

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119926.D
 Acq On : 13 Apr 2020 20:25
 Operator : MA/SJ
 Sample : L2129-26MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Manual Integrations
 APPROVED

Quant Time: Apr 14 02:39:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 13 13:37:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	224117	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	887591	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	465642	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	892284	20.00	ng	0.00
76) Chrysene-d12	13.91	240	624755	20.00	ng	0.00
87) Perylene-d12	15.33	264	625952	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	797139	61.47	ng	0.01
7) Phenol-d6	6.37	99	1012847	60.61	ng	0.00
23) Nitrobenzene-d5	7.30	82	682863	39.80	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	304448	53.40	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1403592	42.80	ng	0.00
79) Terphenyl-d14	12.86	244	1870783	50.39	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	234283	40.561	ng	95
3) Pyridine	3.19	79	632119	39.887	ng	98
4) n-Nitrosodimethylamine	3.15	42	348140	42.996	ng	96
6) Aniline	6.40	93	666530	30.390	ng	98
8) 2-Chlorophenol	6.52	128	688528	47.518	ng	96
9) Benzaldehyde	6.28	77	326105	34.143	ng	96
10) Phenol	6.39	94	877117	46.267	ng	96
11) bis(2-Chloroethyl)ether	6.47	93	646148	44.143	ng	98
12) 1,3-Dichlorobenzene	6.68	146	686569	43.280	ng	97
13) 1,4-Dichlorobenzene	6.76	146	694937	43.005	ng	97
14) 1,2-Dichlorobenzene	6.91	146	660772	44.370	ng	98
15) Benzyl Alcohol	6.89	79	563306	43.401	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1141826	40.087	ng	98
17) 2-Methylphenol	7.00	107	555056	42.924	ng	99
18) Hexachloroethane	7.25	117	266635	44.151	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	463268	43.112	ng	96
20) 3+4-Methylphenols	7.15	107	667313	42.195	ng	94
22) Acetophenone	7.15	105	885961	42.626	ng	99
24) Nitrobenzene	7.32	77	718863	41.651	ng	100
25) Isophorone	7.57	82	1329027	40.184	ng	99
26) 2-Nitrophenol	7.64	139	374906	43.479	ng	97
27) 2,4-Dimethylphenol	7.69	122	583327	44.855	ng	96
28) bis(2-Chloroethoxy)methane	7.78	93	826897	42.488	ng	100
29) 2,4-Dichlorophenol	7.89	162	572685	42.962	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	614267	40.669	ng	99
31) Naphthalene	8.05	128	1956487	41.896	ng	99
32) Benzoic acid	7.83	122	470290	41.176	ng	95
33) 4-Chloroaniline	8.09	127	285938	14.065	ng	98
34) Hexachlorobutadiene	8.16	225	351341	38.859	ng	99
35) Caprolactam	8.47	113	163920m	40.200	ng	
36) 4-Chloro-3-methylphenol	8.59	107	625129	43.315	ng	95
37) 2-Methylnaphthalene	8.74	142	1310863	41.404	ng	99
38) 1-Methylnaphthalene	8.84	142	1250973	41.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	572951	38.958	ng	99

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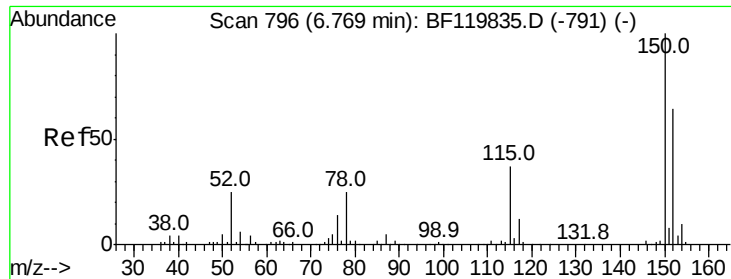
Instrument :
 BNA_F
 ClientSampleId :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	683027	81.673	nq	100
43) 2,4,6-Trichlorophenol	9.02	196	427930	42.136	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	441477	38.596	nq	94
46) 1,1'-Biphenyl	9.20	154	1555064	39.566	nq	97
47) 2-Chloronaphthalene	9.23	162	1235591	40.810	nq	97
48) 2-Nitroaniline	9.33	65	439466	40.054	nq	96 mohammad
49) Acenaphthylene	9.65	152	1917616	41.646	nq	99
50) Dimethylphthalate	9.52	163	1555863	43.198	nq	99
51) 2,6-Dinitrotoluene	9.57	165	333342	42.264	nq	# 82
52) Acenaphthene	9.82	154	1174959	38.253	nq	99
53) 3-Nitroaniline	9.74	138	182175	20.224	nq	91 4/14/2020 3:38:06 PM
54) 2,4-Dinitrophenol	9.85	184	384098	81.342	nq	98
55) Dibenzofuran	9.99	168	1761443	41.791	nq	99
56) 4-Nitrophenol	9.92	139	572908	85.480	nq	86
57) 2,4-Dinitrotoluene	9.98	165	435262	41.887	nq	98
58) Fluorene	10.33	166	1333610	39.563	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	375651	42.940	nq	98
60) Diethylphthalate	10.21	149	1487504	39.849	nq	99
61) 4-Chlorophenyl-phenylether	10.33	204	635038	36.756	nq	98
62) 4-Nitroaniline	10.36	138	358003	41.704	nq	99
63) Azobenzene	10.49	77	1389461	41.534	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	250316	42.582	nq	90
66) n-Nitrosodiphenylamine	10.45	169	1232976	41.550	nq	99
67) 4-Bromophenyl-phenylether	10.82	248	432055	38.936	nq	96
68) Hexachlorobenzene	10.88	284	465012	41.309	nq	97
69) Atrazine	10.98	200	386443	46.805	nq	98
70) Pentachlorophenol	11.07	266	509994	78.616	nq	98
71) Phenanthrene	11.29	178	1943793	40.932	nq	98
72) Anthracene	11.35	178	1995570	41.136	nq	99
73) Carbazole	11.50	167	1839842	40.104	nq	98
74) Di-n-butylphthalate	11.84	149	2286579	37.914	nq	99
75) Fluoranthene	12.48	202	2124639	41.465	nq	99
77) Benzidine	12.60	184	1056183	50.012	nq	97
78) Pyrene	12.71	202	2120584	40.263	nq	99
80) Butylbenzylphthalate	13.33	149	983525	38.485	nq	100
81) Benzo(a)anthracene	13.90	228	1693631	41.207	nq	100
82) 3,3'-Dichlorobenzidine	13.86	252	369322	24.083	nq	98
83) Chrysene	13.94	228	1779889	42.620	nq	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	1246497	36.017	nq	99
85) Di-n-octyl phthalate	14.51	149	2313235	39.256	nq	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	1593674	43.292	nq	98
88) Benzo(b)fluoranthene	14.93	252	1780209	39.534	nq	98
89) Benzo(k)fluoranthene	14.96	252	1720317	44.278	nq	98
90) Benzo(a)pyrene	15.28	252	1546277	40.841	nq	99
91) Dibenzo(a,h)anthracene	16.75	278	1328684	39.619	nq	98
92) Benzo(g,h,i)perylene	17.16	276	1299397	39.252	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



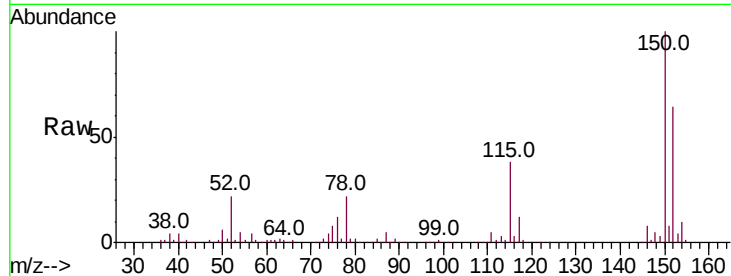
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

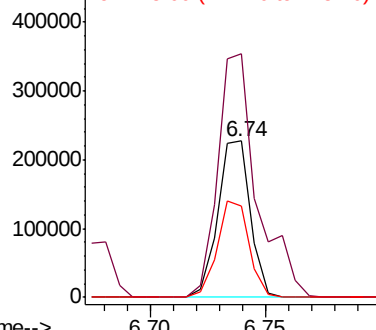
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.8	187.2
115	58.7	46.5	69.7

Manual Integrations
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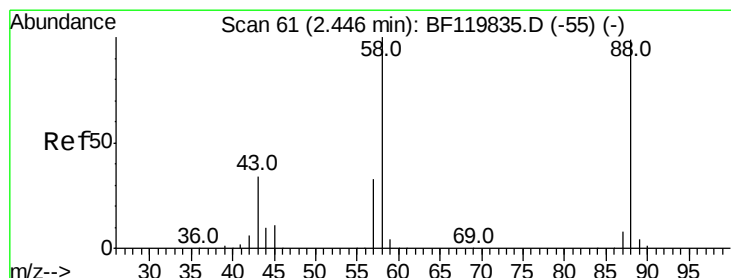
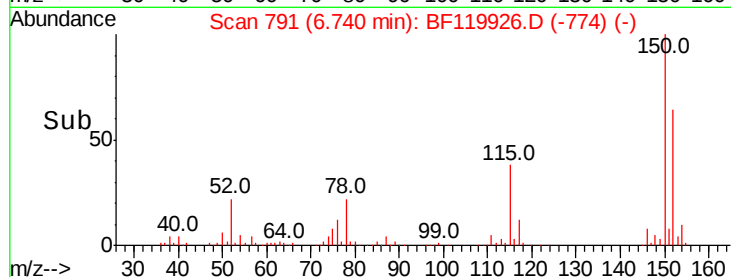


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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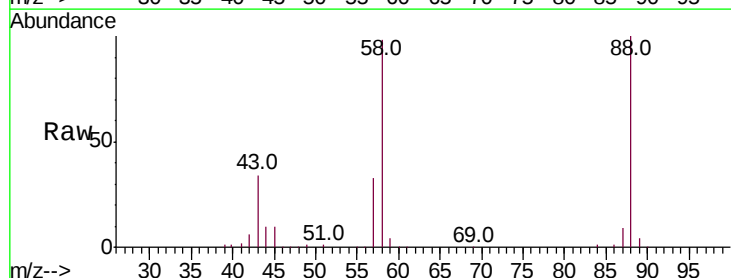
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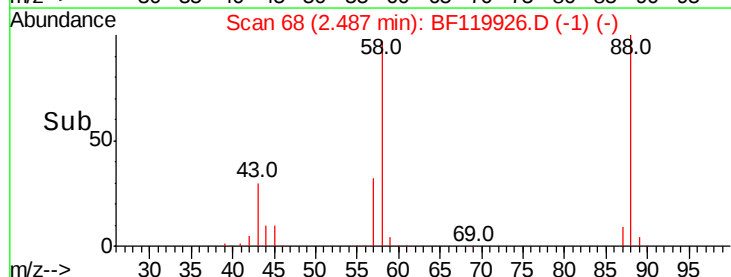
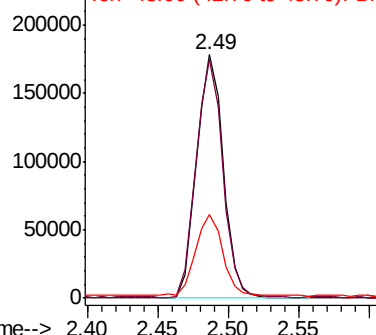
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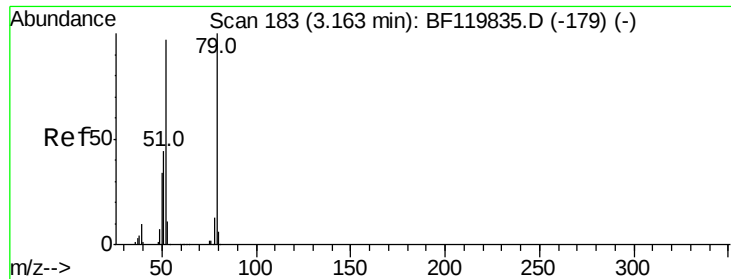
1,4-Dioxane
Concen: 40.561 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.10 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.4	82.6	123.8
43	33.5	28.6	42.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 39.887 ng

RT: 3.19 min Scan# 187

Delta R.T. 0.10 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

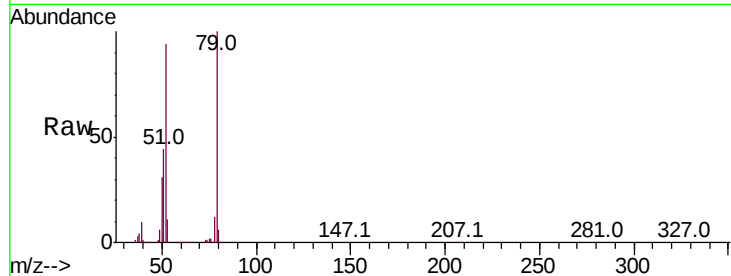
BNA_F

ClientSampled :

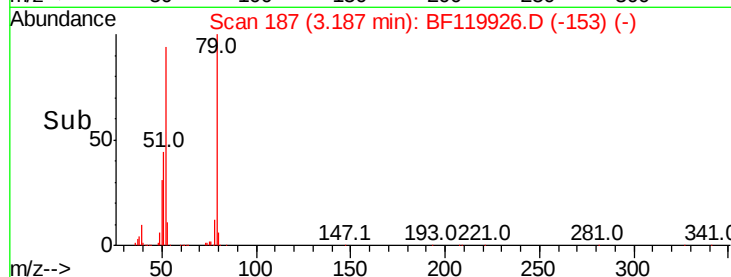
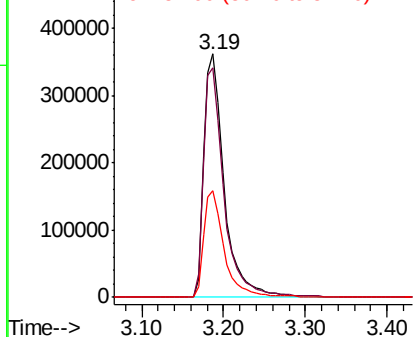
TP-2MS

Tot Ion:	79	Resp:	632119
Ion	Ratio	Lower	Upper
79	100		
52	94.2	77.4	116.0
51	44.0	35.3	52.9

Manual Integrations
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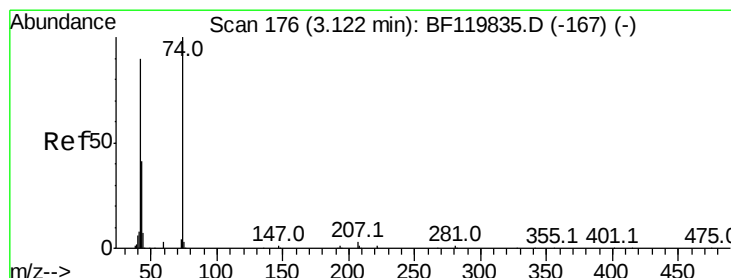


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



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#4

n-Nitrosodimethylamine

Concen: 42.996 ng

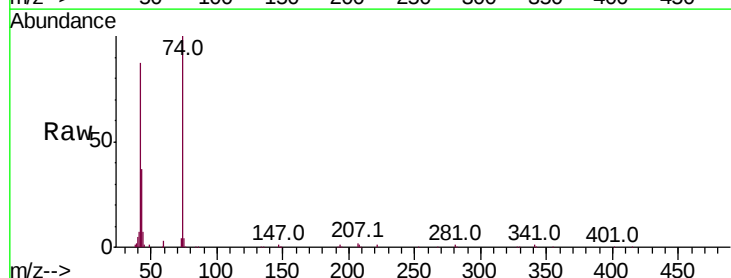
RT: 3.15 min Scan# 181

Delta R.T. 0.10 min

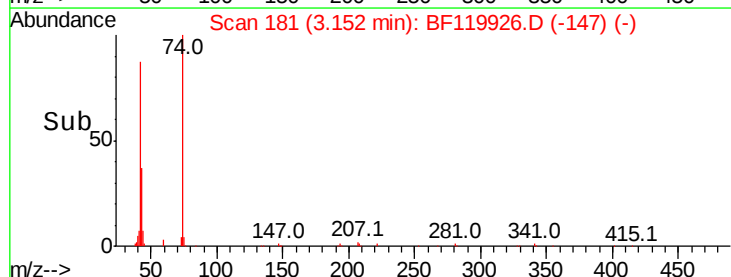
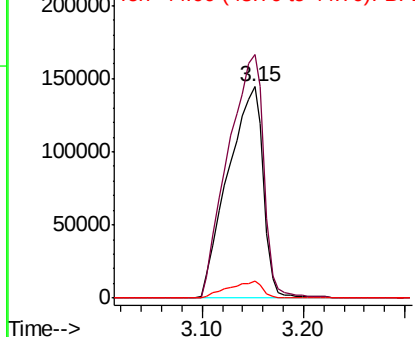
Lab File: BF119926.D

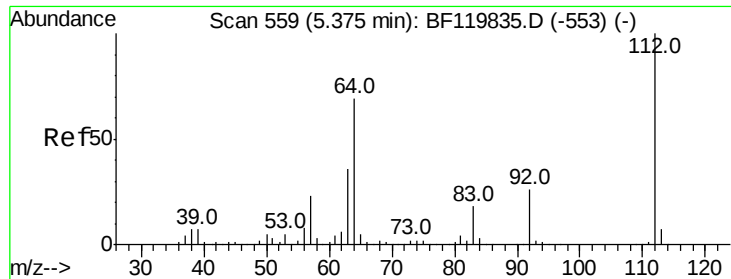
Acq: 13 Apr 2020 20:25

Tgt Ion:	42	Resp:	348140
Ion	Ratio	Lower	Upper
42	100		
74	115.2	89.0	133.4
44	7.8	6.2	9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 61.468 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

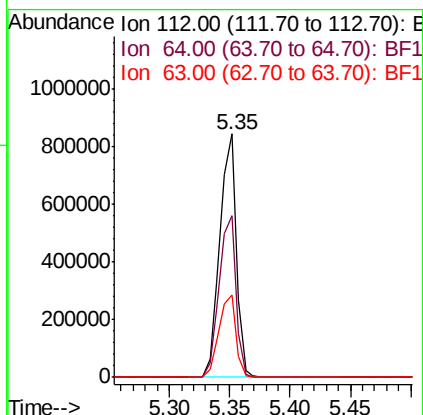
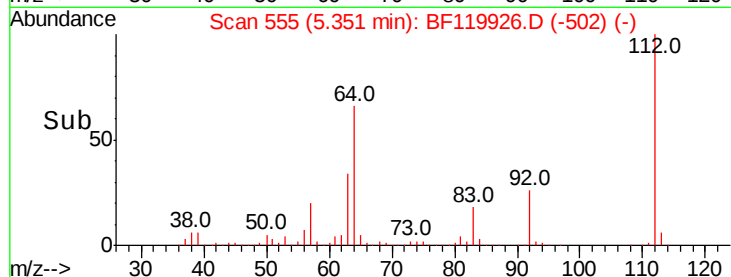
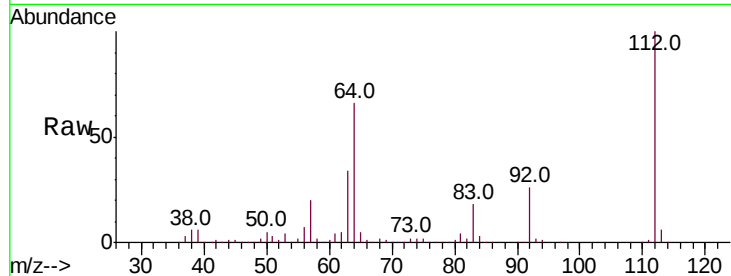
BNA_F

ClientSampled :

TP-2MS

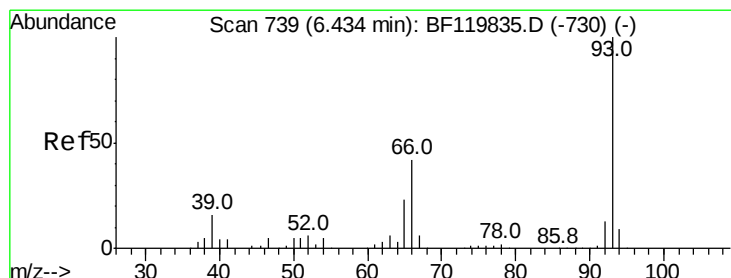
Tot Ion:	112	Resp:	797139
Ion Ratio	Lower	Upper	
112	100		
64	66.4	55.5	83.3
63	33.9	29.1	43.7

Manual Integrations
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#6

Aniline

Concen: 30.390 ng

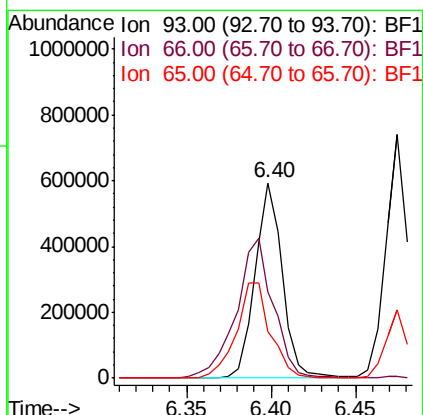
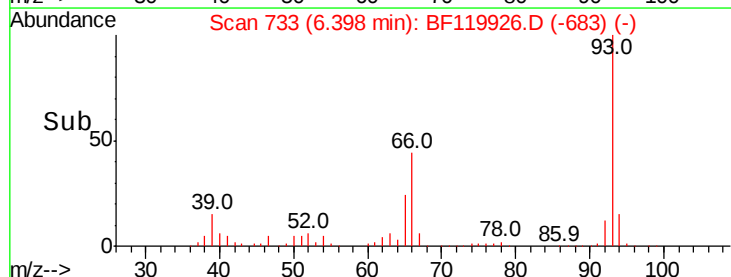
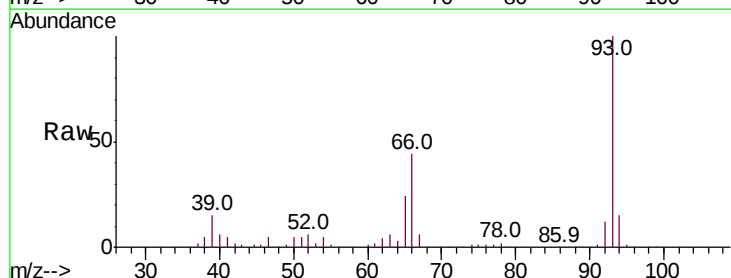
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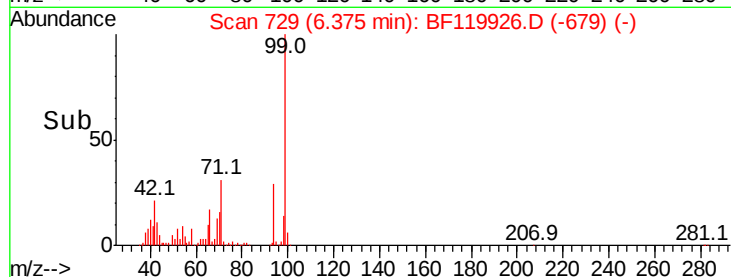
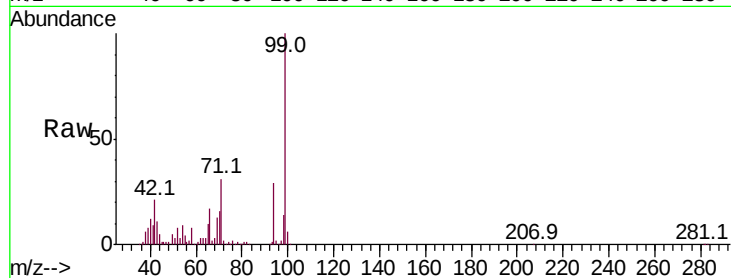
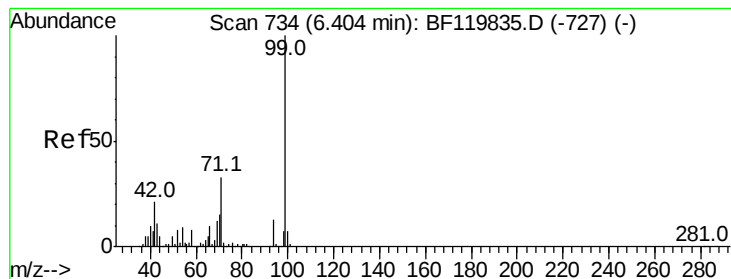
Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:	93	Resp:	666530
Ion Ratio	Lower	Upper	
93	100		
66	44.2	34.2	51.2
65	23.8	18.3	27.5





#7

Phenol-d6

Concen: 60.612 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tot Ion:	99	Resp:	1012847
Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.9	25.3
71	31.3	26.3	39.5

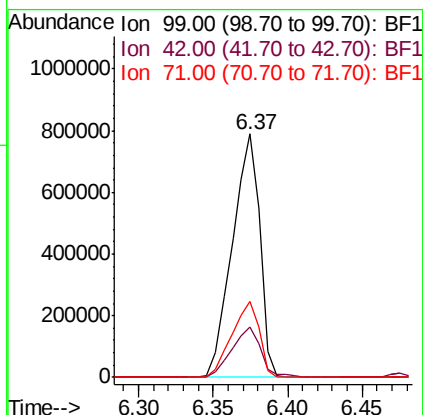
Instrument :

BNA_F

ClientSampled :

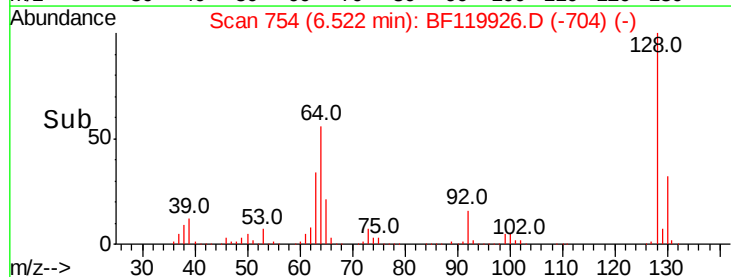
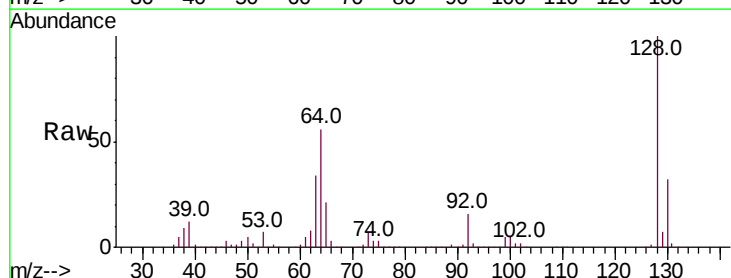
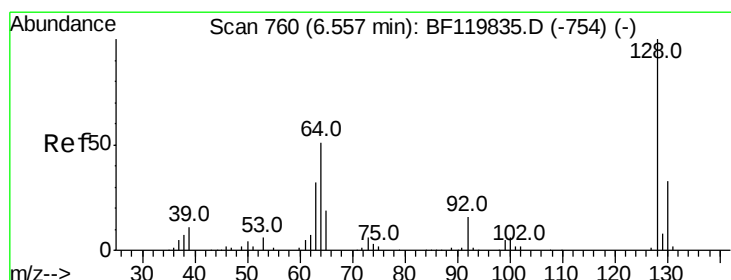
TP-2MS

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#8

2-Chlorophenol

Concen: 47.518 ng

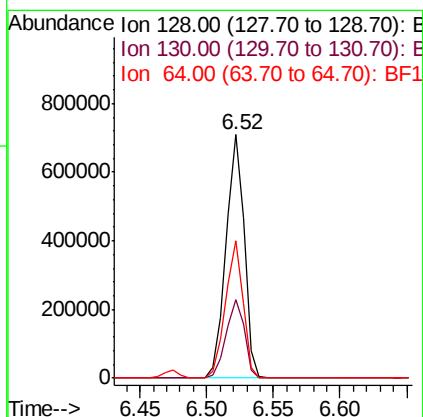
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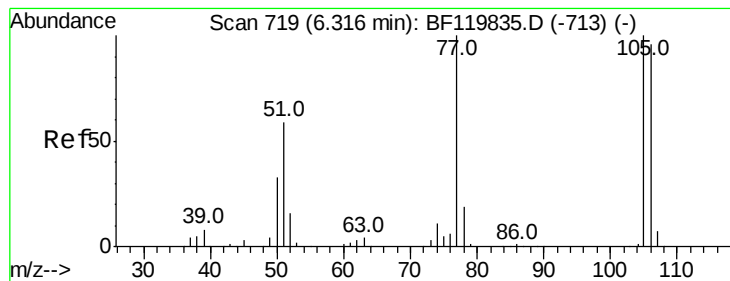
Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:	128	Resp:	688528
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.6	52.6
64	56.5	32.0	72.0





#9

Benzaldehyde

Concen: 34.143 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

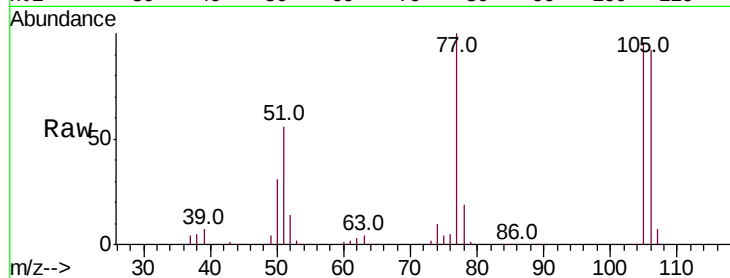
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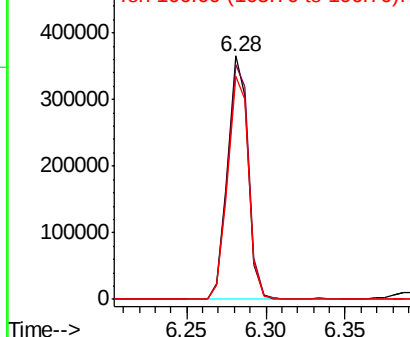
TP-2MS

Tot Ion:	77	Resp:	326105
Ion	Ratio	Lower	Upper
77	100		
105	96.3	79.9	119.9
106	91.9	76.4	116.4

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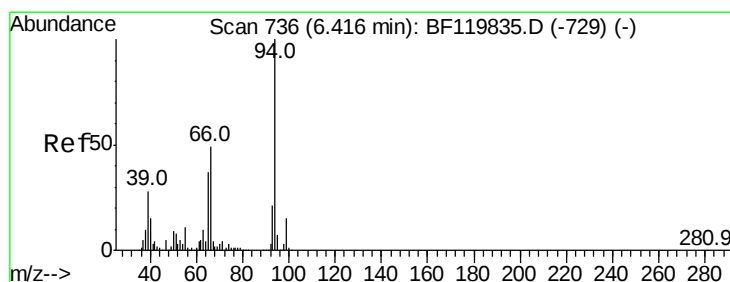
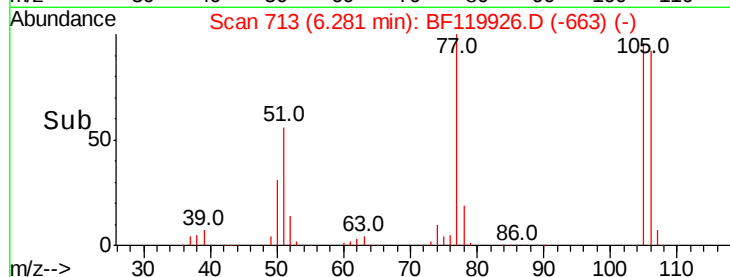


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 46.267 ng

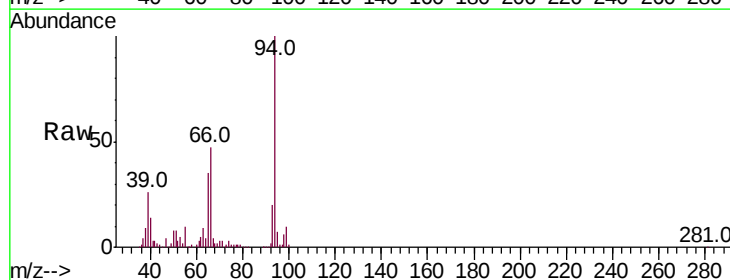
RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

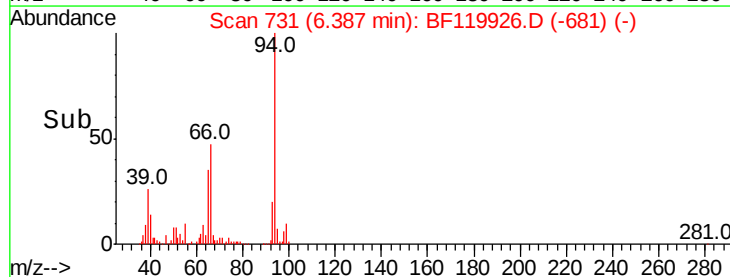
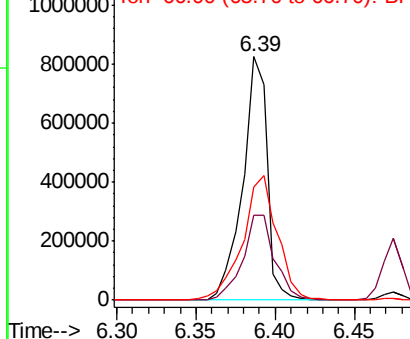
Lab File: BF119926.D

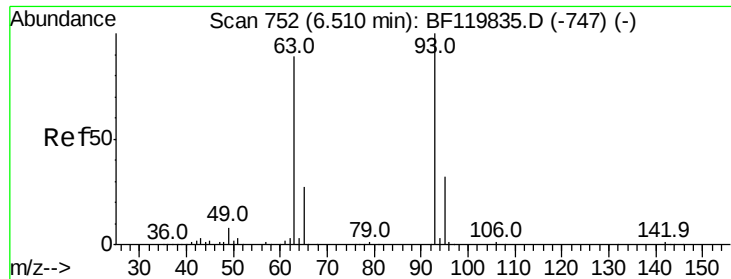
Acq: 13 Apr 2020 20:25

Tgt Ion:	94	Resp:	877117
Ion	Ratio	Lower	Upper
94	100		
65	34.9	16.6	56.6
66	46.5	29.3	69.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



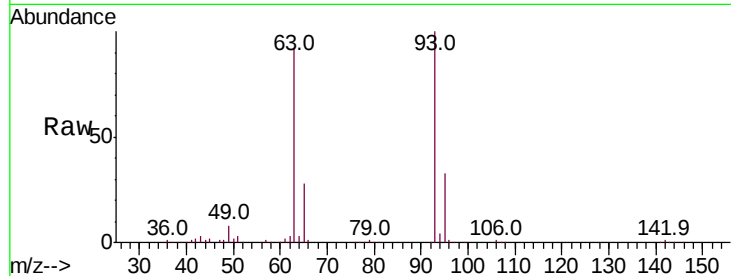


#11
bis(2-Chloroethyl)ether
Concen: 44.143 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

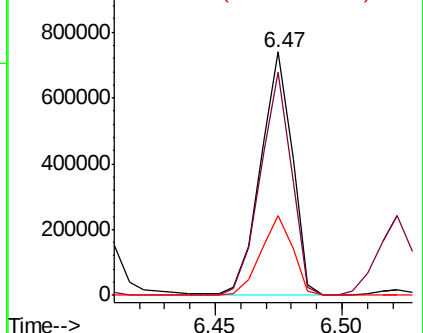
Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion:	93	Resp:	646148
Ion	Ratio	Lower	Upper
93	100		
63	91.6	69.1	109.1
95	32.5	12.3	52.3

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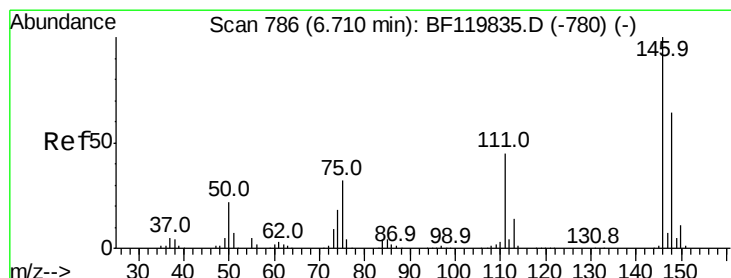
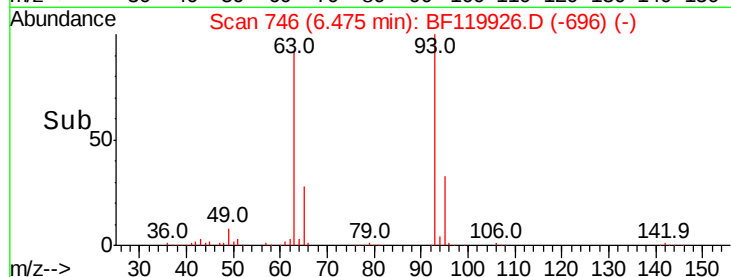


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



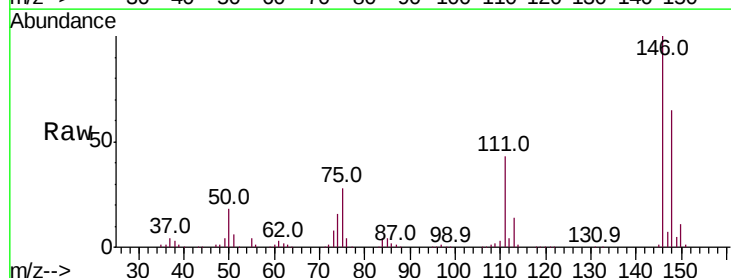
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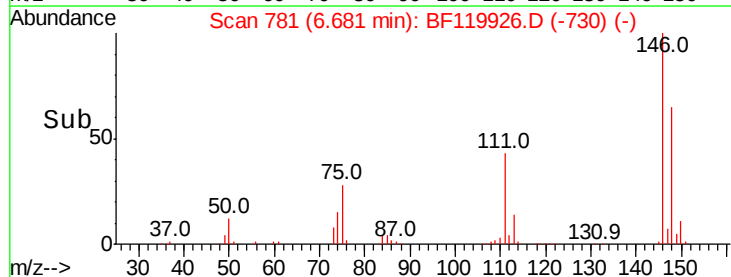
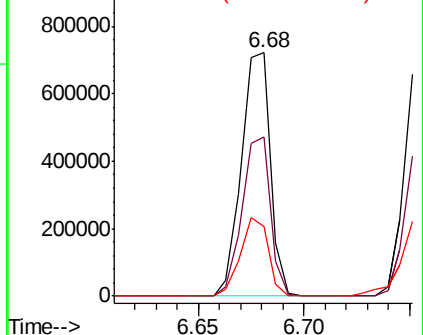


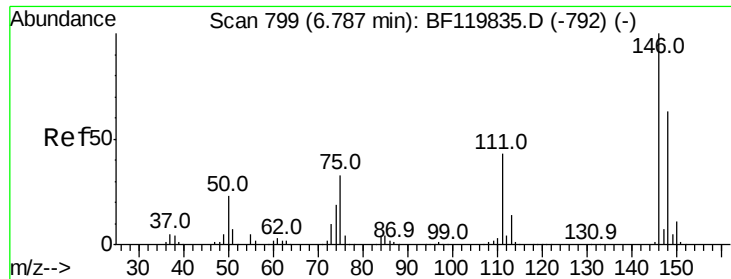
#12
1,3-Dichlorobenzene
Concen: 43.280 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:	146	Resp:	686569
Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.3	76.9
75	28.3	25.3	37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



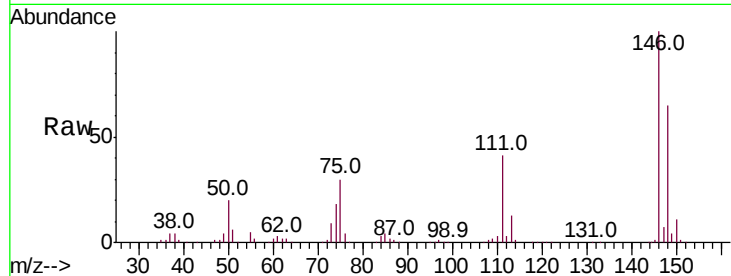


#13
 1,4-Dichlorobenzene
 Concen: 43.005 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.5	75.7
111	41.3	34.7	52.1

Manual Integrations
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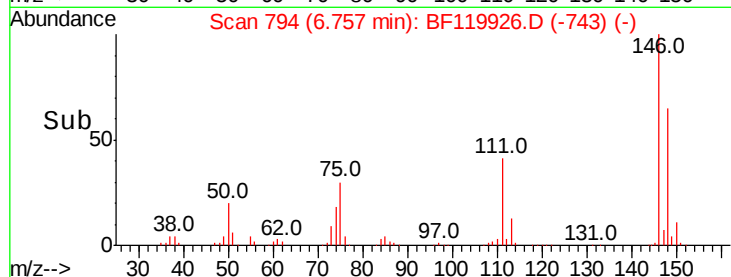
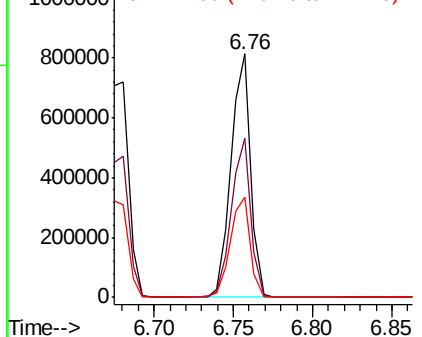


Abundance

Ion 146.00 (145.70 to 146.70): E

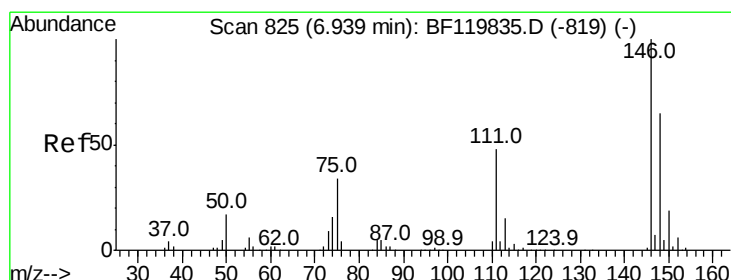
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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#14
 1,2-Dichlorobenzene
 Concen: 44.370 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

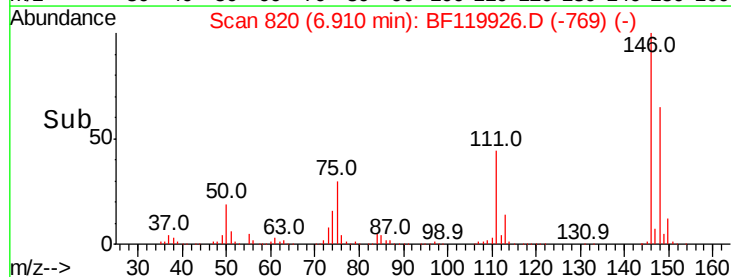
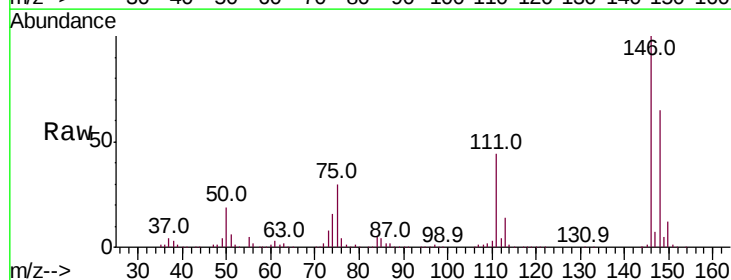
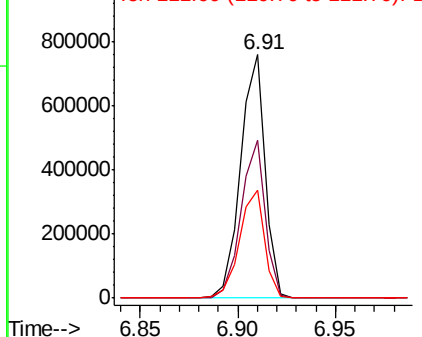
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	44.3	38.0	57.0

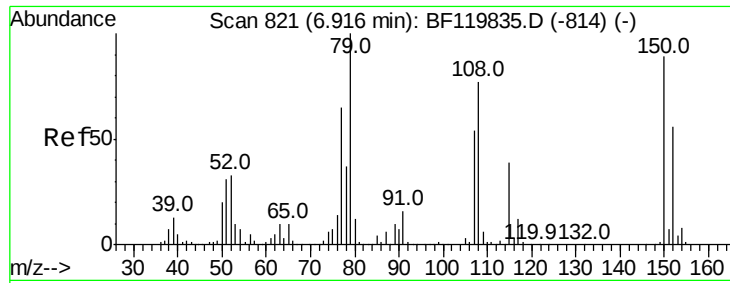
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



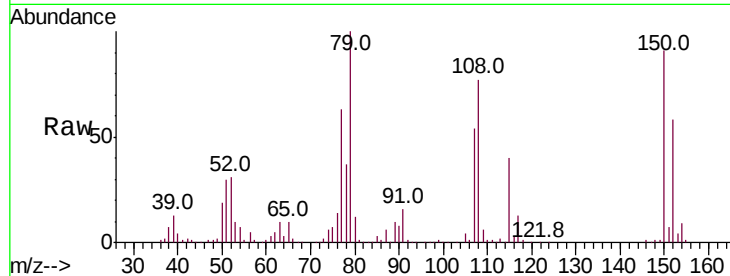


#15
Benzyl Alcohol
Concen: 43.401 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

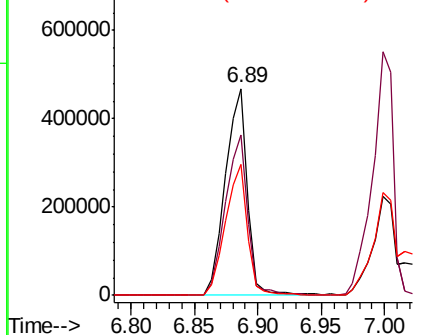
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	62.0	93.0
77	63.0	51.8	77.6

Manual Integrations
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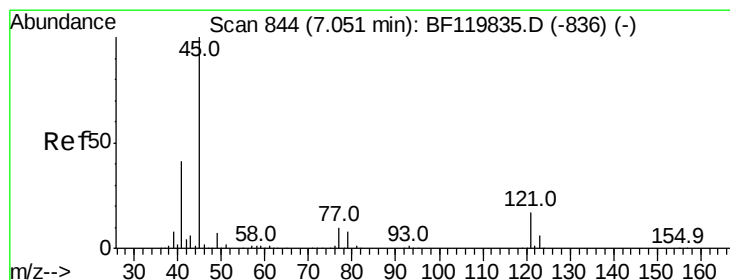
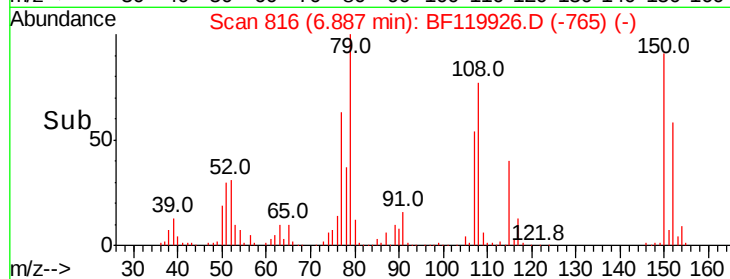


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



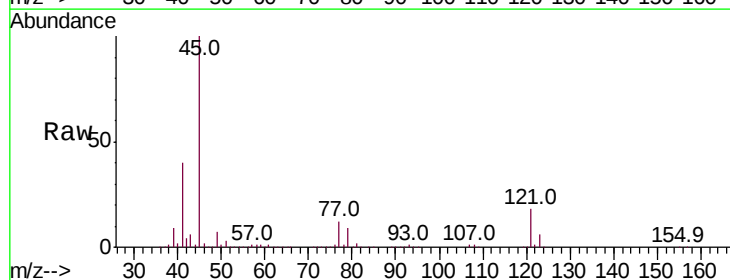
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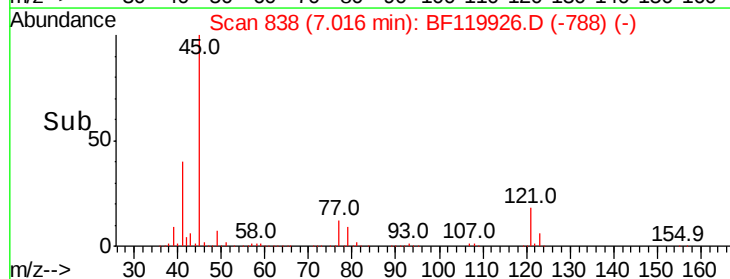
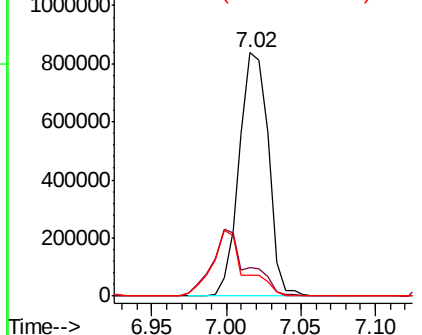


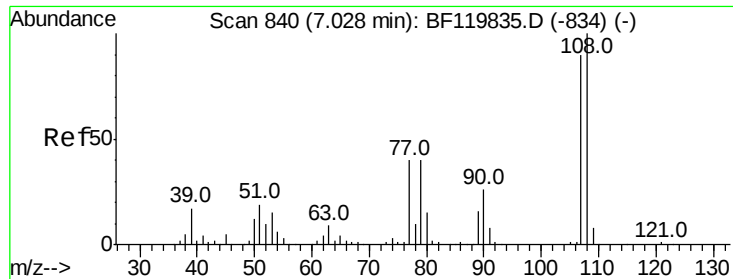
#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.087 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	30.7
79	8.6	0.0	28.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



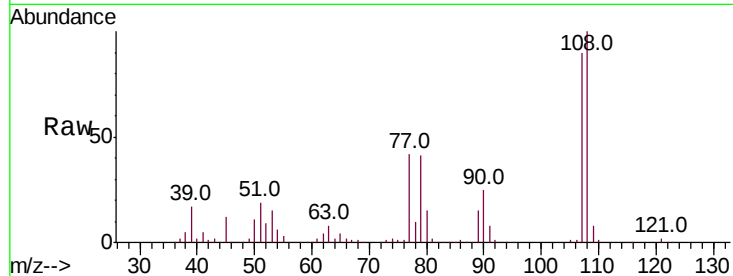


#17
2-Methylphenol
Concen: 42.924 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	88.8	133.2	
77	46.8	36.0	54.0	
79	45.3	35.7	53.5	

Manual Integrations
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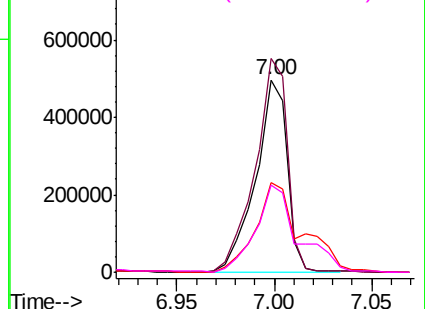
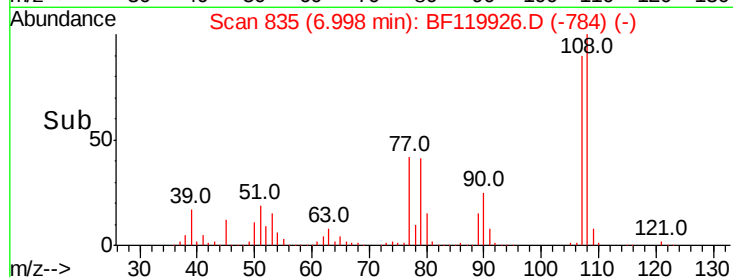
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

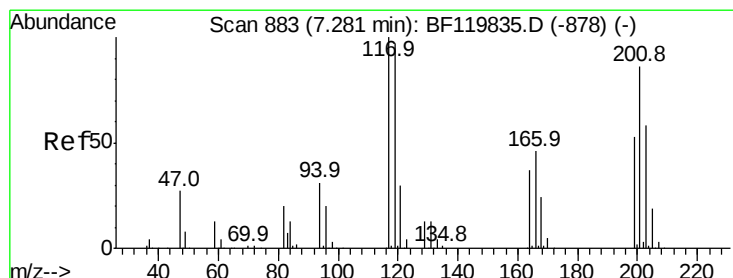
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



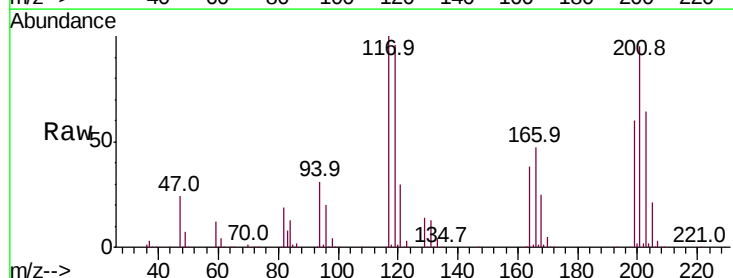
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#18
Hexachloroethane
Concen: 44.151 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	77.4	116.0	
201	95.1	68.4	102.6	

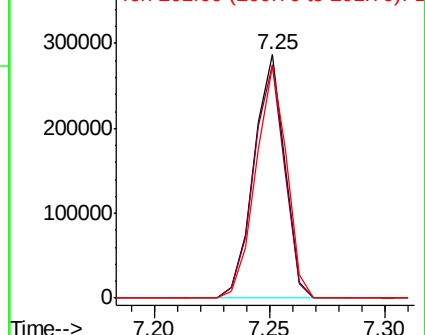
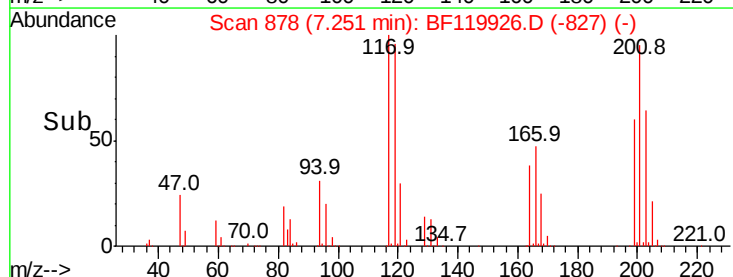


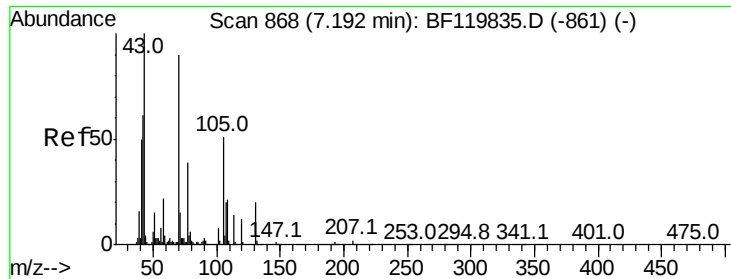
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



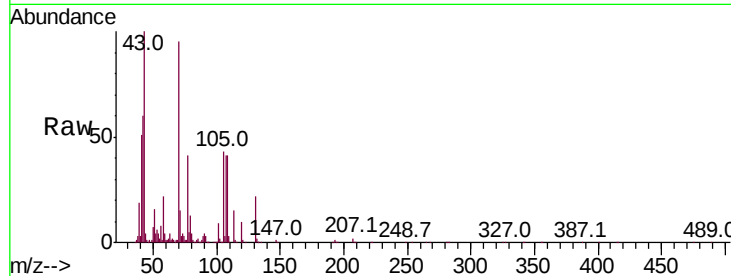


#19
n-Nitroso-di-n-propylamine
Concen: 43.112 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.6	54.2	81.4	
101	9.9	7.4	11.2	
130	23.5	17.8	26.6	

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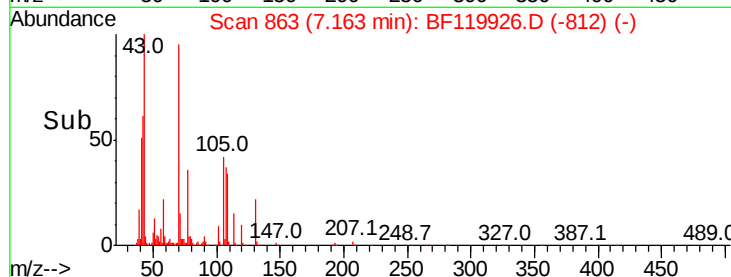
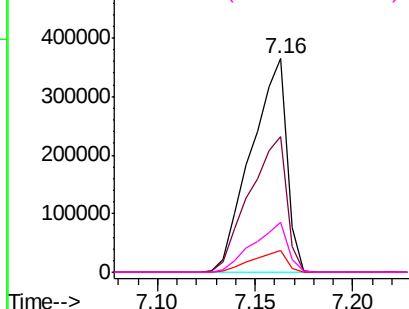
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

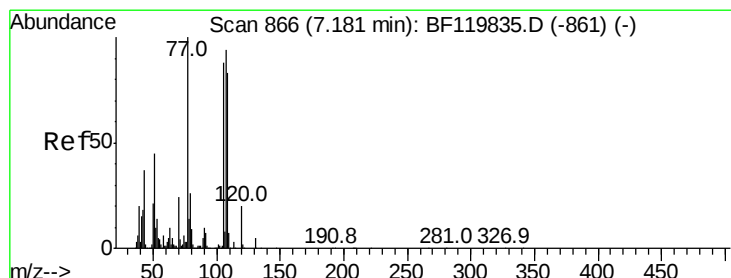
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



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#20
3+4-Methylphenols
Concen: 42.195 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	68.2	108.2	
77	118.7	86.6	126.6	
79	27.6	7.7	47.7	

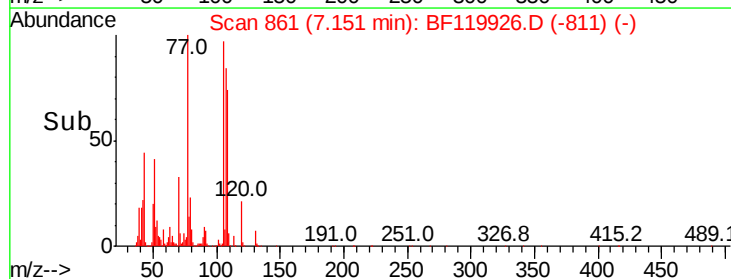
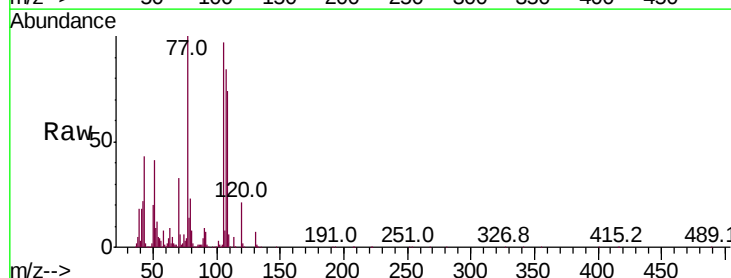
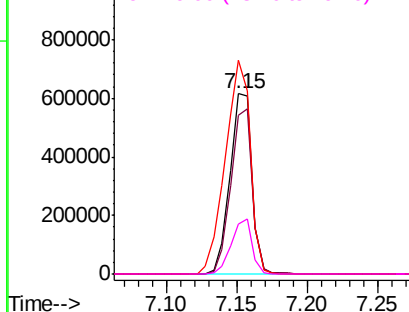
Abundance

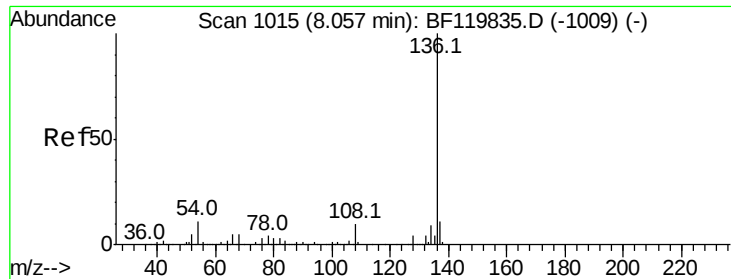
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



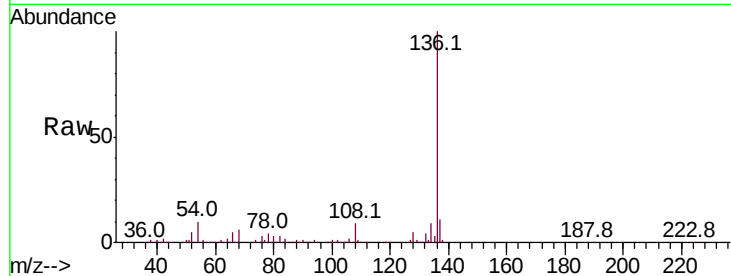


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		887591		
137	10.8	8.7	13.1		
54	10.5	8.5	12.7		
68	5.8	3.9	5.9		

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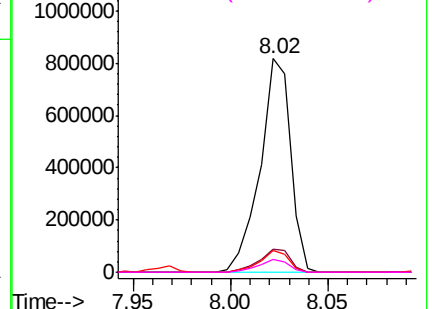
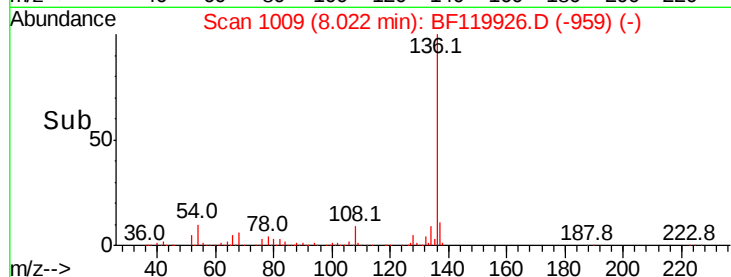
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

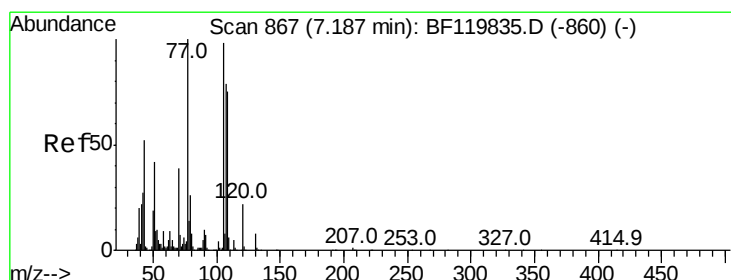
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



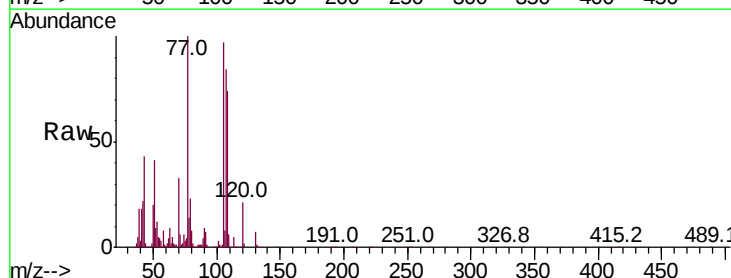
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#22
Acetophenone
Concen: 42.626 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		885961		
71	5.7	5.6	8.4		
51	42.6	33.9	50.9		
120	22.0	17.8	26.8		



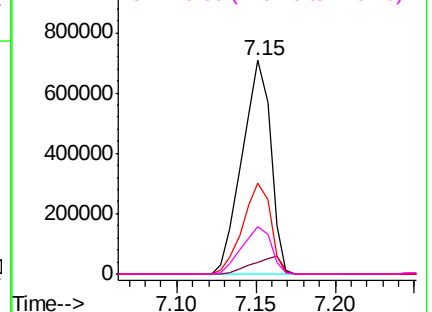
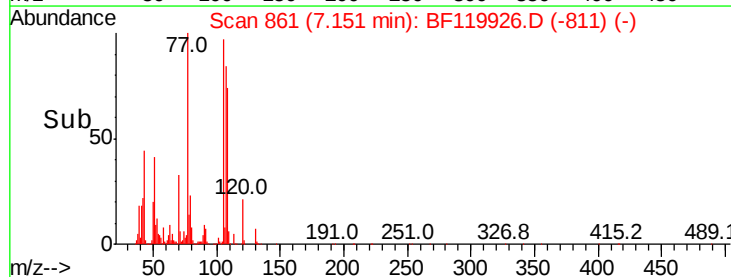
Abundance

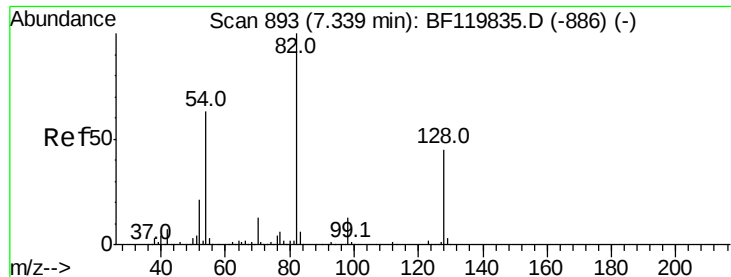
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



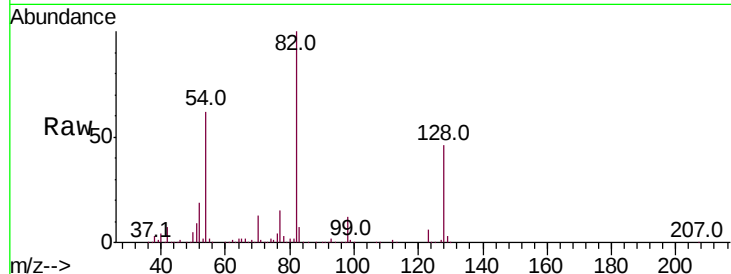


#23
Nitrobenzene-d5
Concen: 39.801 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

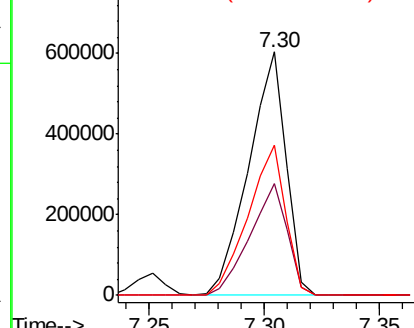
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.2	54.4
54	61.6	50.4	75.6

Manual Integrations
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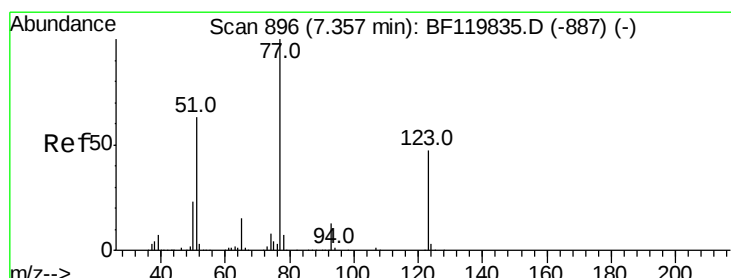
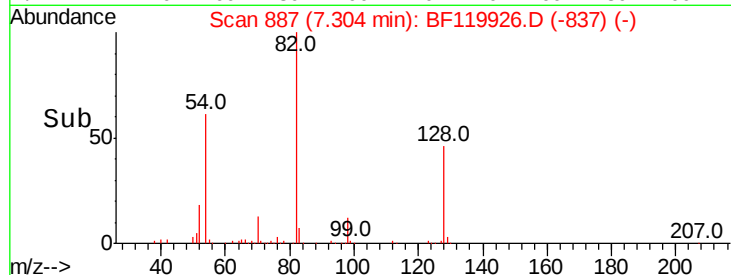


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



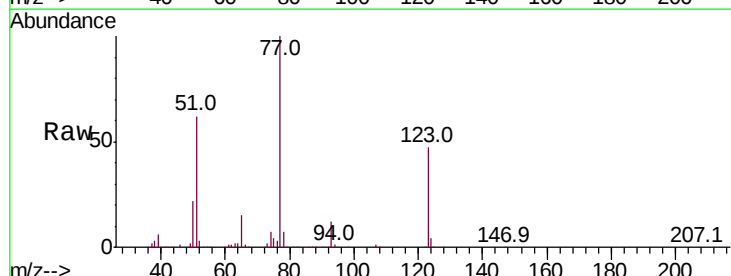
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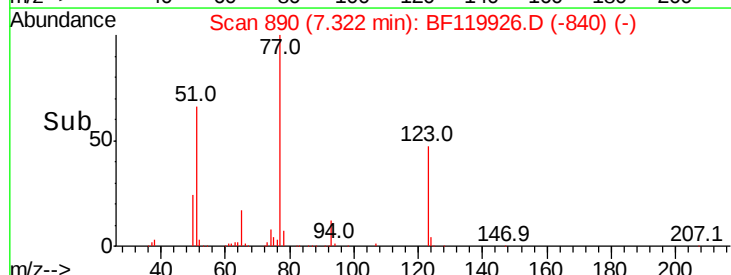
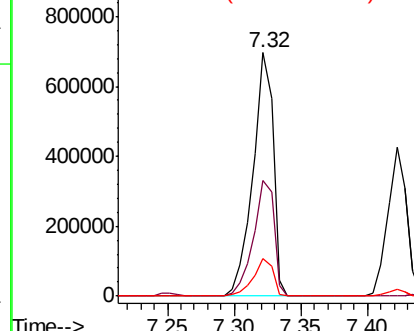


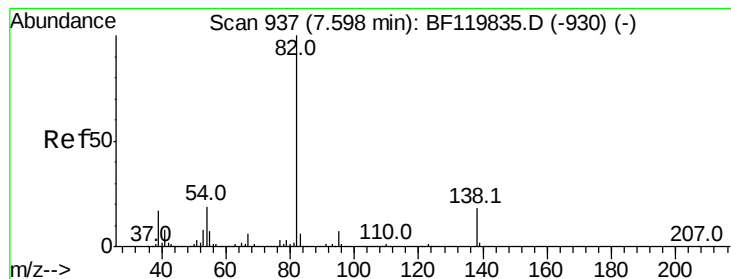
#24
Nitrobenzene
Concen: 41.651 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	37.8	56.8
65	15.4	12.2	18.2



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.184 ng

RT: 7.57 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion: 82 Resp: 1329027

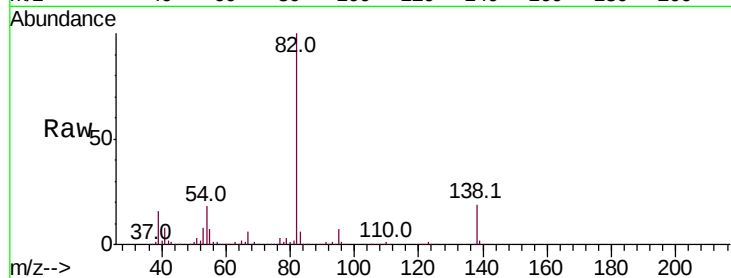
Ion Ratio Lower Upper

82 100

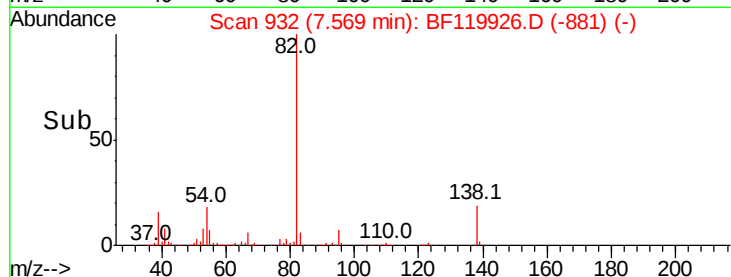
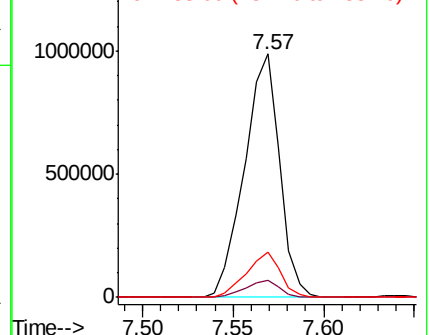
95 7.0 5.8 8.6

138 18.8 14.5 21.7

Manual Integrations
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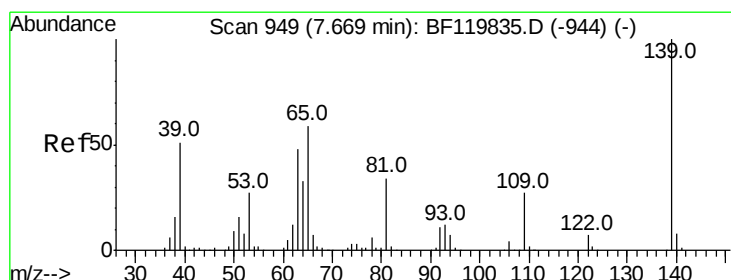


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



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#26

2-Nitrophenol

Concen: 43.479 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

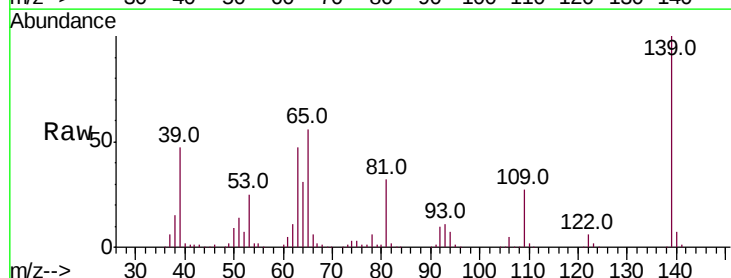
Tgt Ion:139 Resp: 374906

Ion Ratio Lower Upper

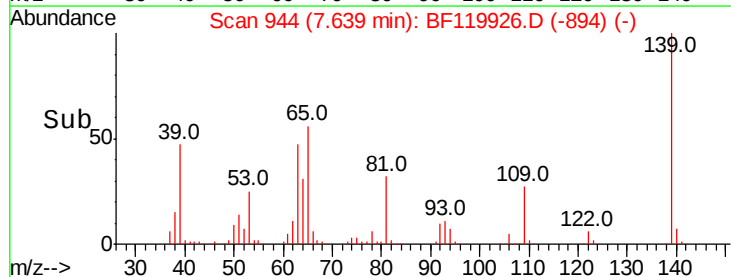
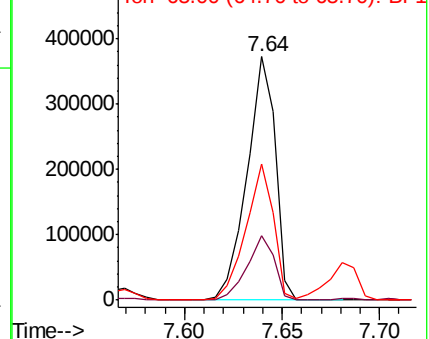
139 100

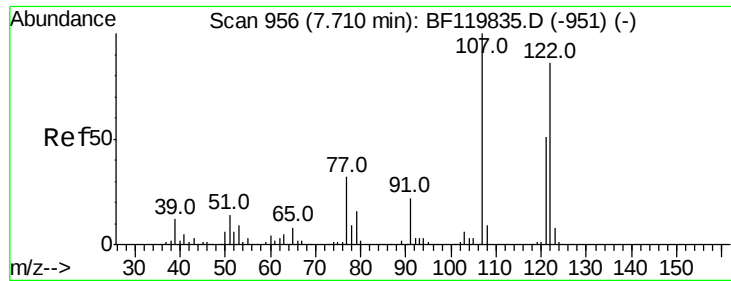
109 26.6 21.8 32.6

65 55.9 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1



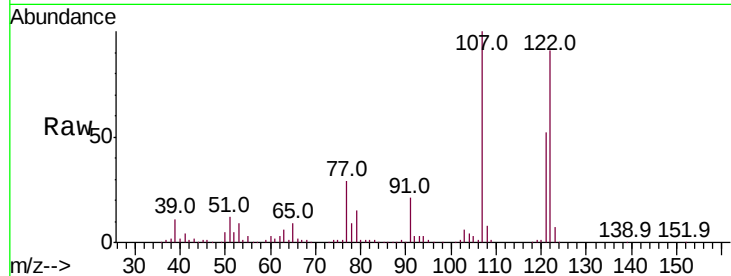


#27
2,4-Dimethylphenol
Concen: 44.855 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

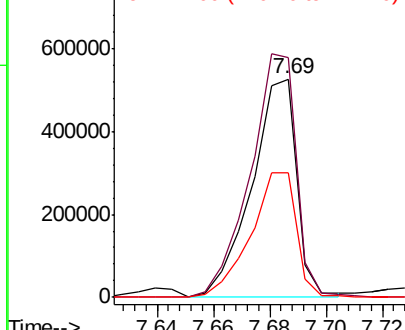
Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	92.3	138.5
121	57.0	46.6	70.0

Manual Integrations
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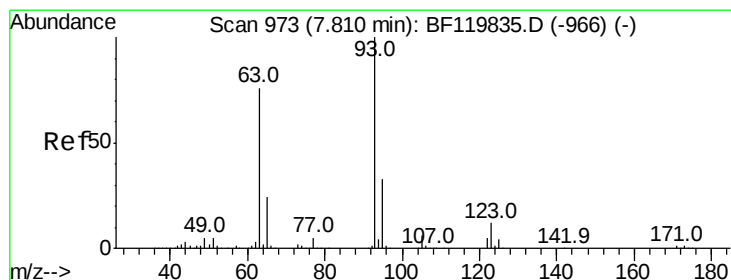
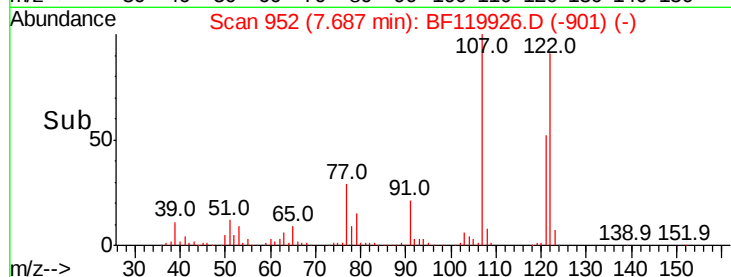


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



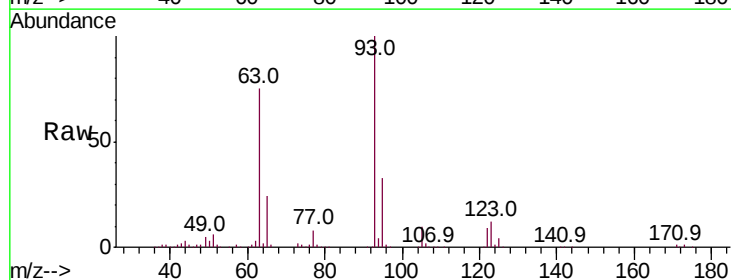
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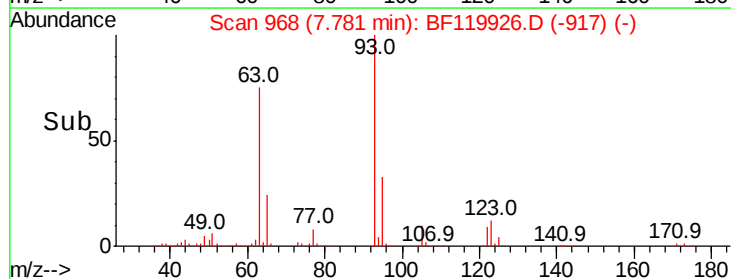
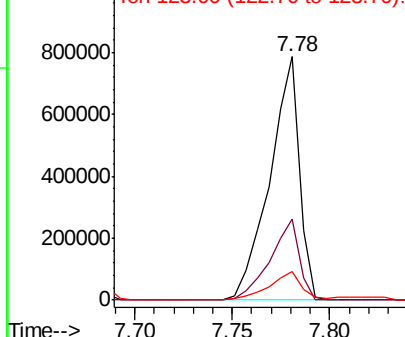


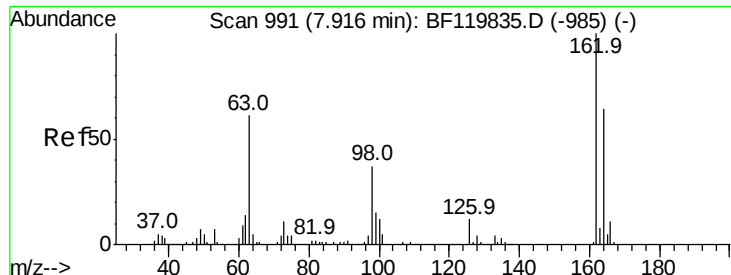
#28
bis(2-Chloroethoxy)methane
Concen: 42.488 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	11.9	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.962 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

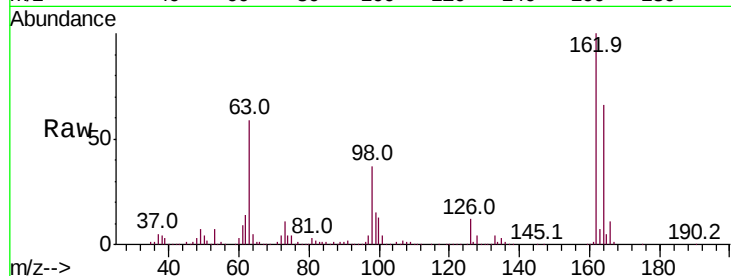
BNA_F

ClientSampled :

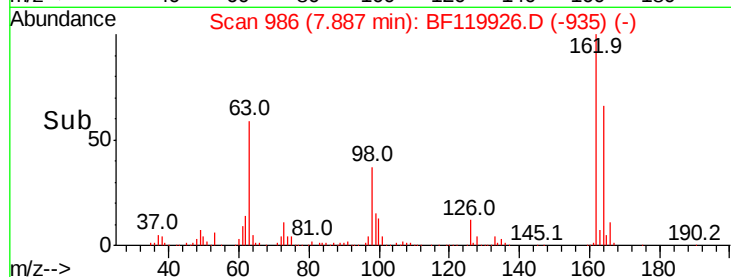
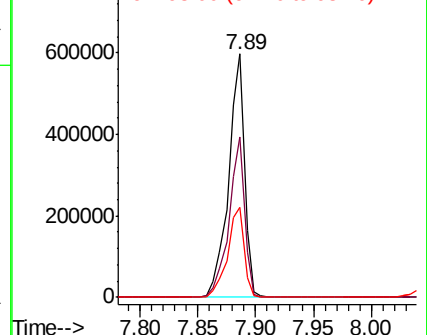
TP-2MS

Tot Ion:	162	Resp:	572685
Ion Ratio	Lower	Upper	
162	100		
164	66.0	44.4	84.4
98	37.0	17.3	57.3

Manual Integrations
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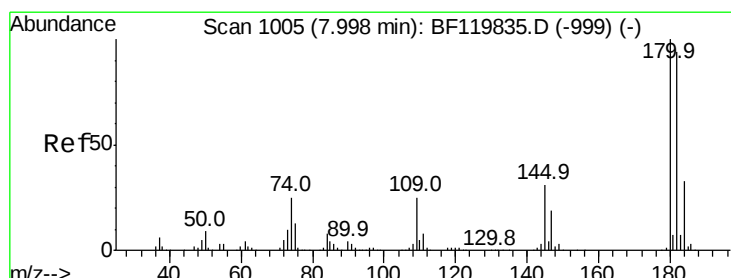


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



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#30

1,2,4-Trichlorobenzene

Concen: 40.669 ng

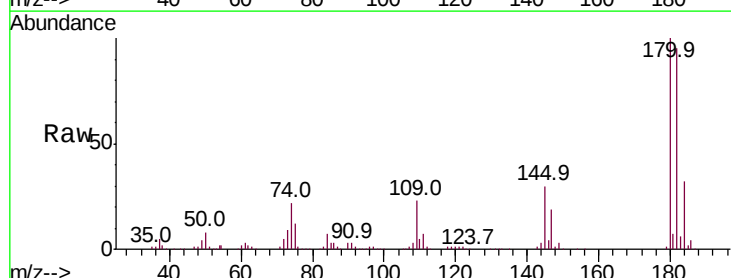
RT: 7.97 min Scan# 1000

Delta R.T. -0.00 min

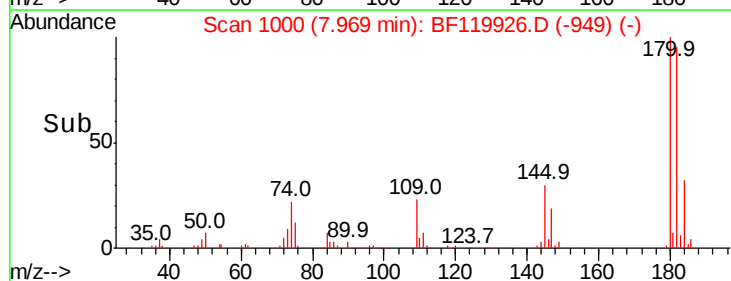
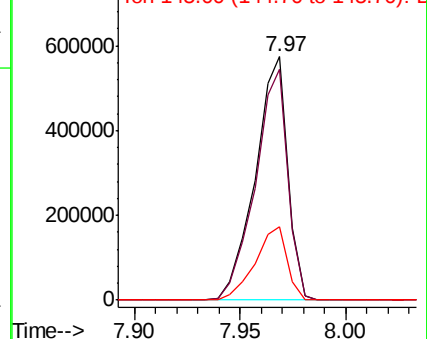
Lab File: BF119926.D

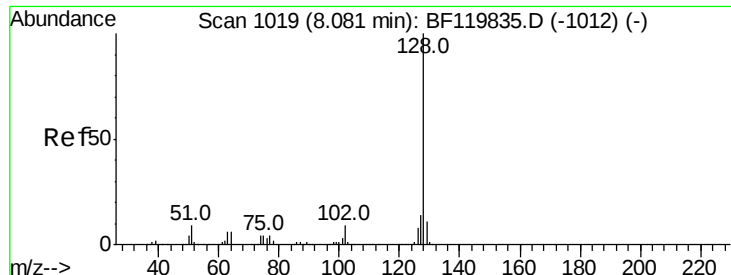
Acq: 13 Apr 2020 20:25

Tgt Ion:	180	Resp:	614267
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.4	113.0
145	29.9	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



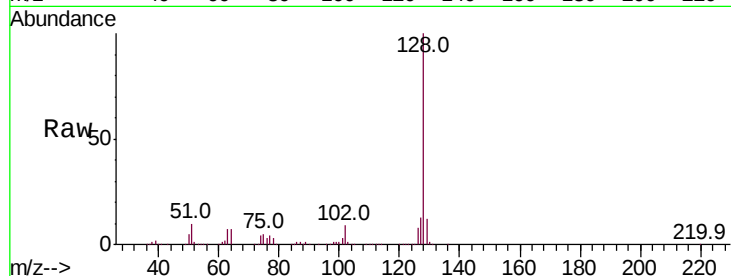


#31
Naphthalene
Concen: 41.896 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

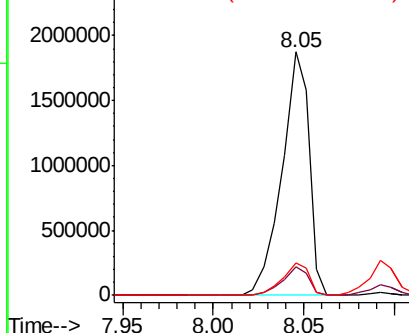
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion:	128	Resp:	1956487
Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.3	11.0	16.4

Manual Integrations
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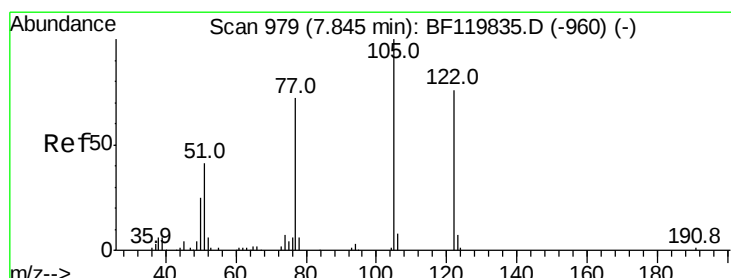
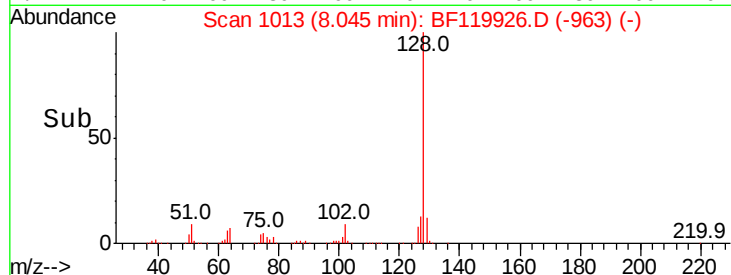


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



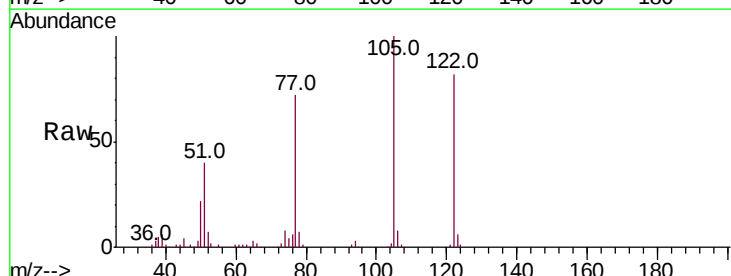
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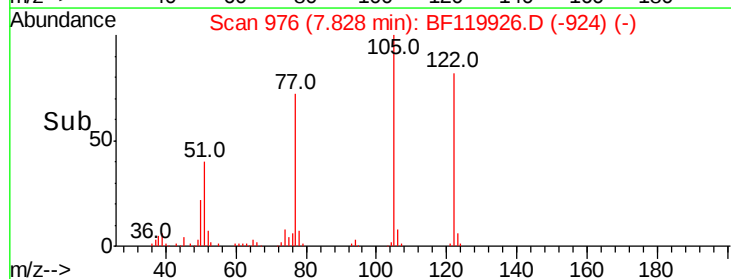
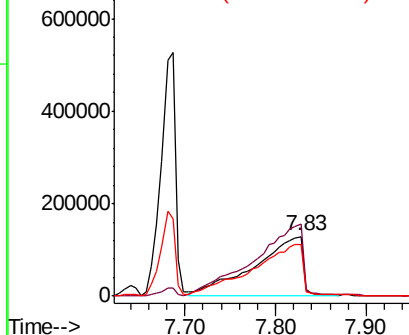


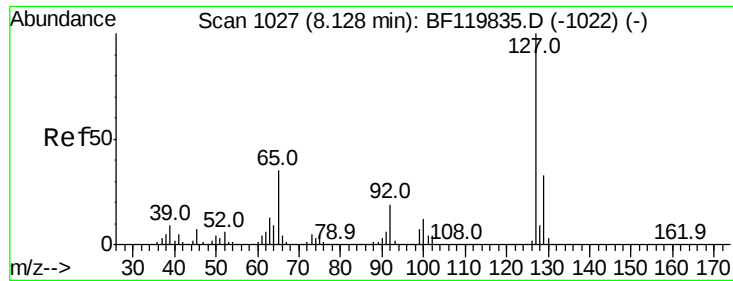
#32
Benzoic acid
Concen: 41.176 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:	122	Resp:	470290
Ion	Ratio	Lower	Upper
122	100		
105	121.5	106.7	146.7
77	87.4	72.1	112.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1



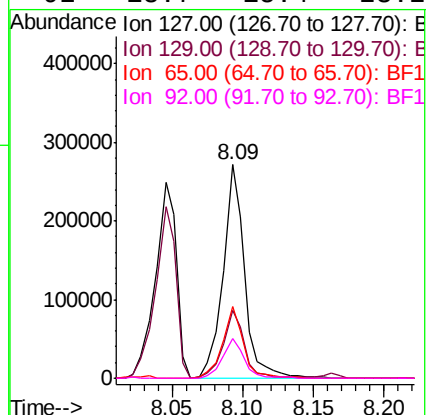
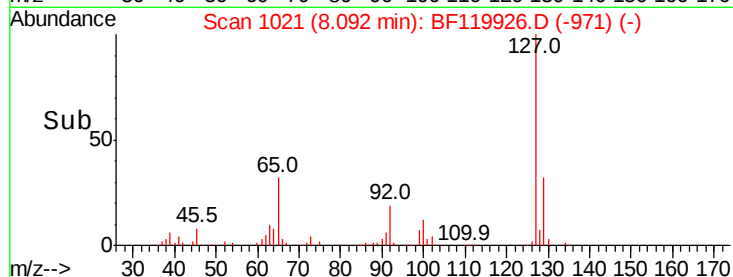
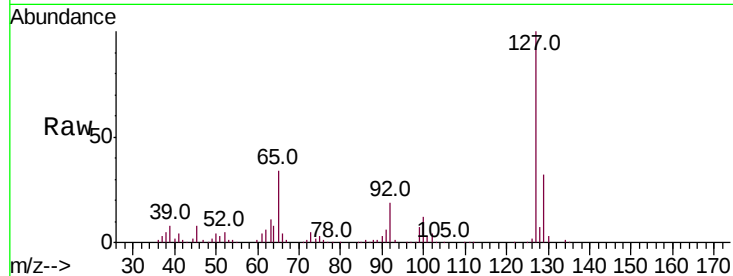


#33
4-Chloroaniline
Concen: 14.065 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

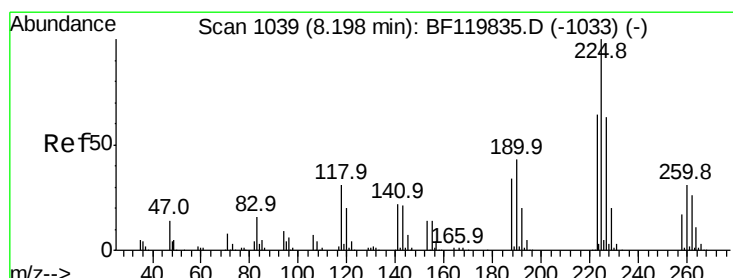
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.2	39.2		
65	33.5	28.3	42.5		
92	18.7	15.4	23.2		

Manual Integrations
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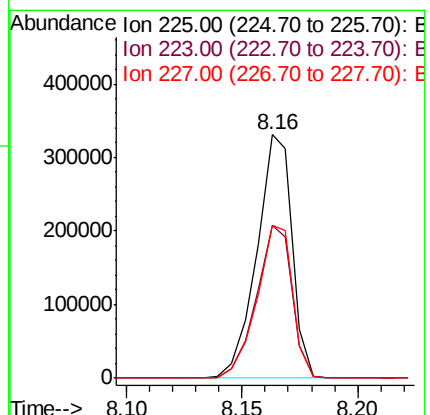
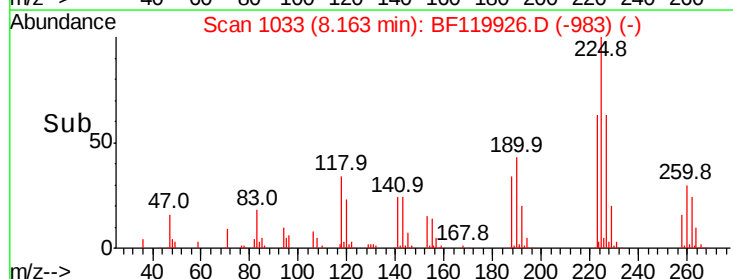
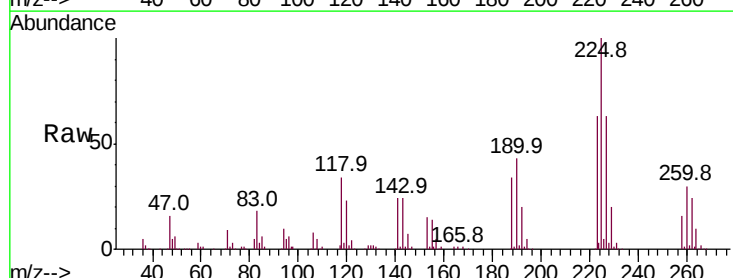
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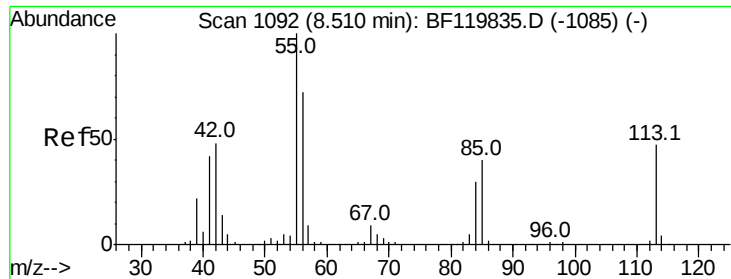
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#34
Hexachlorobutadiene
Concen: 38.859 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	51.0	76.6		
227	62.7	50.4	75.6		



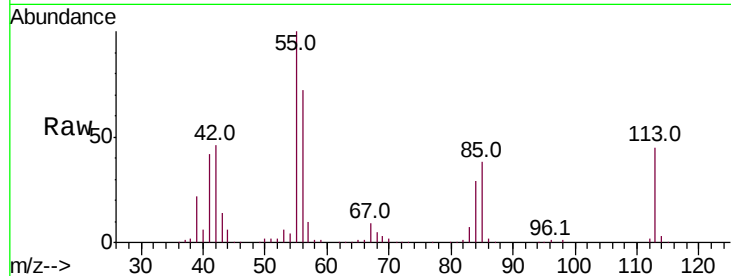


#35
 Caprolactam
 Concen: 40.200 ng/ml
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

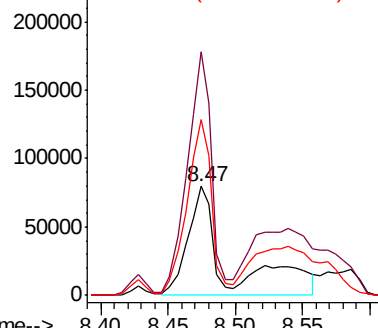
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.4	192.7	232.7
56	161.7	133.3	173.3

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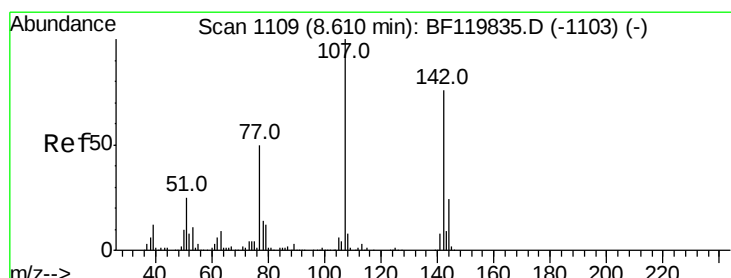
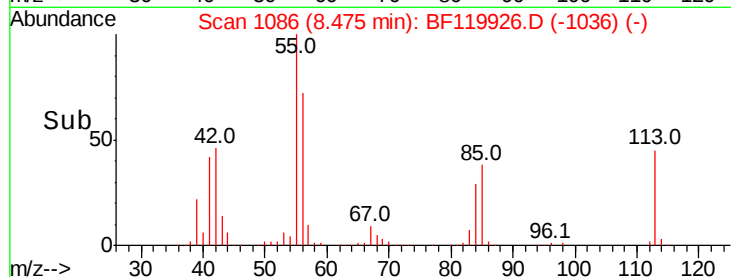


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1



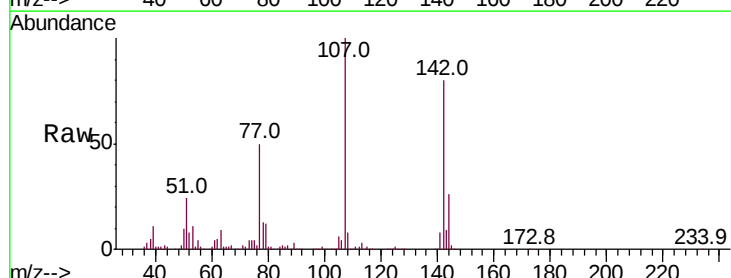
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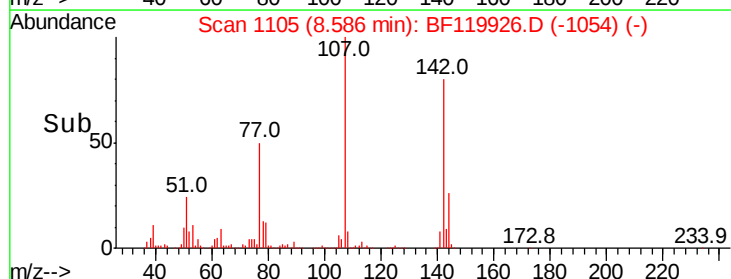
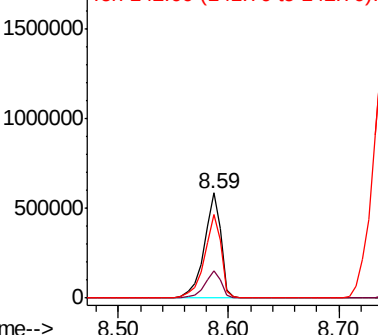


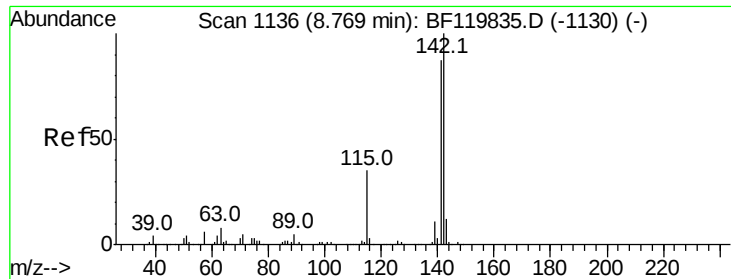
#36
 4-Chloro-3-methylphenol
 Concen: 43.315 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	19.5	29.3
142	80.1	60.5	90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



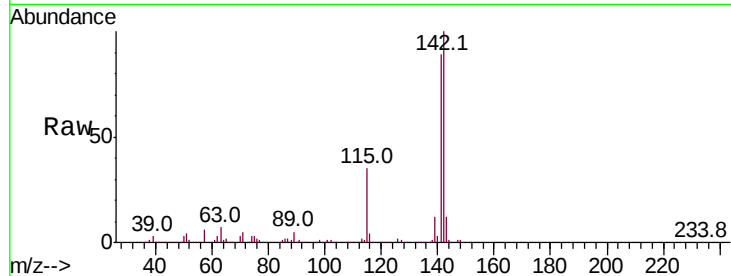


#37
2-Methylnaphthalene
Concen: 41.404 ng
RT: 8.74 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.9	104.9
115	34.6	28.0	42.0

Manual Integrations
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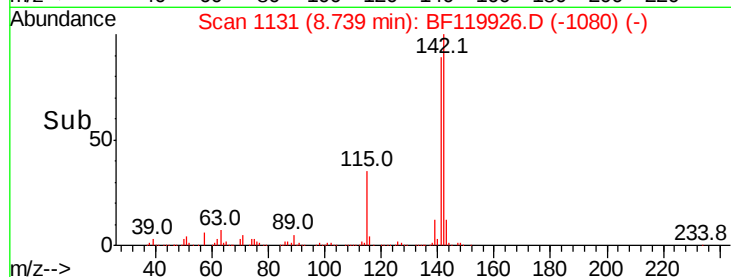
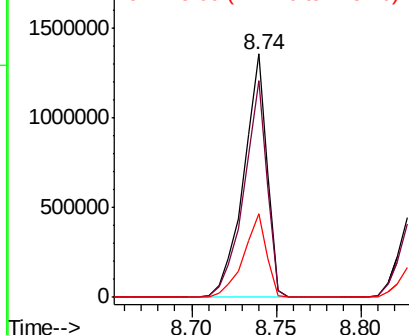


Abundance

Ion 142.00 (141.70 to 142.70): E

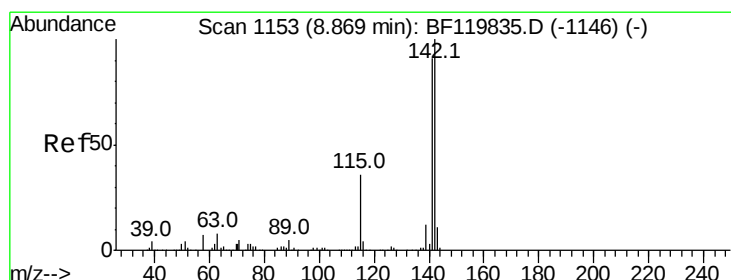
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



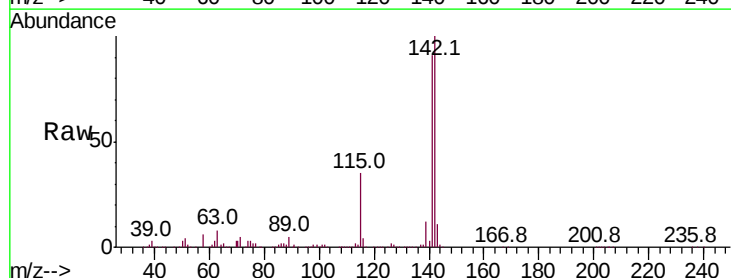
mohammad

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#38
1-Methylnaphthalene
Concen: 41.921 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.9	109.3
116	3.7	3.0	4.6

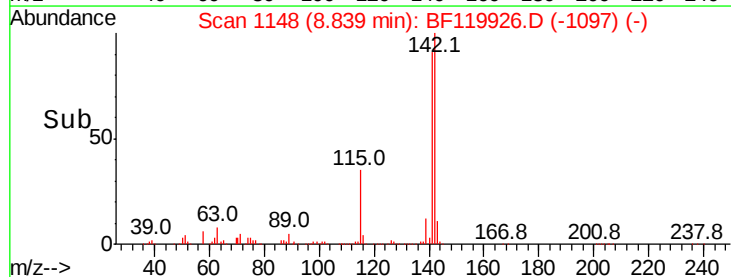
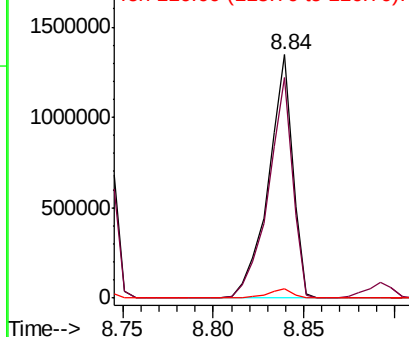


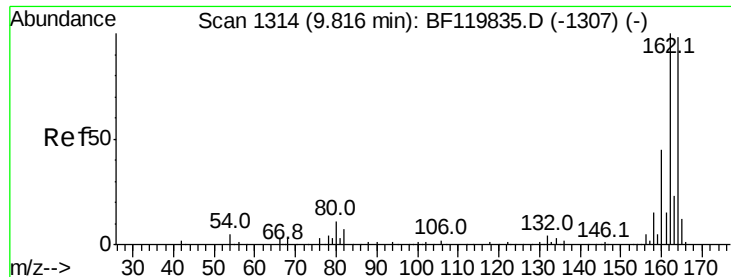
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



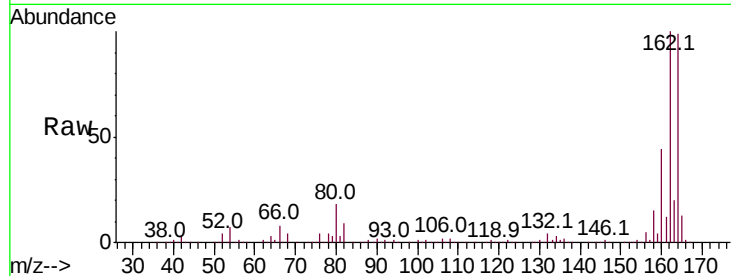


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	81.9	122.9	
160	44.8	36.6	54.8	

Manual Integrations
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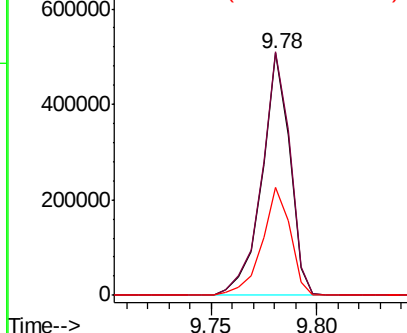


Abundance

Ion 164.00 (163.70 to 164.70): E

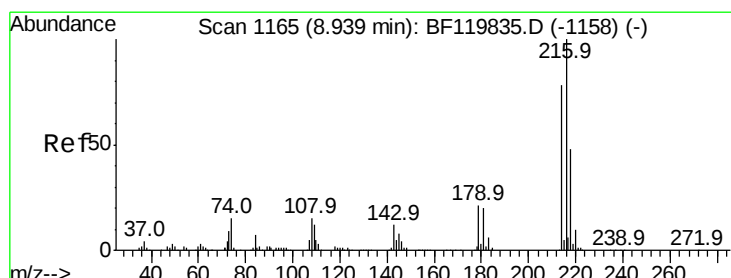
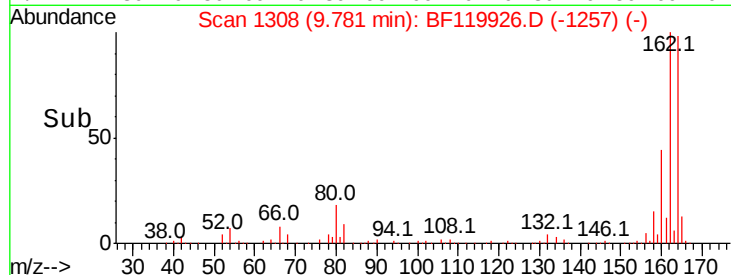
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.958 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	63.1	94.7	
179	20.5	17.0	25.4	
108	20.2	14.8	22.2	

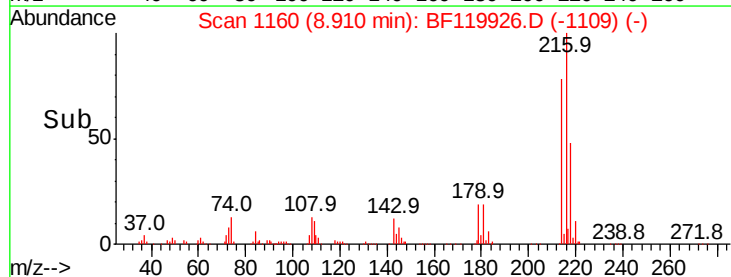
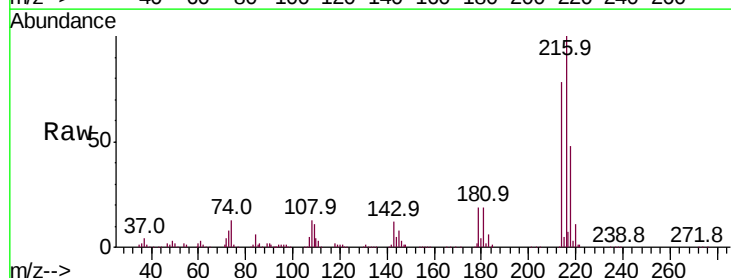
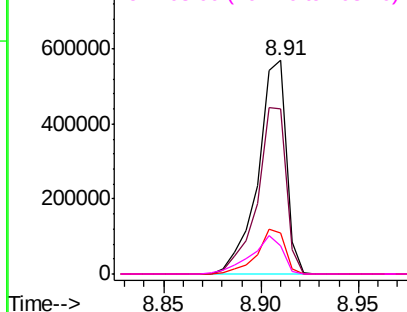
Abundance

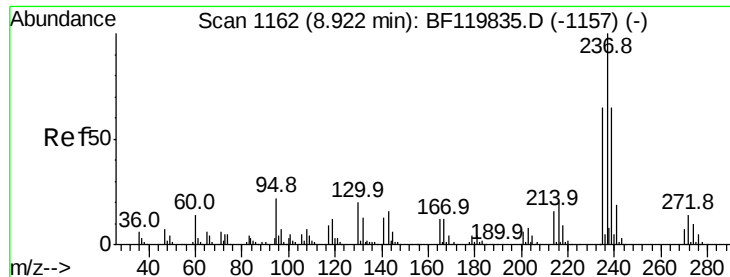
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 81.673 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

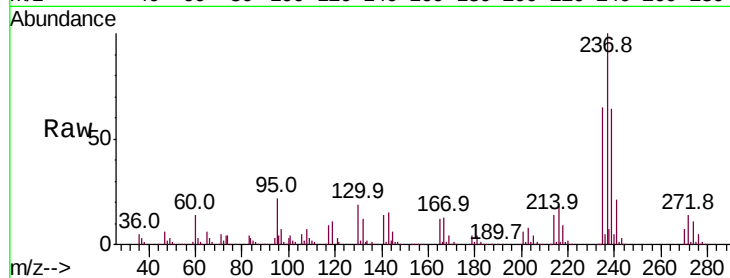
BNA_F

ClientSampled :

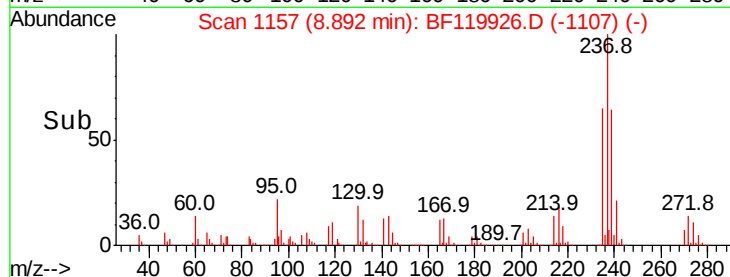
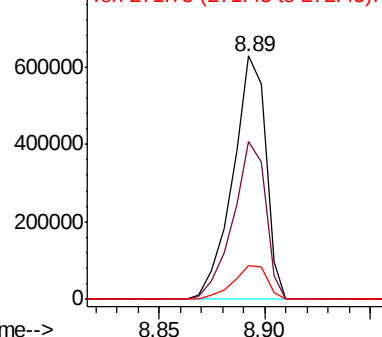
TP-2MS

Tot Ion:	237	Resp:	683027
Ion Ratio		Lower	Upper
237	100		
235	64.6	44.9	84.9
272	13.9	0.0	33.6

Manual Integrations
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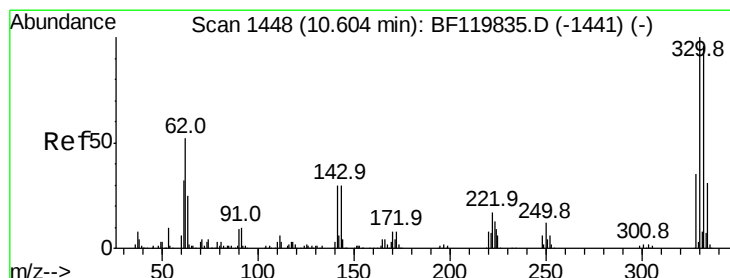


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



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#42

2,4,6-Tribromophenol

Concen: 53.402 ng

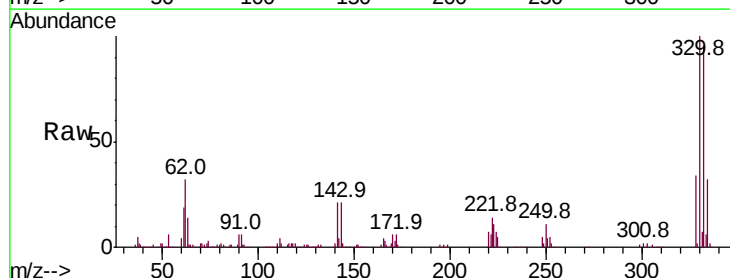
RT: 10.57 min Scan# 1443

Delta R.T. -0.00 min

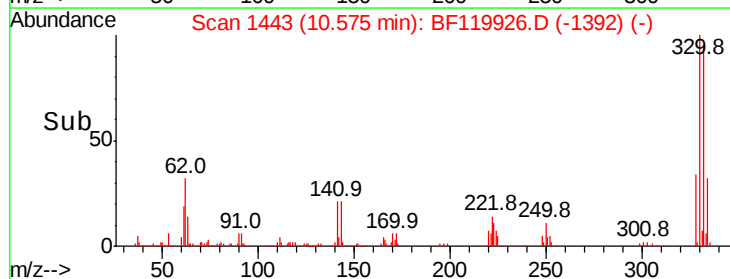
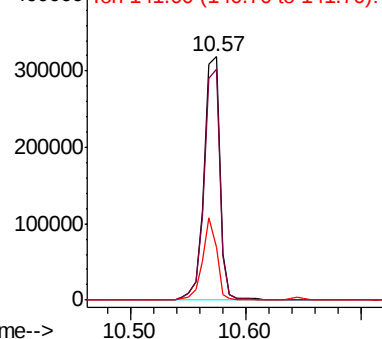
Lab File: BF119926.D

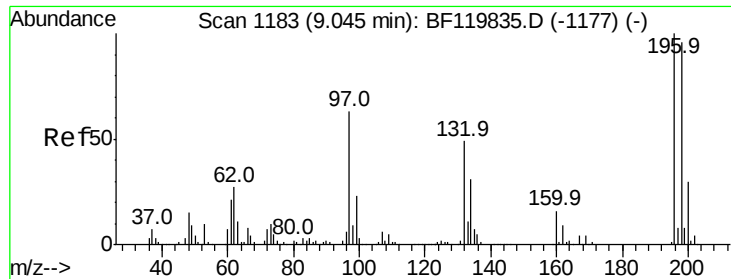
Acq: 13 Apr 2020 20:25

Tgt Ion:	330	Resp:	304448
Ion Ratio		Lower	Upper
330	100		
332	95.0	76.8	115.2
141	30.0	25.1	37.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



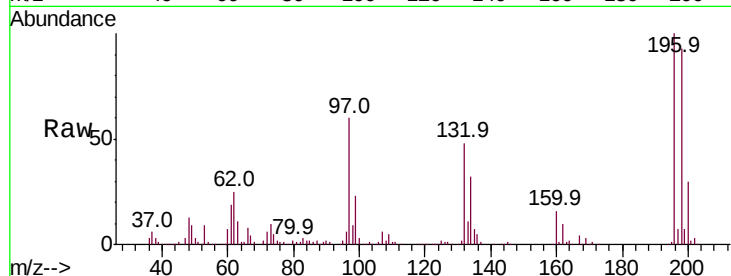


#43
 2,4,6-Trichlorophenol
 Concen: 42.136 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampleID :
 TP-2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	427930		
198	93.4	76.6	115.0	
200	29.7	24.2	36.2	

Manual Integrations
 APPROVED

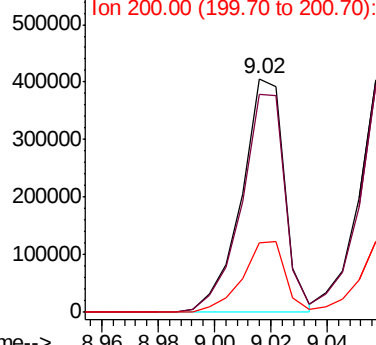


Abundance

Ion 196.00 (195.70 to 196.70): E

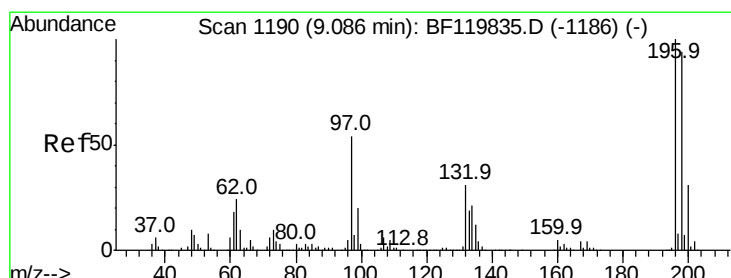
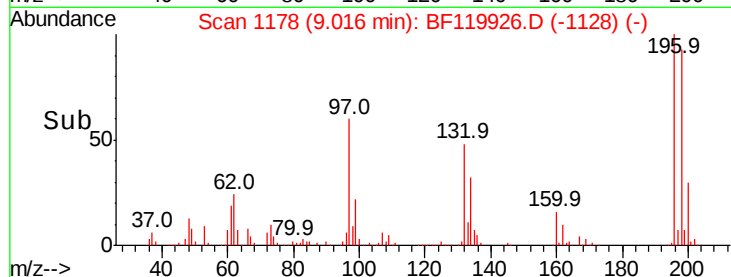
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 38.596 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	441477		
198	96.5	75.1	112.7	
97	44.9	43.4	65.2	
132	27.7	24.5	36.7	

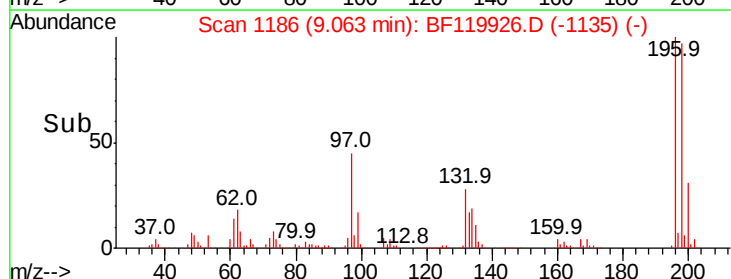
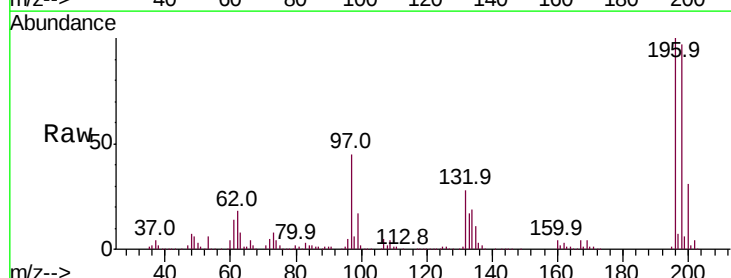
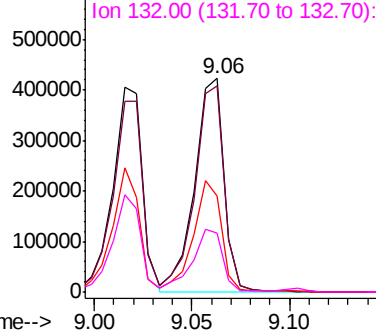
Abundance

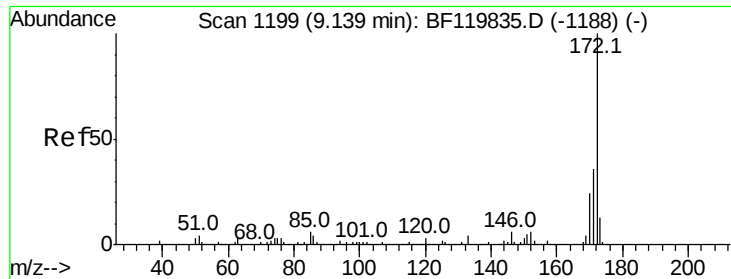
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



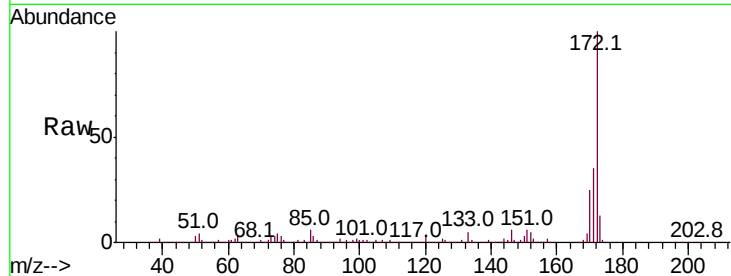


#45
2-Fluorobiphenyl
Concen: 42.797 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	24.6	19.4	29.2

Manual Integrations
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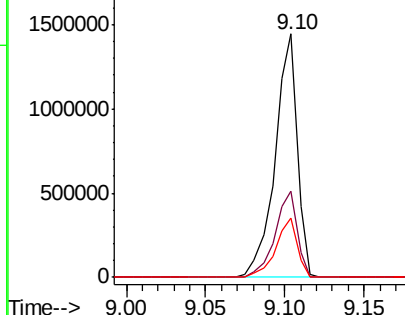
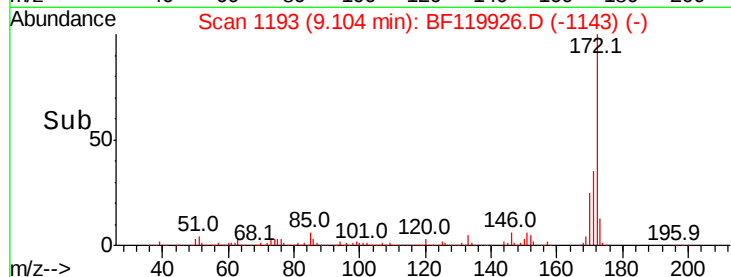


Abundance

Ion 172.00 (171.70 to 172.70): E

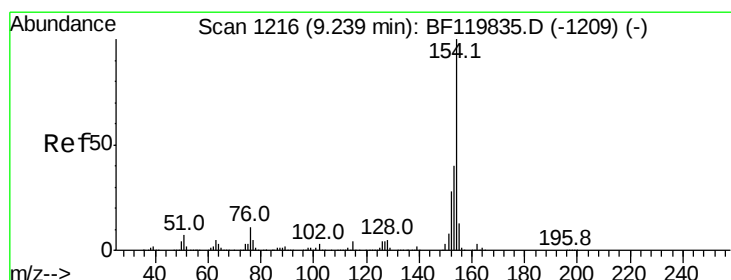
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



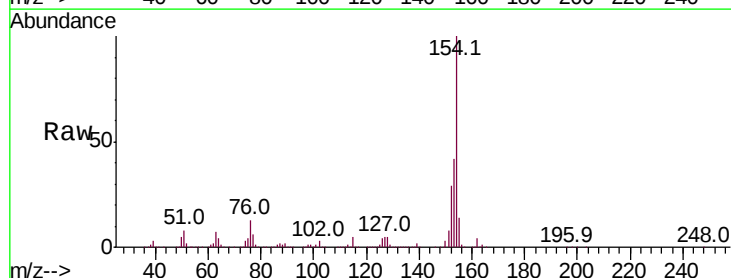
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#46
1,1'-Biphenyl
Concen: 39.566 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.5	60.5
76	13.1	0.0	30.6

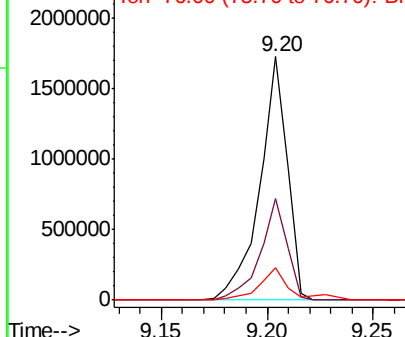
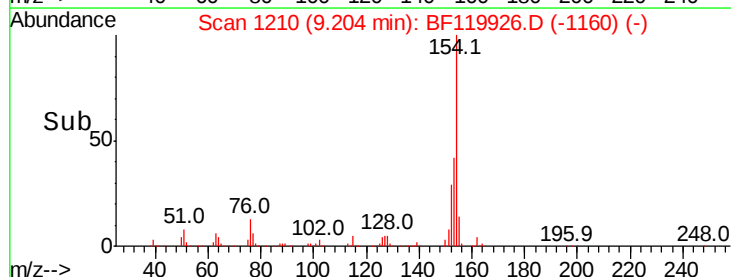


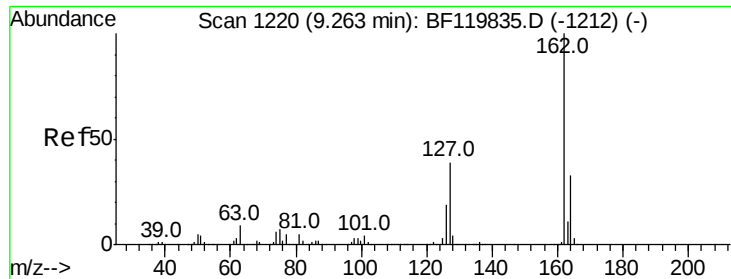
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



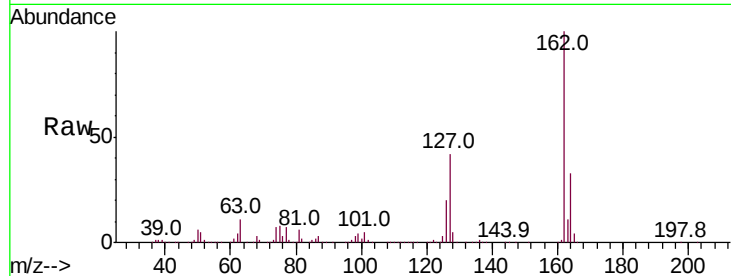


#47
 2-Chloronaphthalene
 Concen: 40.810 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

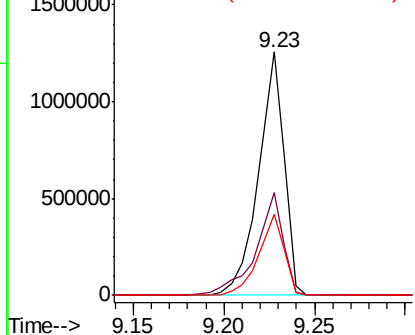
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.2	46.8
164	33.2	26.3	39.5

Manual Integrations
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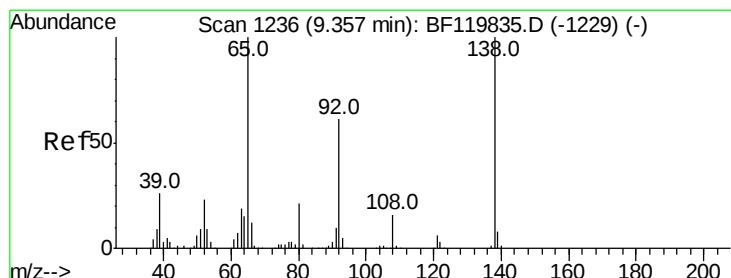
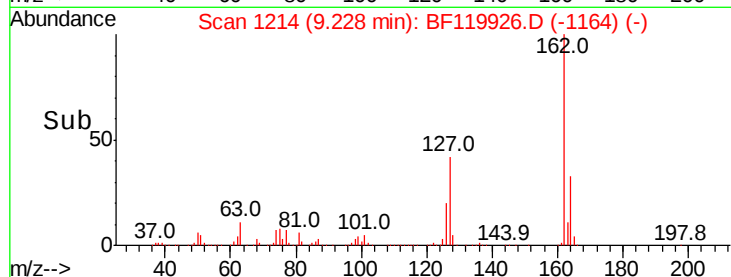


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



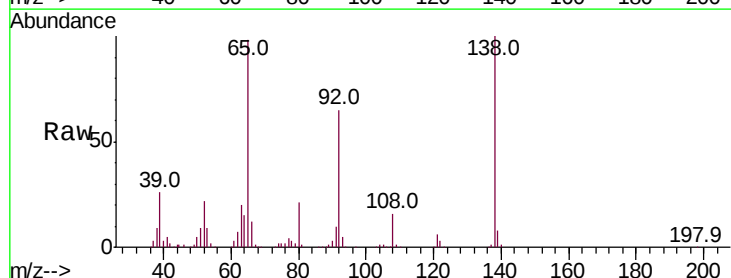
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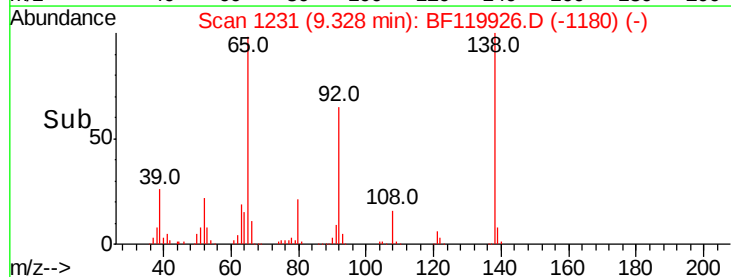
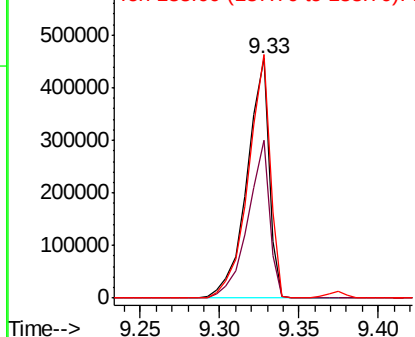


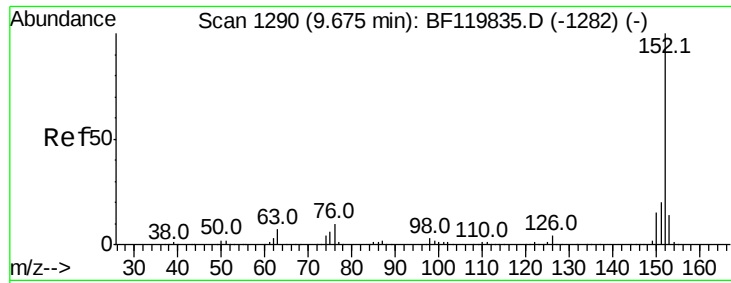
#48
 2-Nitroaniline
 Concen: 40.054 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	49.0	73.6
138	101.8	79.7	119.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.646 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampled :

TP-2MS

Tot Ion:152 Resp: 1917616

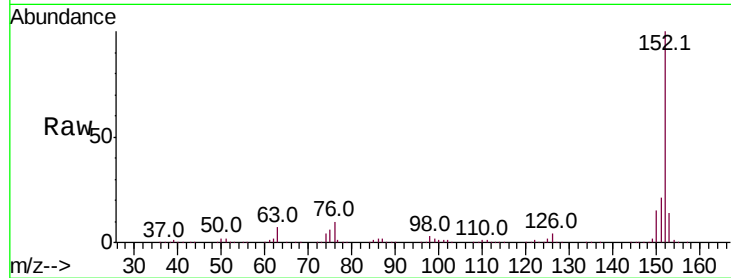
Ion Ratio Lower Upper

152 100

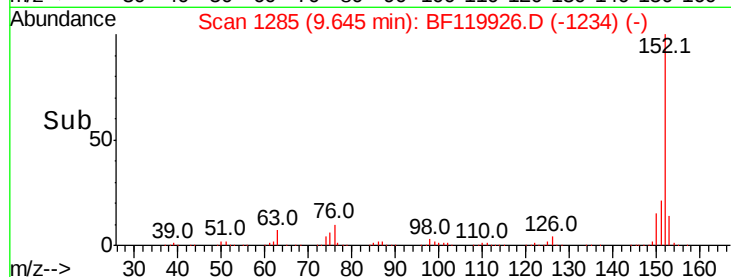
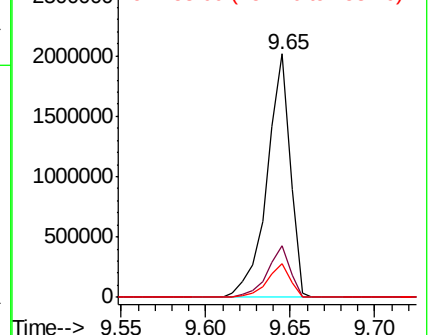
151 21.3 16.2 24.4

153 13.7 10.9 16.3

Manual Integrations
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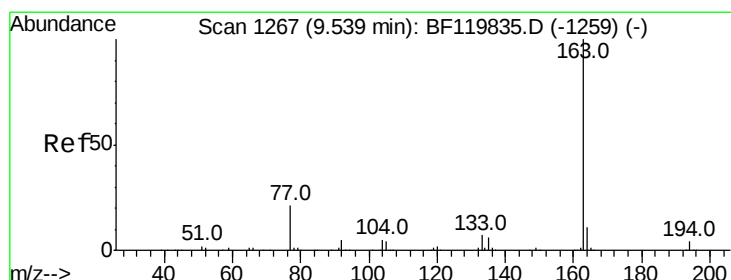


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 43.198 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

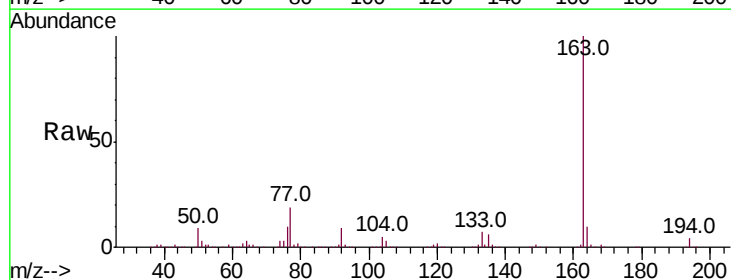
Tgt Ion:163 Resp: 1555863

Ion Ratio Lower Upper

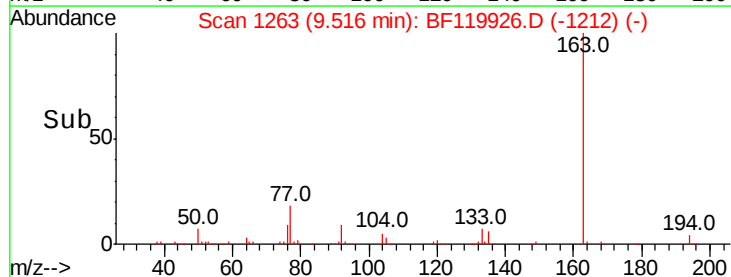
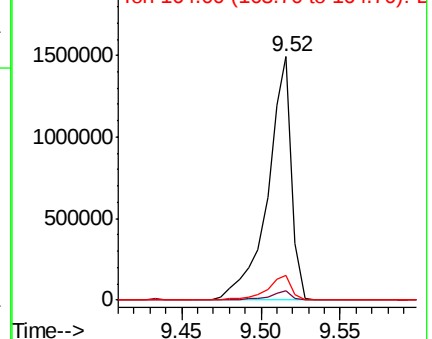
163 100

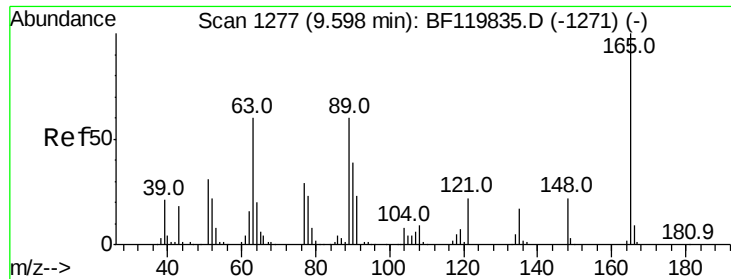
194 3.8 3.0 4.4

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.264 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

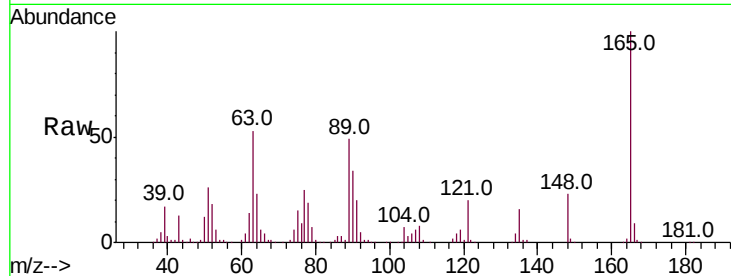
BNA_F

ClientSampled :

TP-2MS

Tot Ion:	165	Resp:	333342
Ion Ratio	Lower	Upper	
165	100		
63	52.9	55.6	83.4#
89	49.0	47.9	71.9

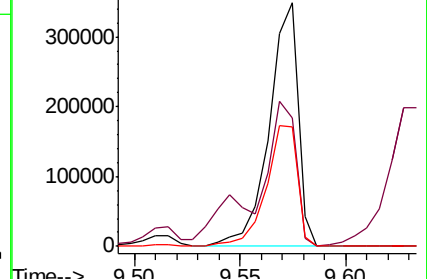
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E

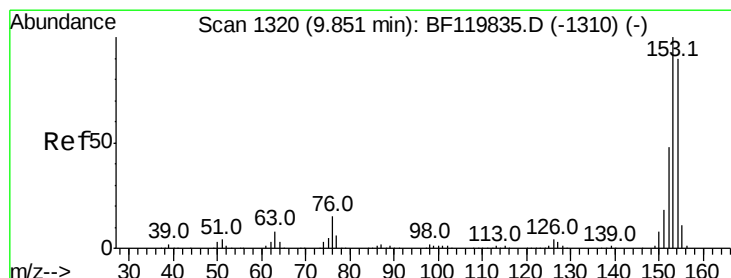
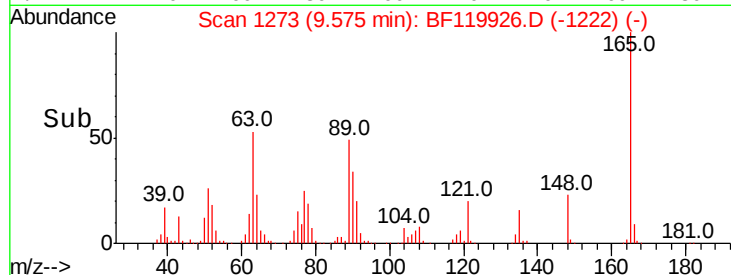
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



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#52

Acenaphthene

Concen: 38.253 ng

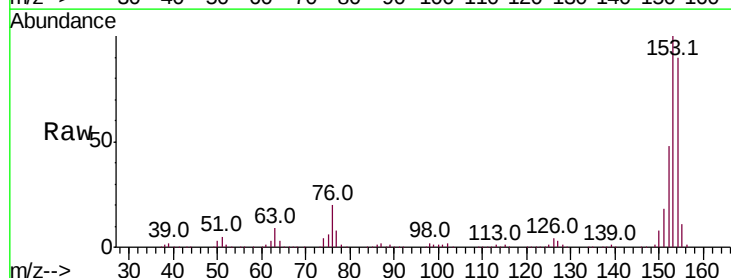
RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

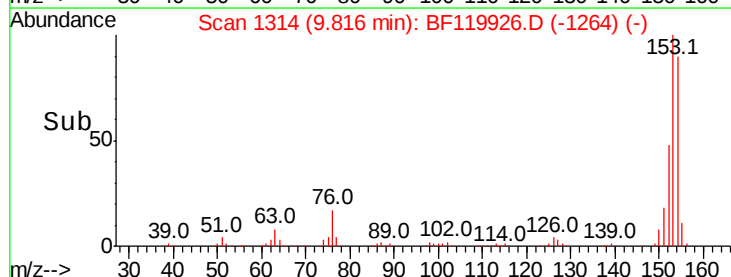
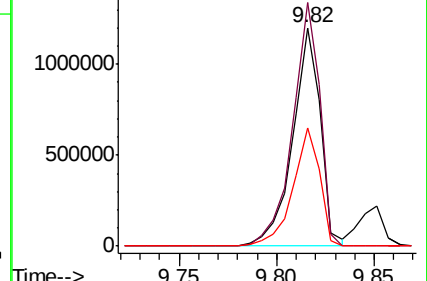
Tgt Ion:	154	Resp:	1174959
Ion Ratio	Lower	Upper	
154	100		
153	111.5	88.8	133.2
152	54.1	42.4	63.6

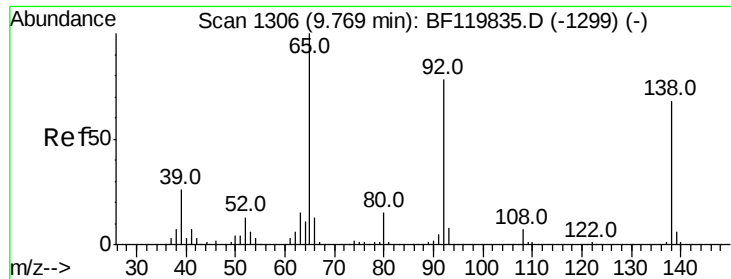


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



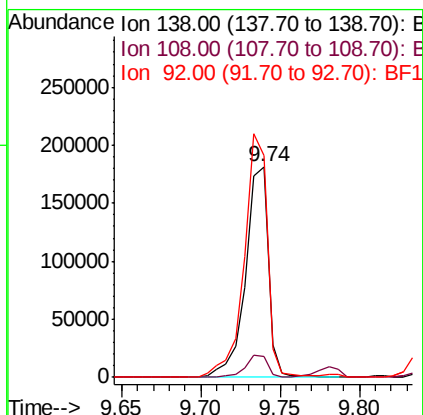
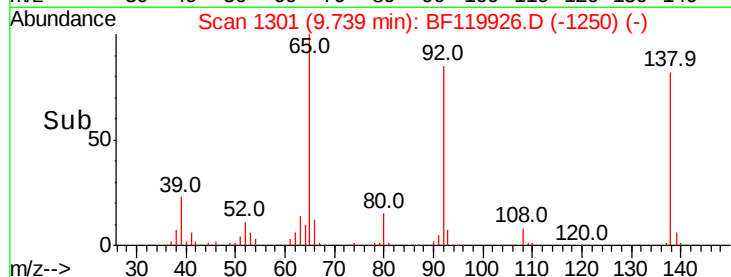
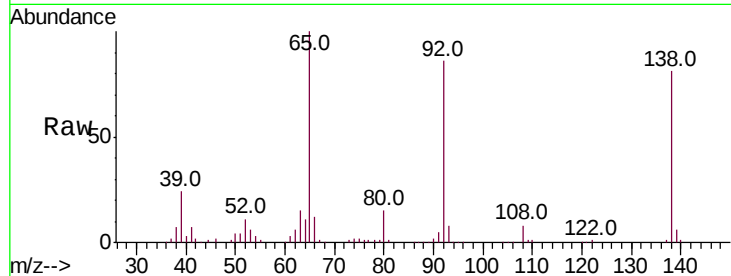


#53
3-Nitroaniline
Concen: 20.224 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

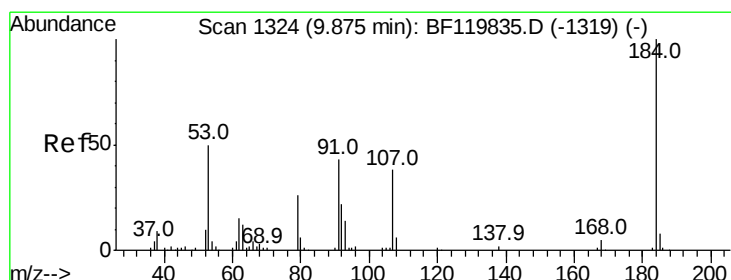
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	105.1	92.1	138.1

Manual Integrations
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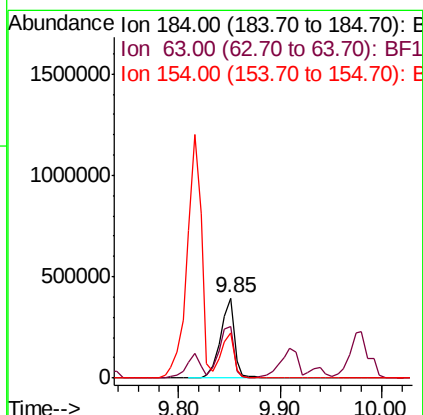
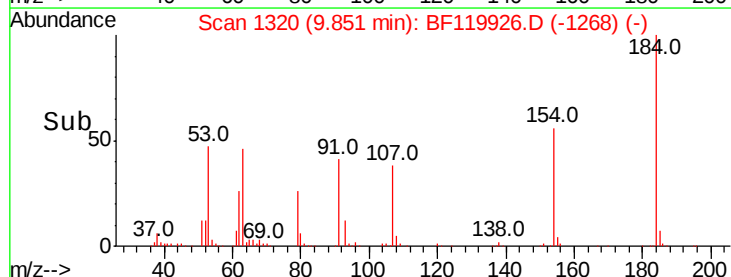
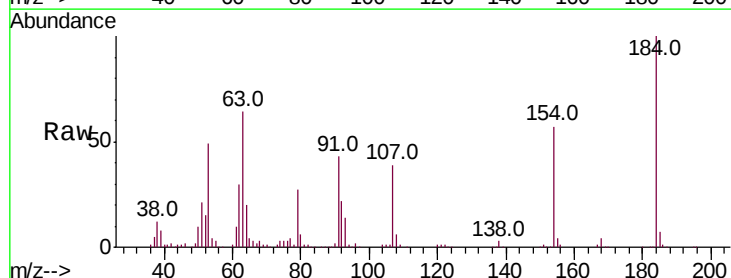
mohammad

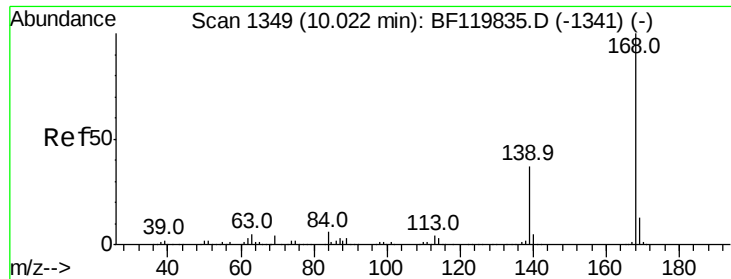
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#54
2,4-Dinitrophenol
Concen: 81.342 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.1	49.8	74.6
154	56.6	46.5	69.7



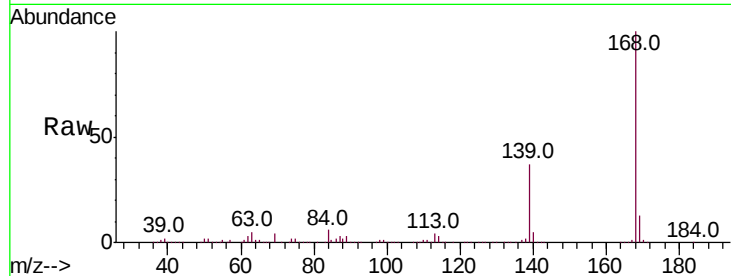


#55
Dibenzofuran
Concen: 41.791 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

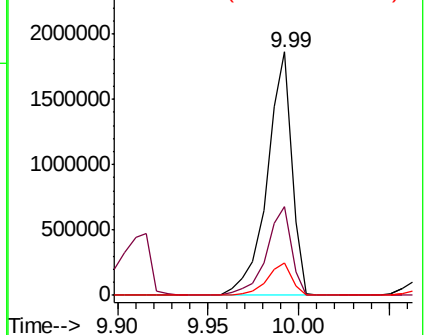
Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	29.8	44.6
169	13.4	10.6	15.8

Manual Integrations
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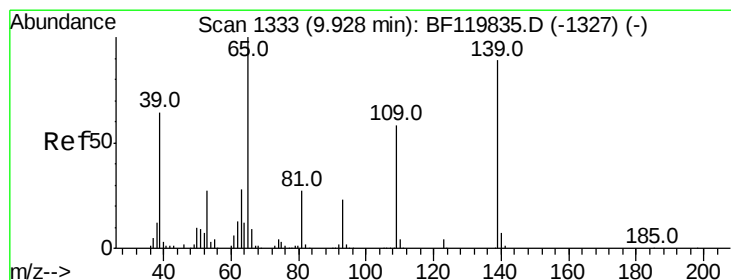
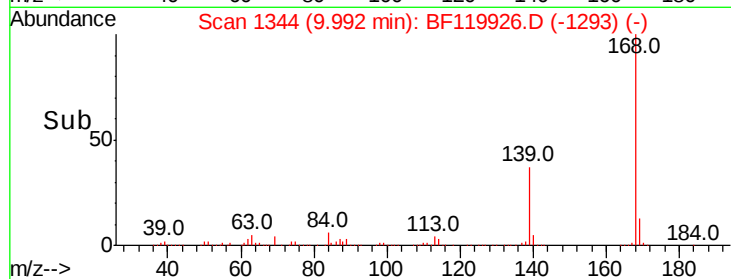


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



mohammad

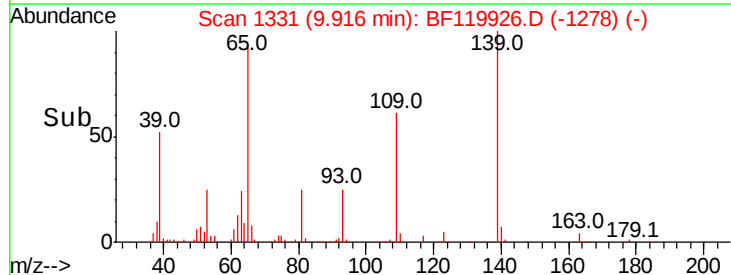
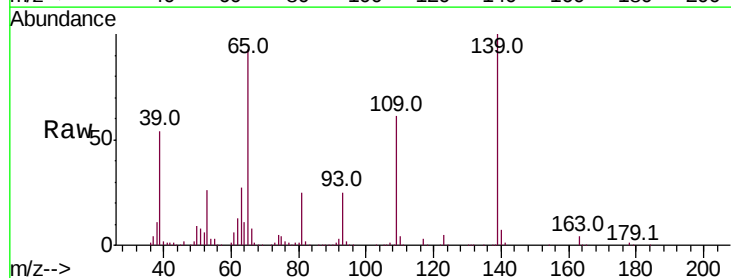
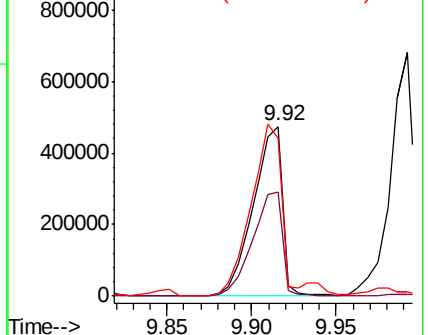
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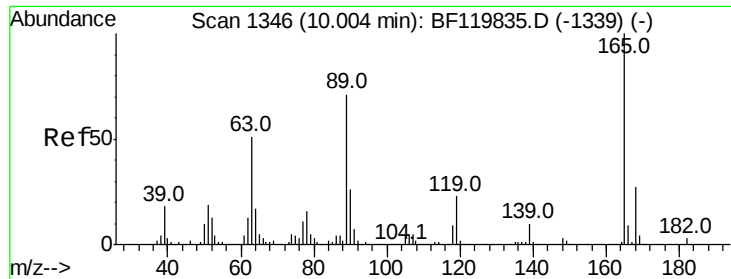


#56
4-Nitrophenol
Concen: 85.480 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.1	45.5	85.5
65	92.6	92.3	132.3

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



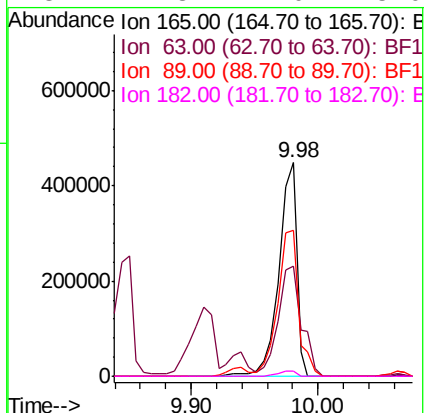
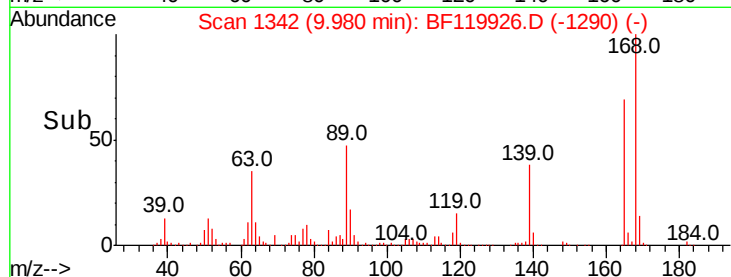
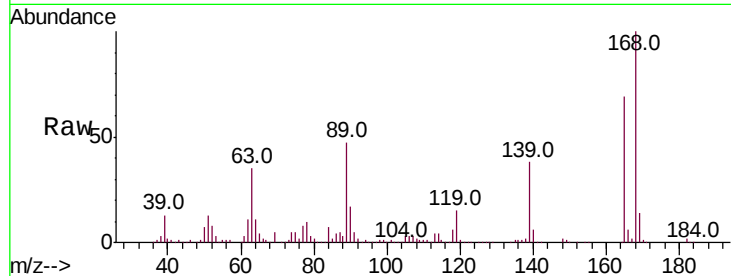


#57
2,4-Dinitrotoluene
Concen: 41.887 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

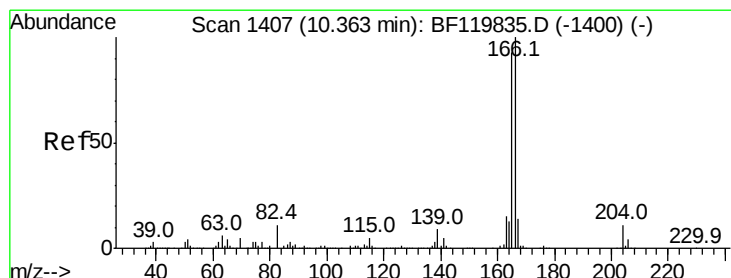
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	40.8	61.2	
89	68.5	56.9	85.3	
182	2.3	2.0	3.0	

Manual Integrations
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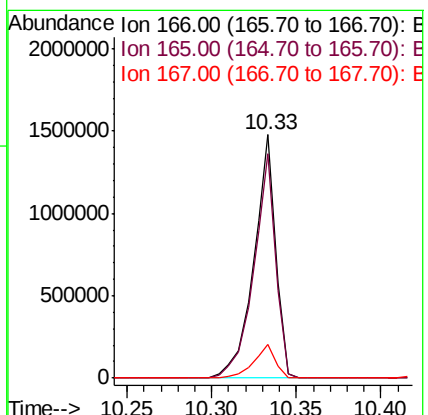
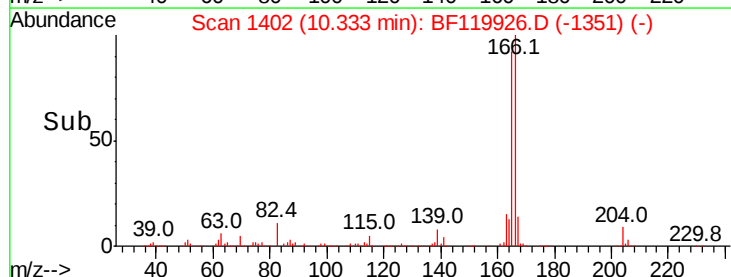
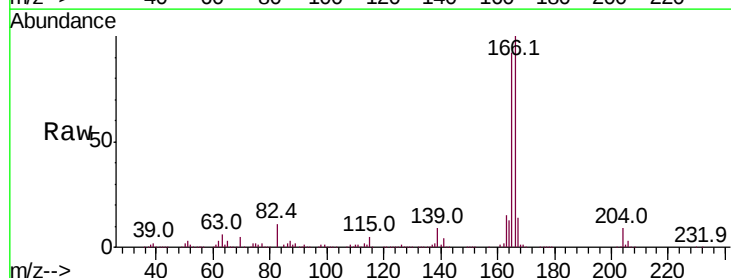
mohammad

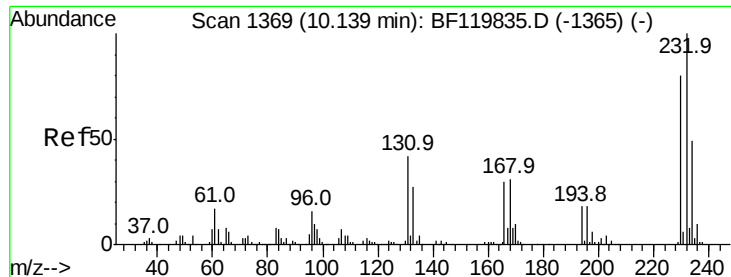
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#58
Fluorene
Concen: 39.563 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	92.1	74.2	111.2	
167	13.7	10.8	16.2	



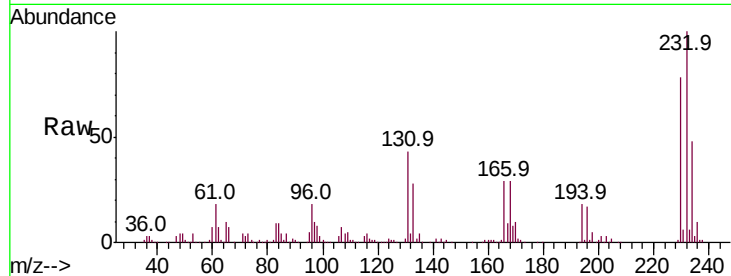


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.940 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

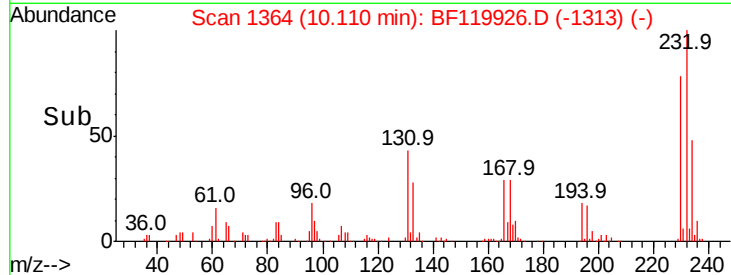
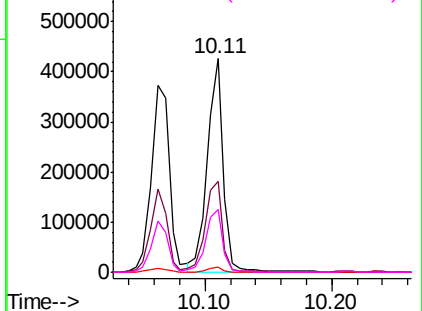
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.9	56.9
130	2.2	1.8	2.6
166	31.0	25.4	38.0

Manual Integrations
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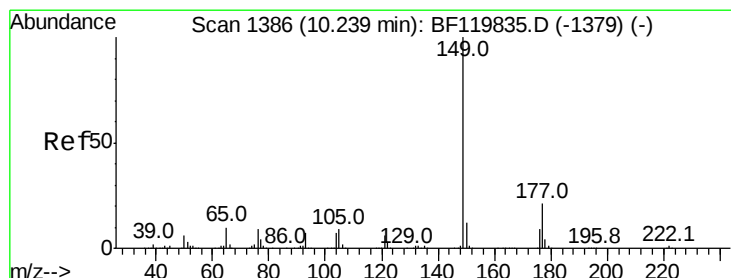


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



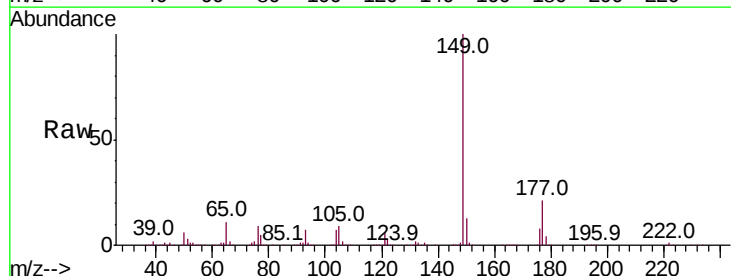
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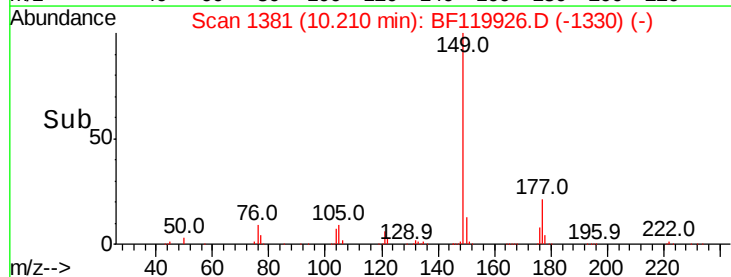
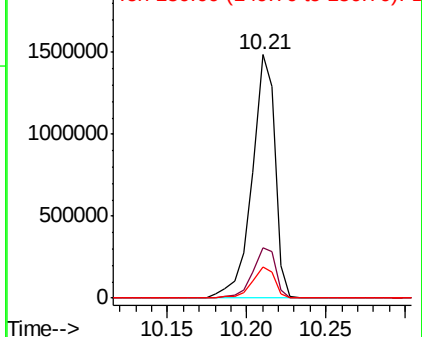


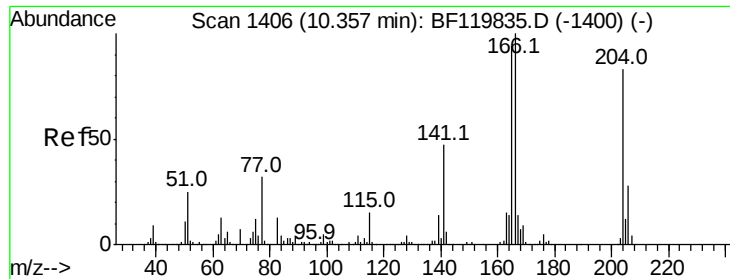
#60
 Diethylphthalate
 Concen: 39.849 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.8	25.2
150	12.7	9.8	14.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



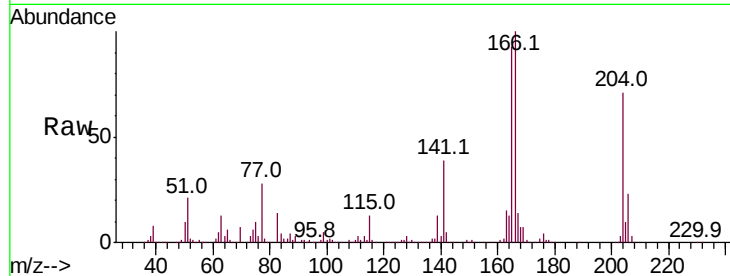


#61
 4-Chlorophenyl-phenylether
 Concen: 36.756 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

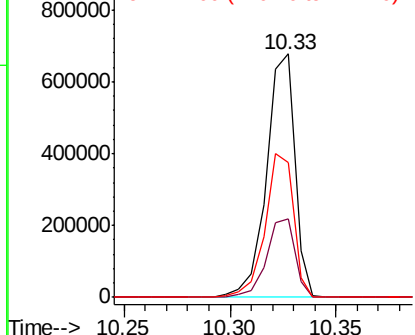
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	55.4	45.8	68.8

Manual Integrations
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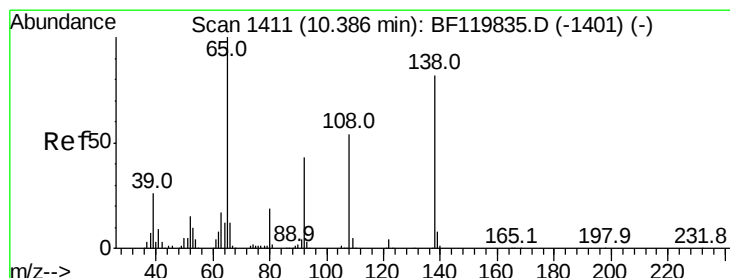
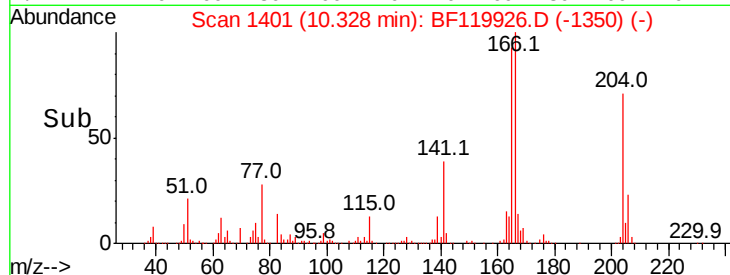


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E



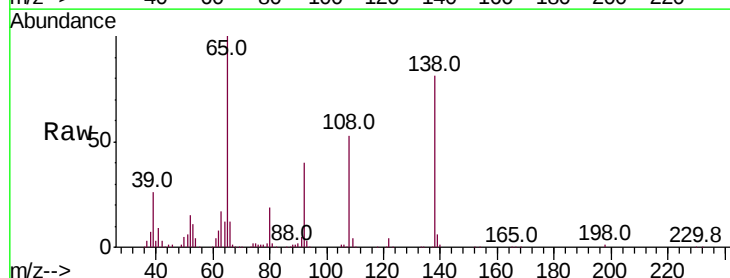
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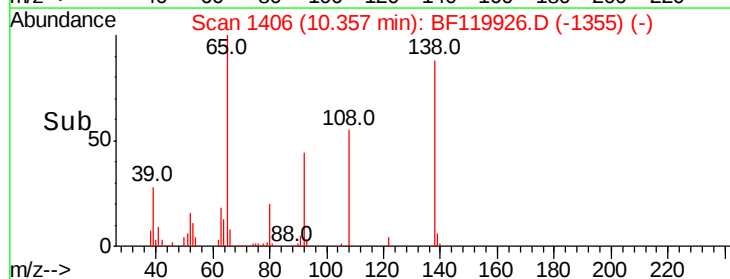
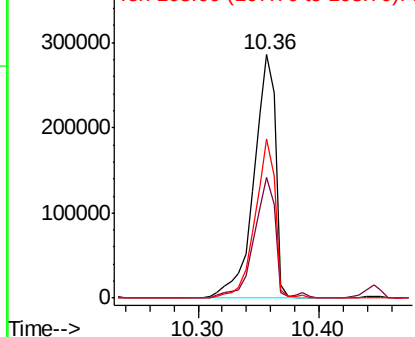


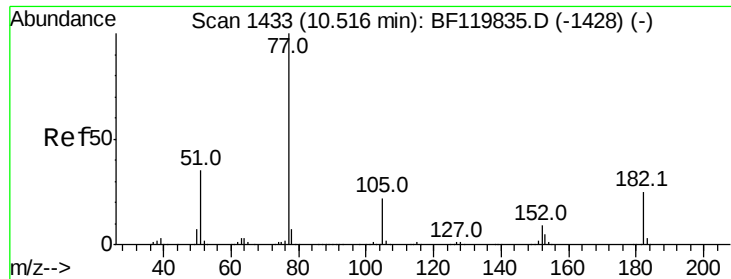
#62
 4-Nitroaniline
 Concen: 41.704 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.6	71.6
108	65.2	45.2	85.2



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.534 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion: 77 Resp: 1389461

Ion Ratio Lower Upper

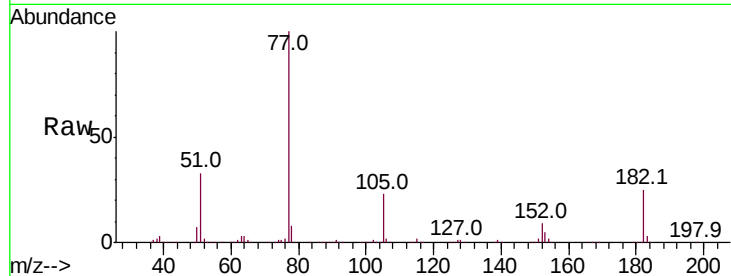
77 100

182 25.4 4.5 44.5

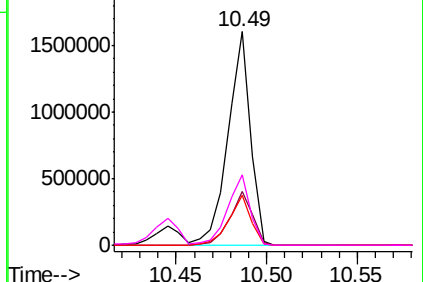
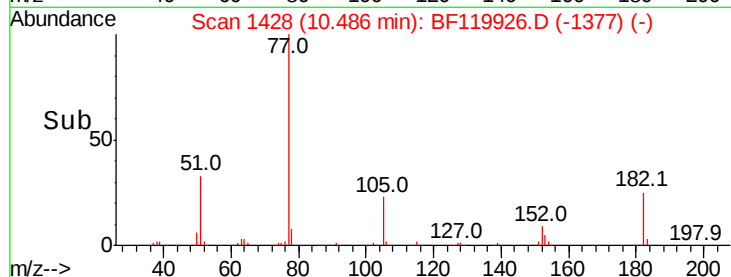
105 23.1 2.2 42.2

51 33.2 15.1 55.1

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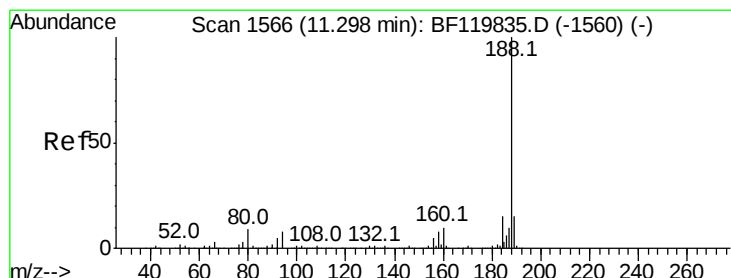


Abundance Ion 77.00 (76.70 to 77.70): BF1
2500000
Ion 182.00 (181.70 to 182.70): BF1
2000000
Ion 105.00 (104.70 to 105.70): BF1
1500000
Ion 51.00 (50.70 to 51.70): BF1
1000000
500000
0



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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

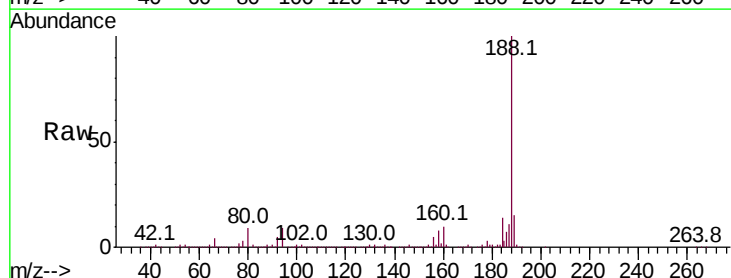
Tgt Ion: 188 Resp: 892284

Ion Ratio Lower Upper

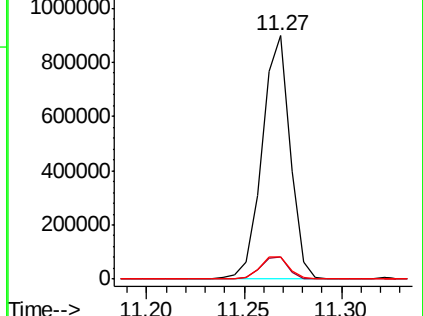
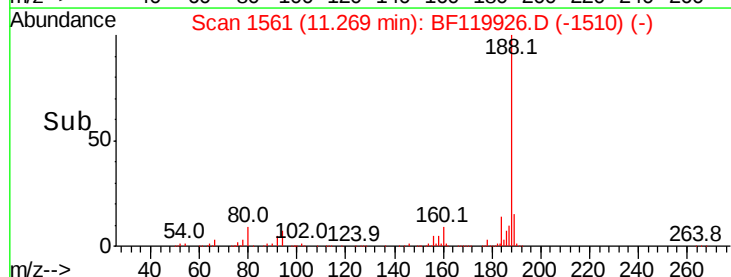
188 100

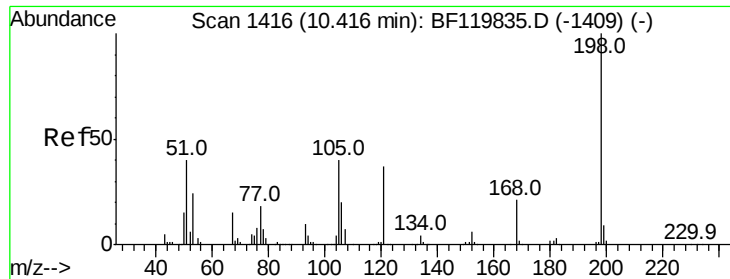
94 8.9 6.7 10.1

80 9.0 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
1200000
Ion 94.00 (93.70 to 94.70): BF1
1000000
Ion 80.00 (79.70 to 80.70): BF1
800000
600000
400000
200000
0



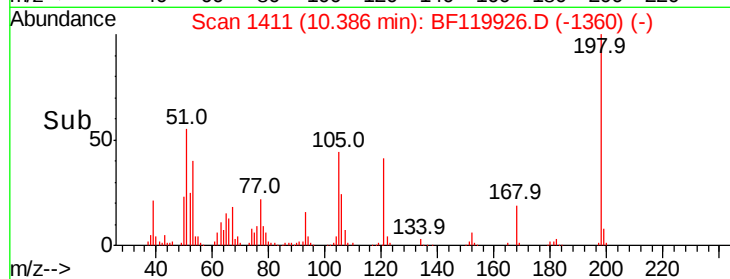
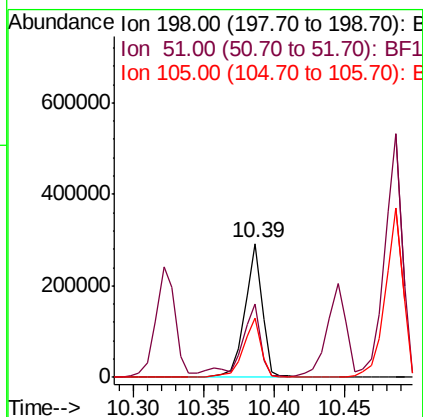
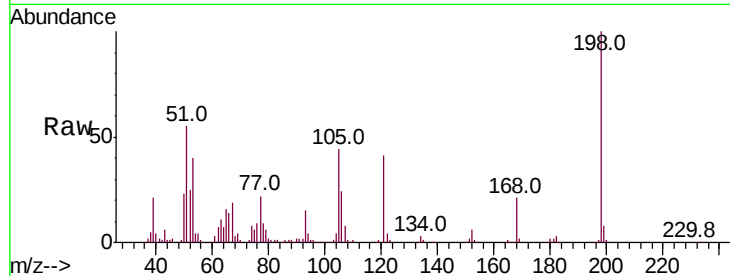


#65
4,6-Dinitro-2-methylphenol
Concen: 42.582 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

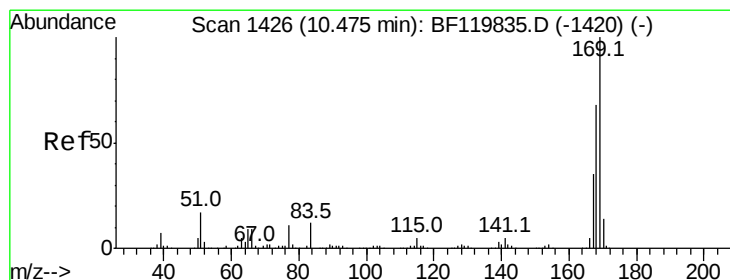
Tot Ion	Ratio	Resp	Lower	Upper
198	100	250316		
51	54.8	25.2	65.2	
105	44.0	20.8	60.8	

Manual Integrations
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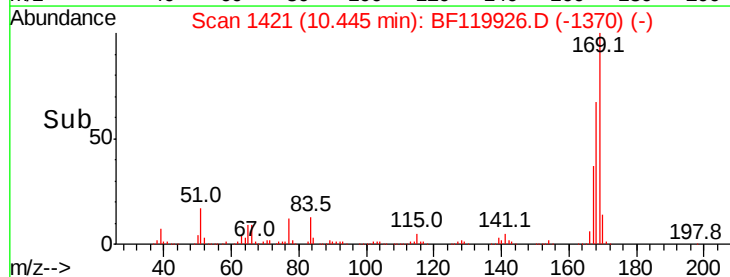
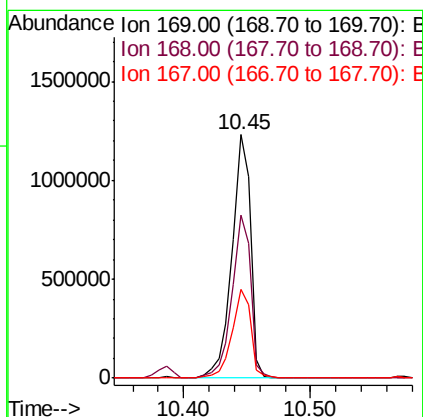
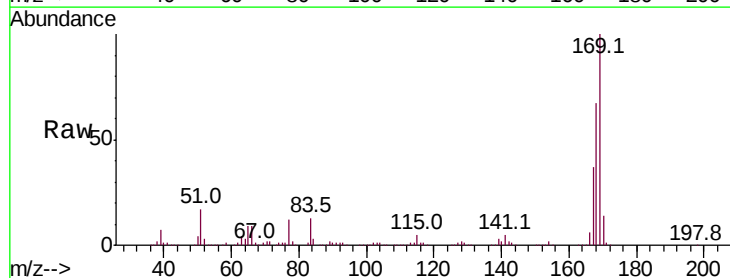
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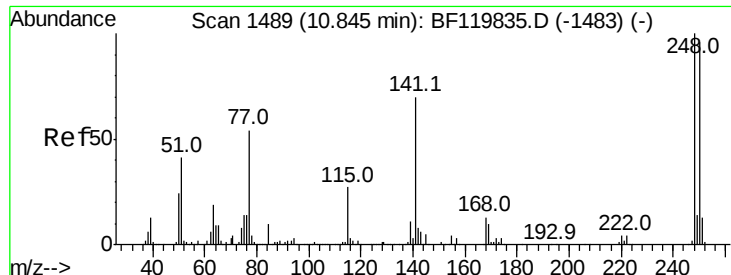
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#66
n-Nitrosodiphenylamine
Concen: 41.550 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1232976		
168	66.9	54.2	81.4	
167	36.6	28.3	42.5	



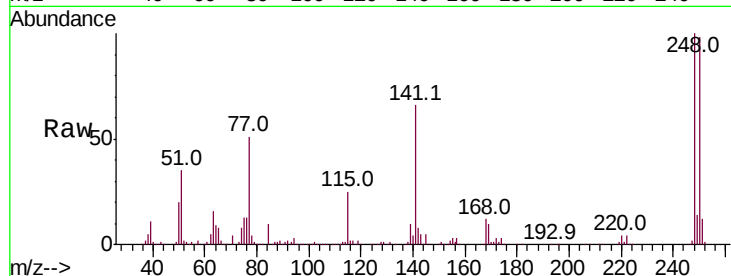


#67
 4-Bromophenyl-phenylether
 Concen: 38.936 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.6	114.8
141	65.7	55.9	83.9

Manual Integrations
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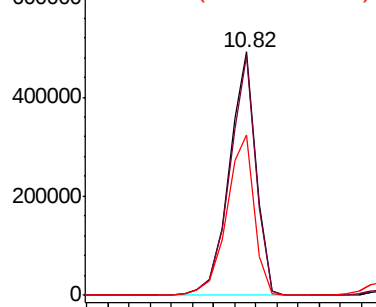


Abundance

Ion 248.00 (247.70 to 248.70): E

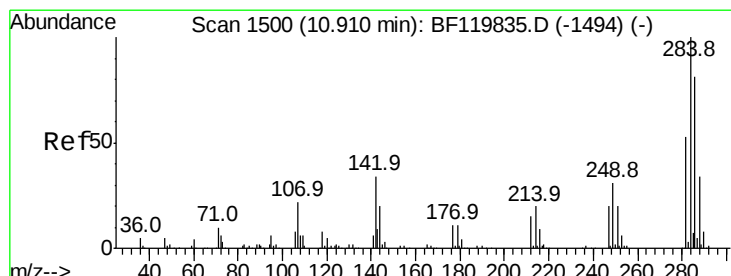
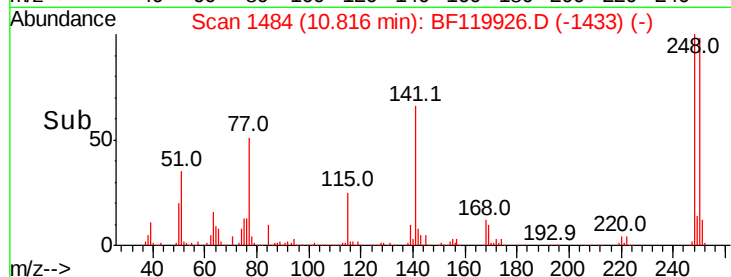
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#68
 Hexachlorobenzene
 Concen: 41.309 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

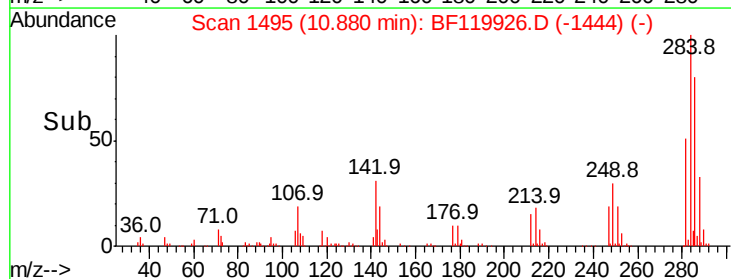
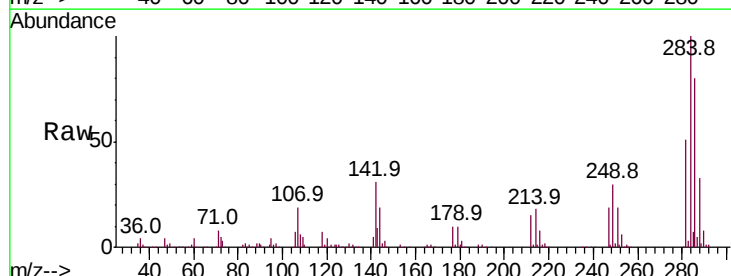
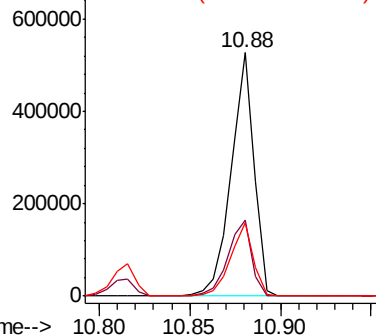
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	26.9	40.3
249	30.0	24.6	37.0

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



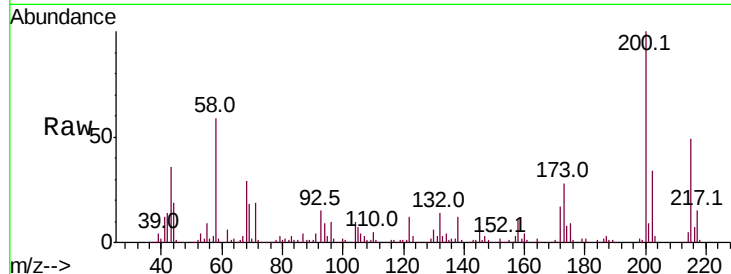


#69
Atrazine
Concen: 46.805 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

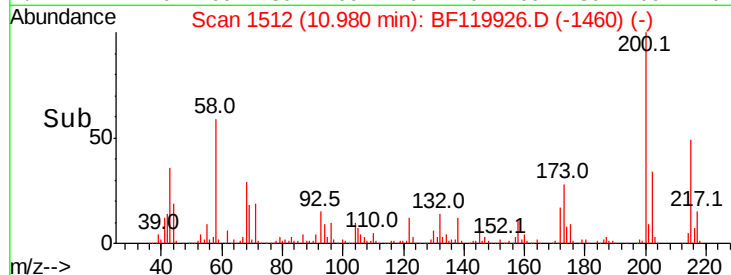
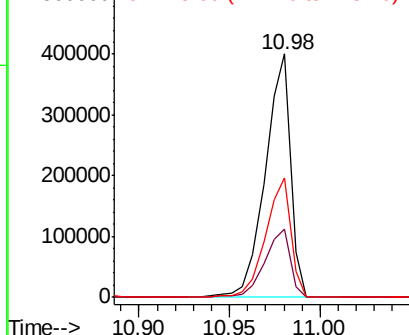
Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	8.0	48.0
215	49.0	27.1	67.1

Manual Integrations
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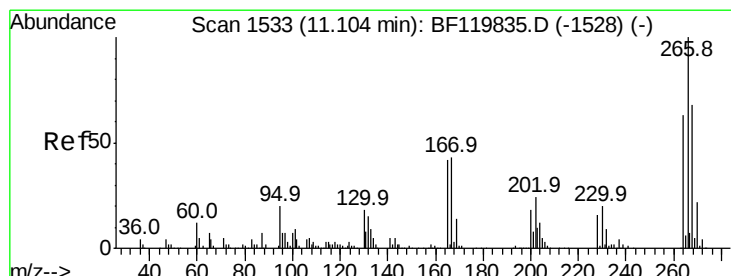


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



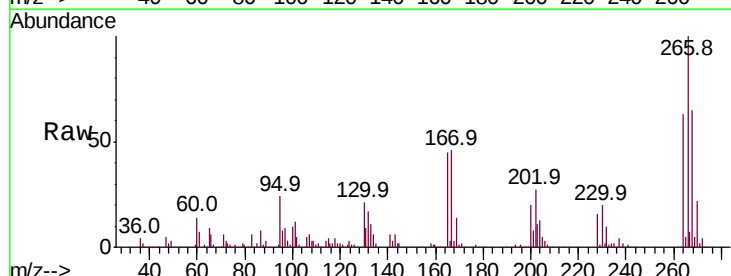
mohammad

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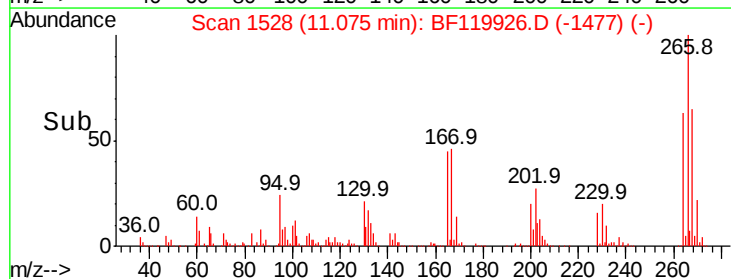
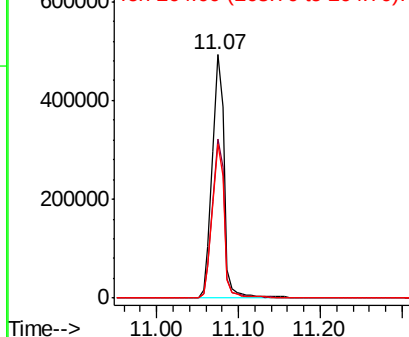


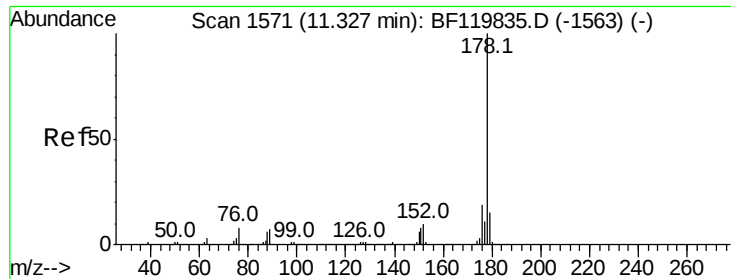
#70
Pentachlorophenol
Concen: 78.616 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.5	54.2	81.4
264	63.1	50.6	76.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.932 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tot Ion:178 Resp: 1943793

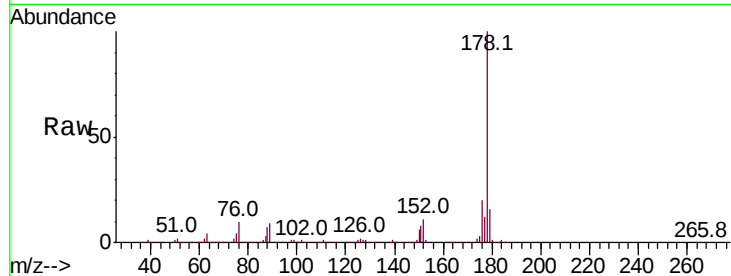
Ion Ratio Lower Upper

178 100

176 20.0 15.1 22.7

179 16.2 12.2 18.4

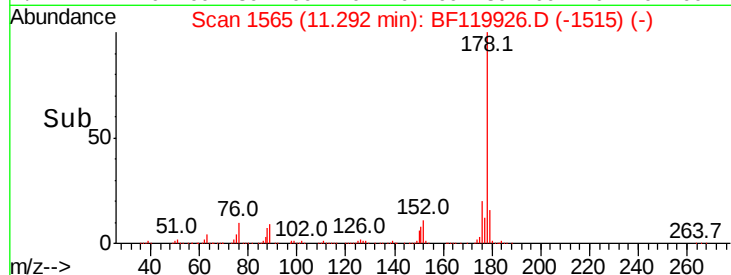
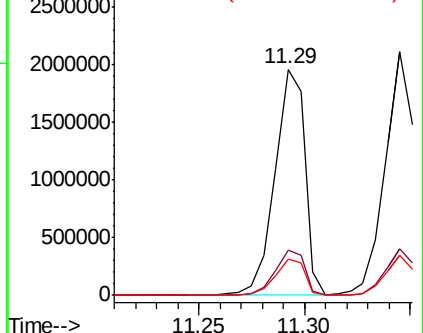
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Abundance Ion 178.00 (177.70 to 178.70): E

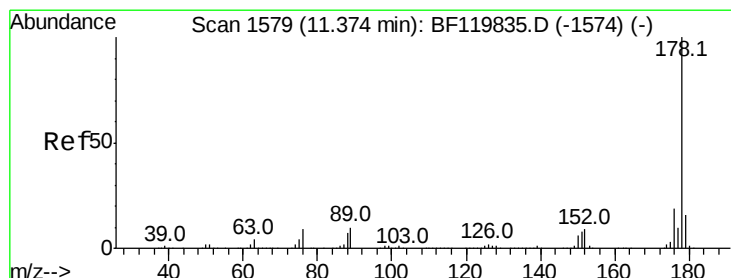
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



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#72

Anthracene

Concen: 41.136 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:178 Resp: 1995570

Ion Ratio Lower Upper

178 100

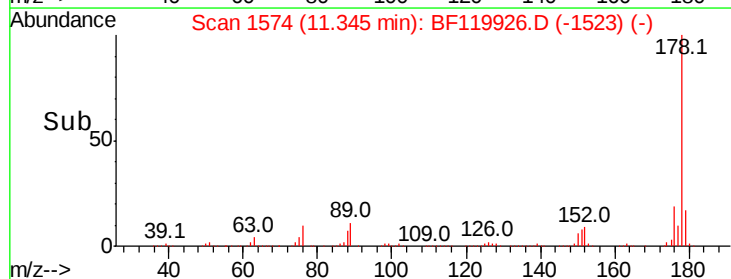
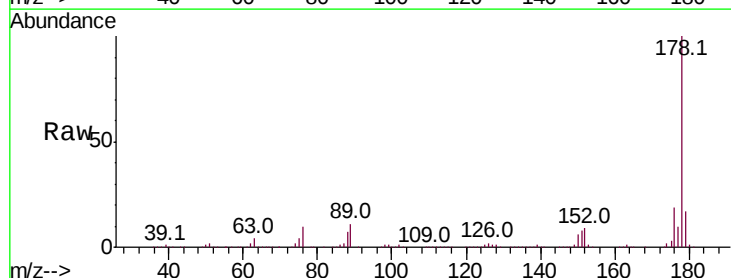
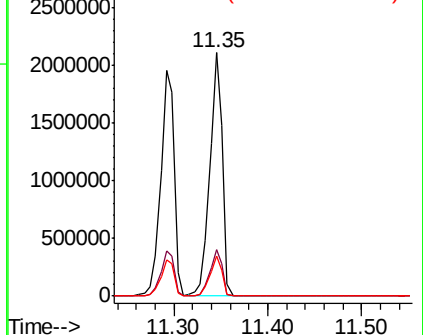
176 19.4 15.4 23.2

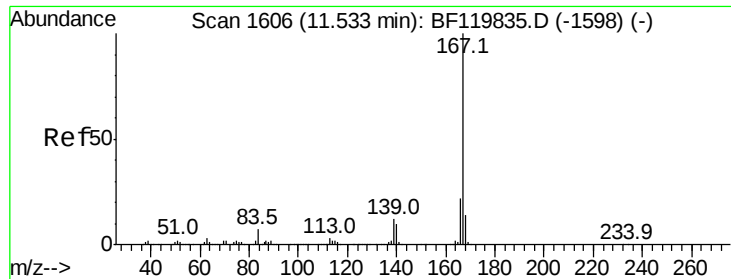
179 16.7 12.8 19.2

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



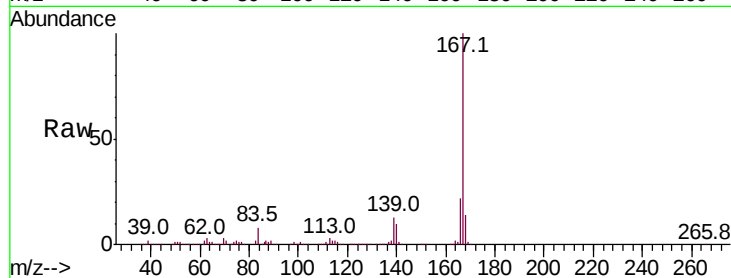


#73
 Carbazole
 Concen: 40.104 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.2	9.8	14.8

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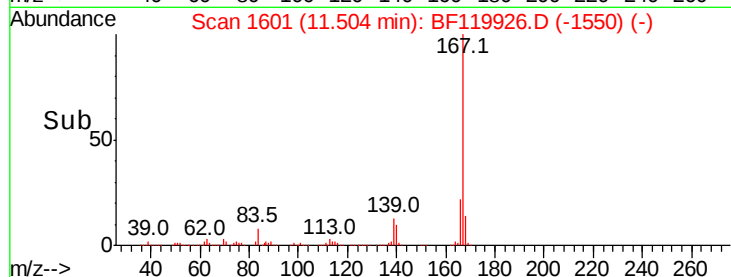
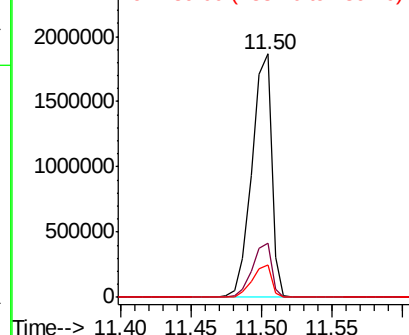


Abundance

Ion 167.00 (166.70 to 167.70): E

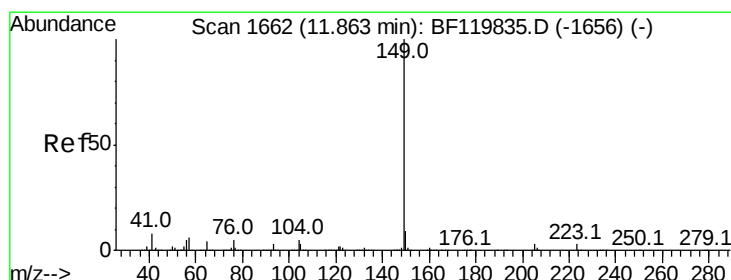
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



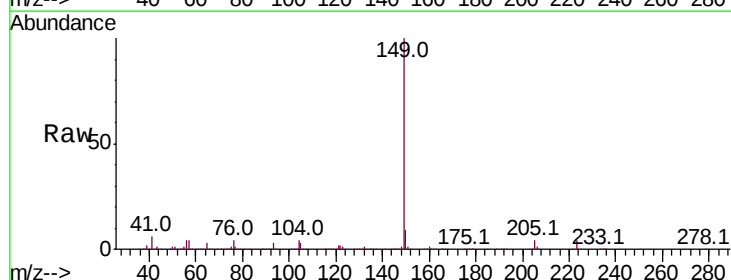
mohammad

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#74
 Di-n-butylphthalate
 Concen: 37.914 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	4.3	3.8	5.6

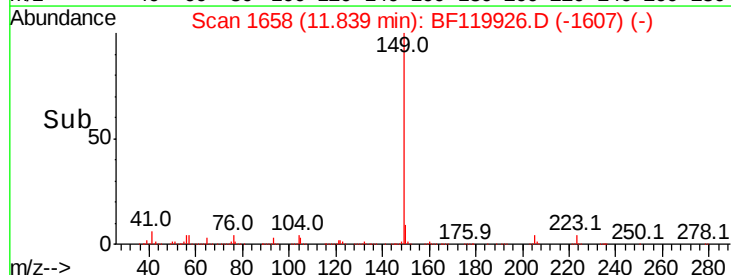
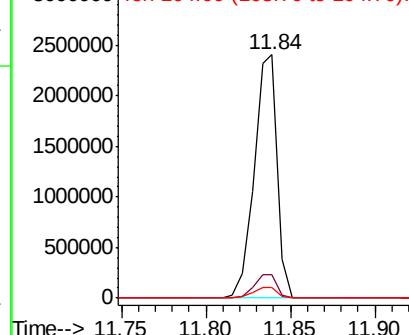


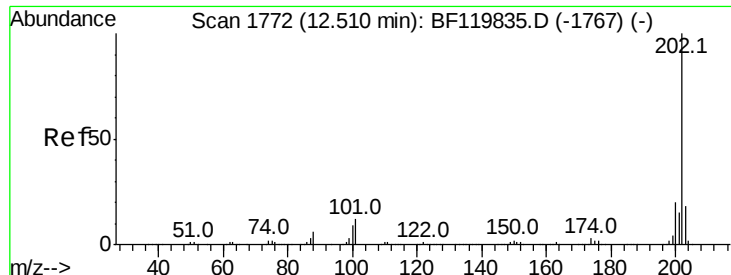
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



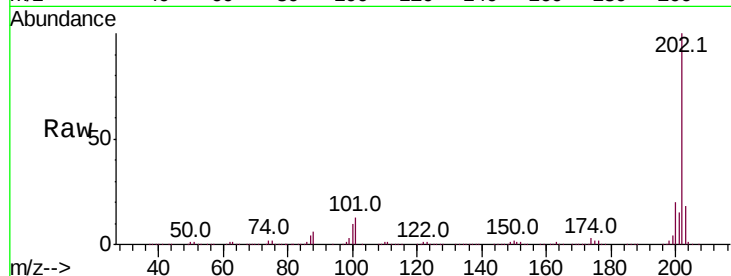


#75
Fluoranthene
Concen: 41.465 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.3
203	18.2	0.0	37.6

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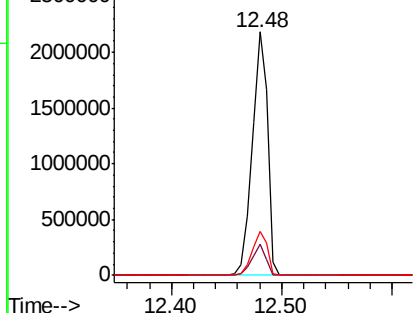
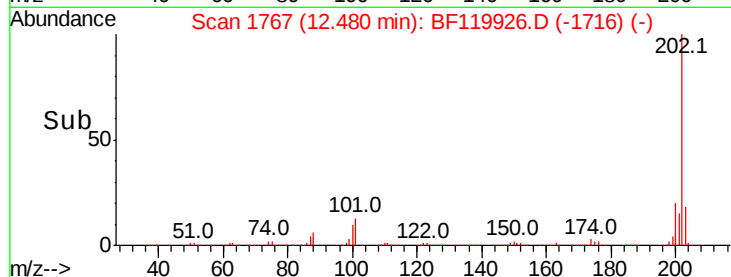


Abundance

Ion 202.00 (201.70 to 202.70): E

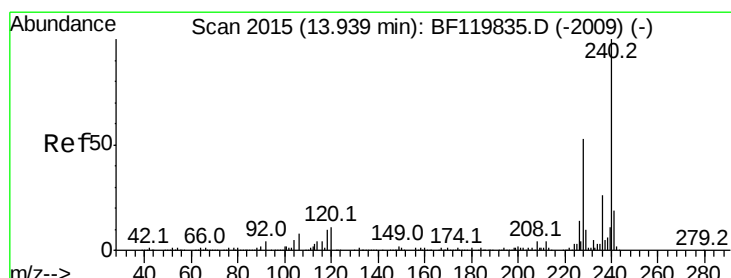
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



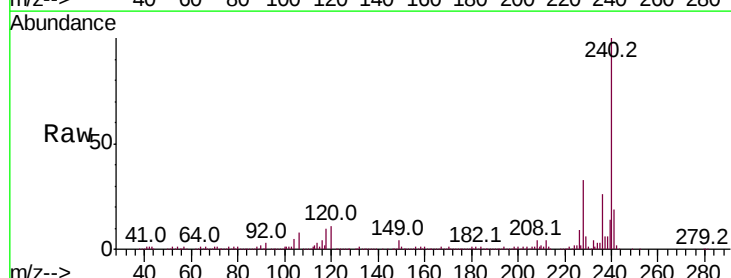
mohammad

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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.0	13.6
236	26.1	20.7	31.1

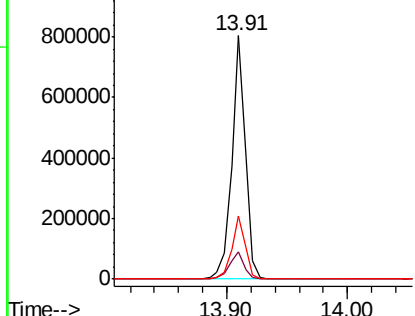
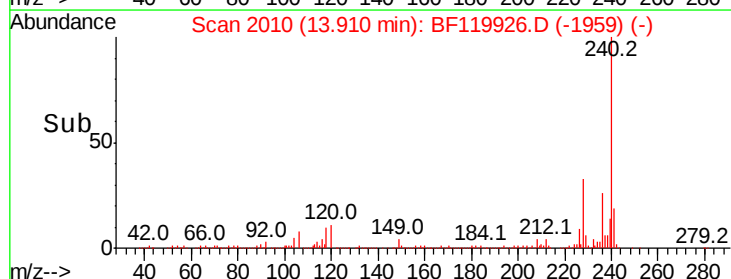


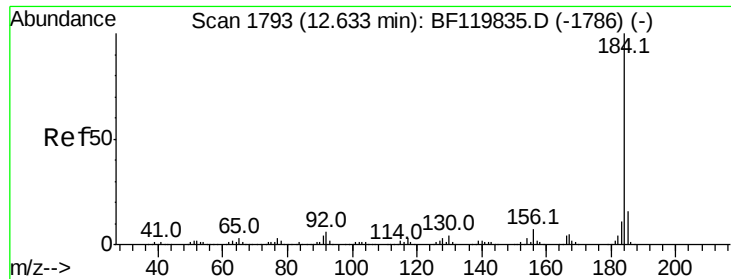
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



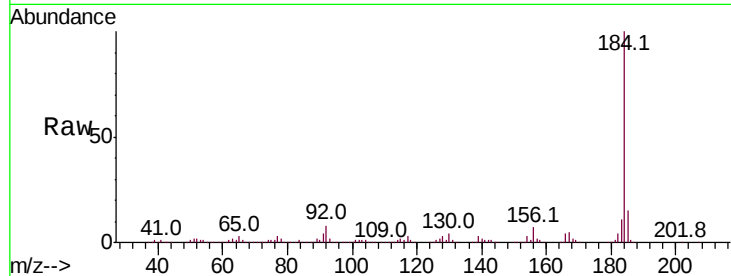


#77
Benzidine
Concen: 50.012 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

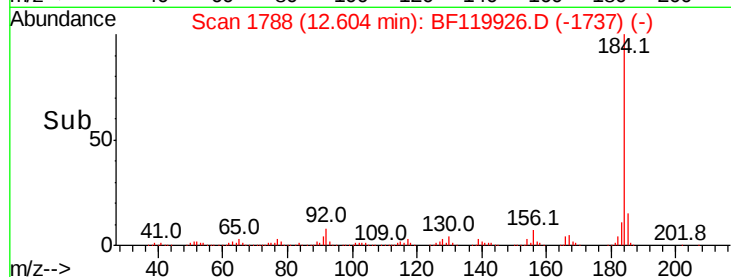
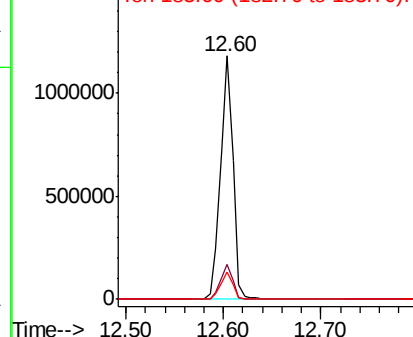
Instrument :
BNA_F
ClientSampled :
TP-2MS

Tot Ion:184 Resp: 1056183
Ion Ratio Lower Upper
184 100
185 14.6 13.2 19.8
183 11.4 9.1 13.7

Manual Integrations
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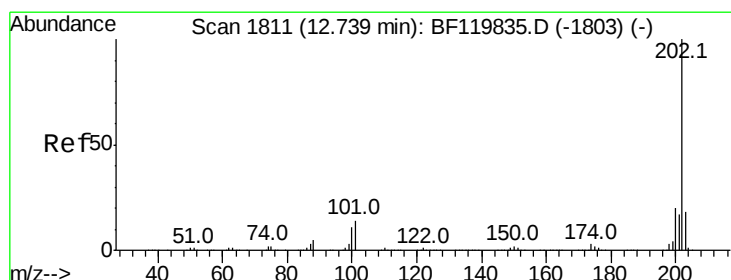


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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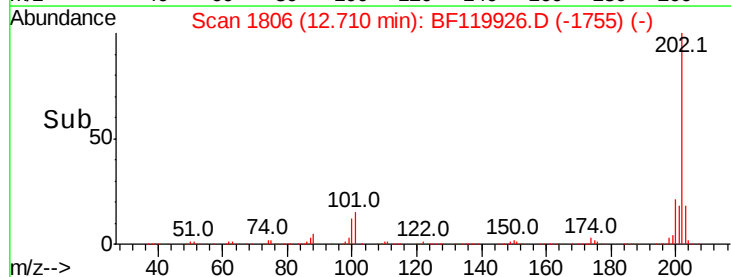
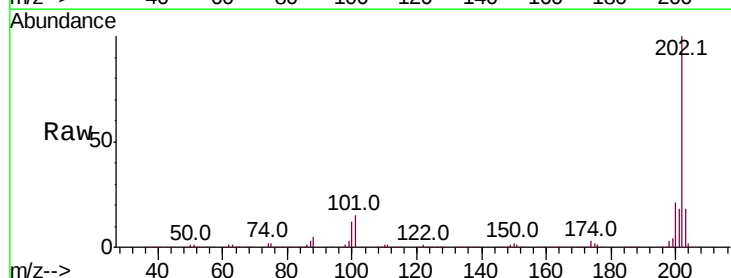
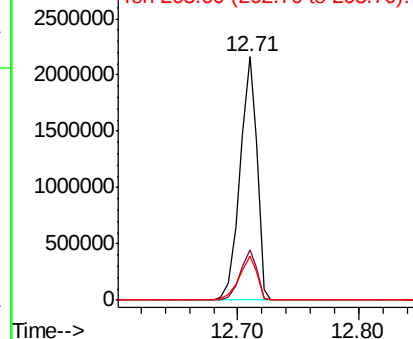
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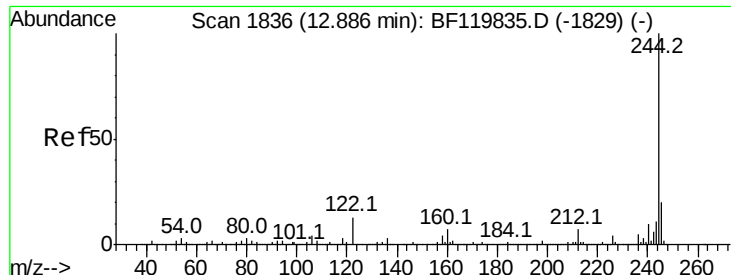


#78
Pyrene
Concen: 40.263 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:202 Resp: 2120584
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 18.3 14.1 21.1

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



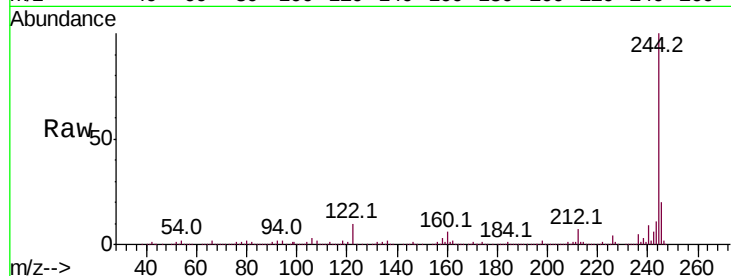


#79
 Terphenyl-d14
 Concen: 50.386 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

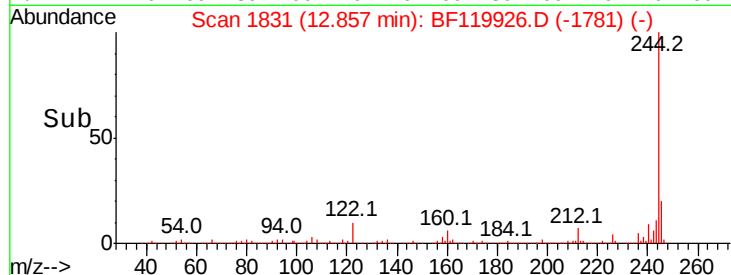
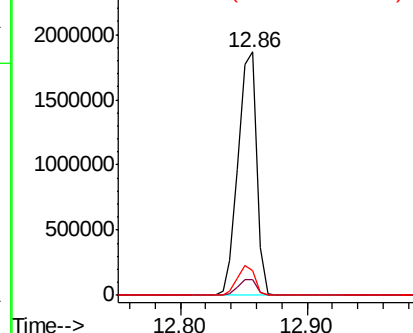
Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion:244 Resp: 1870783
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.0 10.3 15.5#

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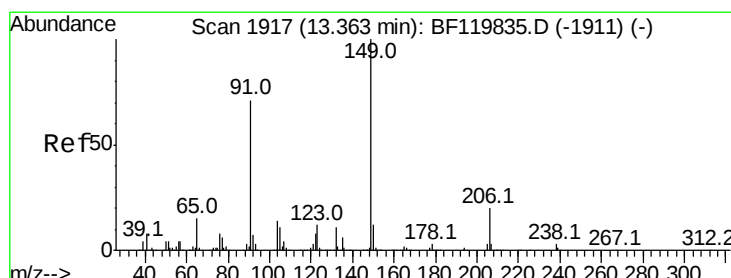


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



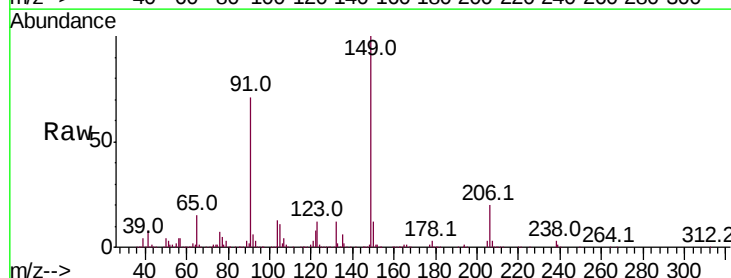
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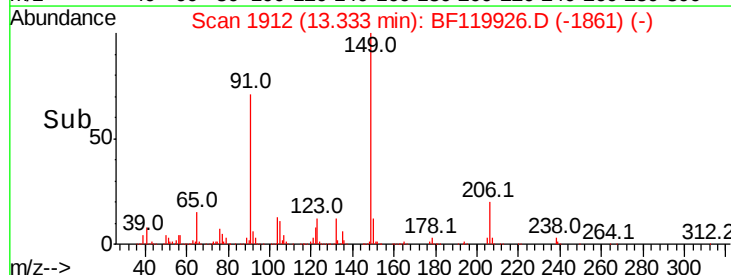
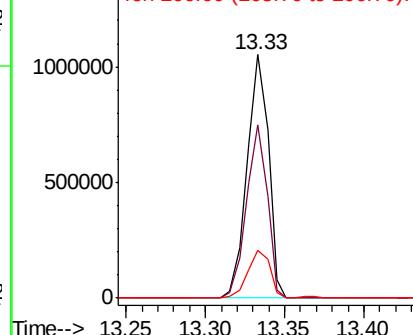


#80
 Butylbenzylphthalate
 Concen: 38.485 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:149 Resp: 983525
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.7 85.1
 206 19.8 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.207 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

BNA_F

ClientSampled :

TP-2MS

Tot Ion:228 Resp: 1693631

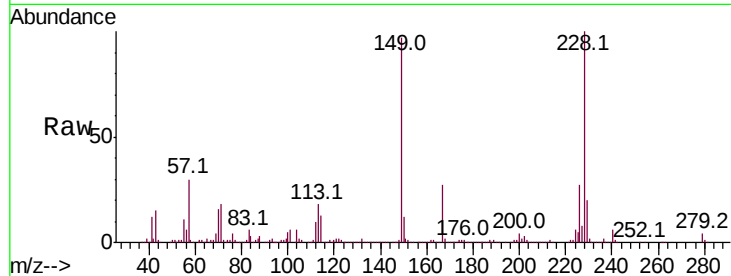
Ion Ratio Lower Upper

228 100

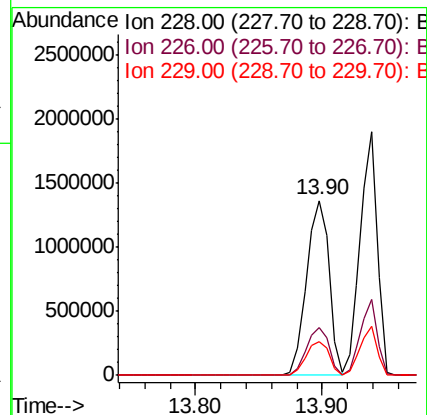
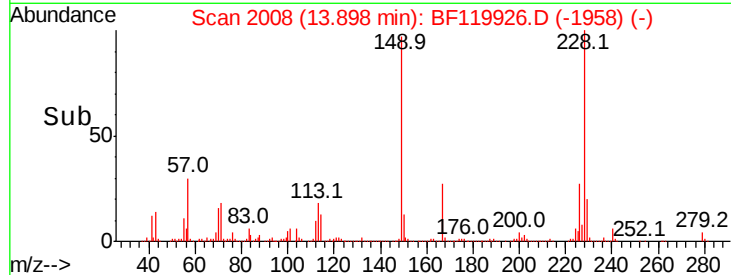
226 27.3 21.9 32.9

229 19.6 15.9 23.9

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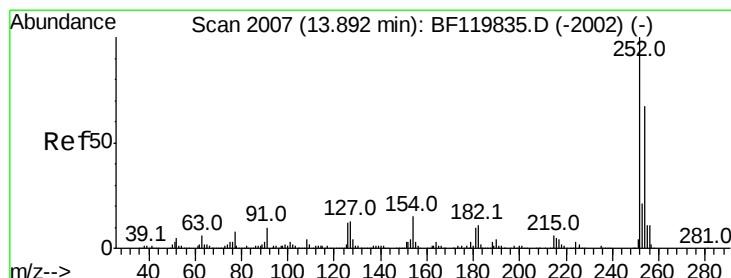


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



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#82

3,3'-Dichlorobenzidine

Concen: 24.083 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

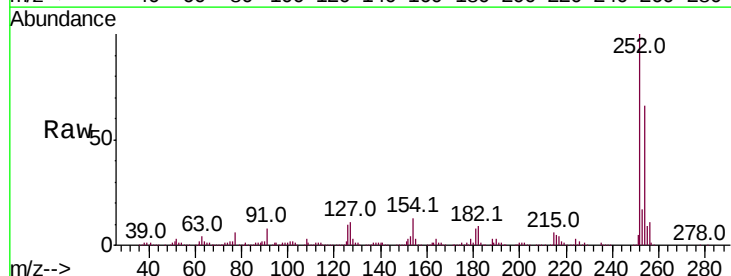
Tgt Ion:252 Resp: 369322

Ion Ratio Lower Upper

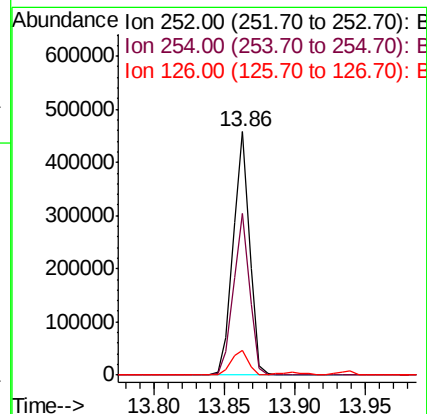
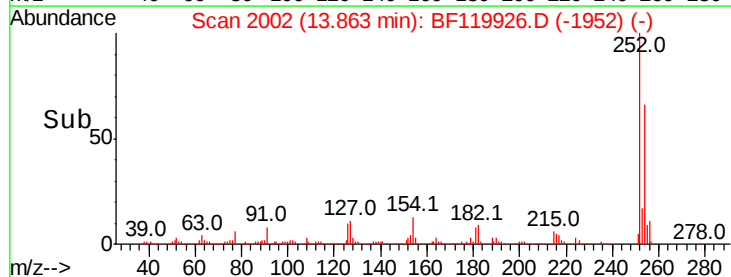
252 100

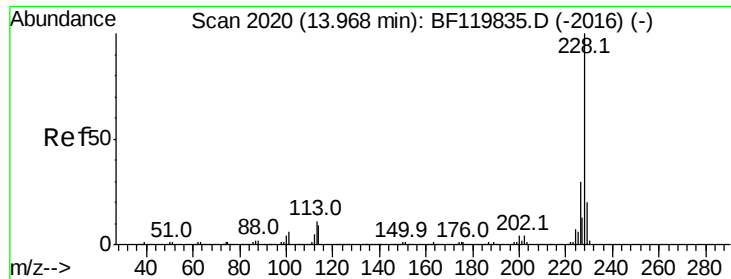
254 66.3 53.9 80.9

126 10.4 9.7 14.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





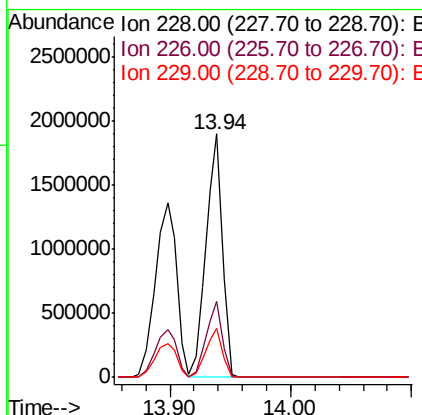
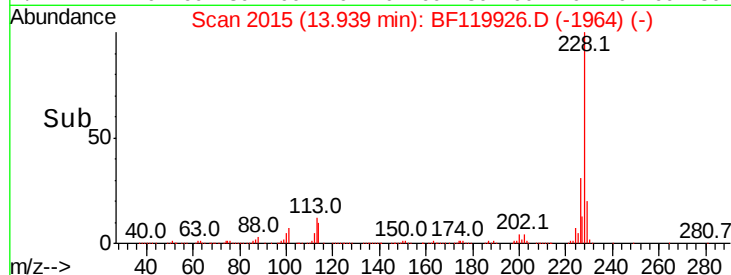
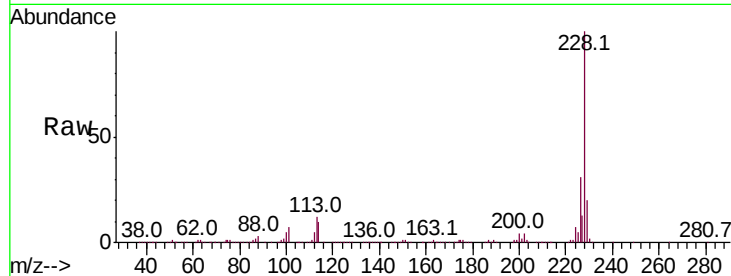
#83
 Chrvsene
 Concen: 42.620 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Instrument :
 BNA_F
 ClientSampled :
 TP-2MS

Tot Ion:228 Resp: 1779889

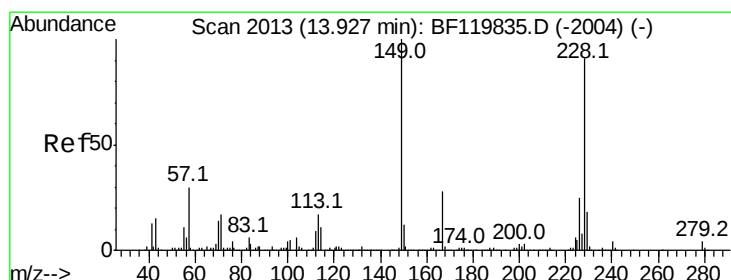
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.2	36.2
229	20.2	15.9	23.9

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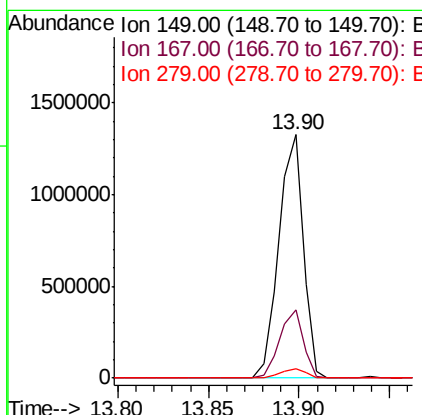
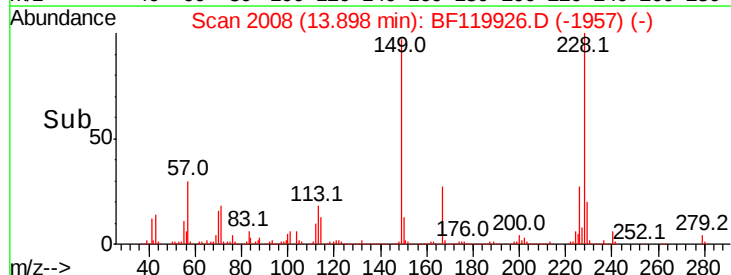
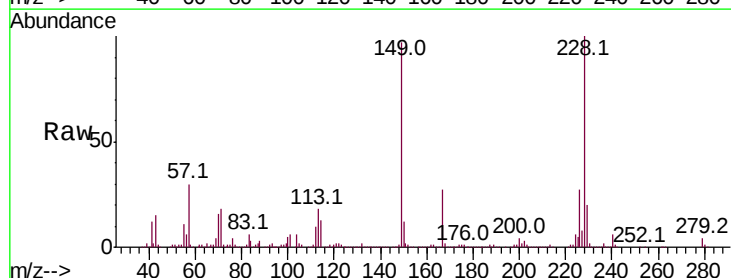
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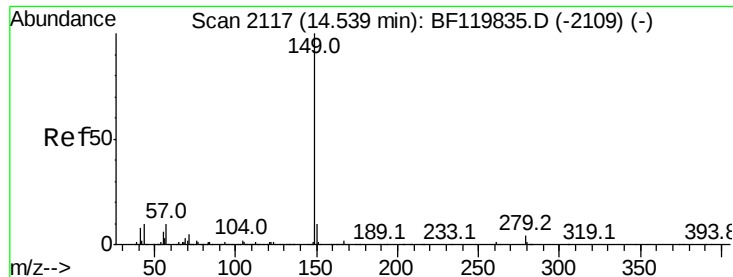


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.017 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF119926.D
 Acq: 13 Apr 2020 20:25

Tgt Ion:149 Resp: 1246497

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.2
279	4.0	3.4	5.0



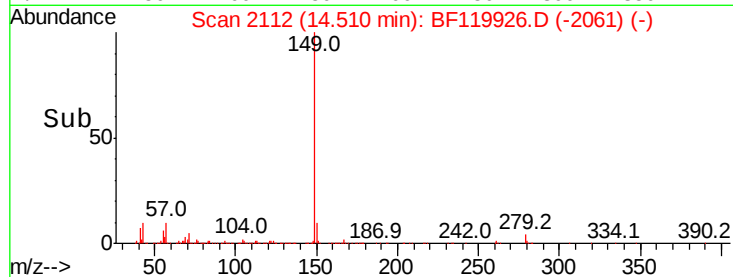
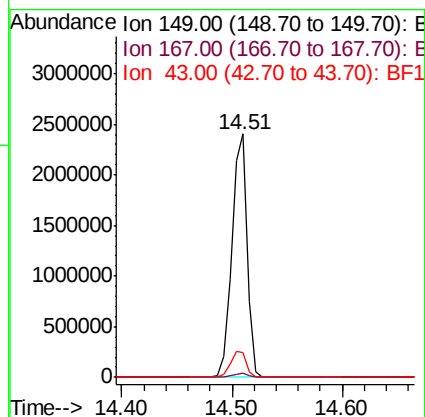
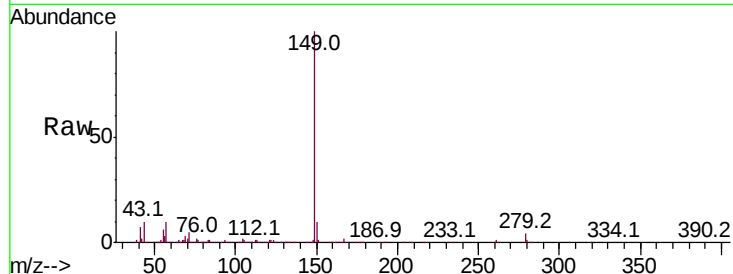


#85
Di-n-octyl phthalate
Concen: 39.256 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampled :
TP-2MS

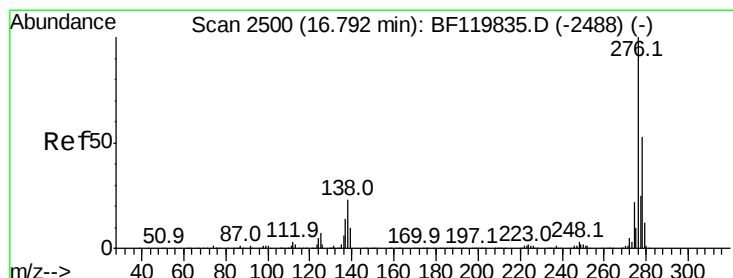
Tot Ion:	149	Resp:	2313235
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.9	9.2	13.8

Manual Integrations
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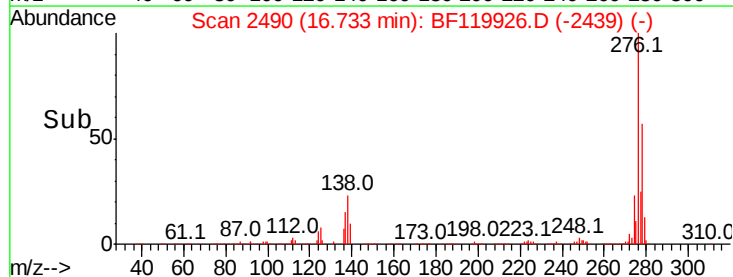
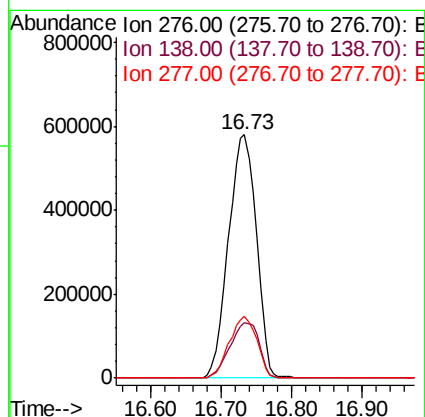
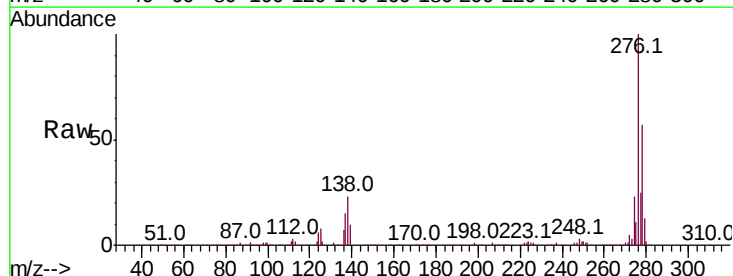
mohammad

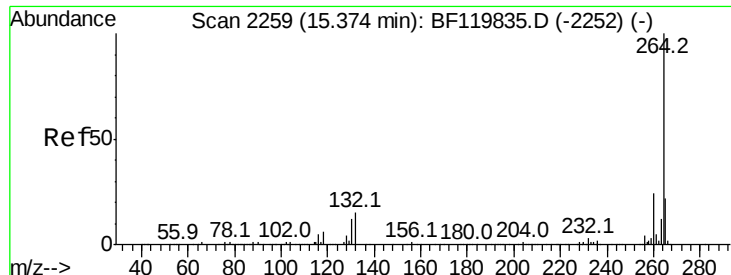
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.292 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion:	276	Resp:	1593674
Ion	Ratio	Lower	Upper
276	100		
138	24.0	18.0	27.0
277	25.2	20.1	30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

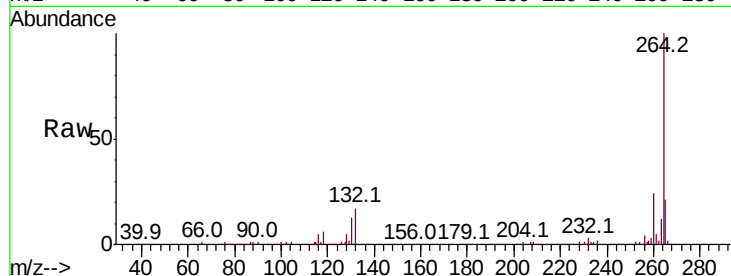
BNA_F

ClientSampled :

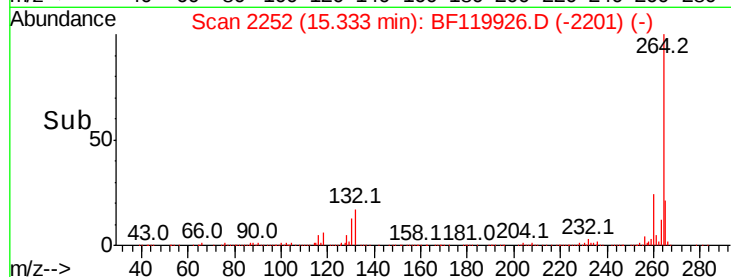
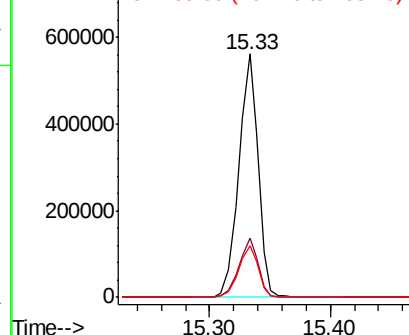
TP-2MS

Tot Ion:	264	Resp:	625952
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.3	28.9
265	21.3	17.6	26.4

Manual Integrations
APPROVED

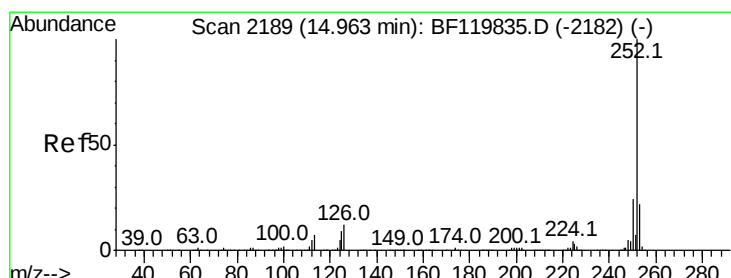


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



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#88

Benzo(b)fluoranthene

Concen: 39.534 ng

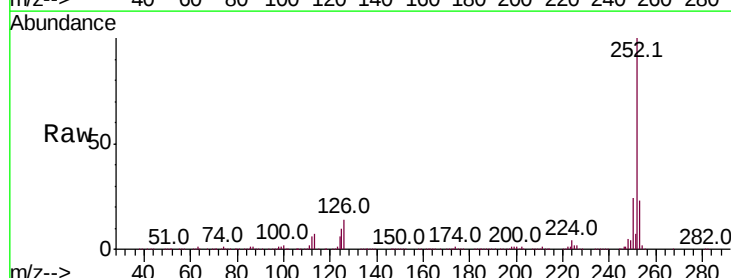
RT: 14.93 min Scan# 2183

Delta R.T. -0.00 min

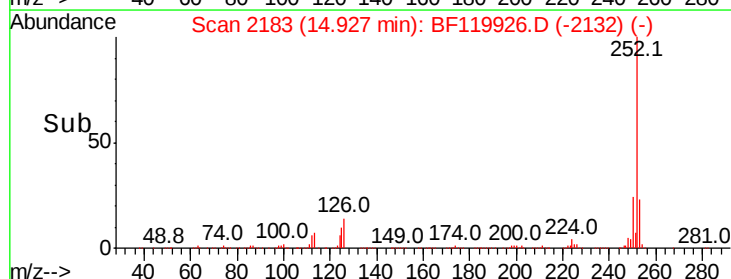
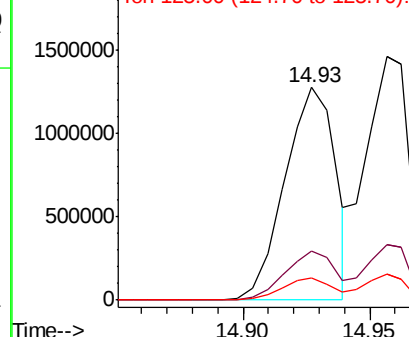
Lab File: BF119926.D

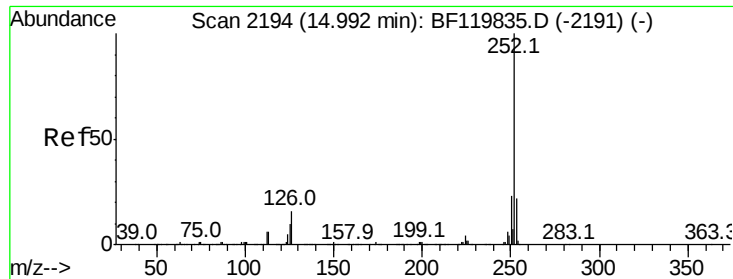
Acq: 13 Apr 2020 20:25

Tgt Ion:	252	Resp:	1780209
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.7	26.5
125	10.3	7.4	11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.278 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.01 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Instrument :

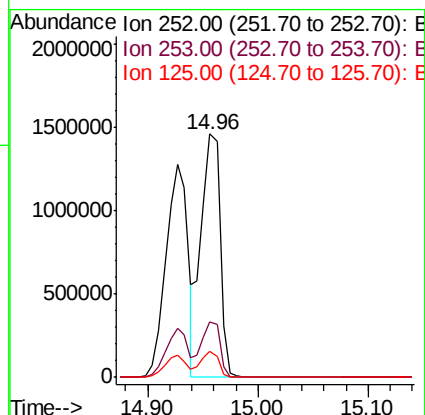
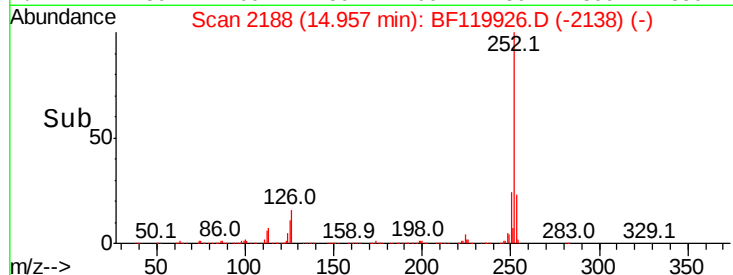
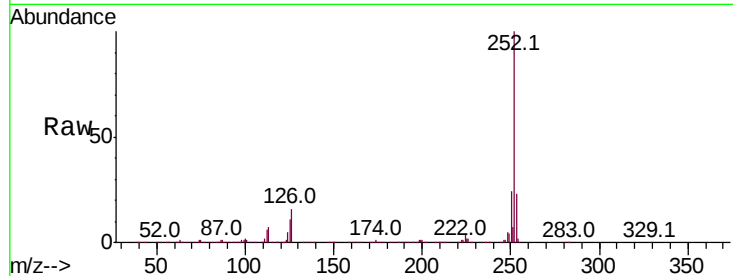
BNA_F

ClientSampleId :

TP-2MS

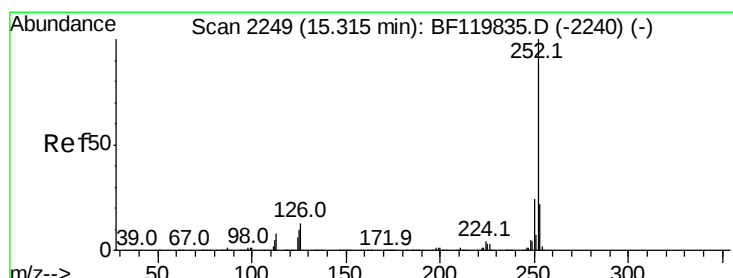
Tot Ion:252	Resp: 1720317		
Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.9	7.7	11.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.841 ng

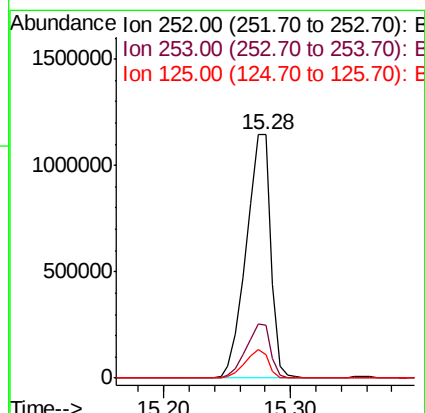
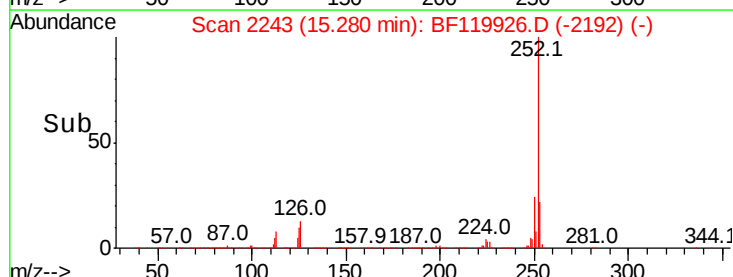
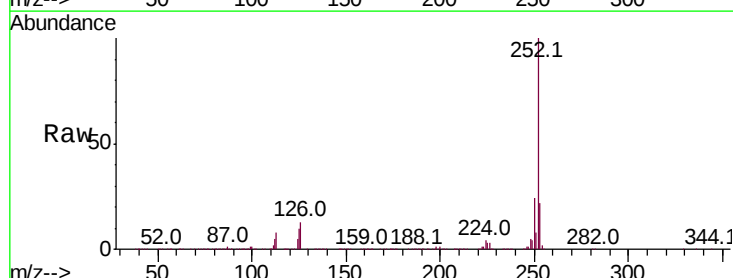
RT: 15.28 min Scan# 2243

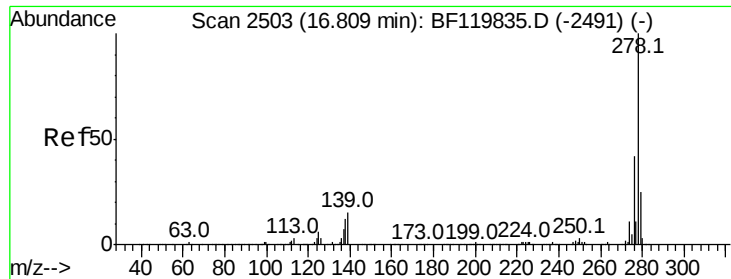
Delta R.T. -0.00 min

Lab File: BF119926.D

Acq: 13 Apr 2020 20:25

Tgt Ion:252	Resp: 1546277		
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.8	8.3	12.5



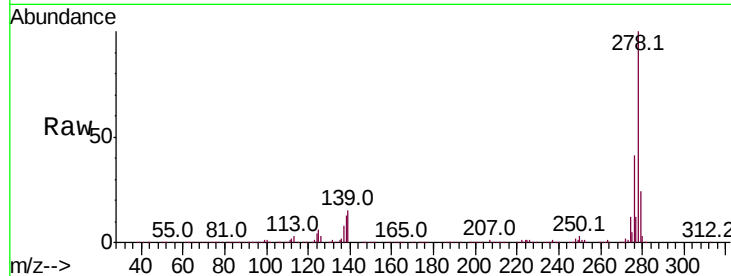


#91
Dibenzo(a,h)anthracene
Concen: 39.619 ng
RT: 16.75 min Scan# 2493
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.6	17.4
279	23.5	19.7	29.5

Manual Integrations
APPROVED

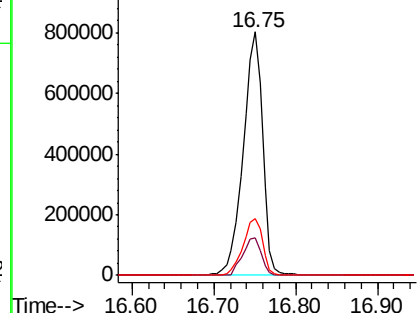
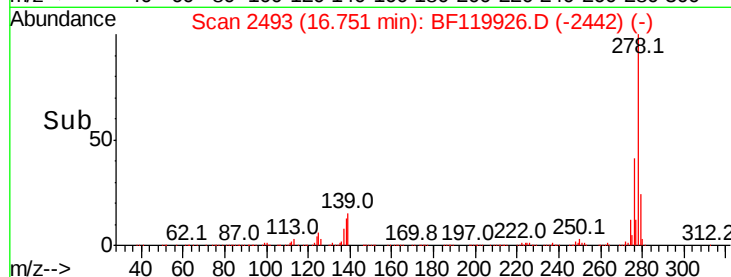


Abundance

Ion 278.00 (277.70 to 278.70): E

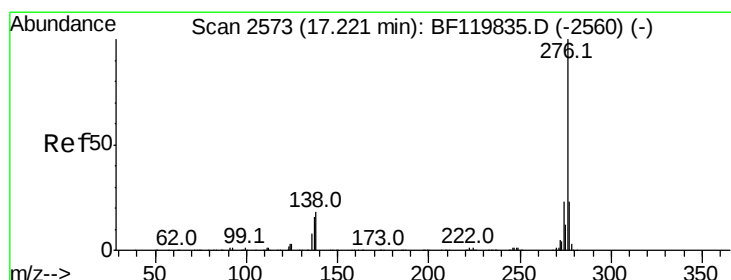
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



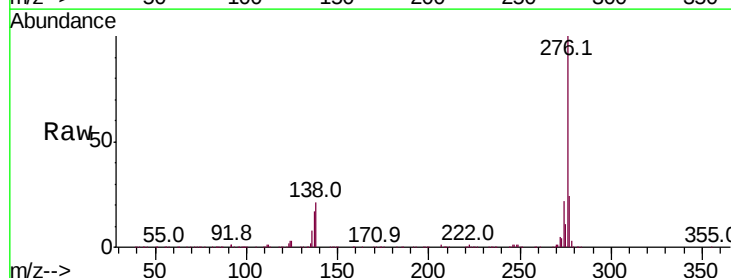
mohammad

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#92
Benzo(g,h,i)perylene
Concen: 39.252 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF119926.D
Acq: 13 Apr 2020 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	20.6	14.6	22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

