

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041320\
 Data File : BF119968.D
 Acq On : 14 Apr 2020 22:35
 Operator : MA/SJ
 Sample : L2229-16MS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Manual Integrations
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mohammad
 4/16/2020 12:51:29 PM

Quant Time: Apr 15 04:07:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	200398	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	781446	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	408779	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	808915	20.00	ng	0.00
76) Chrysene-d12	13.91	240	560910	20.00	ng	0.00
87) Perylene-d12	15.33	264	468134	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	753493	64.98	ng	0.01
7) Phenol-d6	6.37	99	961964	64.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	983900	65.14	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	379602	75.85	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2080021	72.24	ng	0.00
79) Terphenyl-d14	12.86	244	2610946	78.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.52	88	139880	27.083	ng	95
3) Pyridine	3.19	79	323827	22.852	ng	95
4) n-Nitrosodimethylamine	3.13	42	212317	29.325	ng	94
6) Aniline	6.39	93	374912	19.117	ng	92
8) 2-Chlorophenol	6.52	128	321924	24.847	ng	96
9) Benzaldehyde	6.28	77	167768	15.168	ng	98
10) Phenol	6.38	94	383682	22.634	ng	90
11) bis(2-Chloroethyl)ether	6.47	93	454190	34.701	ng	97
12) 1,3-Dichlorobenzene	6.67	146	422681	29.799	ng	98
13) 1,4-Dichlorobenzene	6.75	146	436572	30.214	ng	99
14) 1,2-Dichlorobenzene	6.90	146	411344	30.890	ng	98
15) Benzyl Alcohol	6.88	79	385459	33.214	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	788445	30.957	ng	96
17) 2-Methylphenol	7.00	107	305670	26.436	ng	97
18) Hexachloroethane	7.25	117	157950	29.250	ng	92
19) n-Nitroso-di-n-propylamine	7.16	70	351319	36.564	ng	96
20) 3+4-Methylphenols	7.15	107	363070	25.674	ng	# 74
22) Acetophenone	7.15	105	659626	36.047	ng	# 96
24) Nitrobenzene	7.32	77	519443	34.185	ng	98
25) Isophorone	7.56	82	1011796	34.748	ng	100
26) 2-Nitrophenol	7.64	139	178637	23.531	ng	89
27) 2,4-Dimethylphenol	7.68	122	364740	31.856	ng	98
28) bis(2-Chloroethoxy)methane	7.77	93	629955	36.765	ng	98
29) 2,4-Dichlorophenol	7.88	162	305631	26.042	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	425260	31.980	ng	99
31) Naphthalene	8.05	128	1379298	33.548	ng	100
32) Benzoic acid	7.79	122	187915	18.688	ng	97
33) 4-Chloroaniline	8.09	127	332738	18.590	ng	97
34) Hexachlorobutadiene	8.16	225	233293	29.307	ng	99
35) Caprolactam	8.46	113	119307m	33.233	ng	
36) 4-Chloro-3-methylphenol	8.58	107	380303	29.931	ng	97
37) 2-Methylnaphthalene	8.73	142	1010232	36.243	ng	98
38) 1-Methylnaphthalene	8.83	142	967395	36.821	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	447609	34.669	ng	99

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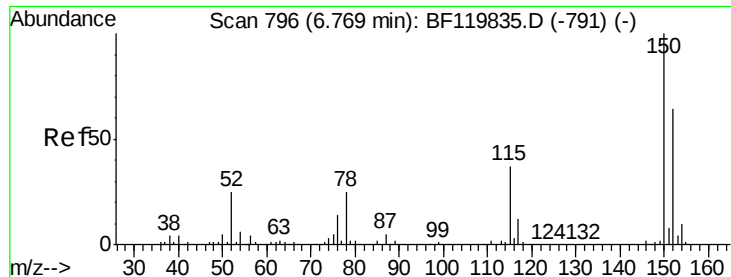
Manual Integrations
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 4/16/2020 12:51:29 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	399448	54.408	nq	97
43) 2,4,6-Trichlorophenol	9.02	196	237939	26.688	nq	98
44) 2,4,5-Trichlorophenol	9.06	196	268208	26.710	nq	97
46) 1,1'-Biphenyl	9.20	154	1300524	37.693	nq	99
47) 2-Chloronaphthalene	9.23	162	992228	37.331	nq	98
48) 2-Nitroaniline	9.32	65	393571	40.861	nq	96
49) Acenaphthylene	9.65	152	1631803	40.369	nq	99
50) Dimethylphthalate	9.51	163	1431877	45.286	nq	99
51) 2,6-Dinitrotoluene	9.57	165	294081	42.473	nq	93
52) Acenaphthene	9.82	154	1064044m	39.461	nq	
53) 3-Nitroaniline	9.73	138	234834	29.697	nq	96
54) 2,4-Dinitrophenol	9.85	184	150092	36.207	nq	95
55) Dibenzofuran	9.99	168	1506953	40.726	nq	100
56) 4-Nitrophenol	9.90	139	301715	51.279	nq	91
57) 2,4-Dinitrotoluene	9.97	165	390741	42.833	nq	99
58) Fluorene	10.33	166	1183451	39.992	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	238137	31.007	nq	97
60) Diethylphthalate	10.21	149	1339973	40.890	nq	99
61) 4-Chlorophenyl-phenylether	10.32	204	566344	37.340	nq	96
62) 4-Nitroaniline	10.36	138	316074	41.941	nq	96
63) Azobenzene	10.49	77	1240717	42.247	nq	96
65) 4,6-Dinitro-2-methylphenol	10.38	198	123036	23.087	nq	90
66) n-Nitrosodiphenylamine	10.45	169	1111144	41.303	nq	99
67) 4-Bromophenyl-phenylether	10.81	248	365501	36.333	nq	95
68) Hexachlorobenzene	10.88	284	392915	38.502	nq	94
69) Atrazine	10.97	200	348628	46.577	nq	97
70) Pentachlorophenol	11.07	266	287054	48.810	nq	98
71) Phenanthrene	11.29	178	1765515	41.010	nq	98
72) Anthracene	11.34	178	1833060	41.680	nq	100
73) Carbazole	11.50	167	1710197	41.120	nq	99
74) Di-n-butylphthalate	11.83	149	2150664	39.336	nq	99
75) Fluoranthene	12.48	202	1933772	41.630	nq	98
77) Benzidine	12.60	184	202630	10.687	nq	98
78) Pyrene	12.71	202	1958598	41.420	nq	99
80) Butylbenzylphthalate	13.33	149	909764	39.650	nq	96
81) Benzo(a)anthracene	13.90	228	1521734	41.239	nq	99
82) 3,3'-Dichlorobenzidine	13.86	252	398488	28.942	nq	98
83) Chrysene	13.93	228	1582228	42.200	nq	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1197363	38.535	nq	99
85) Di-n-octyl phthalate	14.50	149	2142969	40.506	nq	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	1304650	39.474	nq	97
88) Benzo(b)fluoranthene	14.93	252	1488429	44.198	nq	99
89) Benzo(k)fluoranthene	14.96	252	1285772	44.251	nq	99
90) Benzo(a)pyrene	15.27	252	1219535	43.070	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	1095432	43.675	nq	99
92) Benzo(g,h,i)perylene	17.14	276	1059210	42.783	nq	# 95

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



#1

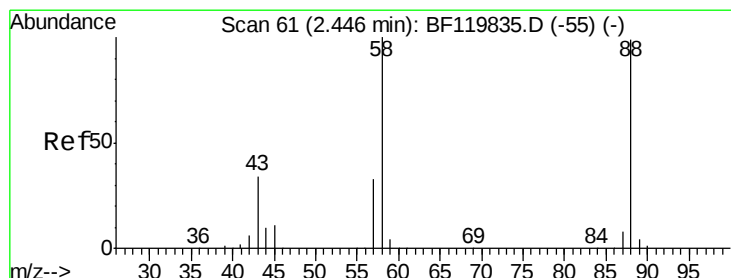
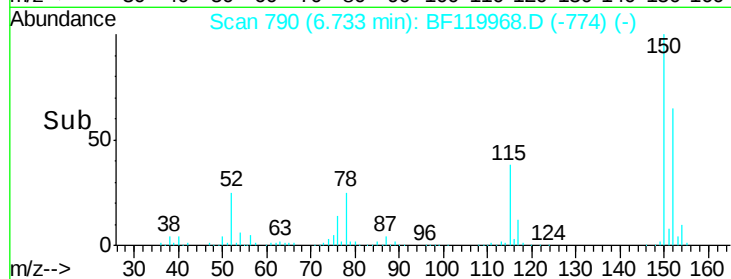
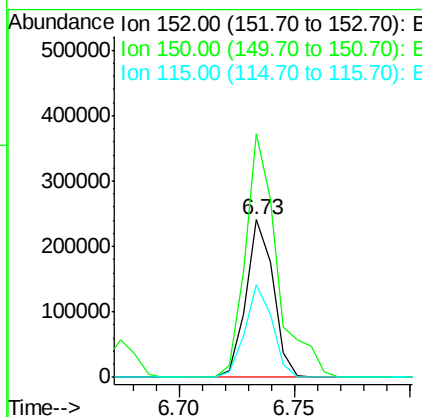
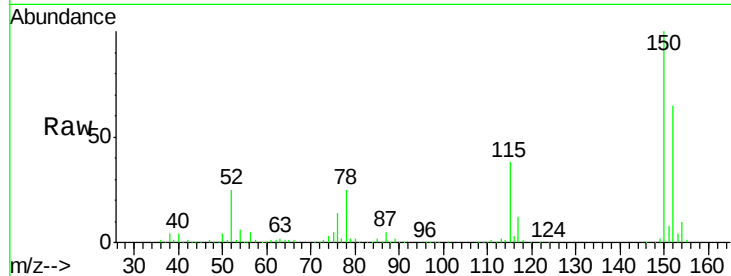
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.8	187.2
115	59.0	46.5	69.7

Manual Integrations
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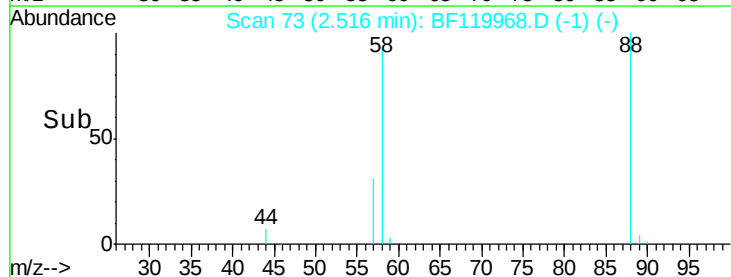
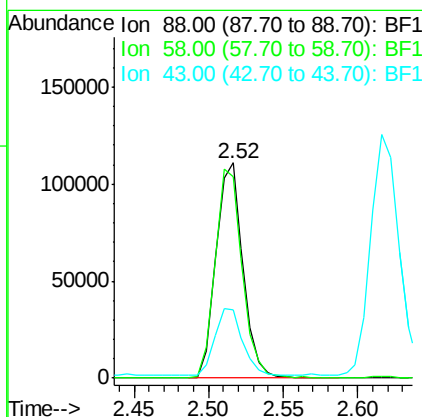
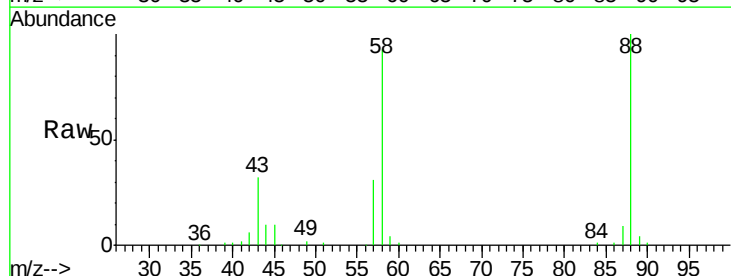
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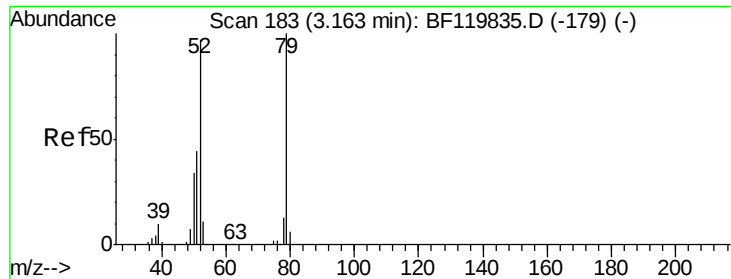


#2

1,4-Dioxane
Concen: 27.083 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.12 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.0	82.6	123.8
43	32.1	28.6	42.8





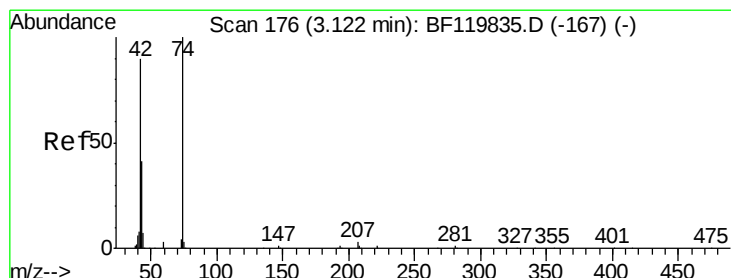
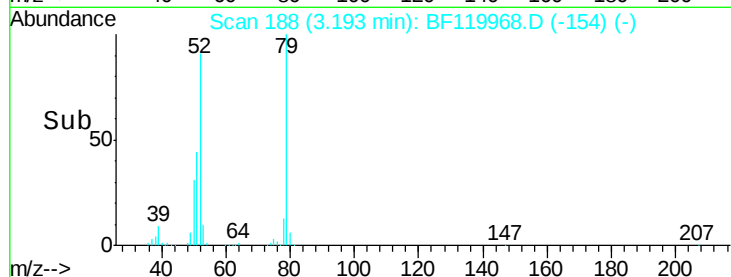
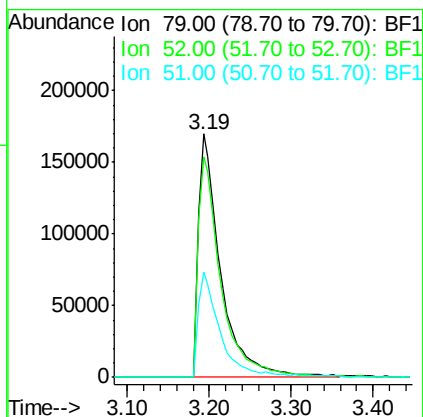
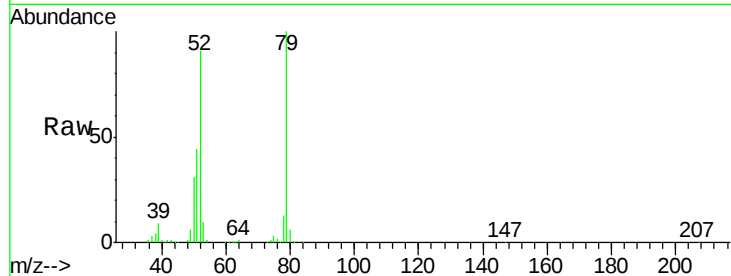
#3
 Pvridine
 Concen: 22.852 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.10 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	90.6	77.4	116.0
51	51	43.5	35.3	52.9

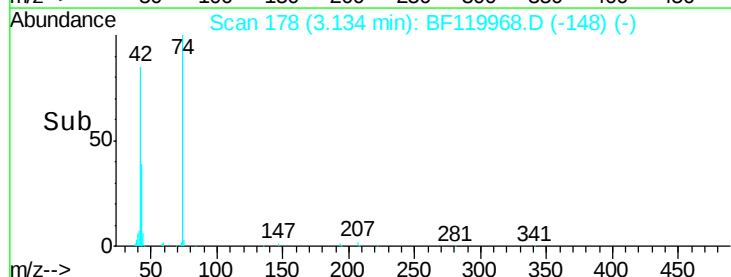
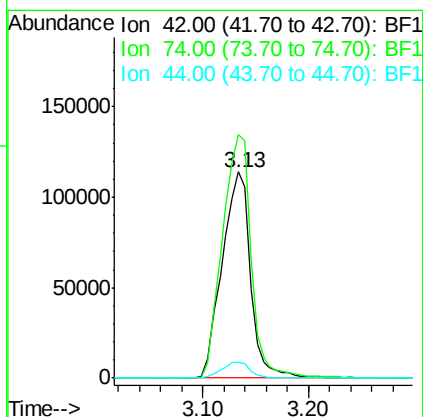
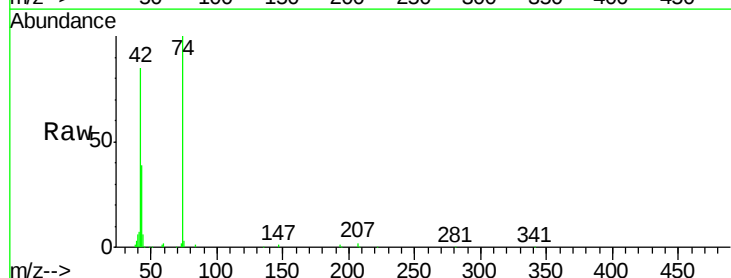
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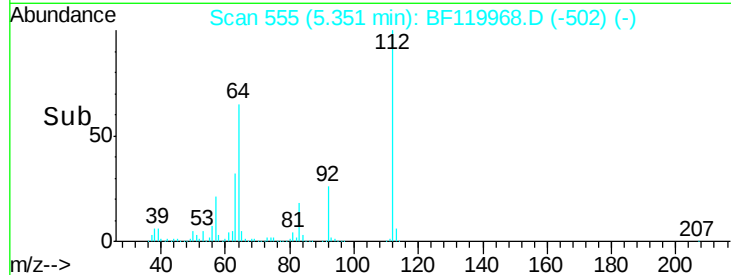
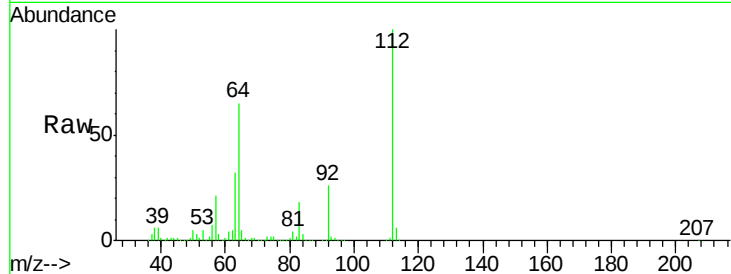
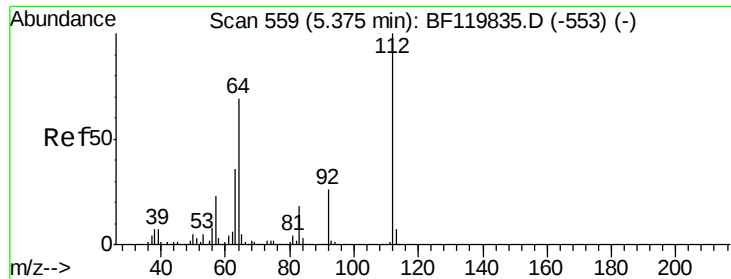
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#4
 n-Nitrosodimethylamine
 Concen: 29.325 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.08 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	118.0	89.0	133.4
44	44	7.7	6.2	9.4





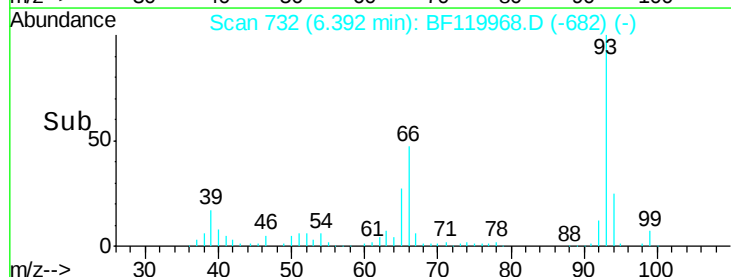
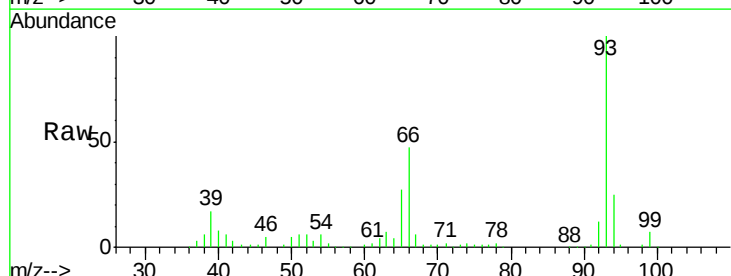
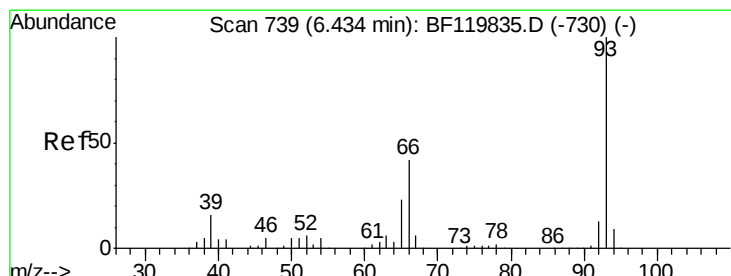
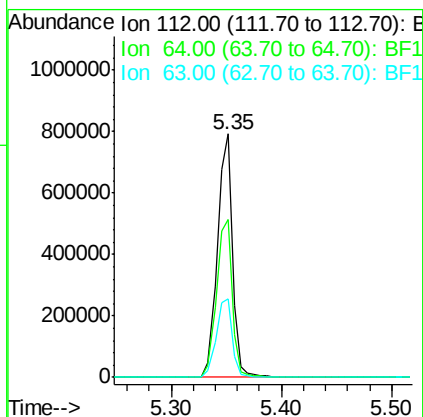
#5
2-Fluorophenol
Concen: 64.979 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	65.1	55.5	83.3
63	32.3	29.1	43.7

Instrument :
BNA_F
ClientSampled :
TP-32MS

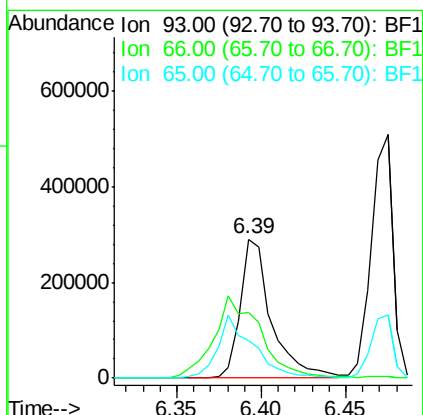
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#6
Aniline
Concen: 19.117 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.3	34.2	51.2
65	27.0	18.3	27.5





#7

Phenol-d6

Concen: 64.381 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

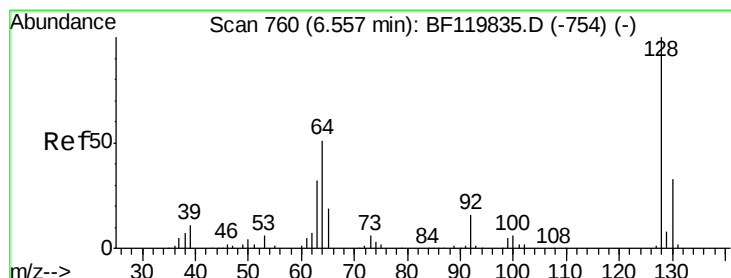
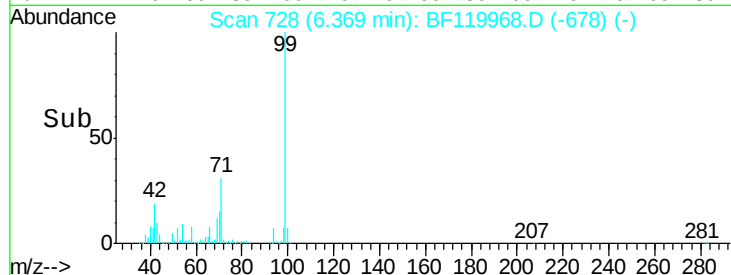
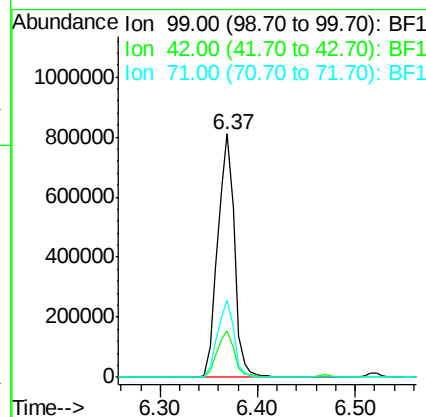
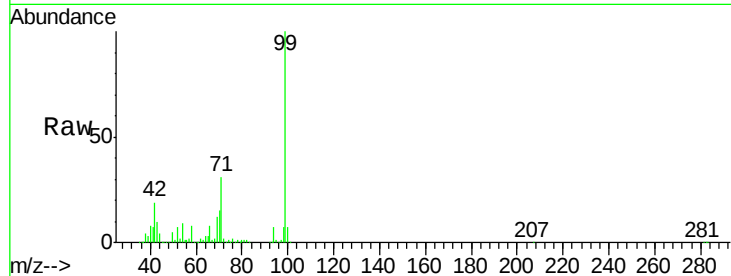
ClientSampleId :

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Tot Ion:	99	Resp:	961964
Ion Ratio	Lower	Upper	
99	100		
42	19.3	16.9	25.3
71	31.5	26.3	39.5

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#8

2-Chlorophenol

Concen: 24.847 ng

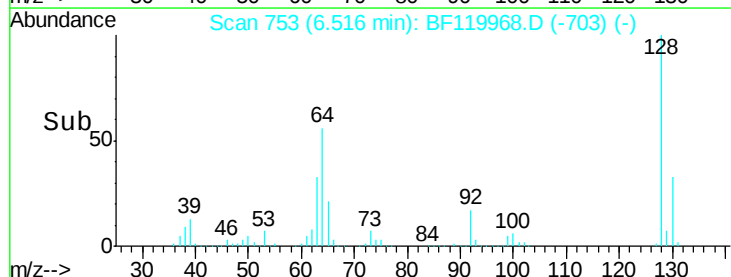
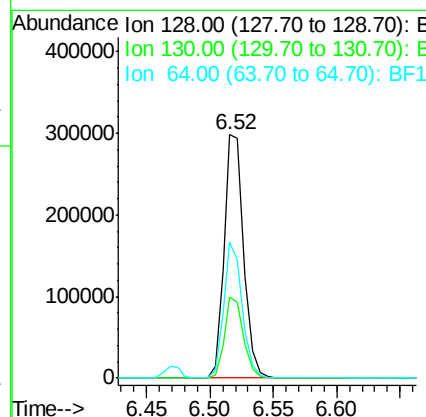
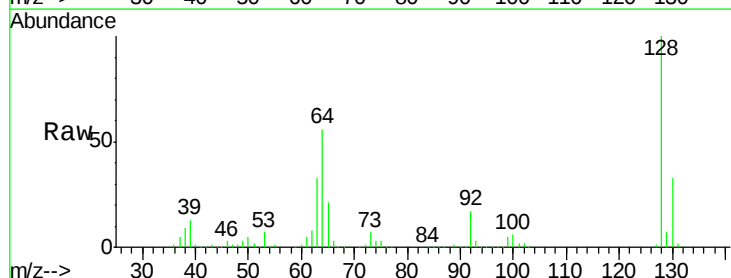
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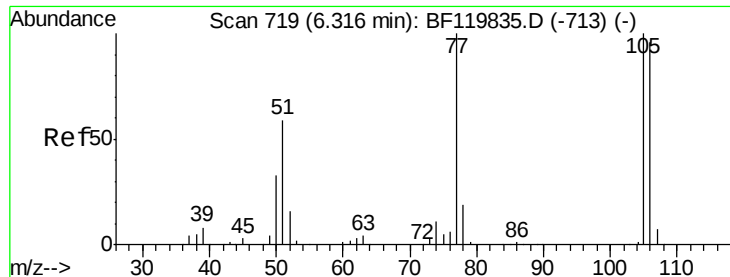
Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Tgt Ion:	128	Resp:	321924
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.6	52.6
64	55.7	32.0	72.0





#9

Benzaldehyde

Concen: 15.168 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

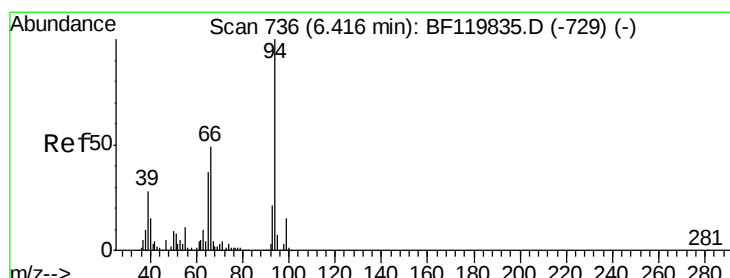
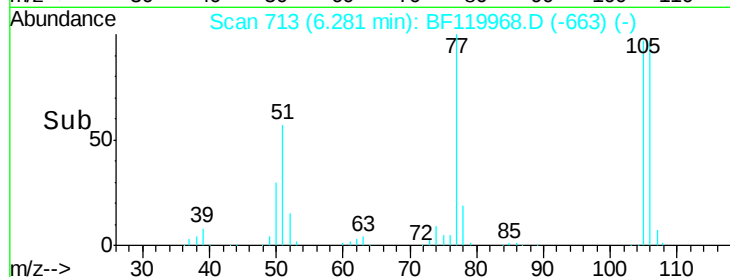
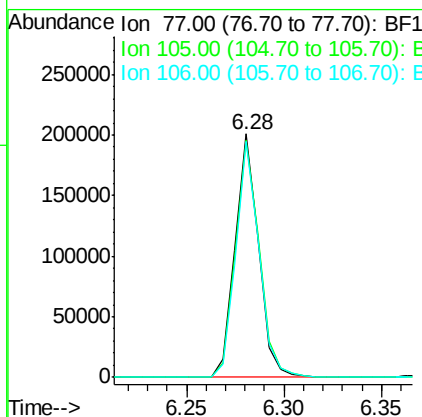
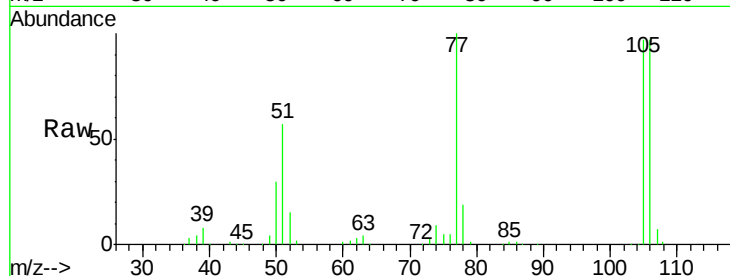
ClientSampleId :

TP-32MS

Tot Ion:	77	Resp:	167768
Ion	Ratio	Lower	Upper
77	100		
105	97.2	79.9	119.9
106	96.8	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 22.634 ng

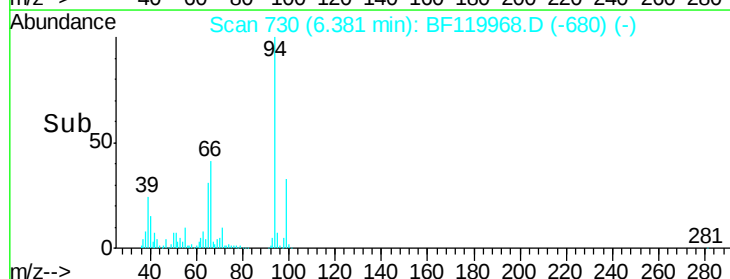
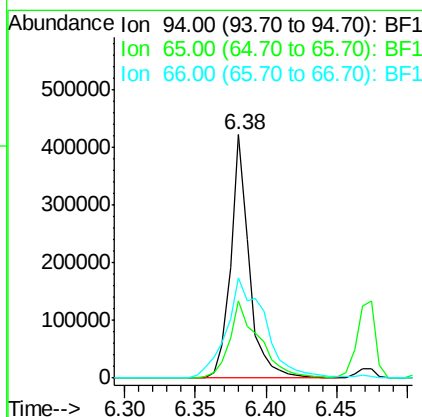
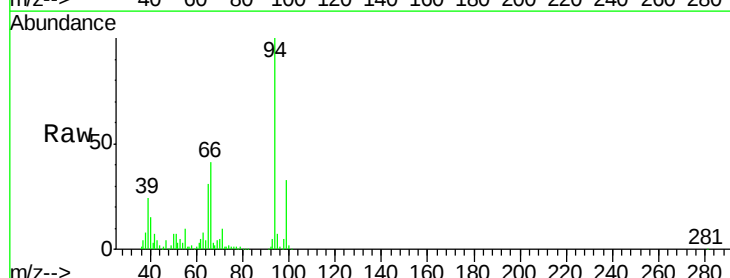
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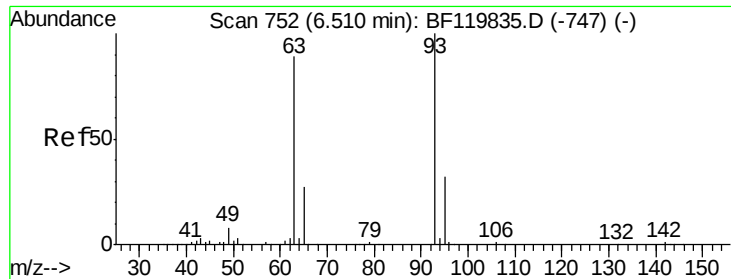
Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Tgt Ion:	94	Resp:	383682
Ion	Ratio	Lower	Upper
94	100		
65	31.5	16.6	56.6
66	41.2	29.3	69.3





#11

bis(2-Chloroethyl)ether

Concen: 34.701 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

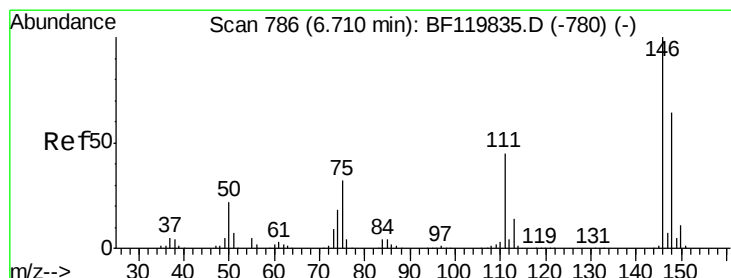
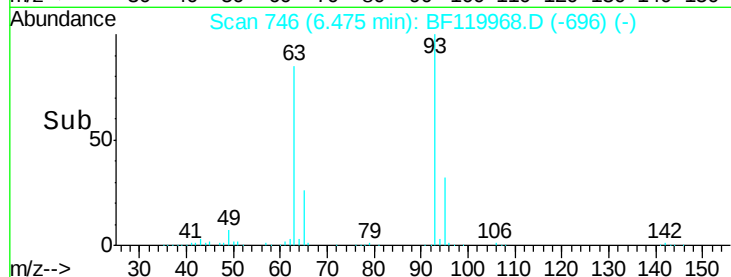
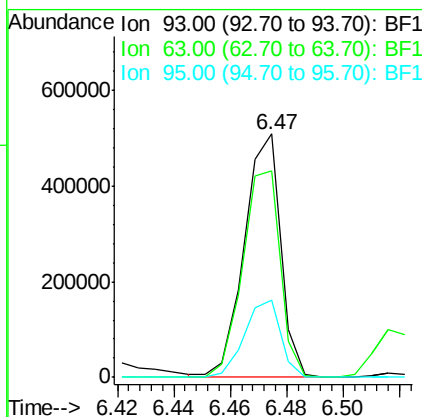
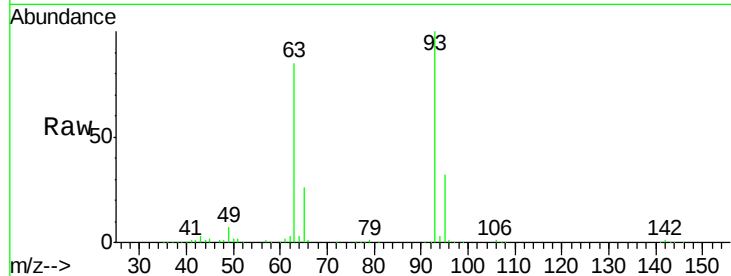
ClientSampleId :

TP-32MS

Tot Ion:	93	Resp:	454190
Ion	Ratio	Lower	Upper
93	100		
63	85.0	69.1	109.1
95	32.0	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 29.799 ng

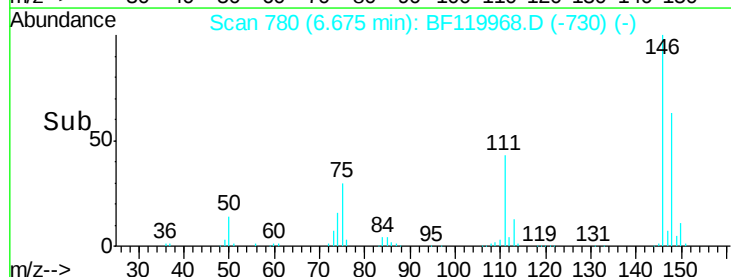
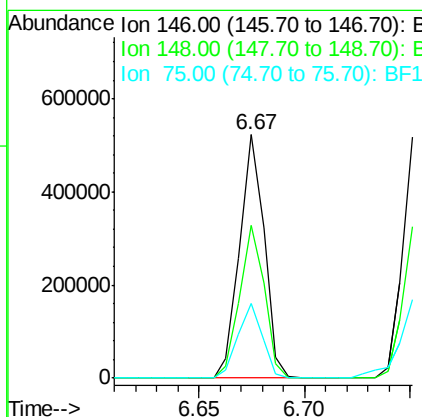
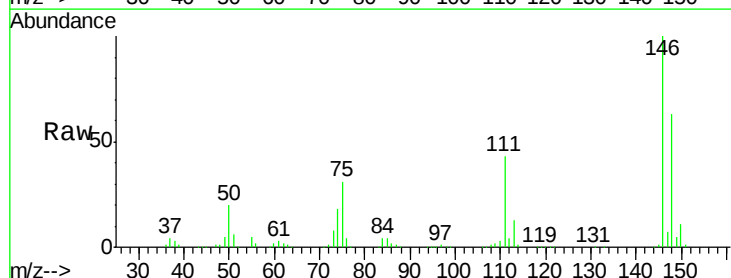
RT: 6.67 min Scan# 780

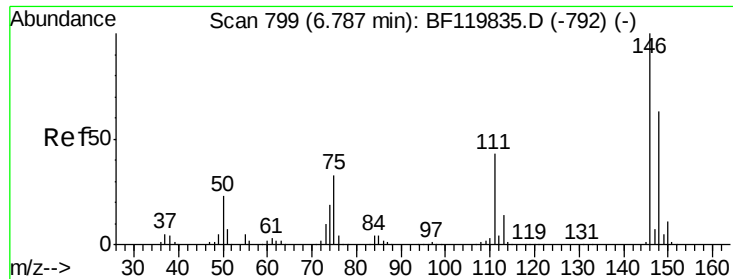
Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Tgt Ion:	146	Resp:	422681
Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.3	76.9
75	30.8	25.3	37.9





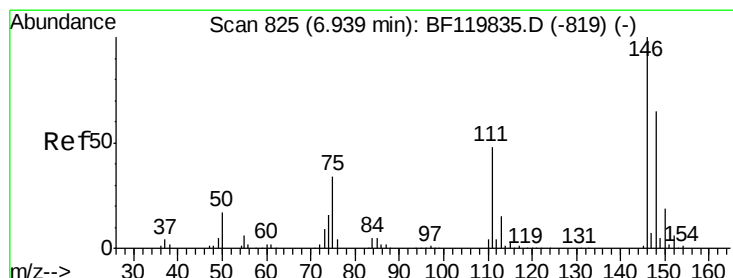
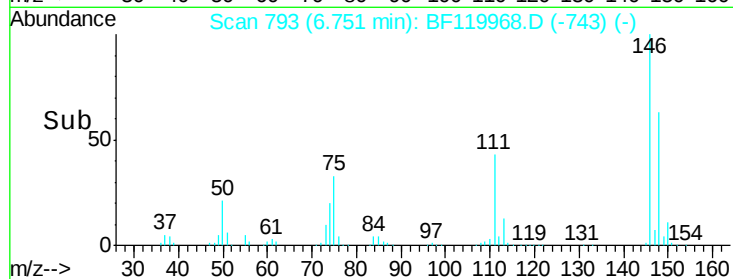
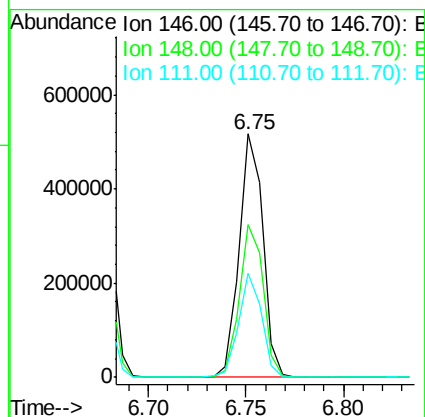
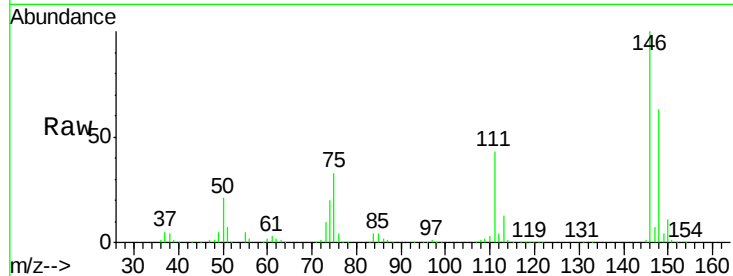
#13
1,4-Dichlorobenzene
Concen: 30.214 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	50.5	75.7
111	42.9	34.7	52.1

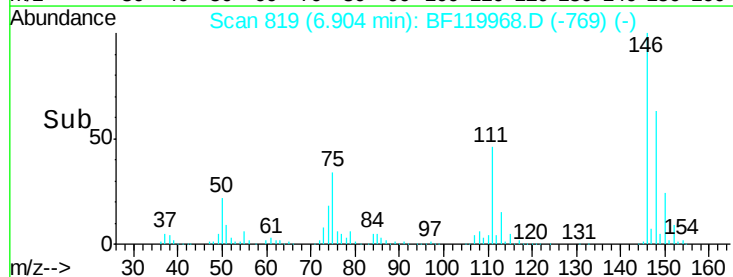
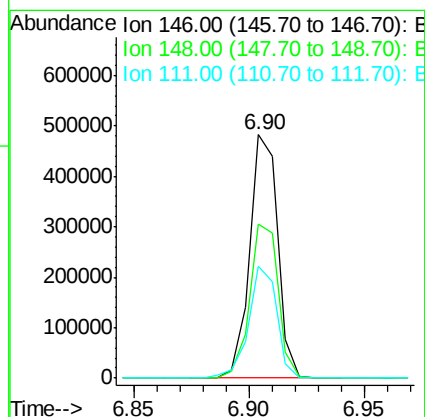
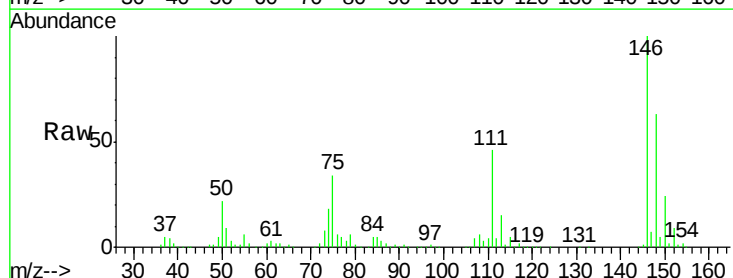
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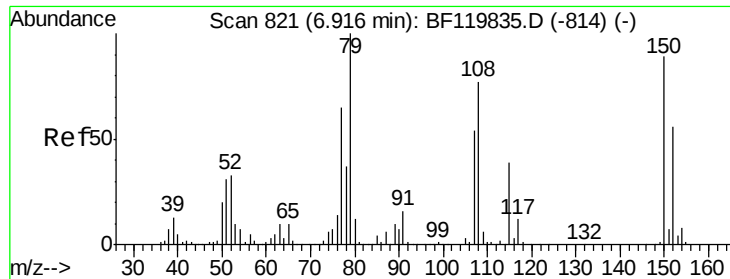
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#14
1,2-Dichlorobenzene
Concen: 30.890 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.8	77.8
111	46.1	38.0	57.0





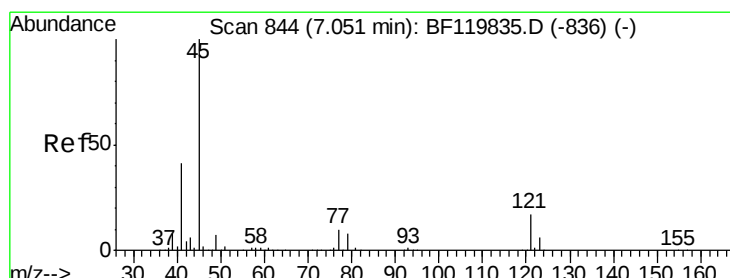
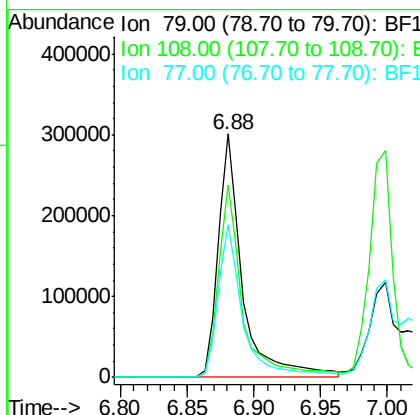
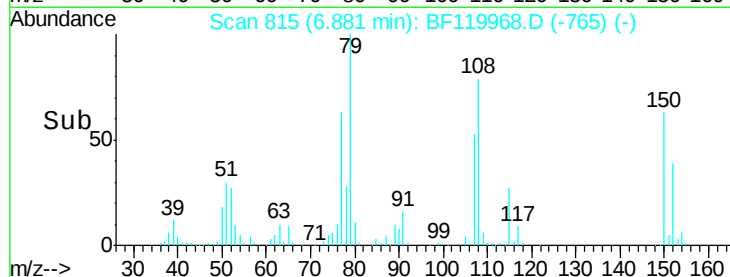
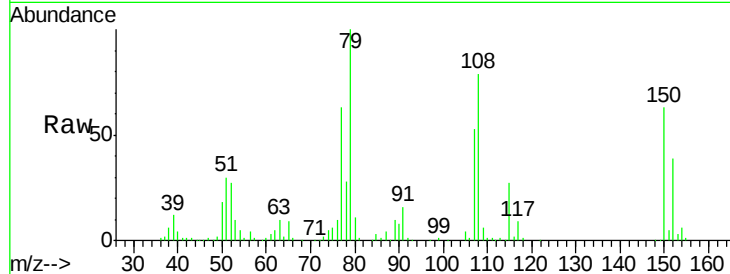
#15
Benzyl Alcohol
Concen: 33.214 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.0	93.0
77	62.9	51.8	77.6

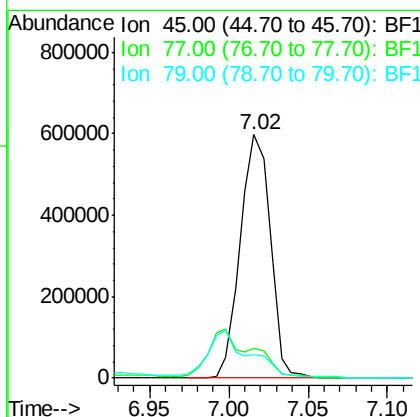
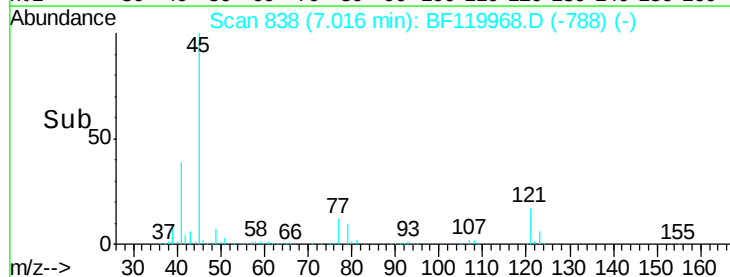
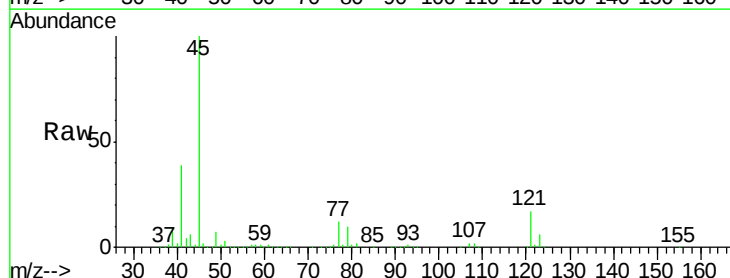
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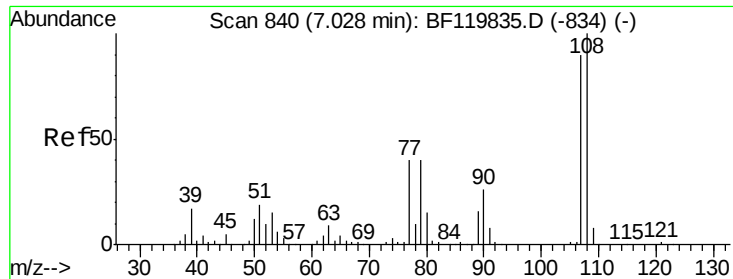
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#16
2,2'-oxybis(1-chloropropane)
Concen: 30.957 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.7
79	9.7	0.0	28.6





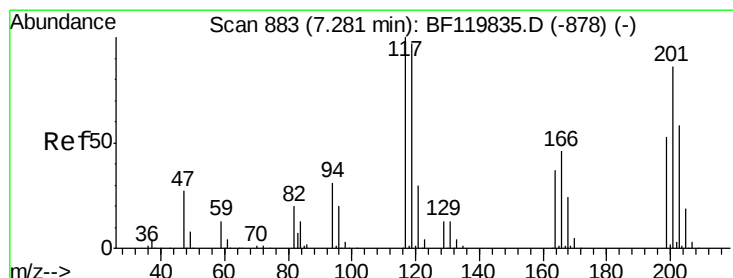
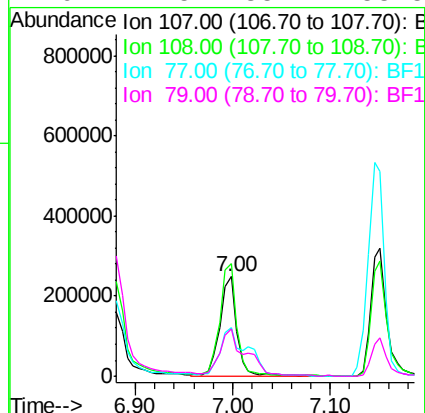
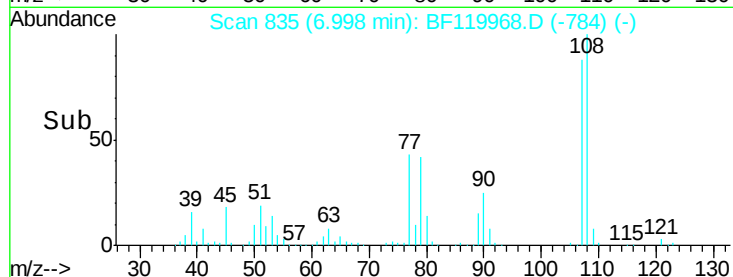
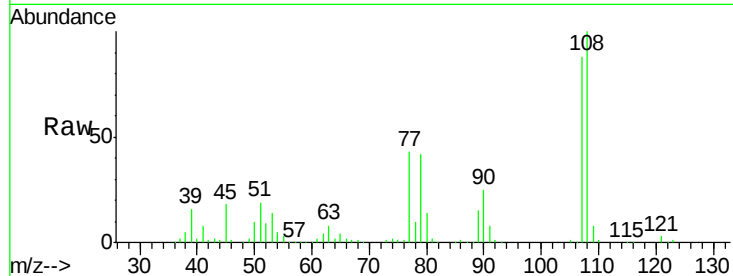
#17
2-Methylphenol
Concen: 26.436 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	305670		
108	113.3	88.8	133.2	
77	48.3	36.0	54.0	
79	47.5	35.7	53.5	

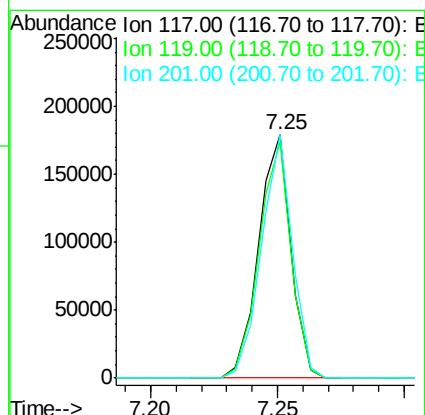
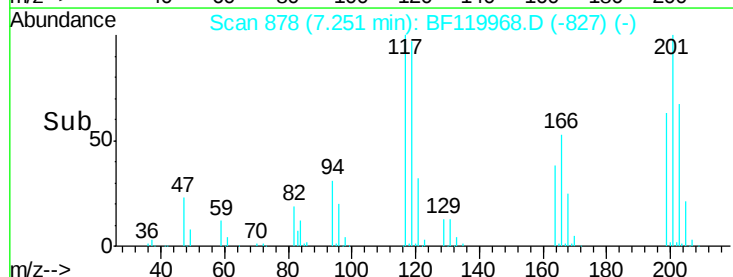
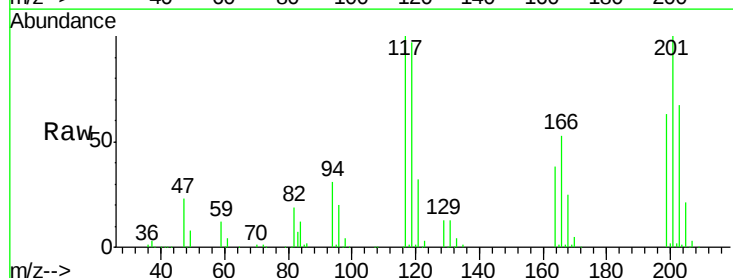
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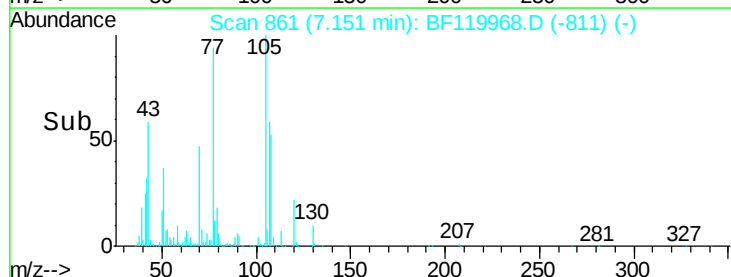
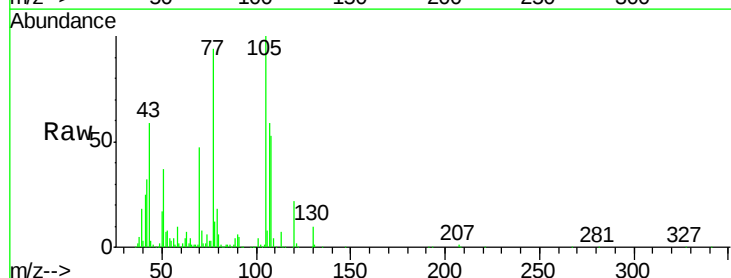
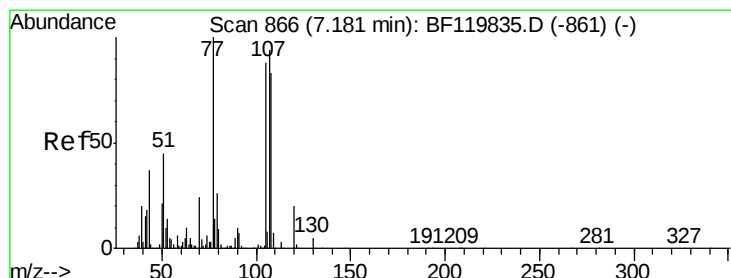
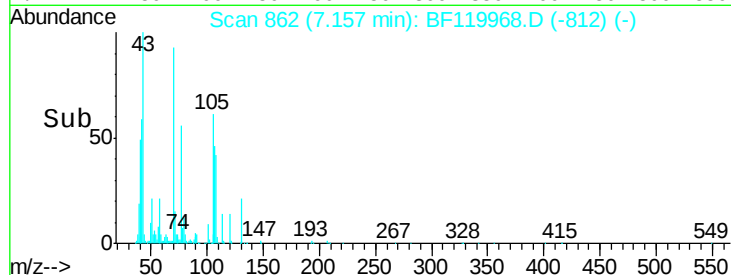
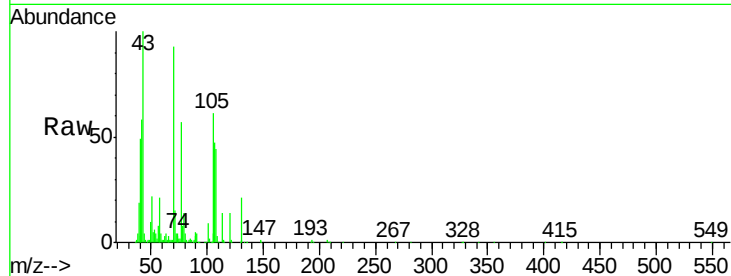
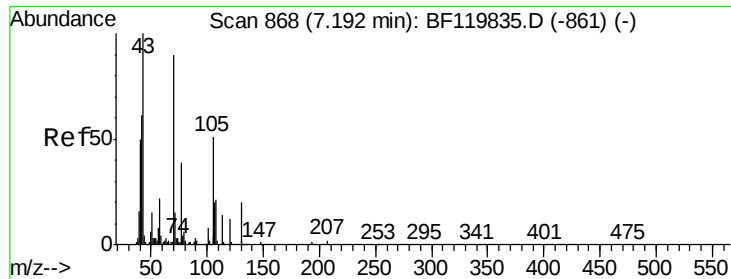
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#18
Hexachloroethane
Concen: 29.250 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

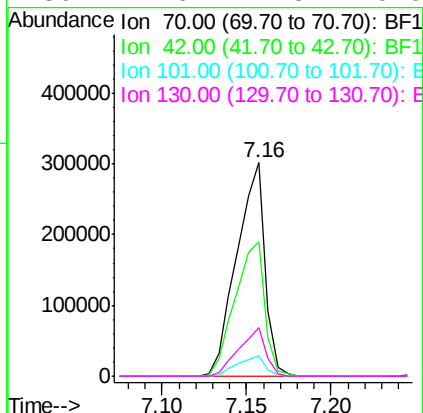
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157950		
119	97.1	77.4	116.0	
201	100.1	68.4	102.6	





#19
n-Nitroso-di-n-propylamine
Concen: 36.564 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.9	54.2	81.4	
101	9.7	7.4	11.2	
130	22.6	17.8	26.6	



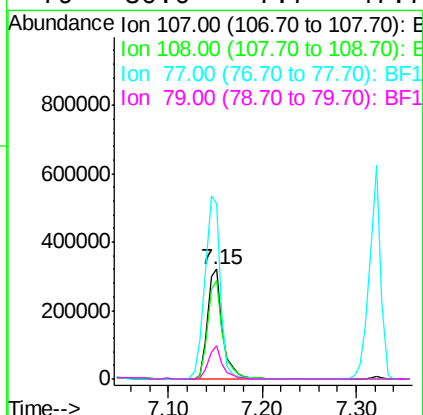
Instrument :
BNA_F
ClientSampleId :
TP-32MS

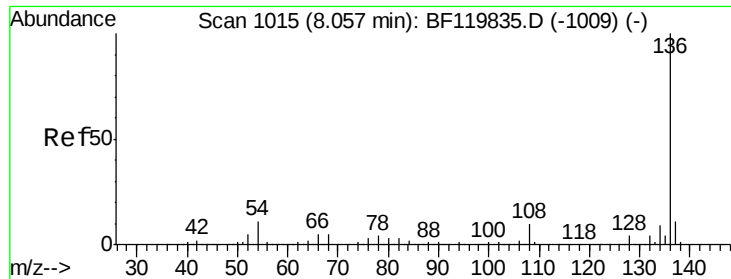
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#20
3+4-Methylphenols
Concen: 25.674 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	68.2	108.2	
77	159.7	86.6	126.6	
79	30.0	7.7	47.7	





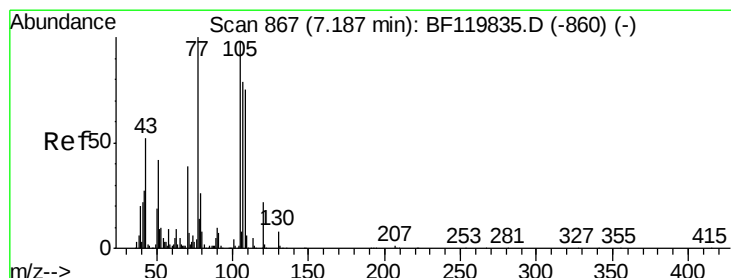
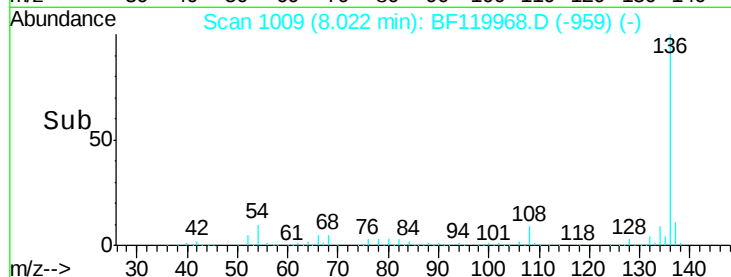
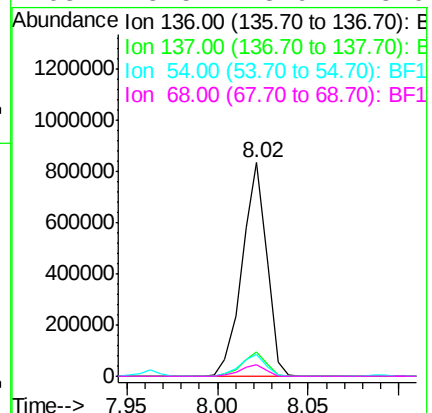
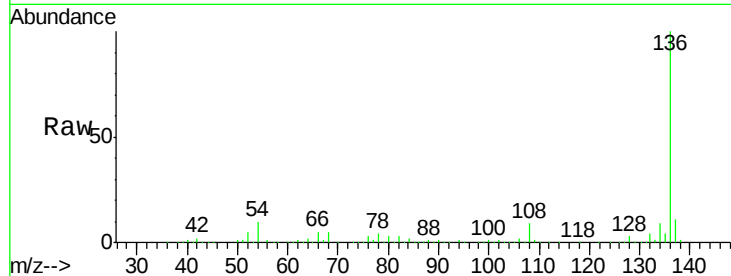
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		781446		
137	11.2	8.7	13.1		
54	10.1	8.5	12.7		
68	5.5	3.9	5.9		

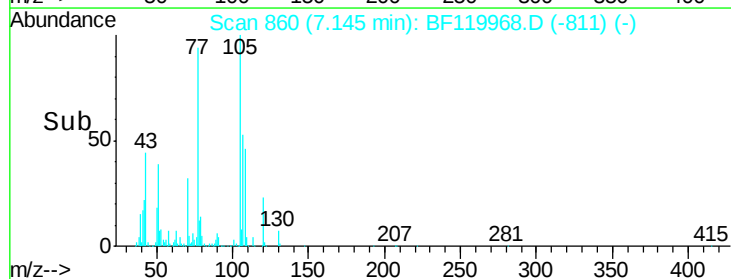
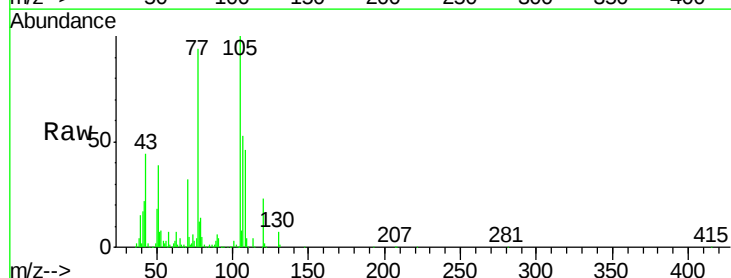
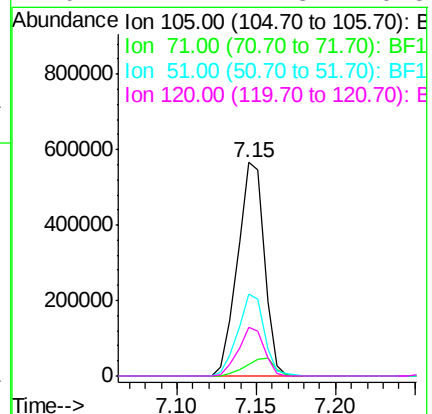
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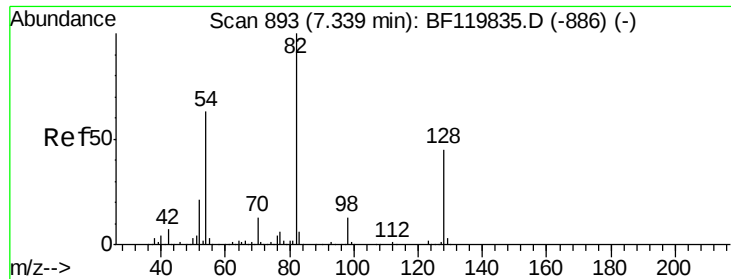
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#22
Acetophenone
Concen: 36.047 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		659626		
71	5.4	5.6	8.4#		
51	38.5	33.9	50.9		
120	22.7	17.8	26.8		





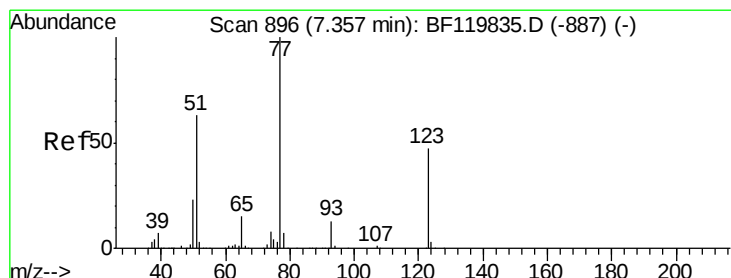
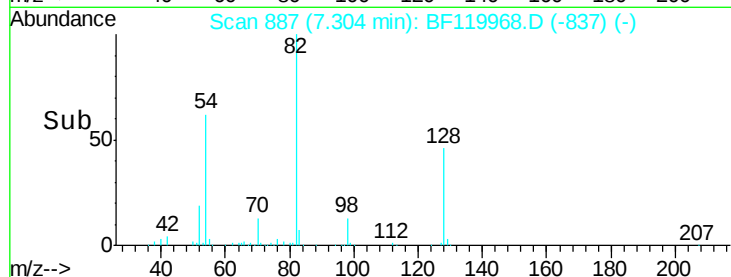
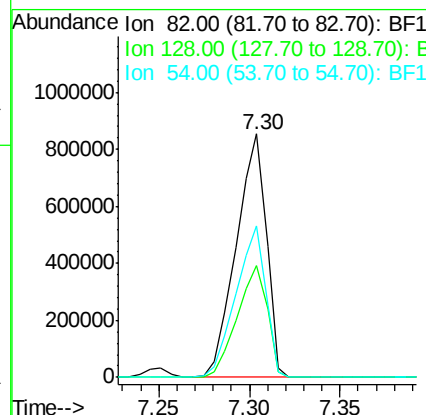
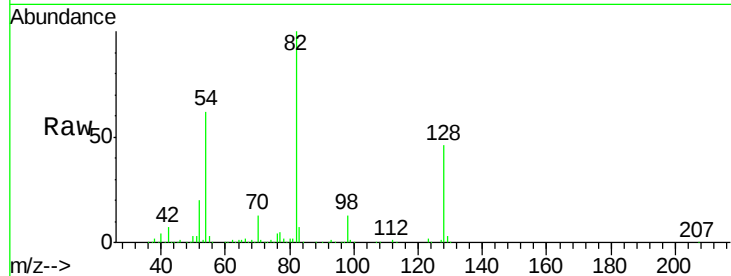
#23
 Nitrobenzene-d5
 Concen: 65.137 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion:	82	Resp:	983900
Ion Ratio	Lower	Upper	
82	100		
128	46.1	36.2	54.4
54	62.0	50.4	75.6

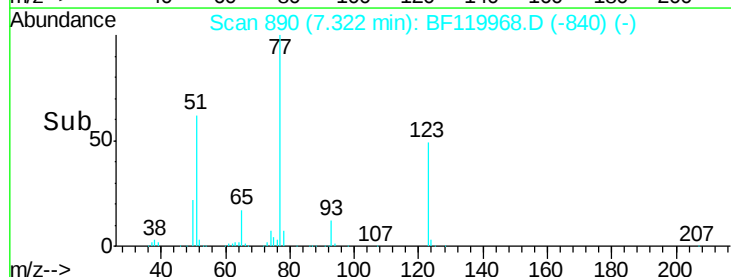
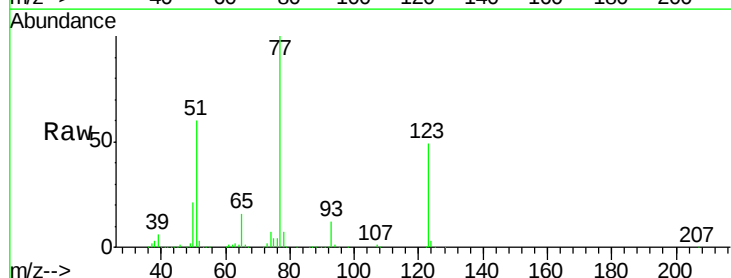
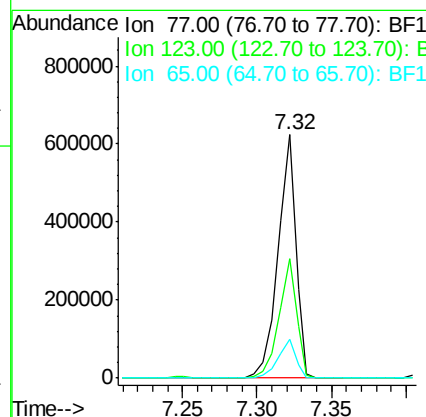
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#24
 Nitrobenzene
 Concen: 34.185 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion:	77	Resp:	519443
Ion Ratio	Lower	Upper	
77	100		
123	48.9	37.8	56.8
65	15.7	12.2	18.2





#25

Isophorone

Concen: 34.748 ng

RT: 7.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampleId :

TP-32MS

Tot Ion: 82 Resp: 1011796

Ion Ratio Lower Upper

82 100

95 6.7 5.8 8.6

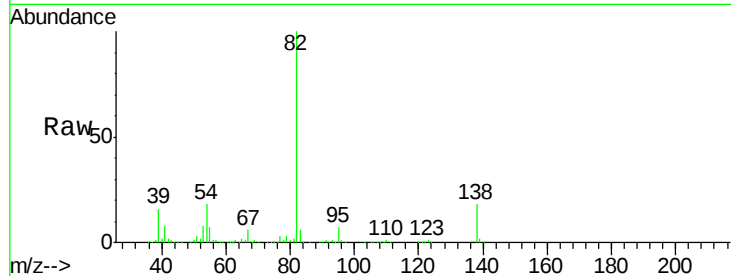
138 18.2 14.5 21.7

Manual Integrations

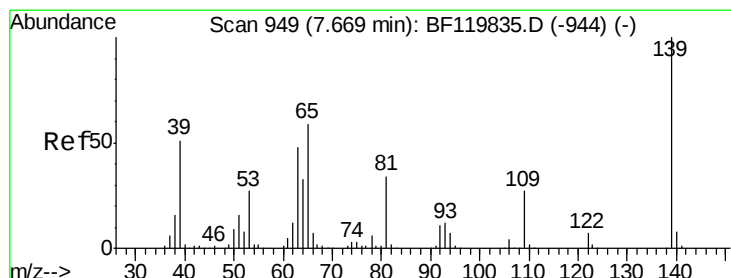
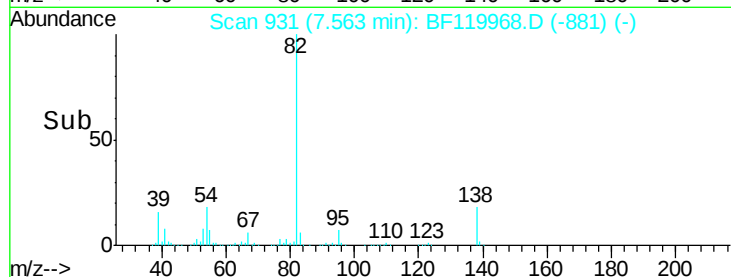
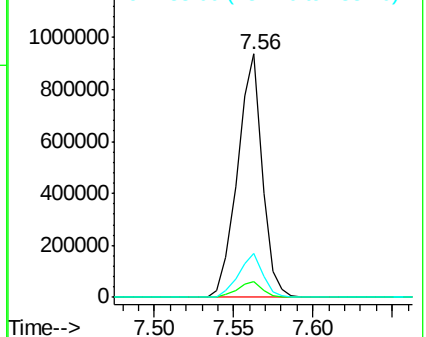
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 23.531 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

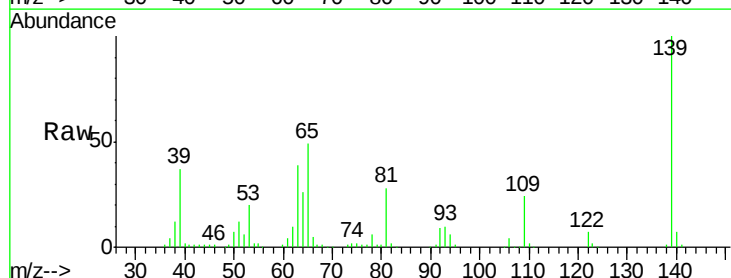
Tgt Ion: 139 Resp: 178637

Ion Ratio Lower Upper

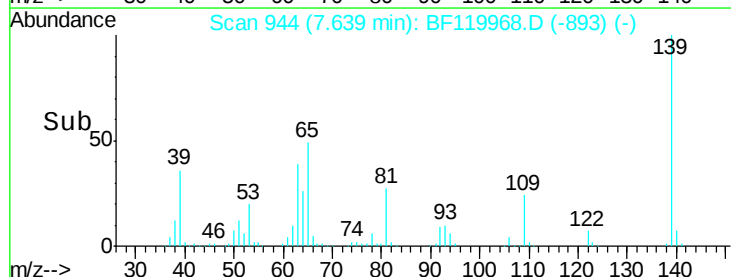
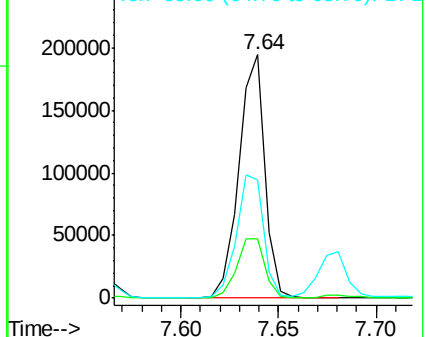
139 100

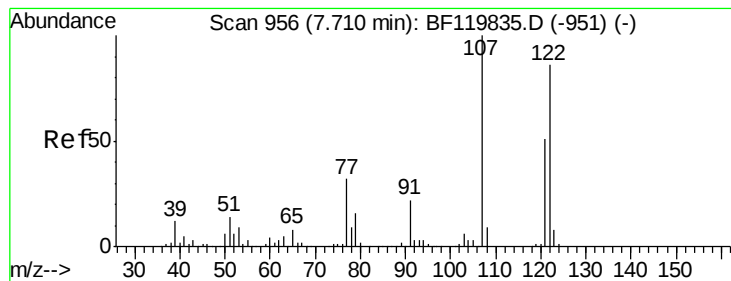
109 24.5 21.8 32.6

65 48.8 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





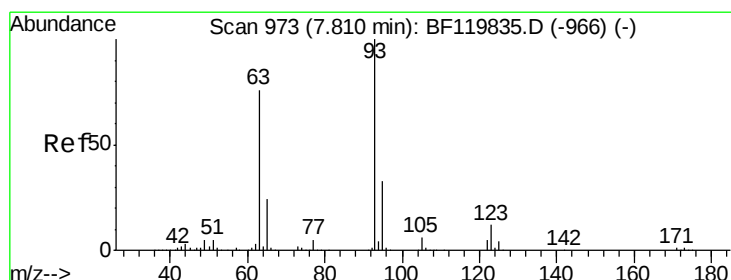
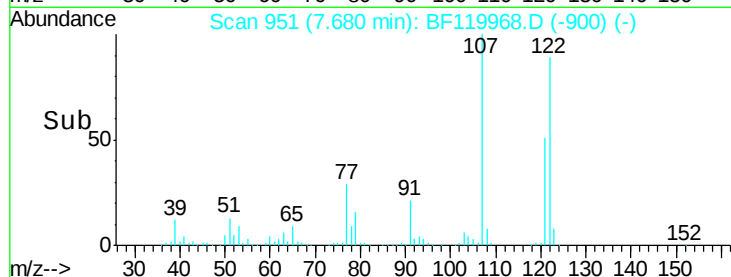
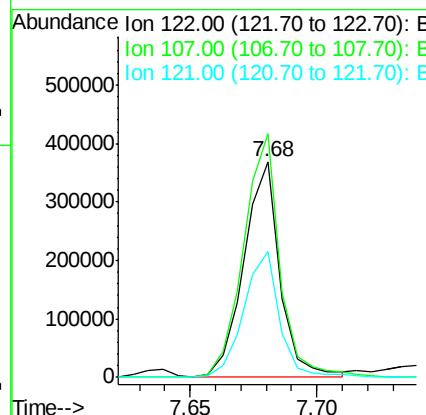
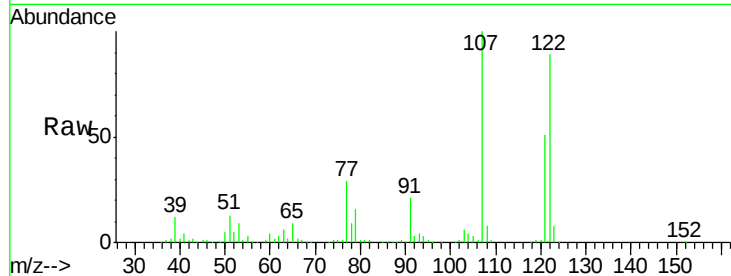
#27
 2,4-Dimethylphenol
 Concen: 31.856 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampled :
 TP-32MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		364740		
107	112.9	92.3	138.5		
121	58.1	46.6	70.0		

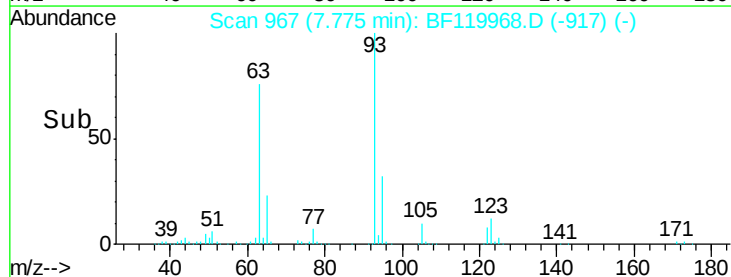
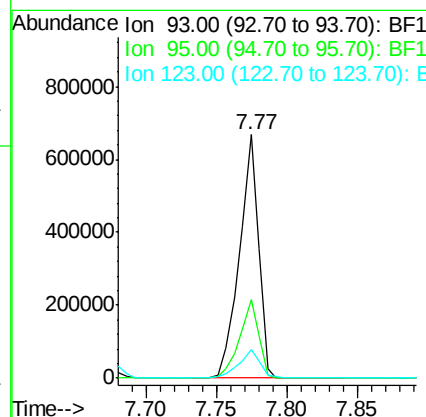
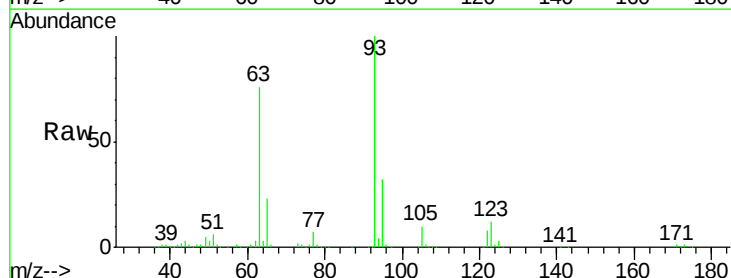
Manual Integrations
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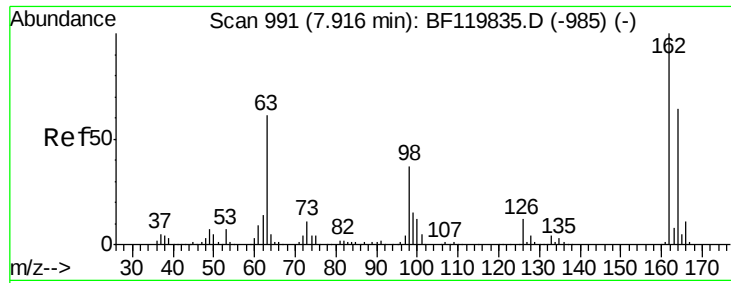
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.765 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		629955		
95	32.1	26.4	39.6		
123	11.6	9.7	14.5		





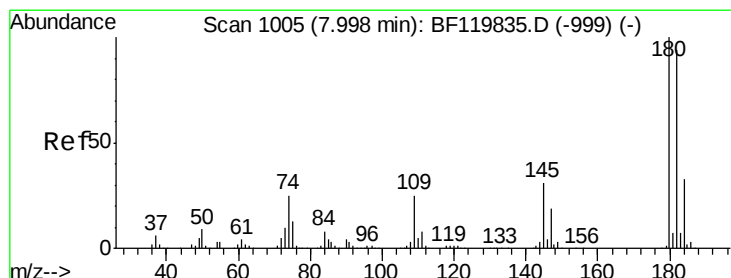
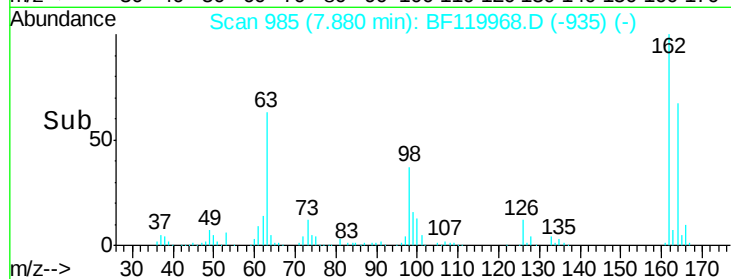
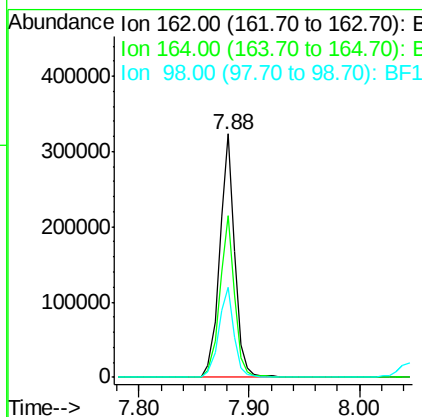
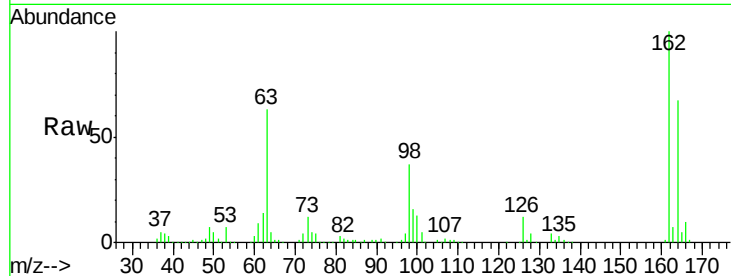
#29
2,4-Dichlorophenol
Concen: 26.042 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		305631		
164	66.5	44.4	84.4		
98	37.2	17.3	57.3		

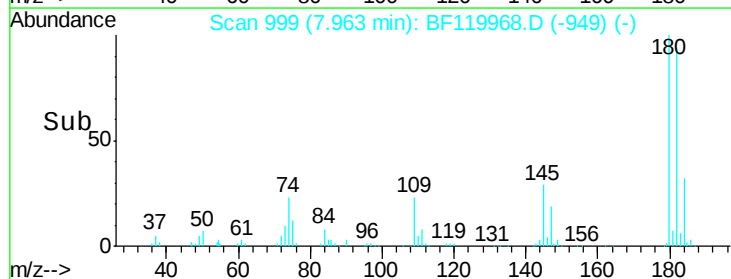
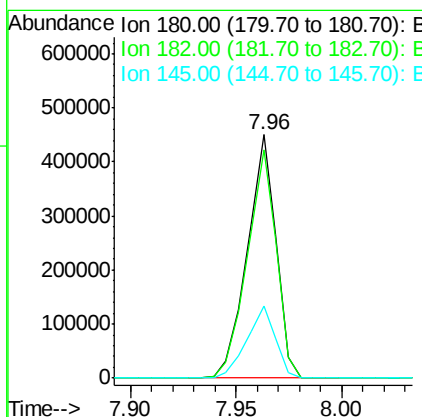
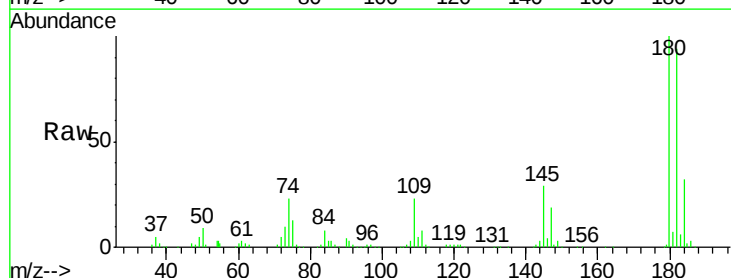
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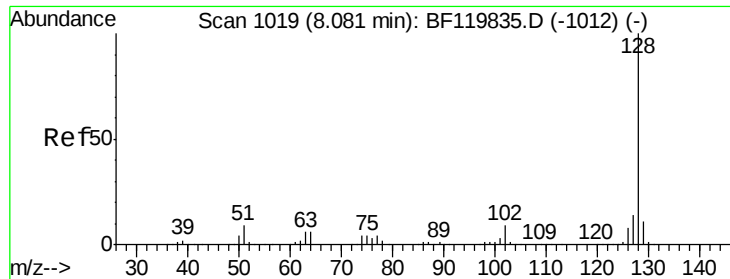
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#30
1,2,4-Trichlorobenzene
Concen: 31.980 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		425260		
182	93.8	75.4	113.0		
145	29.5	24.6	37.0		





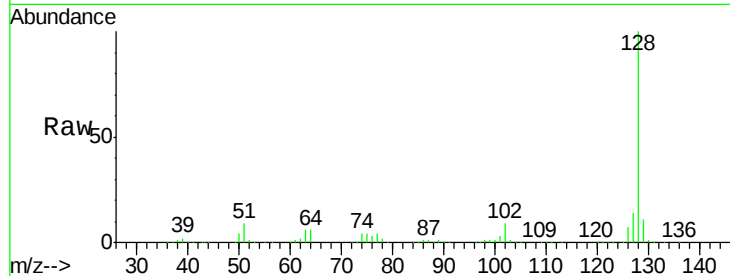
#31
Naphthalene
Concen: 33.548 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

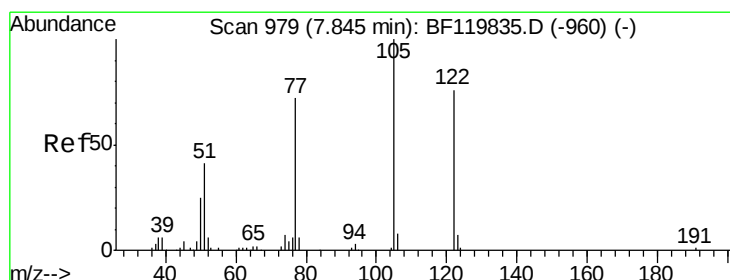
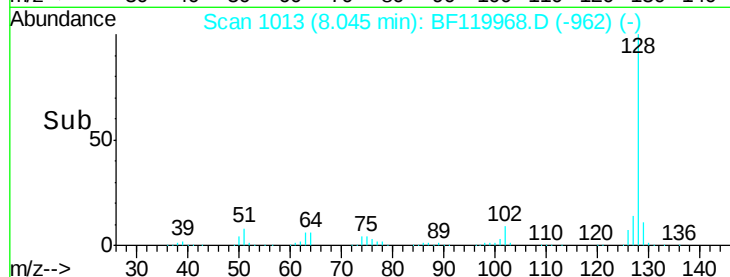
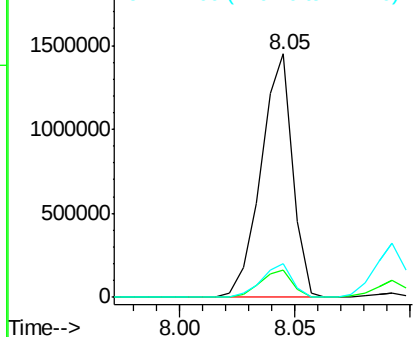
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.7	11.0	16.4

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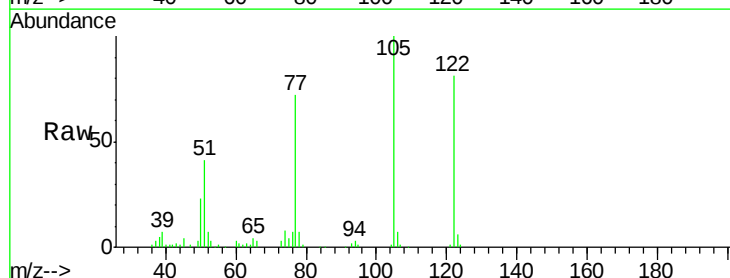


Abundance Ion 128.00 (127.70 to 128.70): E
2000000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

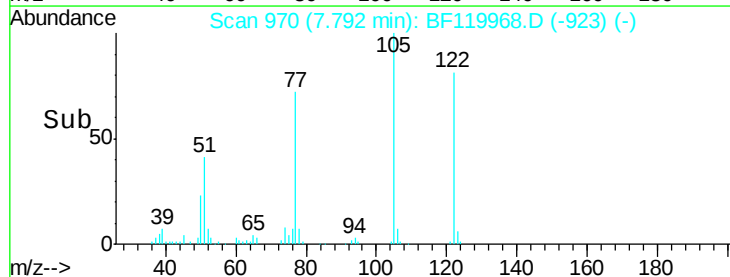
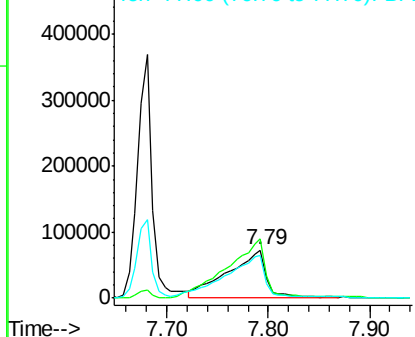


#32
Benzoic acid
Concen: 18.688 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.0	106.7	146.7
77	89.0	72.1	112.1



Abundance Ion 122.00 (121.70 to 122.70): E
500000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





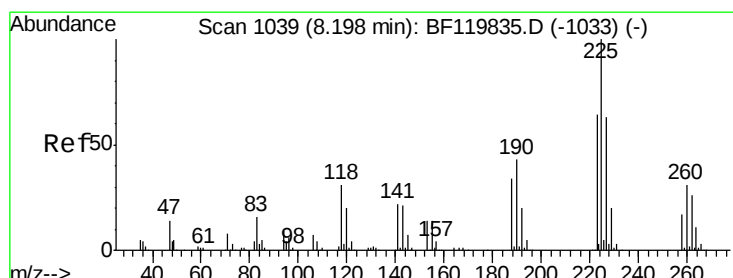
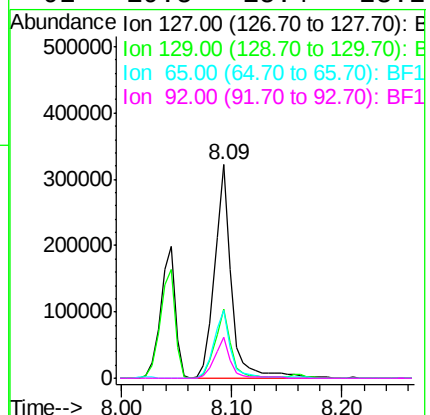
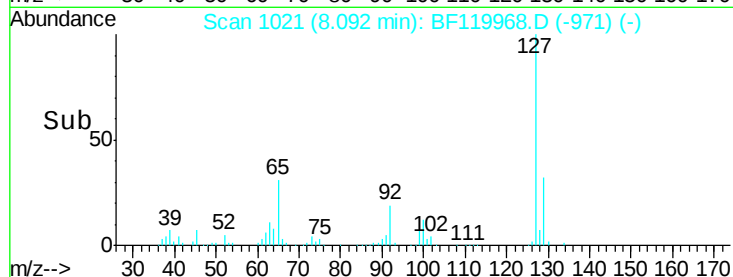
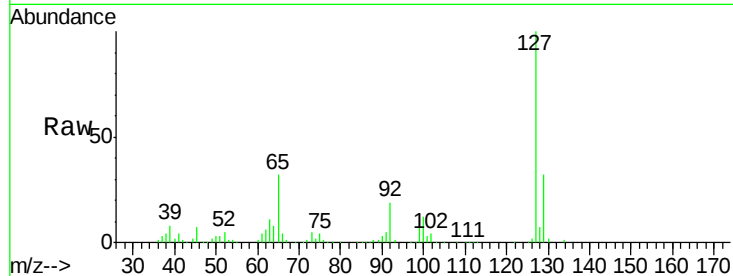
#33
4-Chloroaniline
Concen: 18.590 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.2	39.2		
65	31.7	28.3	42.5		
92	19.5	15.4	23.2		

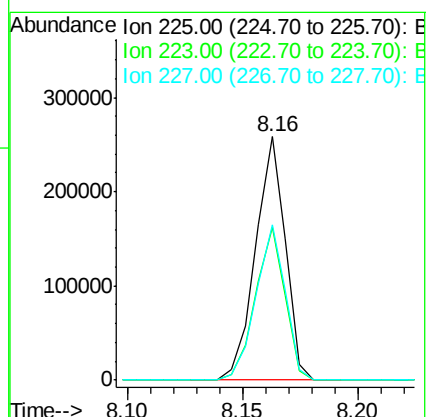
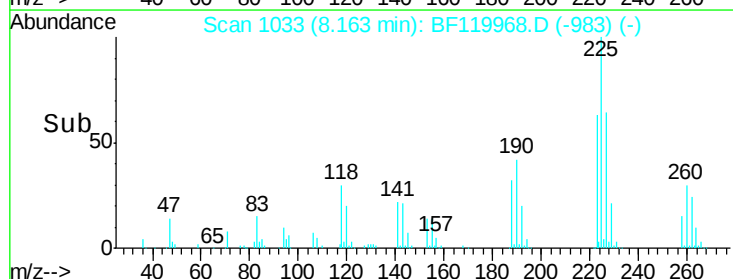
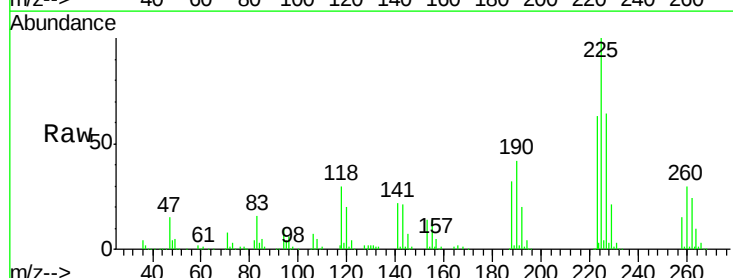
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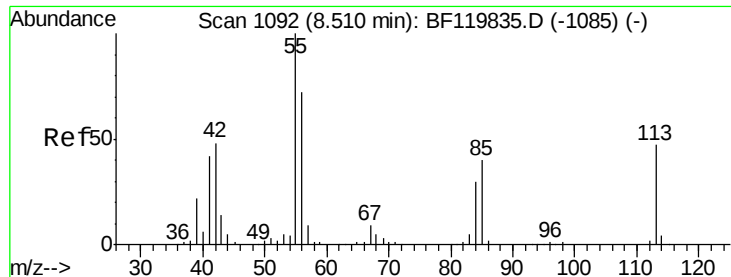
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#34
Hexachlorobutadiene
Concen: 29.307 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	51.0	76.6		
227	63.9	50.4	75.6		





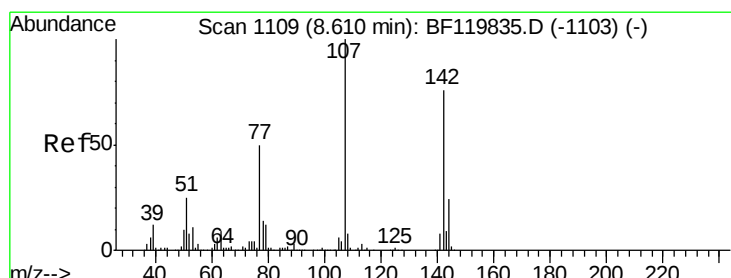
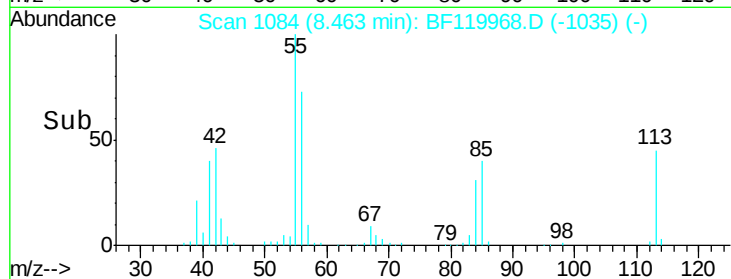
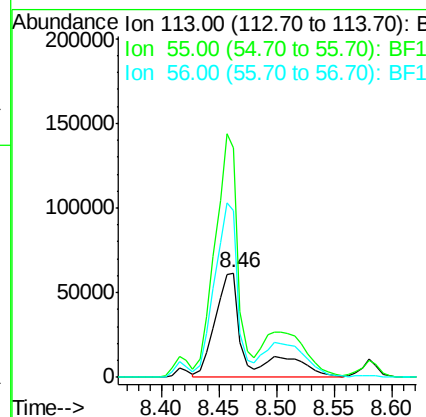
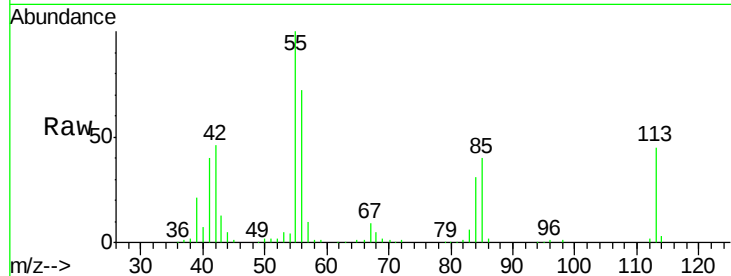
#35
Caprolactam
Concen: 33.233 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	220.5	192.7	232.7
56	159.8	133.3	173.3

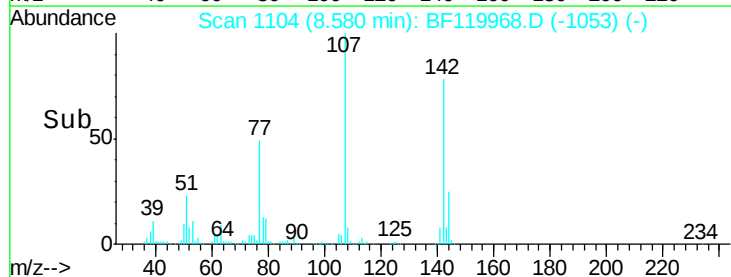
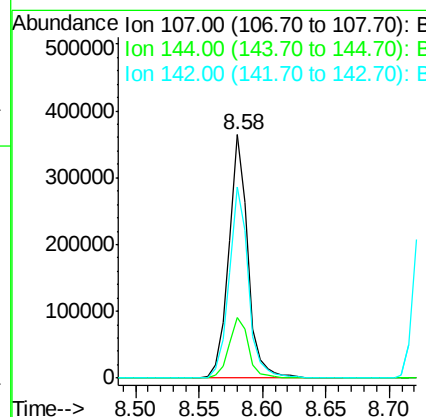
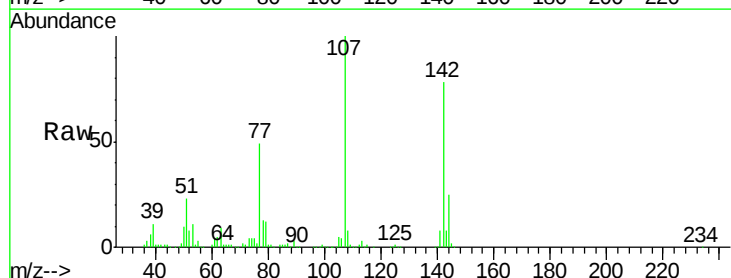
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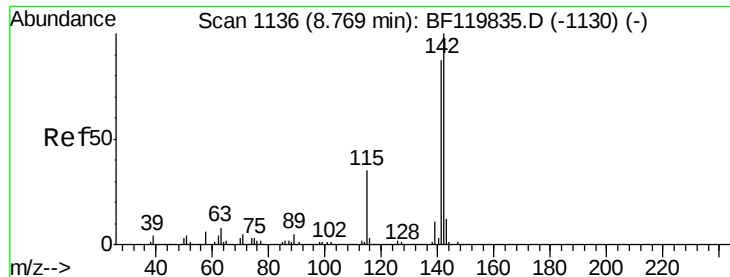
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#36
4-Chloro-3-methylphenol
Concen: 29.931 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.5	29.3
142	78.4	60.5	90.7





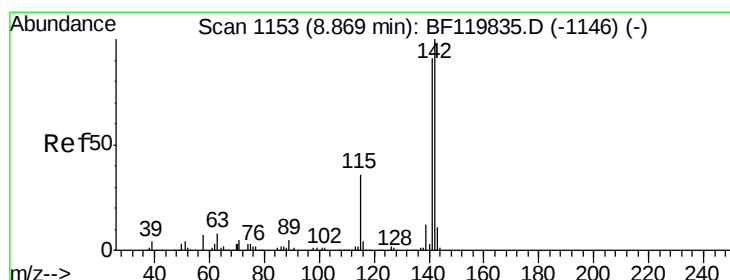
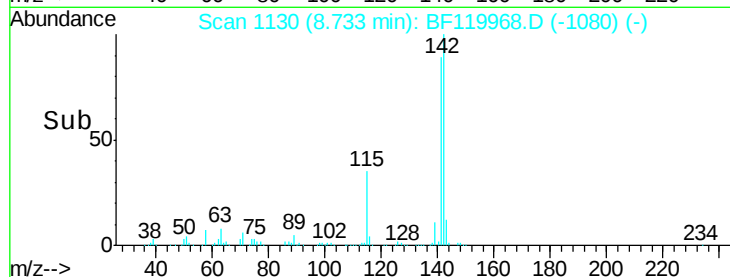
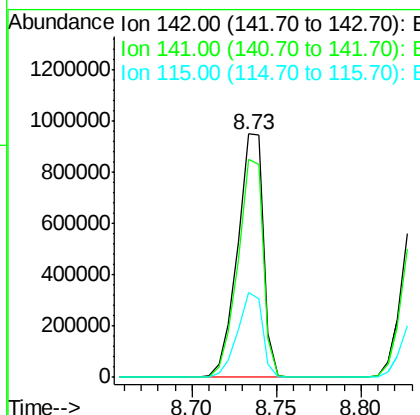
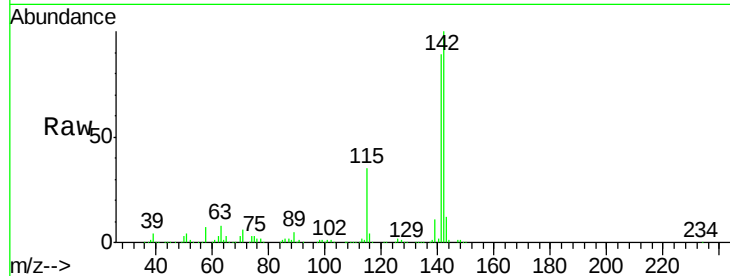
#37
2-Methylnaphthalene
Concen: 36.243 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion:142 Resp: 1010232
Ion Ratio Lower Upper
142 100
141 89.3 69.9 104.9
115 34.9 28.0 42.0

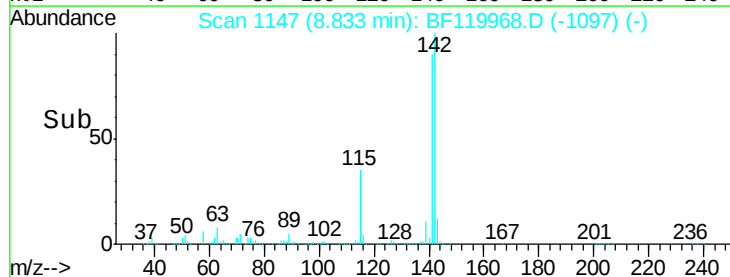
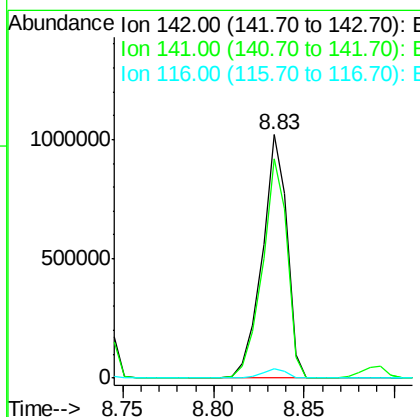
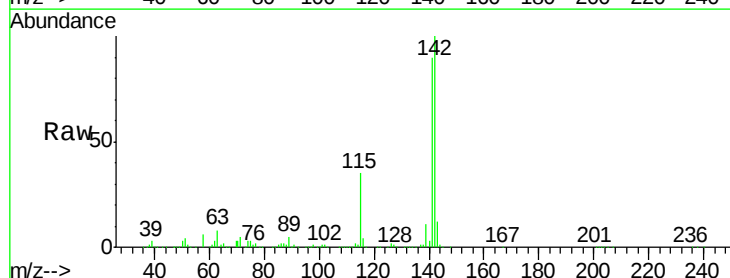
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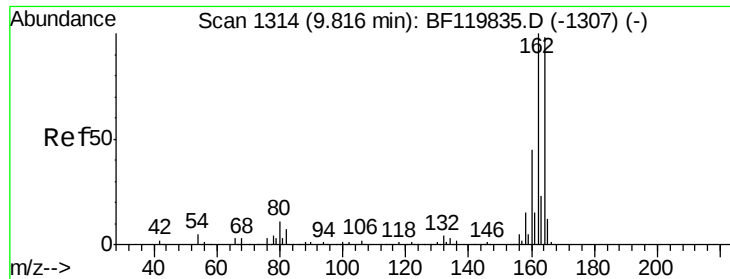
mohammad
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#38
1-Methylnaphthalene
Concen: 36.821 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion:142 Resp: 967395
Ion Ratio Lower Upper
142 100
141 90.0 72.9 109.3
116 3.8 3.0 4.6





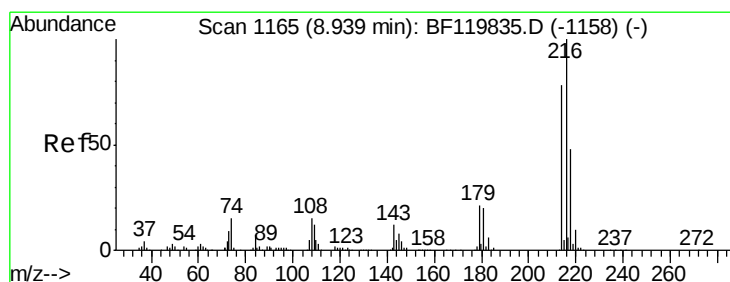
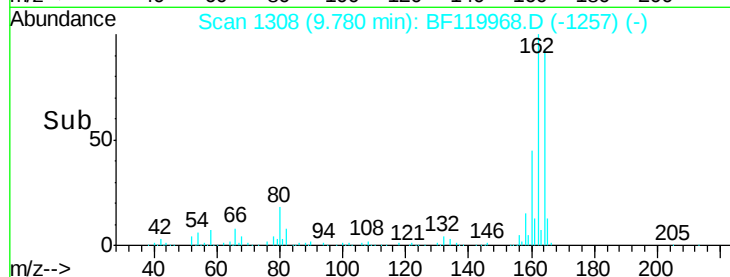
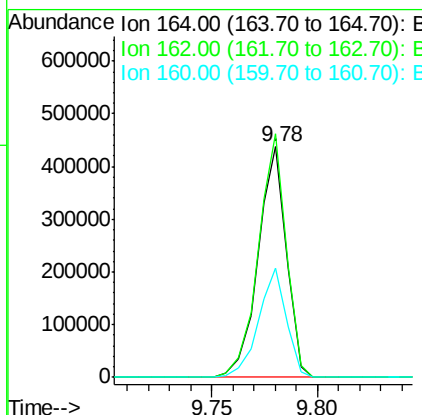
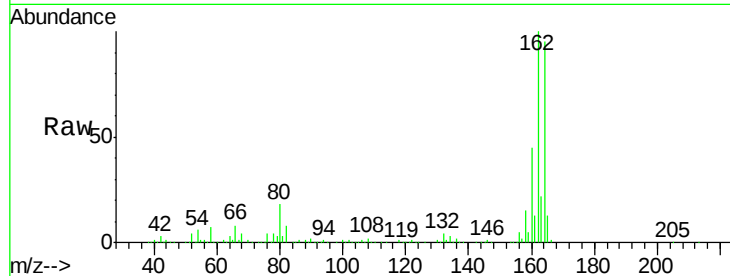
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.6	81.9	122.9	
160	47.3	36.6	54.8	

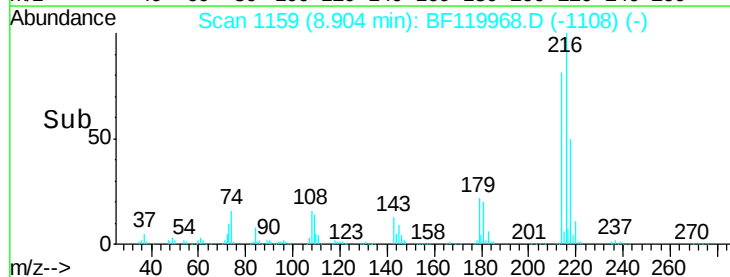
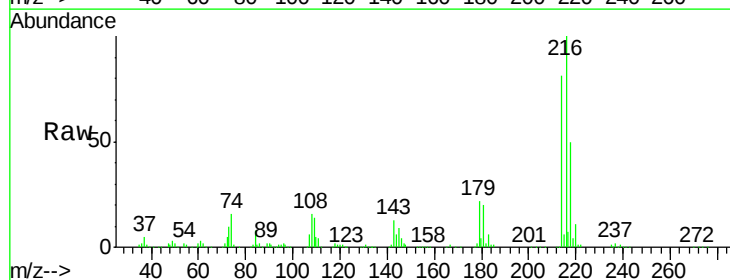
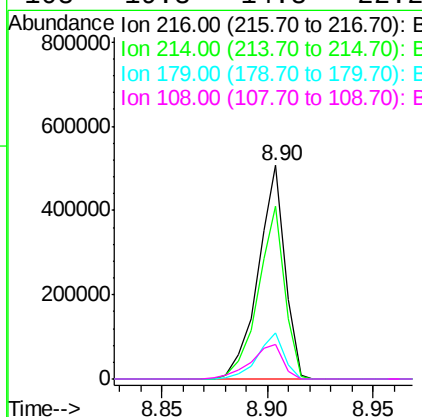
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.669 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	63.1	94.7	
179	21.3	17.0	25.4	
108	19.3	14.8	22.2	





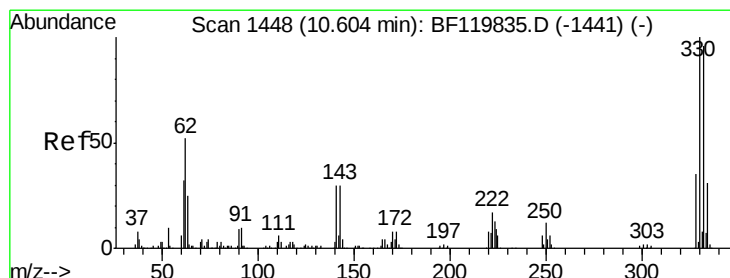
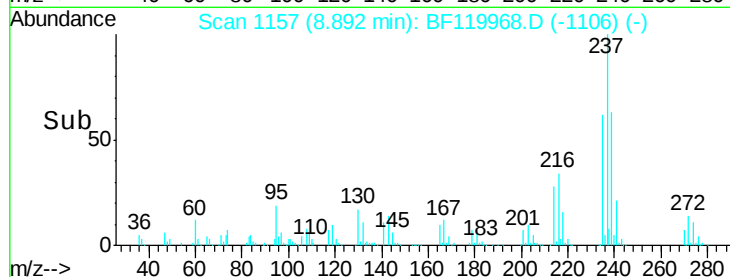
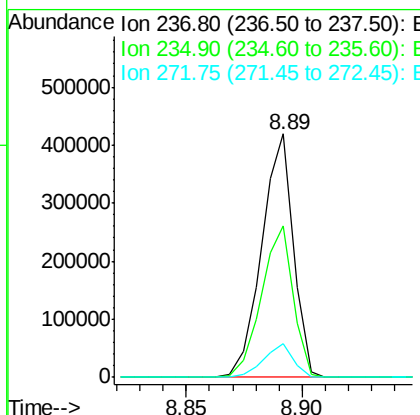
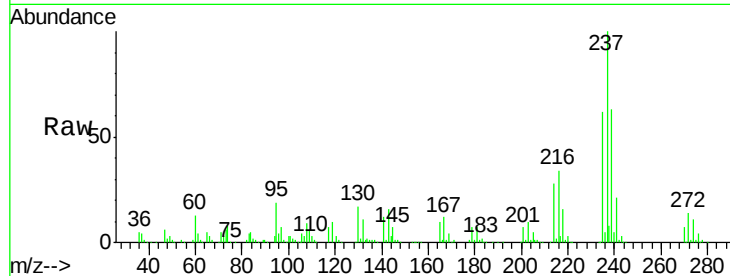
#41
Hexachlorocyclopentadiene
Concen: 54.408 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	44.9	84.9	
272	14.1	0.0	33.6	

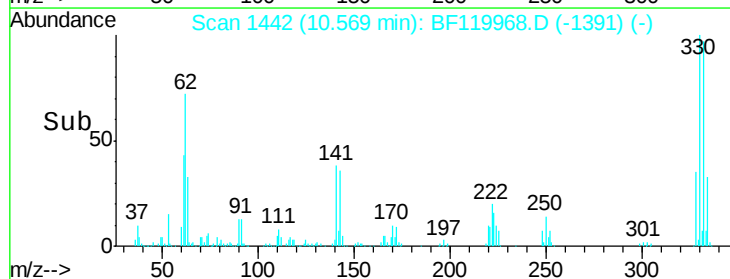
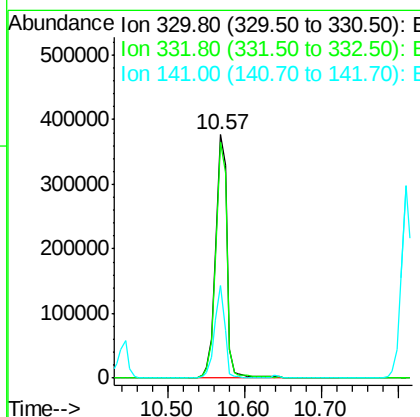
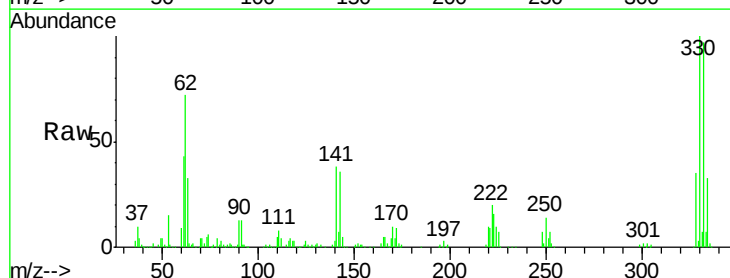
Manual Integrations
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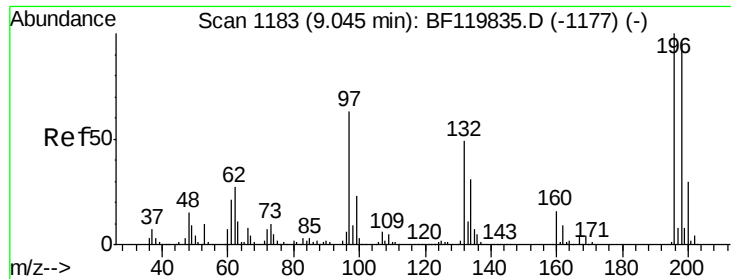
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#42
2,4,6-Tribromophenol
Concen: 75.847 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	76.8	115.2	
141	34.1	25.1	37.7	





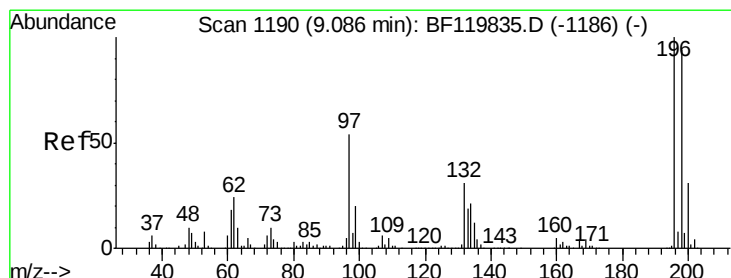
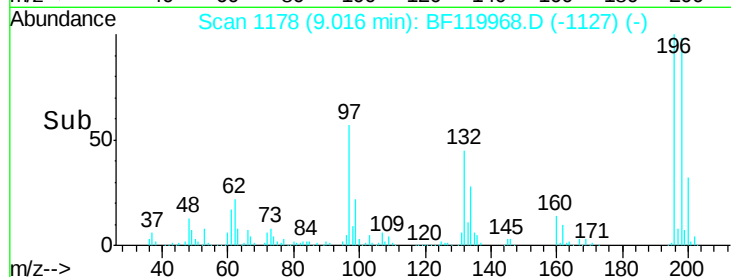
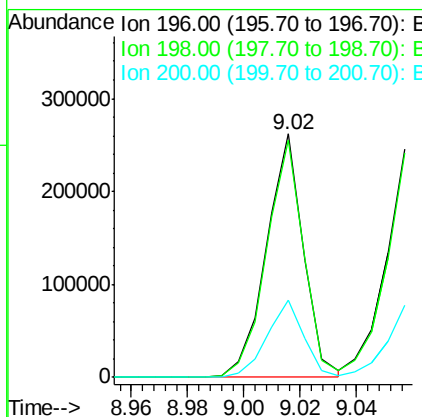
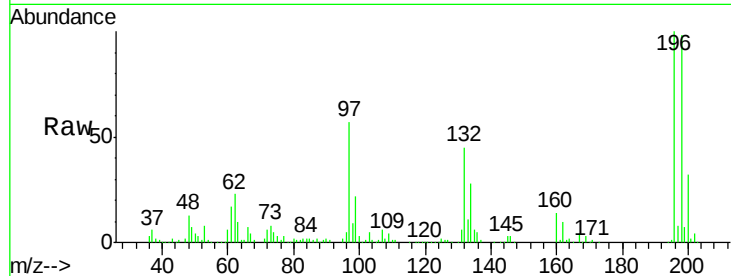
#43
 2,4,6-Trichlorophenol
 Concen: 26.688 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237939		
198	97.6		76.6	115.0
200	31.9		24.2	36.2

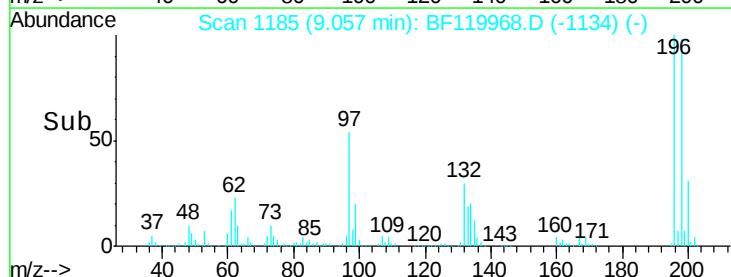
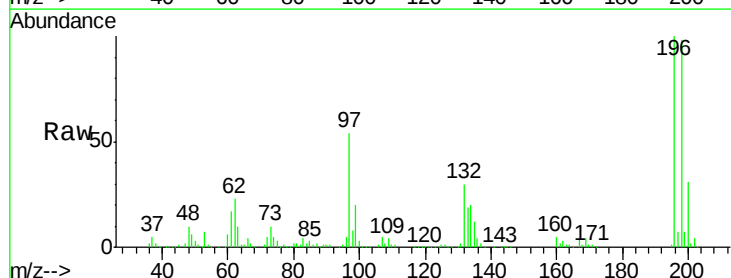
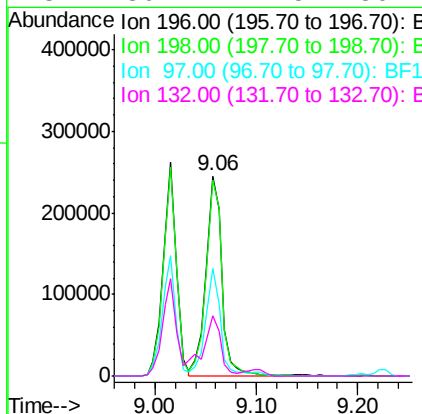
Manual Integrations
 APPROVED

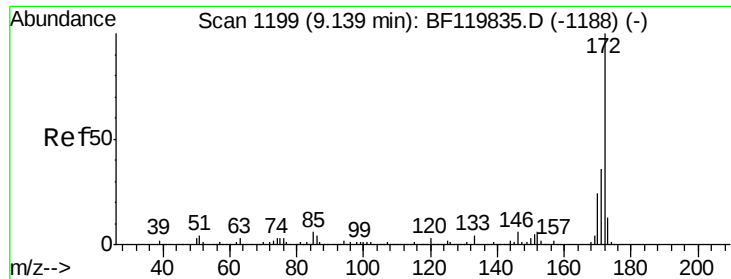
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 26.710 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268208		
198	98.0		75.1	112.7
97	53.9		43.4	65.2
132	30.2		24.5	36.7





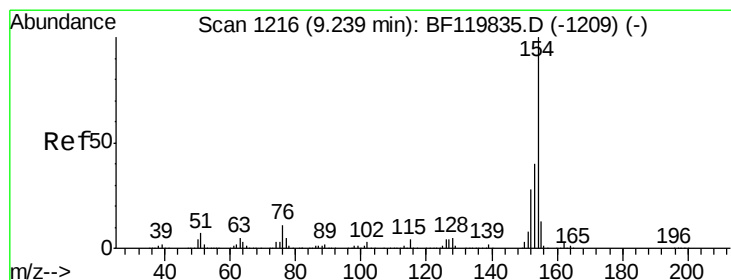
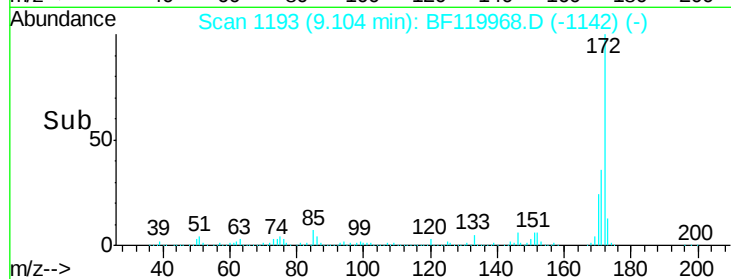
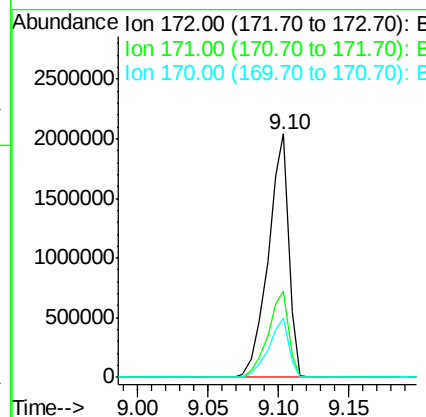
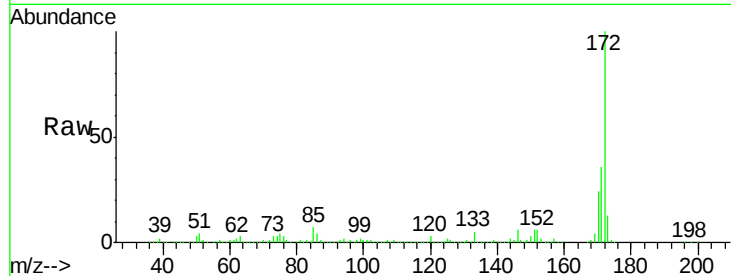
#45
2-Fluorobiphenyl
Concen: 72.244 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.5	28.9	43.3	
170	24.4	19.4	29.2	

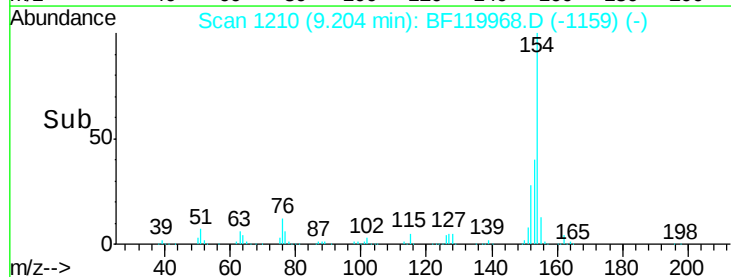
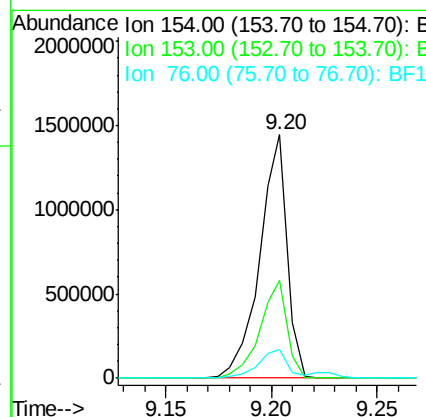
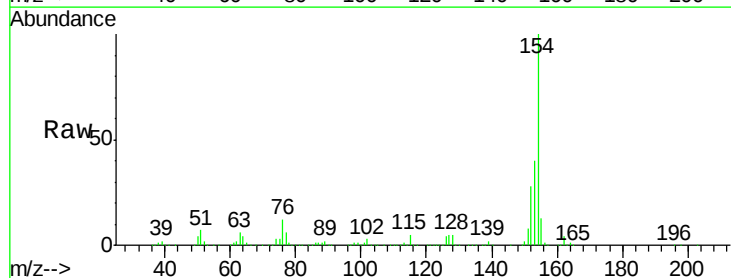
Manual Integrations
APPROVED

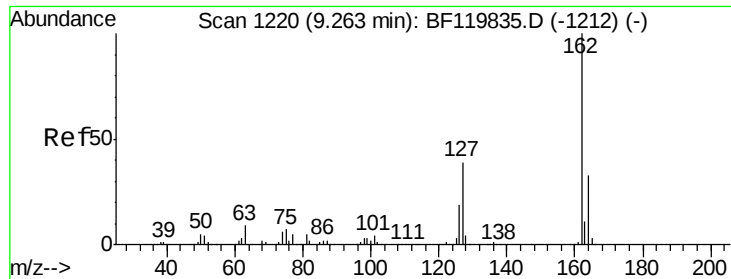
mohammad
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#46
1,1'-Biphenyl
Concen: 37.693 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.3	20.5	60.5	
76	11.5	0.0	30.6	





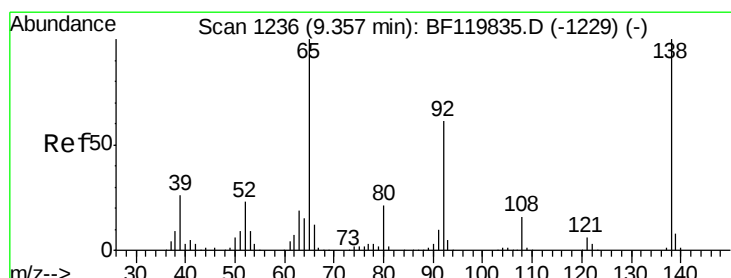
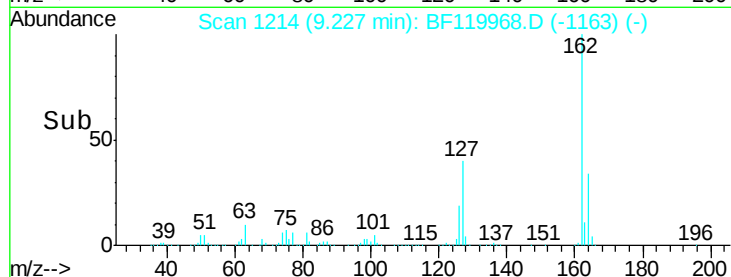
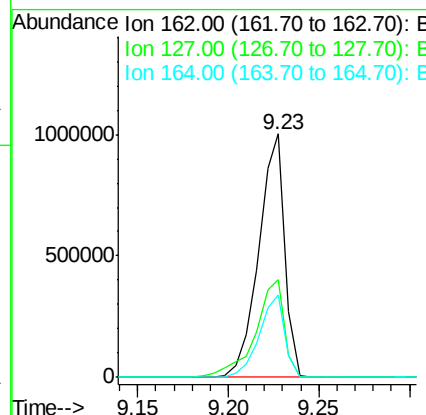
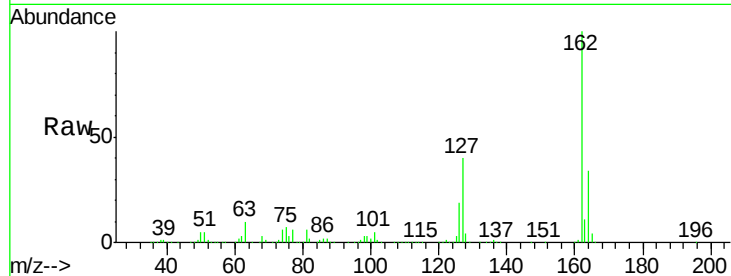
#47
2-Chloronaphthalene
Concen: 37.331 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.2	31.2	46.8	
164	33.7	26.3	39.5	

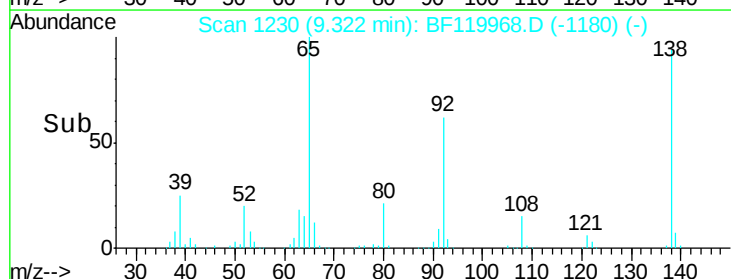
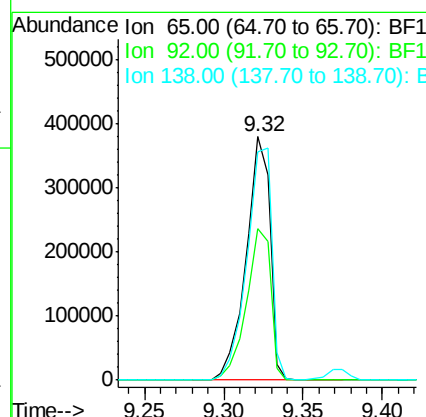
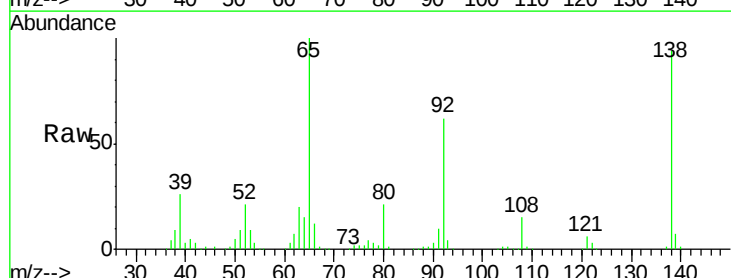
Manual Integrations
APPROVED

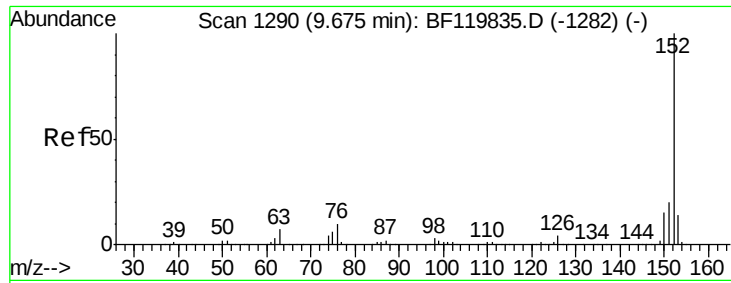
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#48
2-Nitroaniline
Concen: 40.861 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	62.1	49.0	73.6	
138	93.6	79.7	119.5	





#49

Acenaphthylene

Concen: 40.369 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampleId :

TP-32MS

Tot Ion:152 Resp: 1631803

Ion Ratio Lower Upper

152 100

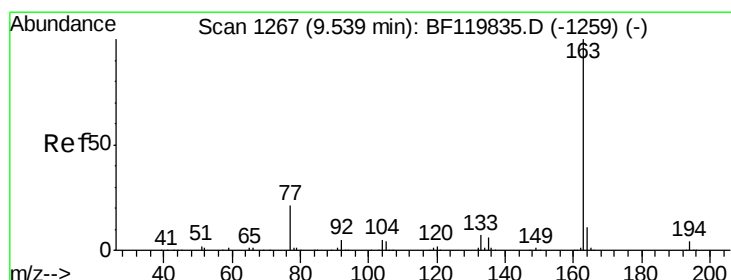
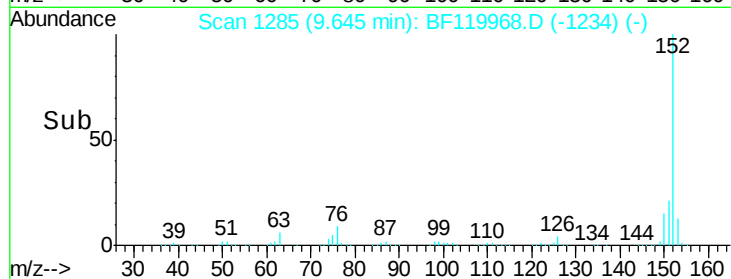
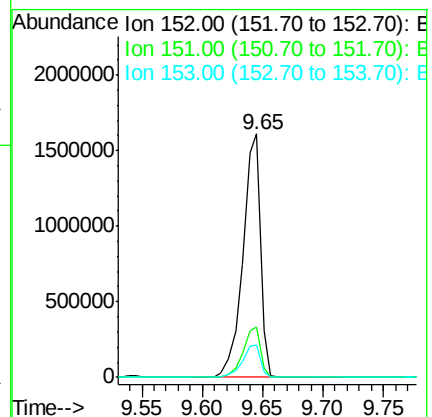
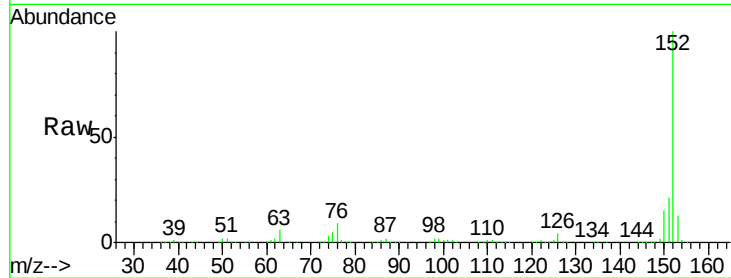
151 20.5 16.2 24.4

153 13.2 10.9 16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.286 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

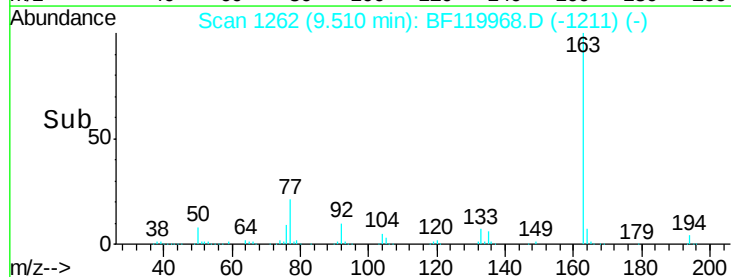
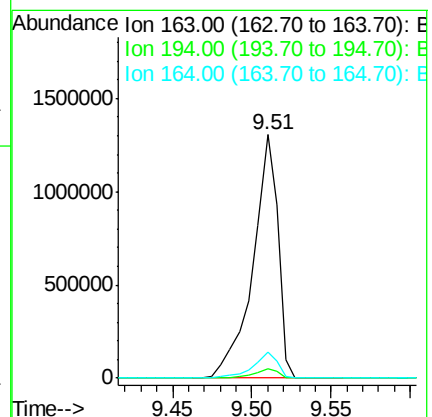
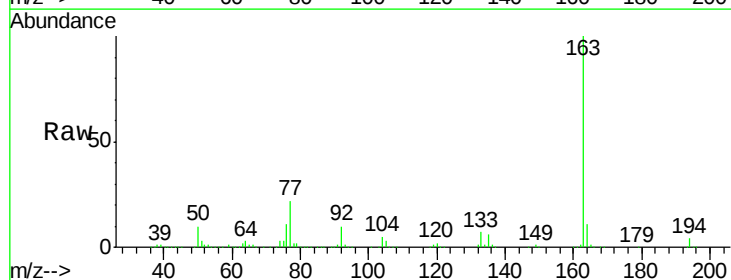
Tgt Ion:163 Resp: 1431877

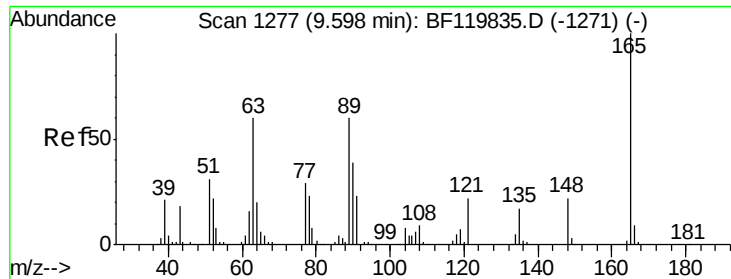
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.9 8.4 12.6





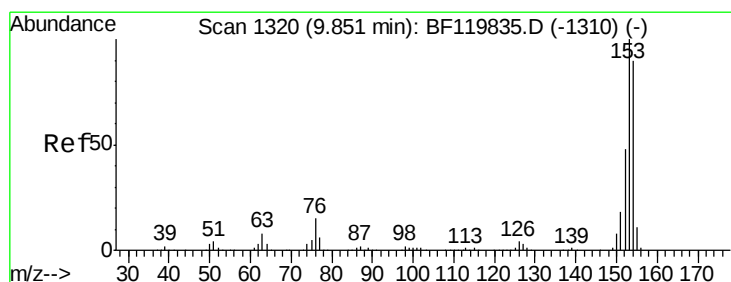
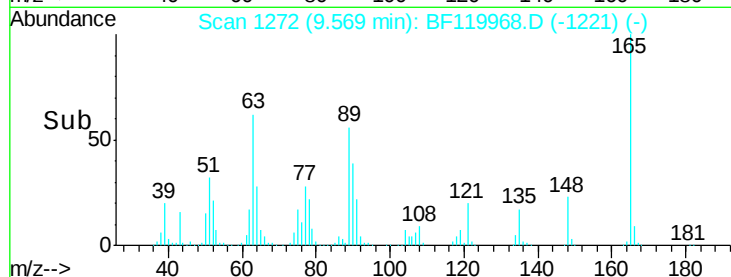
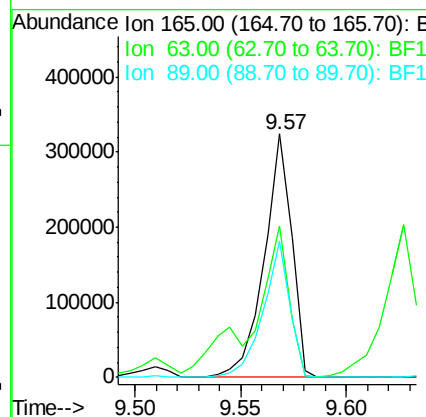
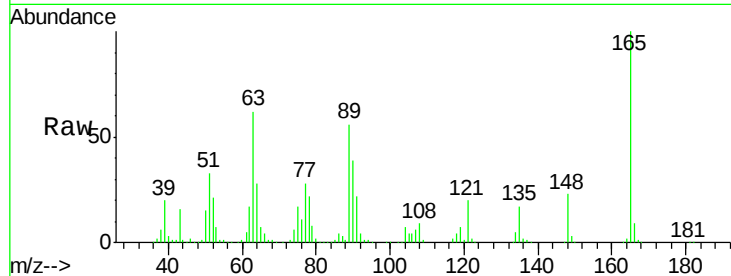
#51
2,6-Dinitrotoluene
Concen: 42.473 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	294081		
63	62.3	55.6	83.4	
89	55.8	47.9	71.9	

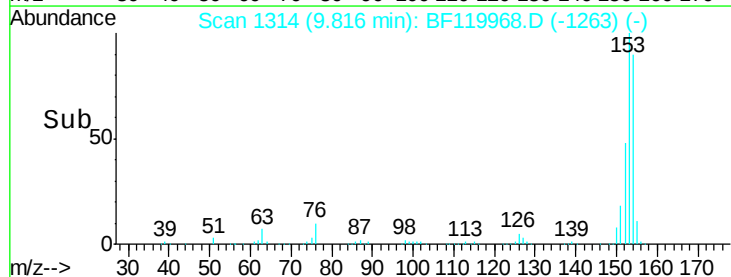
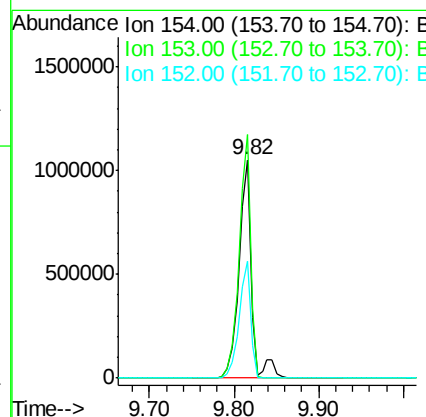
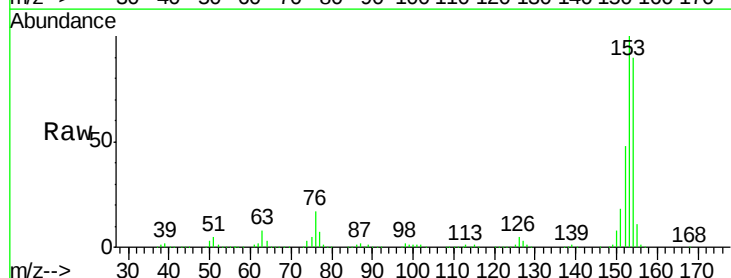
Manual Integrations
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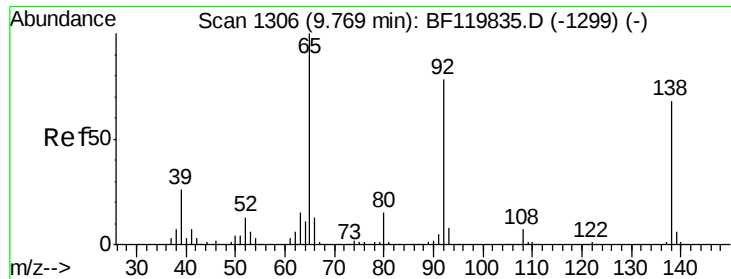
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#52
Acenaphthene
Concen: 39.461 ng m
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1064044		
153	111.5	88.8	133.2	
152	53.4	42.4	63.6	





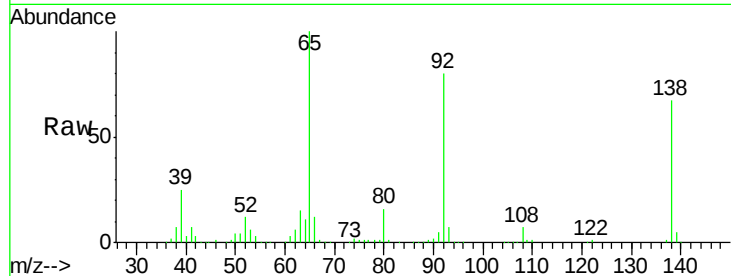
#53
3-Nitroaniline
Concen: 29.697 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

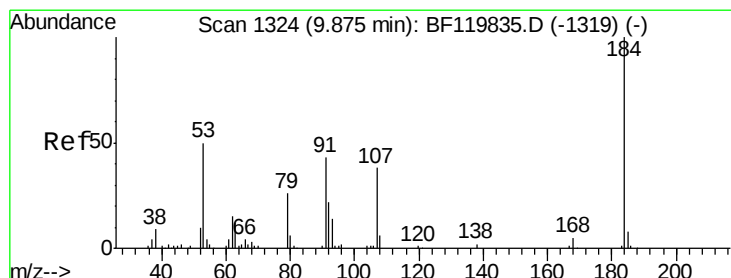
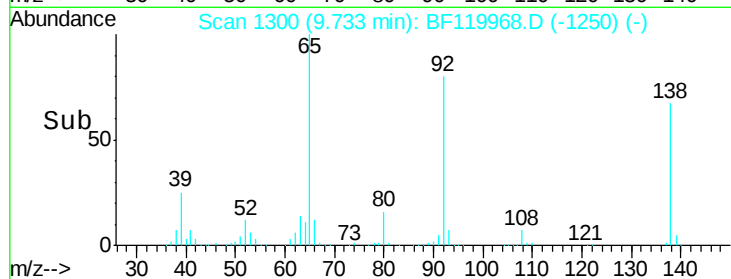
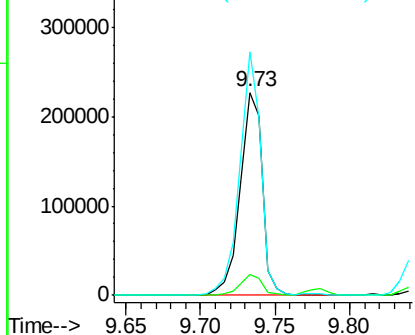
Tot Ion	Ratio	Resp	Lower	Upper
138	100	234834		
108	10.5	8.0	12.0	
92	120.0	92.1	138.1	

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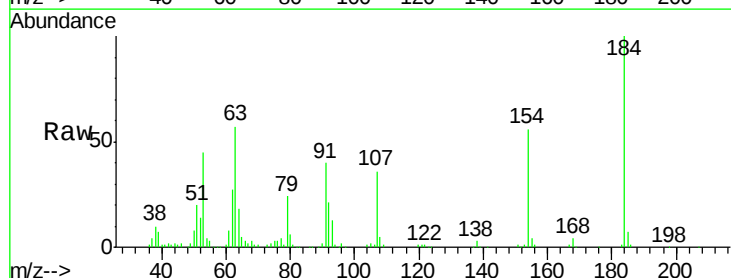


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

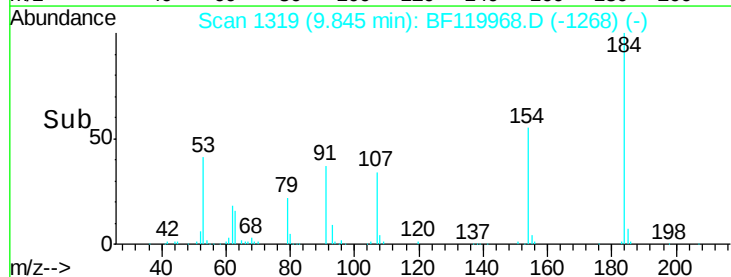
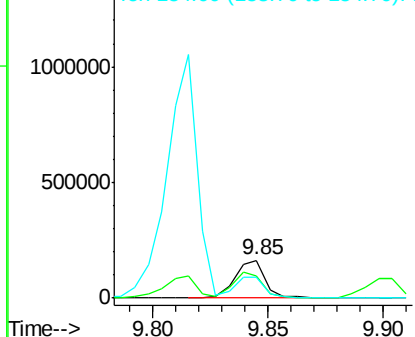


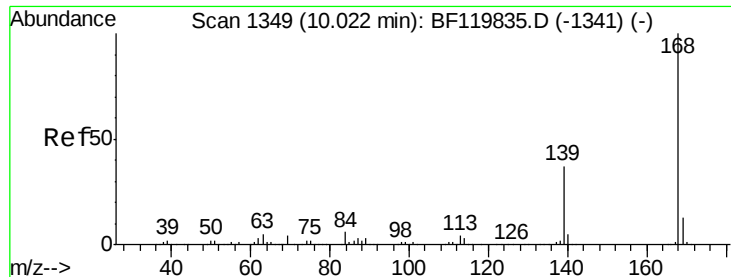
#54
2,4-Dinitrophenol
Concen: 36.207 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	150092		
63	57.0	49.8	74.6	
154	55.6	46.5	69.7	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





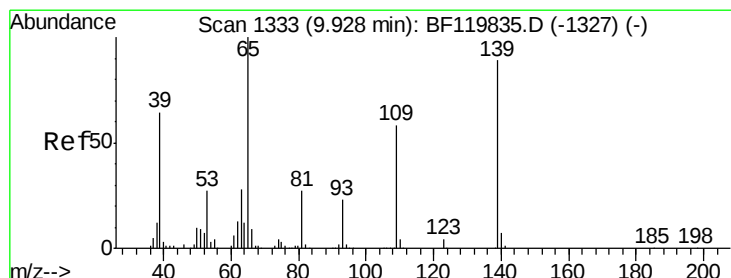
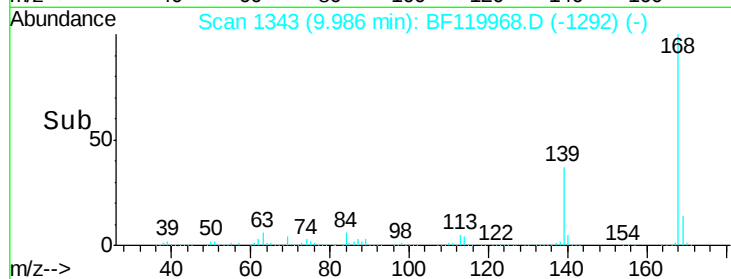
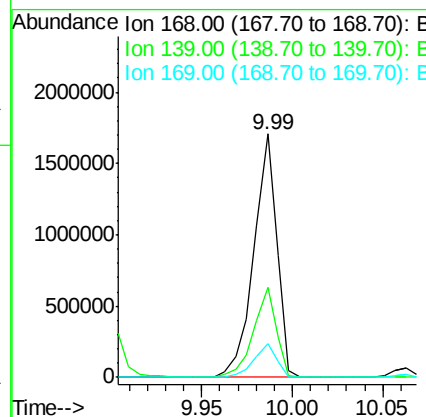
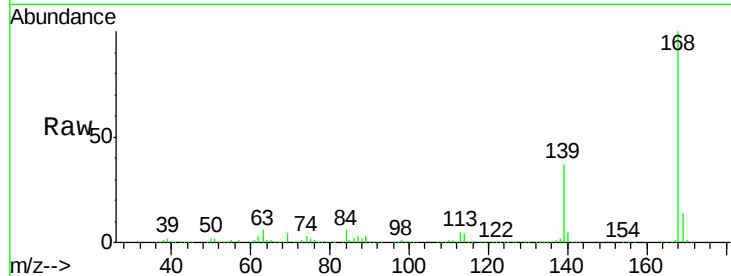
#55
Dibenzofuran
Concen: 40.726 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.8	44.6
169	13.7	10.6	15.8

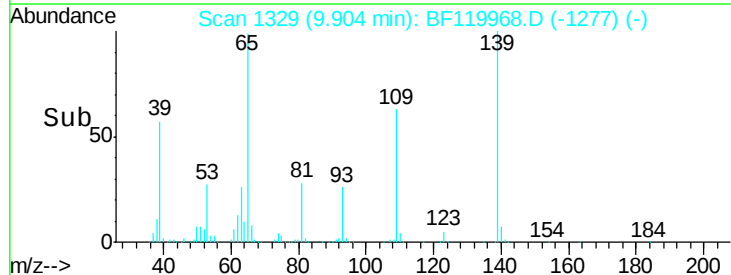
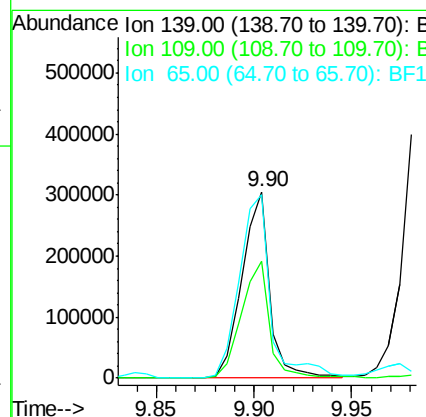
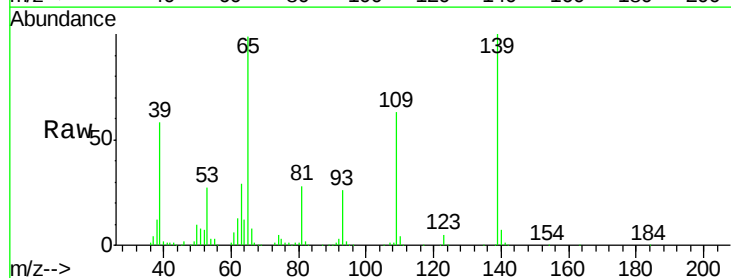
Manual Integrations
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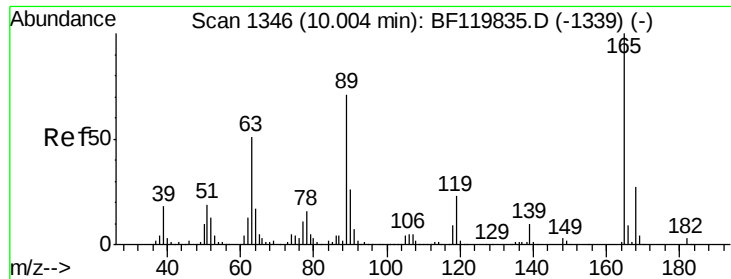
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#56
4-Nitrophenol
Concen: 51.279 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.9	45.5	85.5
65	98.8	92.3	132.3





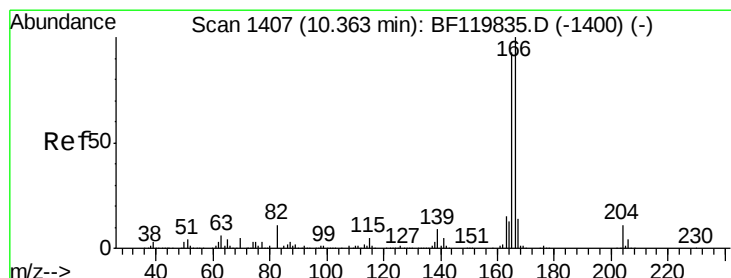
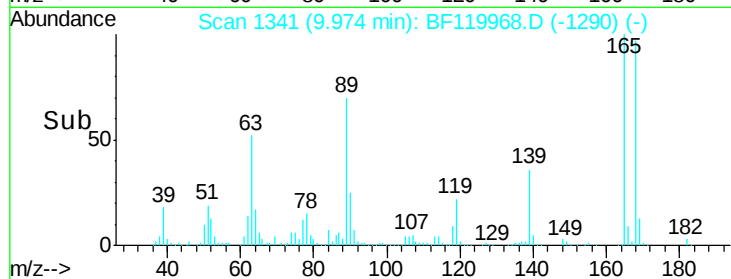
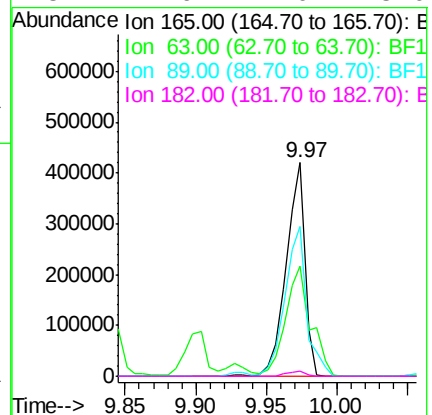
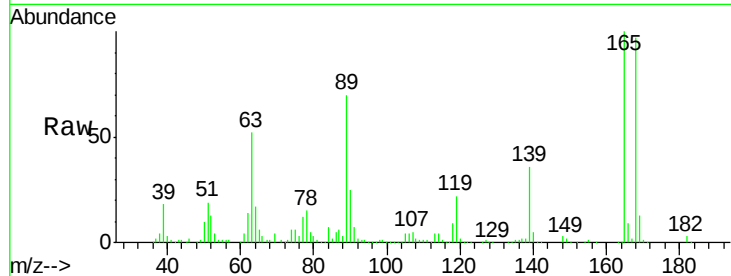
#57
 2,4-Dinitrotoluene
 Concen: 42.833 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		390741		
63	51.5	40.8	61.2		
89	70.3	56.9	85.3		
182	2.6	2.0	3.0		

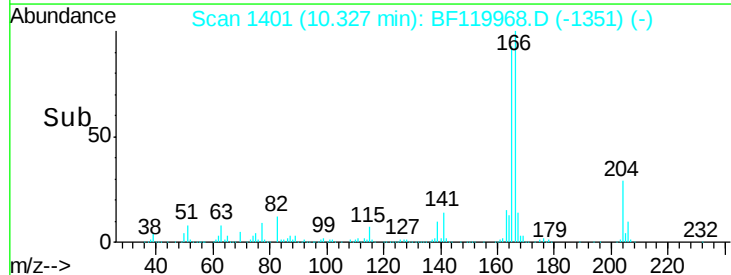
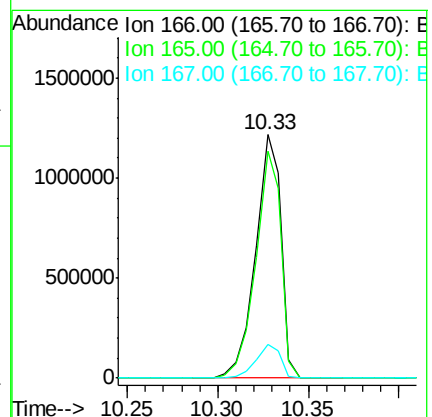
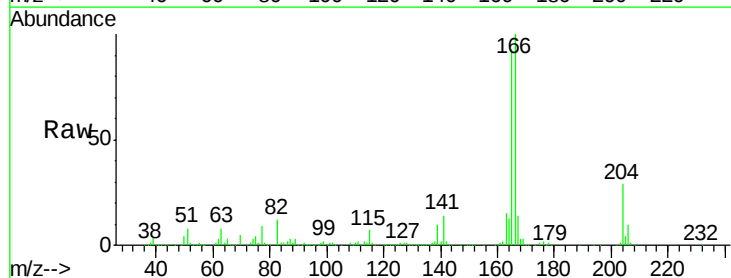
Manual Integrations
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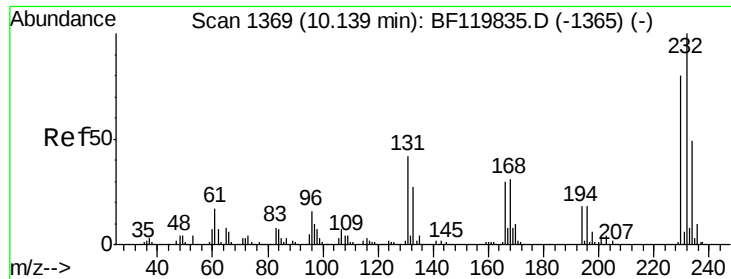
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#58
 Fluorene
 Concen: 39.992 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1183451		
165	93.3	74.2	111.2		
167	14.0	10.8	16.2		





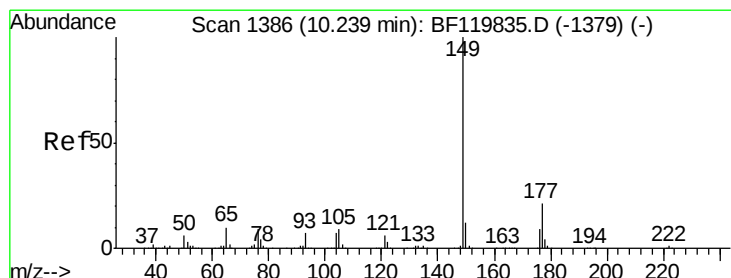
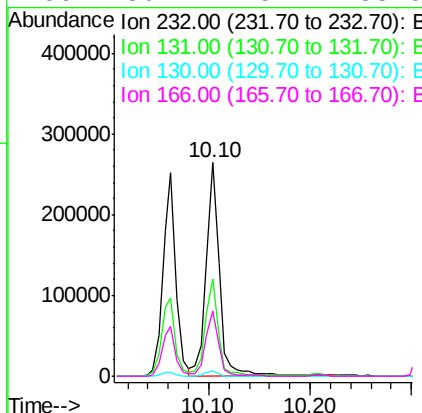
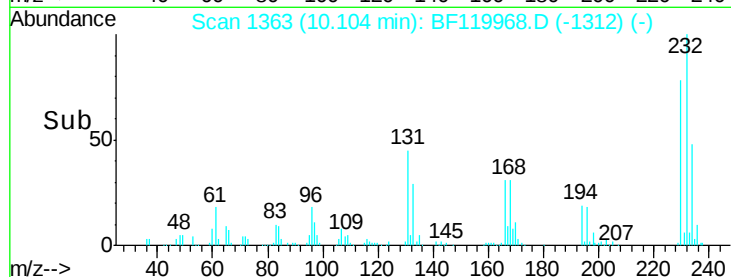
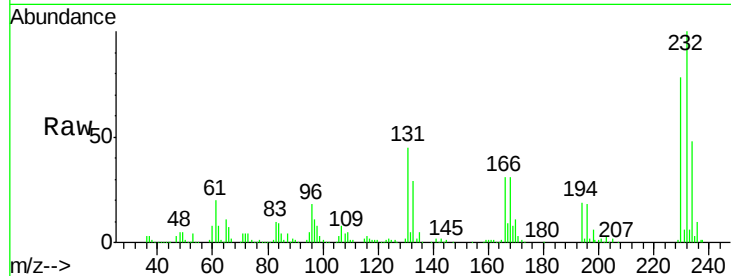
#59
2,3,4,6-Tetrachlorophenol
Concen: 31.007 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	37.9	56.9
130	2.1	1.8	2.6
166	30.2	25.4	38.0

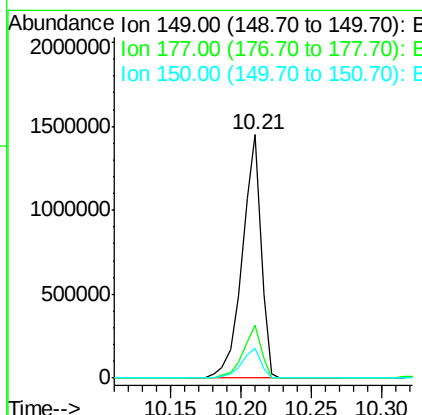
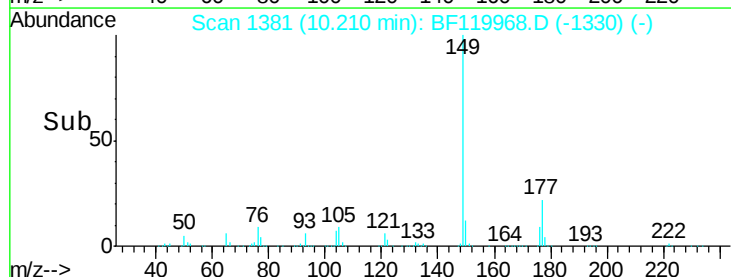
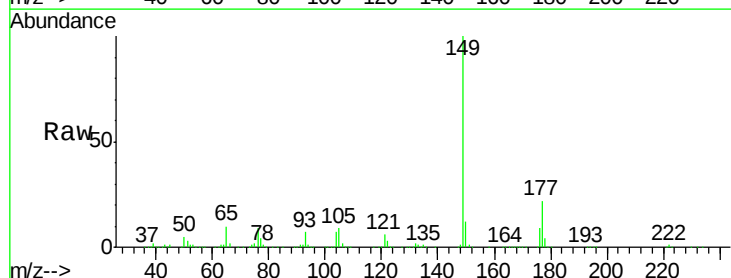
Manual Integrations
APPROVED

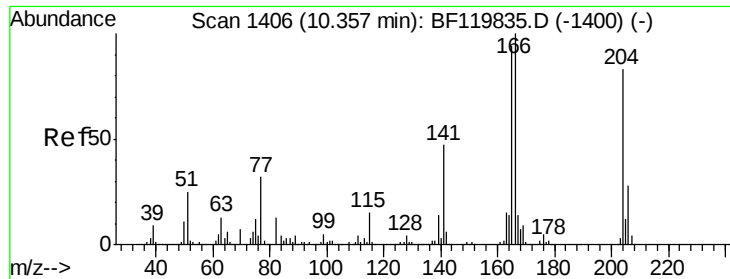
mohammad
4/16/2020 12:51:29 PM



#60
Diethylphthalate
Concen: 40.890 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.8	25.2
150	12.5	9.8	14.6





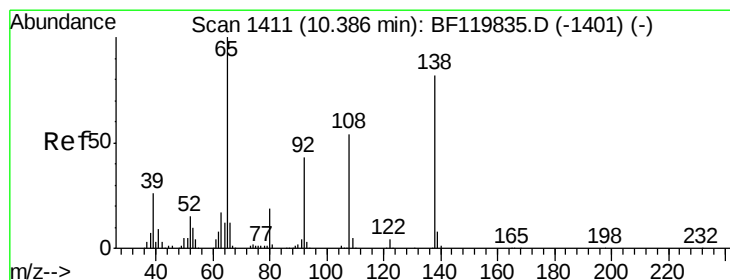
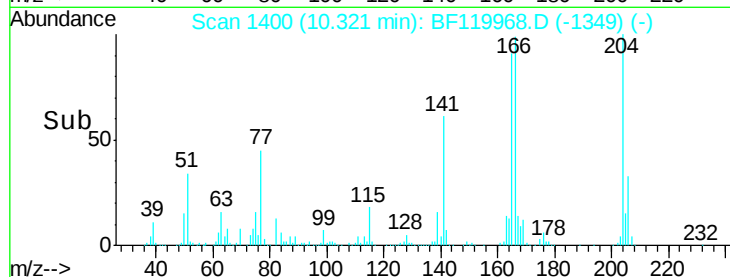
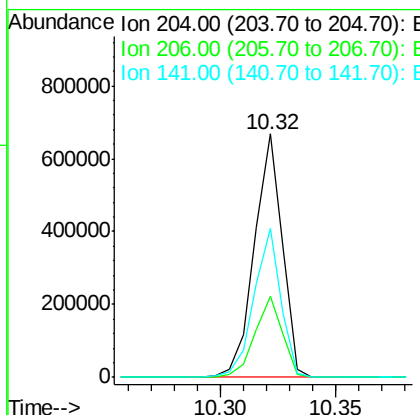
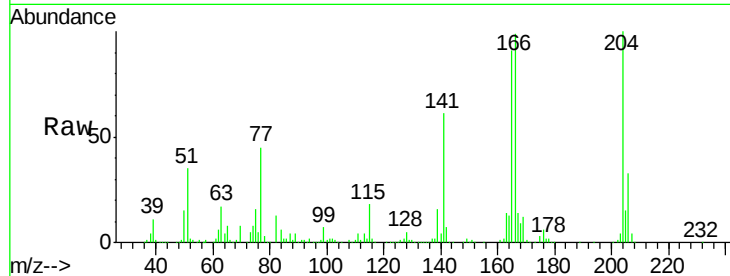
#61
 4-Chlorophenyl-phenylether
 Concen: 37.340 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.7	40.1
141	61.3	45.8	68.8

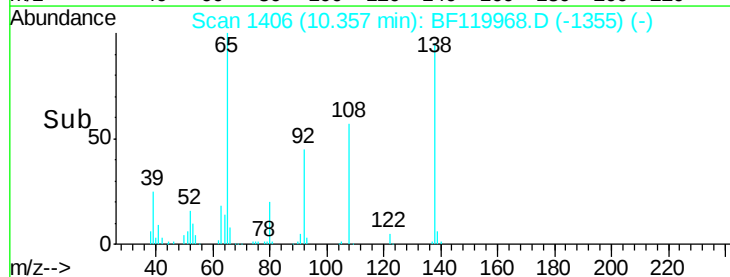
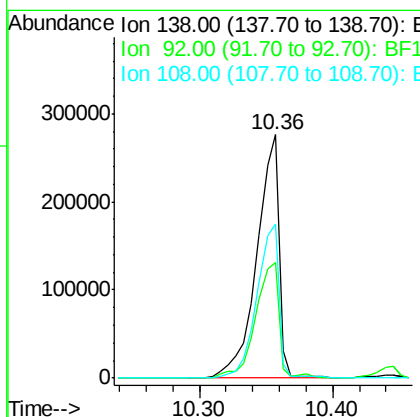
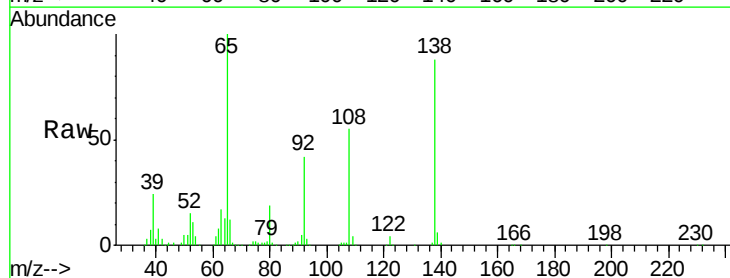
Manual Integrations
 APPROVED

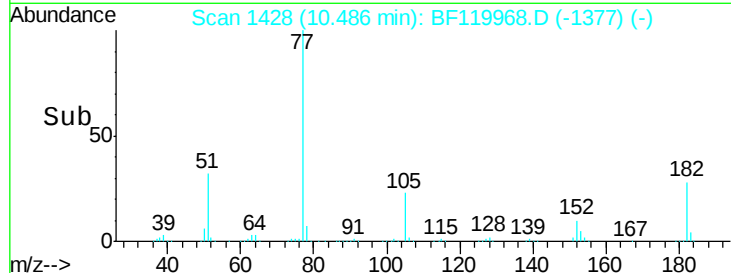
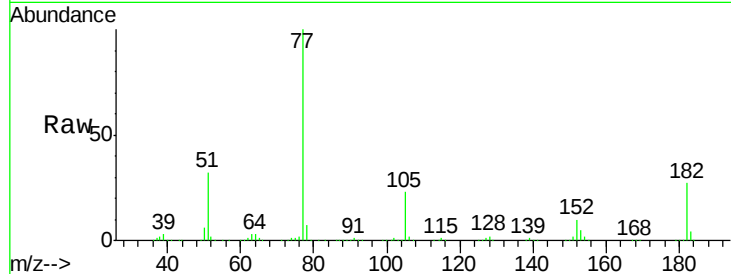
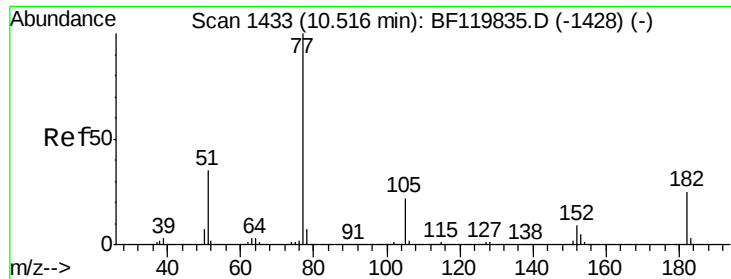
mohammad
 4/16/2020 12:51:29 PM



#62
 4-Nitroaniline
 Concen: 41.941 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.6	71.6
108	63.2	45.2	85.2





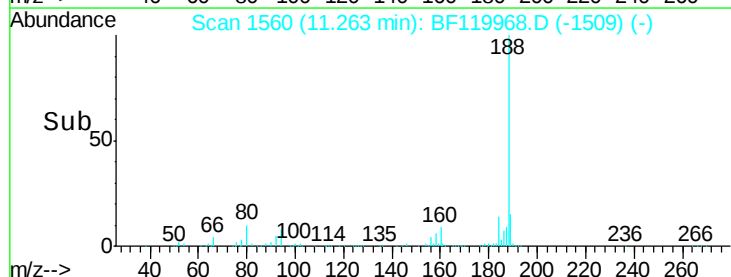
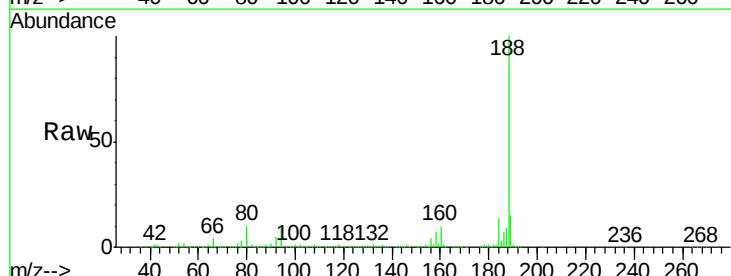
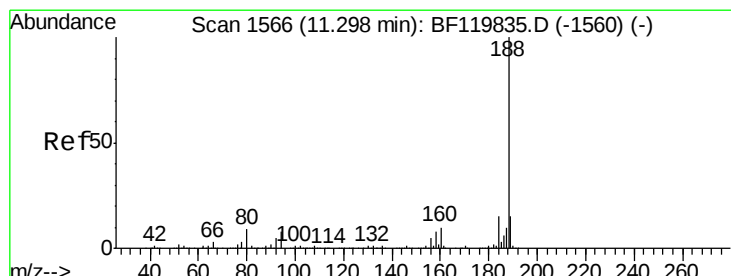
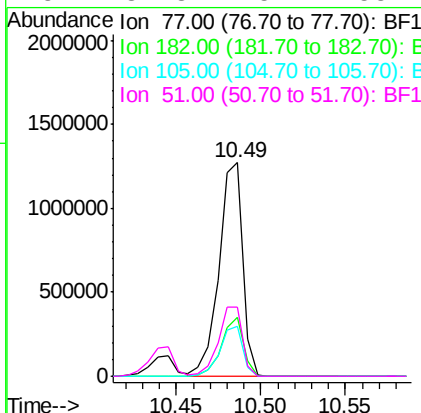
#63
Azobenzene
Concen: 42.247 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tot Ion	77	Resp	1240717
Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.5	44.5
105	23.1	2.2	42.2
51	32.3	15.1	55.1

Instrument :
BNA_F
ClientSampleId :
TP-32MS

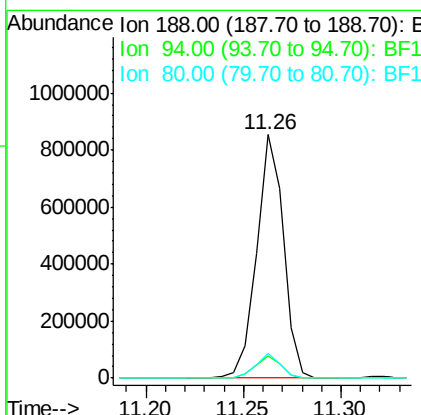
Manual Integrations
APPROVED

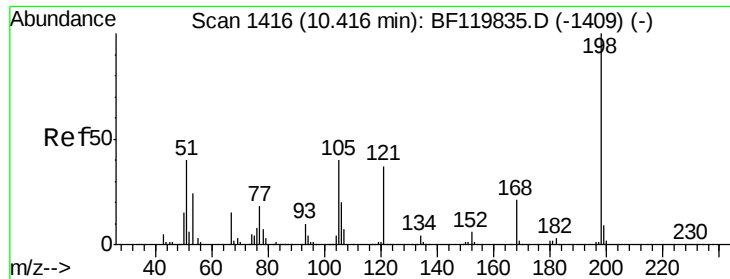
mohammad
4/16/2020 12:51:29 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	188	Resp	808915
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.7	10.1
80	10.0	7.4	11.2





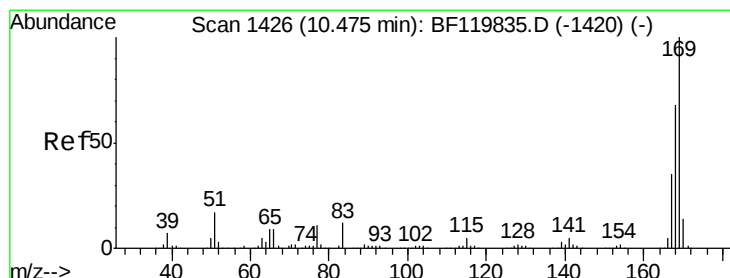
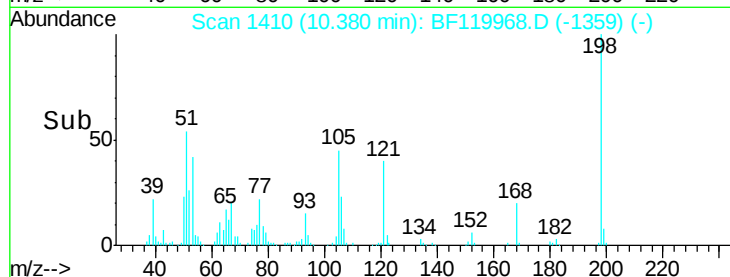
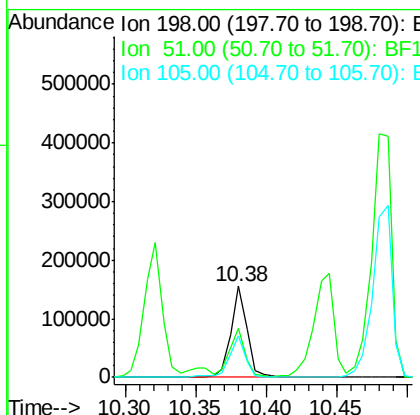
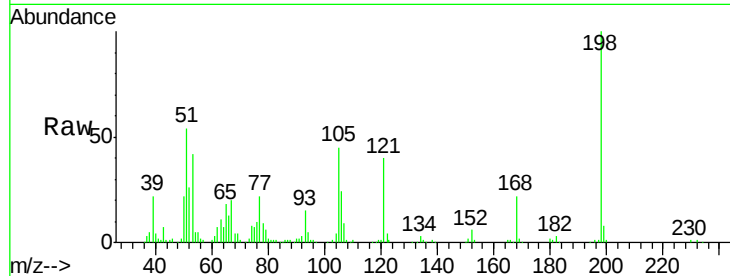
#65
4,6-Dinitro-2-methylphenol
Concen: 23.087 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampled :
TP-32MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.6	25.2	65.2
105	44.9	20.8	60.8

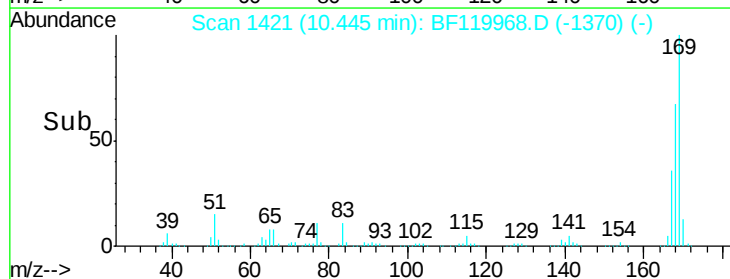
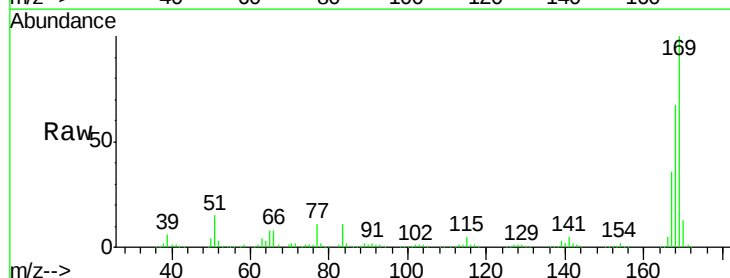
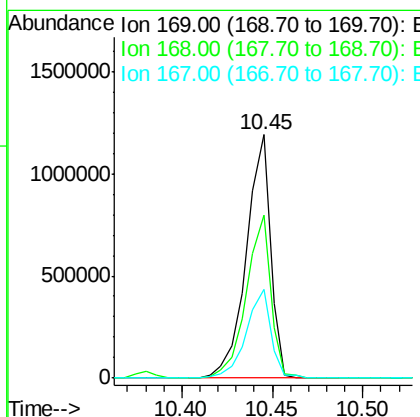
Manual Integrations
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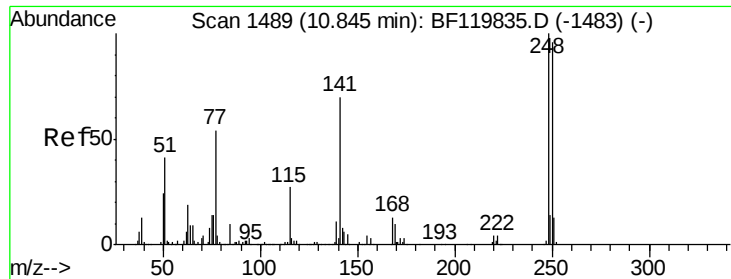
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.303 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.4
167	36.4	28.3	42.5





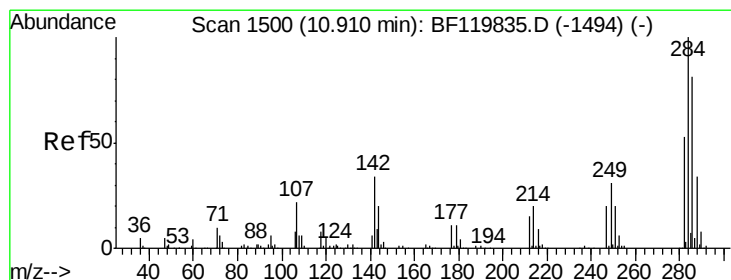
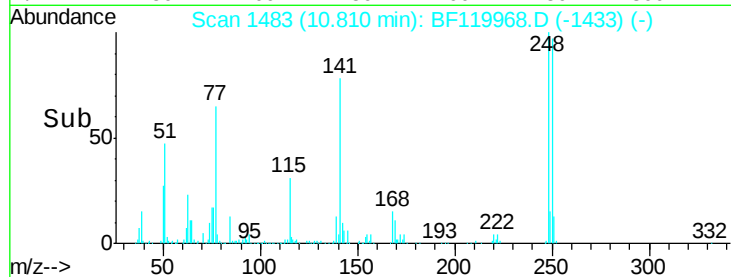
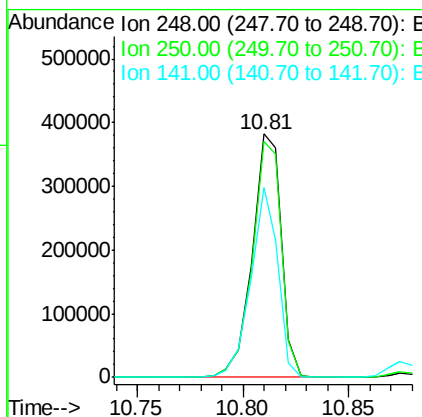
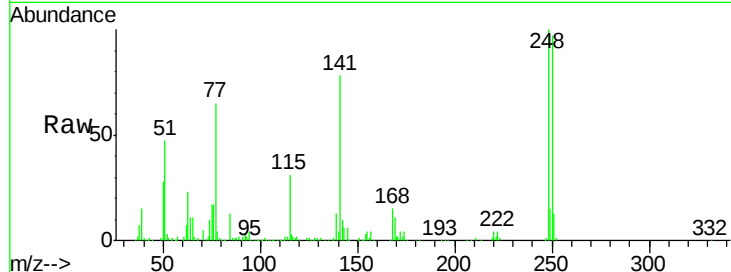
#67
 4-Bromophenyl-phenylether
 Concen: 36.333 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampled :
 TP-32MS

Tot Ion:	248	Resp:	365501
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.6	114.8
141	78.1	55.9	83.9

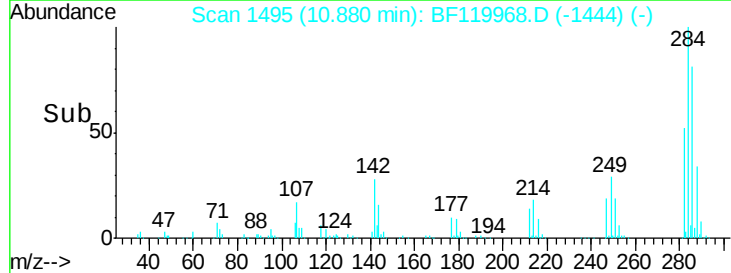
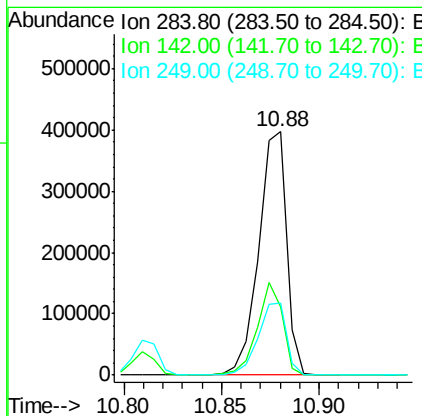
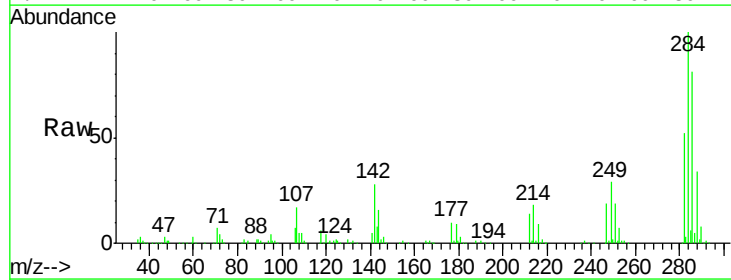
Manual Integrations
 APPROVED

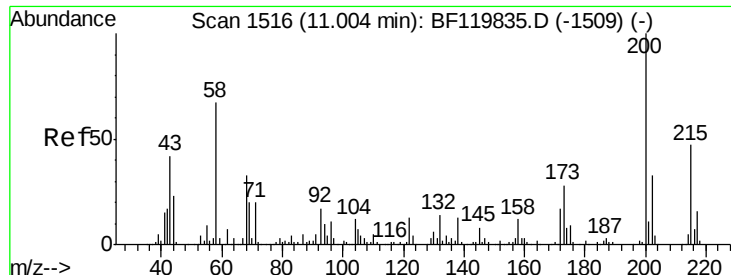
mohammad
 4/16/2020 12:51:29 PM



#68
 Hexachlorobenzene
 Concen: 38.502 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion:	284	Resp:	392915
Ion Ratio	Lower	Upper	
284	100		
142	28.0	26.9	40.3
249	29.4	24.6	37.0





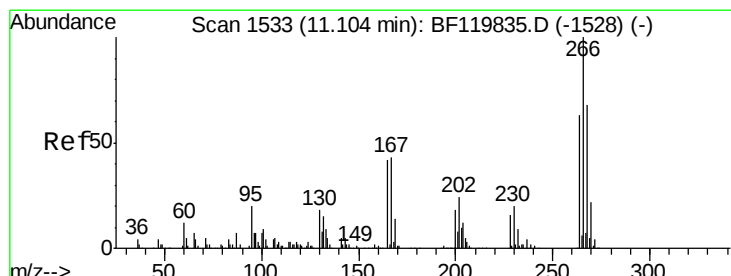
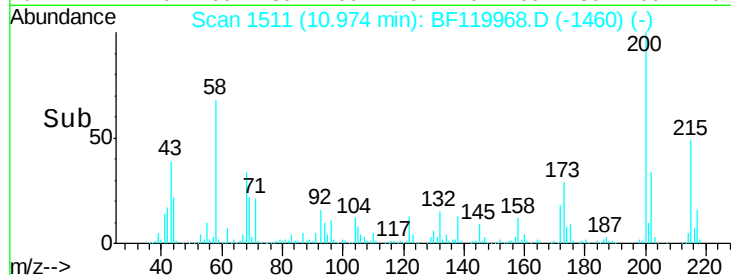
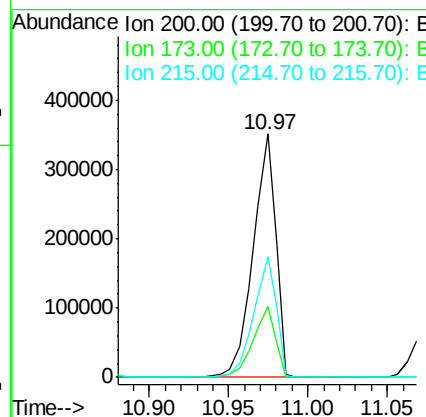
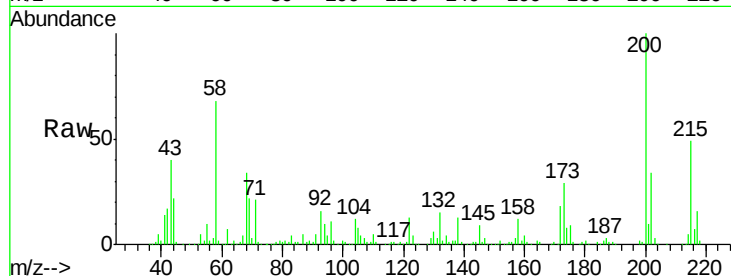
#69
Atrazine
Concen: 46.577 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	8.0	48.0
215	49.4	27.1	67.1

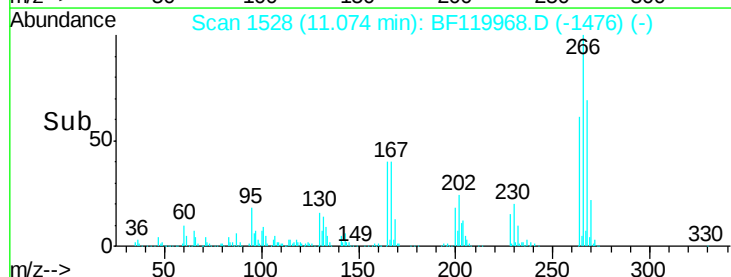
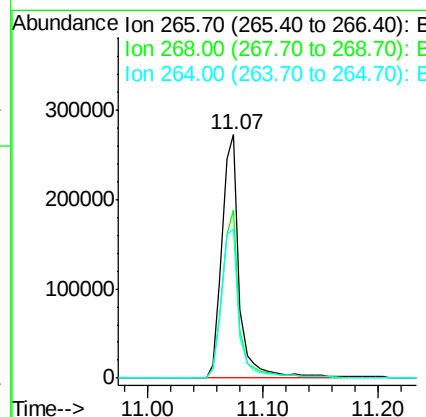
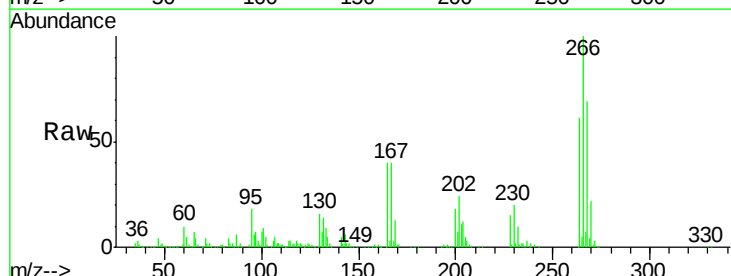
Manual Integrations
APPROVED

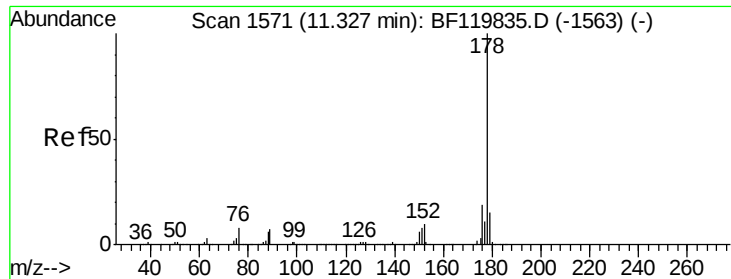
mohammad
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#70
Pentachlorophenol
Concen: 48.810 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.8	54.2	81.4
264	60.9	50.6	76.0





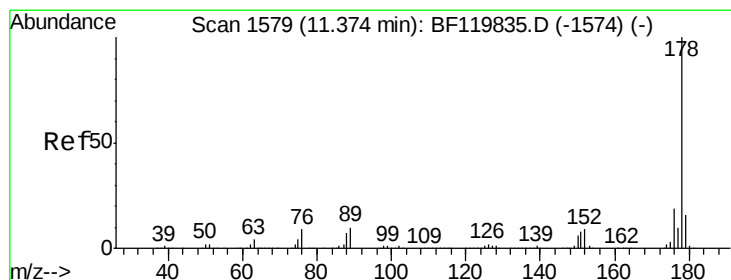
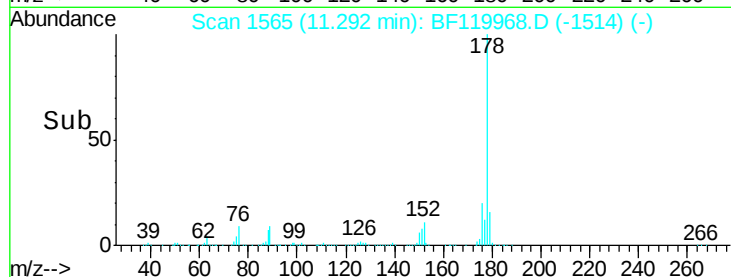
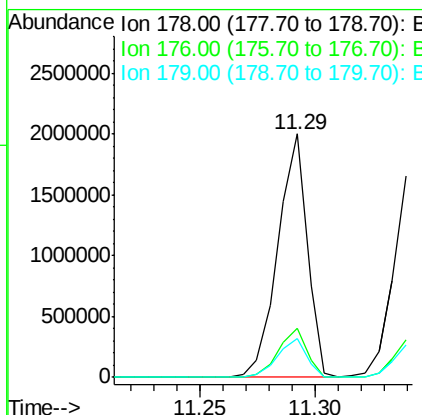
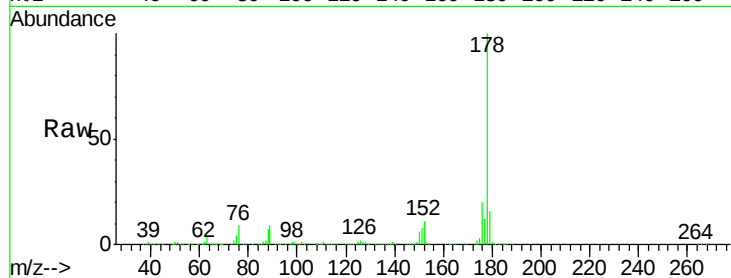
#71
Phenanthrene
Concen: 41.010 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion:178 Resp: 1765515
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 15.8 12.2 18.4

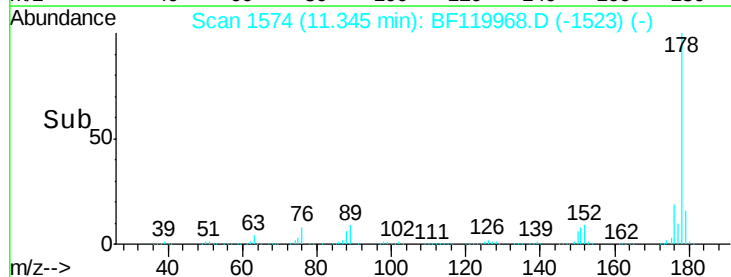
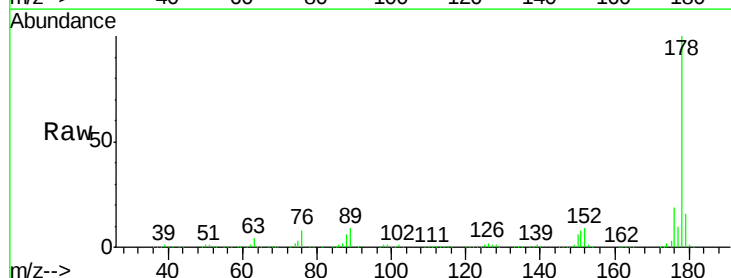
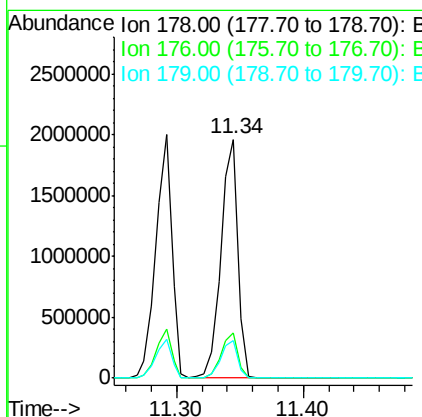
Manual Integrations
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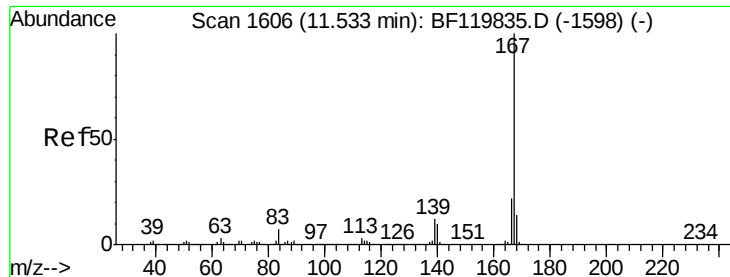
mohammad
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#72
Anthracene
Concen: 41.680 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion:178 Resp: 1833060
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.9 12.8 19.2





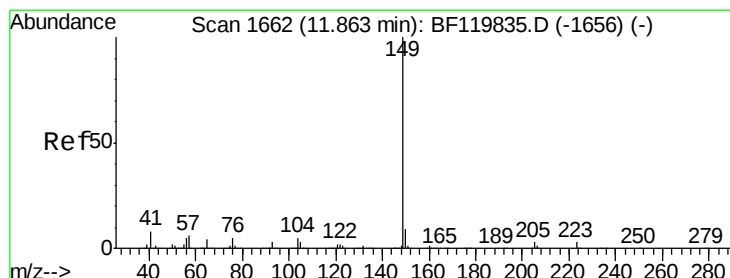
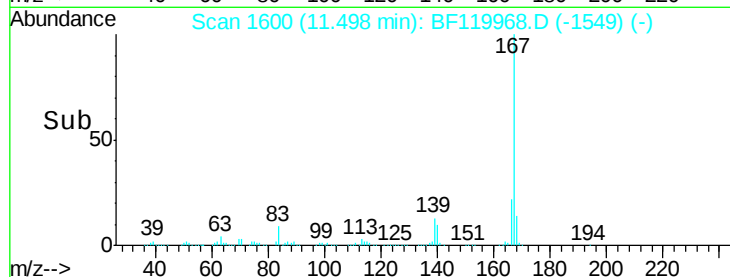
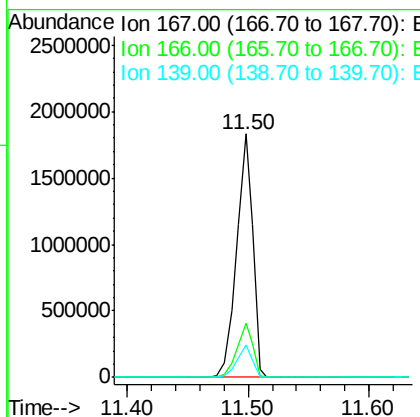
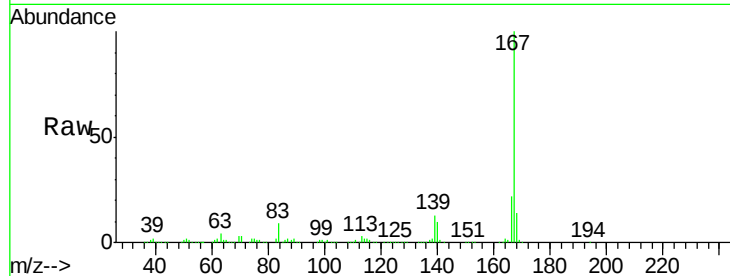
#73
 Carbazole
 Concen: 41.120 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	13.2	9.8	14.8

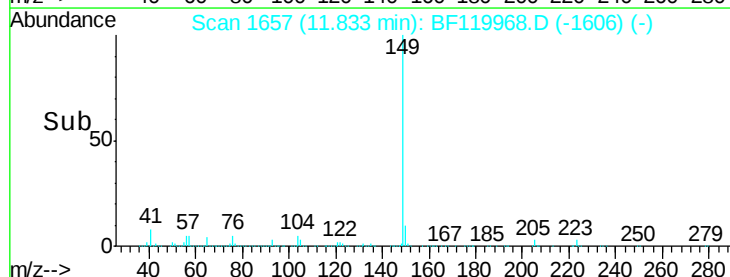
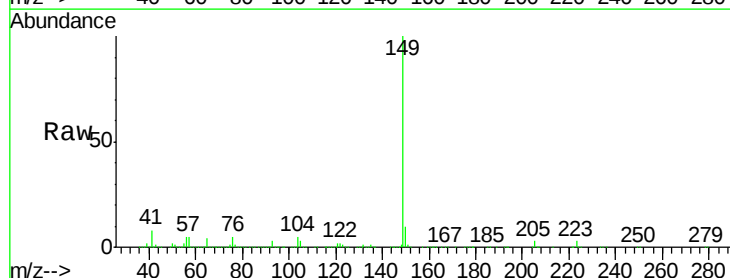
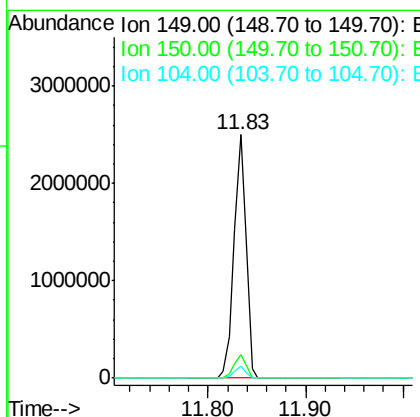
Manual Integrations
 APPROVED

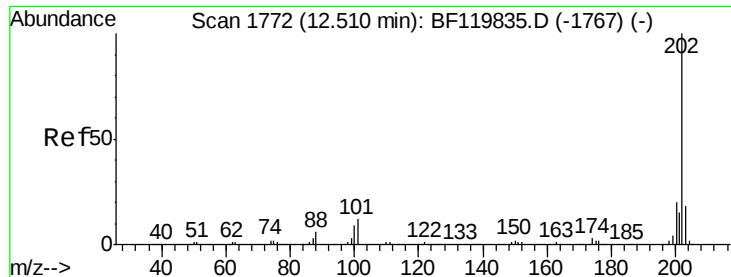
mohammad
 4/16/2020 12:51:29 PM



#74
 Di-n-butylphthalate
 Concen: 39.336 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	5.0	3.8	5.6





#75

Fluoranthene

Concen: 41.630 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampled :

TP-32MS

Tot Ion:202 Resp: 1933772

Ion Ratio Lower Upper

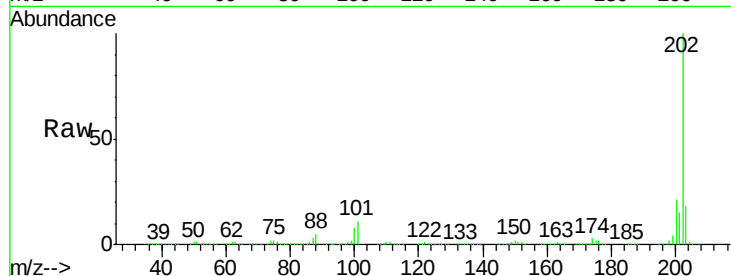
202 100

101 10.6 0.0 32.3

203 18.1 0.0 37.6

Manual Integrations
APPROVED

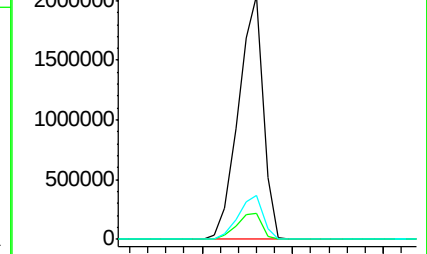
mohammad
4/16/2020 12:51:29 PM



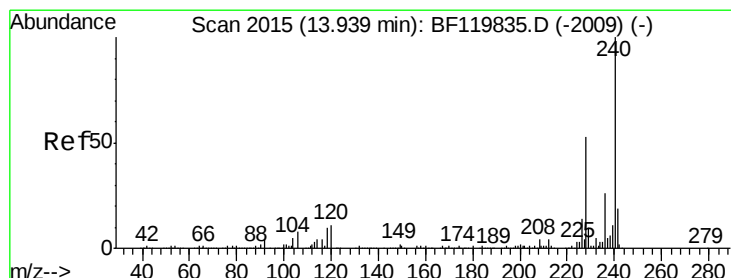
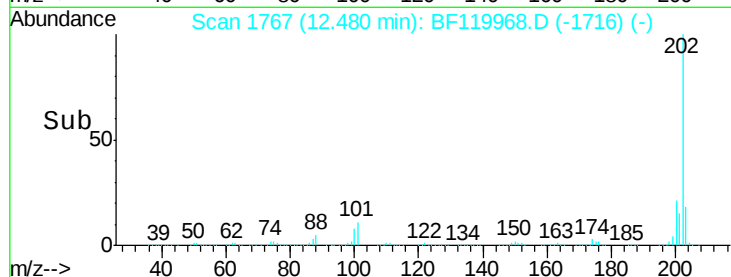
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

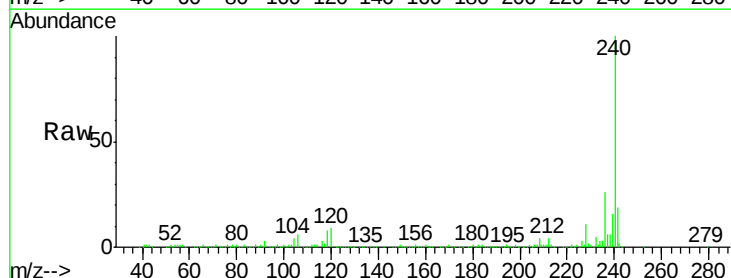
Tgt Ion:240 Resp: 560910

Ion Ratio Lower Upper

240 100

120 9.1 9.0 13.6

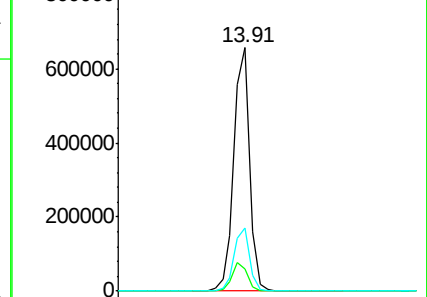
236 26.1 20.7 31.1



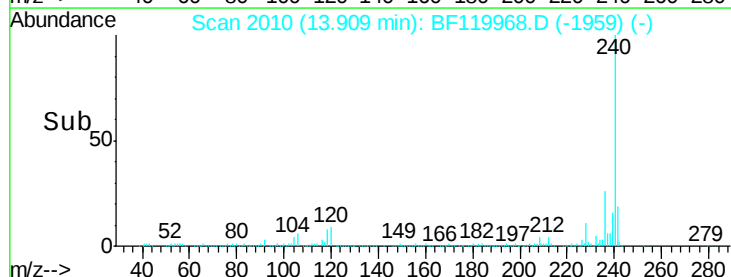
Abundance Ion 240.00 (239.70 to 240.70): E

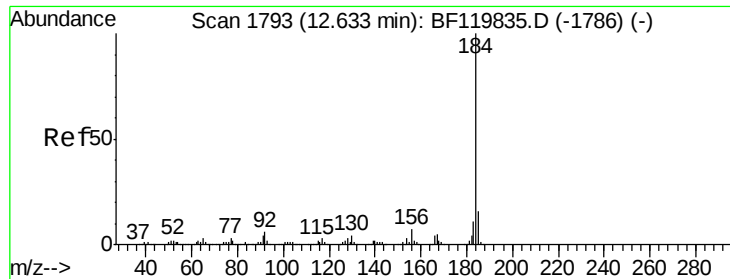
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 10.687 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampleId :

TP-32MS

Tot Ion:184 Resp: 202630

Ion Ratio Lower Upper

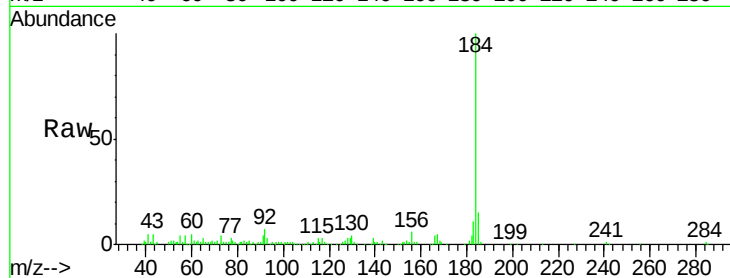
184 100

185 15.1 13.2 19.8

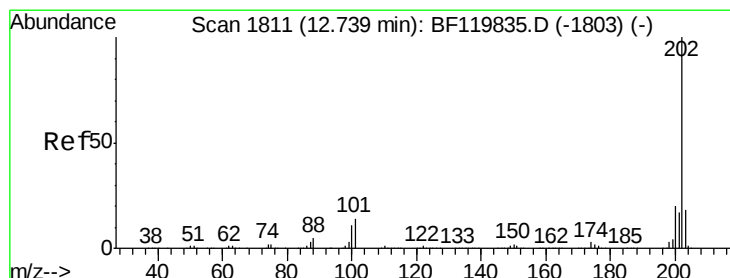
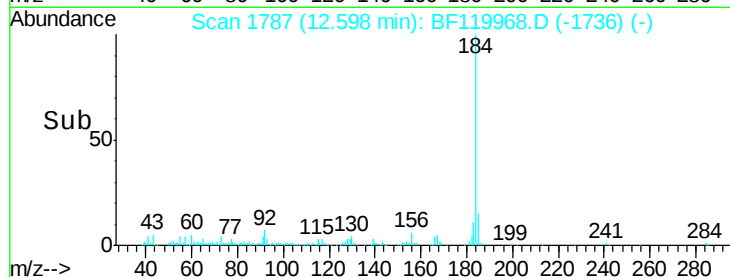
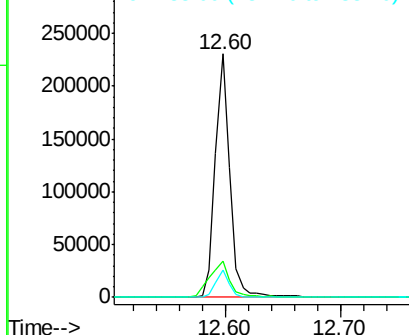
183 11.0 9.1 13.7

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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



#78

Pyrene

Concen: 41.420 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

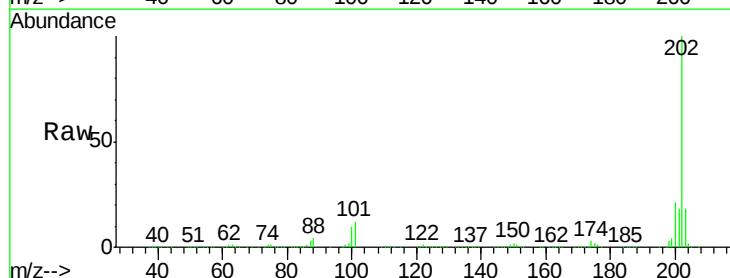
Tgt Ion:202 Resp: 1958598

Ion Ratio Lower Upper

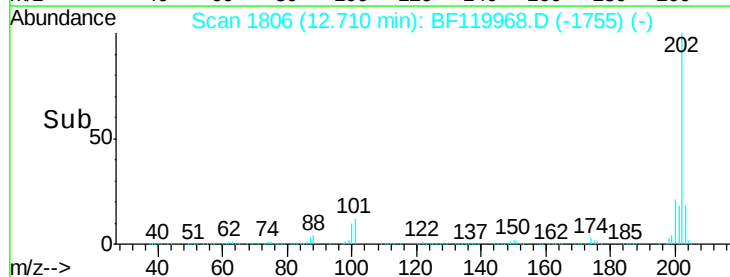
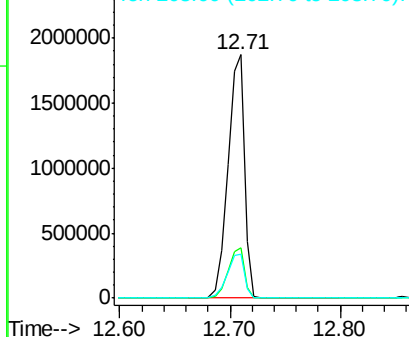
202 100

200 20.6 16.2 24.2

203 17.9 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





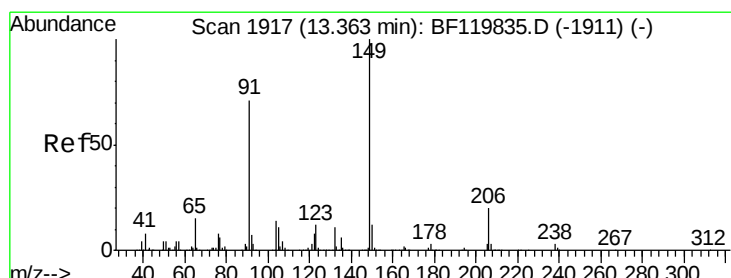
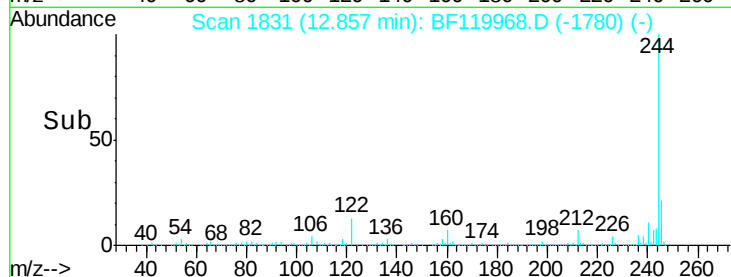
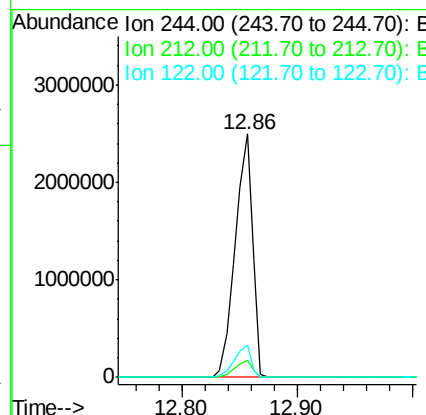
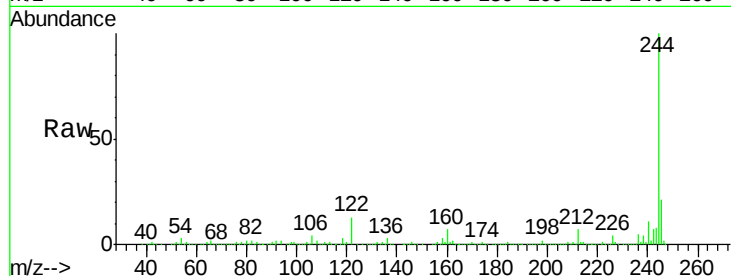
#79
 Terphenyl-d14
 Concen: 78.325 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Instrument :
 BNA_F
 ClientSampleId :
 TP-32MS

Tot Ion:244 Resp: 2610946
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 13.1 10.3 15.5

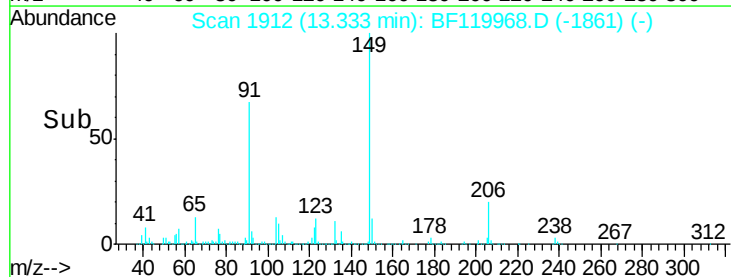
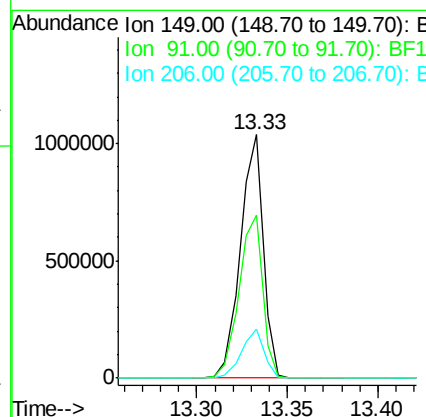
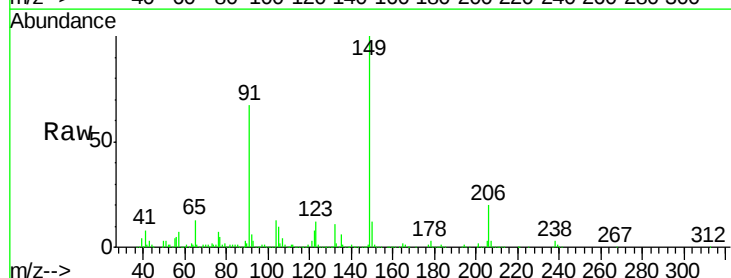
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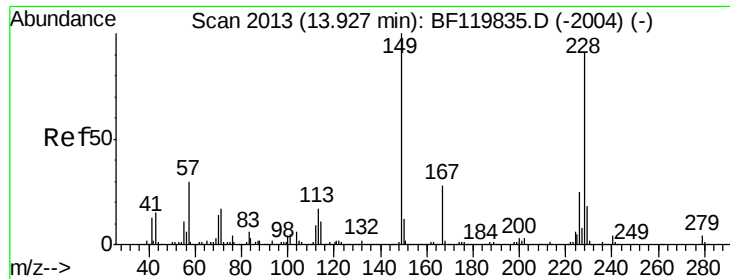
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#80
 Butylbenzylphthalate
 Concen: 39.650 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BF119968.D
 Acq: 14 Apr 2020 22:35

Tgt Ion:149 Resp: 909764
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.7 85.1
 206 20.1 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.239 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampleId :

TP-32MS

Tot Ion:228 Resp: 1521734

Ion Ratio Lower Upper

228 100

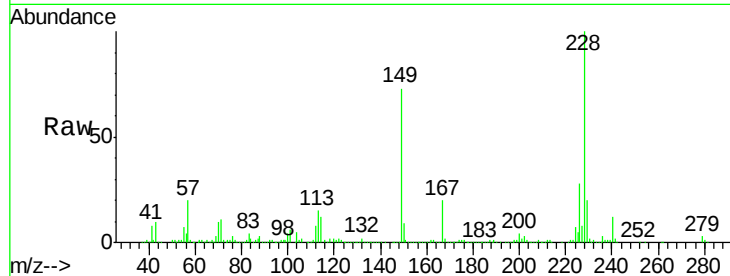
226 28.3 21.9 32.9

229 19.9 15.9 23.9

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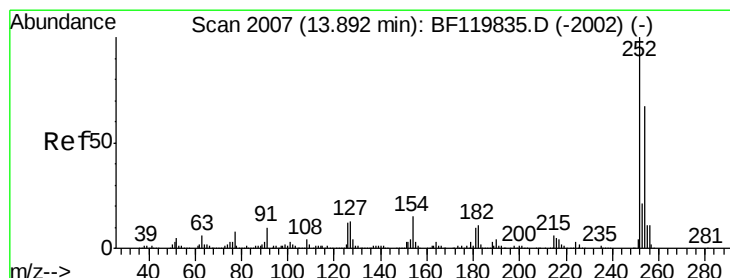
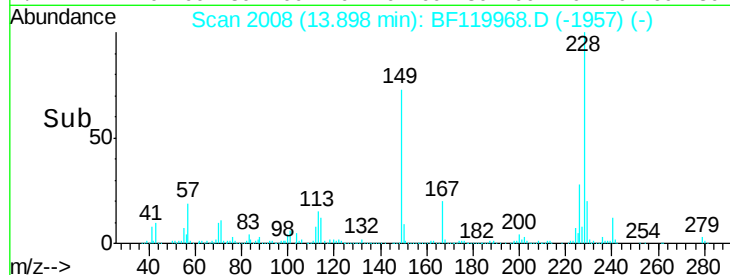
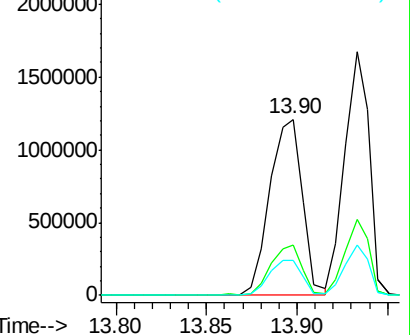
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.942 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

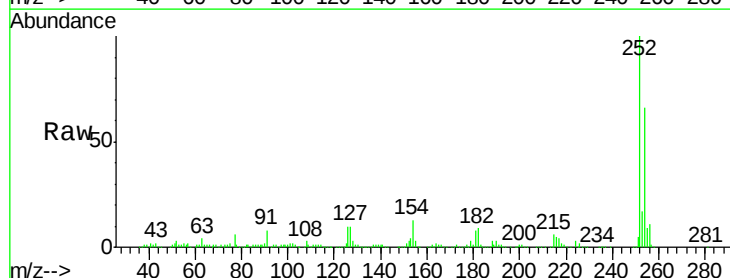
Tgt Ion:252 Resp: 398488

Ion Ratio Lower Upper

252 100

254 66.0 53.9 80.9

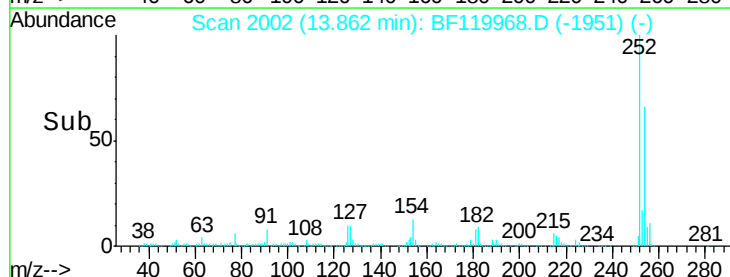
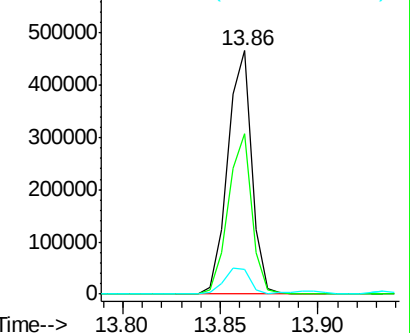
126 10.3 9.7 14.5

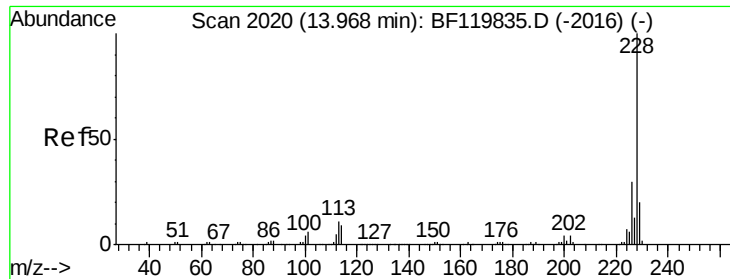


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





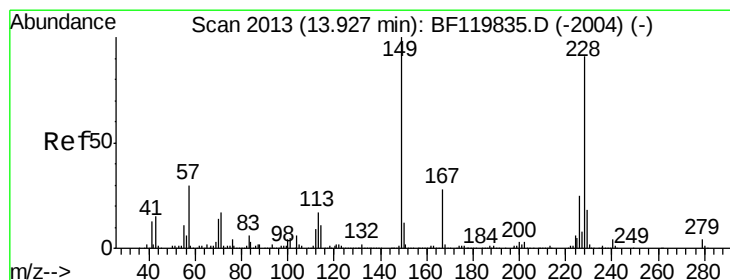
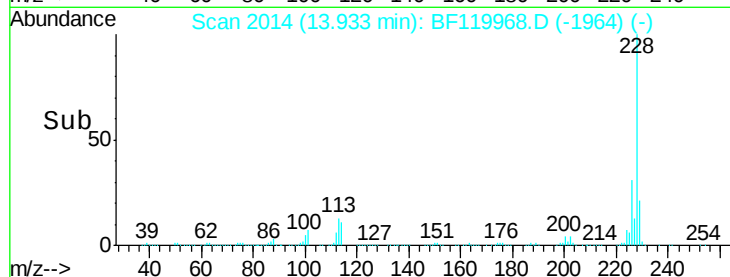
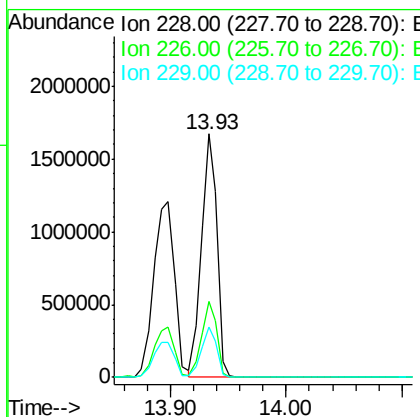
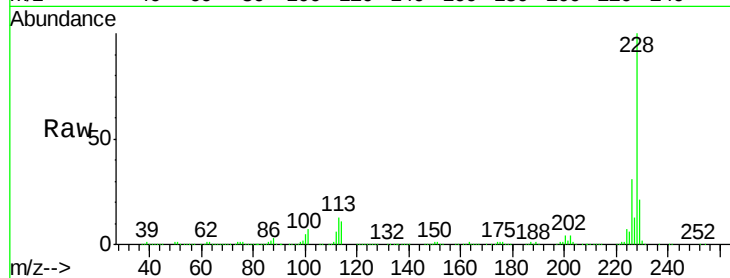
#83
Chrysene
Concen: 42.200 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion:228 Resp: 1582228
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.2
229 20.8 15.9 23.9

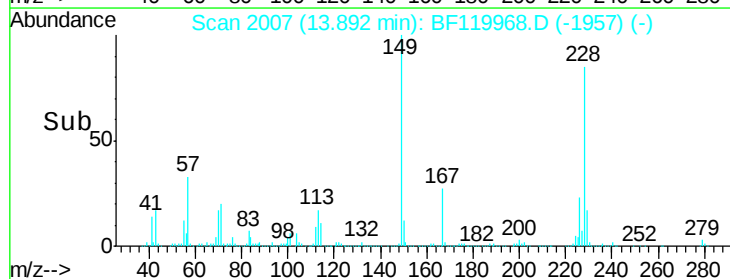
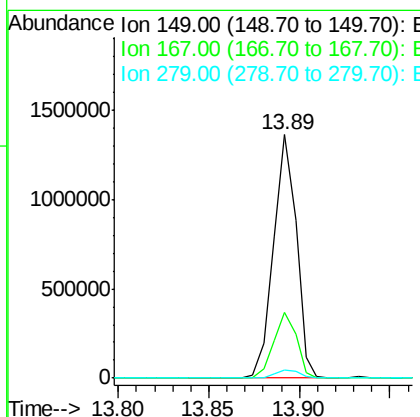
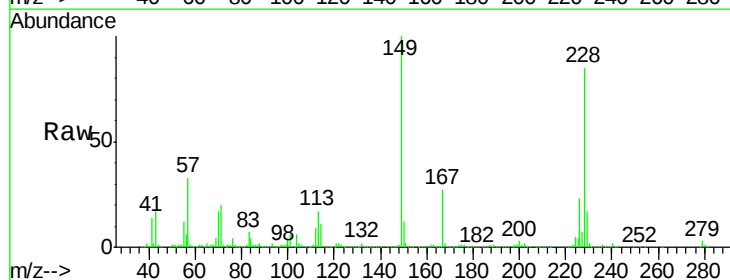
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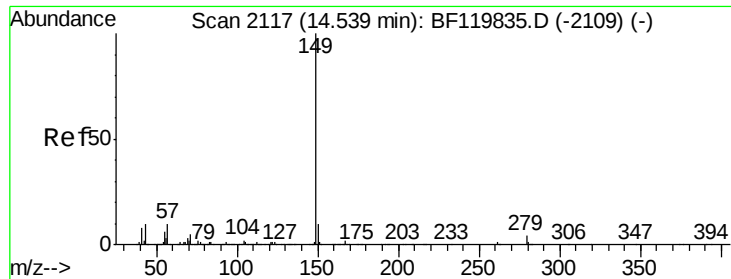
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.535 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion:149 Resp: 1197363
Ion Ratio Lower Upper
149 100
167 27.0 22.2 33.2
279 3.4 3.4 5.0





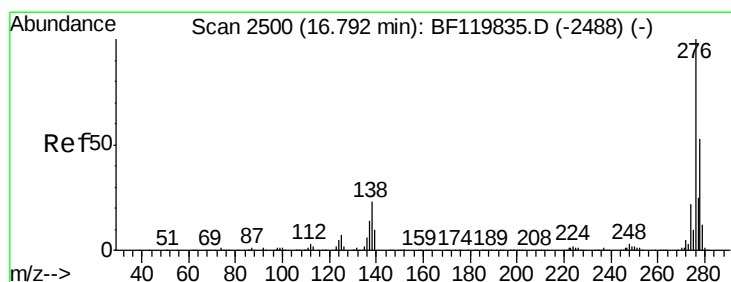
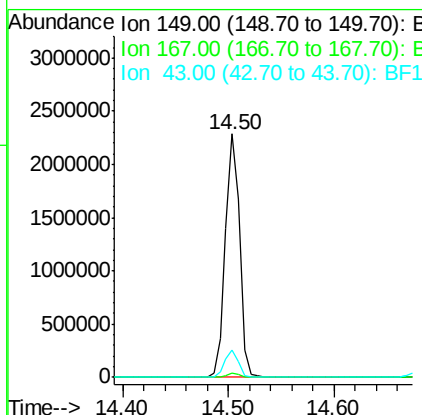
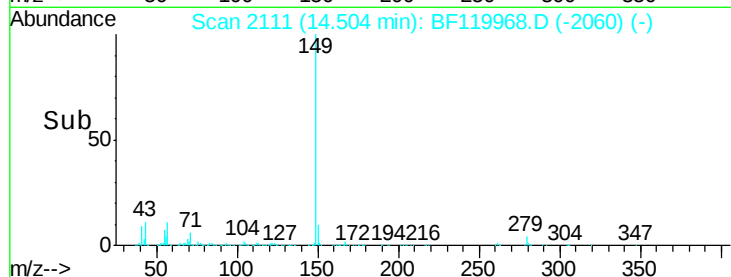
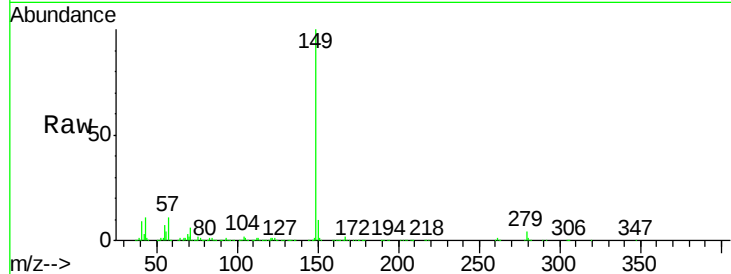
#85
Di-n-octyl phthalate
Concen: 40.506 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.9	9.2	13.8

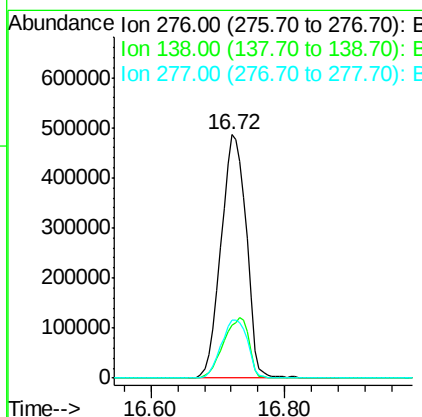
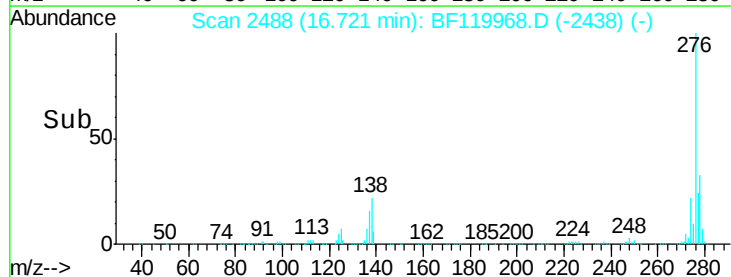
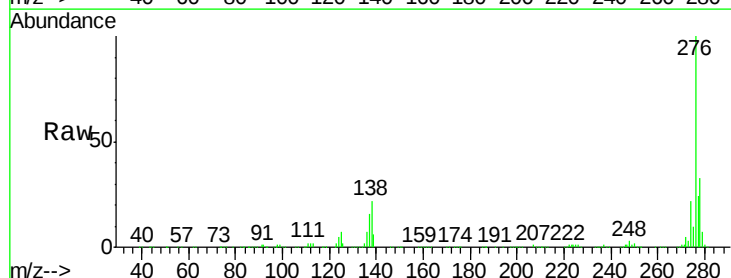
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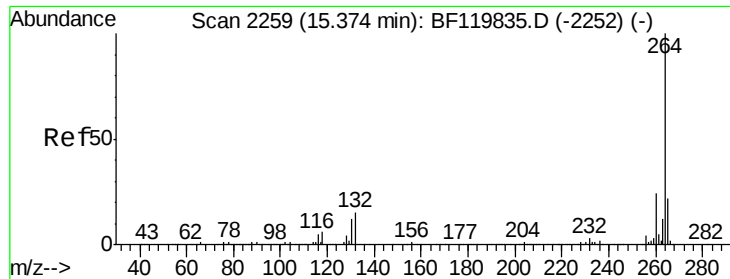
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 39.474 ng
RT: 16.72 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.0	27.0
277	25.0	20.1	30.1





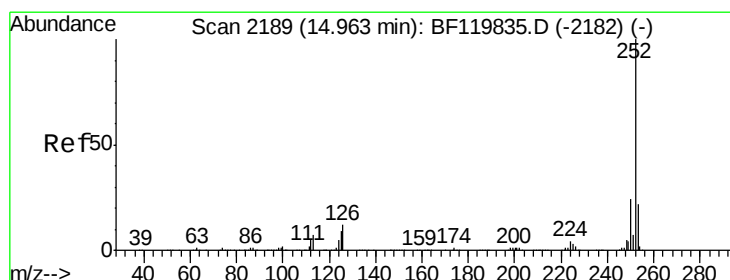
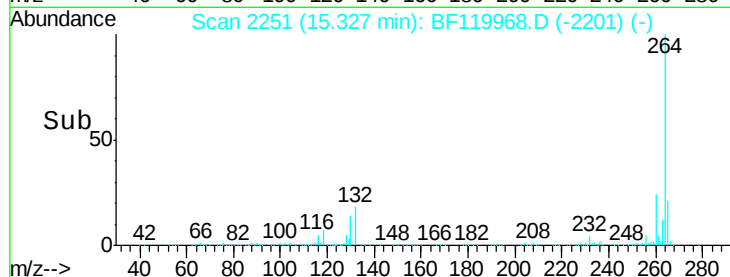
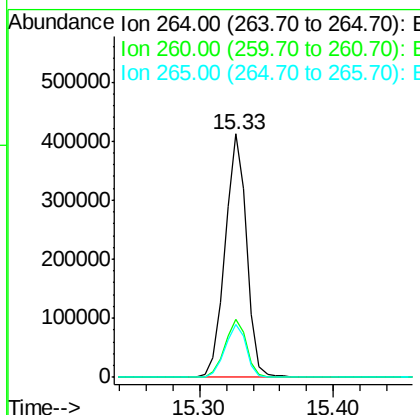
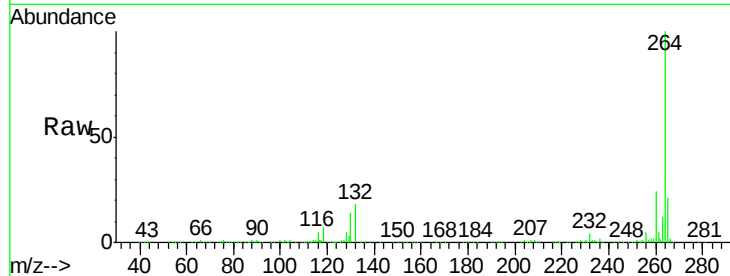
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.5	17.6	26.4

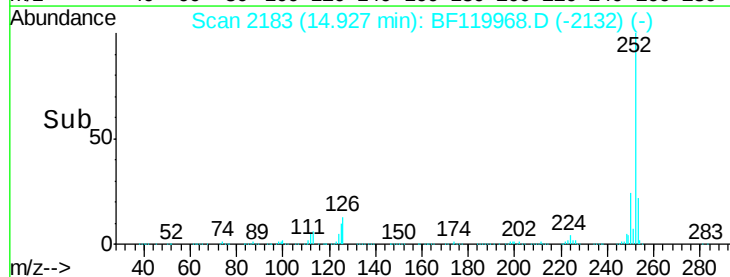
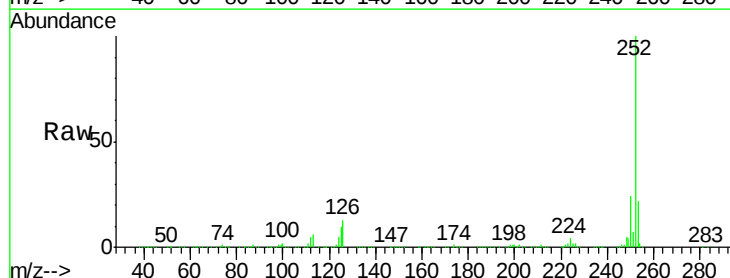
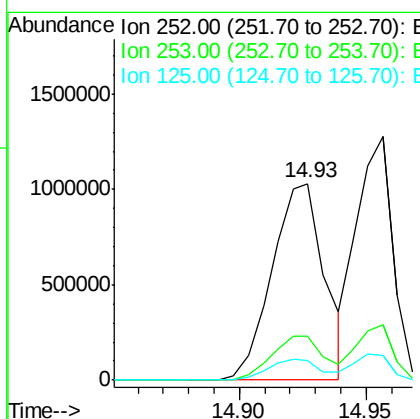
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#88
Benzo(b)fluoranthene
Concen: 44.198 ng
RT: 14.93 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.9	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 44.251 ng

RT: 14.96 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

Instrument :

BNA_F

ClientSampleId :

TP-32MS

Tot Ion:252 Resp: 1285772

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

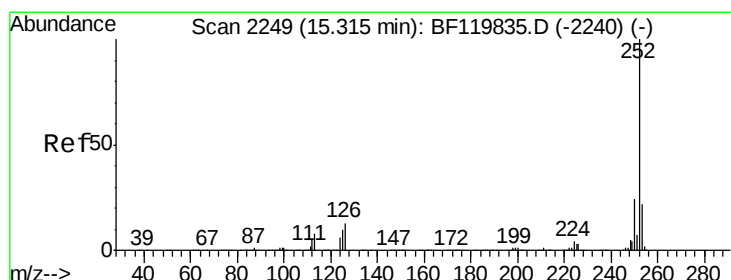
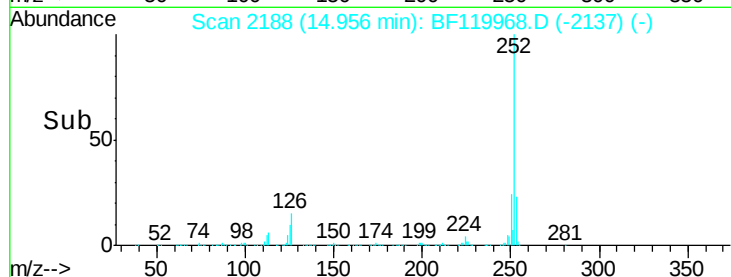
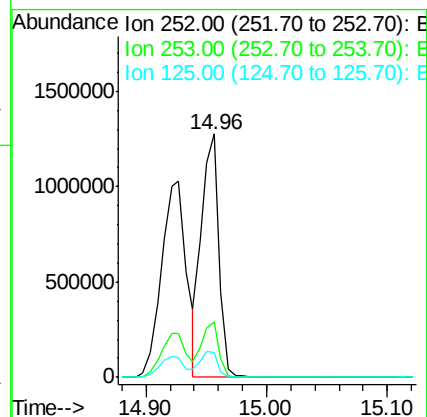
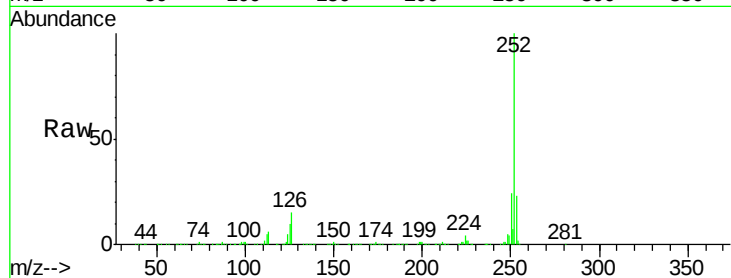
125 10.2 7.7 11.5

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#90

Benzo(a)pyrene

Concen: 43.070 ng

RT: 15.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BF119968.D

Acq: 14 Apr 2020 22:35

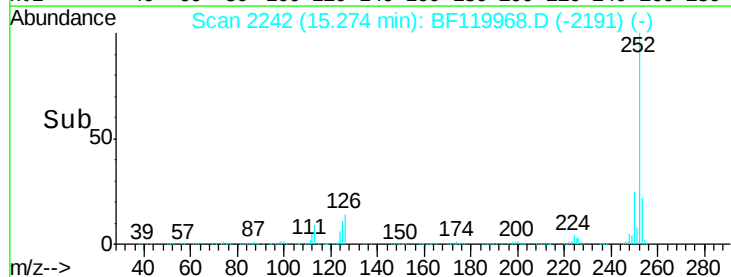
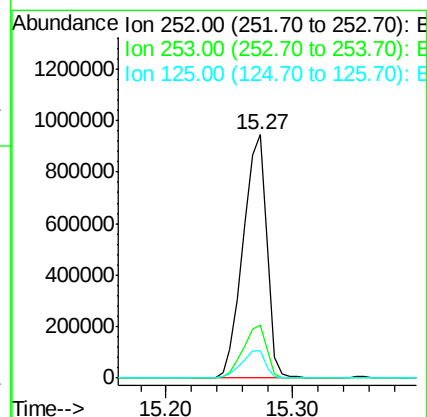
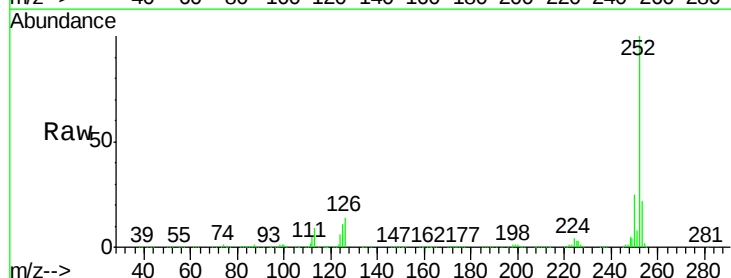
Tgt Ion:252 Resp: 1219535

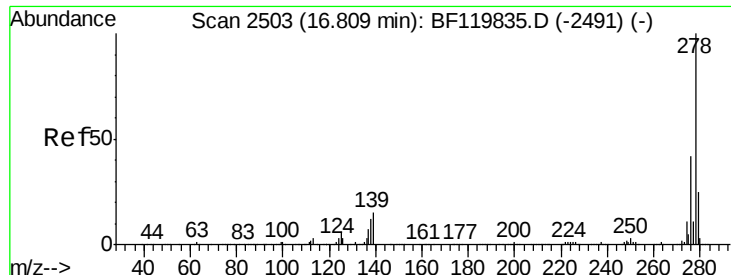
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.4 8.3 12.5





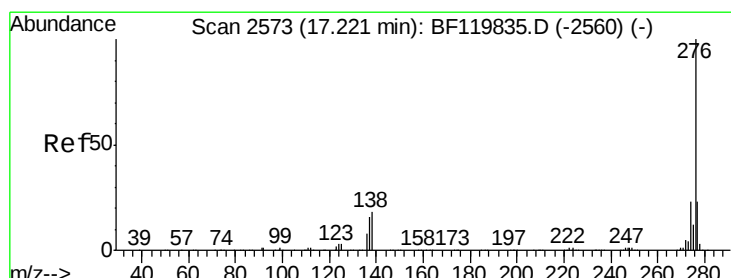
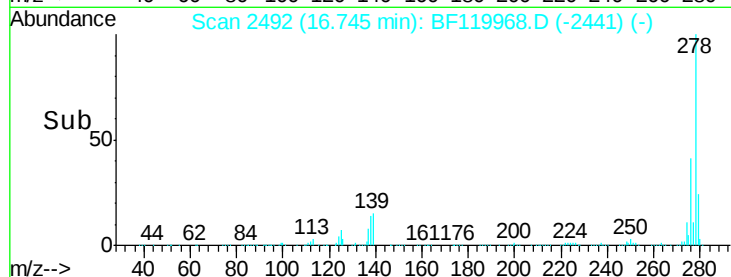
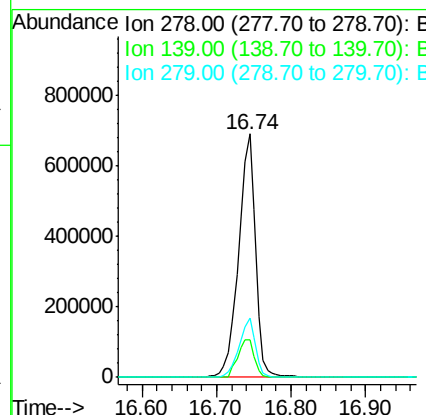
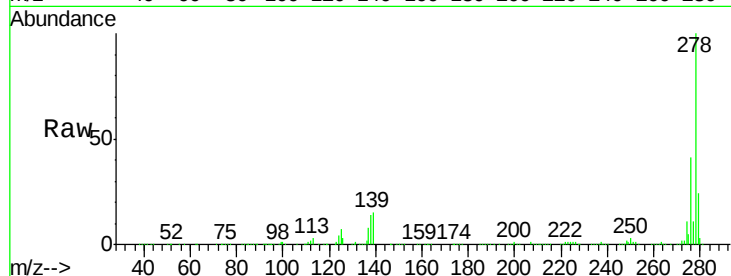
#91
Dibenzo(a,h)anthracene
Concen: 43.675 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.00 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Instrument :
BNA_F
ClientSampleId :
TP-32MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.6	17.4
279	24.1	19.7	29.5

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#92
Benzo(g,h,i)perylene
Concen: 42.783 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF119968.D
Acq: 14 Apr 2020 22:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	22.1	14.6	22.0#

