

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119805.D
 Acq On : 7 Apr 2020 7:10
 Operator : MA/SJ
 Sample : L2132-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

Manual Integrations
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mohammad
 4/8/2020 8:12:36 AM

Quant Time: Apr 07 08:13:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	191922	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	728401	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	360369	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	661871	20.00	ng	0.00
76) Chrysene-d12	13.96	240	477233	20.00	ng	0.00
87) Perylene-d12	15.40	264	476394	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1585405	131.50	ng	0.03
7) Phenol-d6	6.42	99	1854631	120.42	ng	0.00
23) Nitrobenzene-d5	7.35	82	1354955	101.10	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	592713	159.43	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2526682	103.87	ng	0.00
79) Terphenyl-d14	12.91	244	2338096	95.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	224784	37.751	ng	# 85
3) Pyridine	3.40	79	544909	33.218	ng	92
4) n-Nitrosodimethylamine	3.32	42	338668	42.336	ng	93
6) Aniline	6.45	93	403695	18.993	ng	97
8) 2-Chlorophenol	6.57	128	683939	54.014	ng	98
9) Benzaldehyde	6.33	77	255854	26.188	ng	98
10) Phenol	6.43	94	723038	43.999	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	712431	54.206	ng	98
12) 1,3-Dichlorobenzene	6.72	146	669240	48.833	ng	96
13) 1,4-Dichlorobenzene	6.80	146	676896	49.380	ng	99
14) 1,2-Dichlorobenzene	6.95	146	636693	49.692	ng	99
15) Benzyl Alcohol	6.93	79	564603	48.736	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1130410	42.640	ng	97
17) 2-Methylphenol	7.05	107	536556	46.248	ng	97
18) Hexachloroethane	7.30	117	250966	49.958	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	468310	50.449	ng	98
20) 3+4-Methylphenols	7.20	107	650621	45.760	ng	# 83
22) Acetophenone	7.19	105	907259	52.127	ng	# 90
24) Nitrobenzene	7.37	77	706891	49.353	ng	97
25) Isophorone	7.61	82	1308242	48.119	ng	99
26) 2-Nitrophenol	7.69	139	373238	66.182	ng	90
27) 2,4-Dimethylphenol	7.73	122	579883	49.727	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	840280	52.266	ng	100
29) 2,4-Dichlorophenol	7.93	162	564666	52.700	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	609784	51.460	ng	100
31) Naphthalene	8.09	128	1951888	52.072	ng	98
32) Benzoic acid	7.87	122	431522m	57.527	ng	
33) 4-Chloroaniline	8.14	127	231208	13.461	ng	98
34) Hexachlorobutadiene	8.21	225	340499	51.358	ng	100
35) Caprolactam	8.62	113	155805m	44.431	ng	
36) 4-Chloro-3-methylphenol	8.63	107	586946	50.120	ng	99
37) 2-Methylnaphthalene	8.79	142	1305084	53.051	ng	98
38) 1-Methylnaphthalene	8.89	142	1233122	52.958	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	561352	53.145	ng	100

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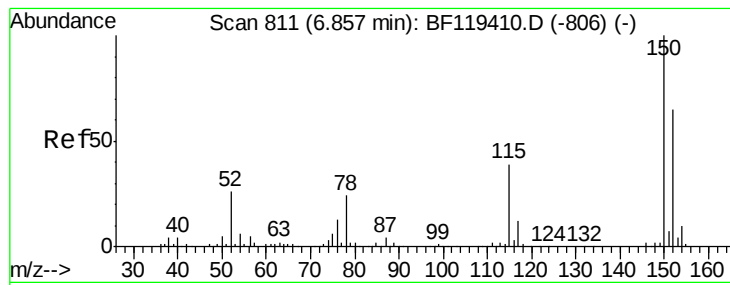
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	585094	97.434	nq	99
43) 2,4,6-Trichlorophenol	9.06	196	429433	56.812	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	407417	48.114	nq	97
46) 1,1'-Biphenyl	9.25	154	1536937	52.365	nq	99
47) 2-Chloronaphthalene	9.27	162	1194753	51.968	nq	99
48) 2-Nitroaniline	9.37	65	425096	53.569	nq	93
49) Acenaphthylene	9.69	152	1840392	50.976	nq	99
50) Dimethylphthalate	9.56	163	1224883	47.852	nq	99
51) 2,6-Dinitrotoluene	9.62	165	309778	56.461	nq	92
52) Acenaphthene	9.86	154	1137856	50.555	nq	99
53) 3-Nitroaniline	9.78	138	149035	21.516	nq	99
54) 2,4-Dinitrophenol	9.89	184	252926	104.124	nq	99
55) Dibenzofuran	10.04	168	1653809	51.250	nq	100
56) 4-Nitrophenol	9.96	139	460222	84.224	nq	96
57) 2,4-Dinitrotoluene	10.02	165	405329	58.644	nq	98
58) Fluorene	10.38	166	1277065	53.516	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	348919	55.126	nq	97
60) Diethylphthalate	10.26	149	1384613	53.296	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	599835	51.402	nq	99
62) 4-Nitroaniline	10.40	138	285219	42.940	nq	97
63) Azobenzene	10.53	77	1288033	49.233	nq	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	185815	66.951	nq	82
66) n-Nitrosodiphenylamine	10.49	169	1160628	53.416	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	388779	51.577	nq	99
68) Hexachlorobenzene	10.93	284	428619	55.558	nq	98
69) Atrazine	11.03	200	320870	53.866	nq	99
70) Pentachlorophenol	11.13	266	482598	106.684	nq	98
71) Phenanthrene	11.35	178	1794712	52.294	nq	99
72) Anthracene	11.40	178	1832298	52.531	nq	99
73) Carbazole	11.55	167	1687693	48.883	nq	99
74) Di-n-butylphthalate	11.89	149	2050269	55.514	nq	100
75) Fluoranthene	12.53	202	1913274	51.512	nq	98
77) Benzidine	12.69	184	934	0.046	nq	# 1
78) Pyrene	12.76	202	1910090	48.769	nq	98
80) Butylbenzylphthalate	13.39	149	858536	54.197	nq	100
81) Benzo(a)anthracene	13.95	228	1563431	50.378	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	115100	9.406	nq	99
83) Chrysene	13.99	228	1613812	50.387	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1123063	59.473	nq	98
85) Di-n-octyl phthalate	14.56	149	2045297	61.585	nq	99
86) Indeno(1,2,3-cd)pyrene	16.84	276	1697800	56.285	nq	99
88) Benzo(b)fluoranthene	14.99	252	1727267	54.277	nq	99
89) Benzo(k)fluoranthene	15.02	252	1539715	50.812	nq	99
90) Benzo(a)pyrene	15.34	252	1466415	50.705	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	1392476	55.048	nq	99
92) Benzo(g,h,i)perylene	17.27	276	1410467	55.502	nq	100

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



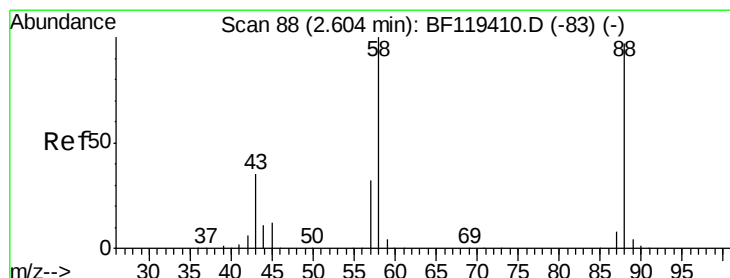
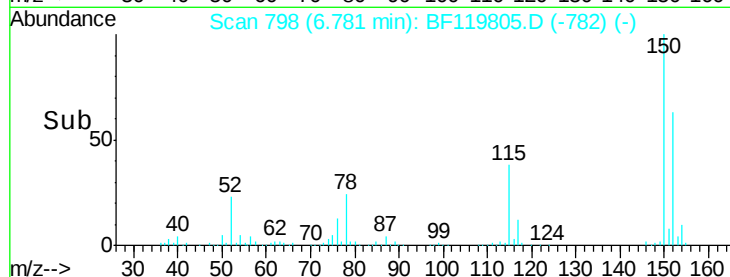
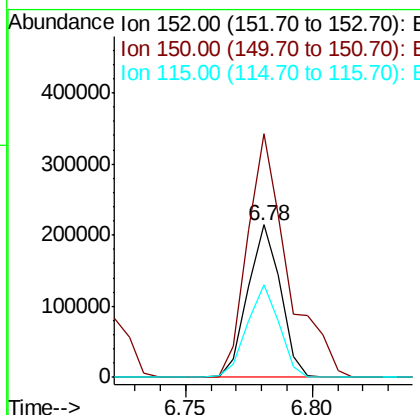
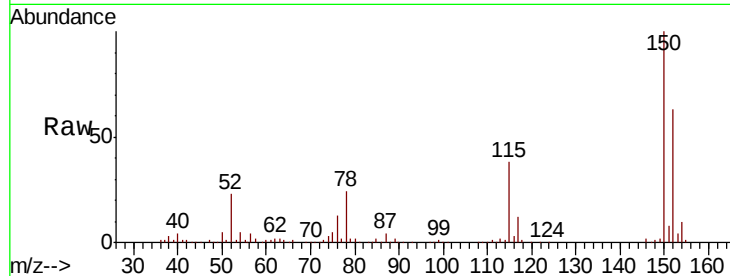
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.5	186.7
115	60.4	49.6	74.4

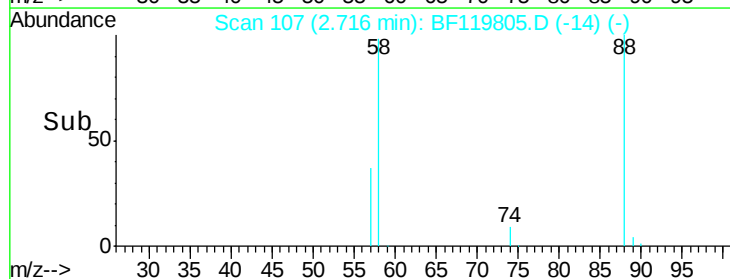
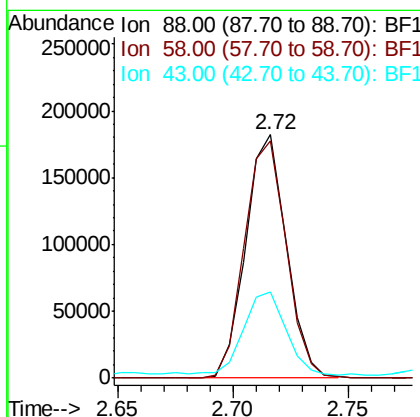
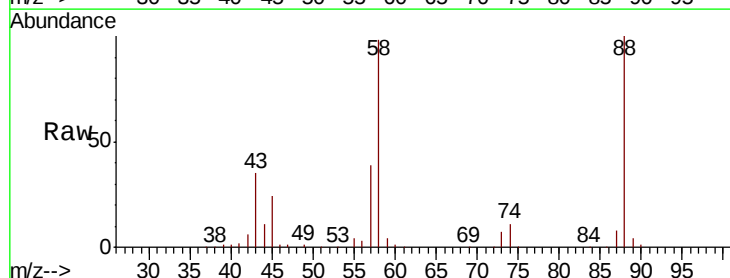
Manual Integrations
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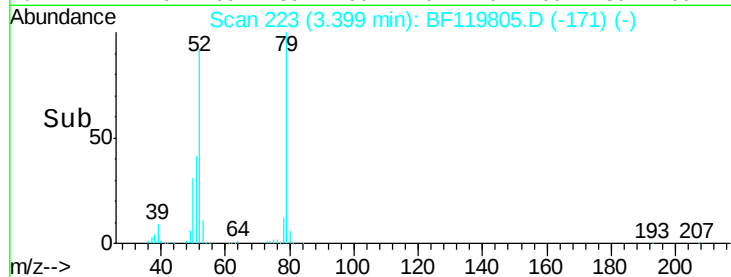
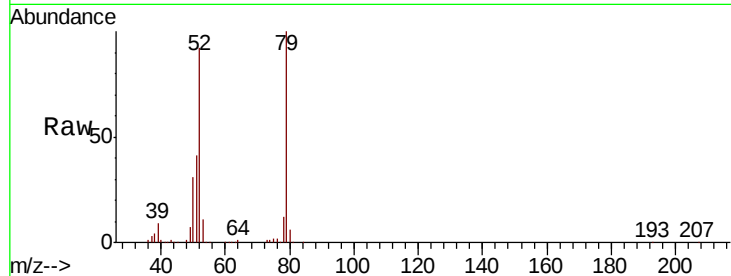
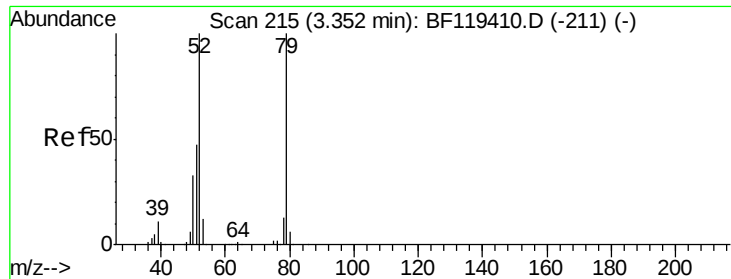
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#2
 1,4-Dioxane
 Concen: 37.751 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.25 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.5	80.6	121.0
43	0.0	27.5	41.3#





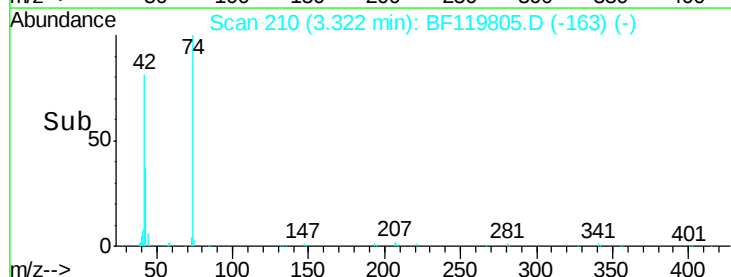
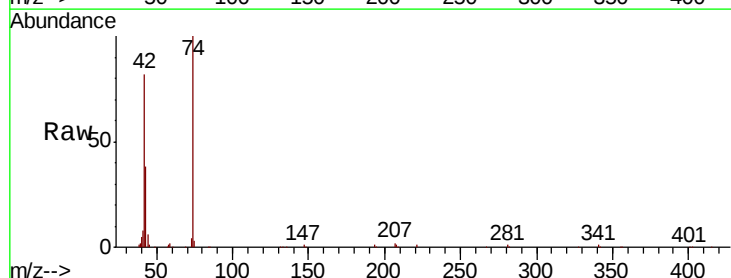
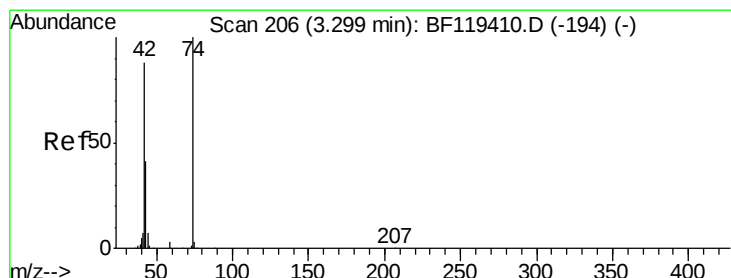
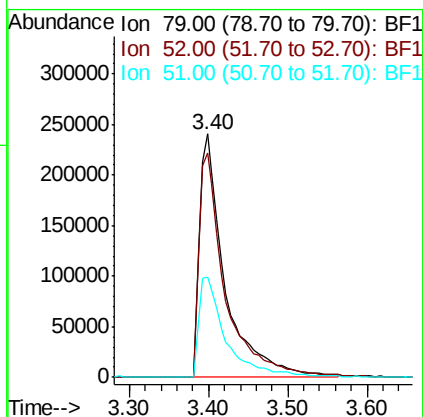
#3
Pvridine
Concen: 33.218 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.21 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.9	80.2	120.2
51	41.2	37.7	56.5

Instrument :
BNA_F
ClientSampleId :
T-1MSD

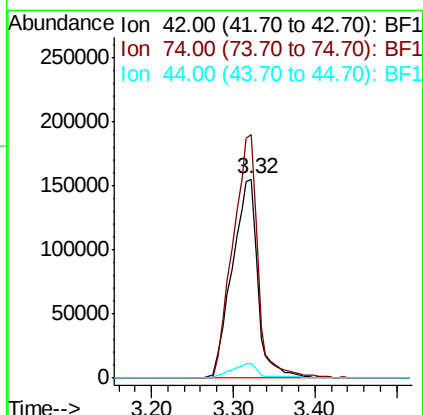
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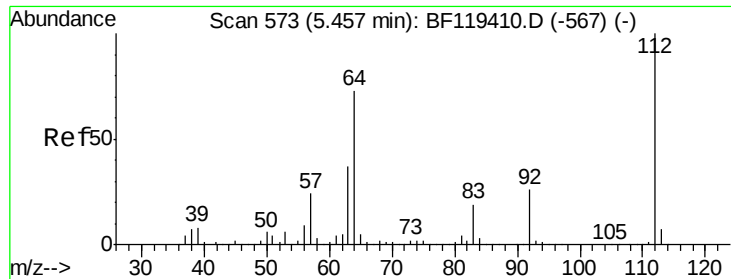
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#4
n-Nitrosodimethylamine
Concen: 42.336 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.18 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.4	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 131.502 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.03 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion: 112 Resp: 1585405

Ion Ratio Lower Upper

112 100

64 68.6 56.7 85.1

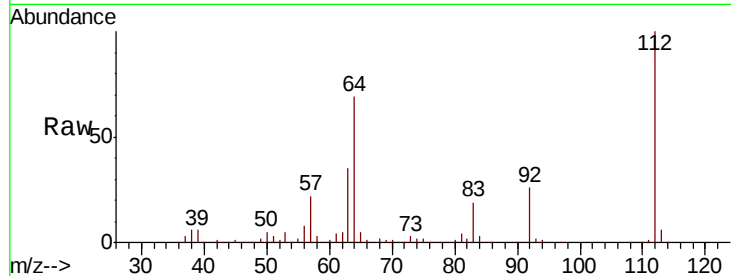
63 35.3 29.5 44.3

Manual Integrations

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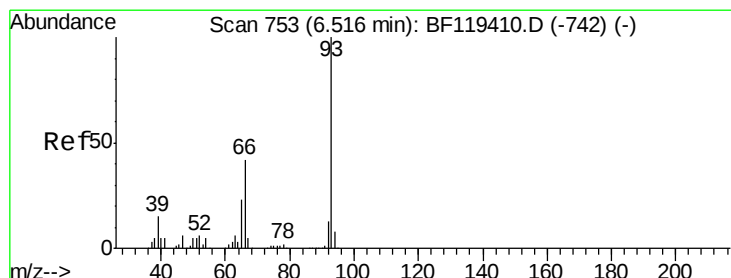
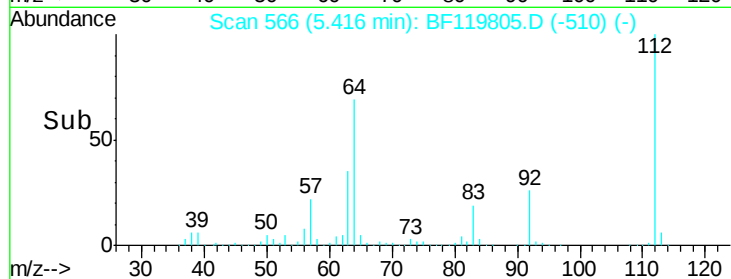
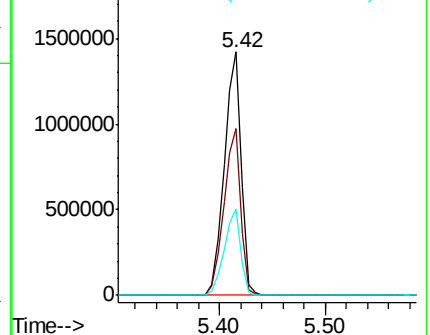
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.993 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion: 93 Resp: 403695

Ion Ratio Lower Upper

93 100

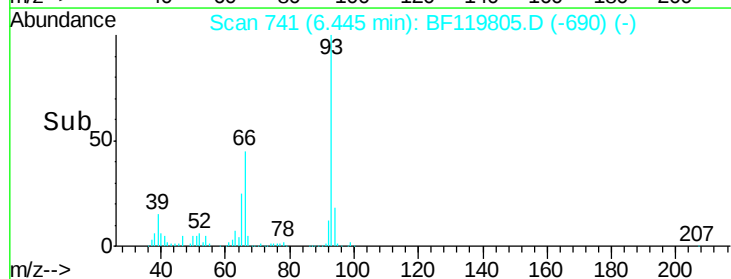
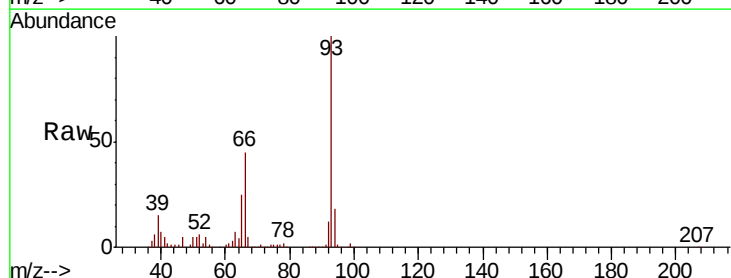
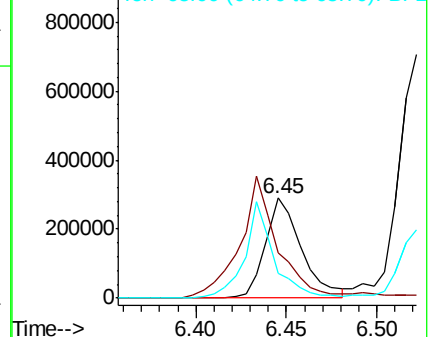
66 45.0 34.9 52.3

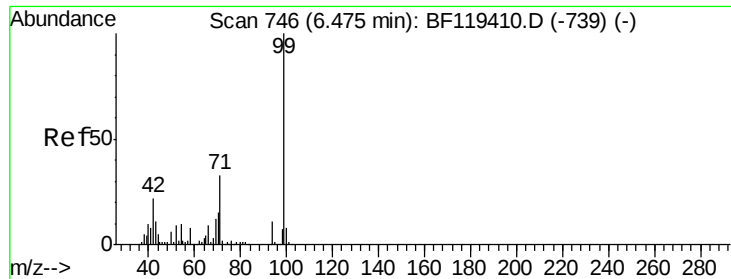
65 25.4 18.6 27.8

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.424 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion: 99 Resp: 1854631

Ion Ratio Lower Upper

99 100

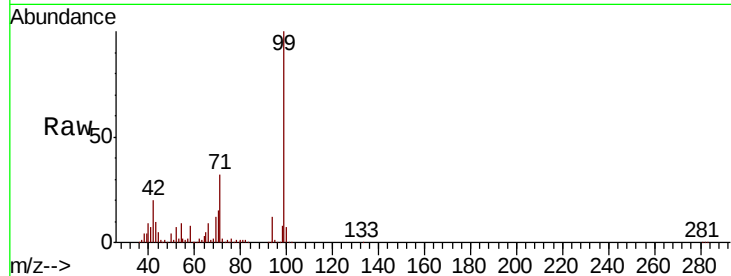
42 19.8 16.6 24.8

71 32.4 26.4 39.6

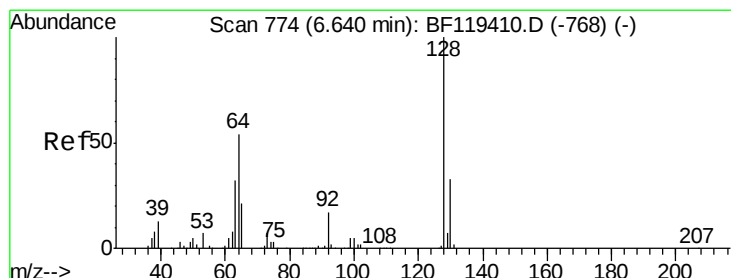
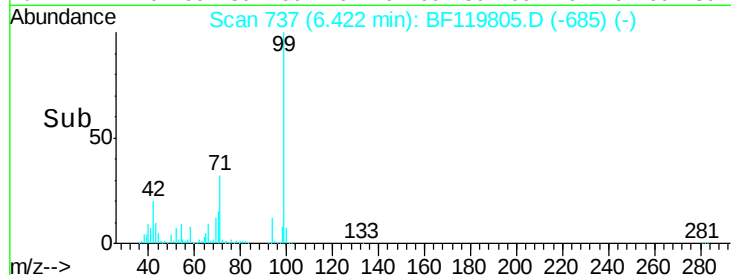
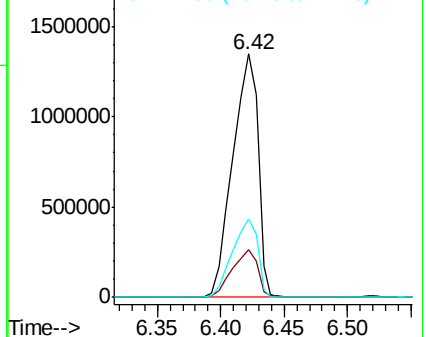
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 54.014 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

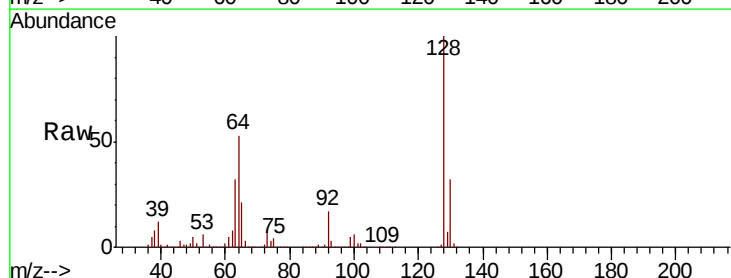
Tgt Ion: 128 Resp: 683939

Ion Ratio Lower Upper

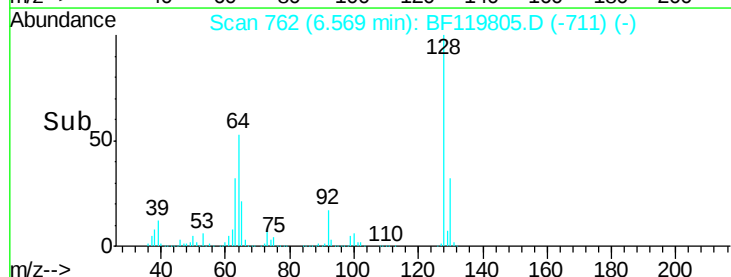
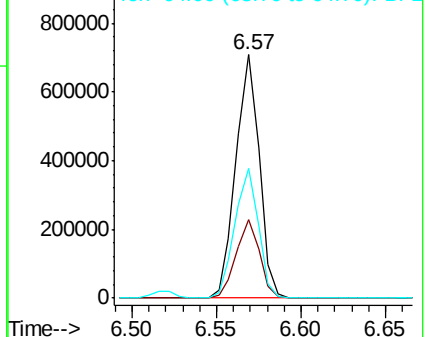
128 100

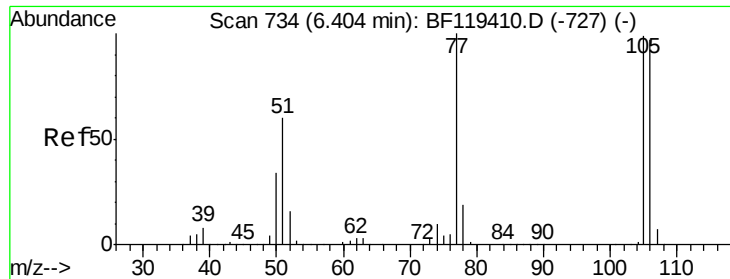
130 32.4 12.6 52.6

64 53.1 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.188 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

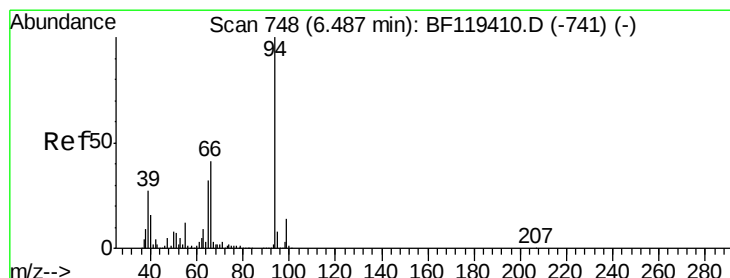
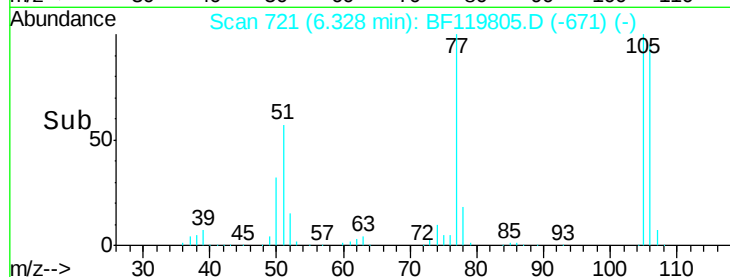
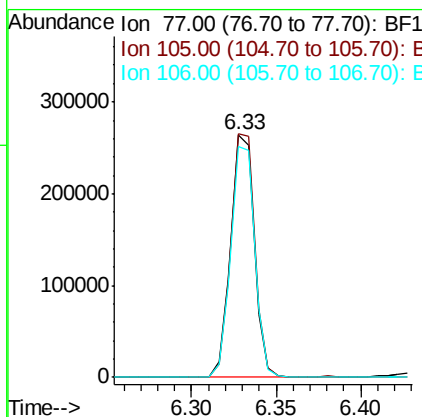
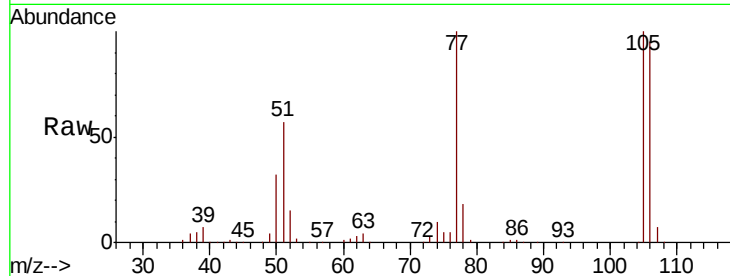
ClientSampleId :

T-1MSD

Tot Ion:	77	Resp:	255854
Ion	Ratio	Lower	Upper
77	100		
105	100.4	80.9	120.9
106	95.1	77.9	117.9

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#10

Phenol

Concen: 43.999 ng

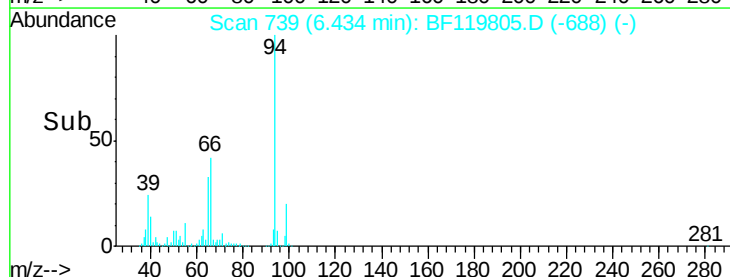
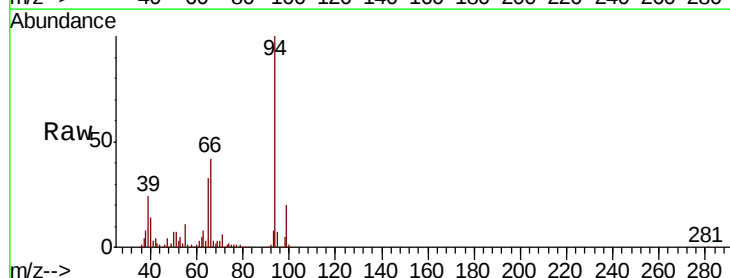
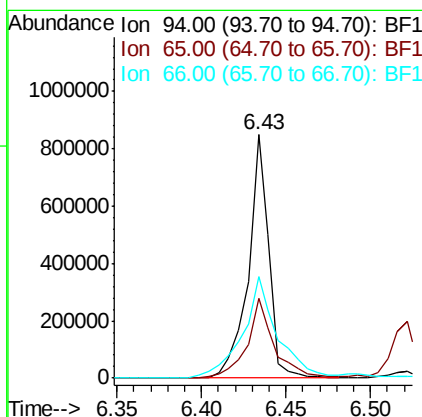
RT: 6.43 min Scan# 739

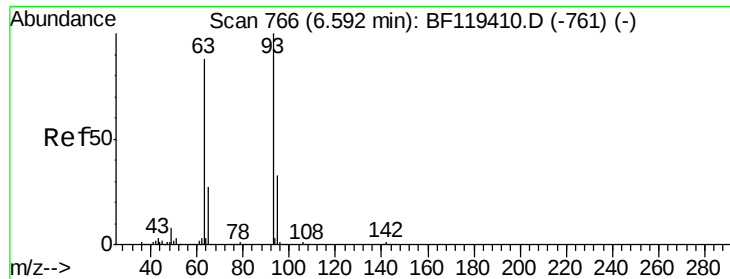
Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion:	94	Resp:	723038
Ion	Ratio	Lower	Upper
94	100		
65	32.7	13.2	53.2
66	41.7	22.3	62.3





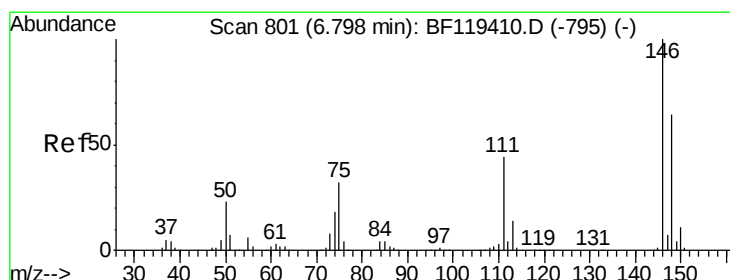
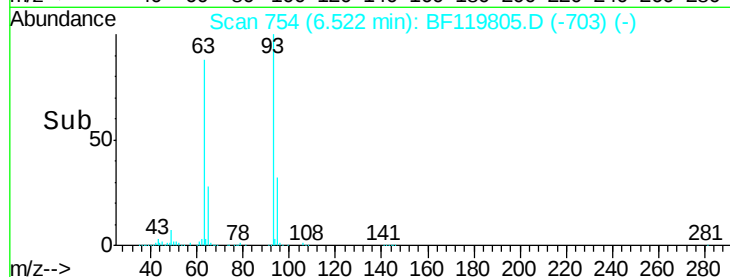
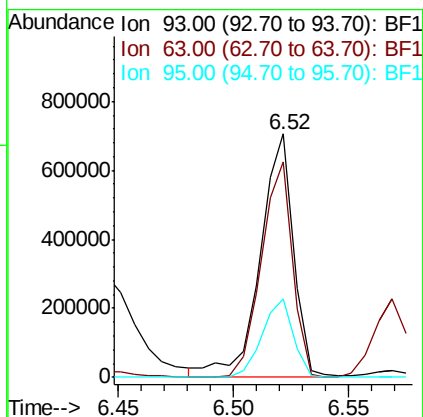
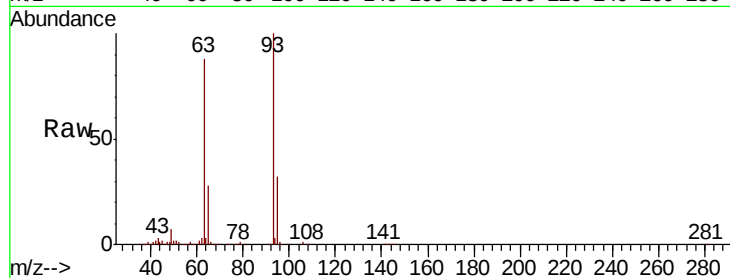
#11
bis(2-Chloroethyl)ether
Concen: 54.206 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		712431		
63	88.5	70.2	110.2		
95	32.2	13.4	53.4		

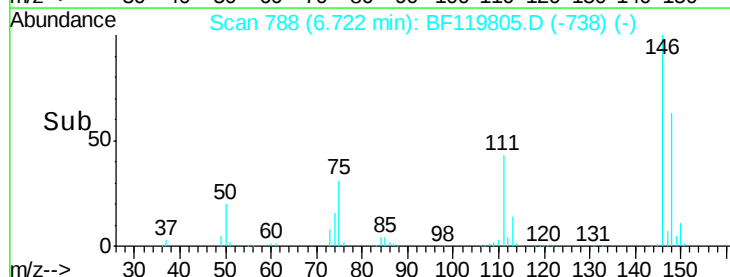
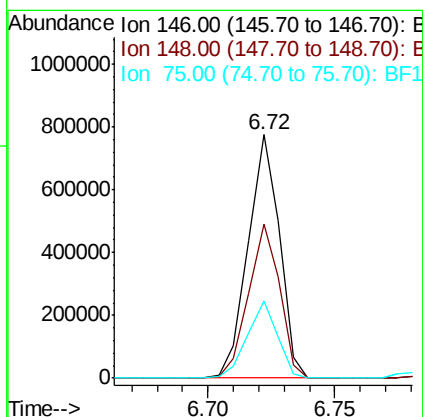
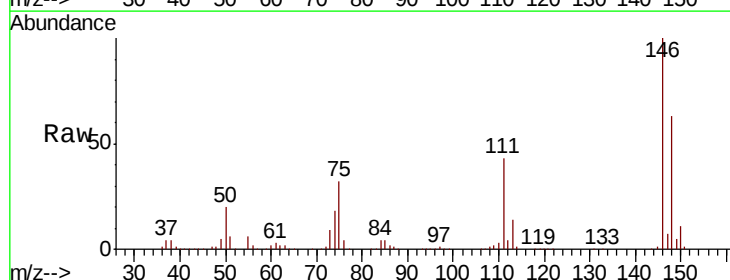
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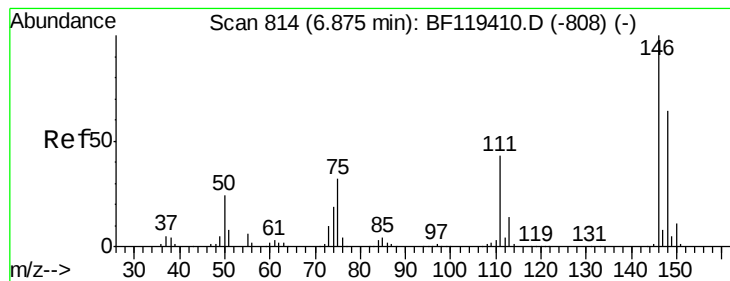
mohammad
4/8/2020 8:12:36 AM



#12
1,3-Dichlorobenzene
Concen: 48.833 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		669240		
148	63.1	52.2	78.4		
75	31.8	23.0	34.4		





#13

1,4-Dichlorobenzene

Concen: 49.380 ng

RT: 6.80 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

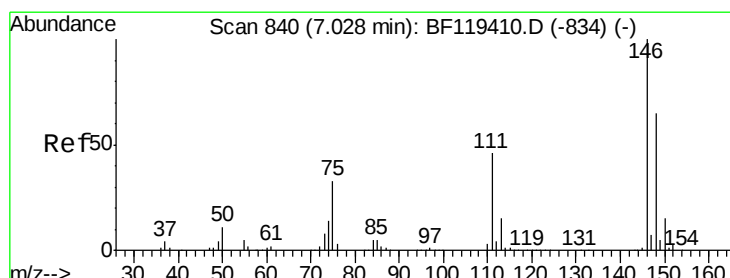
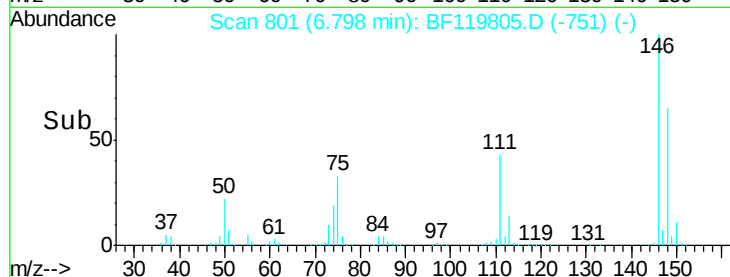
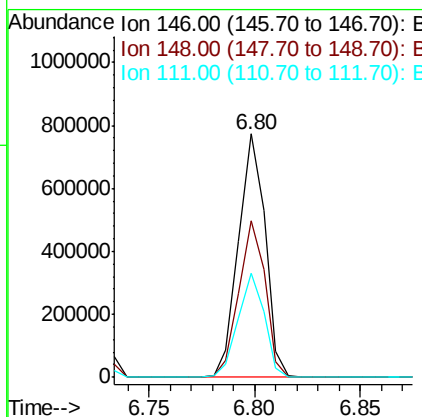
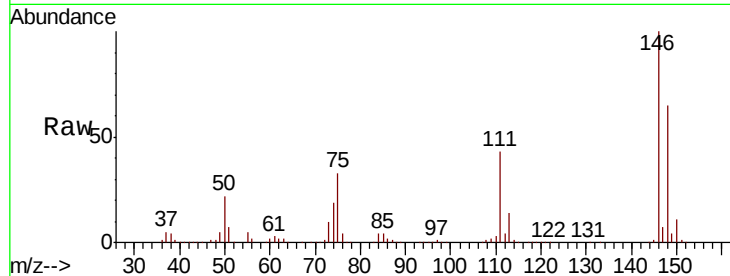
ClientSampled :

T-1MSD

Tot Ion:	146	Resp:	676896
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.5	77.3
111	42.8	33.3	49.9

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#14

1,2-Dichlorobenzene

Concen: 49.692 ng

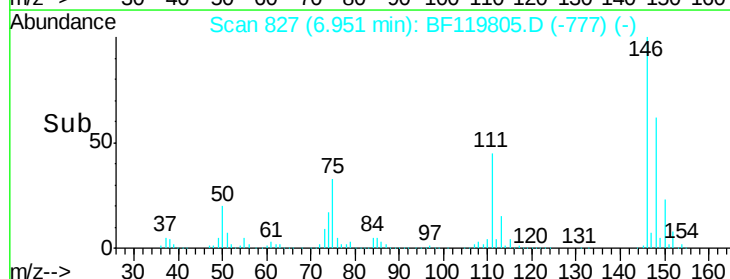
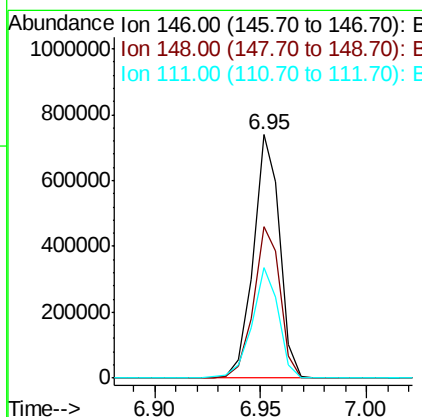
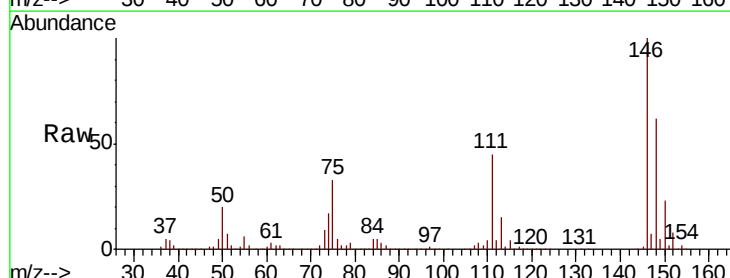
RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion:	146	Resp:	636693
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	75.8
111	45.5	36.1	54.1





#15

Benzyl Alcohol

Concen: 48.736 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

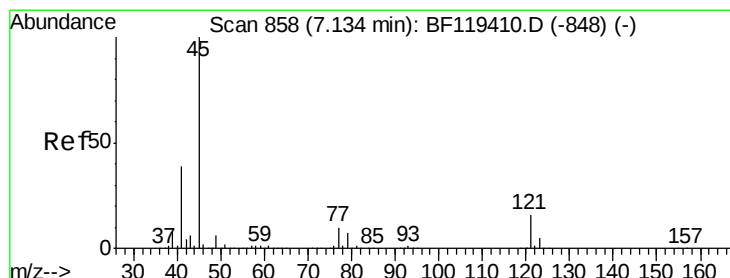
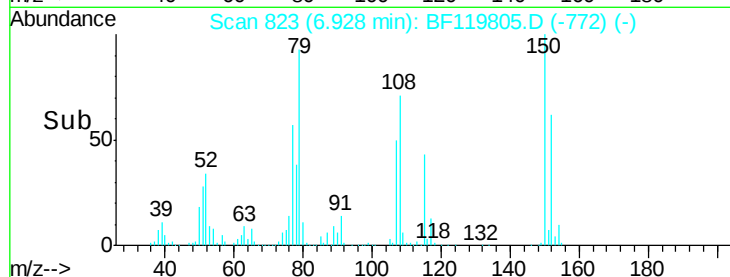
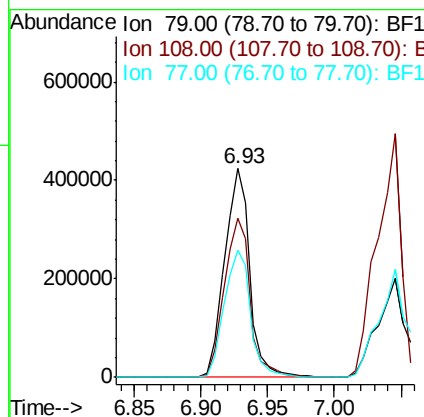
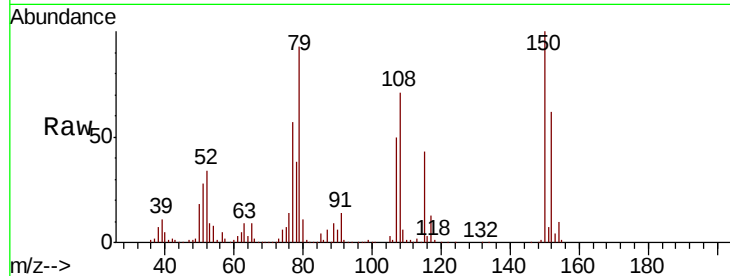
ClientSampled :

T-1MSD

Tot Ion:	79	Resp:	564603
Ion Ratio	Lower	Upper	
79	100		
108	76.3	60.6	90.8
77	61.2	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.640 ng

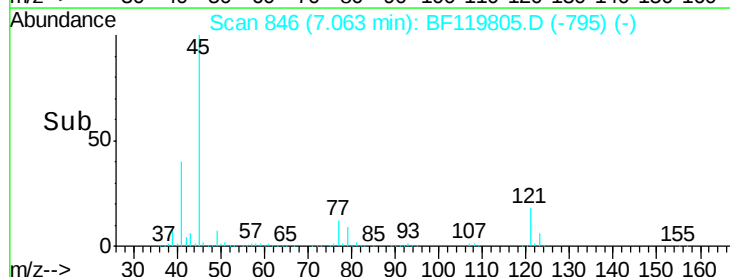
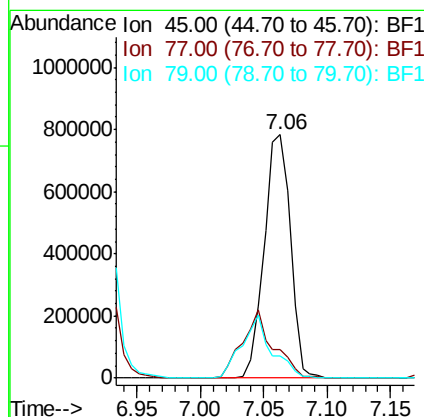
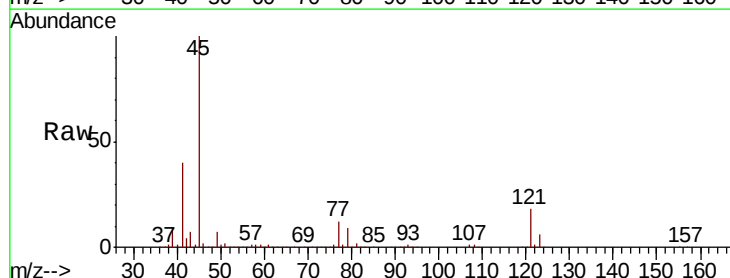
RT: 7.06 min Scan# 846

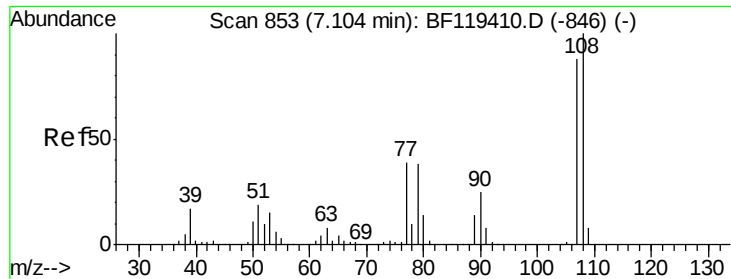
Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion:	45	Resp:	1130410
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.7
79	9.3	0.0	28.2





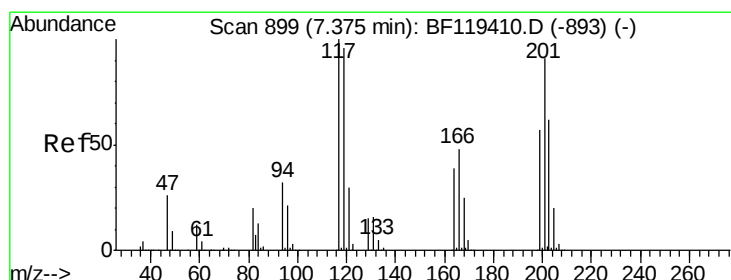
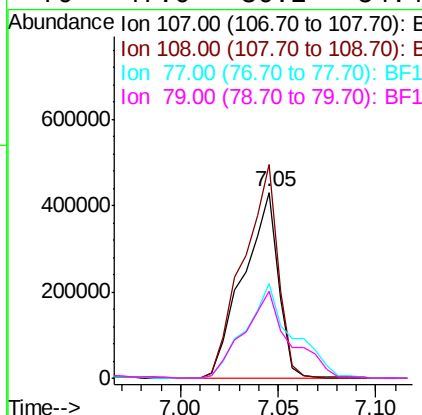
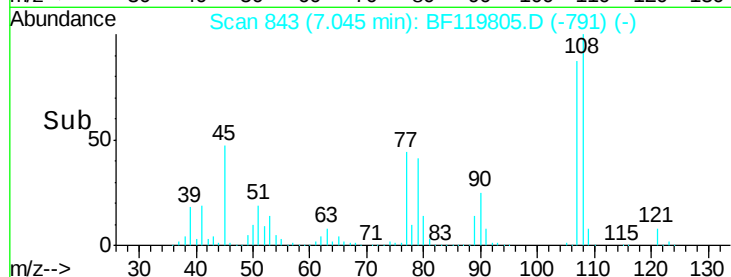
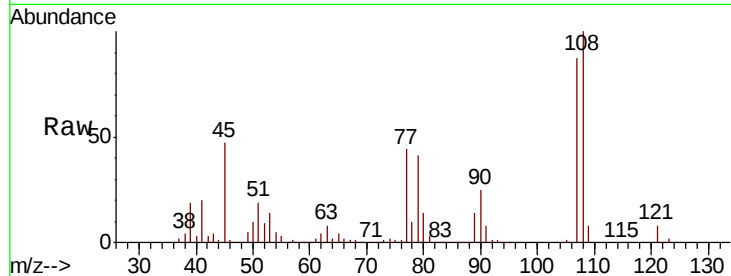
#17
2-Methylphenol
Concen: 46.248 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion:	107	Resp:	536556
Ion Ratio	Lower	Upper	
107	100		
108	115.0	92.2	138.4
77	51.0	36.6	54.8
79	47.0	36.2	54.4

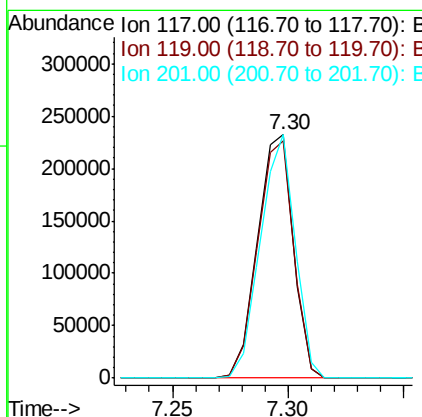
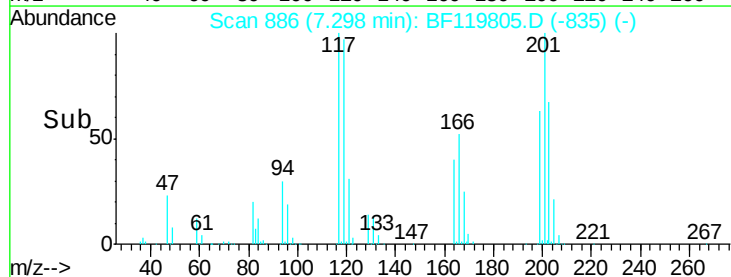
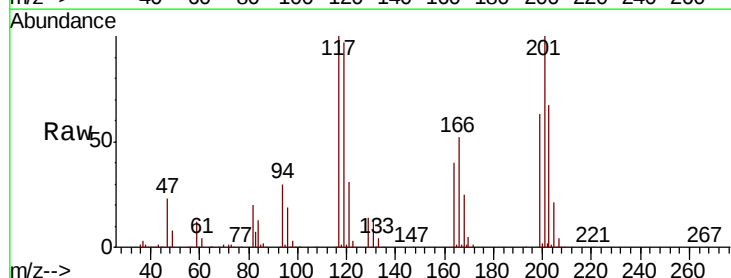
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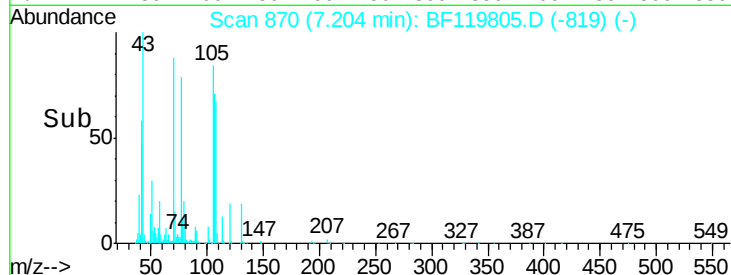
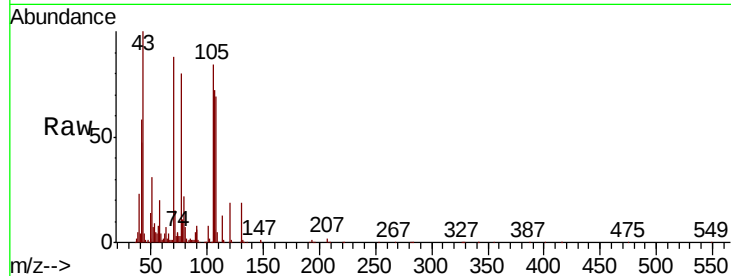
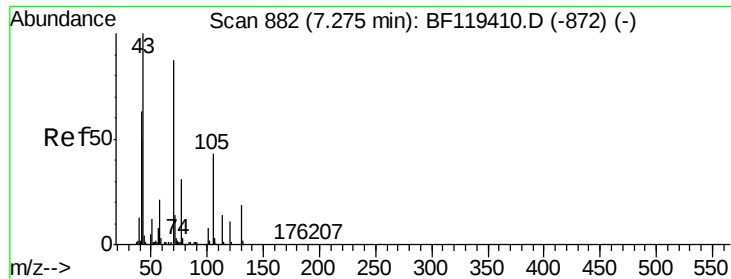
mohammad
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#18
Hexachloroethane
Concen: 49.958 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion:	117	Resp:	250966
Ion Ratio	Lower	Upper	
117	100		
119	97.5	76.1	114.1
201	99.8	73.0	109.6





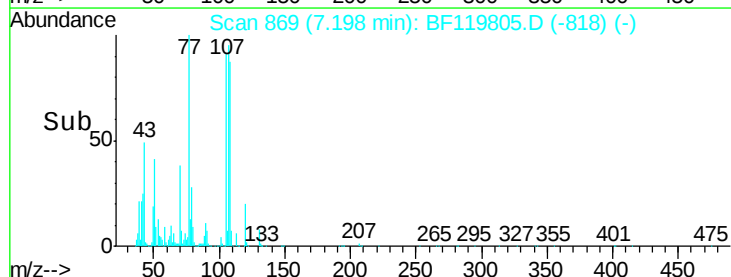
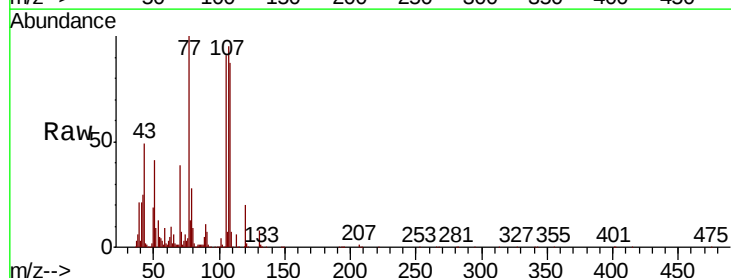
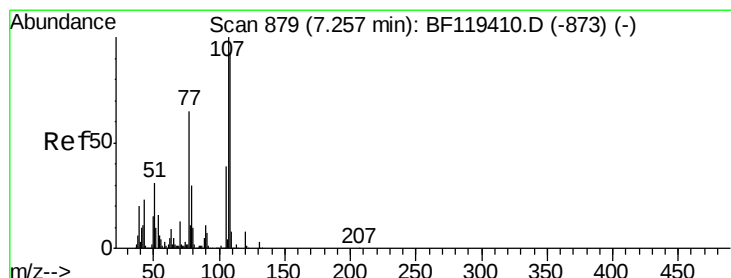
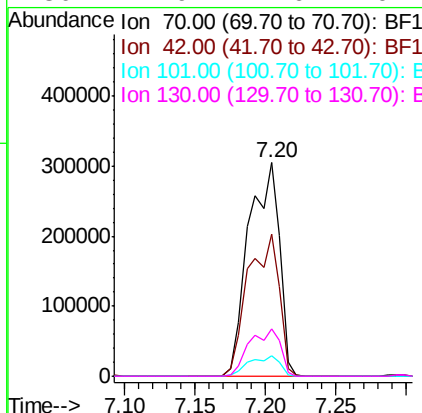
#19
n-Nitroso-di-n-propylamine
Concen: 50.449 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.3	54.5	81.7
101	9.5	7.6	11.4
130	21.9	17.6	26.4

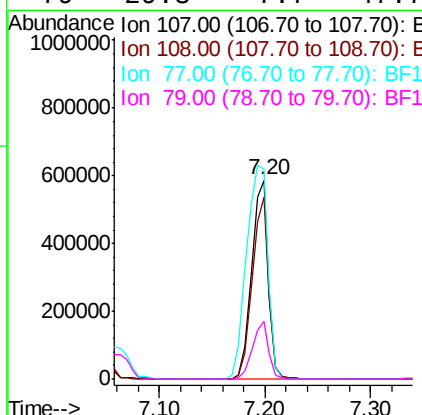
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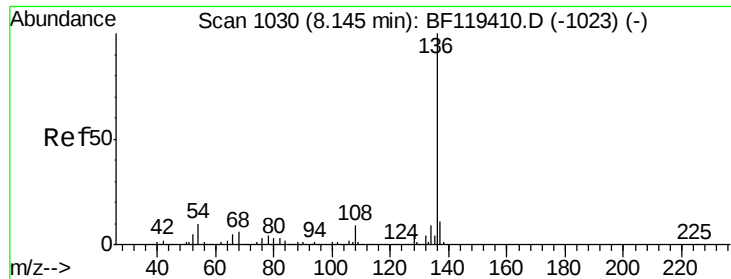
mohammad
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#20
3+4-Methylphenols
Concen: 45.760 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.9	107.9
77	105.4	52.9	92.9
79	29.3	7.7	47.7





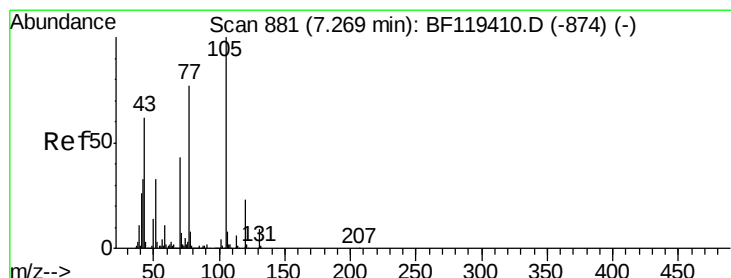
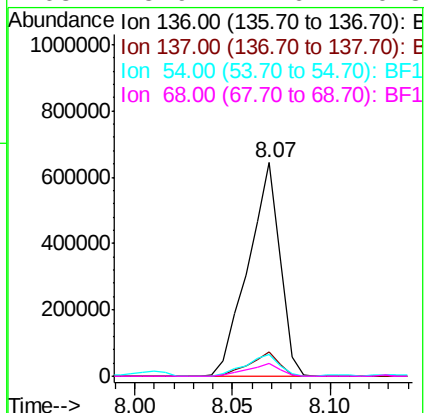
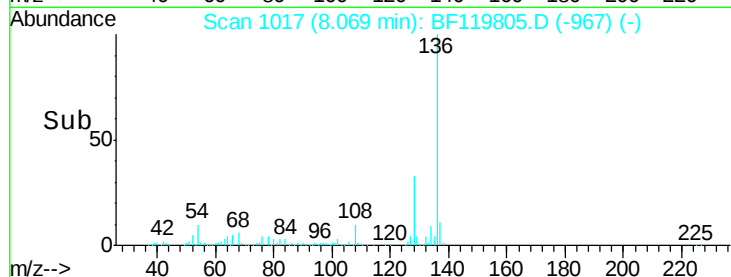
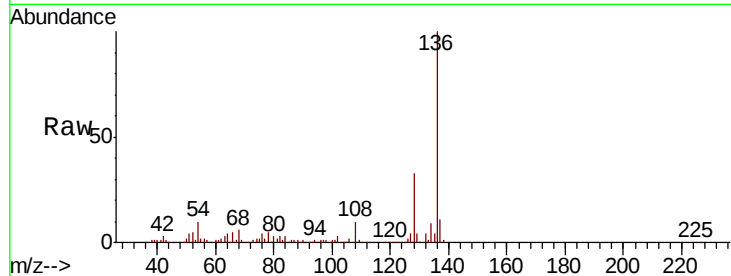
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	10.2	9.1	13.7	
68	5.9	4.6	6.8	

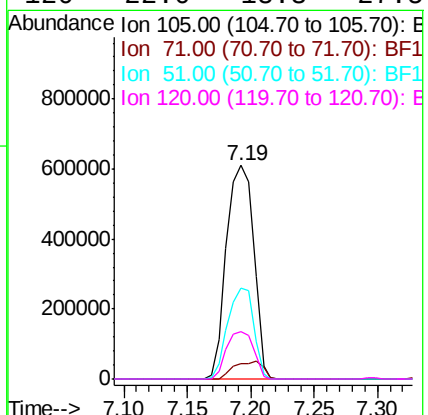
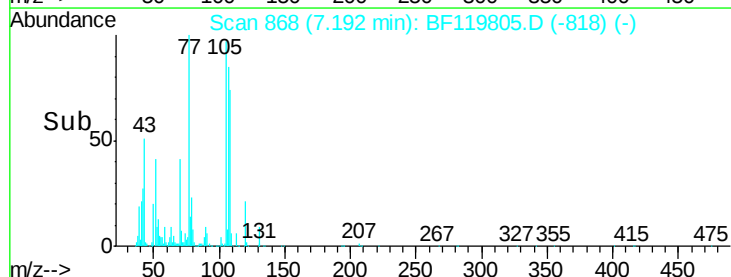
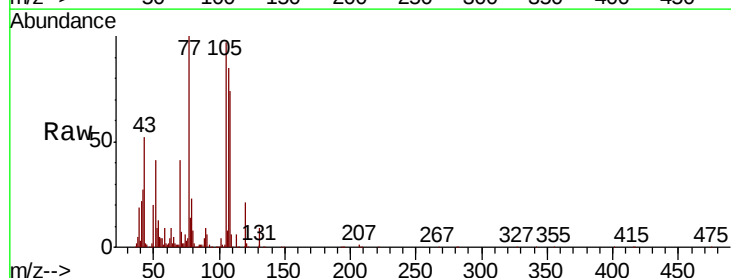
Manual Integrations
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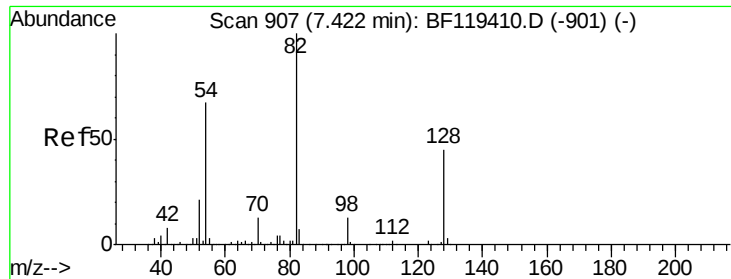
mohammad
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#22
Acetophenone
Concen: 52.127 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.7	8.5	
51	42.6	26.2	39.4	
120	22.0	18.3	27.5	





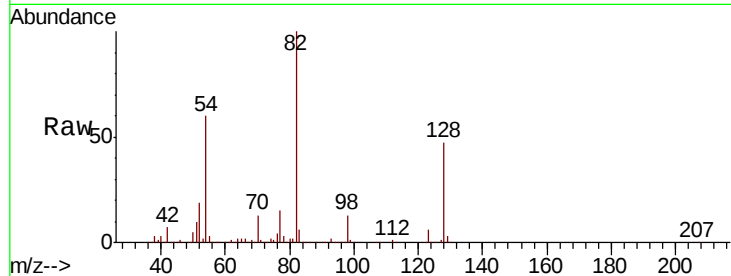
#23
 Nitrobenzene-d5
 Concen: 101.097 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

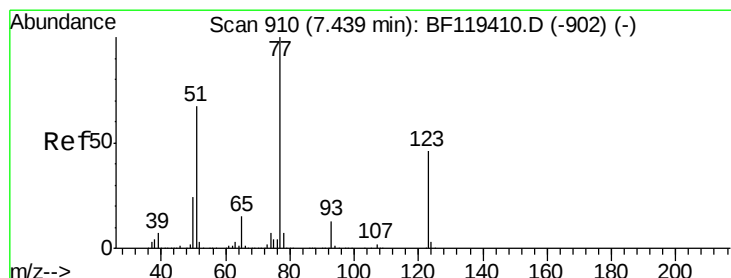
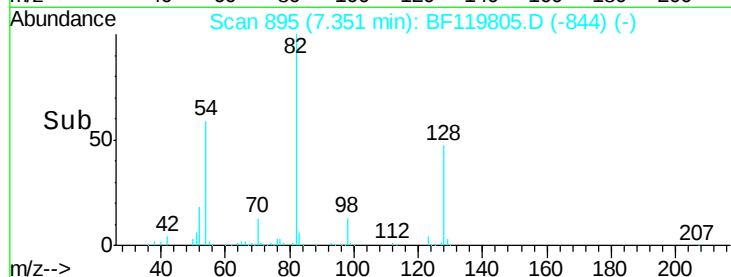
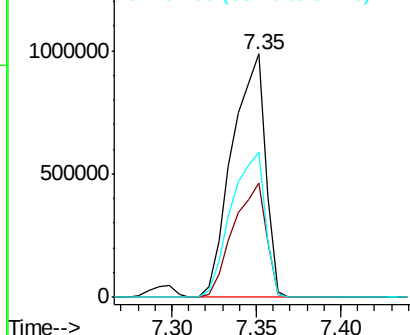
Tot Ion: 82 Resp: 1354955
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.3 54.5
 54 59.8 50.6 75.8

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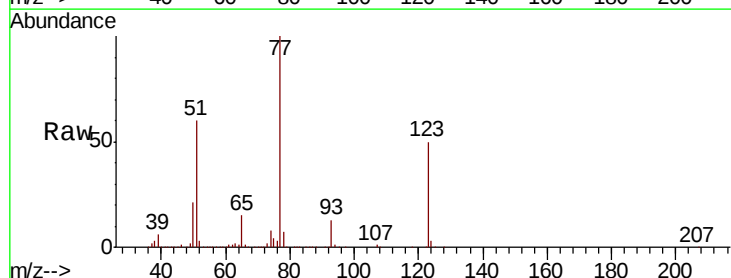


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

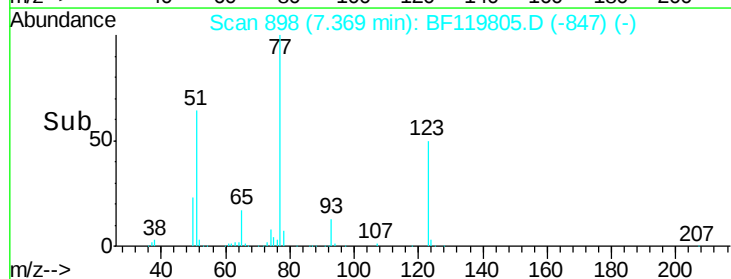
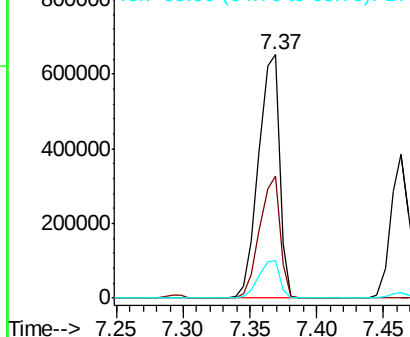


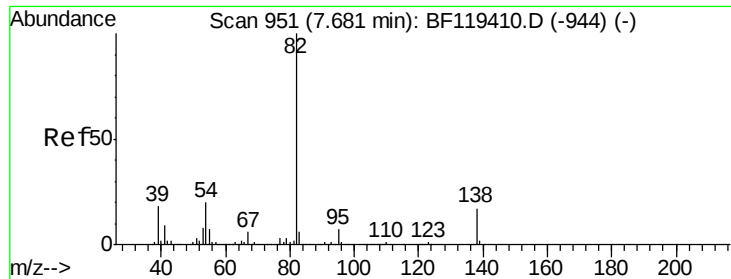
#24
 Nitrobenzene
 Concen: 49.353 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion: 77 Resp: 706891
 Ion Ratio Lower Upper
 77 100
 123 50.3 38.0 57.0
 65 15.3 12.6 18.8



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





#25

Isophorone

Concen: 48.119 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion: 82 Resp: 1308242

Ion Ratio Lower Upper

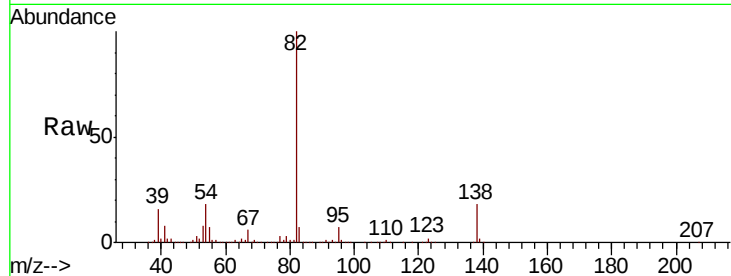
82 100

95 6.8 5.8 8.6

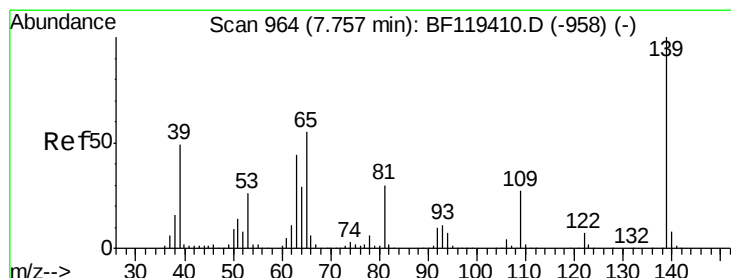
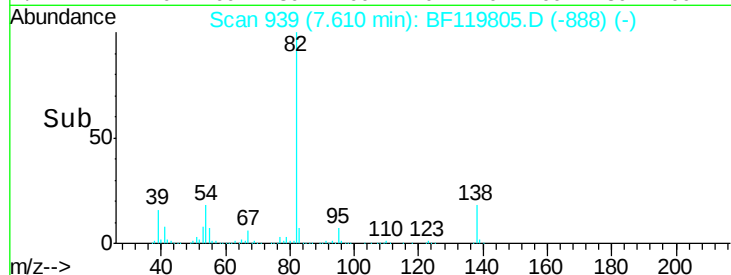
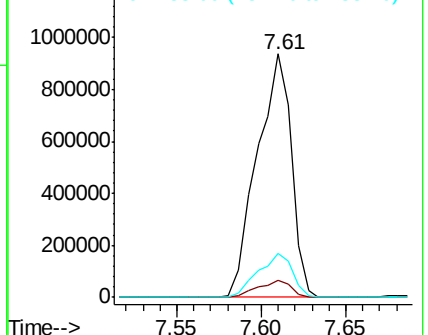
138 17.9 14.6 21.8

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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: 66.182 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

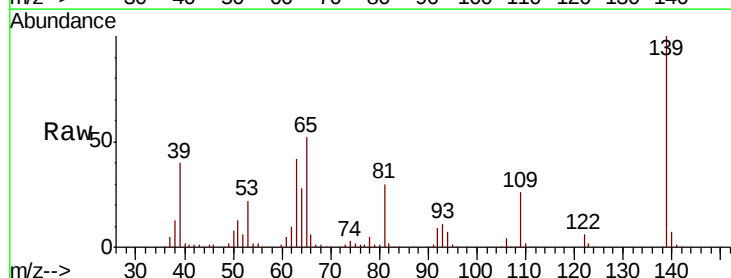
Tgt Ion: 139 Resp: 373238

Ion Ratio Lower Upper

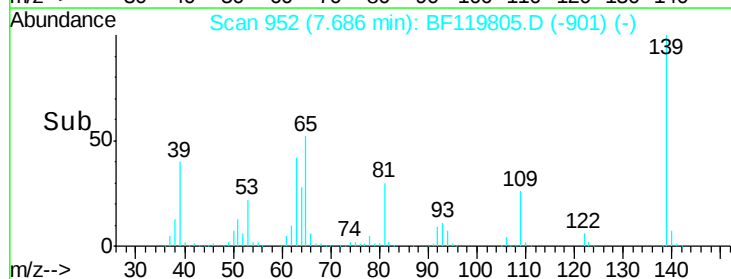
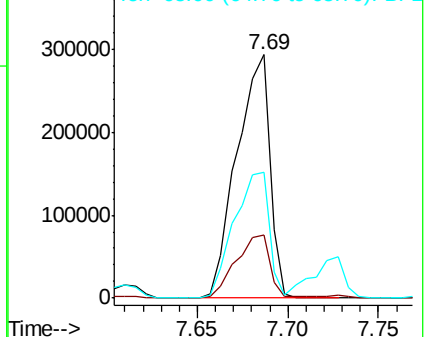
139 100

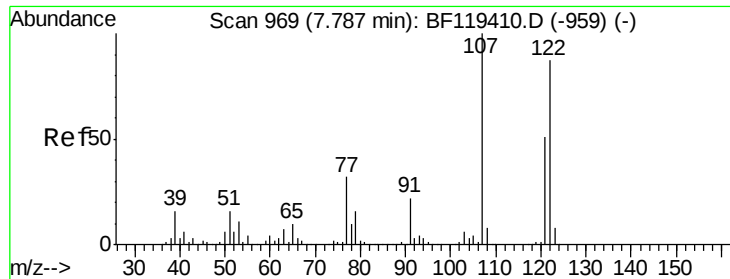
109 25.7 22.1 33.1

65 51.9 49.2 73.8



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





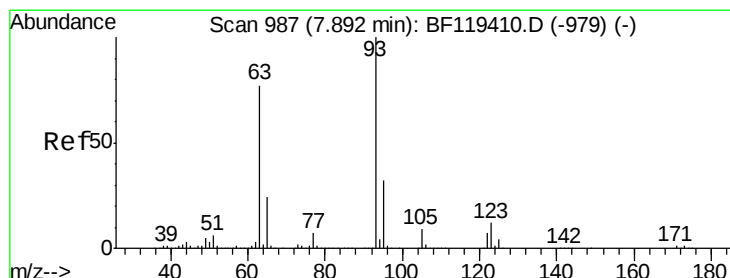
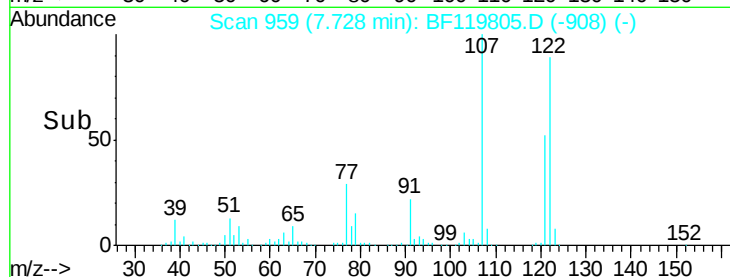
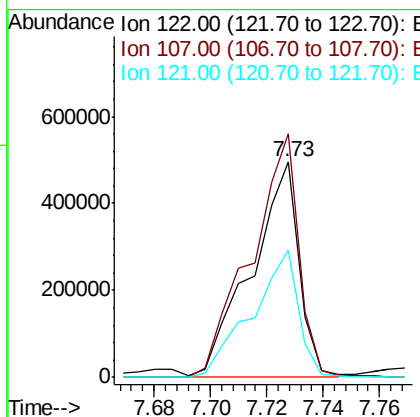
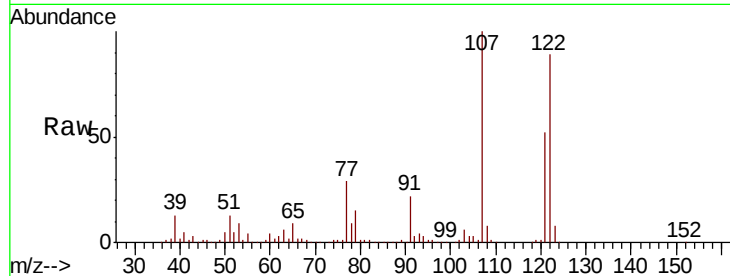
#27
2,4-Dimethylphenol
Concen: 49.727 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	89.0	133.6
121	59.0	46.7	70.1

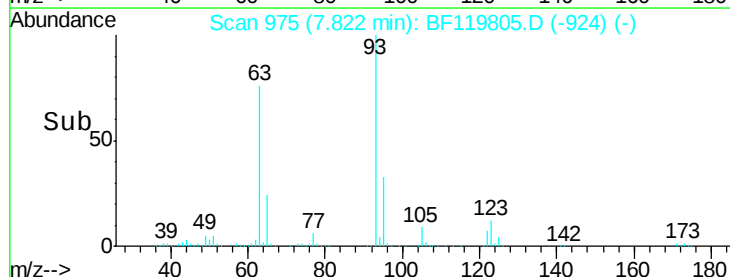
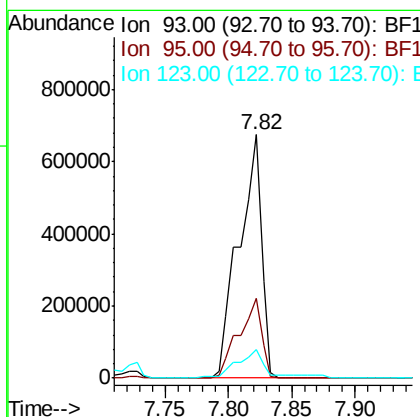
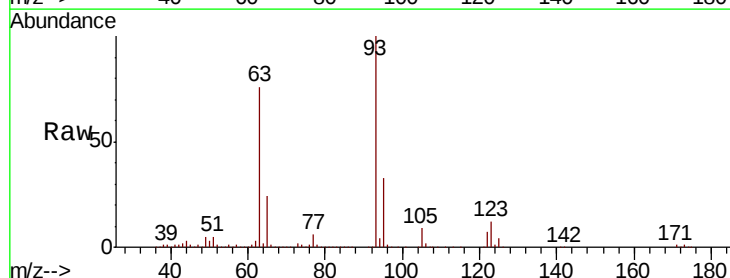
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 52.266 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	12.0	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 52.700 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

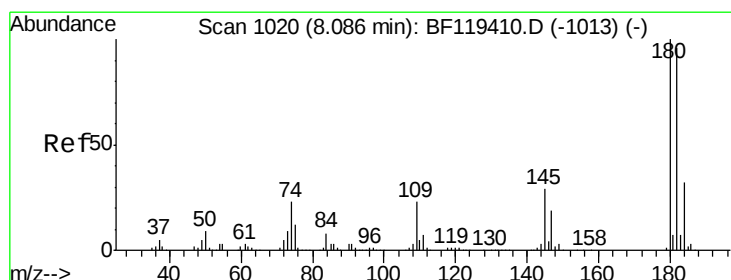
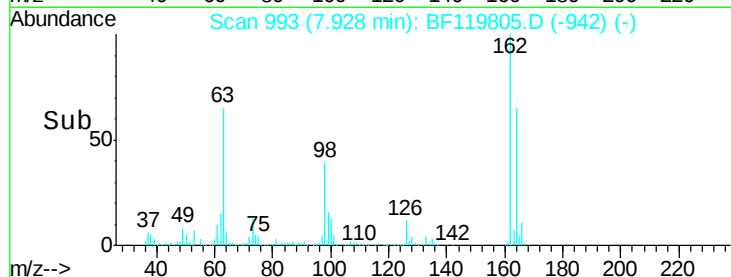
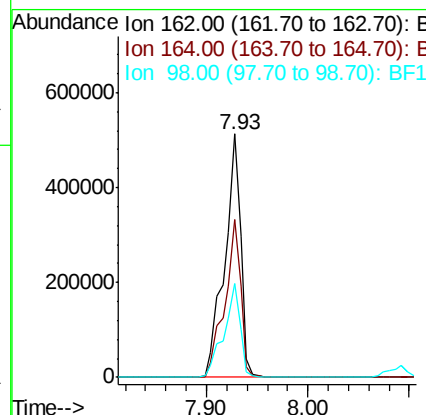
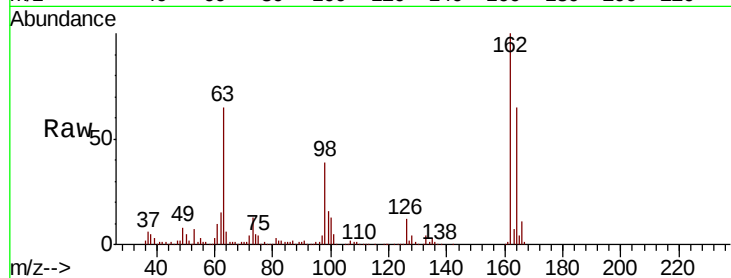
ClientSampleId :

T-1MSD

Tot Ion:	162	Resp:	564666
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.7	84.7
98	38.6	20.7	60.7

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#30

1,2,4-Trichlorobenzene

Concen: 51.460 ng

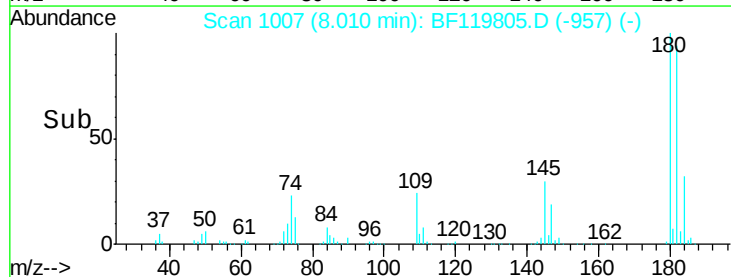
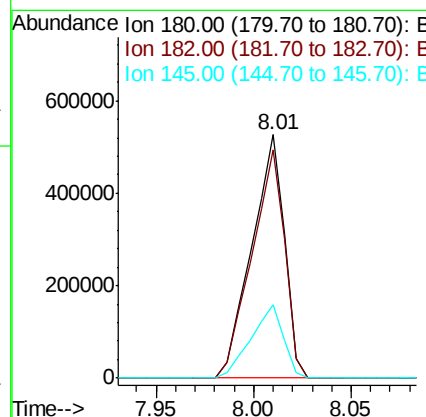
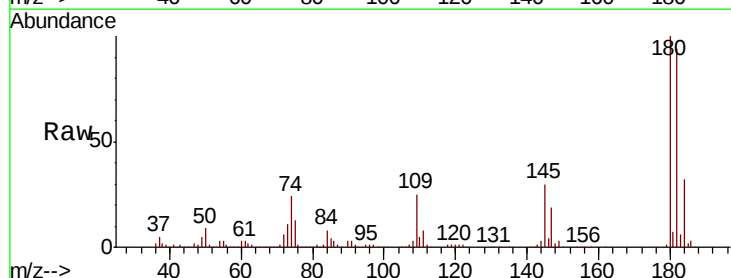
RT: 8.01 min Scan# 1007

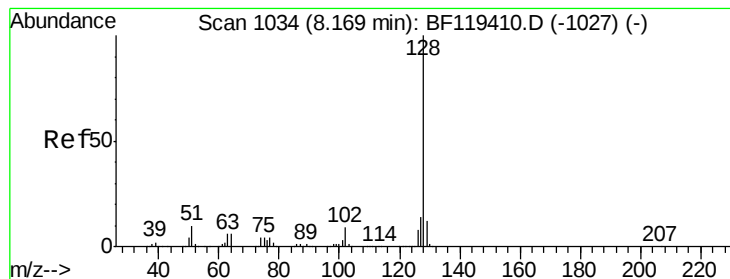
Delta R.T. -0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion:	180	Resp:	609784
Ion Ratio	Lower	Upper	
180	100		
182	93.6	74.7	112.1
145	30.4	24.5	36.7





#31

Naphthalene

Concen: 52.072 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion:128 Resp: 1951888

Ion Ratio Lower Upper

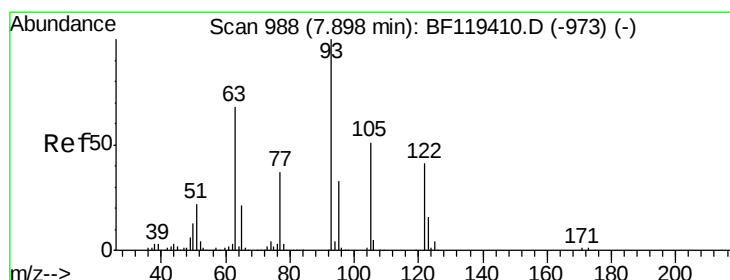
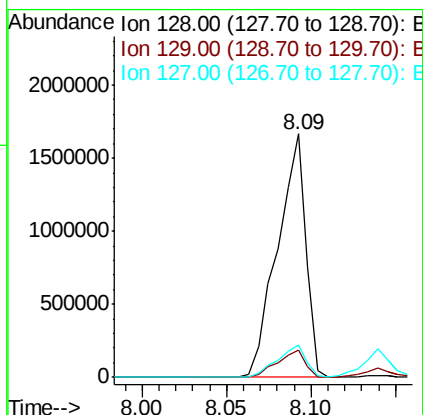
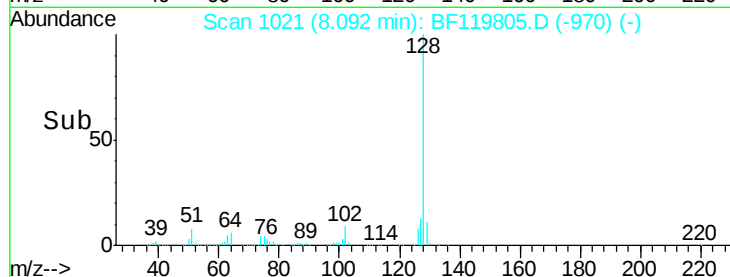
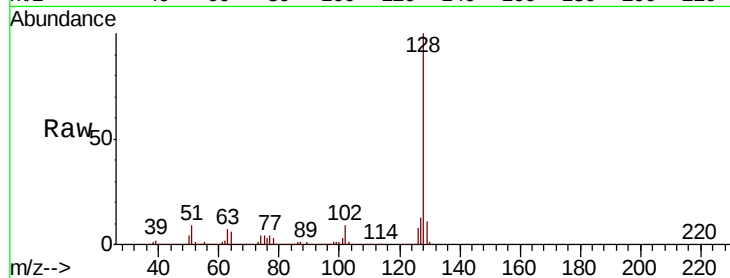
128 100

129 11.1 9.5 14.3

127 13.4 11.3 16.9

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#32

Benzoic acid

Concen: 57.527 ng m

RT: 7.87 min Scan# 984

Delta R.T. 0.03 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

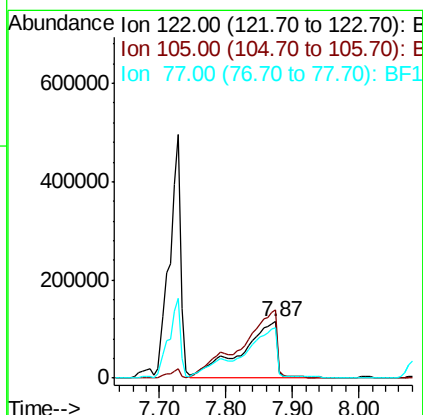
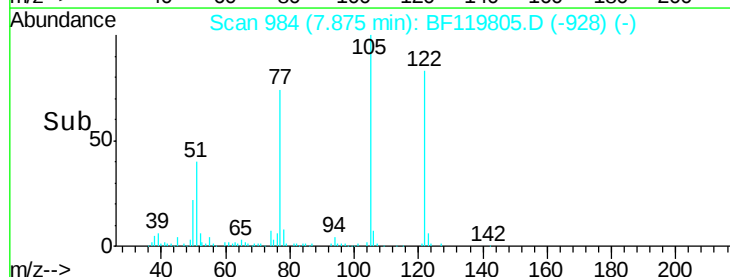
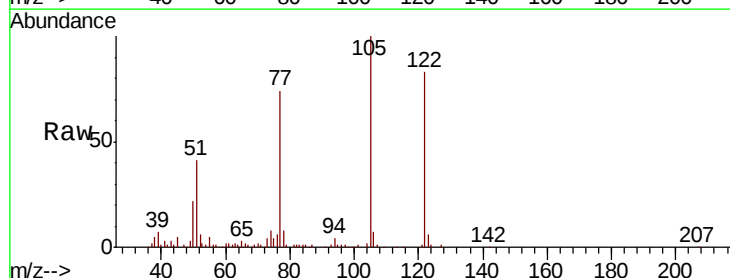
Tgt Ion:122 Resp: 431522

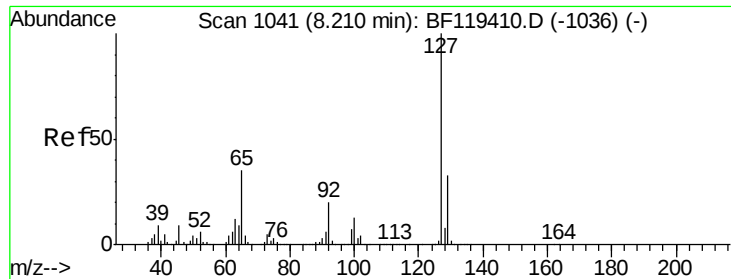
Ion Ratio Lower Upper

122 100

105 121.0 104.9 144.9

77 90.2 74.4 114.4





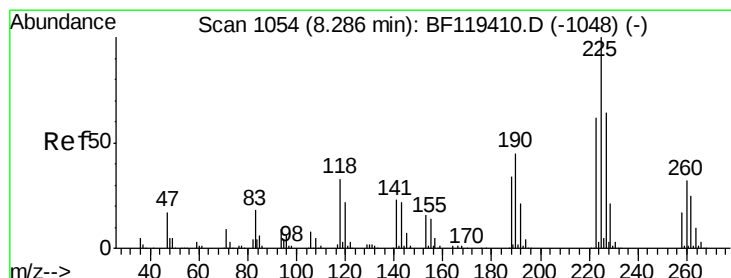
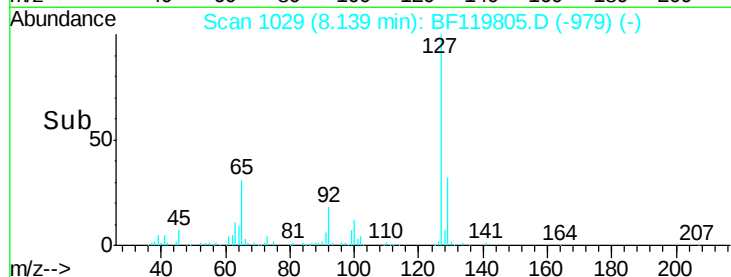
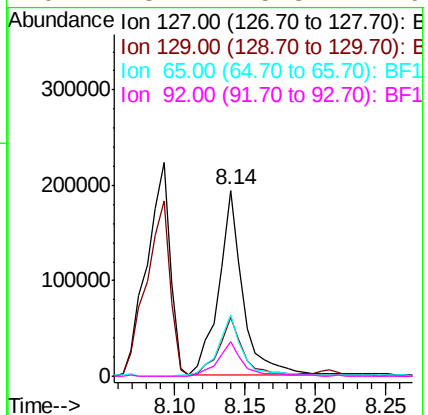
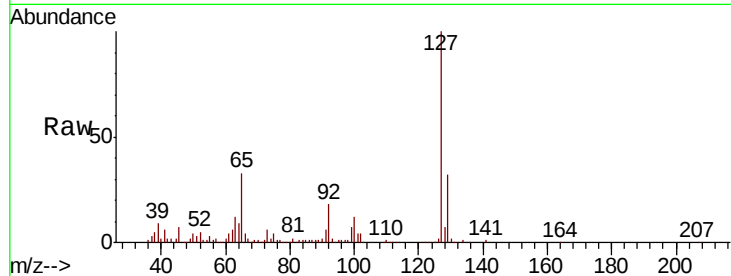
#33
4-Chloroaniline
Concen: 13.461 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.4		
65	33.1	27.4	41.0		
92	18.4	15.3	22.9		

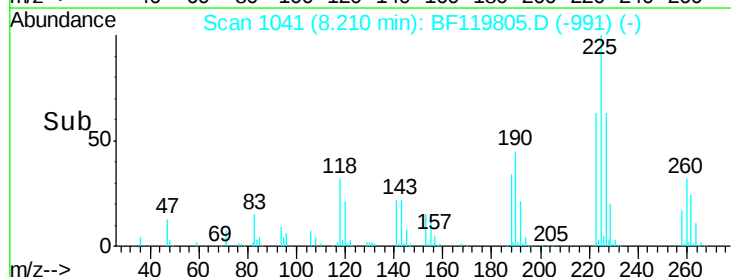
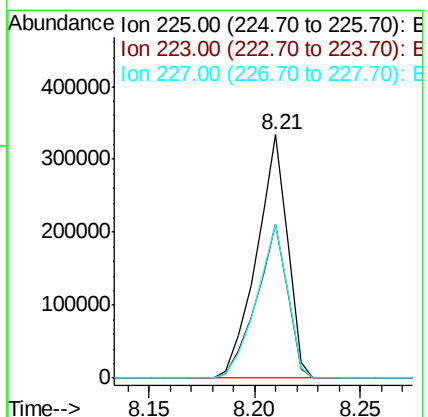
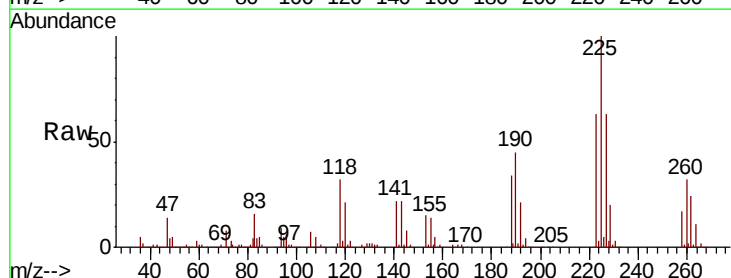
Manual Integrations
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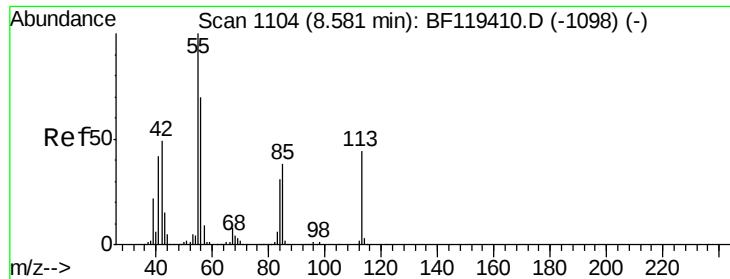
mohammad
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#34
Hexachlorobutadiene
Concen: 51.358 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	51.0	76.6		
227	63.3	50.7	76.1		





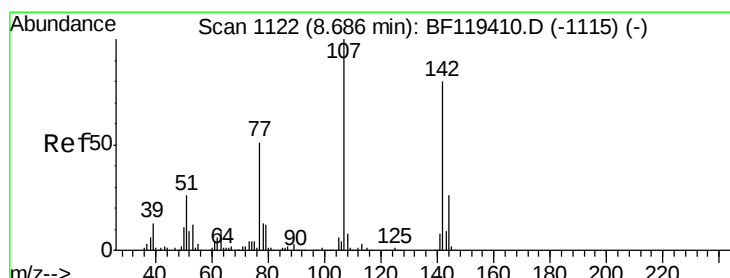
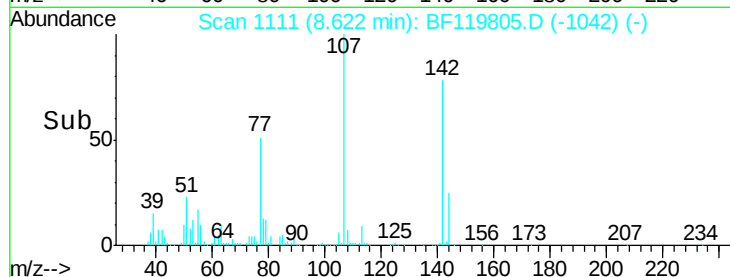
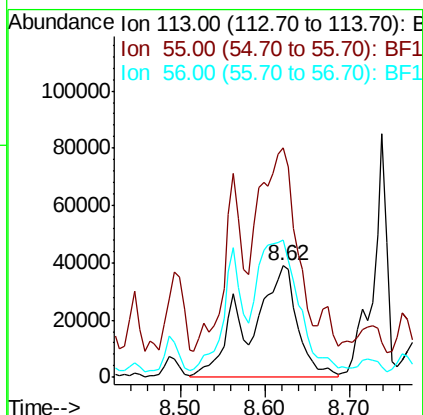
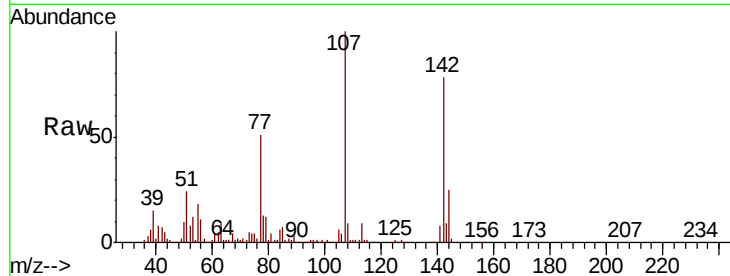
#35
 Caprolactam
 Concen: 44.431 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.11 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleID :
 T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	206.2	218.4	258.4#	
56	123.0	148.9	188.9#	

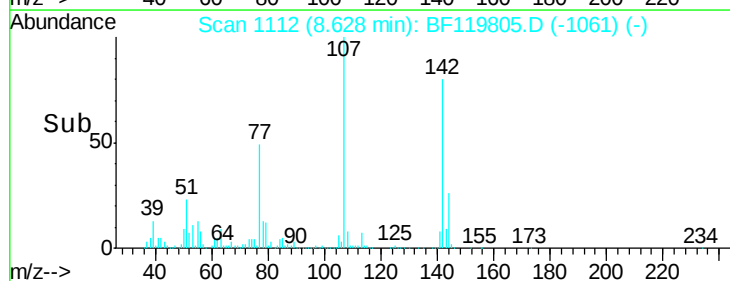
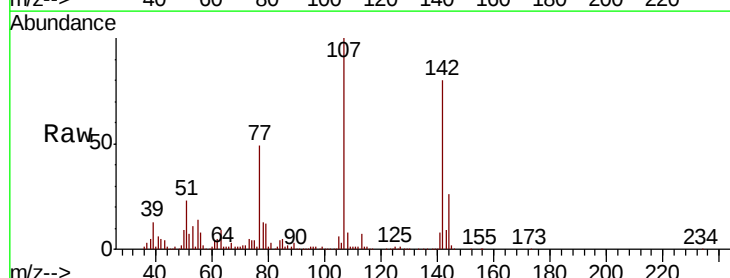
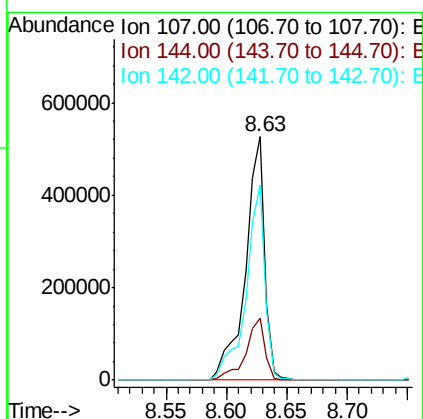
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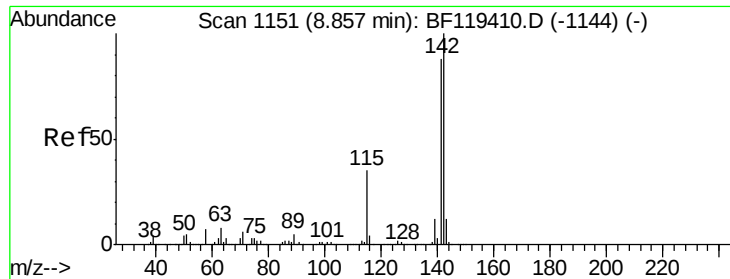
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 50.120 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.6	21.0	31.6	
142	80.0	64.4	96.6	





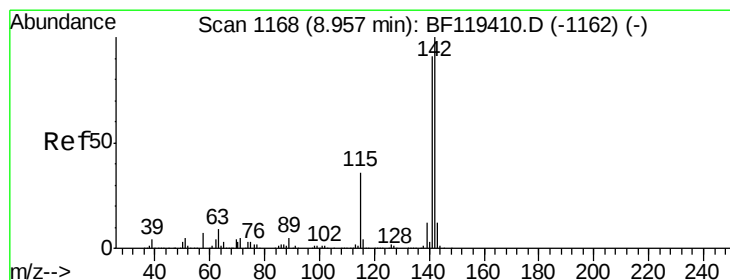
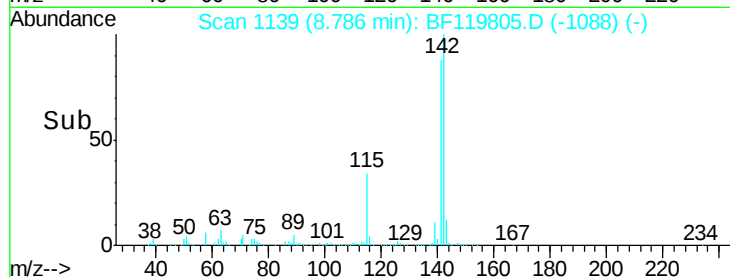
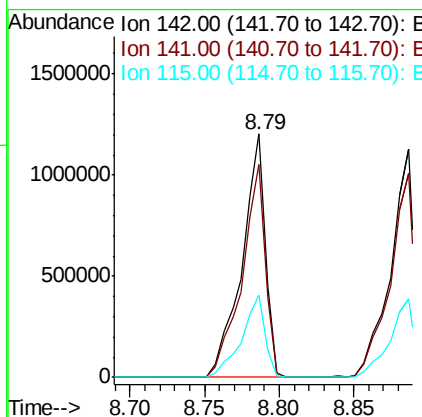
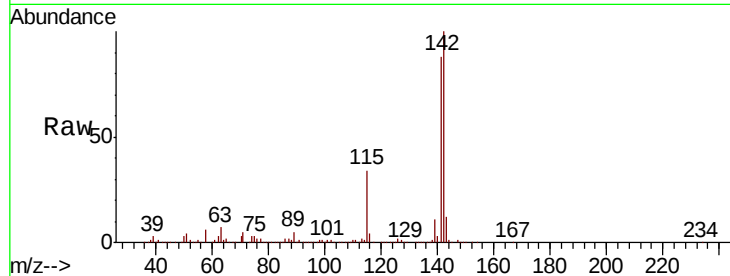
#37
2-Methylnaphthalene
Concen: 53.051 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion:142 Resp: 1305084
Ion Ratio Lower Upper
142 100
141 87.6 71.7 107.5
115 34.0 27.9 41.9

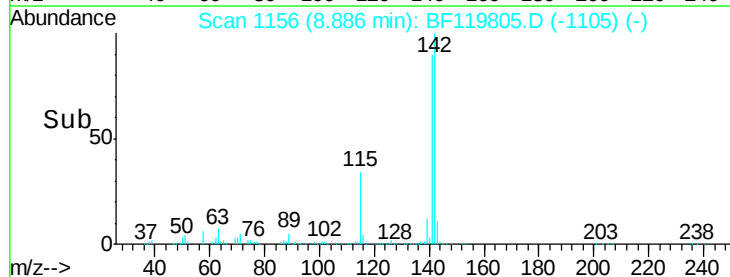
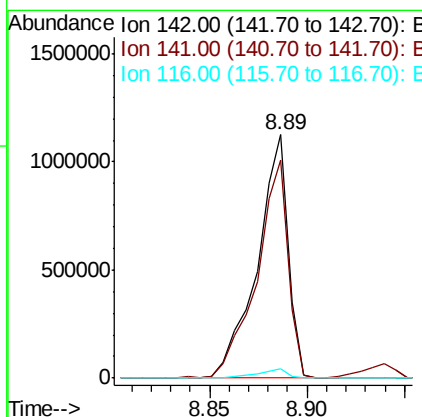
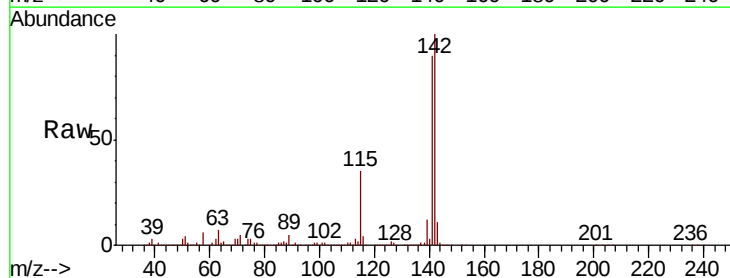
Manual Integrations
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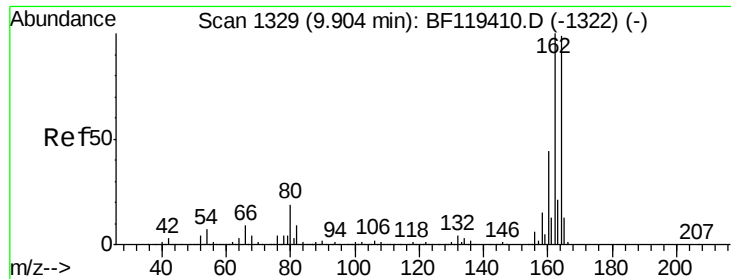
mohammad
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#38
1-Methylnaphthalene
Concen: 52.958 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion:142 Resp: 1233122
Ion Ratio Lower Upper
142 100
141 89.7 73.7 110.5
116 3.6 3.0 4.6





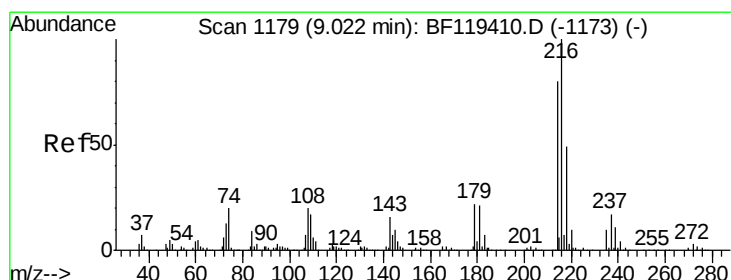
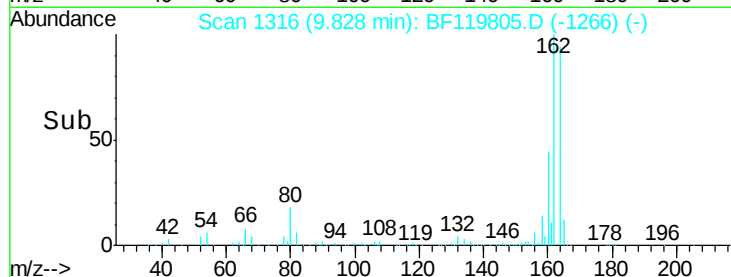
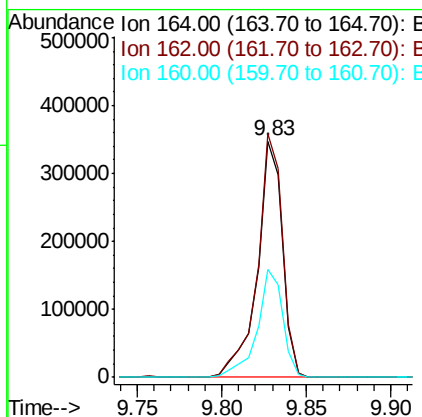
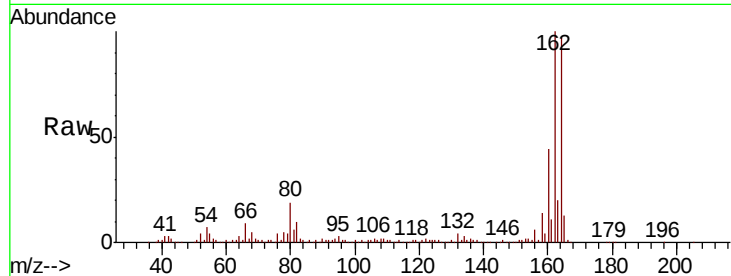
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.2	80.6	121.0	
160	45.5	35.7	53.5	

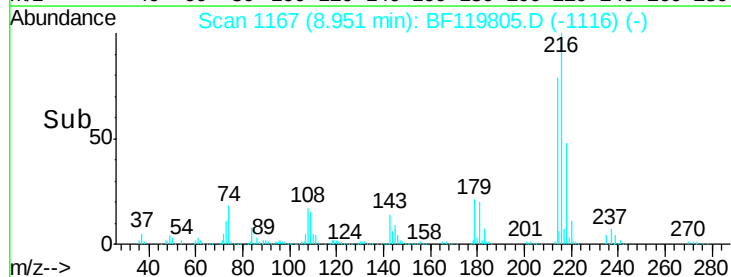
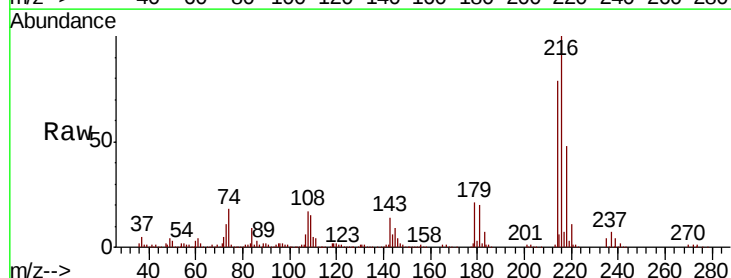
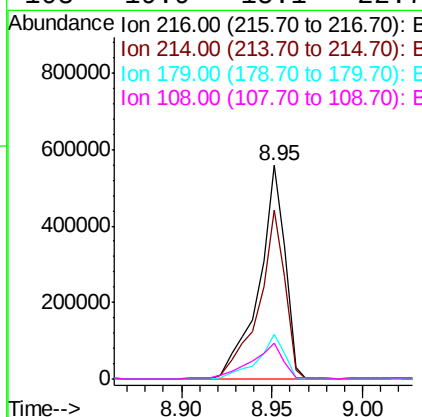
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.145 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.2	94.8	
179	21.4	17.1	25.7	
108	19.9	15.1	22.7	





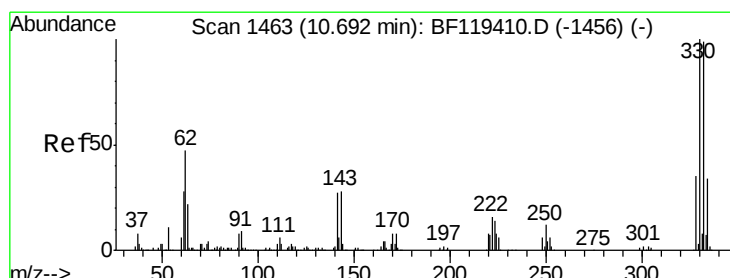
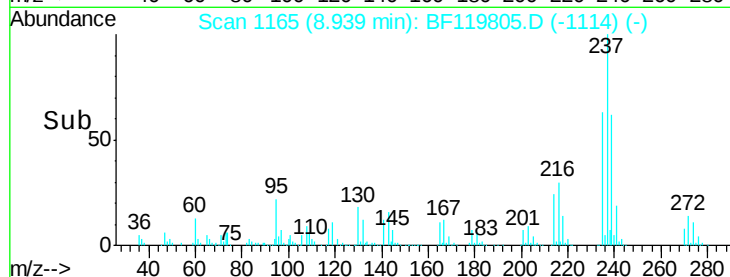
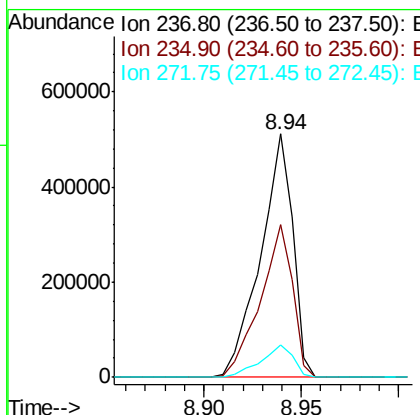
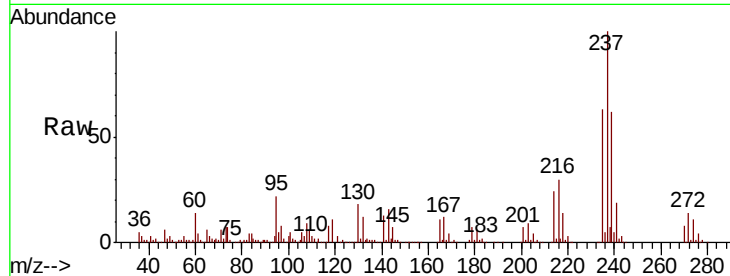
#41
Hexachlorocyclopentadiene
Concen: 97.434 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion:	237	Resp:	585094
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	13.5	0.0	34.1

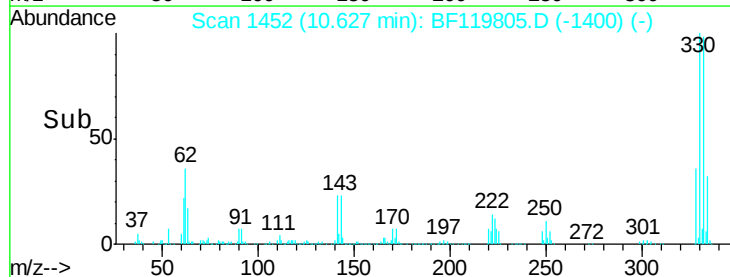
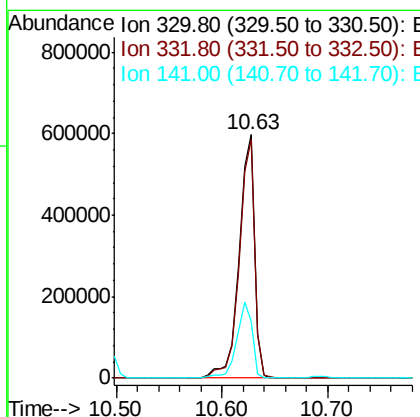
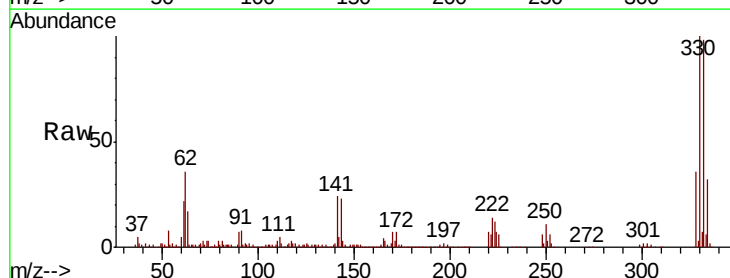
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 159.426 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion:	330	Resp:	592713
Ion Ratio	Lower	Upper	
330	100		
332	97.0	75.7	113.5
141	30.9	25.4	38.0





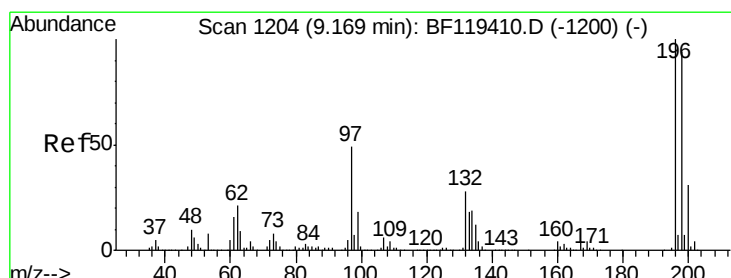
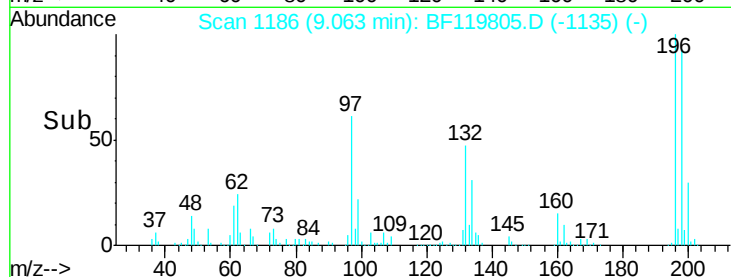
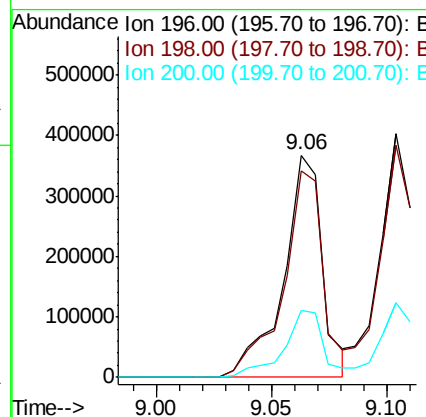
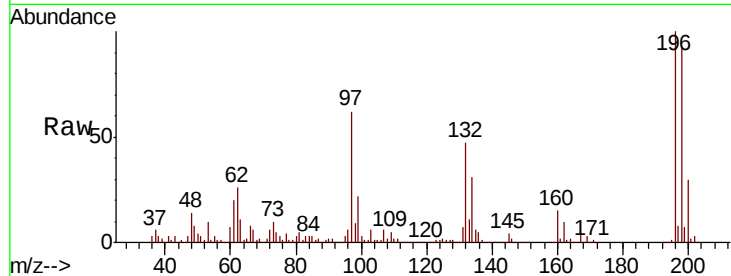
#43
 2,4,6-Trichlorophenol
 Concen: 56.812 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	429433		
198	93.2	76.6	115.0	
200	30.0	24.6	36.8	

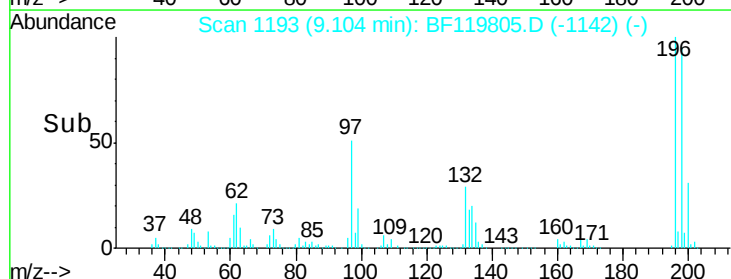
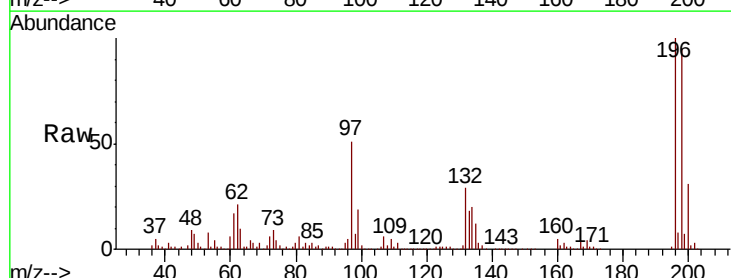
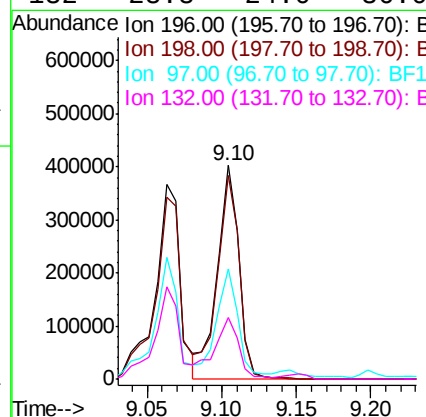
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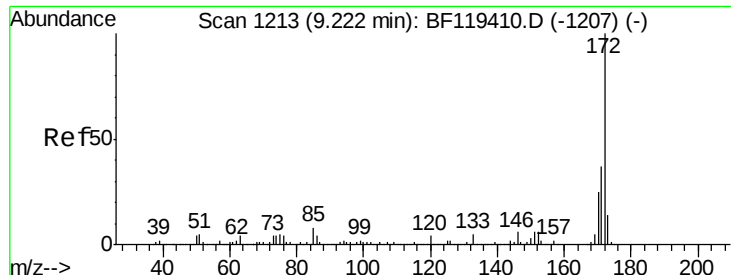
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#44
 2,4,5-Trichlorophenol
 Concen: 48.114 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	407417		
198	95.1	73.8	110.8	
97	51.5	42.6	63.8	
132	28.8	24.0	36.0	





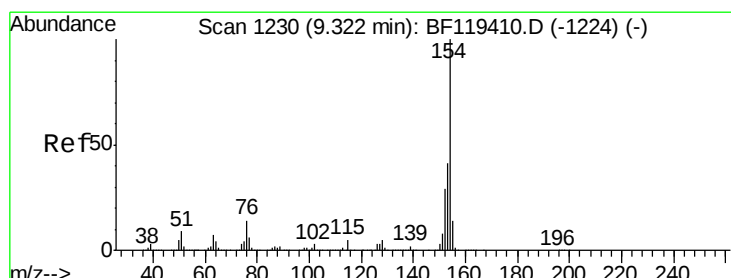
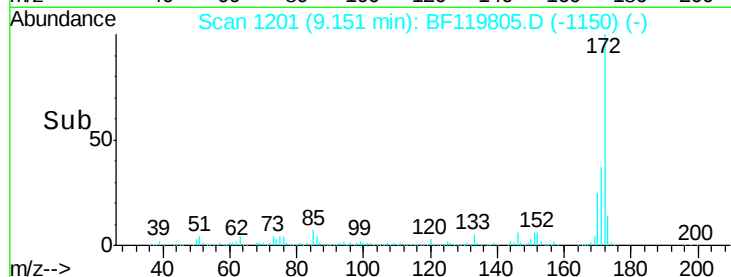
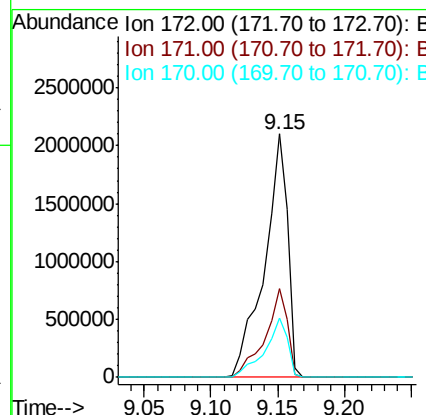
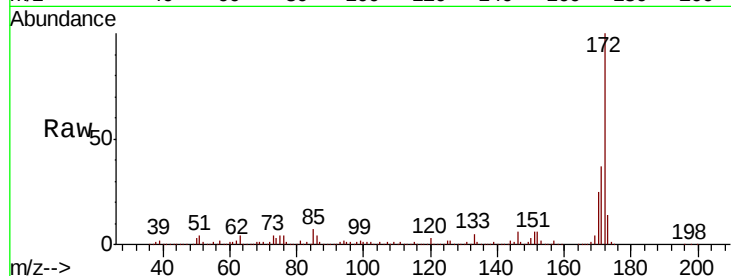
#45
 2-Fluorobiphenyl
 Concen: 103.872 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.5	20.2	30.2

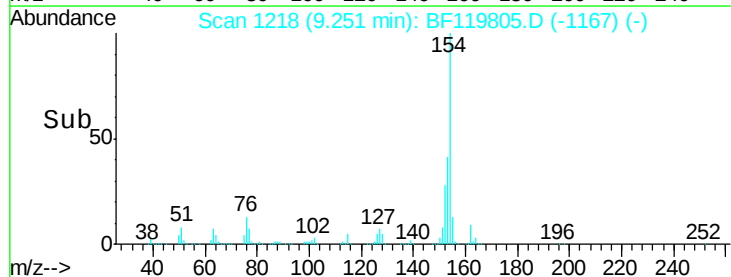
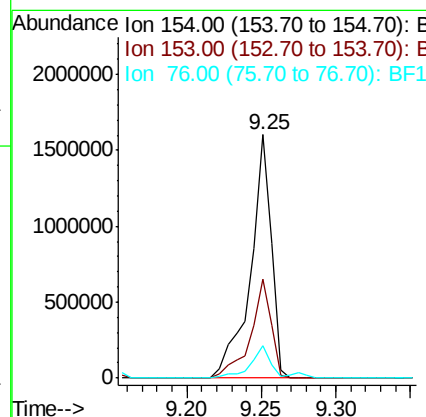
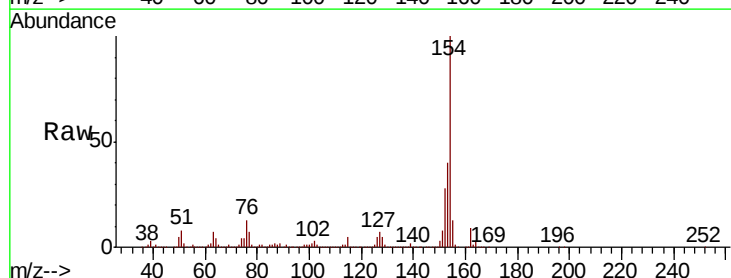
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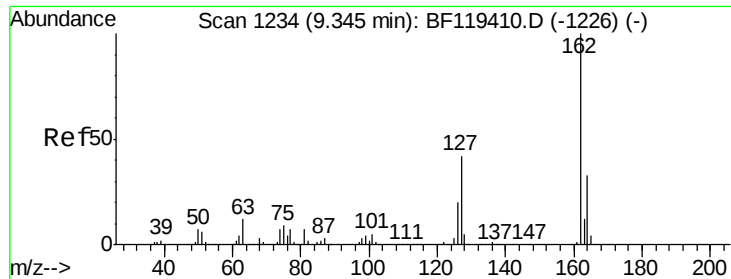
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#46
 1,1'-Biphenyl
 Concen: 52.365 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.4	61.4
76	13.2	0.0	33.0





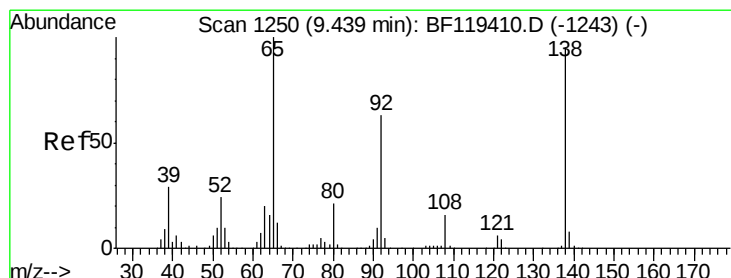
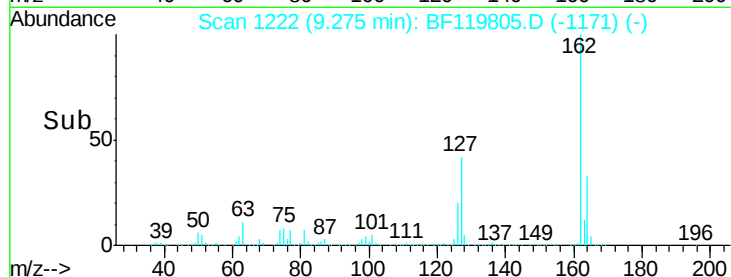
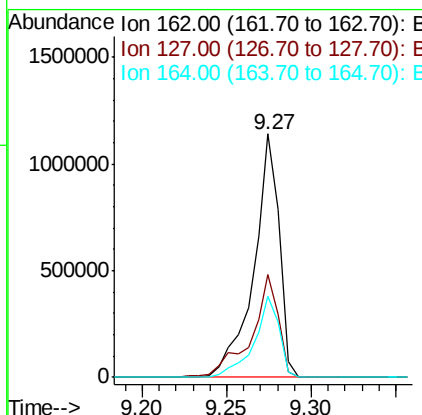
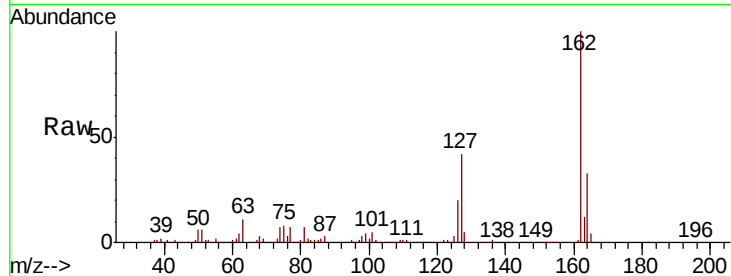
#47
 2-Chloronaphthalene
 Concen: 51.968 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	33.7	50.5
164	33.2	26.3	39.5

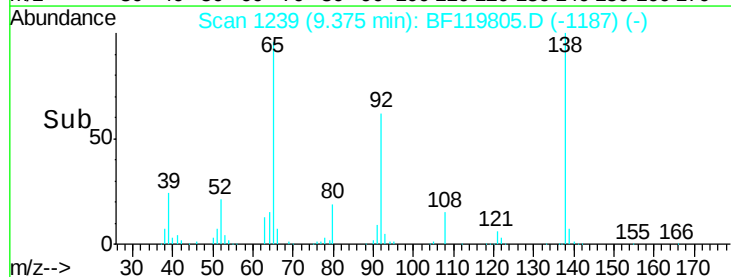
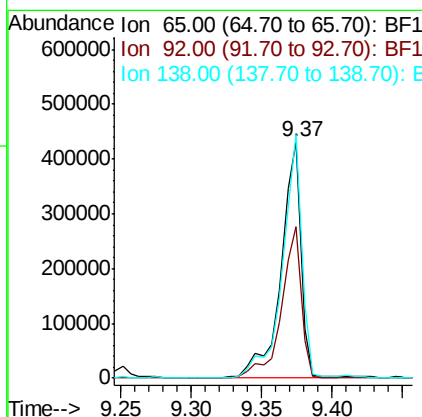
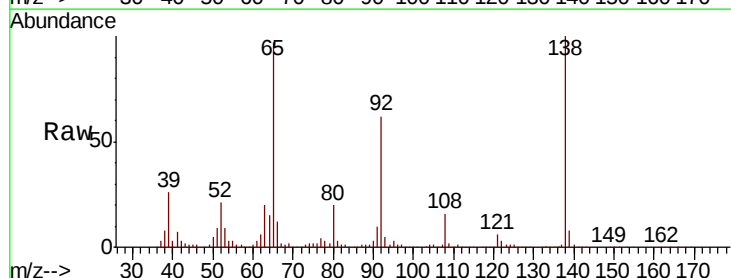
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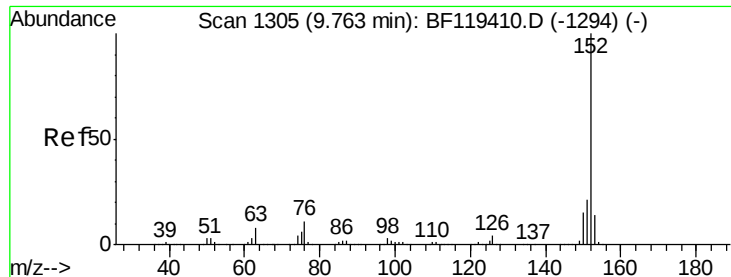
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#48
 2-Nitroaniline
 Concen: 53.569 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	50.0	75.0
138	103.1	75.0	112.4





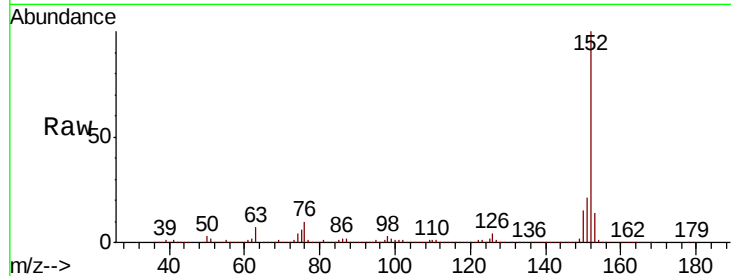
#49
Acenaphthylene
Concen: 50.976 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

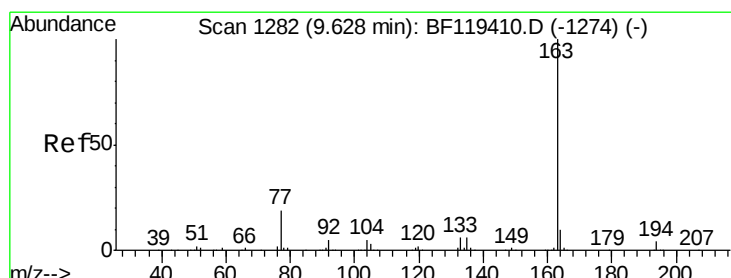
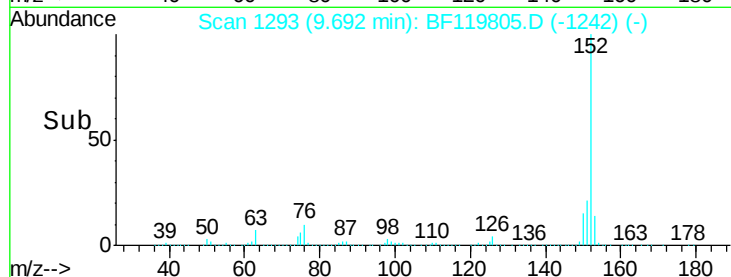
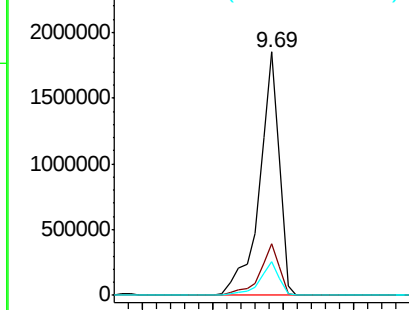
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	13.7	11.2	16.8

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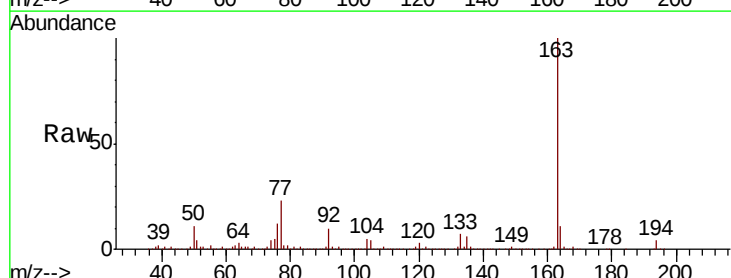


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

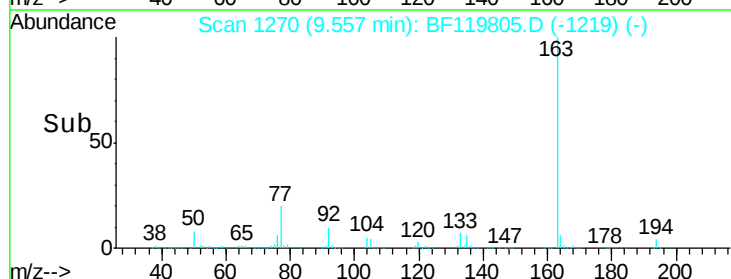
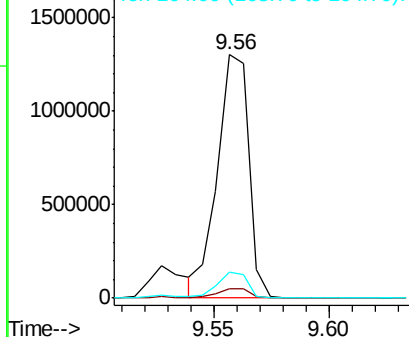


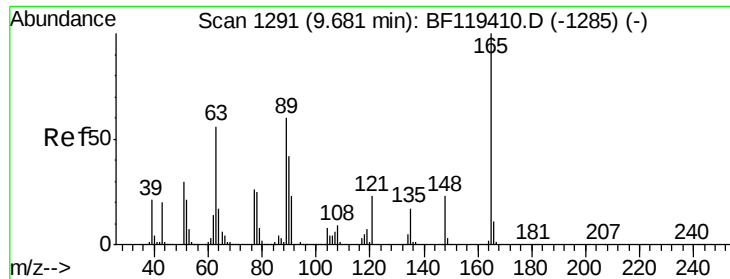
#50
Dimethylphthalate
Concen: 47.852 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.6	8.2	12.2



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





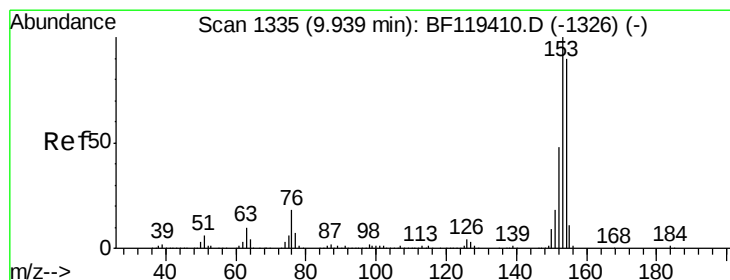
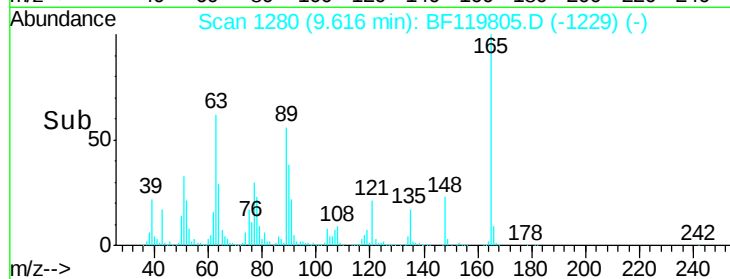
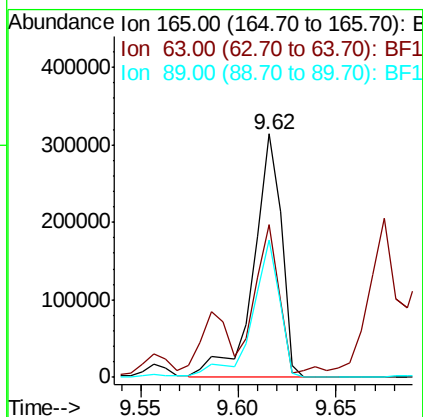
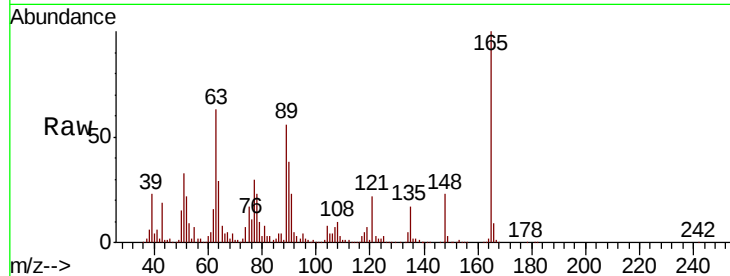
#51
 2,6-Dinitrotoluene
 Concen: 56.461 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	309778		
63	62.6	45.0	67.4	
89	56.3	41.5	62.3	

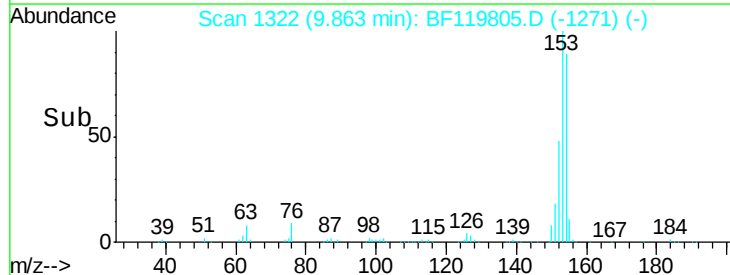
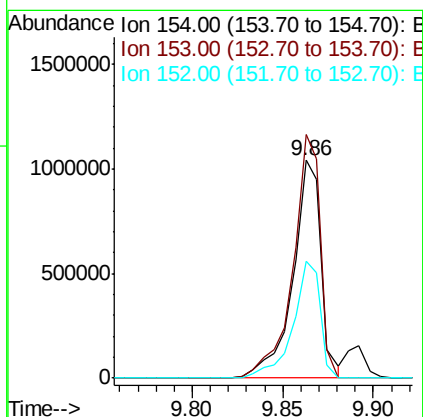
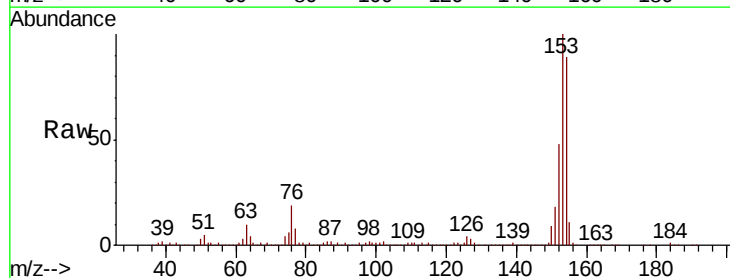
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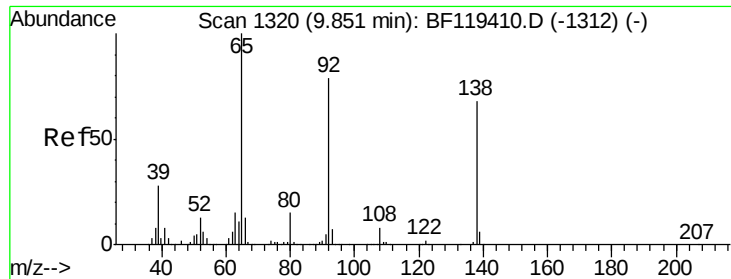
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#52
 Acenaphthene
 Concen: 50.555 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1137856		
153	111.8	88.1	132.1	
152	53.4	43.0	64.4	





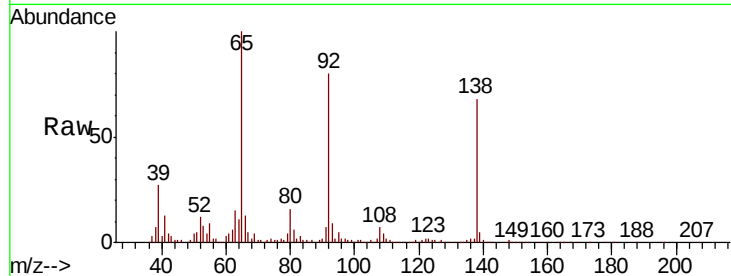
#53
3-Nitroaniline
Concen: 21.516 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

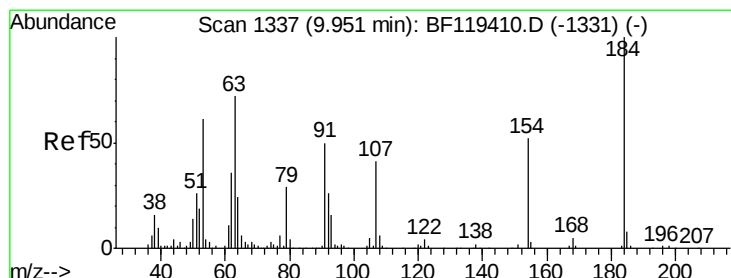
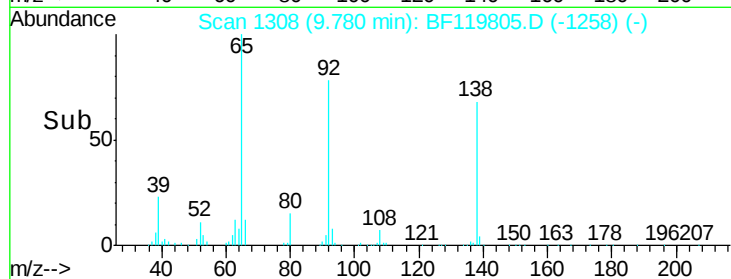
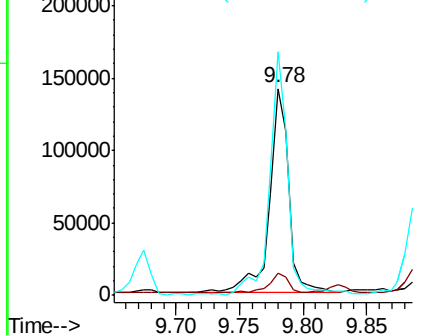
Tot Ion	Ratio	Resp	Lower	Upper
138	100	149035		
108	10.9	8.6	13.0	
92	117.9	95.4	143.0	

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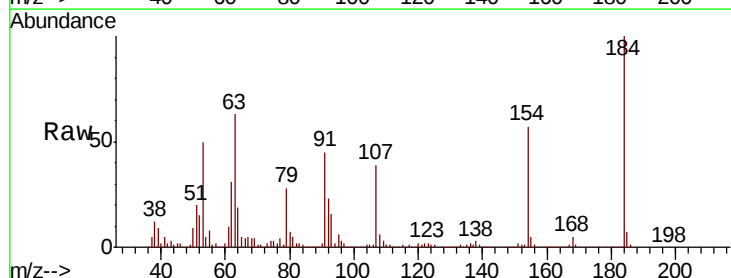


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

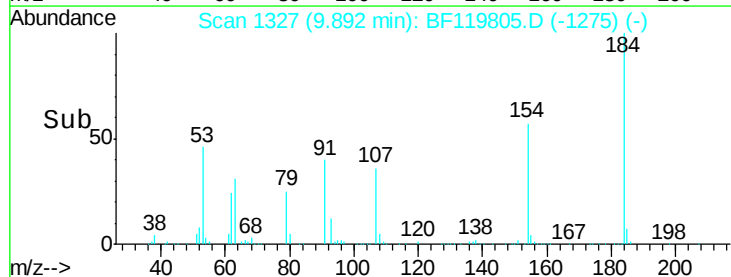
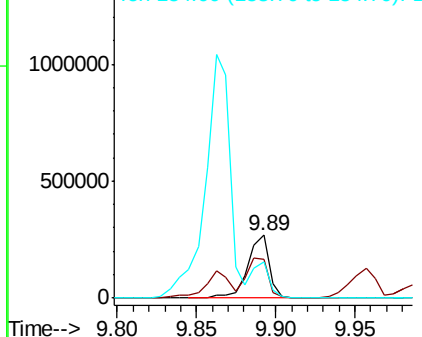


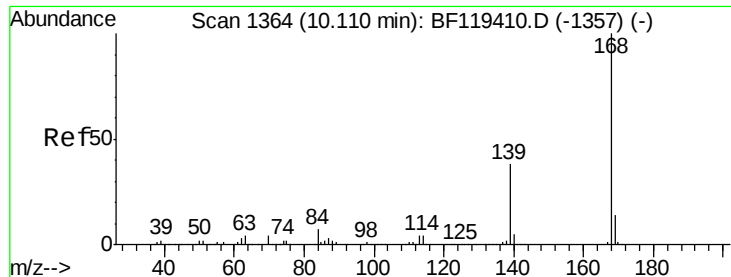
#54
2,4-Dinitrophenol
Concen: 104.124 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	252926		
63	62.7	50.2	75.4	
154	57.3	44.5	66.7	



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





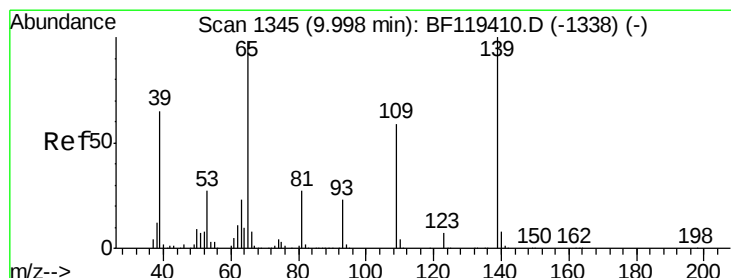
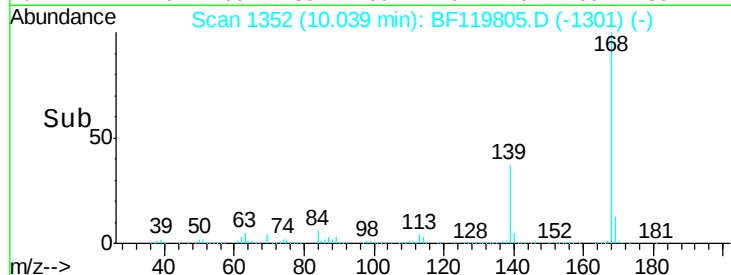
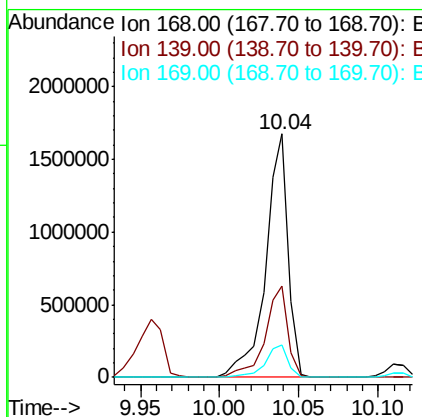
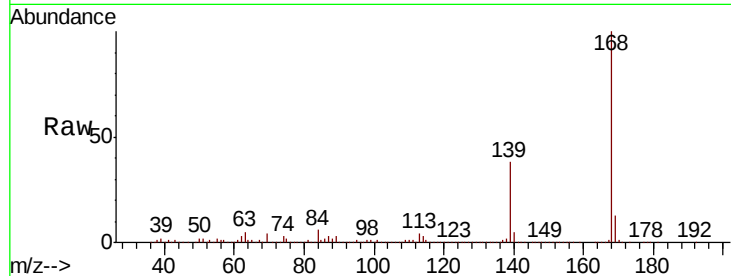
#55
Dibenzofuran
Concen: 51.250 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	13.5	11.0	16.6

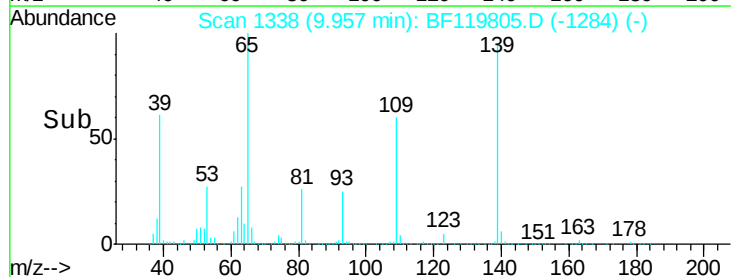
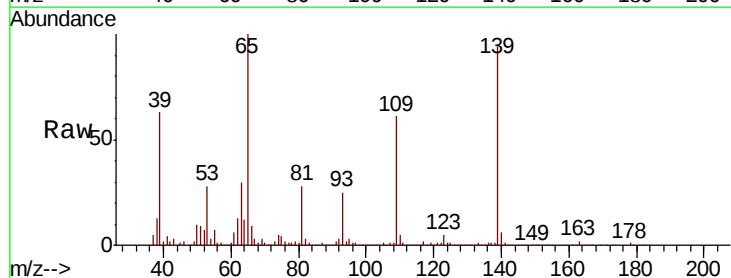
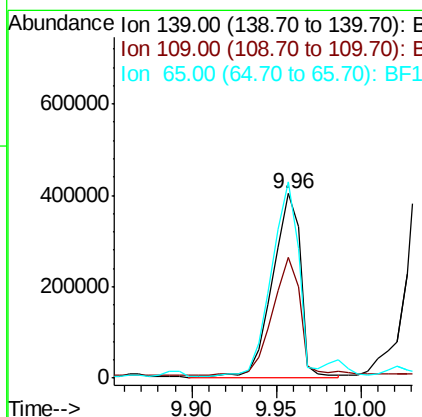
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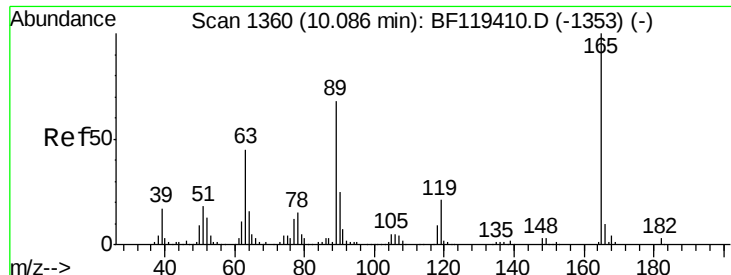
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#56
4-Nitrophenol
Concen: 84.224 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.3	43.3	83.3
65	106.5	91.0	131.0





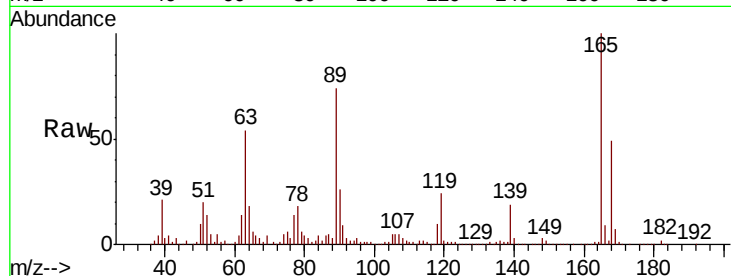
#57
2,4-Dinitrotoluene
Concen: 58.644 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampled :
T-1MSD

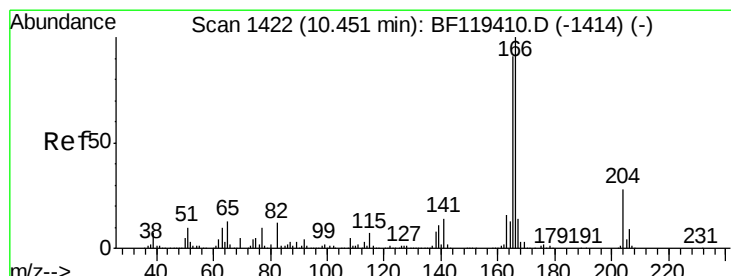
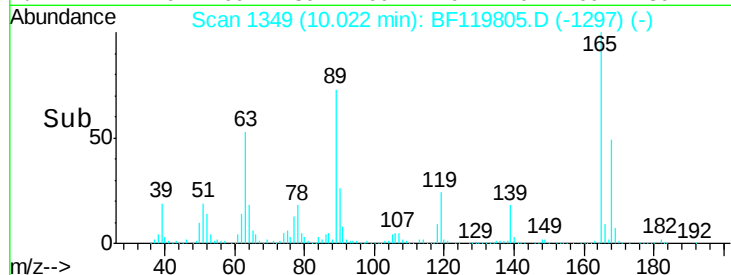
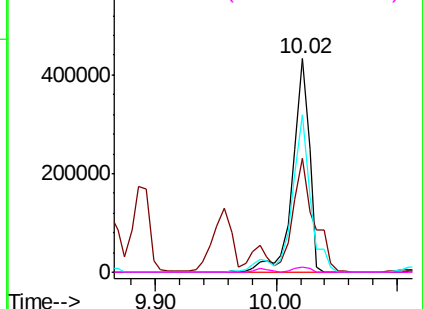
Tot Ion	Ratio	Resp	Lower	Upper
165	100	405329		
63	53.6	42.6	64.0	
89	73.5	61.0	91.4	
182	2.3	2.2	3.2	

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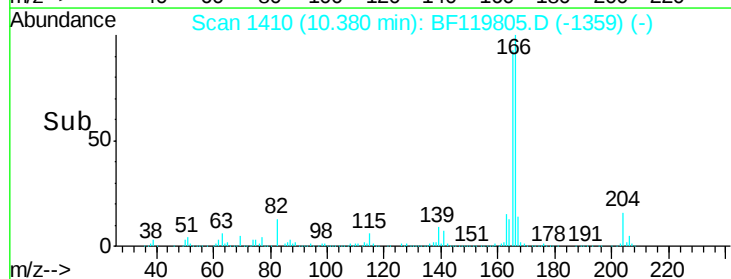
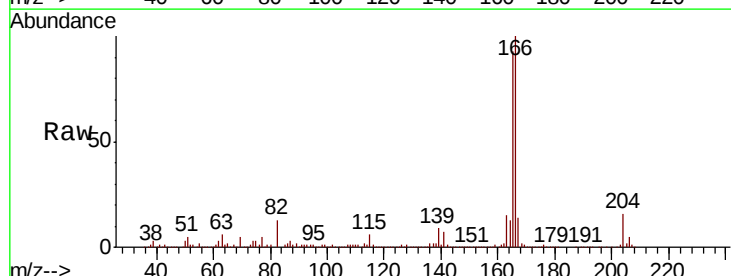
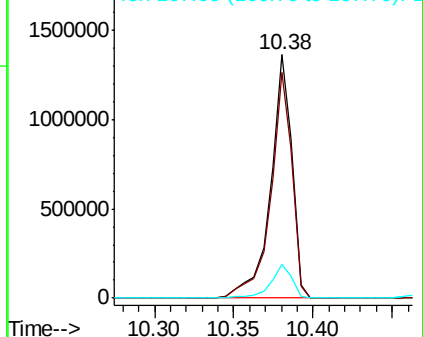
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

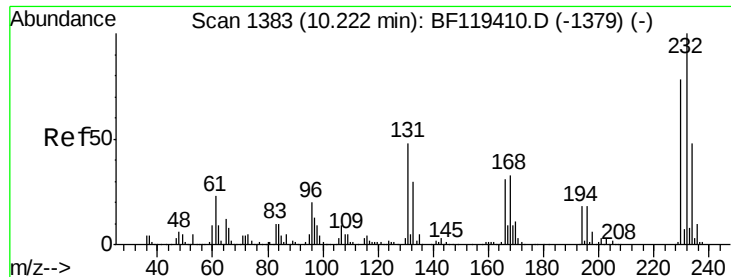


#58
Fluorene
Concen: 53.516 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1277065		
165	92.8	75.4	113.2	
167	13.7	11.2	16.8	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





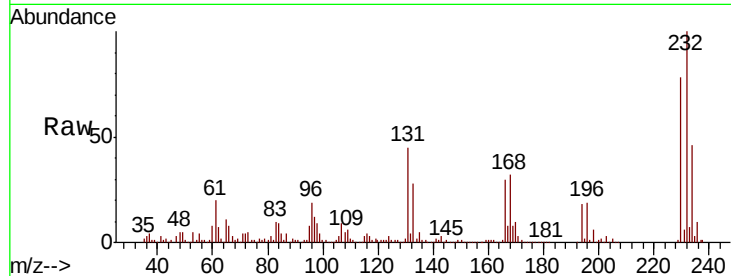
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.126 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

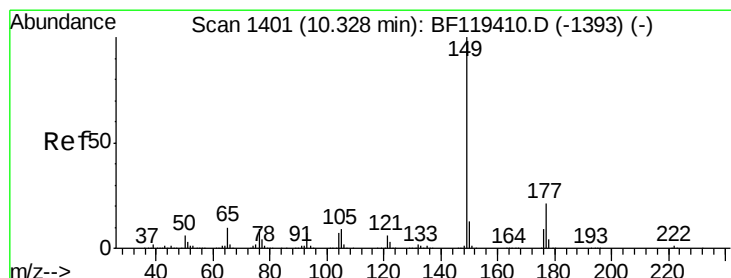
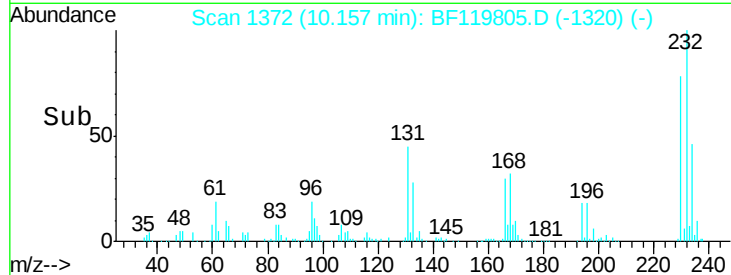
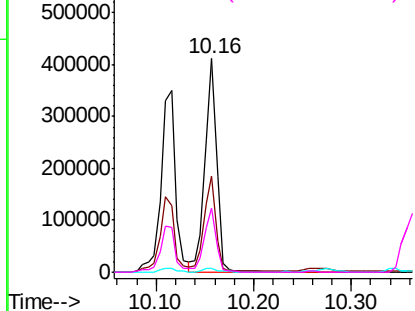
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.0	37.5	56.3
130	2.4	1.8	2.6
166	30.0	24.6	36.8

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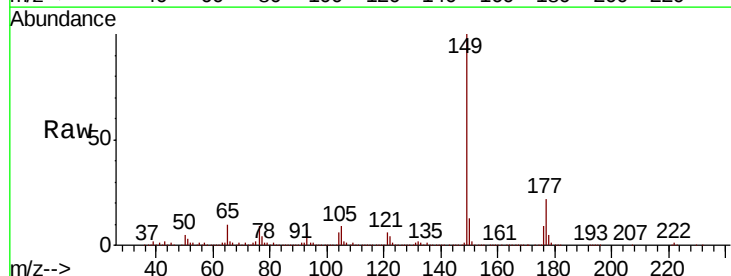


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

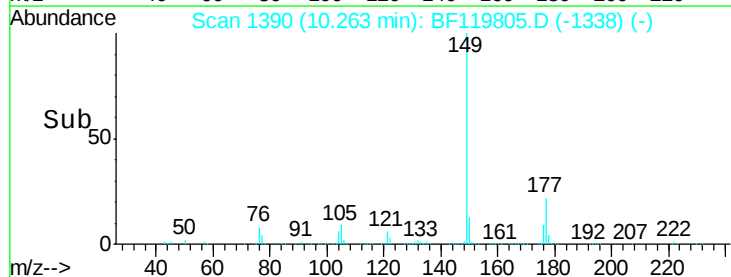
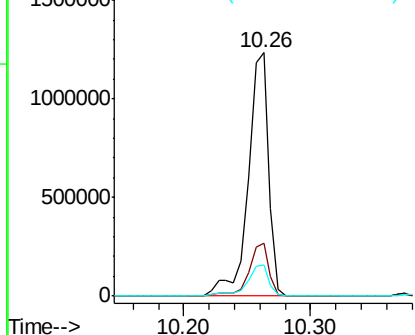


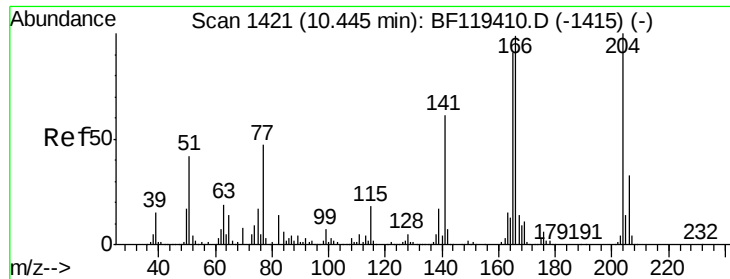
#60
Diethylphthalate
Concen: 53.296 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.0	25.6
150	12.7	10.1	15.1



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





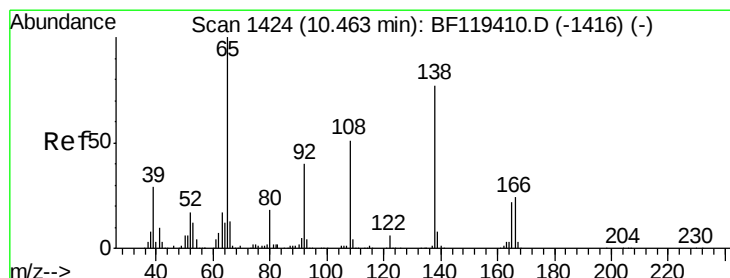
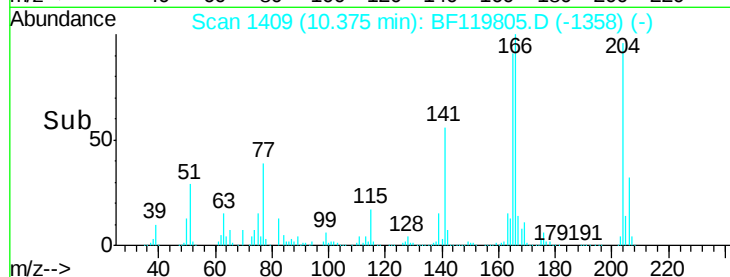
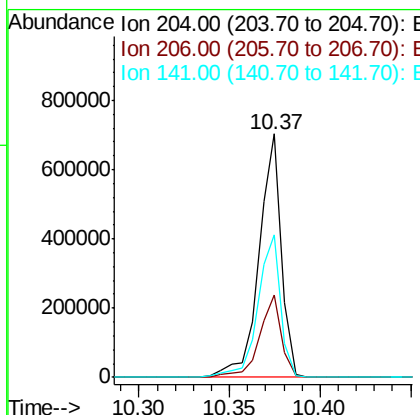
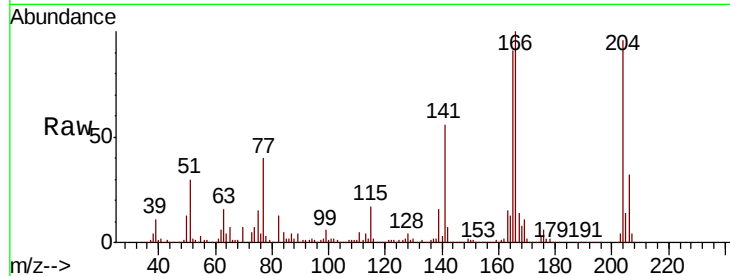
#61
4-Chlorophenyl-phenylether
Concen: 51.402 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampled :
T-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	599835		
206	33.6	26.7	40.1	
141	58.3	47.3	70.9	

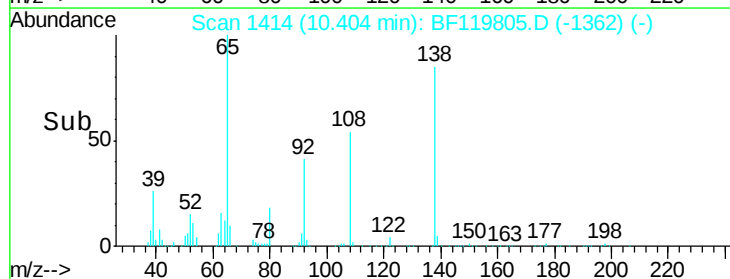
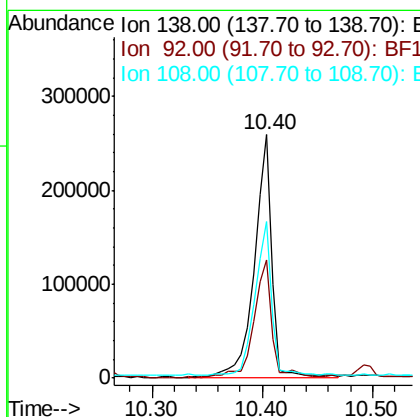
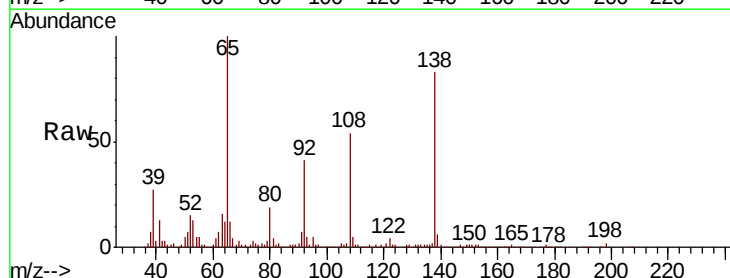
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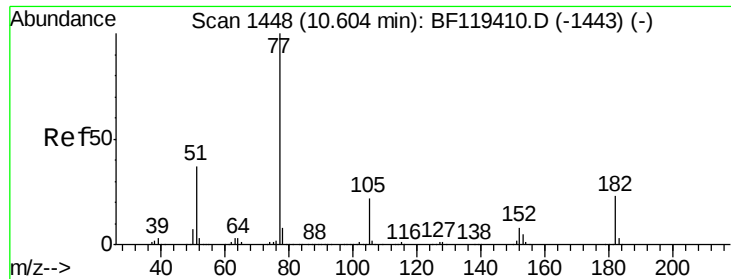
mohammad
4/8/2020 8:12:36 AM



#62
4-Nitroaniline
Concen: 42.940 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	285219		
92	48.7	31.5	71.5	
108	64.6	45.8	85.8	





#63

Azobenzene

Concen: 49.233 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion: 77 Resp: 1288033

Ion Ratio Lower Upper

77 100

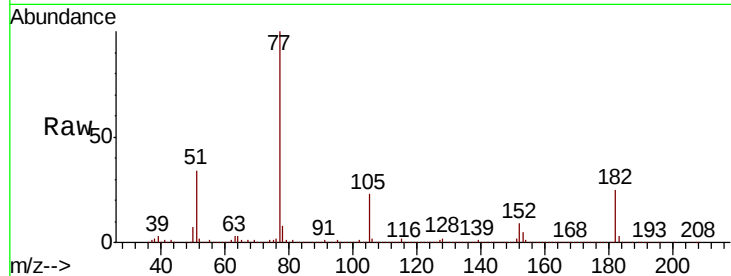
182 24.6 4.4 44.4

105 23.1 2.6 42.6

51 33.8 15.1 55.1

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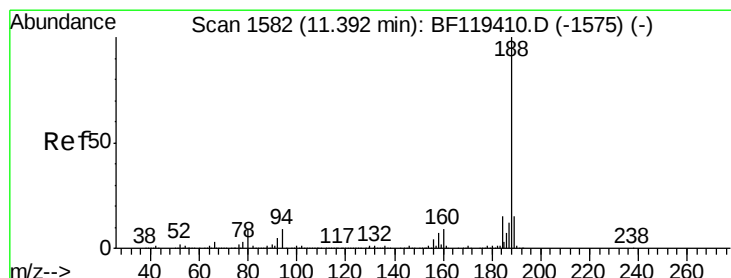
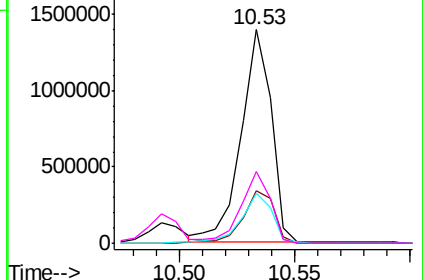
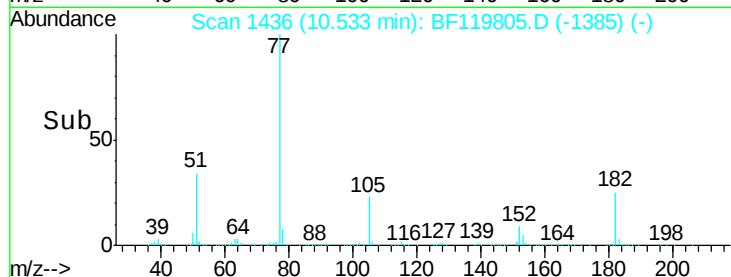


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

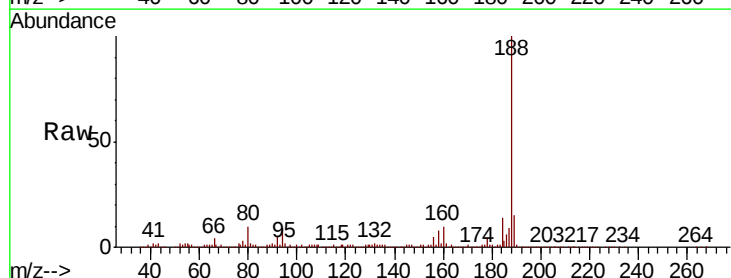
Tgt Ion: 188 Resp: 661871

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

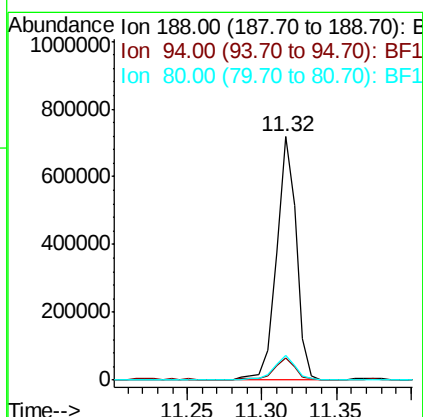
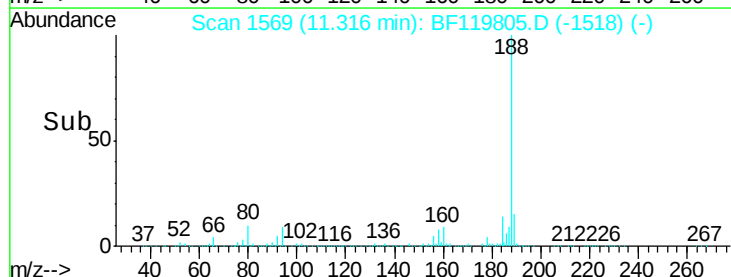
80 10.0 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 66.951 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

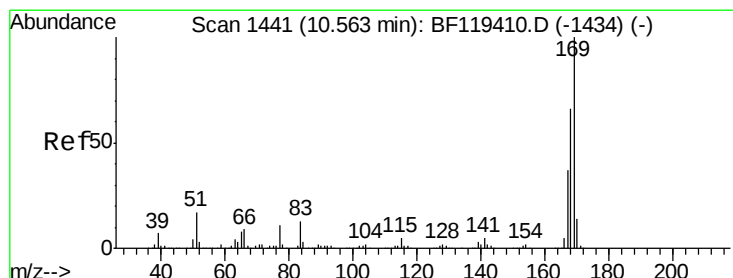
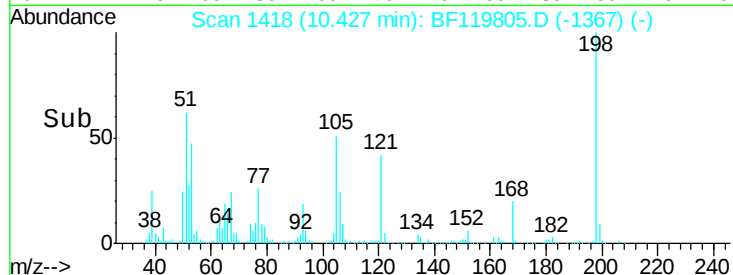
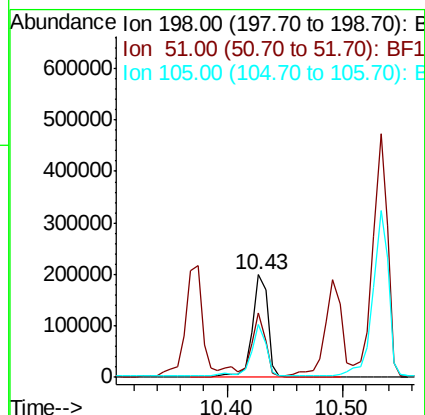
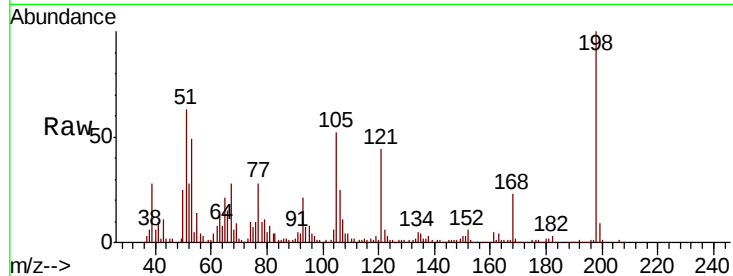
ClientSampled :

T-1MSD

Tot Ion:	198	Resp:	185815
Ion Ratio	Lower	Upper	
198	100		
51	62.6	29.0	69.0
105	52.0	22.2	62.2

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#66

n-Nitrosodiphenylamine

Concen: 53.416 ng

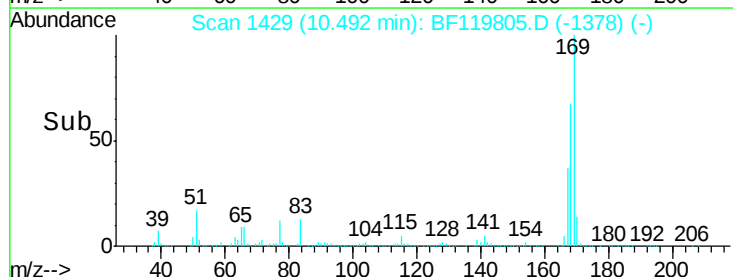
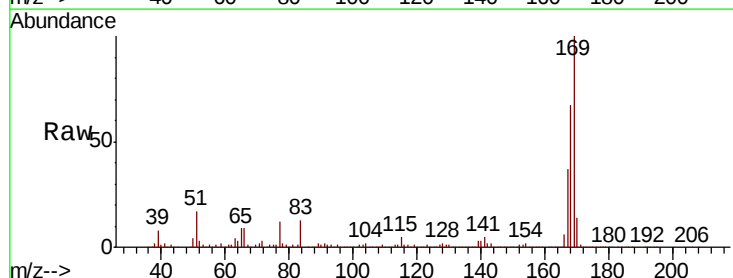
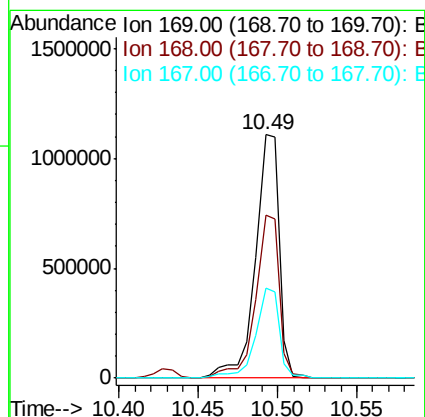
RT: 10.49 min Scan# 1429

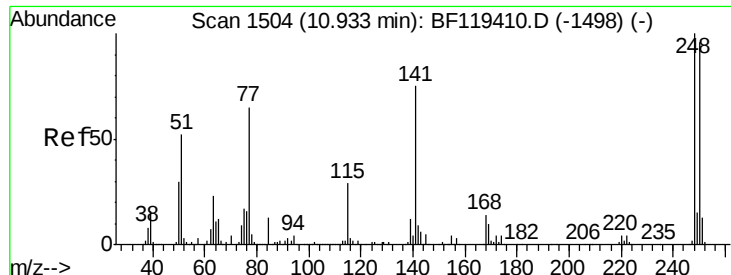
Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Tgt Ion:	169	Resp:	1160628
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.2	79.8
167	36.7	29.1	43.7





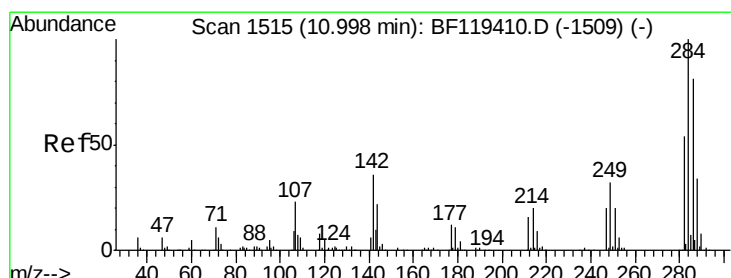
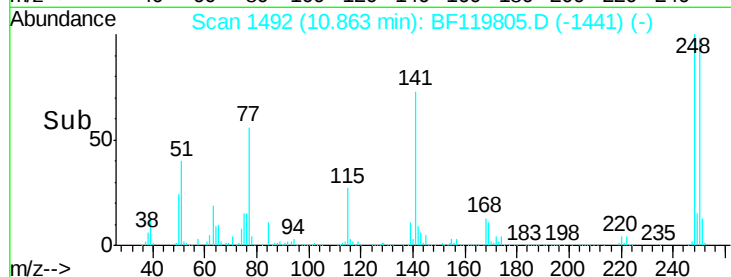
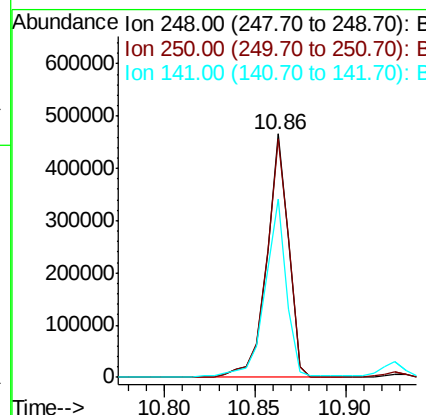
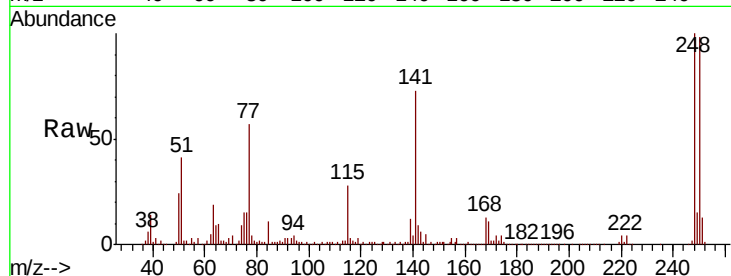
#67
 4-Bromophenyl-phenylether
 Concen: 51.577 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampled :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.3	115.9
141	73.2	58.6	87.8

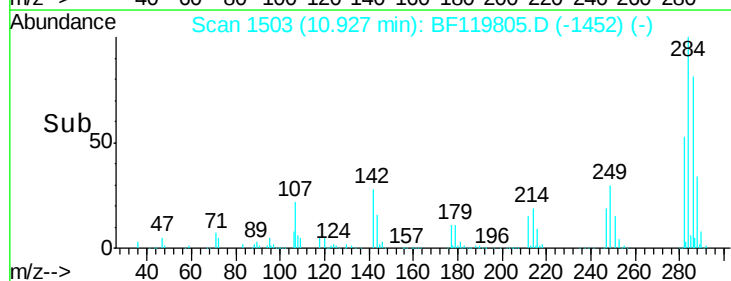
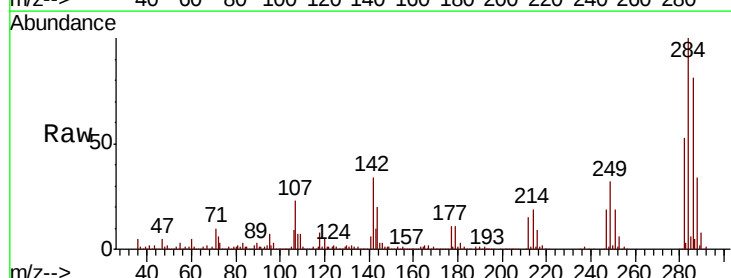
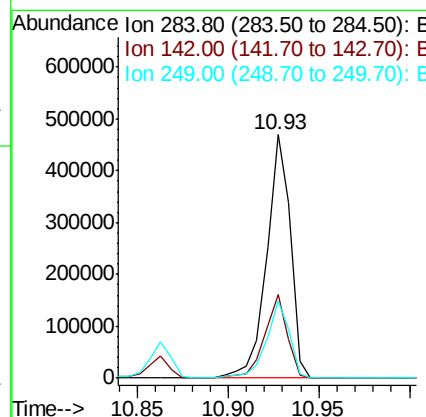
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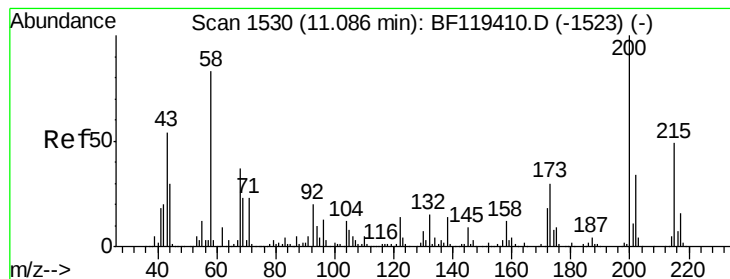
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#68
 Hexachlorobenzene
 Concen: 55.558 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.00 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	29.2	43.8
249	31.9	25.1	37.7





#69

Atrazine

Concen: 53.866 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

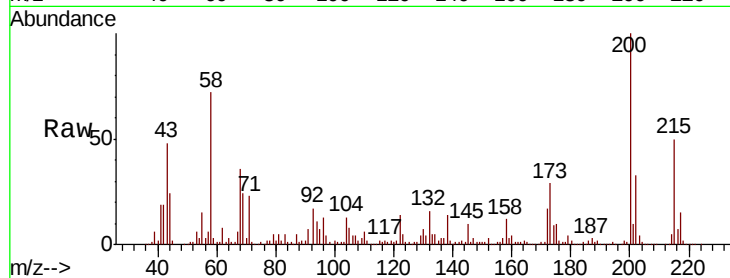
ClientSampled :

T-1MSD

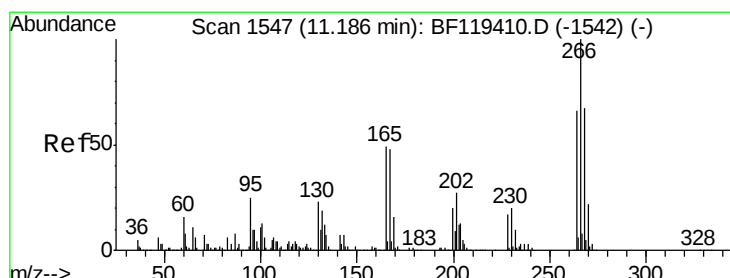
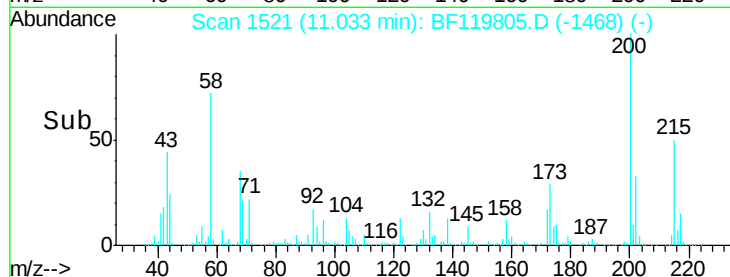
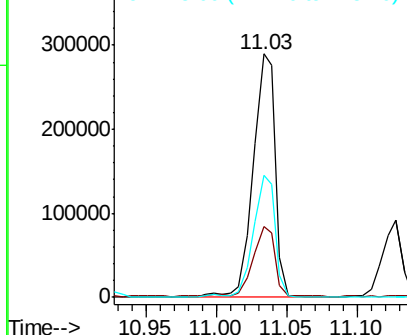
Tot Ion:	200	Resp:	320870
Ion Ratio	Lower	Upper	
200	100		
173	29.0	9.3	49.3
215	50.0	29.5	69.5

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



#70

Pentachlorophenol

Concen: 106.684 ng

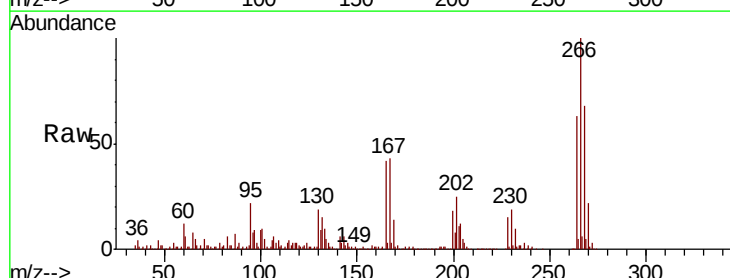
RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

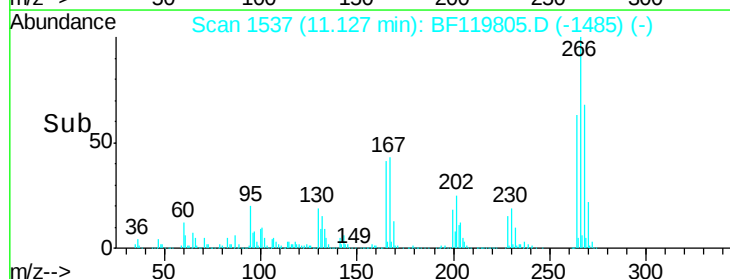
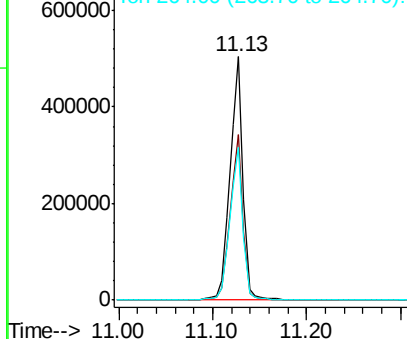
Lab File: BF119805.D

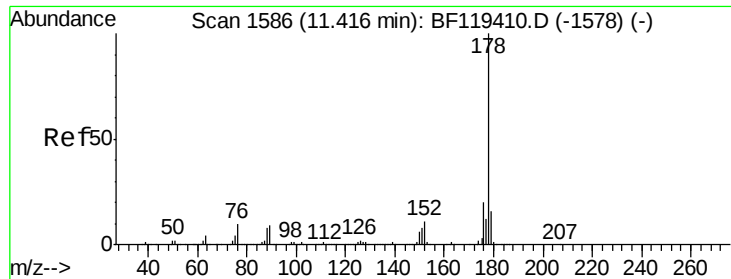
Acq: 7 Apr 2020 7:10

Tgt Ion:	266	Resp:	482598
Ion Ratio	Lower	Upper	
266	100		
268	67.7	53.3	79.9
264	62.6	49.0	73.4



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





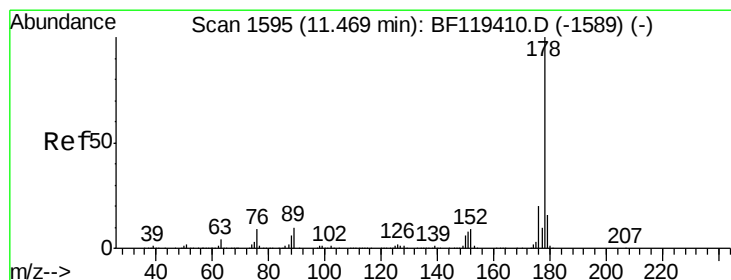
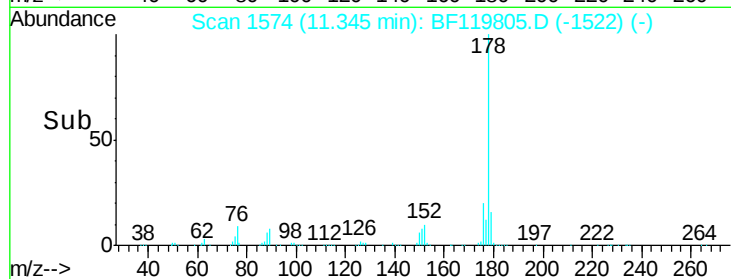
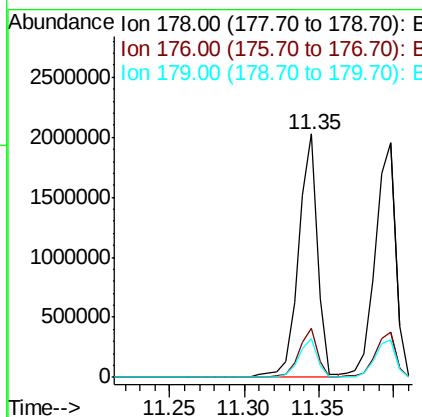
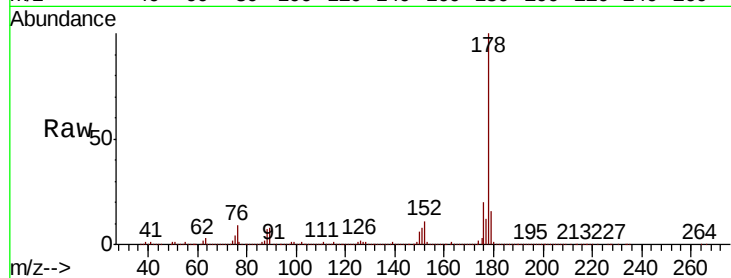
#71
Phenanthrene
Concen: 52.294 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampled :
T-1MSD

Tot Ion:178 Resp: 1794712
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 13.2 19.8

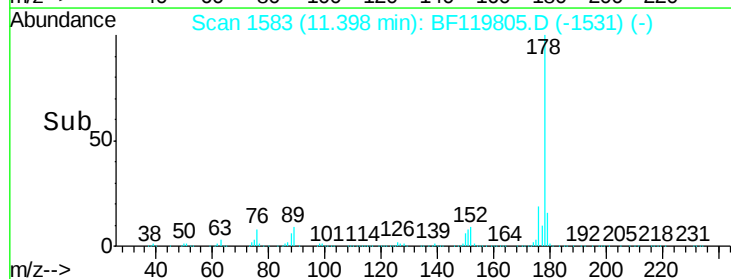
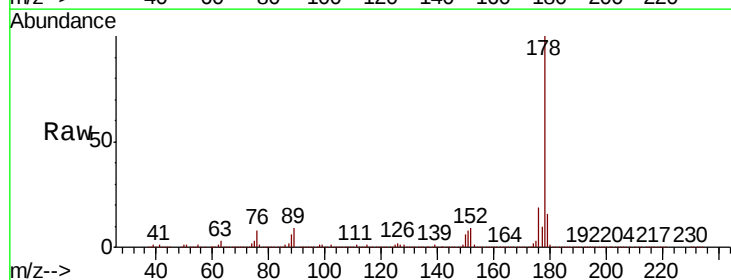
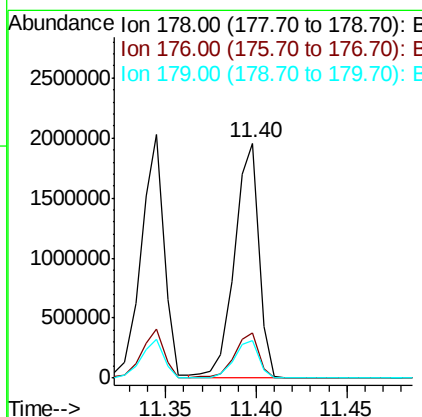
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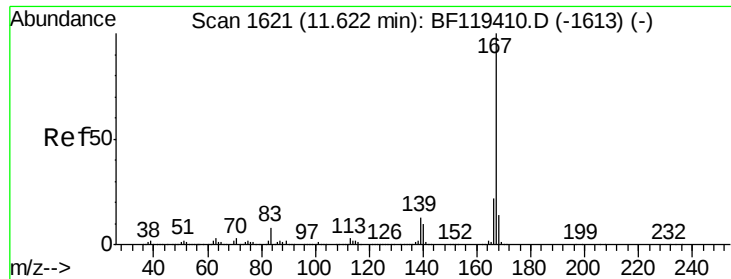
mohammad
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#72
Anthracene
Concen: 52.531 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion:178 Resp: 1832298
Ion Ratio Lower Upper
178 100
176 19.5 16.1 24.1
179 16.1 13.0 19.4





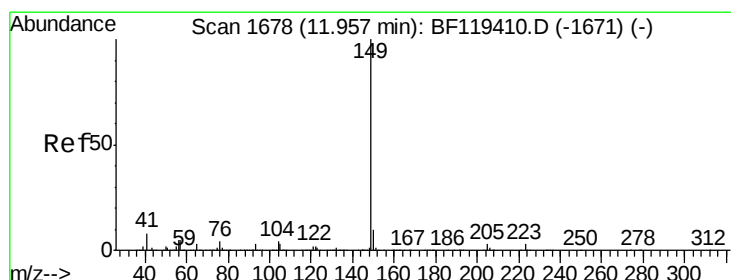
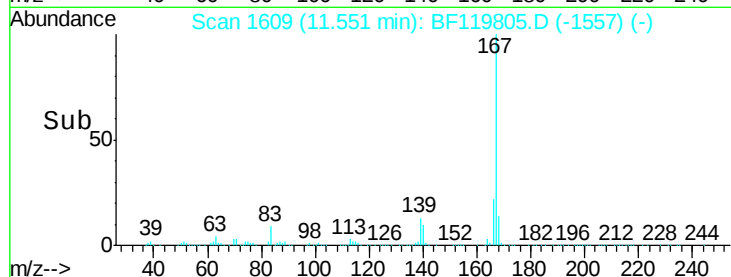
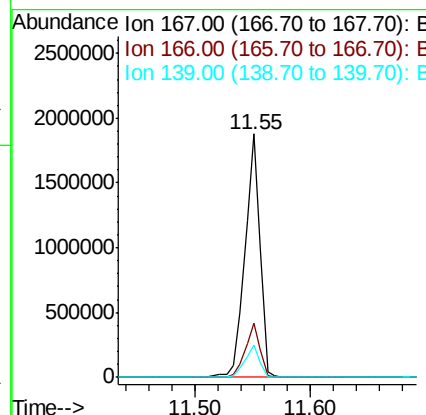
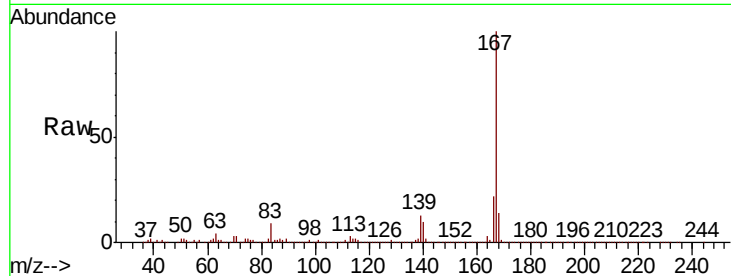
#73
 Carbazole
 Concen: 48.883 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Instrument :
 BNA_F
 ClientSampleId :
 T-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	13.5	10.7	16.1

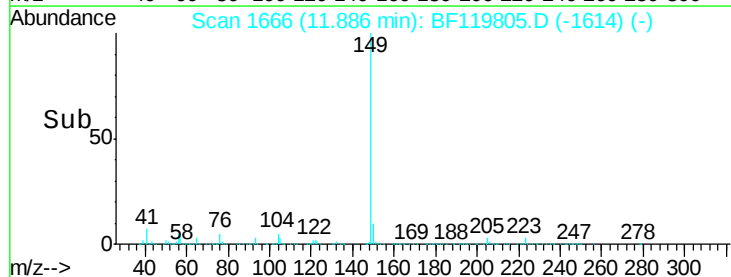
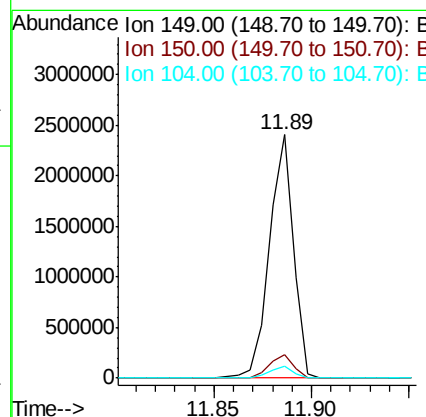
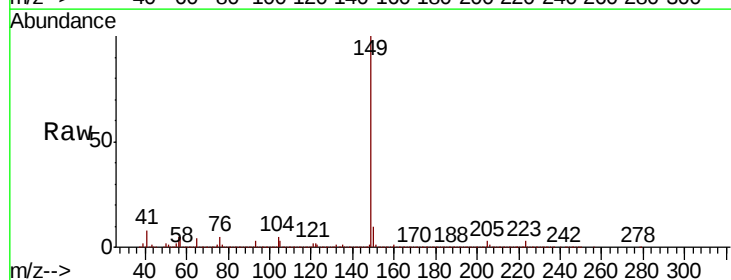
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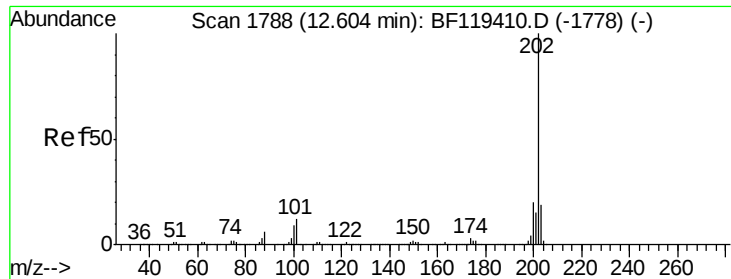
mohammad
 4/8/2020 8:12:36 AM



#74
 Di-n-butylphthalate
 Concen: 55.514 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BF119805.D
 Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.7	3.6	5.4





#75

Fluoranthene

Concen: 51.512 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

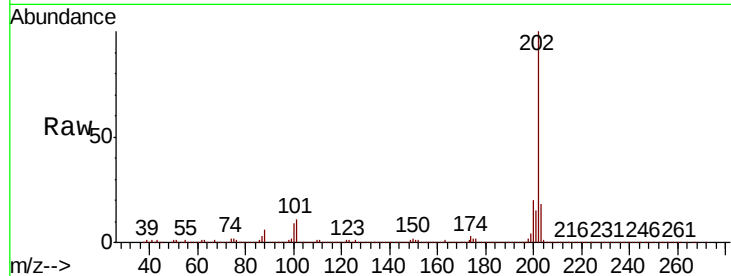
ClientSampled :

T-1MSD

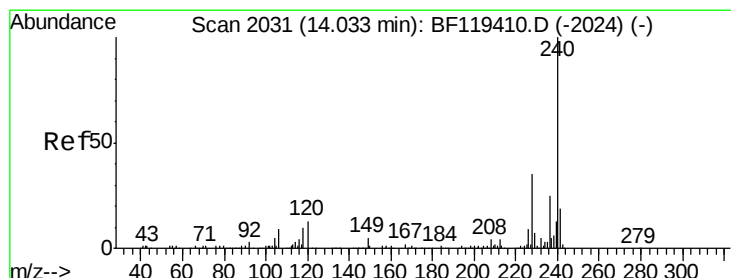
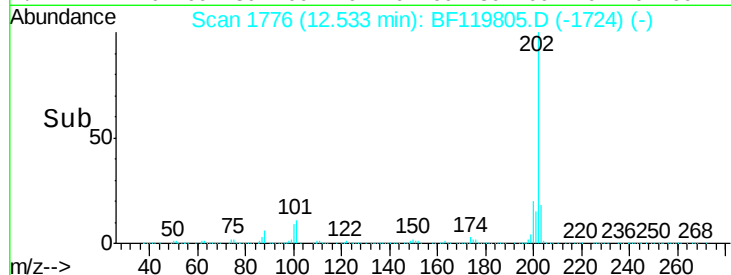
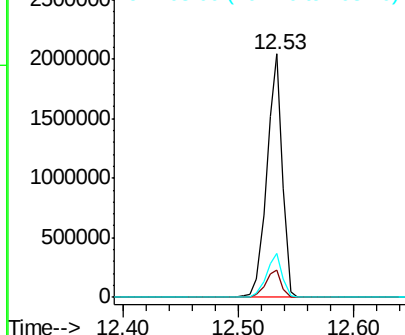
Tot Ion:	202	Resp:	1913274
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.2
203	18.2	0.0	38.8

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

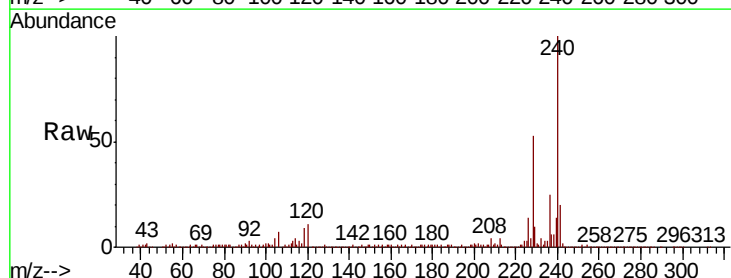
RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

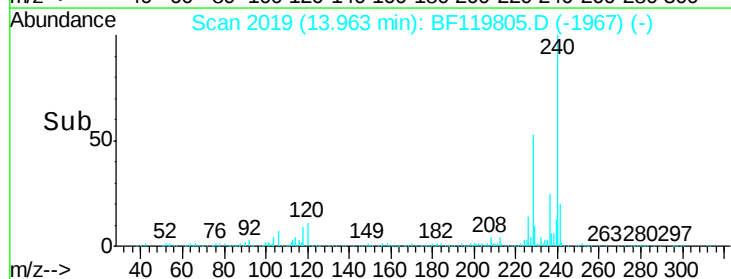
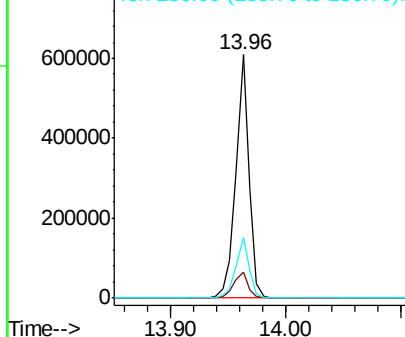
Lab File: BF119805.D

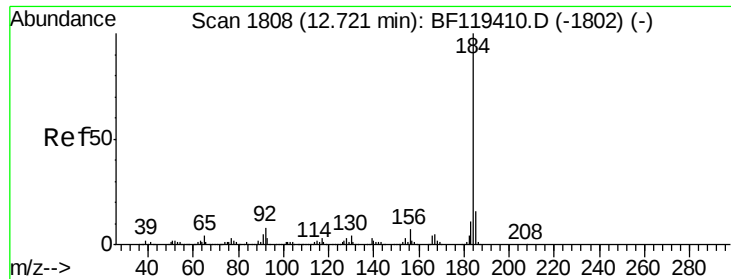
Acq: 7 Apr 2020 7:10

Tgt Ion:	240	Resp:	477233
Ion	Ratio	Lower	Upper
240	100		
120	10.8	10.6	15.8
236	25.0	20.2	30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.046 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.04 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

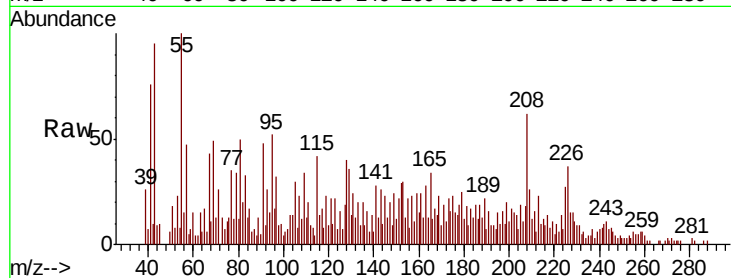
ClientSampled :

T-1MSD

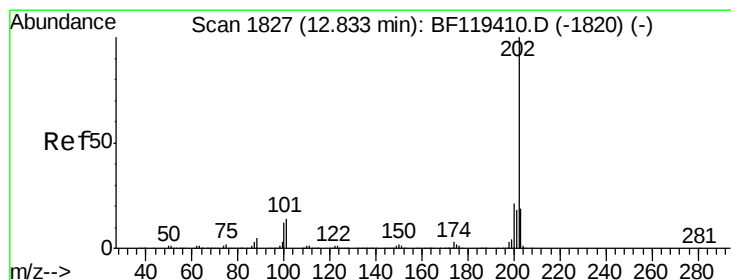
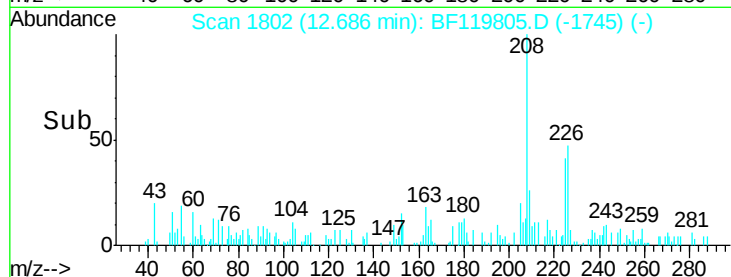
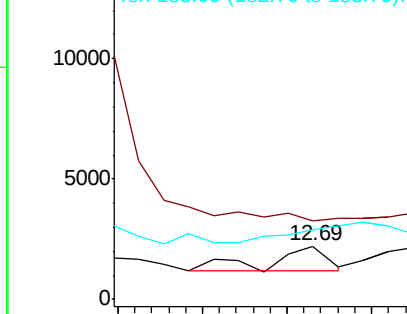
Tot Ion:	184	Resp:	934
Ion Ratio	Lower	Upper	
184	100		
185	147.5	12.3	18.5#
183	129.8	9.0	13.6#

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



#78

Pyrene

Concen: 48.769 ng

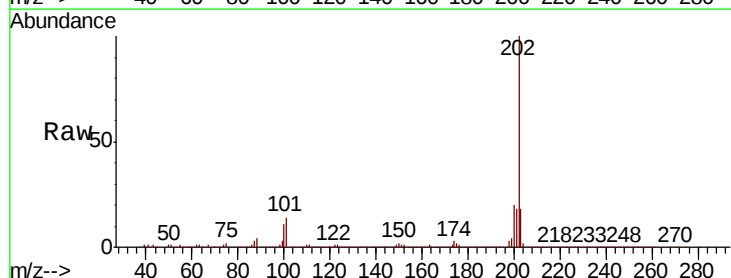
RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

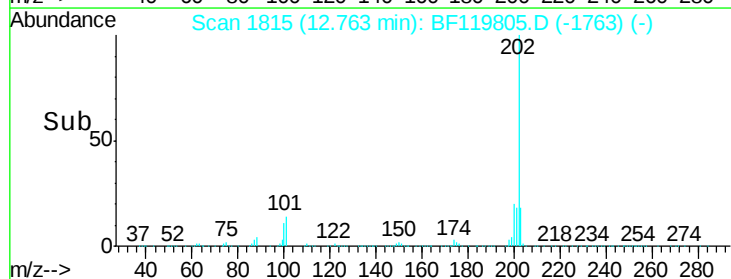
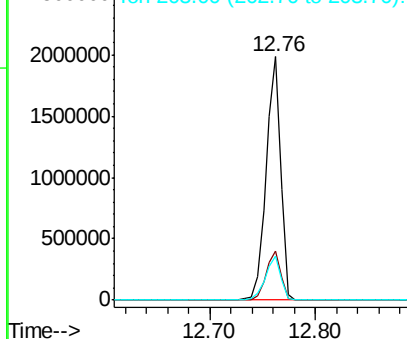
Lab File: BF119805.D

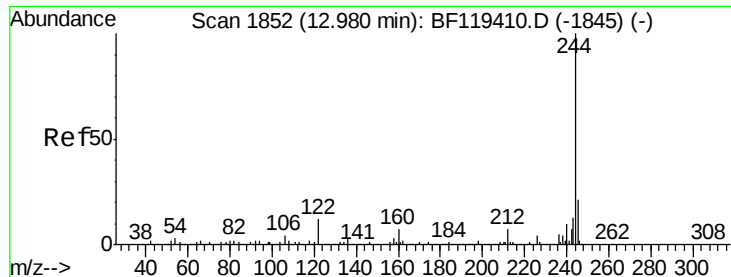
Acq: 7 Apr 2020 7:10

Tgt Ion:	202	Resp:	1910090
Ion Ratio	Lower	Upper	
202	100		
200	20.4	16.8	25.2
203	18.0	15.1	22.7



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: 95.987 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion:244 Resp: 2338096

Ion Ratio Lower Upper

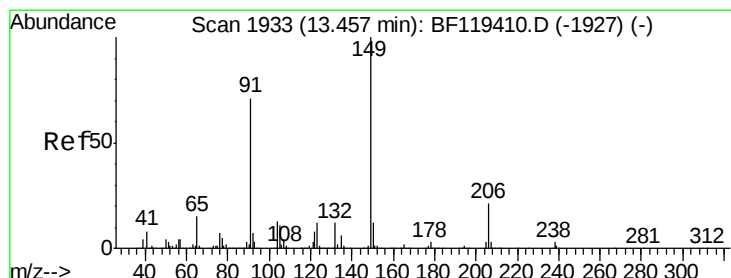
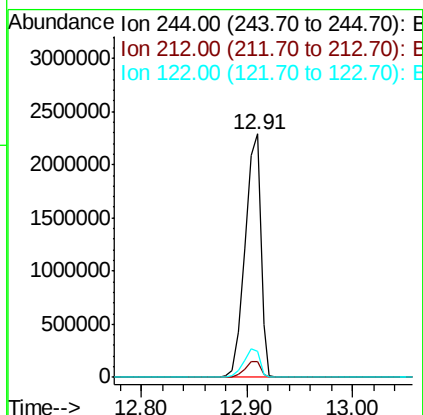
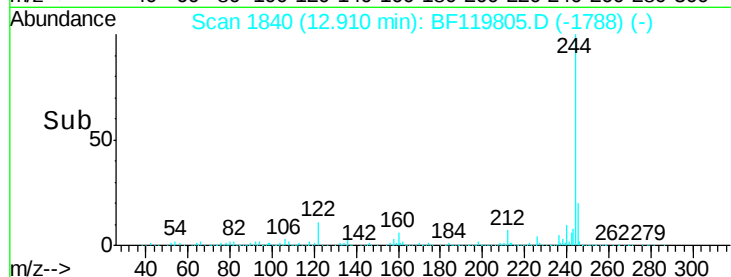
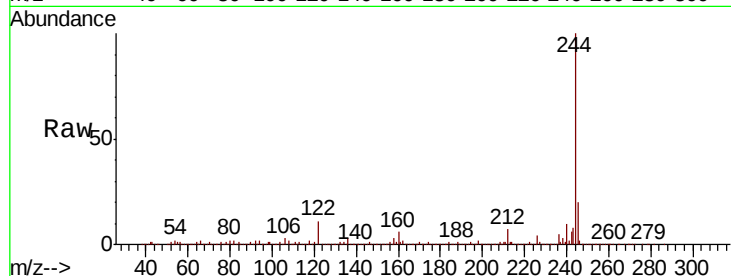
244 100

212 6.6 5.8 8.8

122 10.6 10.3 15.5

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 54.197 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

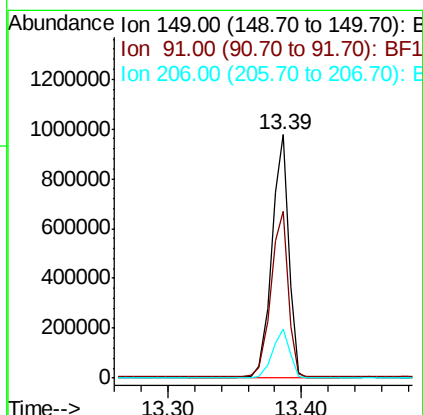
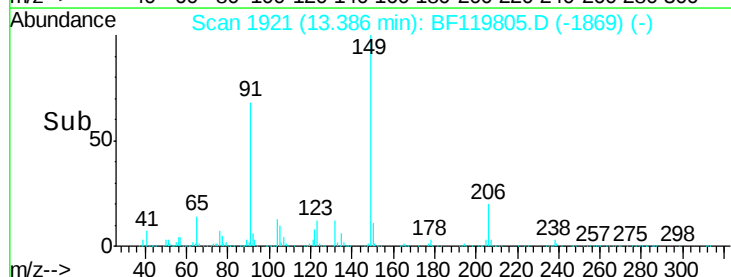
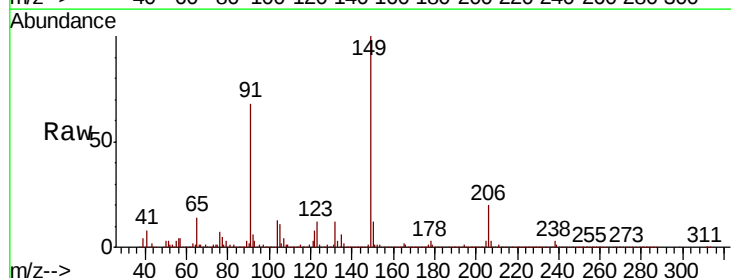
Tgt Ion:149 Resp: 858536

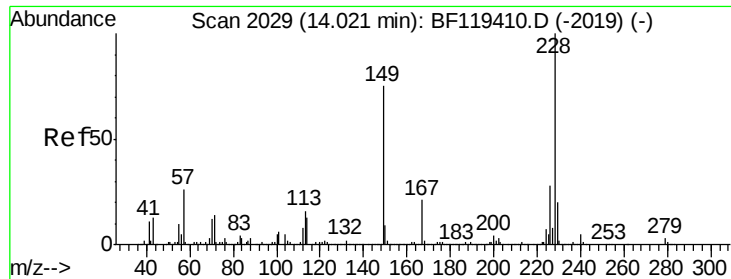
Ion Ratio Lower Upper

149 100

91 68.5 54.7 82.1

206 20.3 16.2 24.2





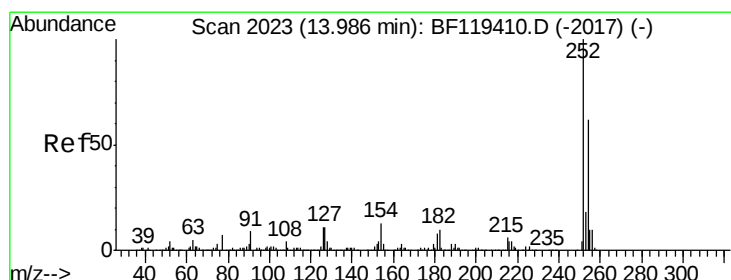
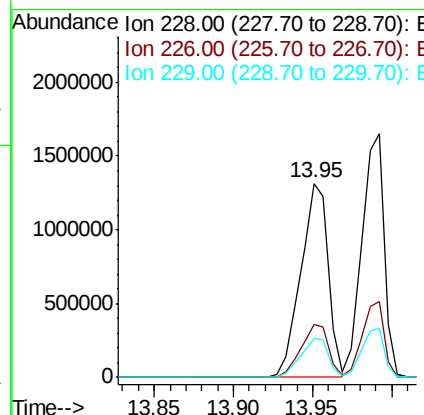
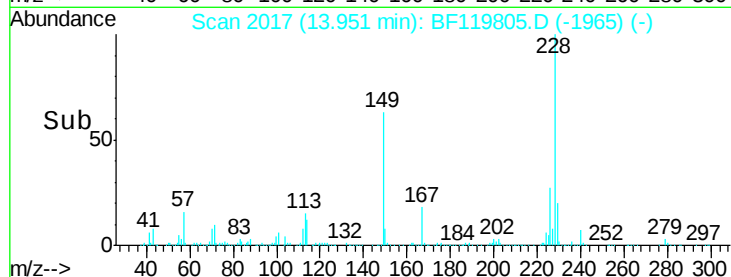
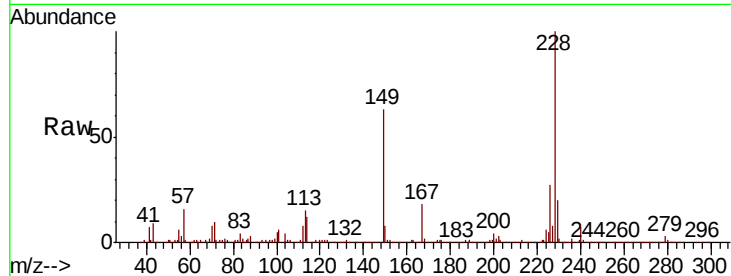
#81
Benzo(a)anthracene
Concen: 50.378 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.1	16.2	24.4

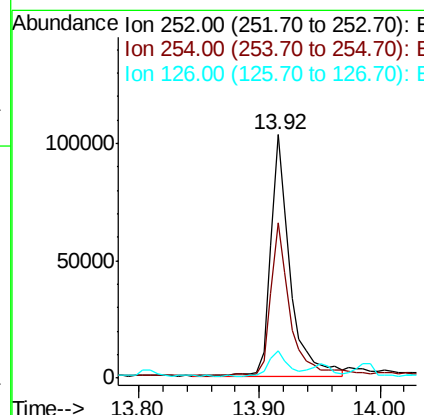
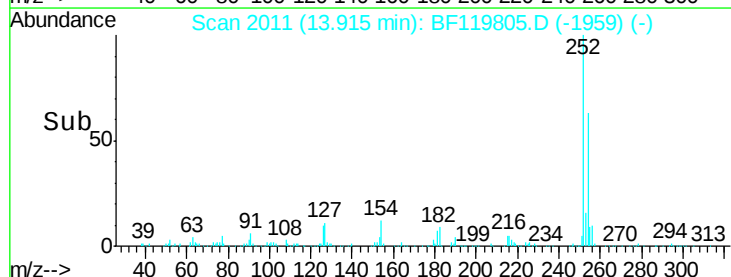
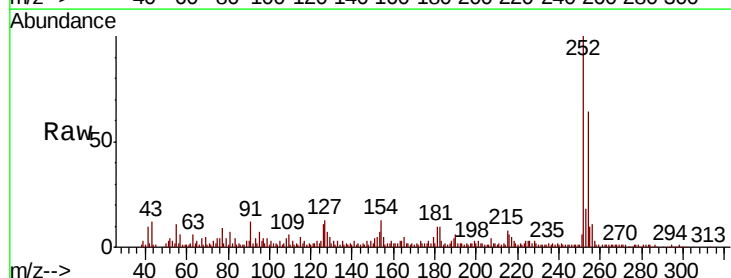
Manual Integrations
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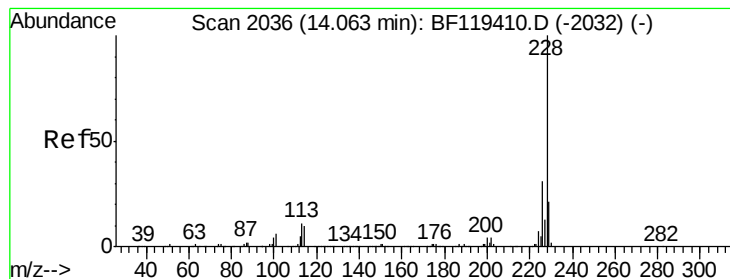
mohammad
4/8/2020 8:12:36 AM



#82
3,3'-Dichlorobenzidine
Concen: 9.406 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	11.2	9.6	14.4





#83

Chrysene

Concen: 50.387 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

Instrument :

BNA_F

ClientSampleId :

T-1MSD

Tot Ion:228 Resp: 1613812

Ion Ratio Lower Upper

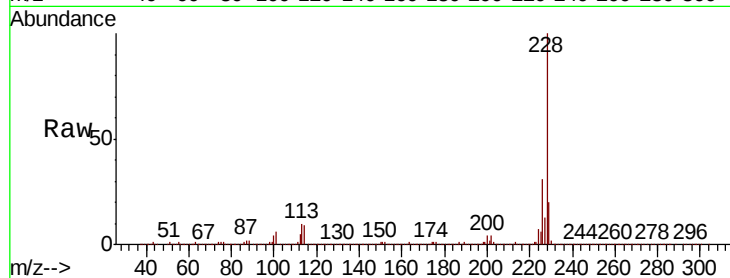
228 100

226 31.1 25.4 38.0

229 20.3 16.6 24.8

Manual Integrations
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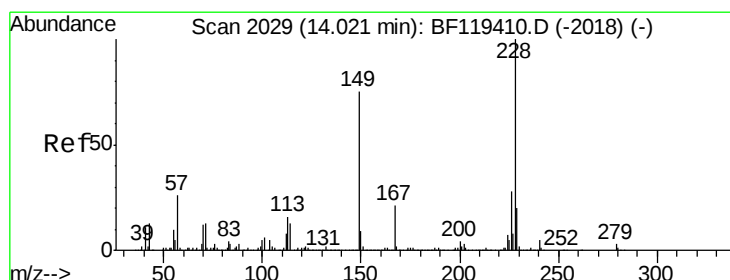
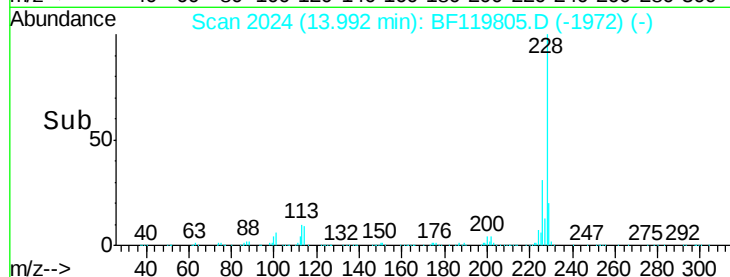
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

13.99

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.473 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF119805.D

Acq: 7 Apr 2020 7:10

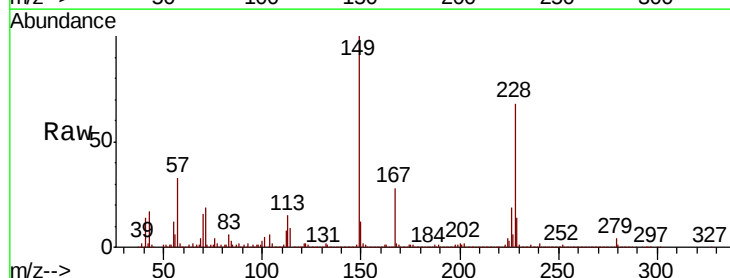
Tgt Ion:149 Resp: 1123063

Ion Ratio Lower Upper

149 100

167 27.5 21.3 31.9

279 3.8 2.7 4.1



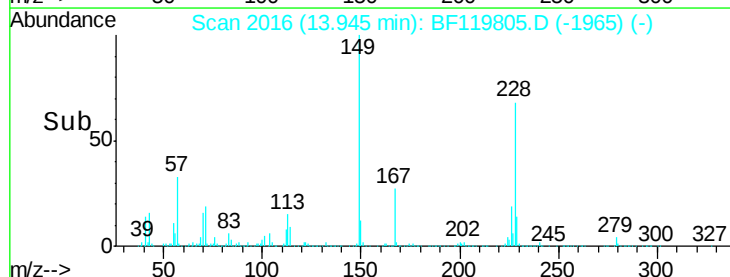
Abundance Ion 149.00 (148.70 to 149.70): E

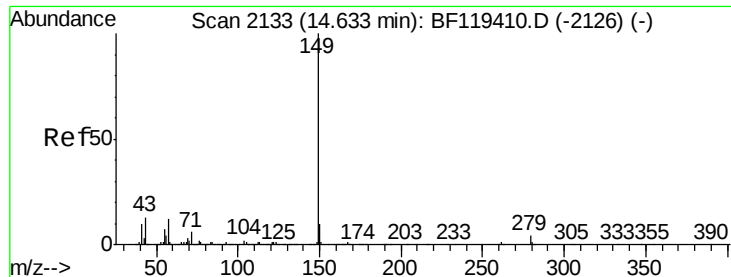
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

13.94

Time-->





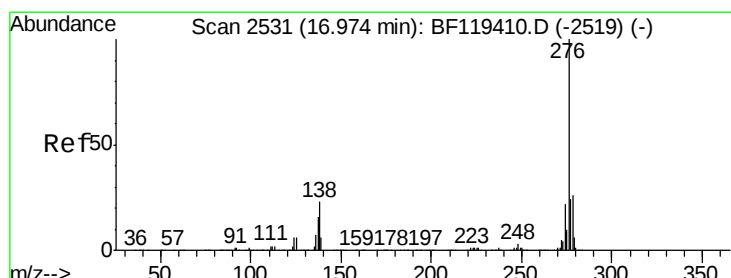
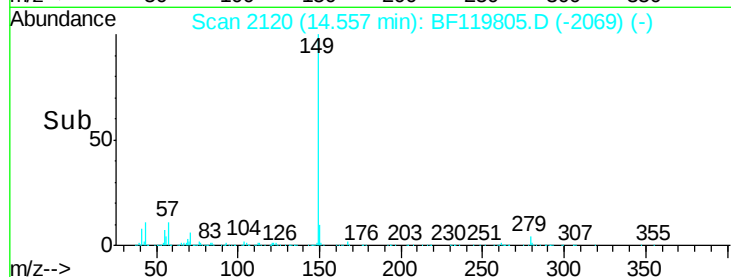
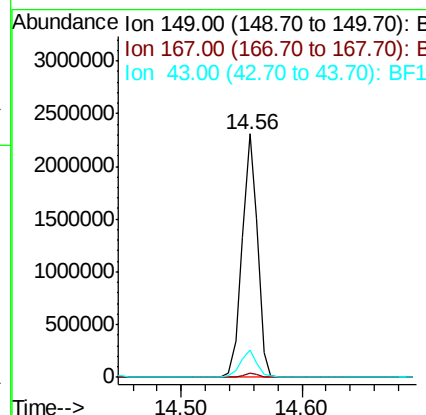
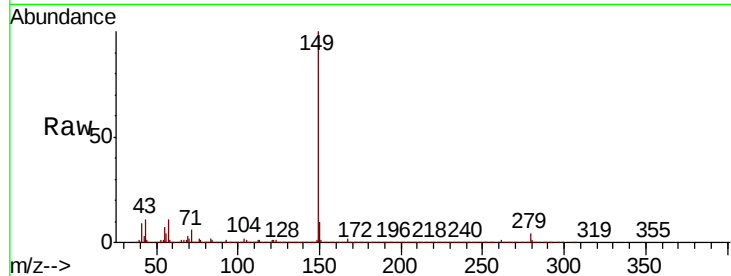
#85
Di-n-octyl phthalate
Concen: 61.585 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.3	13.9

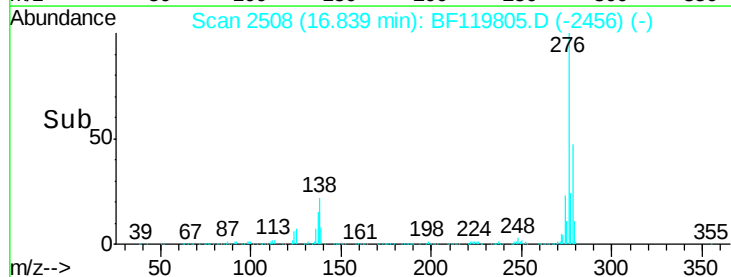
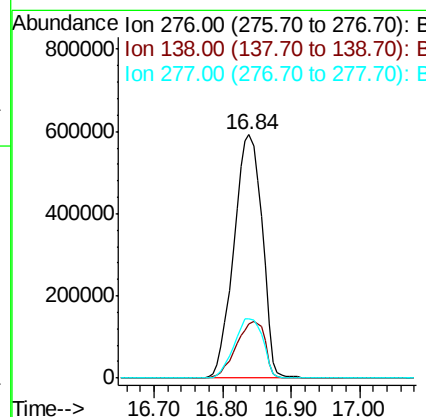
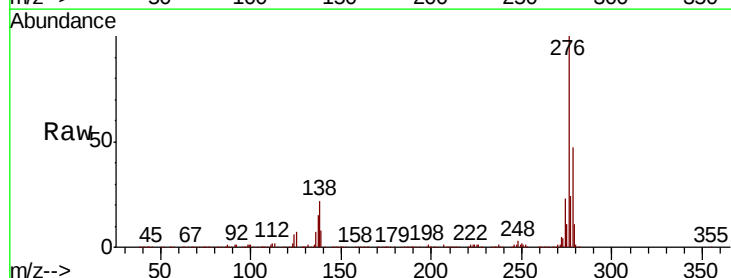
Manual Integrations
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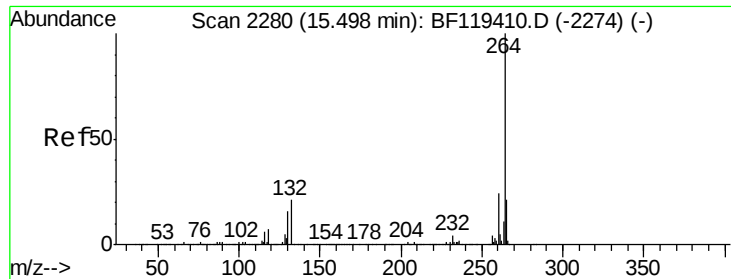
mohammad
4/8/2020 8:12:36 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.285 ng
RT: 16.84 min Scan# 2508
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.6	29.4
277	25.0	20.0	30.0





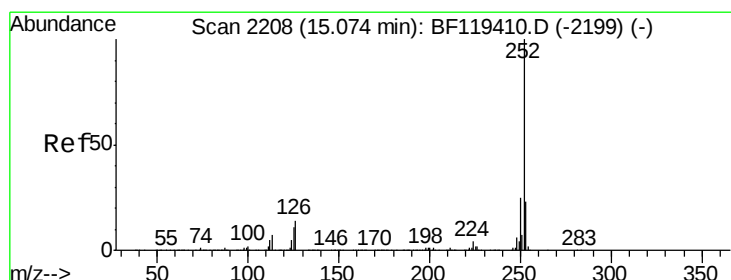
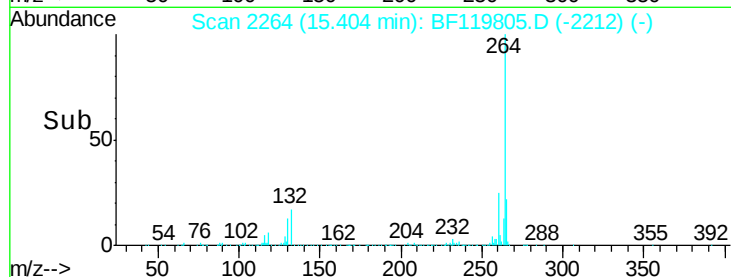
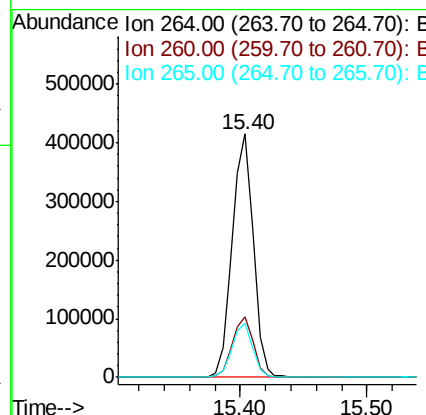
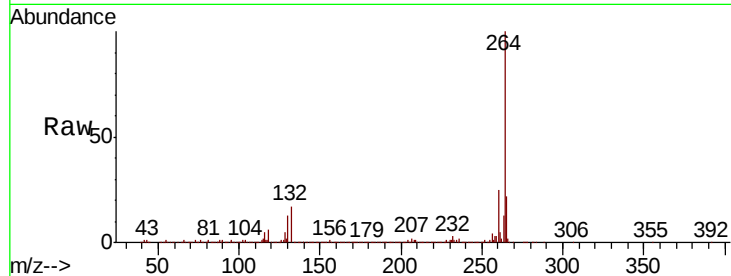
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampled :
T-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	22.0	17.7	26.5

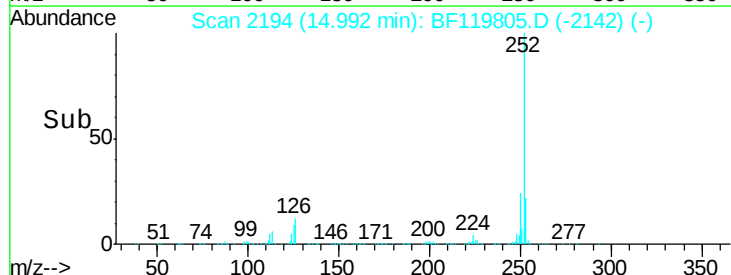
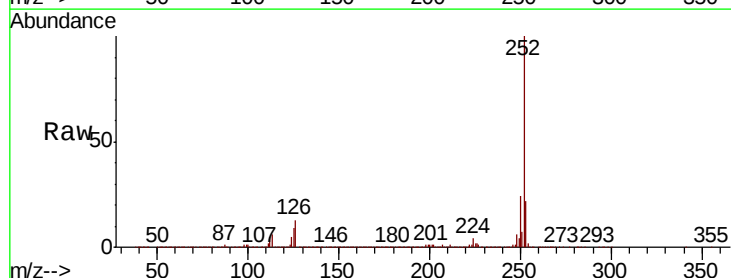
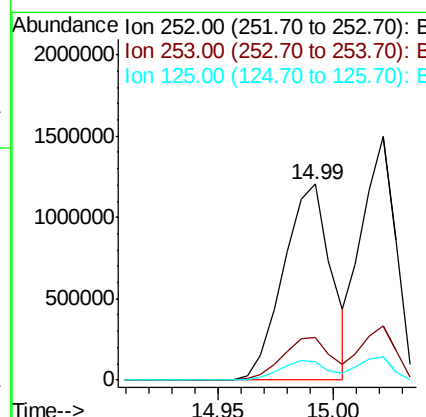
Manual Integrations
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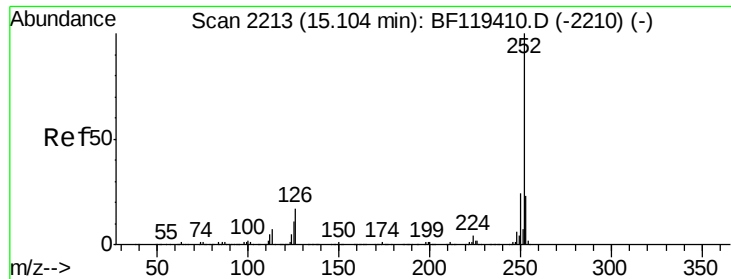
mohammad
4/8/2020 8:12:36 AM



#88
Benzo(b)fluoranthene
Concen: 54.277 ng
RT: 14.99 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.5	7.9	11.9





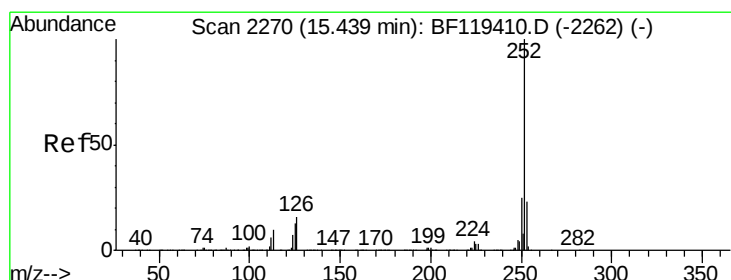
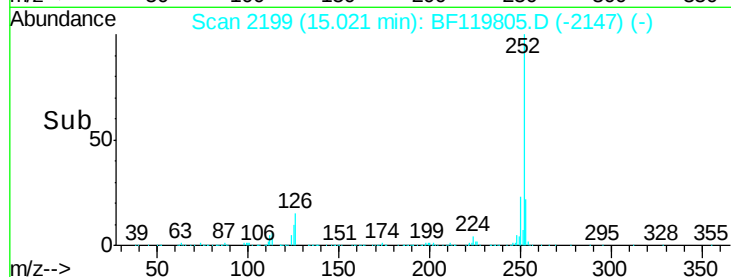
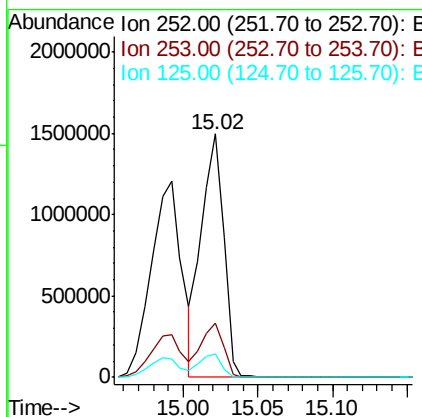
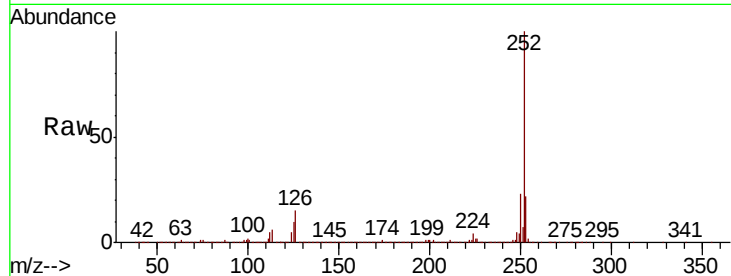
#89
Benzo(k)fluoranthene
Concen: 50.812 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampleId :
T-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.8	8.4	12.6

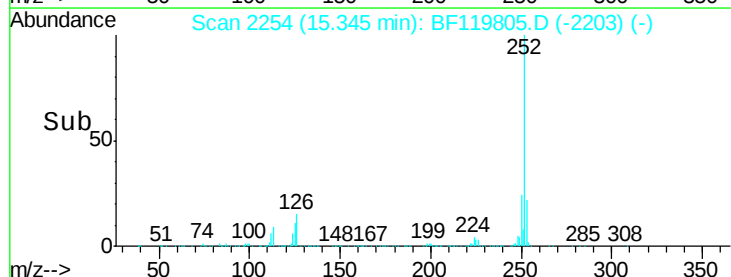
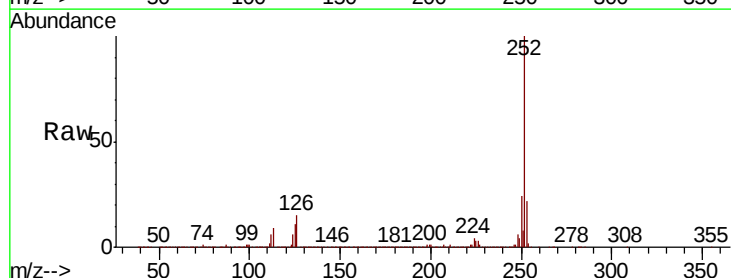
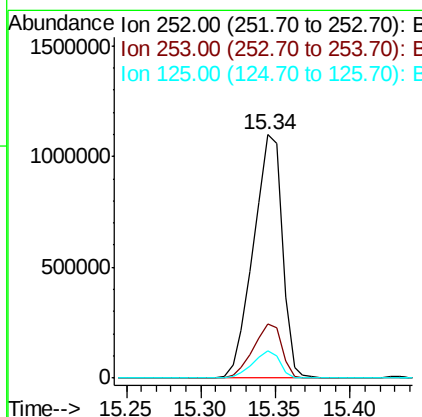
Manual Integrations
APPROVED

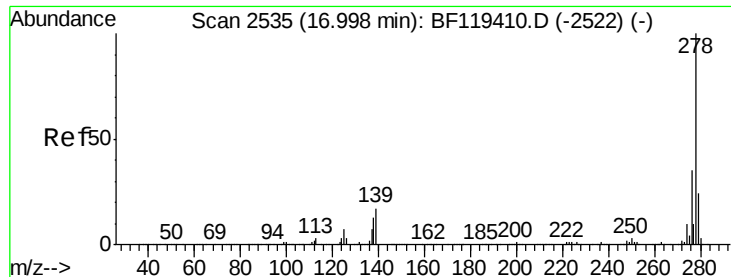
mohammad
4/8/2020 8:12:36 AM



#90
Benzo(a)pyrene
Concen: 50.705 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	11.4	9.4	14.2





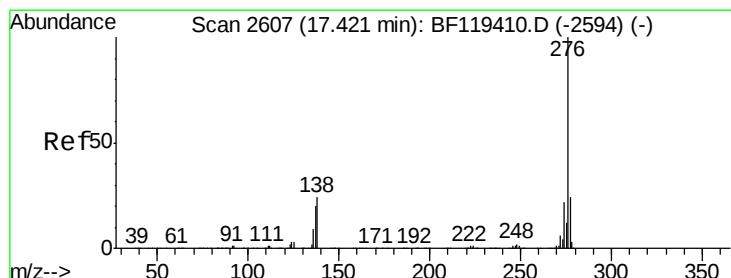
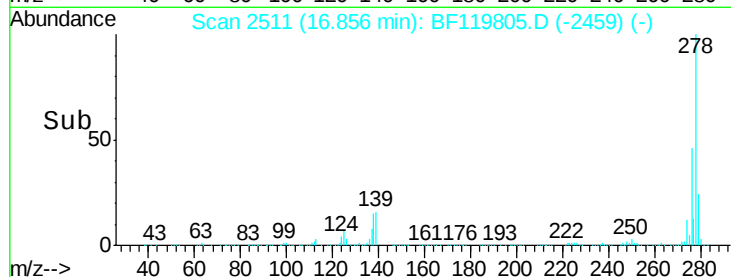
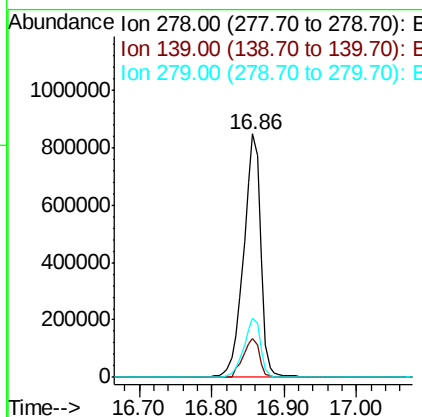
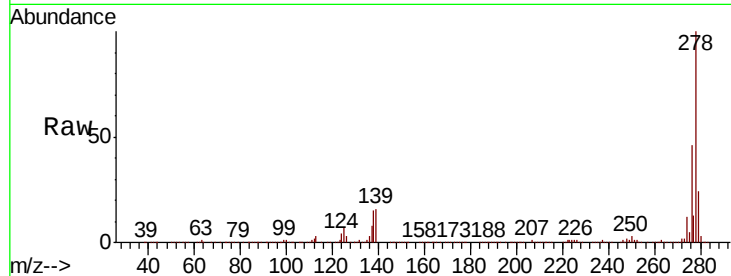
#91
Dibenzo(a,h)anthracene
Concen: 55.048 ng
RT: 16.86 min Scan# 2511
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Instrument :
BNA_F
ClientSampled :
T-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	19.0
279	24.2	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/8/2020 8:12:36 AM



#92
Benzo(g,h,i)perylene
Concen: 55.502 ng
RT: 17.27 min Scan# 2582
Delta R.T. 0.01 min
Lab File: BF119805.D
Acq: 7 Apr 2020 7:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.4	27.6
138	19.3	15.4	23.0

