

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109766.D
 Acq On : 11 Oct 2018 2:57
 Operator : JU/SJ
 Sample : J5326-04MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Quant Time: Oct 11 05:50:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	94308	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	368105	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	170282	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	285097	20.00	ng	0.00
75) Chrysene-d12	13.83	240	208125	20.00	ng	0.00
86) Perylene-d12	15.23	264	202203	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	533007	100.32	ng	0.01
7) Phenol-d6	6.36	99	646631	91.11	ng	0.00
23) Nitrobenzene-d5	7.26	82	511489	76.60	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	190429	102.63	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	921074	74.50	ng	0.00
78) Terphenyl-d14	12.78	244	756500	70.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	78816	28.266	ng	# 82
3) Pyridine	3.23	79	146175	25.410	ng	99
4) n-Nitrosodimethylamine	3.14	42	97185	46.804	ng	94
6) Aniline	6.37	93	94428	11.421	ng	# 1
8) 2-Chlorophenol	6.49	128	264137	40.423	ng	99
9) Benzaldehyde	6.25	77	105544	23.109	ng	99
10) Phenol	6.37	94	257509	31.640	ng	# 75
11) bis(2-Chloroethyl)ether	6.44	93	260336	38.583	ng	98
12) 1,3-Dichlorobenzene	6.64	146	283132	37.884	ng	98
13) 1,4-Dichlorobenzene	6.72	146	308025	37.810	ng	97
14) 1,2-Dichlorobenzene	6.87	146	272353	38.067	ng	100
15) Benzyl Alcohol	6.85	79	218516	41.529	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	349996	39.119	ng	82
17) 2-Methylphenol	6.97	107	199363	38.582	ng	96
18) Hexachloroethane	7.20	117	108720	37.756	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	197688	39.717	ng	98
20) 3+4-Methylphenols	7.13	107	246452	38.706	ng	99
22) Acetophenone	7.11	105	398425	44.759	ng	# 99
24) Nitrobenzene	7.28	77	288040	41.453	ng	99
25) Isophorone	7.52	82	534179	48.172	ng	99
26) 2-Nitrophenol	7.60	139	134423	41.358	ng	98
27) 2,4-Dimethylphenol	7.65	122	223478	47.614	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	327737	43.695	ng	99
29) 2,4-Dichlorophenol	7.85	162	230870	43.854	ng	96
30) 1,2,4-Trichlorobenzene	7.92	180	242559	41.620	ng	98
31) Naphthalene	8.00	128	833033	48.933	ng	99
32) Benzoic acid	7.80	122	89220	26.588	ng	91
33) 4-Chloroaniline	8.06	127	55483	7.401	ng	95
34) Hexachlorobutadiene	8.12	225	147844	40.801	ng	99
35) Caprolactam	8.43	113	35166	22.367	ng	95
36) 4-Chloro-3-methylphenol	8.56	107	243277	43.777	ng	96
37) 2-Methylnaphthalene	8.69	142	528760	47.417	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	246991	42.611	ng	100
40) Hexachlorocyclopentadiene	8.85	237	102907	44.098	ng	98

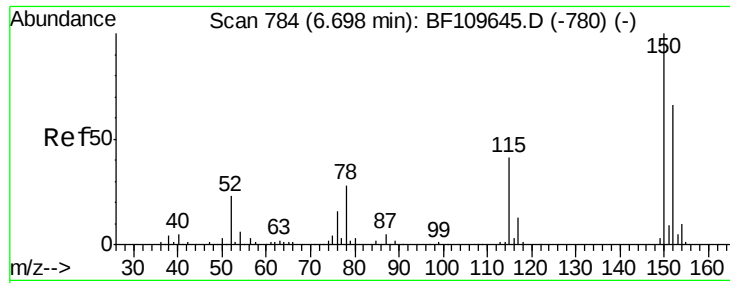
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	148041	42.724	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	170199	42.719	ng	98
45) 1,1'-Biphenyl	9.15	154	642047	42.206	ng	99
46) 2-Chloronaphthalene	9.17	162	486618	42.698	ng	99
47) 2-Nitroaniline	9.28	65	155500	45.061	ng	97
48) Acenaphthylene	9.59	152	758326	45.641	ng	100
49) Dimethylphthalate	9.46	163	589325	47.189	ng	100
50) 2,6-Dinitrotoluene	9.52	165	122574	45.279	ng	97
51) Acenaphthene	9.76	154	421572	42.802	ng	99
52) 3-Nitroaniline	9.69	138	50272	16.566	ng	96
53) 2,4-Dinitrophenol	9.80	184	51767	59.270	ng	98
54) Dibenzofuran	9.93	168	636159	43.089	ng	100
55) 4-Nitrophenol	9.87	139	112227	67.565	ng	# 86
56) 2,4-Dinitrotoluene	9.93	165	149273	44.185	ng	93
57) Fluorene	10.27	166	500803	45.422	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	142706	44.063	ng	96
59) Diethylphthalate	10.15	149	577058	46.635	ng	99
60) 4-Chlorophenyl-phenylether	10.27	204	242591	41.707	ng	98
61) 4-Nitroaniline	10.31	138	104565	37.208	ng	99
62) Azobenzene	10.43	77	553432	44.044	ng	98
64) 4,6-Dinitro-2-methylphenol	10.34	198	40619	29.272	ng	92
65) n-Nitrosodiphenylamine	10.39	169	465302	48.144	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	151181	46.151	ng	92
67) Hexachlorobenzene	10.82	284	155849	43.936	ng	94
68) Atrazine	10.92	200	148551	49.251	ng	99
69) Pentachlorophenol	11.02	266	139490	69.884	ng	99
70) Phenanthrene	11.23	178	670856	47.020	ng	99
71) Anthracene	11.28	178	722375	48.980	ng	100
72) Carbazole	11.44	167	606555	42.404	ng	100
73) Di-n-butylphthalate	11.77	149	800201	48.232	ng	99
74) Fluoranthene	12.41	202	650457	43.640	ng	99
76) Benzidine	12.54	184	194762	25.191	ng	# 95
77) Pyrene	12.64	202	628705	41.230	ng	99
79) Butylbenzylphthalate	13.26	149	299271	45.268	ng	97
80) Benzo(a)anthracene	13.82	228	532604	46.373	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	147499	31.895	ng	99
82) Chrysene	13.86	228	572185	47.430	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	387571	48.051	ng	98
84) Di-n-octyl phthalate	14.42	149	688913	54.036	ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	451210	52.254	ng	99
87) Benzo(b)fluoranthene	14.84	252	520892	46.616	ng	98
88) Benzo(k)fluoranthene	14.86	252	531467	47.337	ng	99
89) Benzo(a)pyrene	15.17	252	491129	48.434	ng	99
90) Dibenzo(a,h)anthracene	16.59	278	381676	45.831	ng	99
91) Benzo(g,h,i)perylene	16.98	276	358814	43.147	ng	99

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

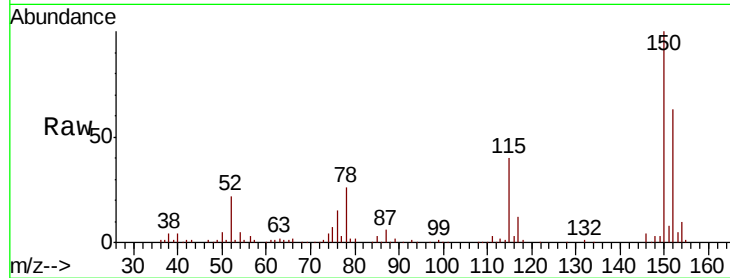


#1

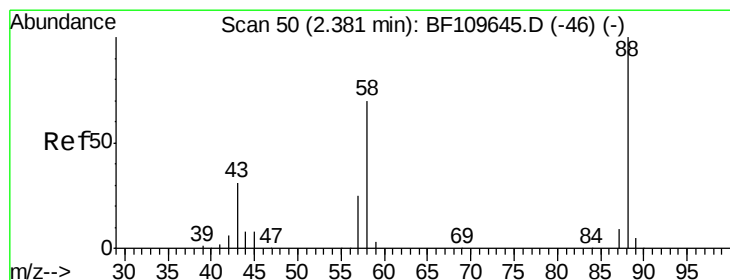
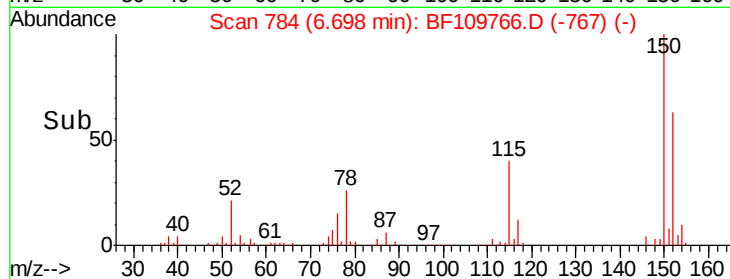
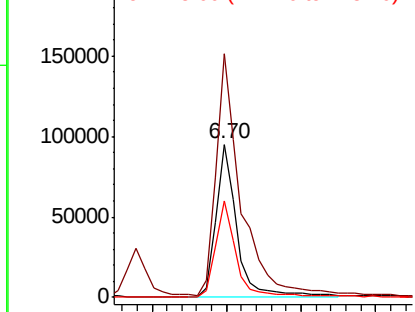
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion:152 Resp: 94308
Ion Ratio Lower Upper
152 100
150 158.9 122.7 184.1
115 63.1 49.1 73.7



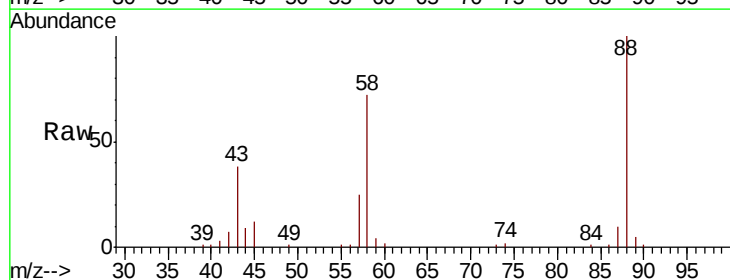
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



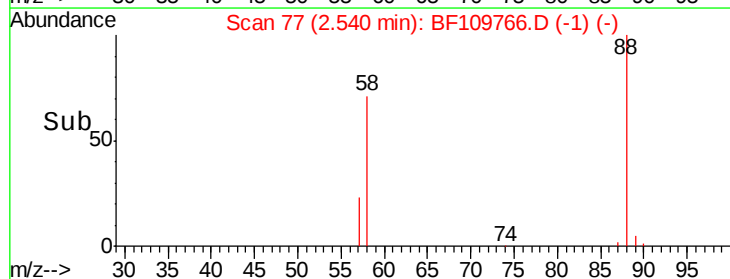
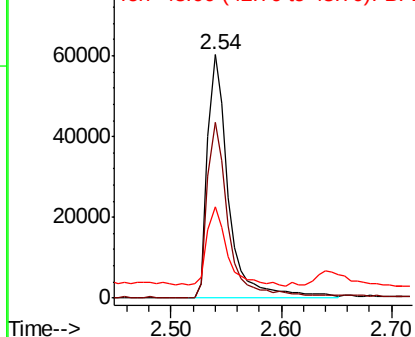
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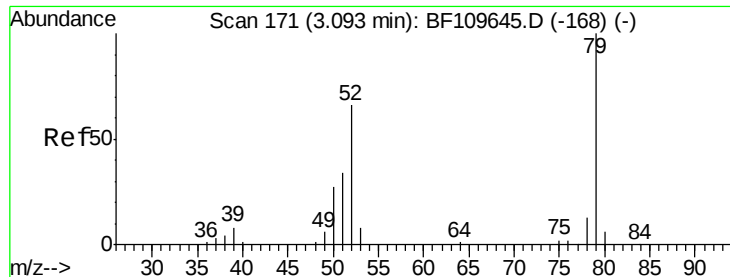
1,4-Dioxane
Concen: 28.266 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.16 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion: 88 Resp: 78816
Ion Ratio Lower Upper
88 100
58 73.6 57.1 85.7
43 0.0 24.1 36.1#



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





#3

Pyridine

Concen: 25.410 ng

RT: 3.23 min Scan# 194

Delta R.T. 0.14 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

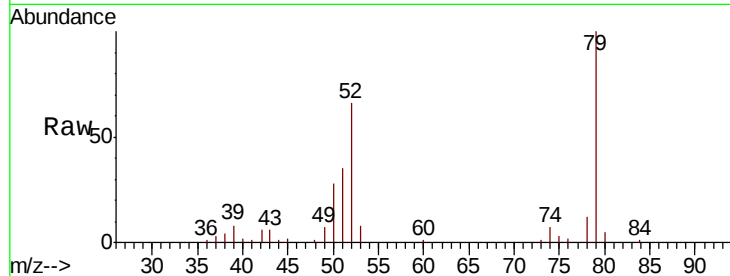
Tgt Ion: 79 Resp: 146175

Ion Ratio Lower Upper

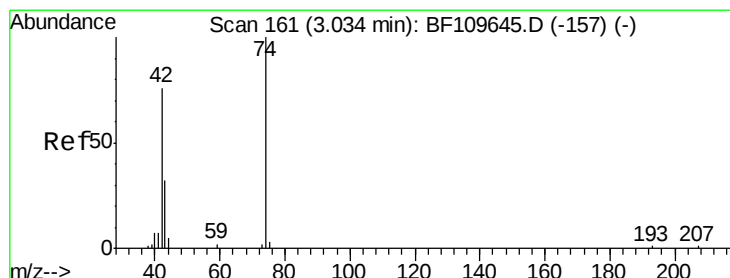
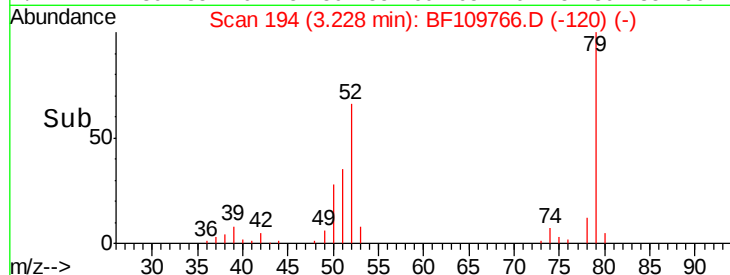
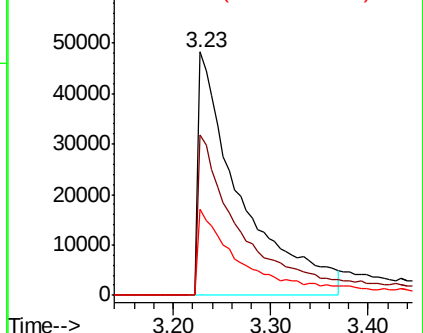
79 100

52 65.9 53.1 79.7

51 35.4 27.4 41.2



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



#4

n-Nitrosodimethylamine

Concen: 46.804 ng

RT: 3.14 min Scan# 179

Delta R.T. 0.11 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

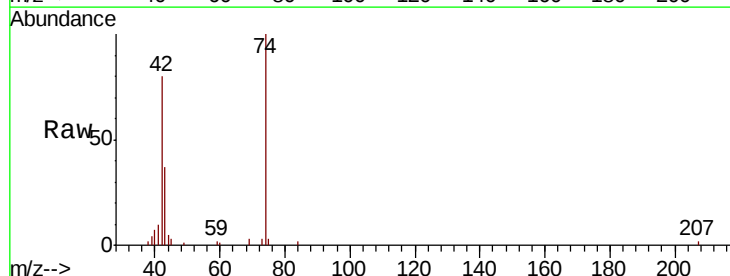
Tgt Ion: 42 Resp: 97185

Ion Ratio Lower Upper

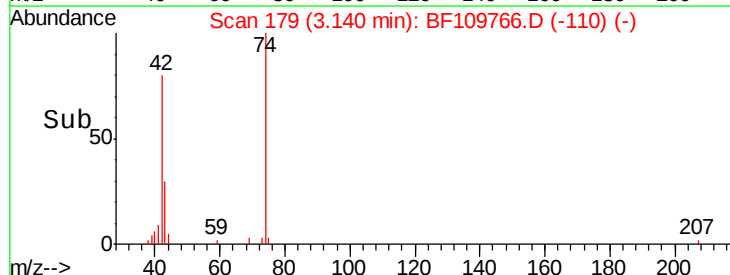
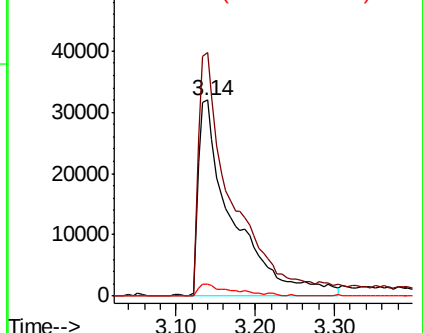
42 100

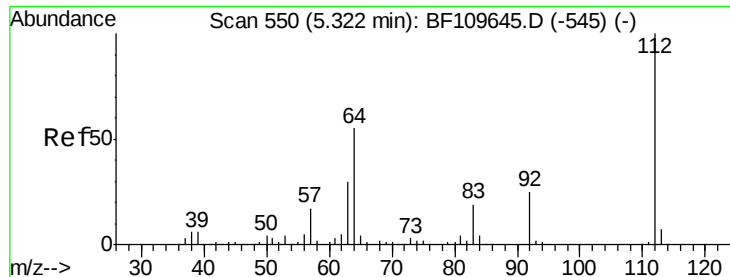
74 124.3 105.5 158.3

44 6.1 4.9 7.3



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





#5

2-Fluorophenol

Concen: 100.321 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

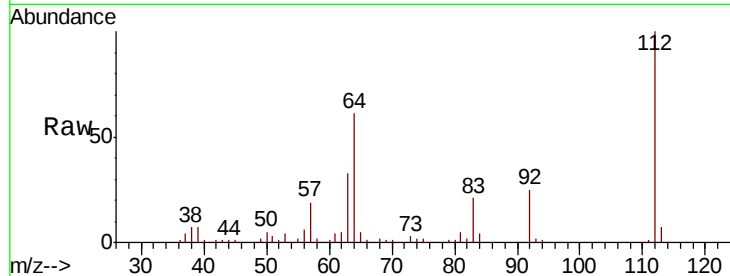
Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

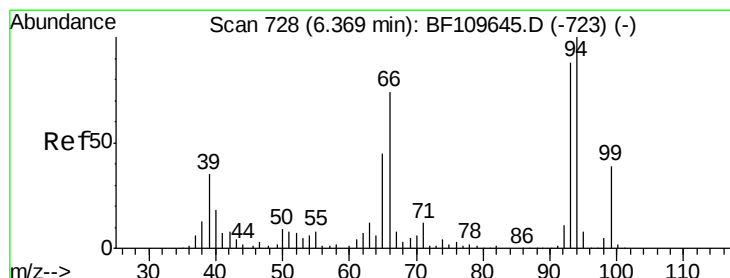
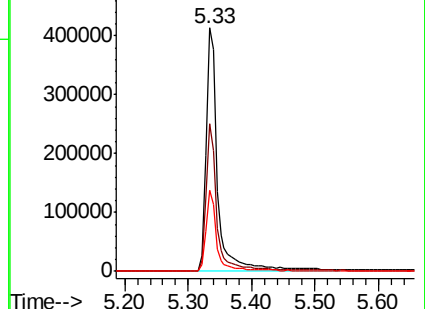
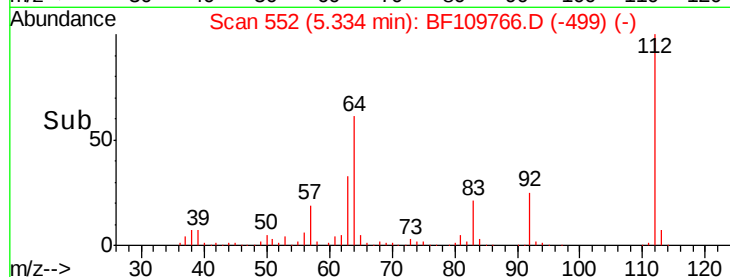
Tgt Ion:	112	Resp:	533007
Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	33.2	23.7	35.5



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: 11.421 ng

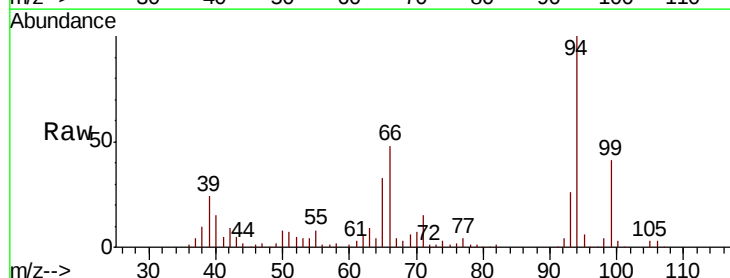
RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

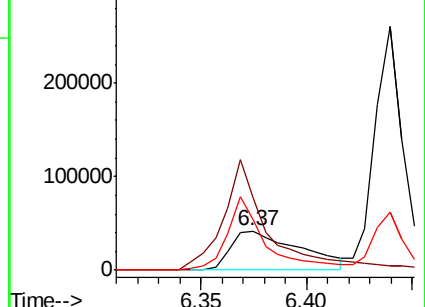
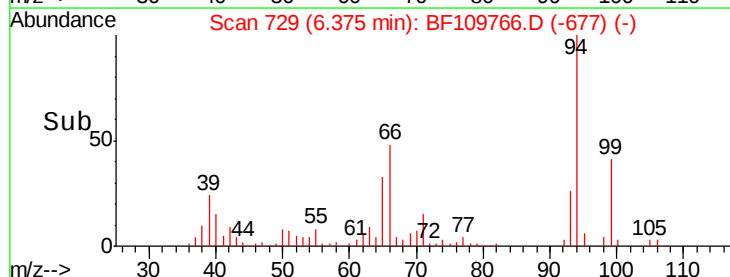
Tgt Ion:	93	Resp:	94428
Ion	Ratio	Lower	Upper
93	100		
66	184.3	67.4	101.0#
65	127.0	41.0	61.4#

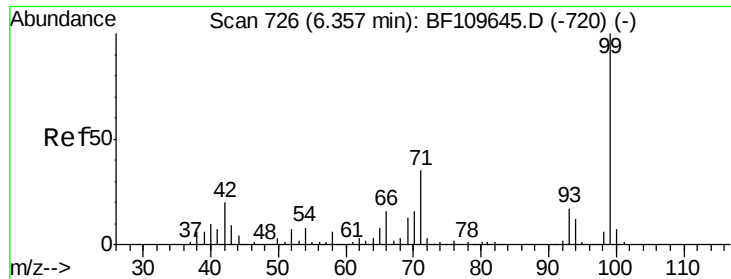


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 91.105 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

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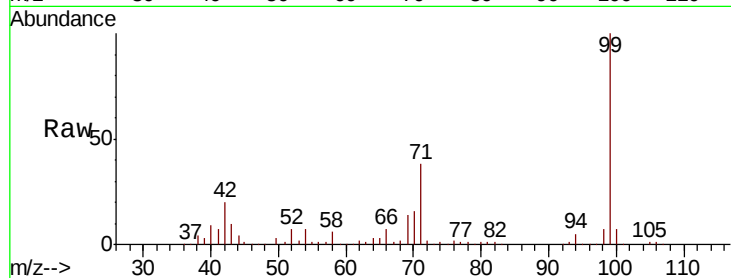
Tgt Ion: 99 Resp: 646631

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

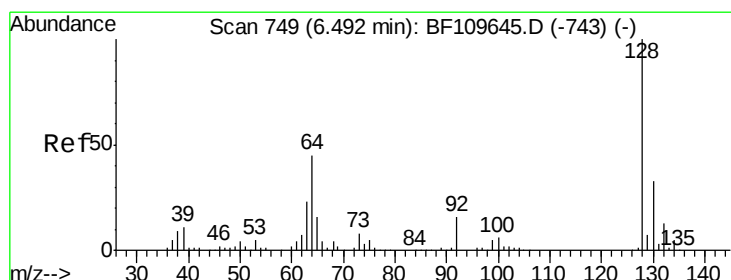
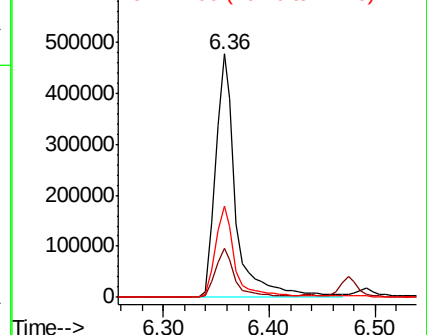
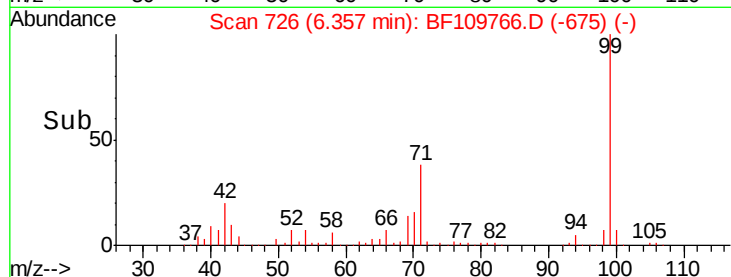
71 37.7 28.0 42.0



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: 40.423 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

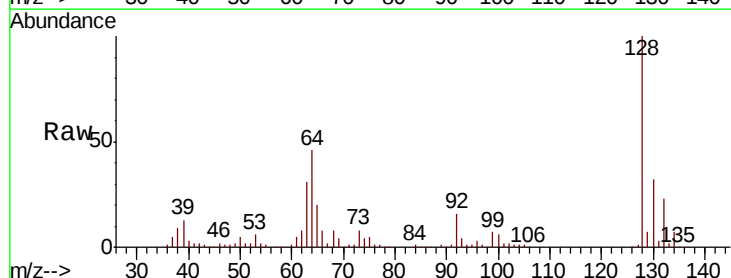
Tgt Ion: 128 Resp: 264137

Ion Ratio Lower Upper

128 100

130 32.3 13.1 53.1

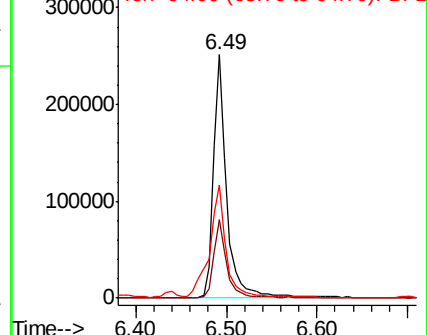
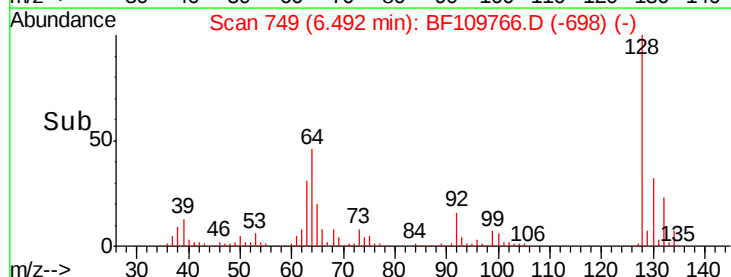
64 46.2 26.0 66.0

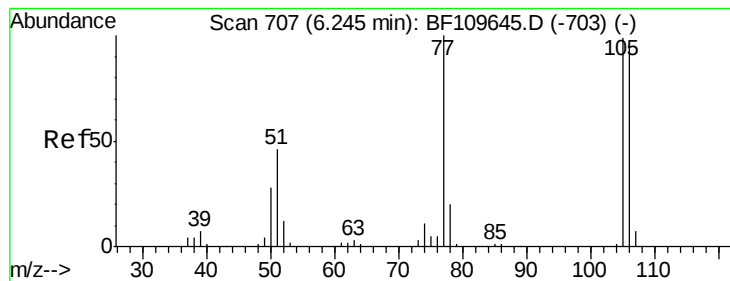


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 23.109 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

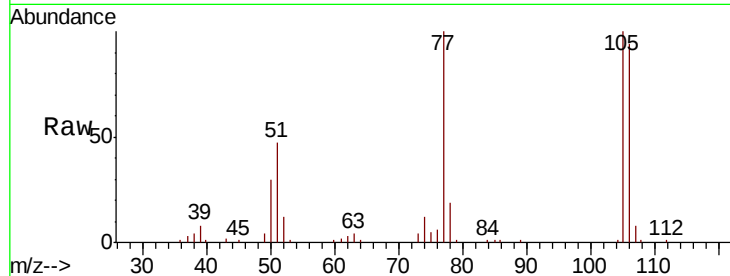
Tgt Ion: 77 Resp: 105544

Ion Ratio Lower Upper

77 100

105 100.0 78.6 118.6

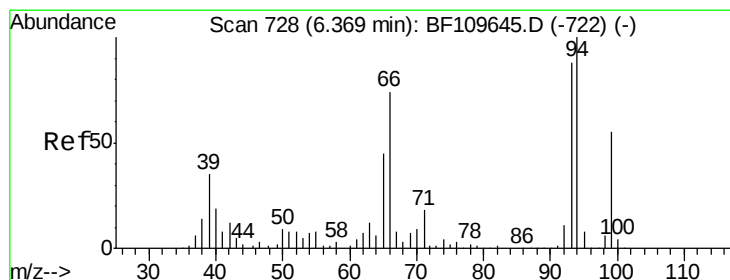
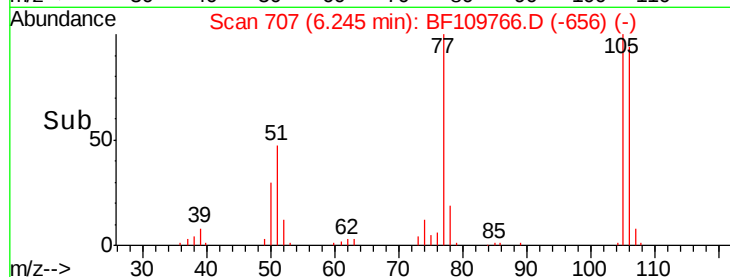
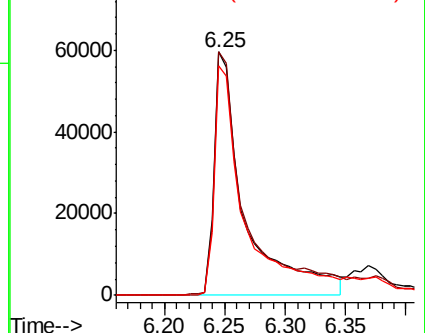
106 94.0 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.640 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

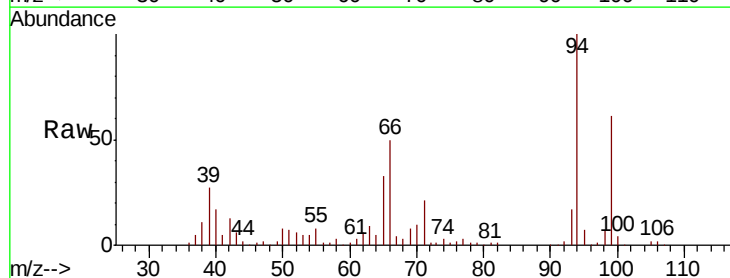
Tgt Ion: 94 Resp: 257509

Ion Ratio Lower Upper

94 100

65 33.2 25.3 65.3

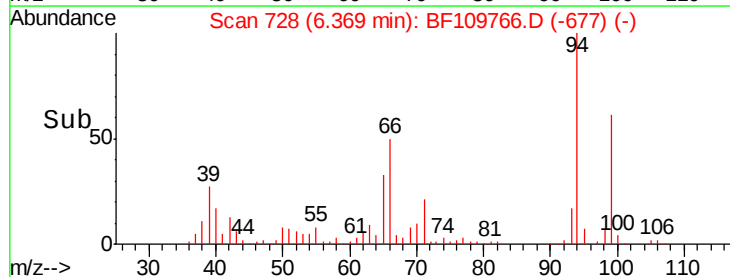
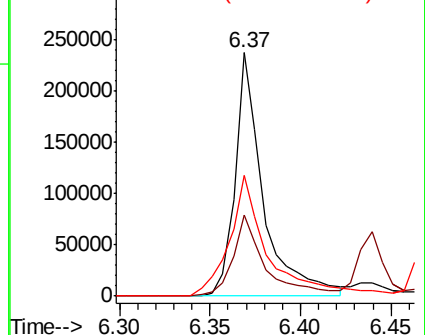
66 49.7 54.5 94.5#

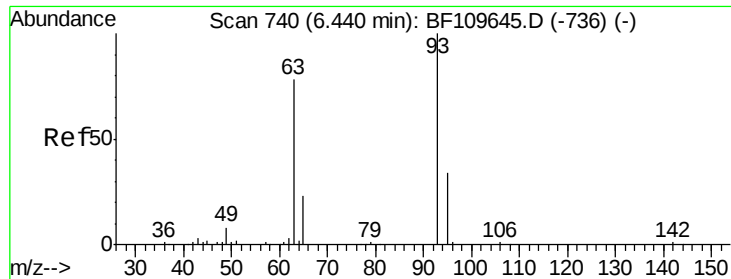


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

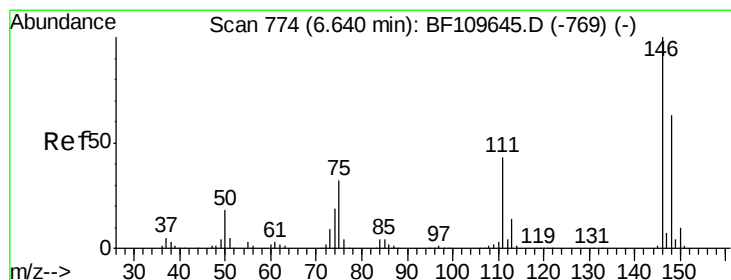
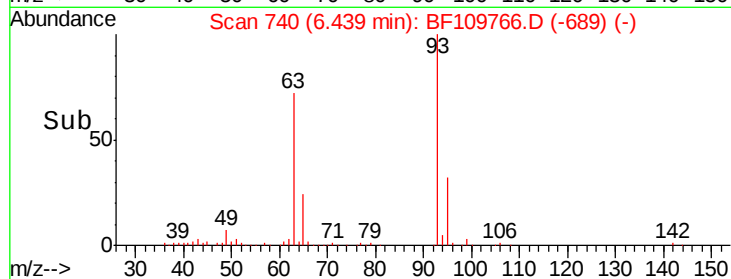
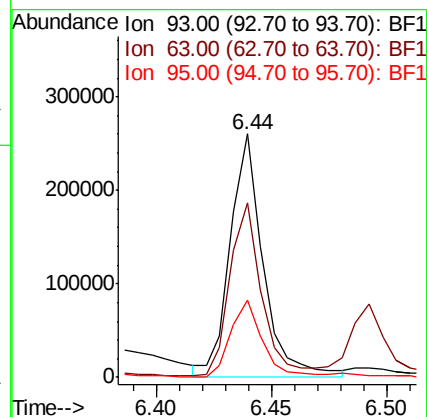
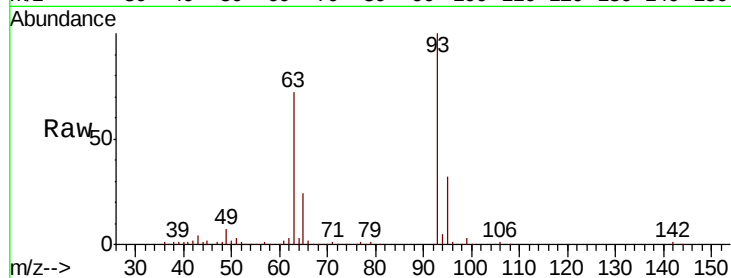




#11
 bis(2-Chloroethyl)ether
 Concen: 38.583 ng
 RT: 6.44 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

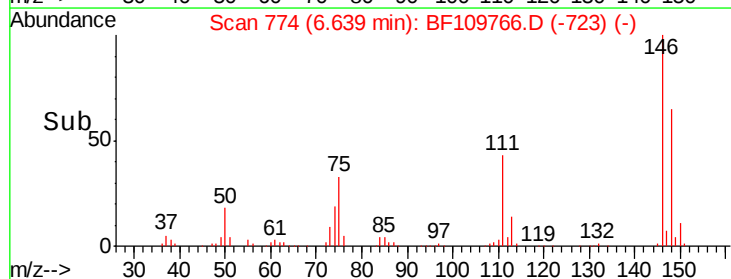
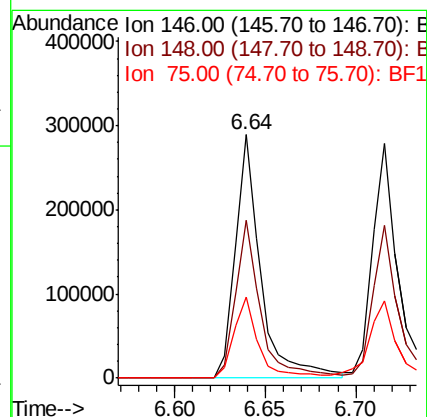
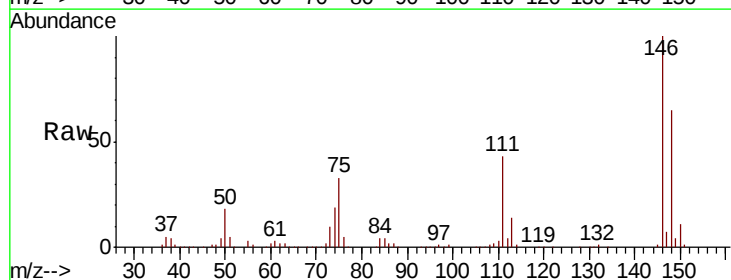
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

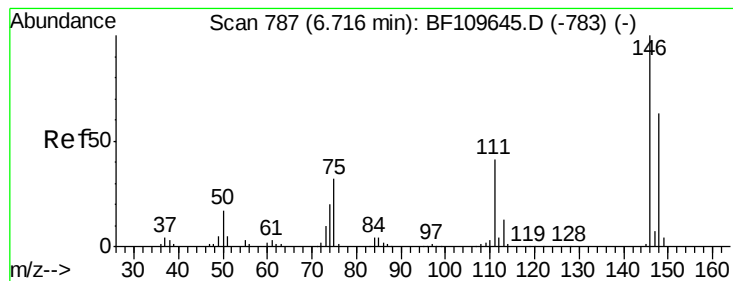
Tgt Ion	Ratio	Lower	Upper
93	100		
63	71.8	53.4	93.4
95	31.7	12.1	52.1



#12
 1,3-Dichlorobenzene
 Concen: 37.884 ng
 RT: 6.64 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.4	75.6
75	33.3	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.810 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

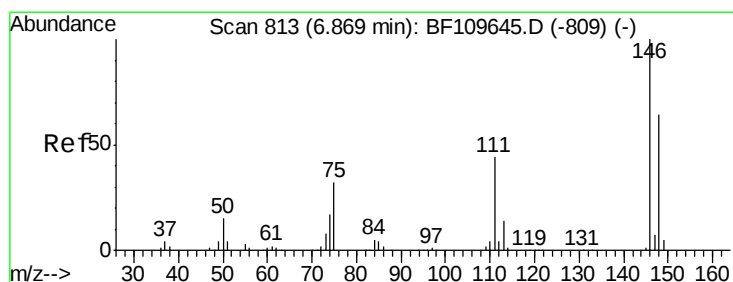
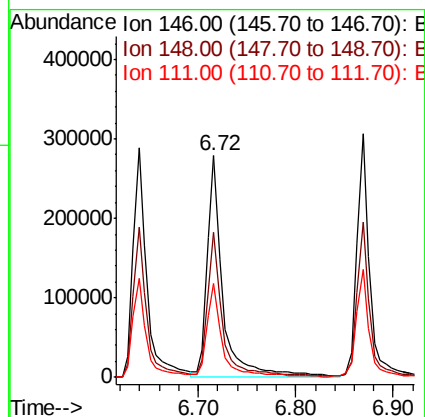
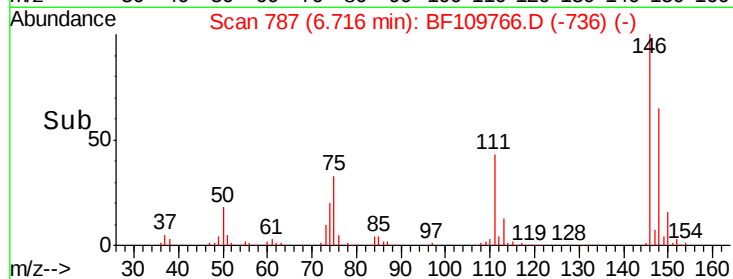
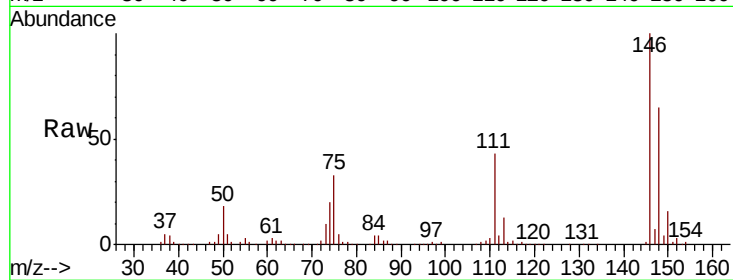
Tgt Ion:146 Resp: 308025

Ion Ratio Lower Upper

146 100

148 65.3 50.3 75.5

111 42.6 32.7 49.1



#14

1,2-Dichlorobenzene

Concen: 38.067 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

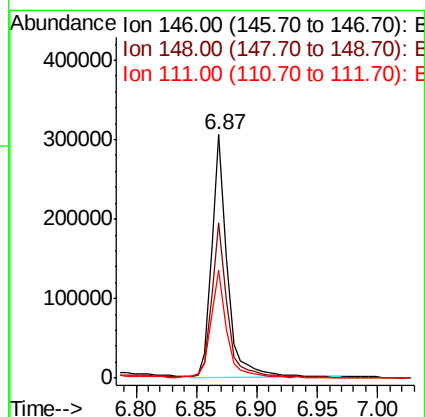
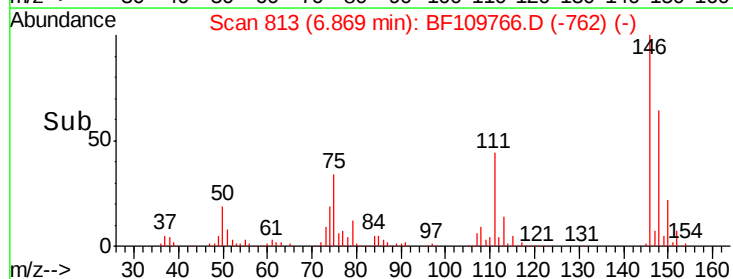
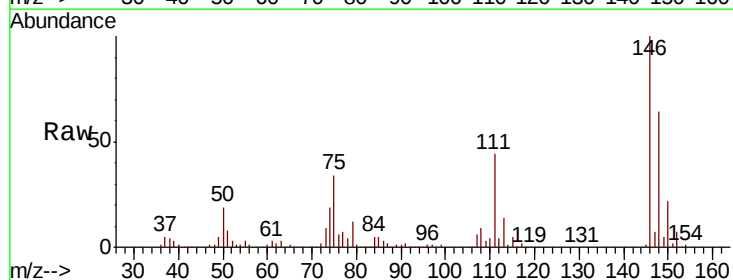
Tgt Ion:146 Resp: 272353

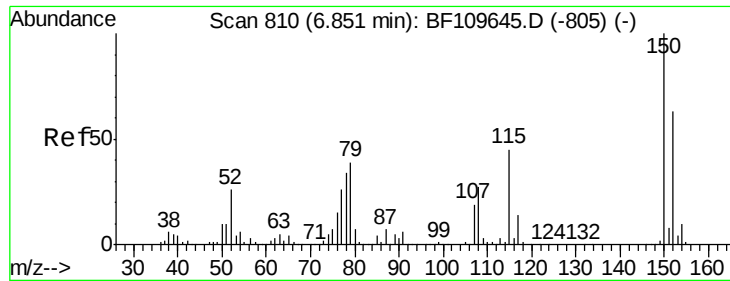
Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 44.3 35.8 53.6

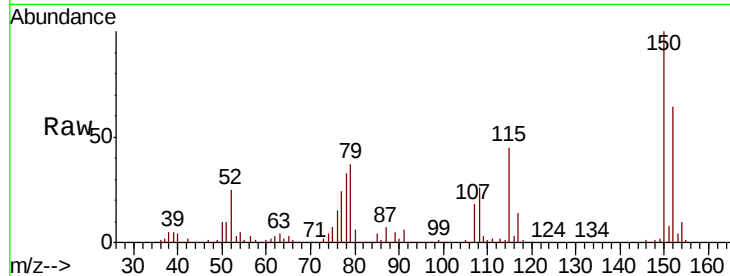




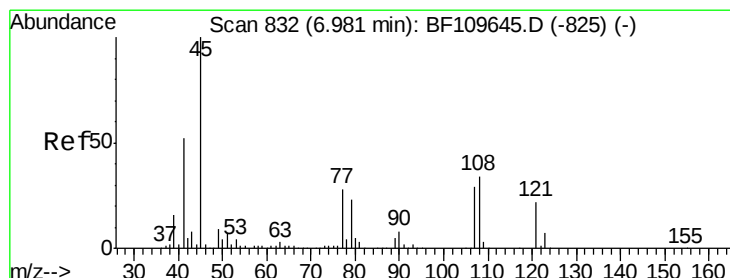
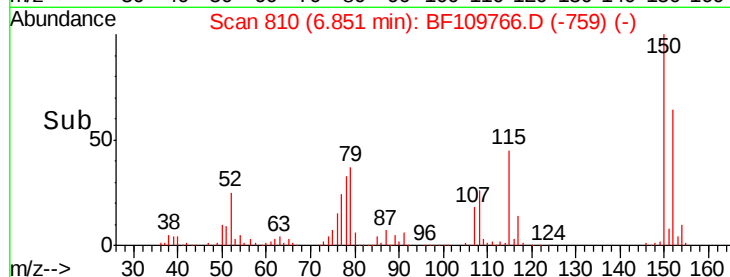
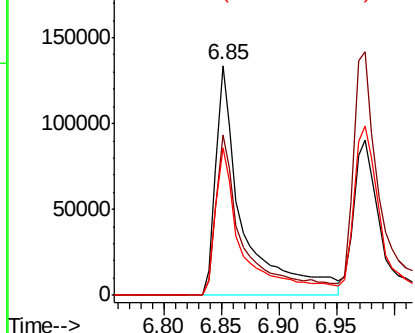
#15
Benzyl Alcohol
Concen: 41.529 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion: 79 Resp: 218516
Ion Ratio Lower Upper
79 100
108 69.8 56.3 84.5
77 64.2 52.9 79.3

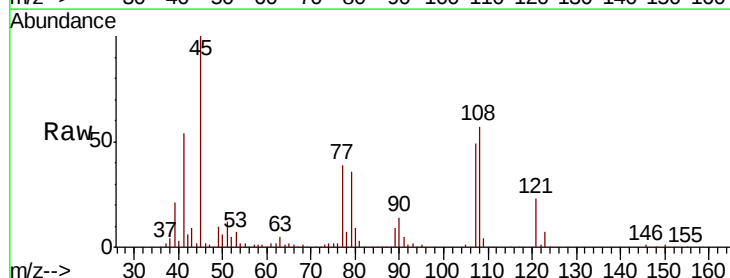


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

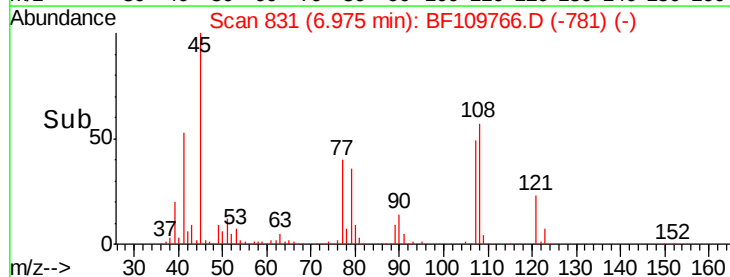
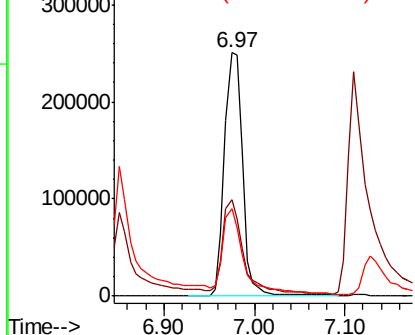


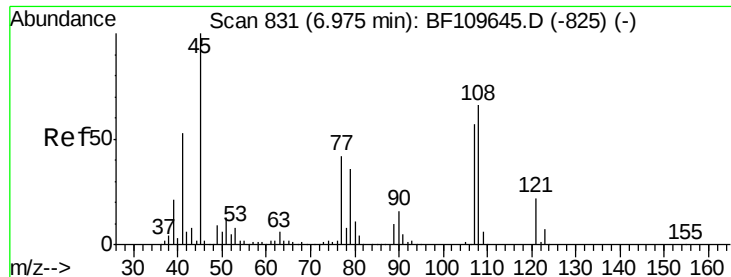
#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.119 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion: 45 Resp: 349996
Ion Ratio Lower Upper
45 100
77 39.5 10.0 50.0
79 35.9 6.1 46.1



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

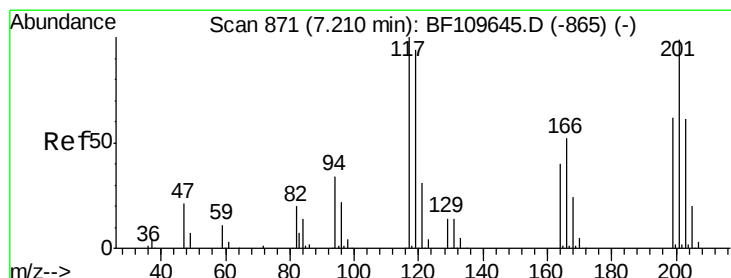
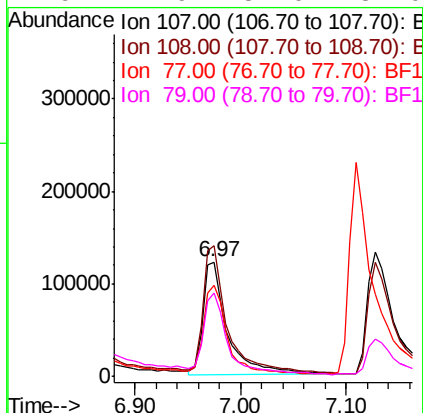
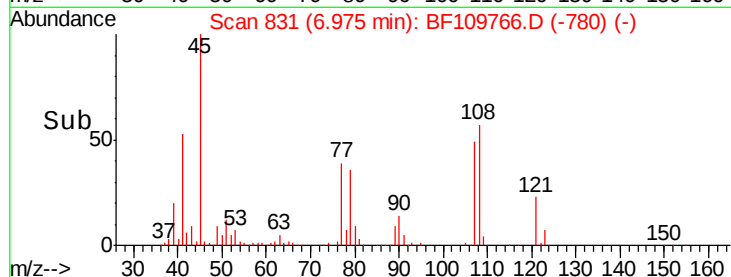
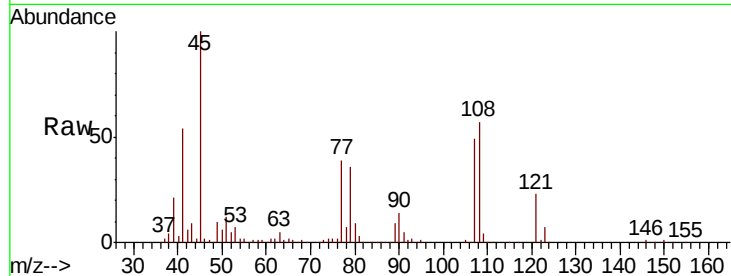




#17
2-Methylphenol
Concen: 38.582 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

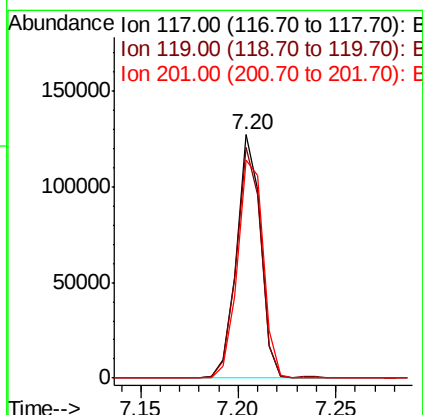
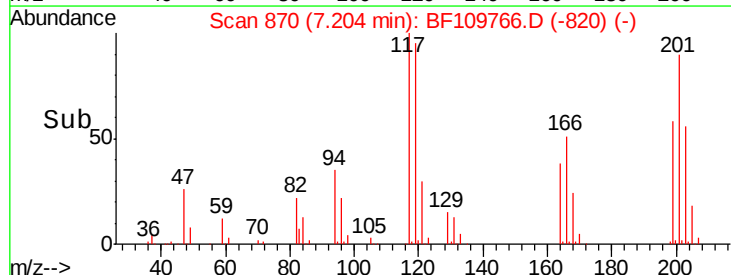
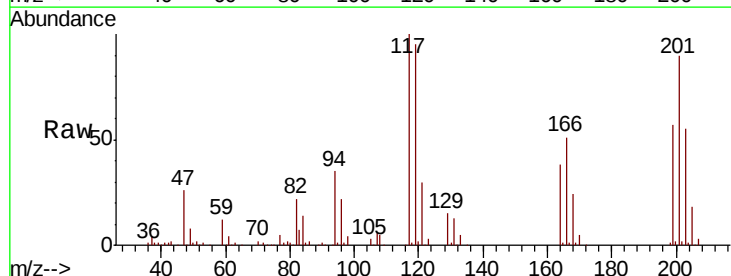
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	92.6	138.8
77	80.1	59.4	89.2
79	72.9	54.0	81.0



#18
Hexachloroethane
Concen: 37.756 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.0	112.6
201	89.5	79.2	118.8

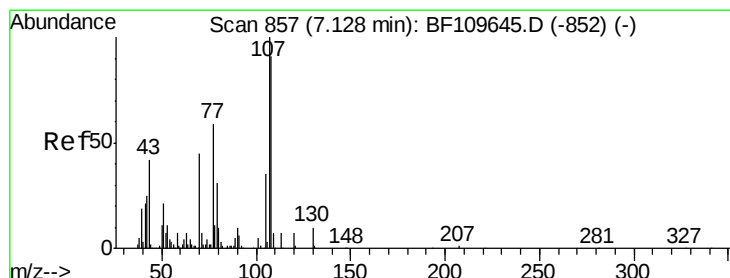
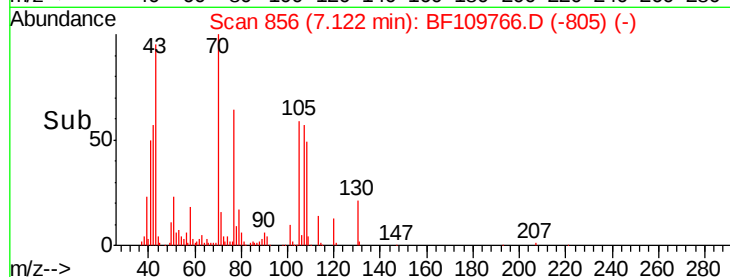
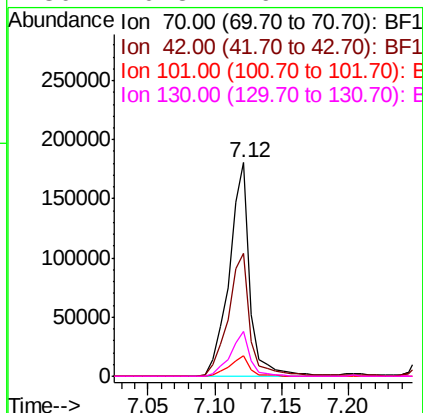
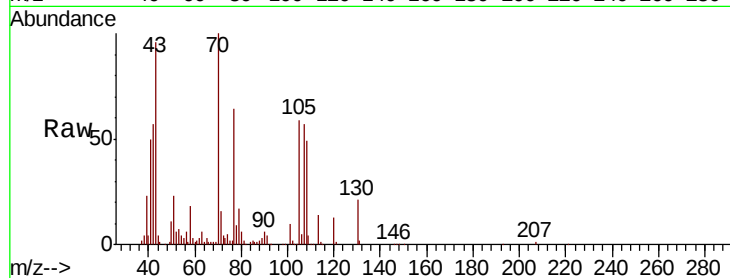




#19
n-Nitroso-di-n-propylamine
Concen: 39.717 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

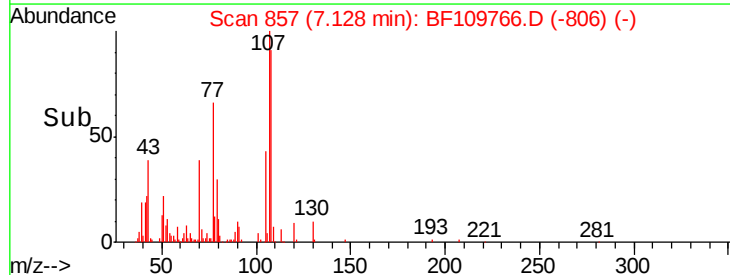
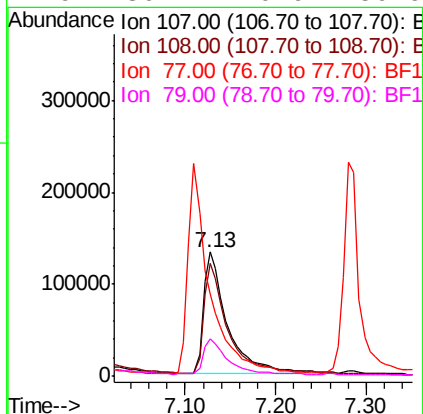
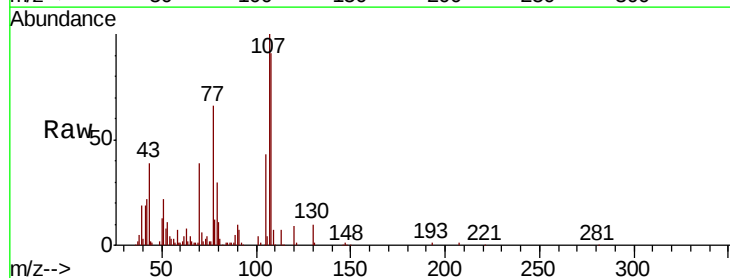
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

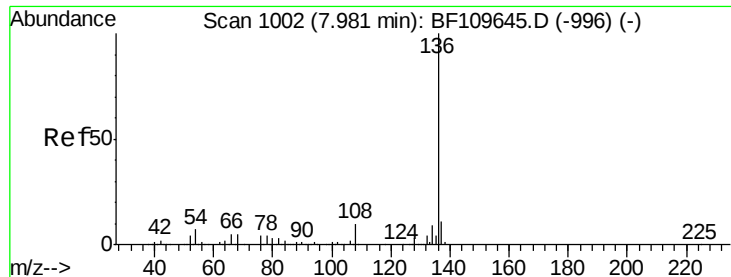
Tgt Ion:	70	Resp:	197688
Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.4	71.2
101	9.8	7.3	10.9
130	20.8	16.2	24.2



#20
3+4-Methylphenols
Concen: 38.706 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:	107	Resp:	246452
Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.4	111.4
77	66.2	47.3	87.3
79	30.2	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

Tgt Ion:136 Resp: 368105

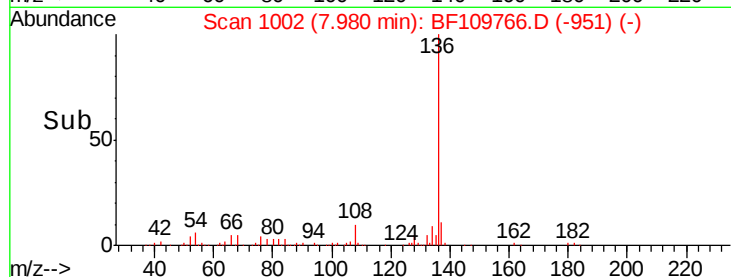
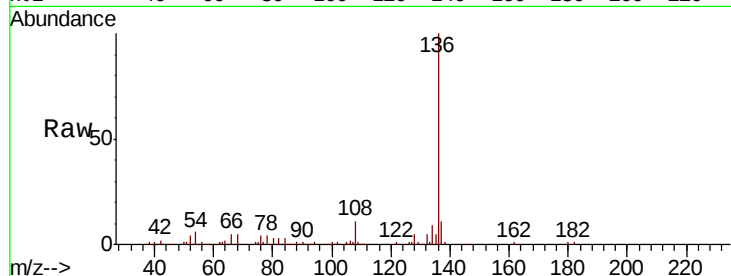
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.4 5.4 8.2

68 4.7 4.2 6.2

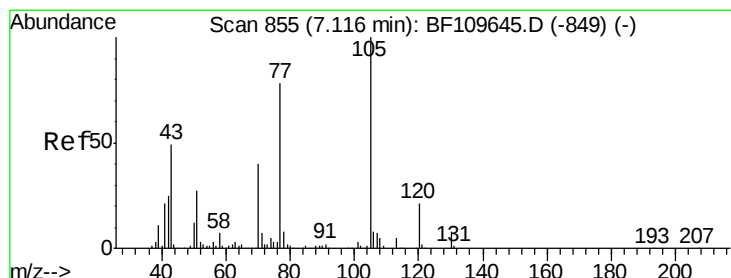
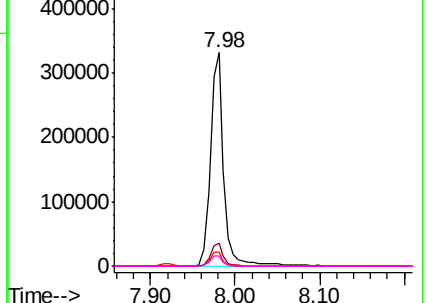


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.759 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Tgt Ion:105 Resp: 398425

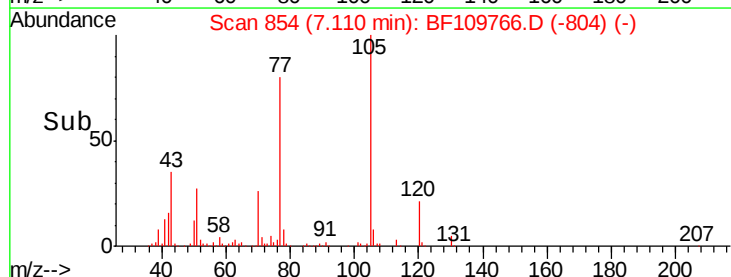
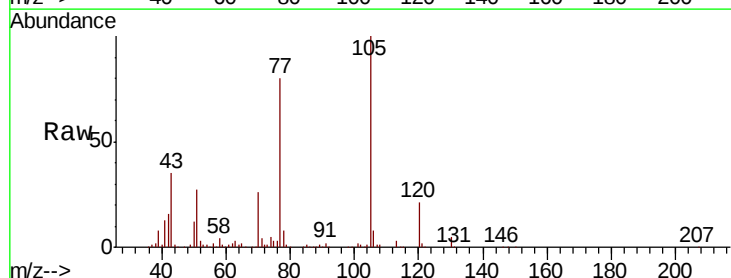
Ion Ratio Lower Upper

105 100

71 4.2 5.2 7.8#

51 27.3 21.8 32.8

120 21.1 17.0 25.4

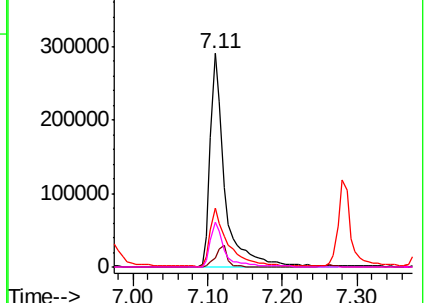


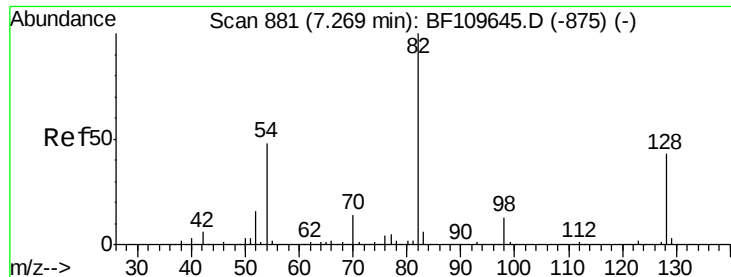
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

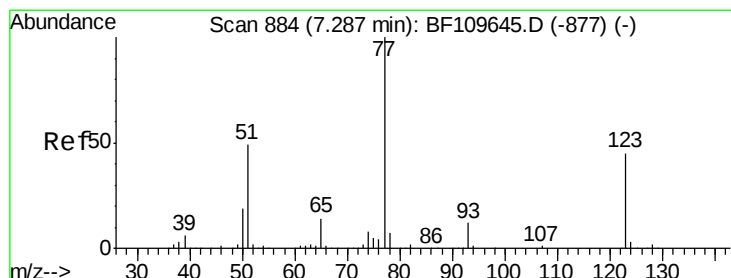
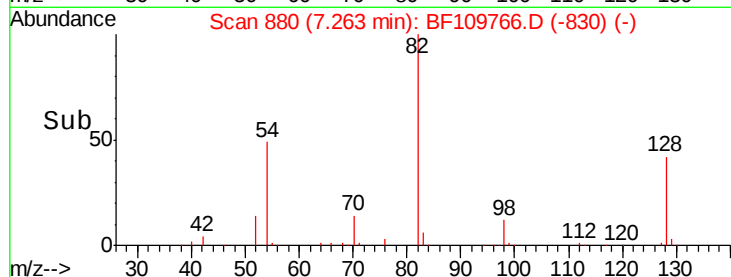
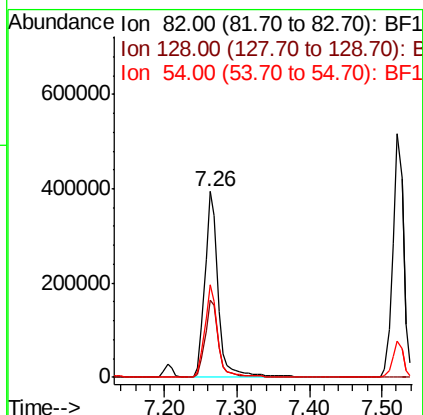
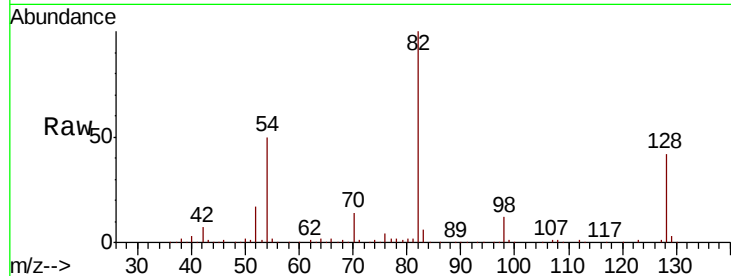




#23
 Nitrobenzene-d5
 Concen: 76.595 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

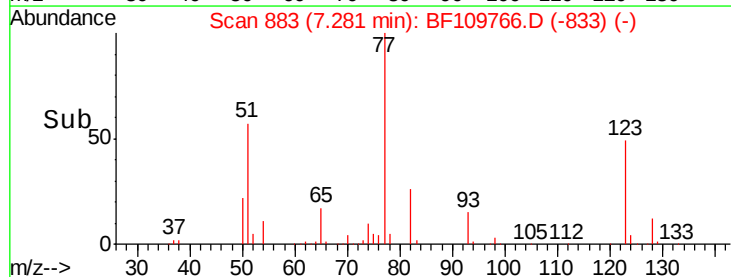
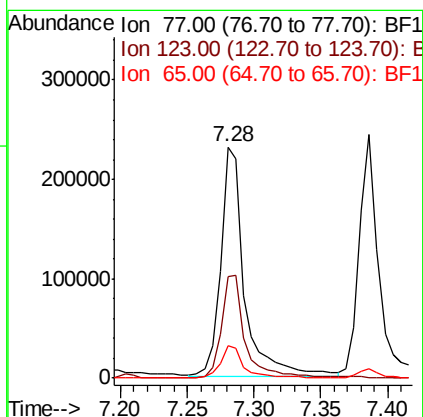
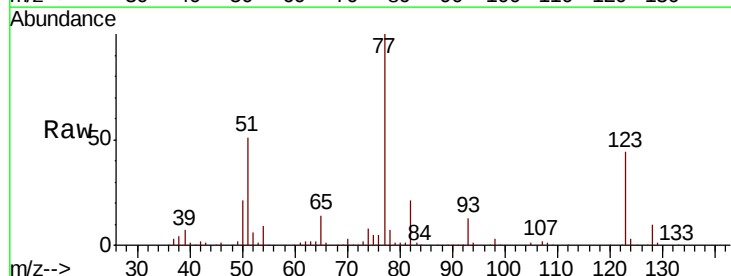
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

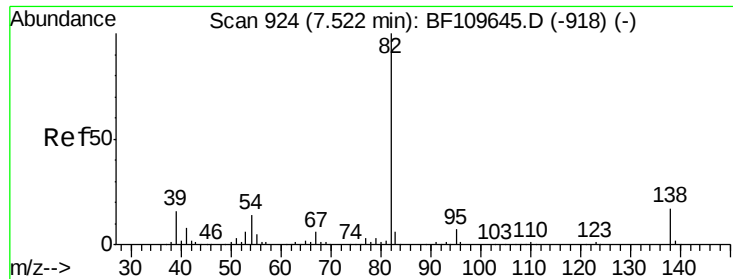
Tgt Ion: 82 Resp: 511489
 Ion Ratio Lower Upper
 82 100
 128 41.9 34.2 51.2
 54 49.8 38.6 58.0



#24
 Nitrobenzene
 Concen: 41.453 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion: 77 Resp: 288040
 Ion Ratio Lower Upper
 77 100
 123 43.8 35.7 53.5
 65 14.1 10.7 16.1

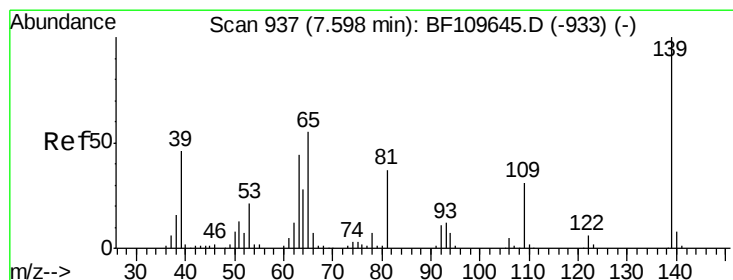
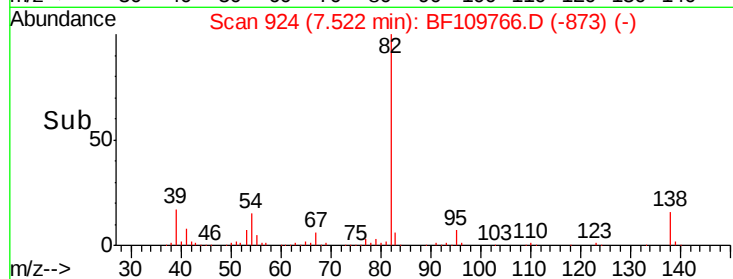
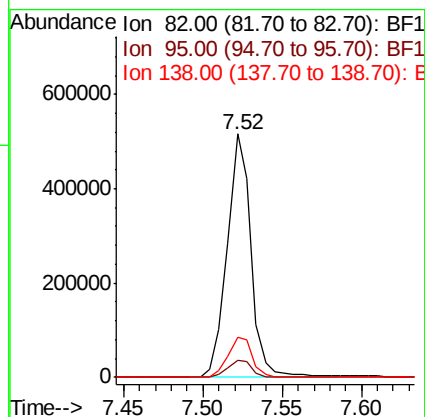
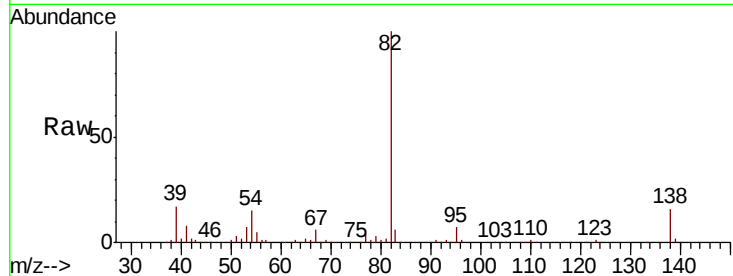




#25
Isophorone
Concen: 48.172 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

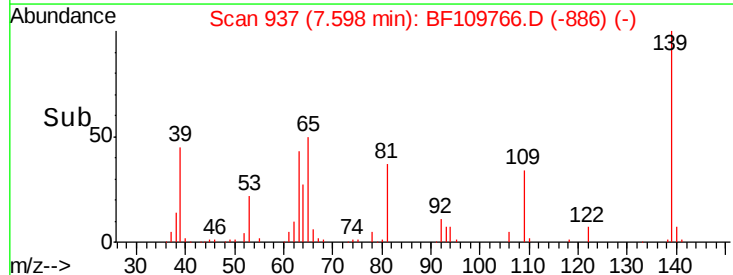
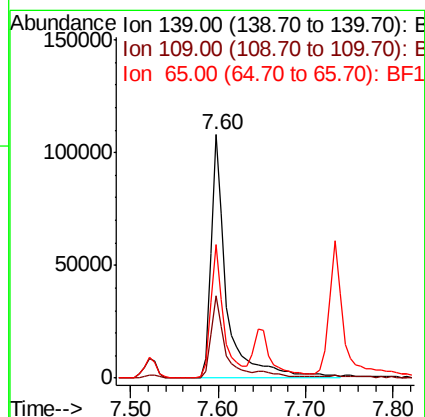
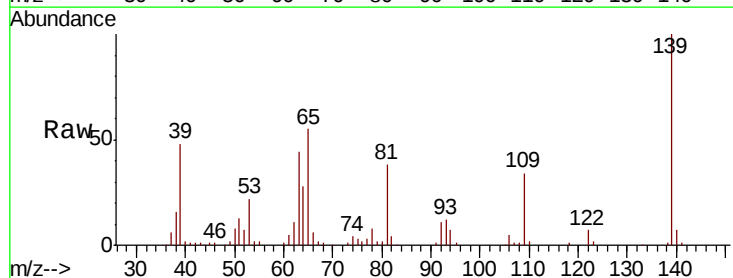
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

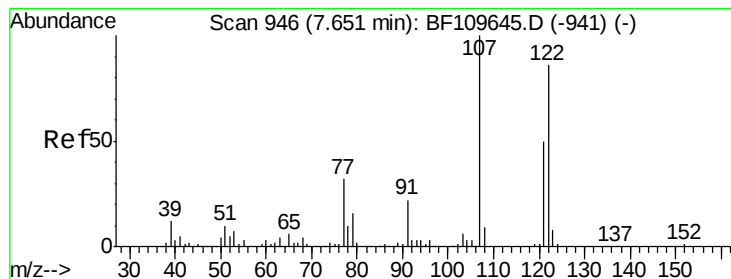
Tgt Ion: 82 Resp: 534179
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 16.2 13.2 19.8



#26
2-Nitrophenol
Concen: 41.358 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion: 139 Resp: 134423
Ion Ratio Lower Upper
139 100
109 33.9 25.0 37.6
65 55.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 47.614 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

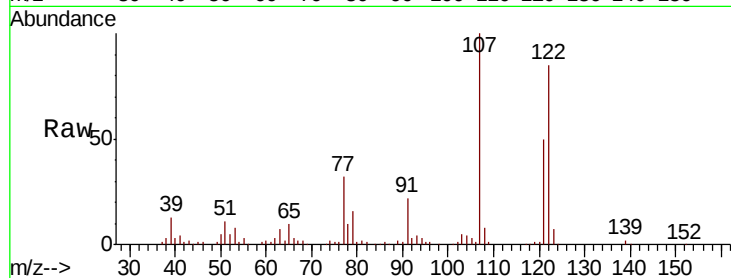
Tgt Ion: 122 Resp: 223478

Ion Ratio Lower Upper

122 100

107 117.0 92.5 138.7

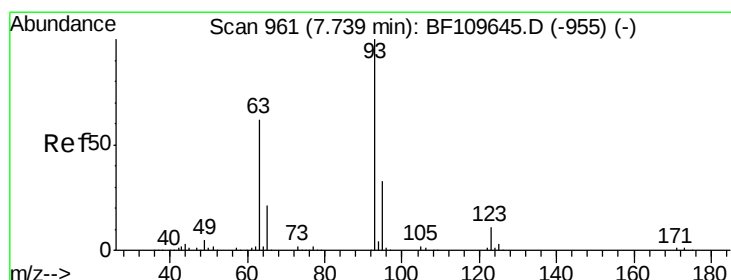
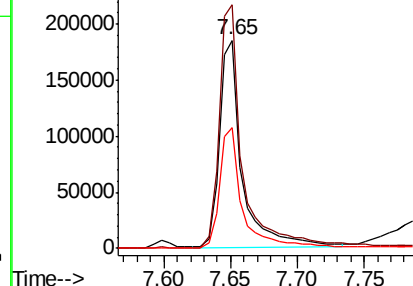
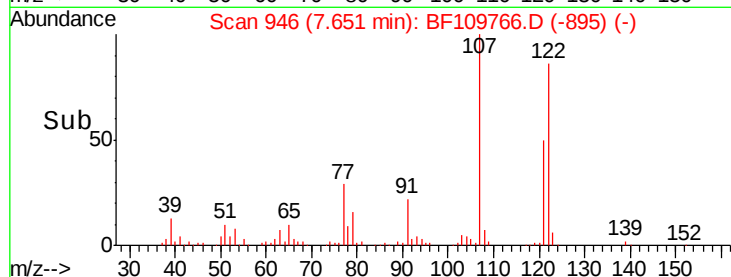
121 58.0 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.695 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

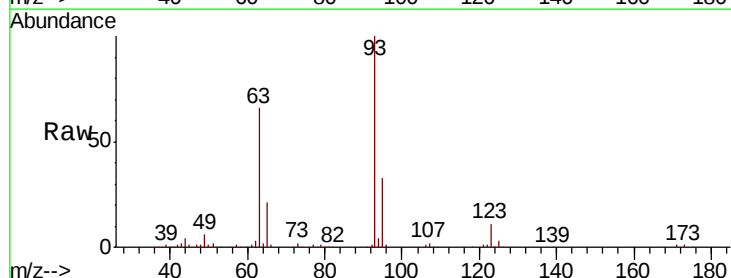
Tgt Ion: 93 Resp: 327737

Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

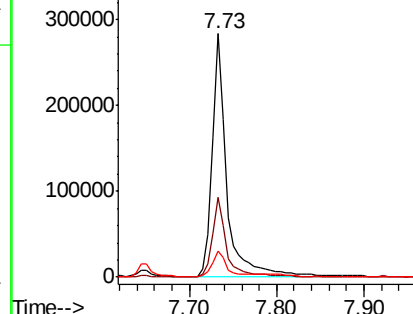
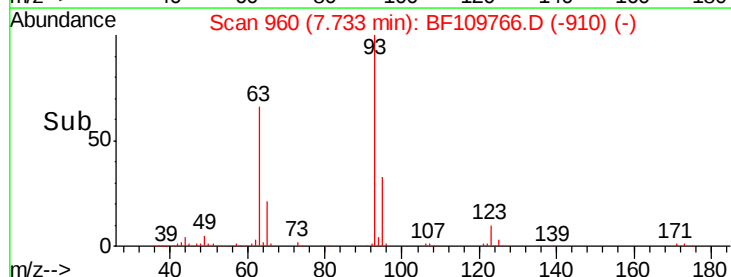
123 10.7 9.0 13.6

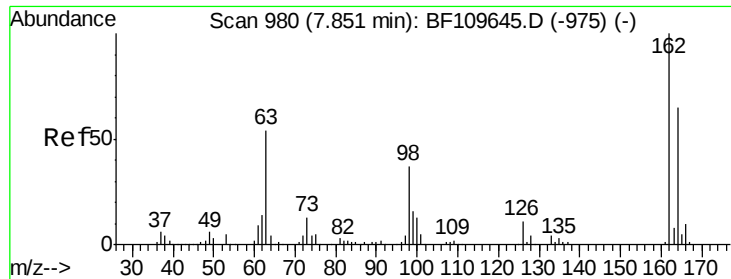


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

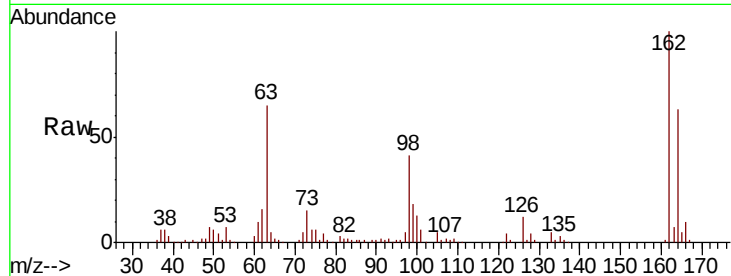




#29
2,4-Dichlorophenol
Concen: 43.854 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	41.1	17.4	57.4

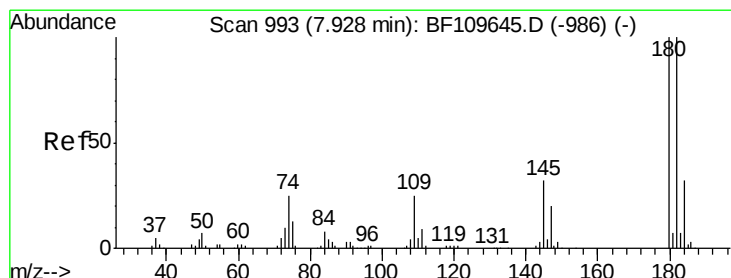
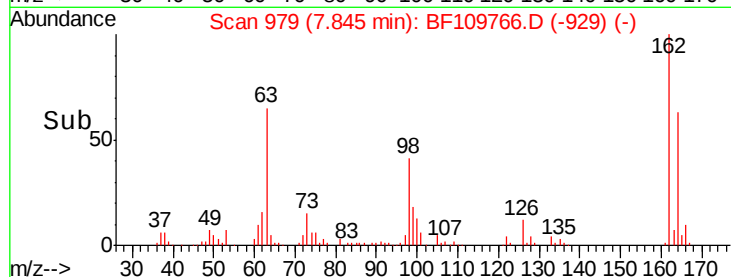
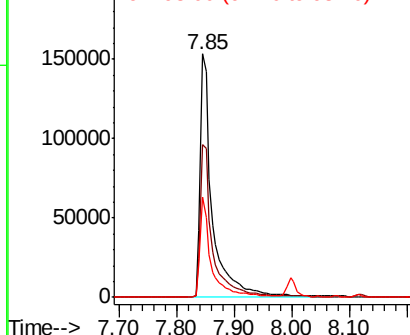


Abundance

Ion 162.00 (161.70 to 162.70): E

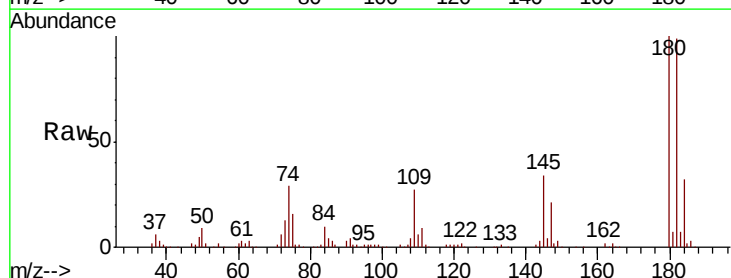
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 41.620 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	80.3	120.5
145	33.9	25.4	38.0

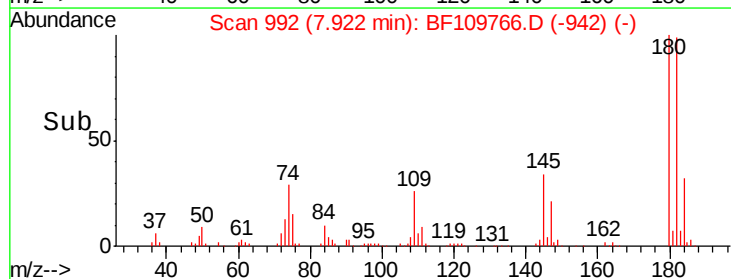
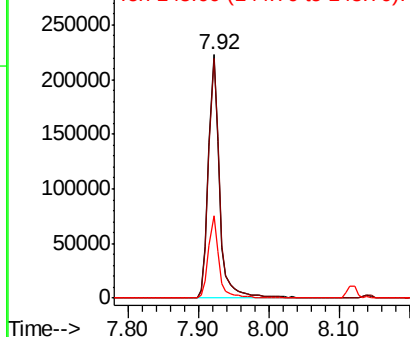


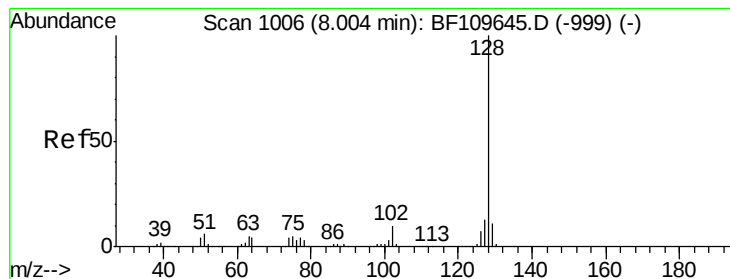
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.933 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

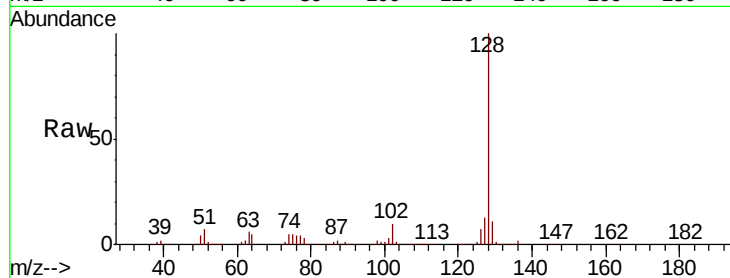
Tgt Ion:128 Resp: 833033

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

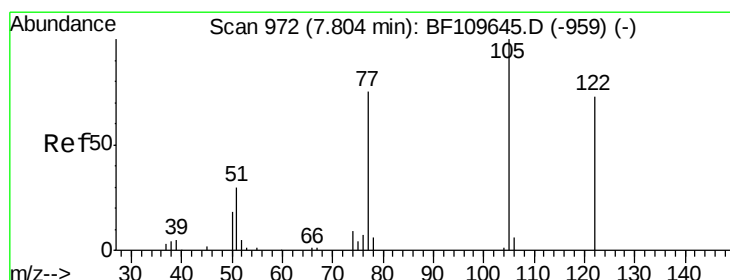
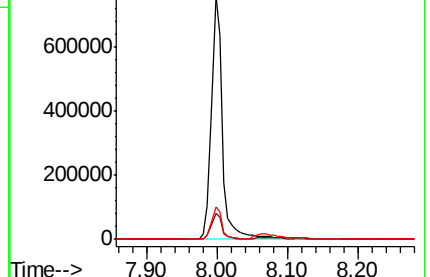
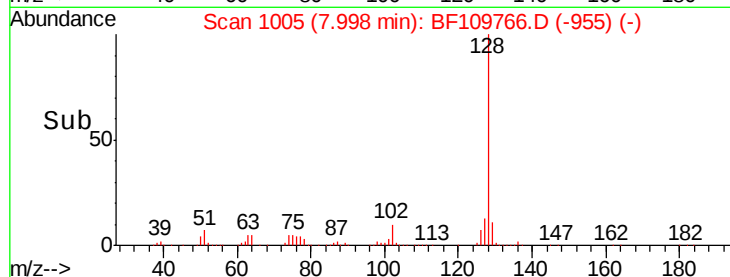
127 13.1 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.588 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

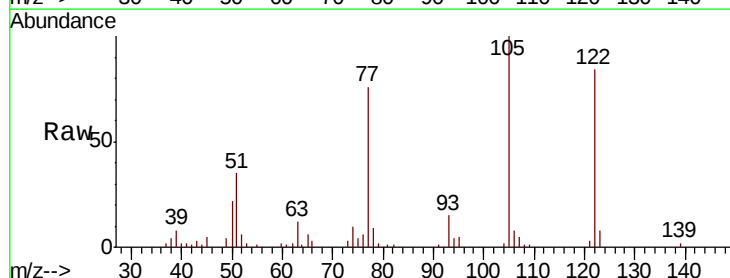
Tgt Ion:122 Resp: 89220

Ion Ratio Lower Upper

122 100

105 118.9 109.0 149.0

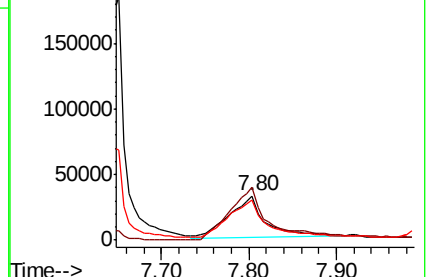
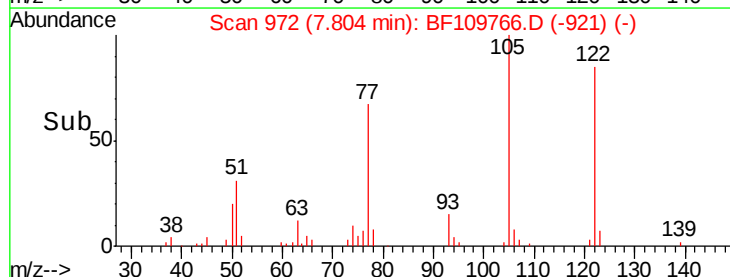
77 90.3 79.0 119.0

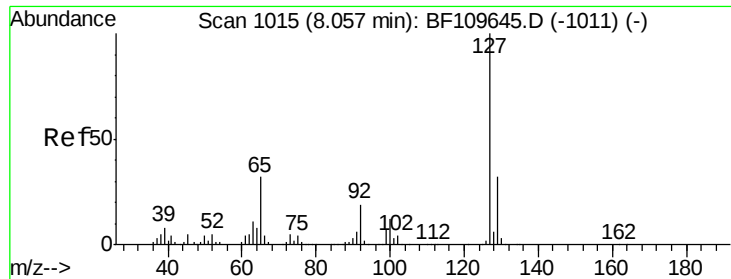


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

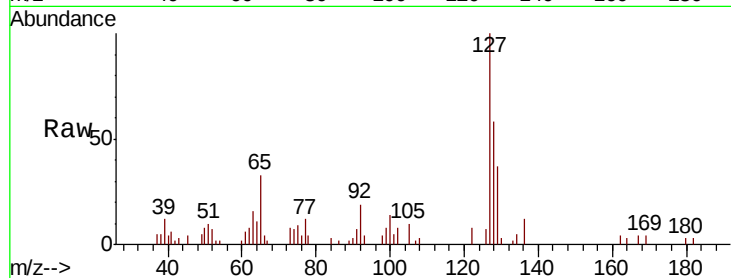




#33
4-Chloroaniline
Concen: 7.401 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion:	127	Resp:	55483
Ion	Ratio	Lower	Upper
127	100		
129	37.4	26.0	39.0
65	33.2	25.1	37.7
92	19.4	15.0	22.6



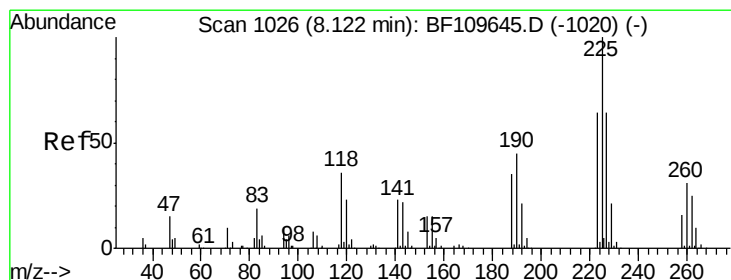
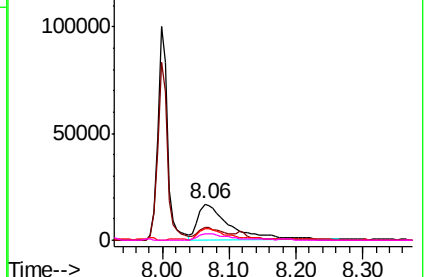
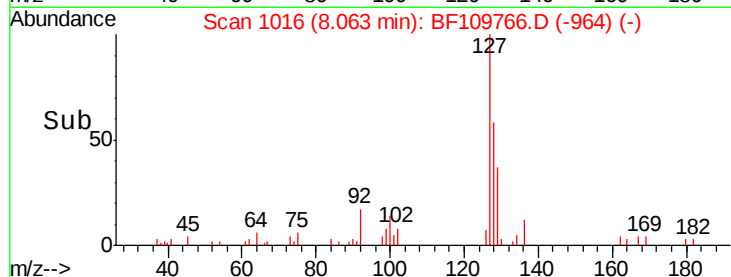
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

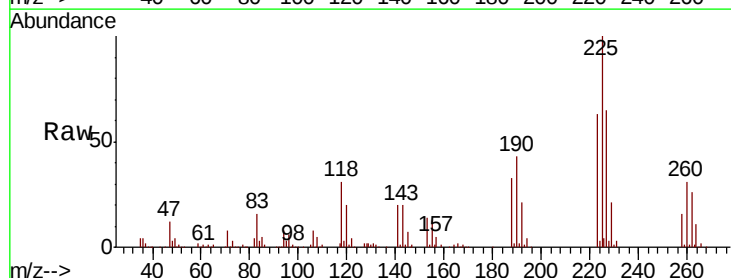
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.801 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:	225	Resp:	147844
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.4	77.2
227	65.0	51.0	76.6

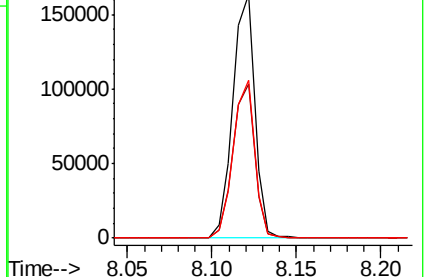
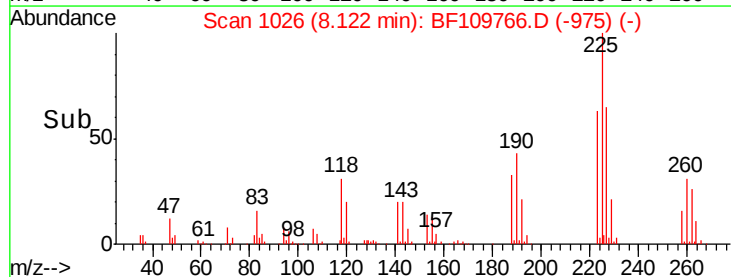


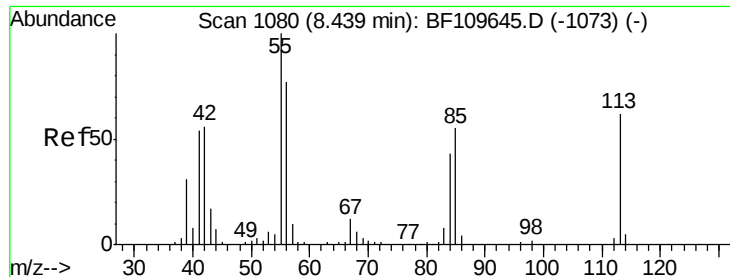
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

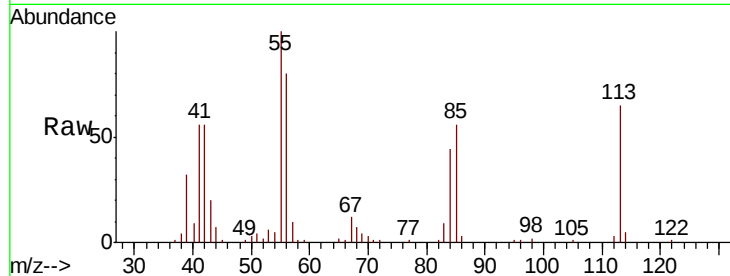




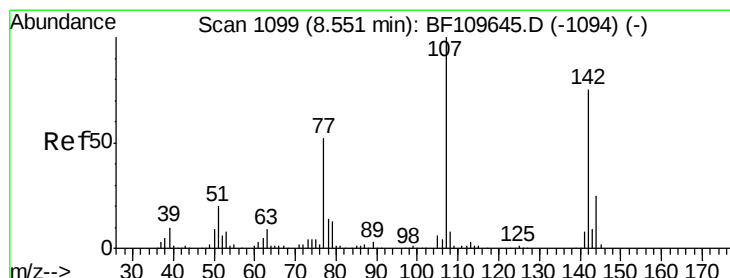
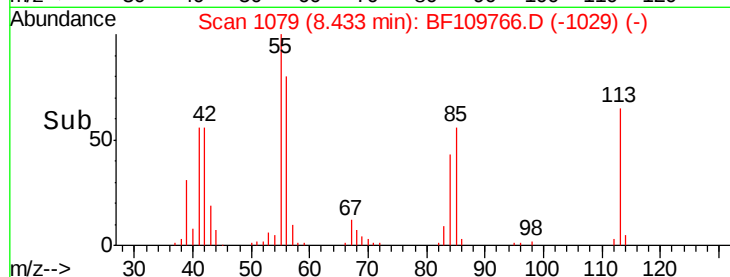
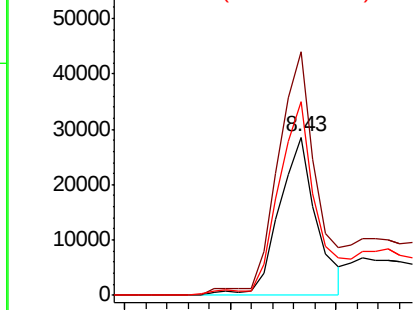
#35
 Caprolactam
 Concen: 22.367 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion:113 Resp: 35166
 Ion Ratio Lower Upper
 113 100
 55 153.8 142.8 182.8
 56 122.5 105.0 145.0

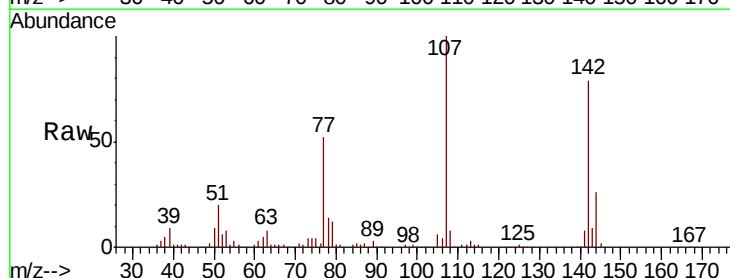


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

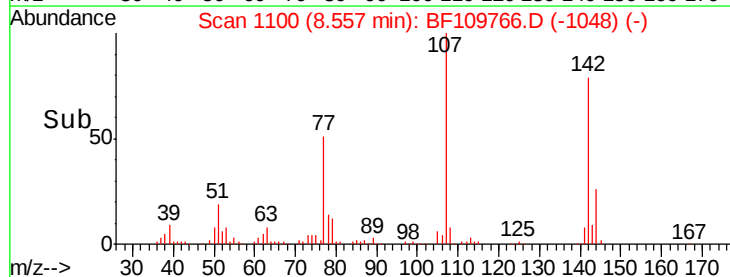
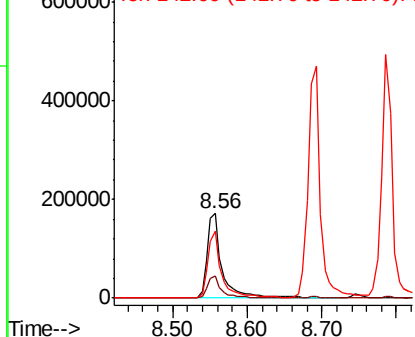


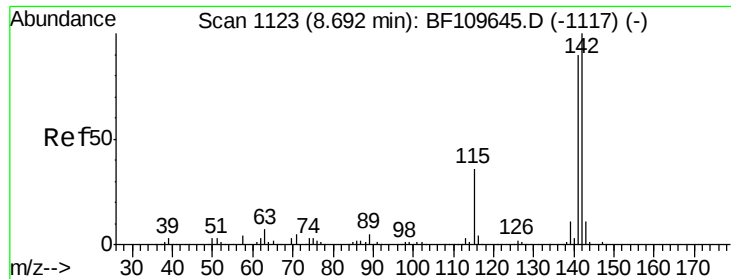
#36
 4-Chloro-3-methylphenol
 Concen: 43.777 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion:107 Resp: 243277
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 78.8 59.7 89.5



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

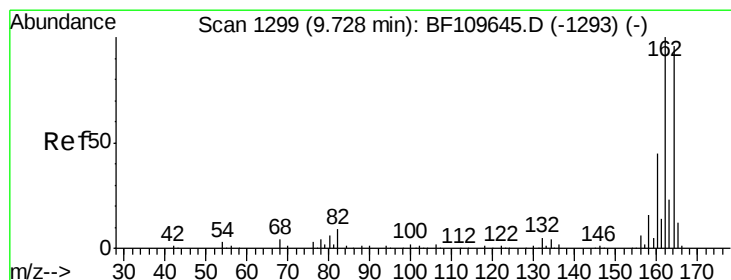
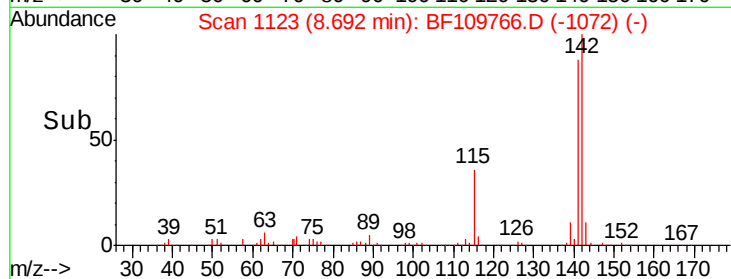
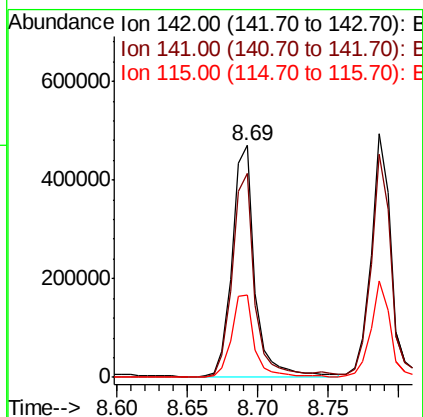
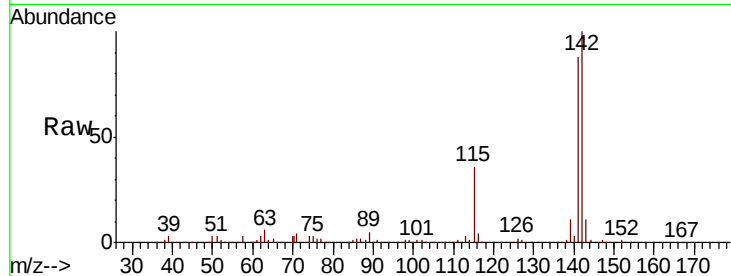




#37
2-Methylnaphthalene
Concen: 47.417 ng
RT: 8.69 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

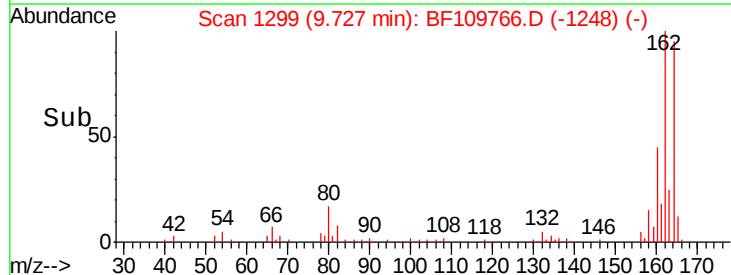
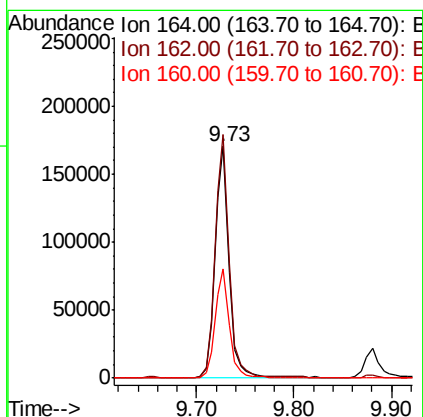
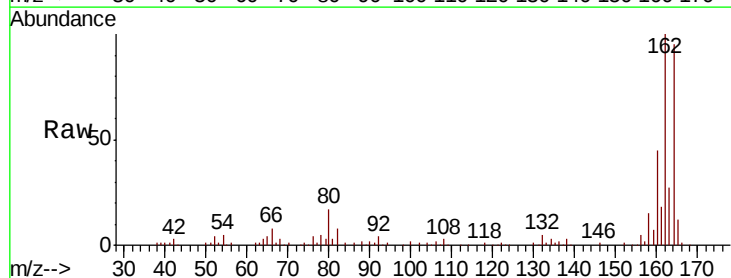
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

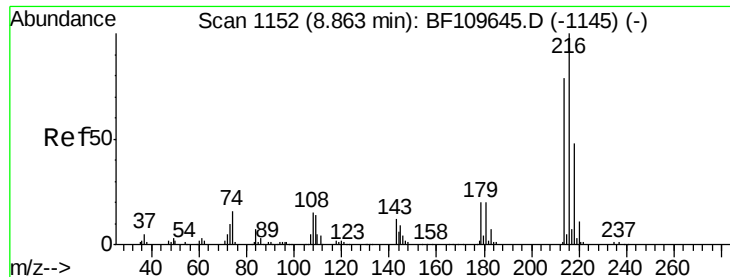
Tgt Ion:142 Resp: 528760
Ion Ratio Lower Upper
142 100
141 87.8 71.4 107.2
115 35.8 28.7 43.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:164 Resp: 170282
Ion Ratio Lower Upper
164 100
162 105.0 83.0 124.6
160 47.1 37.0 55.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.611 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

Tgt Ion: 216 Resp: 246991

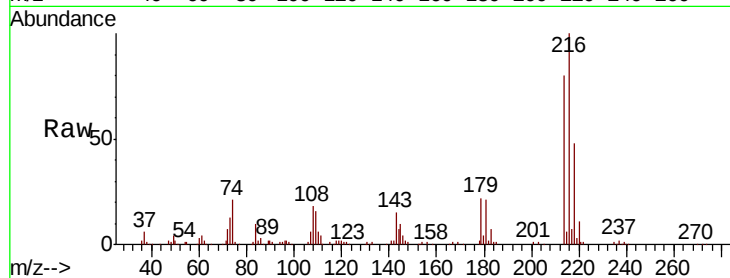
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.6

179 21.4 16.6 25.0

108 19.1 15.1 22.7

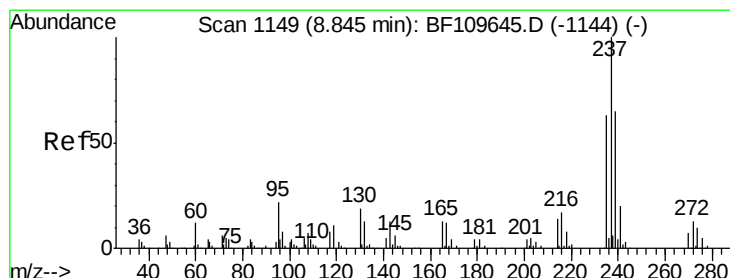
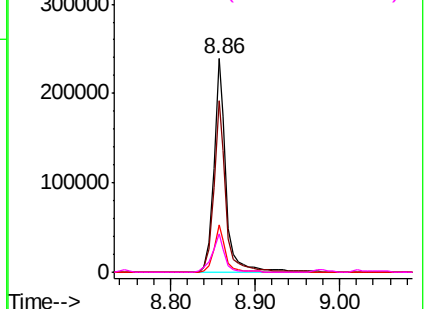
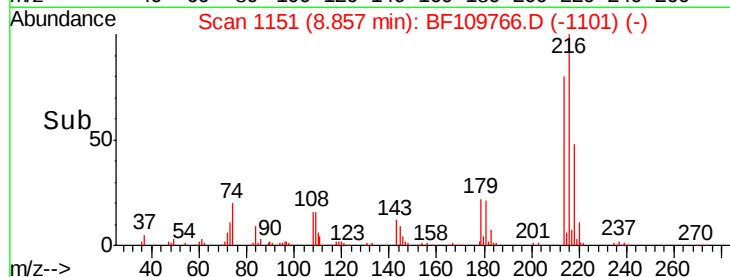


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.098 ng

RT: 8.85 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

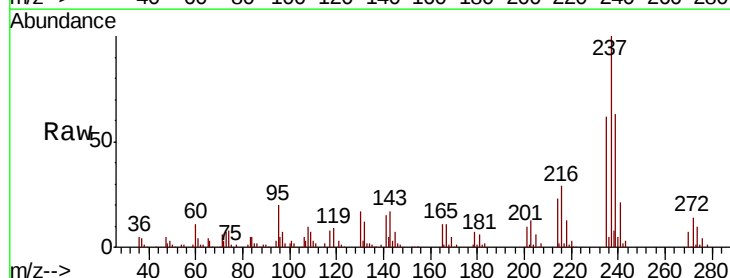
Tgt Ion: 237 Resp: 102907

Ion Ratio Lower Upper

237 100

235 62.0 43.1 83.1

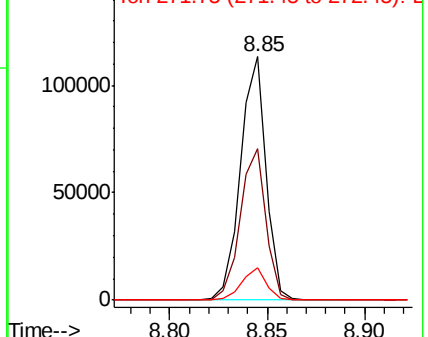
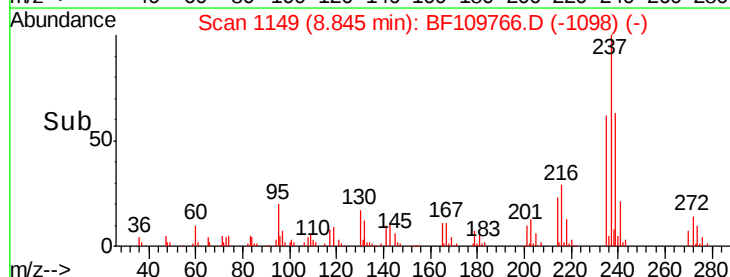
272 13.5 0.0 32.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

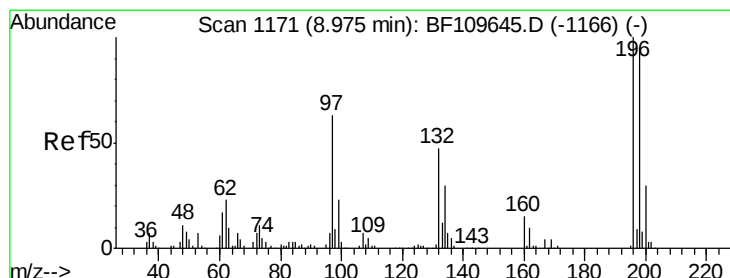
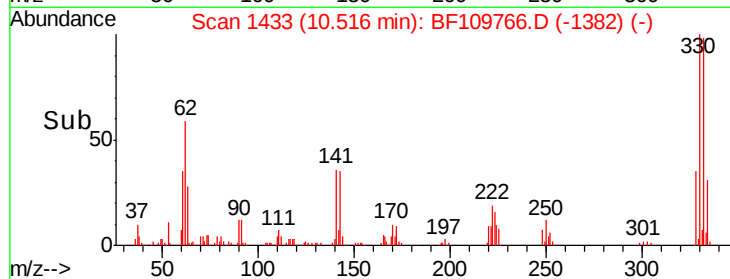
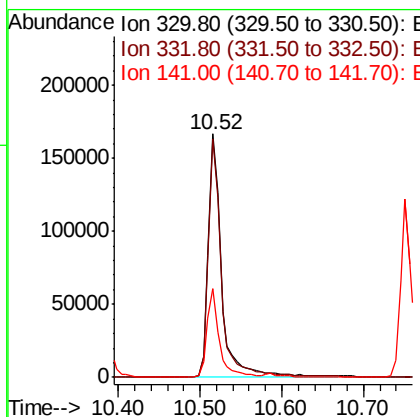
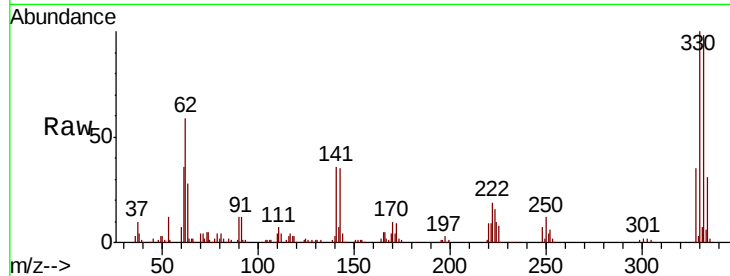




#41
 2,4,6-Tribromophenol
 Concen: 102.635 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

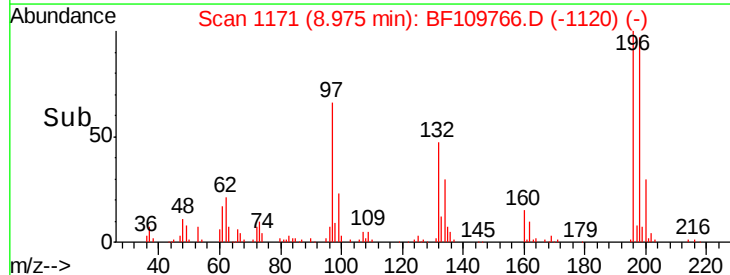
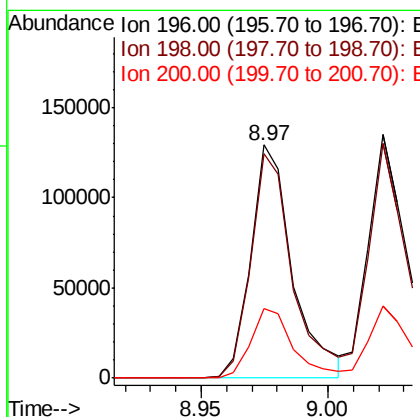
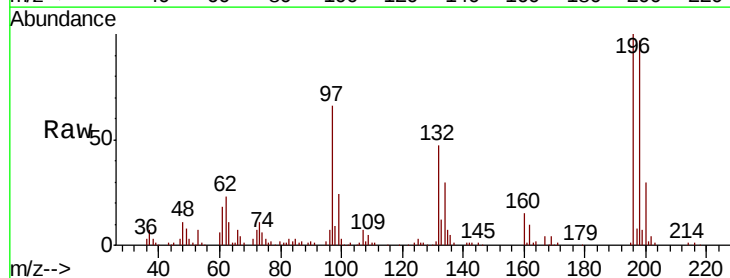
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

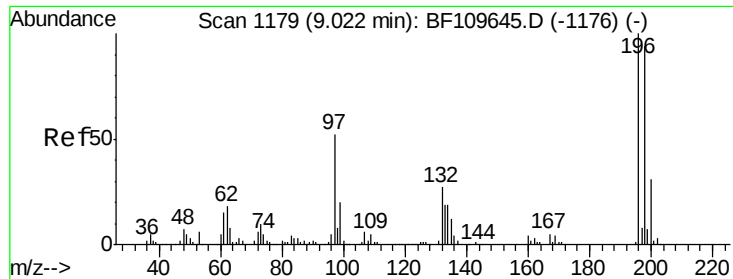
Tgt Ion:330 Resp: 190429
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.1 115.7
 141 33.7 27.0 40.4



#42
 2,4,6-Trichlorophenol
 Concen: 42.724 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion:196 Resp: 148041
 Ion Ratio Lower Upper
 196 100
 198 96.5 76.2 114.4
 200 30.0 24.4 36.6

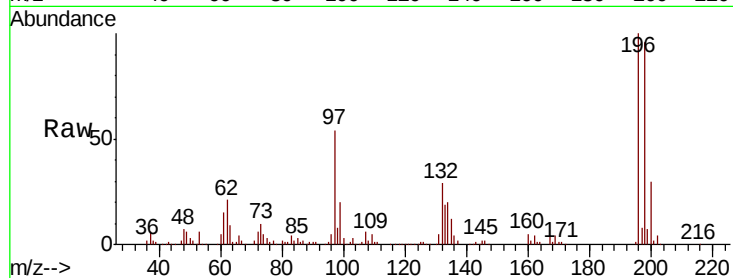




#43
 2,4,5-Trichlorophenol
 Concen: 42.719 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.8	113.6
97	54.3	42.4	63.6
132	29.5	22.8	34.2



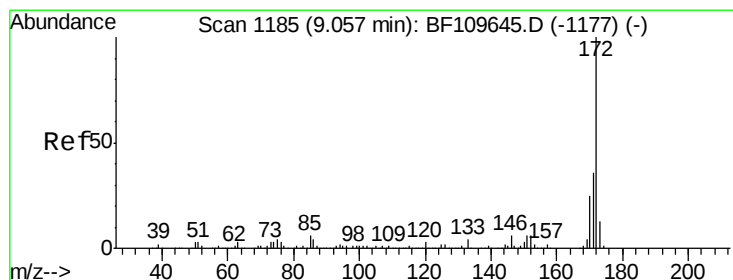
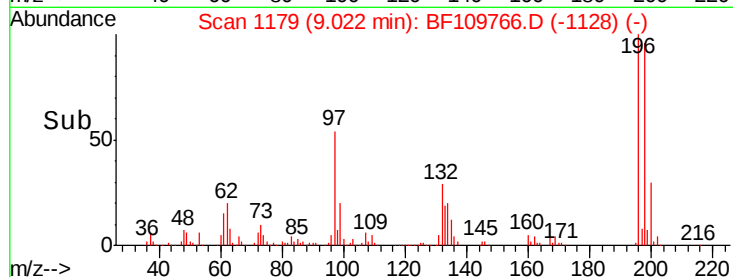
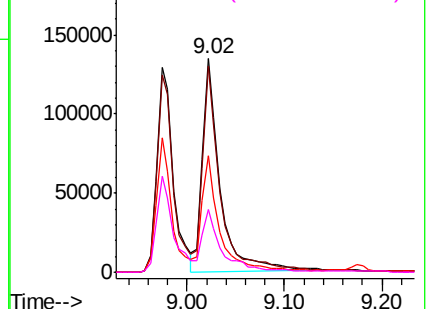
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

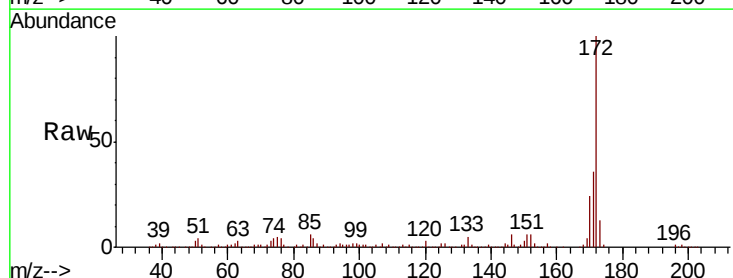
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.497 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.4	19.7	29.5

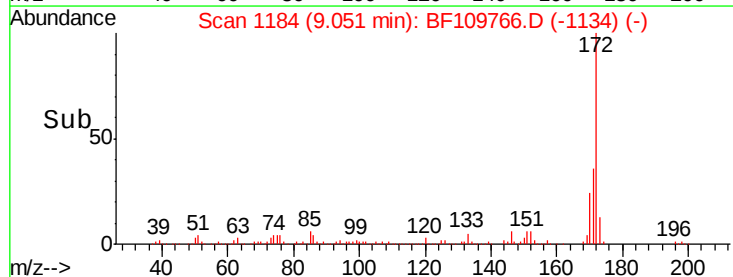
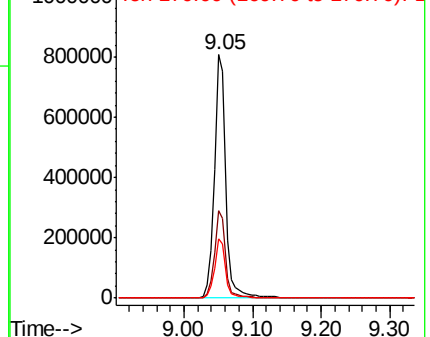


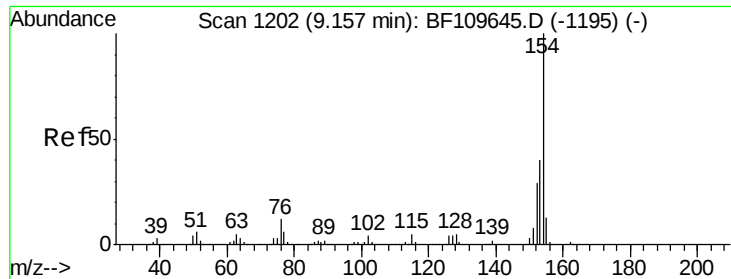
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

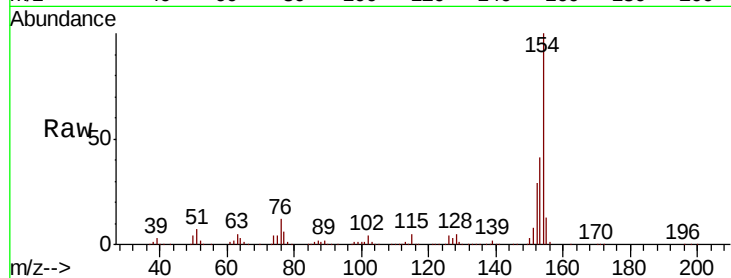




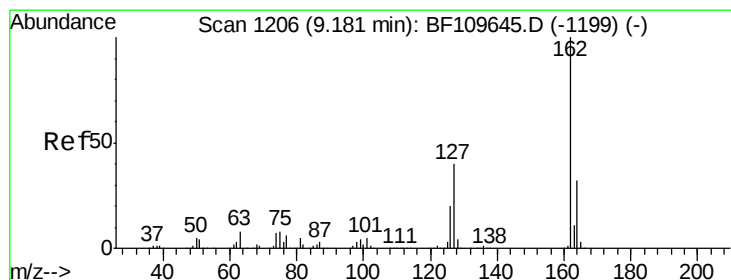
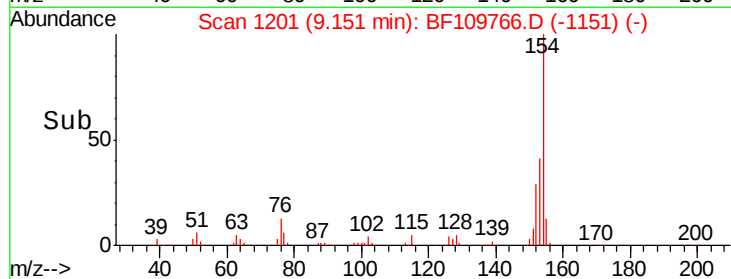
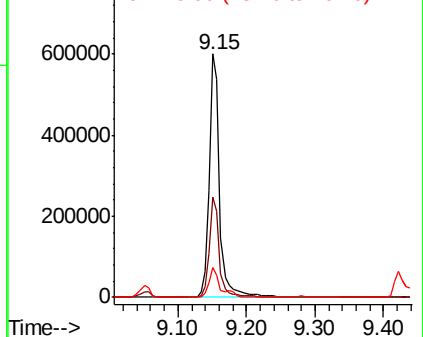
#45
 1,1'-Biphenyl
 Concen: 42.206 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.4	60.4
76	12.5	0.0	31.9

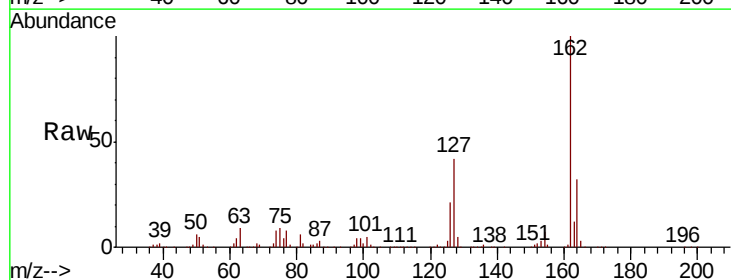


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

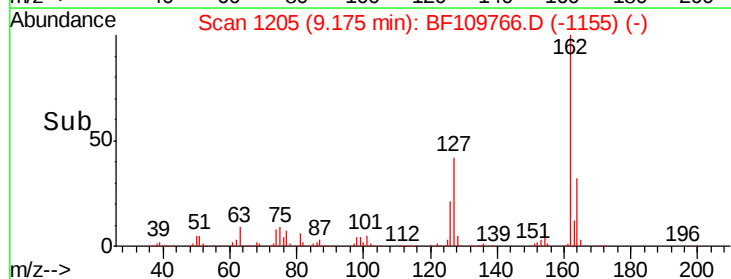
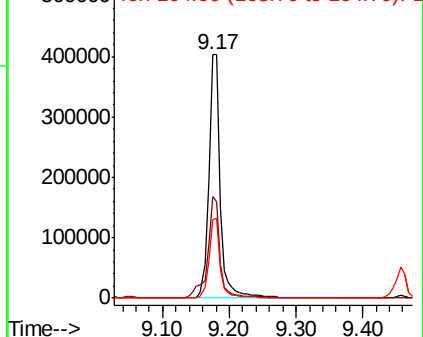


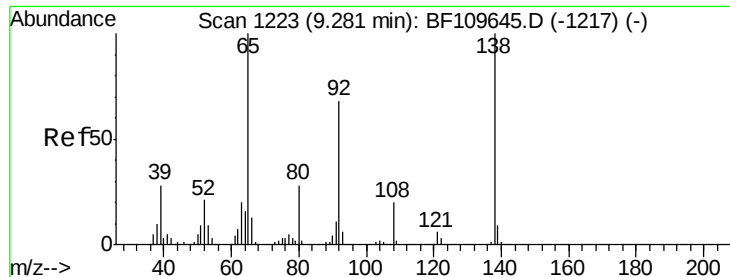
#46
 2-Chloronaphthalene
 Concen: 42.698 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.6	48.8
164	32.5	25.9	38.9



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

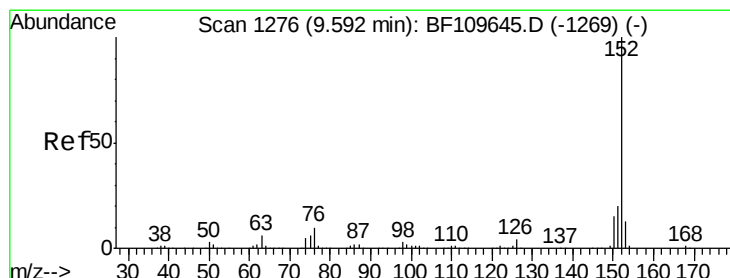
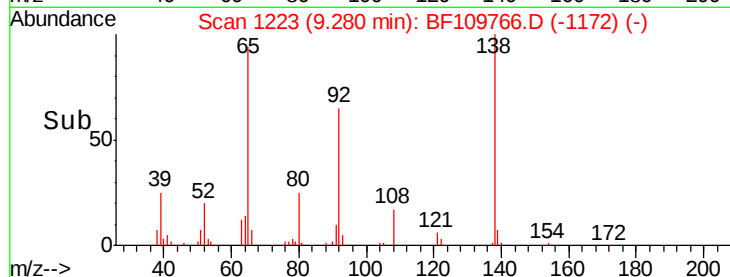
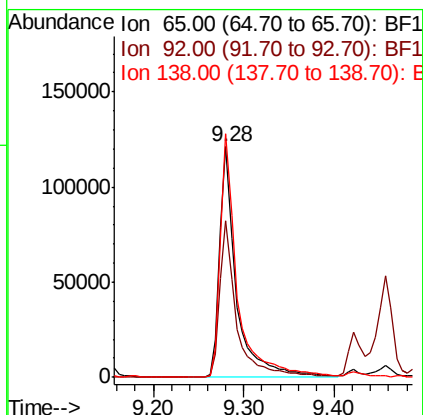
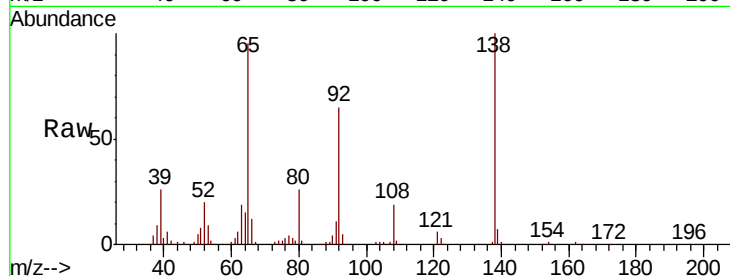




#47
2-Nitroaniline
Concen: 45.061 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

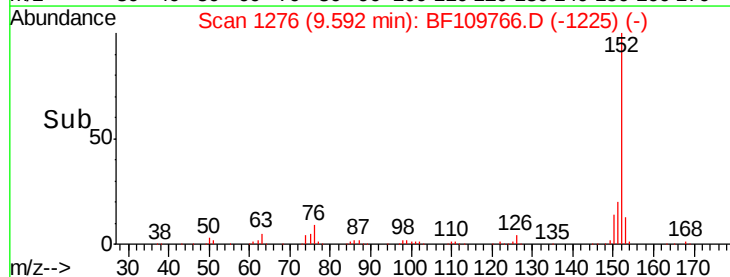
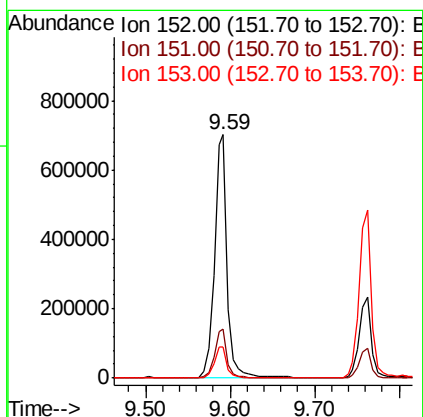
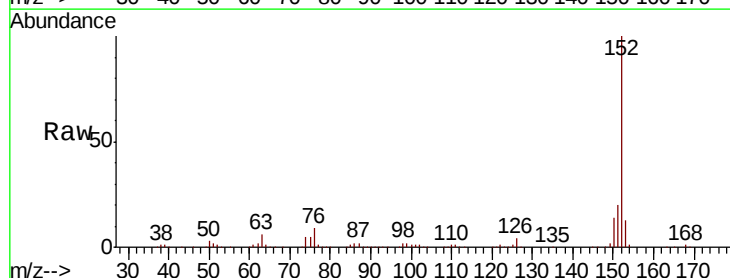
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

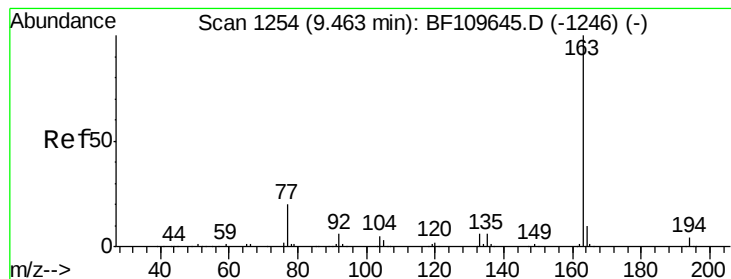
Tgt Ion: 65 Resp: 155500
Ion Ratio Lower Upper
65 100
92 68.2 54.6 81.8
138 105.6 80.3 120.5



#48
Acenaphthylene
Concen: 45.641 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion: 152 Resp: 758326
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.0 10.4 15.6





#49

Dimethylphthalate

Concen: 47.189 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

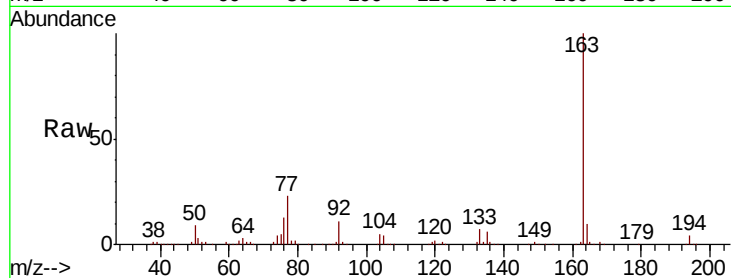
Tgt Ion:163 Resp: 589325

Ion Ratio Lower Upper

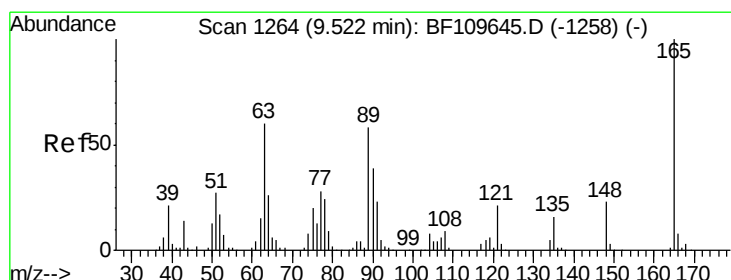
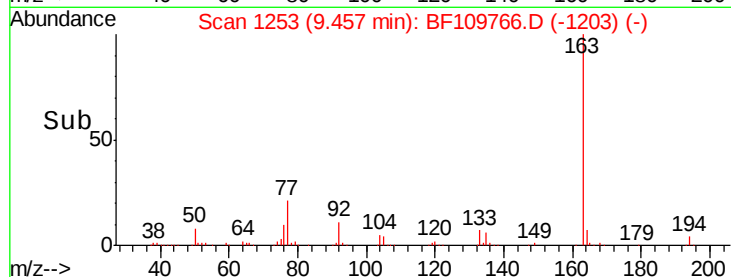
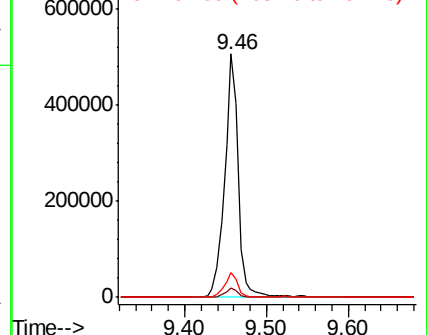
163 100

194 3.8 3.2 4.8

164 10.2 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 45.279 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

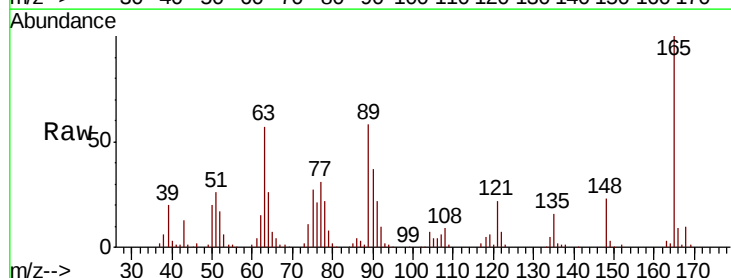
Tgt Ion:165 Resp: 122574

Ion Ratio Lower Upper

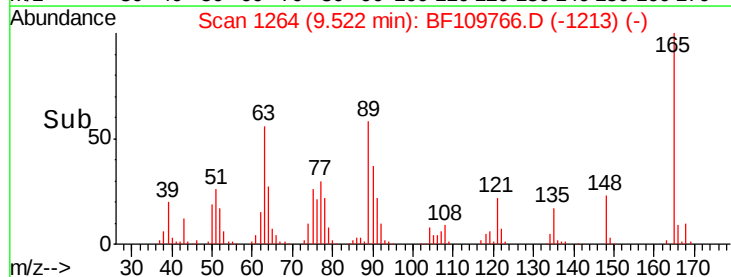
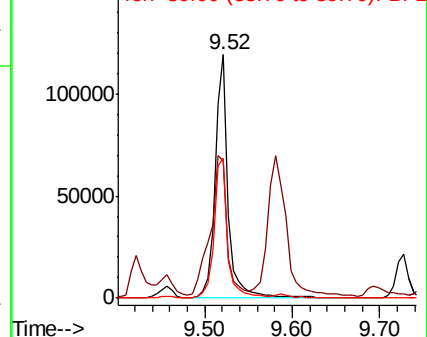
165 100

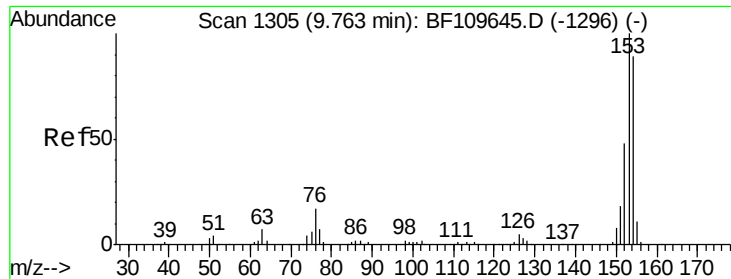
63 56.6 48.9 73.3

89 57.7 46.6 69.8



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

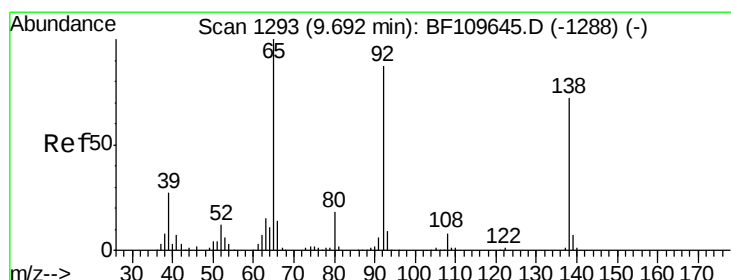
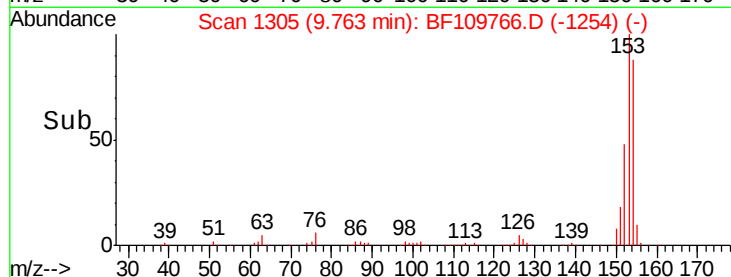
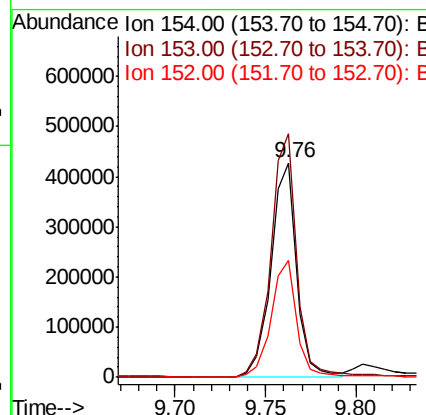
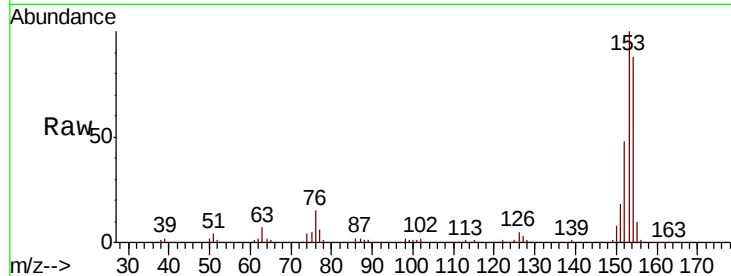




#51
Acenaphthene
Concen: 42.802 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

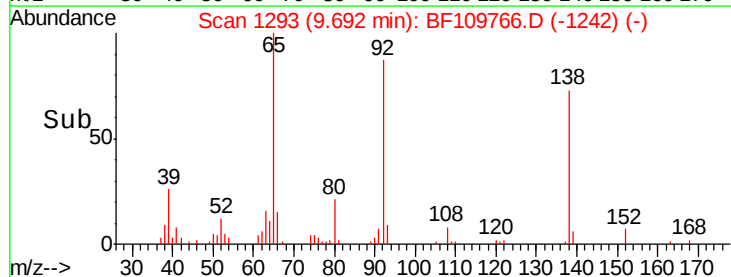
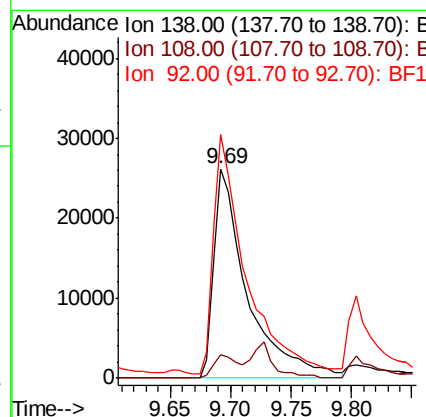
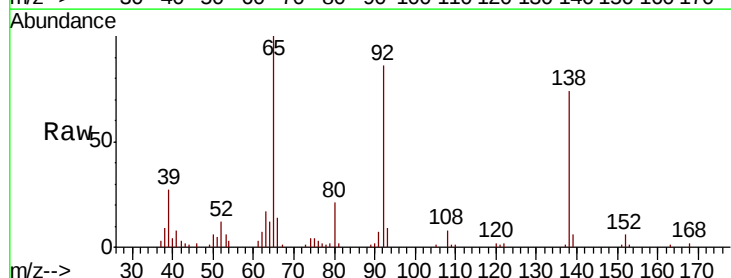
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

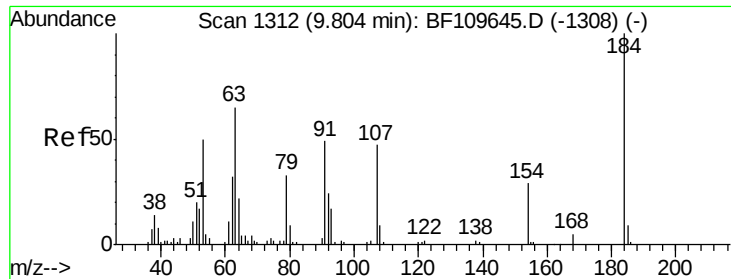
Tgt Ion:154 Resp: 421572
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 54.6 43.4 65.2



#52
3-Nitroaniline
Concen: 16.566 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:138 Resp: 50272
Ion Ratio Lower Upper
138 100
108 11.4 8.7 13.1
92 116.2 97.0 145.4

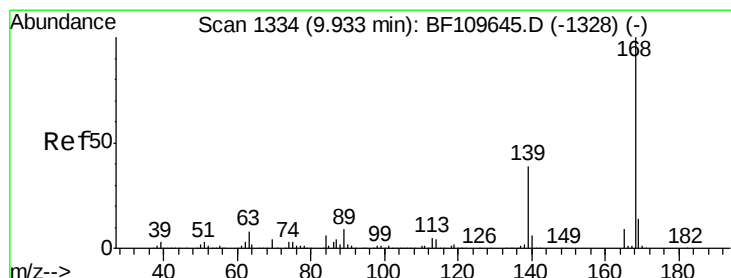
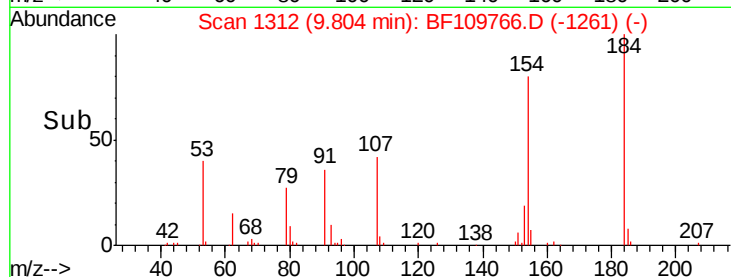
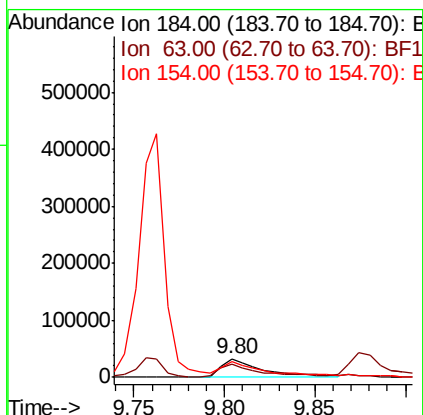
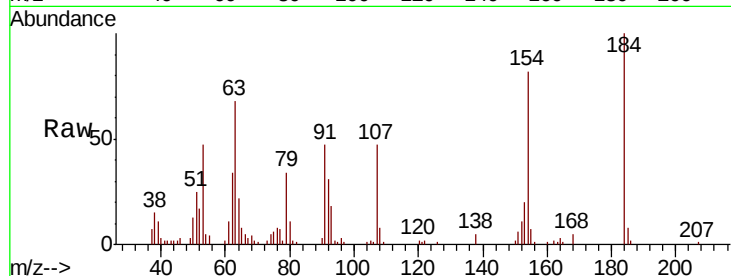




#53
2,4-Dinitrophenol
Concen: 59.270 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

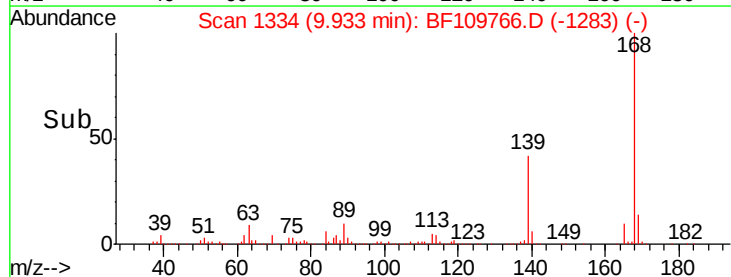
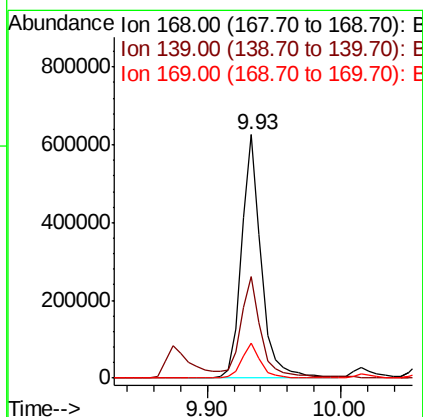
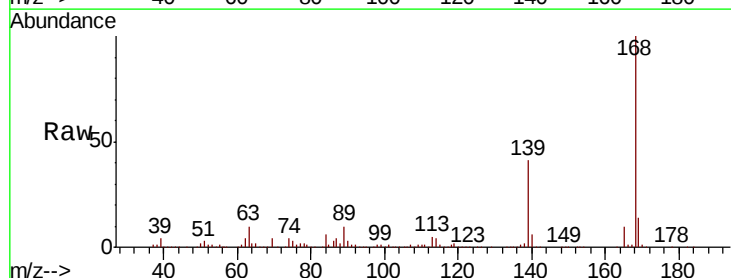
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

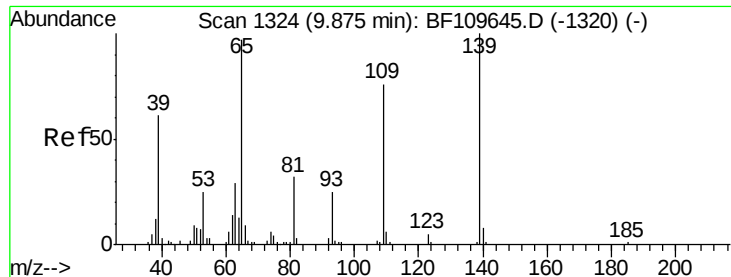
Tgt Ion:184 Resp: 51767
Ion Ratio Lower Upper
184 100
63 68.3 55.8 83.6
154 81.7 63.2 94.8



#54
Dibenzofuran
Concen: 43.089 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:168 Resp: 636159
Ion Ratio Lower Upper
168 100
139 41.4 33.0 49.6
169 14.3 11.3 16.9

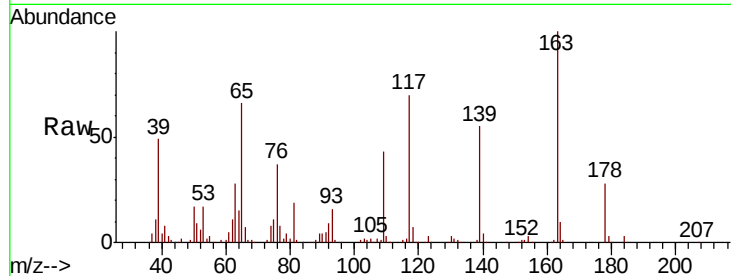




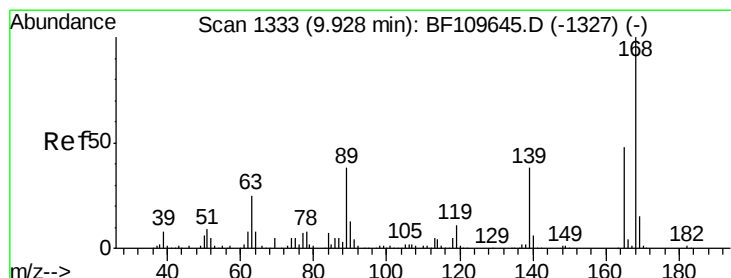
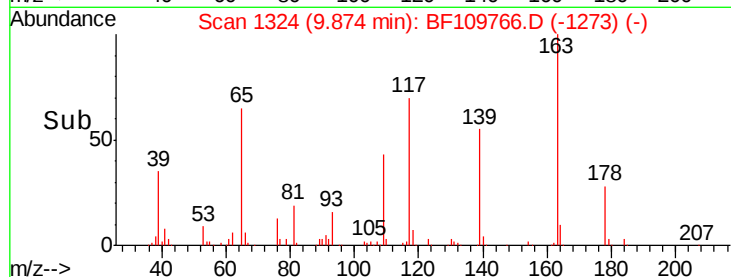
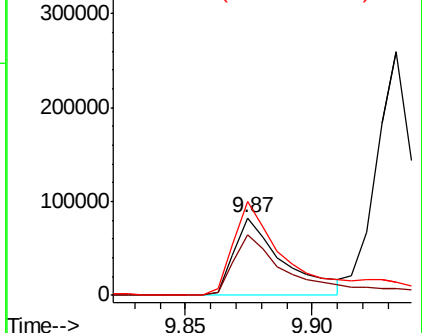
#55
4-Nitrophenol
Concen: 67.565 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion:139 Resp: 112227
Ion Ratio Lower Upper
139 100
109 78.7 55.8 95.8
65 120.6 77.9 117.9#



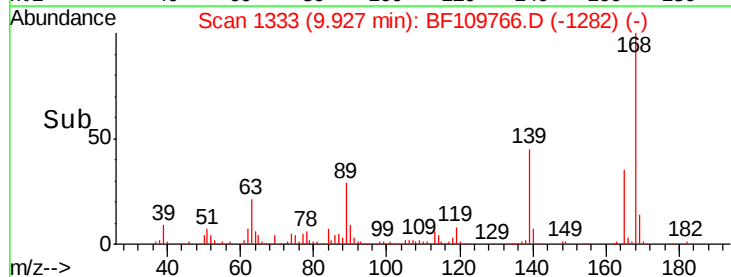
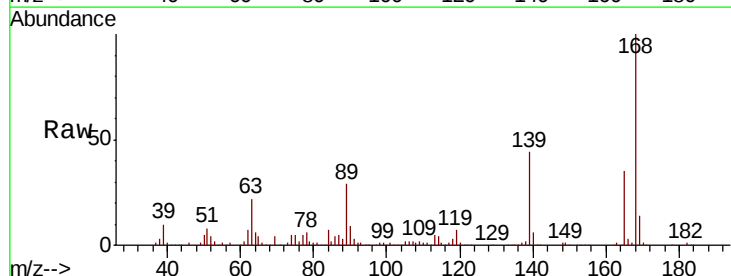
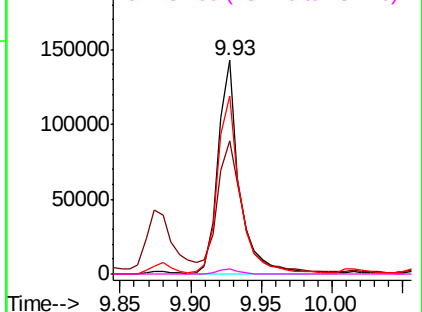
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

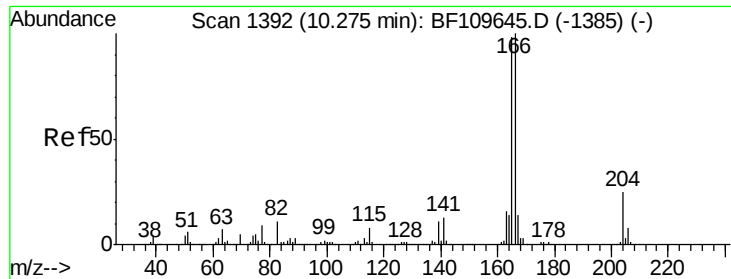


#56
2,4-Dinitrotoluene
Concen: 44.185 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:165 Resp: 149273
Ion Ratio Lower Upper
165 100
63 62.5 44.8 67.2
89 83.0 62.2 93.4
182 2.6 2.1 3.1

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





#57

Fluorene

Concen: 45.422 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

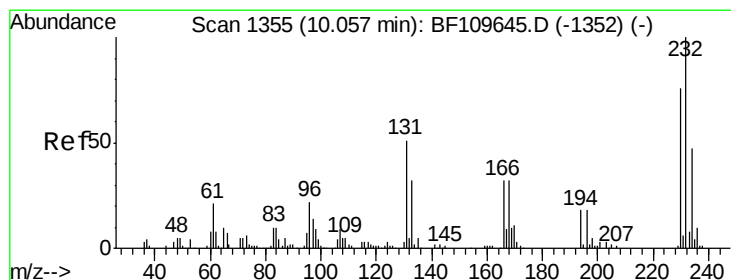
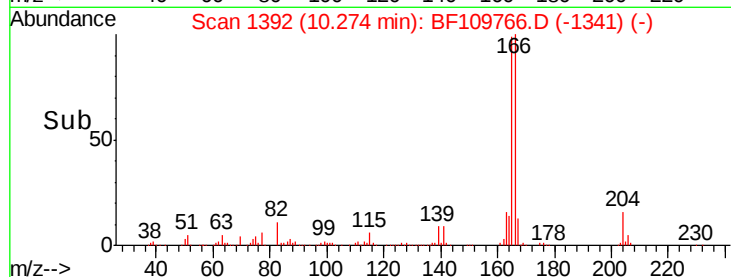
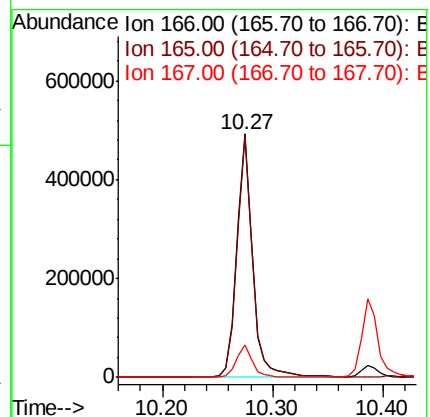
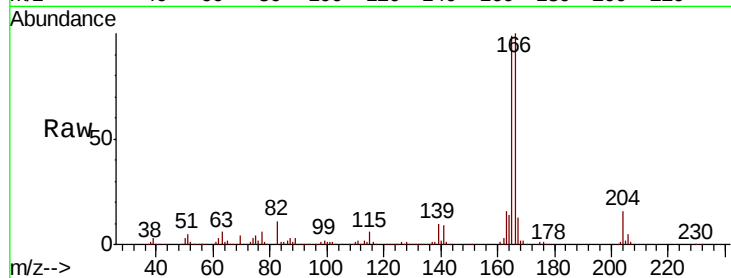
Tgt Ion:166 Resp: 500803

Ion Ratio Lower Upper

166 100

165 99.2 78.6 117.8

167 13.4 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.063 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Tgt Ion:232 Resp: 142706

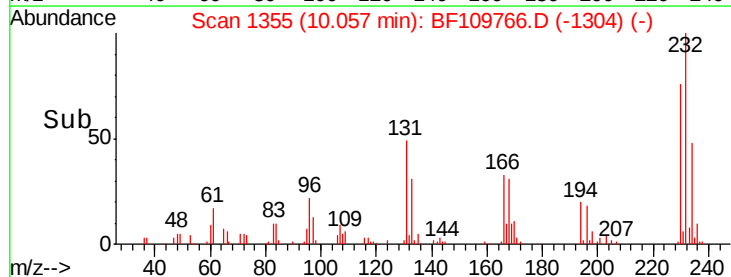
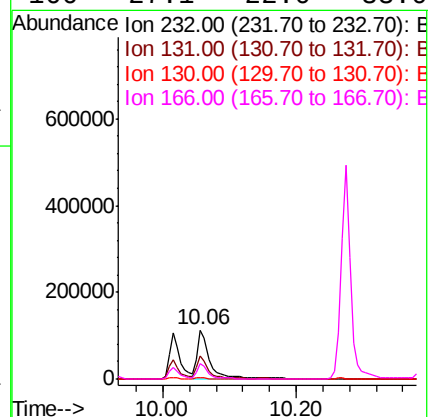
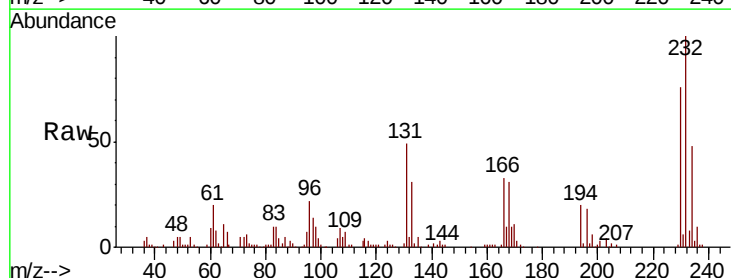
Ion Ratio Lower Upper

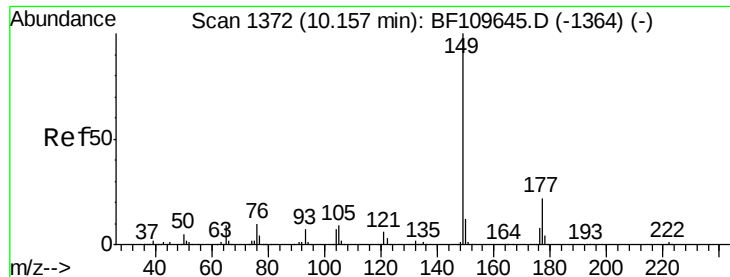
232 100

131 42.2 37.0 55.4

130 2.2 1.8 2.6

166 27.1 22.0 33.0

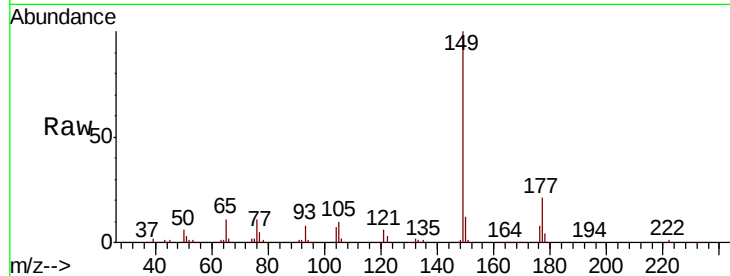




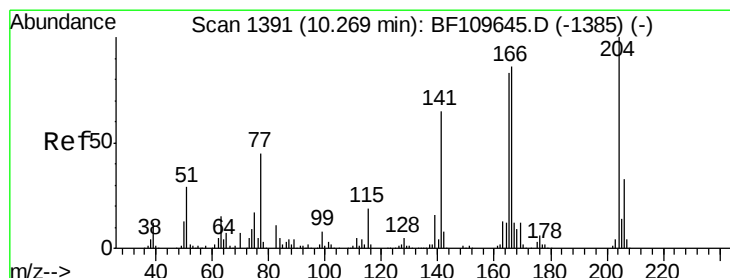
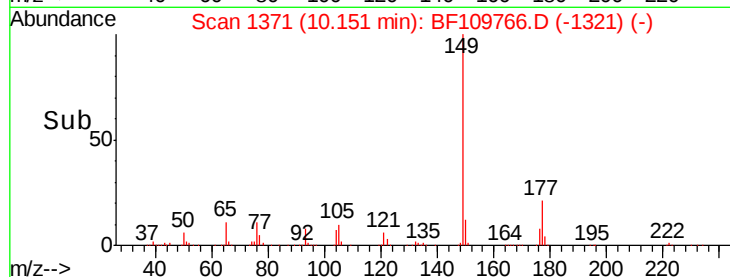
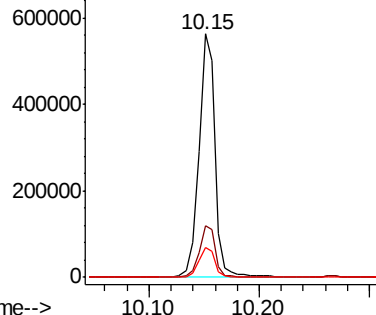
#59
Diethylphthalate
Concen: 46.635 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion:149 Resp: 577058
Ion Ratio Lower Upper
149 100
177 21.1 17.4 26.2
150 12.4 9.8 14.8

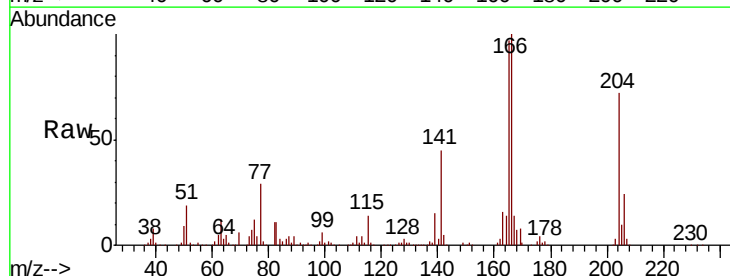


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

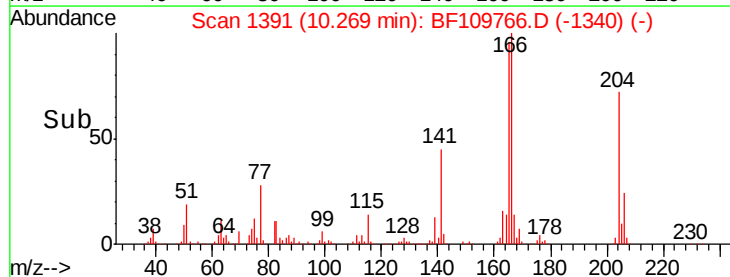
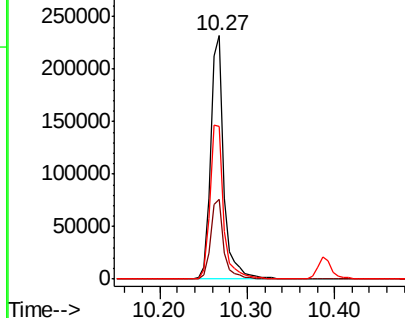


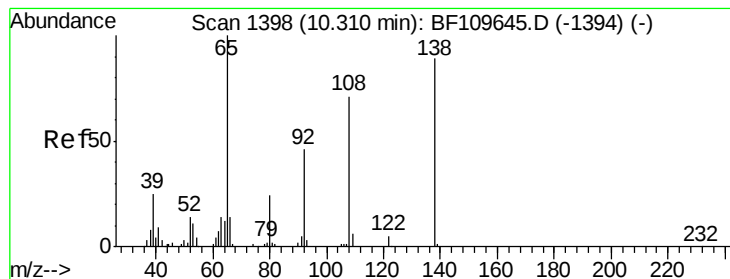
#60
4-Chlorophenyl-phenylether
Concen: 41.707 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:204 Resp: 242591
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 62.5 51.8 77.8



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





#61

4-Nitroaniline

Concen: 37.208 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

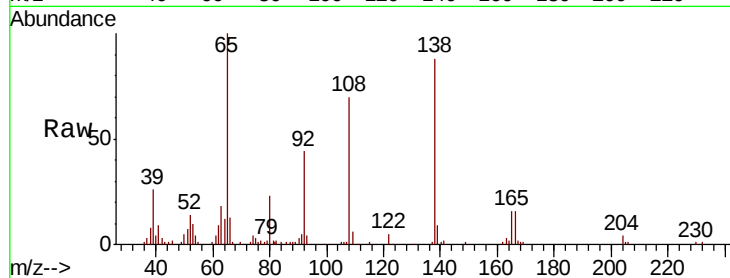
Tgt Ion: 138 Resp: 104565

Ion Ratio Lower Upper

138 100

92 50.1 31.7 71.7

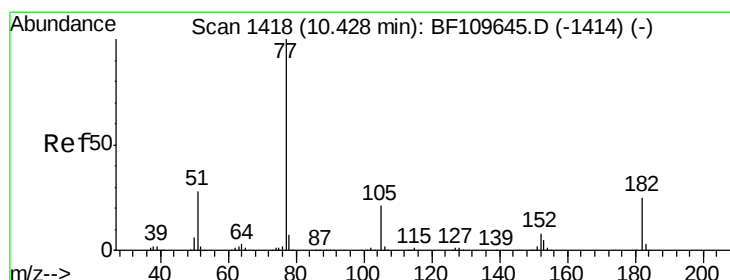
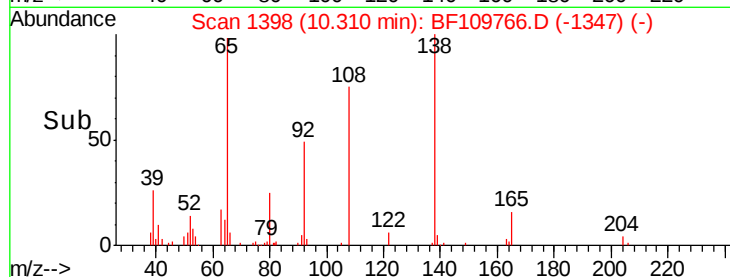
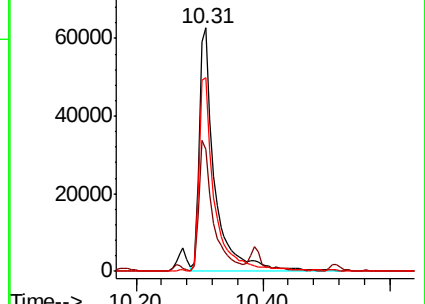
108 79.8 59.3 99.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.044 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Tgt Ion: 77 Resp: 553432

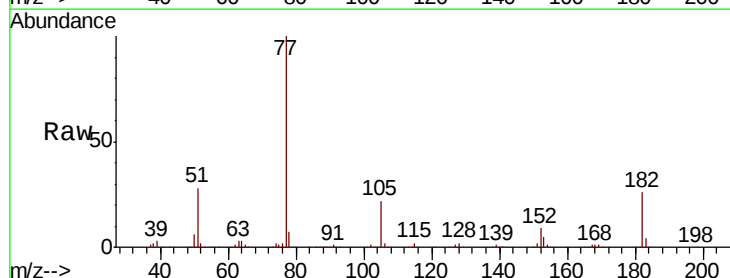
Ion Ratio Lower Upper

77 100

182 25.8 4.3 44.3

105 21.7 1.3 41.3

51 28.3 9.0 49.0

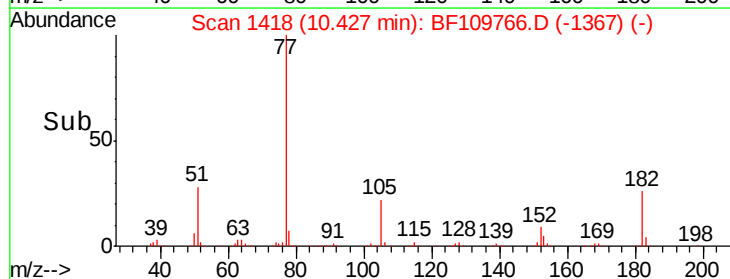
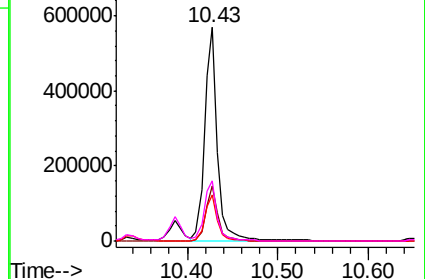


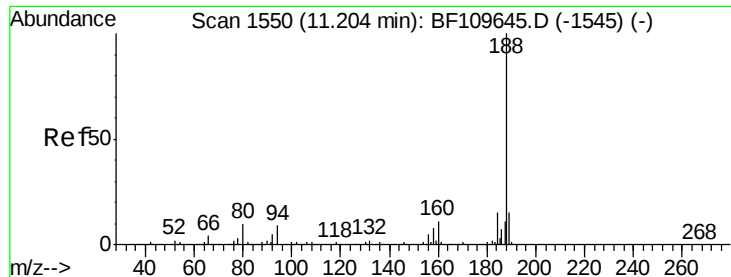
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

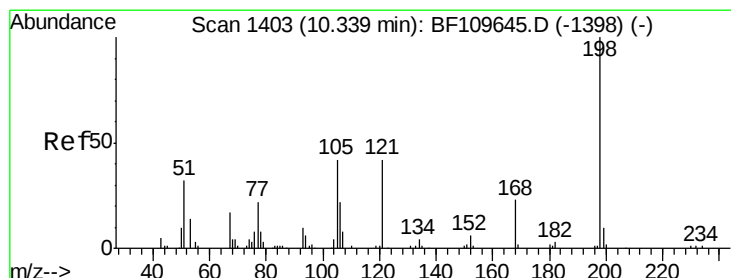
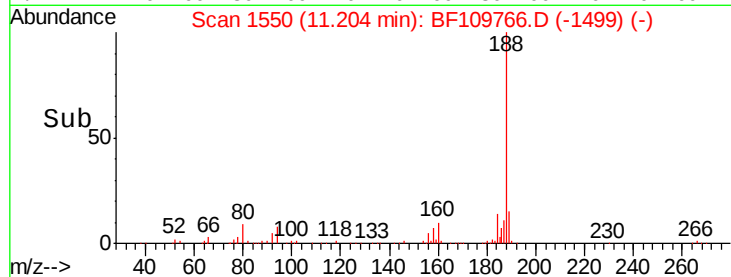
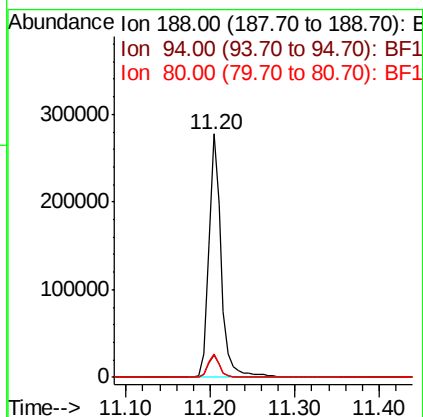
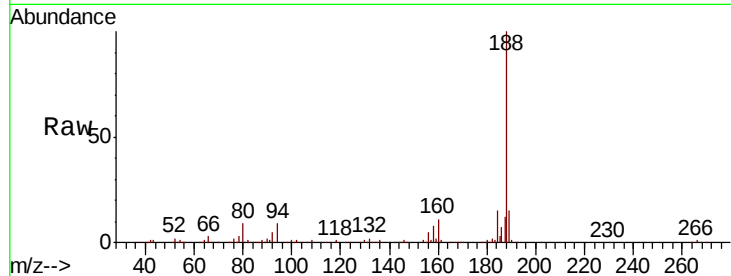




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

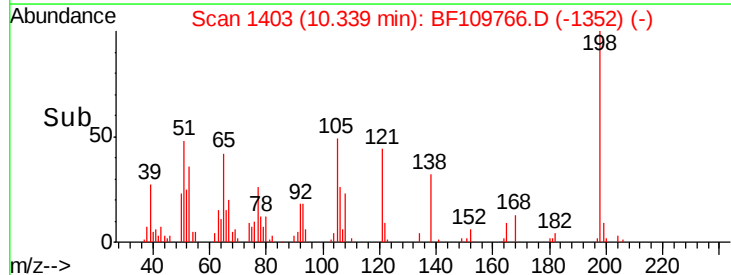
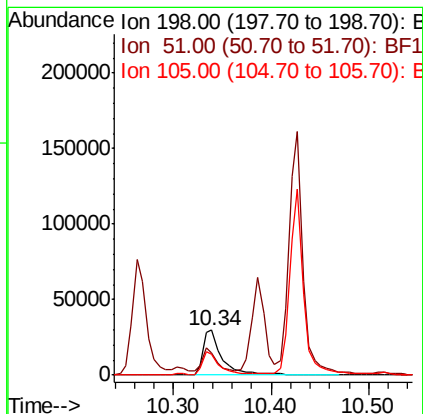
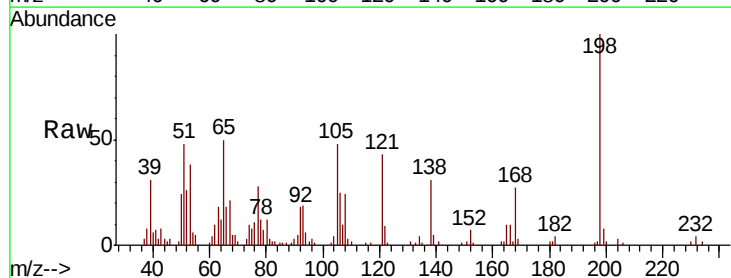
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

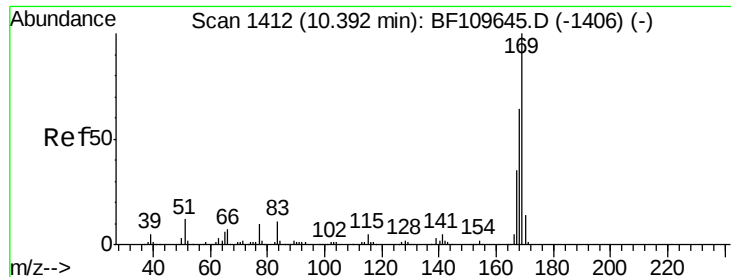
Tgt Ion:188 Resp: 285097
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.4 7.9 11.9



#64
4,6-Dinitro-2-methylphenol
Concen: 29.272 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:198 Resp: 40619
Ion Ratio Lower Upper
198 100
51 48.4 22.8 62.8
105 47.7 23.6 63.6

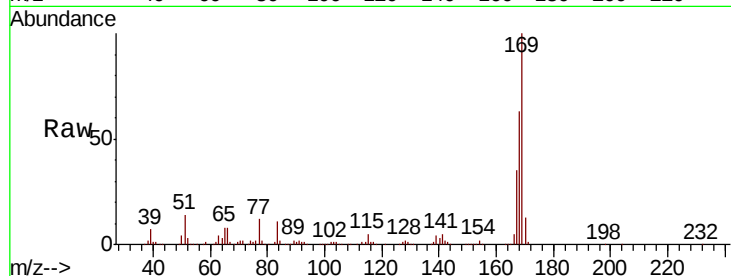




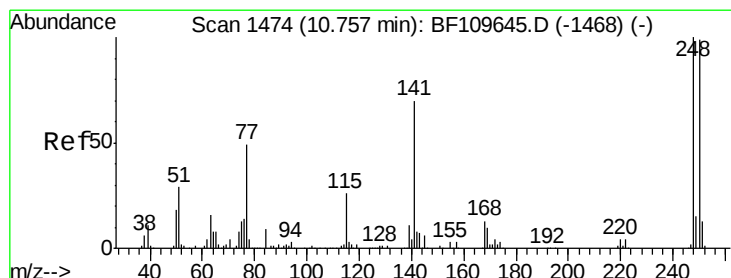
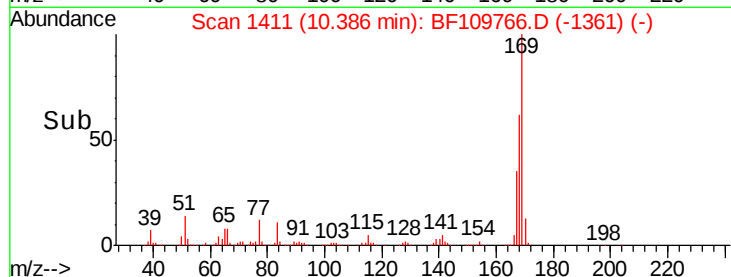
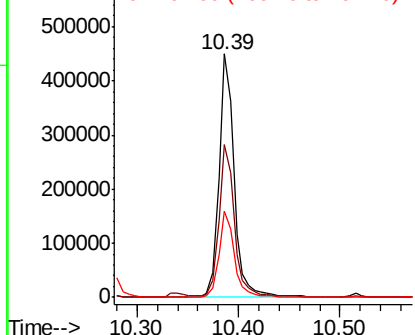
#65
 n-Nitrosodiphenylamine
 Concen: 48.144 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion:169 Resp: 465302
 Ion Ratio Lower Upper
 169 100
 168 62.6 51.2 76.8
 167 35.2 27.8 41.6

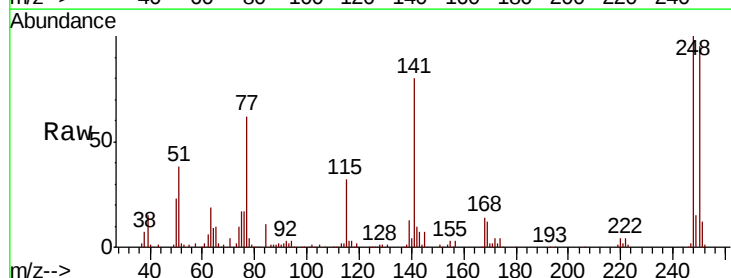


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

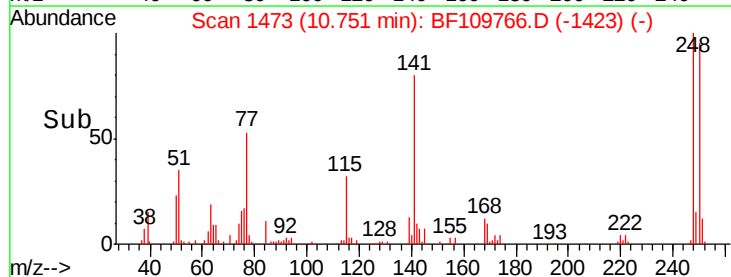
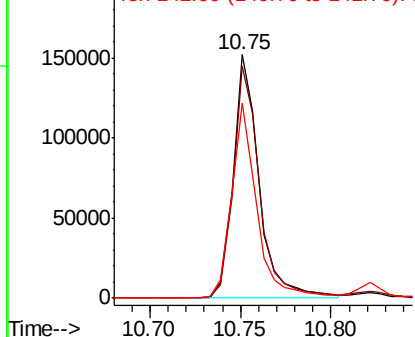


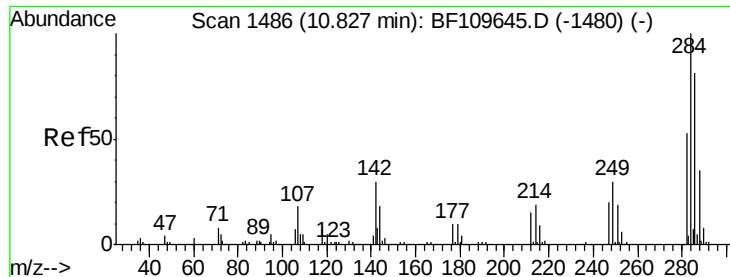
#66
 4-Bromophenyl-phenylether
 Concen: 46.151 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion:248 Resp: 151181
 Ion Ratio Lower Upper
 248 100
 250 95.3 79.4 119.2
 141 80.3 55.9 83.9



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

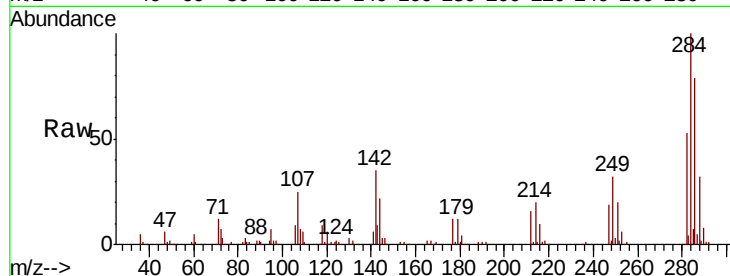




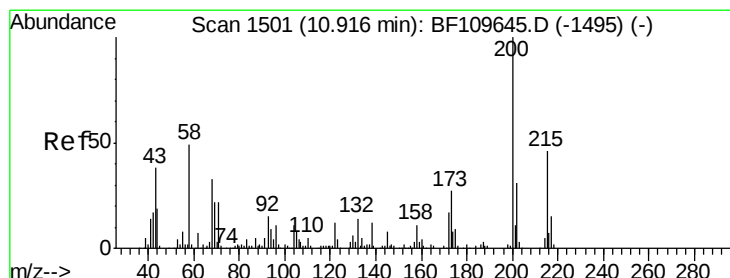
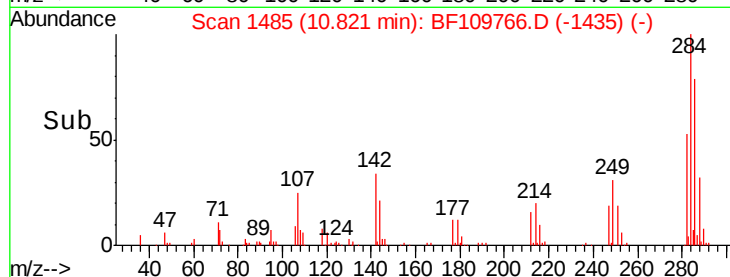
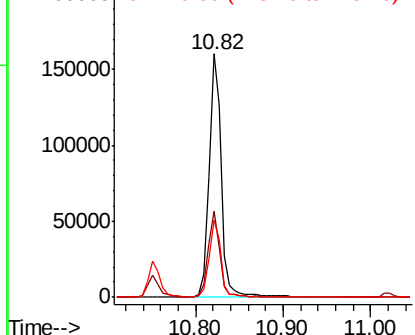
#67
Hexachlorobenzene
Concen: 43.936 ng
RT: 10.82 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

Tgt Ion:284 Resp: 155849
Ion Ratio Lower Upper
284 100
142 35.2 23.9 35.9
249 31.8 24.2 36.2

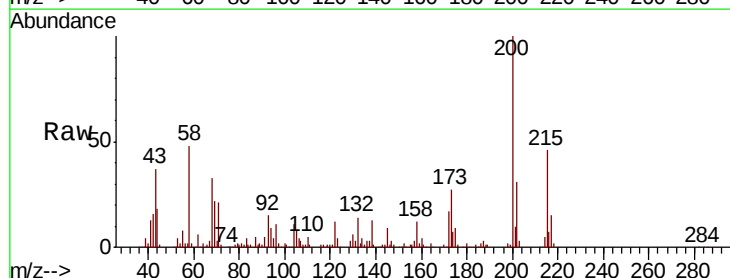


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

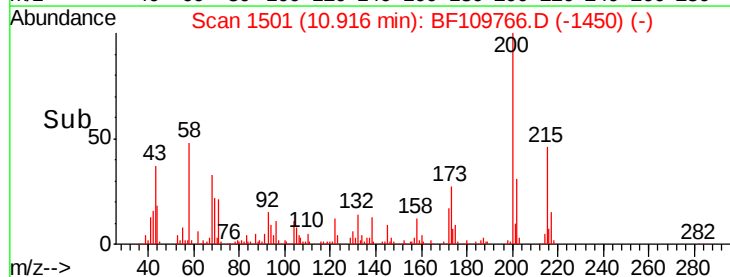
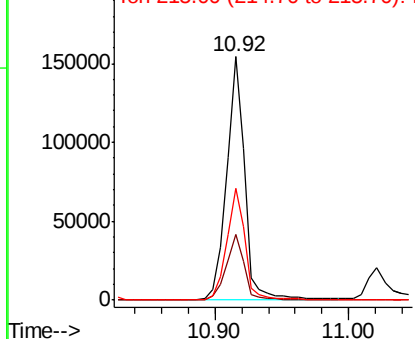


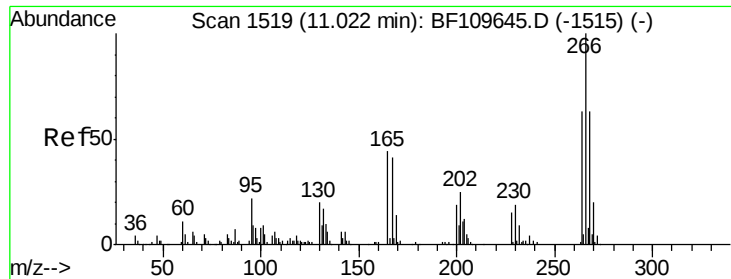
#68
Atrazine
Concen: 49.251 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:200 Resp: 148551
Ion Ratio Lower Upper
200 100
173 27.2 6.6 46.6
215 46.0 26.3 66.3



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

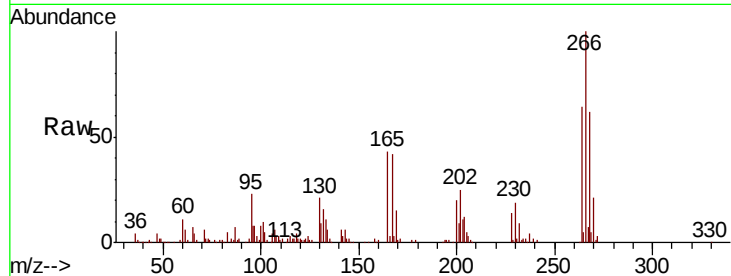




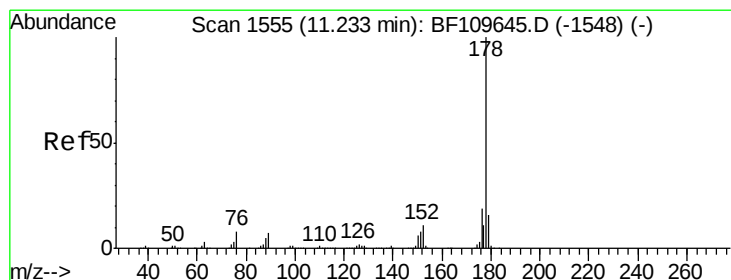
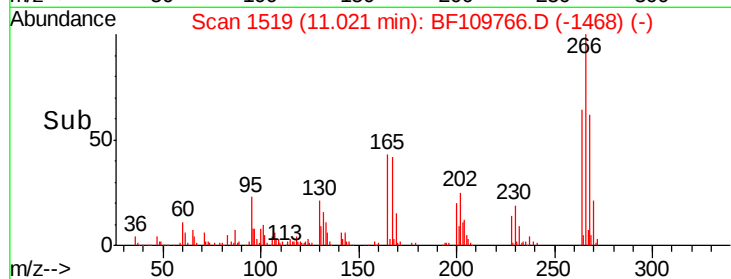
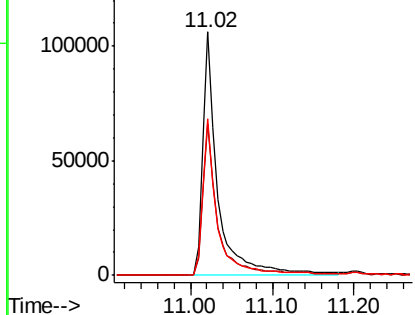
#69
 Pentachlorophenol
 Concen: 69.884 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion:266 Resp: 139490
 Ion Ratio Lower Upper
 266 100
 268 62.1 50.6 75.8
 264 64.2 50.6 75.8

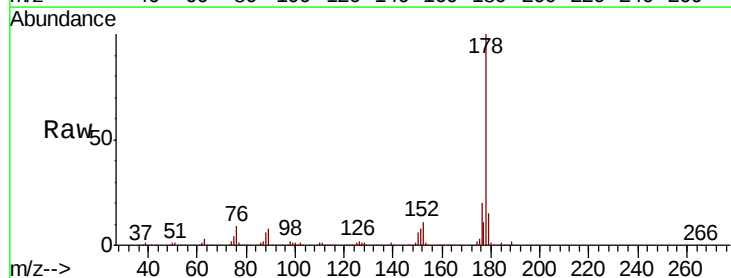


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

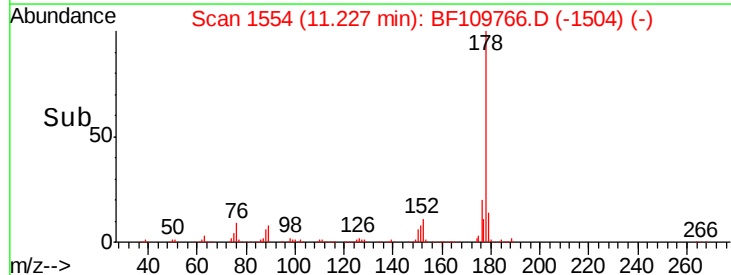
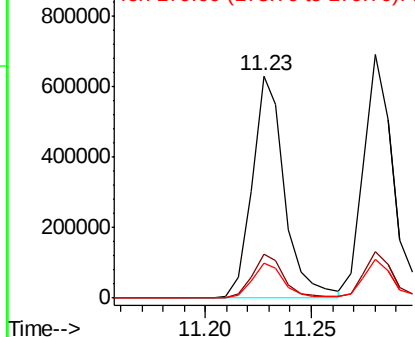


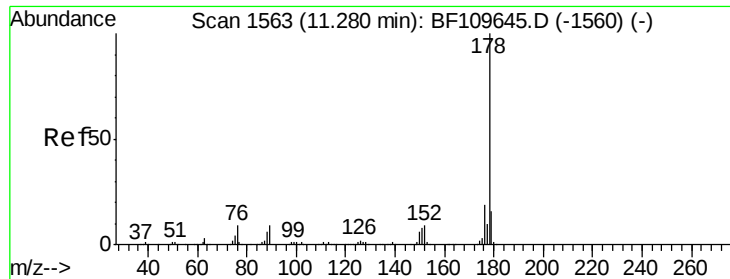
#70
 Phenanthrene
 Concen: 47.020 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion:178 Resp: 670856
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 15.5 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

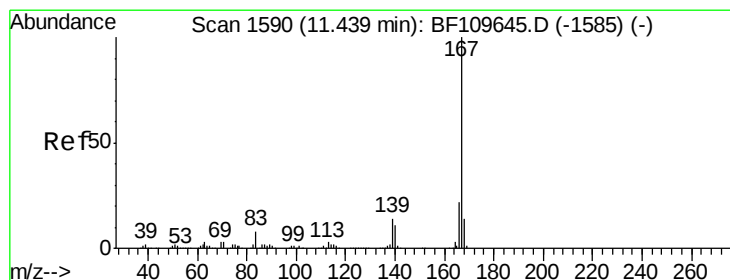
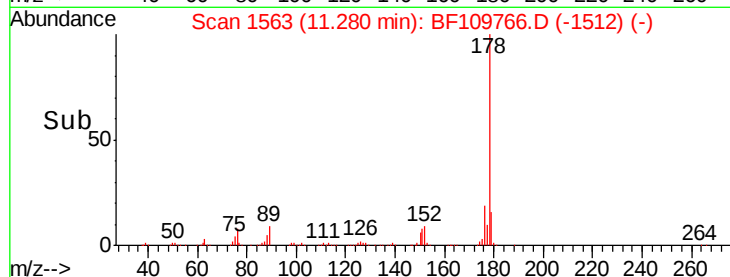
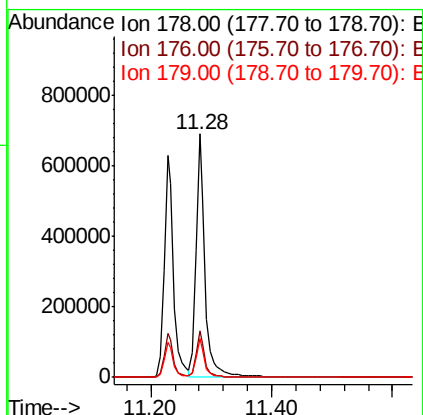
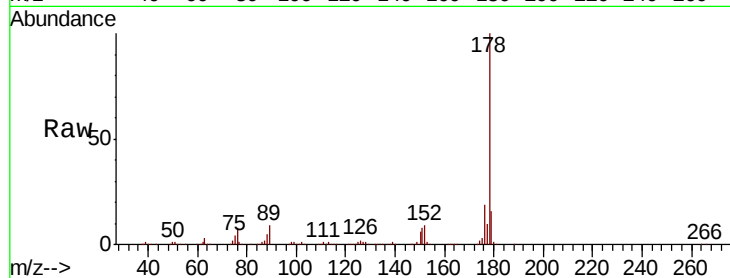




#71
 Anthracene
 Concen: 48.980 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

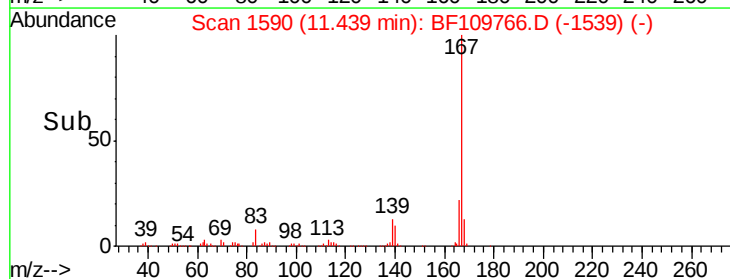
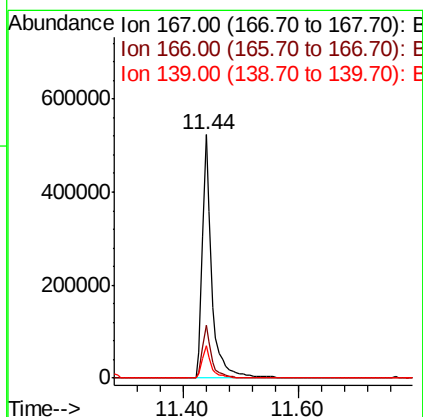
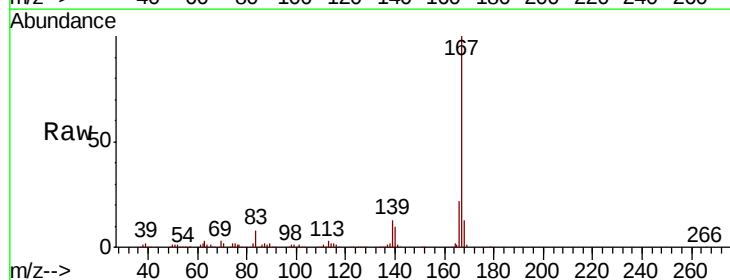
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion:178 Resp: 722375
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.9 12.6 18.8



#72
 Carbazole
 Concen: 42.404 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion:167 Resp: 606555
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.4 10.9 16.3

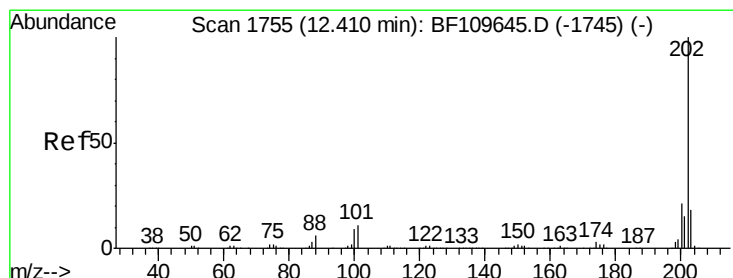
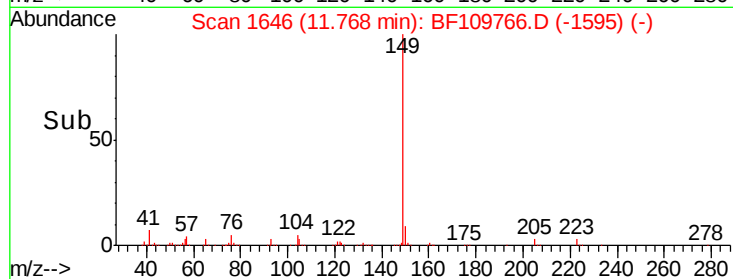
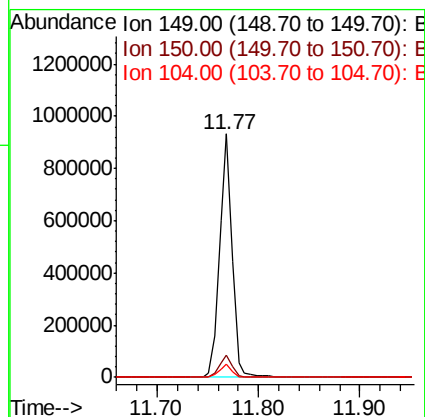
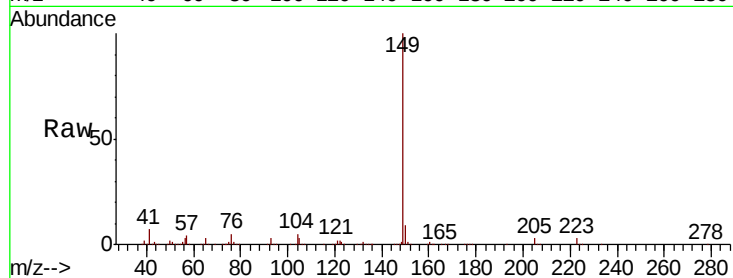




#73
Di-n-butylphthalate
Concen: 48.232 ng
RT: 11.77 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

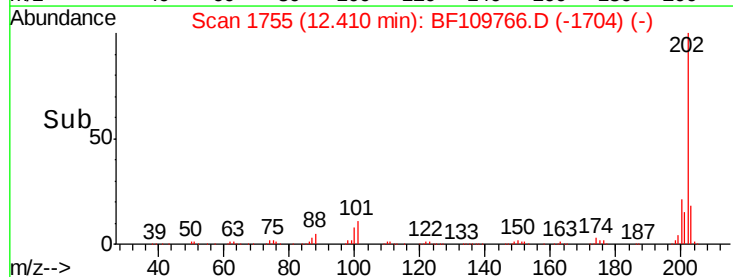
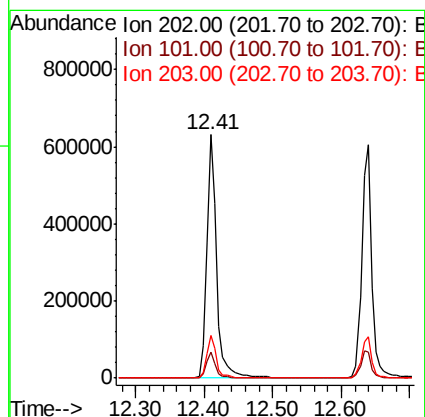
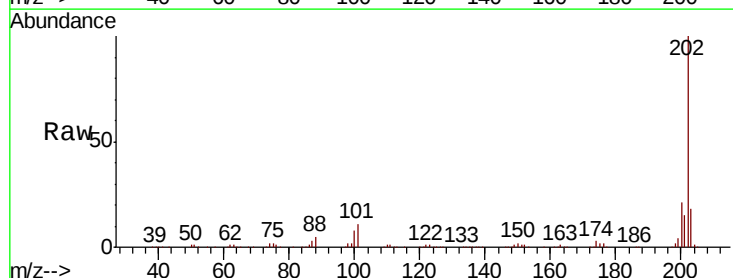
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

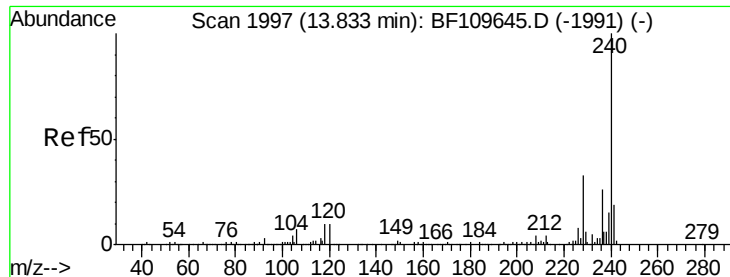
Tgt Ion:149 Resp: 800201
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 5.2 4.2 6.4



#74
Fluoranthene
Concen: 43.640 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:202 Resp: 650457
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.5 0.0 37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

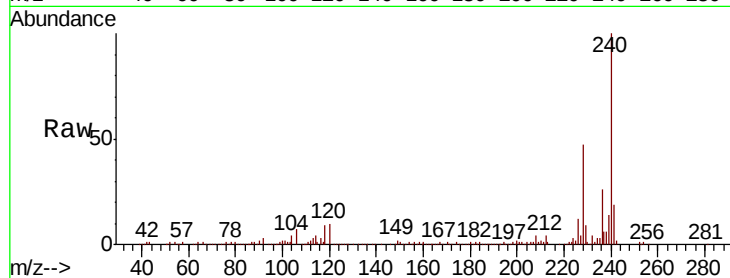
Tgt Ion:240 Resp: 208125

Ion Ratio Lower Upper

240 100

120 10.1 8.3 12.5

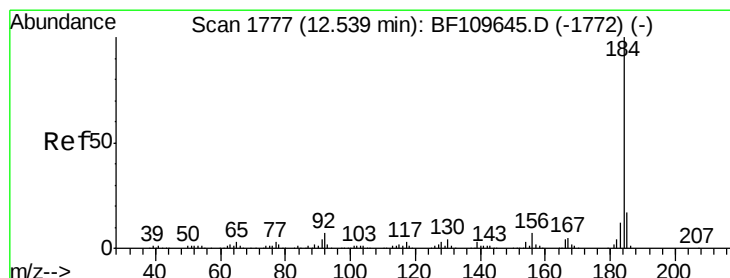
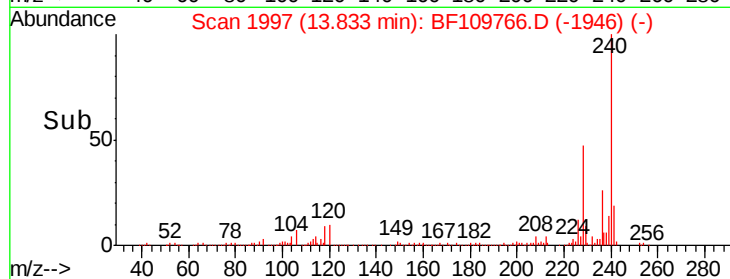
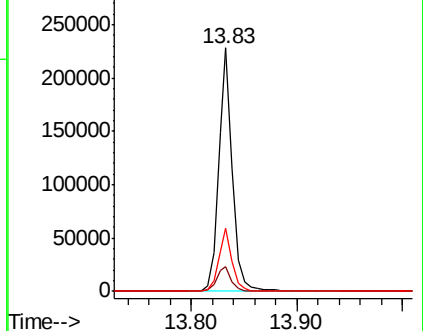
236 25.7 21.2 31.8



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



#76

Benzidine

Concen: 25.191 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

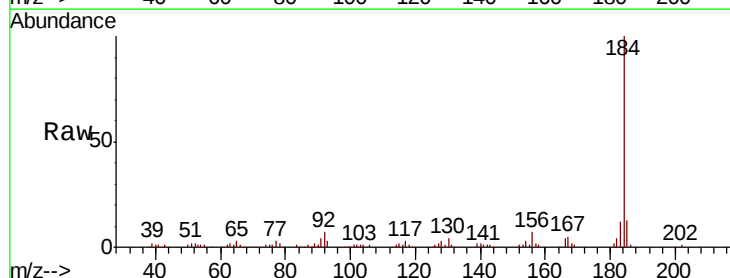
Tgt Ion:184 Resp: 194762

Ion Ratio Lower Upper

184 100

185 13.3 13.4 20.2#

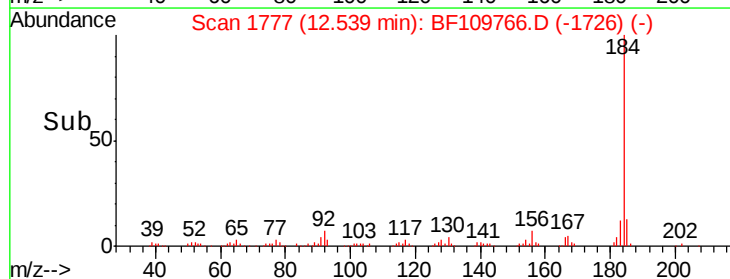
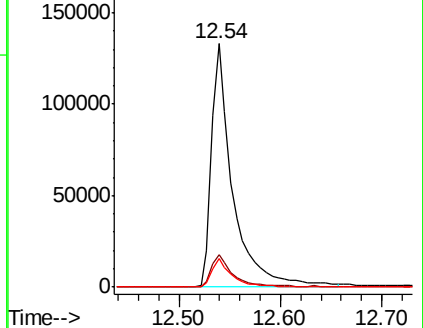
183 11.5 9.4 14.2

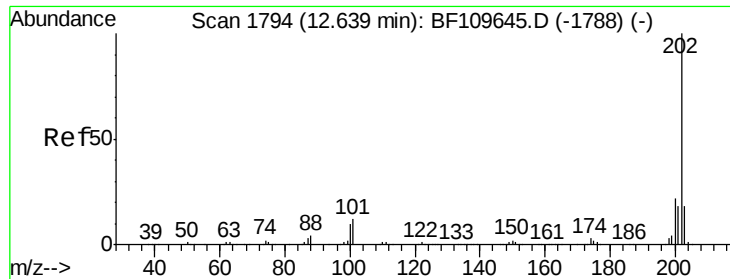


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

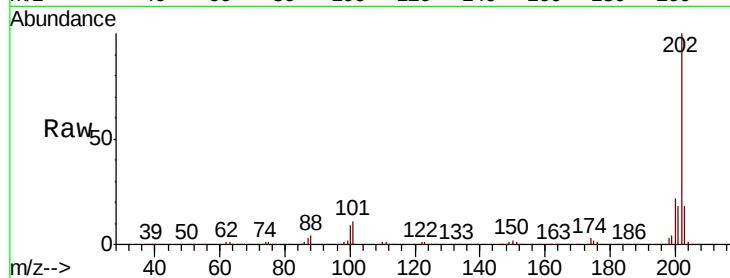




#77
 Pyrene
 Concen: 41.230 ng
 RT: 12.64 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.6
203	17.7	14.2	21.4

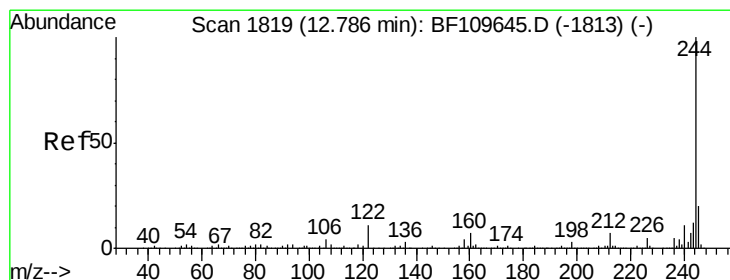
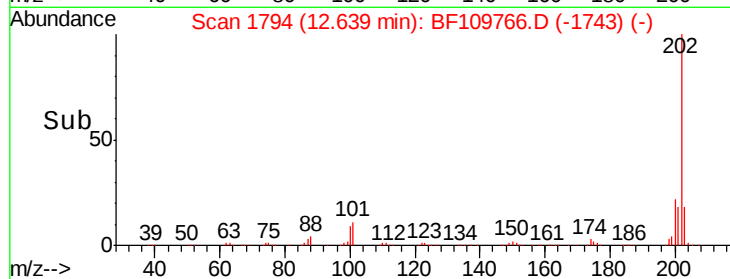
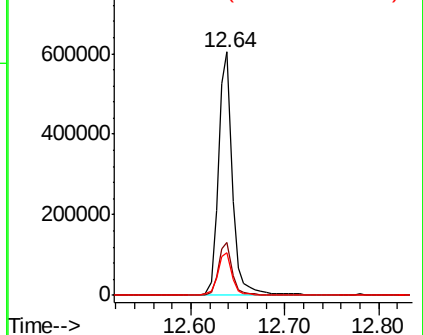


Abundance

Ion 202.00 (201.70 to 202.70): E

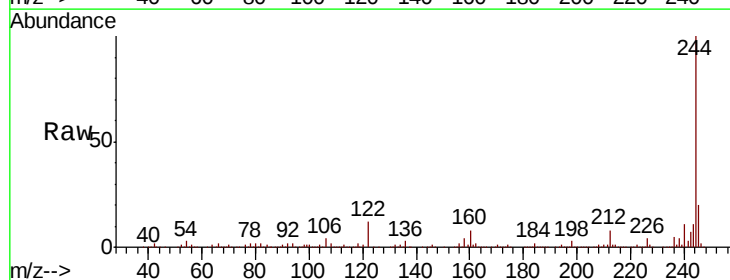
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
 Terphenyl-d14
 Concen: 70.365 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	11.6	8.7	13.1

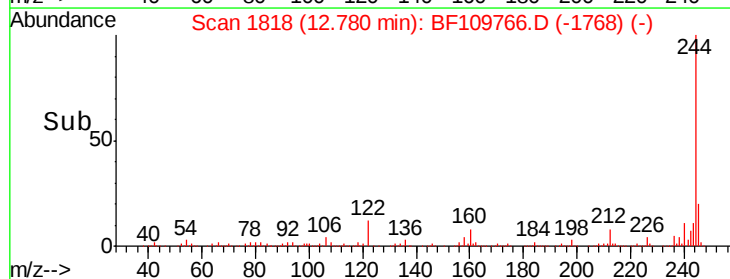
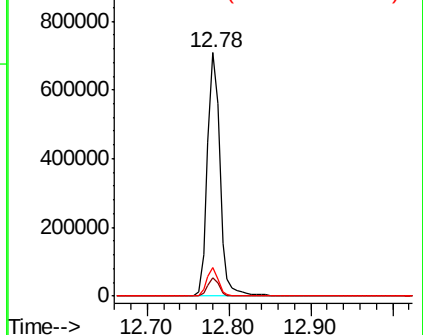


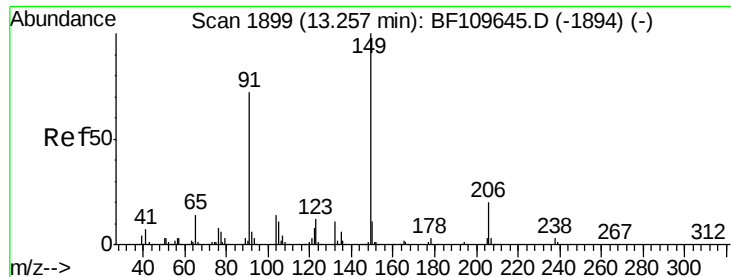
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

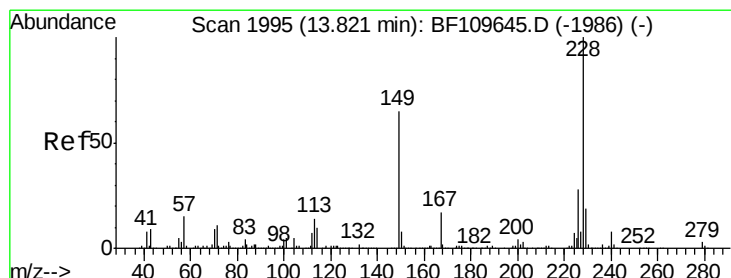
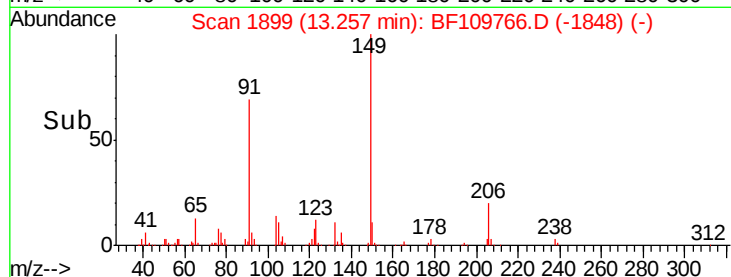
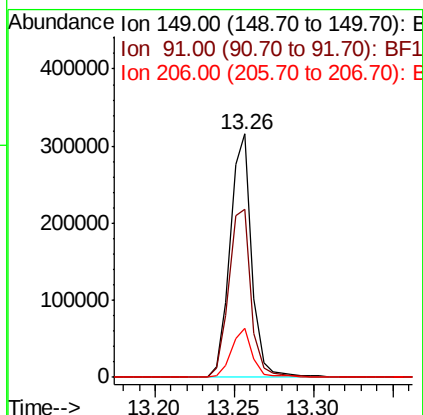
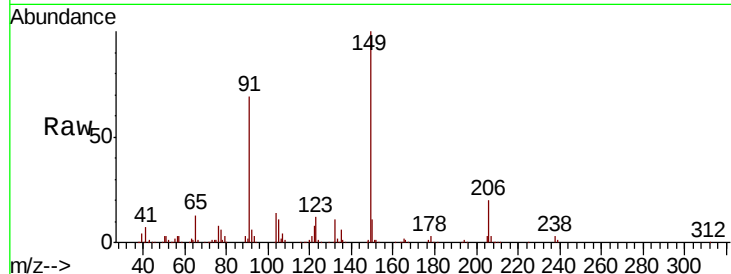




#79
Butylbenzylphthalate
Concen: 45.268 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

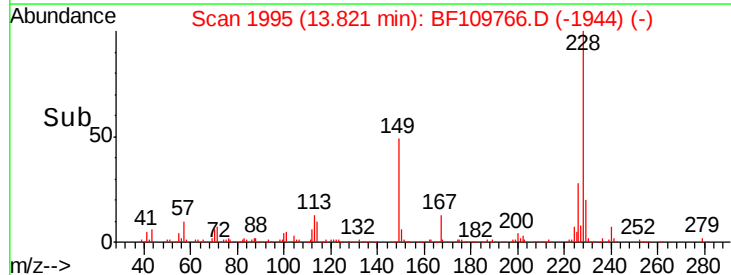
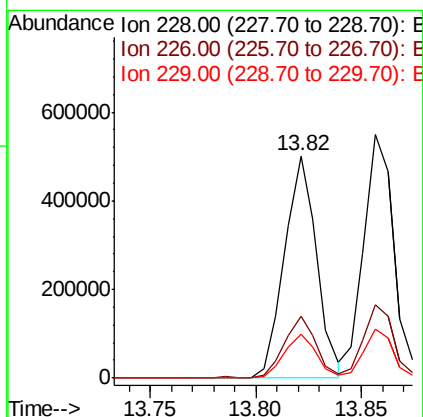
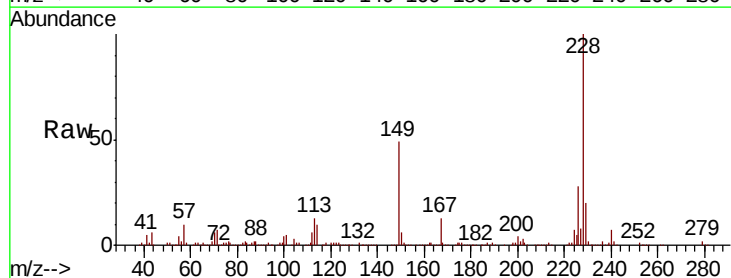
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

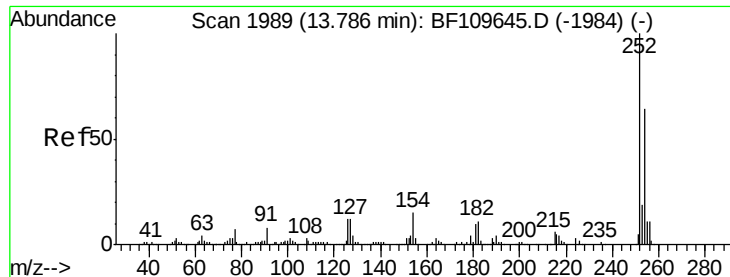
Tgt Ion:149 Resp: 299271
Ion Ratio Lower Upper
149 100
91 69.0 57.2 85.8
206 20.2 15.7 23.5



#80
Benzo(a)anthracene
Concen: 46.373 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:228 Resp: 532604
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.8 15.6 23.4

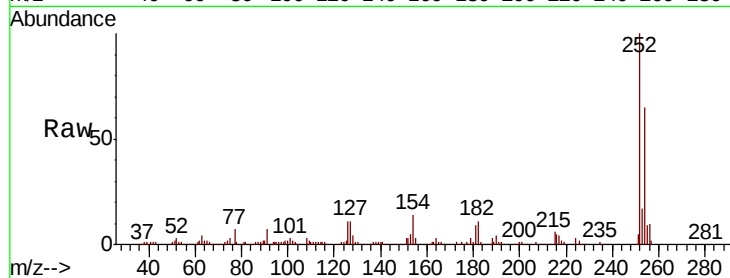




#81
 3,3'-Dichlorobenzidine
 Concen: 31.895 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	11.4	9.4	14.2

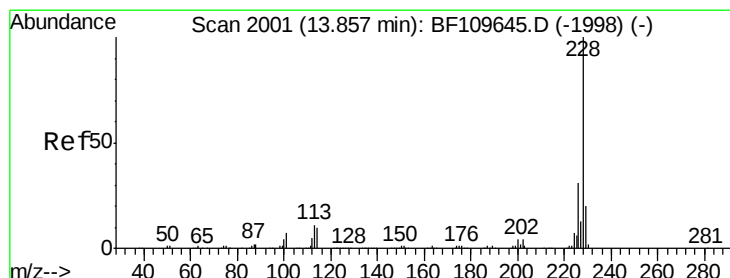
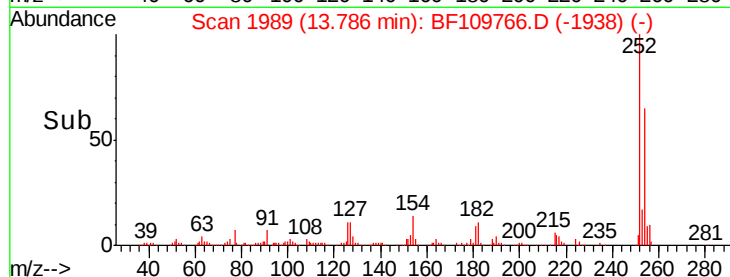
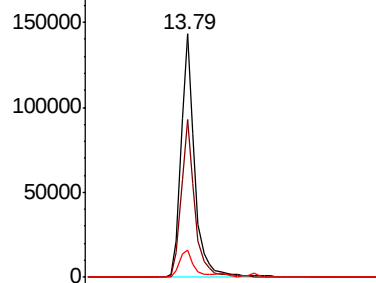


Abundance

Ion 252.00 (251.70 to 252.70): E

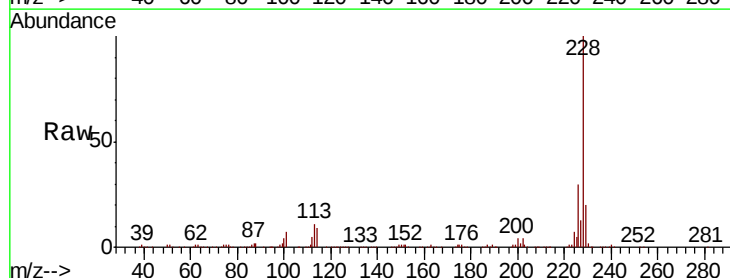
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 47.430 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	20.0	15.9	23.9

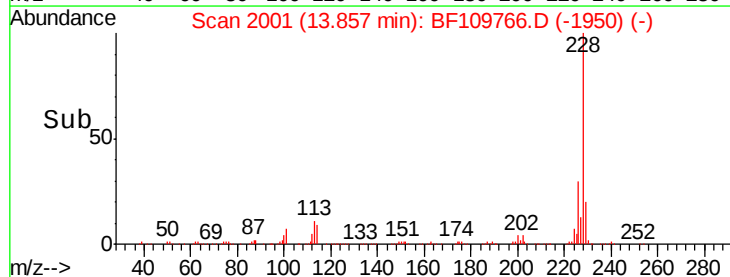
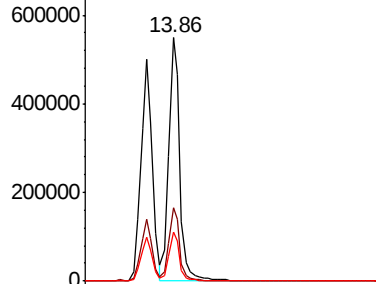


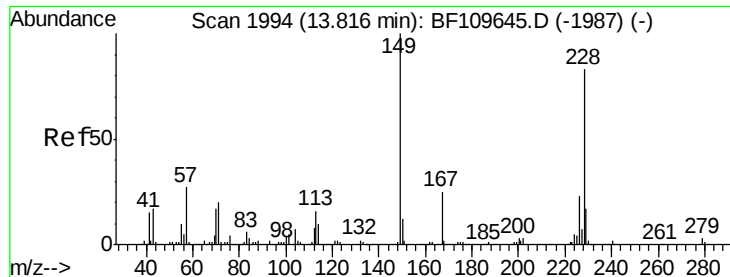
Abundance

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.051 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

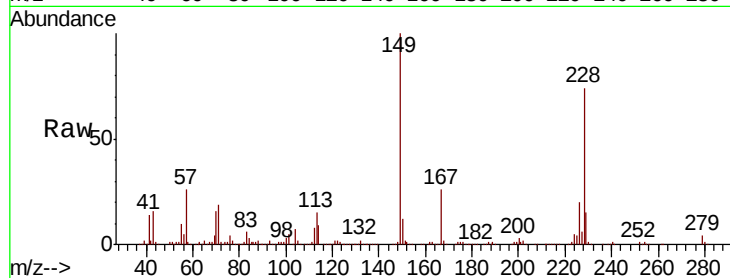
Tgt Ion:149 Resp: 387571

Ion Ratio Lower Upper

149 100

167 25.6 19.8 29.8

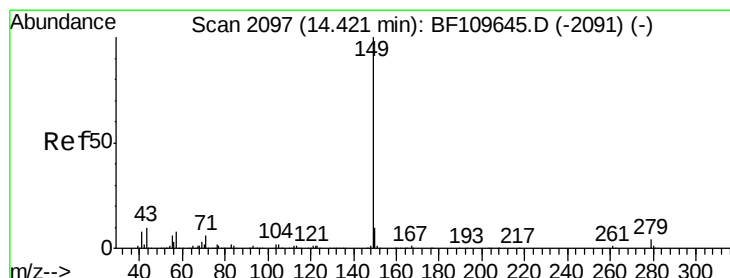
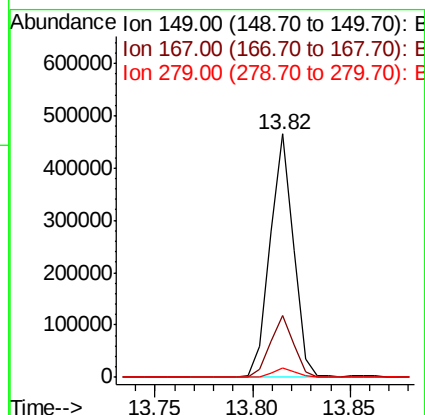
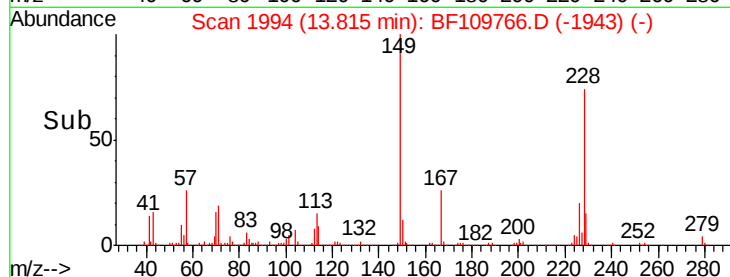
279 3.7 2.7 4.1



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



#84

Di-n-octyl phthalate

Concen: 54.036 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

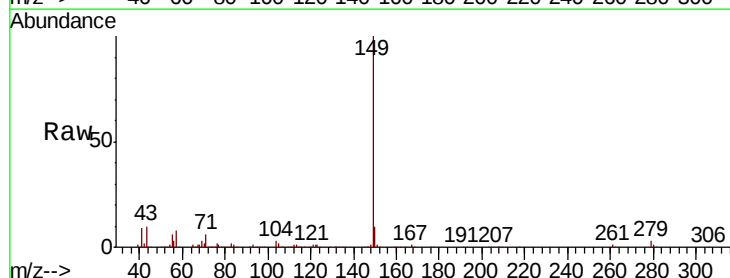
Tgt Ion:149 Resp: 688913

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

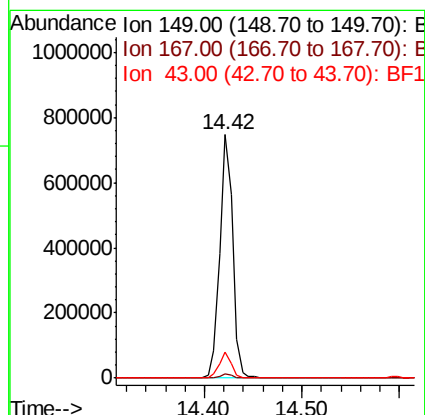
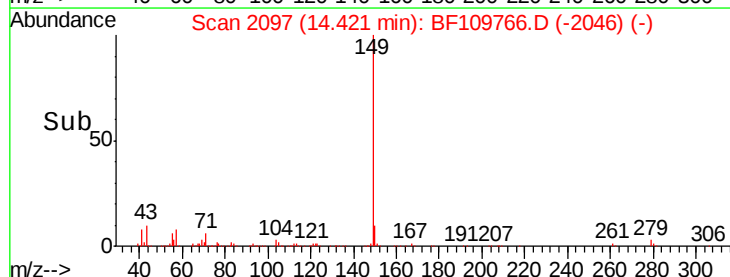
43 9.6 7.8 11.8

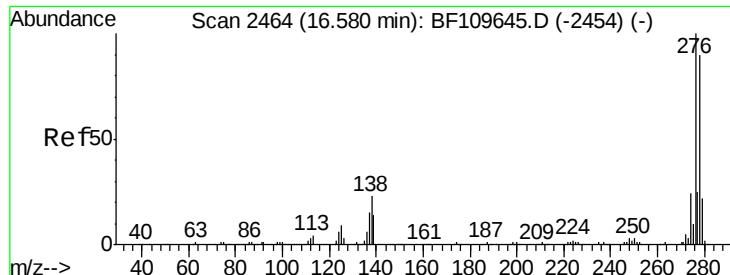


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

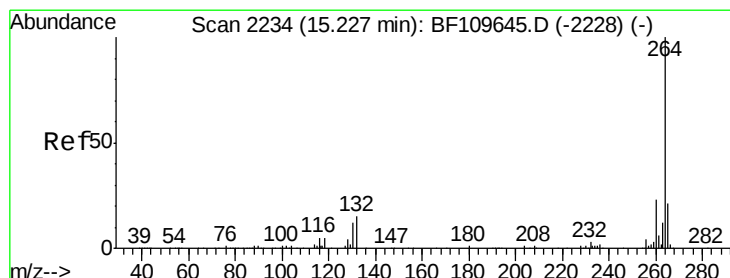
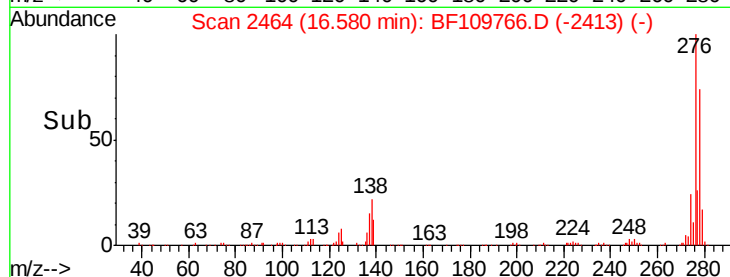
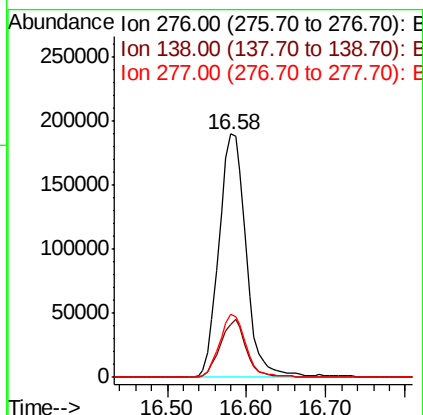
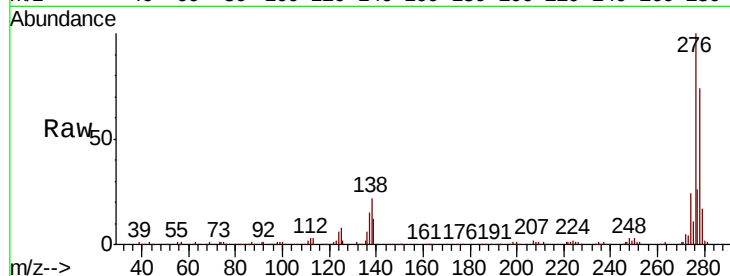




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.254 ng
 RT: 16.58 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

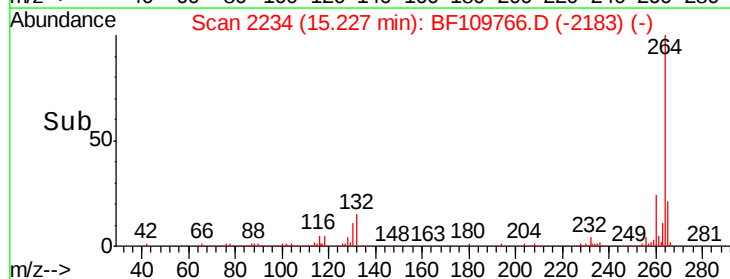
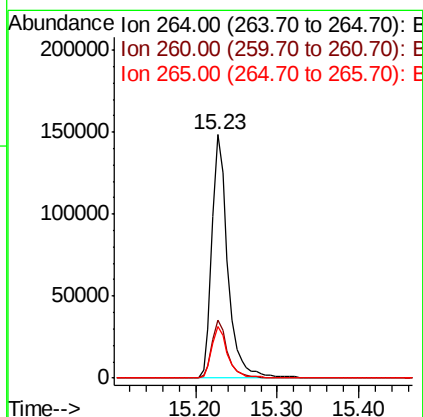
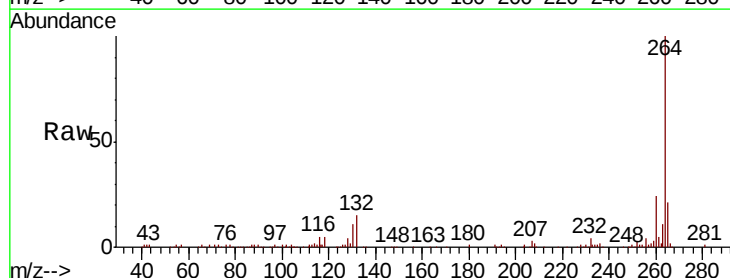
Instrument :
 BNA_F
 ClientSampleId :
 FL-PIT-1MS

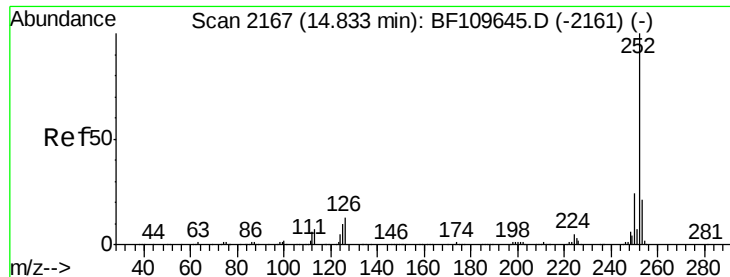
Tgt Ion: 276 Resp: 451210
 Ion Ratio Lower Upper
 276 100
 138 22.7 18.5 27.7
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109766.D
 Acq: 11 Oct 2018 2:57

Tgt Ion: 264 Resp: 202203
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.4 16.7 25.1

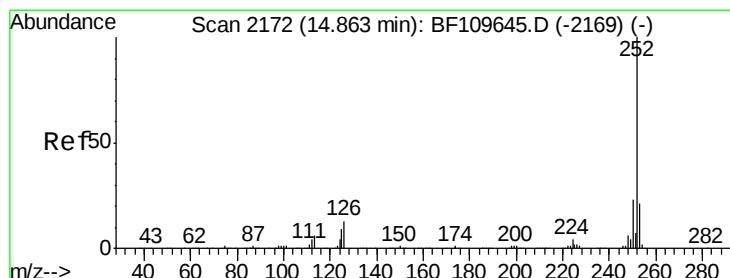
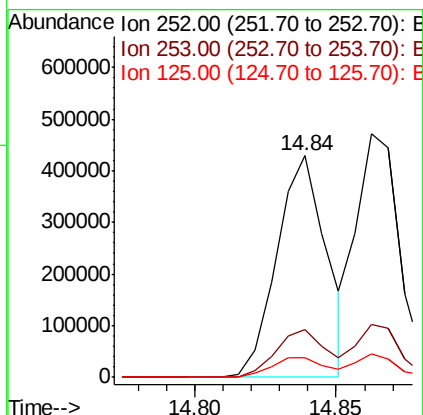
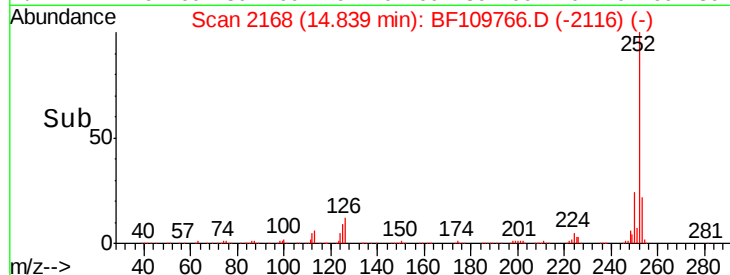
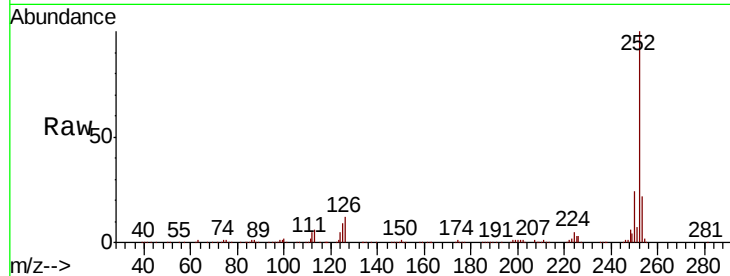




#87
Benzo(b)fluoranthene
Concen: 46.616 ng
RT: 14.84 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

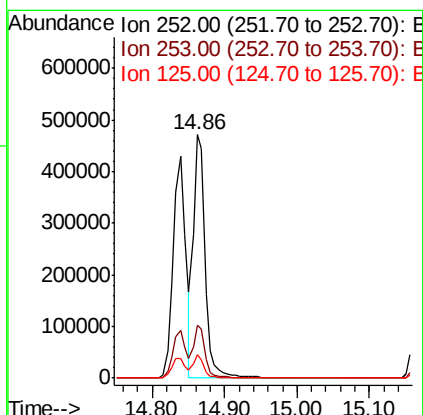
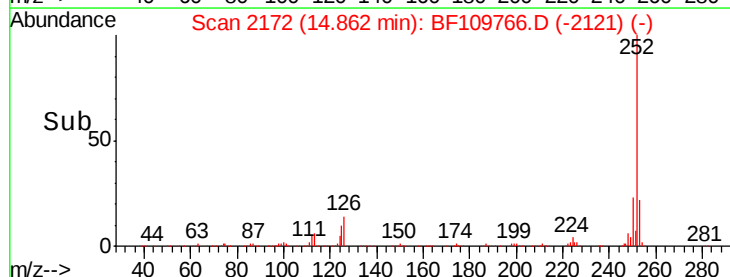
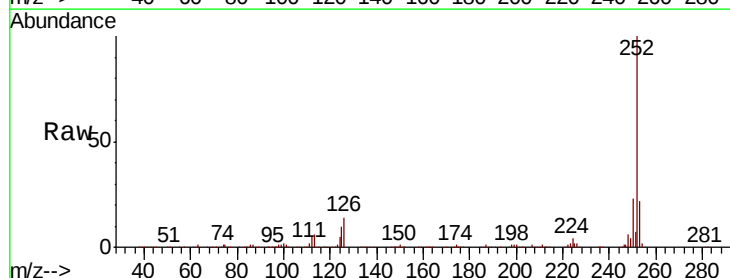
Instrument :
BNA_F
ClientSampleId :
FL-PIT-1MS

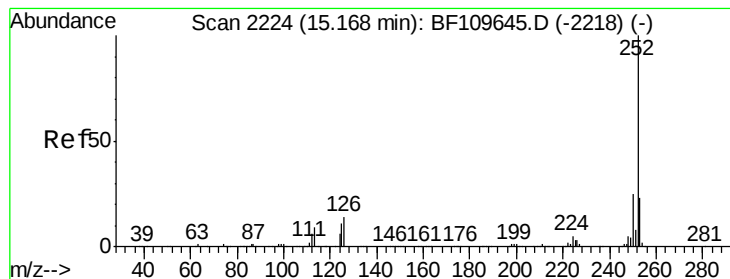
Tgt Ion:252 Resp: 520892
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 8.2 12.4



#88
Benzo(k)fluoranthene
Concen: 47.337 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109766.D
Acq: 11 Oct 2018 2:57

Tgt Ion:252 Resp: 531467
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.7 7.4 11.0





#89

Benzo(a)pyrene

Concen: 48.434 ng

RT: 15.17 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

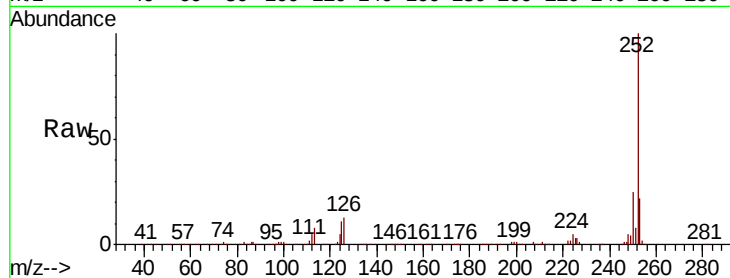
Tgt Ion: 252 Resp: 491129

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

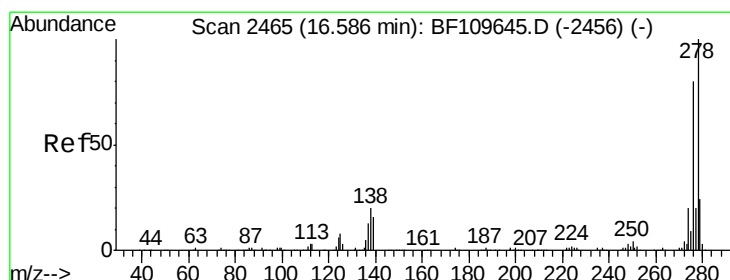
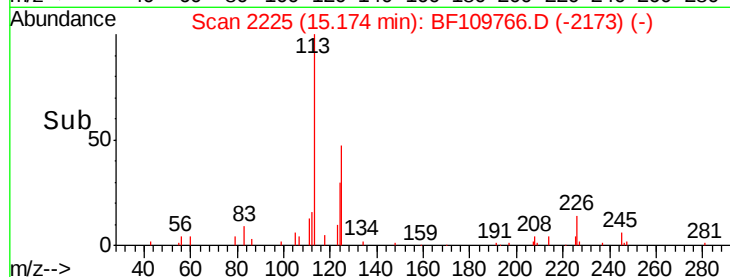
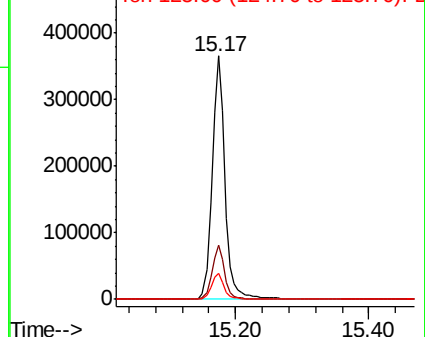
125 10.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.831 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.01 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

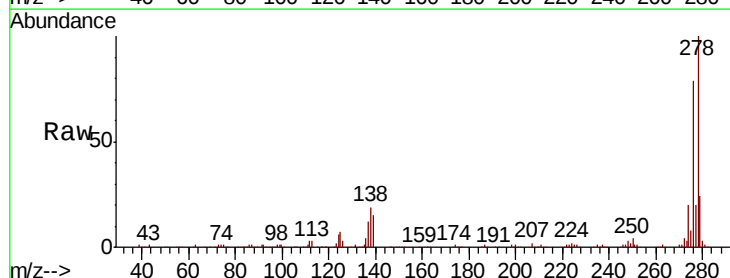
Tgt Ion: 278 Resp: 381676

Ion Ratio Lower Upper

278 100

139 14.7 12.7 19.1

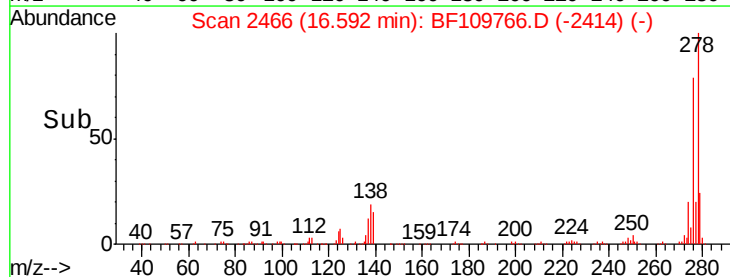
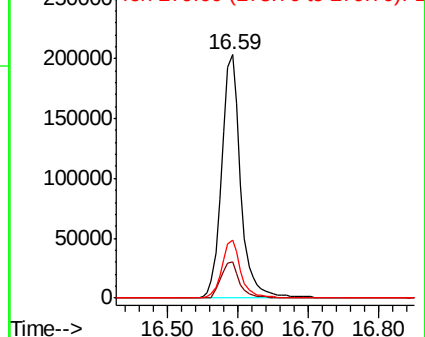
279 23.9 19.0 28.4

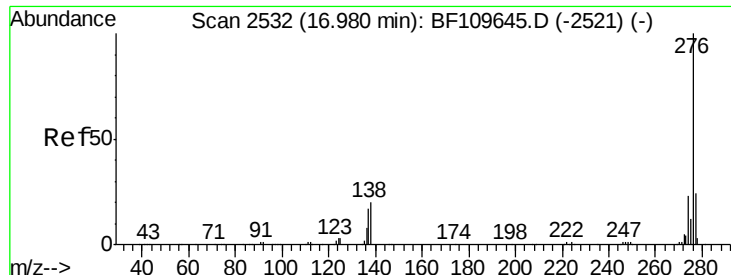


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.147 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.00 min

Lab File: BF109766.D

Acq: 11 Oct 2018 2:57

Instrument :

BNA_F

ClientSampleId :

FL-PIT-1MS

Tgt Ion: 276 Resp: 358814

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 20.4 16.0 24.0

