

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
 Data File : BF108237.D
 Acq On : 17 Aug 2018 12:19
 Operator : JU/SJ
 Sample : PB112112BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 17 12:53:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	170871	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	668481	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	344984	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	666939	20.00	ng	0.00
75) Chrysene-d12	14.22	240	532275	20.00	ng	0.00
86) Perylene-d12	15.77	264	388161	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	855583	90.65	ng	0.02
7) Phenol-d6	6.64	99	1160880	92.56	ng	0.00
23) Nitrobenzene-d5	7.58	82	966883	80.71	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	340019	98.81	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1841769	85.71	ng	0.00
78) Terphenyl-d14	13.15	244	1974004	94.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	186985	38.557	ng	89
3) Pyridine	3.77	79	512757	41.045	ng	90
4) n-Nitrosodimethylamine	3.73	42	275295	39.163	ng	83
6) Aniline	6.68	93	538209	31.549	ng	96
8) 2-Chlorophenol	6.80	128	469321	44.152	ng	93
9) Benzaldehyde	6.57	77	212926	21.897	ng	98
10) Phenol	6.65	94	573962	44.242	ng	95
11) bis(2-Chloroethyl)ether	6.75	93	454563	43.340	ng	93
12) 1,3-Dichlorobenzene	6.96	146	534205	43.464	ng	99
13) 1,4-Dichlorobenzene	7.03	146	531438	43.036	ng	99
14) 1,2-Dichlorobenzene	7.19	146	493605	42.973	ng	97
15) Benzyl Alcohol	7.15	79	385092	36.473	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	888767	41.134	ng	99
17) 2-Methylphenol	7.26	107	396798	43.529	ng	95
18) Hexachloroethane	7.53	117	195090	44.375	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	354787	41.832	ng	92
20) 3+4-Methylphenols	7.41	107	508116	43.498	ng	# 78
22) Acetophenone	7.42	105	666997	42.672	ng	# 93
24) Nitrobenzene	7.60	77	529518	43.711	ng	98
25) Isophorone	7.84	82	970178	42.489	ng	98
26) 2-Nitrophenol	7.91	139	229701	50.210	ng	90
27) 2,4-Dimethylphenol	7.94	122	453122	44.712	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	587963	44.109	ng	99
29) 2,4-Dichlorophenol	8.15	162	427230	45.810	ng	97
30) 1,2,4-Trichlorobenzene	8.24	180	450961	43.857	ng	97
31) Naphthalene	8.32	128	1354762	44.563	ng	99
32) Benzoic acid	8.06	122	195520	35.083	ng	93
33) 4-Chloroaniline	8.37	127	354679	26.771	ng	98
34) Hexachlorobutadiene	8.43	225	289778	44.517	ng	98
36) 4-Chloro-3-methylphenol	8.84	107	444297	44.161	ng	97
37) 2-Methylnaphthalene	9.01	142	938386	43.627	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	466907	44.072	ng	98
40) Hexachlorocyclopentadiene	9.17	237	531800	77.716	ng	98
42) 2,4,6-Trichlorophenol	9.29	196	301556	45.870	ng	100

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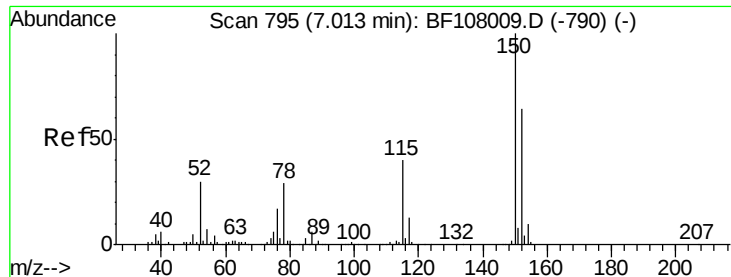
Instrument :
 BNA_F
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Quant Time: Aug 17 12:53:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.34	196	344302	47.575	nq	# 92
45) 1,1'-Biphenyl	9.48	154	1139596	44.803	nq	99
46) 2-Chloronaphthalene	9.51	162	887691	44.156	nq	99
47) 2-Nitroaniline	9.60	65	300742	46.235	nq	85
48) Acenaphthylene	9.93	152	1410604	44.384	nq	99
49) Dimethylphthalate	9.78	163	1032783	42.977	nq	# 98
50) 2,6-Dinitrotoluene	9.84	165	232618	46.267	nq	95
51) Acenaphthene	10.10	154	910714	46.784	nq	99
52) 3-Nitroaniline	10.01	138	179505	32.631	nq	91
53) 2,4-Dinitrophenol	10.12	184	157287	83.277	nq	# 22
54) Dibenzofuran	10.27	168	1233292	43.730	nq	97
55) 4-Nitrophenol	10.17	139	334100	80.204	nq	# 83
56) 2,4-Dinitrotoluene	10.25	165	305559	47.215	nq	# 91
57) Fluorene	10.62	166	980506	43.919	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	289021	47.781	nq	# 84
59) Diethylphthalate	10.48	149	986957	42.413	nq	95
60) 4-Chlorophenyl-phenylether	10.60	204	504765	43.390	nq	92
61) 4-Nitroaniline	10.64	138	239829	44.097	nq	93
62) Azobenzene	10.77	77	1029107	42.823	nq	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	110675	44.625	nq	89
65) n-Nitrosodiphenylamine	10.72	169	877059	44.501	nq	96
66) 4-Bromophenyl-phenylether	11.09	248	327865	45.236	nq	# 87
67) Hexachlorobenzene	11.17	284	341169	44.738	nq	# 89
68) Atrazine	11.25	200	296424	44.842	nq	94
69) Pentachlorophenol	11.36	266	330838	90.639	nq	97
70) Phenanthrene	11.59	178	1416241	45.021	nq	99
71) Anthracene	11.64	178	1453491	45.082	nq	99
72) Carbazole	11.79	167	1293212	45.145	nq	99
73) Di-n-butylphthalate	12.11	149	1506249	46.423	nq	100
74) Fluoranthene	12.78	202	1542687	44.935	nq	95
76) Benzidine	12.89	184	641962	32.280	nq	99
77) Pyrene	13.01	202	1550379	46.007	nq	99
79) Butylbenzylphthalate	13.61	149	648298	48.449	nq	# 96
80) Benzo(a)anthracene	14.21	228	1375305	45.022	nq	99
81) 3,3'-Dichlorobenzidine	14.16	252	332531	30.376	nq	# 97
82) Chrysene	14.24	228	1261733	45.053	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	846768	46.730	nq	98
84) Di-n-octyl phthalate	14.79	149	1328579	48.075	nq	96
85) Indeno(1,2,3-cd)pyrene	17.40	276	917927	37.828	nq	# 91
87) Benzo(b)fluoranthene	15.31	252	1088669	46.937	nq	# 97
88) Benzo(k)fluoranthene	15.34	252	1068756	50.127	nq	# 95
89) Benzo(a)pyrene	15.71	252	976095	46.996	nq	97
90) Dibenzo(a,h)anthracene	17.41	278	763687	44.439	nq	# 94
91) Benzo(g,h,i)perylene	17.89	276	763337	45.110	nq	# 92

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

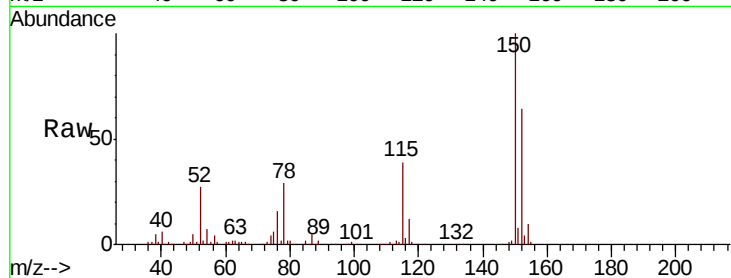


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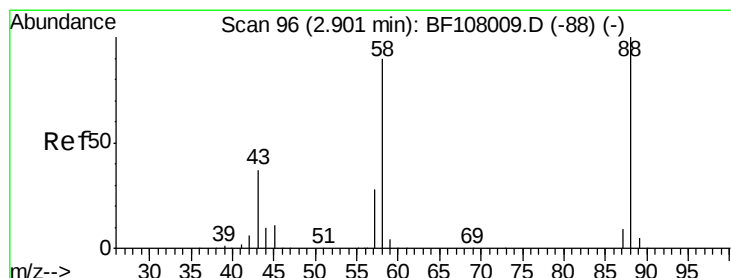
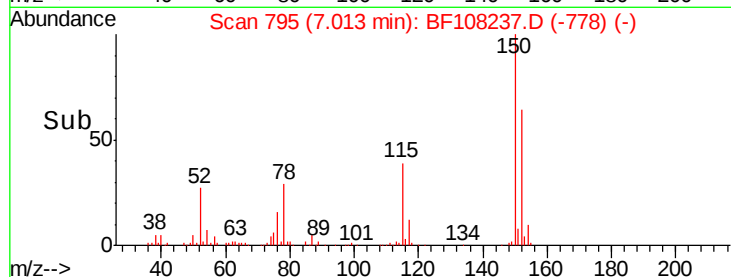
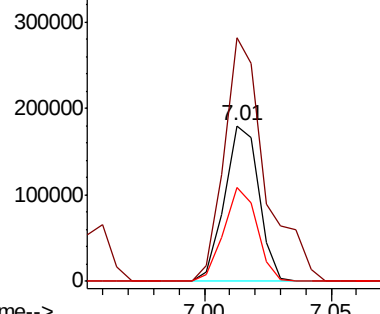
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 170871
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 60.5 50.1 75.1



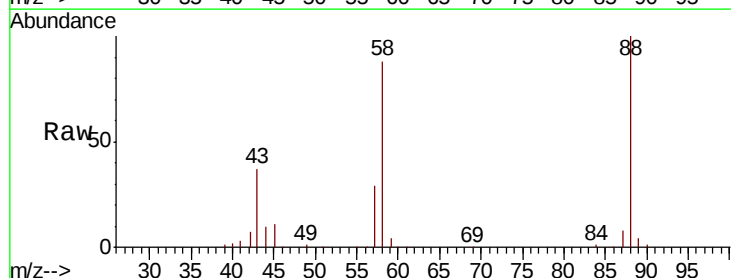
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



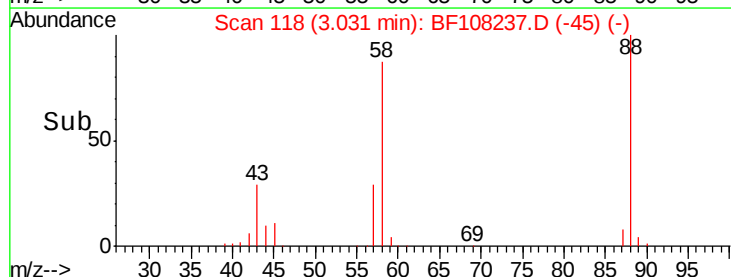
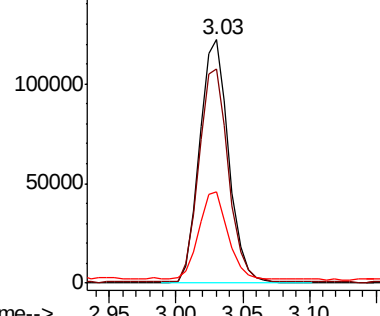
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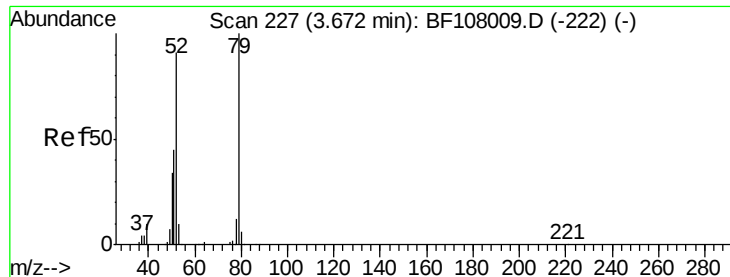
1,4-Dioxane
Concen: 38.557 ng
RT: 3.03 min Scan# 118
Delta R.T. 0.13 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion: 88 Resp: 186985
Ion Ratio Lower Upper
88 100
58 89.3 62.6 93.8
43 34.7 24.6 37.0



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





#3

Pvridine

Concen: 41.045 ng

RT: 3.77 min Scan# 243

Delta R.T. 0.09 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

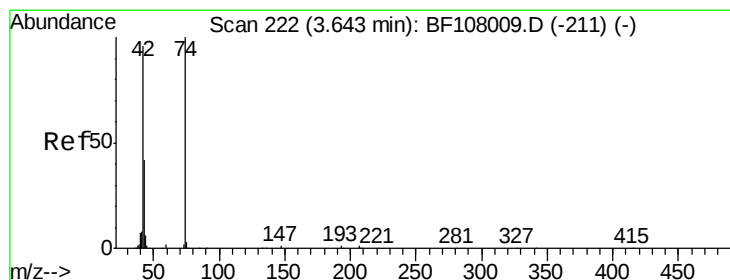
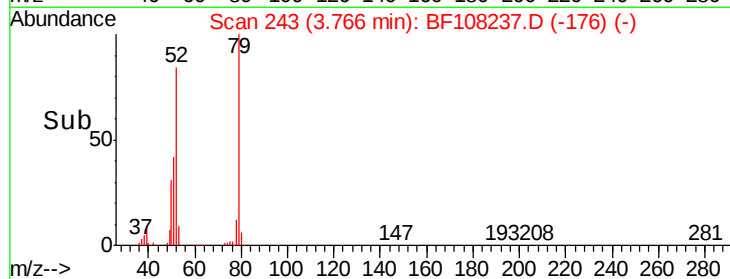
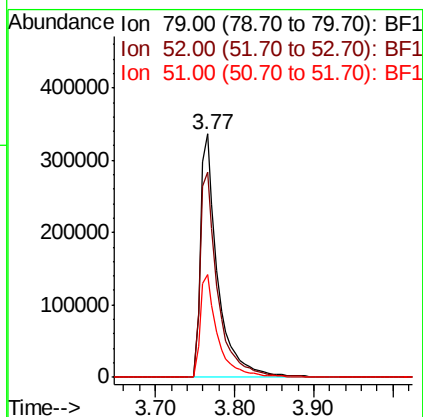
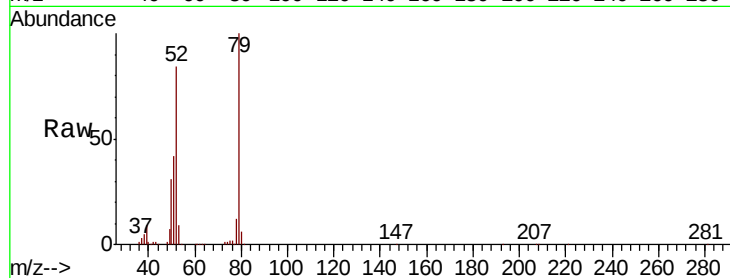
Tot Ion: 79 Resp: 512757

Ion Ratio Lower Upper

79 100

52 84.4 59.8 89.6

51 42.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 39.163 ng

RT: 3.73 min Scan# 237

Delta R.T. 0.09 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

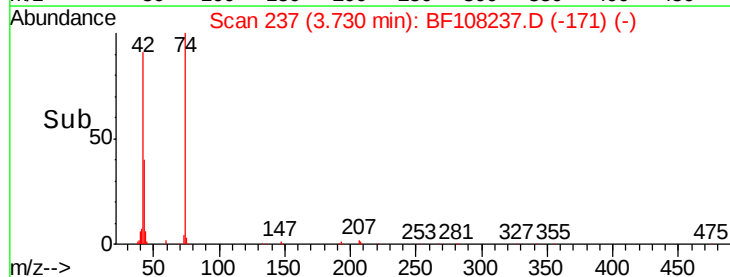
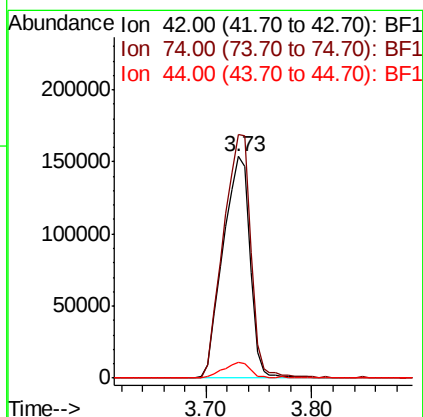
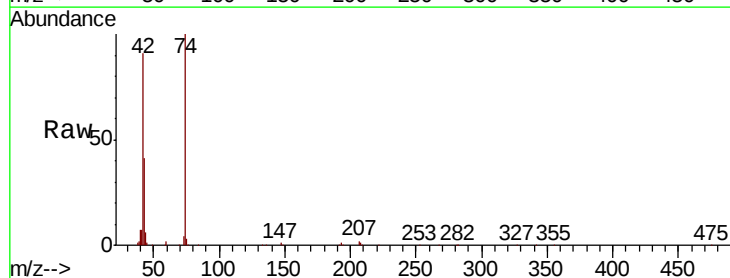
Tgt Ion: 42 Resp: 275295

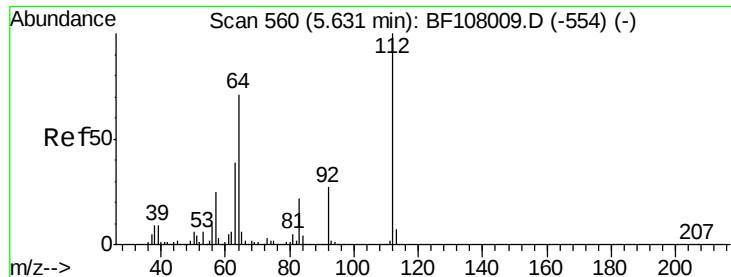
Ion Ratio Lower Upper

42 100

74 109.9 104.9 157.3

44 7.1 6.9 10.3





#5

2-Fluorophenol

Concen: 90.653 ng

RT: 5.65 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampled :

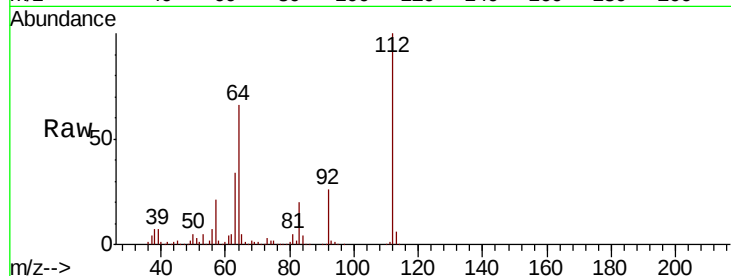
Tot Ion:112 Resp: 855583

Ion Ratio Lower Upper

112 100

64 66.2 47.9 71.9

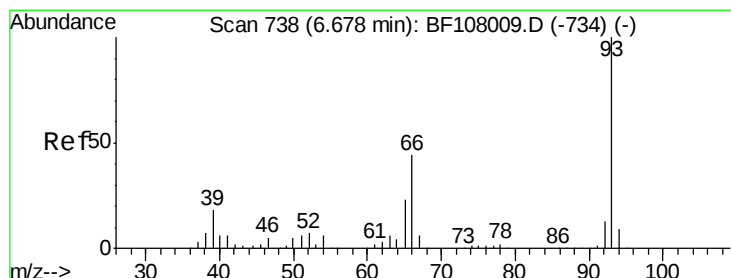
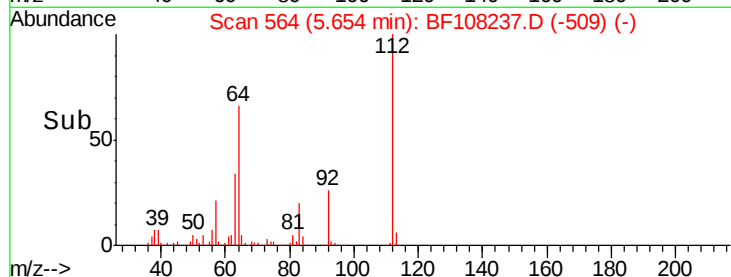
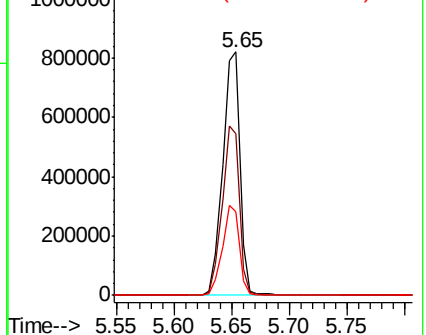
63 34.3 23.7 35.5



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: 31.549 ng

RT: 6.68 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

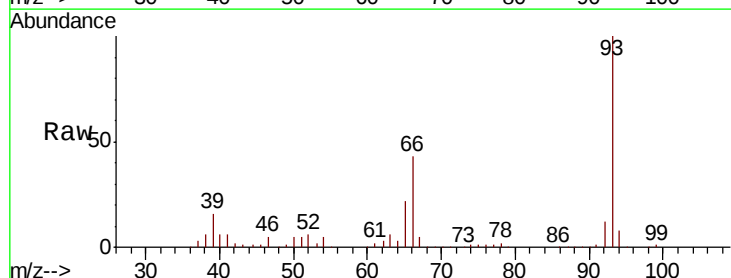
Tgt Ion: 93 Resp: 538209

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

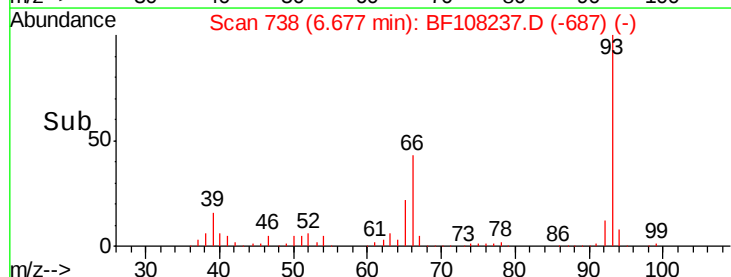
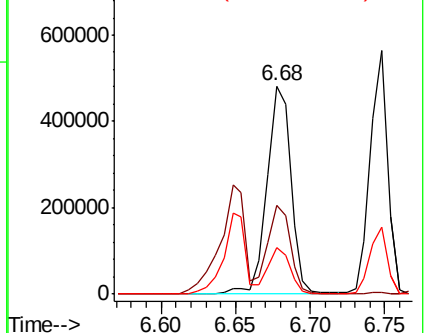
65 22.1 16.4 24.6

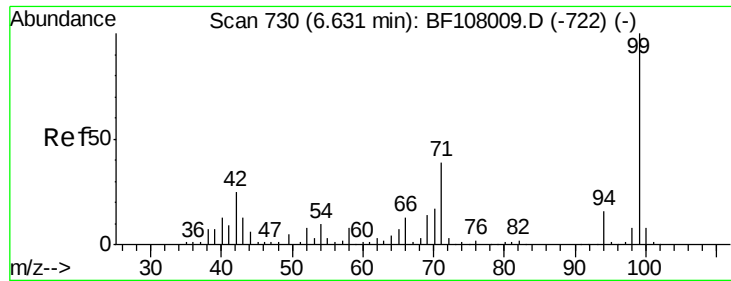


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.560 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

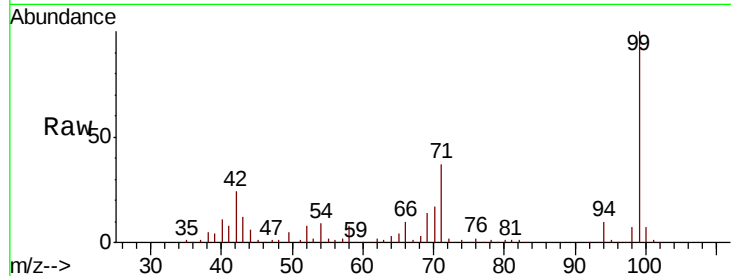
Instrument :

BNA_F

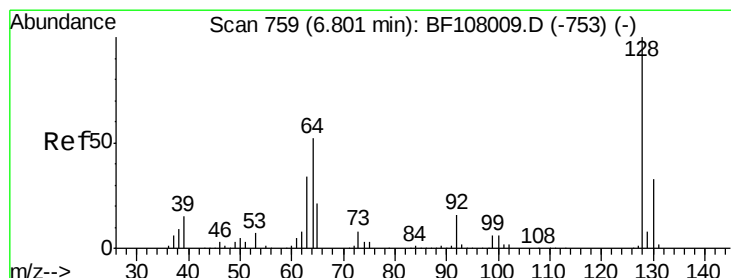
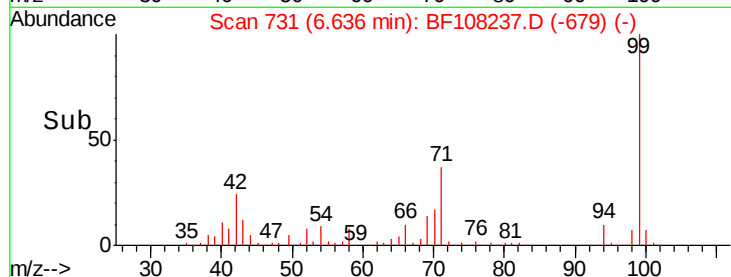
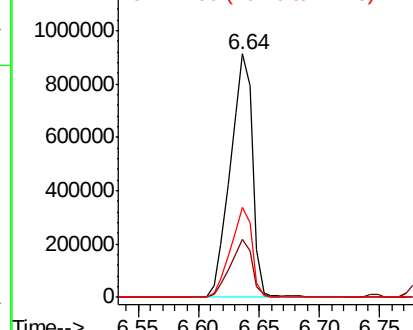
ClientSampleId :

Tot Ion: 99 Resp: 1160880

Ion	Ratio	Lower	Upper
99	100		
42	23.8	14.5	21.7#
71	36.9	25.4	38.0



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: 44.152 ng

RT: 6.80 min Scan# 759

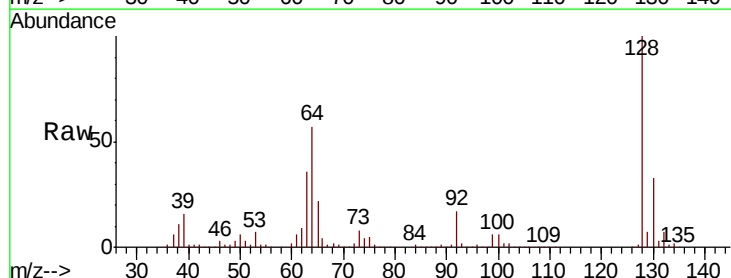
Delta R.T. -0.00 min

Lab File: BF108237.D

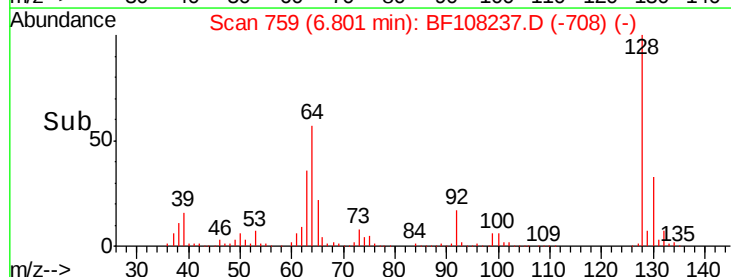
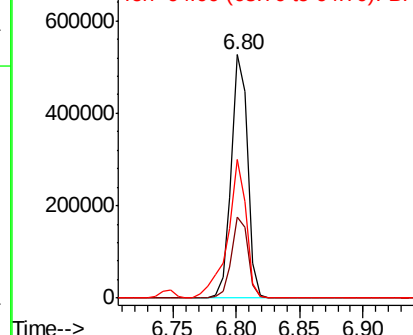
Acq: 17 Aug 2018 12:19

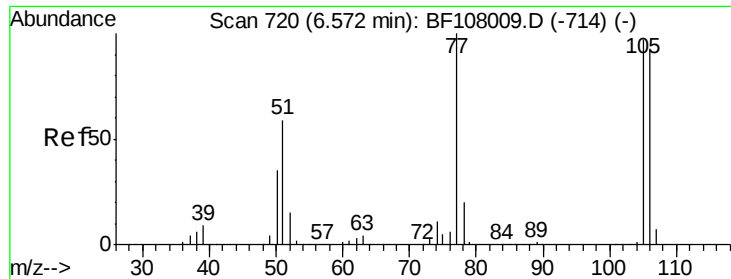
Tgt Ion: 128 Resp: 469321

Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	56.8	29.4	69.4



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

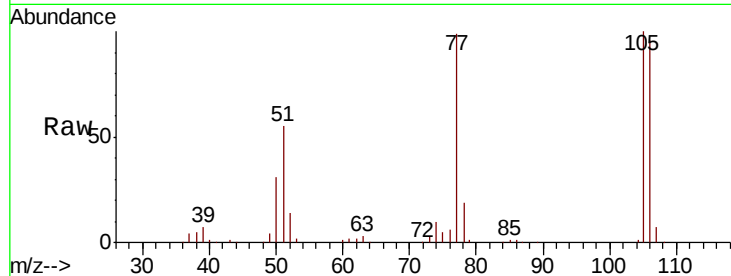




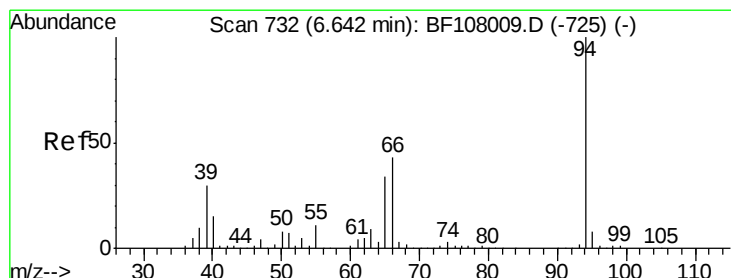
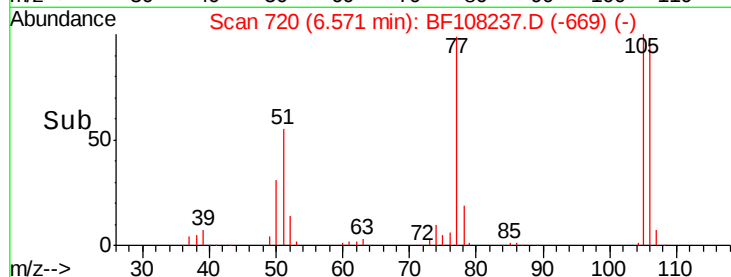
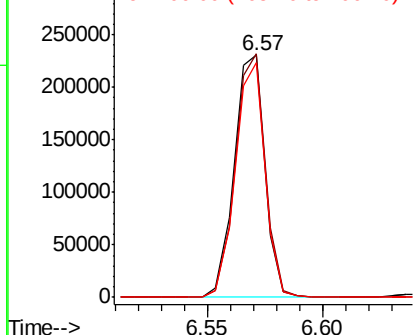
#9
Benzaldehyde
Concen: 21.897 ng
RT: 6.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 212926
Ion Ratio Lower Upper
77 100
105 100.5 81.1 121.1
106 96.9 74.5 114.5

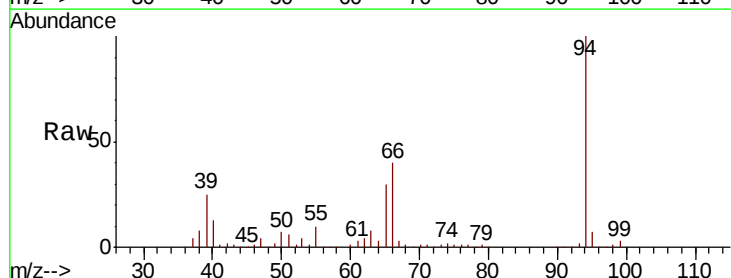


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

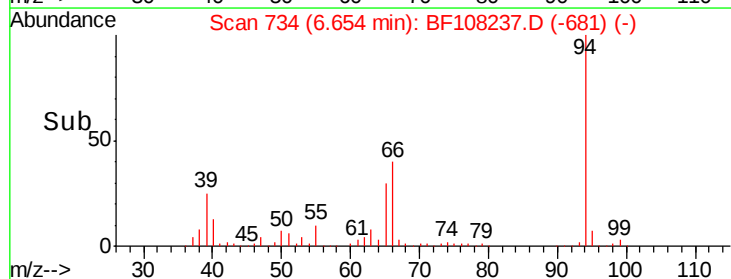
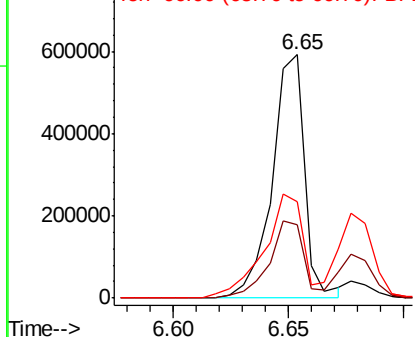


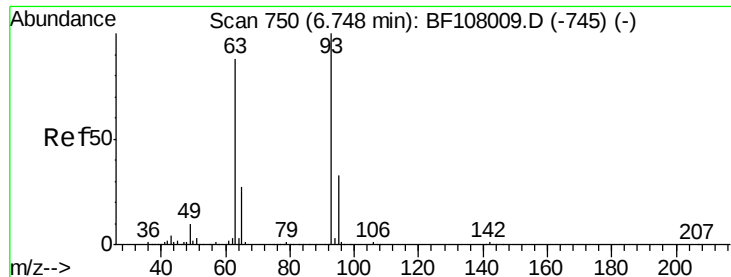
#10
Phenol
Concen: 44.242 ng
RT: 6.65 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion: 94 Resp: 573962
Ion Ratio Lower Upper
94 100
65 30.2 7.9 47.9
66 39.7 16.2 56.2



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

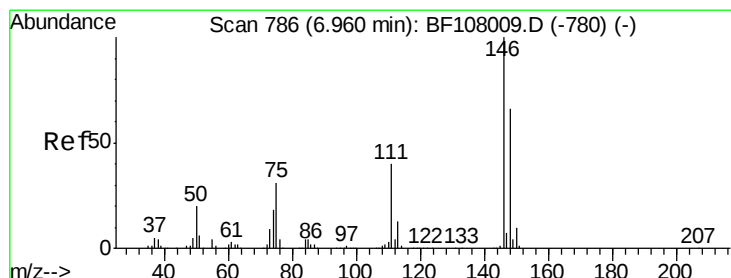
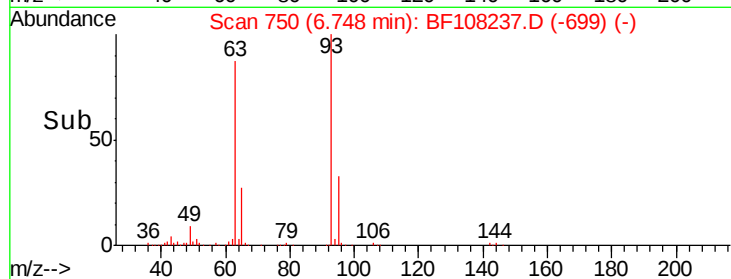
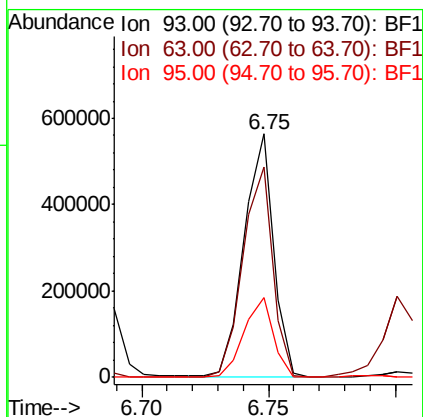
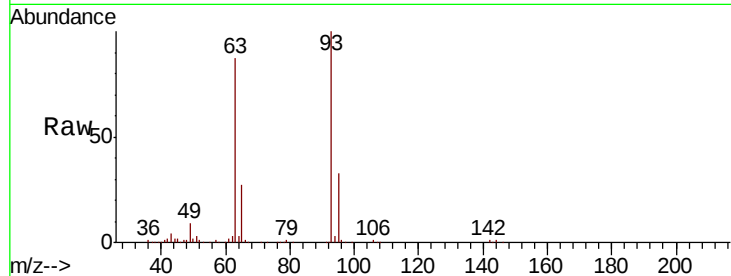




#11
bis(2-Chloroethyl)ether
Concen: 43.340 ng
RT: 6.75 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

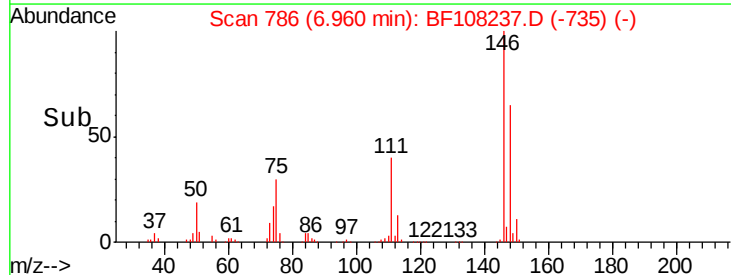
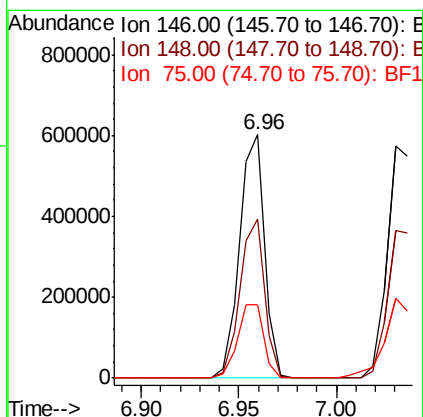
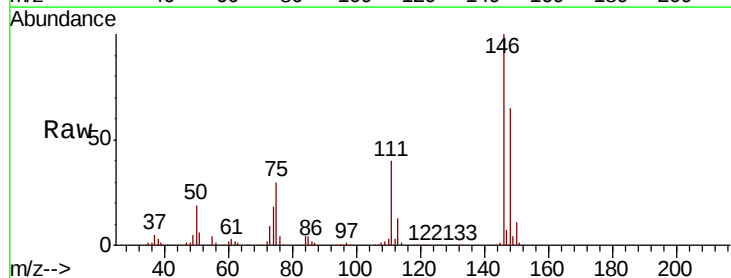
Instrument :
BNA_F
ClientSampleId :

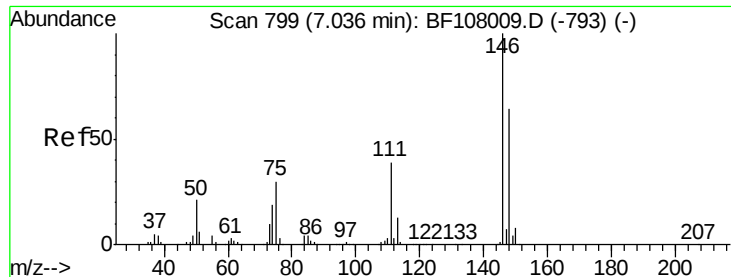
Tot Ion	93	Resp	454563
Ion Ratio	100	Lower	Upper
63	86.6	58.6	98.6
95	32.8	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 43.464 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	146	Resp	534205
Ion Ratio	100	Lower	Upper
148	65.2	51.8	77.8
75	29.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.036 ng

RT: 7.03 min Scan# 798

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

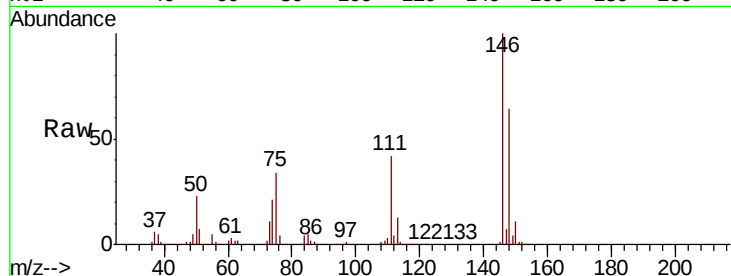
Tot Ion:146 Resp: 531438

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

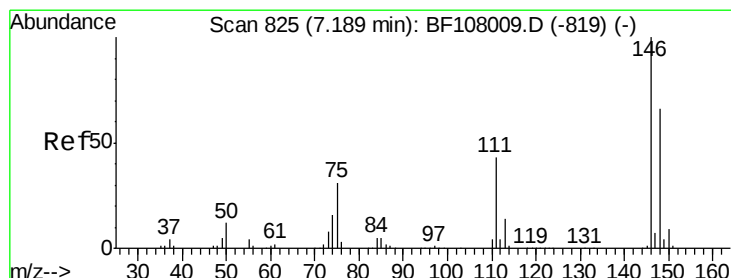
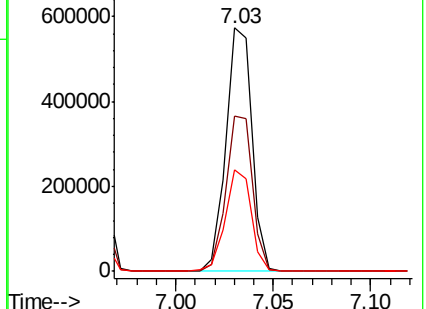
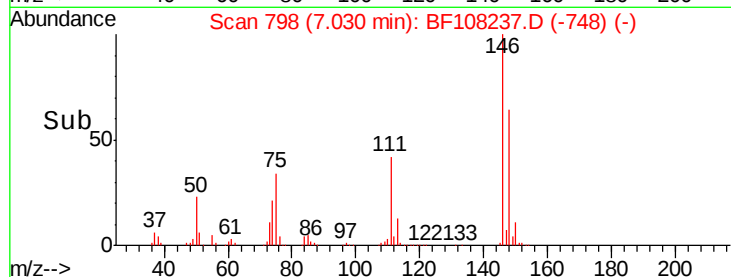
111 41.8 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.973 ng

RT: 7.19 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

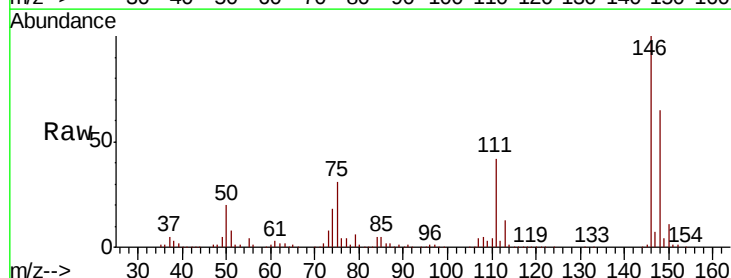
Tgt Ion:146 Resp: 493605

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

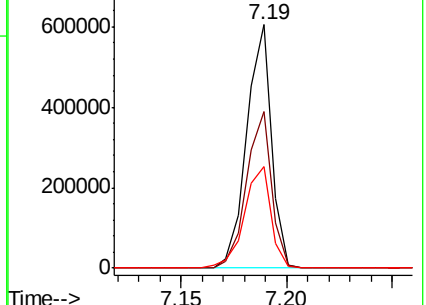
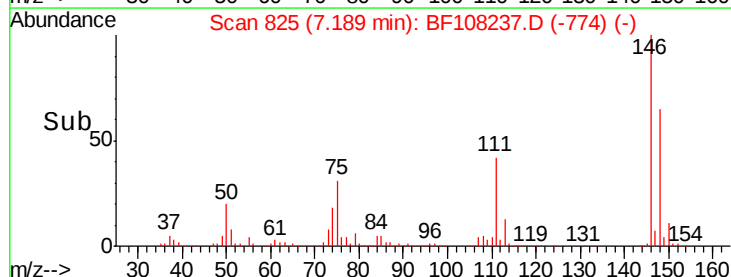
111 41.8 36.0 54.0

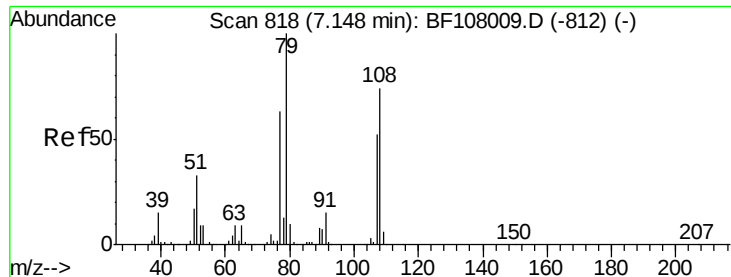


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.473 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampled :

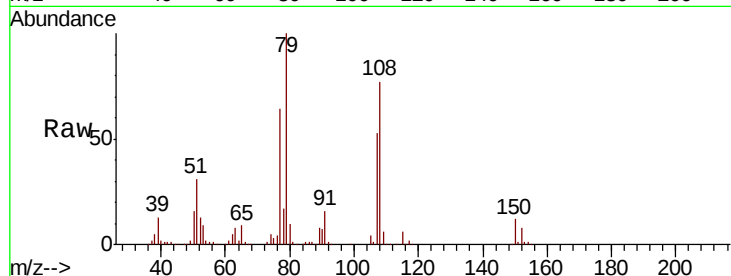
Tot Ion: 79 Resp: 385092

Ion Ratio Lower Upper

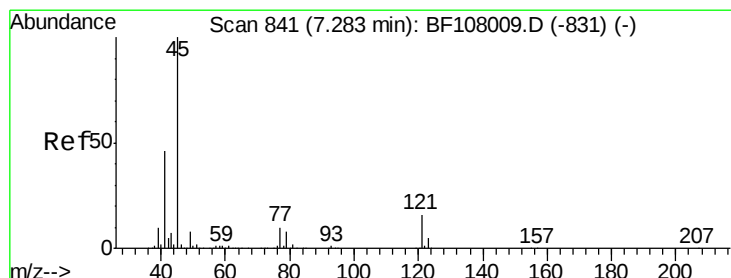
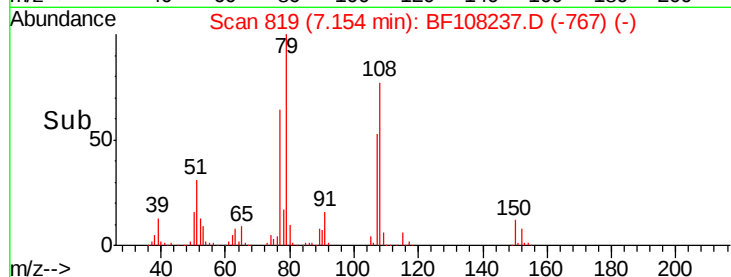
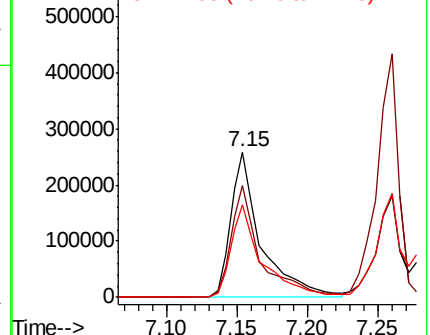
79 100

108 77.1 65.1 97.7

77 64.0 50.6 75.8



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: 41.134 ng

RT: 7.28 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

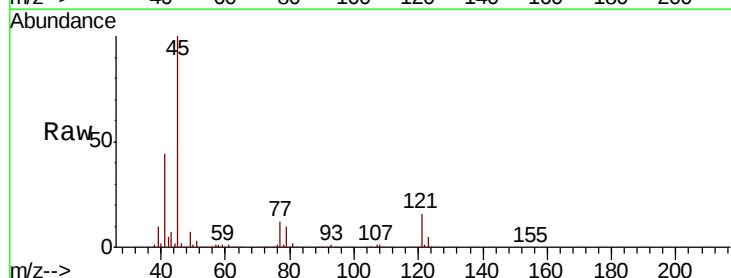
Tgt Ion: 45 Resp: 888767

Ion Ratio Lower Upper

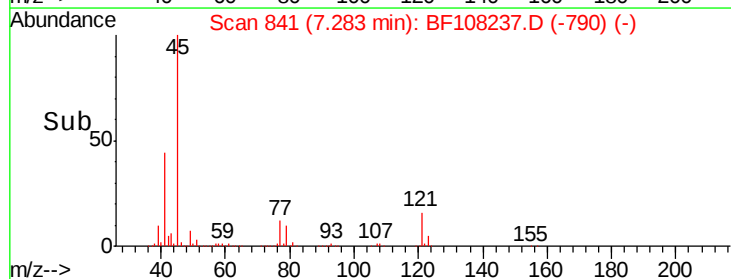
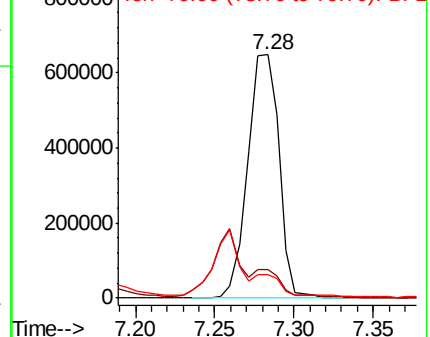
45 100

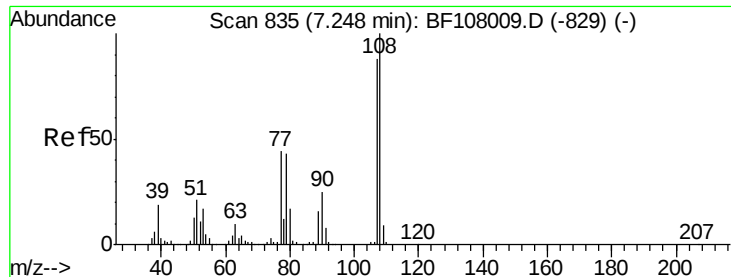
77 11.9 0.0 32.9

79 9.6 0.0 29.6



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





#17

2-Methylphenol

Concen: 43.529 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 396798

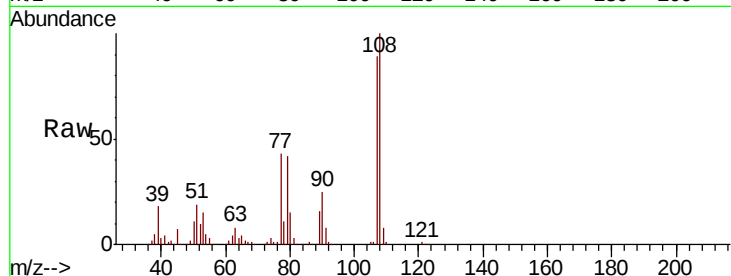
Ion Ratio Lower Upper

107 100

108 112.3 91.7 137.5

77 48.2 33.8 50.8

79 47.1 33.8 50.8

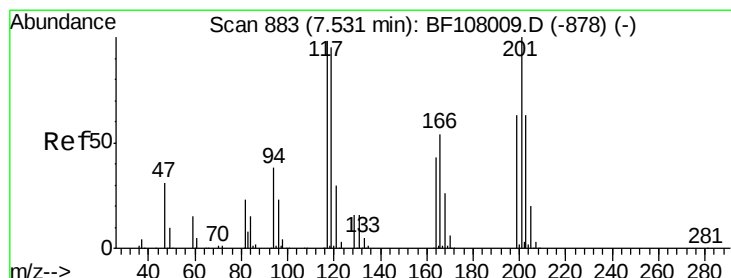
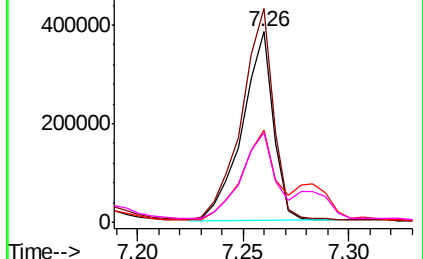
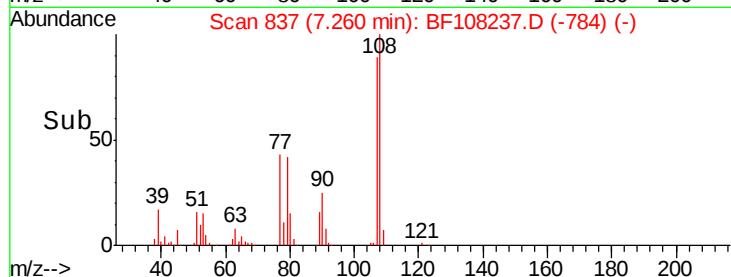


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.375 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

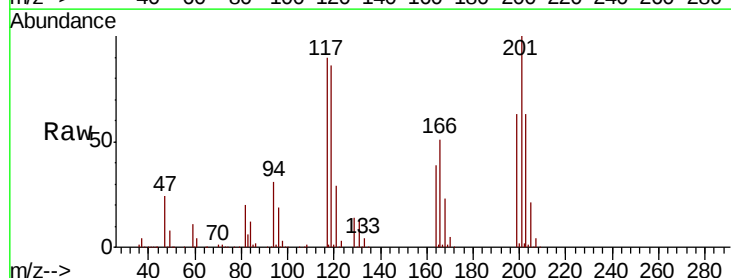
Tgt Ion:117 Resp: 195090

Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.8

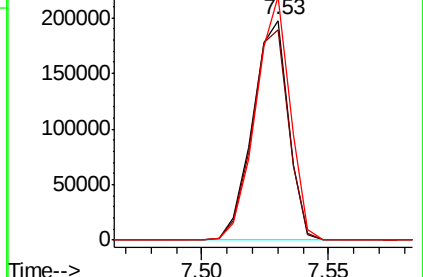
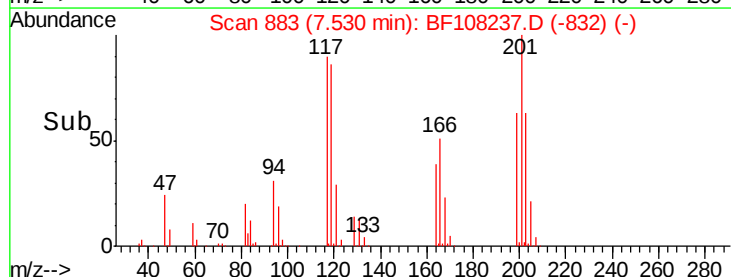
201 110.9 75.7 113.5

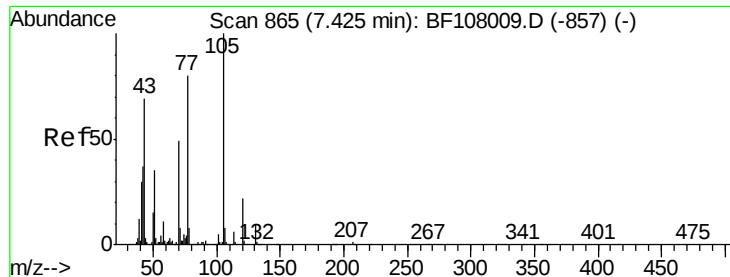


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

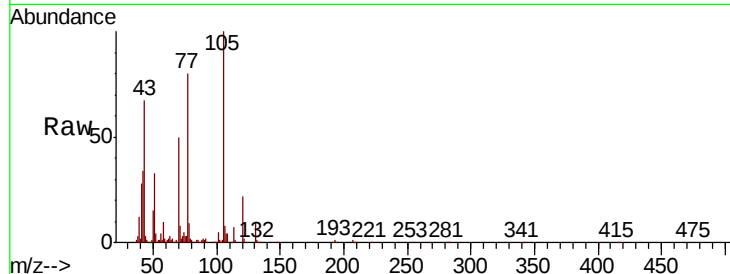




#19
n-Nitroso-di-n-propylamine
Concen: 41.832 ng
RT: 7.42 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	47.5	71.3
101	10.0	7.4	11.2
130	20.5	16.6	25.0



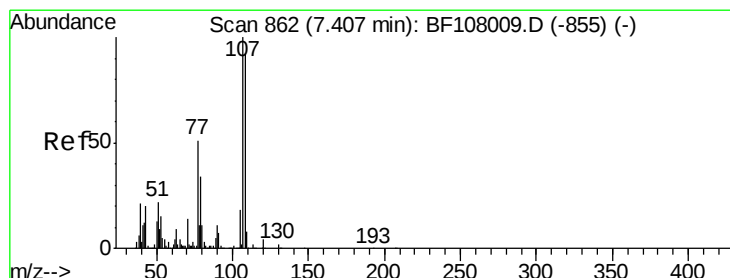
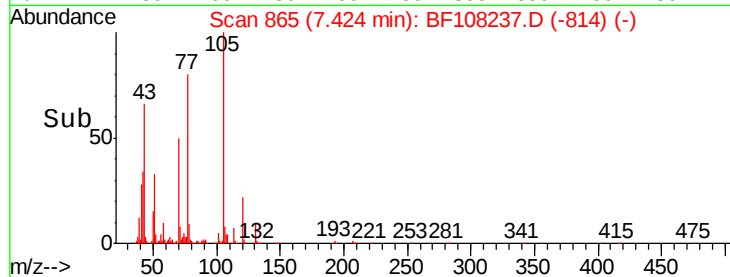
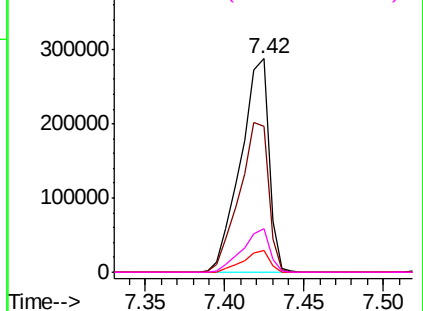
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 43.498 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	68.2	108.2
77	84.9	26.7	66.7#
79	33.2	6.3	46.3

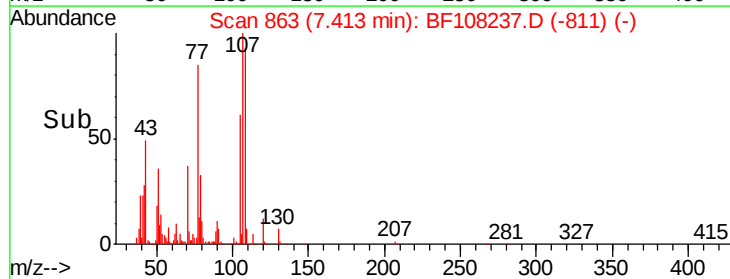
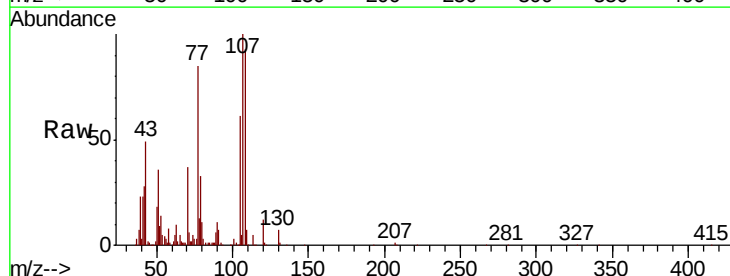
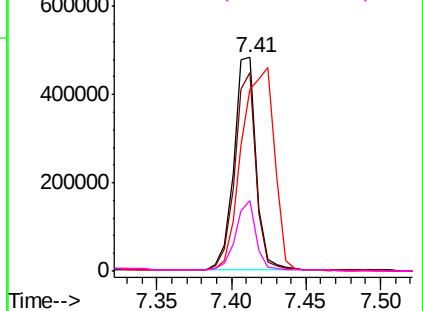
Abundance

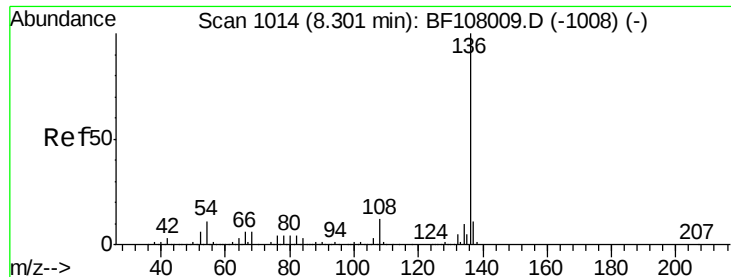
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 668481

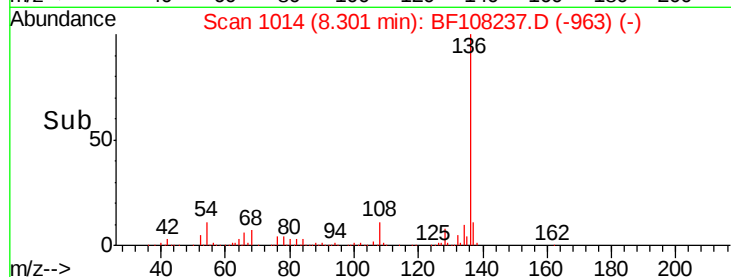
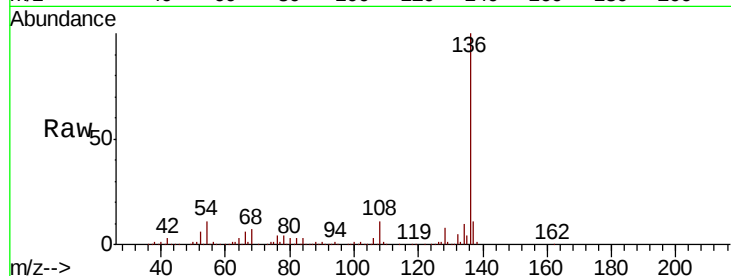
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 10.5 6.6 9.8#

68 6.6 5.0 7.4

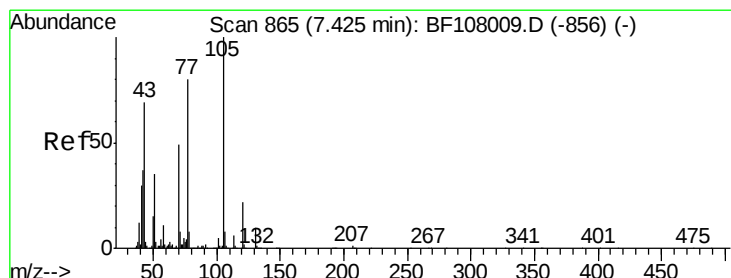
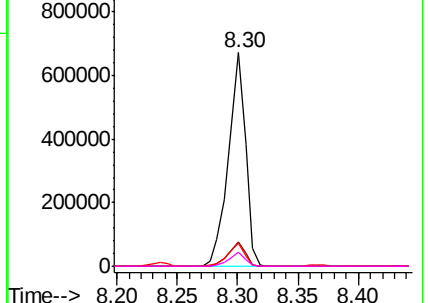


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.672 ng

RT: 7.42 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Tgt Ion:105 Resp: 666997

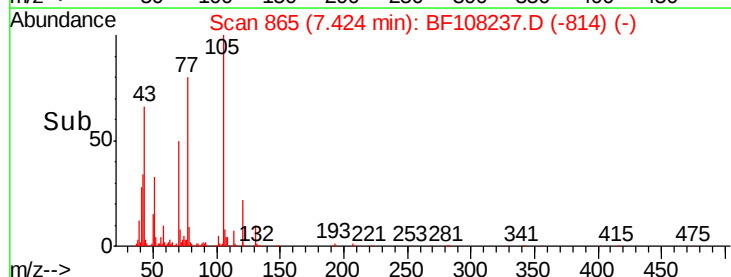
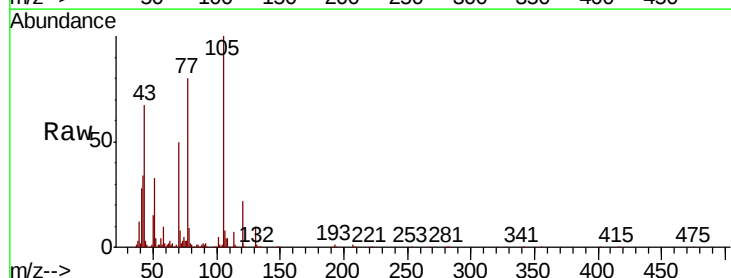
Ion Ratio Lower Upper

105 100

71 8.4 4.4 6.6#

51 33.5 22.3 33.5#

120 21.5 16.9 25.3

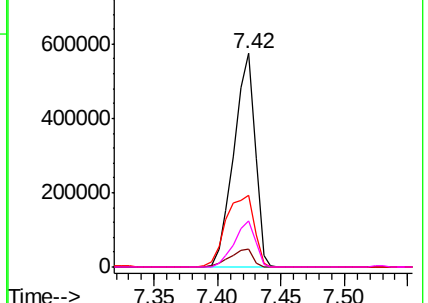


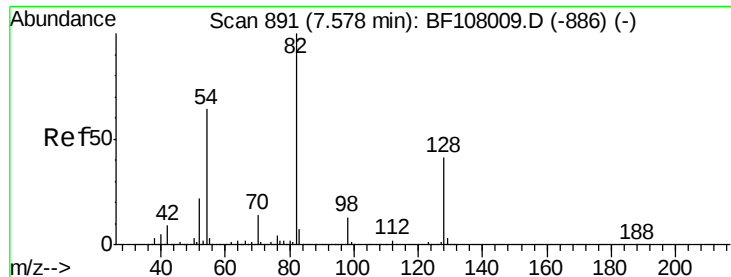
Abundance Ion 105.00 (104.70 to 105.70): E

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

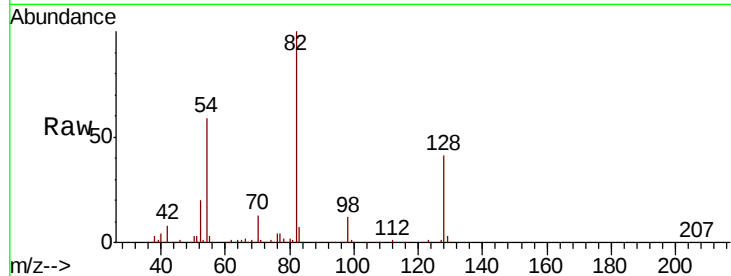




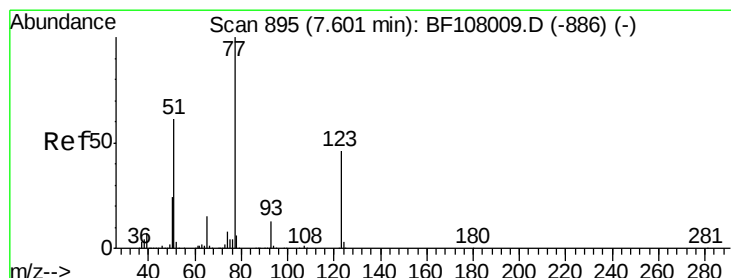
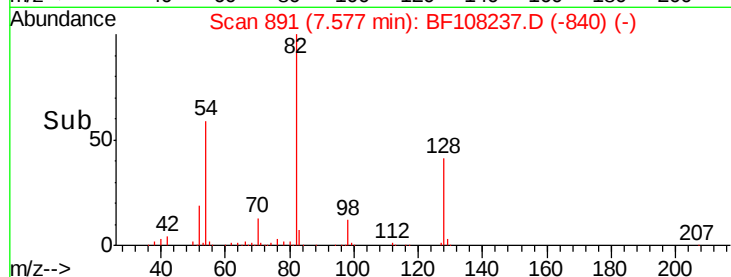
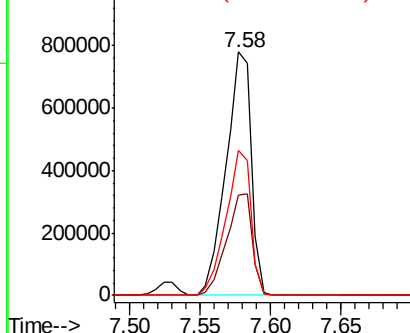
#23
 Nitrobenzene-d5
 Concen: 80.711 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	966883
Ion Ratio	Lower	Upper	
82	100		
128	41.3	36.1	54.1
54	59.5	41.4	62.2

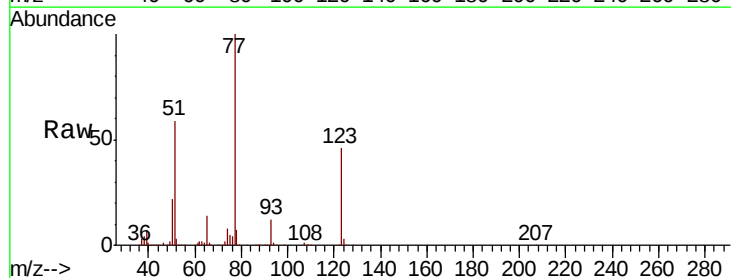


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

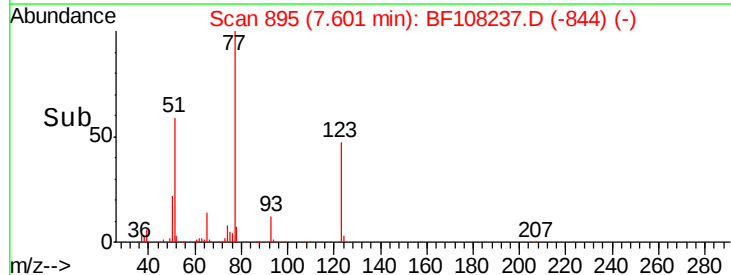
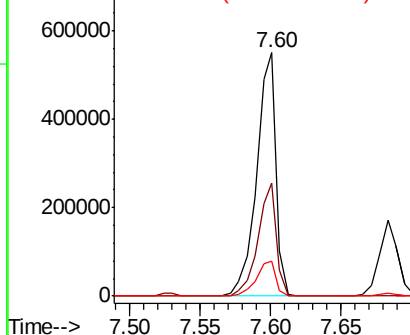


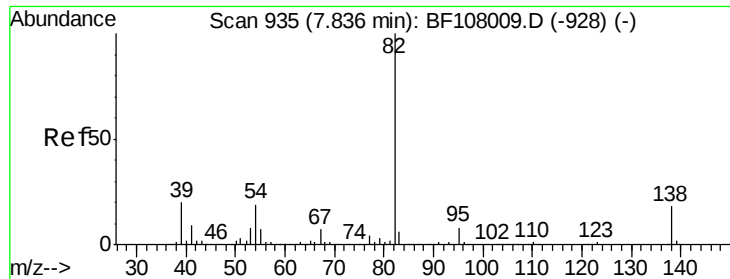
#24
 Nitrobenzene
 Concen: 43.711 ng
 RT: 7.60 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	77	Resp	529518
Ion Ratio	Lower	Upper	
77	100		
123	46.3	37.9	56.9
65	14.2	11.0	16.4



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





#25

Isophorone

Concen: 42.489 ng

RT: 7.84 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

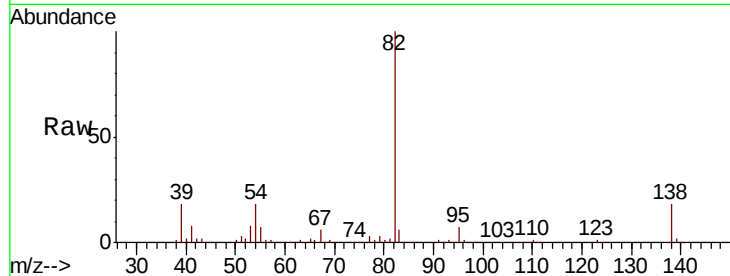
Tot Ion: 82 Resp: 970178

Ion Ratio Lower Upper

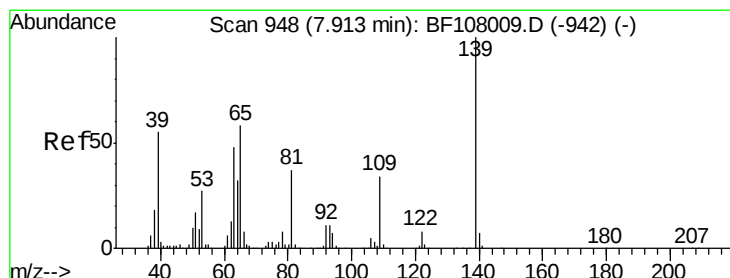
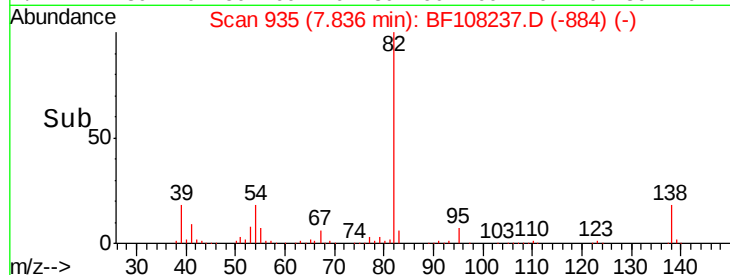
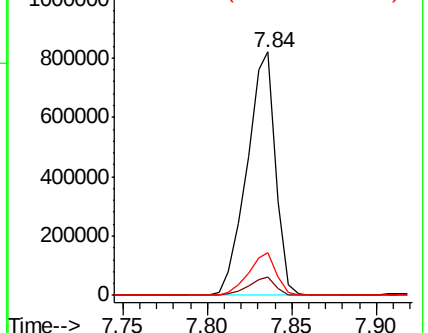
82 100

95 7.4 5.2 7.8

138 17.8 14.9 22.3



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



#26

2-Nitrophenol

Concen: 50.210 ng

RT: 7.91 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

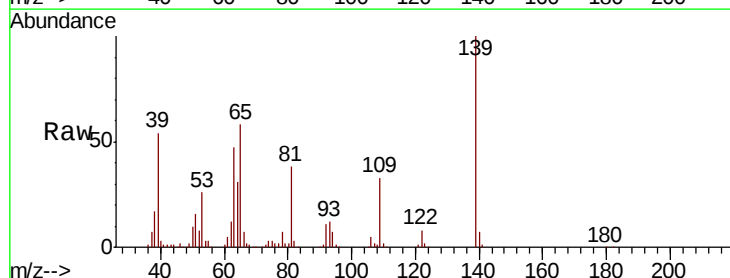
Tgt Ion: 139 Resp: 229701

Ion Ratio Lower Upper

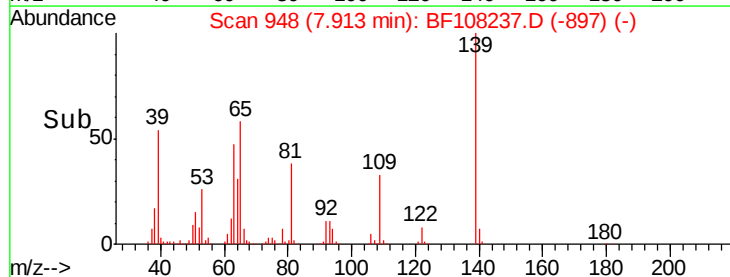
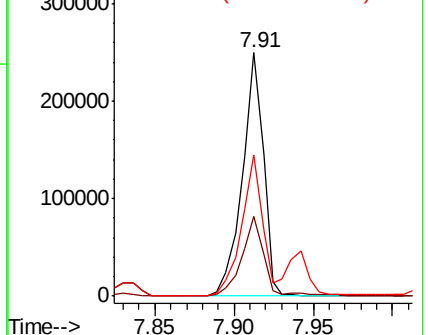
139 100

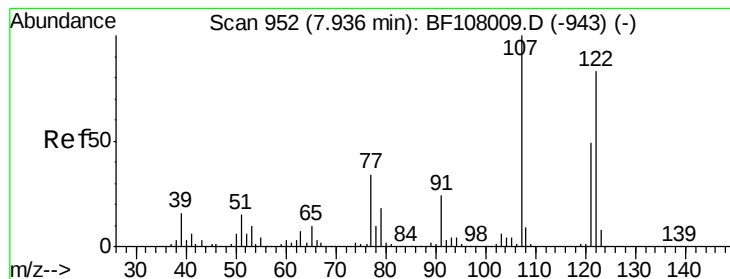
109 32.7 22.7 34.1

65 58.2 40.5 60.7



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





#27

2,4-Dimethylphenol

Concen: 44.712 ng

RT: 7.94 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

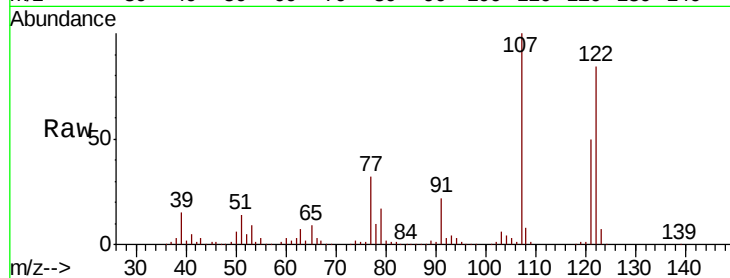
Tot Ion:122 Resp: 453122

Ion Ratio Lower Upper

122 100

107 118.8 91.2 136.8

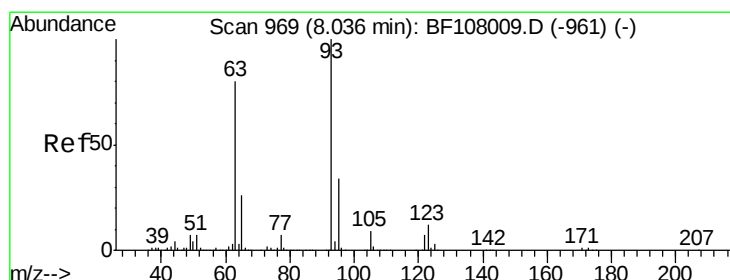
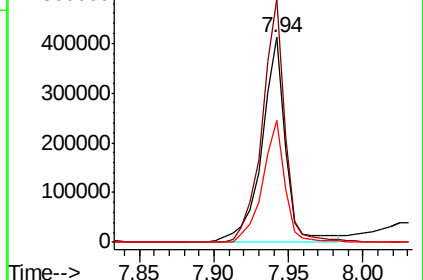
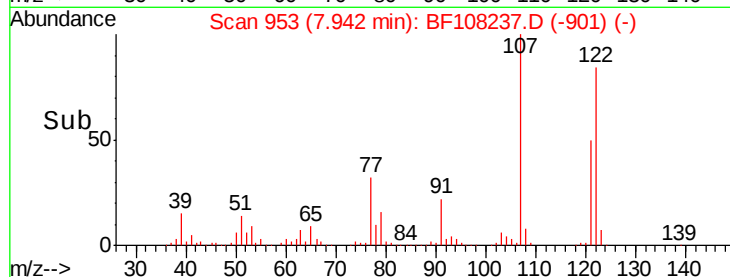
121 59.2 47.2 70.8



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: 44.109 ng

RT: 8.04 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

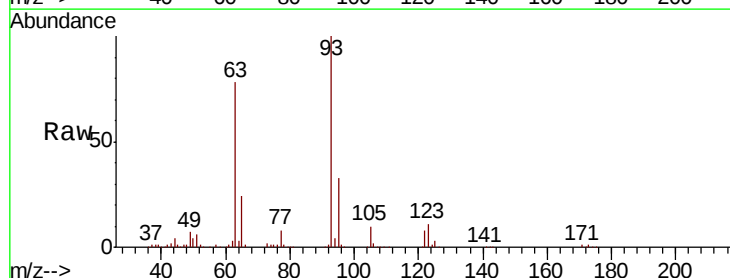
Tgt Ion: 93 Resp: 587963

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

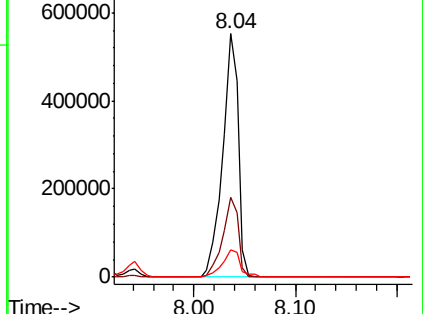
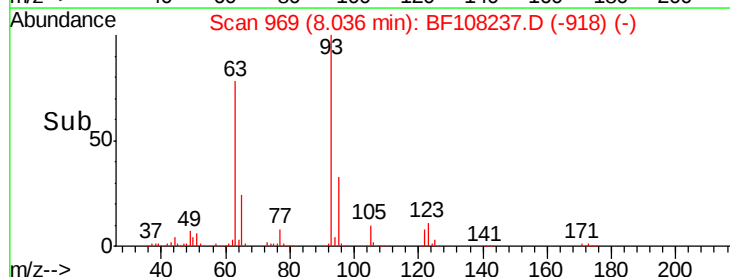
123 11.0 9.8 14.6

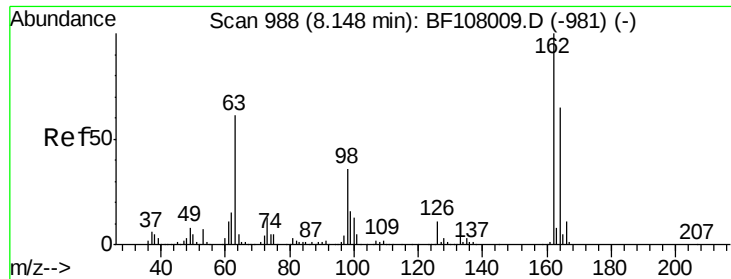


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

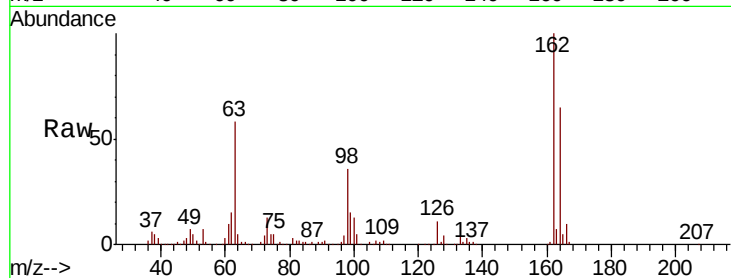




#29
2,4-Dichlorophenol
Concen: 45.810 ng
RT: 8.15 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	42.7	82.7
98	36.2	18.1	58.1

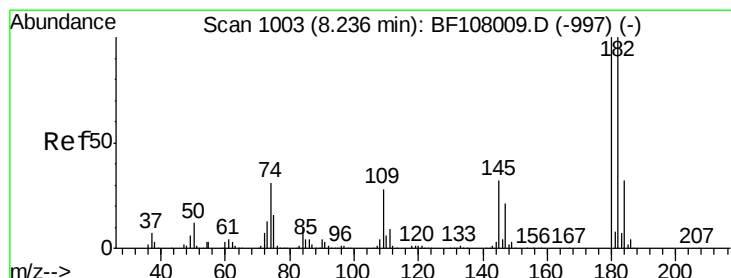
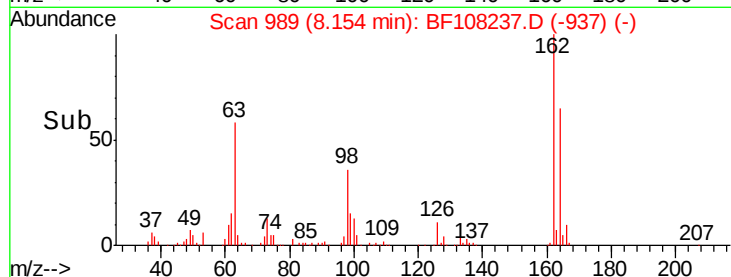
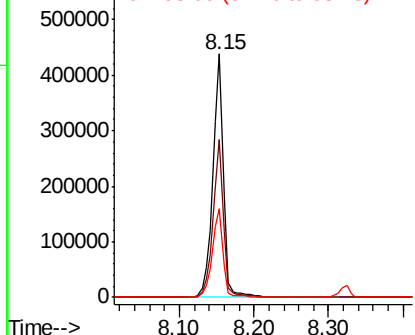


Abundance

Ion 162.00 (161.70 to 162.70): E

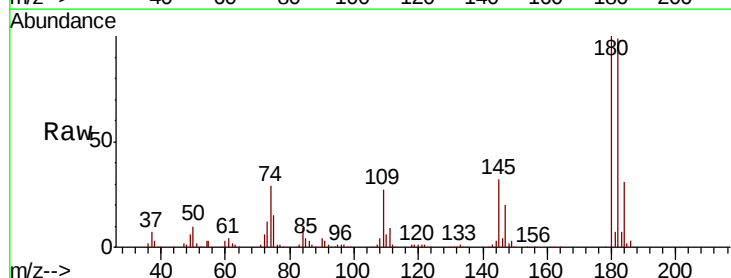
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.857 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.8	115.2
145	31.6	26.5	39.7

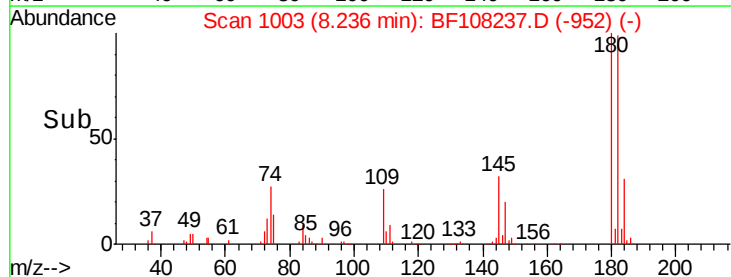
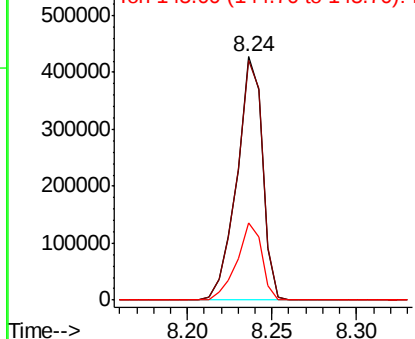


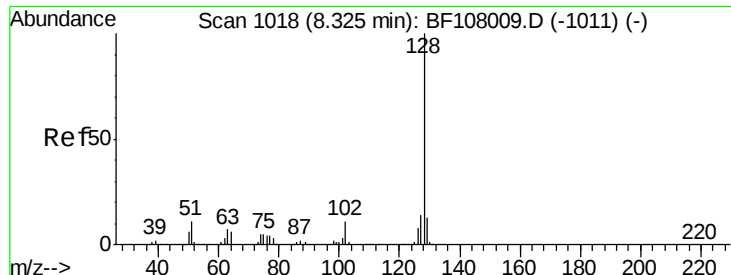
Abundance

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

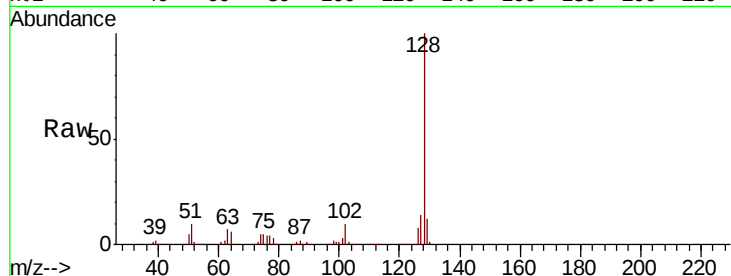




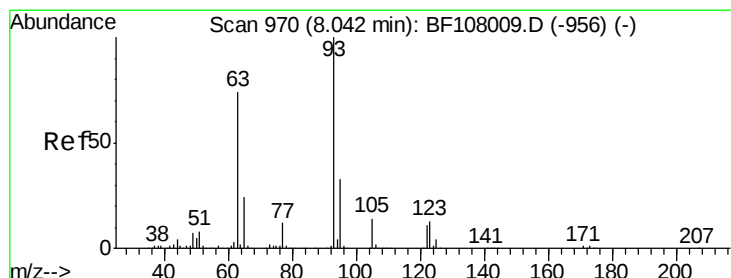
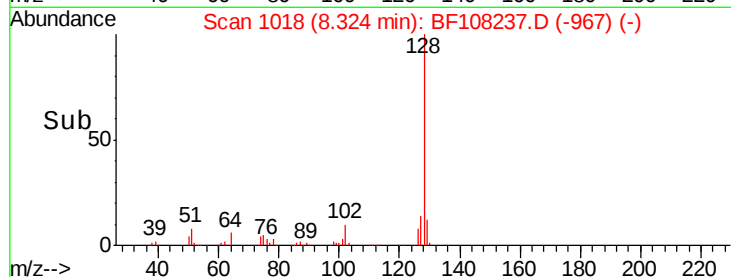
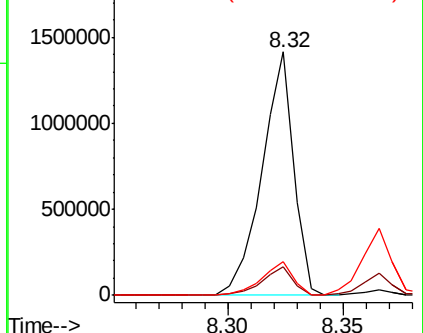
#31
Naphthalene
Concen: 44.563 ng
RT: 8.32 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1354762
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.8 10.9 16.3

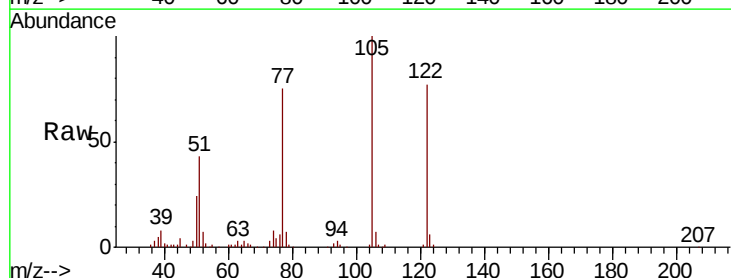


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

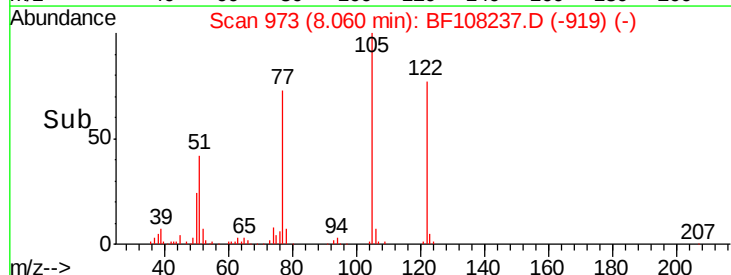
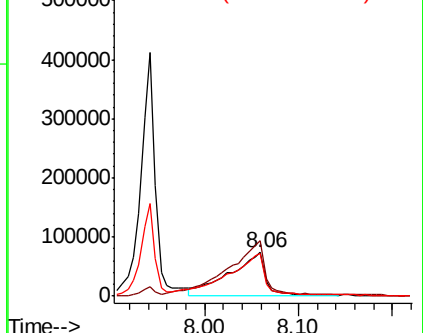


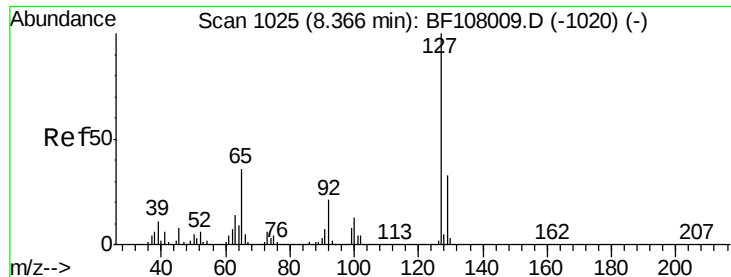
#32
Benzoic acid
Concen: 35.083 ng
RT: 8.06 min Scan# 973
Delta R.T. 0.02 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:122 Resp: 195520
Ion Ratio Lower Upper
122 100
105 129.1 101.1 141.1
77 97.4 70.7 110.7



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

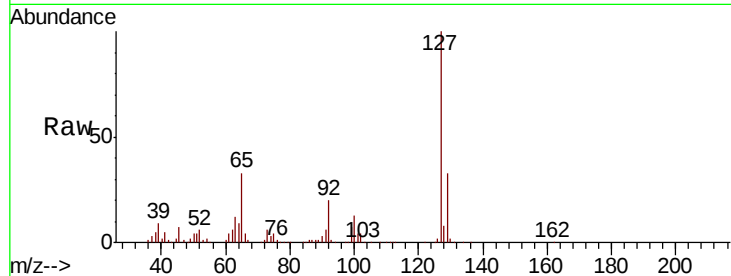




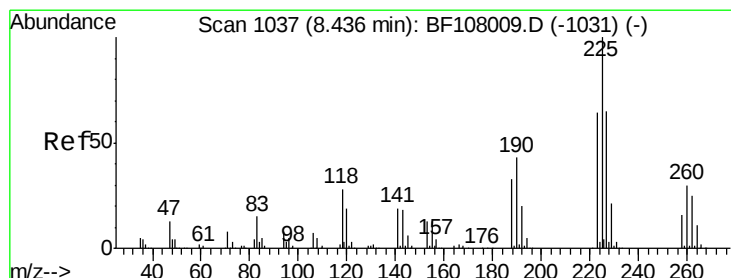
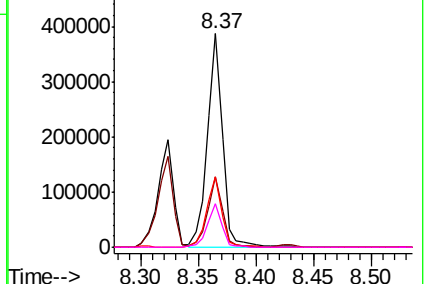
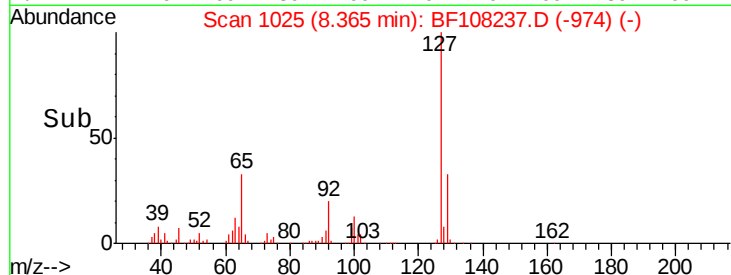
#33
4-Chloroaniline
Concen: 26.771 ng
RT: 8.37 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	354679
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	33.3	25.0	37.4
92	20.2	15.2	22.8

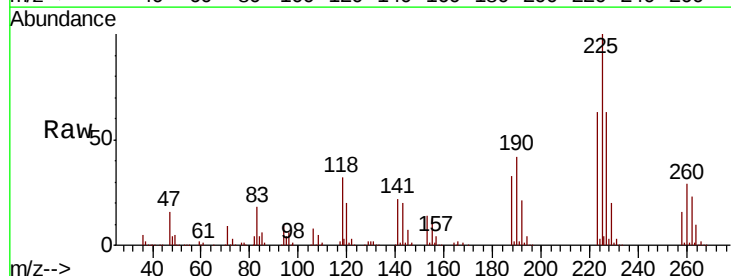


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

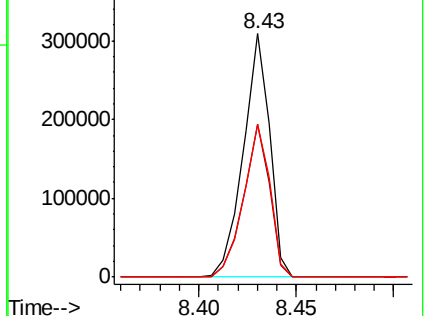
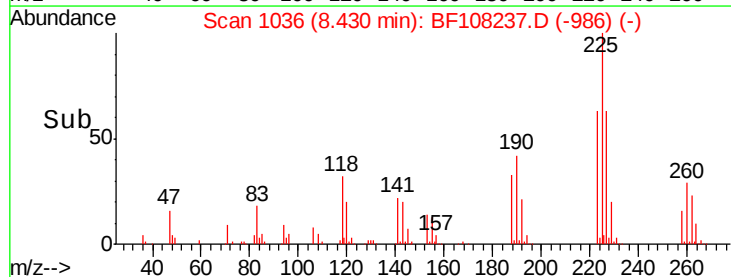


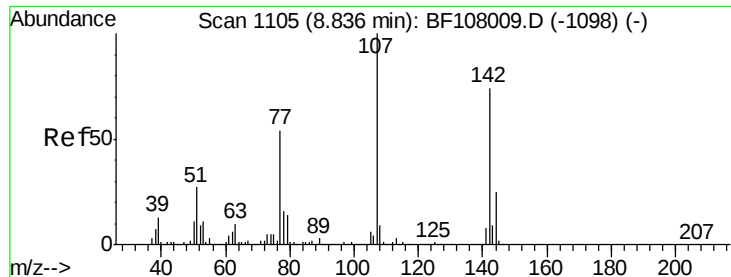
#34
Hexachlorobutadiene
Concen: 44.517 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:	225	Resp:	289778
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	62.9	51.9	77.9



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

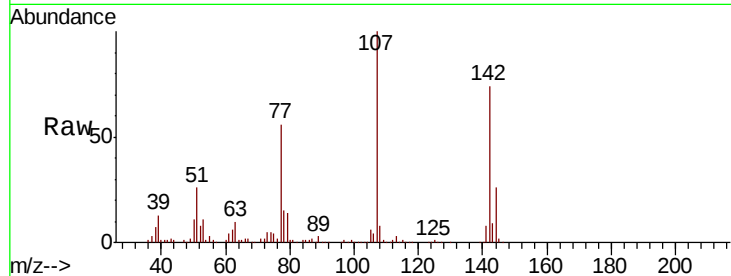




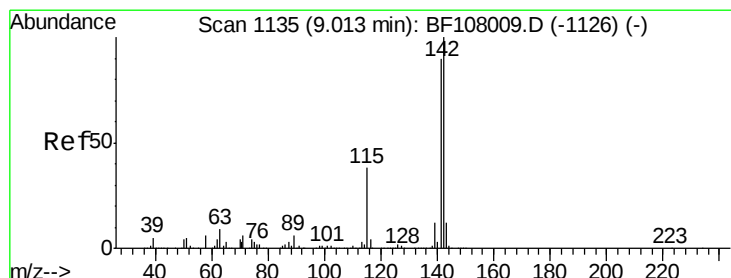
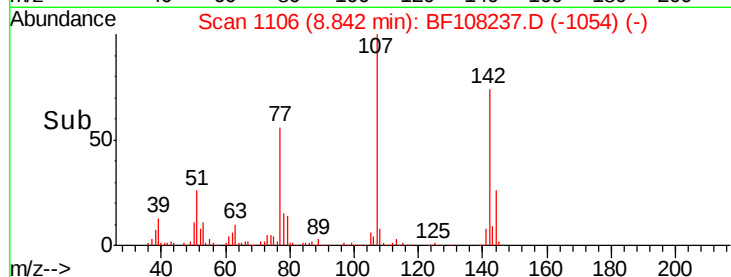
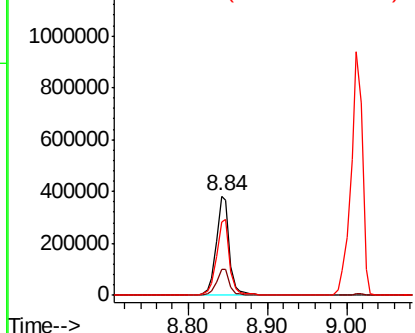
#36
 4-Chloro-3-methylphenol
 Concen: 44.161 ng
 RT: 8.84 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:107 Resp: 444297
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.5 30.7
 142 74.3 62.0 93.0

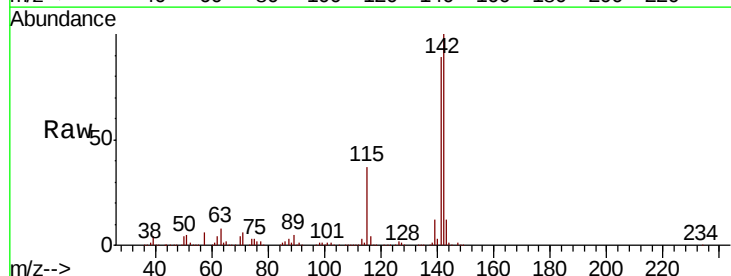


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

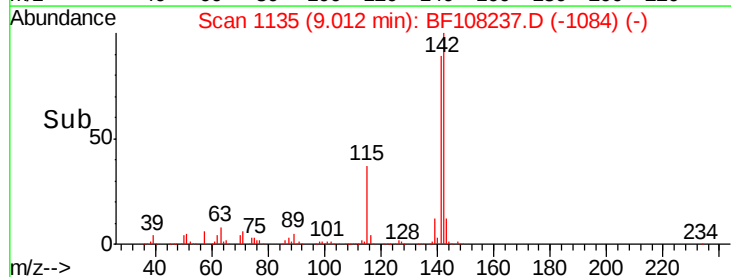
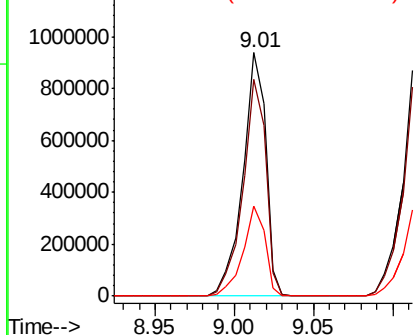


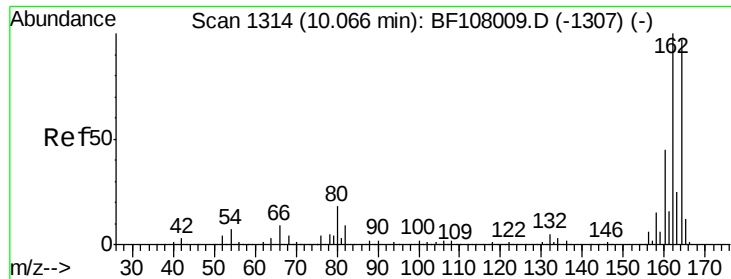
#37
 2-Methylnaphthalene
 Concen: 43.627 ng
 RT: 9.01 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion:142 Resp: 938386
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.8 106.2
 115 36.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampled :

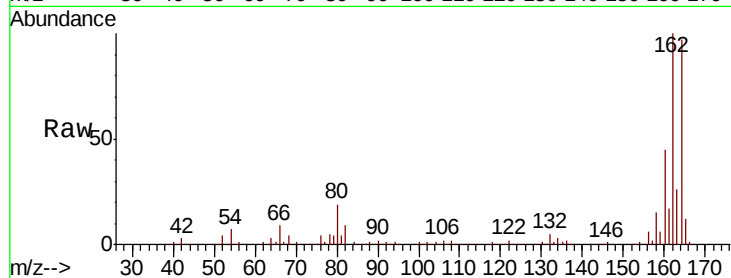
Tot Ion:164 Resp: 344984

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

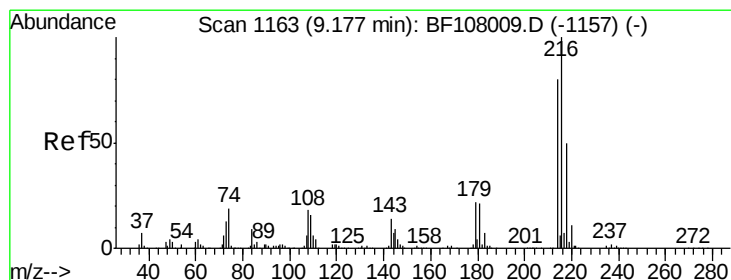
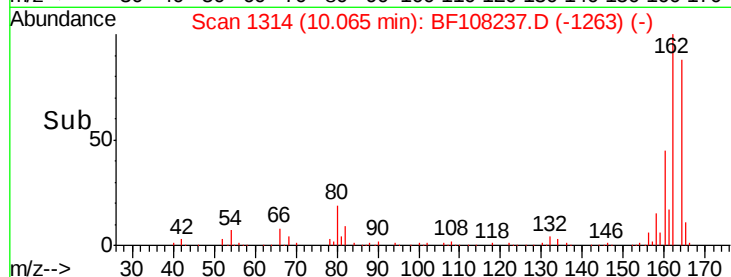
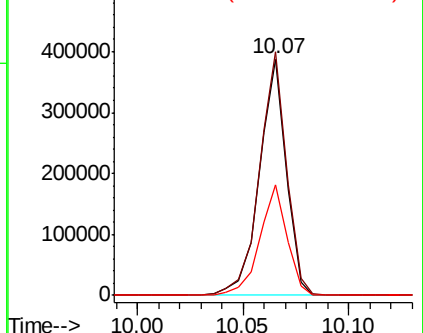
160 46.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.072 ng

RT: 9.18 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Tgt Ion:216 Resp: 466907

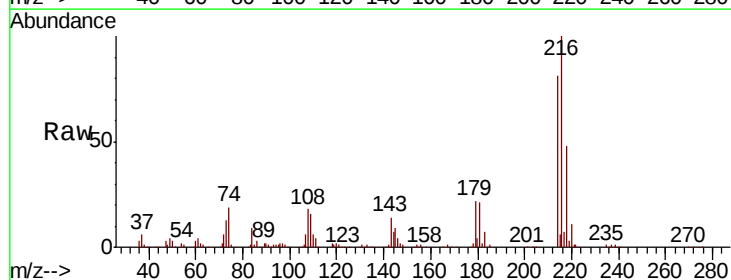
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 21.1 18.1 27.1

108 20.6 17.2 25.8

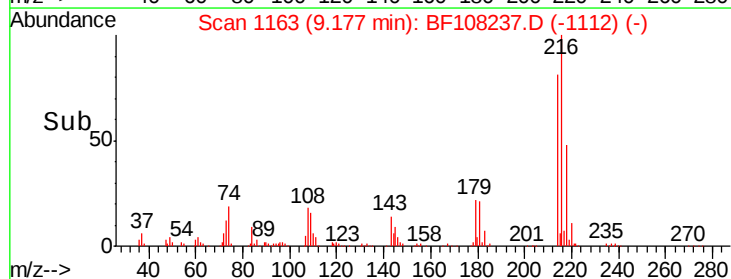
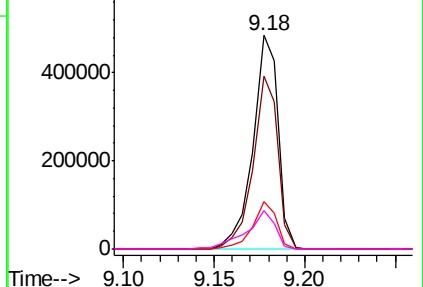


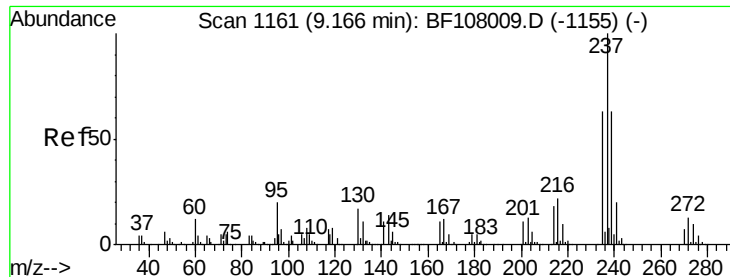
Abundance Ion 216.00 (215.70 to 216.70): E

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

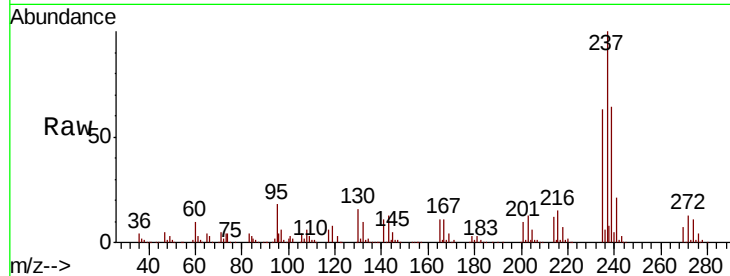




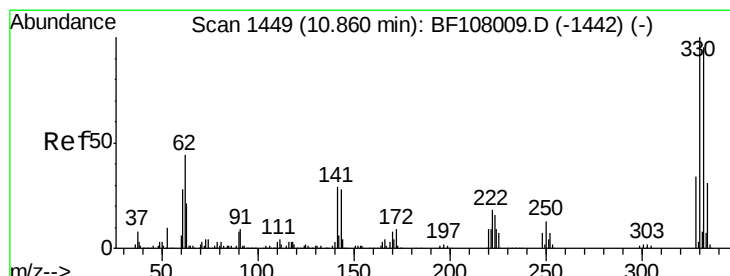
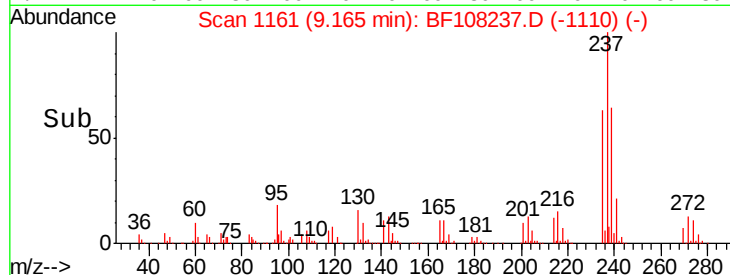
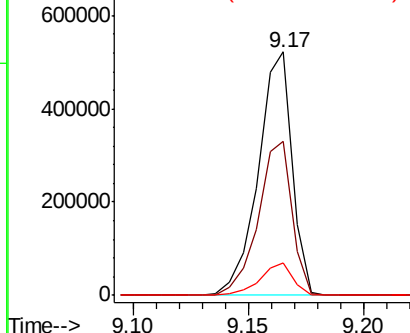
#40
Hexachlorocyclopentadiene
Concen: 77.716 ng
RT: 9.17 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.8	84.8
272	13.3	0.0	33.3

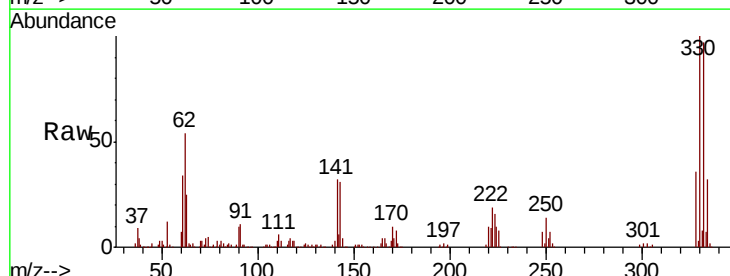


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

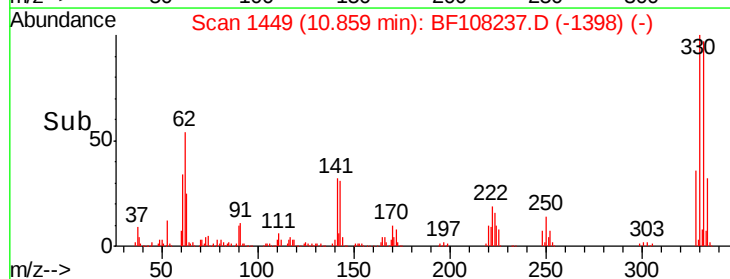
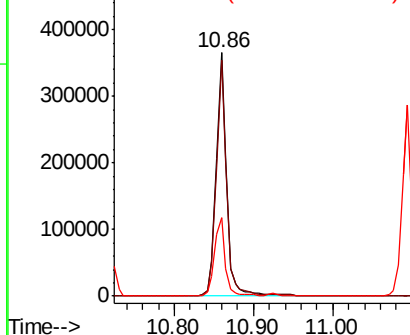


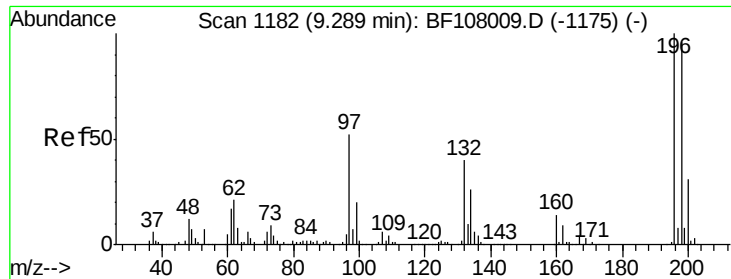
#41
2,4,6-Tribromophenol
Concen: 98.810 ng
RT: 10.86 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.2	29.9	44.9



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

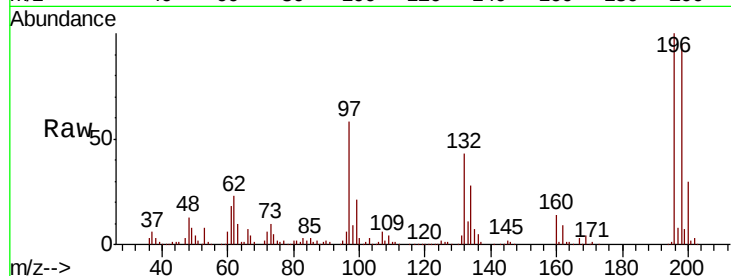




#42
 2,4,6-Trichlorophenol
 Concen: 45.870 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
200	30.1	24.5	36.7

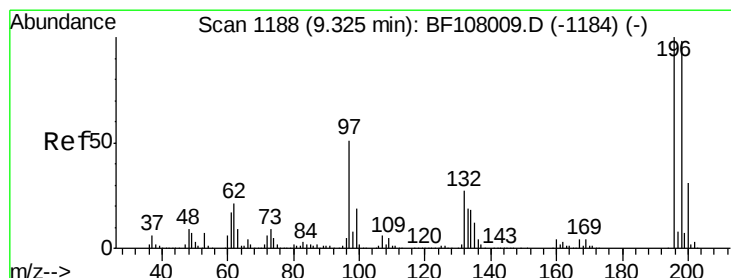
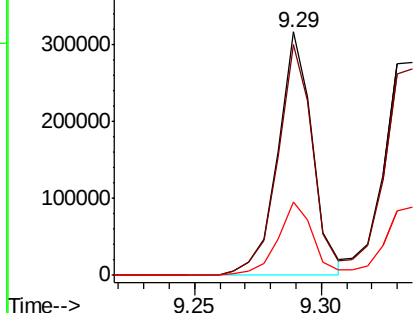
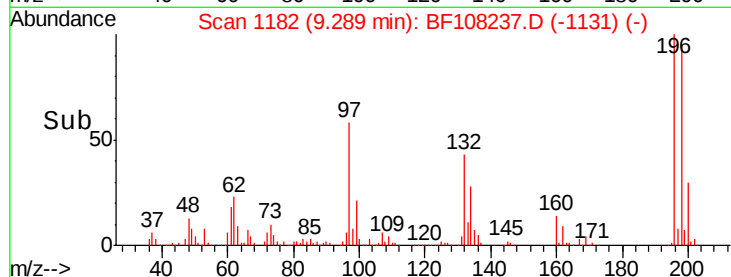


Abundance

Ion 196.00 (195.70 to 196.70): E

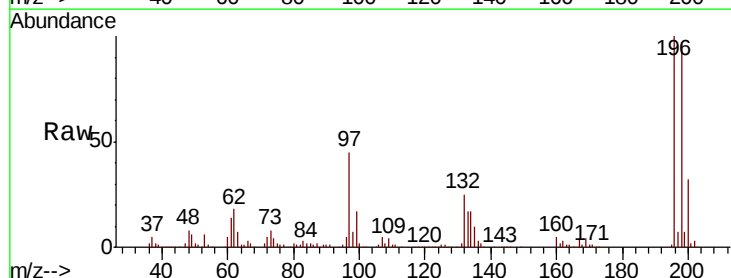
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 47.575 ng
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	74.6	112.0
97	45.0	42.9	64.3
132	24.9	26.3	39.5#



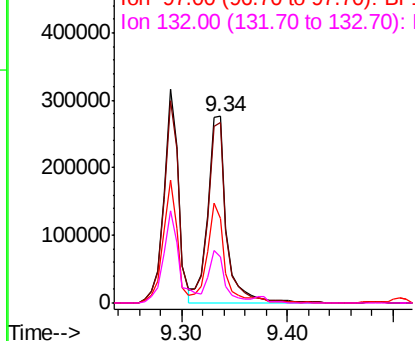
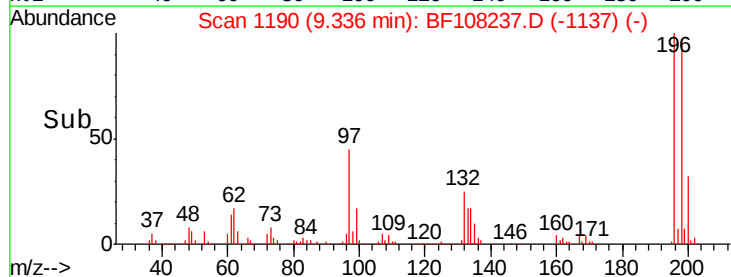
Abundance

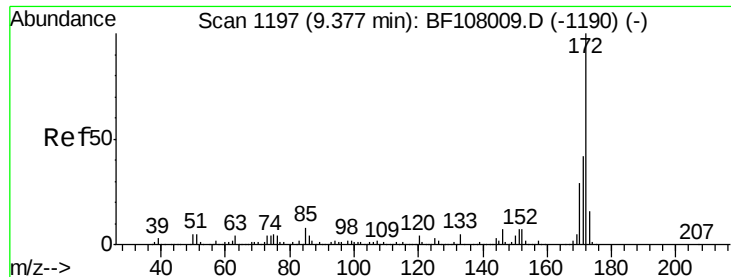
Ion 196.00 (195.70 to 196.70): E

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



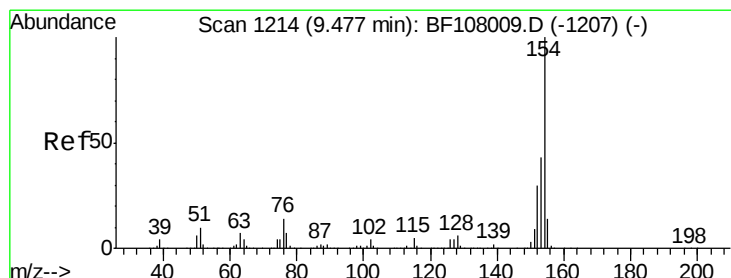
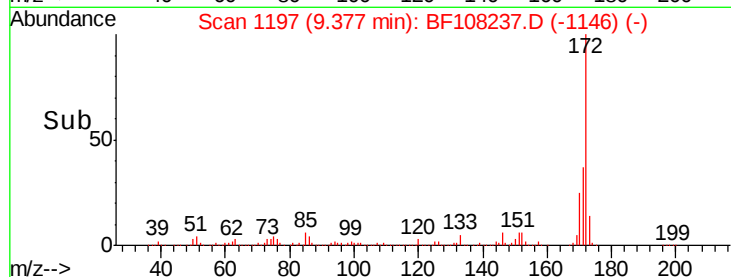
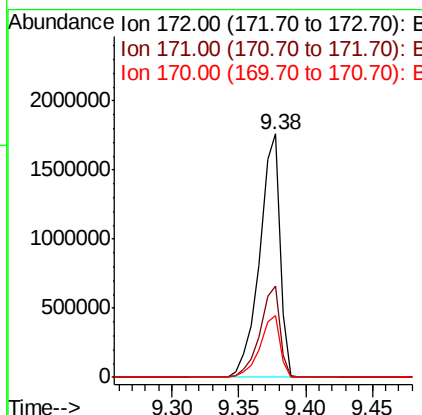
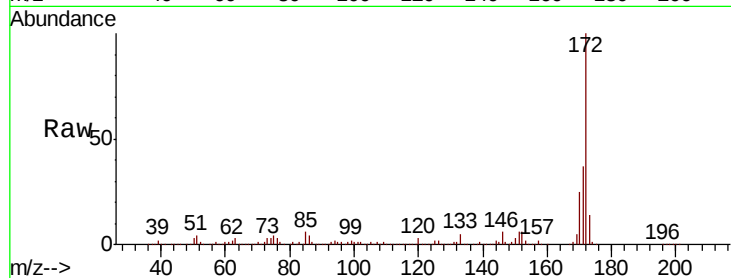


#44
 2-Fluorobiphenyl
 Concen: 85.711 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1841769

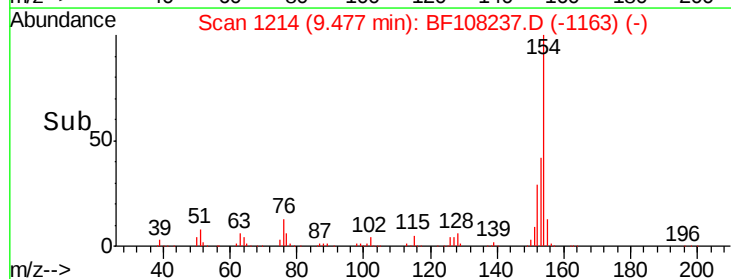
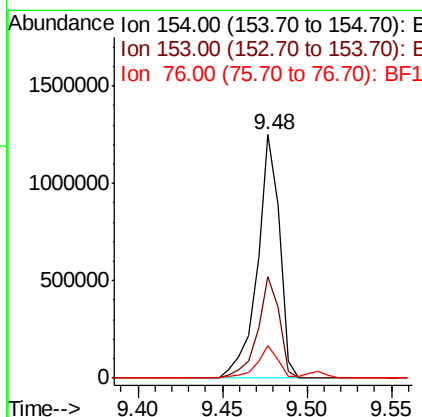
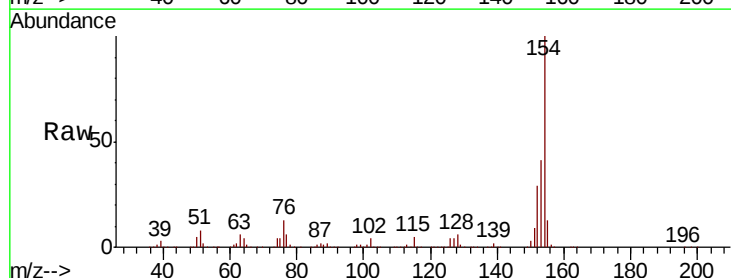
Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.7	44.5
170	25.3	19.6	29.4

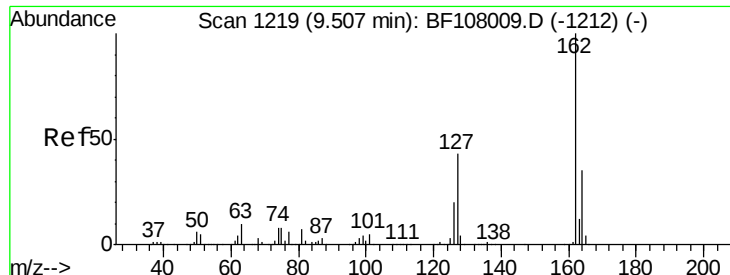


#45
 1,1'-Biphenyl
 Concen: 44.803 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion:154 Resp: 1139596

Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	13.4	0.0	34.0

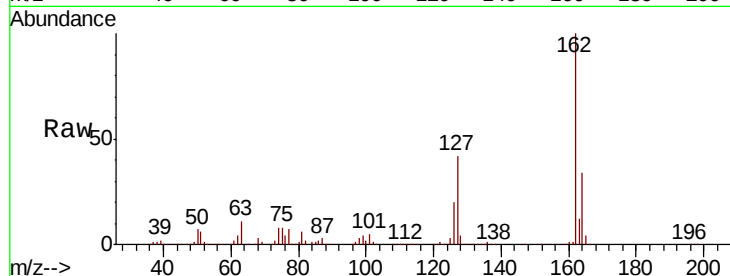




#46
 2-Chloronaphthalene
 Concen: 44.156 ng
 RT: 9.51 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	33.8	26.5	39.7

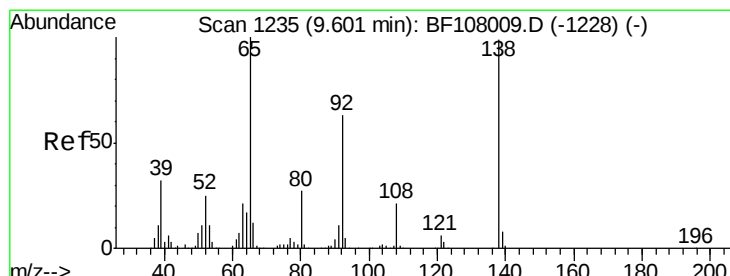
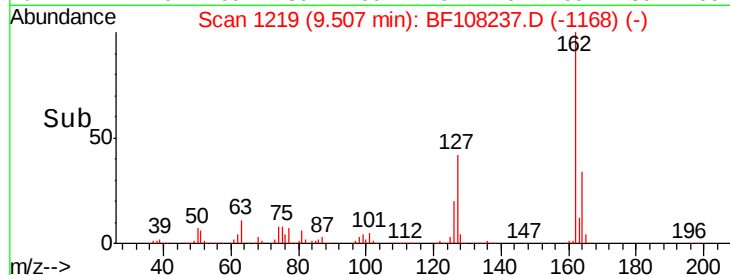
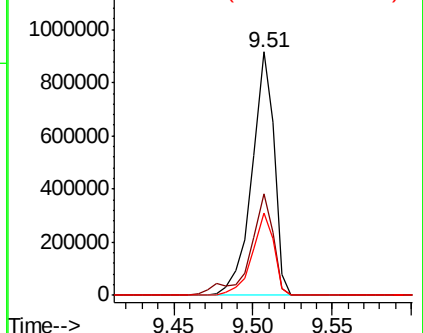


Abundance

Ion 162.00 (161.70 to 162.70): E

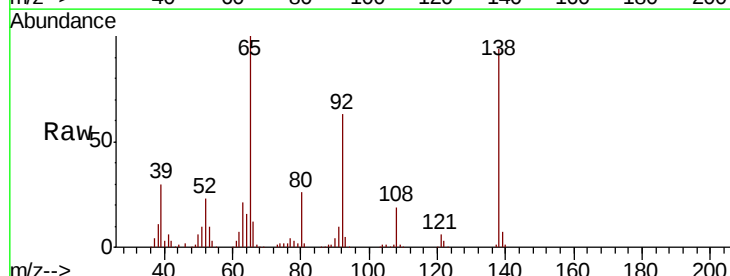
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47
 2-Nitroaniline
 Concen: 46.235 ng
 RT: 9.60 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	55.8	83.6
138	93.6	91.2	136.8

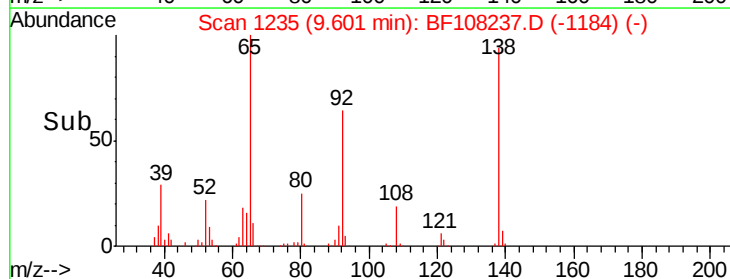
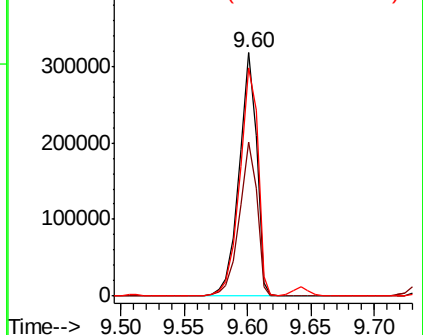


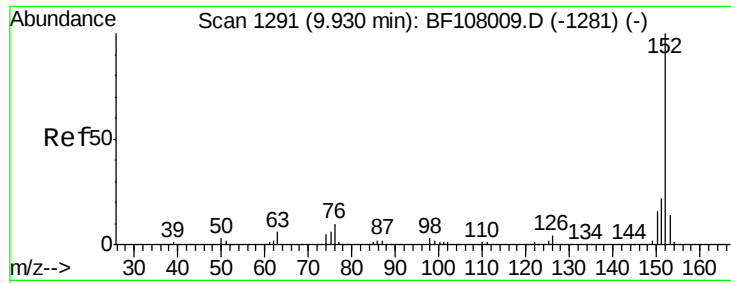
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

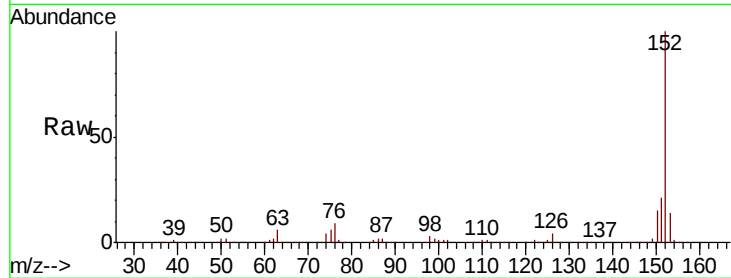




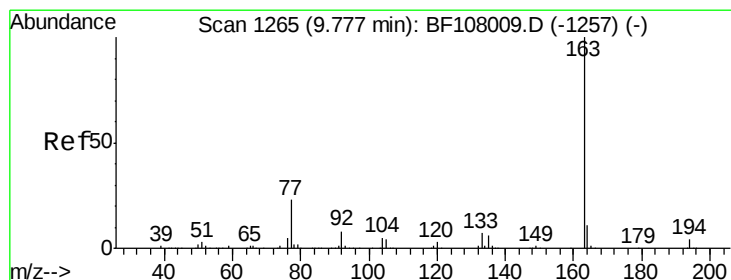
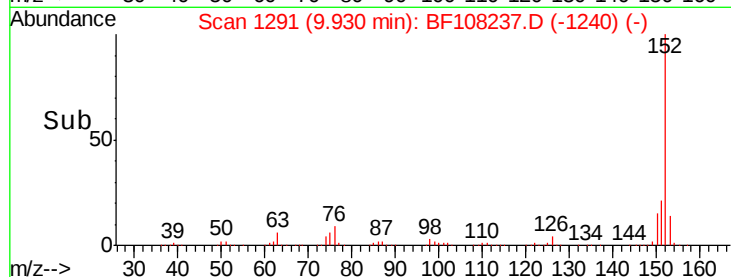
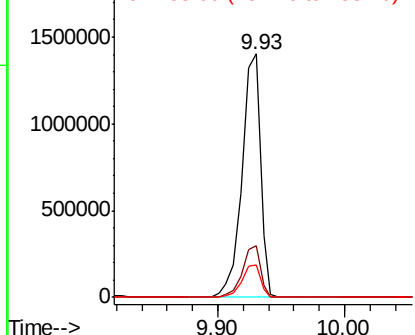
#48
Acenaphthylene
Concen: 44.384 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1410604
Ion Ratio Lower Upper
152 100
151 21.1 16.3 24.5
153 13.5 10.7 16.1

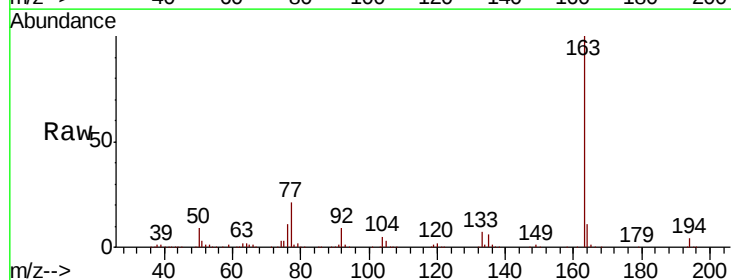


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

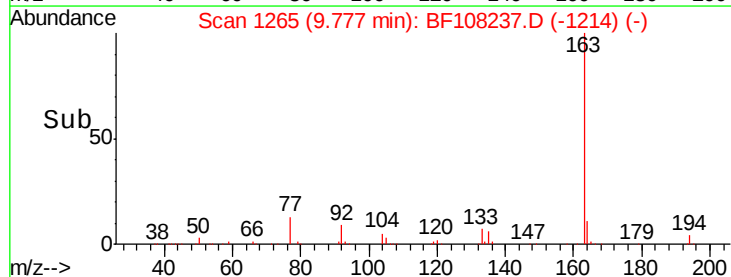
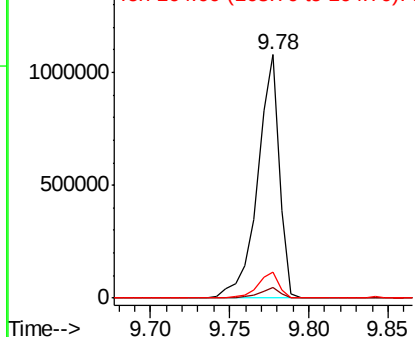


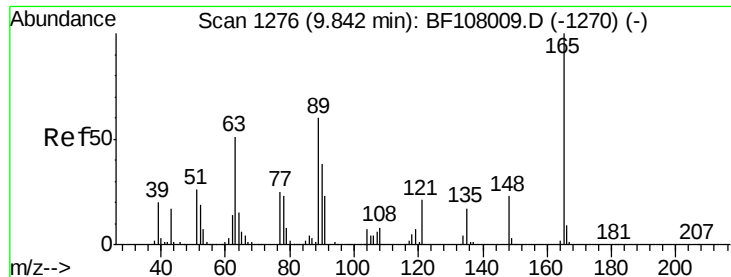
#49
Dimethylphthalate
Concen: 42.977 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:163 Resp: 1032783
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.7 8.2 12.2



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

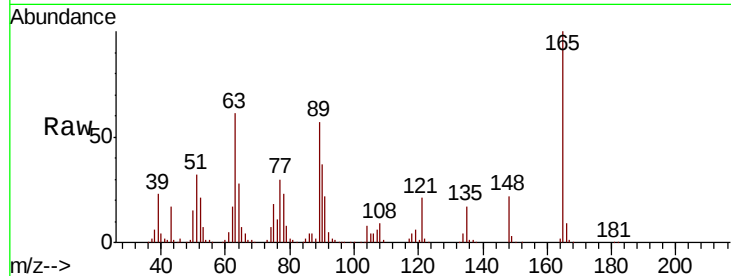




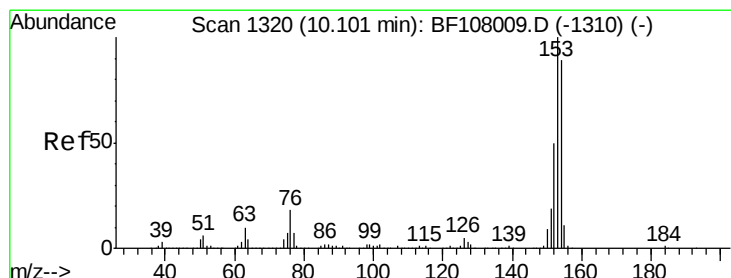
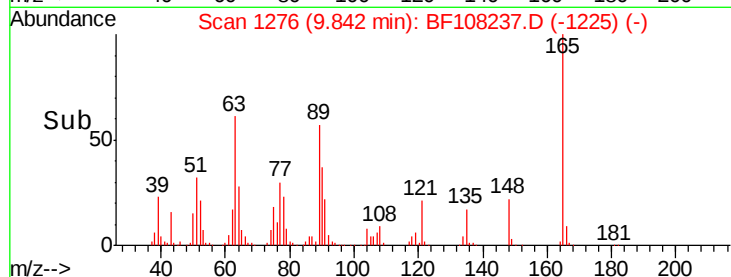
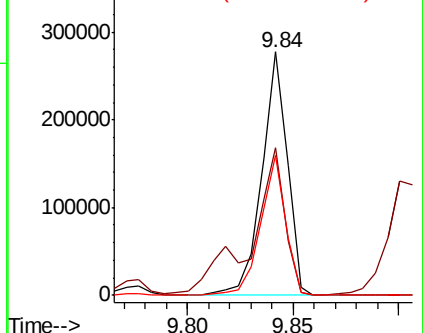
#50
 2,6-Dinitrotoluene
 Concen: 46.267 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	44.7	67.1
89	57.3	44.0	66.0

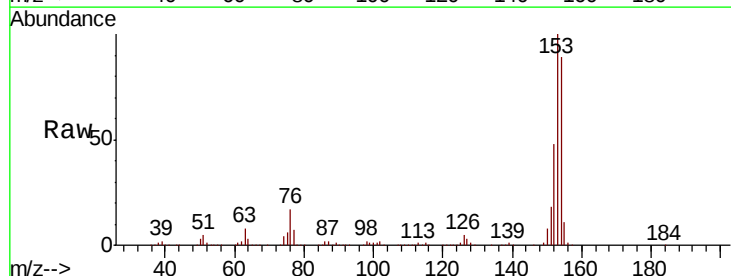


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

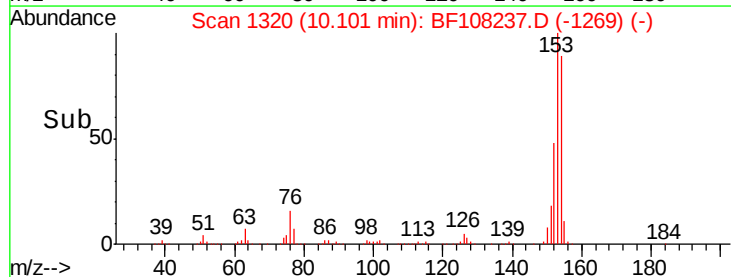
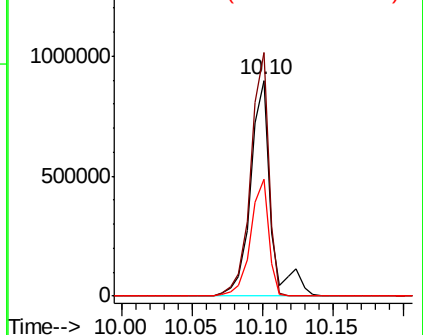


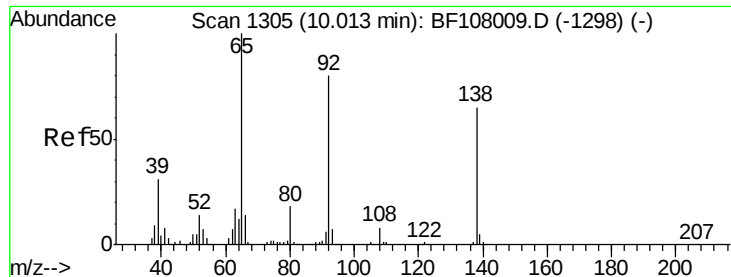
#51
 Acenaphthene
 Concen: 46.784 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	54.5	43.8	65.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

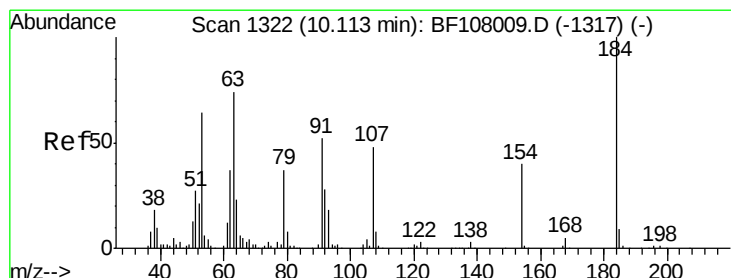
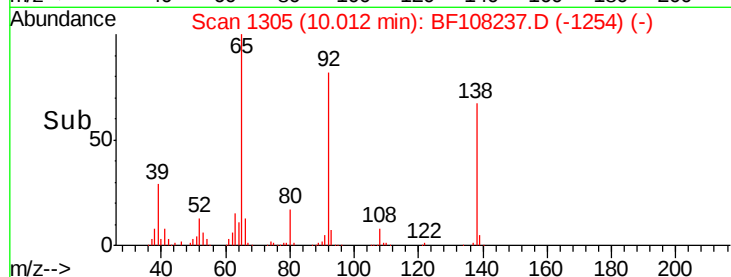
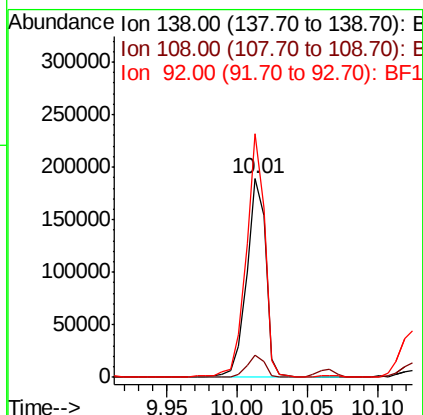
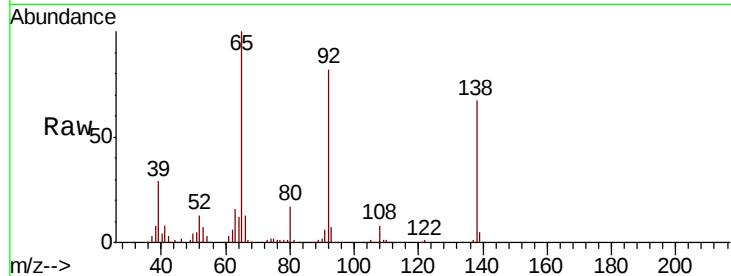




#52
 3-Nitroaniline
 Concen: 32.631 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

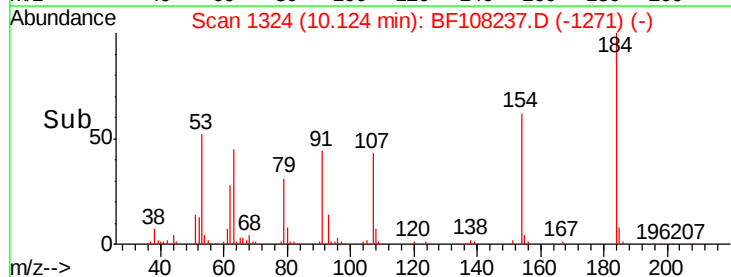
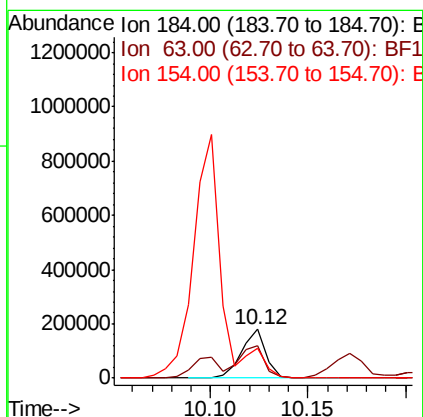
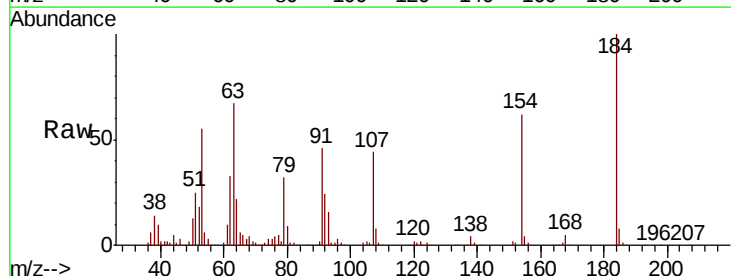
Instrument :
 BNA_F
 ClientSampleId :

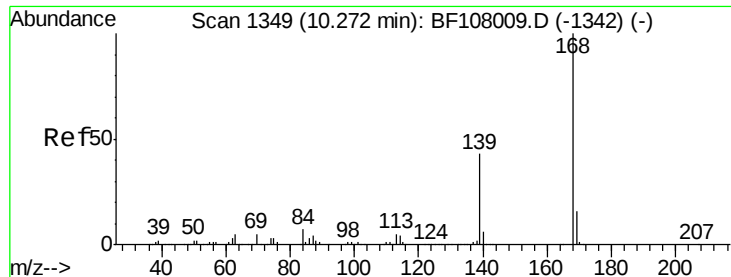
Tot Ion:138 Resp: 179505
 Ion Ratio Lower Upper
 138 100
 108 11.5 9.4 14.0
 92 122.7 89.4 134.2



#53
 2,4-Dinitrophenol
 Concen: 83.277 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion:184 Resp: 157287
 Ion Ratio Lower Upper
 184 100
 63 67.2 54.2 81.2
 154 62.4 184.0 276.0#

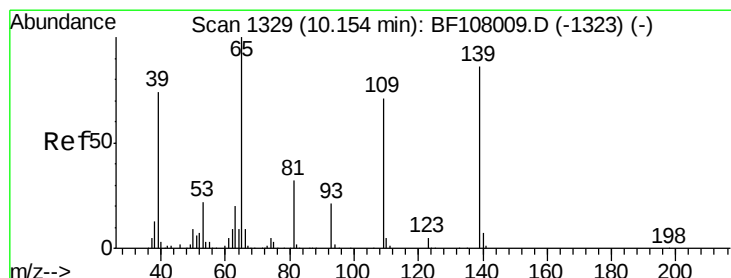
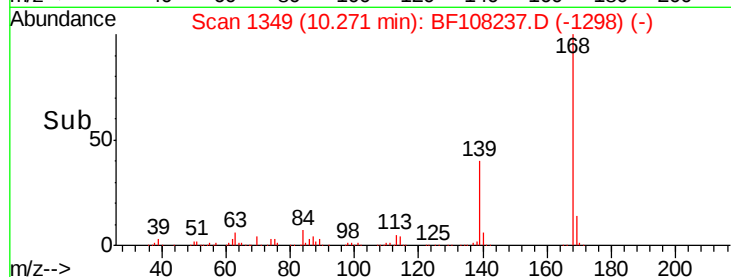
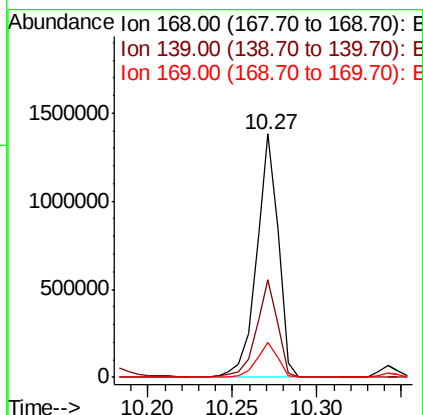
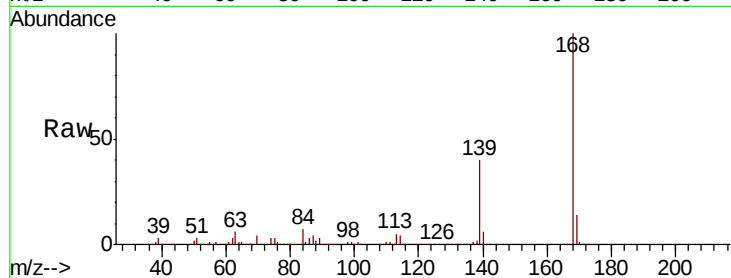




#54
Dibenzofuran
Concen: 43.730 ng
RT: 10.27 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

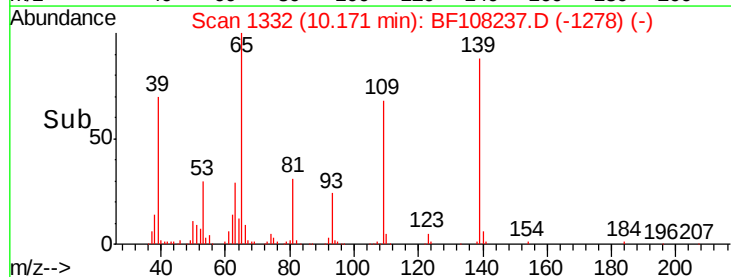
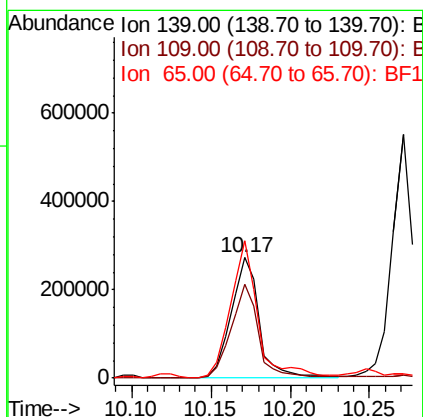
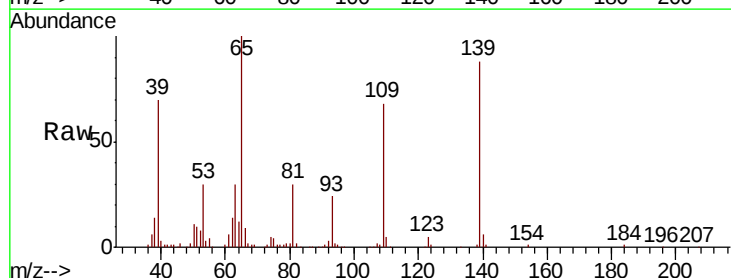
Instrument :
BNA_F
ClientSampleId :

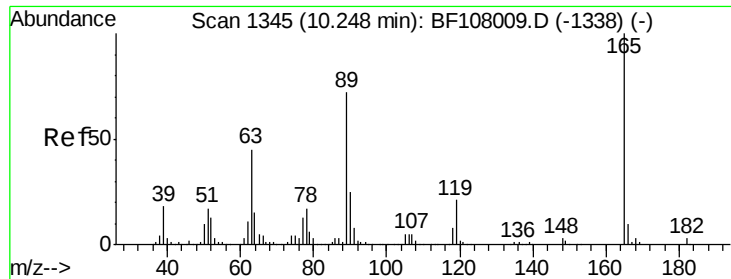
Tot Ion:168 Resp: 1233292
Ion Ratio Lower Upper
168 100
139 39.9 30.1 45.1
169 14.5 10.9 16.3



#55
4-Nitrophenol
Concen: 80.204 ng
RT: 10.17 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:139 Resp: 334100
Ion Ratio Lower Upper
139 100
109 77.5 48.4 88.4
65 113.8 72.6 112.6#

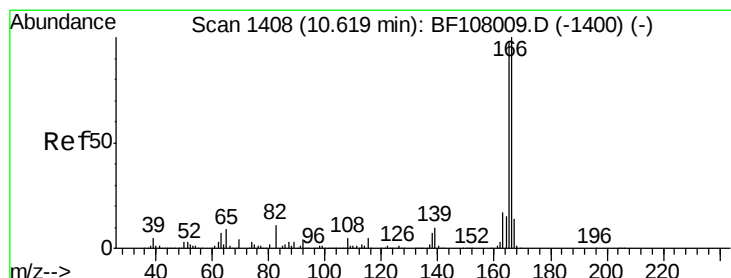
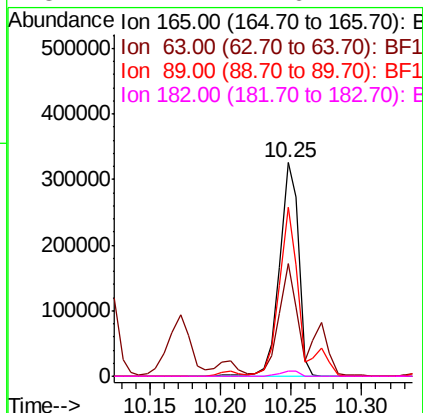
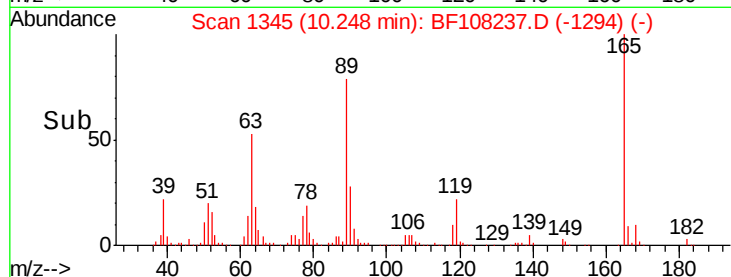
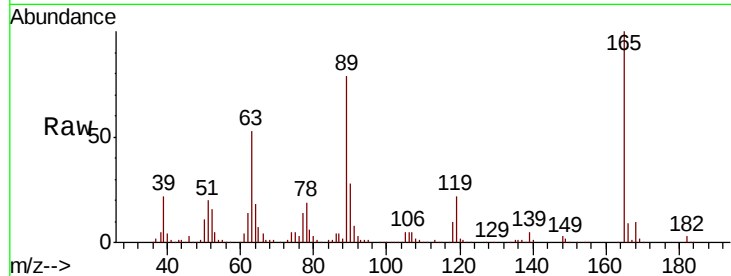




#56
2,4-Dinitrotoluene
Concen: 47.215 ng
RT: 10.25 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

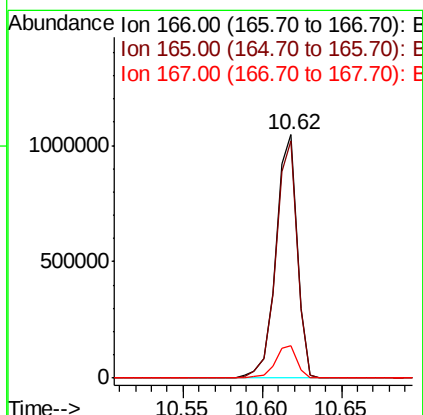
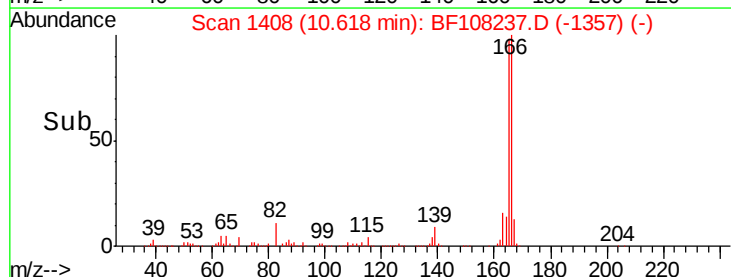
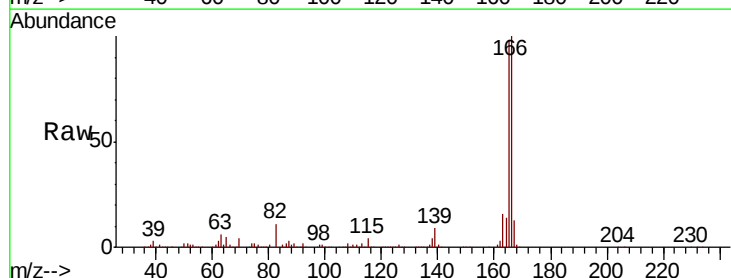
Instrument :
BNA_F
ClientSampled :

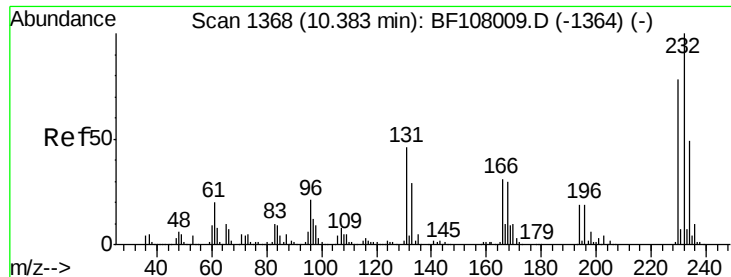
Tot Ion:165	Resp:	305559
Ion Ratio	Lower	Upper
165	100	
63	52.7	36.4 54.6
89	79.0	57.8 86.6
182	2.7	1.6 2.4#



#57
Fluorene
Concen: 43.919 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:166	Resp:	980506
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.8 119.8
167	13.1	10.6 16.0

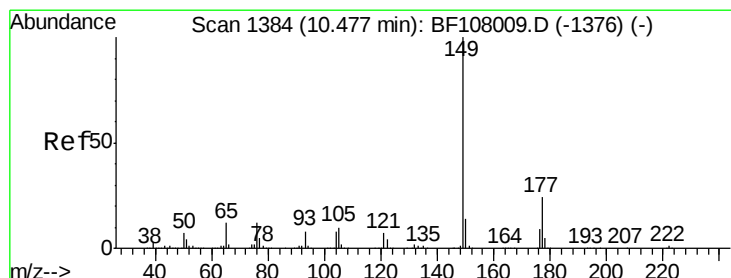
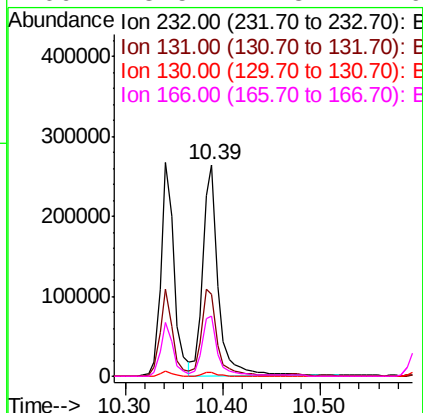
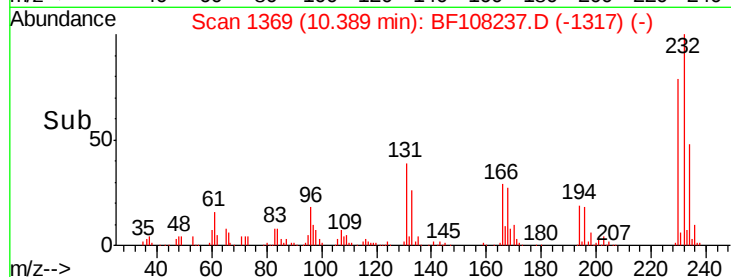
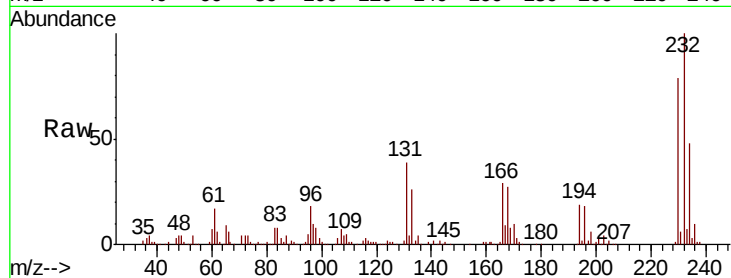




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.781 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

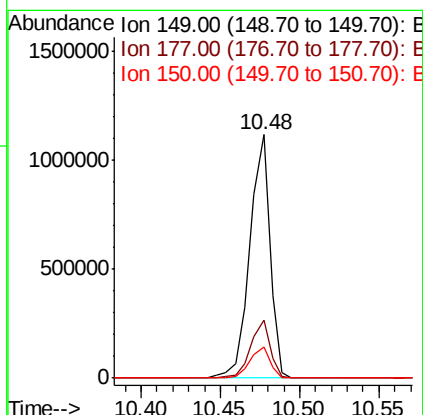
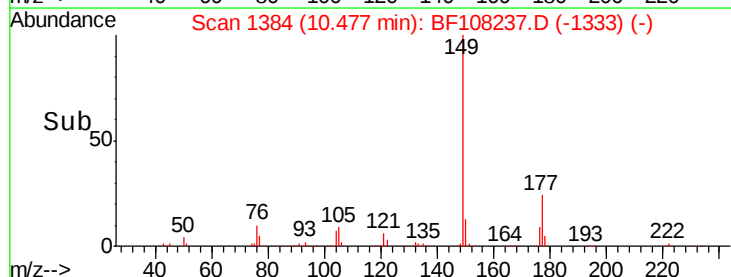
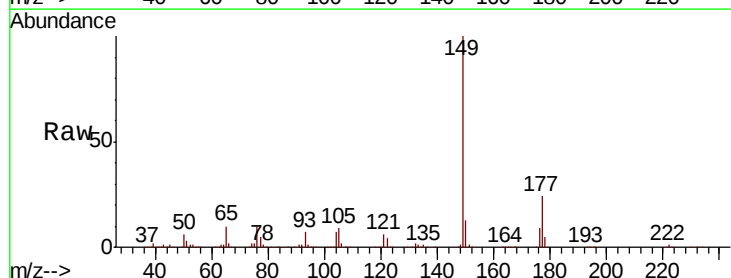
Instrument :
 BNA_F
 ClientSampleId :

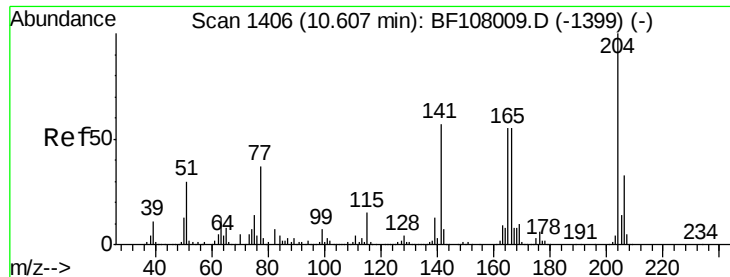
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.9	43.8	65.8#
130	1.9	2.1	3.1#
166	28.5	27.8	41.6



#59
 Diethylphthalate
 Concen: 42.413 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	16.1	24.1
150	12.9	10.1	15.1

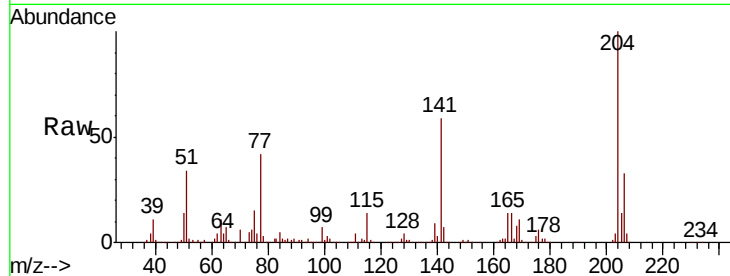




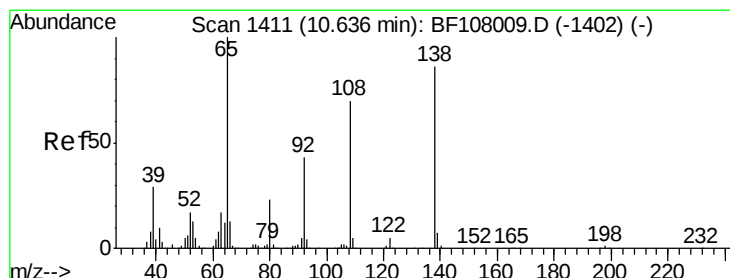
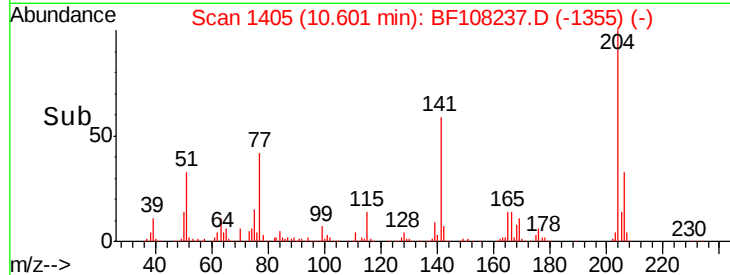
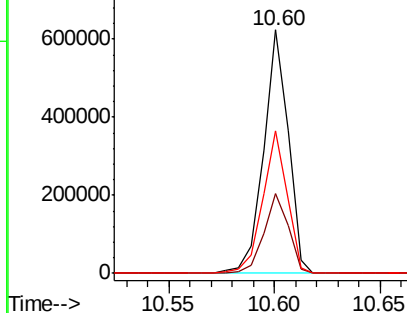
#60
 4-Chlorophenyl-phenylether
 Concen: 43.390 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	58.8	54.6	81.8

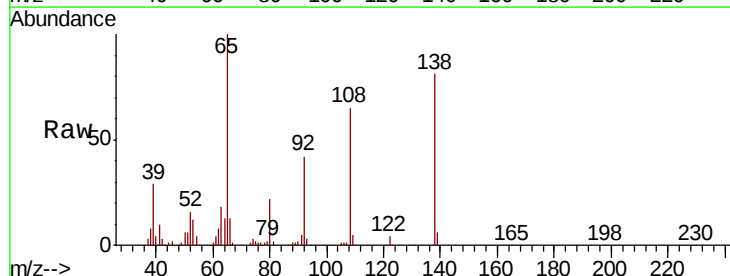


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

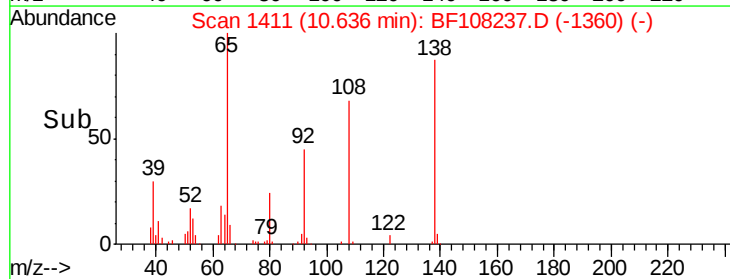
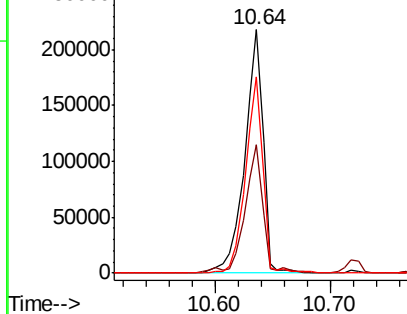


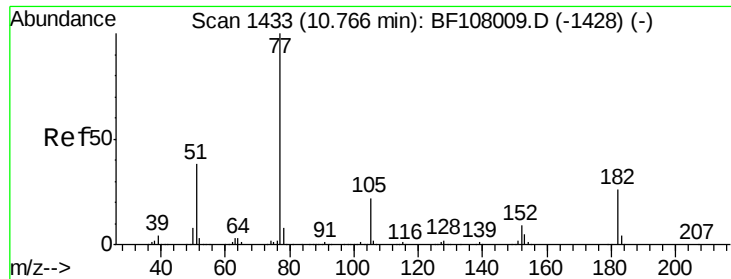
#61
 4-Nitroaniline
 Concen: 44.097 ng
 RT: 10.64 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	30.2	70.2
108	80.7	52.5	92.5



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: 42.823 ng

RT: 10.77 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

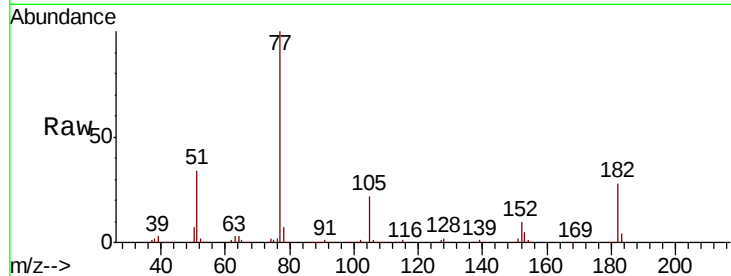
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1029107

Ion	Ratio	Lower	Upper
77	100		
182	27.9	1.7	41.7
105	22.1	3.0	43.0
51	33.7	9.9	49.9

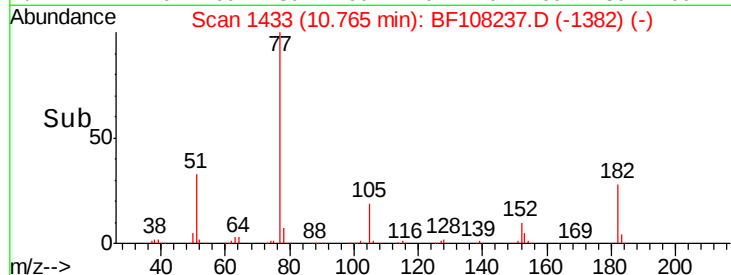


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

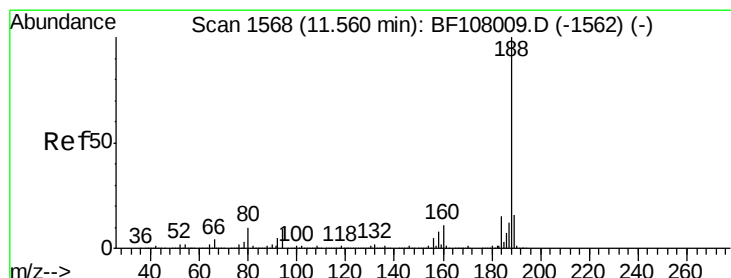
10.77

1000000

500000

0

10.70 10.75 10.80 10.85



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.56 min Scan# 1568

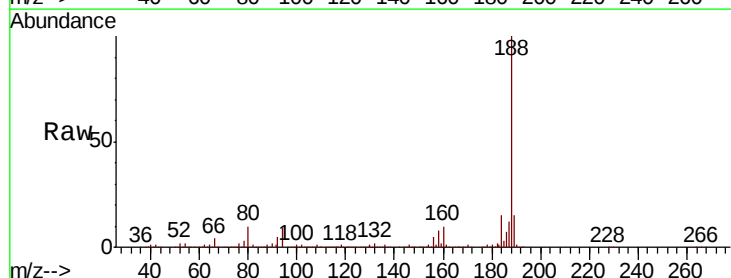
Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Tgt Ion: 188 Resp: 666939

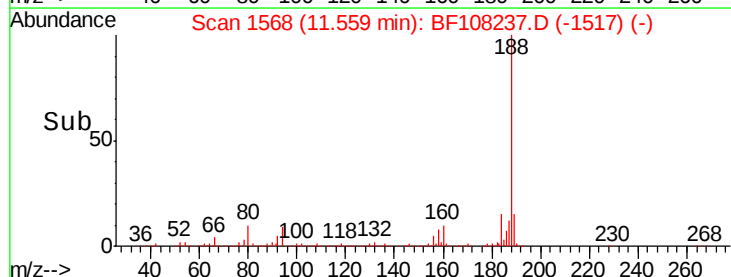
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	10.3	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.56

1000000

800000

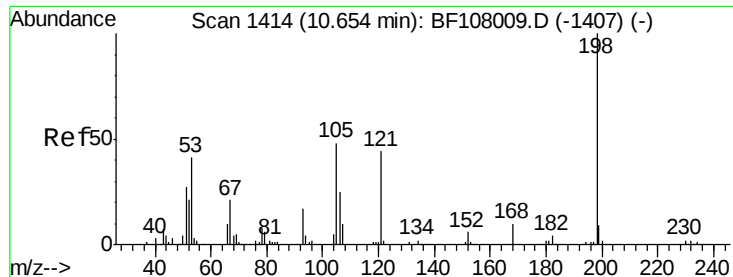
600000

400000

200000

0

11.50 11.55 11.60



#64

4,6-Dinitro-2-methylphenol

Concen: 44.625 ng

RT: 10.66 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

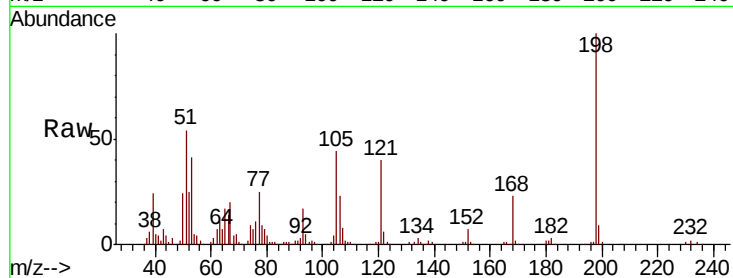
Tot Ion:198 Resp: 110675

Ion Ratio Lower Upper

198 100

51 54.0 37.7 77.7

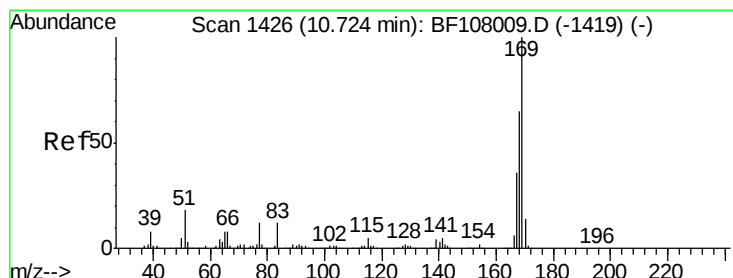
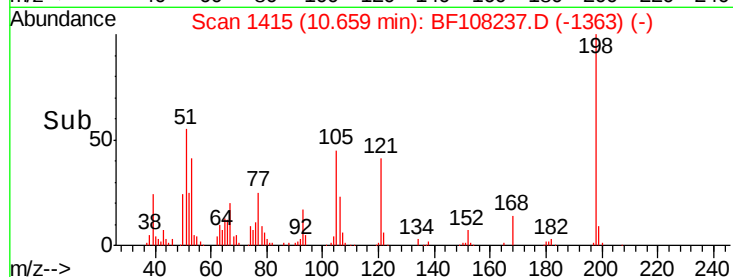
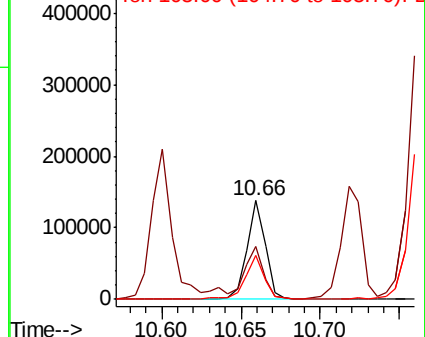
105 43.9 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 44.501 ng

RT: 10.72 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

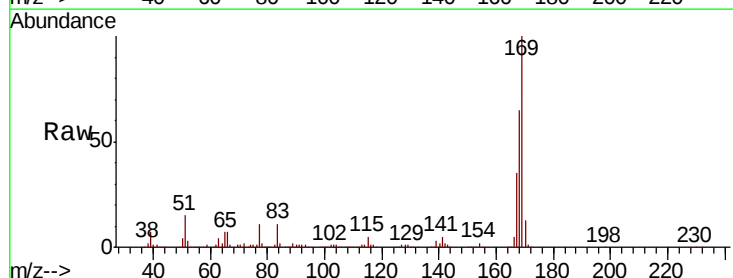
Tgt Ion:169 Resp: 877059

Ion Ratio Lower Upper

169 100

168 64.9 54.4 81.6

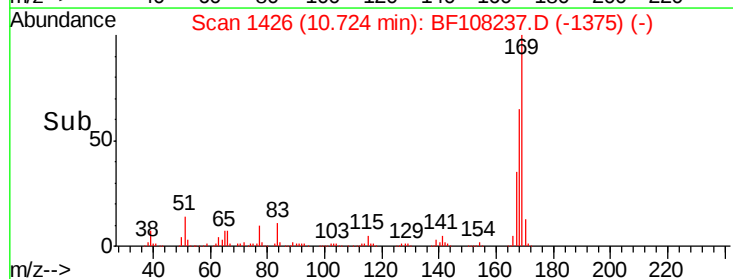
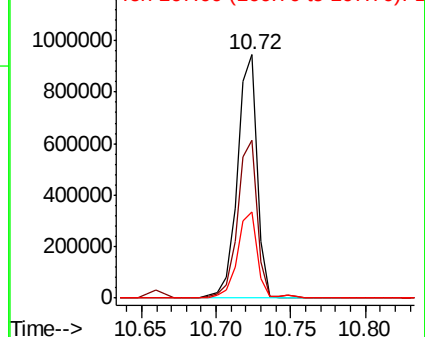
167 35.2 29.8 44.6

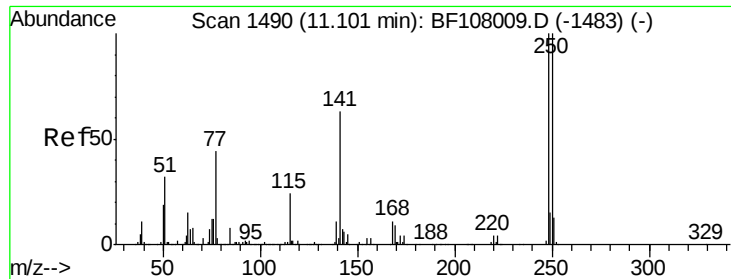


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

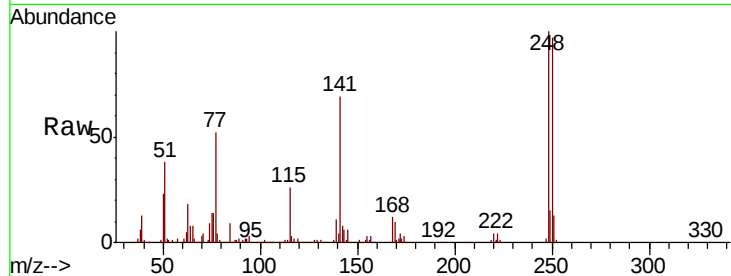




#66
4-Bromophenyl-phenylether
Concen: 45.236 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	76.9	115.3
141	69.0	74.4	111.6#

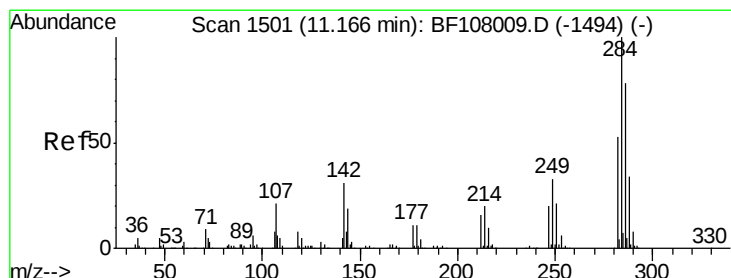
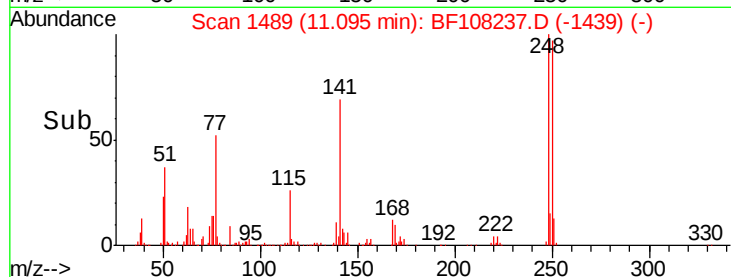
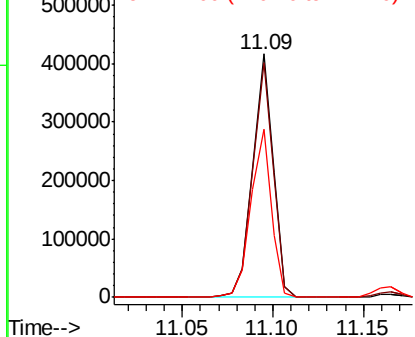


Abundance

Ion 248.00 (247.70 to 248.70): E

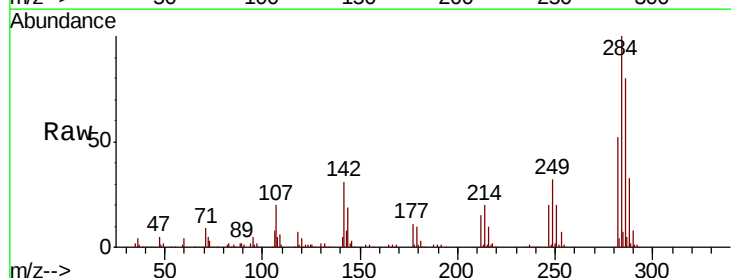
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67
Hexachlorobenzene
Concen: 44.738 ng
RT: 11.17 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	34.6	52.0#
249	31.7	24.8	37.2

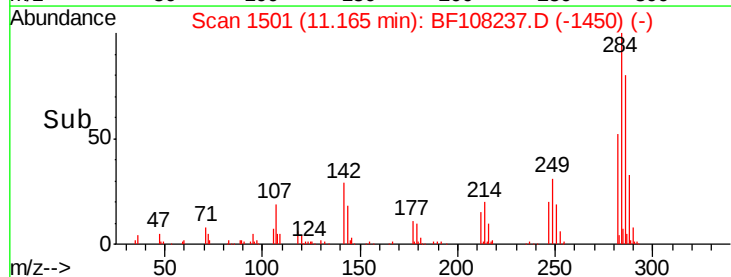
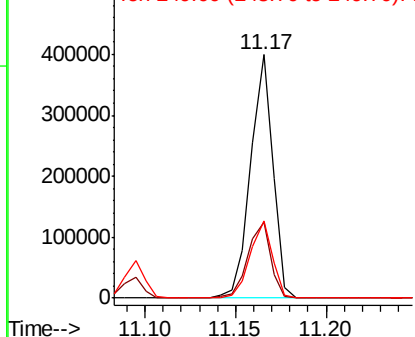


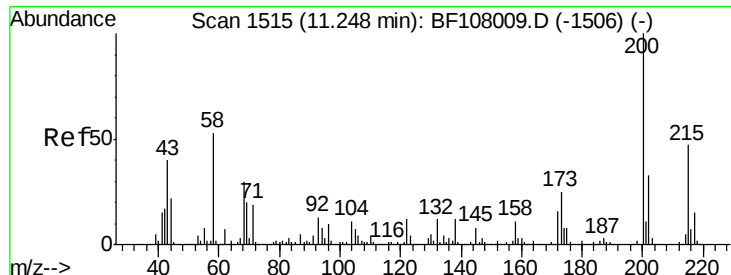
Abundance

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

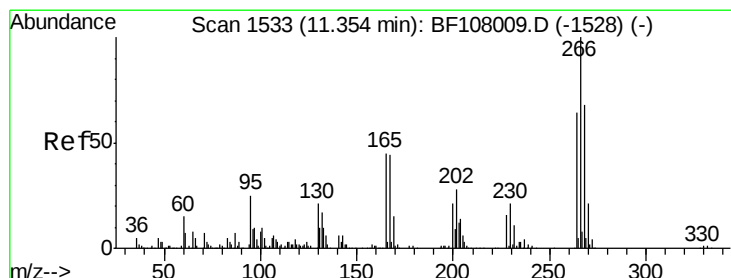
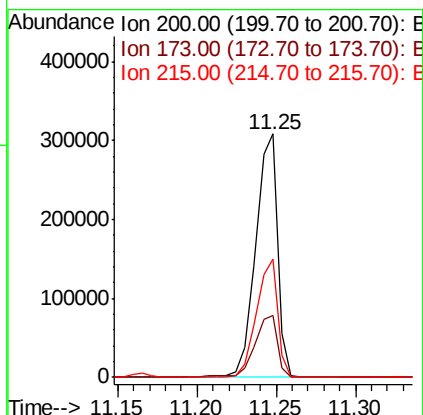
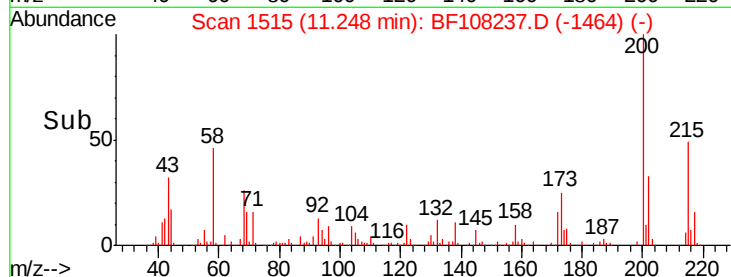
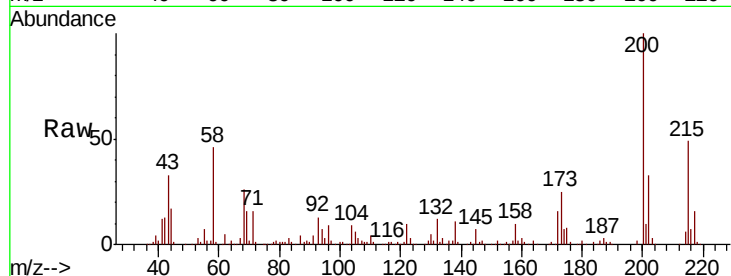




#68
 Atrazine
 Concen: 44.842 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

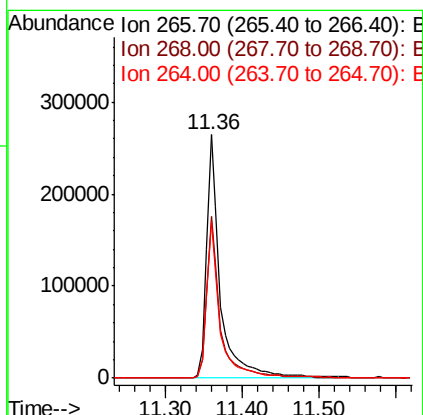
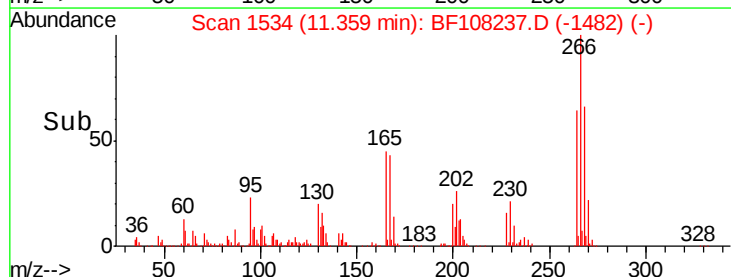
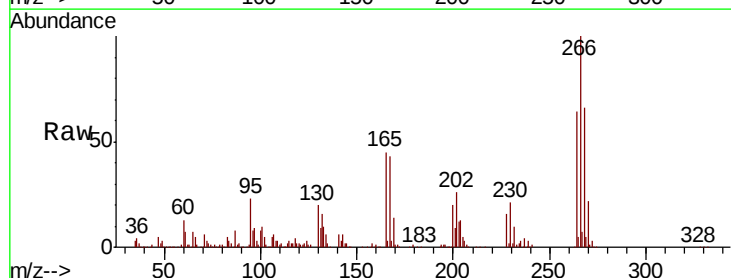
Instrument :
 BNA_F
 ClientSampleId :

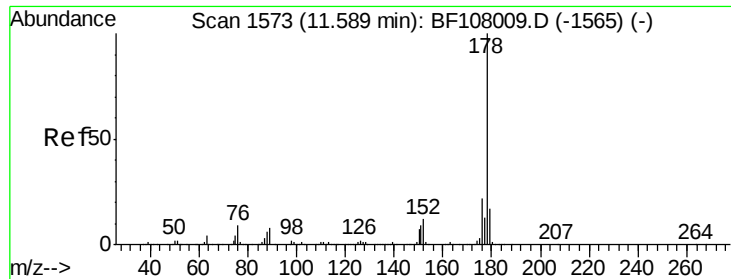
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	8.6	48.6
215	48.7	25.1	65.1



#69
 Pentachlorophenol
 Concen: 90.639 ng
 RT: 11.36 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: BF108237.D
 Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	51.1	76.7
264	64.1	49.5	74.3

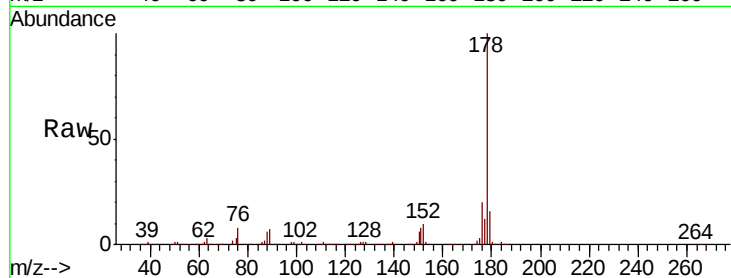




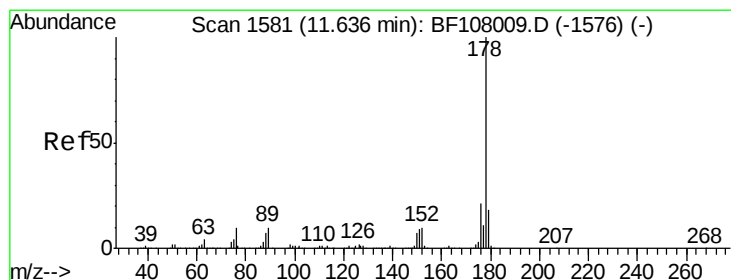
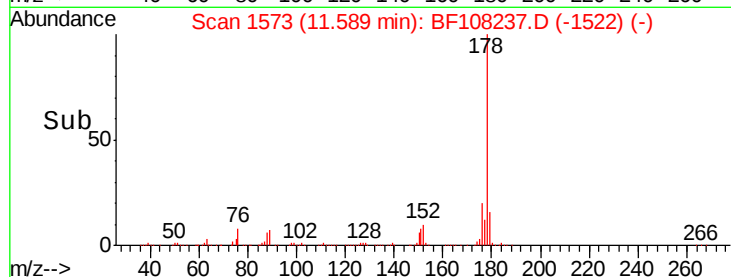
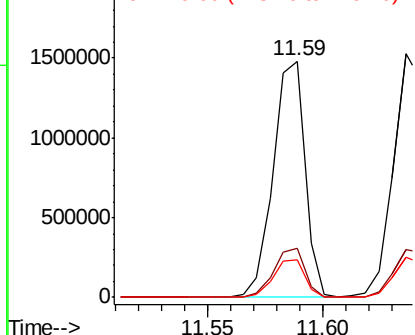
#70
Phenanthrene
Concen: 45.021 ng
RT: 11.59 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1416241
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.8
179 16.0 13.0 19.6

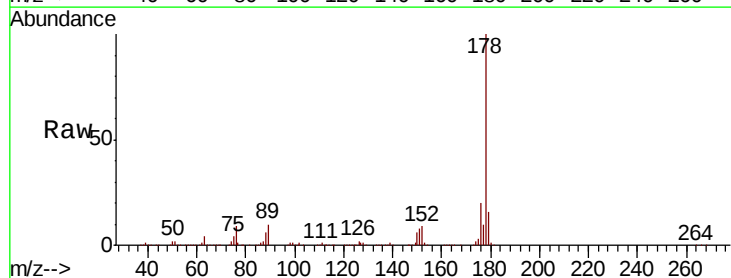


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

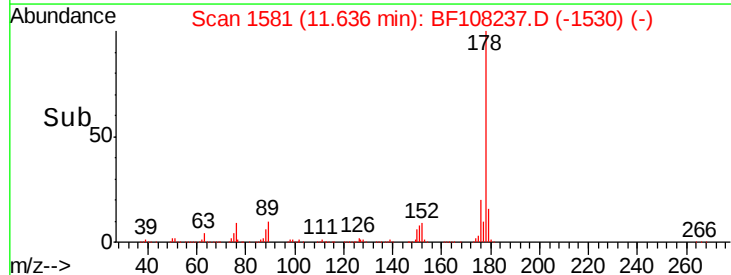
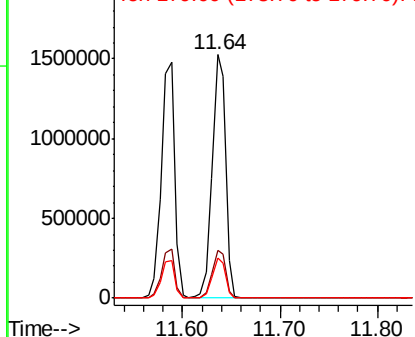


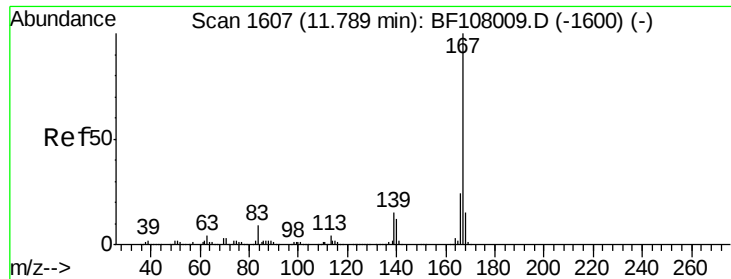
#71
Anthracene
Concen: 45.082 ng
RT: 11.64 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:178 Resp: 1453491
Ion Ratio Lower Upper
178 100
176 19.9 15.4 23.2
179 16.4 12.6 19.0



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





#72

Carbazole

Concen: 45.145 ng

RT: 11.79 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

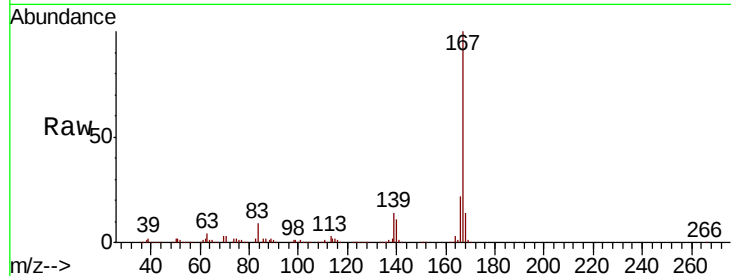
Tot Ion:167 Resp: 1293212

Ion Ratio Lower Upper

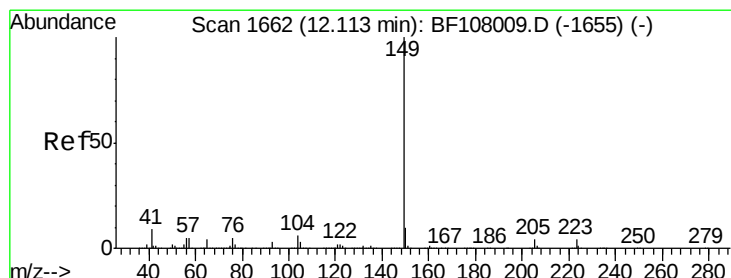
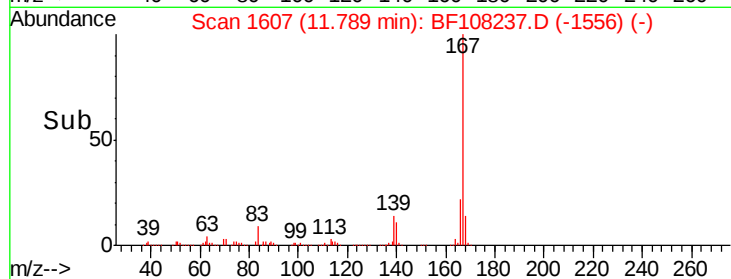
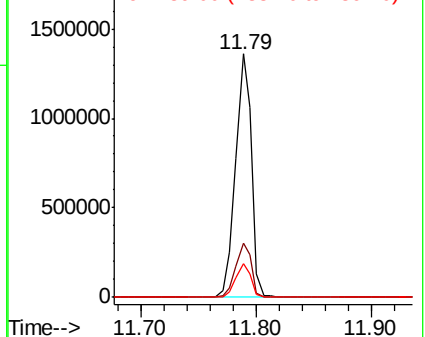
167 100

166 22.4 17.6 26.4

139 13.6 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.423 ng

RT: 12.11 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

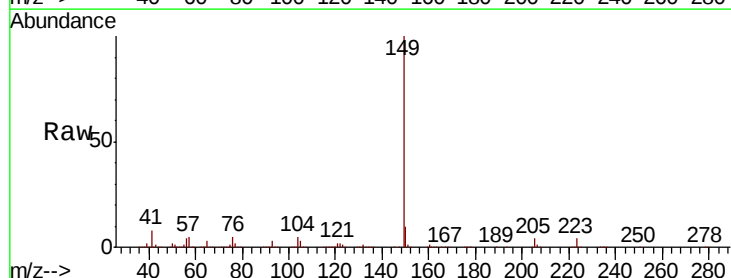
Tgt Ion:149 Resp: 1506249

Ion Ratio Lower Upper

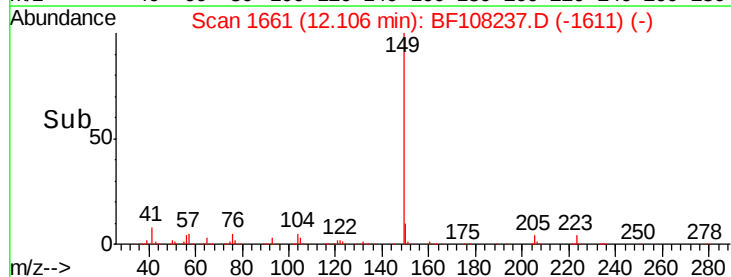
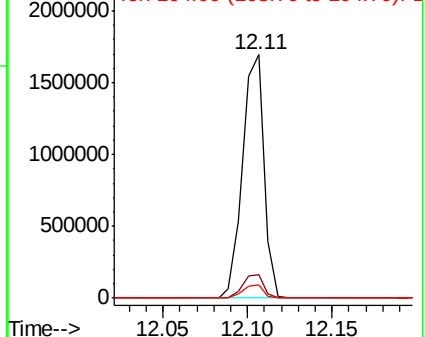
149 100

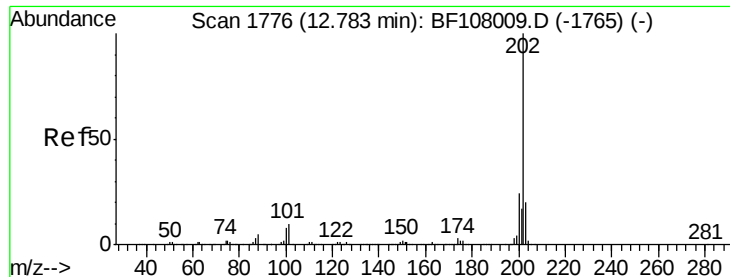
150 9.7 7.8 11.6

104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 44.935 ng

RT: 12.78 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

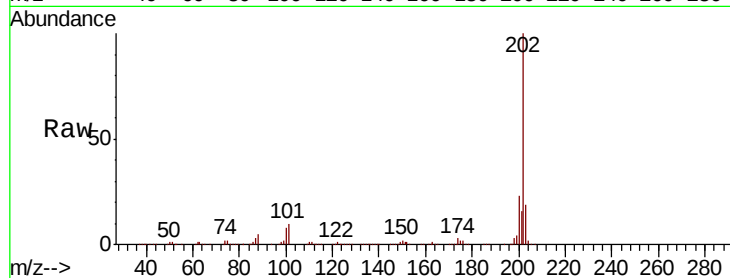
Tot Ion:202 Resp: 1542687

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.1

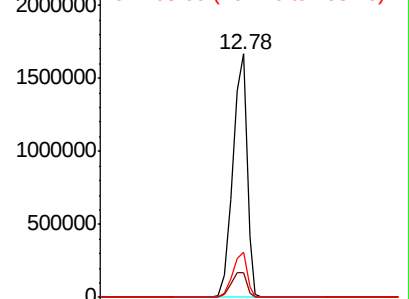
203 18.7 0.0 38.1



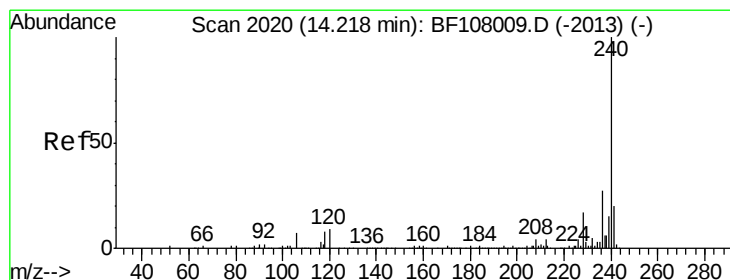
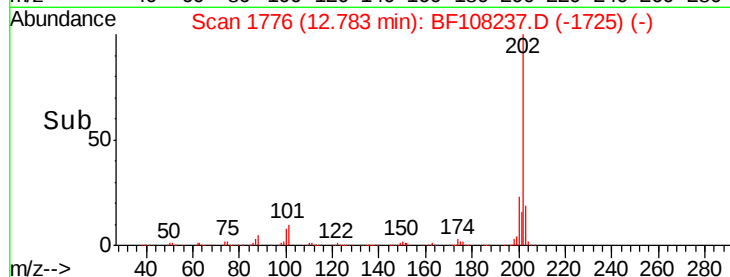
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

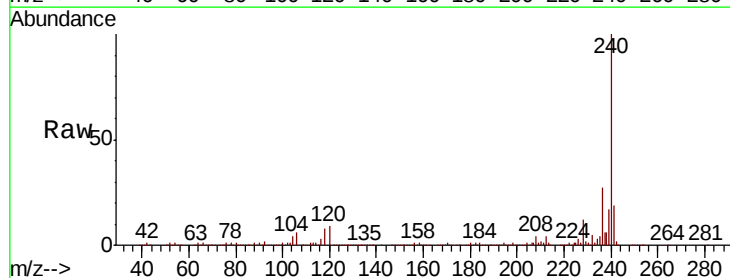
Tgt Ion:240 Resp: 532275

Ion Ratio Lower Upper

240 100

120 9.0 9.5 14.3#

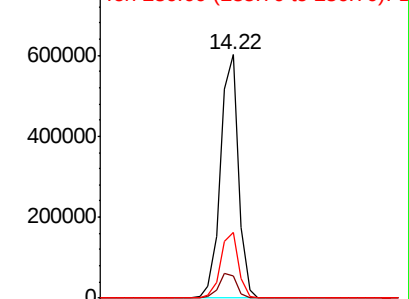
236 26.9 20.7 31.1



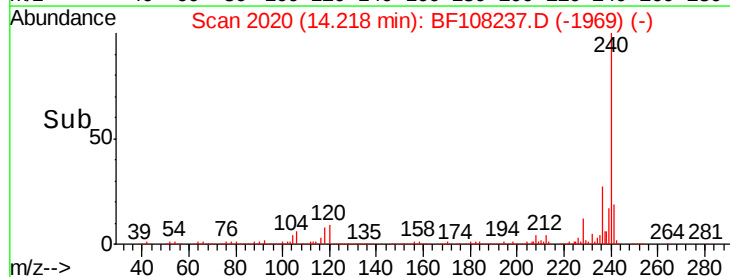
Abundance Ion 240.00 (239.70 to 240.70): E

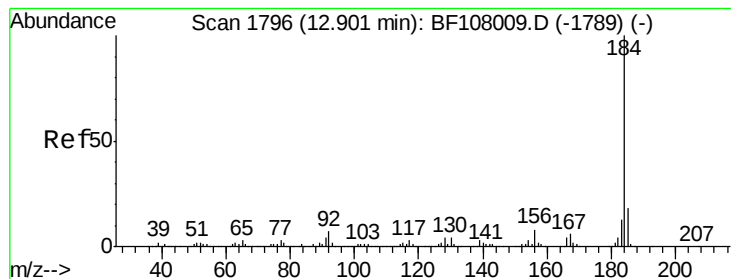
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 32.280 ng

RT: 12.89 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

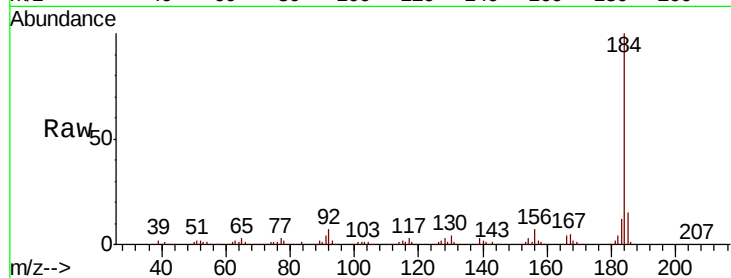
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 641962

Ion	Ratio	Lower	Upper
184	100		
185	15.3	12.6	18.8
183	11.9	9.3	13.9

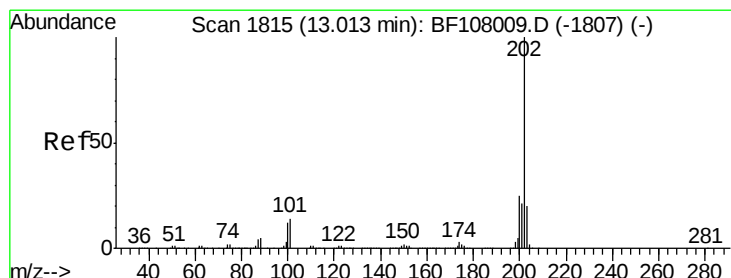
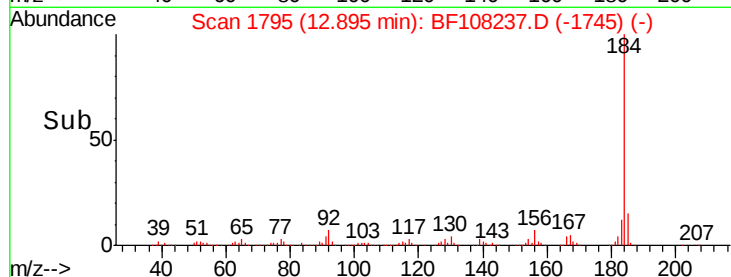
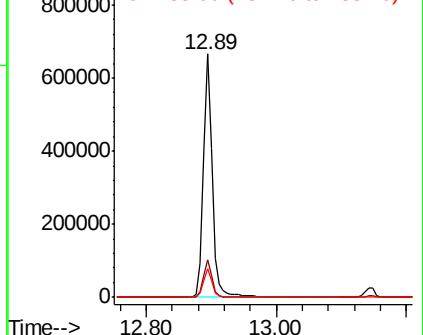


Abundance

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: 46.007 ng

RT: 13.01 min Scan# 1815

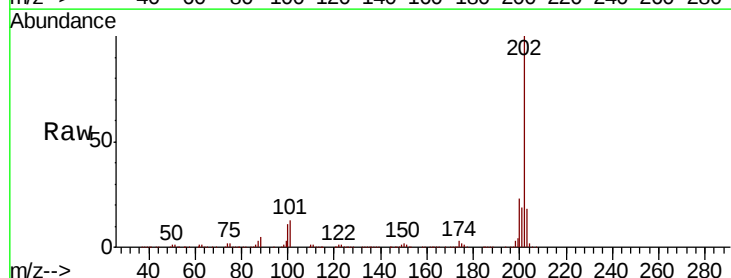
Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Tgt Ion:202 Resp: 1550379

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.4	14.3	21.5

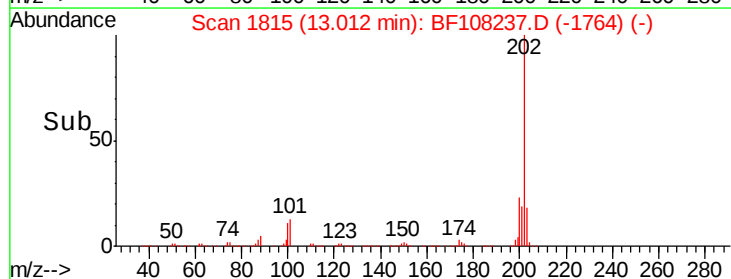
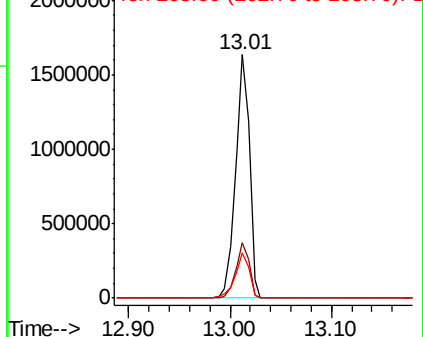


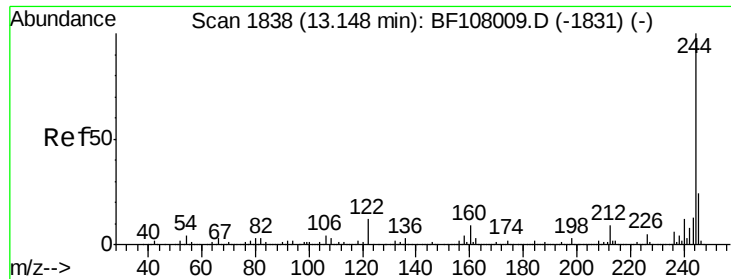
Abundance

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: 94.294 ng

RT: 13.15 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampled :

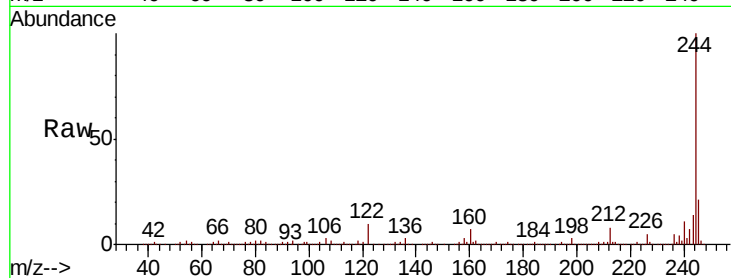
Tot Ion:244 Resp: 1974004

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

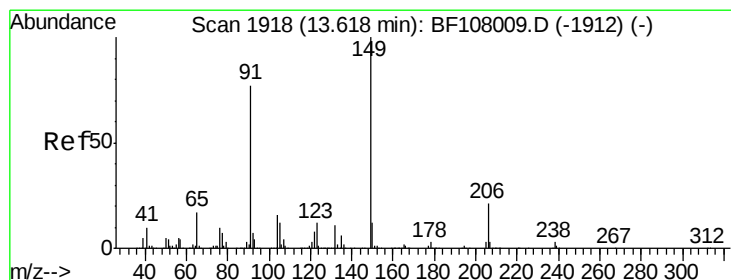
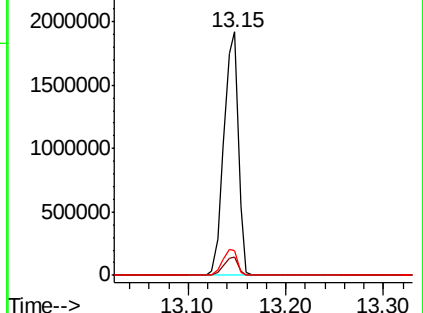
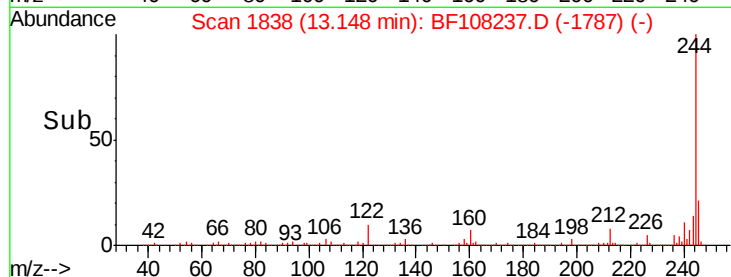
122 10.0 11.0 16.4#



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: 48.449 ng

RT: 13.61 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

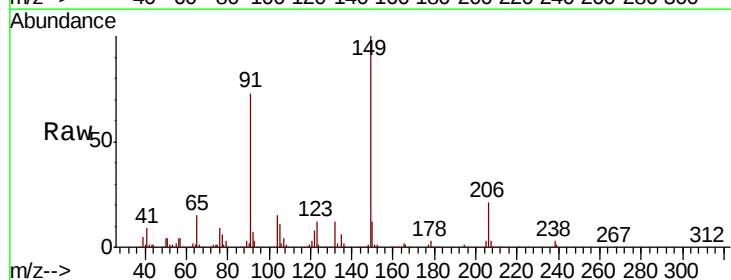
Tgt Ion:149 Resp: 648298

Ion Ratio Lower Upper

149 100

91 73.0 56.8 85.2

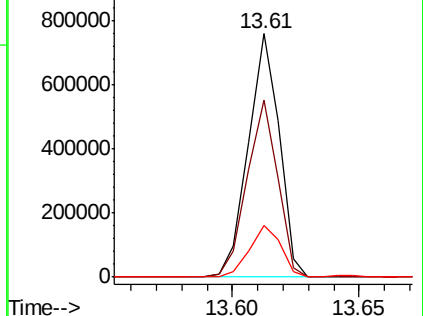
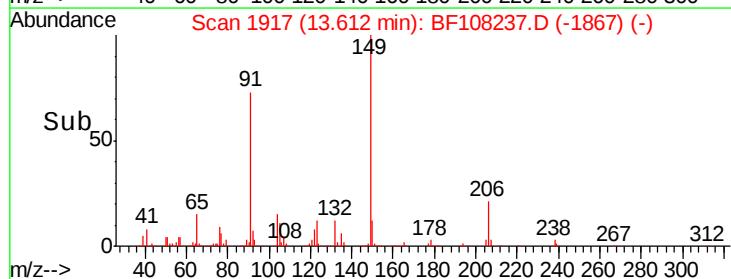
206 21.2 14.1 21.1#

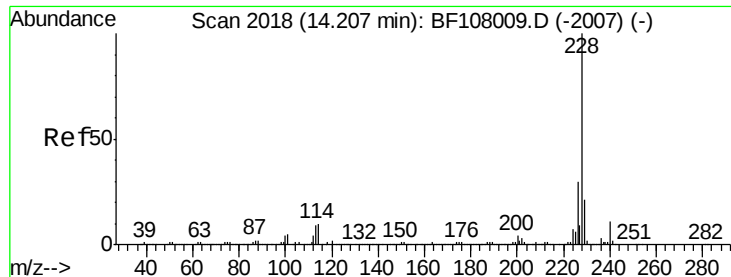


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

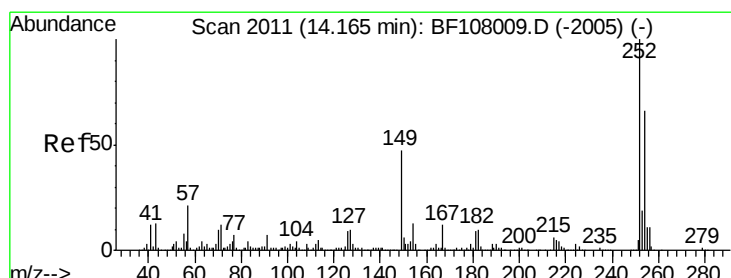
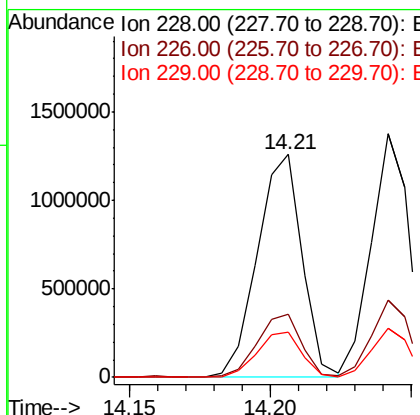
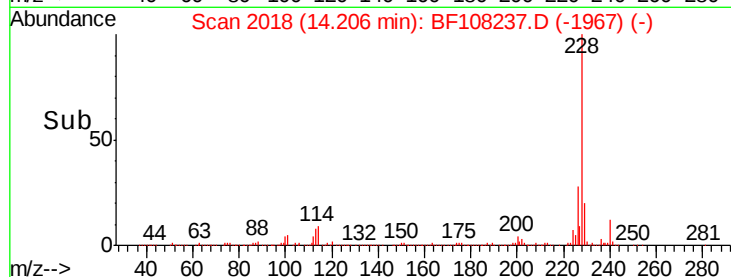
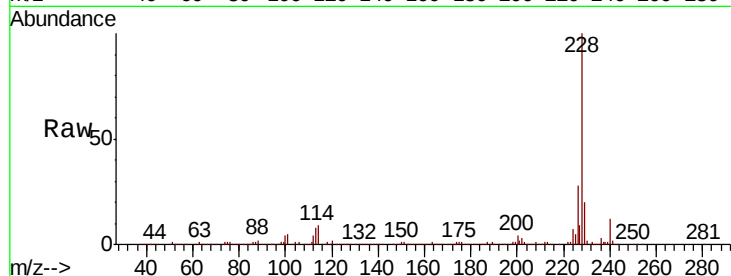




#80
Benzo(a)anthracene
Concen: 45.022 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

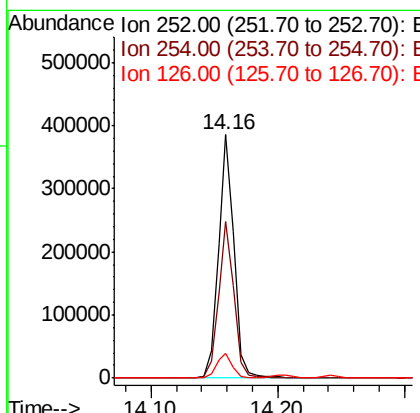
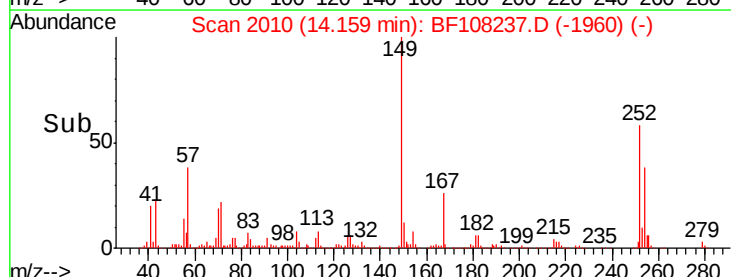
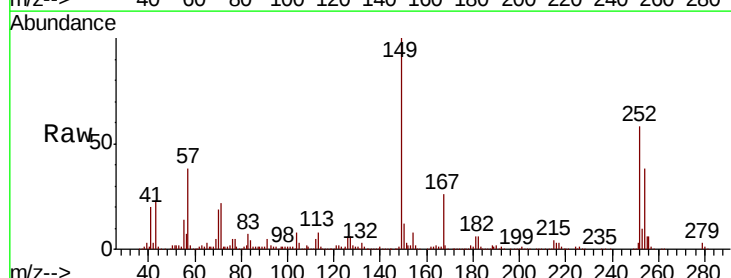
Instrument :
BNA_F
ClientSampleId :

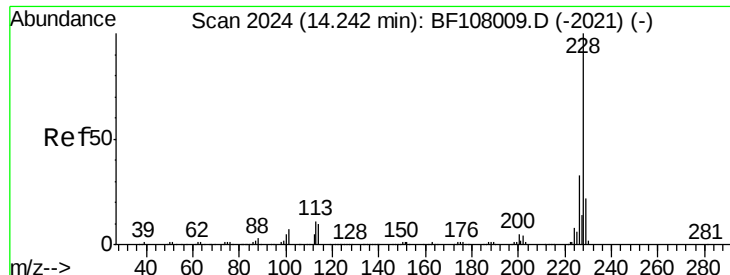
Tot Ion:228 Resp: 1375305
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 20.4 15.8 23.6



#81
3,3'-Dichlorobenzidine
Concen: 30.376 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:252 Resp: 332531
Ion Ratio Lower Upper
252 100
254 64.5 50.4 75.6
126 10.2 11.3 16.9#

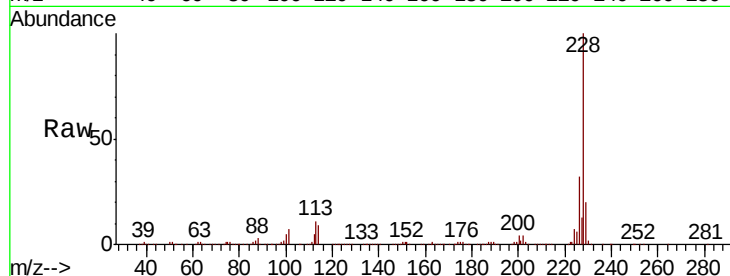




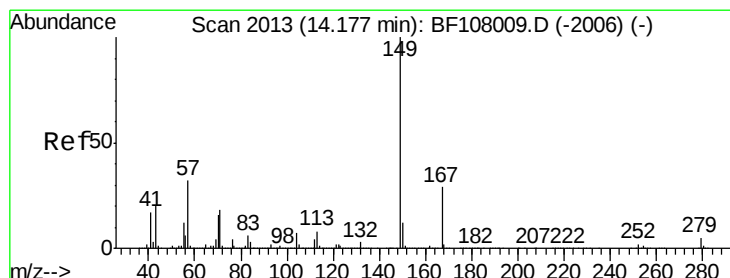
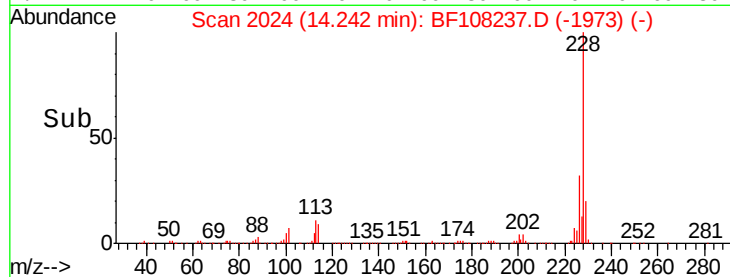
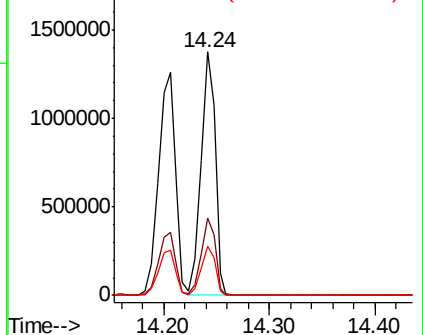
#82
Chrysene
Concen: 45.053 ng
RT: 14.24 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 1261733
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.6
229 20.4 16.2 24.4

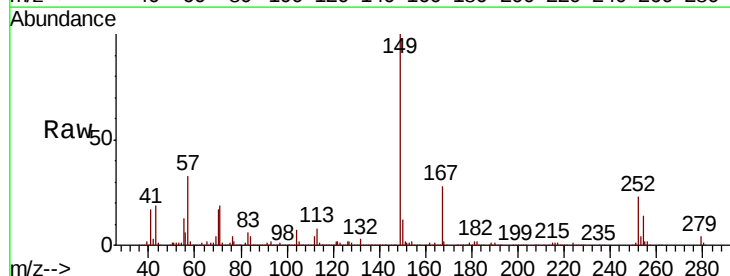


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

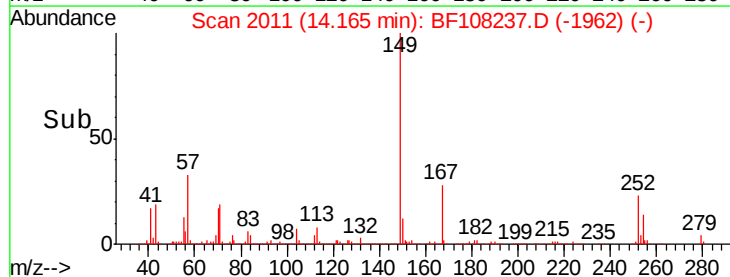
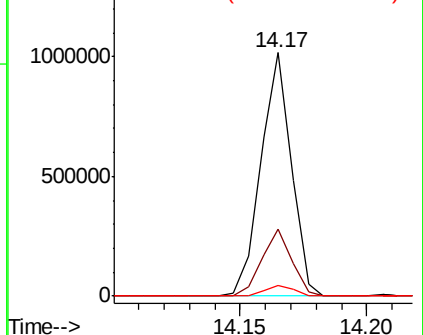


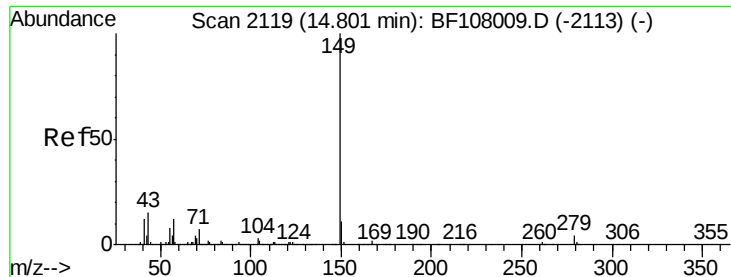
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.730 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:149 Resp: 846768
Ion Ratio Lower Upper
149 100
167 27.7 21.3 31.9
279 4.3 3.0 4.4



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: 48.075 ng

RT: 14.79 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

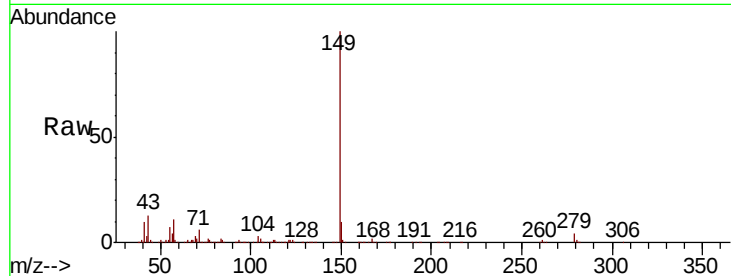
Tot Ion:149 Resp: 1328579

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

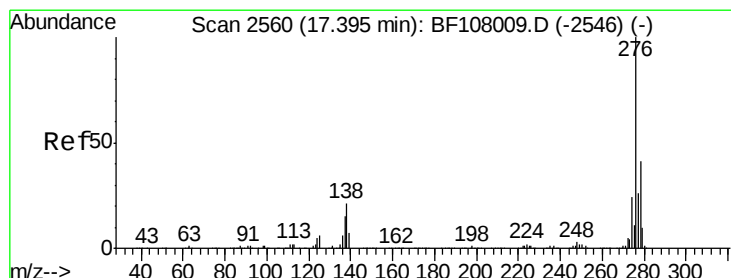
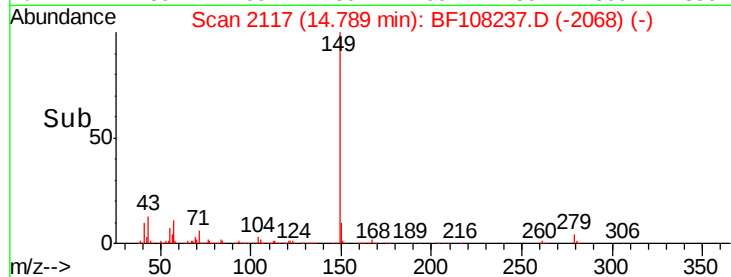
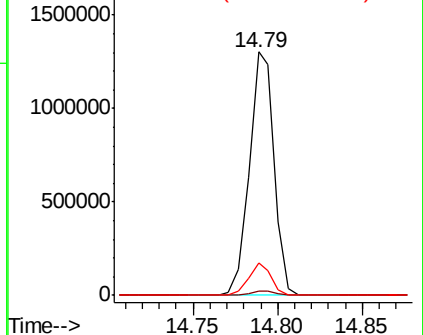
43 12.2 8.4 12.6



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: 37.828 ng

RT: 17.40 min Scan# 2561

Delta R.T. 0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

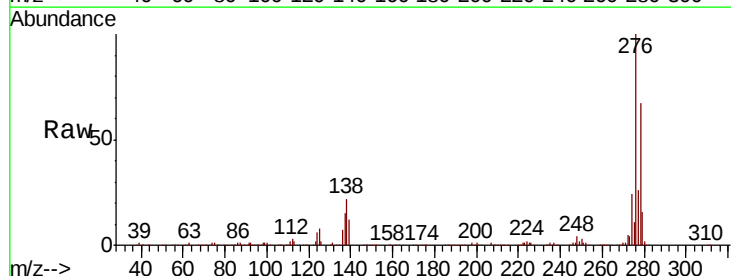
Tgt Ion:276 Resp: 917927

Ion Ratio Lower Upper

276 100

138 22.7 25.0 37.6#

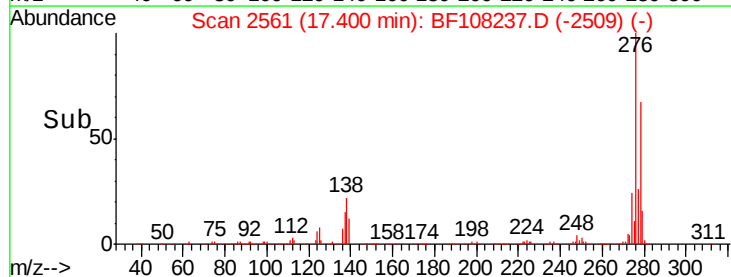
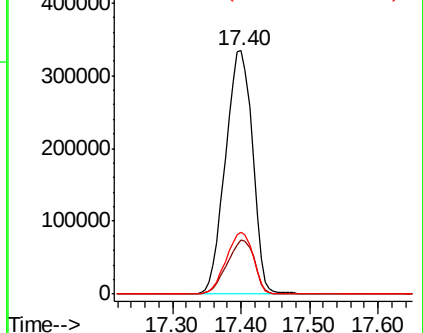
277 25.4 20.1 30.1

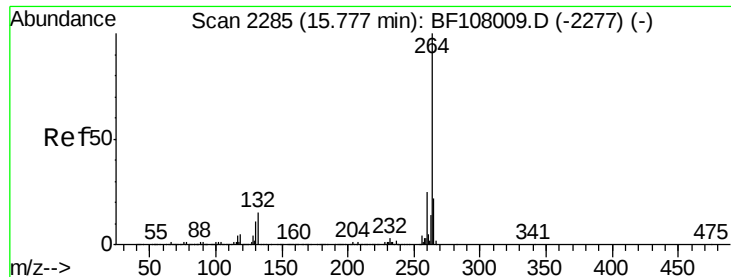


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

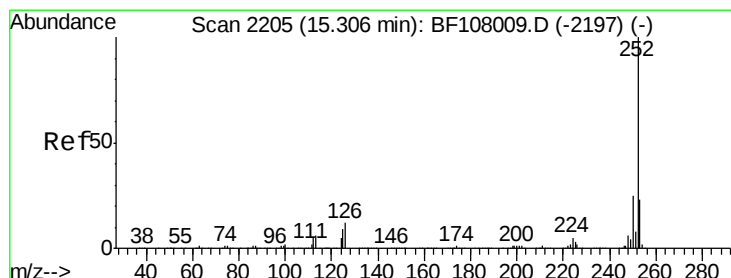
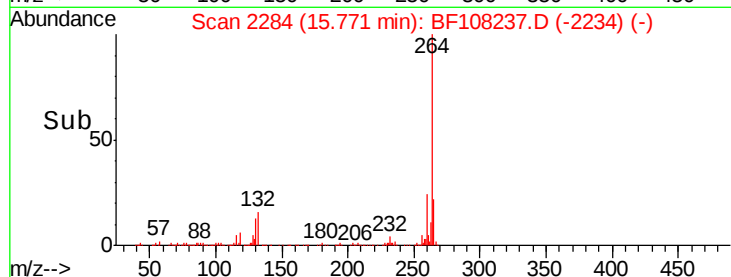
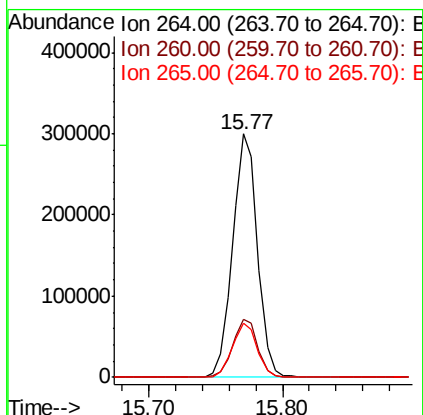
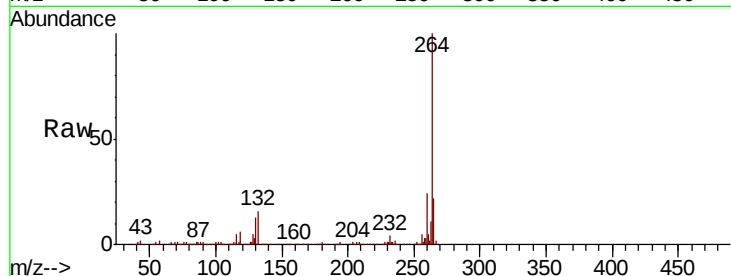




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.77 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

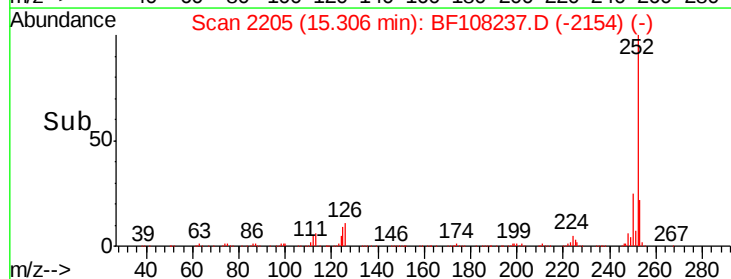
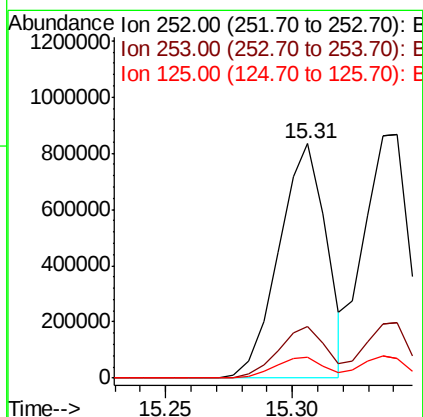
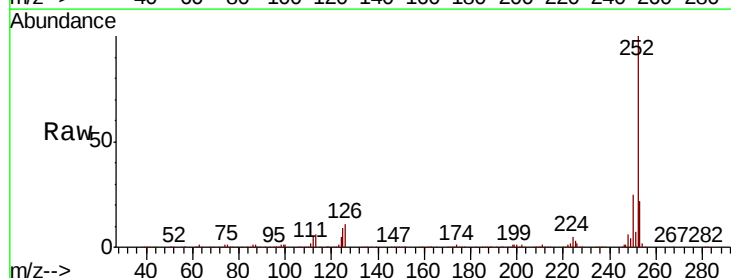
Instrument :
BNA_F
ClientSampleId :

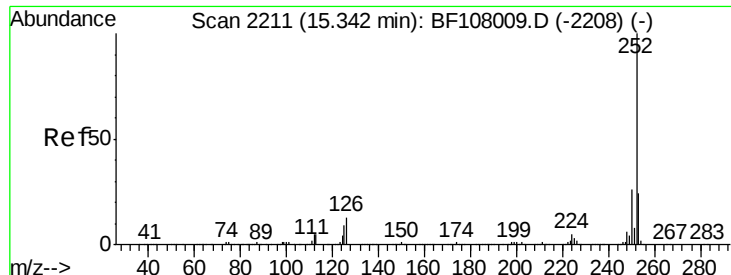
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.4	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 46.937 ng
RT: 15.31 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	8.8	9.0	13.6

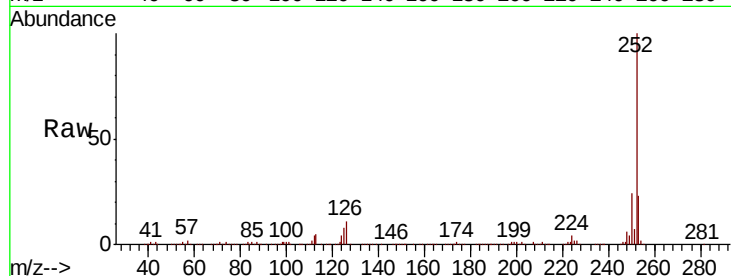




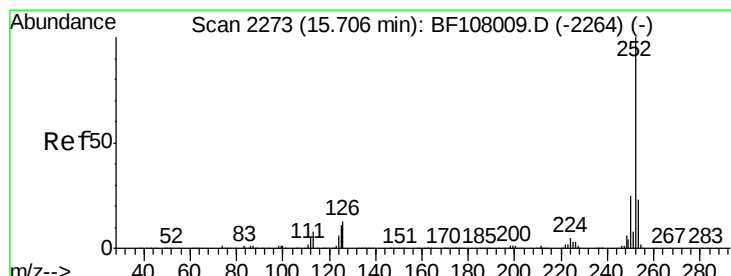
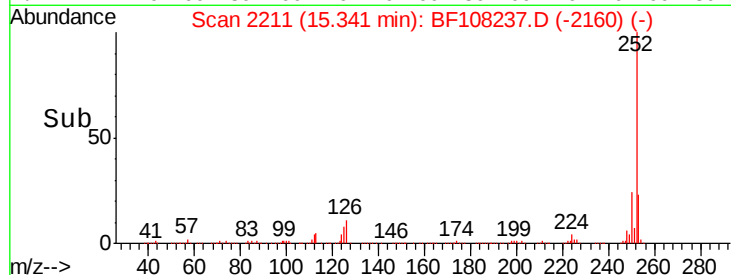
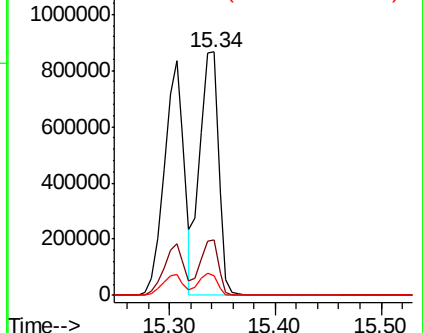
#88
Benzo(k)fluoranthene
Concen: 50.127 ng
RT: 15.34 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1068756
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 8.1 10.2 15.2#

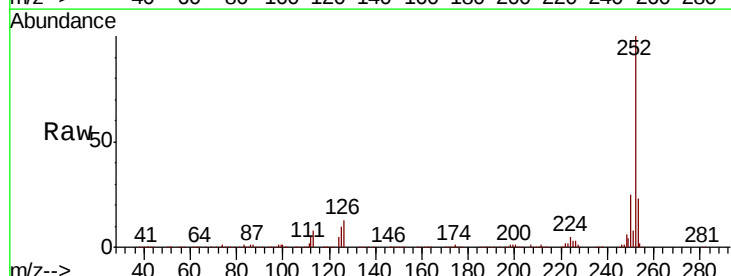


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

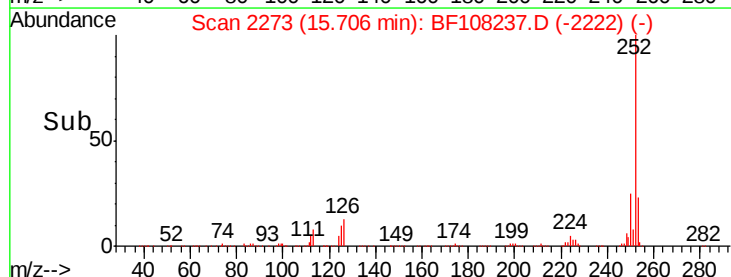
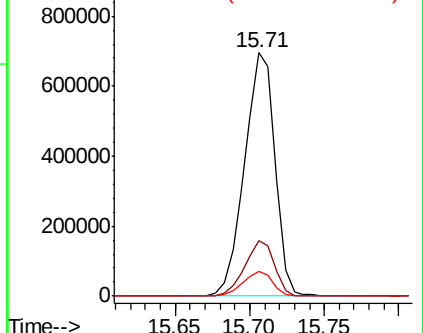


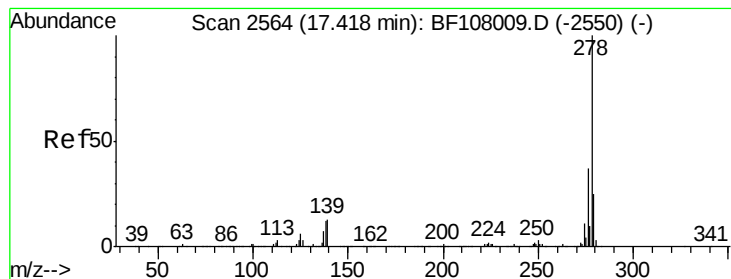
#89
Benzo(a)pyrene
Concen: 46.996 ng
RT: 15.71 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF108237.D
Acq: 17 Aug 2018 12:19

Tgt Ion:252 Resp: 976095
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 10.2 9.8 14.6



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: 44.439 ng

RT: 17.41 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

Instrument :

BNA_F

ClientSampleId :

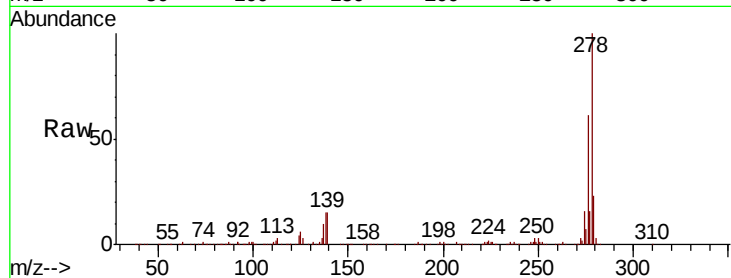
Tot Ion:278 Resp: 763687

Ion Ratio Lower Upper

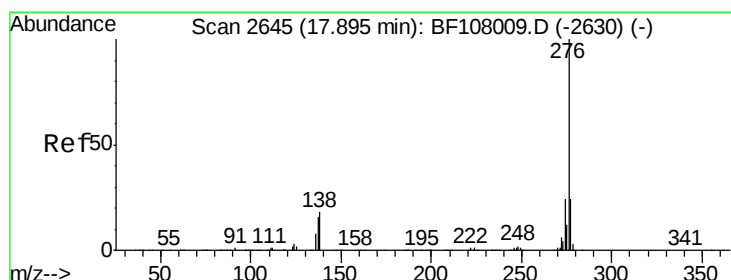
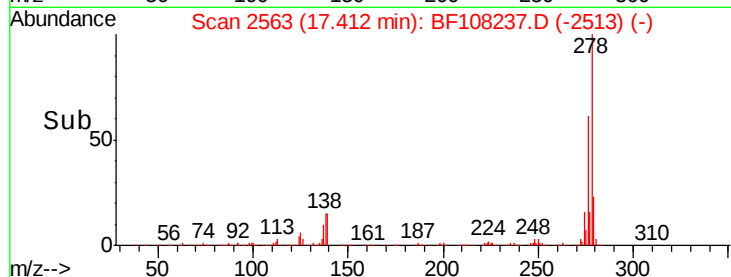
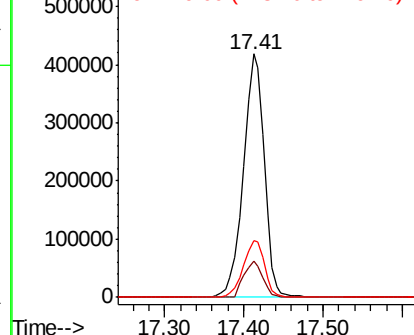
278 100

139 14.8 15.9 23.9#

279 23.3 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: 45.110 ng

RT: 17.89 min Scan# 2645

Delta R.T. -0.00 min

Lab File: BF108237.D

Acq: 17 Aug 2018 12:19

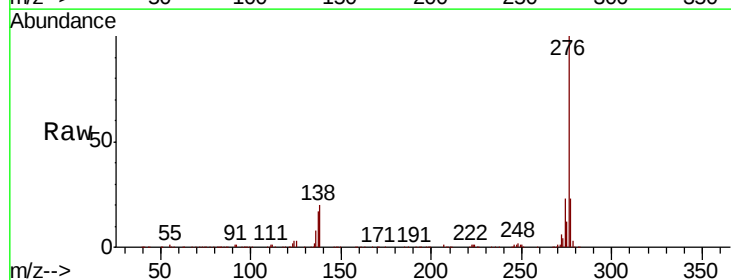
Tgt Ion:276 Resp: 763337

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 20.1 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

