

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110610.D
 Acq On : 9 Nov 2018 3:38
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 09 08:45:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 08 14:14:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	72953	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	290735	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	118885	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	175163	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159177	20.00	ng	0.00
87) Perylene-d12	15.65	264	122813	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	371417	82.70	ng	0.00
7) Phenol-d6	6.57	99	456854	79.55	ng	0.00
23) Nitrobenzene-d5	7.52	82	417992	82.80	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	78855	65.83	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	733905	88.16	ng	0.00
79) Terphenyl-d14	13.06	244	557323	65.57	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.75	88	90939	40.64	ng	90
3) Pyridine	3.55	79	203771	42.19	ng	87
4) n-Nitrosodimethylamine	3.51	42	85692	41.35	ng	# 91
6) Aniline	6.61	93	286328	38.23	ng	# 54
8) 2-Chlorophenol	6.73	128	209947	39.88	ng	98
9) Benzaldehyde	6.50	77	130952	43.41	ng	96
10) Phenol	6.59	94	264421	39.71	ng	# 64
11) bis(2-Chloroethyl)ether	6.68	93	193657	38.80	ng	93
12) 1,3-Dichlorobenzene	6.89	146	228566	39.68	ng	98
13) 1,4-Dichlorobenzene	6.96	146	230974	39.48	ng	99
14) 1,2-Dichlorobenzene	7.12	146	213777	39.28	ng	99
15) Benzyl Alcohol	7.09	79	175632	39.08	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	311599	39.76	ng	69
17) 2-Methylphenol	7.19	107	162798	38.85	ng	# 81
18) Hexachloroethane	7.45	117	77792	36.02	ng	92
19) n-Nitroso-di-n-propylamine	7.36	70	144060	39.29	ng	97
20) 3+4-Methylphenols	7.35	107	213084	39.61	ng	92
22) Acetophenone	7.36	105	283287	41.81	ng	98
24) Nitrobenzene	7.53	77	214992	41.57	ng	94
25) Isophorone	7.76	82	332738	40.21	ng	97
26) 2-Nitrophenol	7.85	139	100668	39.01	ng	96
27) 2,4-Dimethylphenol	7.87	122	161596	41.12	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	231902	41.39	ng	99
29) 2,4-Dichlorophenol	8.09	162	164992	40.80	ng	98
30) 1,2,4-Trichlorobenzene	8.17	180	182030	39.93	ng	97
31) Naphthalene	8.25	128	545707	39.98	ng	99
32) Benzoic acid	8.01	122	18214	6.55	ng	95
33) 4-Chloroaniline	8.30	127	236910	38.32	ng	100
34) Hexachlorobutadiene	8.36	225	105500	40.51	ng	99
35) Caprolactam	8.67	113	48555	35.94	ng	# 85
36) 4-Chloro-3-methylphenol	8.77	107	167080	38.31	ng	97
37) 2-Methylnaphthalene	8.94	142	346950	38.78	ng	99
38) 1-Methylnaphthalene	9.04	142	329759	38.32	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	167387	44.48	ng	98

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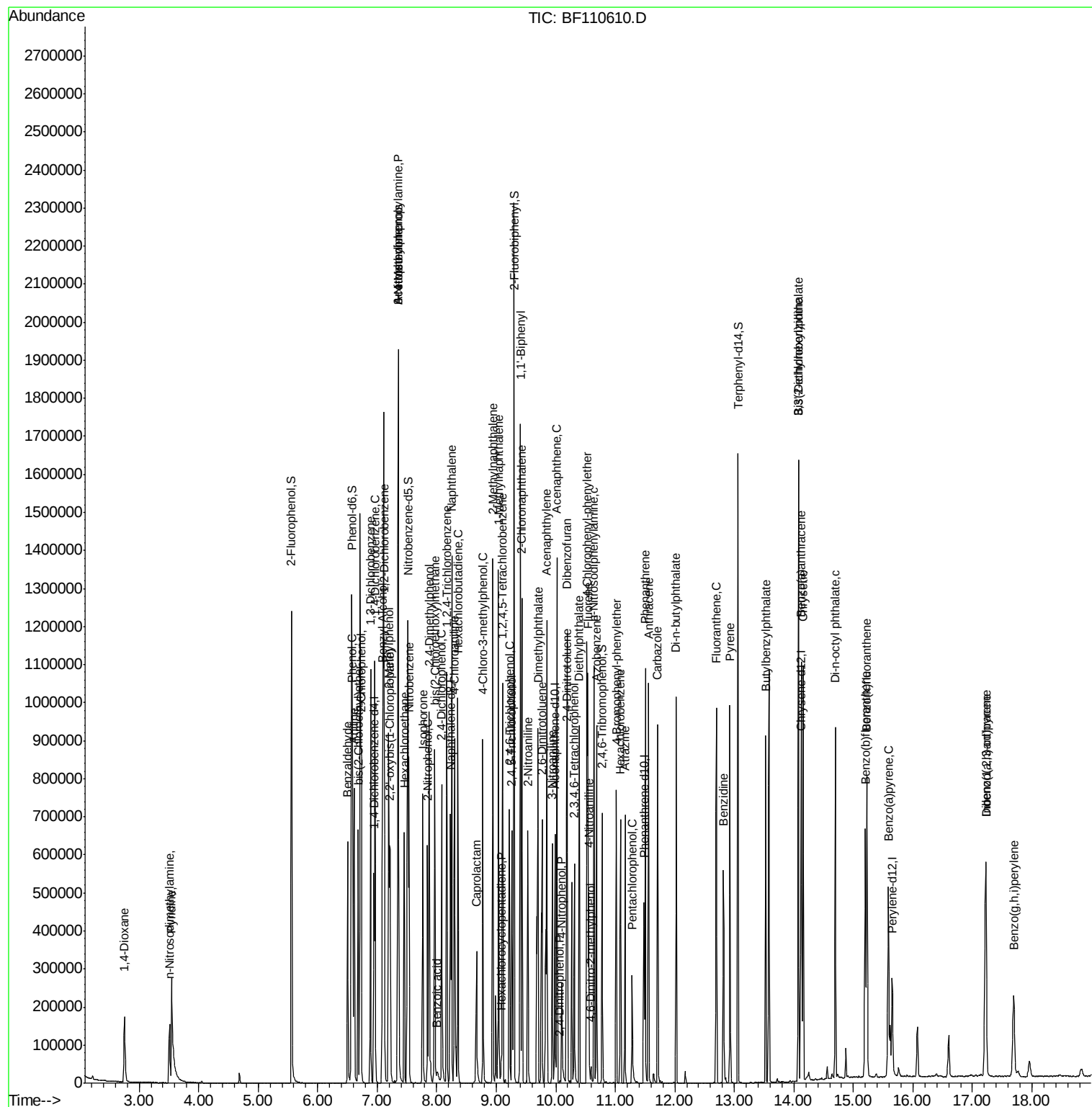
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	8675	12.97	nq	99
43) 2,4,6-Trichlorophenol	9.22	196	98668	41.72	nq	95
44) 2,4,5-Trichlorophenol	9.26	196	101483	40.23	nq	96
46) 1,1'-Biphenyl	9.40	154	482974	43.55	nq	100
47) 2-Chloronaphthalene	9.43	162	336610	42.13	nq	99
48) 2-Nitroaniline	9.53	65	105374	42.80	nq	93
49) Acenaphthylene	9.85	152	469996	40.85	nq	99
50) Dimethylphthalate	9.70	163	382315	43.10	nq	99
51) 2,6-Dinitrotoluene	9.77	165	79783	40.88	nq	98
52) Acenaphthene	10.02	154	290156	39.90	nq	98
53) 3-Nitroaniline	9.95	138	91225	40.35	nq	91
54) 2,4-Dinitrophenol	10.07	184	1842	6.93	nq	91
55) Dibenzofuran	10.19	168	414016	38.92	nq	98
56) 4-Nitrophenol	10.10	139	50273	33.52	nq	93
57) 2,4-Dinitrotoluene	10.18	165	93486	36.85	nq	88
58) Fluorene	10.54	166	299302	36.63	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	67161	33.84	nq	93
60) Diethylphthalate	10.40	149	356080	40.57	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	164925	38.98	nq	97
62) 4-Nitroaniline	10.56	138	83147	36.52	nq	95
63) Azobenzene	10.69	77	318387	37.18	nq	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	5668	6.42	nq	75
66) n-Nitrosodiphenylamine	10.64	169	279281	47.30	nq	97
67) 4-Bromophenyl-phenylether	11.02	248	87427	45.16	nq	97
68) Hexachlorobenzene	11.09	284	86597	42.43	nq	# 94
69) Atrazine	11.16	200	74952	41.52	nq	100
70) Pentachlorophenol	11.29	266	39505	36.27	nq	96
71) Phenanthrene	11.50	178	378672	40.35	nq	99
72) Anthracene	11.56	178	382507	40.41	nq	99
73) Carbazole	11.71	167	367369	40.41	nq	100
74) Di-n-butylphthalate	12.02	149	462176	43.35	nq	99
75) Fluoranthene	12.70	202	374394	39.79	nq	99
77) Benzidine	12.82	184	216099	49.37	nq	98
78) Pyrene	12.93	202	392845	32.05	nq	98
80) Butylbenzylphthalate	13.53	149	182449	34.59	nq	97
81) Benzo(a)anthracene	14.12	228	372323	39.13	nq	99
82) 3,3'-Dichlorobenzidine	14.07	252	138152	43.35	nq	100
83) Chrysene	14.16	228	355880	39.26	nq	99
84) Bis(2-ethylhexyl)phthalate	14.08	149	256616	39.21	nq	# 96
85) Di-n-octyl phthalate	14.70	149	464933	48.31	nq	98
86) Indeno(1,2,3-cd)pyrene	17.22	276	246025	37.82	nq	97
88) Benzo(b)fluoranthene	15.20	252	317699	43.24	nq	99
89) Benzo(k)fluoranthene	15.23	252	292018	40.22	nq	# 98
90) Benzo(a)pyrene	15.59	252	269452	40.37	nq	97
91) Dibenzo(a,h)anthracene	17.23	278	209461	37.08	nq	98
92) Benzo(g,h,i)perylene	17.70	276	194268	34.66	nq	97

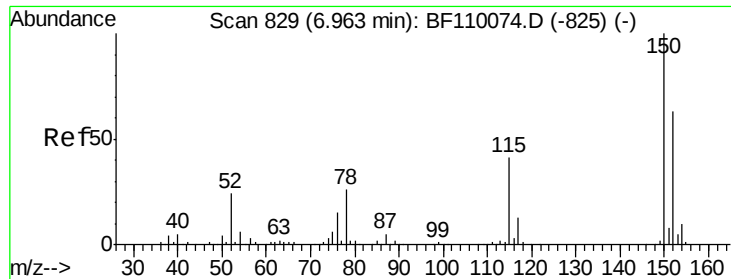
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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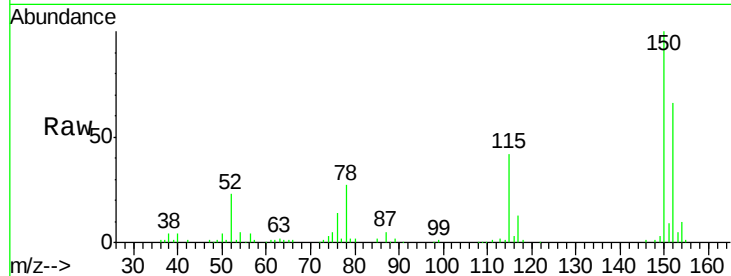




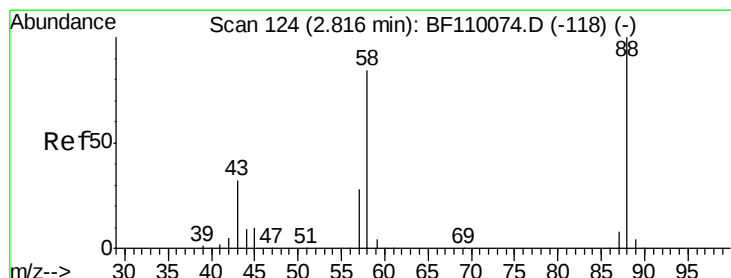
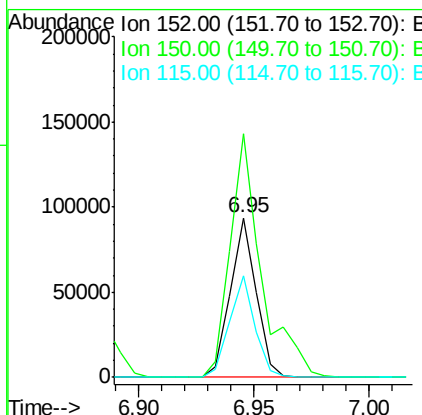
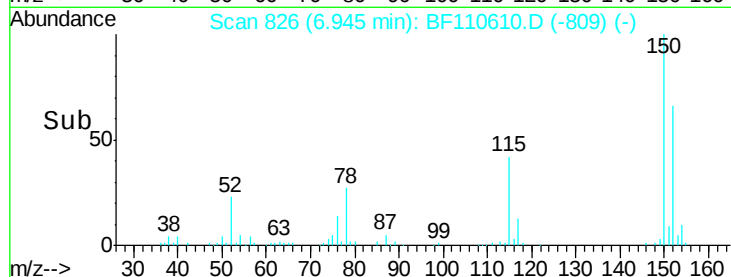
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 72953
 Ion Ratio Lower Upper
 152 100
 150 152.5 122.7 184.1
 115 63.5 49.1 73.7

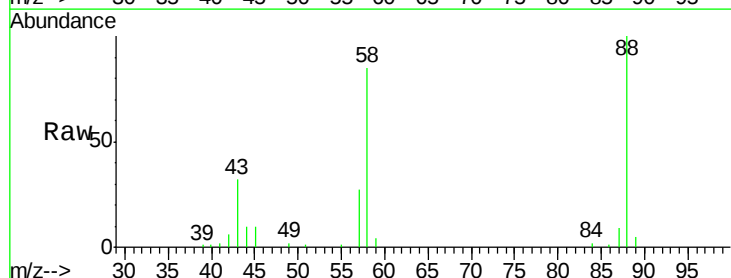


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

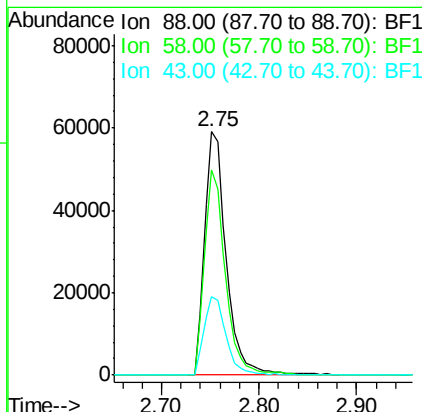
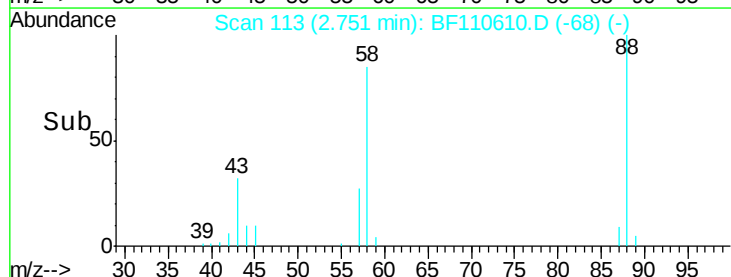


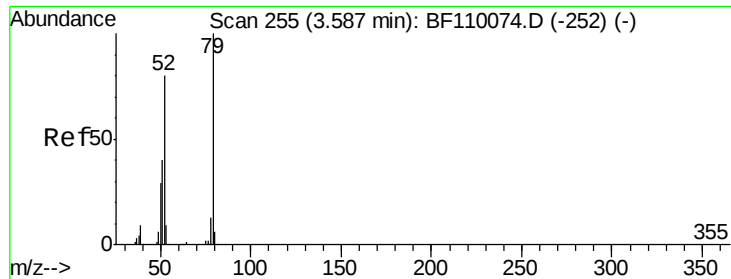
#2
 1,4-Dioxane
 Concen: 40.64 ng
 RT: 2.75 min Scan# 113
 Delta R.T. -0.04 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion: 88 Resp: 90939
 Ion Ratio Lower Upper
 88 100
 58 81.3 57.1 85.7
 43 32.4 24.1 36.1



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





#3

Pvridine

Concen: 42.19 ng

RT: 3.55 min Scan# 248

Delta R.T. -0.02 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

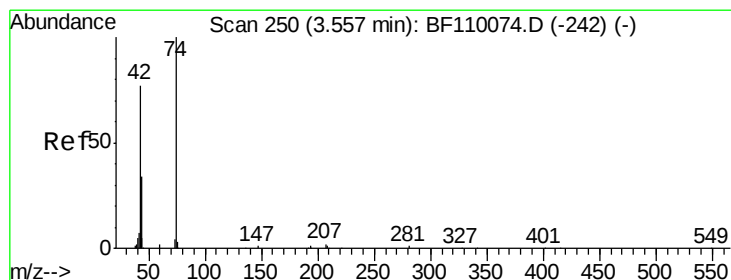
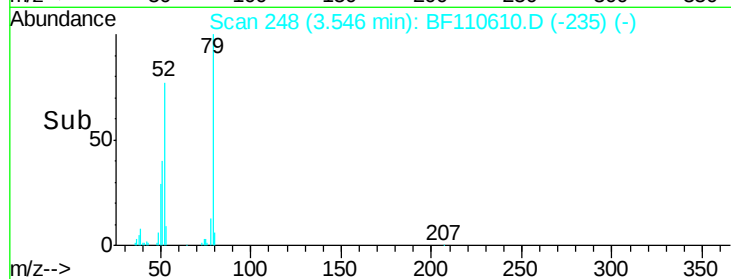
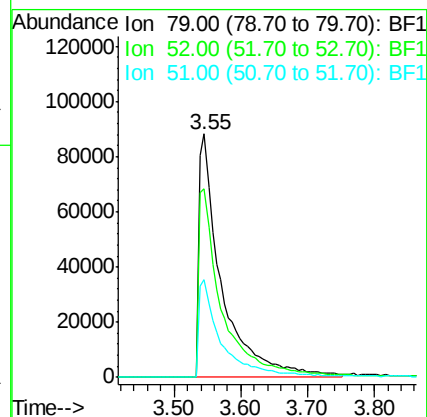
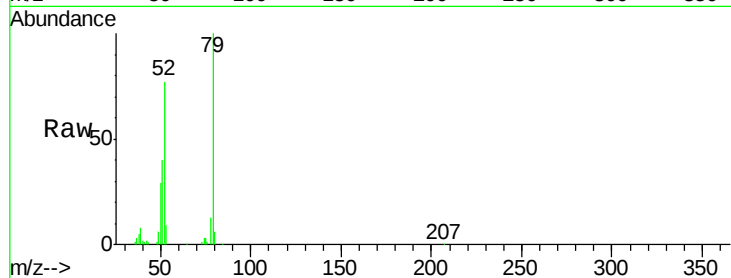
Tot Ion: 79 Resp: 203771

Ion Ratio Lower Upper

79 100

52 77.2 53.1 79.7

51 40.4 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 41.35 ng

RT: 3.51 min Scan# 242

Delta R.T. -0.02 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

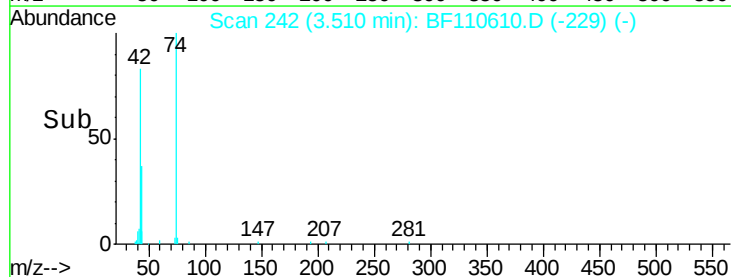
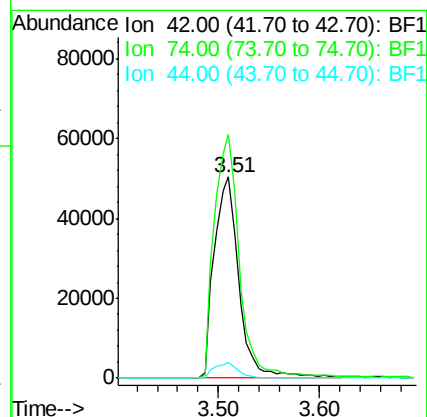
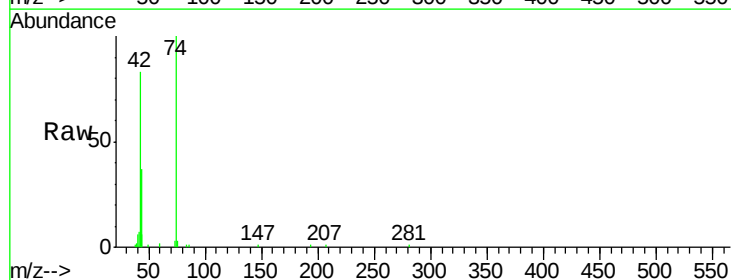
Tgt Ion: 42 Resp: 85692

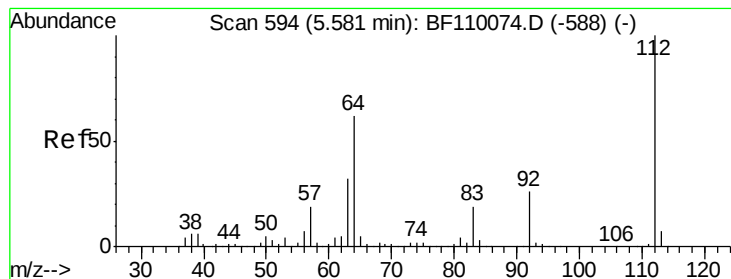
Ion Ratio Lower Upper

42 100

74 121.2 105.5 158.3

44 7.7 4.9 7.3#





#5

2-Fluorophenol

Concen: 82.70 ng

RT: 5.56 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

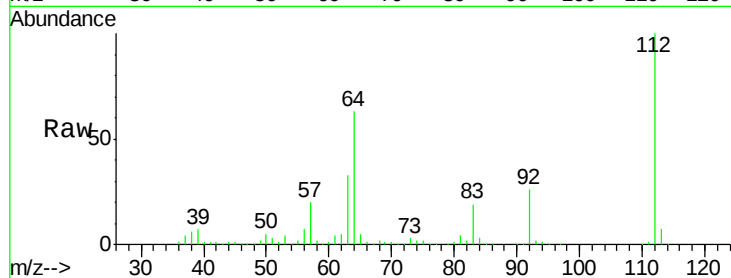
Tot Ion:112 Resp: 371417

Ion Ratio Lower Upper

112 100

64 62.7 44.1 66.1

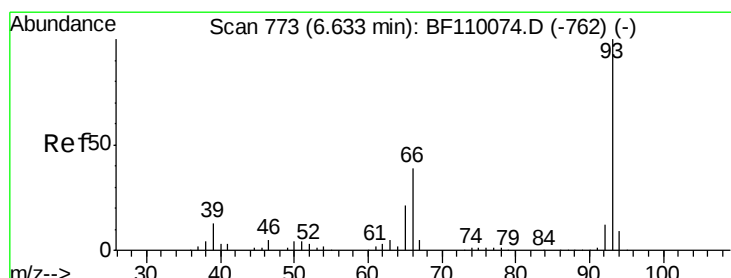
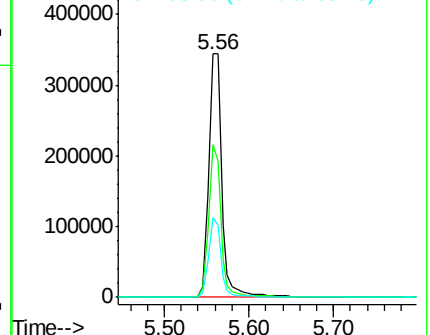
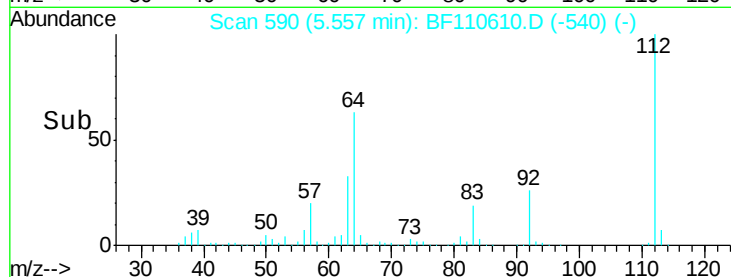
63 33.0 23.7 35.5



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: 38.23 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

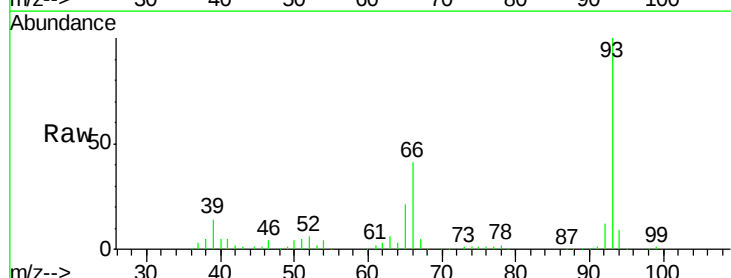
Tgt Ion: 93 Resp: 286328

Ion Ratio Lower Upper

93 100

66 40.7 67.4 101.0#

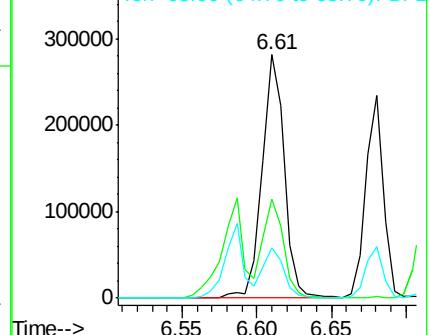
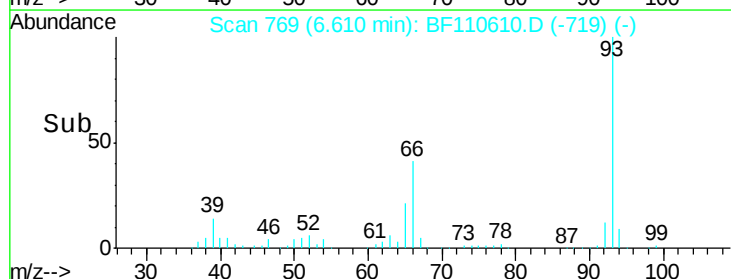
65 20.8 41.0 61.4#

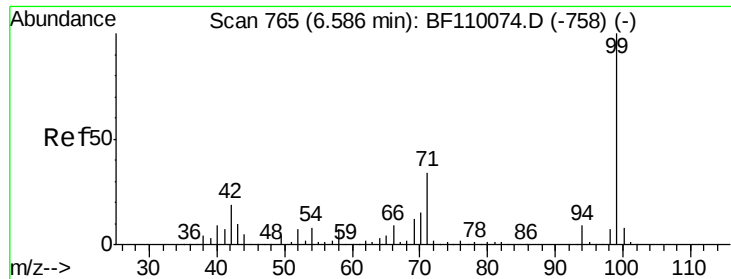


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.55 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampled :

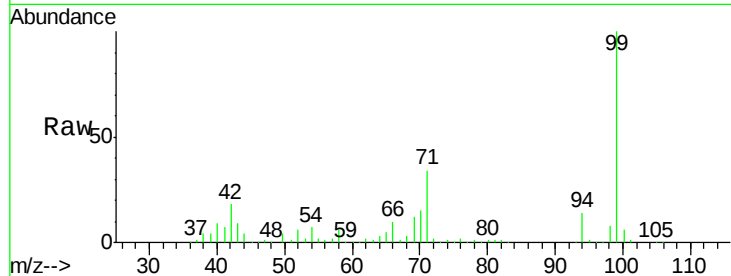
Tot Ion: 99 Resp: 456854

Ion Ratio Lower Upper

99 100

42 18.4 15.8 23.6

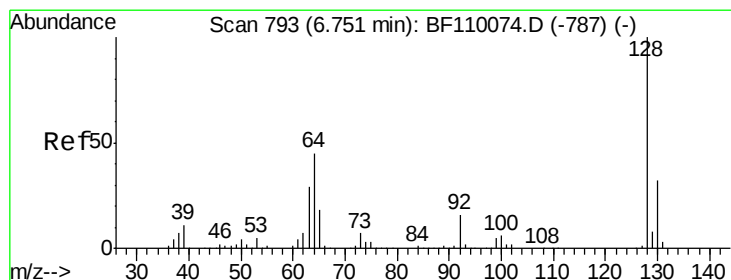
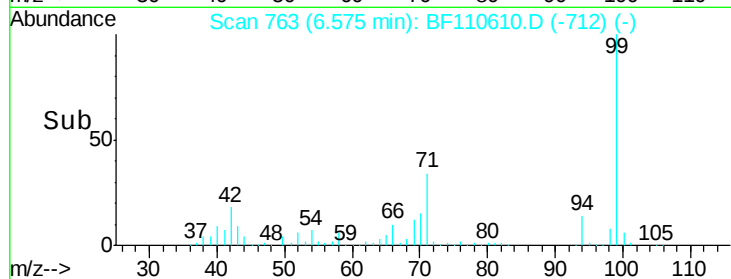
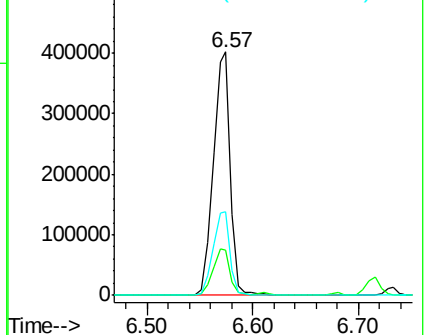
71 34.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.88 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

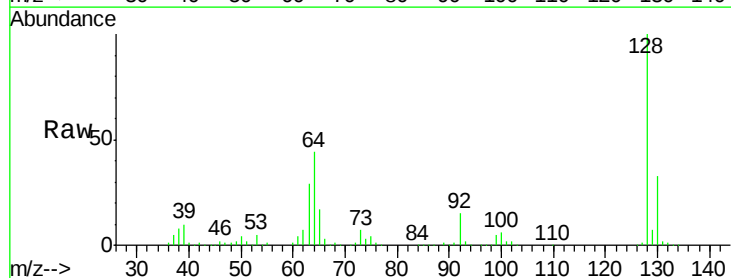
Tgt Ion: 128 Resp: 209947

Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

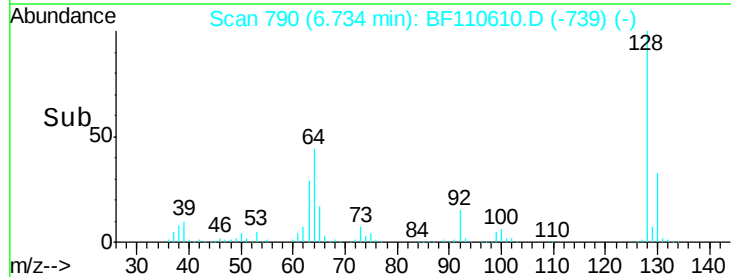
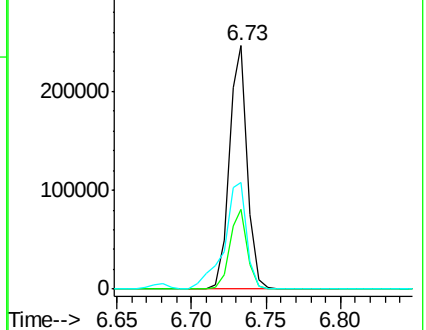
64 43.9 26.0 66.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

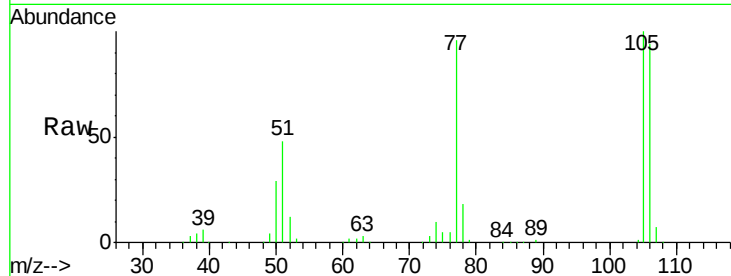




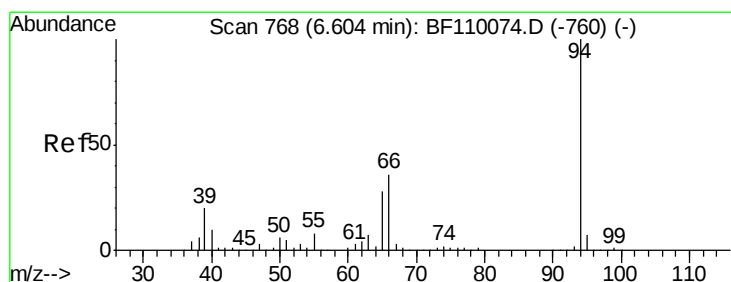
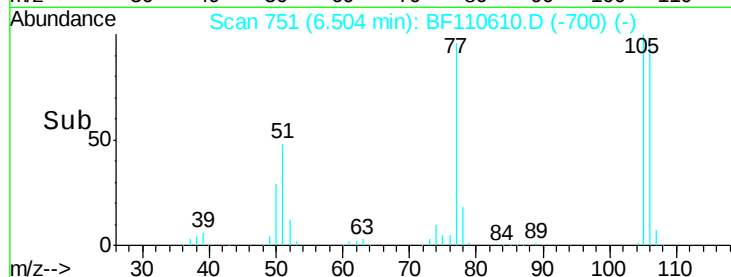
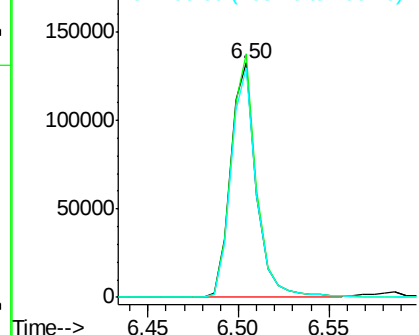
#9
Benzaldehyde
Concen: 43.41 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 130952
Ion Ratio Lower Upper
77 100
105 103.9 78.6 118.6
106 97.9 74.8 114.8

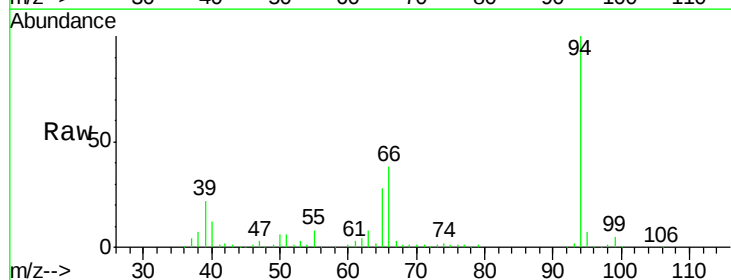


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

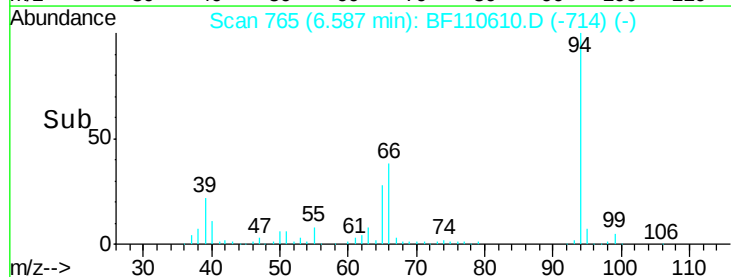
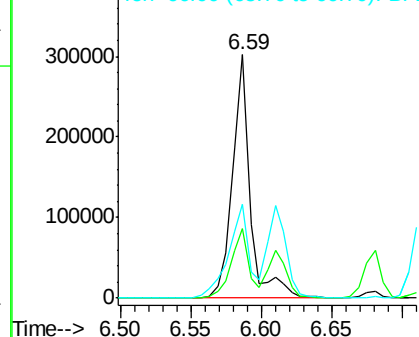


#10
Phenol
Concen: 39.71 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion: 94 Resp: 264421
Ion Ratio Lower Upper
94 100
65 28.4 25.3 65.3
66 38.4 54.5 94.5#



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





#11

bis(2-Chloroethyl)ether

Concen: 38.80 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

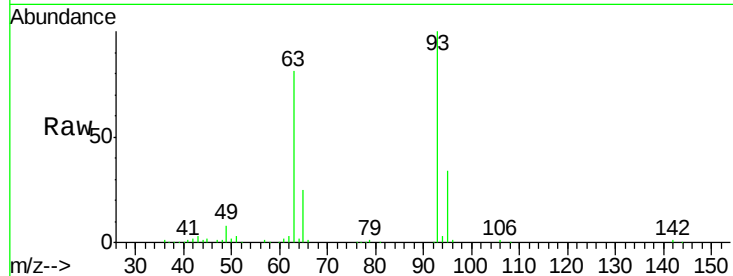
Tot Ion: 93 Resp: 193657

Ion Ratio Lower Upper

93 100

63 81.3 53.4 93.4

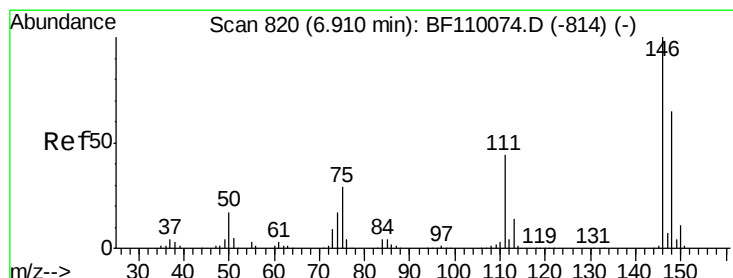
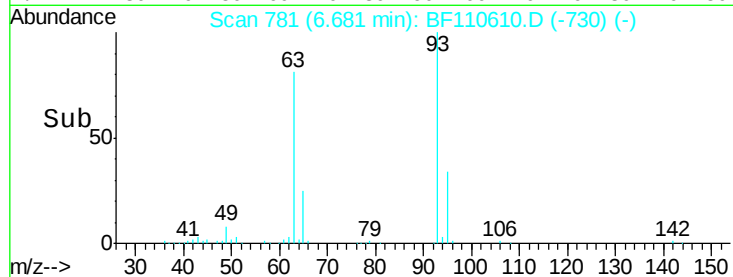
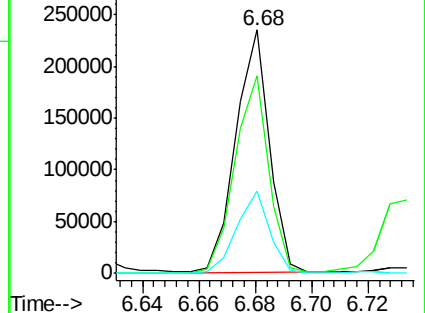
95 33.8 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.68 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

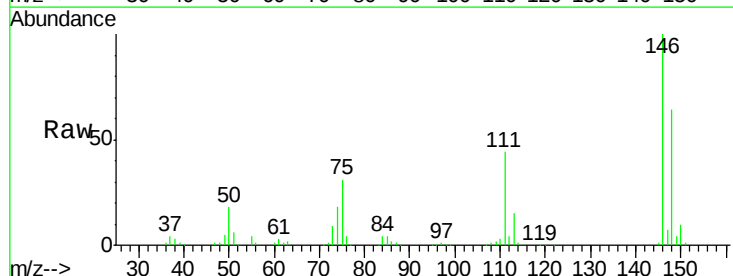
Tgt Ion: 146 Resp: 228566

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

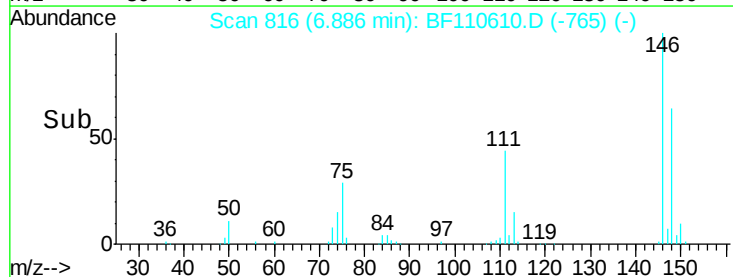
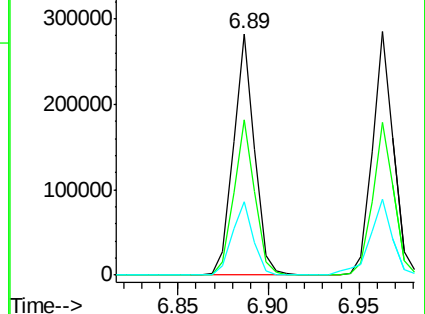
75 30.6 25.8 38.6

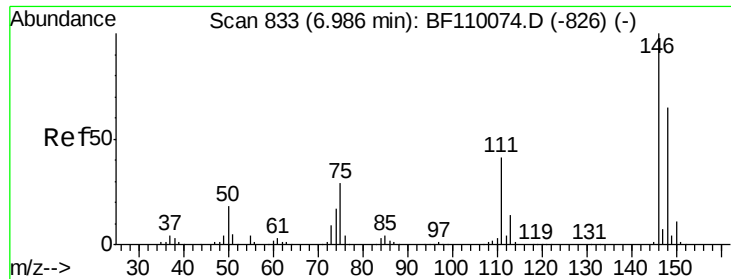


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

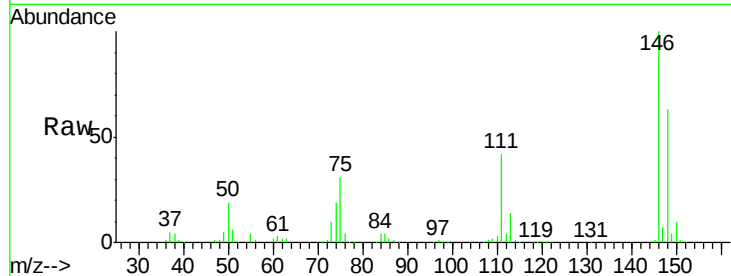




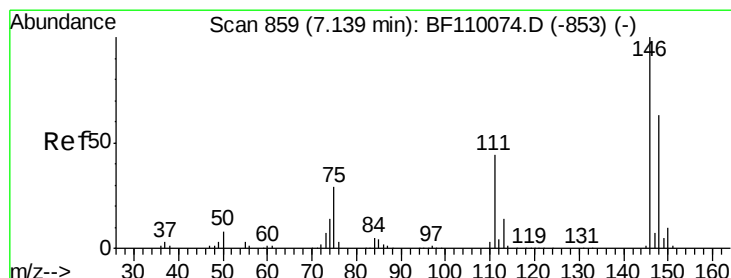
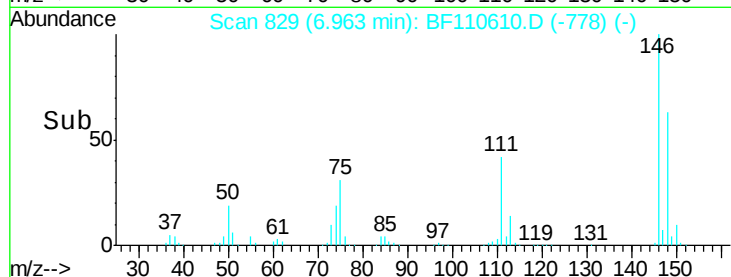
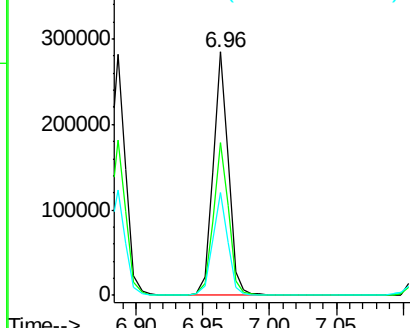
#13
 1,4-Dichlorobenzene
 Concen: 39.48 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 230974
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.3 75.5
 111 42.4 32.7 49.1

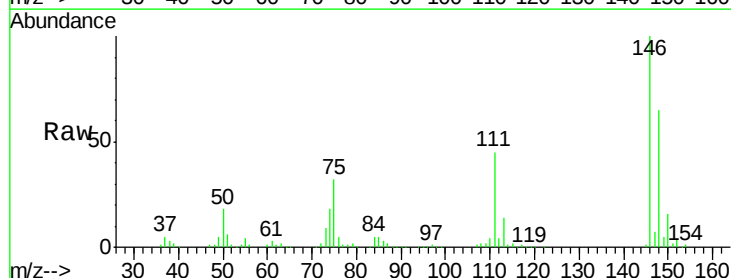


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

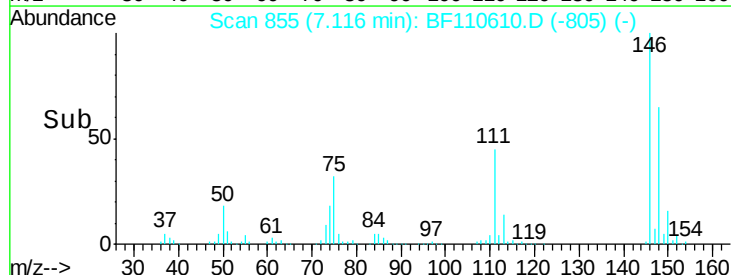
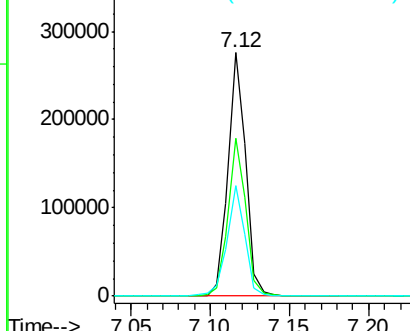


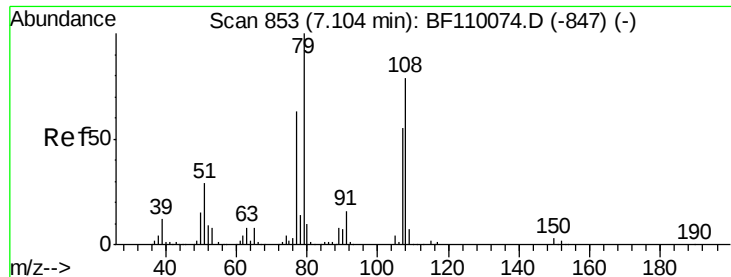
#14
 1,2-Dichlorobenzene
 Concen: 39.28 ng
 RT: 7.12 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion:146 Resp: 213777
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 45.2 35.8 53.6



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: 39.08 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampled :

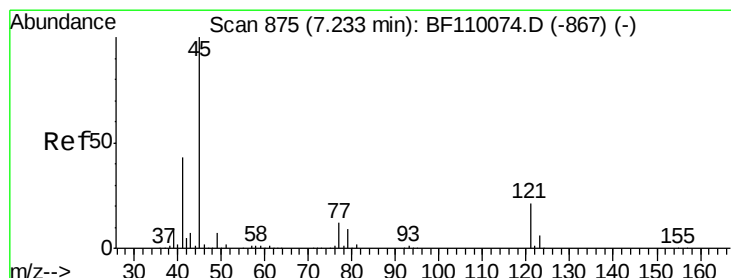
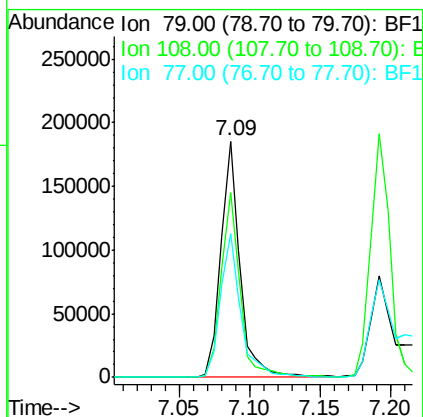
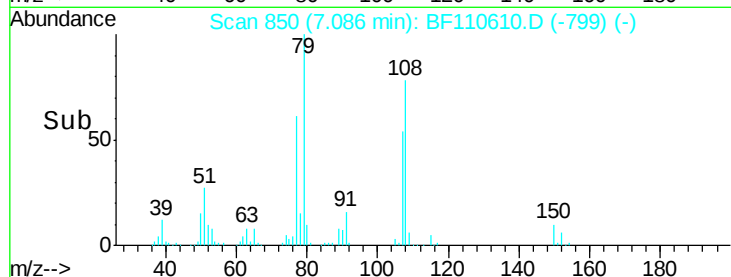
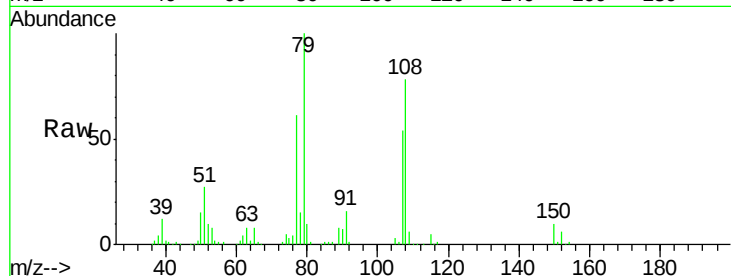
Tot Ion: 79 Resp: 175632

Ion Ratio Lower Upper

79 100

108 78.1 56.3 84.5

77 60.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.76 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

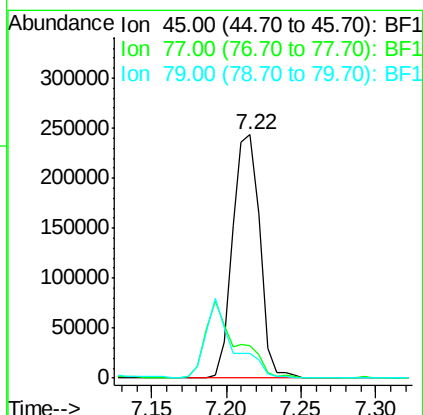
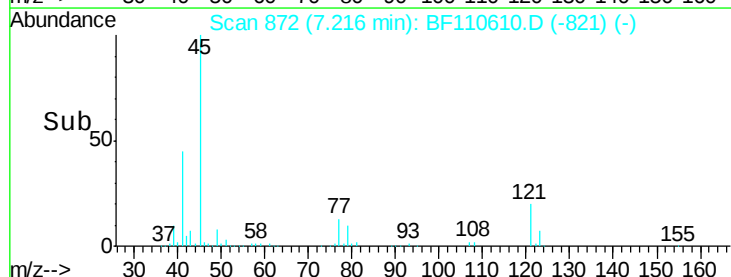
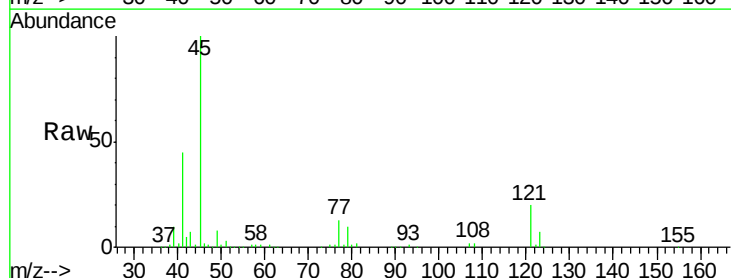
Tgt Ion: 45 Resp: 311599

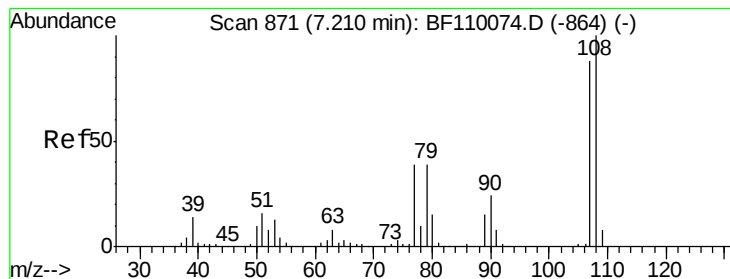
Ion Ratio Lower Upper

45 100

77 13.3 10.0 50.0

79 10.3 6.1 46.1

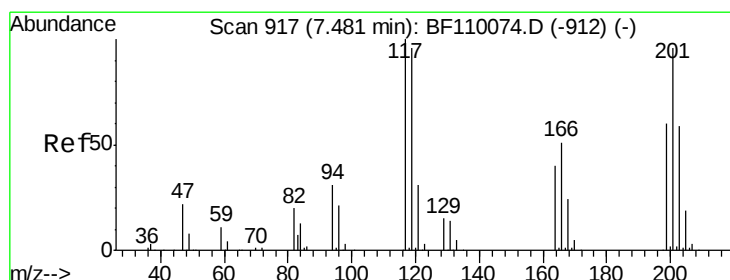
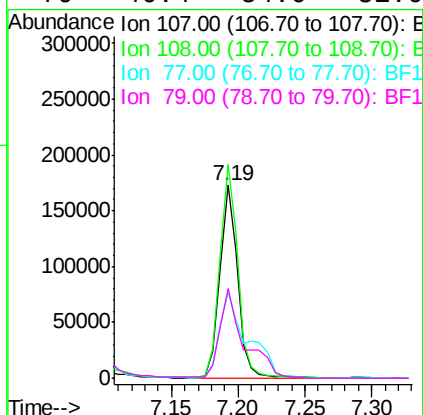
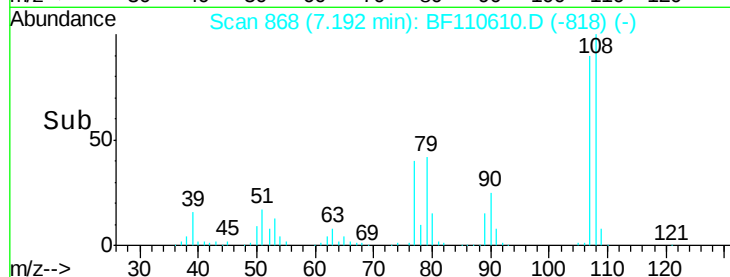
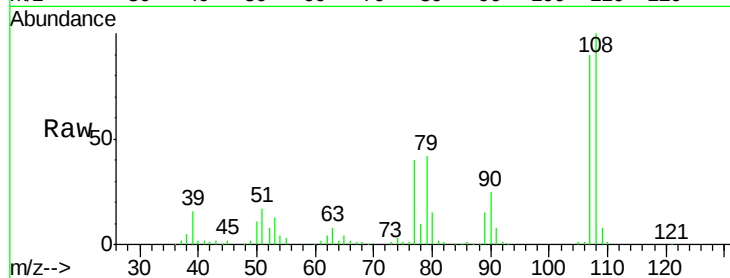




#17
2-Methylphenol
Concen: 38.85 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

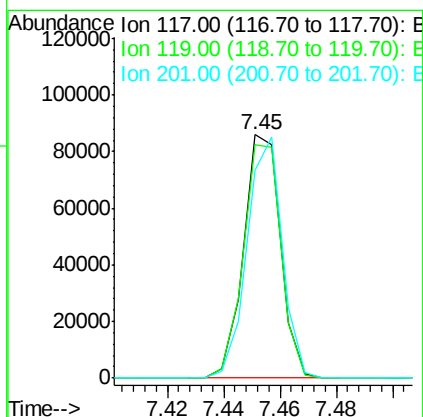
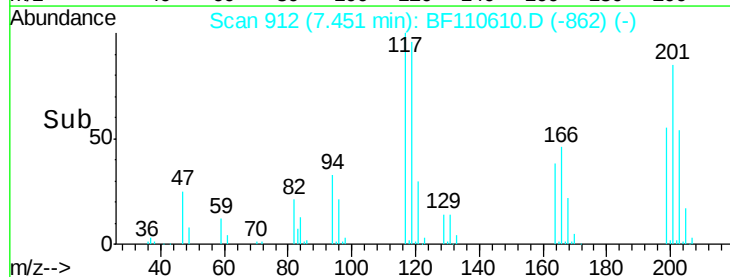
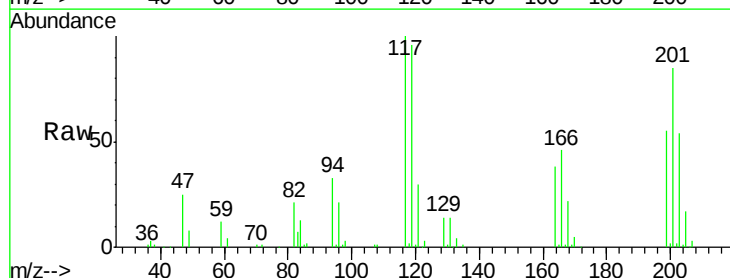
Instrument :
BNA_F
ClientSampled :

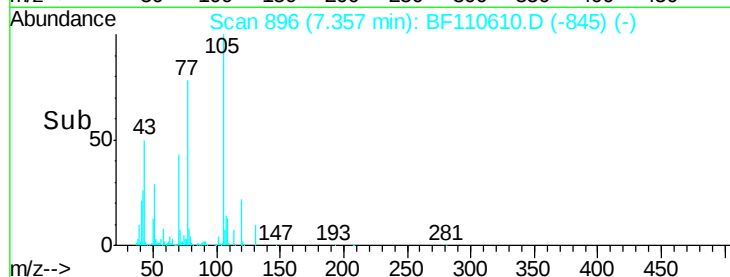
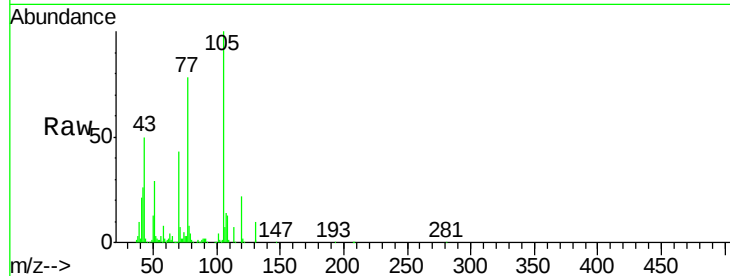
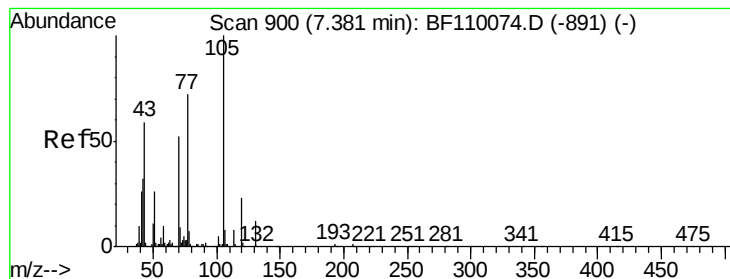
Tot Ion:107 Resp: 162798
Ion Ratio Lower Upper
107 100
108 110.7 92.6 138.8
77 44.4 59.4 89.2#
79 46.4 54.0 81.0#



#18
Hexachloroethane
Concen: 36.02 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:117 Resp: 77792
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.6
201 85.2 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 39.29 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 144060

Ion Ratio Lower Upper

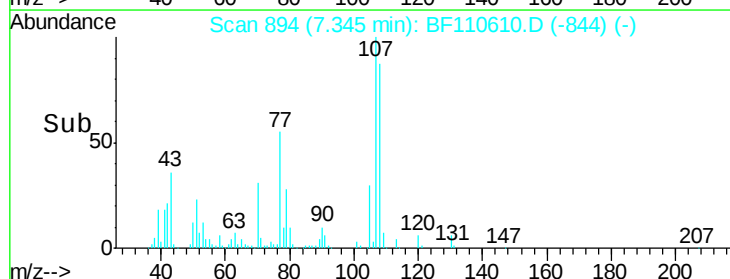
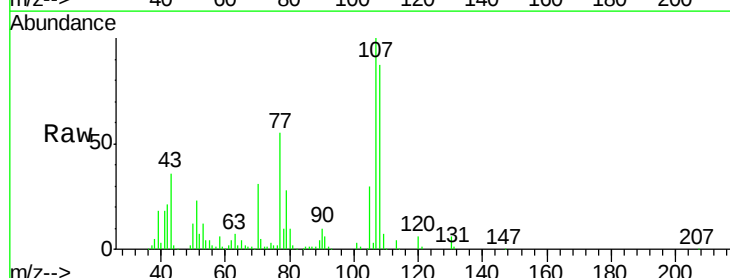
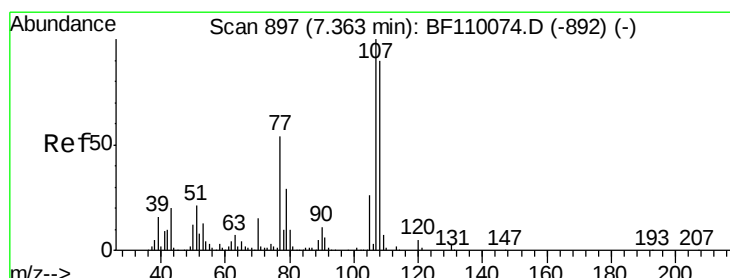
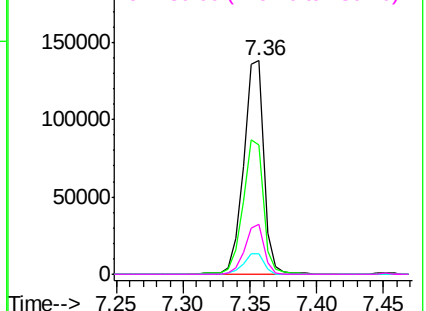
70 100

42 60.2 47.4 71.2

101 9.9 7.3 10.9

130 23.1 16.2 24.2

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: 39.61 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Tgt Ion: 107 Resp: 213084

Ion Ratio Lower Upper

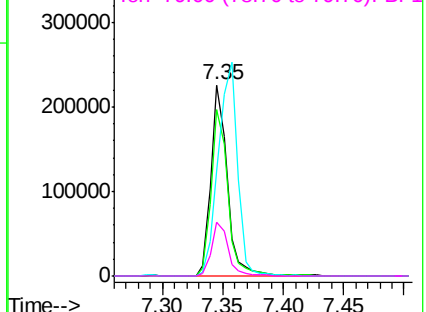
107 100

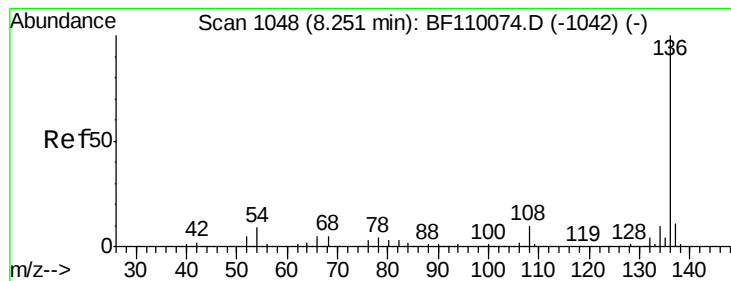
108 87.3 71.4 111.4

77 54.9 47.3 87.3

79 28.1 10.9 50.9

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: 20.00 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 290735

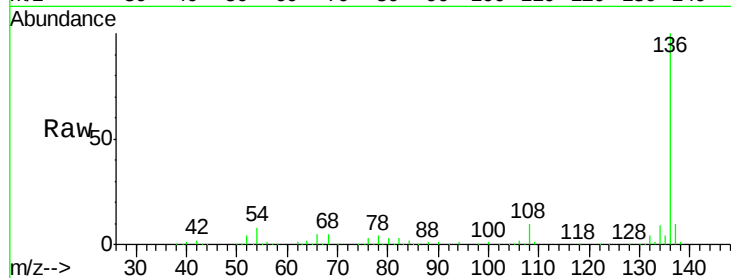
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.9 5.4 8.2

68 5.2 4.2 6.2

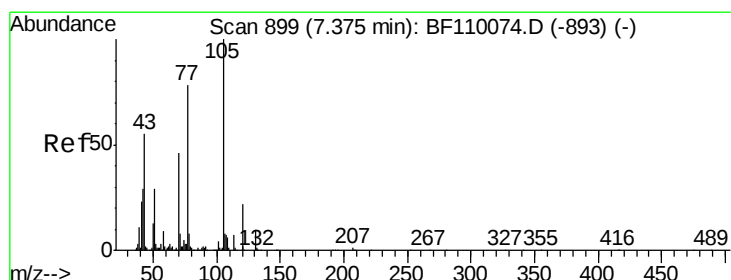
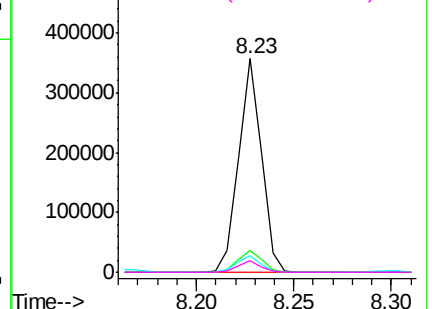
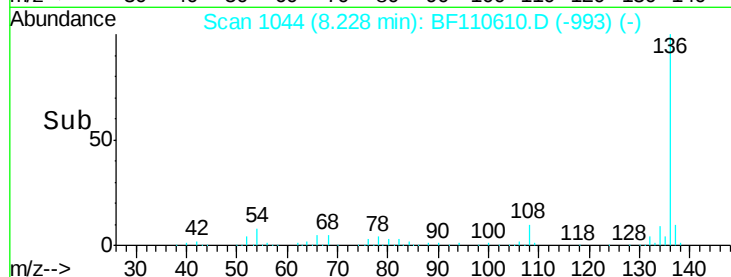


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.81 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Tgt Ion:105 Resp: 283287

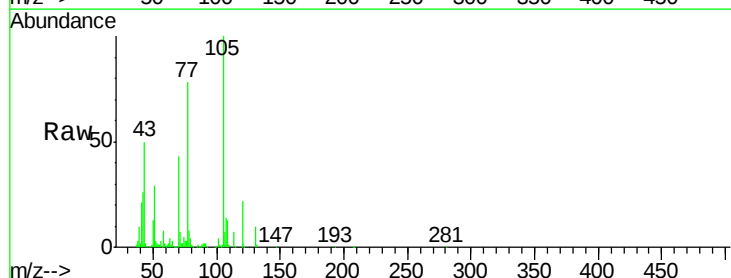
Ion Ratio Lower Upper

105 100

71 6.9 5.2 7.8

51 29.1 21.8 32.8

120 21.6 17.0 25.4

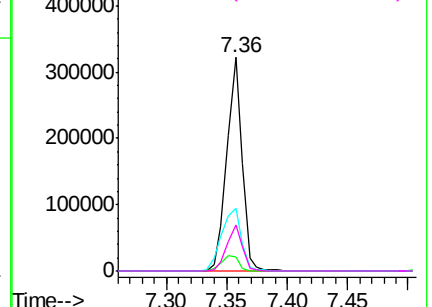
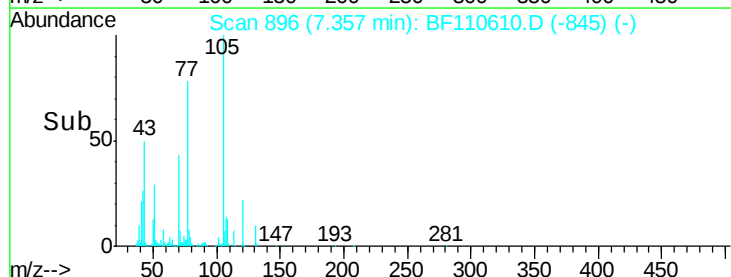


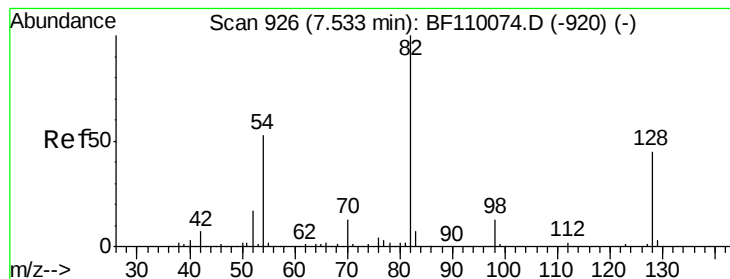
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.80 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

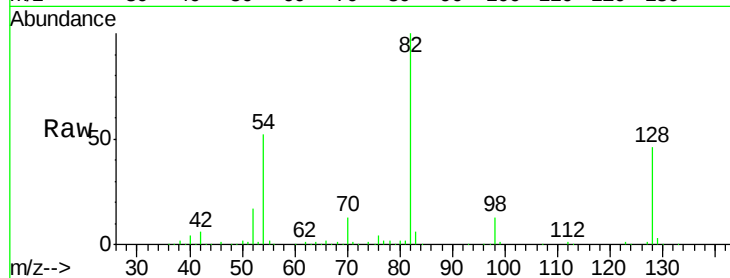
Tot Ion: 82 Resp: 417992

Ion Ratio Lower Upper

82 100

128 46.1 34.2 51.2

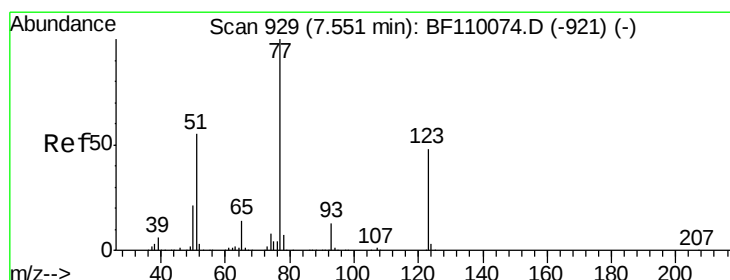
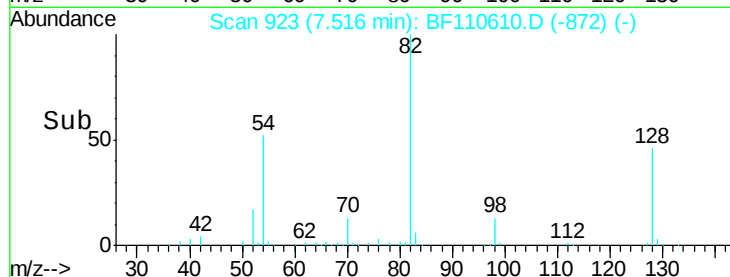
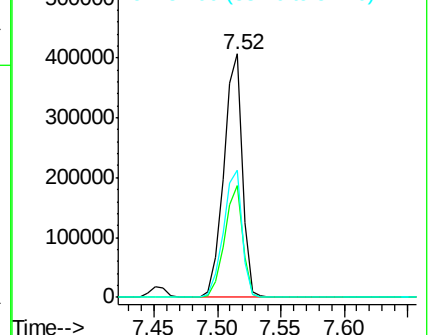
54 52.0 38.6 58.0



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: 41.57 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

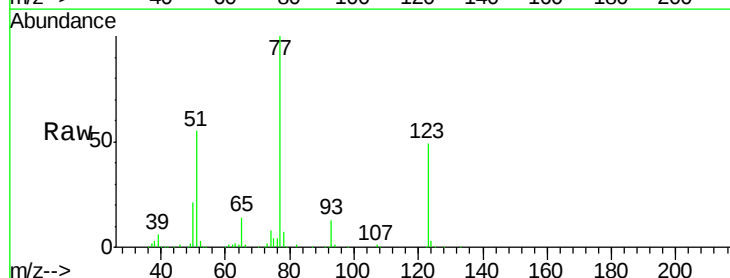
Tgt Ion: 77 Resp: 214992

Ion Ratio Lower Upper

77 100

123 49.4 35.7 53.5

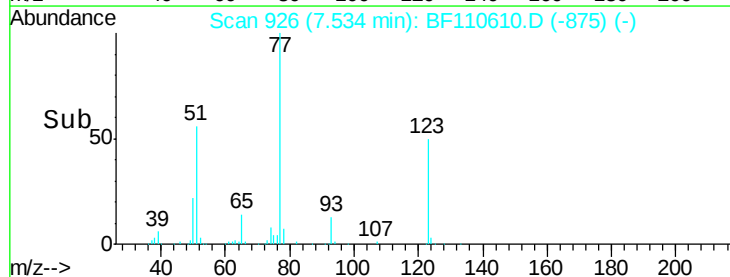
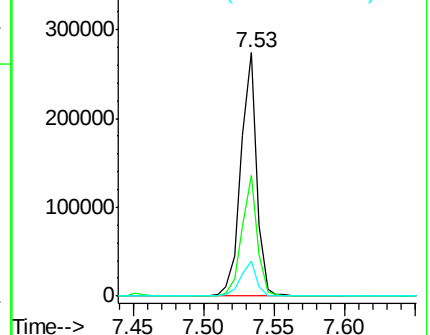
65 14.3 10.7 16.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 40.21 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

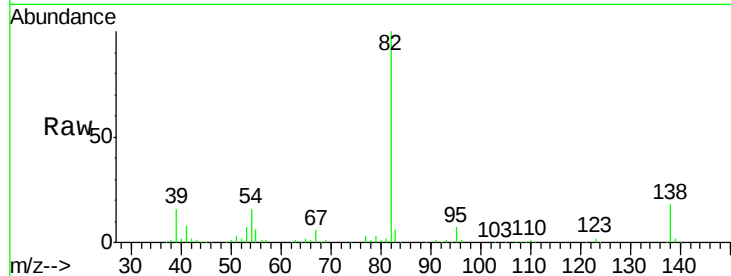
Tot Ion: 82 Resp: 332738

Ion Ratio Lower Upper

82 100

95 7.3 5.7 8.5

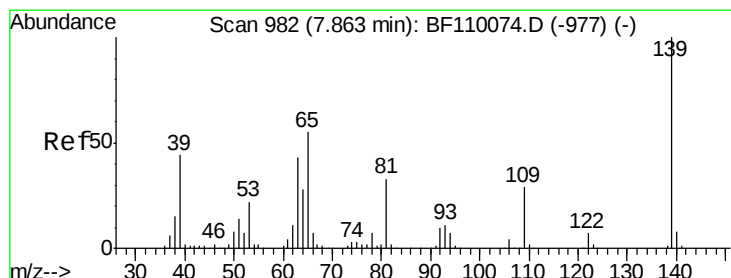
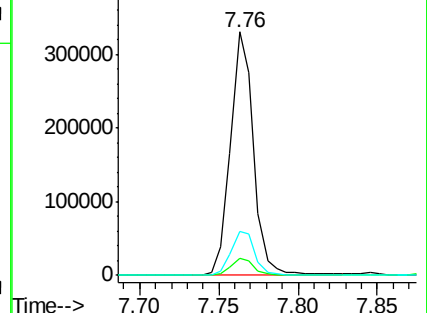
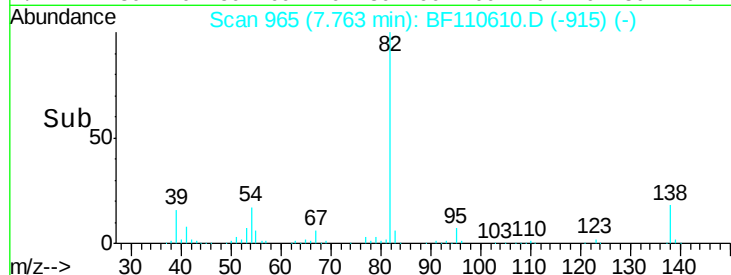
138 18.0 13.2 19.8



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: 39.01 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

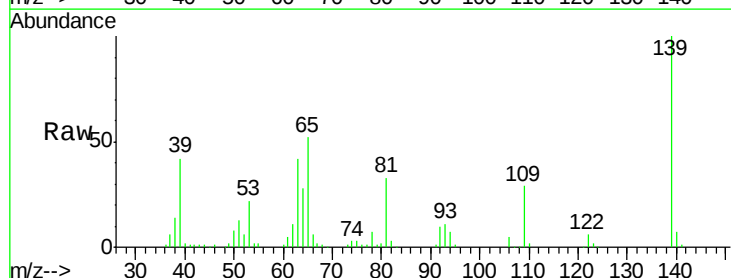
Tgt Ion: 139 Resp: 100668

Ion Ratio Lower Upper

139 100

109 29.1 25.0 37.6

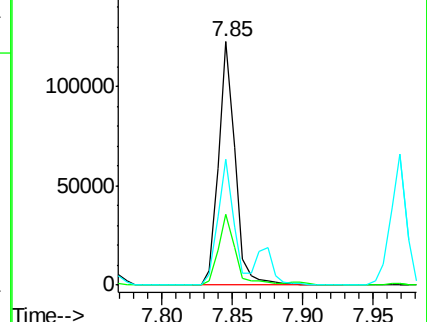
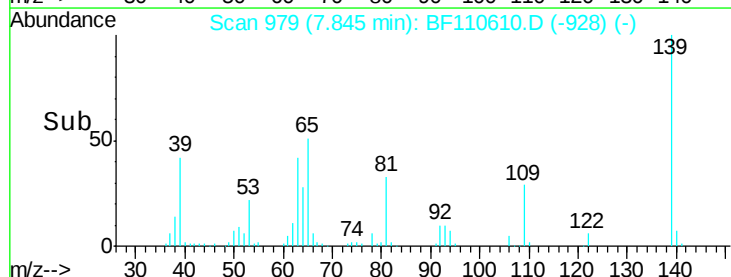
65 51.5 44.0 66.0



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

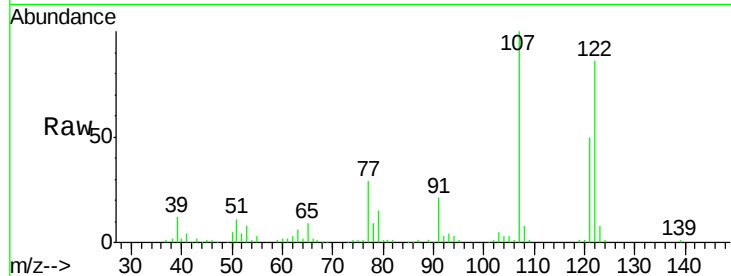




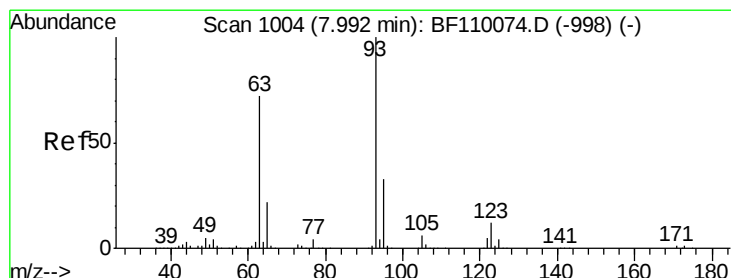
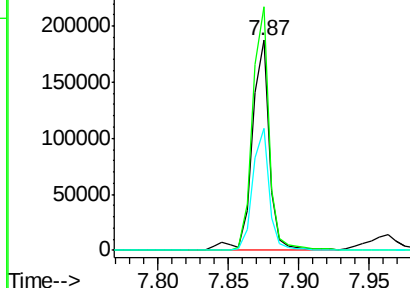
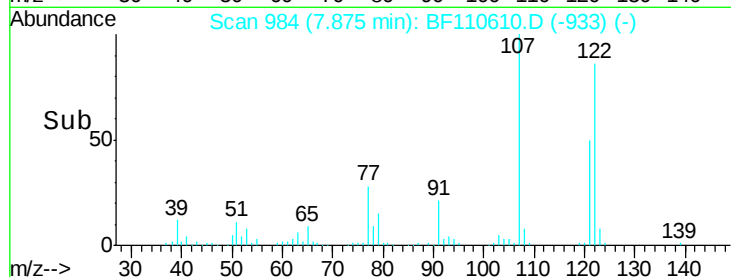
#27
2,4-Dimethylphenol
Concen: 41.12 ng
RT: 7.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 161596
Ion Ratio Lower Upper
122 100
107 116.0 92.5 138.7
121 58.0 45.8 68.8

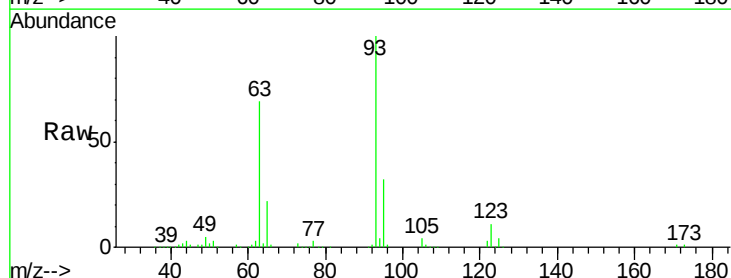


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

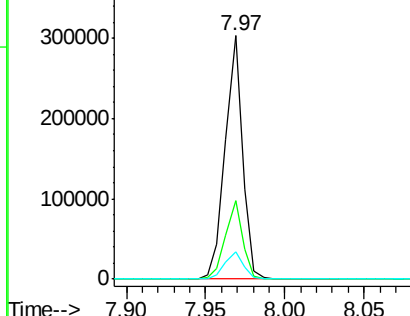
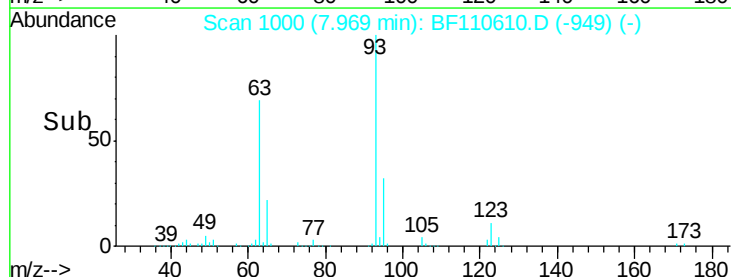


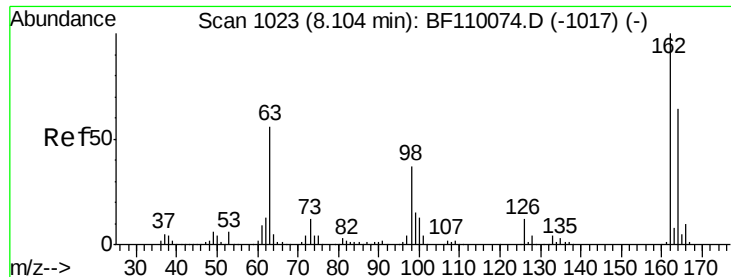
#28
bis(2-Chloroethoxy)methane
Concen: 41.39 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion: 93 Resp: 231902
Ion Ratio Lower Upper
93 100
95 32.5 26.4 39.6
123 11.4 9.0 13.6



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

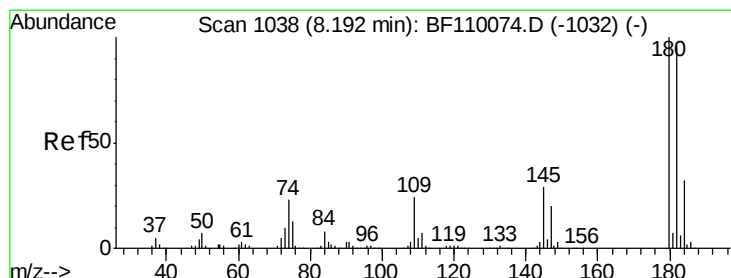
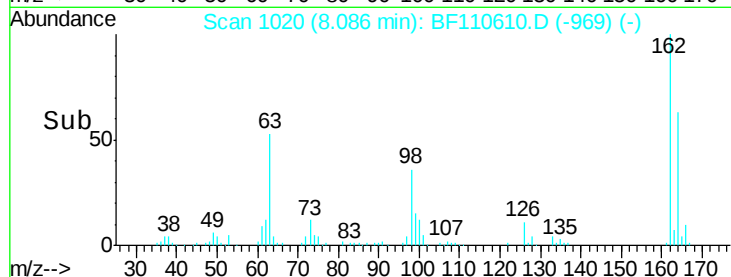
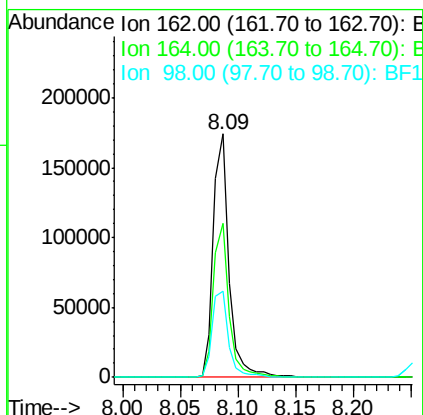
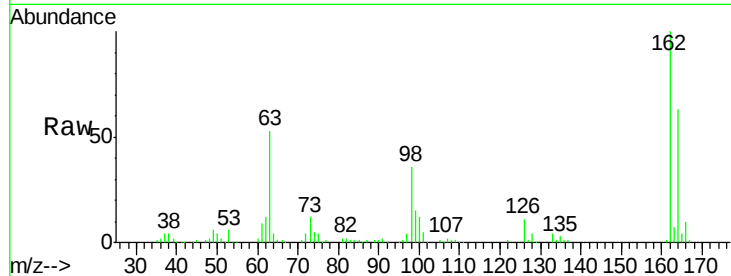




#29
 2,4-Dichlorophenol
 Concen: 40.80 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

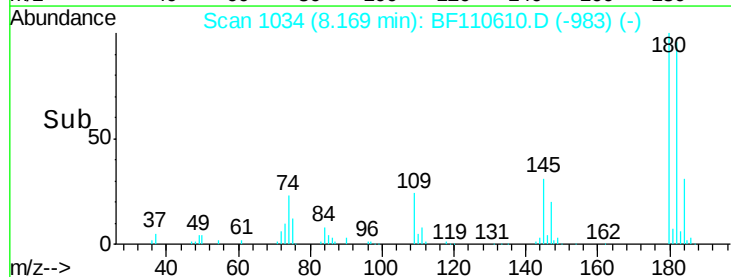
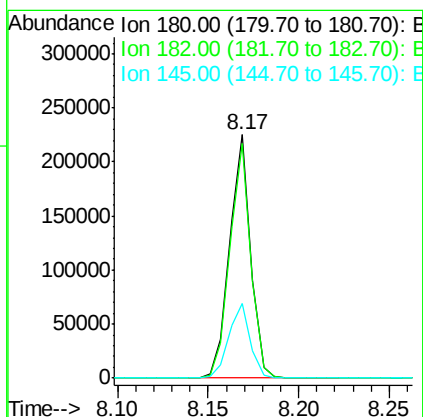
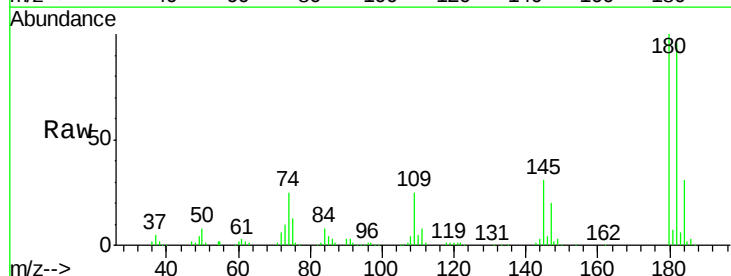
Instrument :
 BNA_F
 ClientSampled :

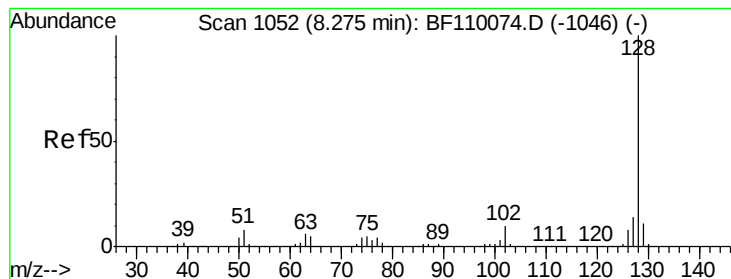
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	35.6	17.4	57.4



#30
 1,2,4-Trichlorobenzene
 Concen: 39.93 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	80.3	120.5
145	30.8	25.4	38.0





#31

Naphthalene

Concen: 39.98 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

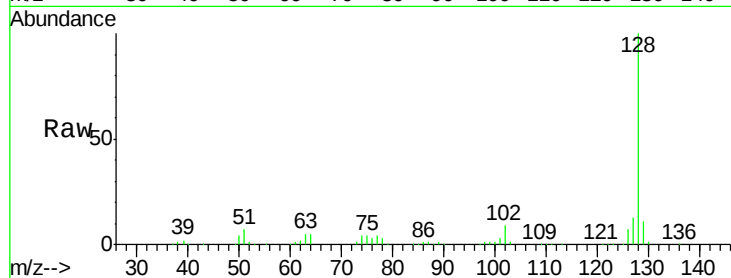
Tot Ion:128 Resp: 545707

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

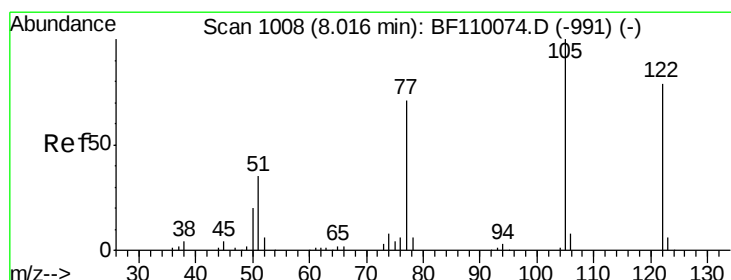
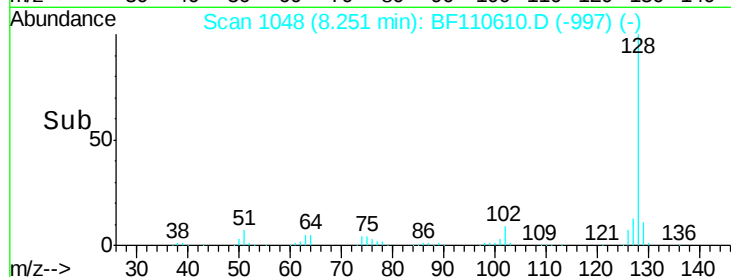
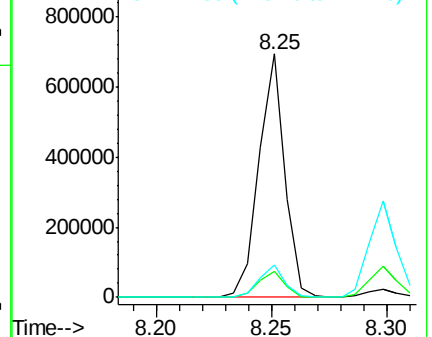
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.55 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

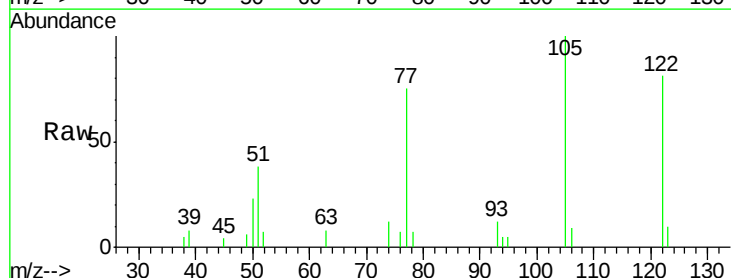
Tgt Ion:122 Resp: 18214

Ion Ratio Lower Upper

122 100

105 123.8 109.0 149.0

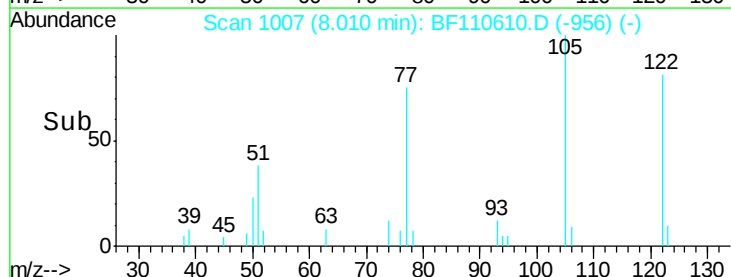
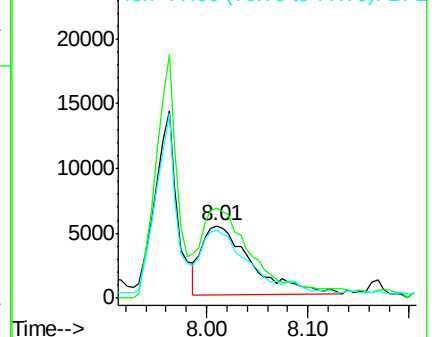
77 93.4 79.0 119.0

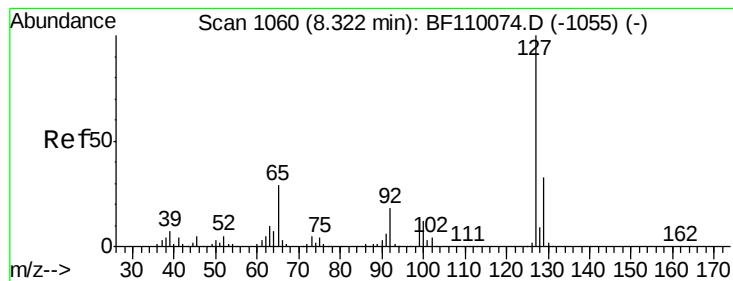


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 38.32 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 236910

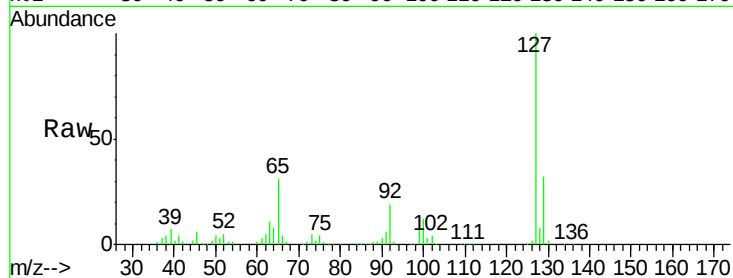
Ion Ratio Lower Upper

127 100

129 32.3 26.0 39.0

65 31.4 25.1 37.7

92 18.7 15.0 22.6

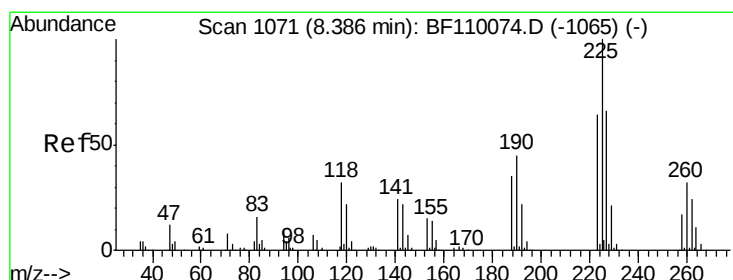
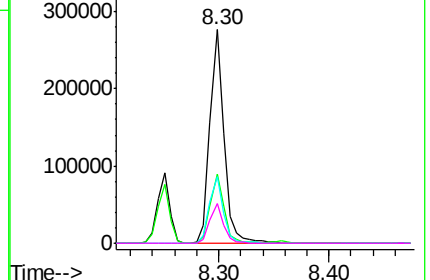
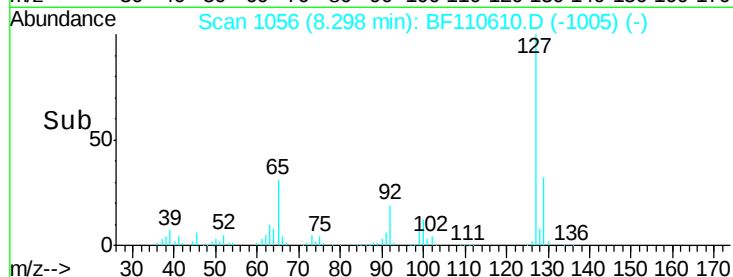


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 40.51 ng

RT: 8.36 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

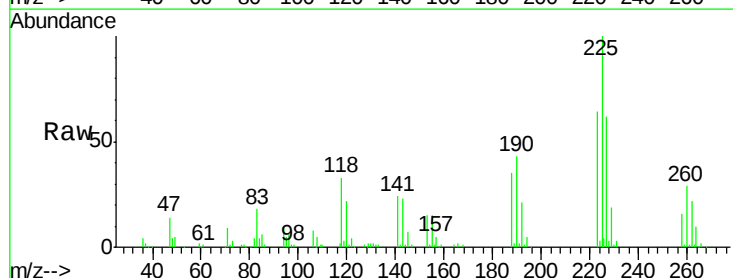
Tgt Ion:225 Resp: 105500

Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.2

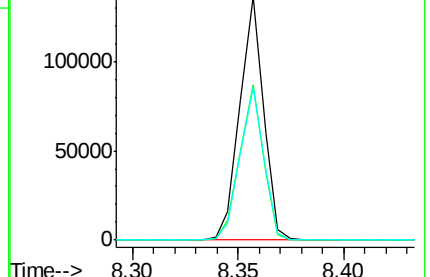
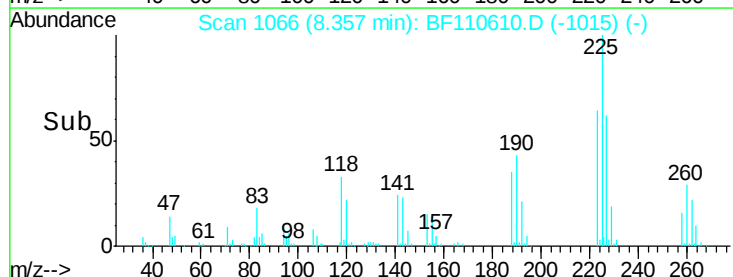
227 62.5 51.0 76.6

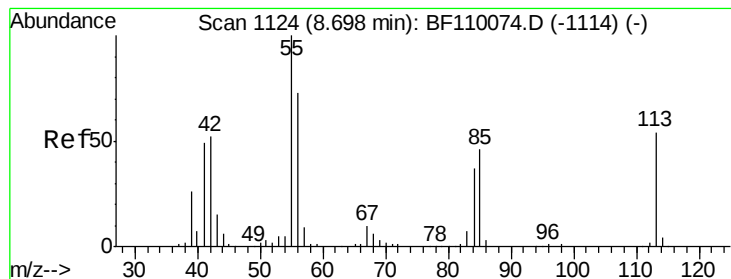


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.94 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampled :

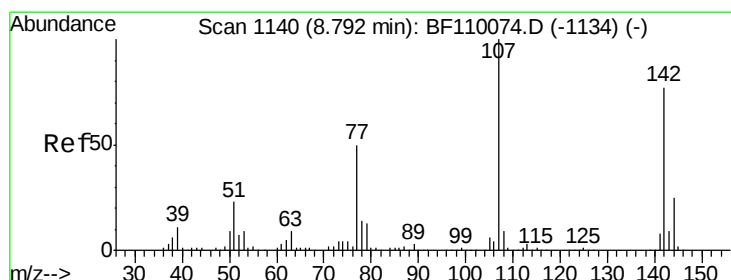
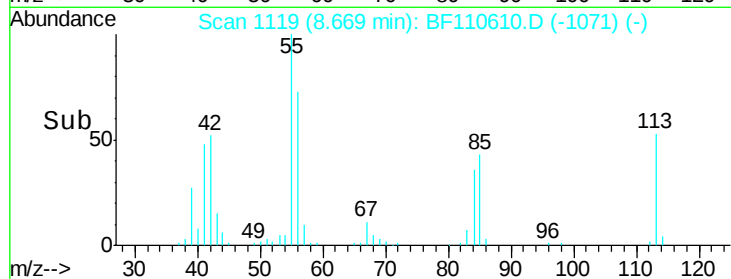
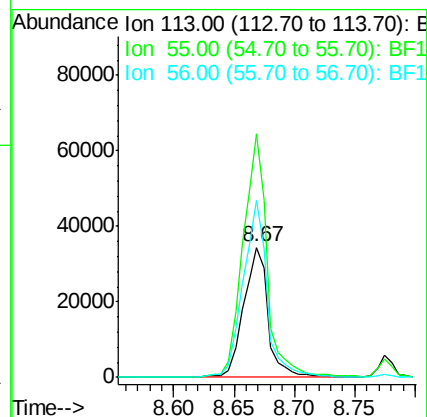
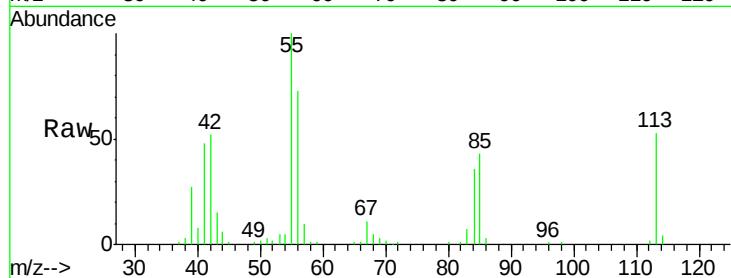
Tot Ion:113 Resp: 48555

Ion Ratio Lower Upper

113 100

55 187.3 142.8 182.8#

56 135.8 105.0 145.0



#36

4-Chloro-3-methylphenol

Concen: 38.31 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

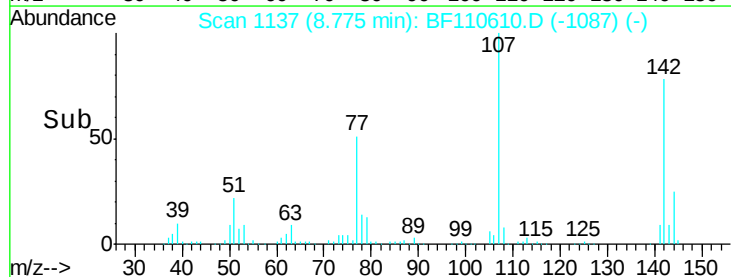
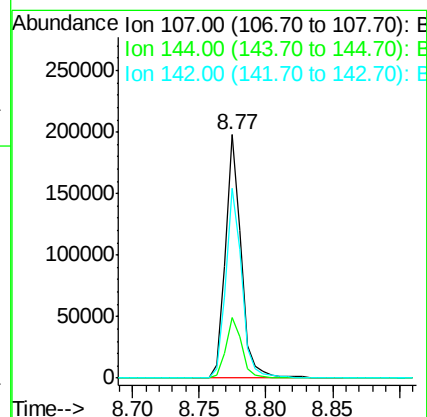
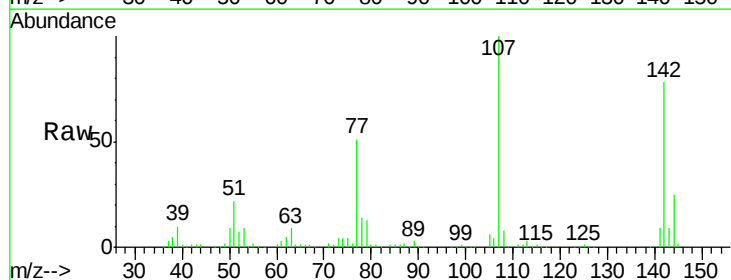
Tgt Ion:107 Resp: 167080

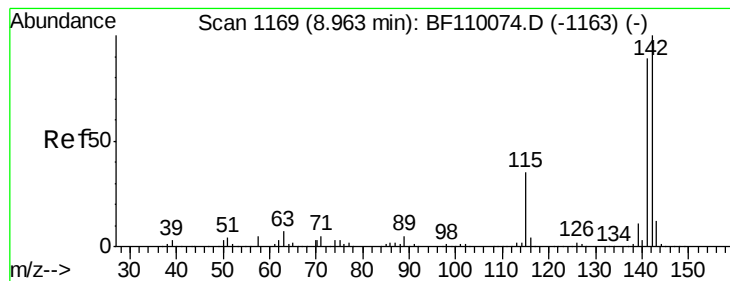
Ion Ratio Lower Upper

107 100

144 24.7 20.0 30.0

142 77.8 59.7 89.5





#37

2-Methylnaphthalene

Concen: 38.78 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

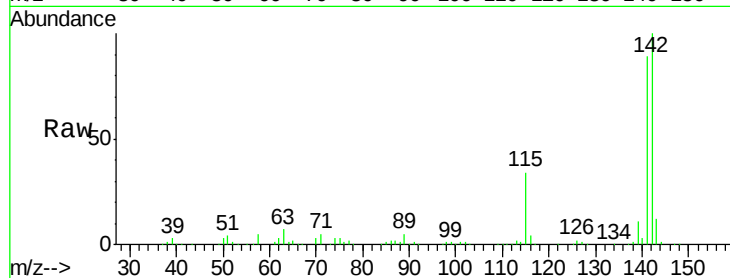
Tot Ion:142 Resp: 346950

Ion Ratio Lower Upper

142 100

141 89.2 71.4 107.2

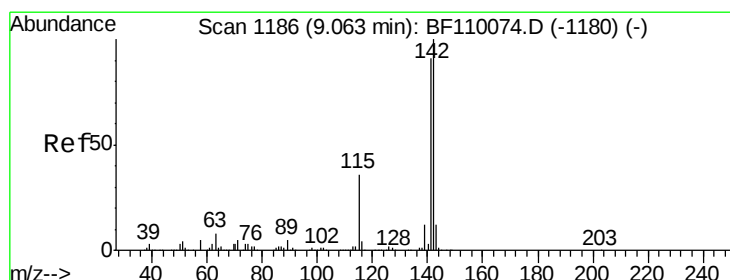
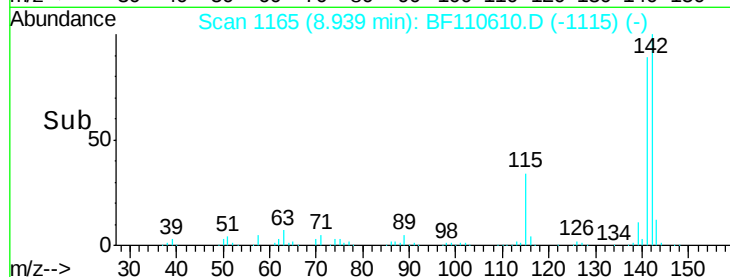
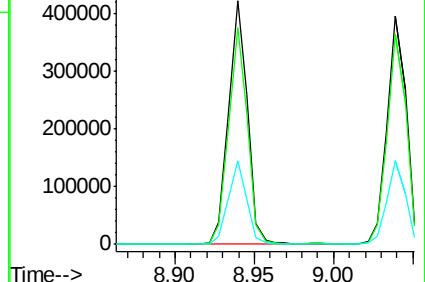
115 34.5 28.7 43.1



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

1-Methylnaphthalene

Concen: 38.32 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

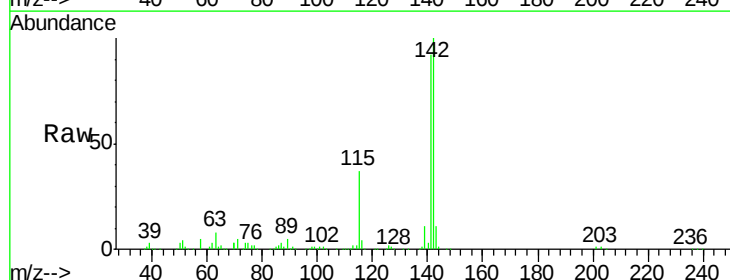
Tgt Ion:142 Resp: 329759

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4

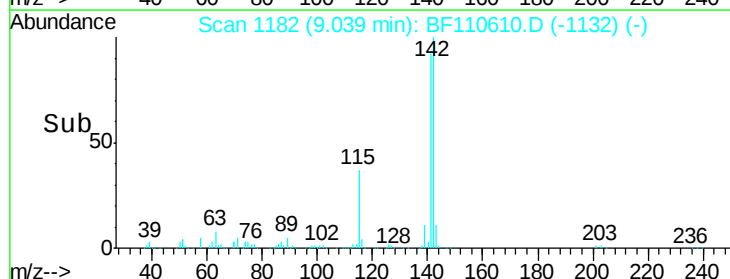
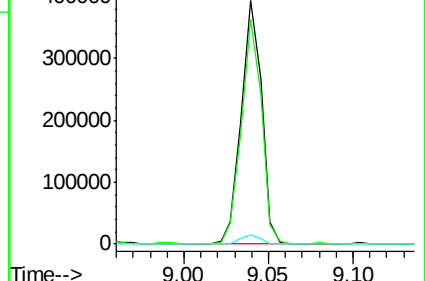
116 3.7 2.6 4.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

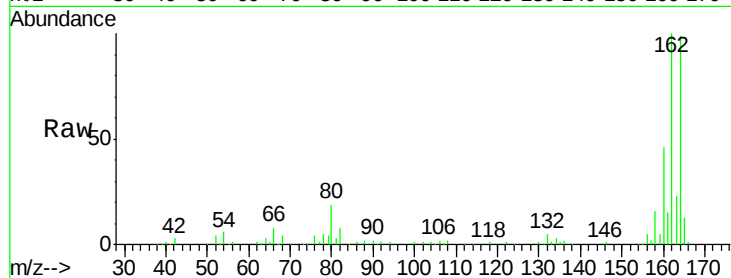
Tot Ion:164 Resp: 118885

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

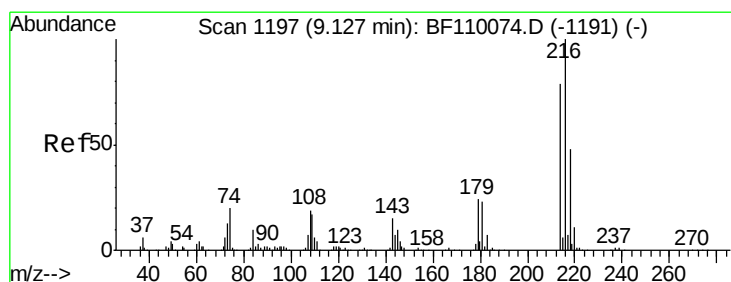
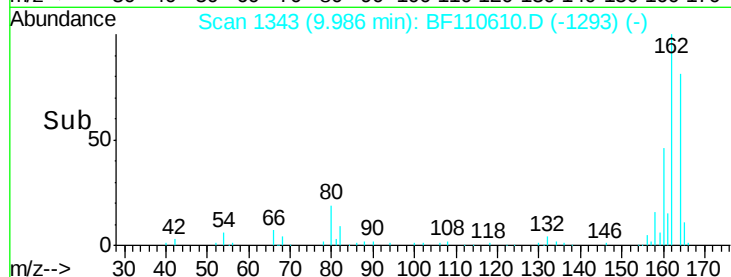
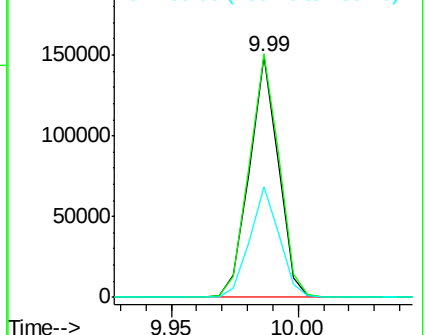
160 46.0 37.0 55.6



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.48 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Tgt Ion:216 Resp: 167387

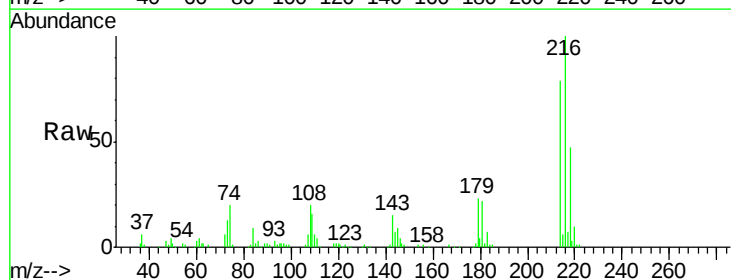
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 22.6 16.6 25.0

108 18.1 15.1 22.7

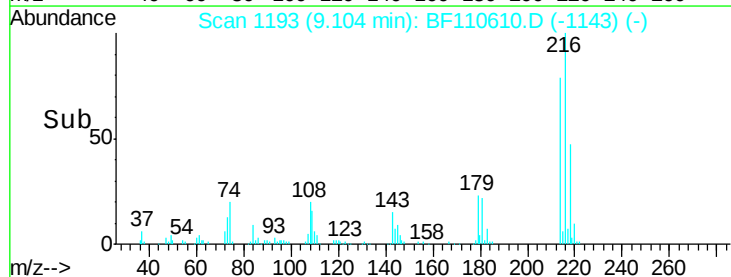
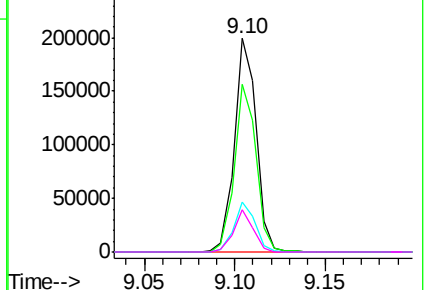


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 12.97 ng

RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

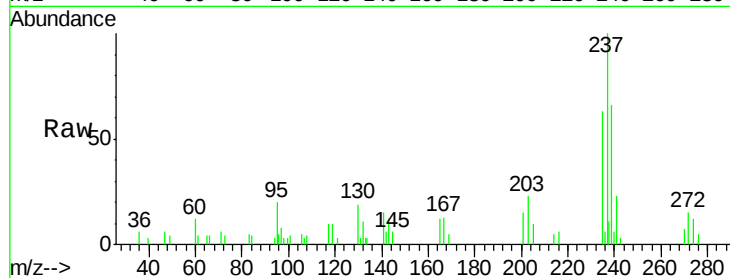
Tot Ion:237 Resp: 8675

Ion Ratio Lower Upper

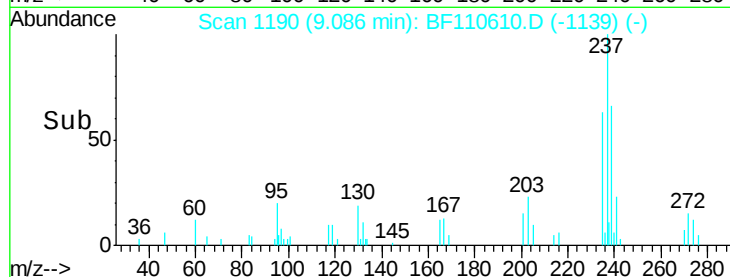
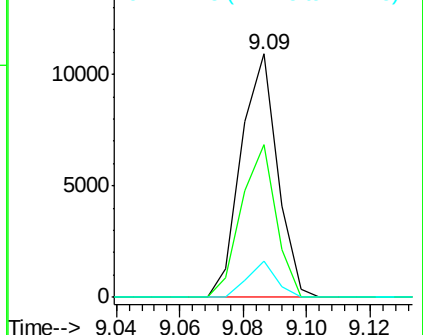
237 100

235 62.8 43.1 83.1

272 15.1 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 65.83 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

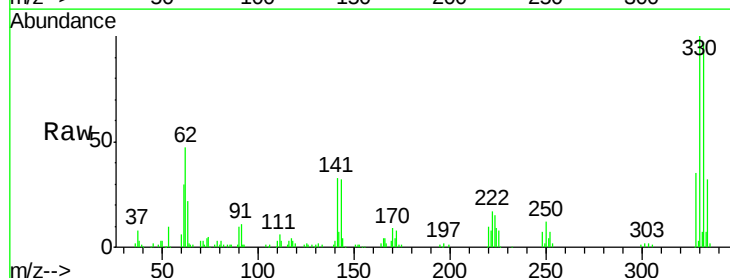
Tgt Ion:330 Resp: 78855

Ion Ratio Lower Upper

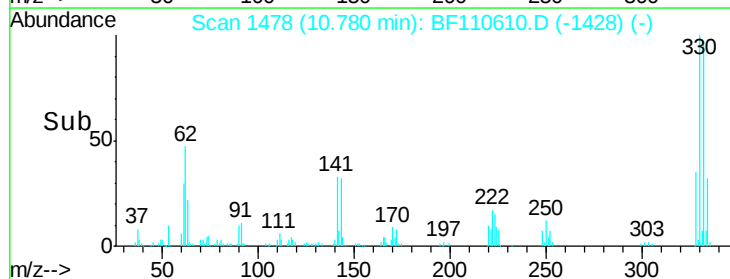
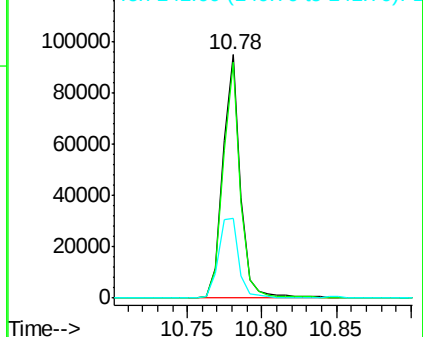
330 100

332 95.5 77.1 115.7

141 38.0 27.0 40.4



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

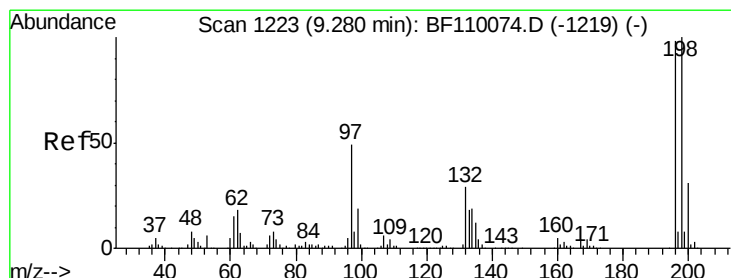
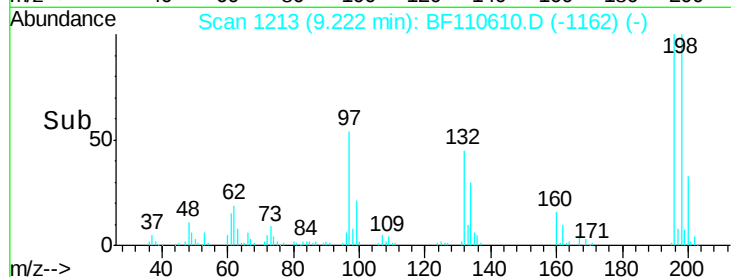
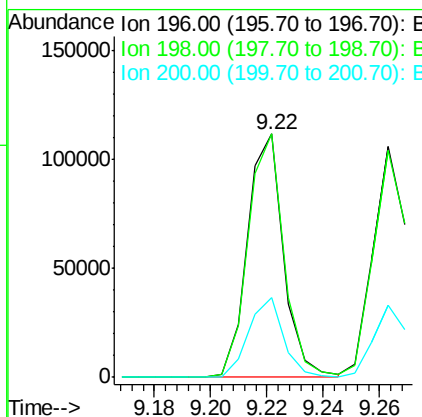
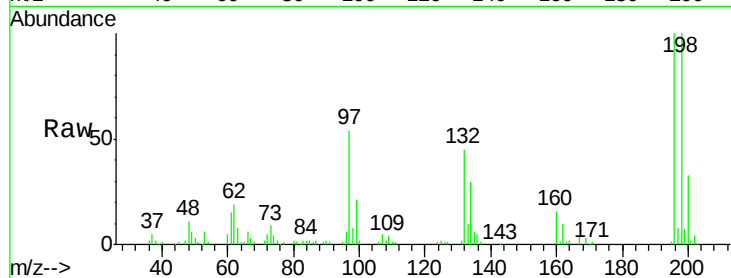




#43
 2,4,6-Trichlorophenol
 Concen: 41.72 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

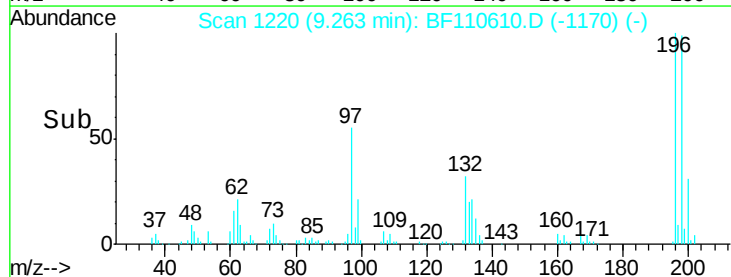
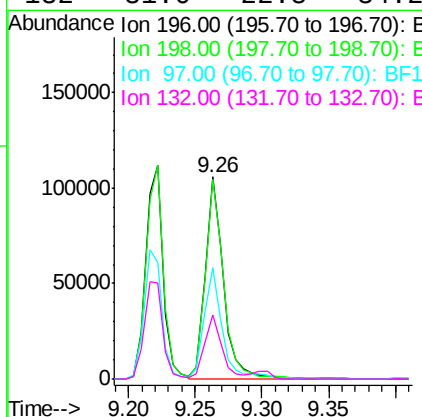
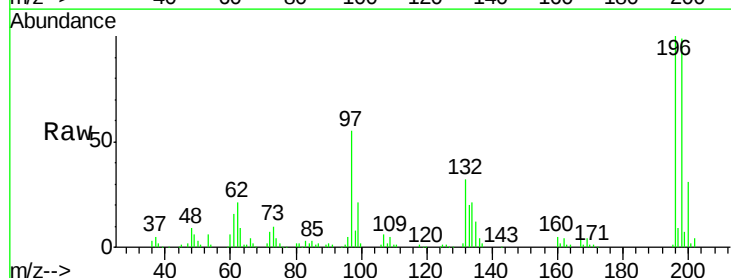
Instrument :
 BNA_F
 ClientSampled :

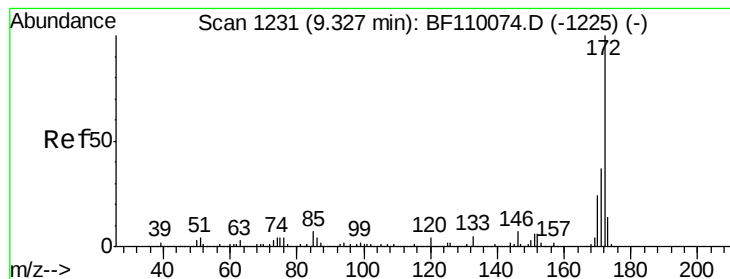
Tot Ion:196 Resp: 98668
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.2 114.4
 200 32.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 40.23 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion:196 Resp: 101483
 Ion Ratio Lower Upper
 196 100
 198 98.7 75.8 113.6
 97 55.0 42.4 63.6
 132 31.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 88.16 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

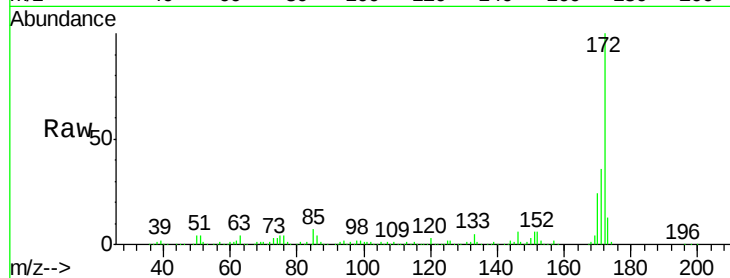
Tot Ion:172 Resp: 733905

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

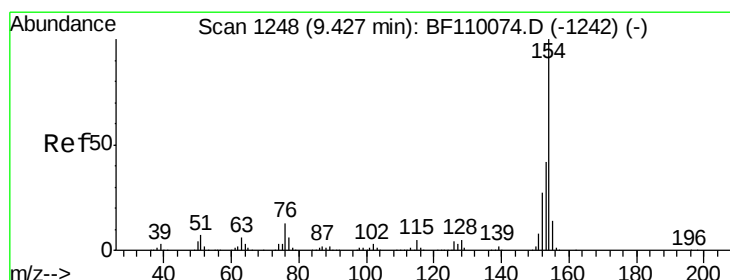
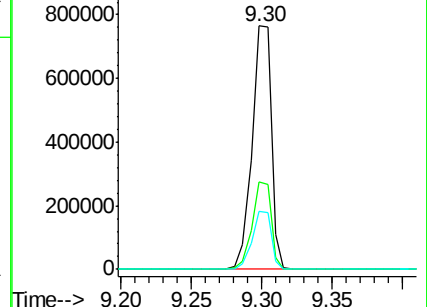
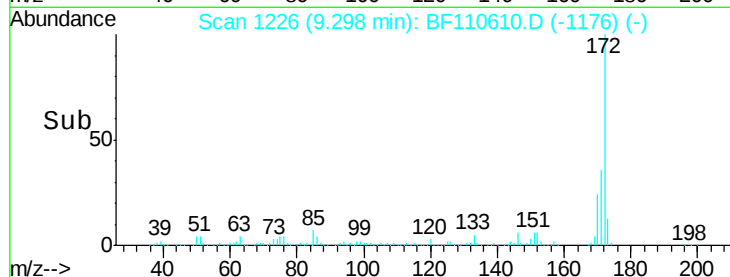
170 23.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.55 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

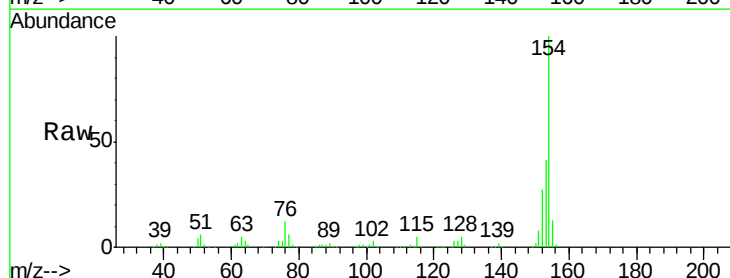
Tgt Ion:154 Resp: 482974

Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

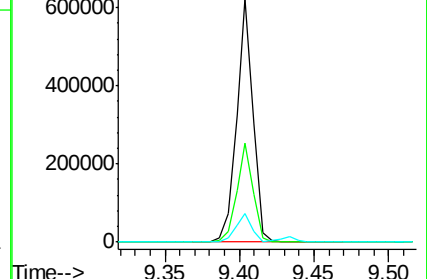
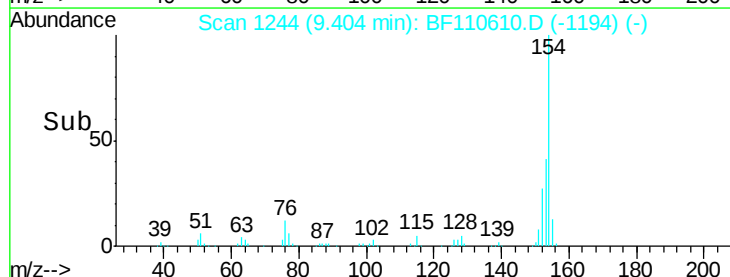
76 11.7 0.0 31.9

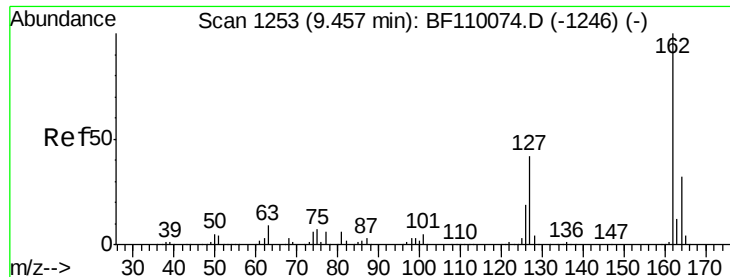


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

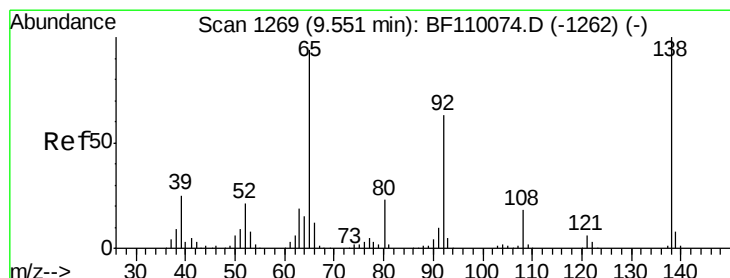
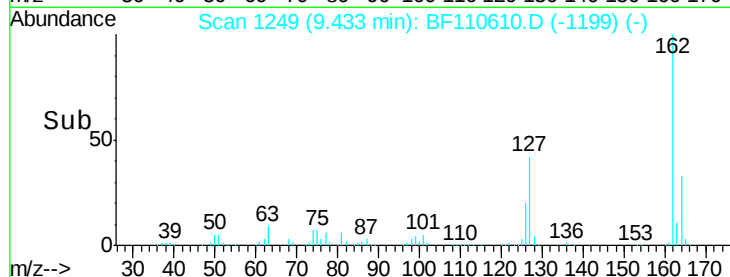
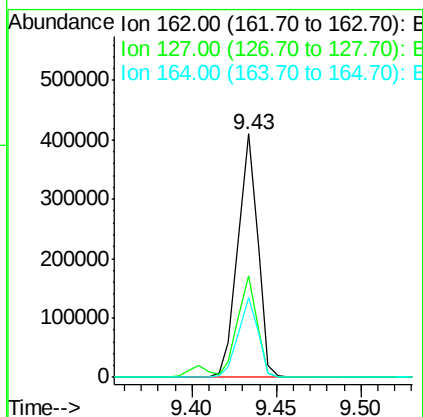
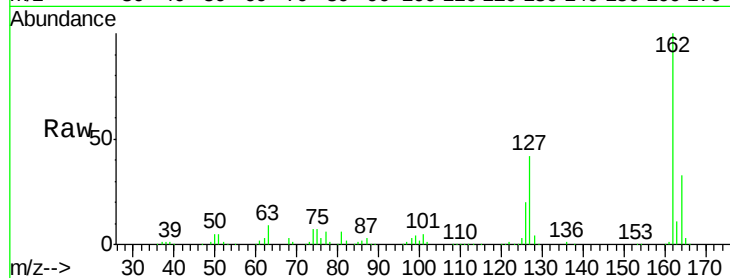




#47
 2-Chloronaphthalene
 Concen: 42.13 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

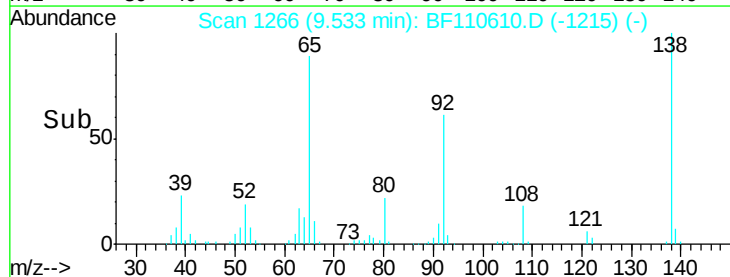
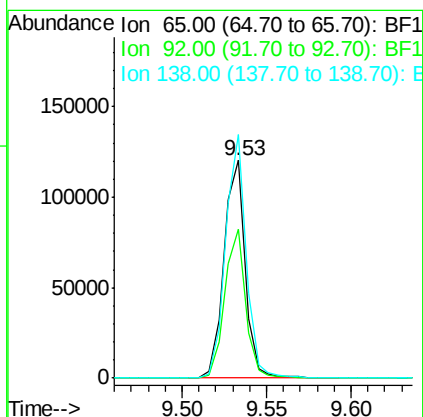
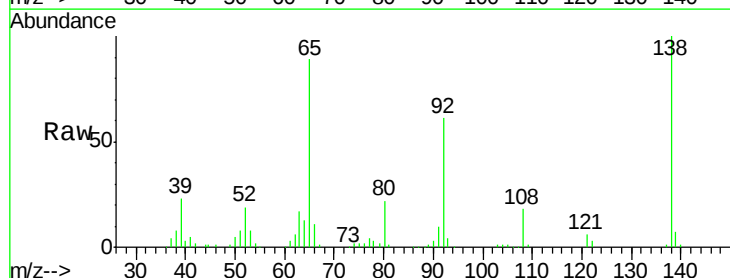
Instrument :
 BNA_F
 ClientSampleId :

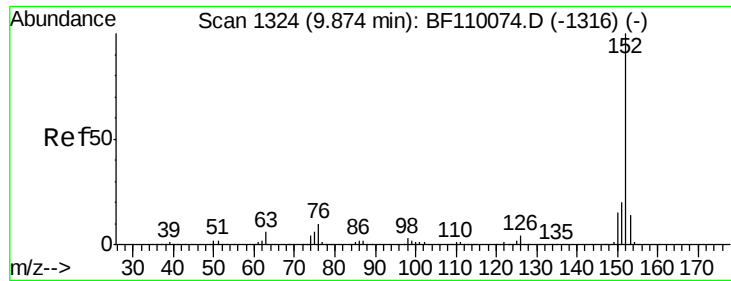
Tot Ion:162 Resp: 336610
 Ion Ratio Lower Upper
 162 100
 127 41.8 32.6 48.8
 164 32.9 25.9 38.9



#48
 2-Nitroaniline
 Concen: 42.80 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion: 65 Resp: 105374
 Ion Ratio Lower Upper
 65 100
 92 68.6 54.6 81.8
 138 111.9 80.3 120.5





#49

Acenaphthylene

Concen: 40.85 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

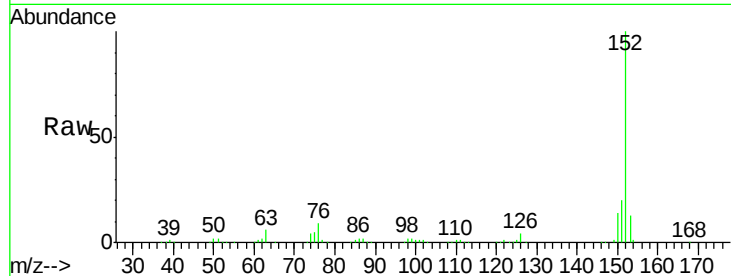
Tot Ion:152 Resp: 469996

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

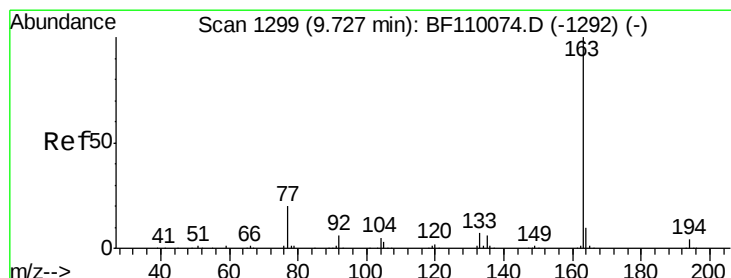
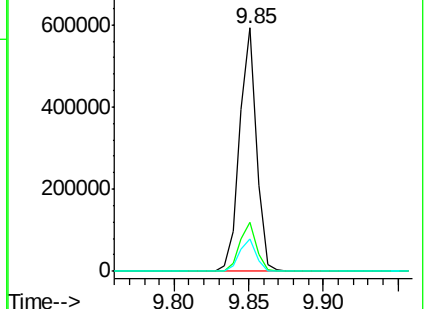
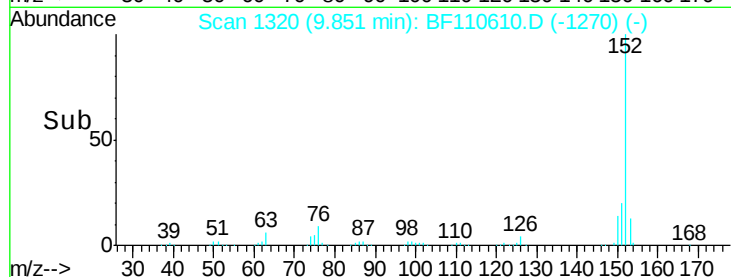
153 13.4 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.10 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

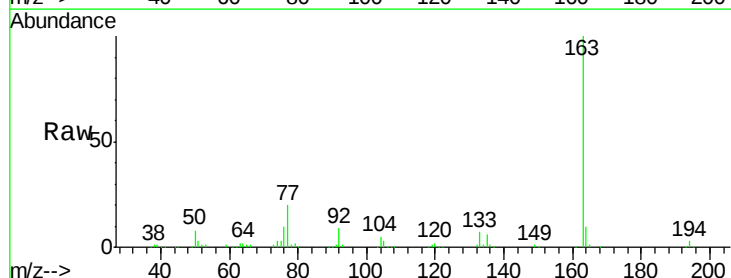
Tgt Ion:163 Resp: 382315

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

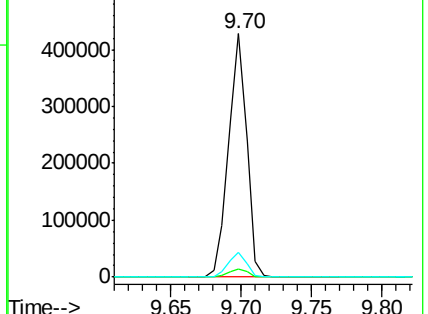
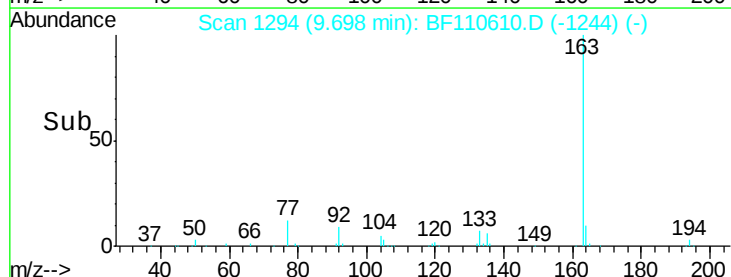
164 10.0 8.1 12.1

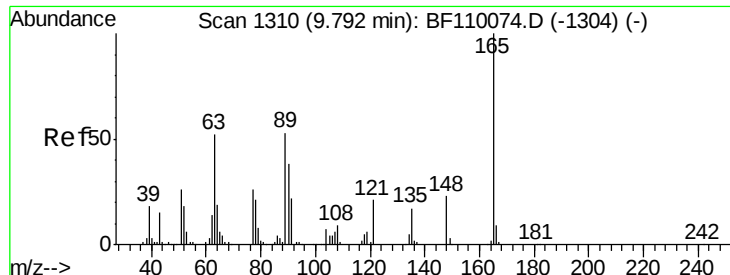


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

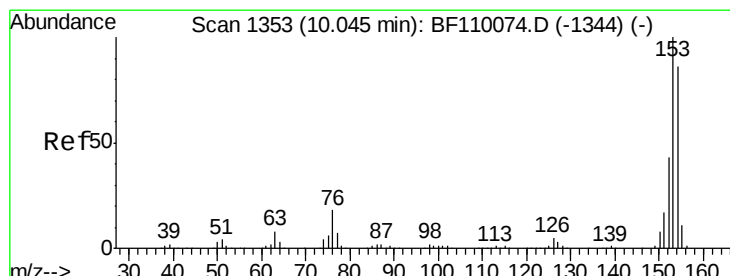
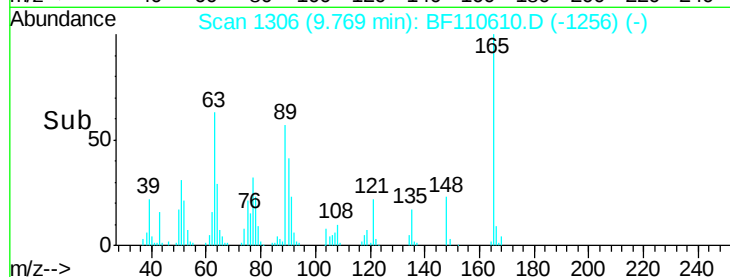
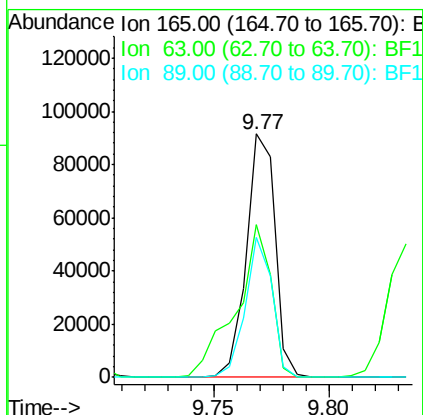
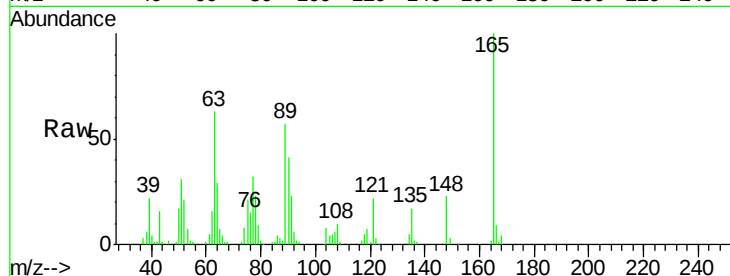




#51
 2,6-Dinitrotoluene
 Concen: 40.88 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

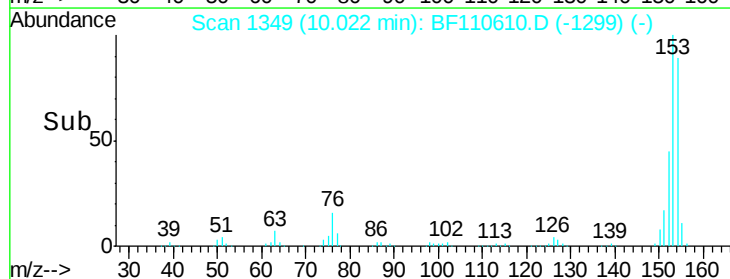
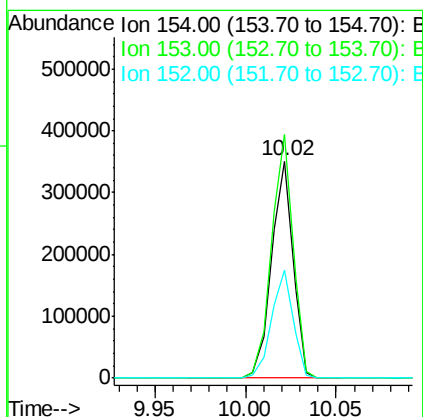
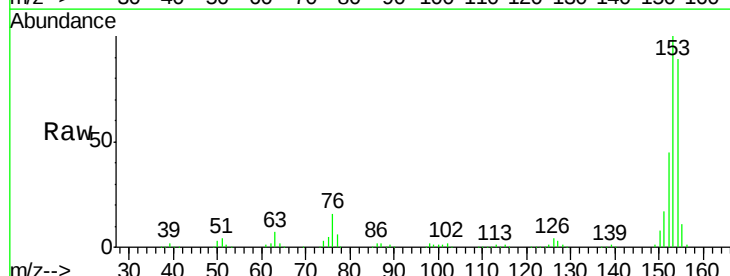
Instrument :
 BNA_F
 ClientSampleId :

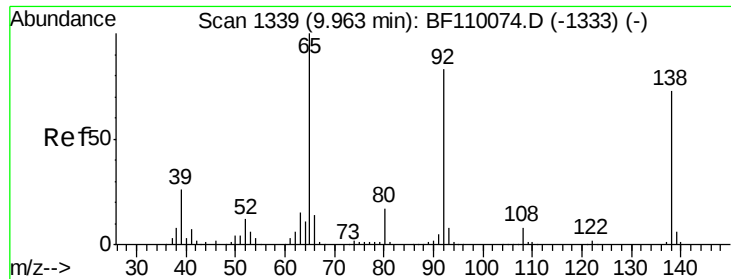
Tot Ion:165 Resp: 79783
 Ion Ratio Lower Upper
 165 100
 63 63.0 48.9 73.3
 89 57.5 46.6 69.8



#52
 Acenaphthene
 Concen: 39.90 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion:154 Resp: 290156
 Ion Ratio Lower Upper
 154 100
 153 112.3 90.1 135.1
 152 50.0 43.4 65.2

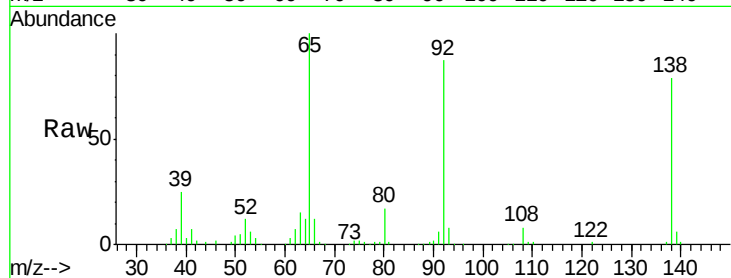




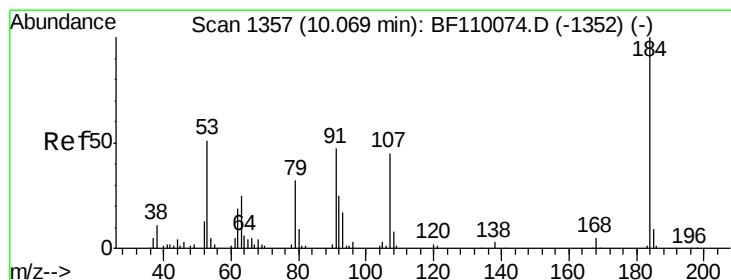
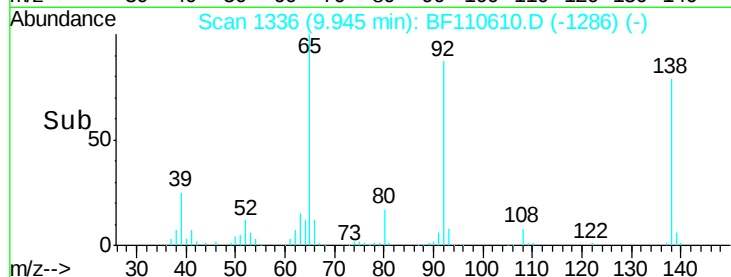
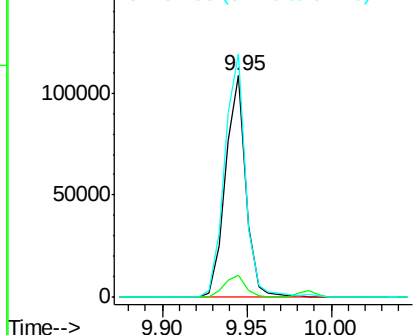
#53
3-Nitroaniline
Concen: 40.35 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 91225
Ion Ratio Lower Upper
138 100
108 10.1 8.7 13.1
92 109.9 97.0 145.4

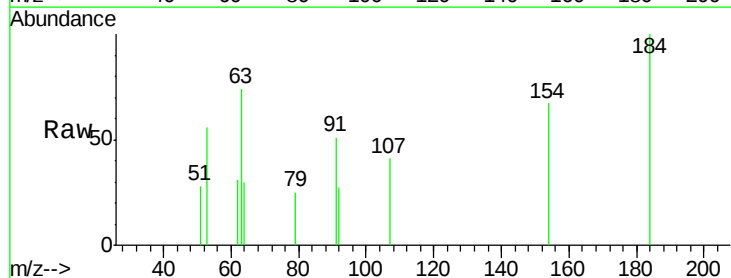


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

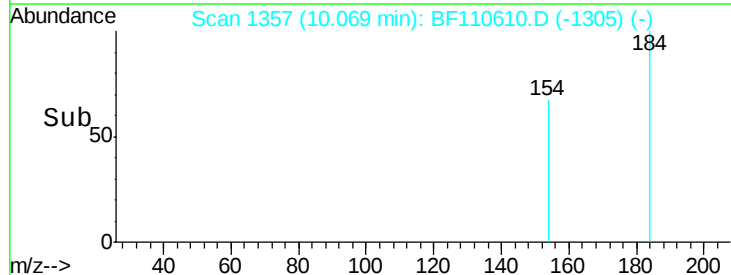
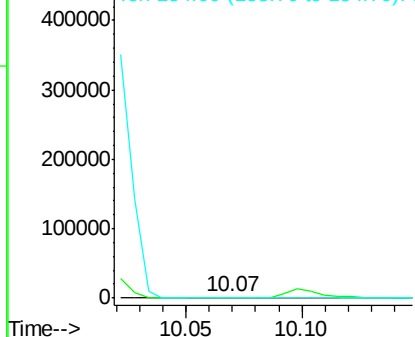


#54
2,4-Dinitrophenol
Concen: 6.93 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:184 Resp: 1842
Ion Ratio Lower Upper
184 100
63 73.9 55.8 83.6
154 67.4 63.2 94.8



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

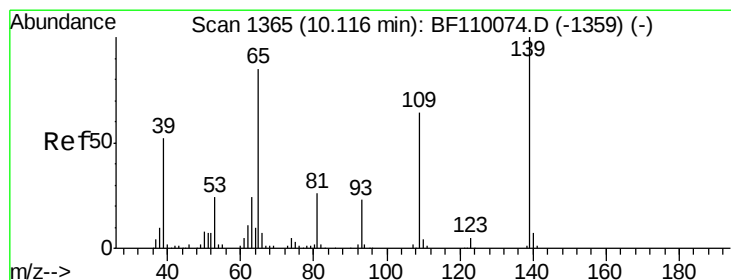
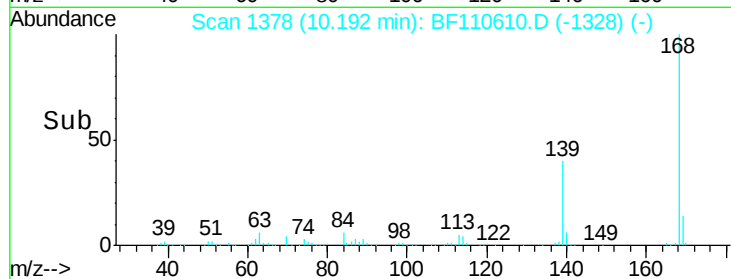
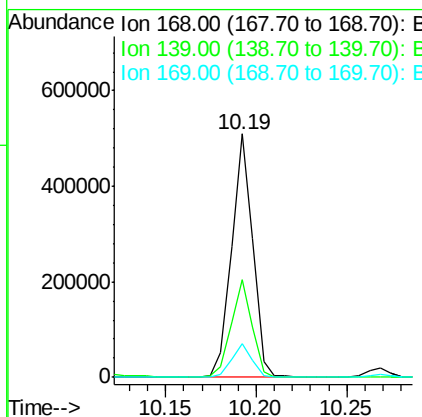
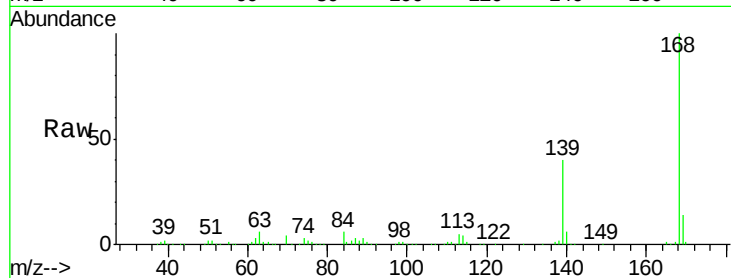




#55
Dibenzenofuran
Concen: 38.92 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

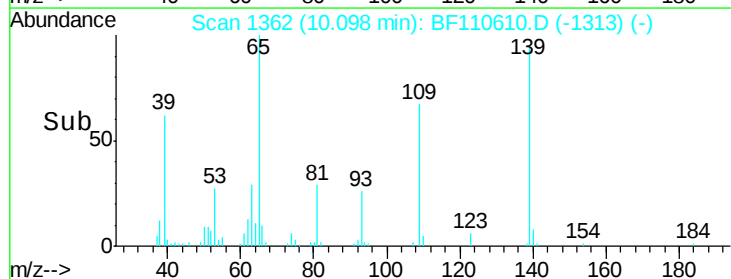
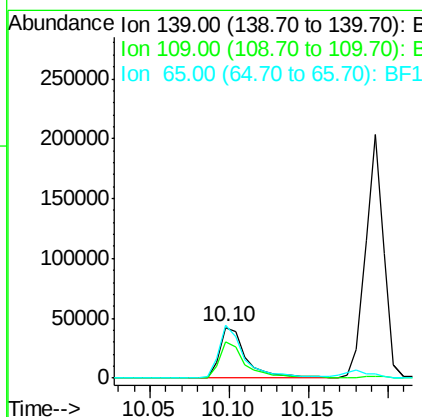
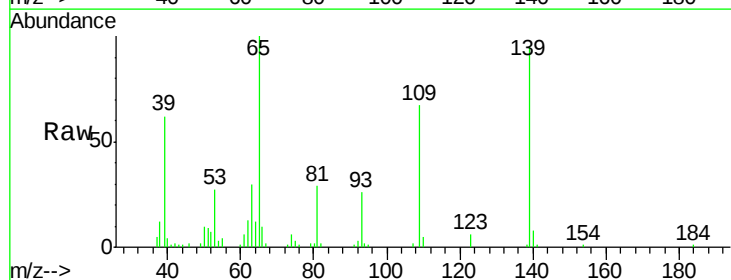
Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 414016
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.6 11.3 16.9



#56
4-Nitrophenol
Concen: 33.52 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:139 Resp: 50273
Ion Ratio Lower Upper
139 100
109 70.2 55.8 95.8
65 105.1 77.9 117.9

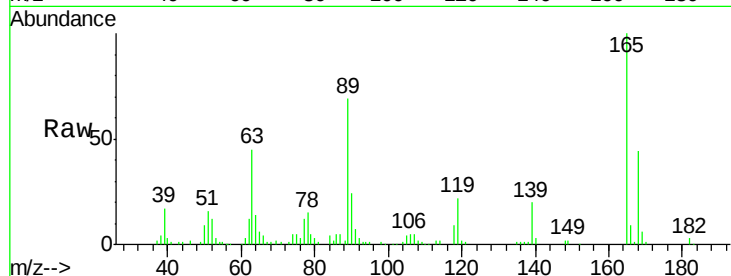




#57
2,4-Dinitrotoluene
Concen: 36.85 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.2	44.8	67.2
89	69.3	62.2	93.4
182	2.7	2.1	3.1

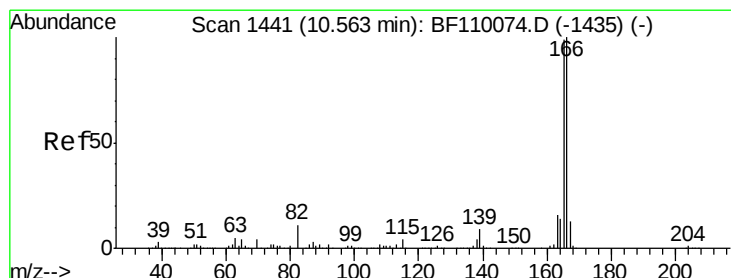
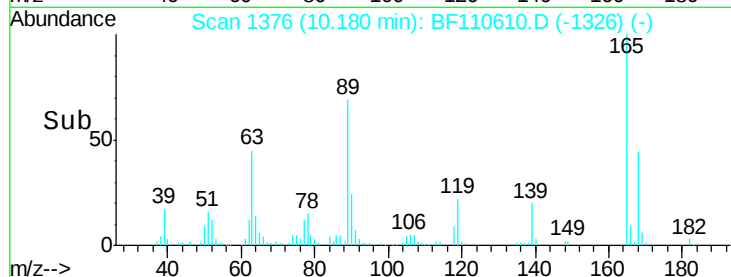
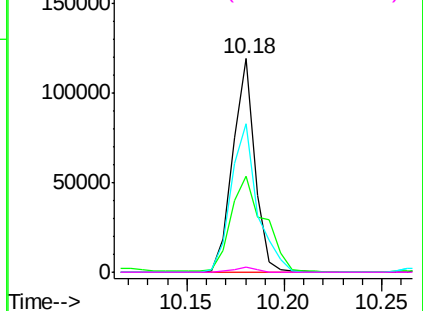


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

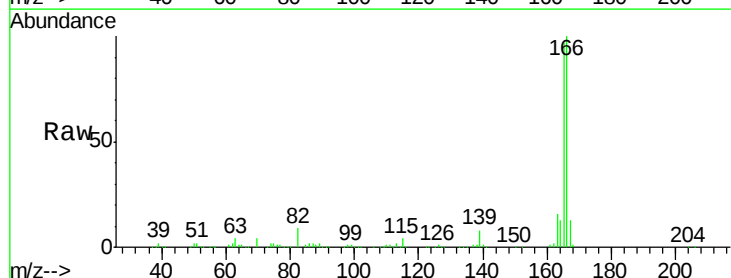
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.63 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

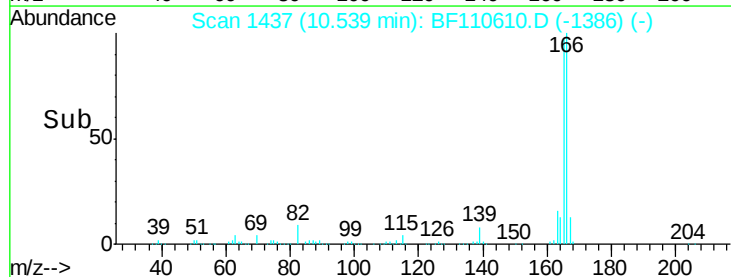
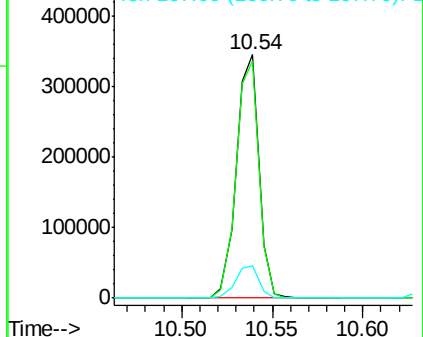
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	117.8
167	13.1	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

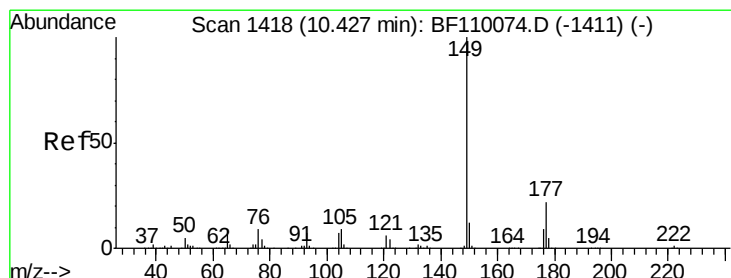
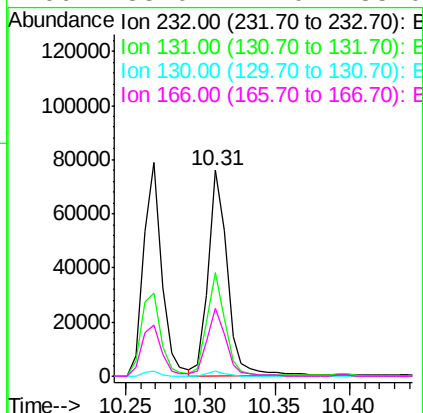
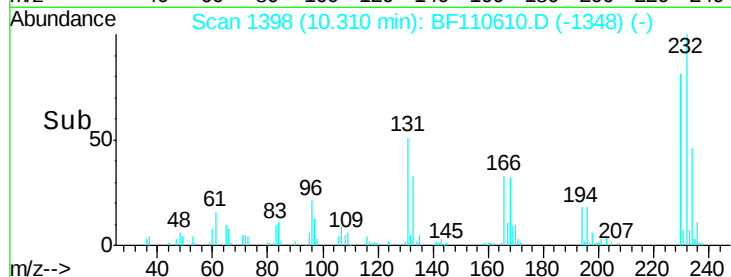
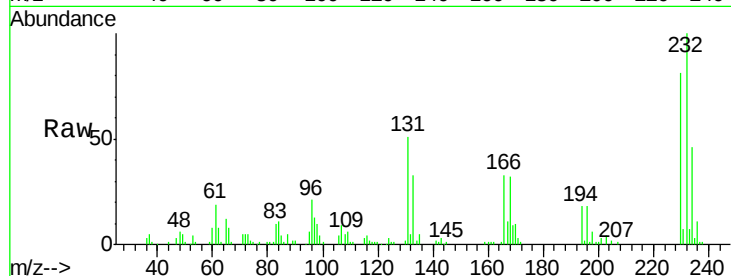




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.84 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

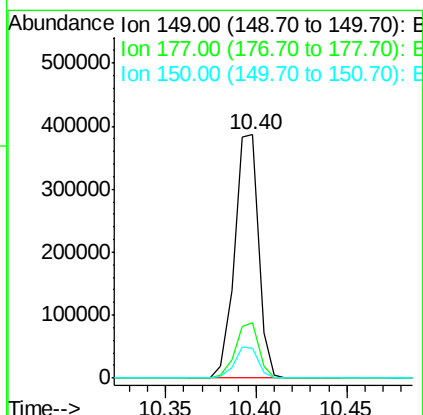
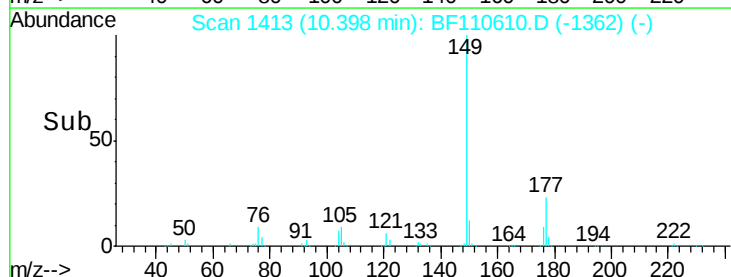
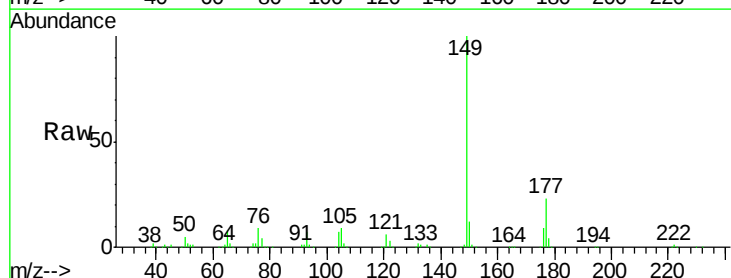
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 67161
 Ion Ratio Lower Upper
 232 100
 131 49.8 37.0 55.4
 130 2.2 1.8 2.6
 166 33.0 22.0 33.0



#60
 Diethylphthalate
 Concen: 40.57 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion:149 Resp: 356080
 Ion Ratio Lower Upper
 149 100
 177 22.8 17.4 26.2
 150 12.3 9.8 14.8

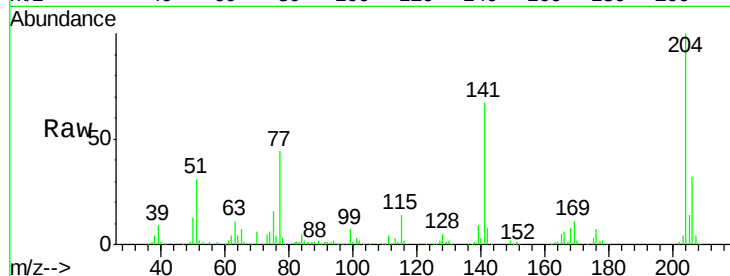




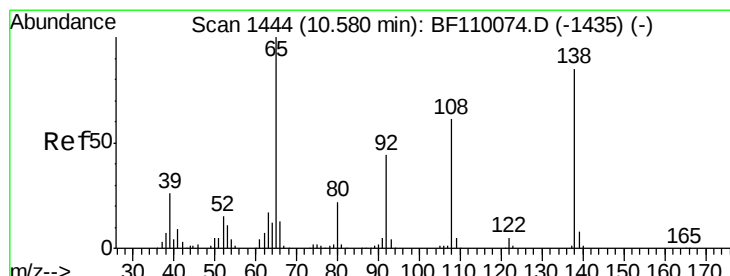
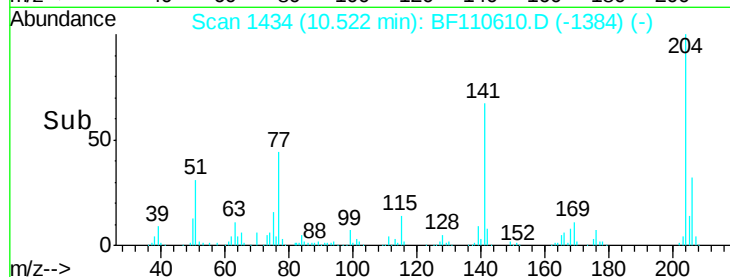
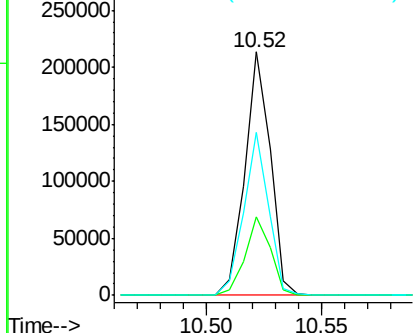
#61
4-Chlorophenyl-phenylether
Concen: 38.98 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 164925
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 67.1 51.8 77.8

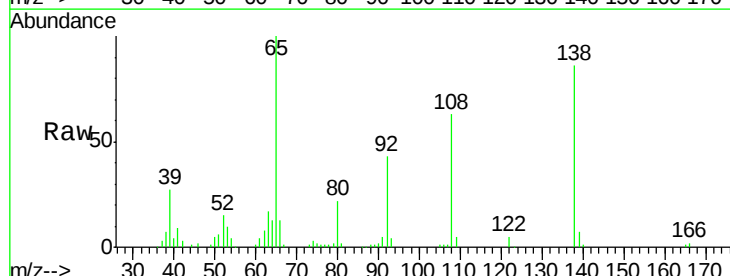


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

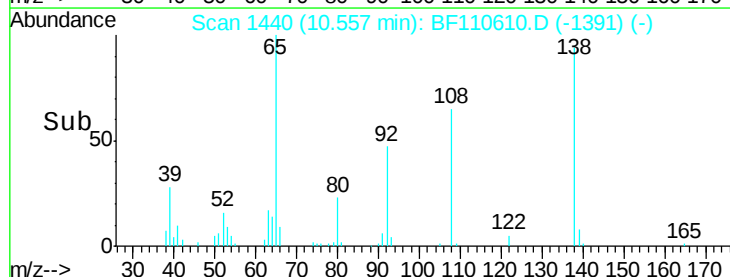
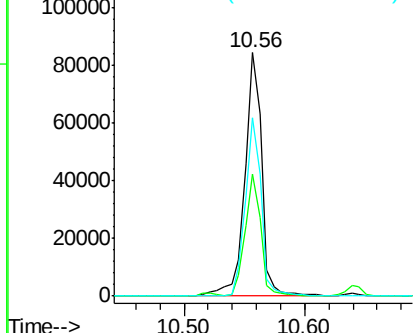


#62
4-Nitroaniline
Concen: 36.52 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:138 Resp: 83147
Ion Ratio Lower Upper
138 100
92 50.1 31.7 71.7
108 73.3 59.3 99.3



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

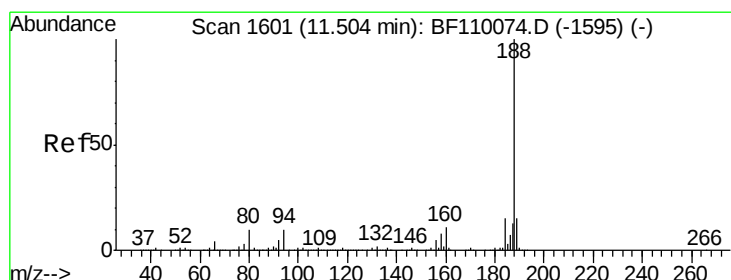
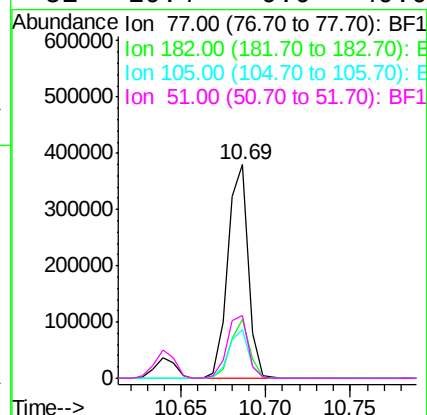
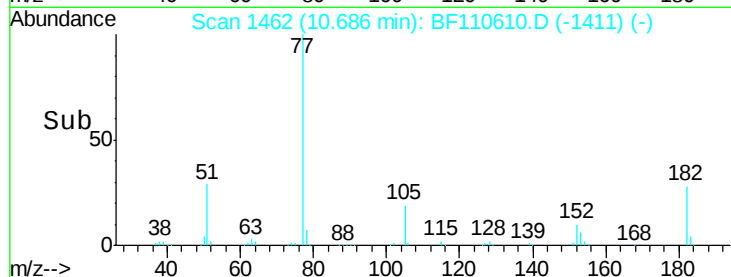
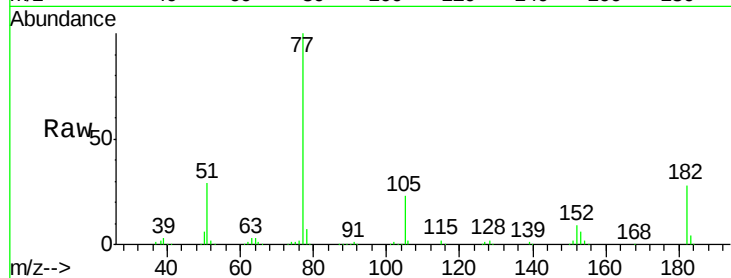




#63
Azobenzene
Concen: 37.18 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

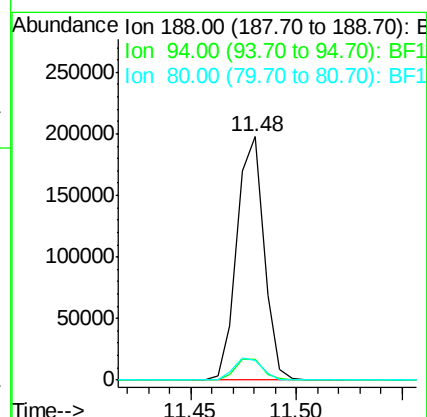
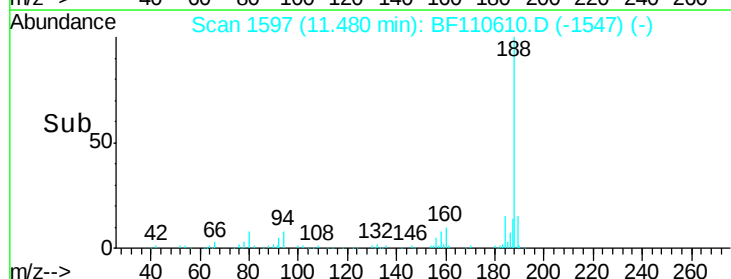
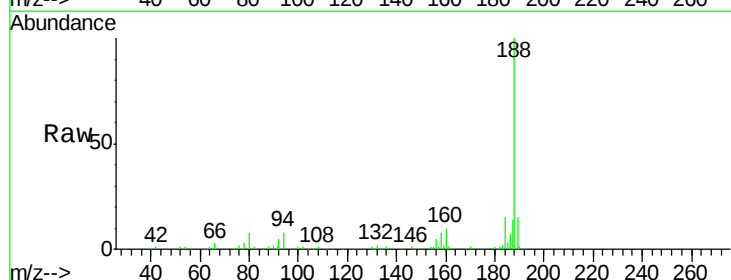
Instrument :
BNA_F
ClientSampleId :

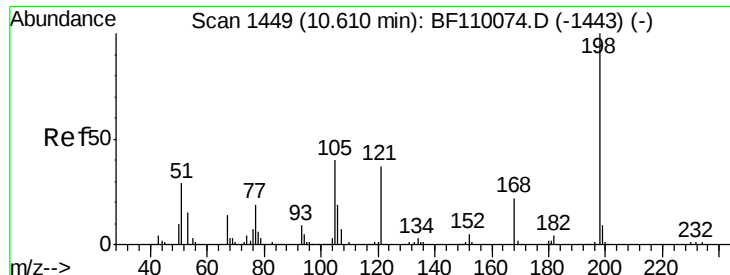
Tot Ion:	77	Resp:	318387
Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.3	44.3
105	22.5	1.3	41.3
51	29.4	9.0	49.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:	188	Resp:	175163
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.2	7.9	11.9

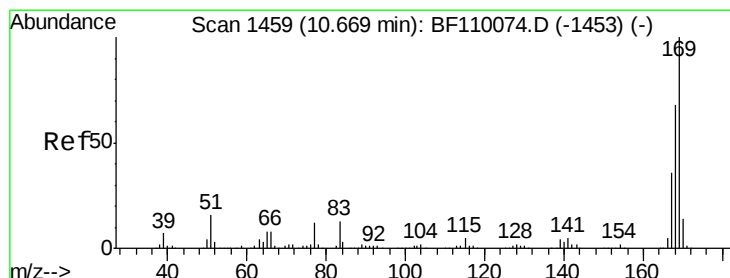
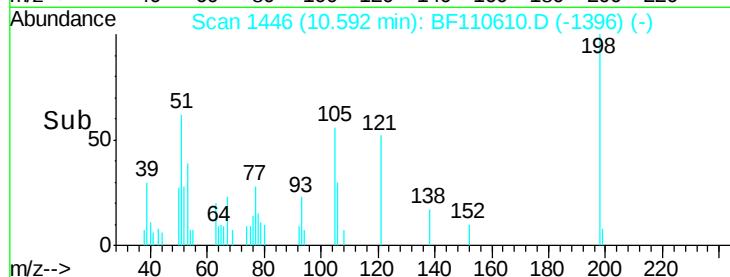
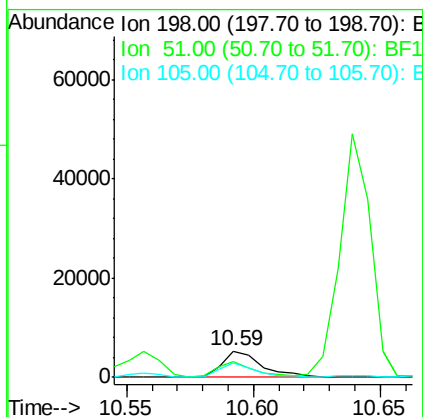
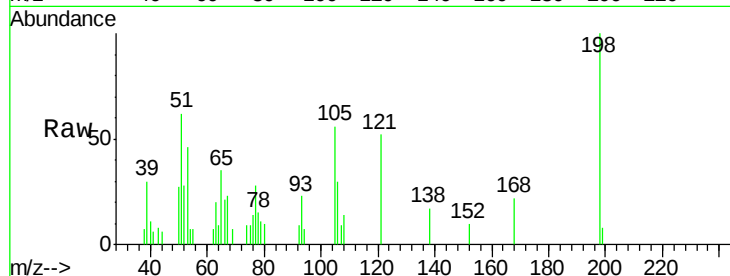




#65
4,6-Dinitro-2-methylphenol
Concen: 6.42 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

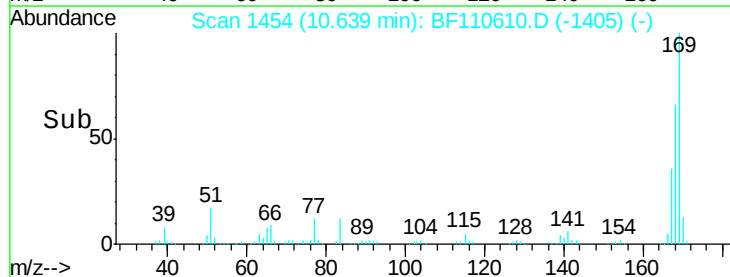
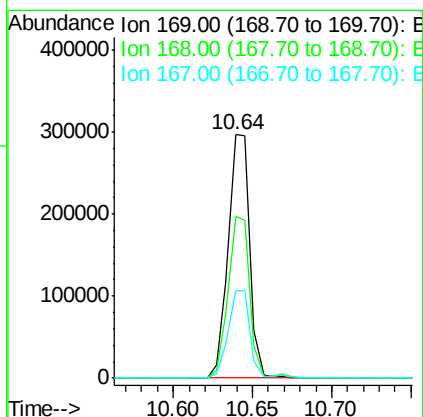
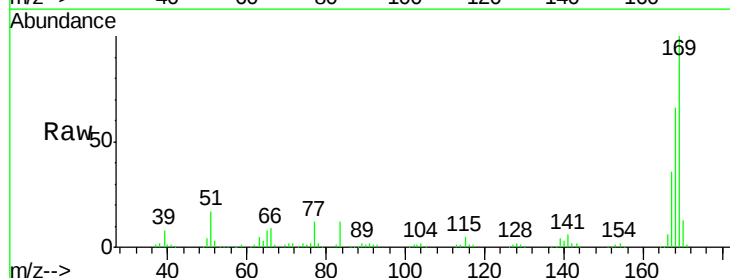
Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 5668
Ion Ratio Lower Upper
198 100
51 61.9 22.8 62.8
105 56.3 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 47.30 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:169 Resp: 279281
Ion Ratio Lower Upper
169 100
168 66.4 51.2 76.8
167 35.7 27.8 41.6

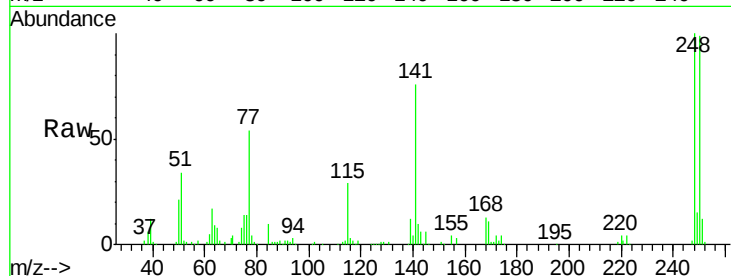




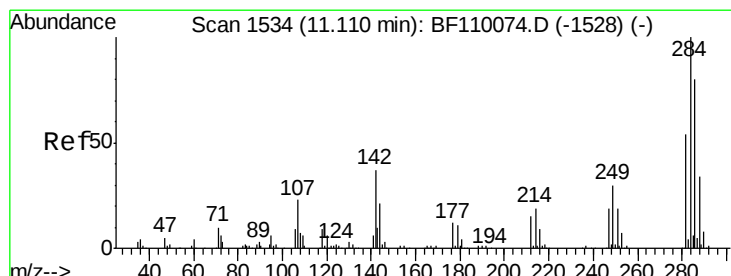
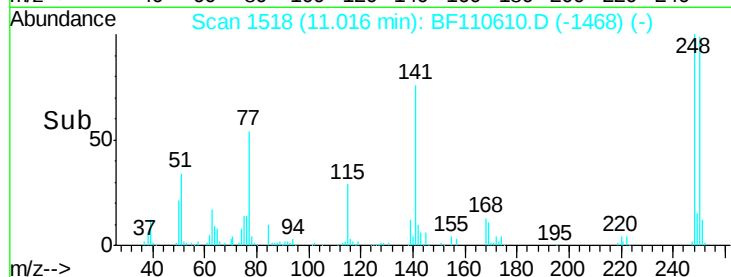
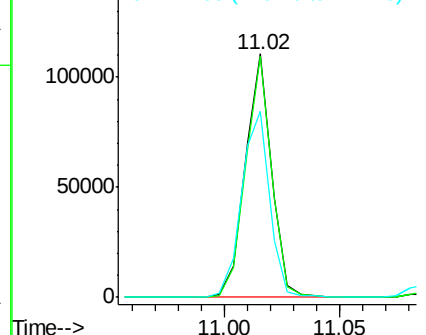
#67
4-Bromophenyl-phenylether
Concen: 45.16 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 87427
Ion Ratio Lower Upper
248 100
250 99.2 79.4 119.2
141 76.3 55.9 83.9

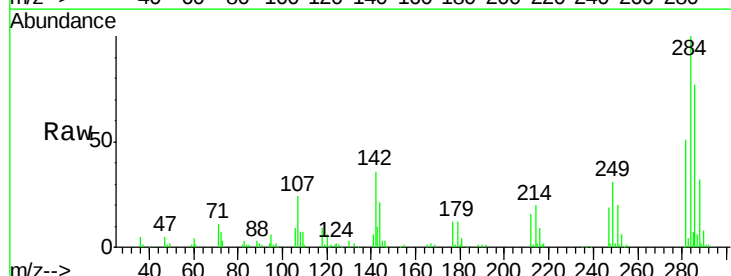


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

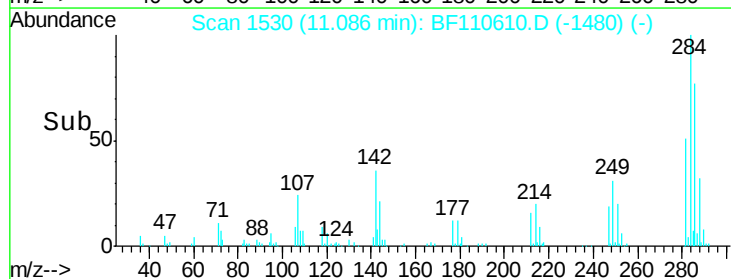
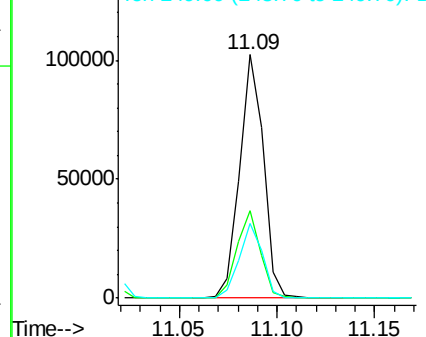


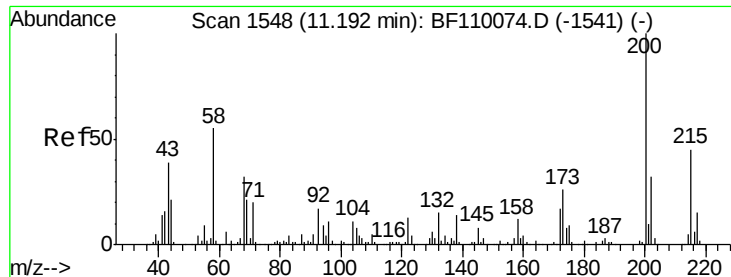
#68
Hexachlorobenzene
Concen: 42.43 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:284 Resp: 86597
Ion Ratio Lower Upper
284 100
142 36.2 23.9 35.9#
249 30.9 24.2 36.2



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

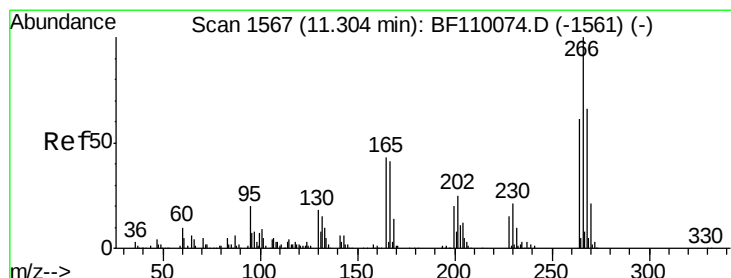
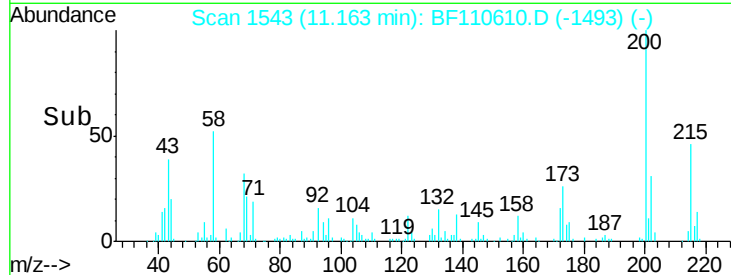
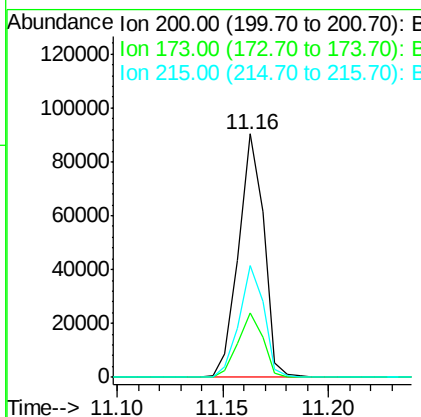
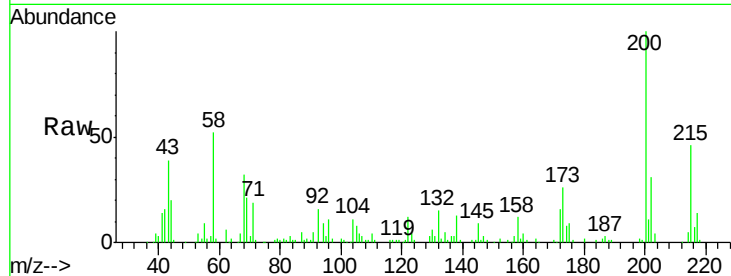




#69
 Atrazine
 Concen: 41.52 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

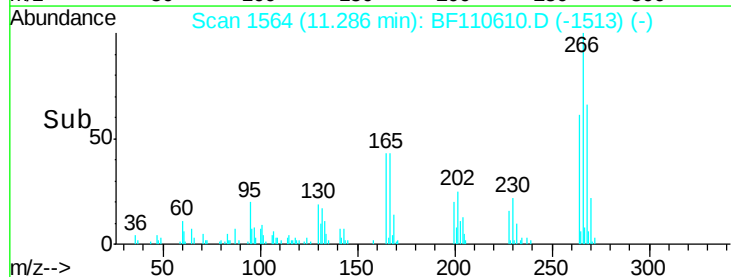
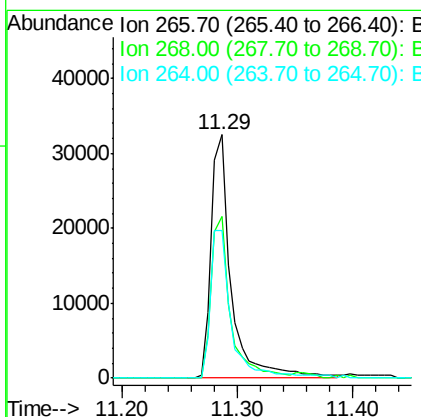
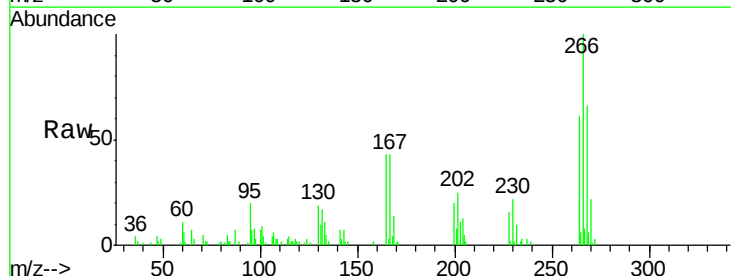
Instrument :
 BNA_F
 ClientSampleId :

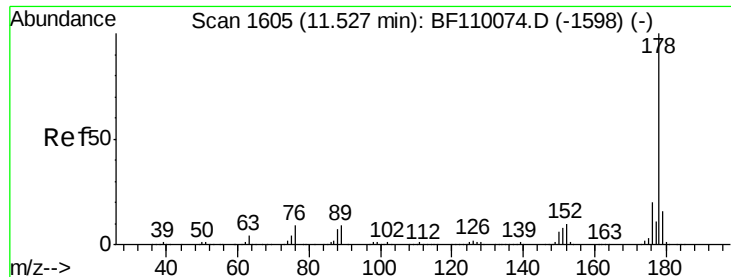
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.6	46.6
215	46.0	26.3	66.3



#70
 Pentachlorophenol
 Concen: 36.27 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	50.6	75.8
264	60.7	50.6	75.8

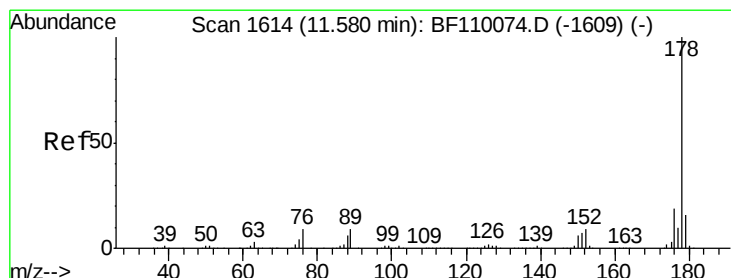
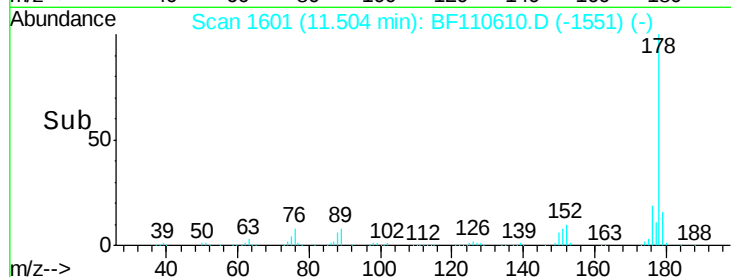
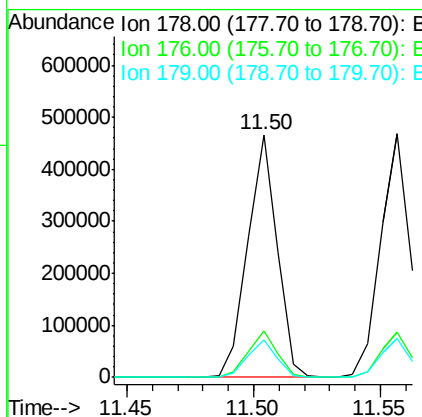
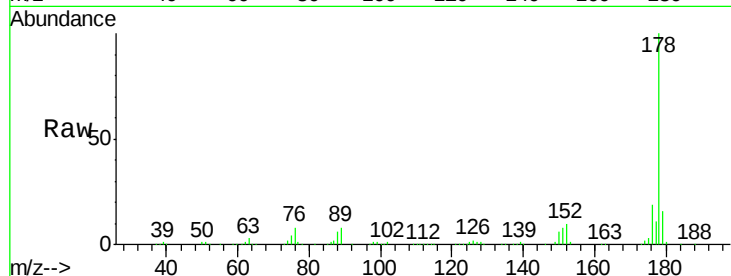




#71
Phenanthrene
Concen: 40.35 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

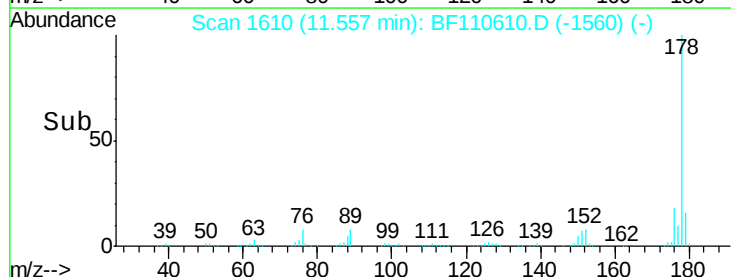
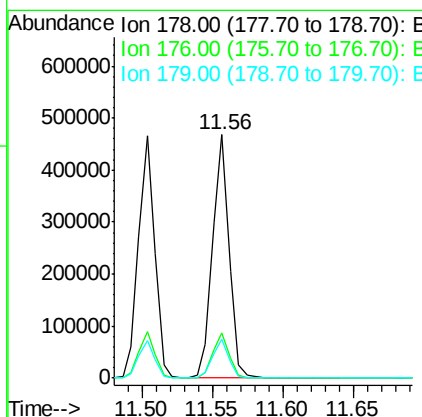
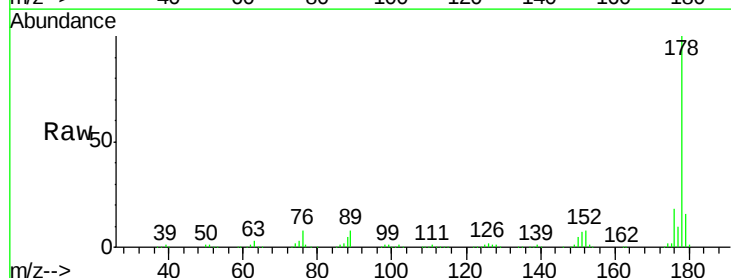
Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 378672
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 40.41 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:178 Resp: 382507
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.2
179 15.8 12.6 18.8

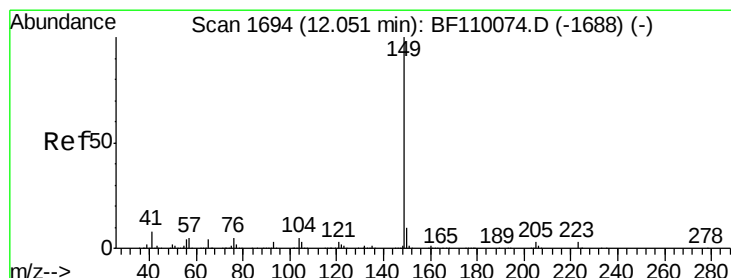
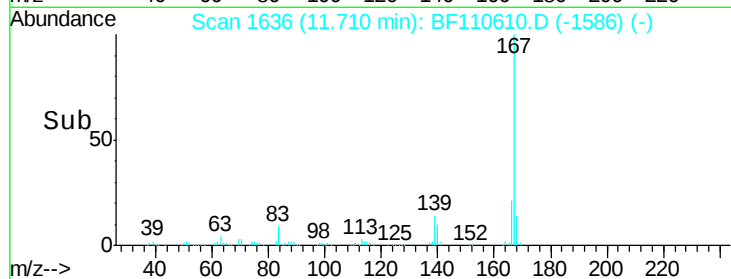
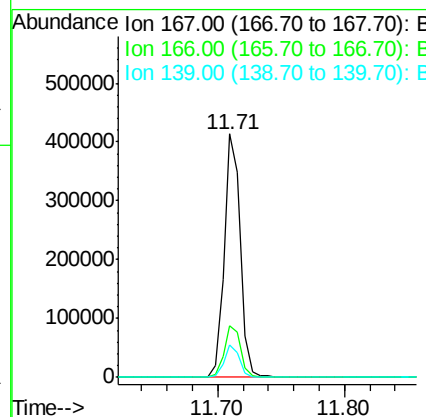
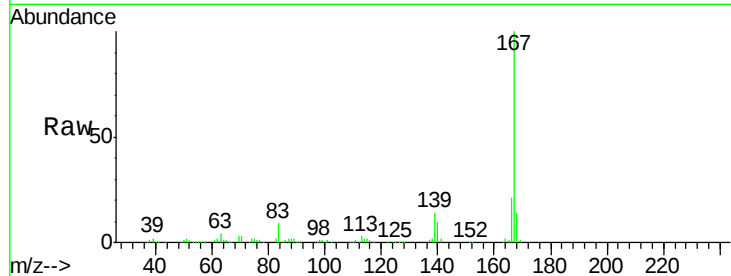




#73
 Carbazole
 Concen: 40.41 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

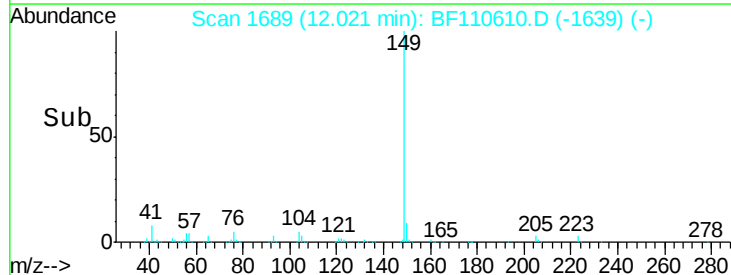
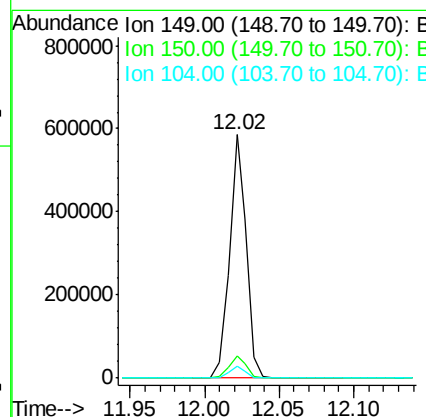
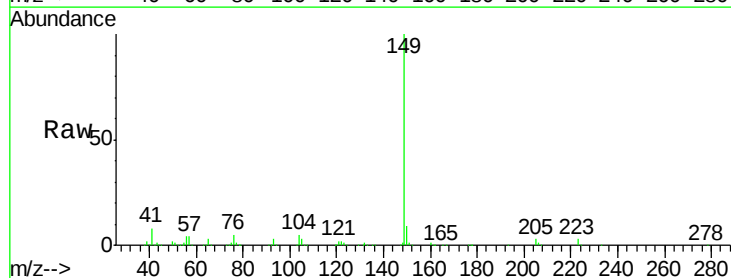
Instrument :
 BNA_F
 ClientSampleId :

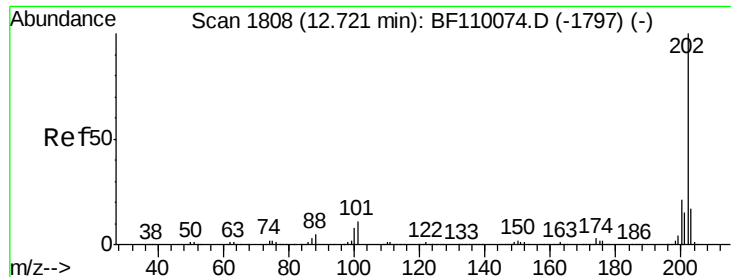
Tot Ion:167 Resp: 367369
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 43.35 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110610.D
 Acq: 9 Nov 2018 3:38

Tgt Ion:149 Resp: 462176
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 39.79 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

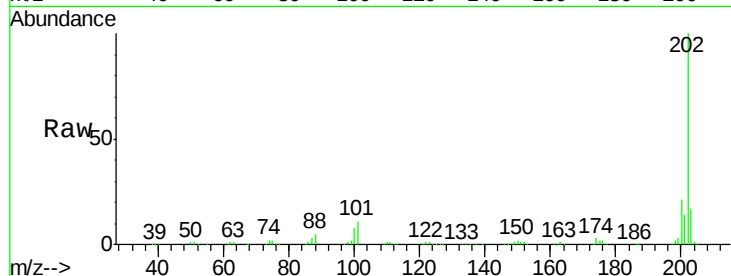
Tot Ion:202 Resp: 374394

Ion Ratio Lower Upper

202 100

101 10.7 0.0 31.4

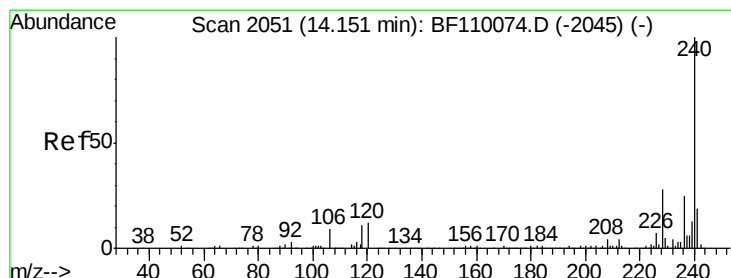
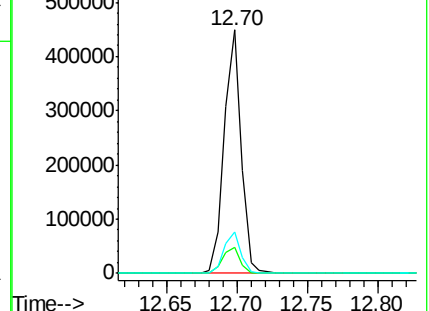
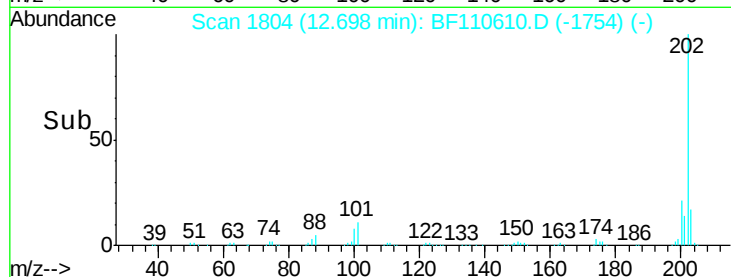
203 17.2 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

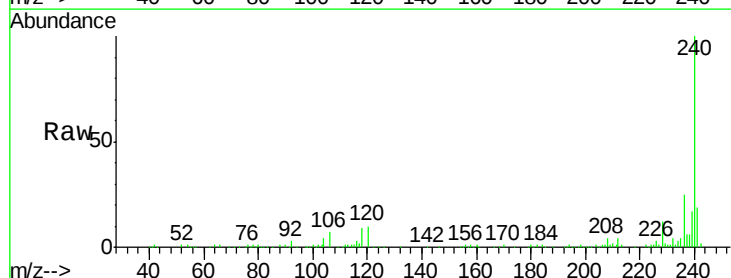
Tgt Ion:240 Resp: 159177

Ion Ratio Lower Upper

240 100

120 9.6 8.3 12.5

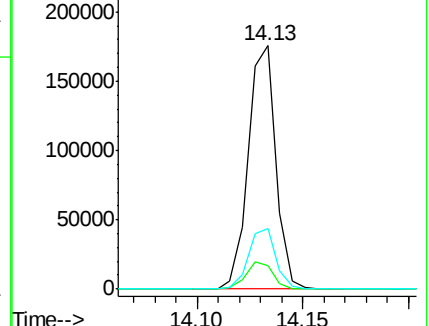
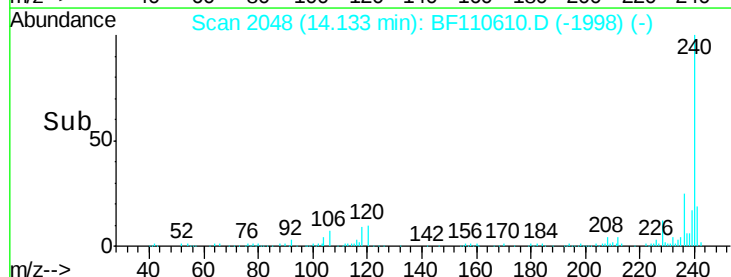
236 25.0 21.2 31.8

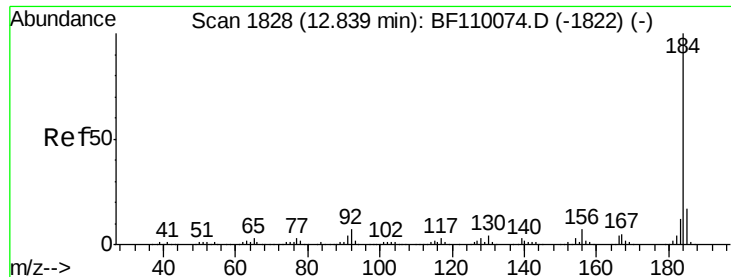


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

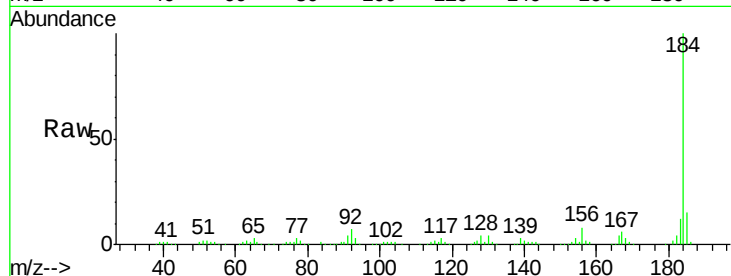




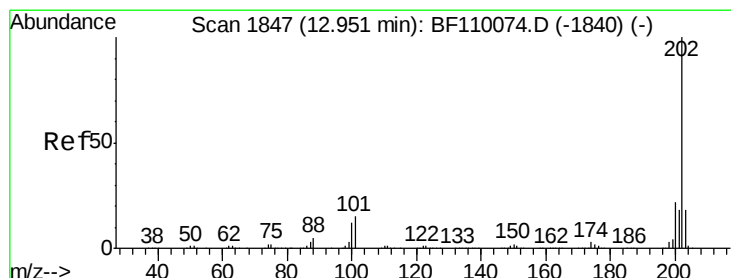
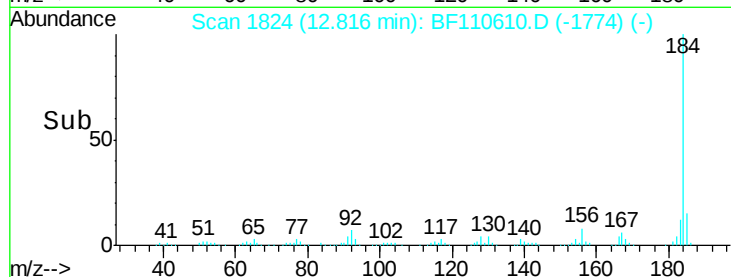
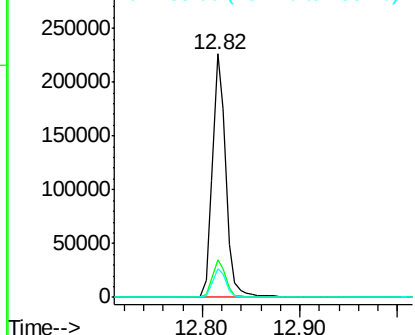
#77
Benzidine
Concen: 49.37 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 216099
Ion Ratio Lower Upper
184 100
185 15.4 13.4 20.2
183 11.9 9.4 14.2

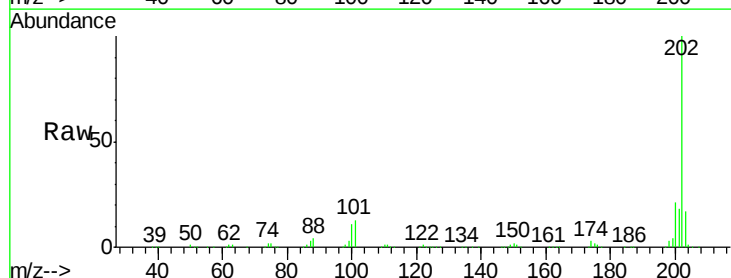


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

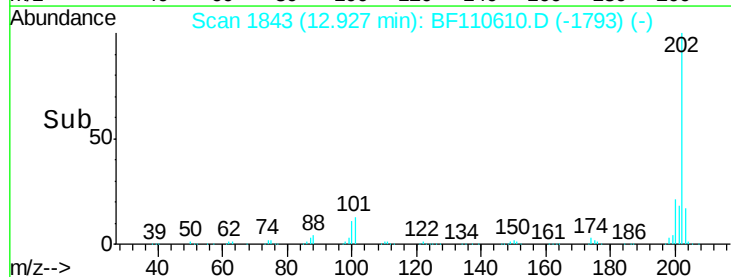
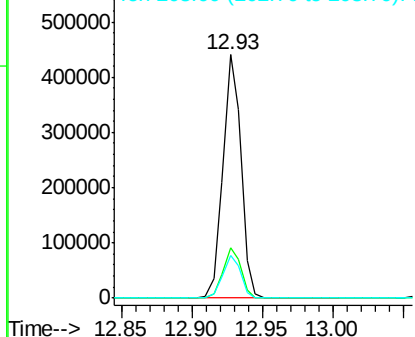


#78
Pyrene
Concen: 32.05 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:202 Resp: 392845
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 17.3 14.2 21.4



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





#79

Terphenyl-d14

Concen: 65.57 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

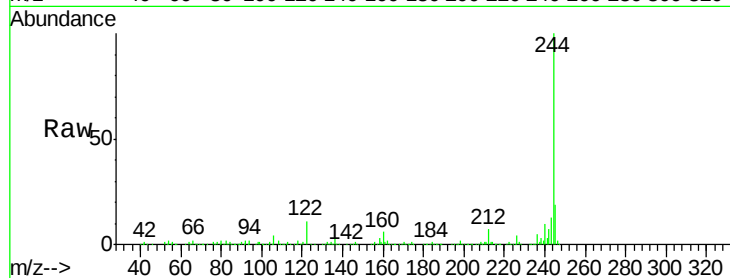
Tot Ion:244 Resp: 557323

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

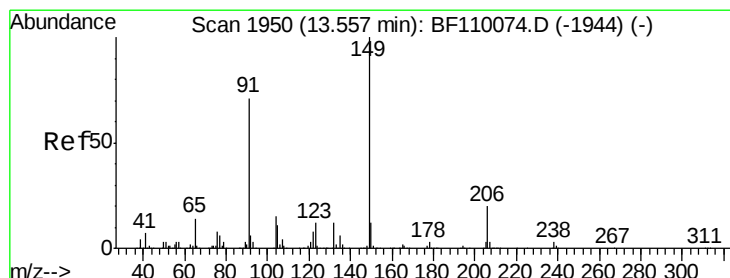
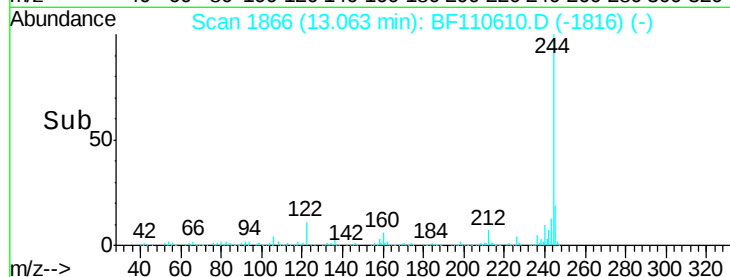
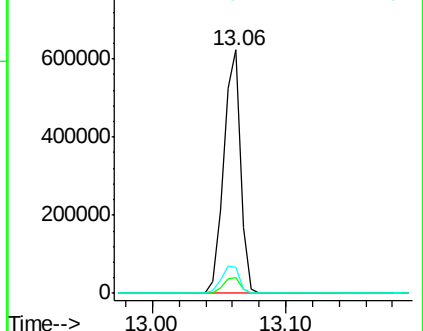
122 10.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.59 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

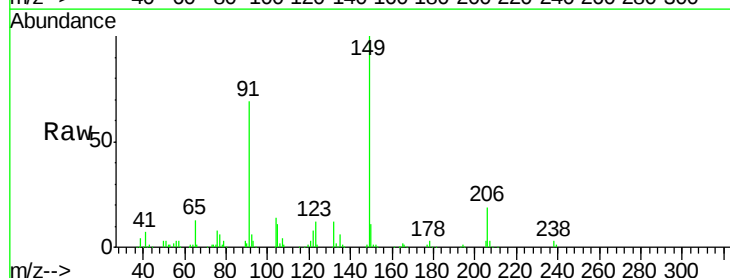
Tgt Ion:149 Resp: 182449

Ion Ratio Lower Upper

149 100

91 68.6 57.2 85.8

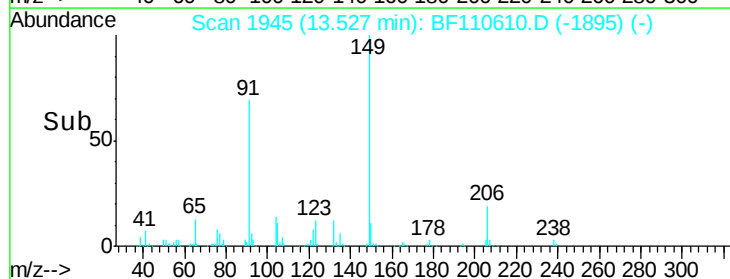
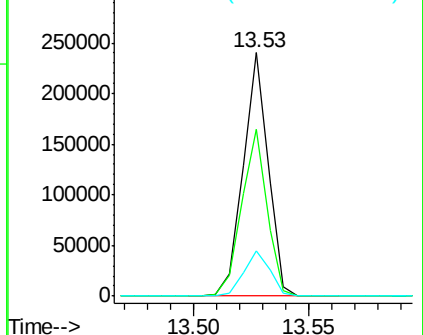
206 18.5 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.13 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF110610.D

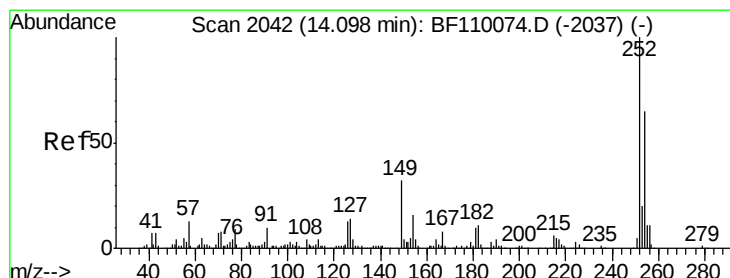
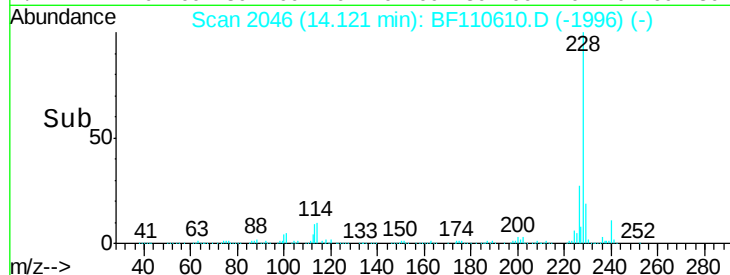
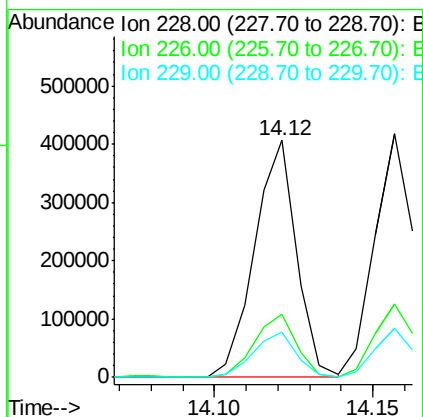
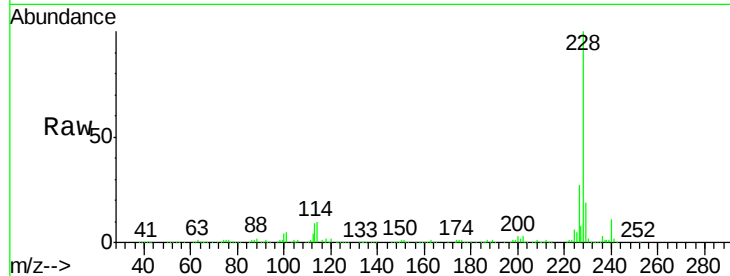
Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampled :

Tot Ion:	228	Resp:	372323
Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.1	33.1
229	19.3	15.6	23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.35 ng

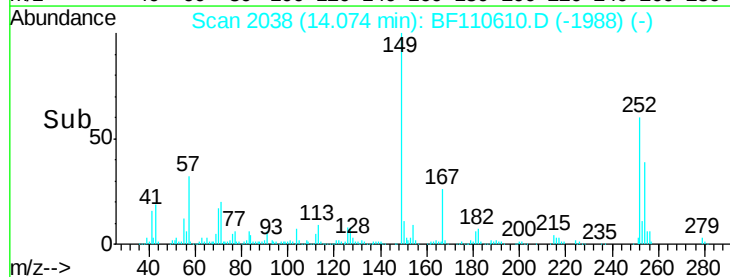
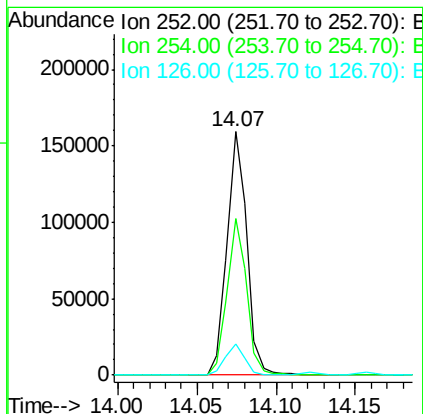
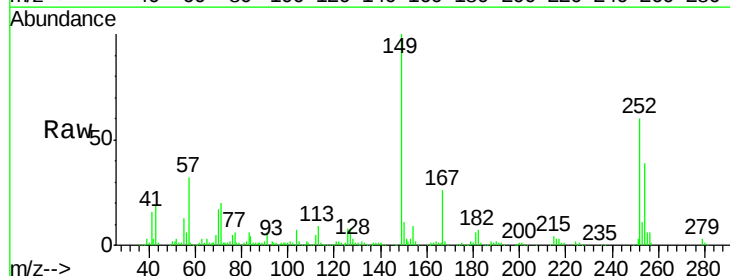
RT: 14.07 min Scan# 2038

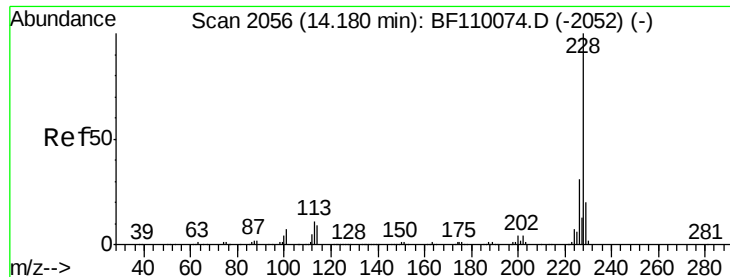
Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Tgt Ion:	252	Resp:	138152
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.3	76.9
126	12.9	9.4	14.2





#83

Chrysene

Concen: 39.26 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

Instrument :

BNA_F

ClientSampleId :

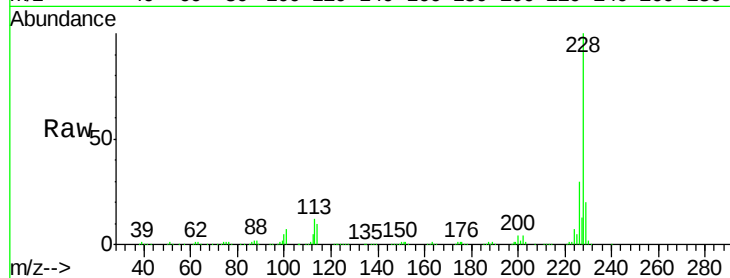
Tot Ion:228 Resp: 355880

Ion Ratio Lower Upper

228 100

226 30.4 24.7 37.1

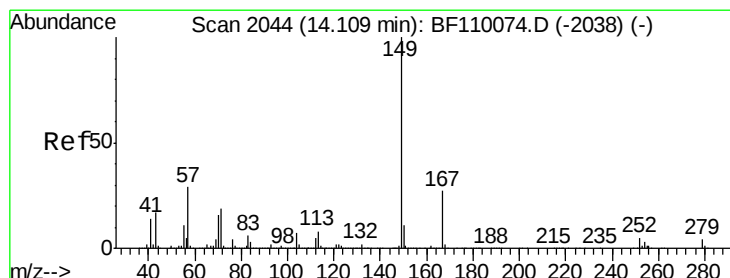
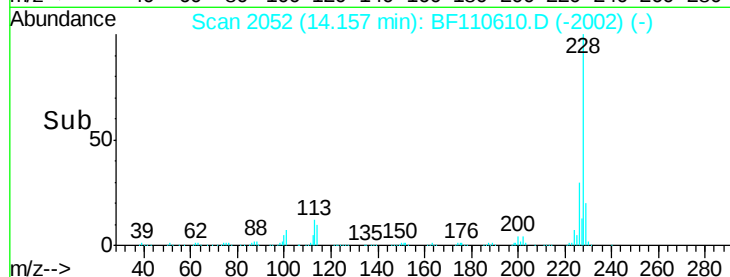
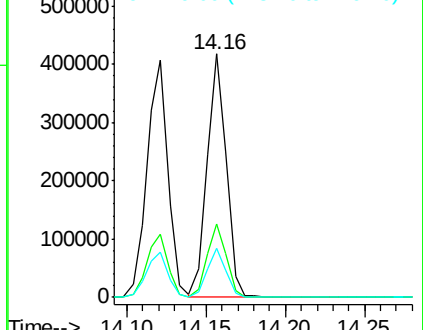
229 20.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.21 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF110610.D

Acq: 9 Nov 2018 3:38

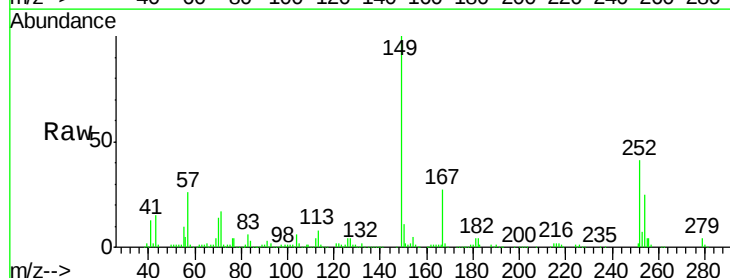
Tgt Ion:149 Resp: 256616

Ion Ratio Lower Upper

149 100

167 27.1 19.8 29.8

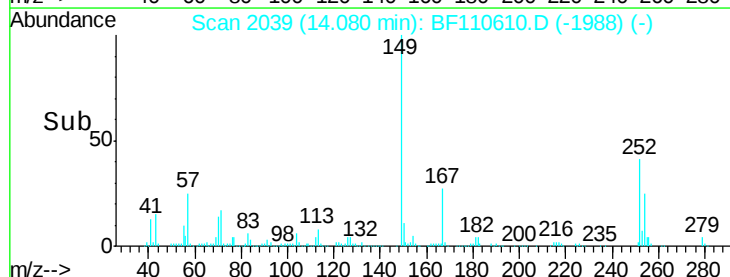
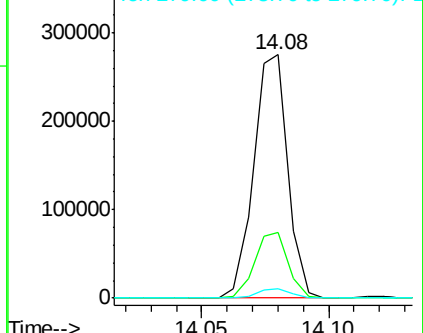
279 4.1 2.7 4.1#

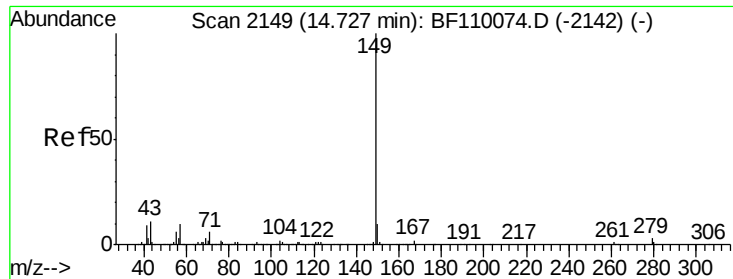


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

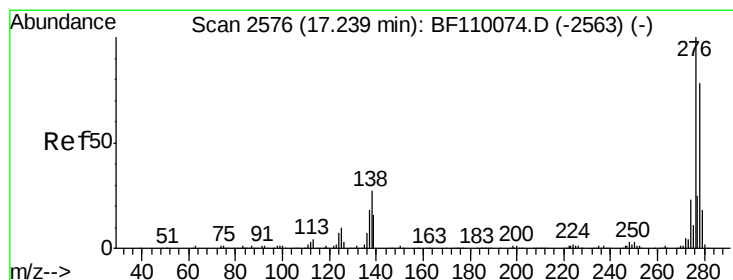
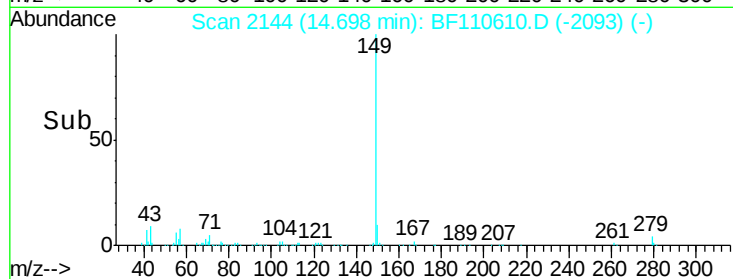
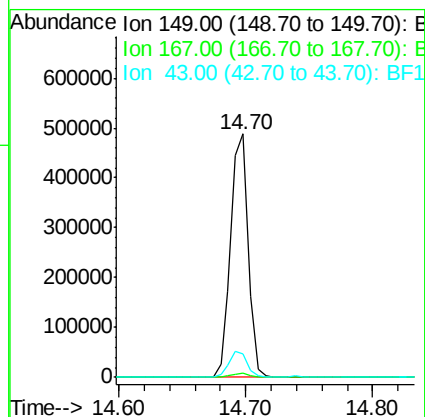
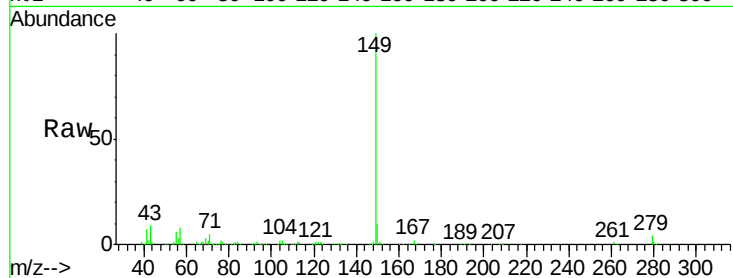




#85
Di-n-octyl phthalate
Concen: 48.31 ng
RT: 14.70 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

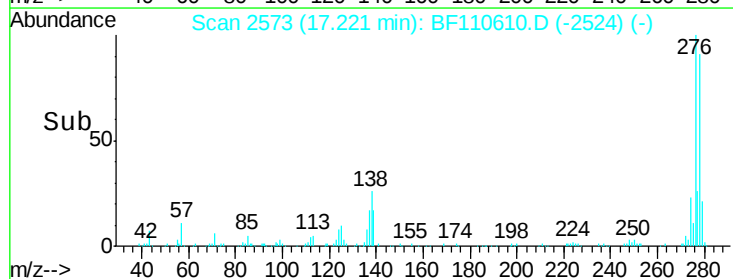
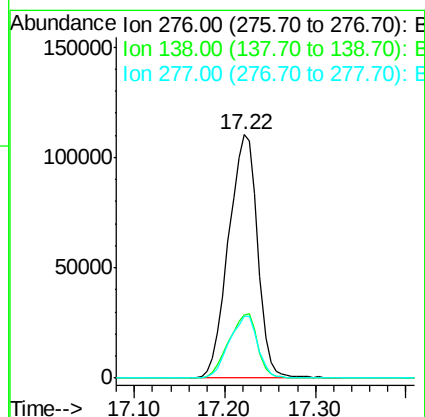
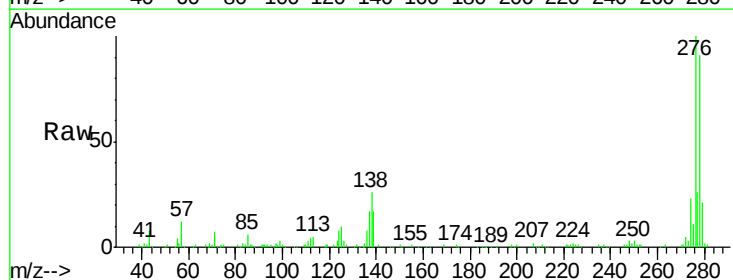
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 464933
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.5 7.8 11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.82 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:276 Resp: 246025
Ion Ratio Lower Upper
276 100
138 26.2 18.5 27.7
277 25.1 20.0 30.0



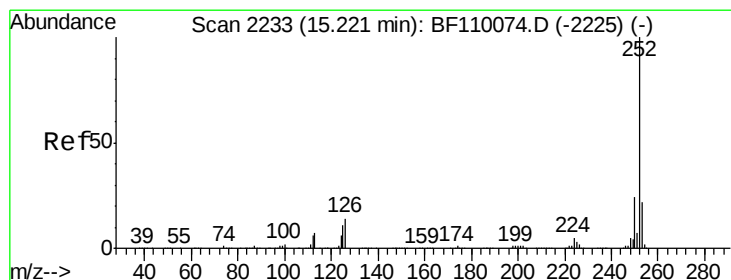
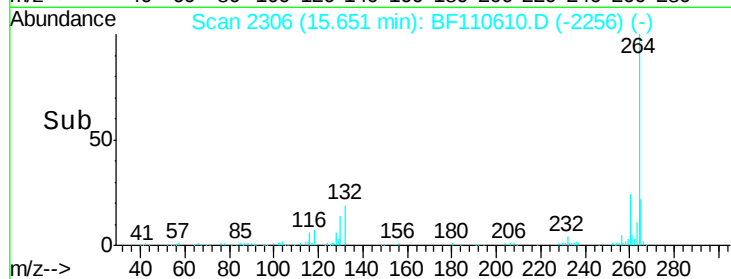
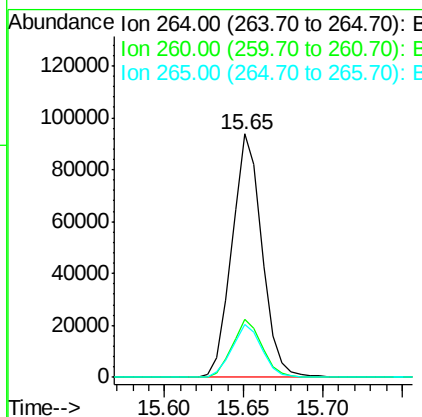
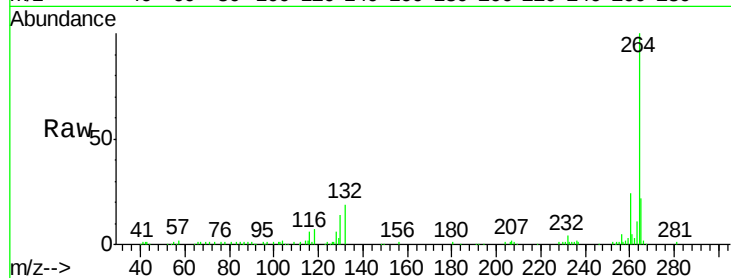


#87
Pervlene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 122813

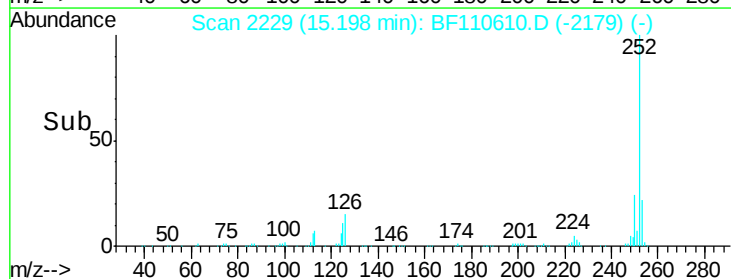
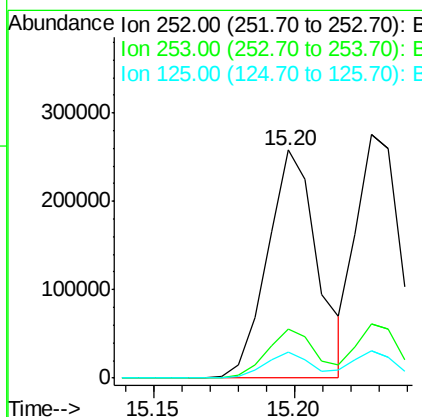
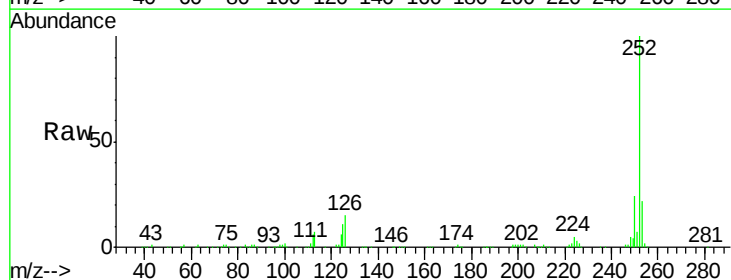
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	16.7	25.1

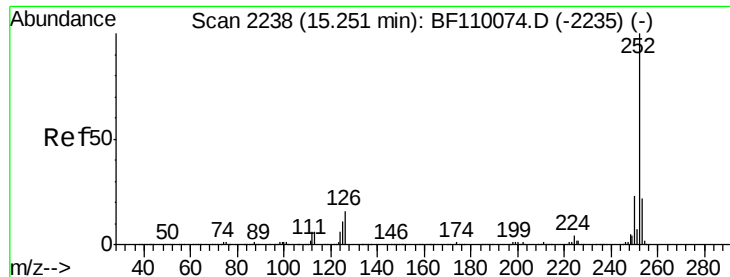


#88
Benzo(b)fluoranthene
Concen: 43.24 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:252 Resp: 317699

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	8.2	12.4

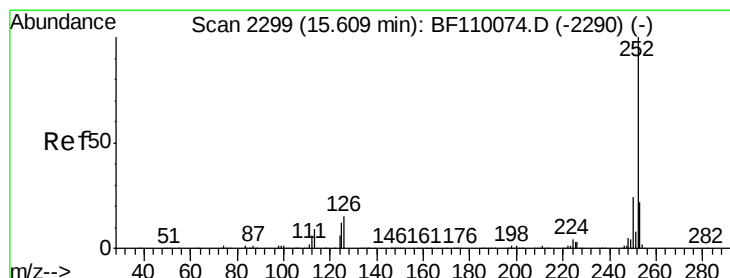
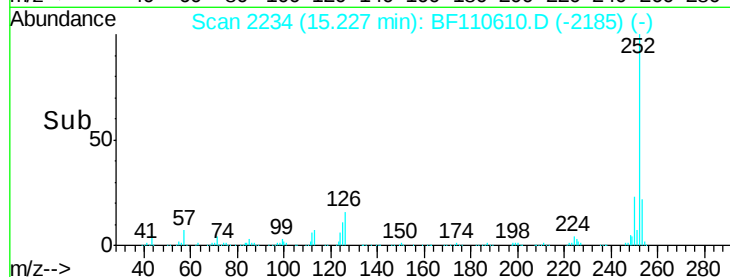
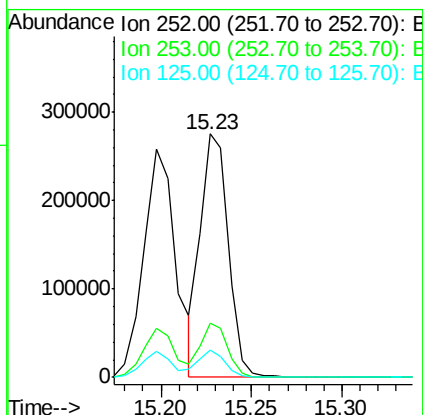
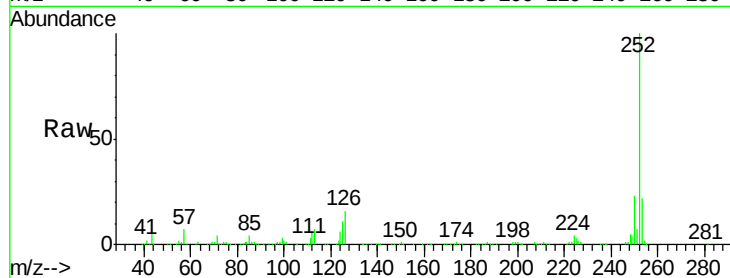




#89
Benzo(k)fluoranthene
Concen: 40.22 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

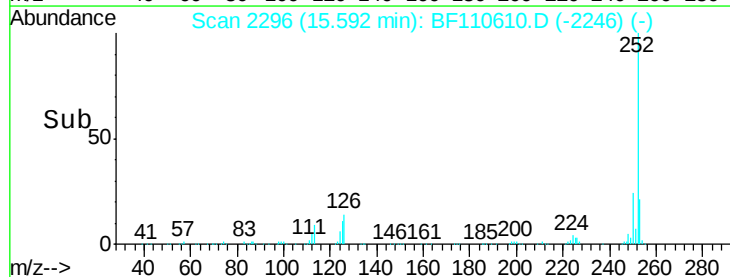
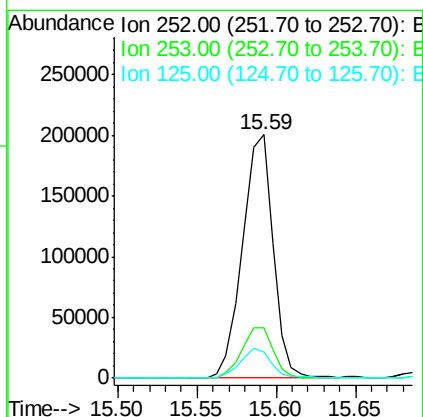
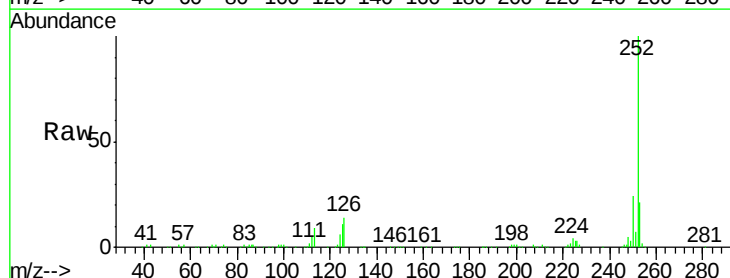
Instrument :
BNA_F
ClientSampleId :

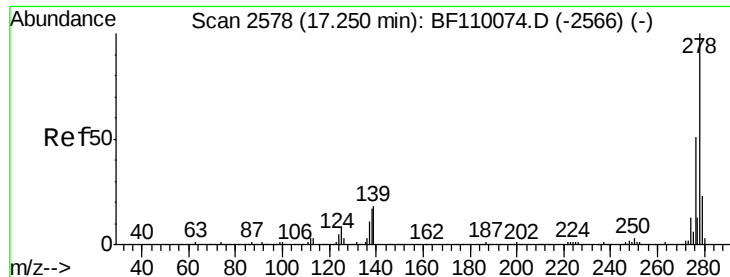
Tot Ion:252 Resp: 292018
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 11.1 7.4 11.0#



#90
Benzo(a)pyrene
Concen: 40.37 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:252 Resp: 269452
Ion Ratio Lower Upper
252 100
253 20.8 18.2 27.4
125 10.7 9.0 13.6



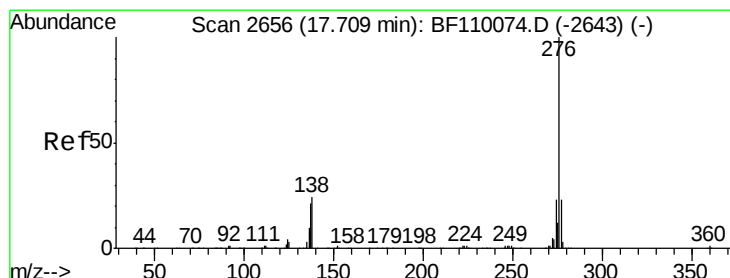
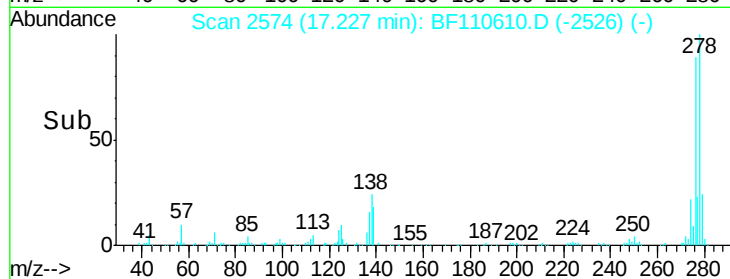
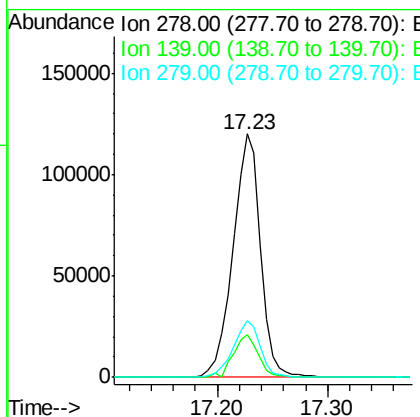
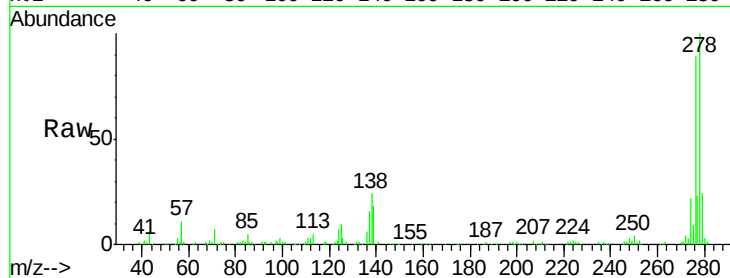


#91
Dibenzo(a,h)anthracene
Concen: 37.08 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 209461

Ion	Ratio	Lower	Upper
278	100		
139	17.5	12.7	19.1
279	23.6	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 34.66 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BF110610.D
Acq: 9 Nov 2018 3:38

Tgt Ion:276 Resp: 194268

Ion	Ratio	Lower	Upper
276	100		
277	22.2	18.8	28.2
138	21.6	16.0	24.0

