

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110780.D
 Acq On : 14 Nov 2018 22:28
 Operator : JU/SJ
 Sample : PB114818BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Quant Time: Nov 15 04:38:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62589	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	253823	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	120648	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	219019	20.00	ng	0.00
76) Chrysene-d12	14.13	240	132973	20.00	ng	-0.01
87) Perylene-d12	15.65	264	124471	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	372294	96.62	ng	0.00
7) Phenol-d6	6.57	99	463891	94.15	ng	0.00
23) Nitrobenzene-d5	7.51	82	287893	65.32	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110851	91.18	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	577210	68.33	ng	0.00
79) Terphenyl-d14	13.06	244	474563	66.84	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	46853	24.404	ng	91
3) Pyridine	3.60	79	122340	29.521	ng	87
4) n-Nitrosodimethylamine	3.56	42	65904	37.064	ng	93
6) Aniline	6.61	93	88258	13.735	ng	# 54
8) 2-Chlorophenol	6.73	128	156625	34.674	ng	98
9) Benzaldehyde	6.50	77	82029	28.772	ng	98
10) Phenol	6.58	94	187385	32.797	ng	# 68
11) bis(2-Chloroethyl)ether	6.67	93	135179	31.570	ng	95
12) 1,3-Dichlorobenzene	6.88	146	160802	32.535	ng	99
13) 1,4-Dichlorobenzene	6.96	146	165564	32.988	ng	98
14) 1,2-Dichlorobenzene	7.11	146	155079	33.215	ng	98
15) Benzyl Alcohol	7.09	79	131832	34.189	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.21	45	218924	32.557	ng	72
17) 2-Methylphenol	7.19	107	124888	34.739	ng	# 80
18) Hexachloroethane	7.45	117	58605	31.630	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	104266	33.150	ng	95
20) 3+4-Methylphenols	7.35	107	162172	35.141	ng	# 76
22) Acetophenone	7.35	105	213815	36.145	ng	95
24) Nitrobenzene	7.53	77	156876	34.740	ng	94
25) Isophorone	7.76	82	287064	39.738	ng	95
26) 2-Nitrophenol	7.85	139	76865	34.120	ng	92
27) 2,4-Dimethylphenol	7.87	122	141138	41.138	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	179451	36.690	ng	99
29) 2,4-Dichlorophenol	8.08	162	131187	37.161	ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	137906	34.647	ng	96
31) Naphthalene	8.25	128	451382	37.882	ng	100
32) Benzoic acid	7.99	122	62170	25.611	ng	96
33) 4-Chloroaniline	8.30	127	48601	9.005	ng	99
34) Hexachlorobutadiene	8.35	225	76383	33.598	ng	97
35) Caprolactam	8.66	113	41394	35.096	ng	88
36) 4-Chloro-3-methylphenol	8.78	107	141419	37.144	ng	94
37) 2-Methylnaphthalene	8.94	142	313747	40.166	ng	98
38) 1-Methylnaphthalene	9.04	142	295343	39.315	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	133818	35.040	ng	99

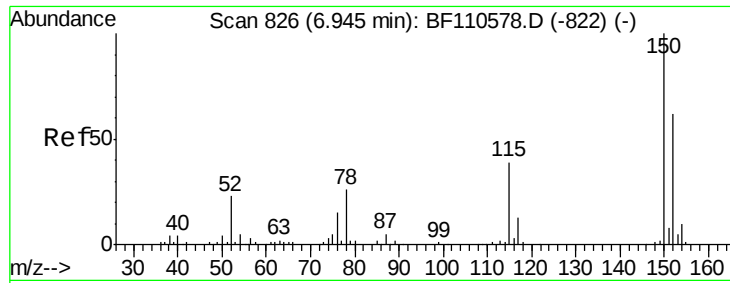
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	22860	21.515	ng	98
43) 2,4,6-Trichlorophenol	9.22	196	87740	36.561	ng	94
44) 2,4,5-Trichlorophenol	9.26	196	93417	36.492	ng	96
46) 1,1'-Biphenyl	9.40	154	382911	34.022	ng	99
47) 2-Chloronaphthalene	9.43	162	288234	35.548	ng	98
48) 2-Nitroaniline	9.53	65	90966	36.406	ng	93
49) Acenaphthylene	9.85	152	456356	39.081	ng	99
50) Dimethylphthalate	9.70	163	339492	37.711	ng	99
51) 2,6-Dinitrotoluene	9.77	165	71524	36.117	ng	98
52) Acenaphthene	10.02	154	271947	36.852	ng	98
53) 3-Nitroaniline	9.95	138	41720	18.184	ng	89
54) 2,4-Dinitrophenol	10.06	184	18115	26.315	ng	90
55) Dibenzofuran	10.19	168	398383	36.899	ng	97
56) 4-Nitrophenol	10.11	139	96068	63.114	ng	91
57) 2,4-Dinitrotoluene	10.18	165	91416	35.503	ng	98
58) Fluorene	10.53	166	323209	38.974	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	65494	32.522	ng	97
60) Diethylphthalate	10.39	149	337847	37.934	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	152136	35.431	ng	98
62) 4-Nitroaniline	10.56	138	70057	30.323	ng	91
63) Azobenzene	10.68	77	315671	36.329	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	14687	13.306	ng	82
66) n-Nitrosodiphenylamine	10.64	169	283523	38.405	ng	97
67) 4-Bromophenyl-phenylether	11.02	248	87931	36.326	ng	98
68) Hexachlorobenzene	11.09	284	90464	35.448	ng	94
69) Atrazine	11.16	200	92712	41.073	ng	100
70) Pentachlorophenol	11.29	266	67044	49.234	ng	97
71) Phenanthrene	11.50	178	448835	38.251	ng	100
72) Anthracene	11.56	178	464088	39.208	ng	98
73) Carbazole	11.71	167	392482	34.526	ng	100
74) Di-n-butylphthalate	12.02	149	526504	39.496	ng	99
75) Fluoranthene	12.70	202	390397	33.186	ng	99
77) Benzidine	12.82	184	156075	42.681	ng	96
78) Pyrene	12.93	202	381174	37.229	ng	98
80) Butylbenzylphthalate	13.53	149	175555	39.837	ng	93
81) Benzo(a)anthracene	14.12	228	319013	40.138	ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	87511	32.868	ng	95
83) Chrysene	14.16	228	296384	39.142	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	237884	43.515	ng	98
85) Di-n-octyl phthalate	14.69	149	385682	47.976	ng	99
86) Indeno(1,2,3-cd)pyrene	17.23	276	234149	43.093	ng	97
88) Benzo(b)fluoranthene	15.20	252	300973	40.419	ng	99
89) Benzo(k)fluoranthene	15.23	252	279084	37.930	ng	98
90) Benzo(a)pyrene	15.59	252	270370	39.963	ng	98
91) Dibenzo(a,h)anthracene	17.23	278	198451	34.662	ng	99
92) Benzo(g,h,i)perylene	17.70	276	174305	30.685	ng	96

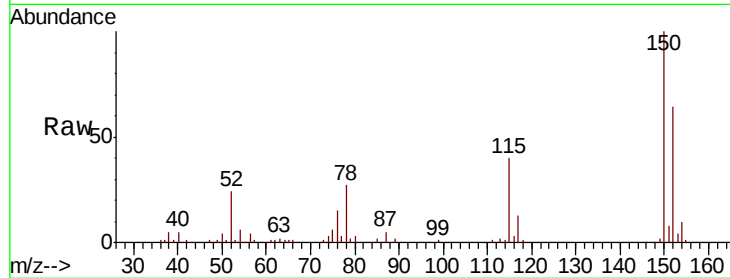
(#) = qualifier out of range (m) = manual integration (+) = signals summed



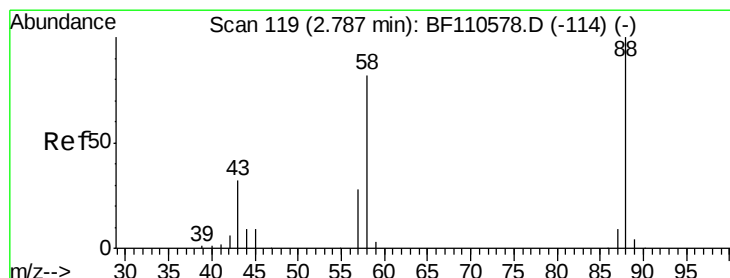
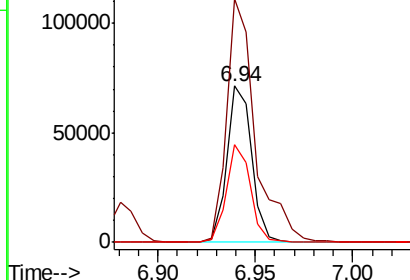
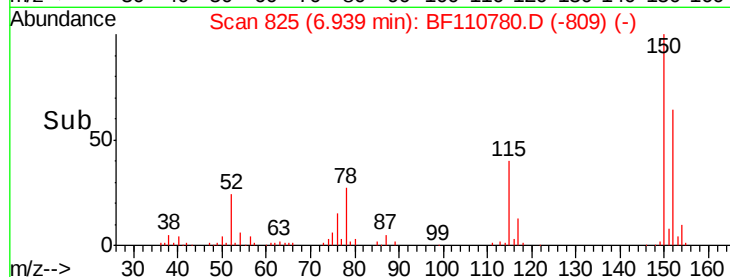
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:152 Resp: 62589
 Ion Ratio Lower Upper
 152 100
 150 156.0 122.7 184.1
 115 62.8 49.1 73.7

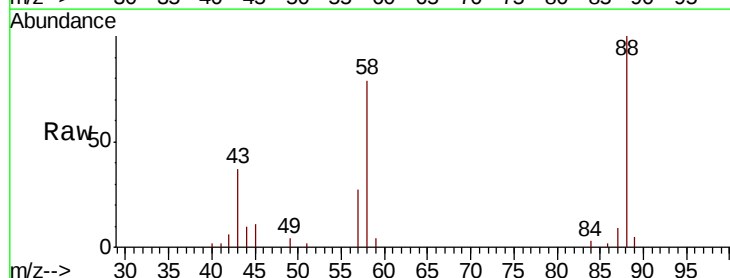


Abundance Ion 152.00 (151.70 to 152.70): E
 150000 Ion 150.00 (149.70 to 150.70): E
 100000 Ion 115.00 (114.70 to 115.70): E

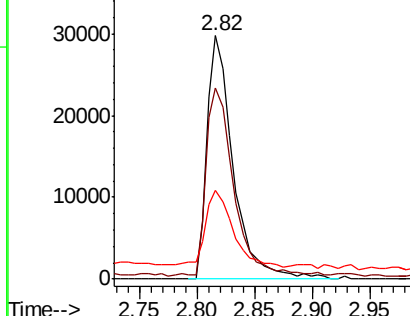
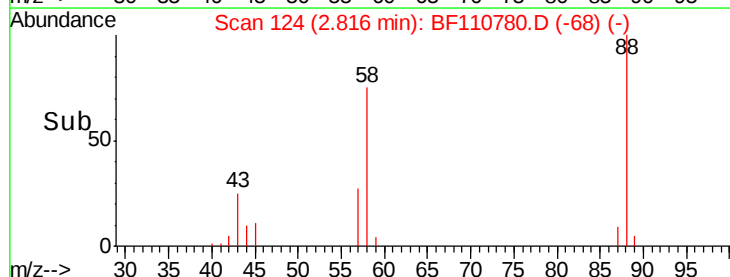


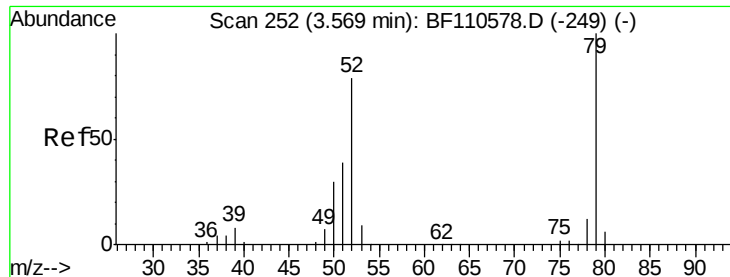
#2
 1,4-Dioxane
 Concen: 24.404 ng
 RT: 2.82 min Scan# 124
 Delta R.T. 0.03 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion: 88 Resp: 46853
 Ion Ratio Lower Upper
 88 100
 58 79.6 57.1 85.7
 43 33.5 24.1 36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
 40000 Ion 58.00 (57.70 to 58.70): BF1
 30000 Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 29.521 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.04 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

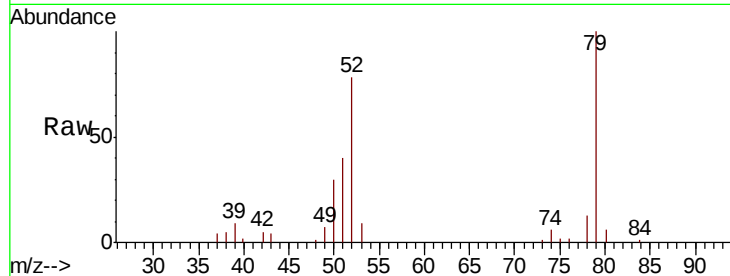
Tgt Ion: 79 Resp: 122340

Ion Ratio Lower Upper

79 100

52 77.8 53.1 79.7

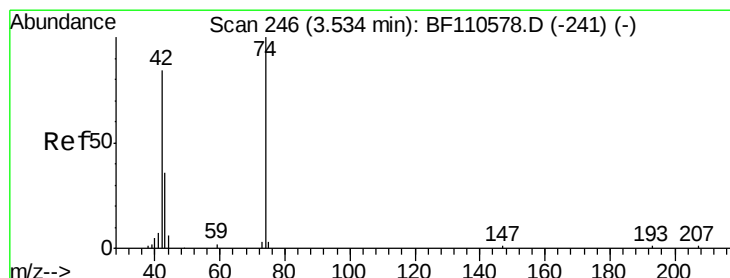
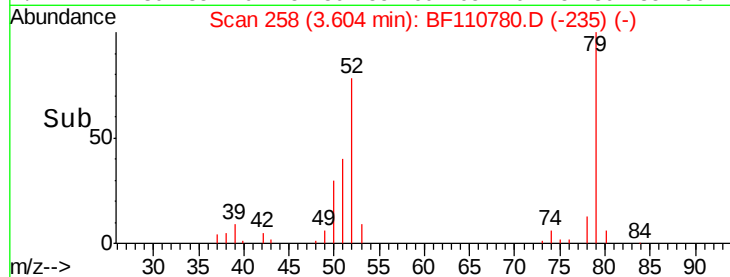
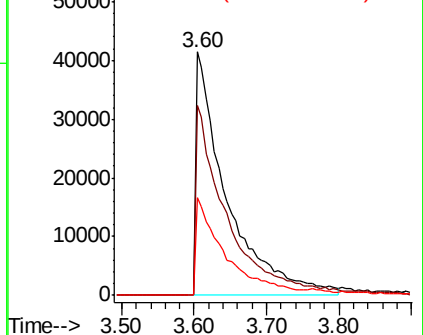
51 40.3 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.064 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.02 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

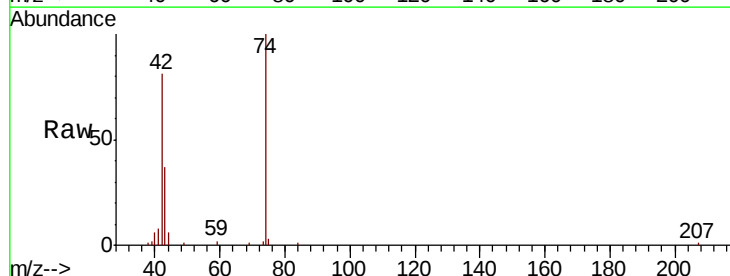
Tgt Ion: 42 Resp: 65904

Ion Ratio Lower Upper

42 100

74 123.2 105.5 158.3

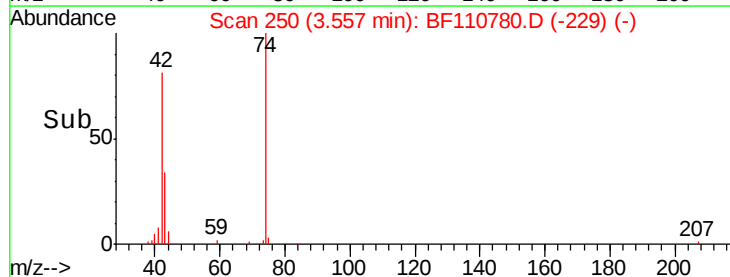
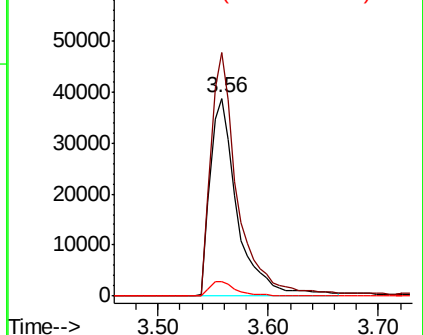
44 7.1 4.9 7.3

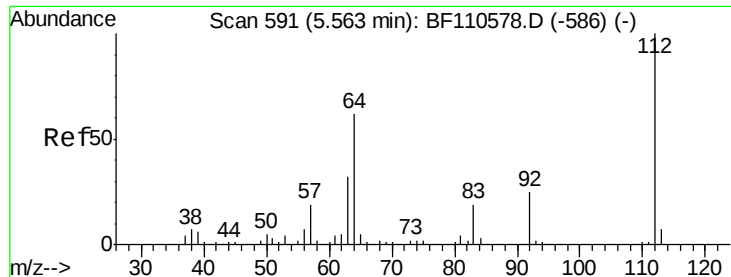


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 96.618 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

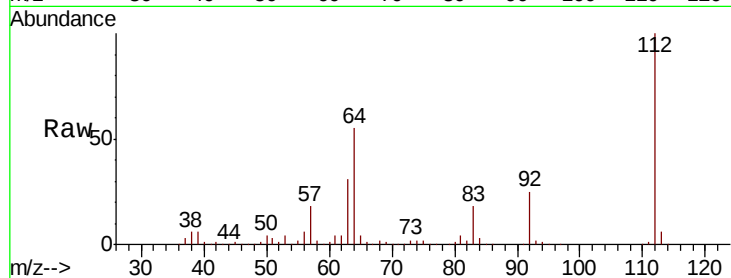
Tgt Ion: 112 Resp: 372294

Ion Ratio Lower Upper

112 100

64 55.4 44.1 66.1

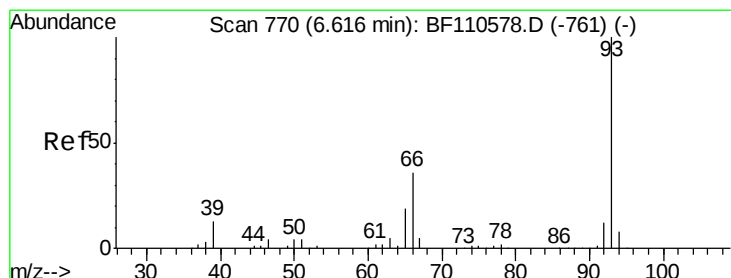
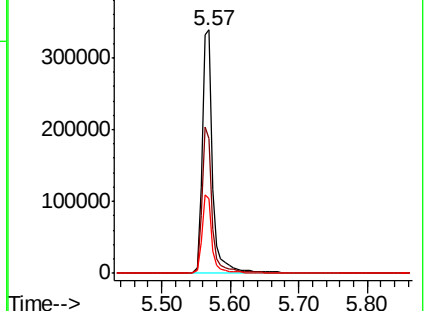
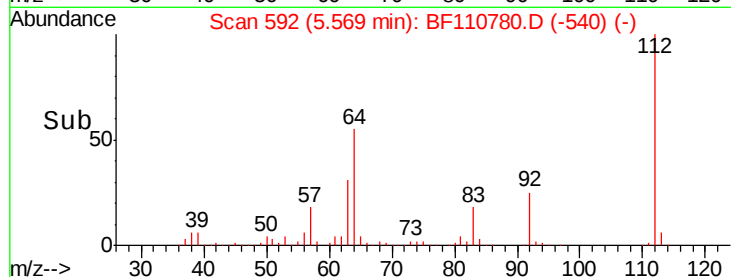
63 30.7 23.7 35.5



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: 13.735 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

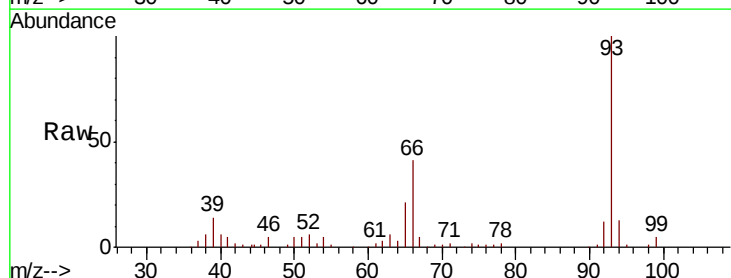
Tgt Ion: 93 Resp: 88258

Ion Ratio Lower Upper

93 100

66 41.3 67.4 101.0#

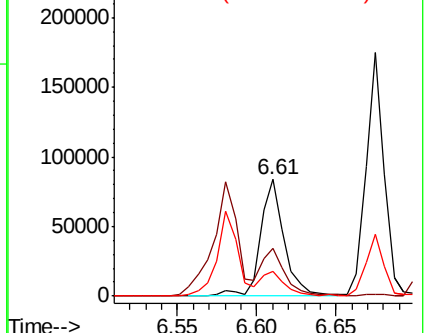
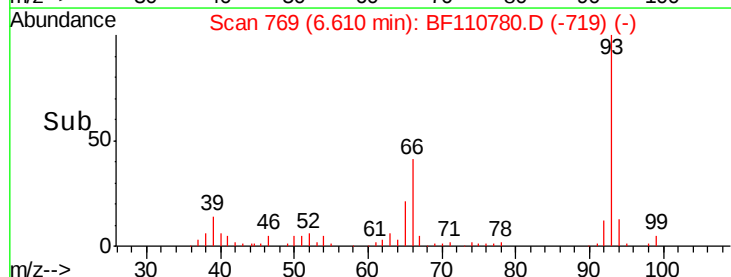
65 21.1 41.0 61.4#

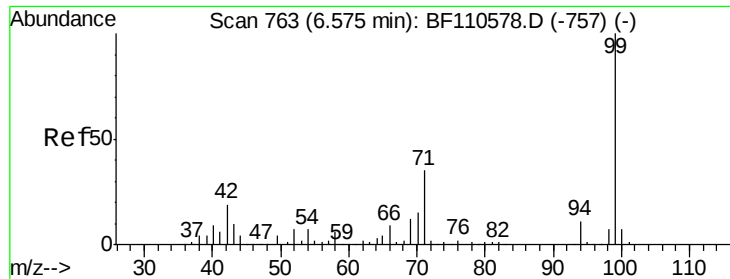


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.145 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

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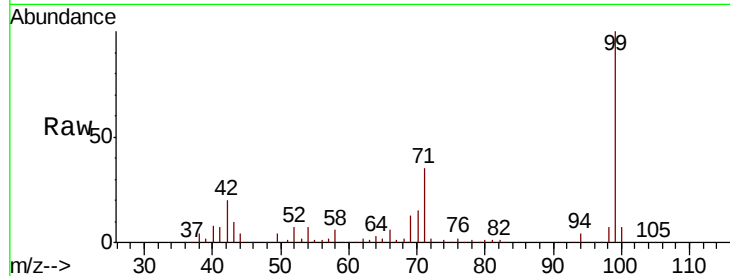
Tgt Ion: 99 Resp: 463891

Ion Ratio Lower Upper

99 100

42 19.9 15.8 23.6

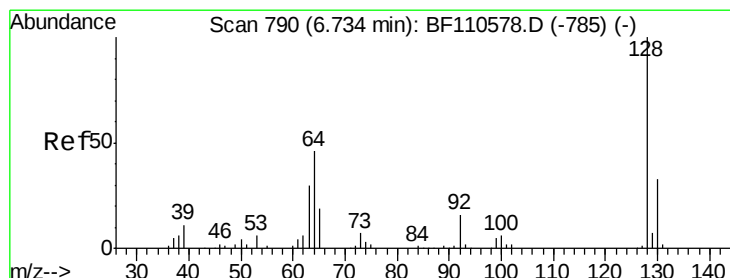
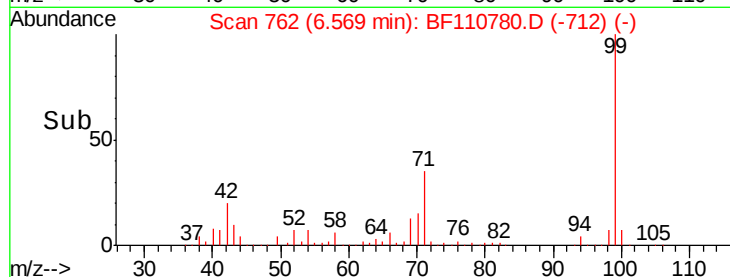
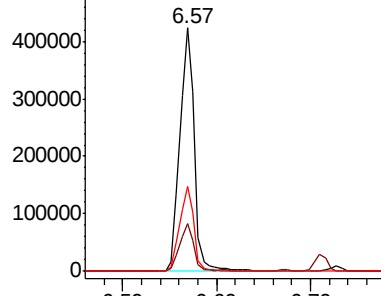
71 35.1 28.0 42.0



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: 34.674 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

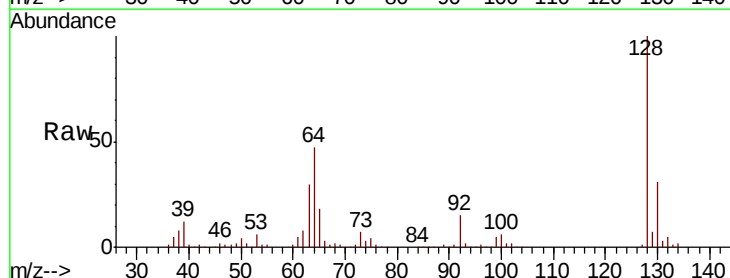
Tgt Ion: 128 Resp: 156625

Ion Ratio Lower Upper

128 100

130 31.4 13.1 53.1

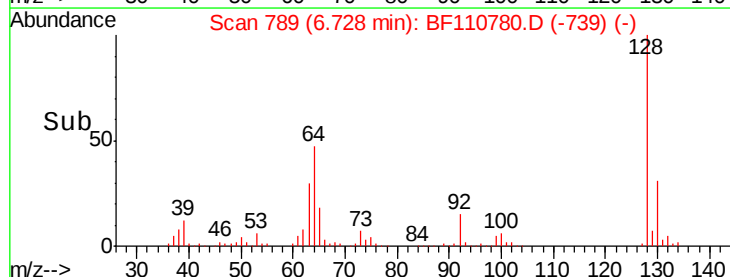
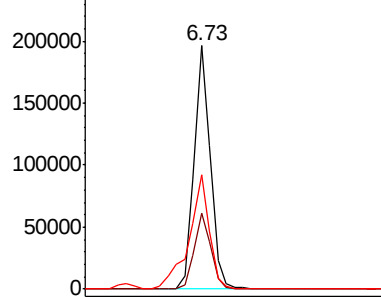
64 47.0 26.0 66.0

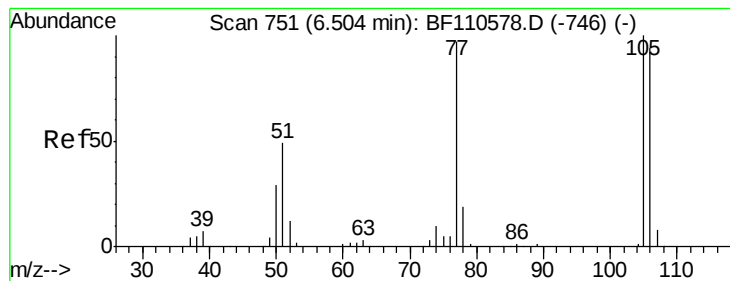


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.772 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

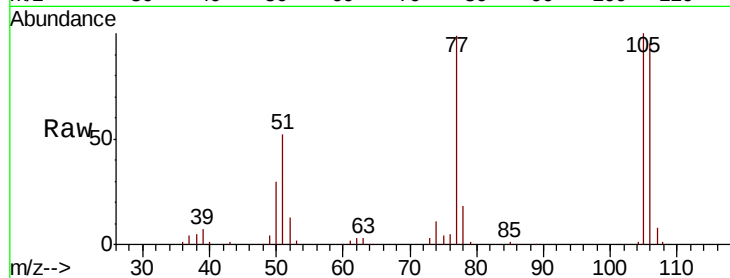
Tgt Ion: 77 Resp: 82029

Ion Ratio Lower Upper

77 100

105 101.5 78.6 118.6

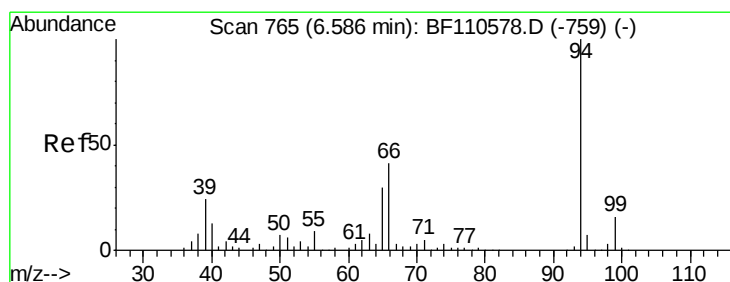
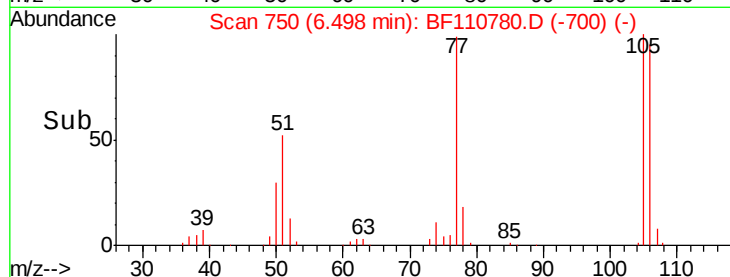
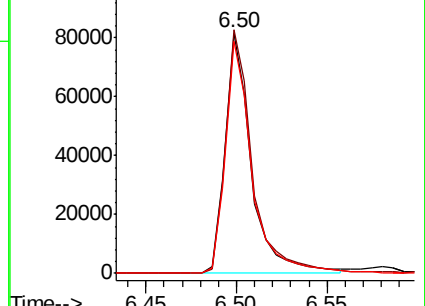
106 96.5 74.8 114.8



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: 32.797 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

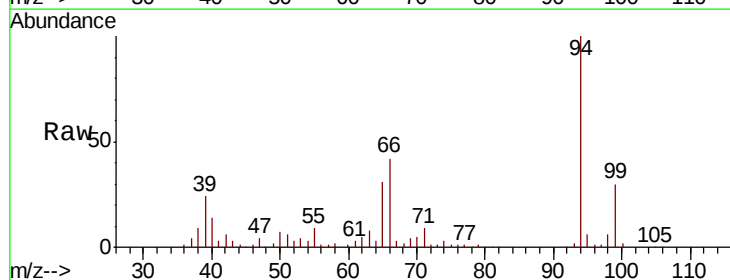
Tgt Ion: 94 Resp: 187385

Ion Ratio Lower Upper

94 100

65 30.9 25.3 65.3

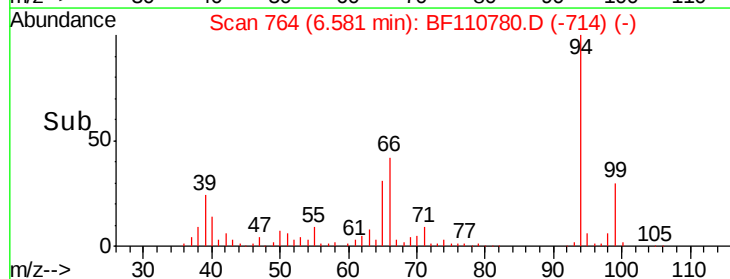
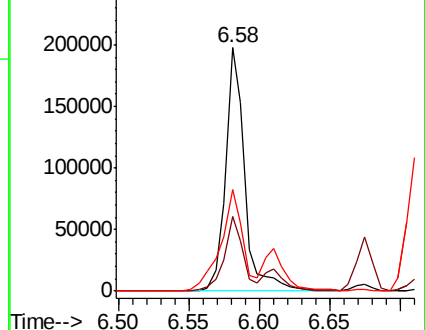
66 41.6 54.5 94.5#



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

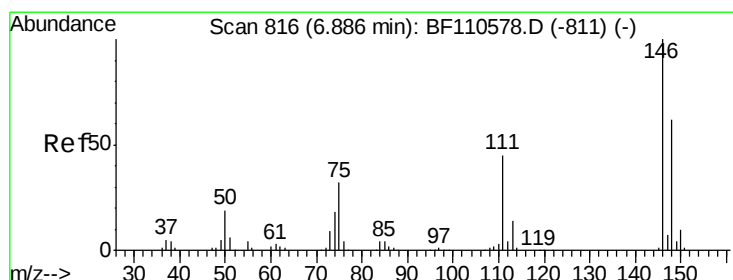
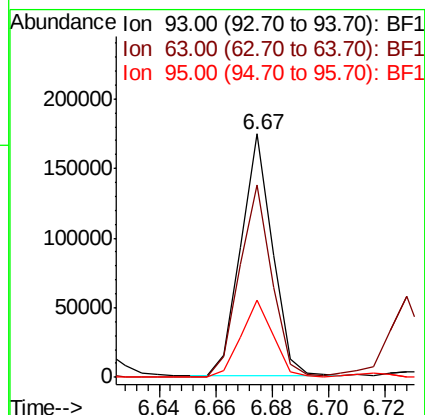
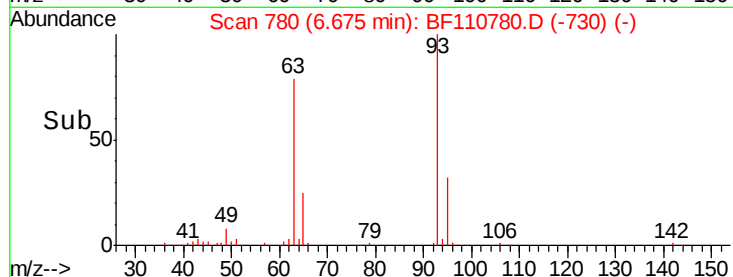
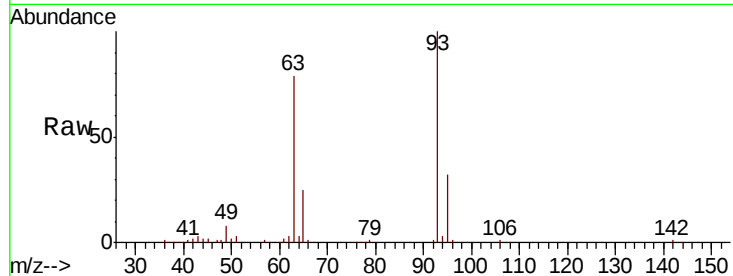




#11
bis(2-Chloroethyl)ether
Concen: 31.570 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

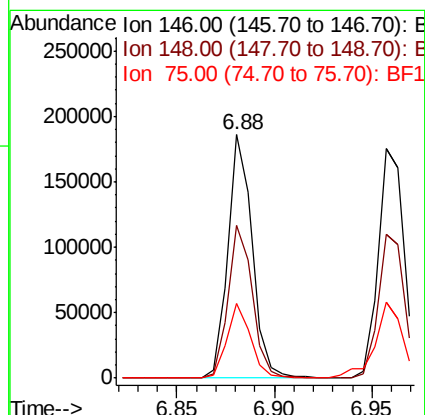
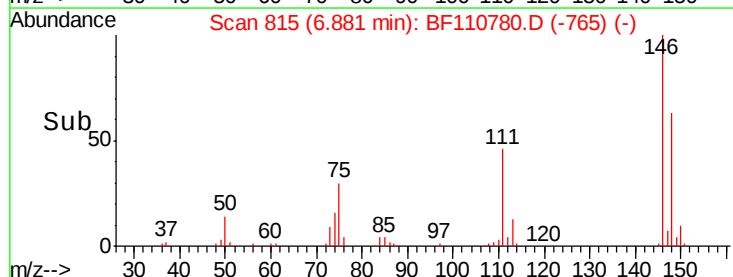
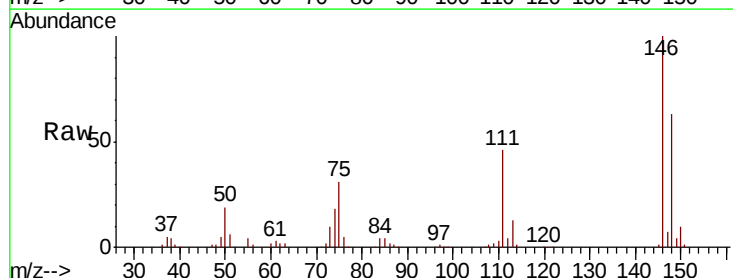
Instrument :
BNA_F
ClientSampleId :
PB114818BS

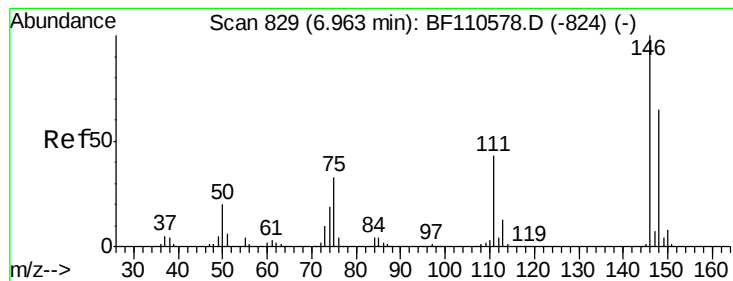
Tgt Ion: 93 Resp: 135179
Ion Ratio Lower Upper
93 100
63 79.1 53.4 93.4
95 32.0 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 32.535 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion: 146 Resp: 160802
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
75 30.8 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 32.988 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

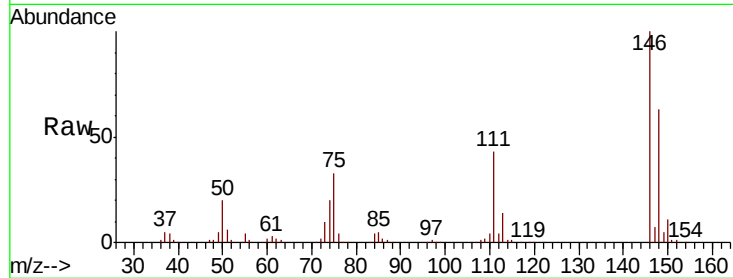
Tgt Ion:146 Resp: 165564

Ion Ratio Lower Upper

146 100

148 62.9 50.3 75.5

111 43.3 32.7 49.1

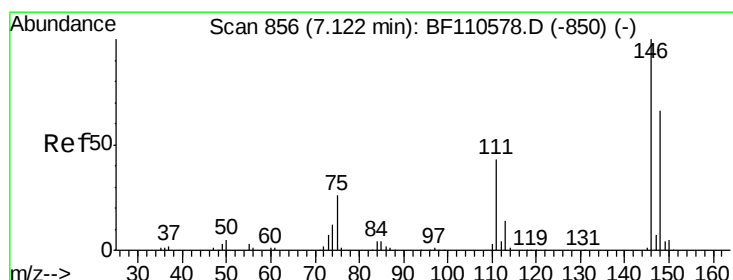
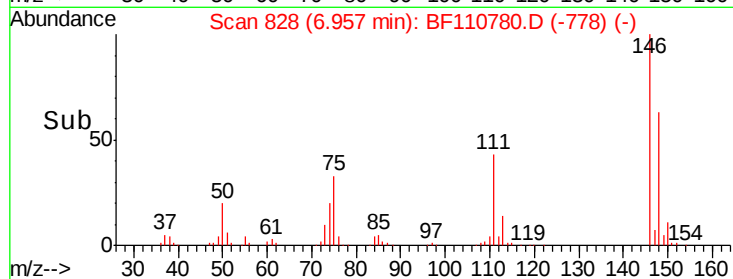
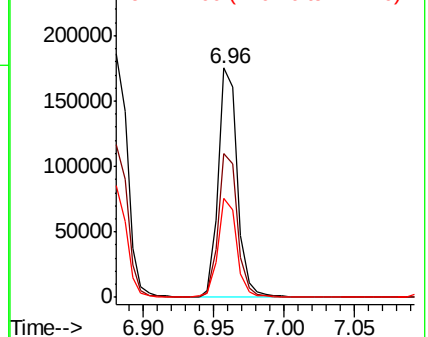


Abundance

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: 33.215 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

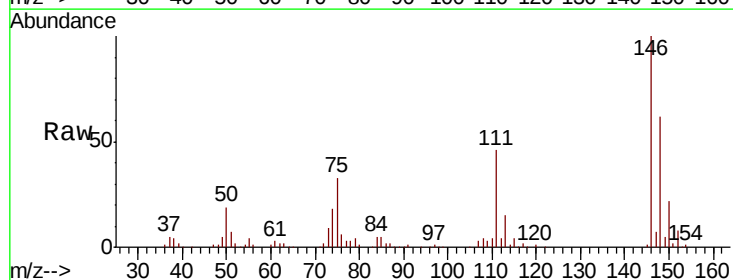
Tgt Ion:146 Resp: 155079

Ion Ratio Lower Upper

146 100

148 62.0 51.1 76.7

111 46.3 35.8 53.6

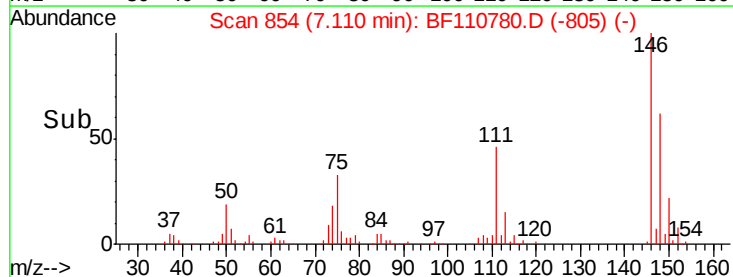
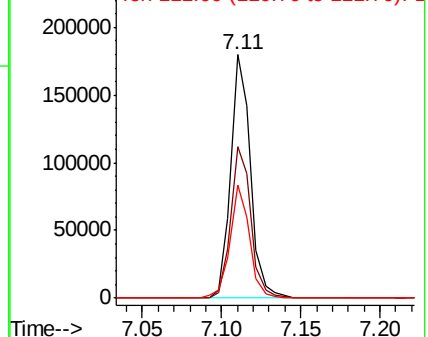


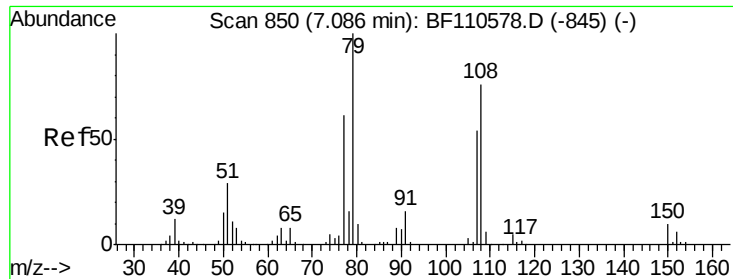
Abundance

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: 34.189 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

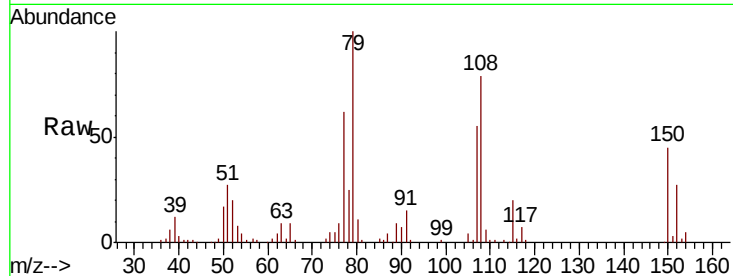
Tgt Ion: 79 Resp: 131832

Ion Ratio Lower Upper

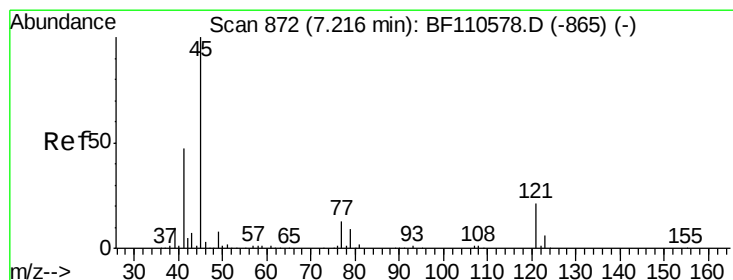
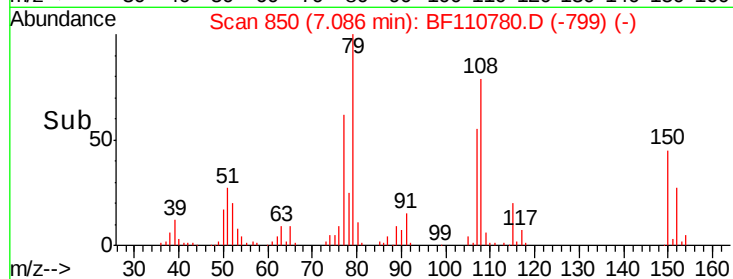
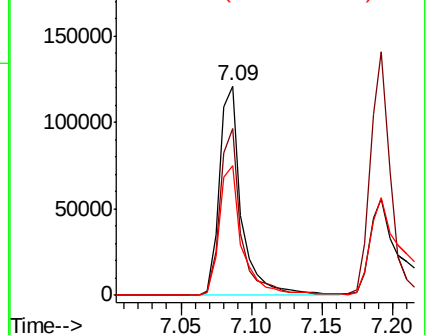
79 100

108 79.3 56.3 84.5

77 62.1 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.557 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

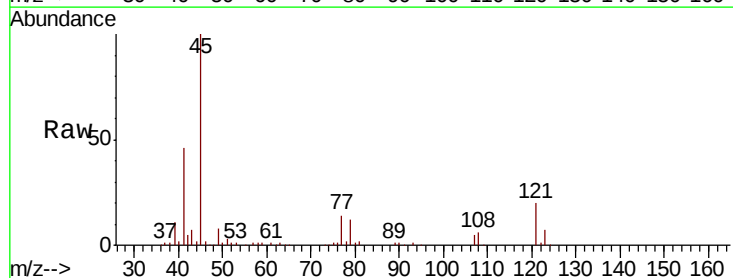
Tgt Ion: 45 Resp: 218924

Ion Ratio Lower Upper

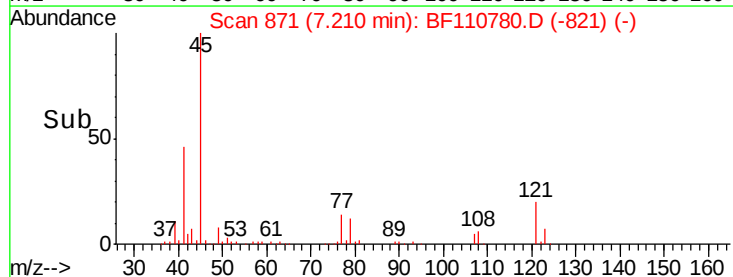
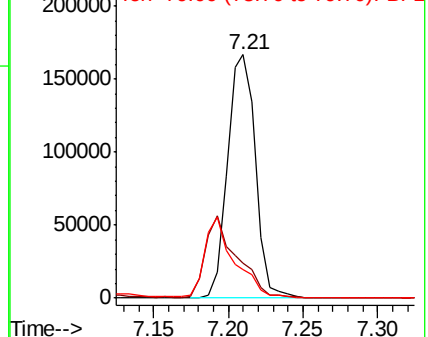
45 100

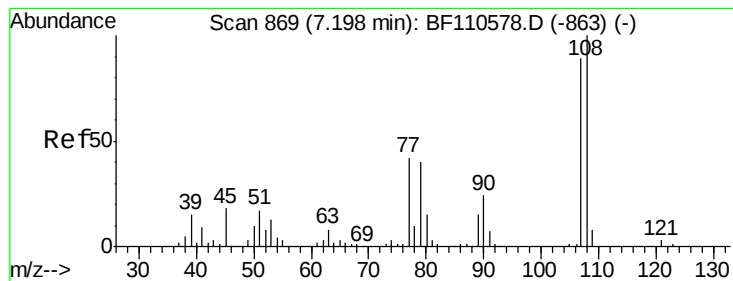
77 14.4 10.0 50.0

79 11.8 6.1 46.1



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





#17

2-Methylphenol

Concen: 34.739 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tgt Ion:107 Resp: 124888

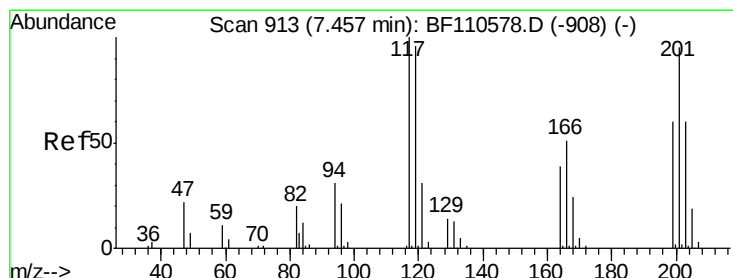
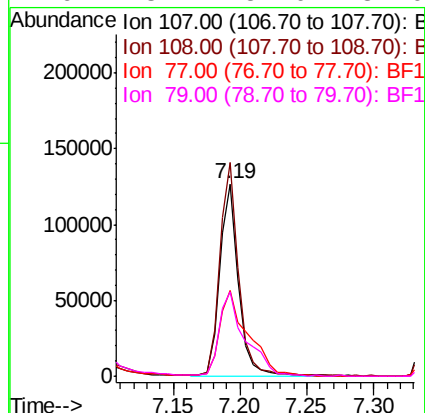
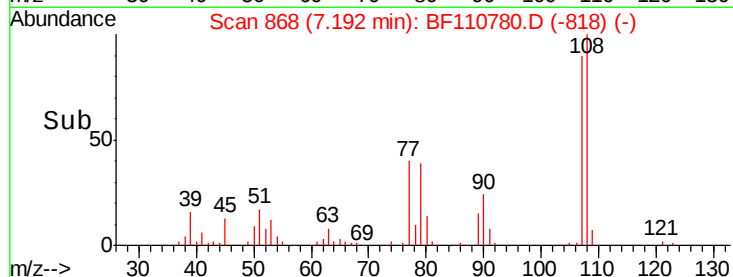
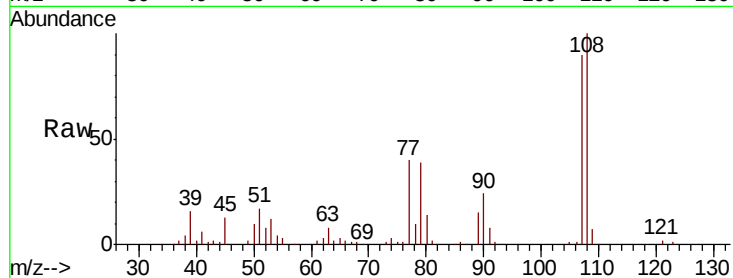
Ion Ratio Lower Upper

107 100

108 111.0 92.6 138.8

77 44.7 59.4 89.2#

79 43.7 54.0 81.0#



#18

Hexachloroethane

Concen: 31.630 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

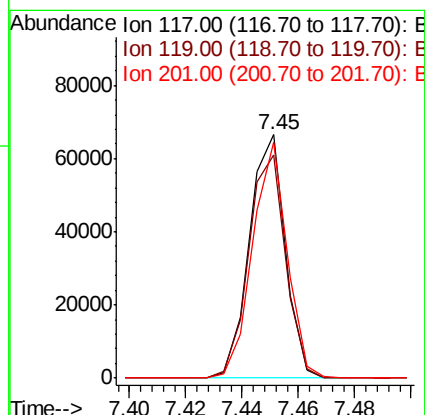
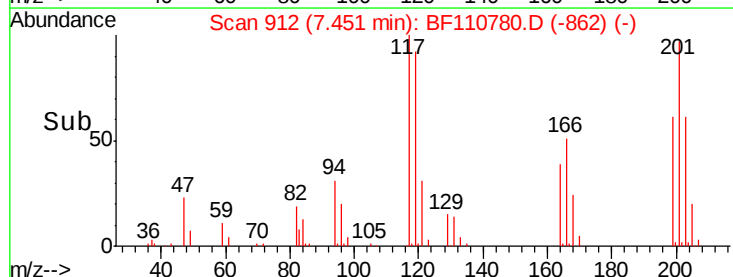
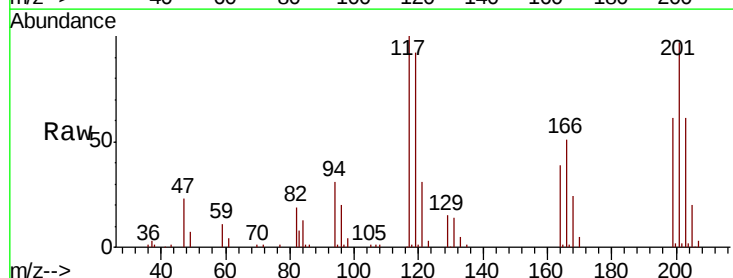
Tgt Ion:117 Resp: 58605

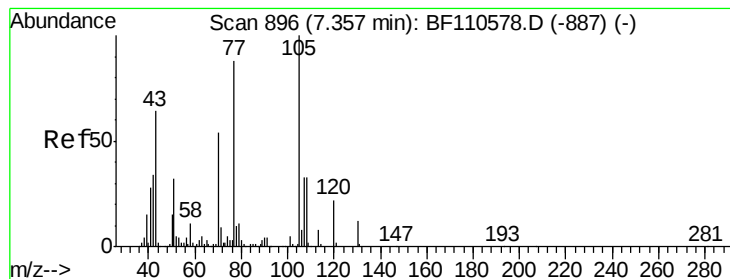
Ion Ratio Lower Upper

117 100

119 91.5 75.0 112.6

201 96.9 79.2 118.8





#19

n-Nitroso-di-n-propylamine

Concen: 33.150 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tgt Ion: 70 Resp: 104266

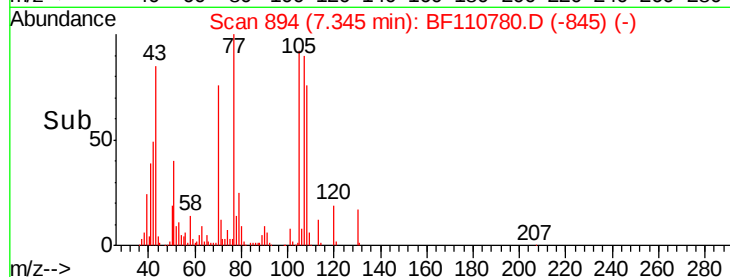
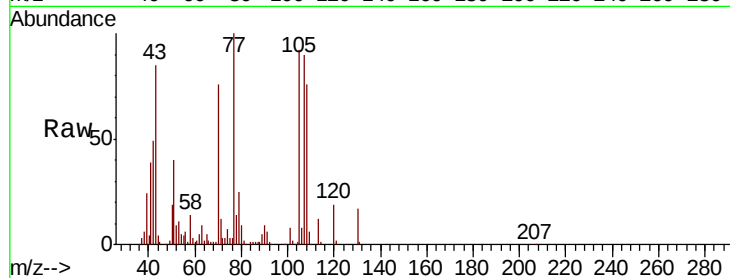
Ion Ratio Lower Upper

70 100

42 63.7 47.4 71.2

101 9.9 7.3 10.9

130 22.0 16.2 24.2

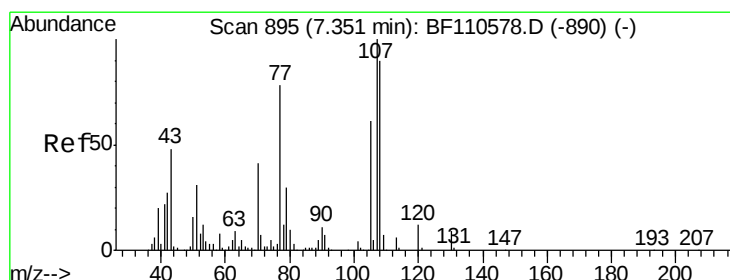
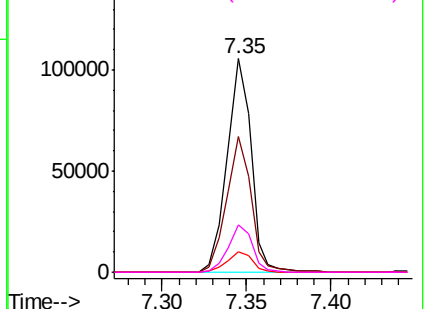


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 35.141 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion: 107 Resp: 162172

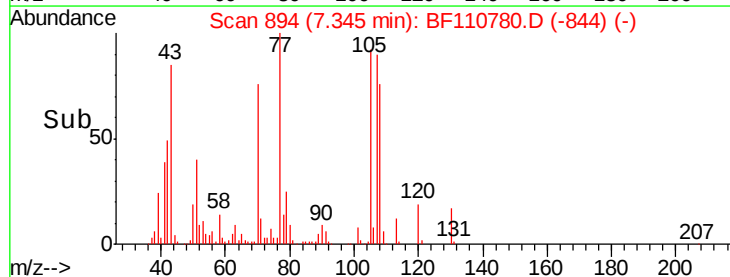
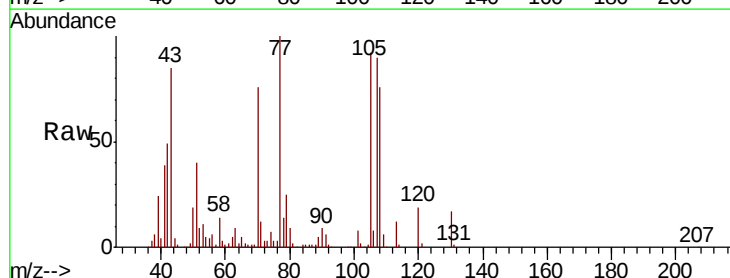
Ion Ratio Lower Upper

107 100

108 85.0 71.4 111.4

77 111.4 47.3 87.3#

79 28.3 10.9 50.9

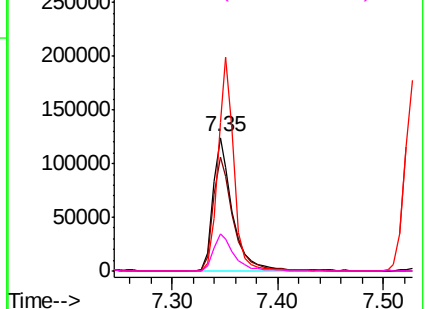


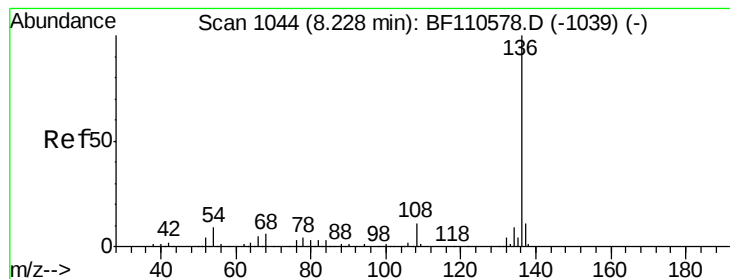
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tgt Ion:136 Resp: 253823

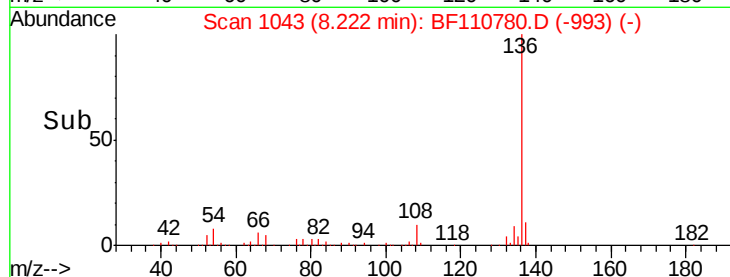
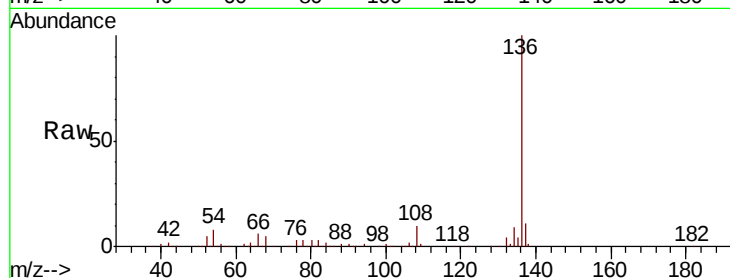
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.1 5.4 8.2

68 5.3 4.2 6.2



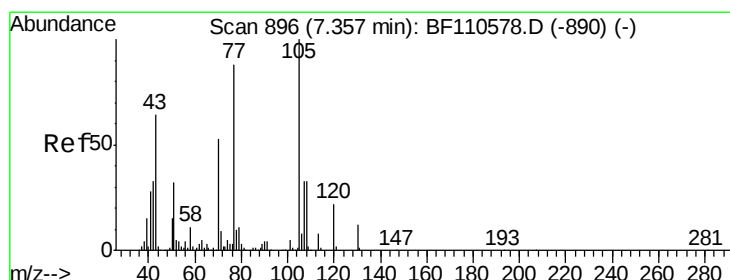
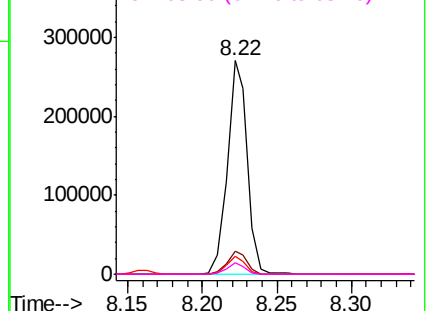
Abundance

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: 36.145 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:105 Resp: 213815

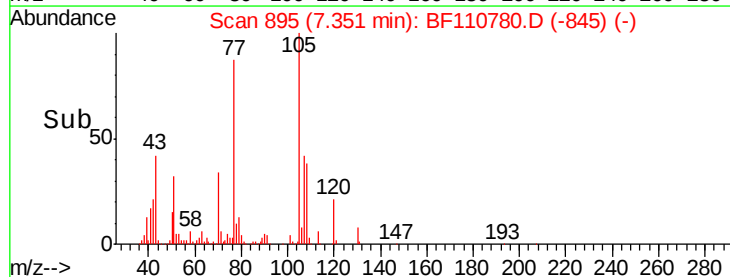
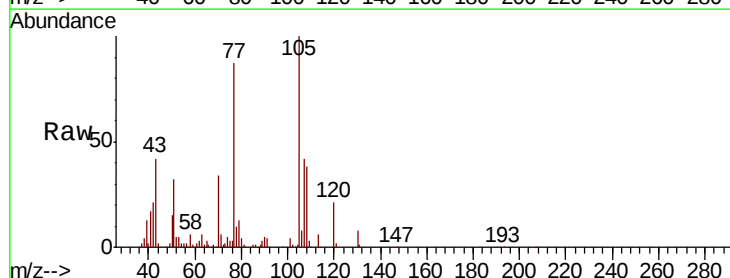
Ion Ratio Lower Upper

105 100

71 5.6 5.2 7.8

51 31.8 21.8 32.8

120 21.0 17.0 25.4



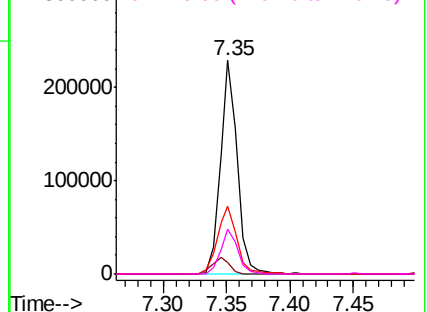
Abundance

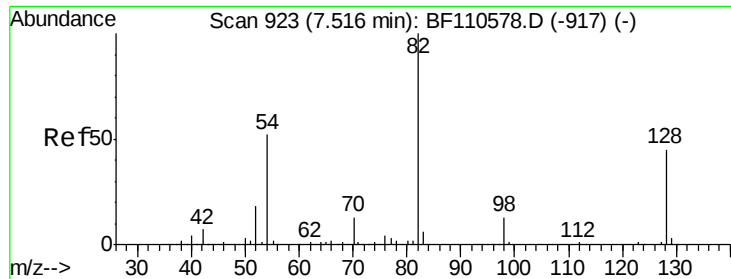
Ion 105.00 (104.70 to 105.70): E

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

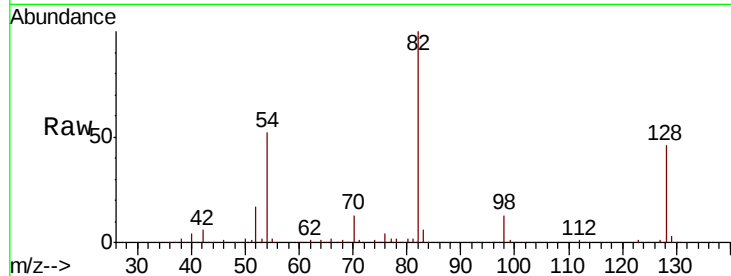




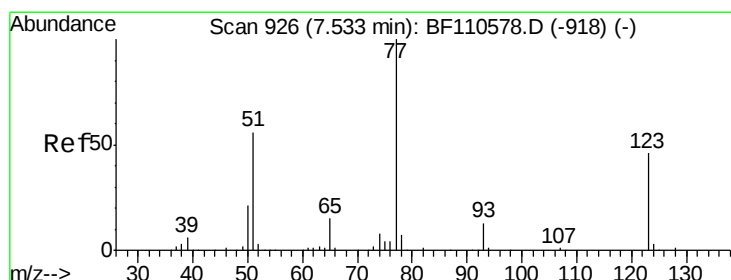
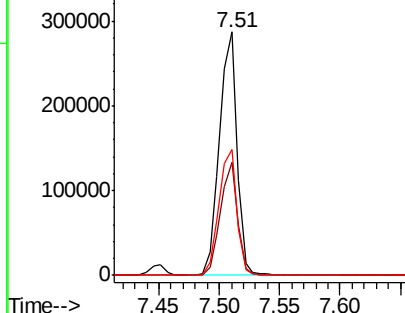
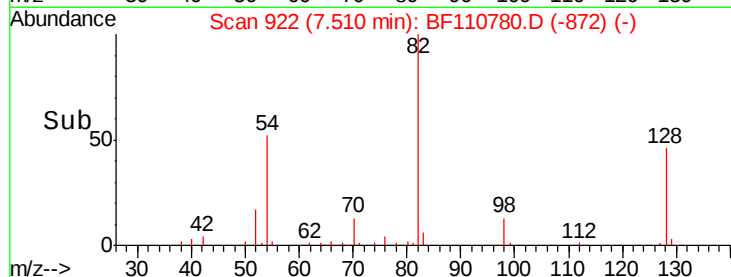
#23
 Nitrobenzene-d5
 Concen: 65.320 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.2	51.2
54	51.8	38.6	58.0

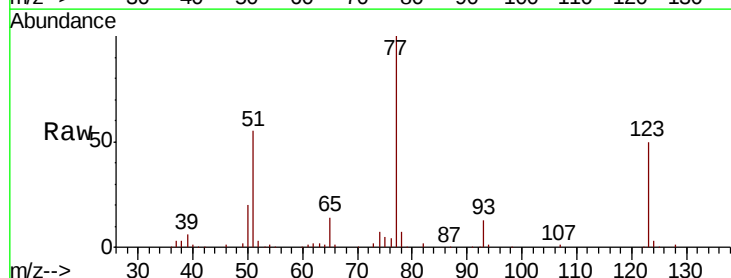


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

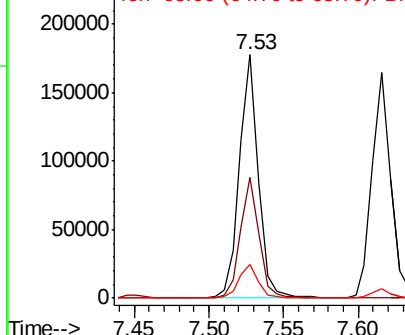
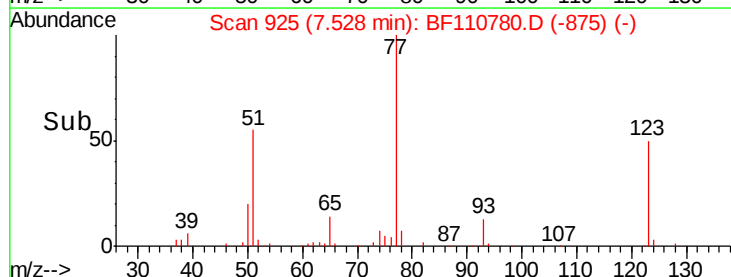


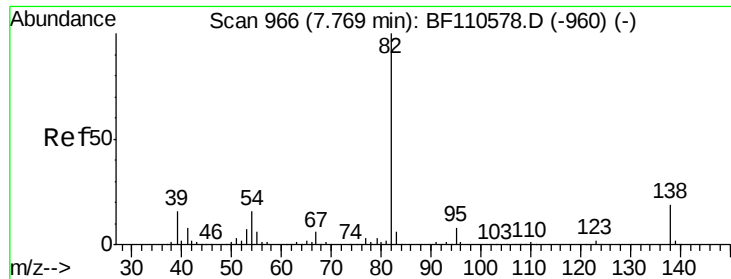
#24
 Nitrobenzene
 Concen: 34.740 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	35.7	53.5
65	14.0	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

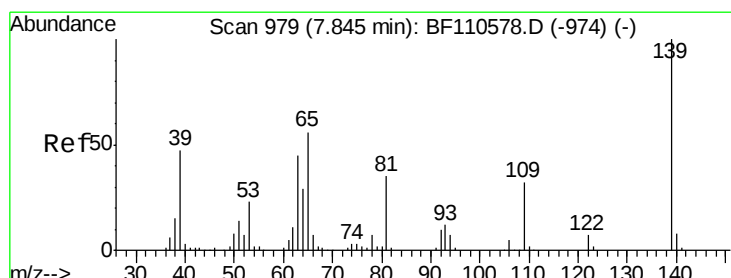
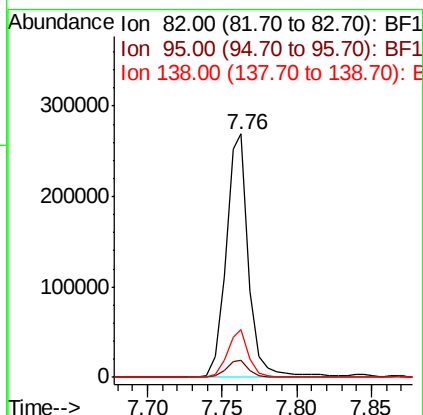
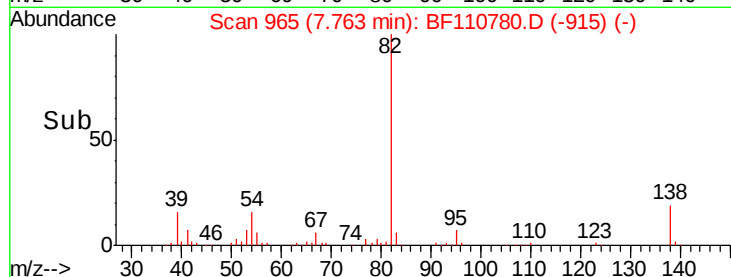
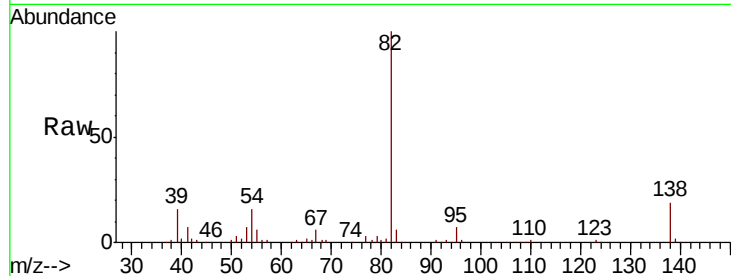




#25
Isophorone
Concen: 39.738 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

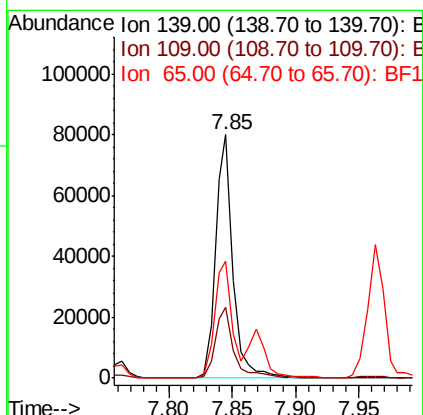
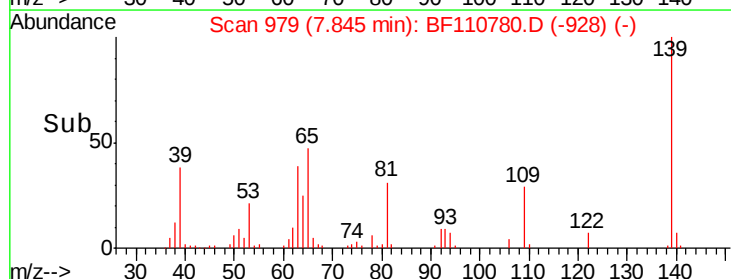
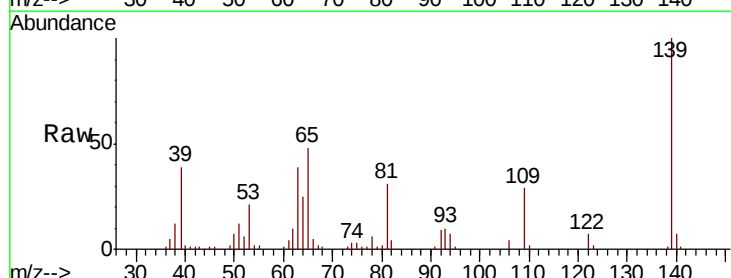
Instrument :
BNA_F
ClientSampleId :
PB114818BS

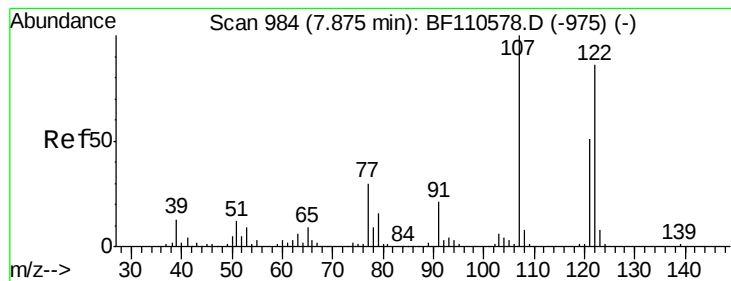
Tgt Ion: 82 Resp: 287064
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.5 13.2 19.8



#26
2-Nitrophenol
Concen: 34.120 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion: 139 Resp: 76865
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 48.0 44.0 66.0





#27

2,4-Dimethylphenol

Concen: 41.138 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

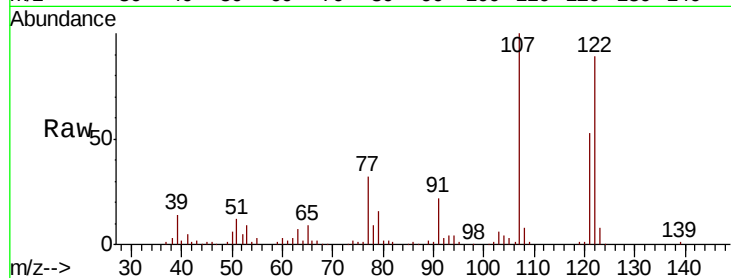
Tgt Ion: 122 Resp: 141138

Ion Ratio Lower Upper

122 100

107 112.7 92.5 138.7

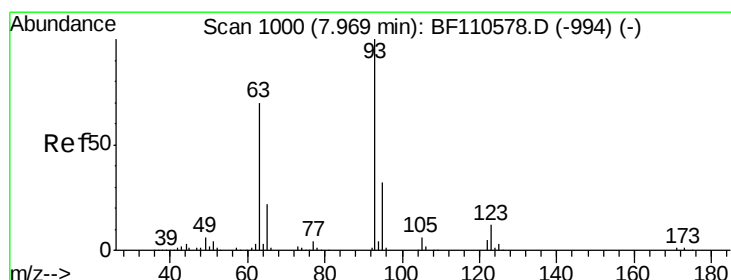
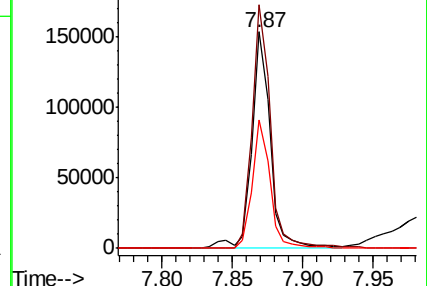
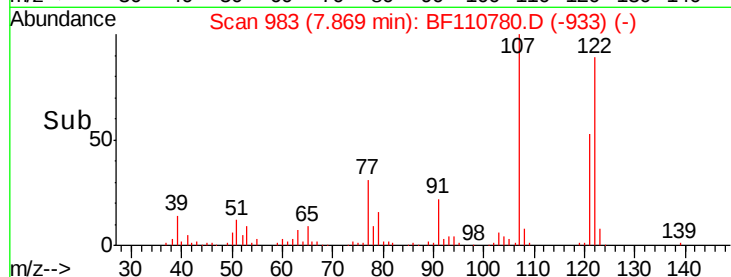
121 59.2 45.8 68.8



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: 36.690 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

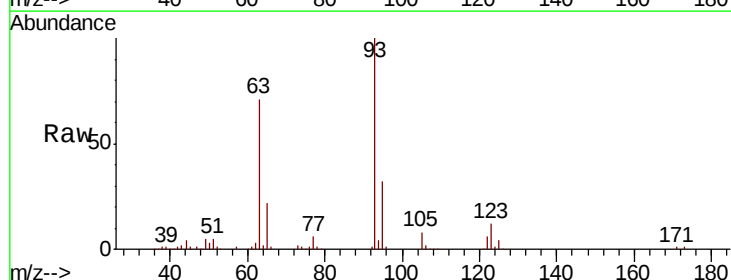
Tgt Ion: 93 Resp: 179451

Ion Ratio Lower Upper

93 100

95 32.2 26.4 39.6

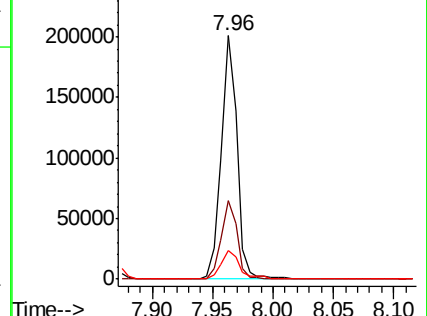
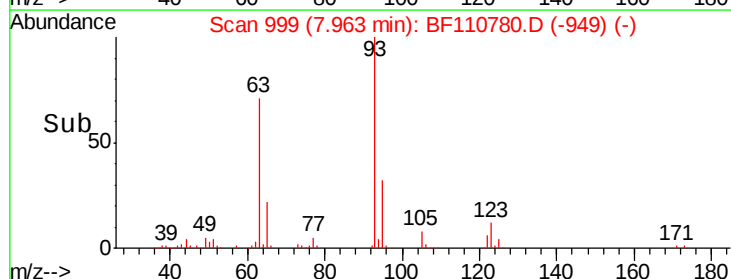
123 11.5 9.0 13.6

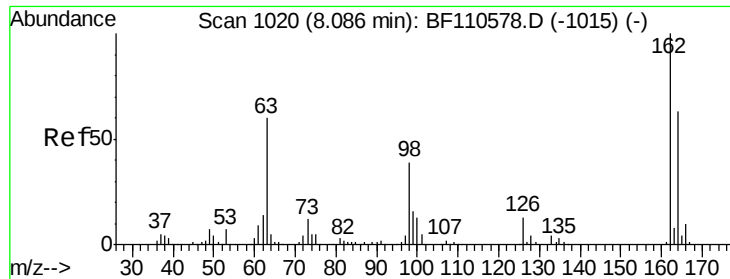


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

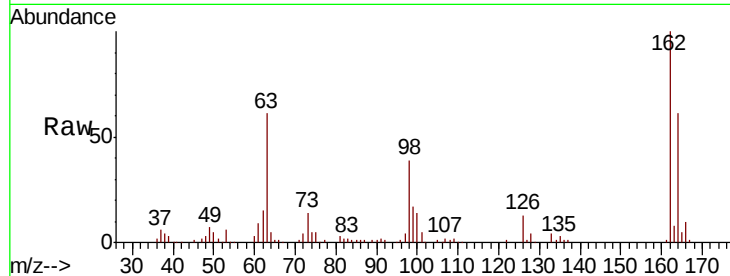




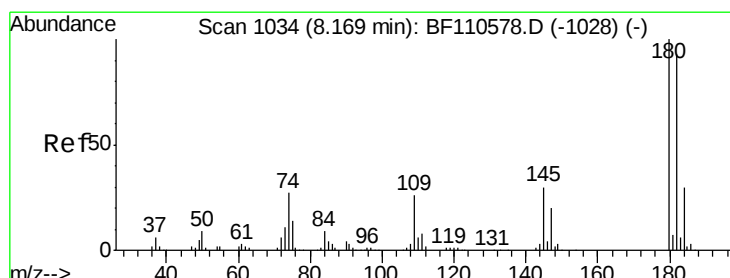
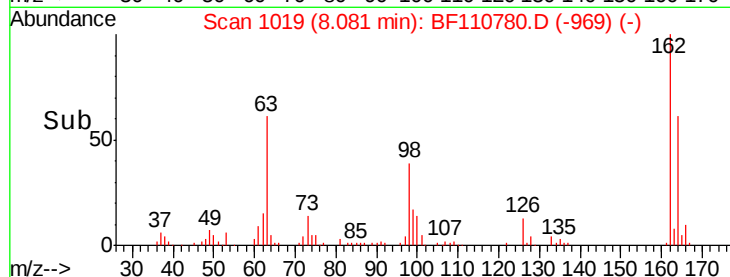
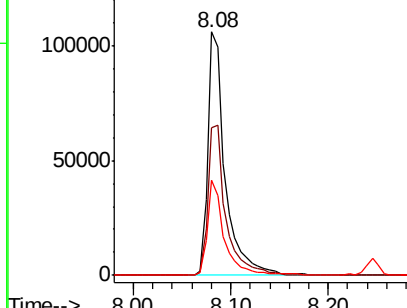
#29
 2,4-Dichlorophenol
 Concen: 37.161 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:162 Resp: 131187
 Ion Ratio Lower Upper
 162 100
 164 60.9 44.6 84.6
 98 38.9 17.4 57.4

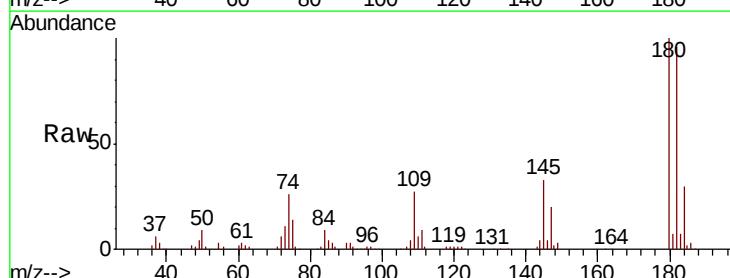


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

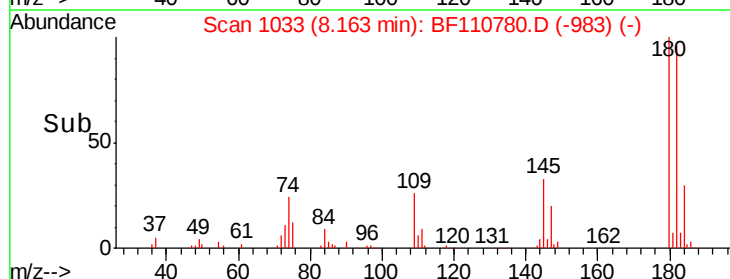
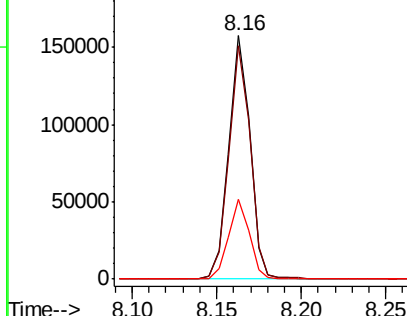


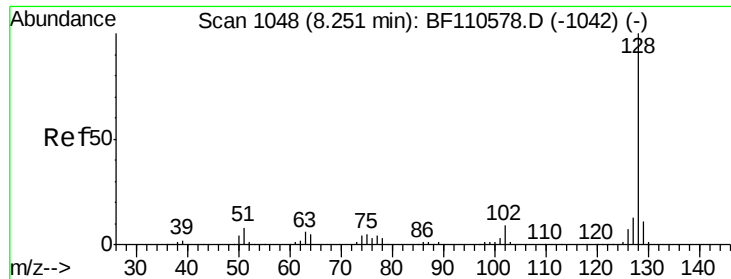
#30
 1,2,4-Trichlorobenzene
 Concen: 34.647 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:180 Resp: 137906
 Ion Ratio Lower Upper
 180 100
 182 96.0 80.3 120.5
 145 32.7 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

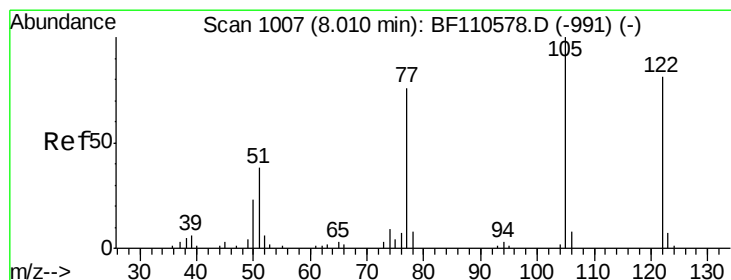
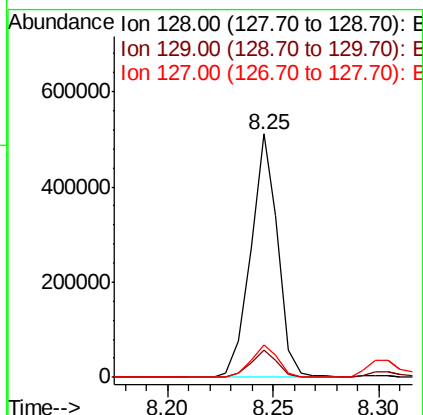
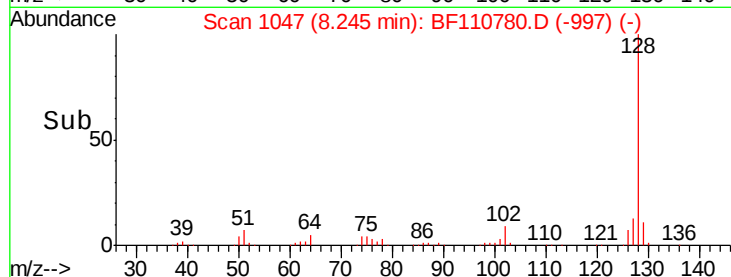
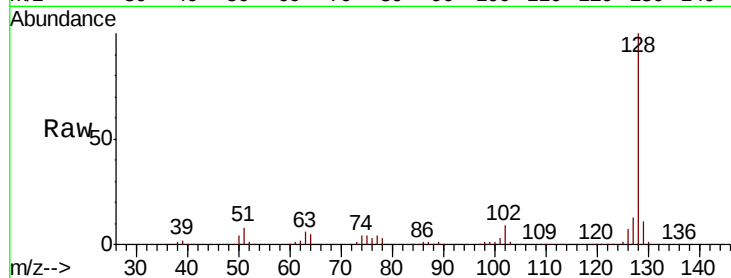




#31
Naphthalene
Concen: 37.882 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

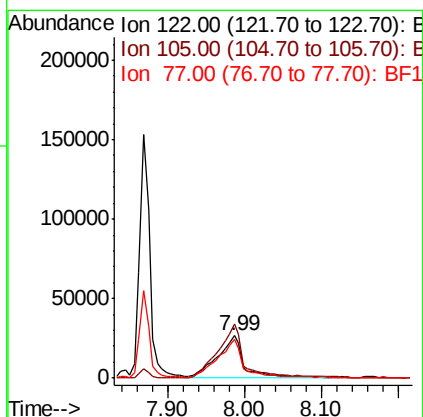
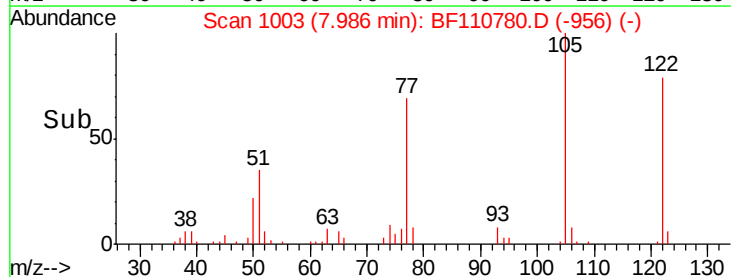
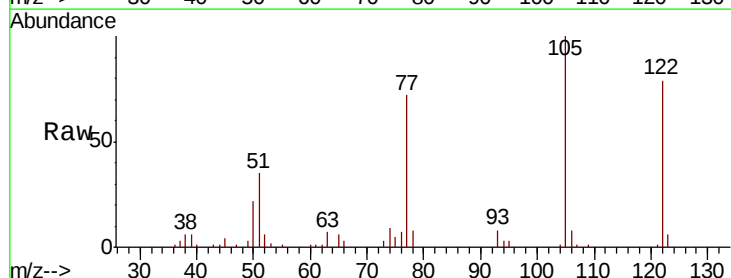
Instrument :
BNA_F
ClientSampleId :
PB114818BS

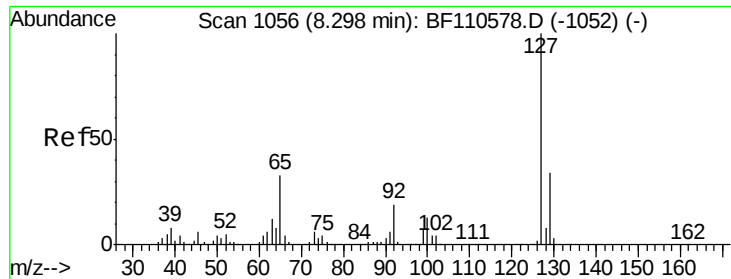
Tgt Ion:128 Resp: 451382
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 25.611 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:122 Resp: 62170
Ion Ratio Lower Upper
122 100
105 127.2 109.0 149.0
77 91.4 79.0 119.0

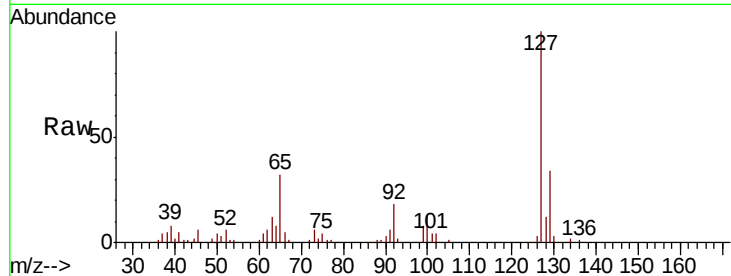




#33
4-Chloroaniline
Concen: 9.005 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:	127	Resp:	48601
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.0	39.0
65	31.8	25.1	37.7
92	18.3	15.0	22.6



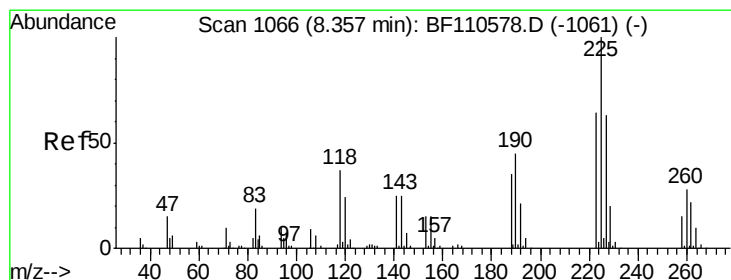
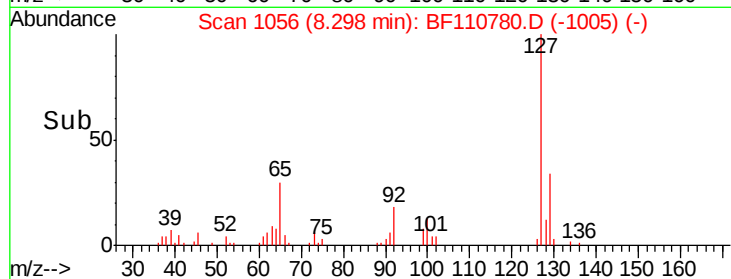
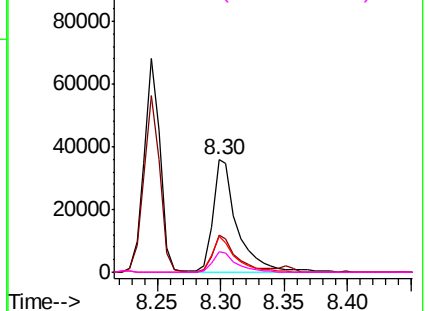
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

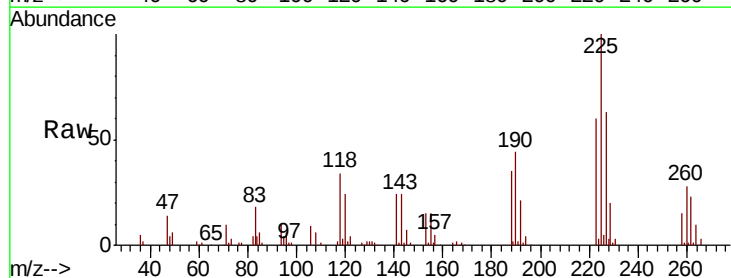
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 33.598 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:	225	Resp:	76383
Ion	Ratio	Lower	Upper
225	100		
223	59.6	51.4	77.2
227	63.1	51.0	76.6

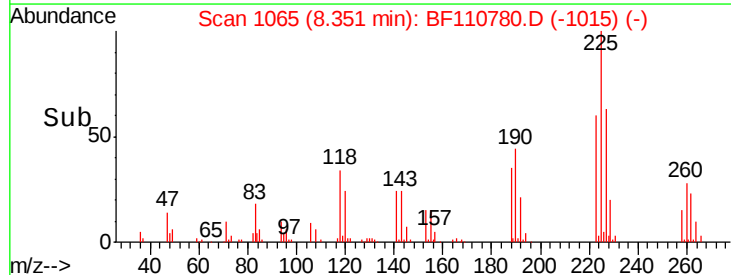
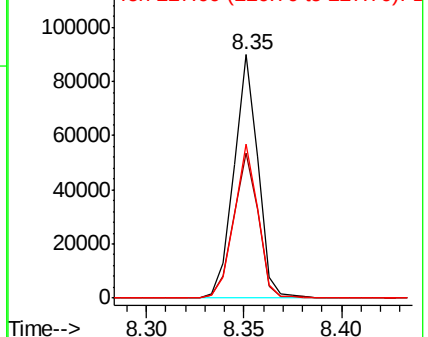


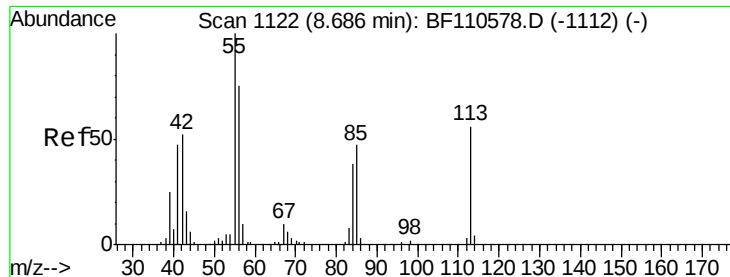
Abundance

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

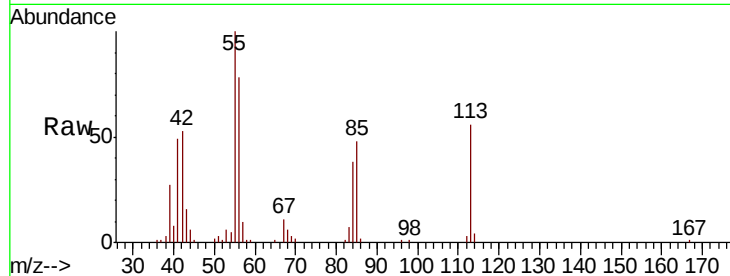




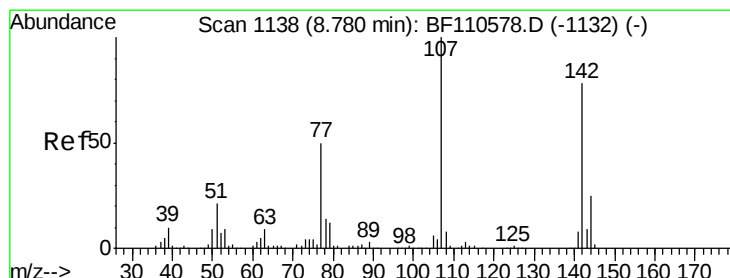
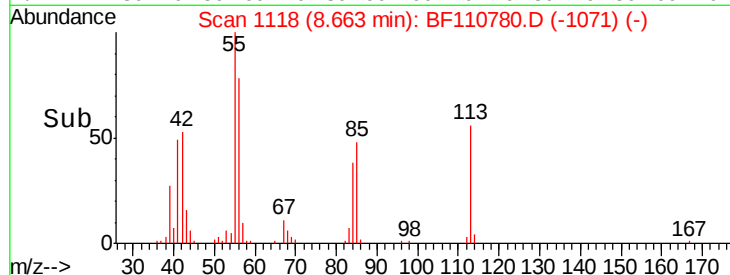
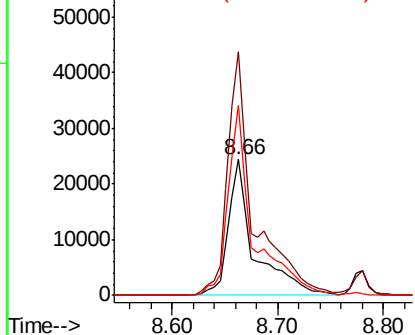
#35
 Caprolactam
 Concen: 35.096 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:113 Resp: 41394
 Ion Ratio Lower Upper
 113 100
 55 179.3 142.8 182.8
 56 139.4 105.0 145.0

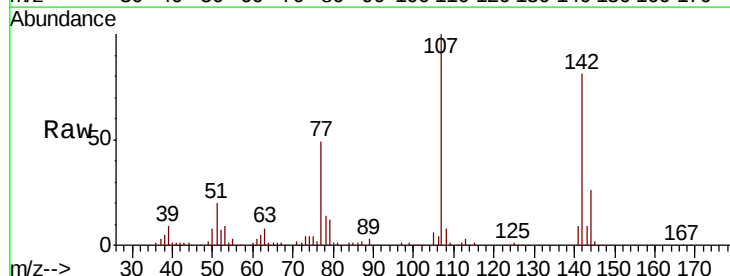


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

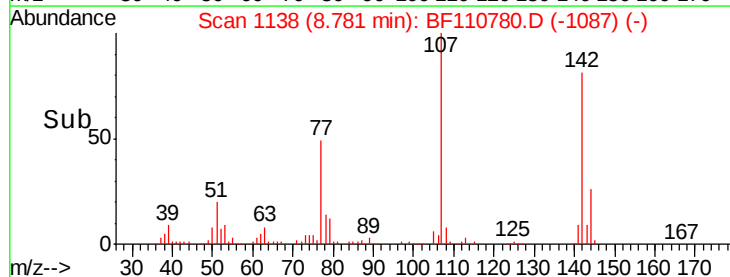
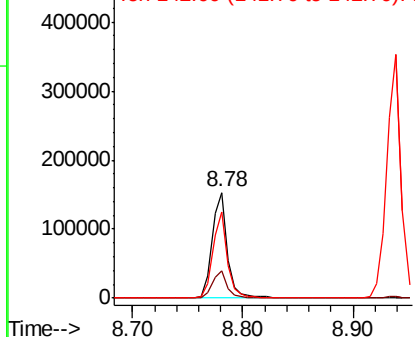


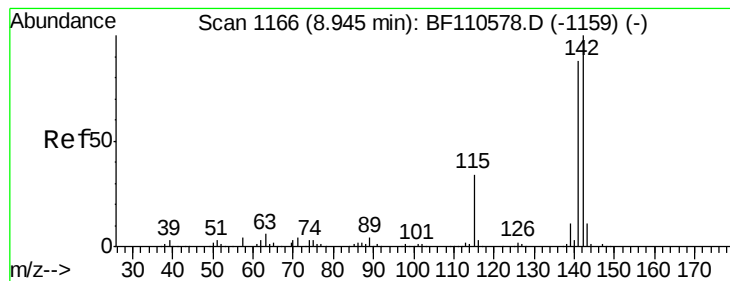
#36
 4-Chloro-3-methylphenol
 Concen: 37.144 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:107 Resp: 141419
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.0 30.0
 142 81.2 59.7 89.5



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





#37

2-Methylnaphthalene

Concen: 40.166 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

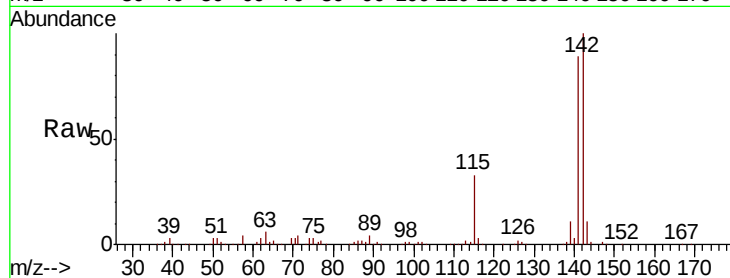
Tgt Ion:142 Resp: 313747

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

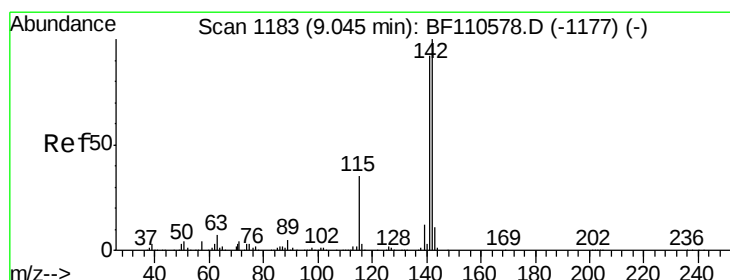
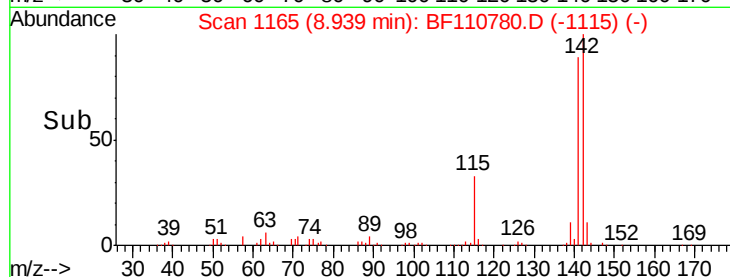
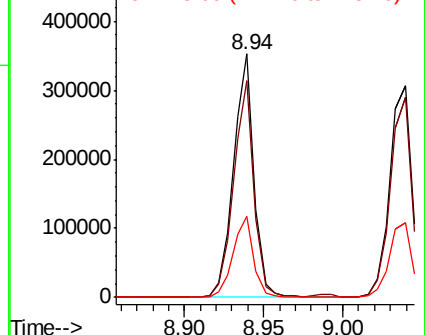
115 33.2 28.7 43.1



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: 39.315 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

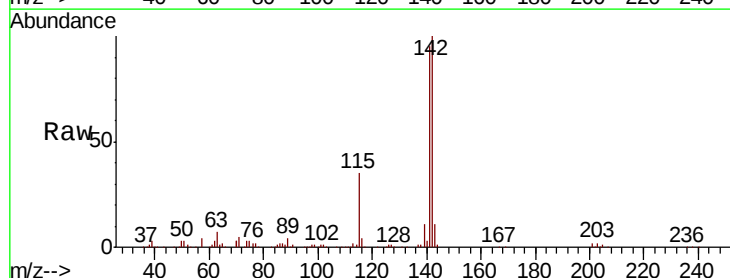
Tgt Ion:142 Resp: 295343

Ion Ratio Lower Upper

142 100

141 94.5 74.2 111.4

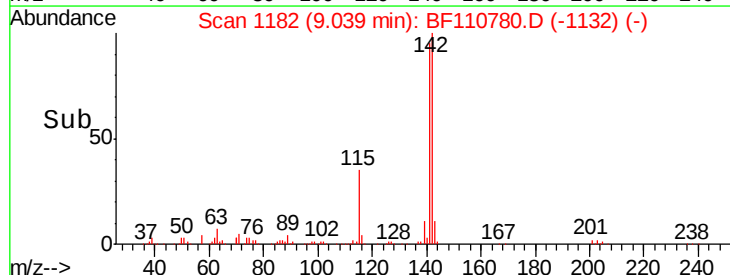
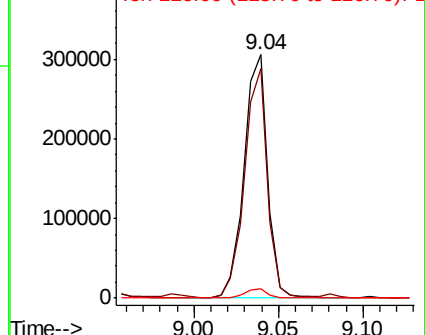
116 3.7 2.6 4.0

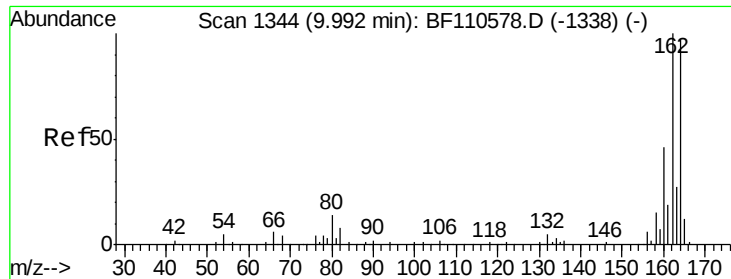


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

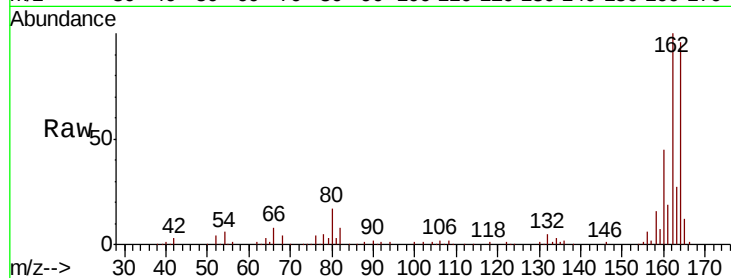
Tgt Ion:164 Resp: 120648

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

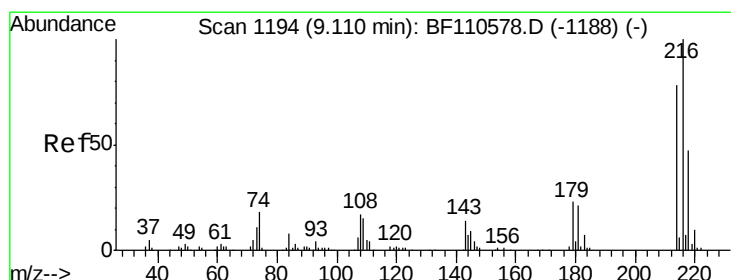
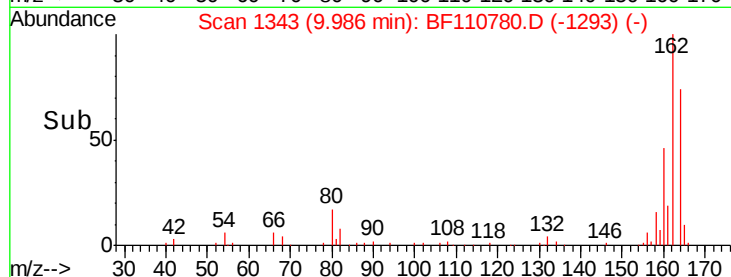
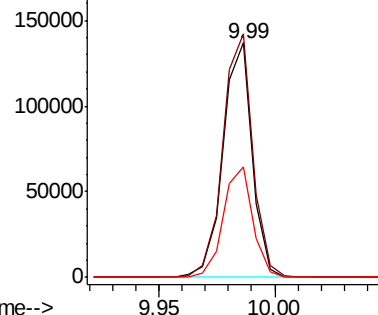
160 47.0 37.0 55.6



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: 35.040 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Tgt Ion:216 Resp: 133818

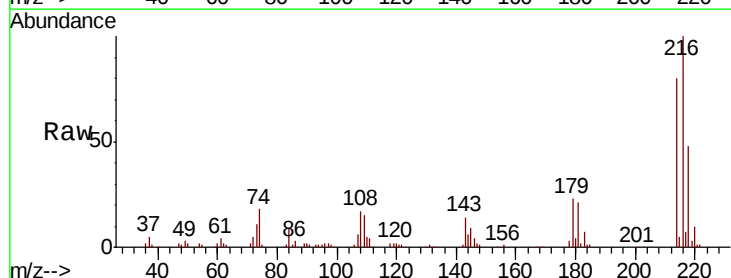
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 22.7 16.6 25.0

108 18.1 15.1 22.7

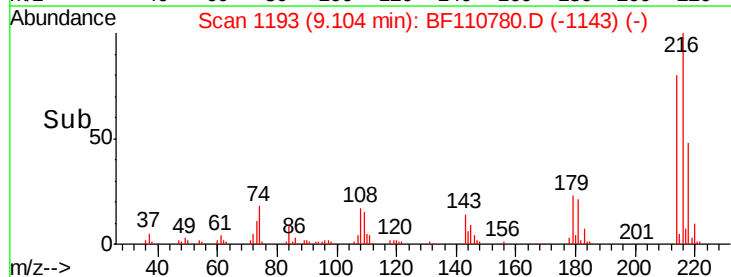
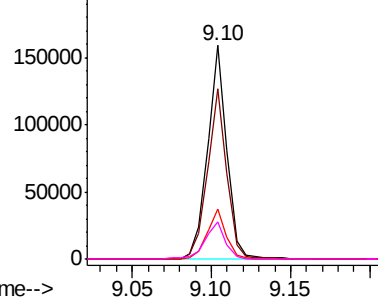


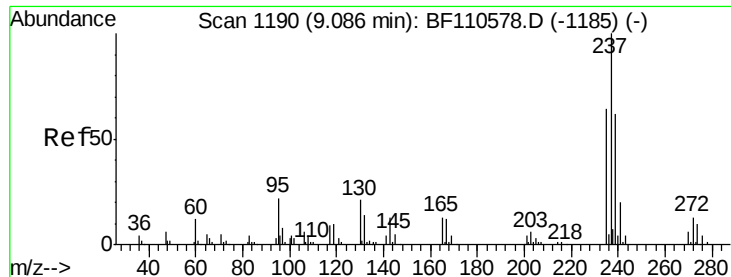
Abundance Ion 216.00 (215.70 to 216.70): E

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: 21.515 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

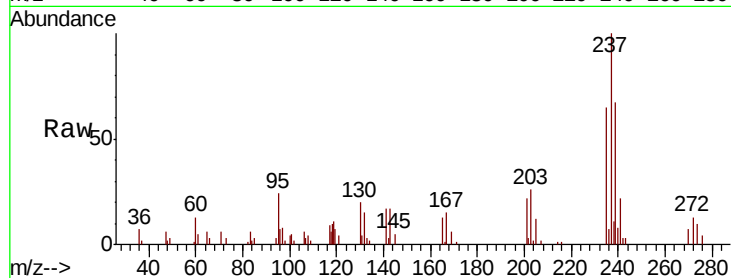
Tgt Ion:237 Resp: 22860

Ion Ratio Lower Upper

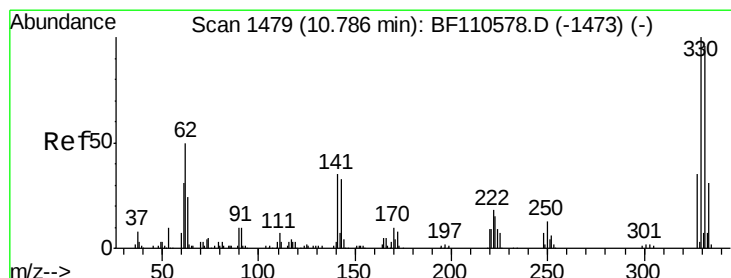
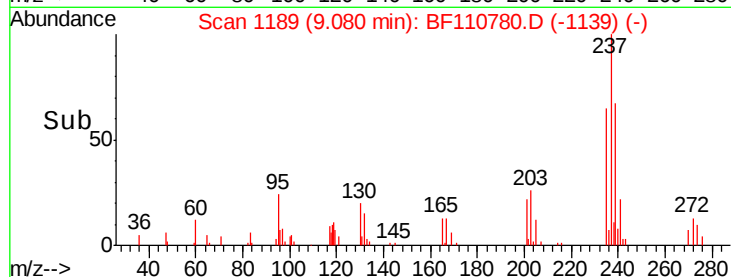
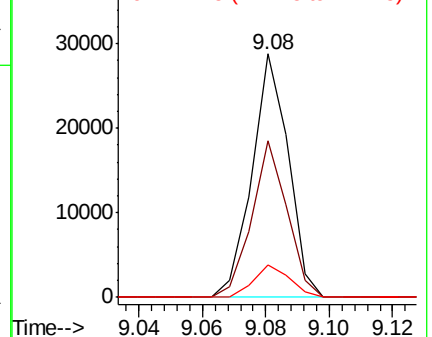
237 100

235 64.6 43.1 83.1

272 13.5 0.0 32.6



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



#42

2,4,6-Tribromophenol

Concen: 91.184 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

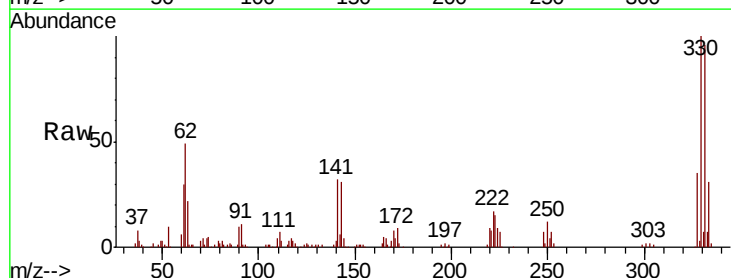
Tgt Ion:330 Resp: 110851

Ion Ratio Lower Upper

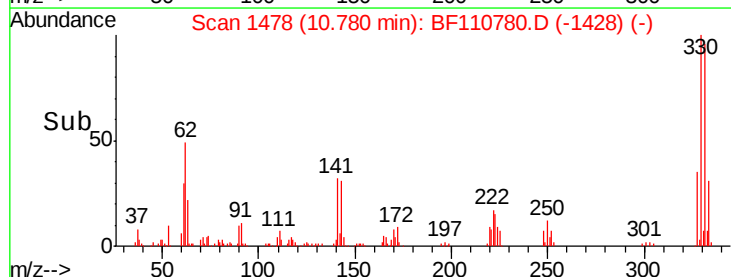
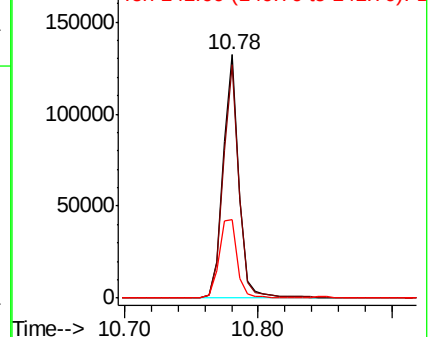
330 100

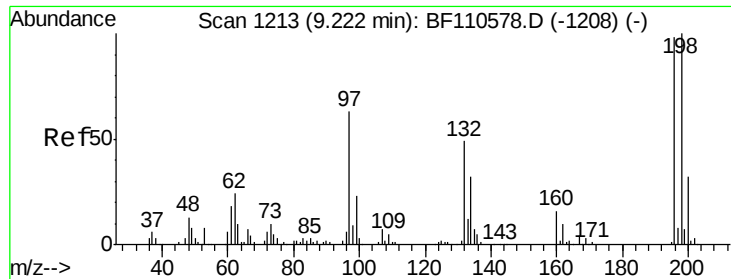
332 96.4 77.1 115.7

141 37.2 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

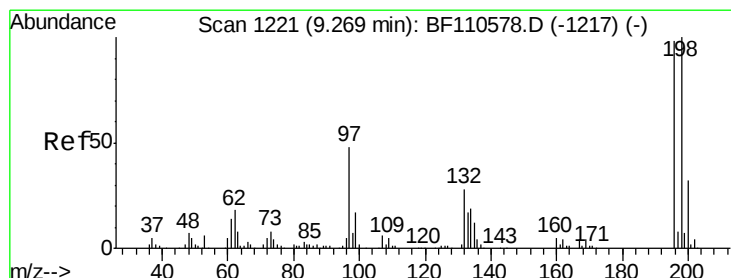
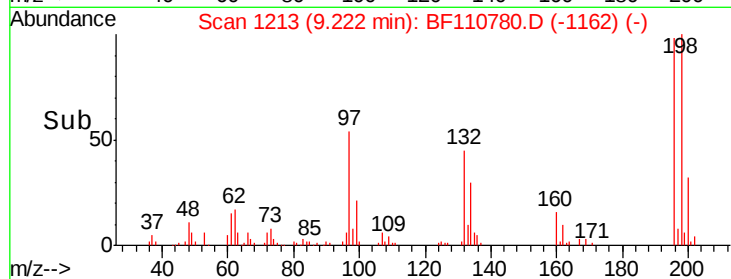
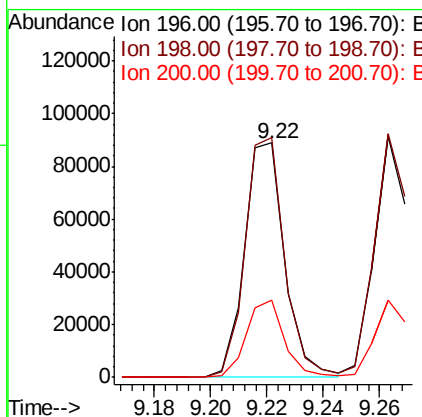
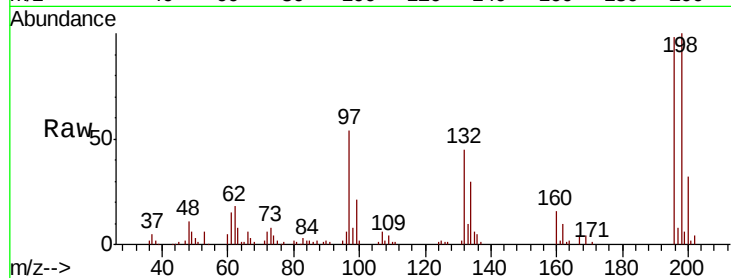




#43
 2,4,6-Trichlorophenol
 Concen: 36.561 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

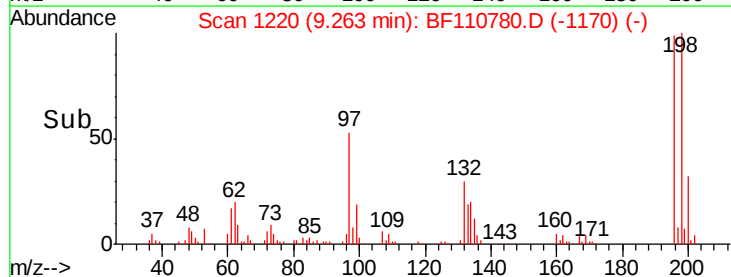
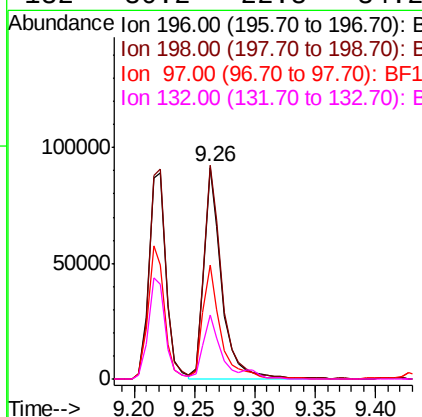
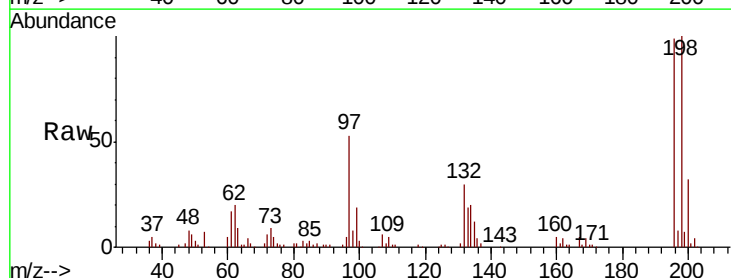
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

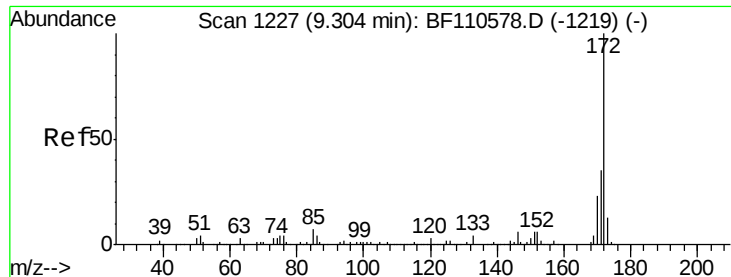
Tgt Ion:196 Resp: 87740
 Ion Ratio Lower Upper
 196 100
 198 102.1 76.2 114.4
 200 33.0 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 36.492 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:196 Resp: 93417
 Ion Ratio Lower Upper
 196 100
 198 100.9 75.8 113.6
 97 53.6 42.4 63.6
 132 30.2 22.8 34.2

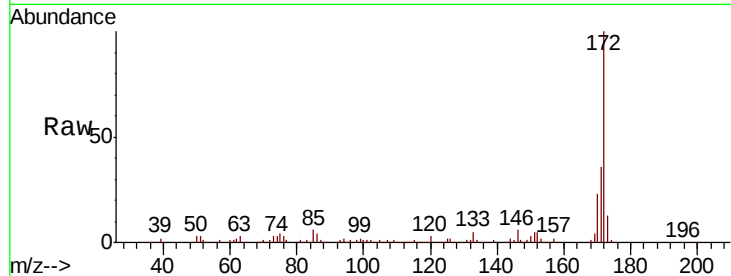




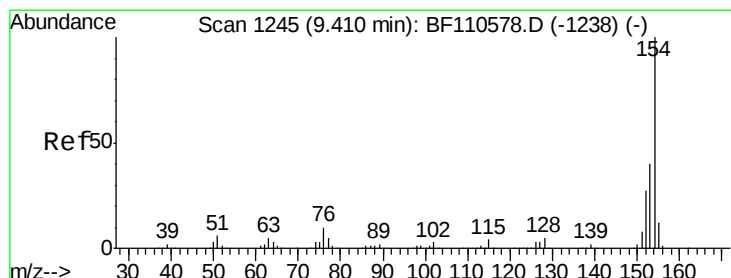
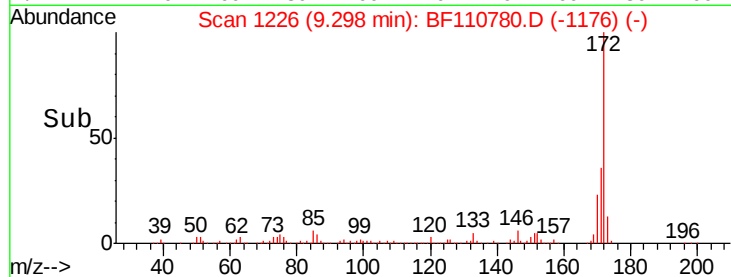
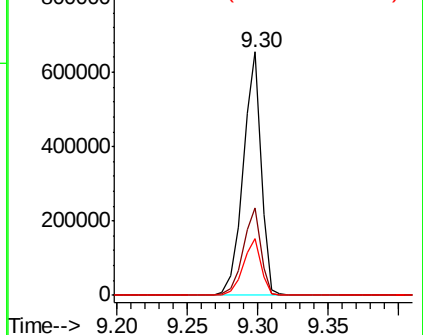
#45
 2-Fluorobiphenyl
 Concen: 68.328 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:172 Resp: 577210
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 23.1 19.7 29.5

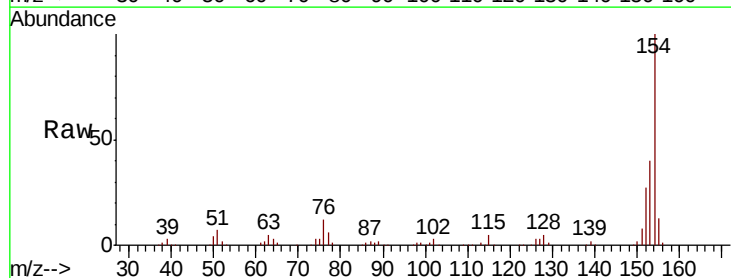


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

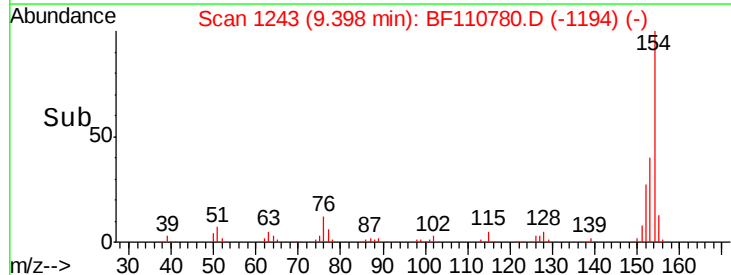
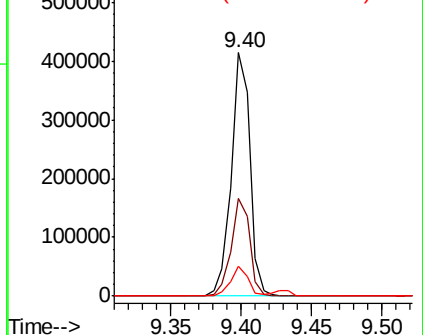


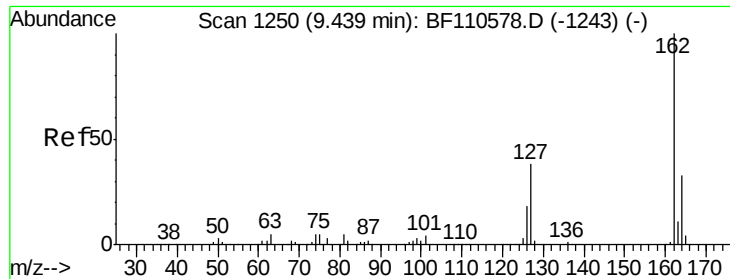
#46
 1,1'-Biphenyl
 Concen: 34.022 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:154 Resp: 382911
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.4 60.4
 76 12.3 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

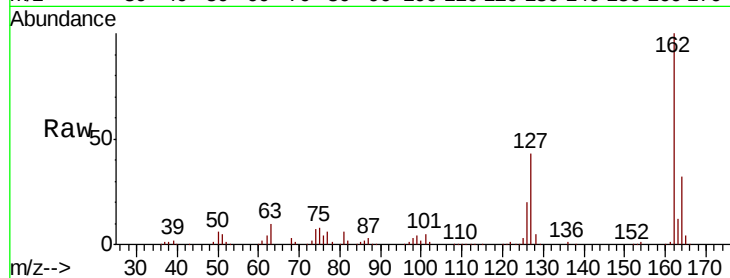




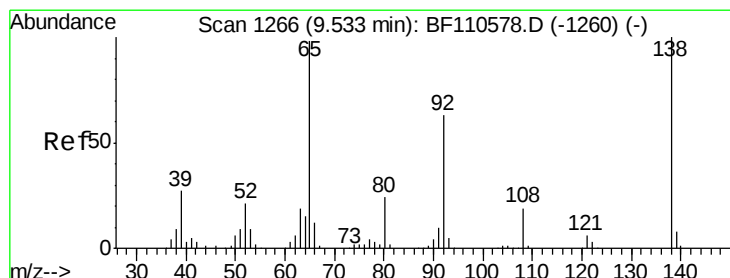
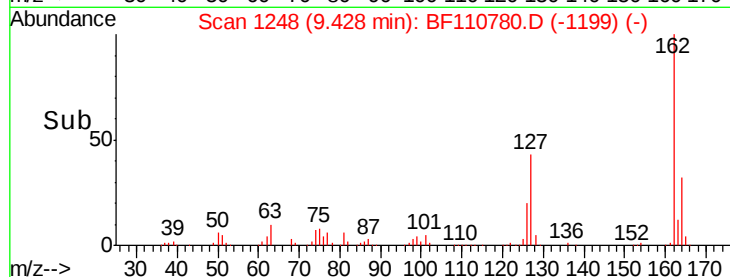
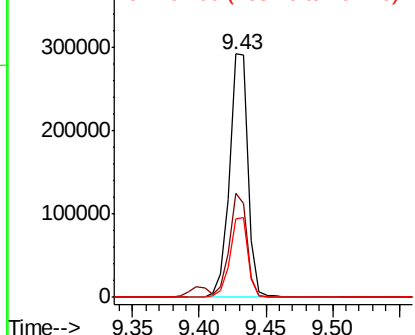
#47
2-Chloronaphthalene
Concen: 35.548 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion: 162 Resp: 288234
Ion Ratio Lower Upper
162 100
127 42.5 32.6 48.8
164 32.4 25.9 38.9

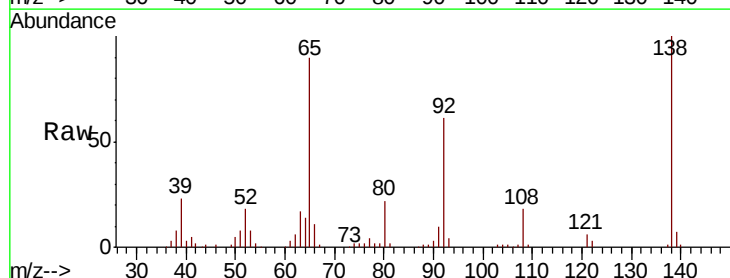


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

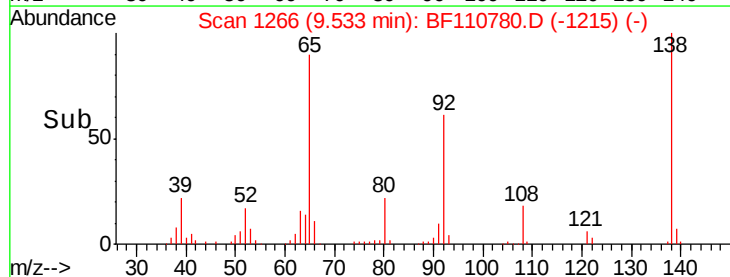
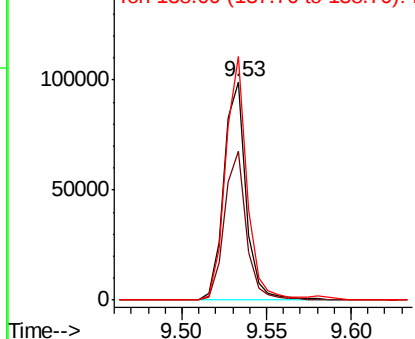


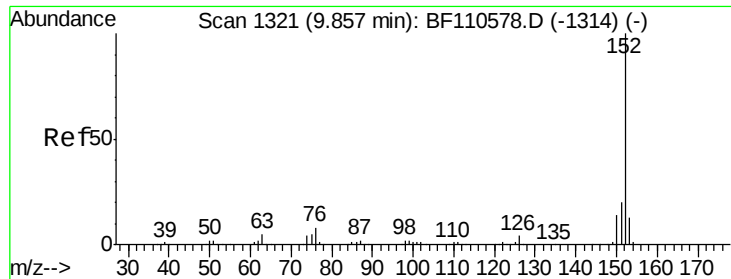
#48
2-Nitroaniline
Concen: 36.406 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion: 65 Resp: 90966
Ion Ratio Lower Upper
65 100
92 68.0 54.6 81.8
138 111.4 80.3 120.5



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.081 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

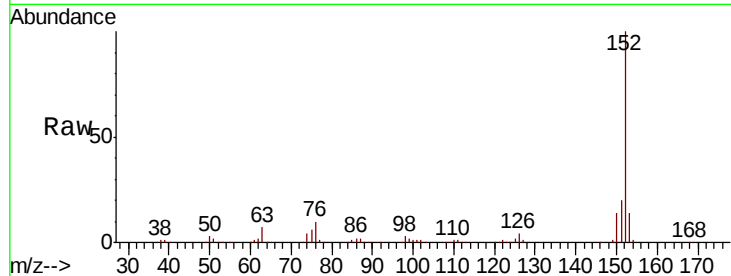
Tgt Ion:152 Resp: 456356

Ion Ratio Lower Upper

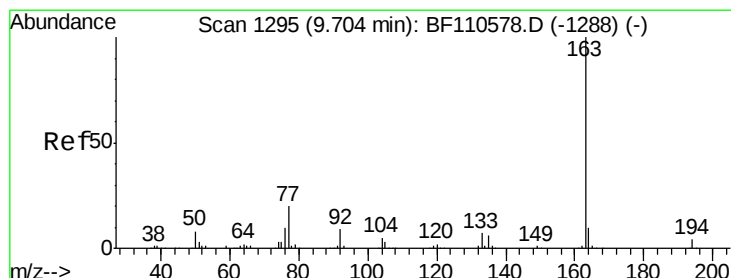
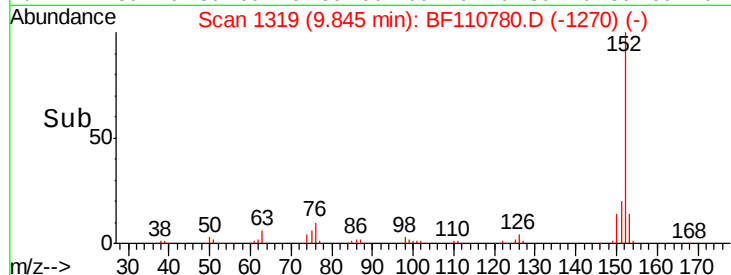
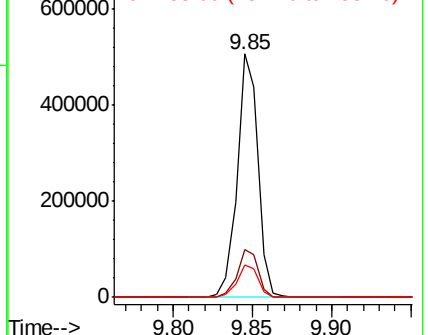
152 100

151 19.9 15.8 23.8

153 13.5 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: 37.711 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

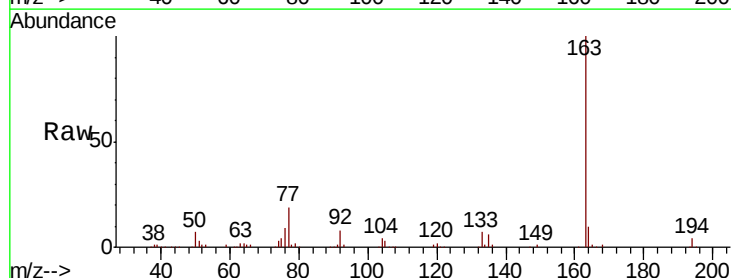
Tgt Ion:163 Resp: 339492

Ion Ratio Lower Upper

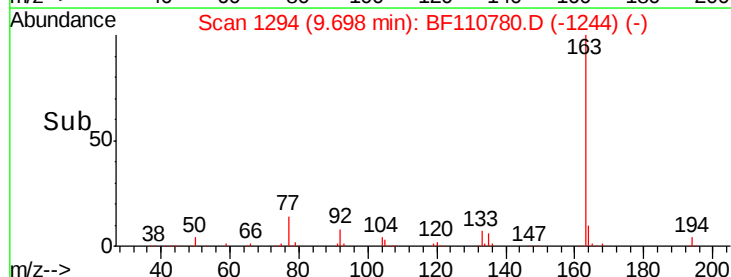
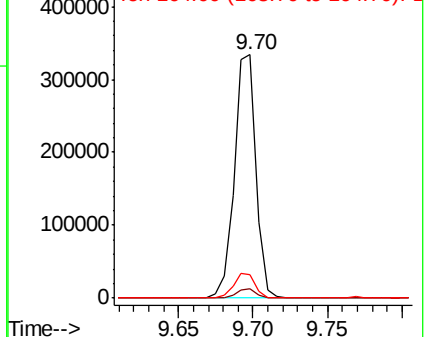
163 100

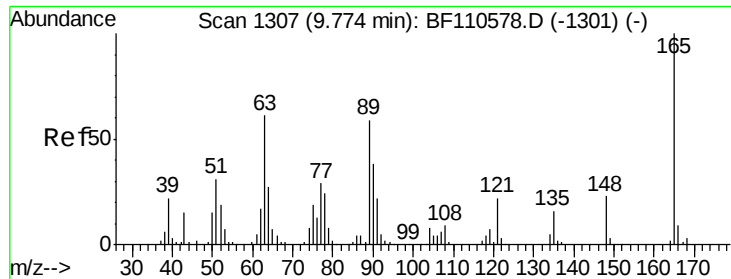
194 3.7 3.2 4.8

164 9.6 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

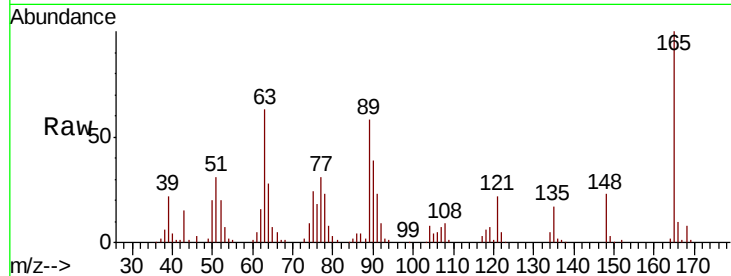




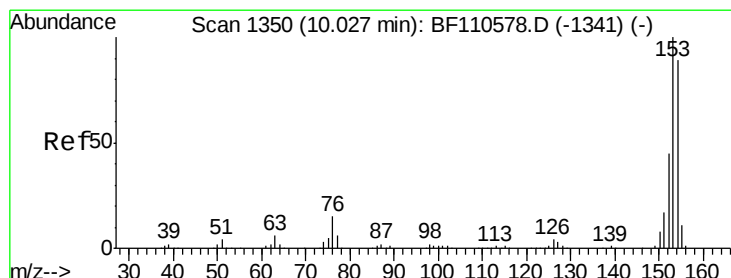
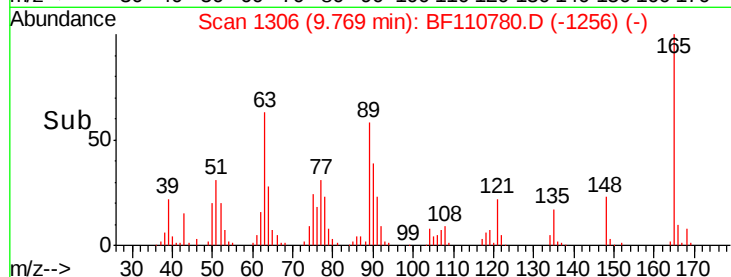
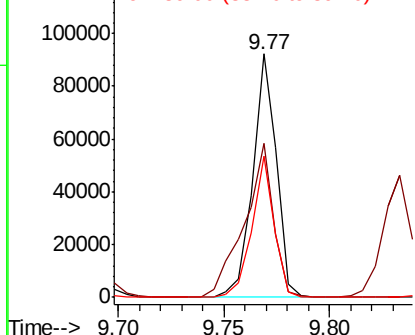
#51
 2,6-Dinitrotoluene
 Concen: 36.117 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:165 Resp: 71524
 Ion Ratio Lower Upper
 165 100
 63 63.1 48.9 73.3
 89 57.8 46.6 69.8

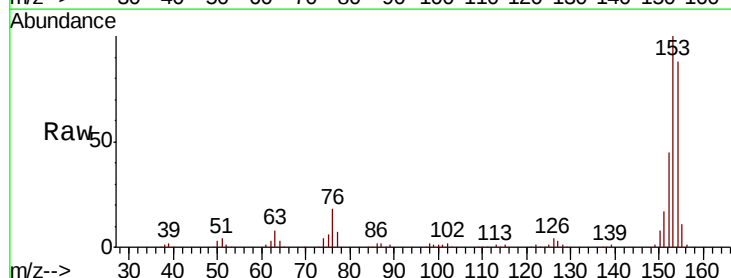


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

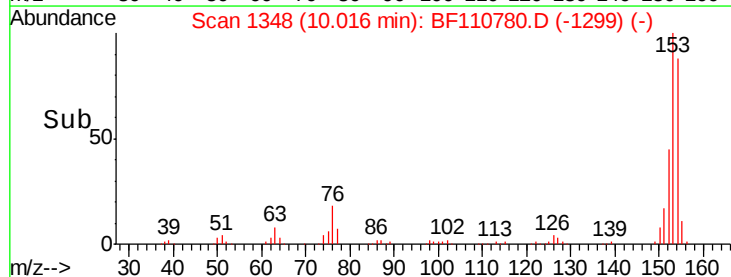
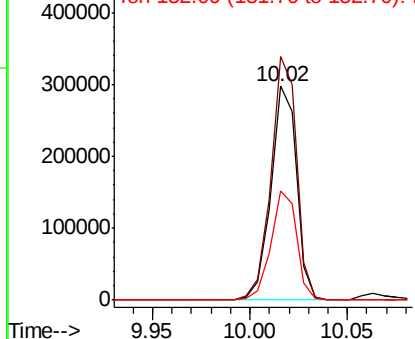


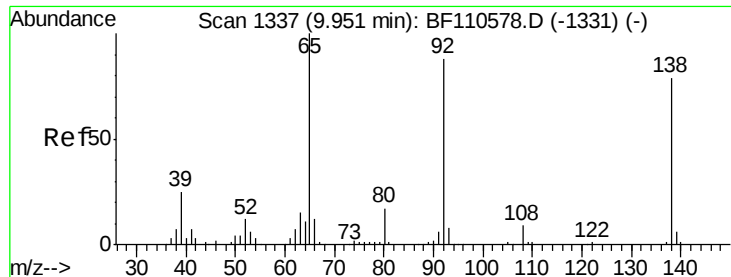
#52
 Acenaphthene
 Concen: 36.852 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:154 Resp: 271947
 Ion Ratio Lower Upper
 154 100
 153 113.7 90.1 135.1
 152 51.1 43.4 65.2



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

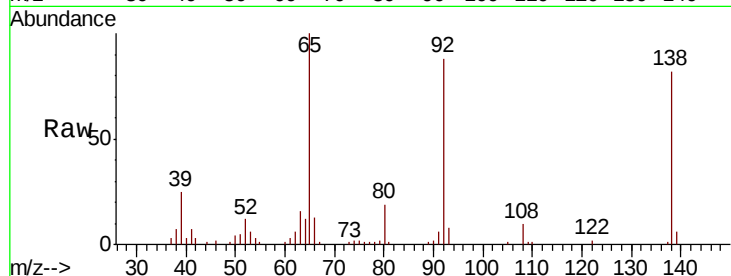




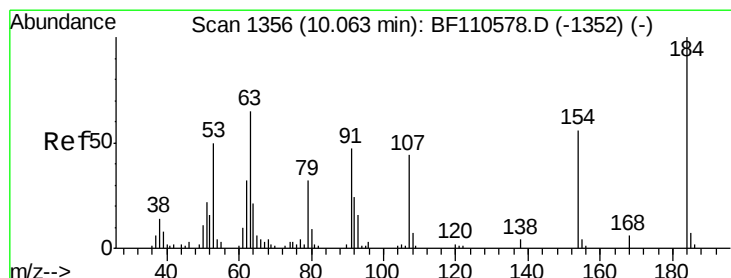
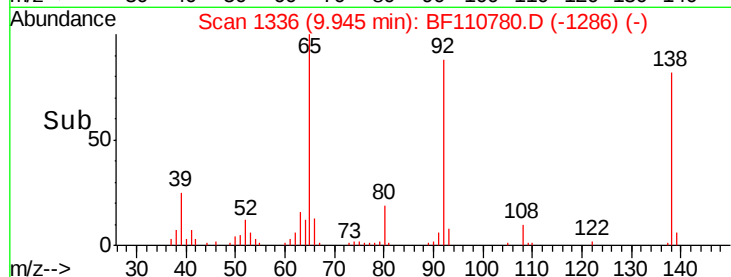
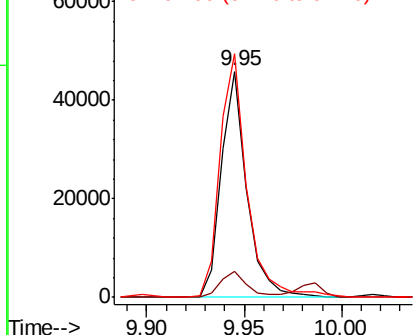
#53
3-Nitroaniline
Concen: 18.184 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:138 Resp: 41720
Ion Ratio Lower Upper
138 100
108 11.6 8.7 13.1
92 107.8 97.0 145.4

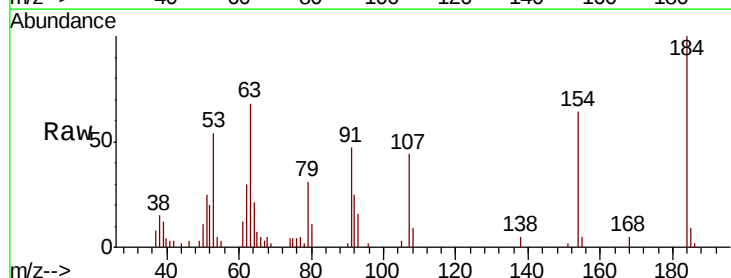


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

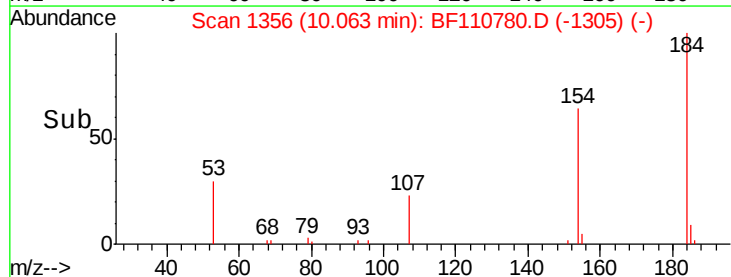
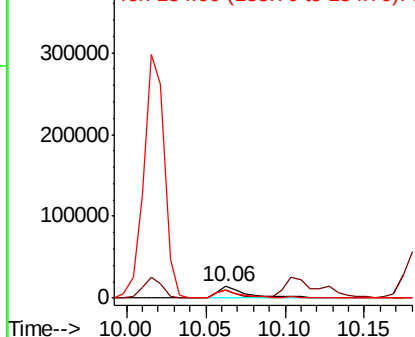


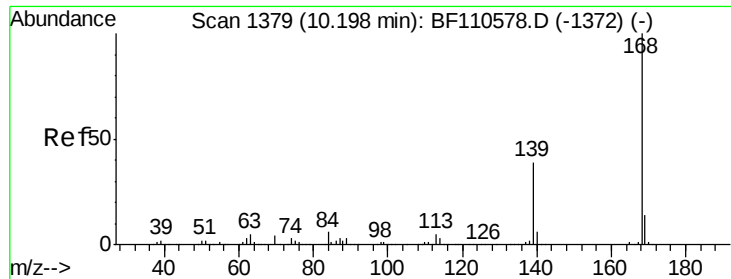
#54
2,4-Dinitrophenol
Concen: 26.315 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:184 Resp: 18115
Ion Ratio Lower Upper
184 100
63 68.4 55.8 83.6
154 63.9 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

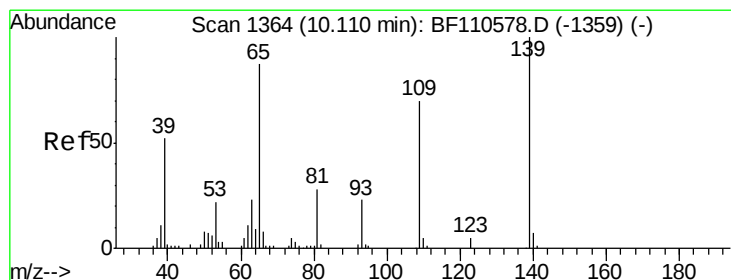
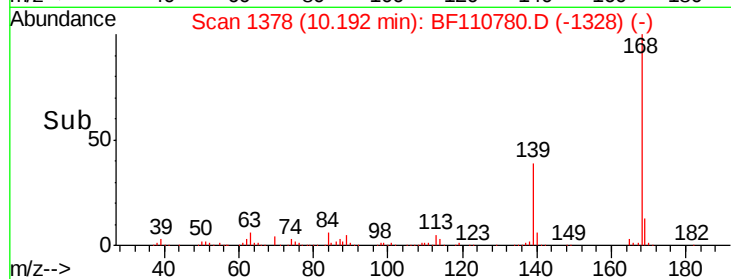
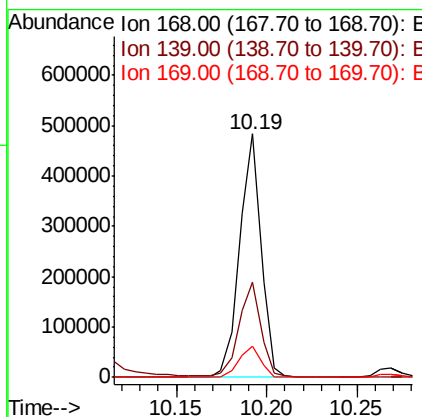
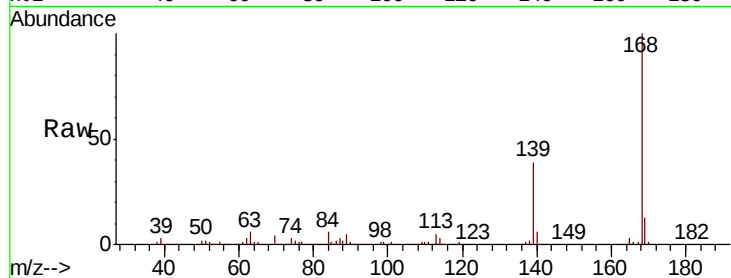




#55
Dibenzenofuran
Concen: 36.899 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

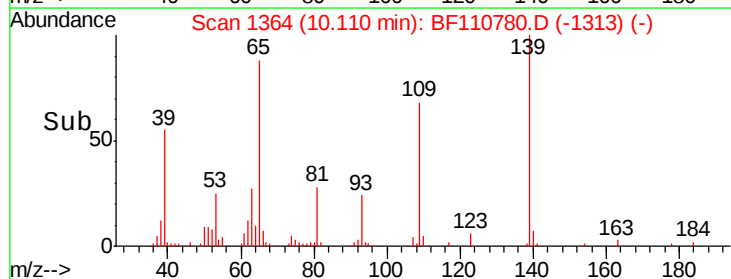
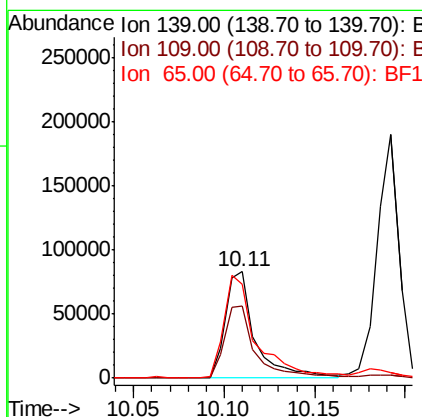
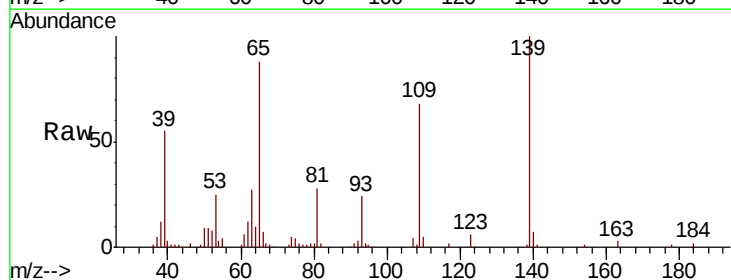
Instrument :
BNA_F
ClientSampleId :
PB114818BS

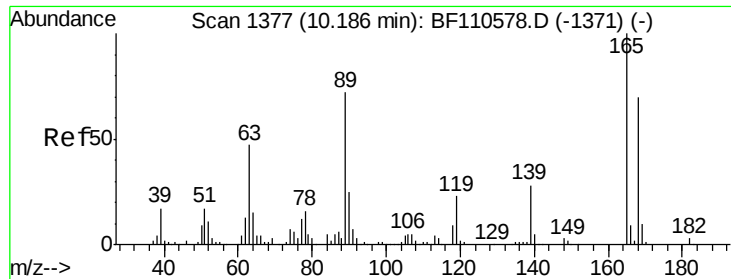
Tgt Ion:168 Resp: 398383
Ion Ratio Lower Upper
168 100
139 39.2 33.0 49.6
169 13.0 11.3 16.9



#56
4-Nitrophenol
Concen: 63.114 ng
RT: 10.11 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:139 Resp: 96068
Ion Ratio Lower Upper
139 100
109 68.3 55.8 95.8
65 88.3 77.9 117.9

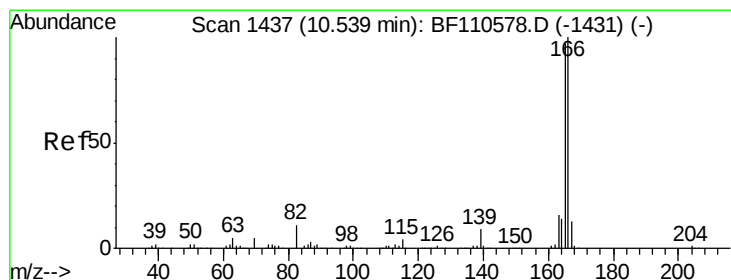
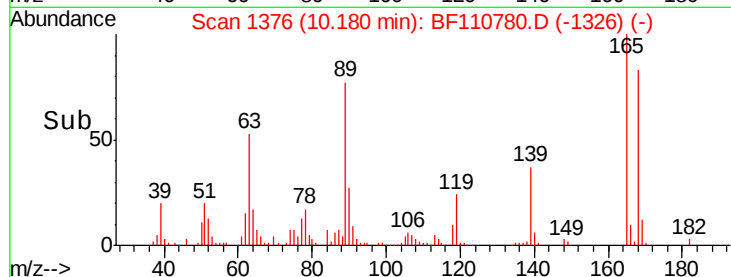
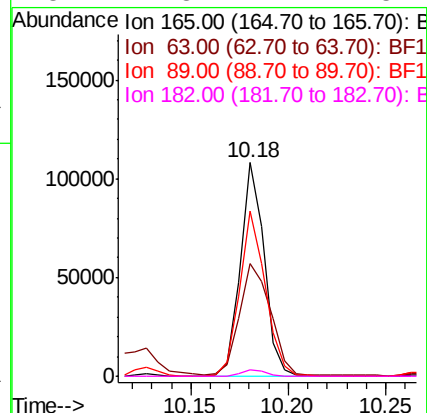
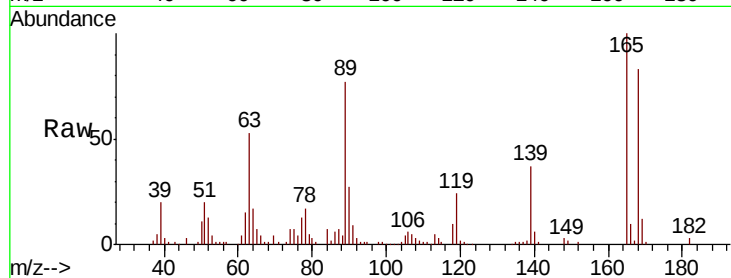




#57
 2,4-Dinitrotoluene
 Concen: 35.503 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

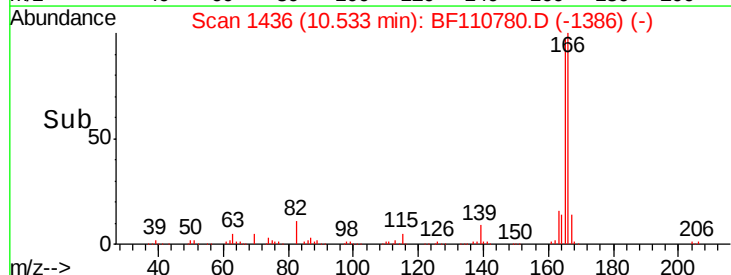
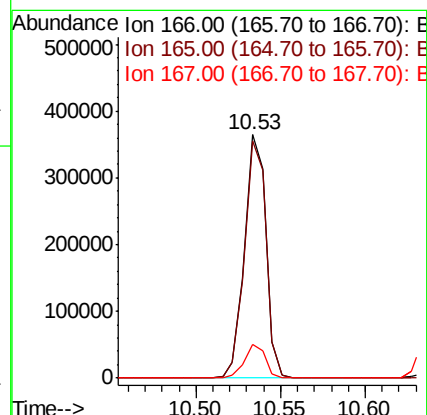
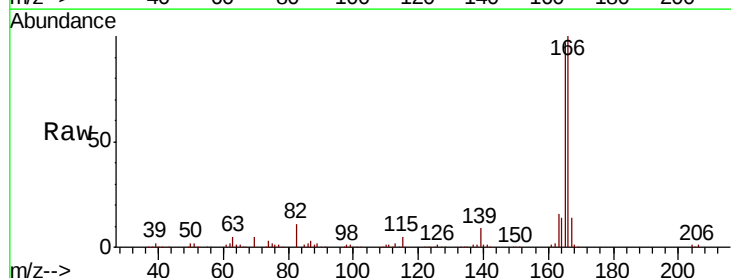
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

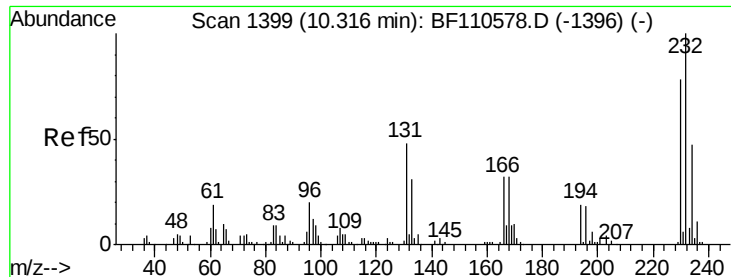
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.8	44.8	67.2
89	77.1	62.2	93.4
182	2.8	2.1	3.1



#58
 Fluorene
 Concen: 38.974 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.6	117.8
167	13.9	10.8	16.2

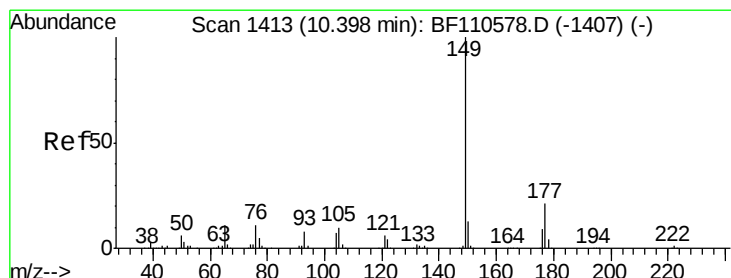
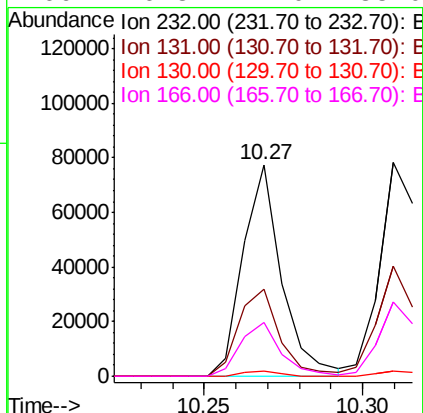
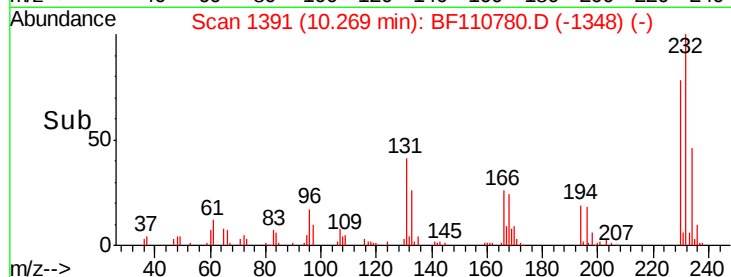
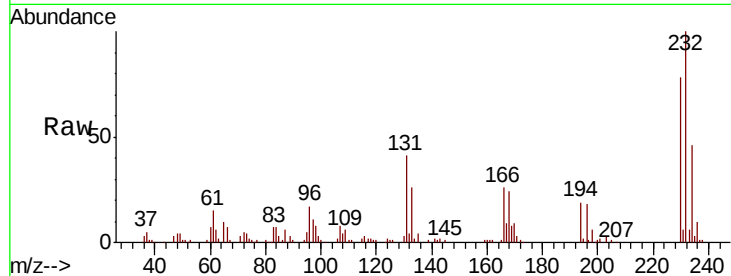




#59
2,3,4,6-Tetrachlorophenol
Concen: 32.522 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.05 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

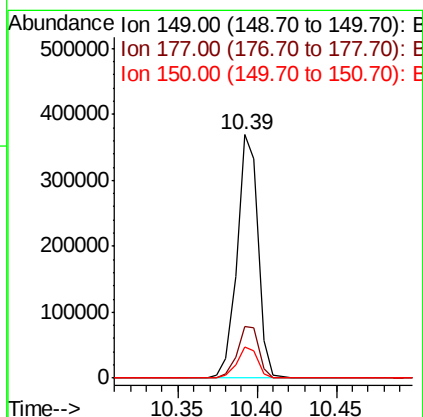
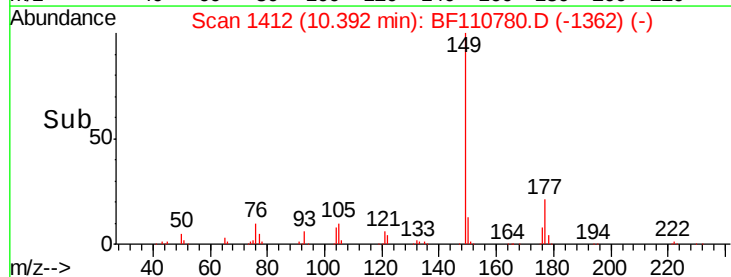
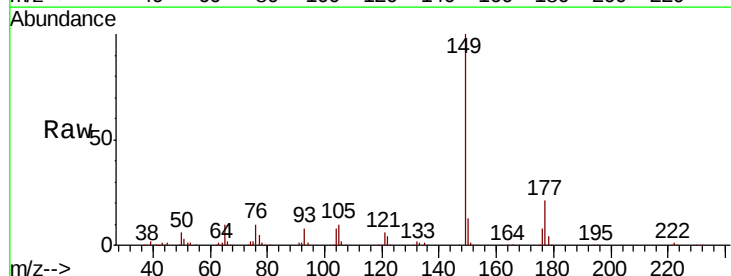
Instrument :
BNA_F
ClientSampleId :
PB114818BS

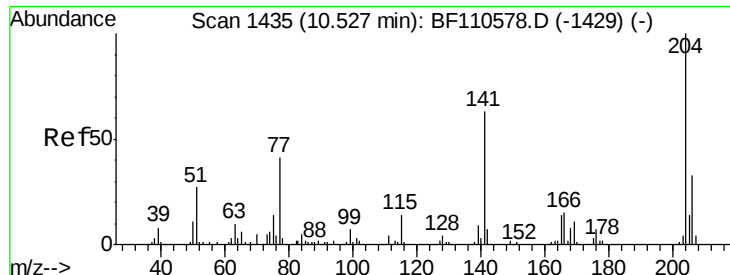
Tgt Ion:232 Resp: 65494
Ion Ratio Lower Upper
232 100
131 43.8 37.0 55.4
130 2.3 1.8 2.6
166 26.8 22.0 33.0



#60
Diethylphthalate
Concen: 37.934 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:149 Resp: 337847
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.8 9.8 14.8

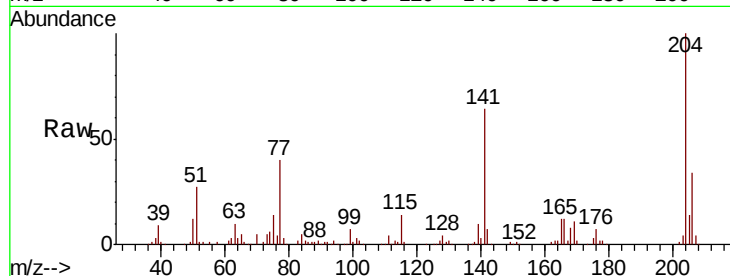




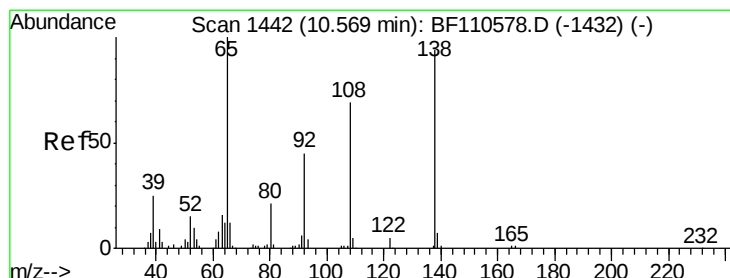
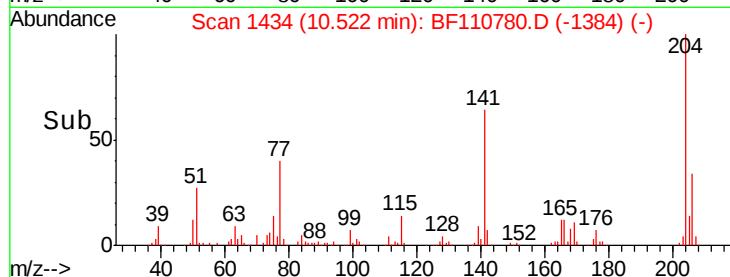
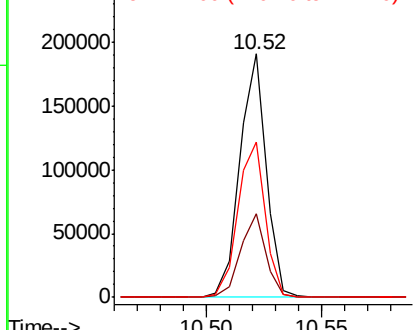
#61
4-Chlorophenyl-phenylether
Concen: 35.431 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion: 204 Resp: 152136
Ion Ratio Lower Upper
204 100
206 34.4 26.5 39.7
141 63.6 51.8 77.8

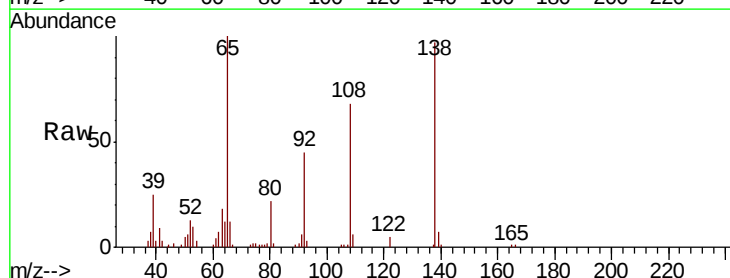


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

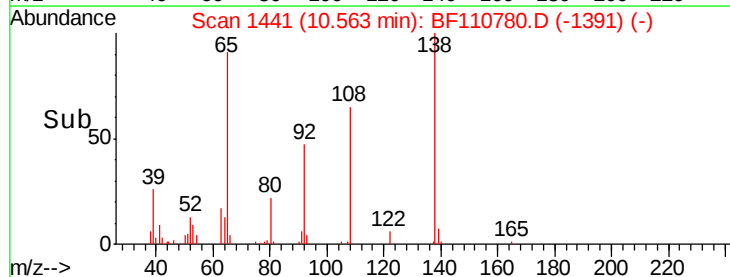
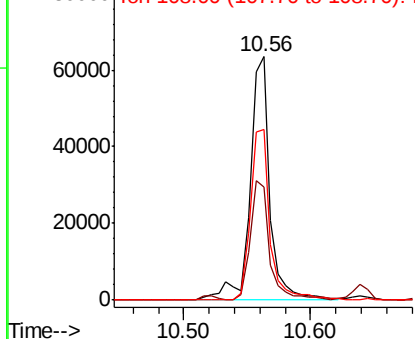


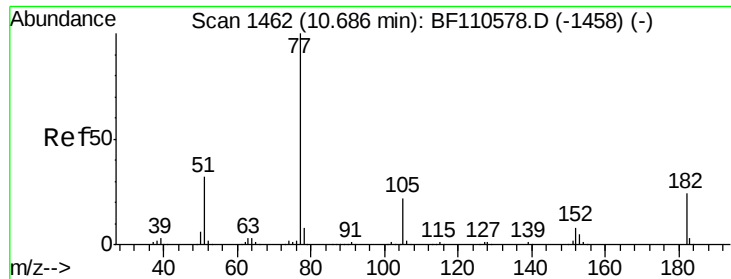
#62
4-Nitroaniline
Concen: 30.323 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion: 138 Resp: 70057
Ion Ratio Lower Upper
138 100
92 46.6 31.7 71.7
108 70.2 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: 36.329 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

Tgt Ion: 77 Resp: 315671

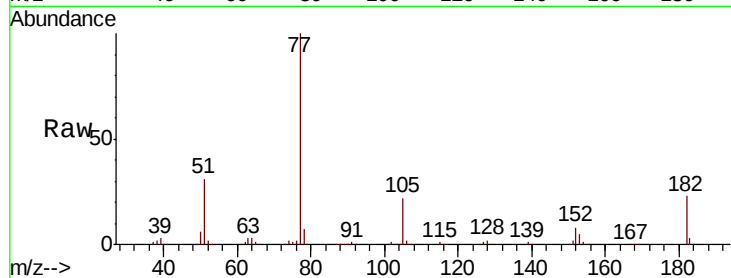
Ion Ratio Lower Upper

77 100

182 23.4 4.3 44.3

105 22.2 1.3 41.3

51 31.0 9.0 49.0

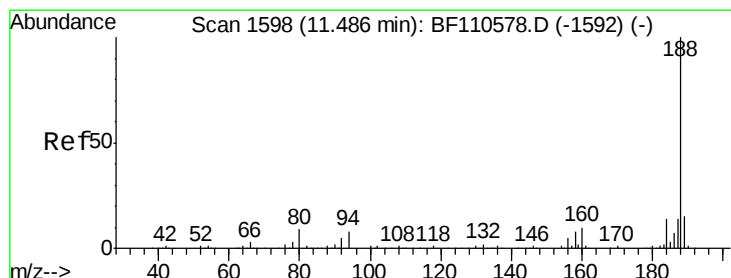
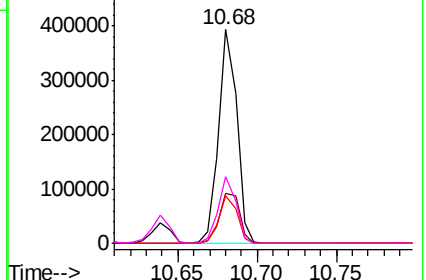
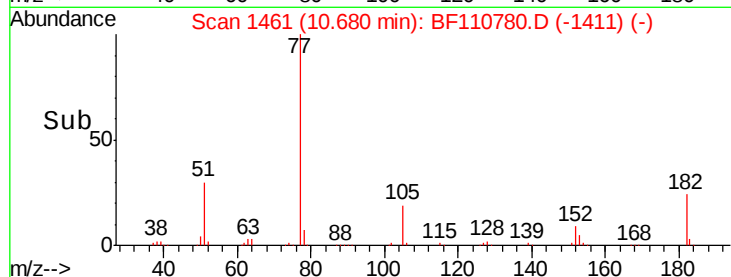


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

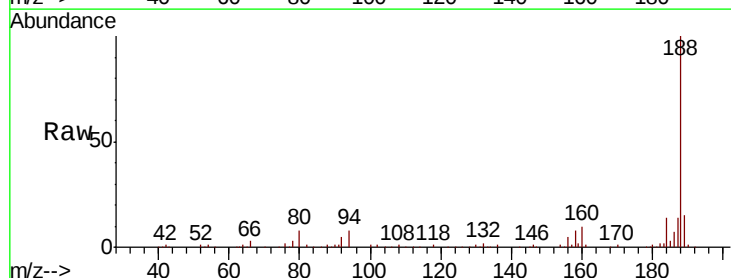
Tgt Ion: 188 Resp: 219019

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

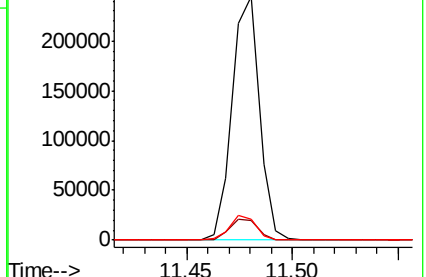
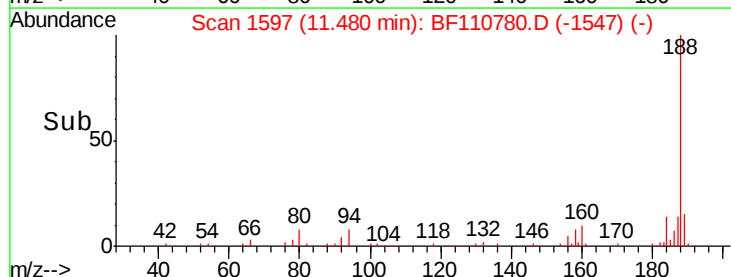
80 8.5 7.9 11.9

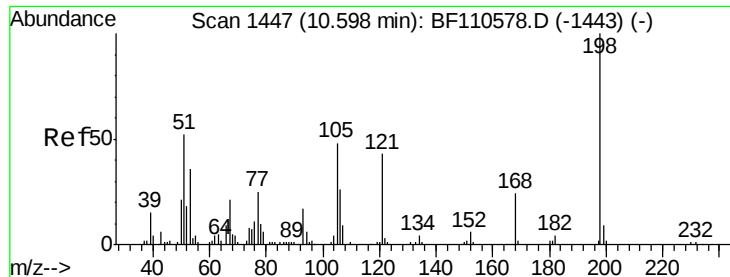


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

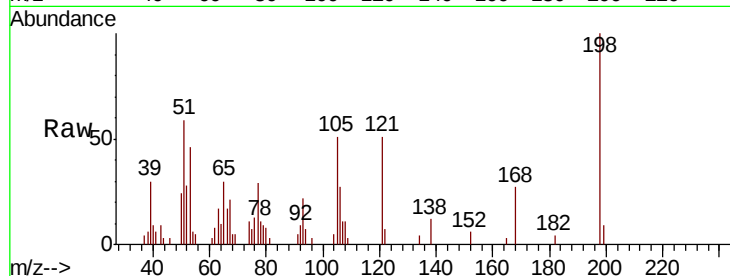




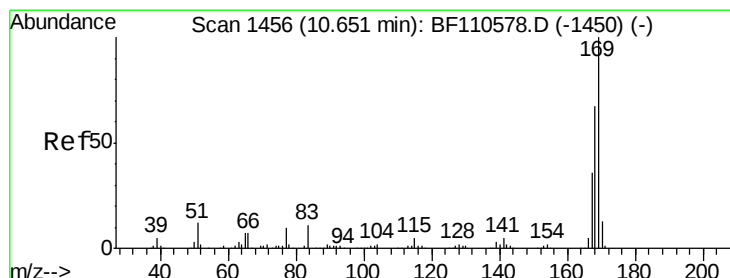
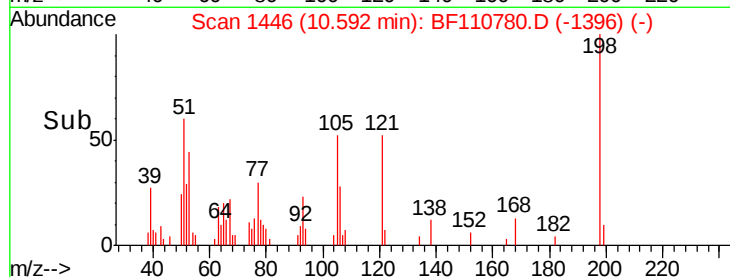
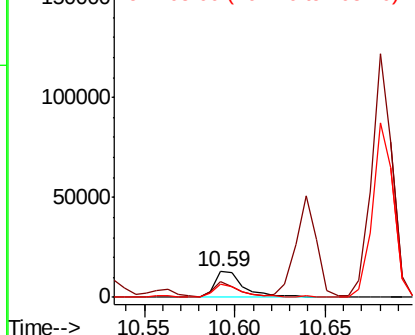
#65
4,6-Dinitro-2-methylphenol
Concen: 13.306 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:198 Resp: 14687
Ion Ratio Lower Upper
198 100
51 58.8 22.8 62.8
105 50.9 23.6 63.6

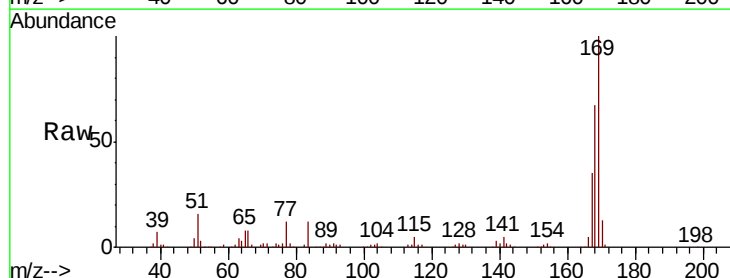


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

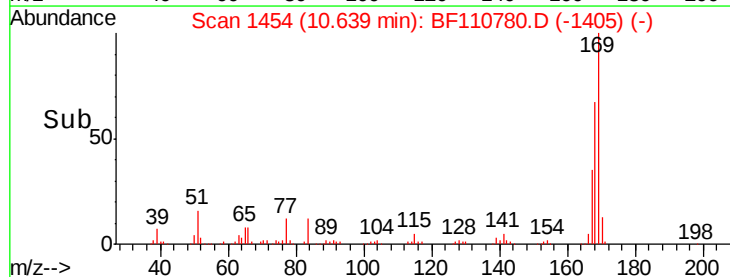
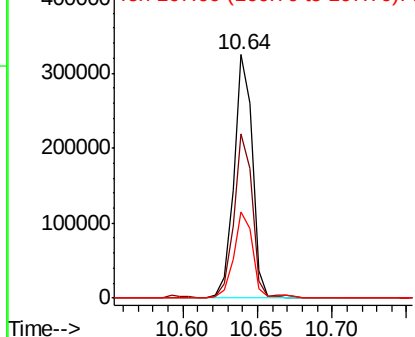


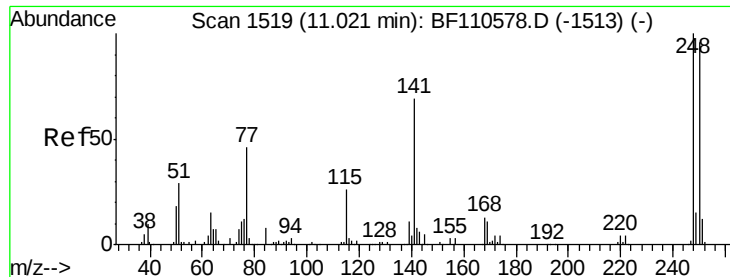
#66
n-Nitrosodiphenylamine
Concen: 38.405 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:169 Resp: 283523
Ion Ratio Lower Upper
169 100
168 67.4 51.2 76.8
167 35.3 27.8 41.6



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

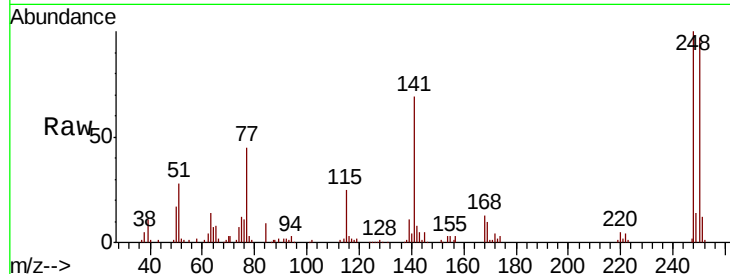




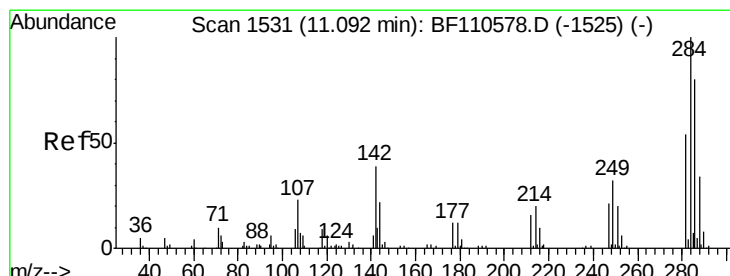
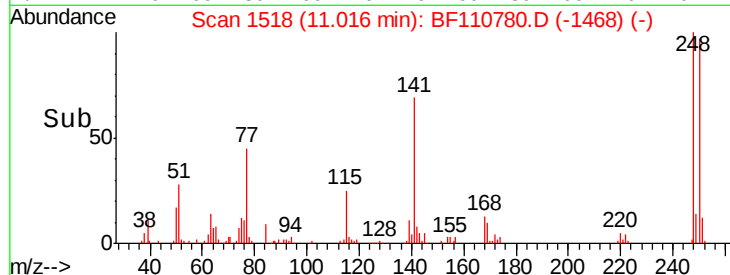
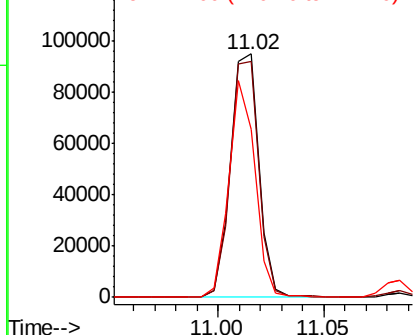
#67
 4-Bromophenyl-phenylether
 Concen: 36.326 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

Tgt Ion:248 Resp: 87931
 Ion Ratio Lower Upper
 248 100
 250 96.7 79.4 119.2
 141 69.2 55.9 83.9

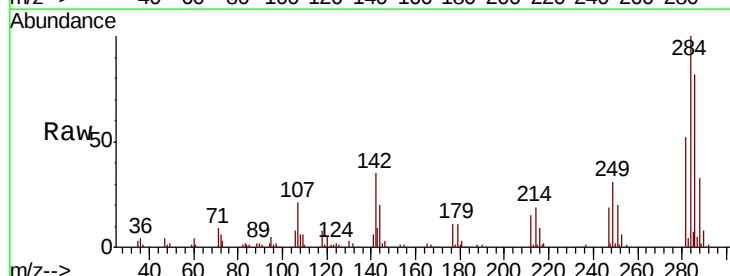


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

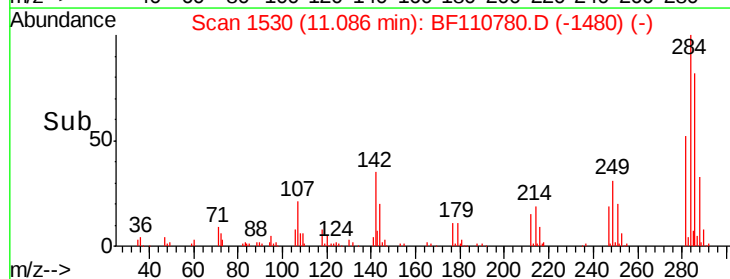
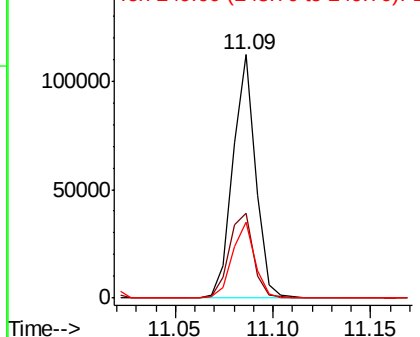


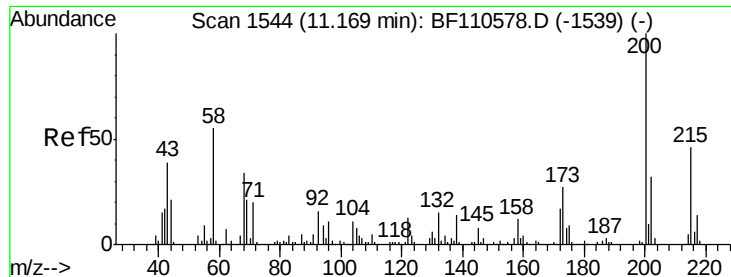
#68
 Hexachlorobenzene
 Concen: 35.448 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:284 Resp: 90464
 Ion Ratio Lower Upper
 284 100
 142 34.9 23.9 35.9
 249 31.2 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: 41.073 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

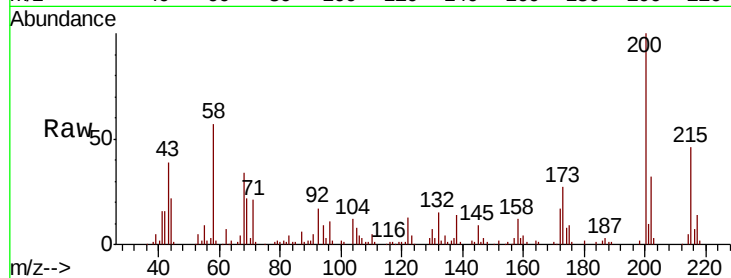
Tgt Ion:200 Resp: 92712

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

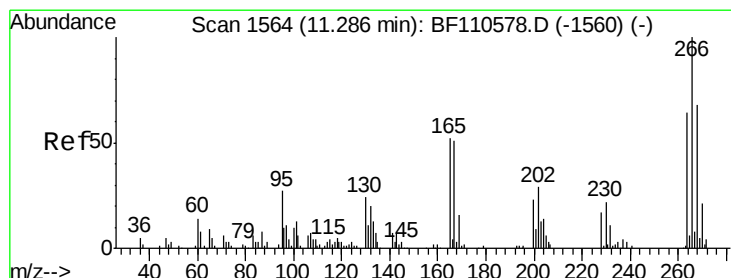
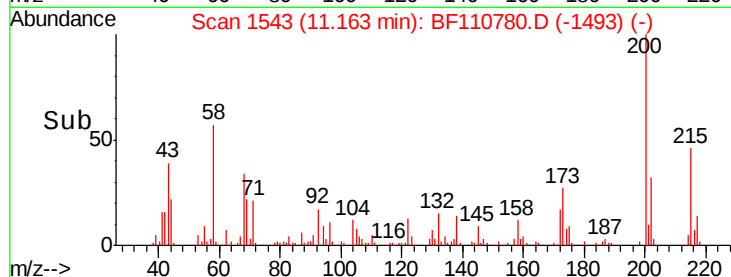
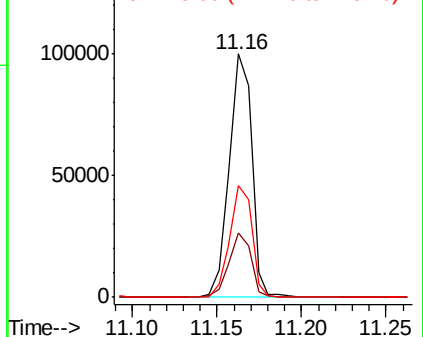
215 46.0 26.3 66.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 49.234 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

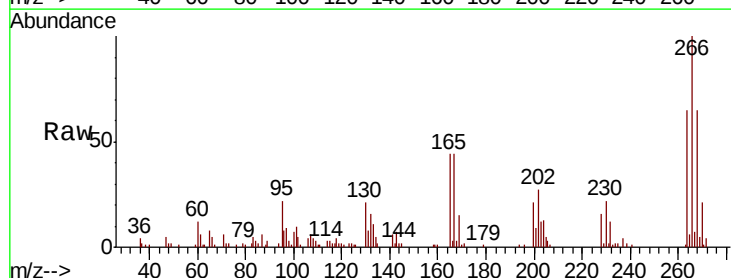
Tgt Ion:266 Resp: 67044

Ion Ratio Lower Upper

266 100

268 65.0 50.6 75.8

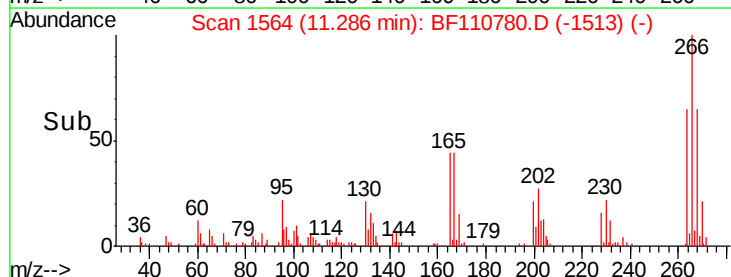
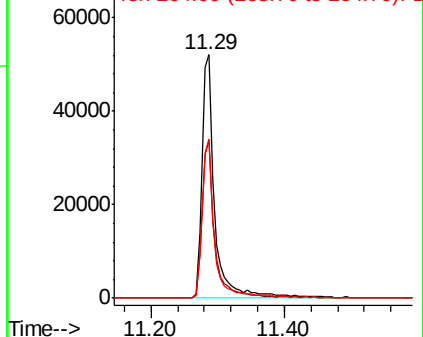
264 65.3 50.6 75.8

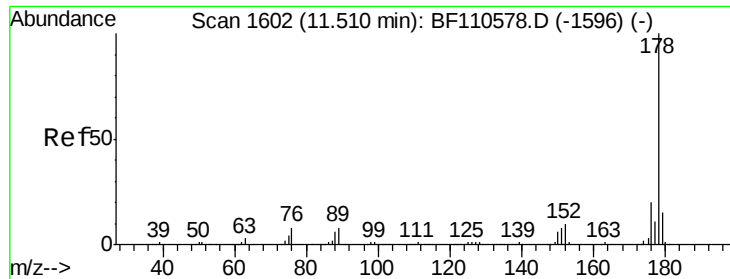


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

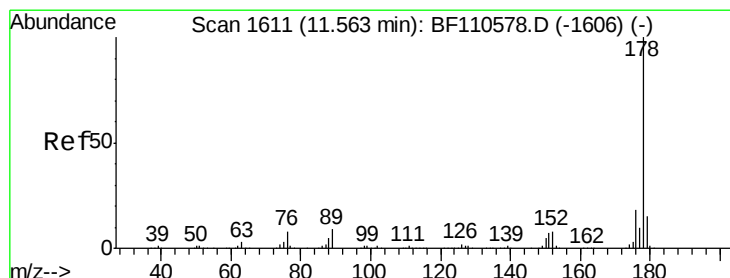
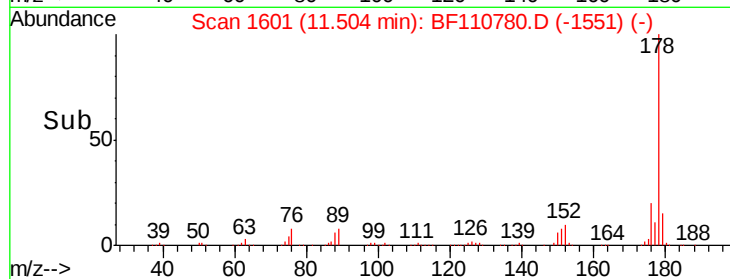
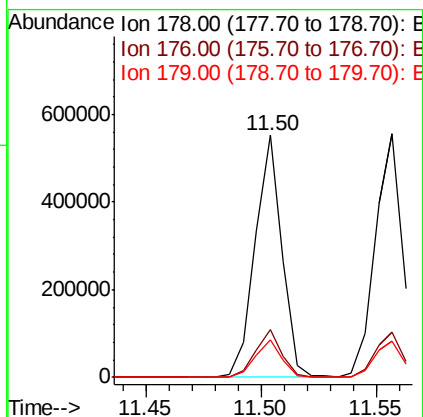
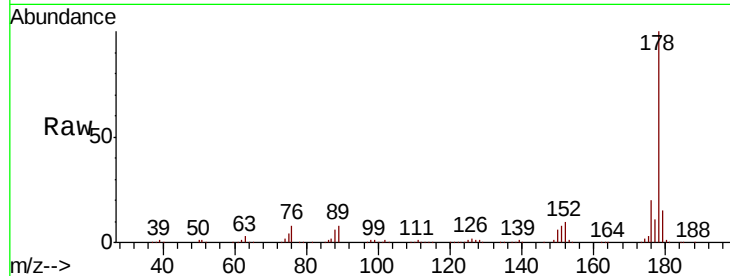




#71
 Phenanthrene
 Concen: 38.251 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

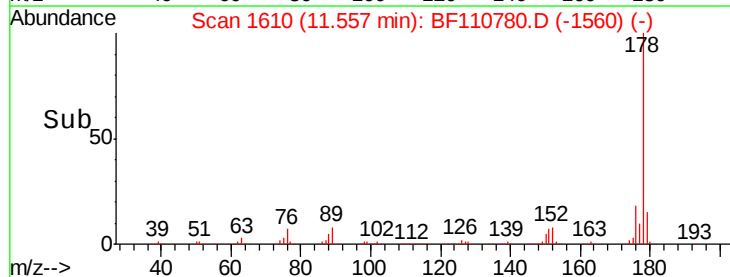
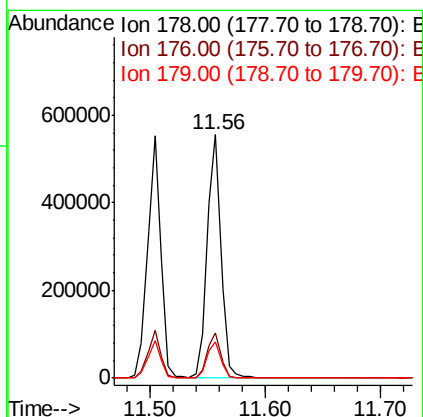
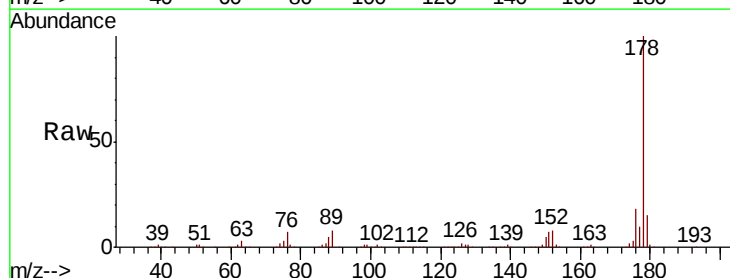
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

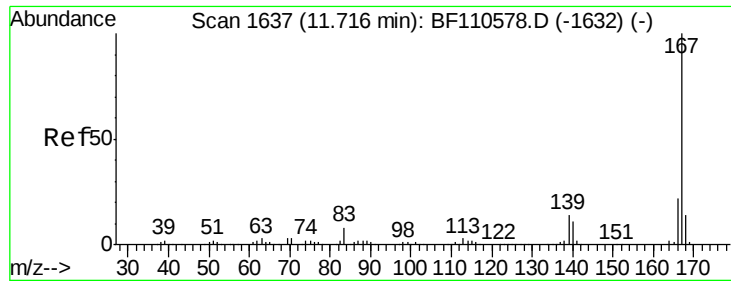
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.5	12.5	18.7



#72
 Anthracene
 Concen: 39.208 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.1	12.6	18.8

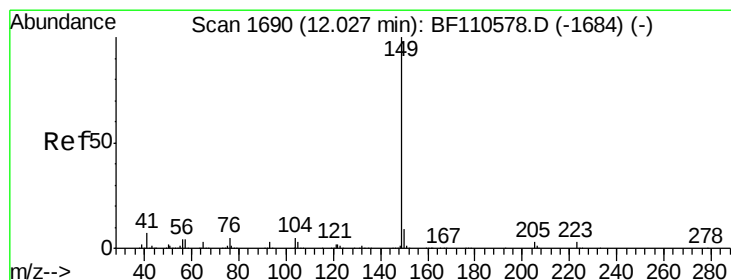
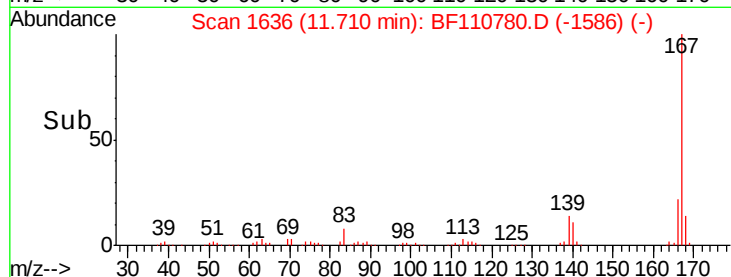
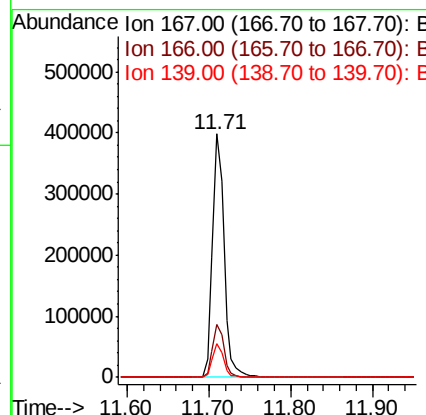
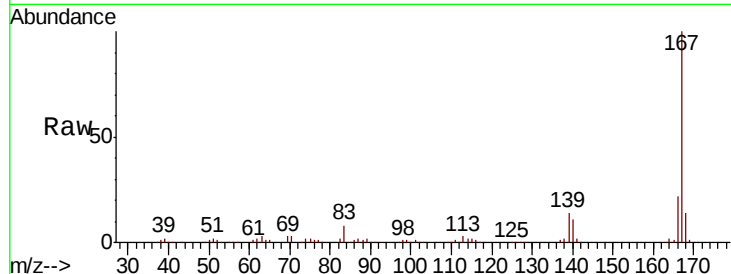




#73
 Carbazole
 Concen: 34.526 ng
 RT: 11.71 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

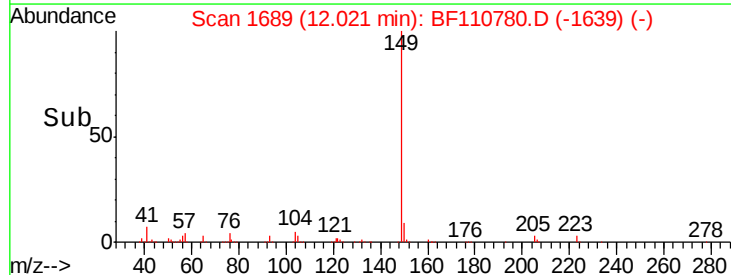
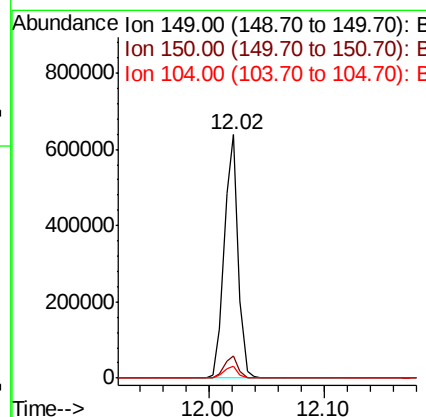
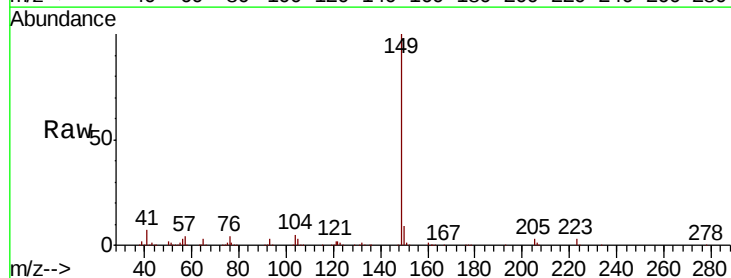
Instrument :
 BNA_F
 ClientSampleId :
 PB114818BS

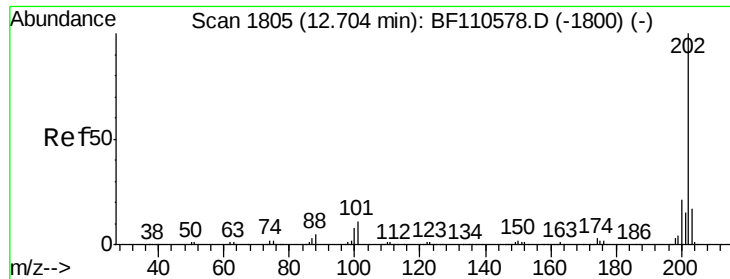
Tgt Ion:167 Resp: 392482
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.496 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF110780.D
 Acq: 14 Nov 2018 22:28

Tgt Ion:149 Resp: 526504
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.7 11.5
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 33.186 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

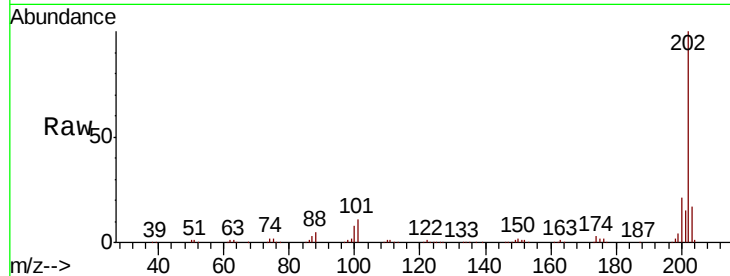
Tgt Ion:202 Resp: 390397

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.4

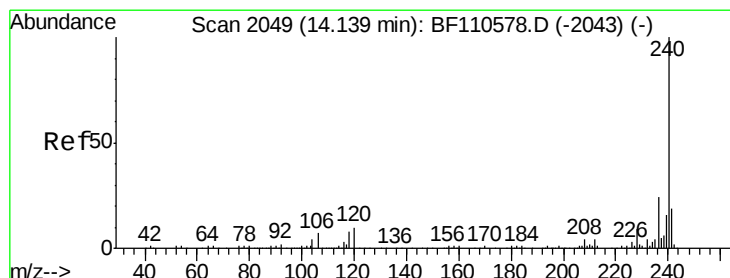
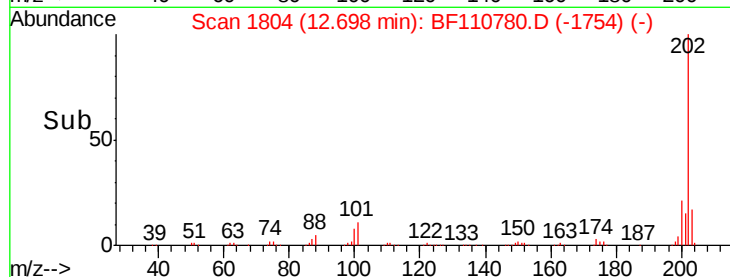
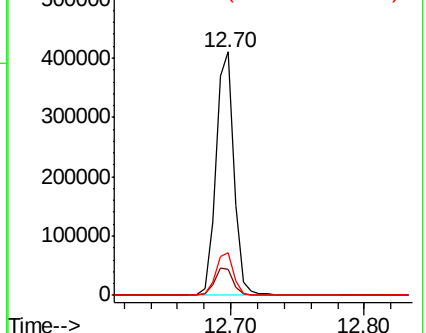
203 17.3 0.0 37.7



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: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

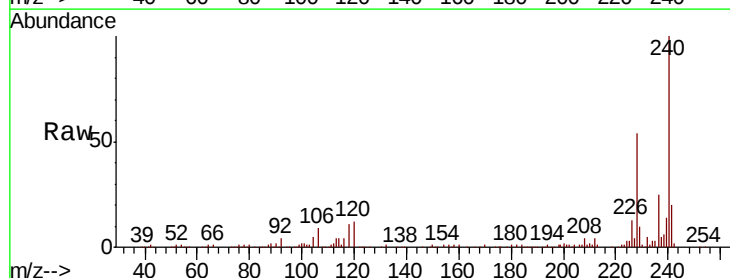
Tgt Ion:240 Resp: 132973

Ion Ratio Lower Upper

240 100

120 11.8 8.3 12.5

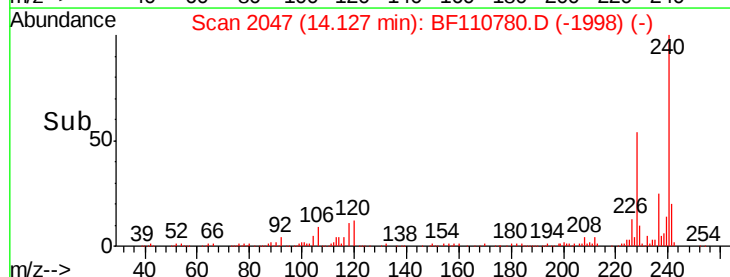
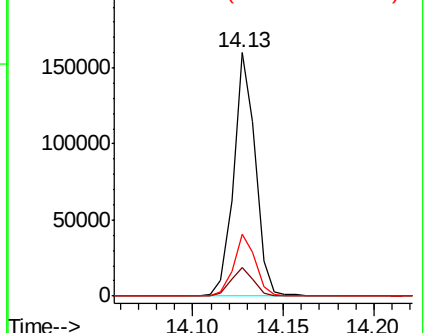
236 25.2 21.2 31.8

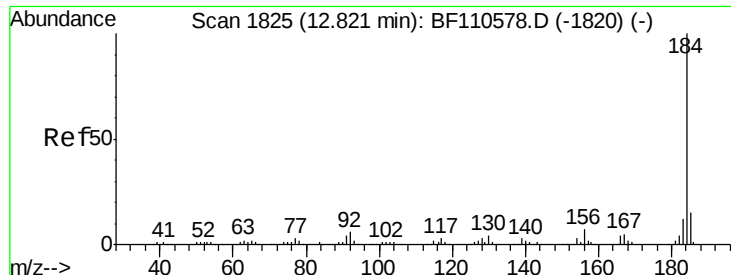


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

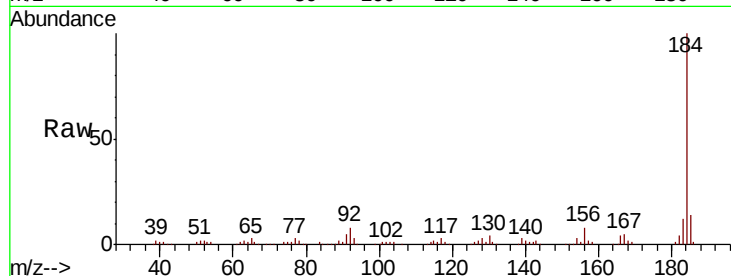




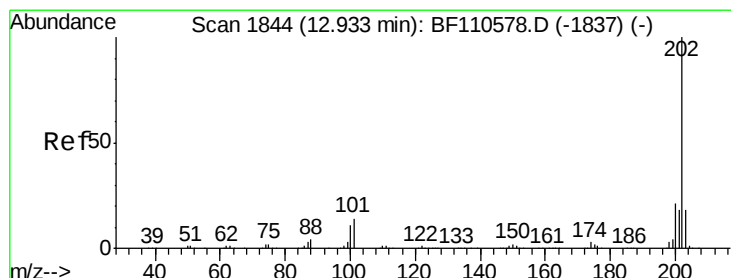
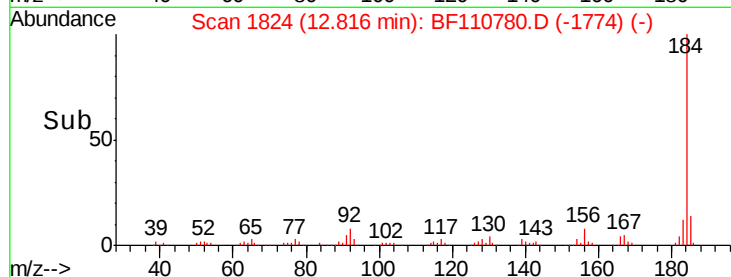
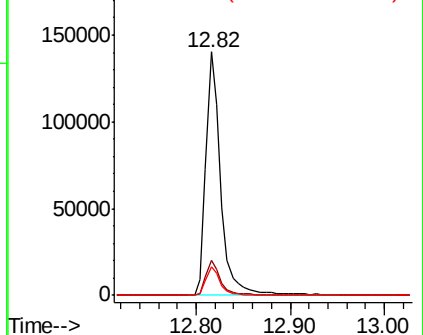
#77
Benzidine
Concen: 42.681 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Instrument :
BNA_F
ClientSampleId :
PB114818BS

Tgt Ion:184 Resp: 156075
Ion Ratio Lower Upper
184 100
185 14.2 13.4 20.2
183 11.5 9.4 14.2

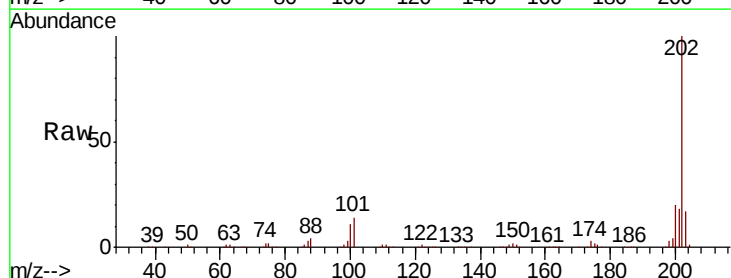


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

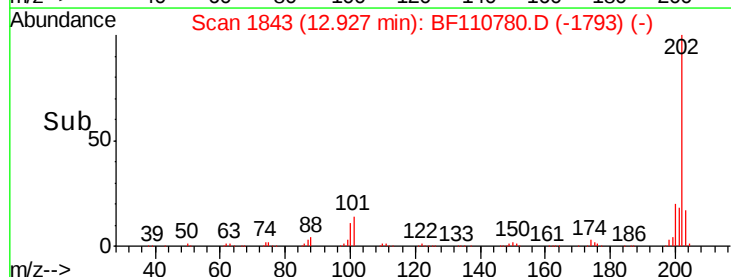
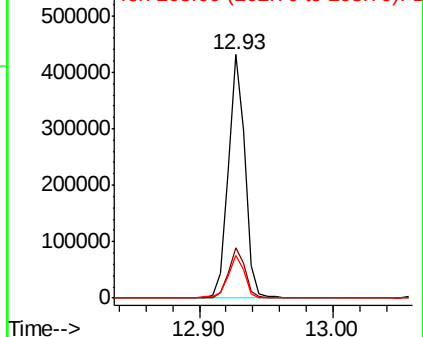


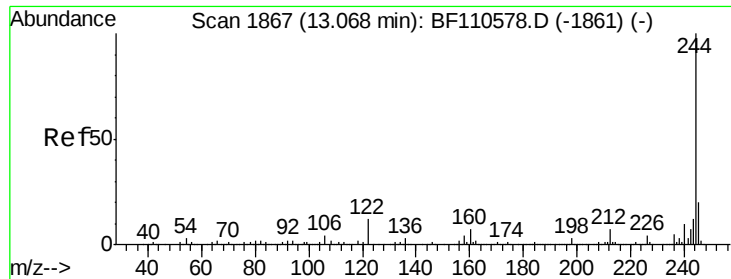
#78
Pyrene
Concen: 37.229 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:202 Resp: 381174
Ion Ratio Lower Upper
202 100
200 20.4 17.8 26.6
203 17.4 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: 66.836 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

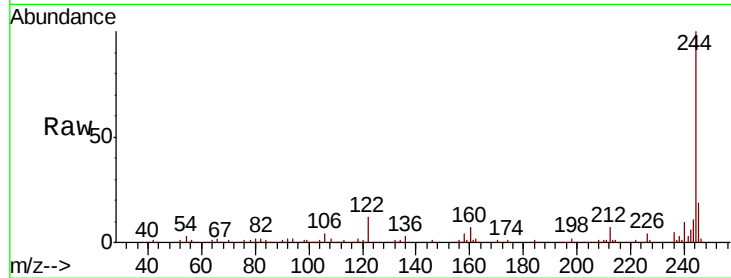
Tgt Ion:244 Resp: 474563

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

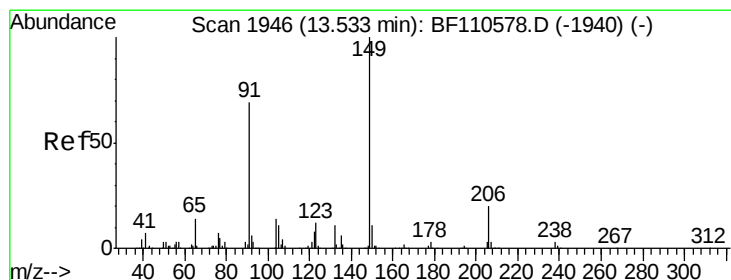
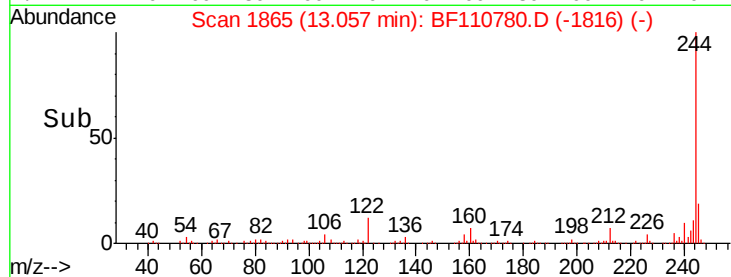
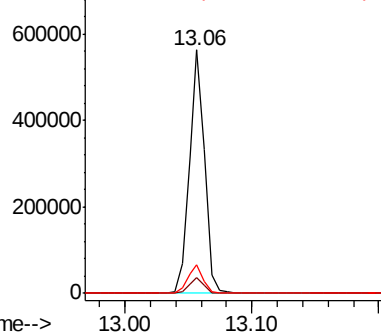
122 11.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.837 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

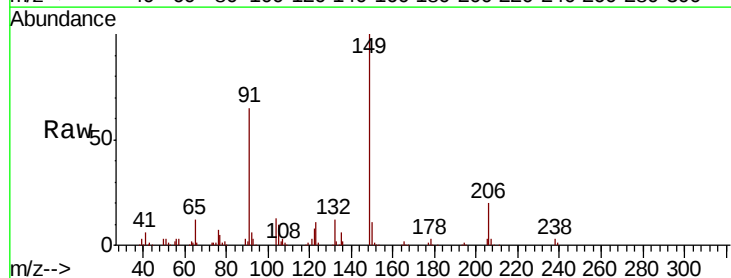
Tgt Ion:149 Resp: 175555

Ion Ratio Lower Upper

149 100

91 64.6 57.2 85.8

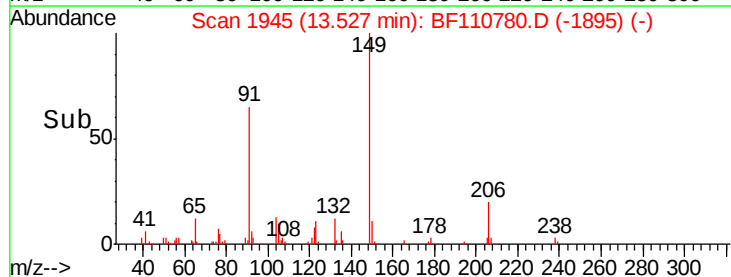
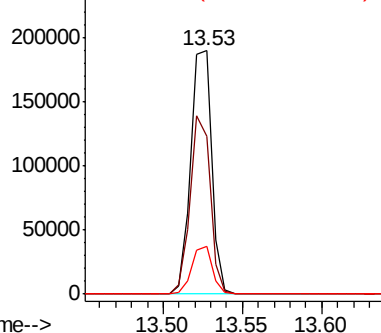
206 19.8 15.7 23.5

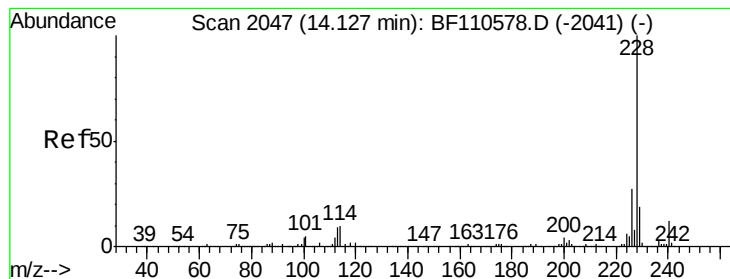


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.138 ng

RT: 14.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

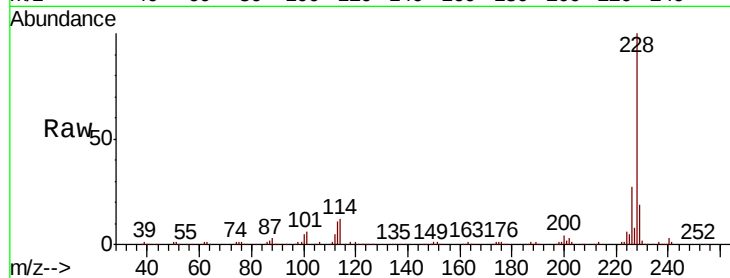
Tgt Ion:228 Resp: 319013

Ion Ratio Lower Upper

228 100

226 26.8 22.1 33.1

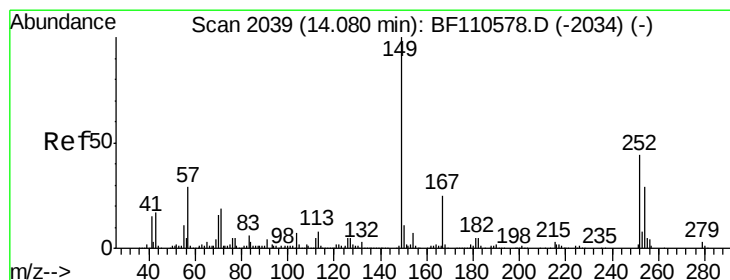
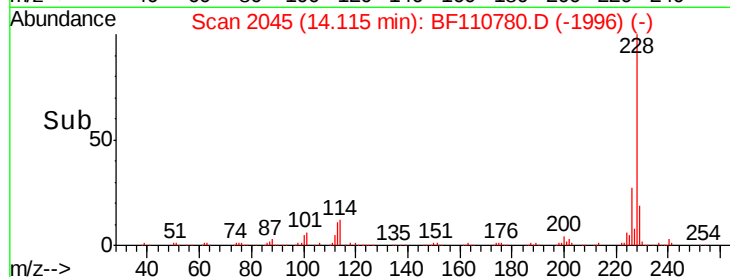
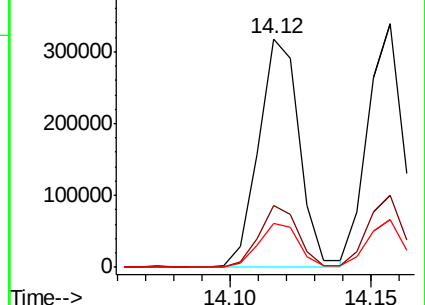
229 19.5 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.868 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

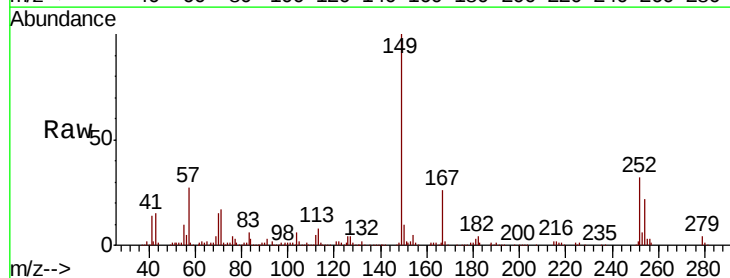
Tgt Ion:252 Resp: 87511

Ion Ratio Lower Upper

252 100

254 67.8 51.3 76.9

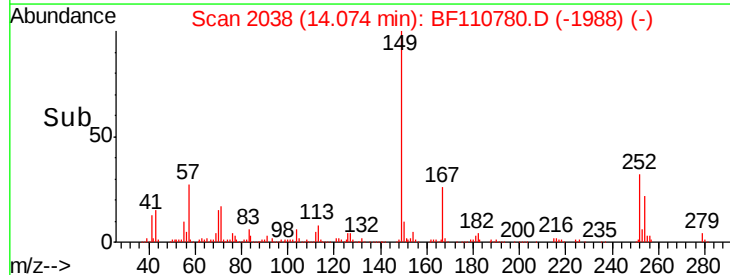
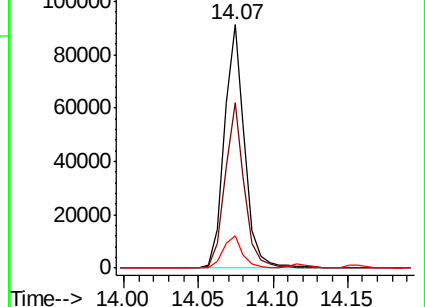
126 13.2 9.4 14.2

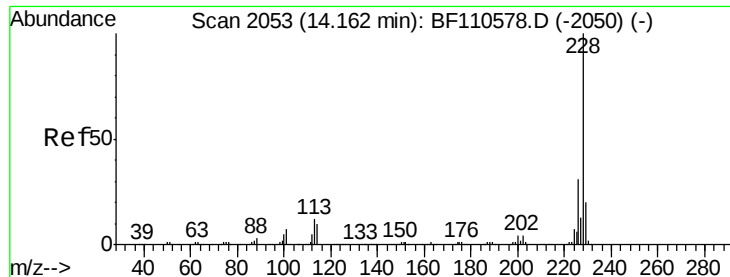


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.142 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

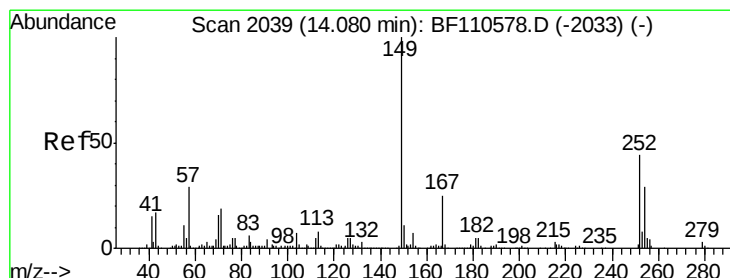
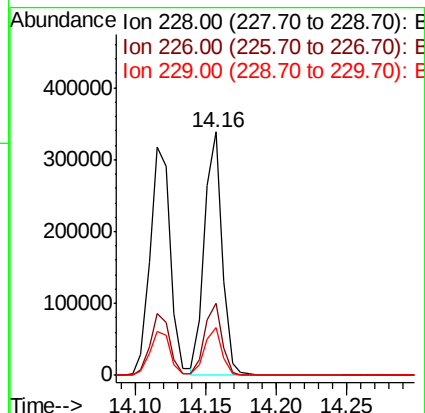
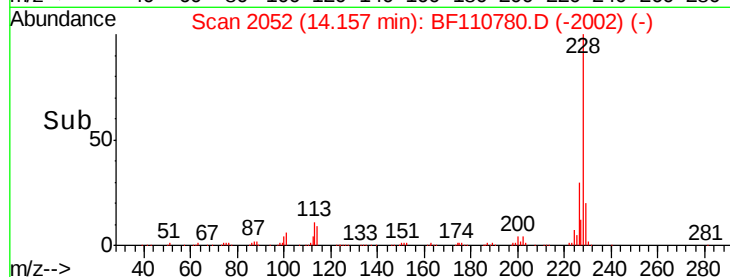
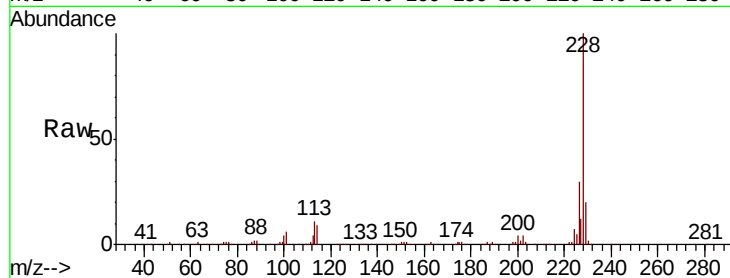
Tgt Ion:228 Resp: 296384

Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.515 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

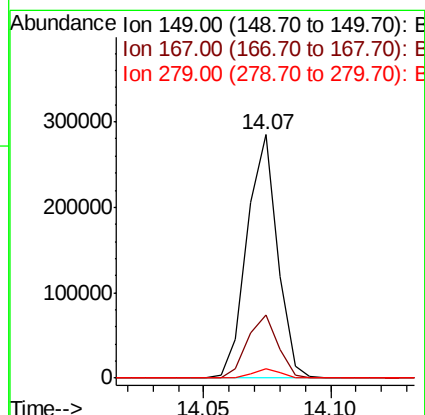
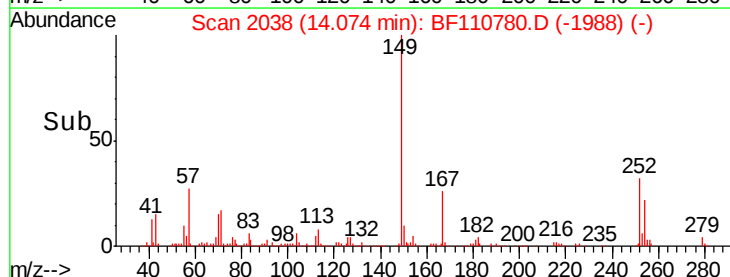
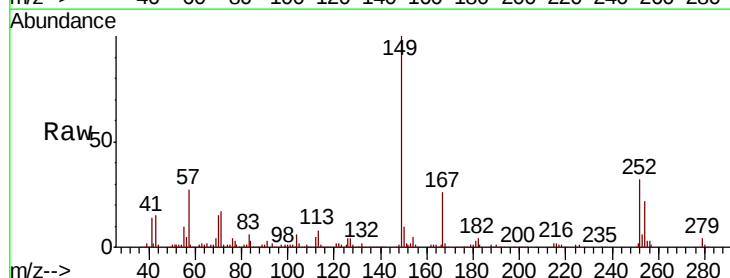
Tgt Ion:149 Resp: 237884

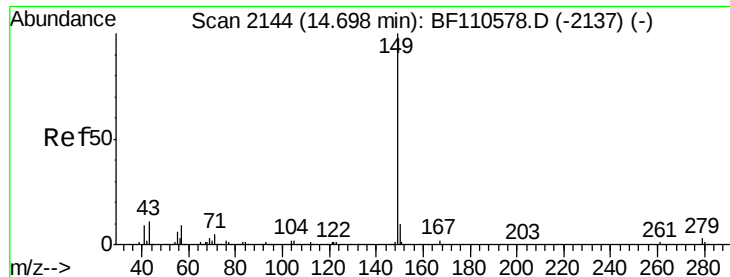
Ion Ratio Lower Upper

149 100

167 26.1 19.8 29.8

279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 47.976 ng

RT: 14.69 min Scan# 2143

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

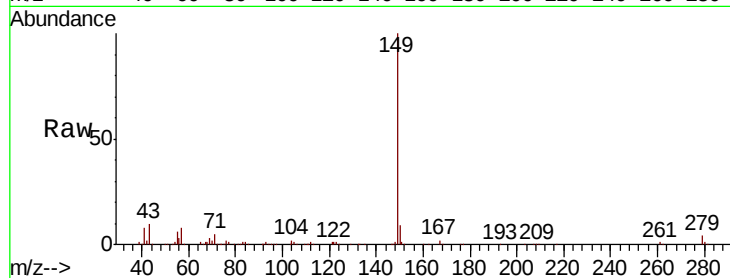
Tgt Ion:149 Resp: 385682

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

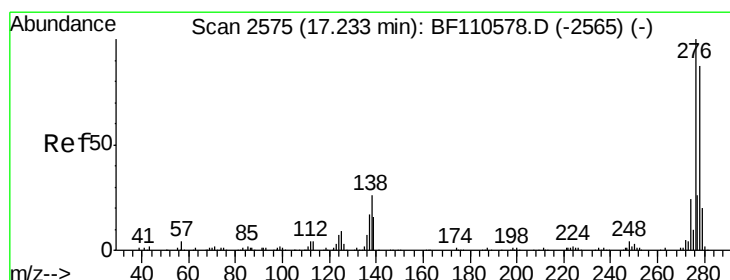
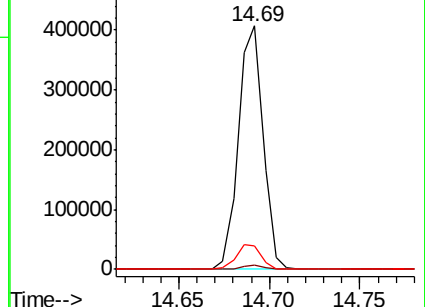
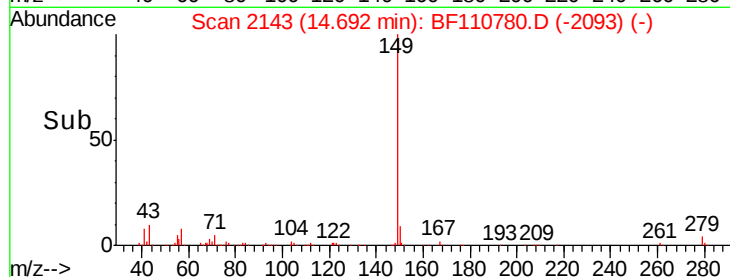
43 10.1 7.8 11.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.093 ng

RT: 17.23 min Scan# 2574

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

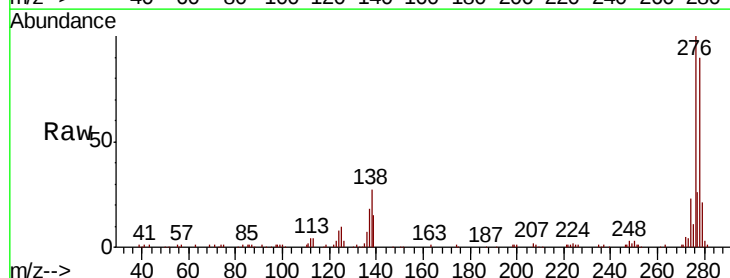
Tgt Ion:276 Resp: 234149

Ion Ratio Lower Upper

276 100

138 26.1 18.5 27.7

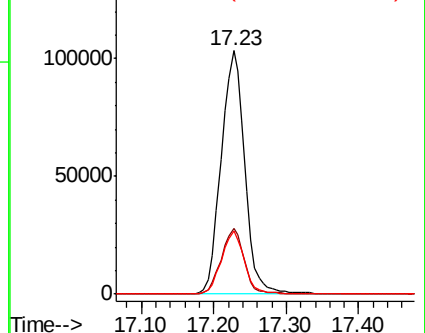
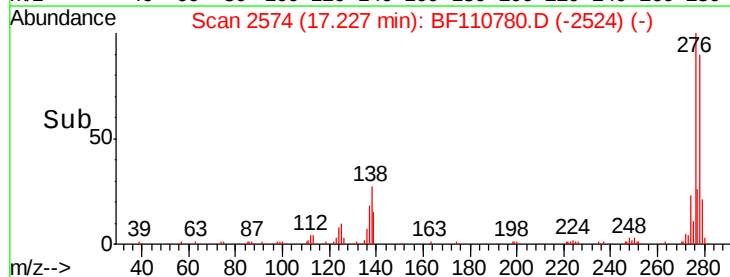
277 25.0 20.0 30.0

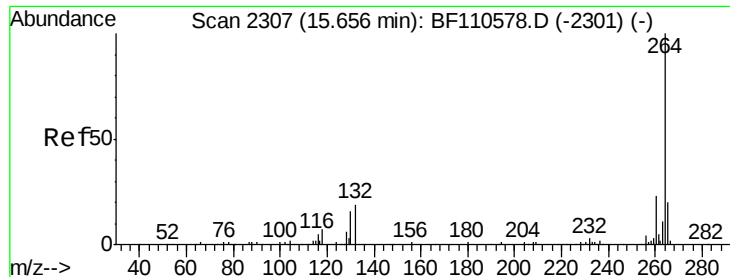


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

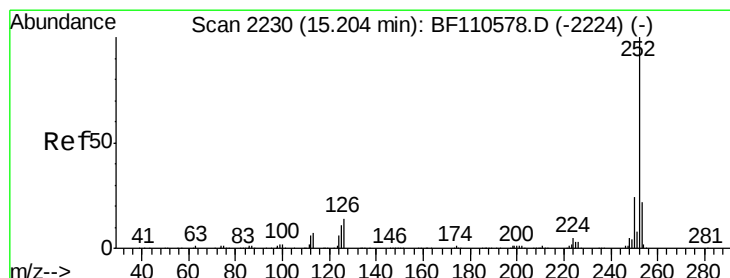
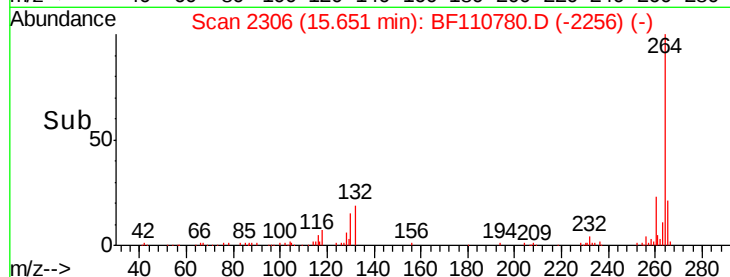
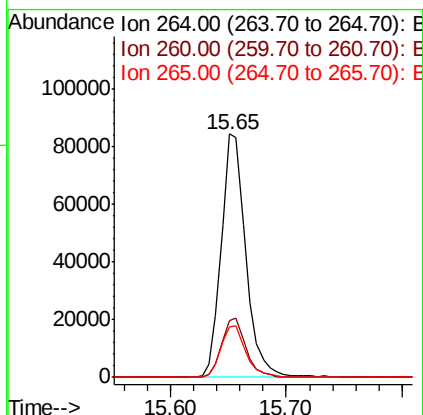
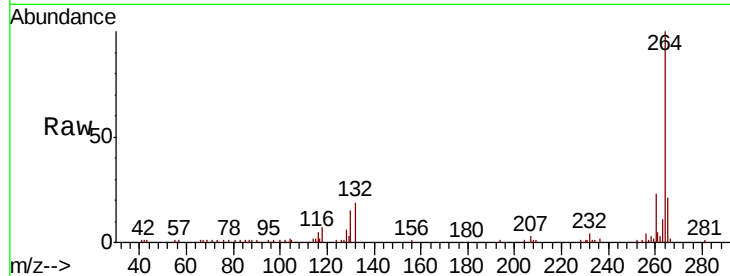




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

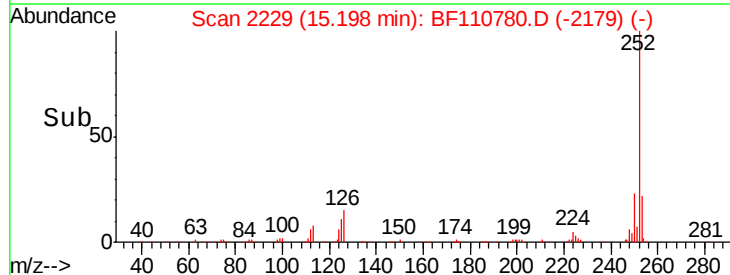
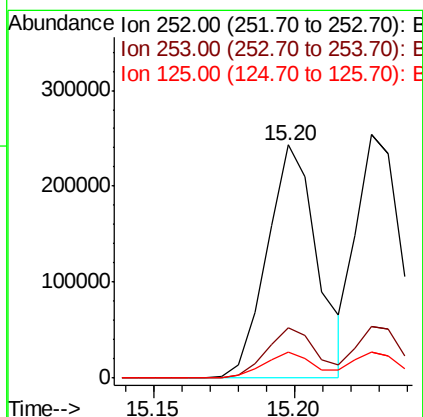
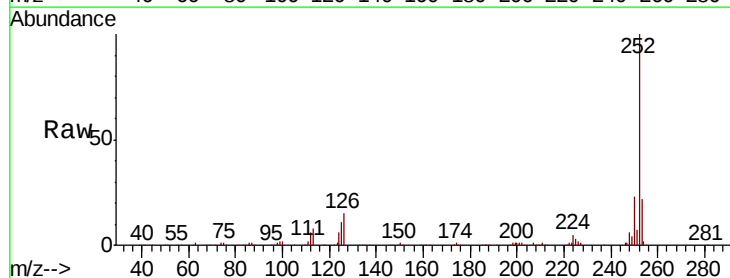
Instrument :
BNA_F
ClientSampleId :
PB114818BS

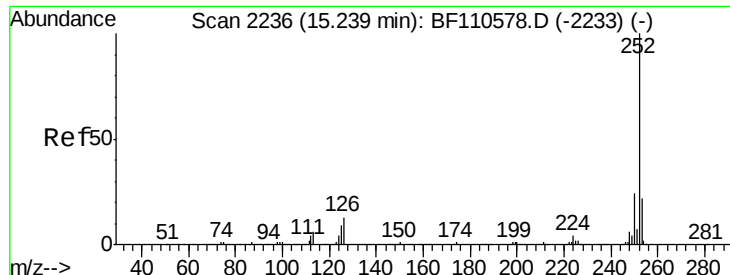
Tgt Ion:264 Resp: 124471
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 20.8 16.7 25.1



#88
Benzo(b)fluoranthene
Concen: 40.419 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:252 Resp: 300973
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.3 8.2 12.4

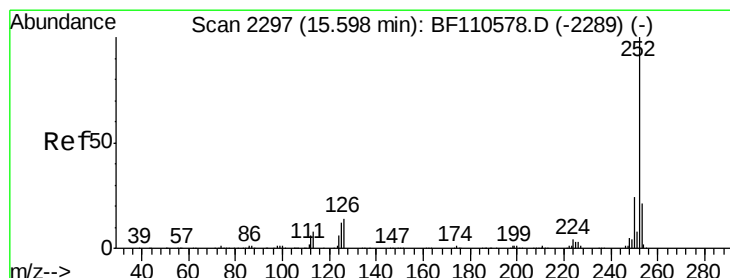
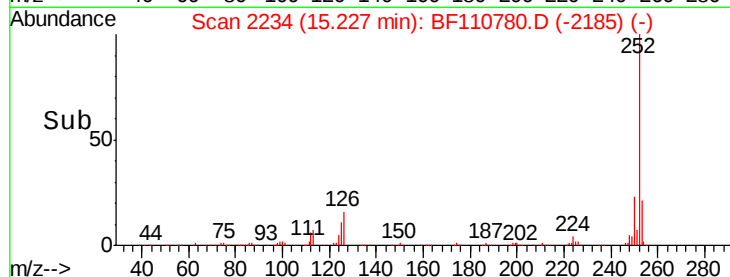
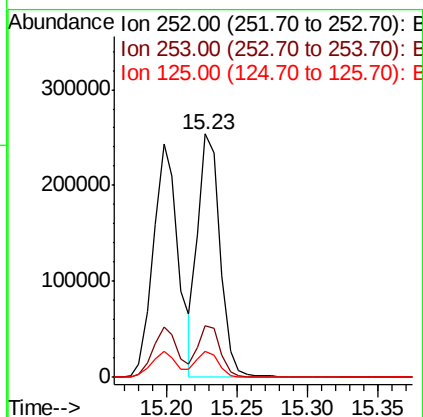
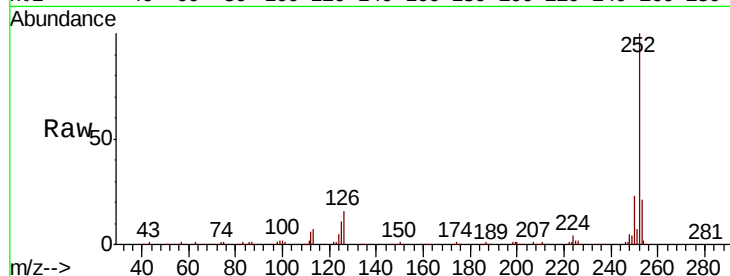




#89
Benzo(k)fluoranthene
Concen: 37.930 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

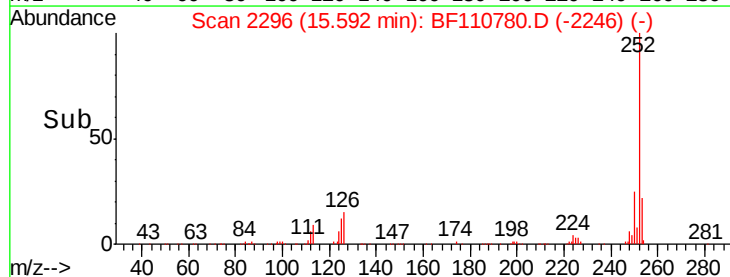
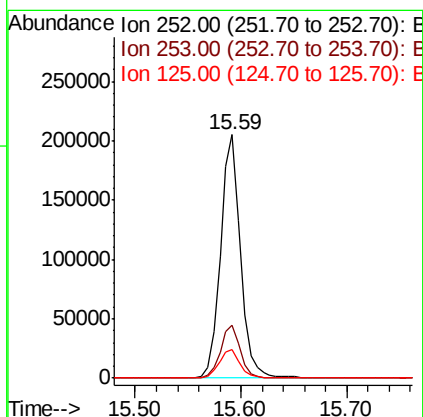
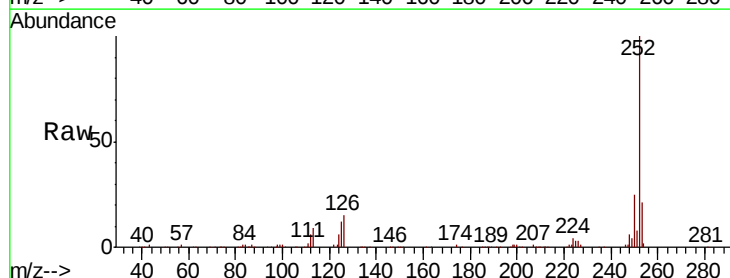
Instrument :
BNA_F
ClientSampleId :
PB114818BS

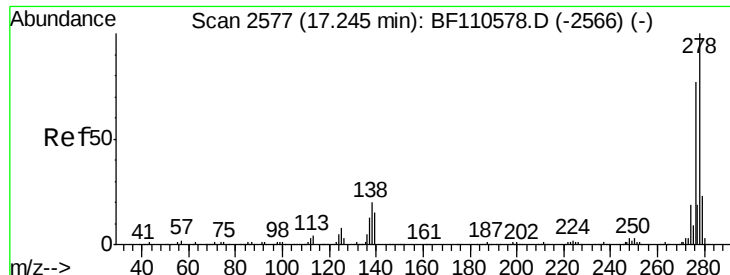
Tgt Ion:252 Resp: 279084
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 10.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 39.963 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BF110780.D
Acq: 14 Nov 2018 22:28

Tgt Ion:252 Resp: 270370
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.4
125 11.5 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 34.662 ng

RT: 17.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

Instrument :

BNA_F

ClientSampleId :

PB114818BS

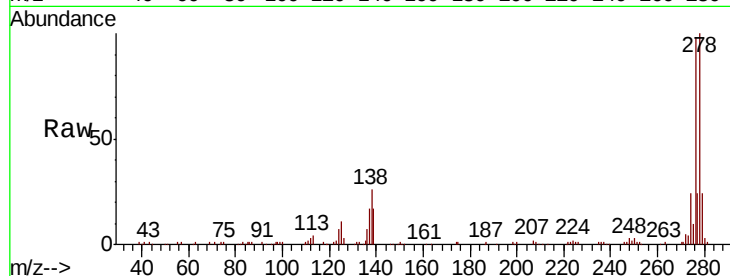
Tgt Ion:278 Resp: 198451

Ion Ratio Lower Upper

278 100

139 17.0 12.7 19.1

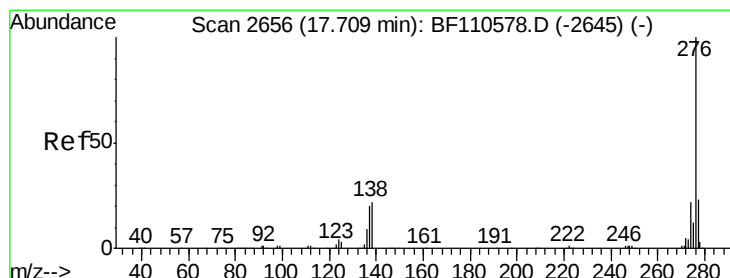
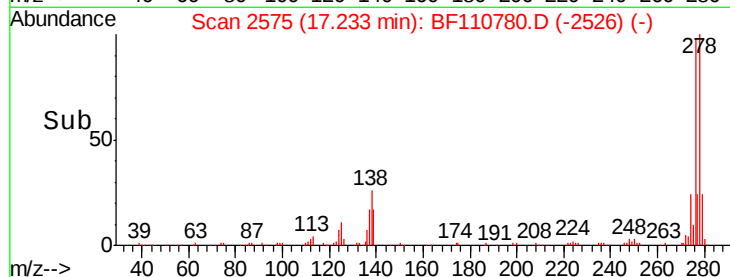
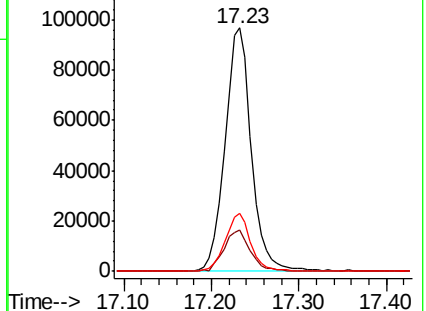
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.685 ng

RT: 17.70 min Scan# 2655

Delta R.T. -0.01 min

Lab File: BF110780.D

Acq: 14 Nov 2018 22:28

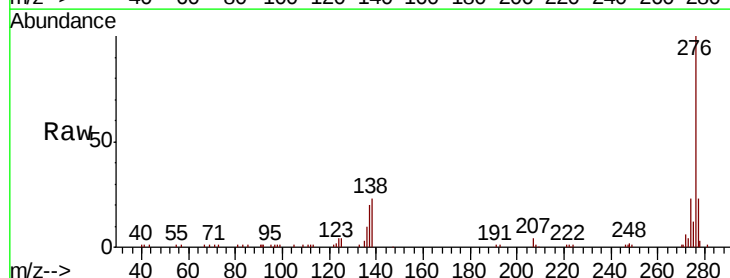
Tgt Ion:276 Resp: 174305

Ion Ratio Lower Upper

276 100

277 22.9 18.8 28.2

138 22.9 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

