

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110994.D
 Acq On : 27 Nov 2018 6:10
 Operator : JU/SJ
 Sample : PB115071BSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Quant Time: Nov 27 07:31:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 06:43:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	54268	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	206305	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	83249	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	138053	20.00	ng	0.00
76) Chrysene-d12	14.13	240	85904	20.00	ng	0.00
87) Perylene-d12	15.67	264	64879	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	247153	75.52	ng	0.02
7) Phenol-d6	6.57	99	298769	70.06	ng	0.00
23) Nitrobenzene-d5	7.50	82	264042	73.25	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	53750	65.01	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	479476	83.44	ng	0.00
79) Terphenyl-d14	13.06	244	373790	84.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	44187	28.184	ng	87
3) Pyridine	3.62	79	122860	35.787	ng	# 84
4) n-Nitrosodimethylamine	3.58	42	63232	40.251	ng	87
6) Aniline	6.60	93	72381	13.729	ng	# 63
8) 2-Chlorophenol	6.73	128	136212	35.122	ng	96
9) Benzaldehyde	6.50	77	49805	18.596	ng	98
10) Phenol	6.58	94	160349	33.387	ng	# 67
11) bis(2-Chloroethyl)ether	6.67	93	128292	35.457	ng	94
12) 1,3-Dichlorobenzene	6.87	146	143128	33.593	ng	99
13) 1,4-Dichlorobenzene	6.95	146	146223	33.374	ng	97
14) 1,2-Dichlorobenzene	7.10	146	136753	33.163	ng	99
15) Benzyl Alcohol	7.08	79	103968	31.723	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	194172	33.720	ng	80
17) 2-Methylphenol	7.19	107	104664	33.942	ng	# 86
18) Hexachloroethane	7.44	117	42427	26.325	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	93027	33.488	ng	96
20) 3+4-Methylphenols	7.35	107	136937	33.407	ng	# 51
22) Acetophenone	7.35	105	185237	38.306	ng	# 92
24) Nitrobenzene	7.52	77	132922	35.458	ng	99
25) Isophorone	7.76	82	240889	40.738	ng	96
26) 2-Nitrophenol	7.84	139	51142	28.081	ng	98
27) 2,4-Dimethylphenol	7.87	122	113589	41.299	ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	151476	38.238	ng	99
29) 2,4-Dichlorophenol	8.09	162	101033	35.104	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	112925	35.011	ng	97
31) Naphthalene	8.24	128	363687	37.607	ng	99
32) Benzoic acid	7.99	122	37661	18.417	ng	96
33) 4-Chloroaniline	8.30	127	54054	13.132	ng	96
34) Hexachlorobutadiene	8.35	225	64387	35.048	ng	99
35) Caprolactam	8.67	113	30233	30.769	ng	# 86
36) 4-Chloro-3-methylphenol	8.78	107	105146	32.880	ng	95
37) 2-Methylnaphthalene	8.93	142	235011	36.792	ng	100
38) 1-Methylnaphthalene	9.03	142	218819	35.219	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	98694	37.687	ng	98

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 ALS Vial : 33 Sample Multiplier: 1

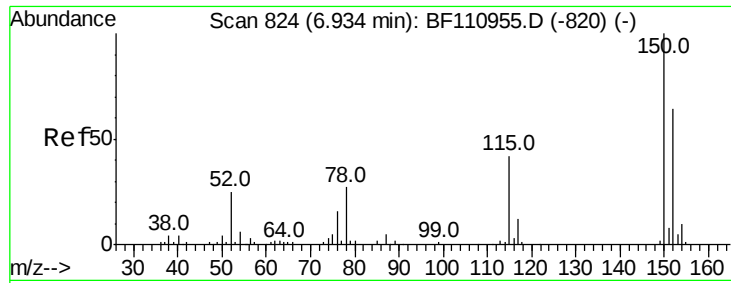
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Quant Time: Nov 27 07:31:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

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

41) Hexachlorocyclopentadiene	8.98	237	114	10.457	ng	# 27
43) 2,4,6-Trichlorophenol	9.22	196	61590	39.378	ng	98
44) 2,4,5-Trichlorophenol	9.27	196	62666	38.051	ng	94
46) 1,1'-Biphenyl	9.40	154	277651	36.176	ng	99
47) 2-Chloronaphthalene	9.43	162	203150	36.506	ng	100
48) 2-Nitroaniline	9.53	65	69173	39.741	ng	97
49) Acenaphthylene	9.85	152	308452	38.980	ng	100
50) Dimethylphthalate	9.69	163	244600	40.062	ng	99
51) 2,6-Dinitrotoluene	9.77	165	42023	30.917	ng	95
52) Acenaphthene	10.02	154	184822	36.434	ng	98
53) 3-Nitroaniline	9.95	138	57636	36.382	ng	96
54) 2,4-Dinitrophenol	10.11	184	936	5.576	ng	# 1
55) Dibenzofuran	10.19	168	266964	36.073	ng	99
56) 4-Nitrophenol	10.12	139	48346	56.227	ng	97
57) 2,4-Dinitrotoluene	10.19	165	46682	26.472	ng	# 77
58) Fluorene	10.53	166	208603	36.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	45864	33.934	ng	# 89
60) Diethylphthalate	10.39	149	239827	38.091	ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	100912	33.507	ng	98
62) 4-Nitroaniline	10.56	138	57488	38.975	ng	98
63) Azobenzene	10.68	77	197329	32.155	ng	96
65) 4,6-Dinitro-2-methylphenol	10.62	198	1101	1.686	ng	# 72
66) n-Nitrosodiphenylamine	10.64	169	179768	39.116	ng	97
67) 4-Bromophenyl-phenylether	11.01	248	56327	37.464	ng	94
68) Hexachlorobenzene	11.09	284	58060	36.255	ng	94
69) Atrazine	11.16	200	58084	53.283	ng	99
70) Pentachlorophenol	11.29	266	40371	63.363	ng	98
71) Phenanthrene	11.50	178	288479	39.455	ng	99
72) Anthracene	11.56	178	305077	40.971	ng	97
73) Carbazole	11.72	167	258801	35.808	ng	99
74) Di-n-butylphthalate	12.02	149	341643	40.430	ng	99
75) Fluoranthene	12.70	202	288693	38.416	ng	98
77) Benzidine	12.82	184	233055	106.066	ng	96
78) Pyrene	12.93	202	279590	44.562	ng	98
80) Butylbenzylphthalate	13.52	149	132629	46.821	ng	99
81) Benzo(a)anthracene	14.12	228	200500	39.533	ng	99
82) 3,3'-Dichlorobenzidine	14.08	252	73018	41.988	ng	# 97
83) Chrysene	14.16	228	187655	37.586	ng	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	172512	45.705	ng	98
85) Di-n-octyl phthalate	14.69	149	262025	43.978	ng	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	142760	39.836	ng	98
88) Benzo(b)fluoranthene	15.21	252	154648	40.575	ng	99
89) Benzo(k)fluoranthene	15.24	252	145844	37.177	ng	98
90) Benzo(a)pyrene	15.61	252	142404	40.139	ng	97
91) Dibenzo(a,h)anthracene	17.26	278	123643	42.240	ng	100
92) Benzo(g,h,i)perylene	17.75	276	118976	42.155	ng	97

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

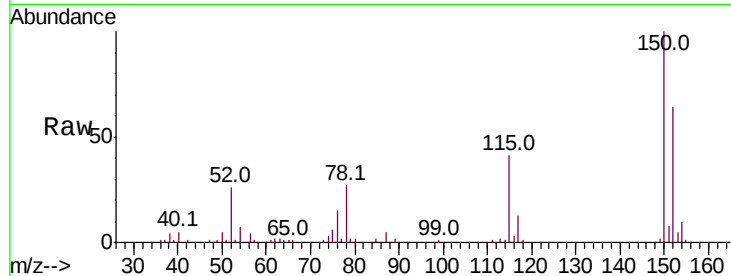


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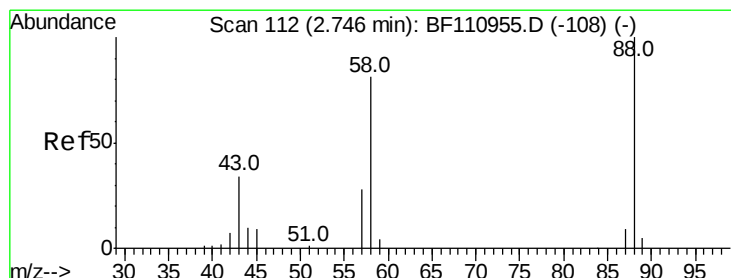
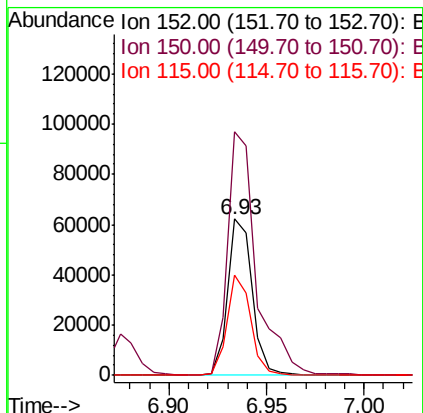
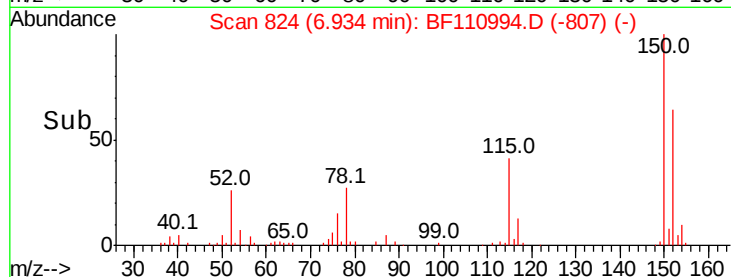
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:152 Resp: 54268
 Ion Ratio Lower Upper
 152 100
 150 155.6 122.7 184.1
 115 64.4 49.1 73.7



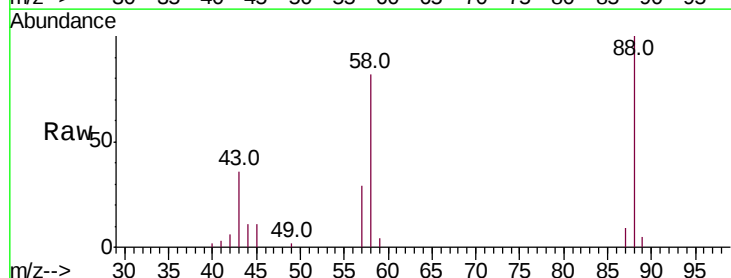
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



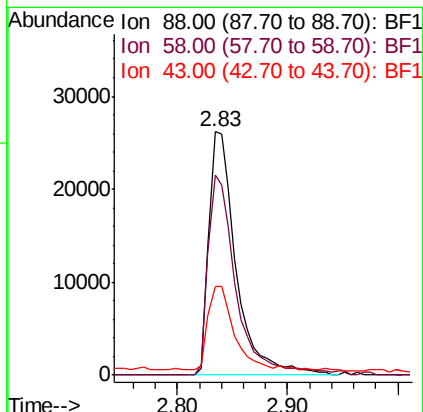
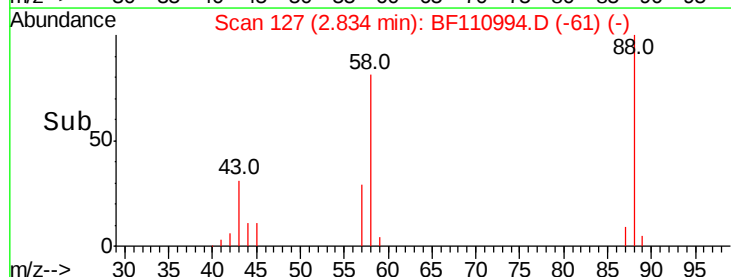
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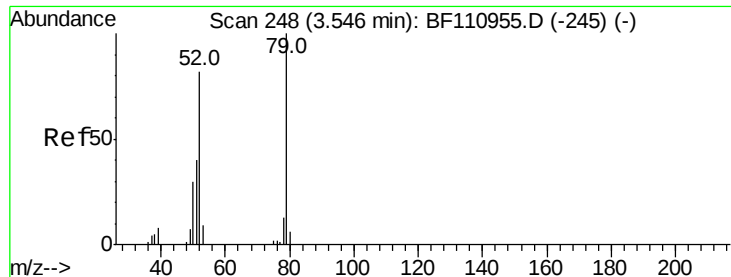
1,4-Dioxane
 Concen: 28.184 ng
 RT: 2.83 min Scan# 127
 Delta R.T. 0.09 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion: 88 Resp: 44187
 Ion Ratio Lower Upper
 88 100
 58 84.6 57.1 85.7
 43 33.3 24.1 36.1



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

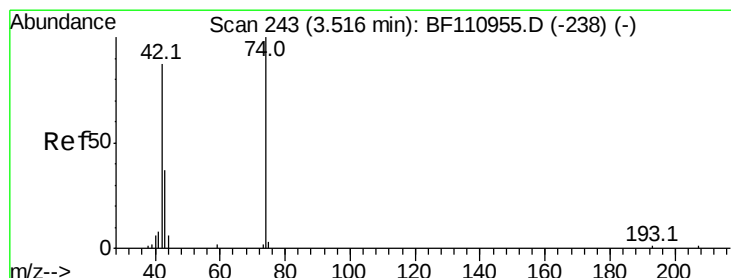
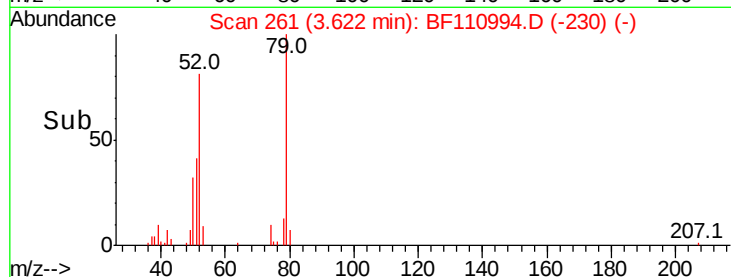
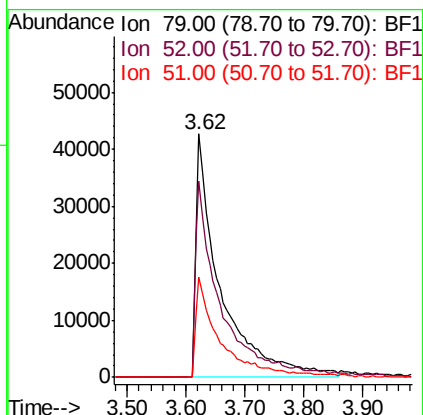
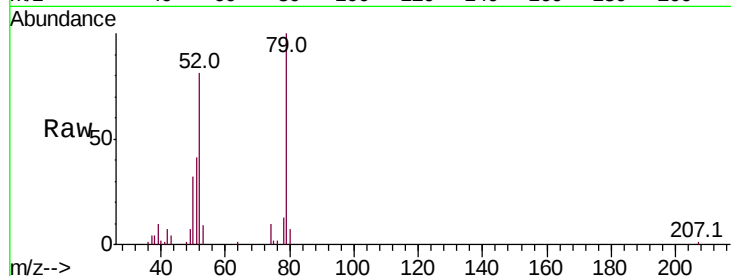




#3
 Pvridine
 Concen: 35.787 ng
 RT: 3.62 min Scan# 261
 Delta R.T. 0.08 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

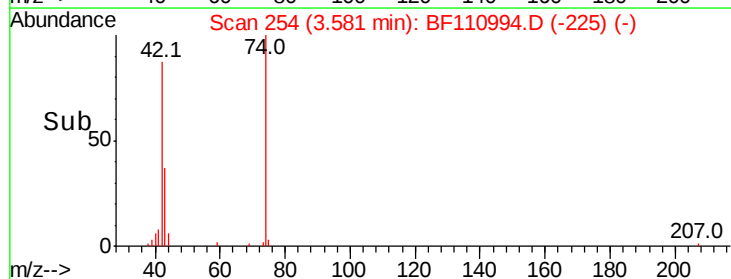
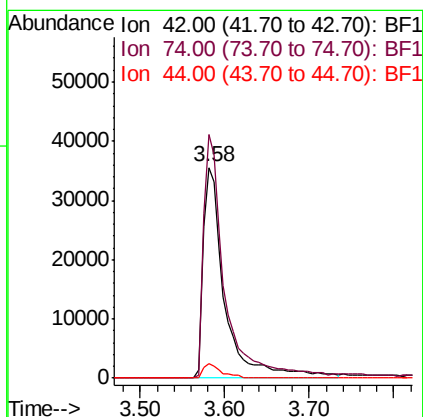
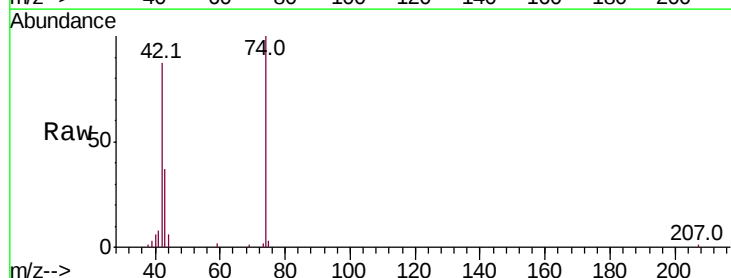
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

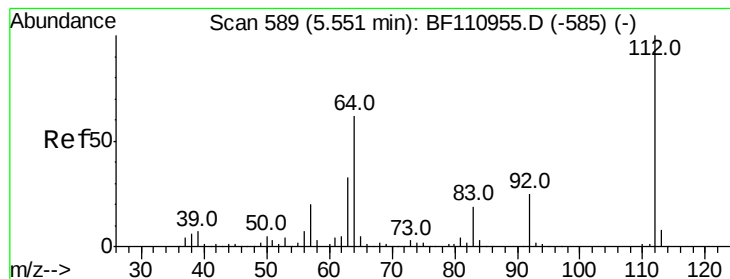
Tot Ion: 79 Resp: 122860
 Ion Ratio Lower Upper
 79 100
 52 80.6 53.1 79.7#
 51 41.2 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 40.251 ng
 RT: 3.58 min Scan# 254
 Delta R.T. 0.07 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion: 42 Resp: 63232
 Ion Ratio Lower Upper
 42 100
 74 115.4 105.5 158.3
 44 6.6 4.9 7.3





#5

2-Fluorophenol

Concen: 75.525 ng

RT: 5.57 min Scan# 592

Delta R.T. 0.02 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

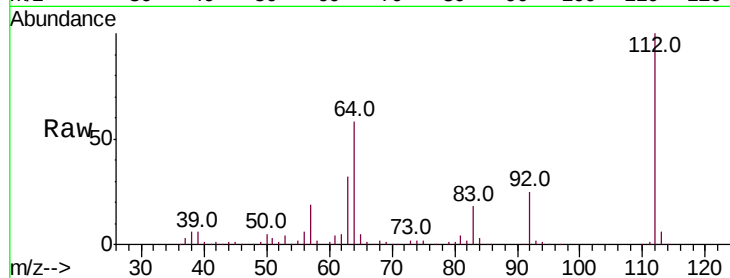
Tot Ion:112 Resp: 247153

Ion Ratio Lower Upper

112 100

64 58.4 44.1 66.1

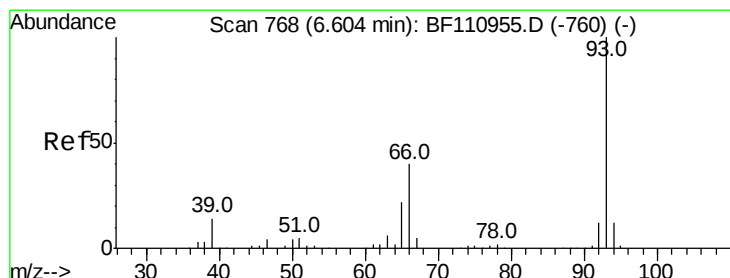
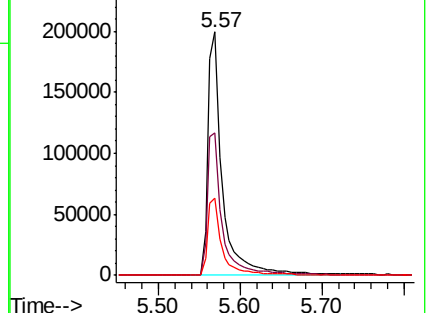
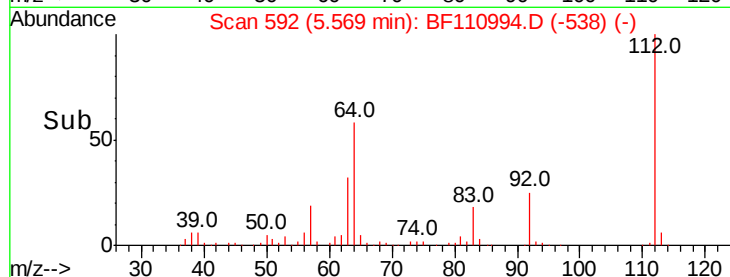
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.729 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

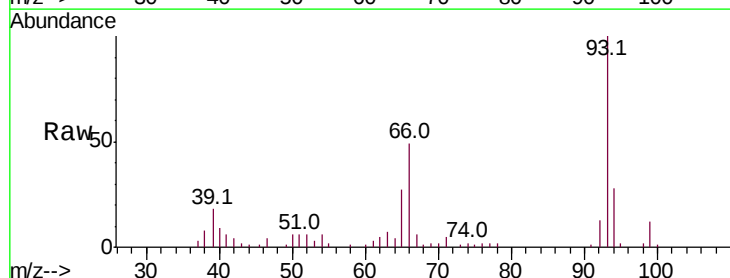
Tgt Ion: 93 Resp: 72381

Ion Ratio Lower Upper

93 100

66 48.7 67.4 101.0#

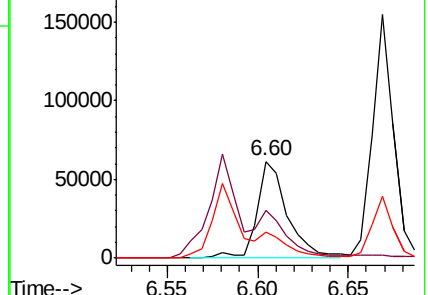
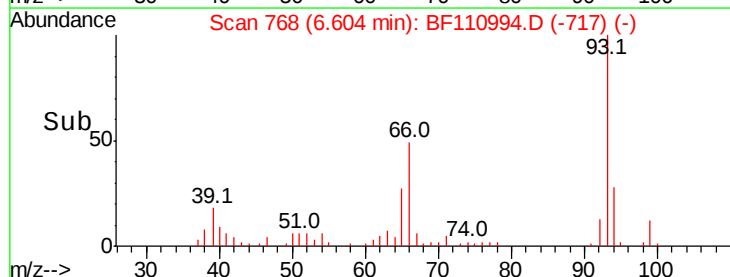
65 27.1 41.0 61.4#

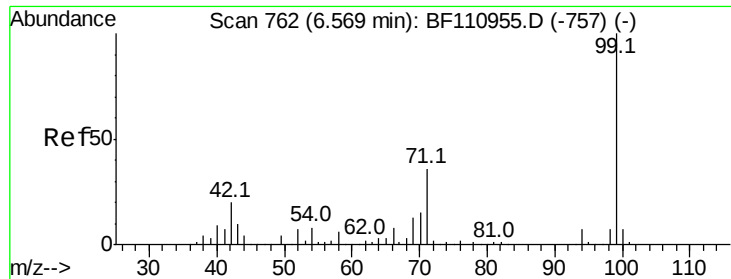


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 70.058 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

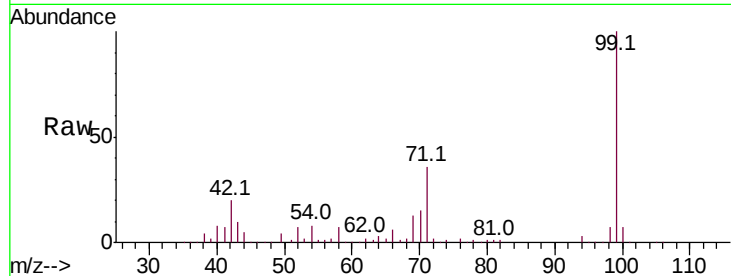
Tot Ion: 99 Resp: 298769

Ion Ratio Lower Upper

99 100

42 20.1 15.8 23.6

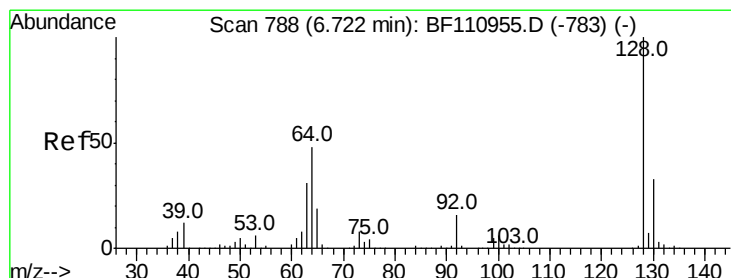
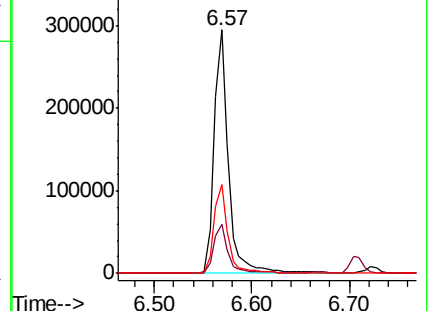
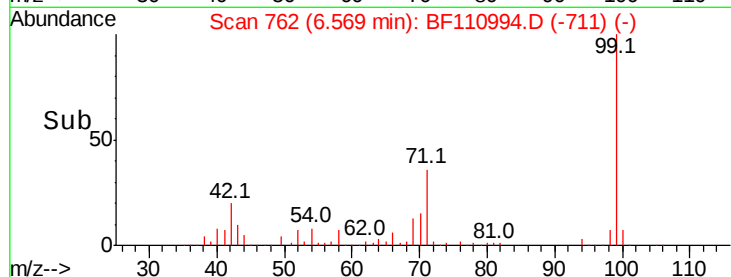
71 36.4 28.0 42.0



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: 35.122 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

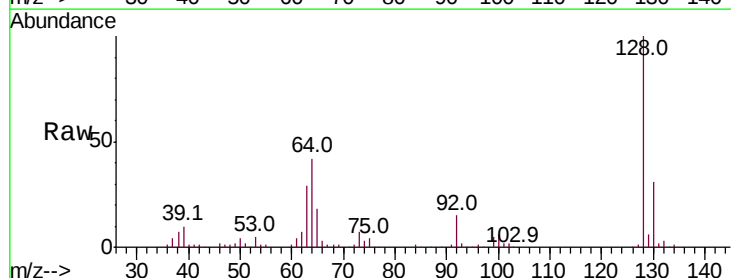
Tgt Ion: 128 Resp: 136212

Ion Ratio Lower Upper

128 100

130 31.5 13.1 53.1

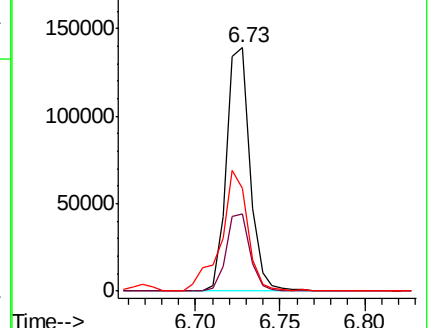
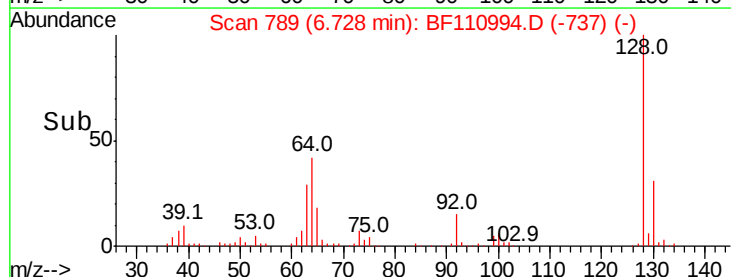
64 42.4 26.0 66.0

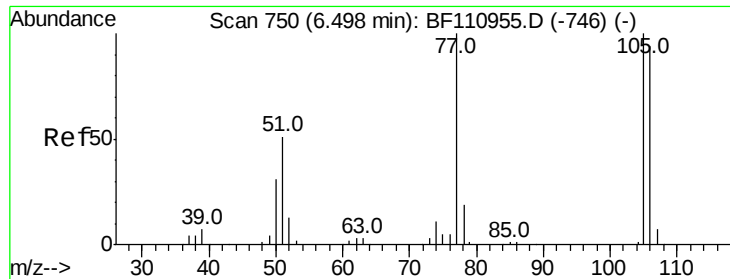


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

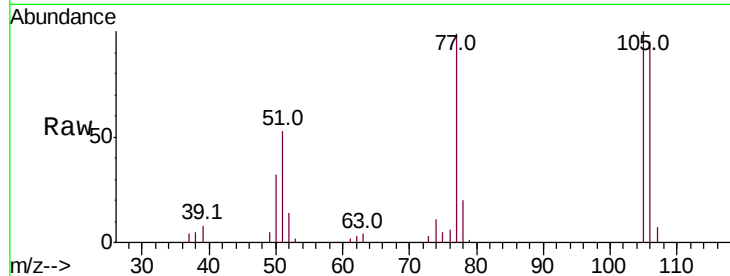




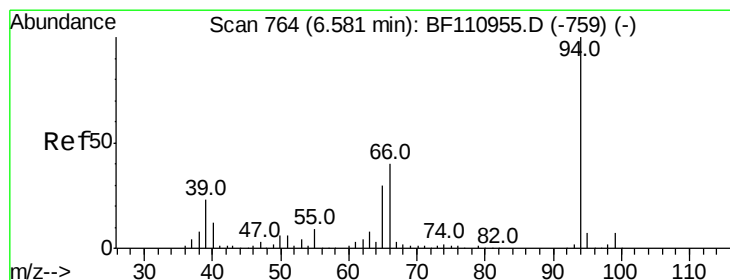
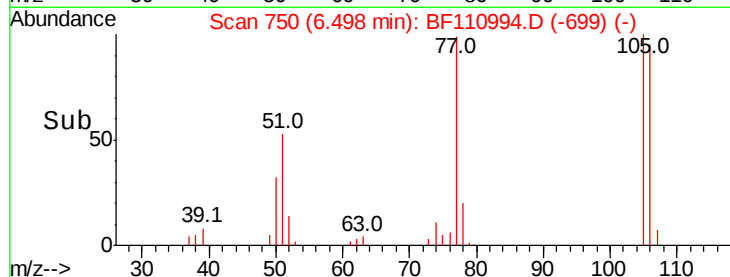
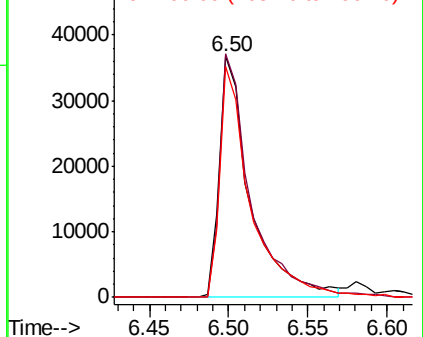
#9
Benzaldehyde
Concen: 18.596 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion: 77 Resp: 49805
Ion Ratio Lower Upper
77 100
105 101.3 78.6 118.6
106 96.2 74.8 114.8

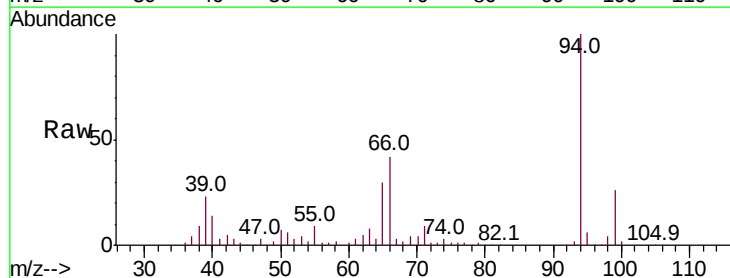


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

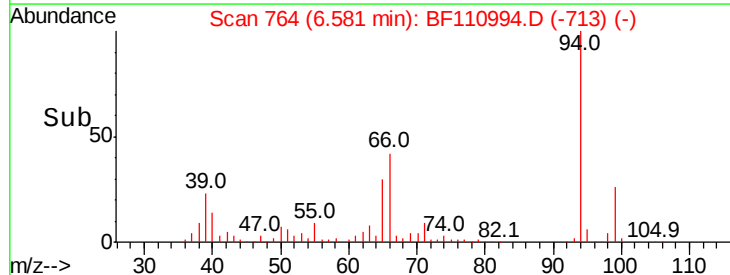
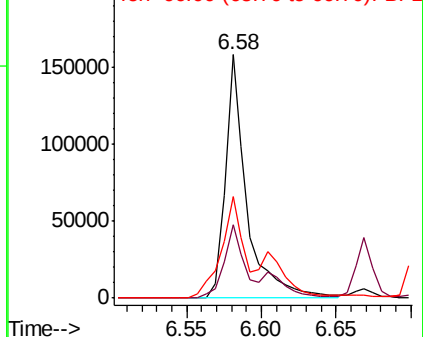


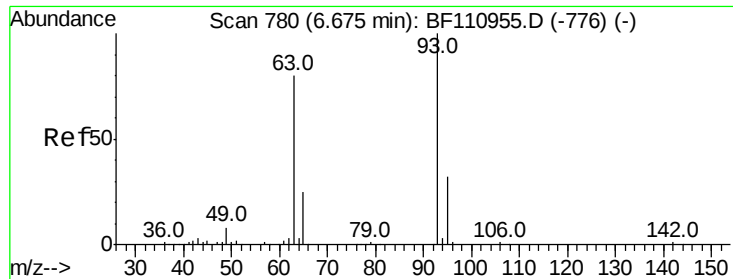
#10
Phenol
Concen: 33.387 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 94 Resp: 160349
Ion Ratio Lower Upper
94 100
65 30.0 25.3 65.3
66 41.7 54.5 94.5#



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

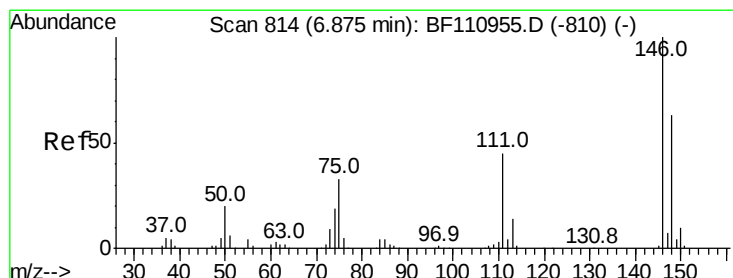
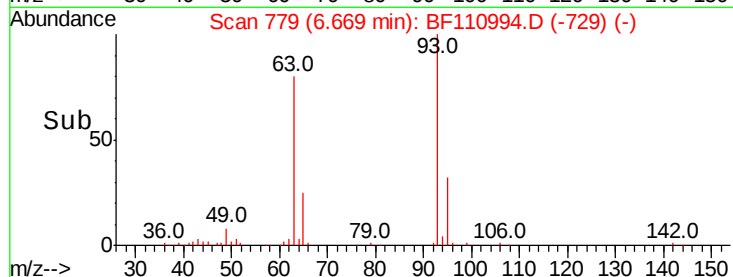
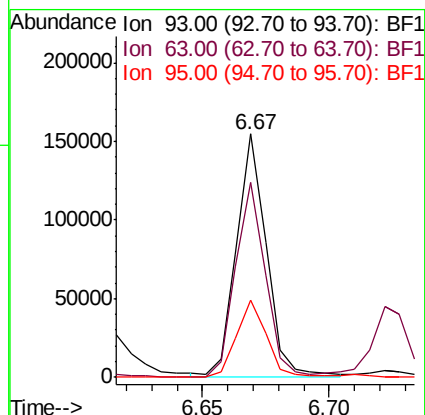
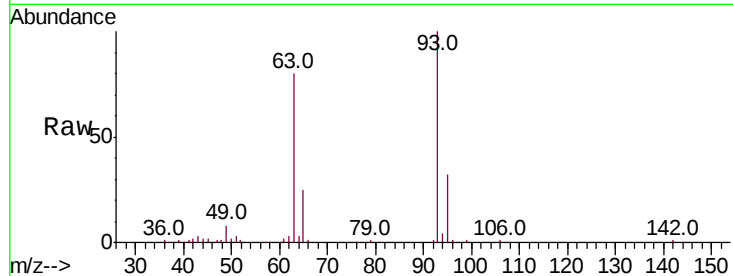




#11
bis(2-Chloroethyl)ether
Concen: 35.457 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

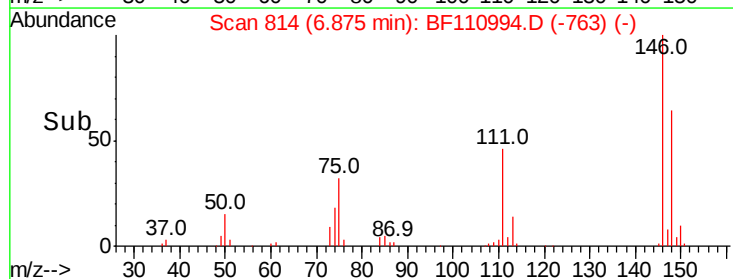
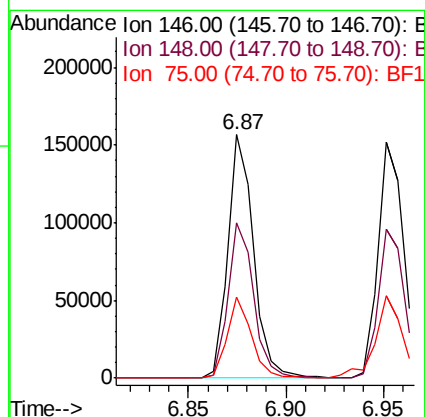
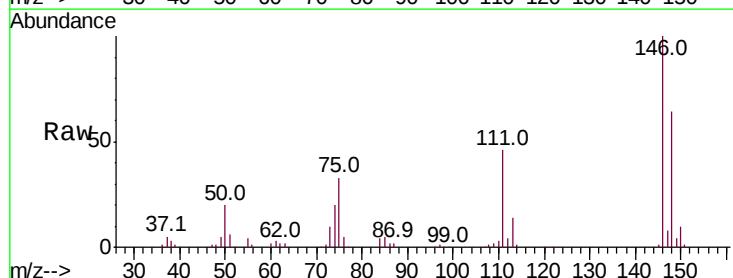
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

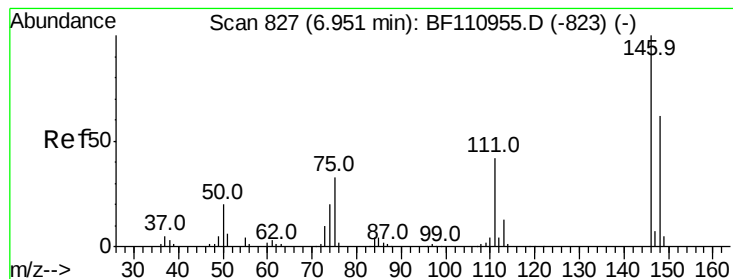
Tot Ion: 93 Resp: 128292
Ion Ratio Lower Upper
93 100
63 80.3 53.4 93.4
95 31.7 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 33.593 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 146 Resp: 143128
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
75 33.1 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 33.374 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

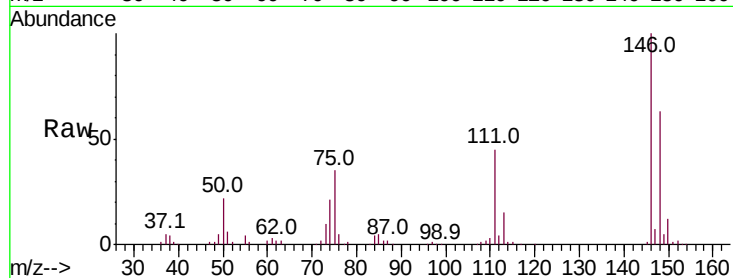
Tot Ion:146 Resp: 146223

Ion Ratio Lower Upper

146 100

148 63.2 50.3 75.5

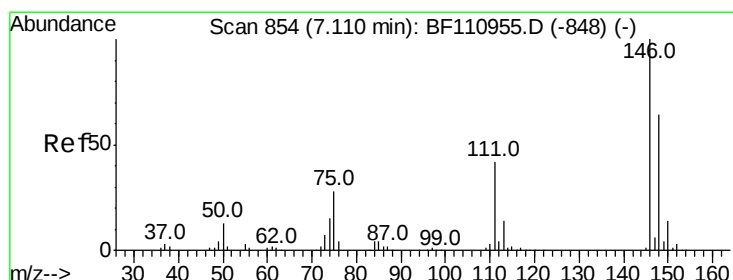
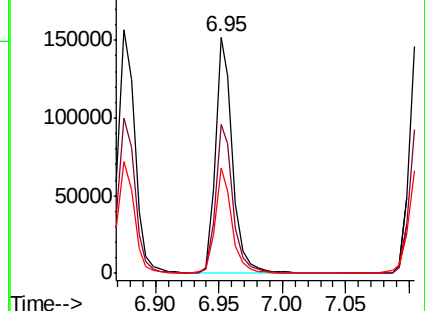
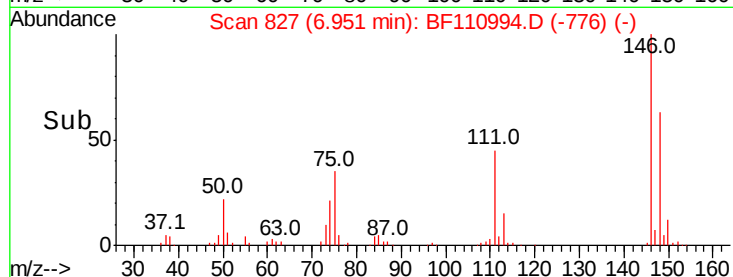
111 44.5 32.7 49.1



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: 33.163 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

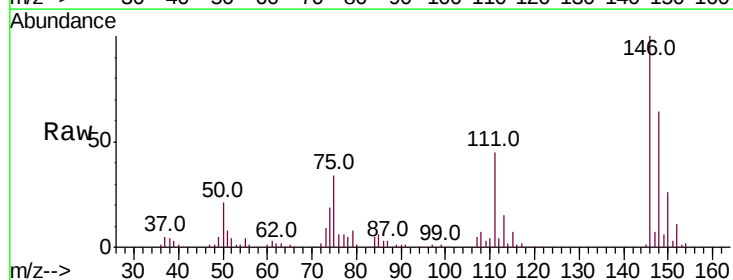
Tgt Ion:146 Resp: 136753

Ion Ratio Lower Upper

146 100

148 63.5 51.1 76.7

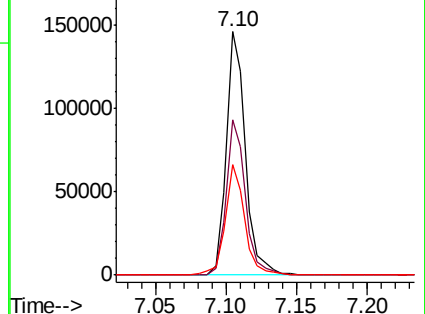
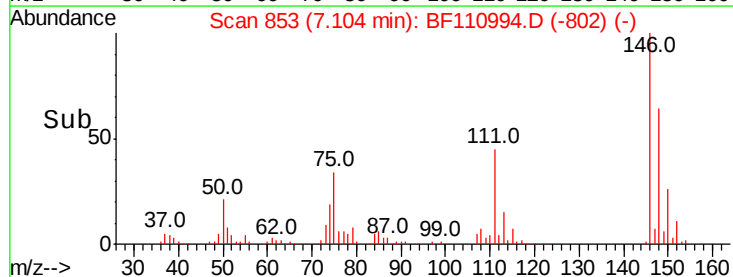
111 45.4 35.8 53.6

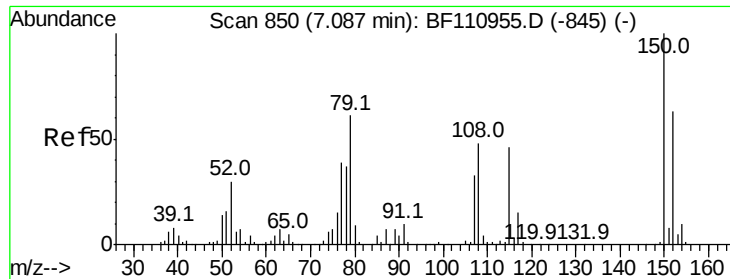


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

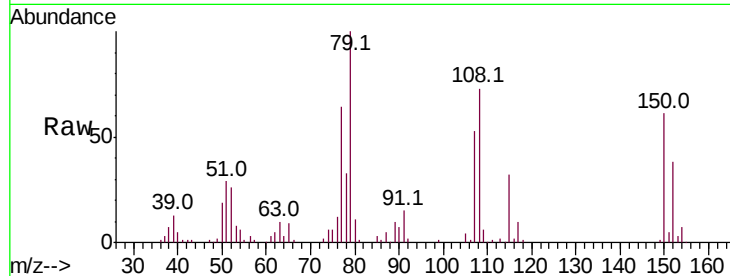




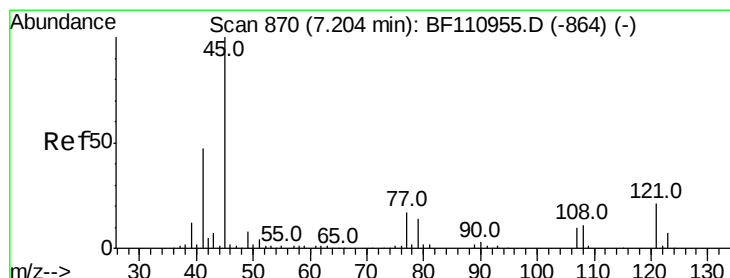
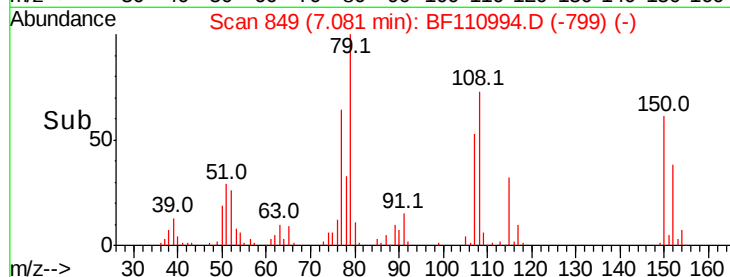
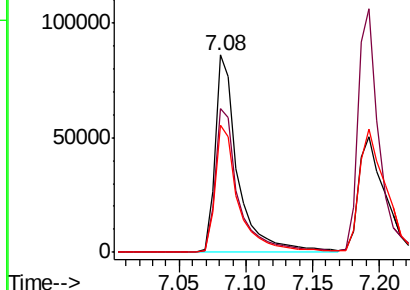
#15
Benzyl Alcohol
Concen: 31.723 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion: 79 Resp: 103968
Ion Ratio Lower Upper
79 100
108 73.1 56.3 84.5
77 64.4 52.9 79.3

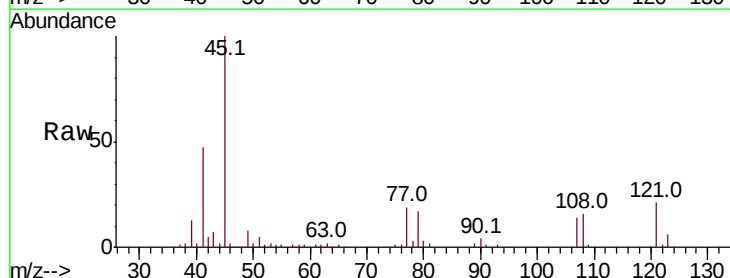


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

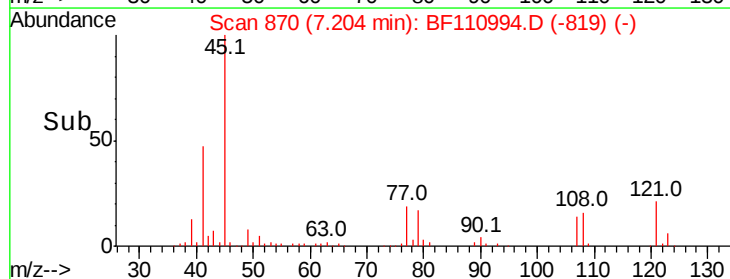
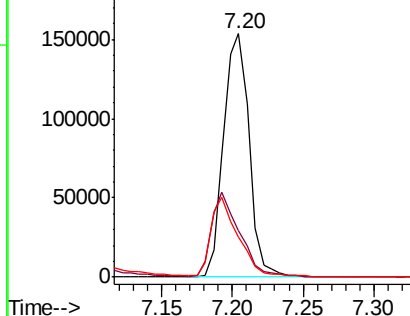


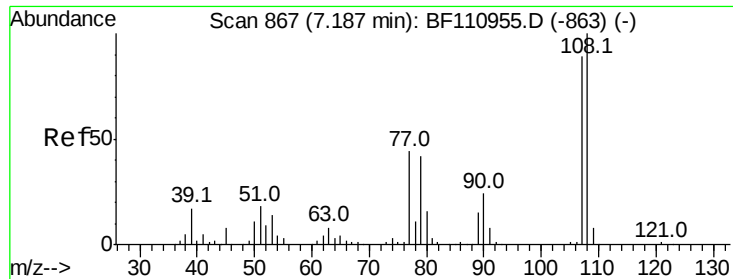
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.720 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 45 Resp: 194172
Ion Ratio Lower Upper
45 100
77 19.0 10.0 50.0
79 16.5 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: 33.942 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleID :

PB115071BSD

Tot Ion:107 Resp: 104664

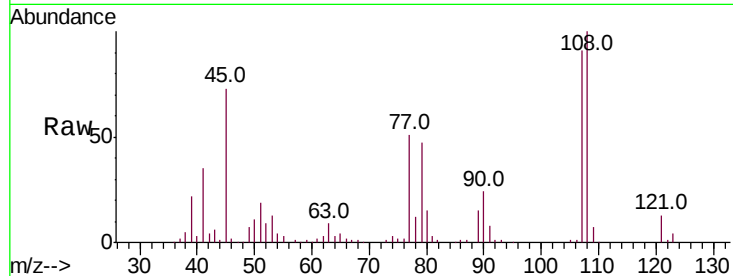
Ion Ratio Lower Upper

107 100

108 110.1 92.6 138.8

77 55.7 59.4 89.2#

79 52.0 54.0 81.0#

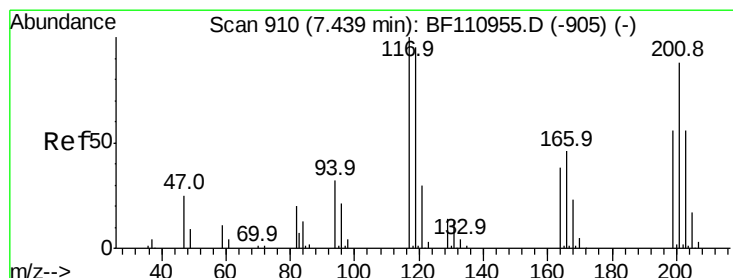
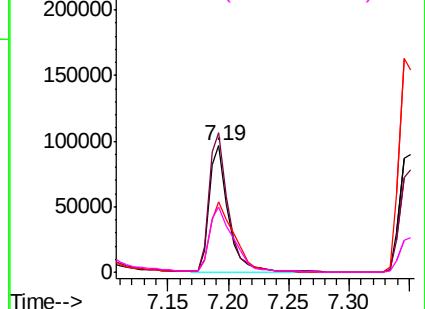
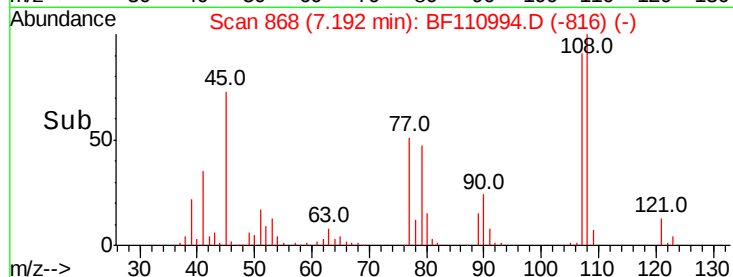


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 26.325 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

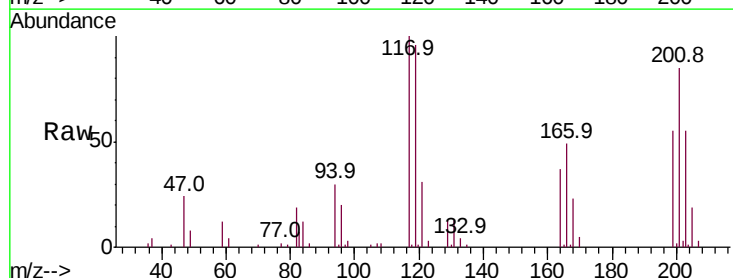
Tgt Ion:117 Resp: 42427

Ion Ratio Lower Upper

117 100

119 95.7 75.0 112.6

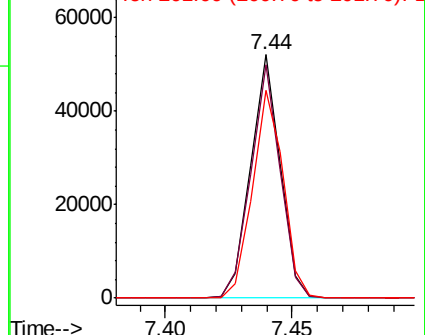
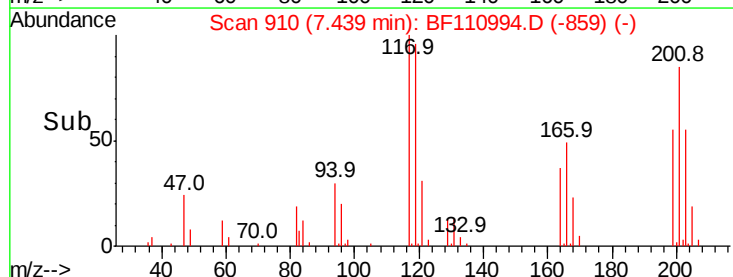
201 85.5 79.2 118.8

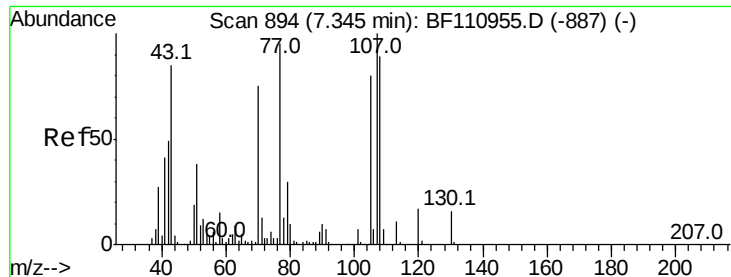


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

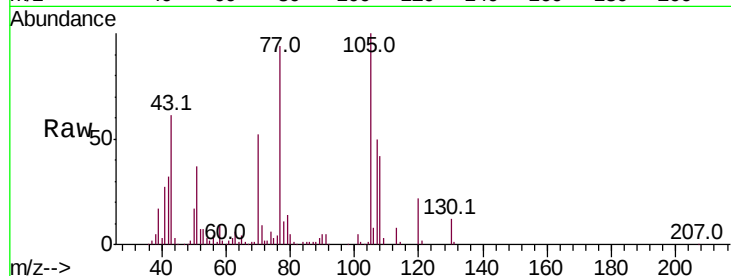




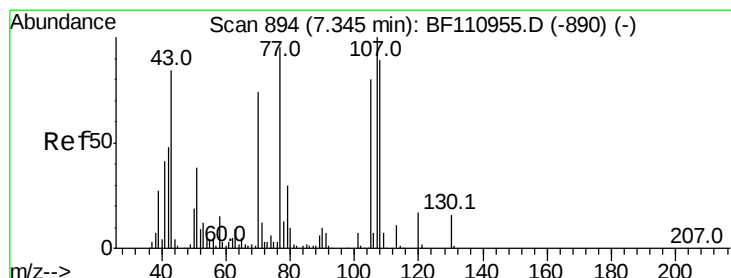
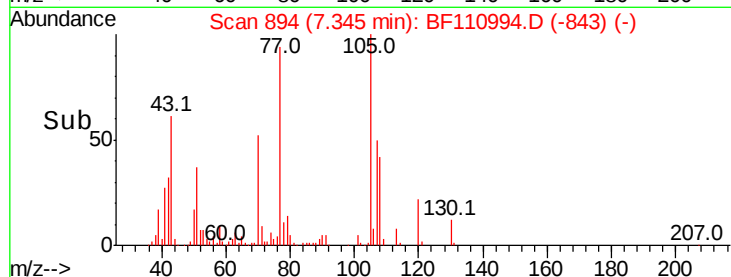
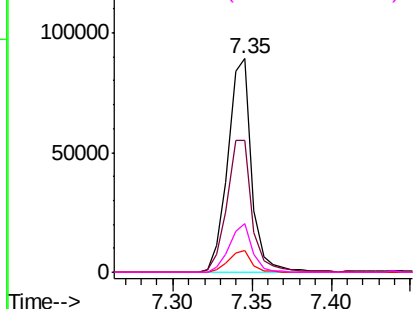
#19
n-Nitroso-di-n-propylamine
Concen: 33.488 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion: 70 Resp: 93027
Ion Ratio Lower Upper
70 100
42 61.5 47.4 71.2
101 10.2 7.3 10.9
130 23.0 16.2 24.2

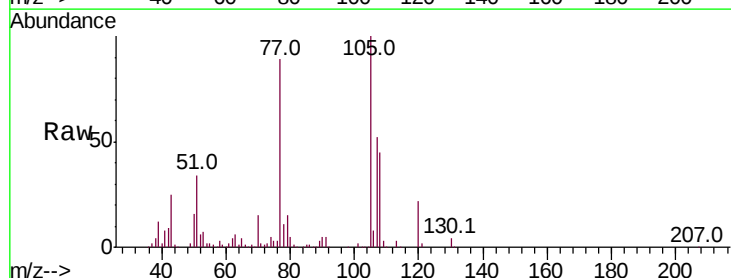


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

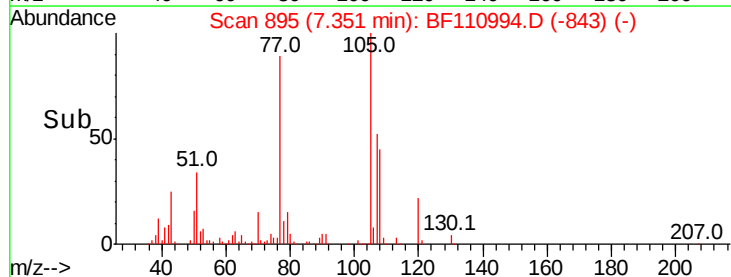
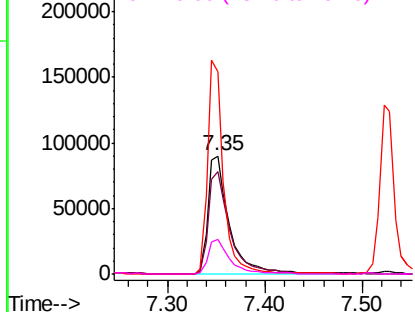


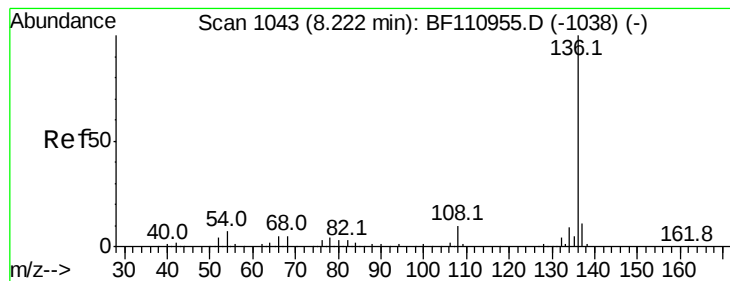
#20
3+4-Methylphenols
Concen: 33.407 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:107 Resp: 136937
Ion Ratio Lower Upper
107 100
108 87.1 71.4 111.4
77 171.4 47.3 87.3#
79 29.3 10.9 50.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

Tot Ion:136 Resp: 206305

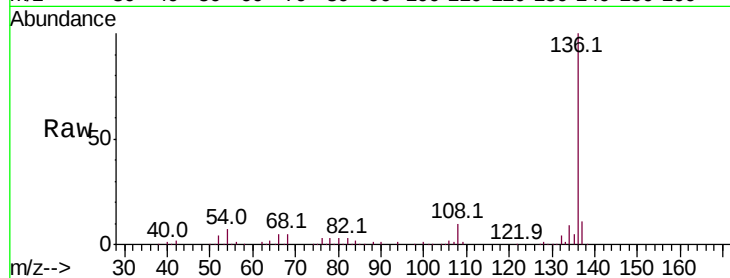
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.2 5.4 8.2

68 4.7 4.2 6.2

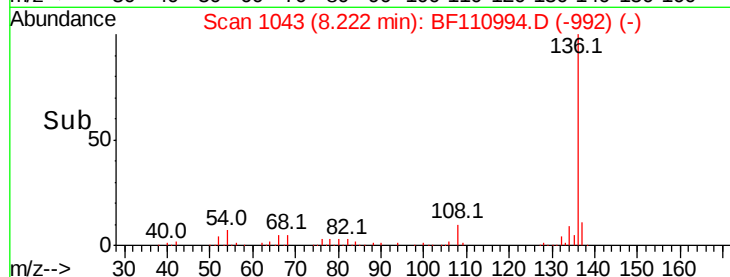


Abundance Ion 136.00 (135.70 to 136.70): E

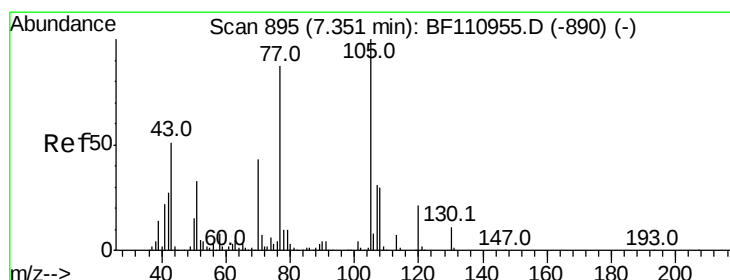
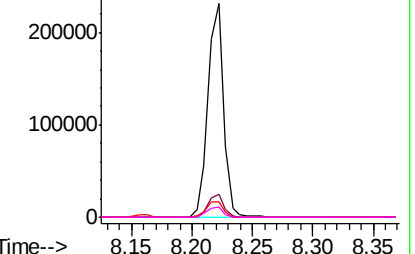
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 38.306 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Tgt Ion:105 Resp: 185237

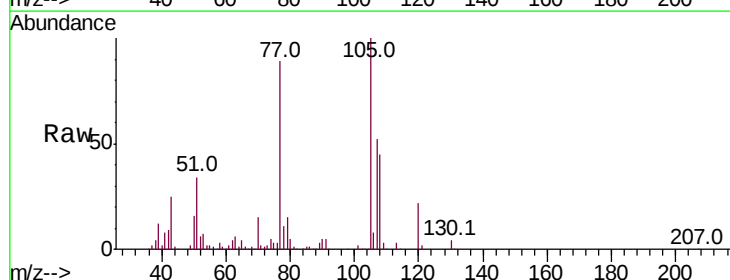
Ion Ratio Lower Upper

105 100

71 2.5 5.2 7.8#

51 33.5 21.8 32.8#

120 21.8 17.0 25.4

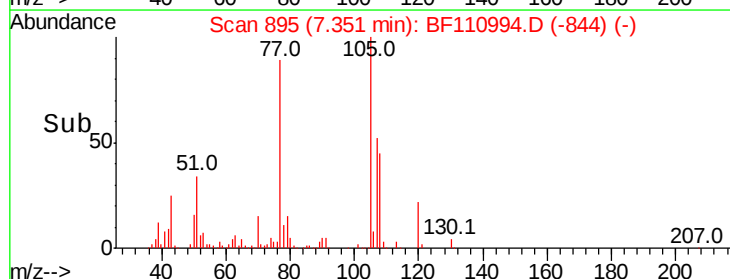


Abundance Ion 105.00 (104.70 to 105.70): E

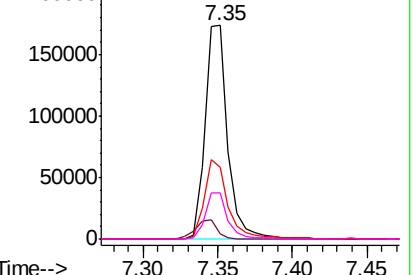
Ion 71.00 (70.70 to 71.70): BF1

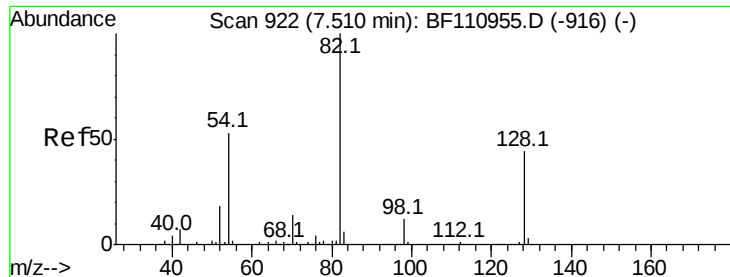
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

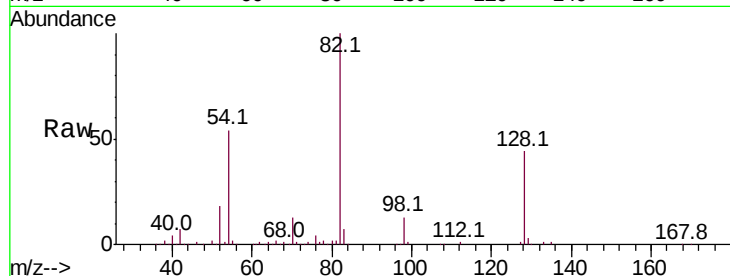




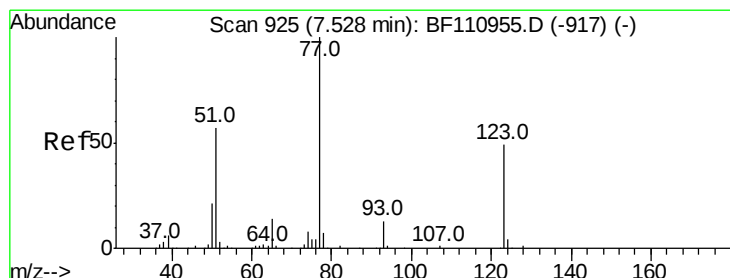
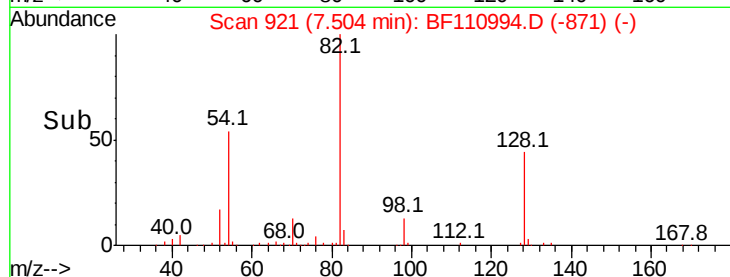
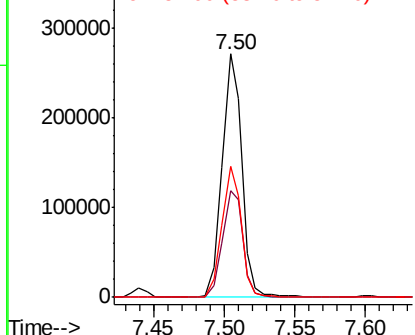
#23
Nitrobenzene-d5
Concen: 73.247 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion: 82 Resp: 264042
Ion Ratio Lower Upper
82 100
128 43.9 34.2 51.2
54 54.0 38.6 58.0

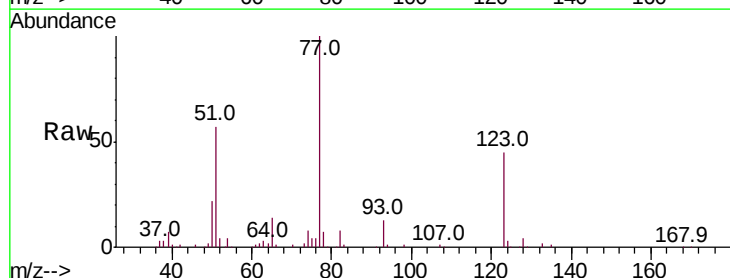


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

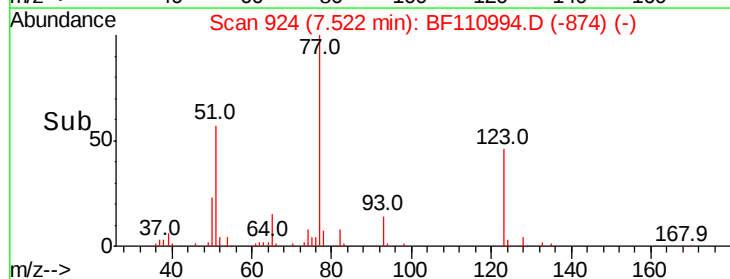
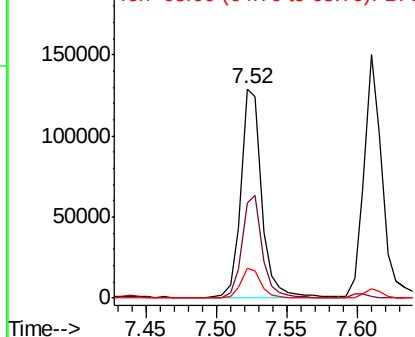


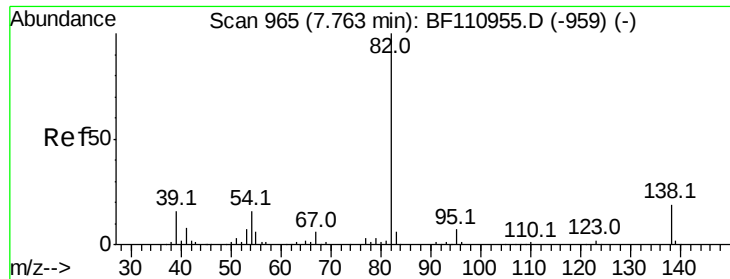
#24
Nitrobenzene
Concen: 35.458 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 77 Resp: 132922
Ion Ratio Lower Upper
77 100
123 45.2 35.7 53.5
65 14.3 10.7 16.1



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

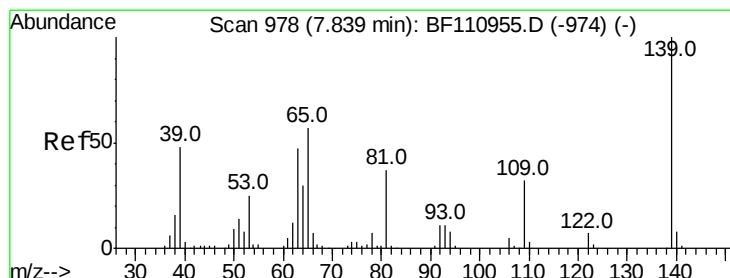
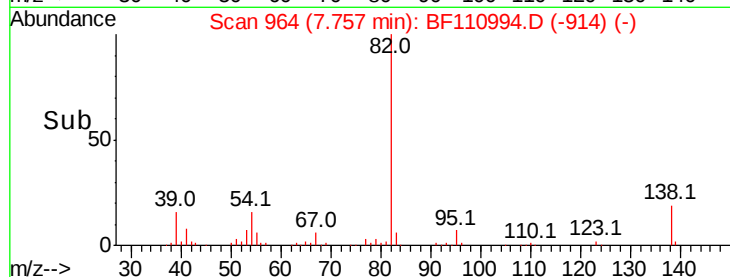
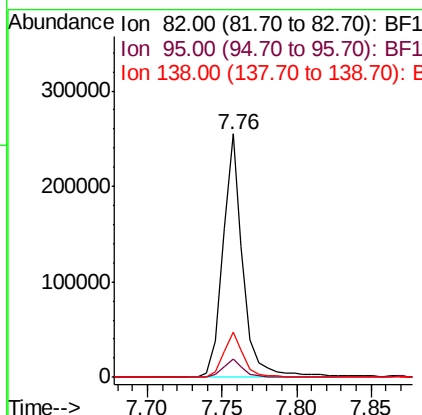
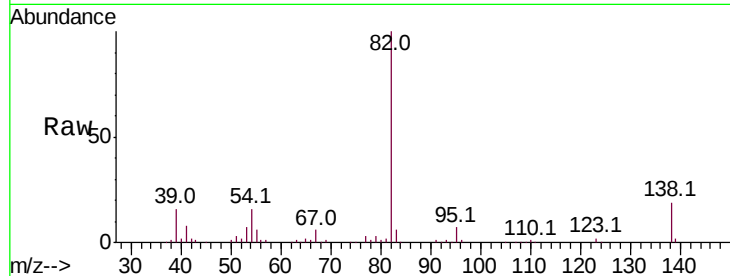




#25
Isophorone
Concen: 40.738 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

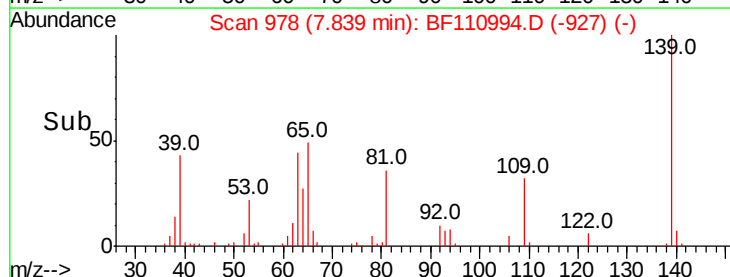
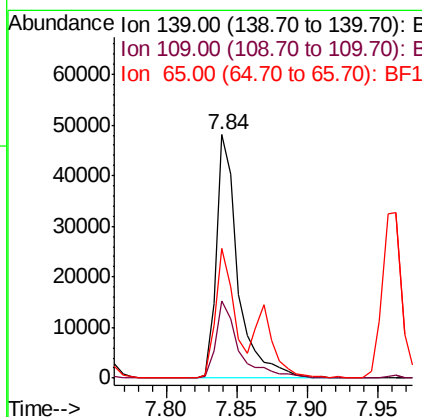
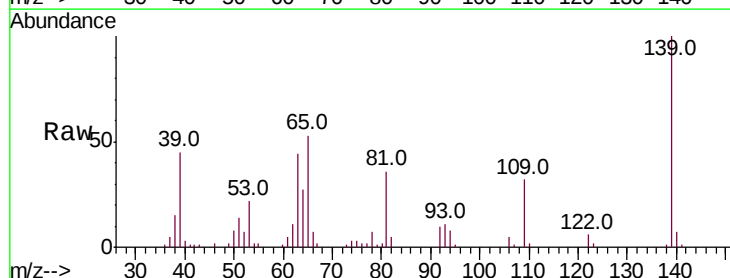
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

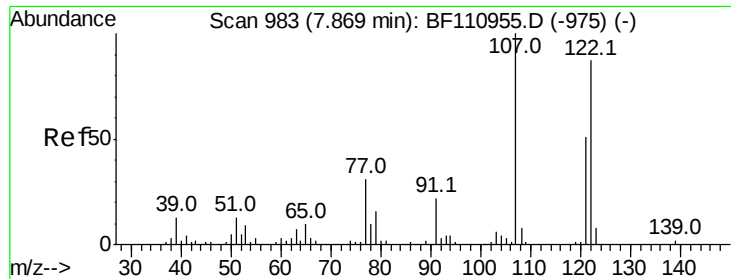
Tot Ion: 82 Resp: 240889
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.7 13.2 19.8



#26
2-Nitrophenol
Concen: 28.081 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 139 Resp: 51142
Ion Ratio Lower Upper
139 100
109 31.8 25.0 37.6
65 53.3 44.0 66.0

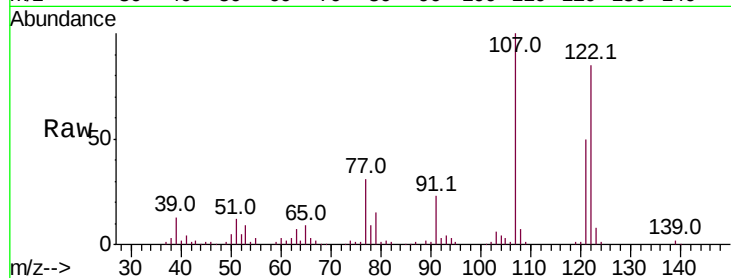




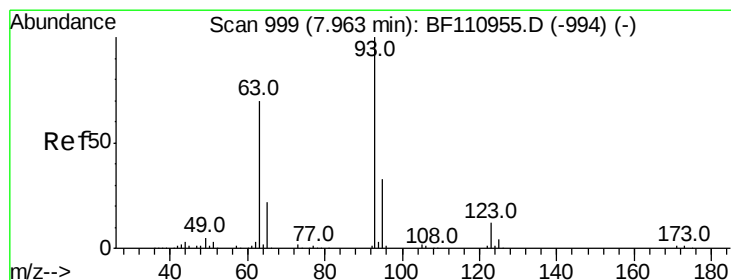
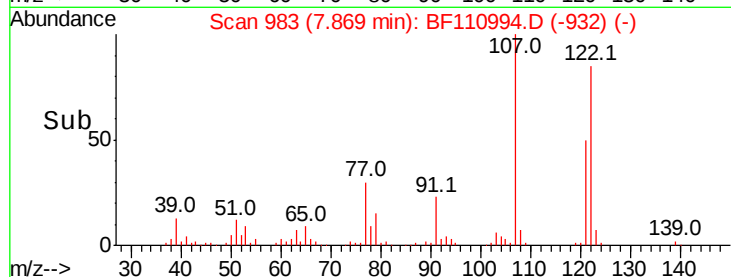
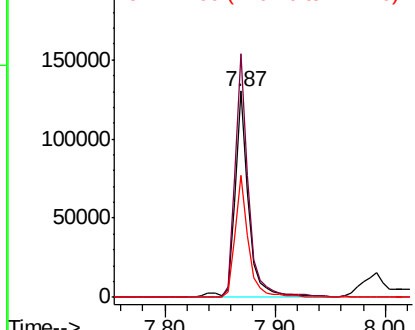
#27
2,4-Dimethylphenol
Concen: 41.299 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:122 Resp: 113589
Ion Ratio Lower Upper
122 100
107 118.2 92.5 138.7
121 59.1 45.8 68.8

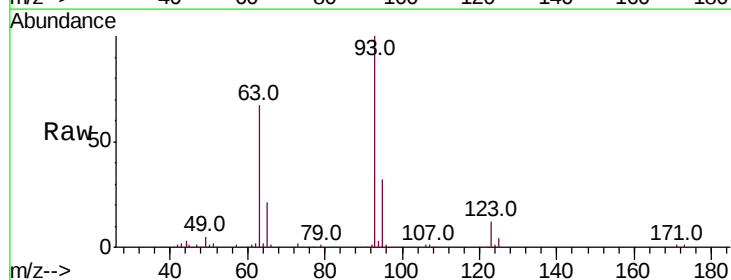


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

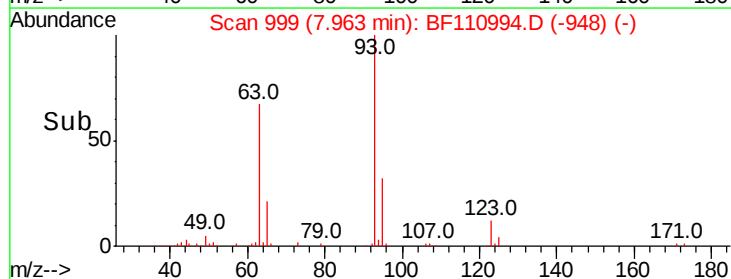
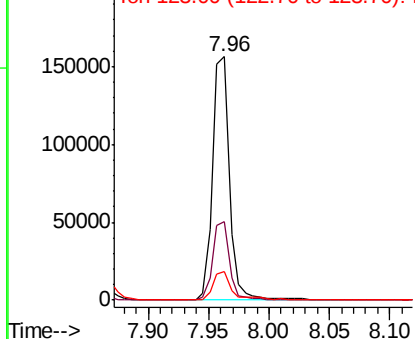


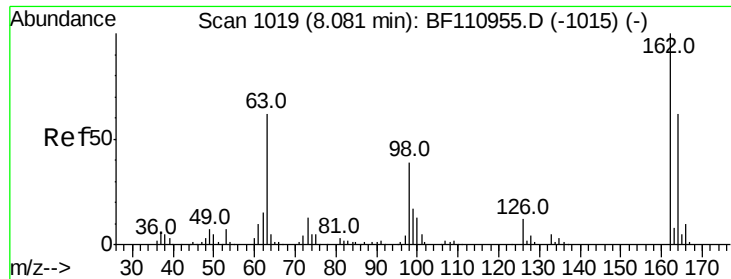
#28
bis(2-Chloroethoxy)methane
Concen: 38.238 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 93 Resp: 151476
Ion Ratio Lower Upper
93 100
95 32.4 26.4 39.6
123 11.9 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

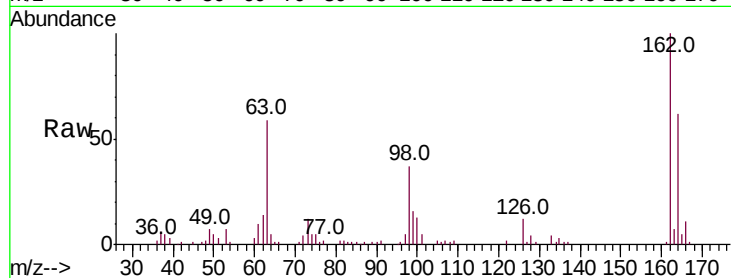




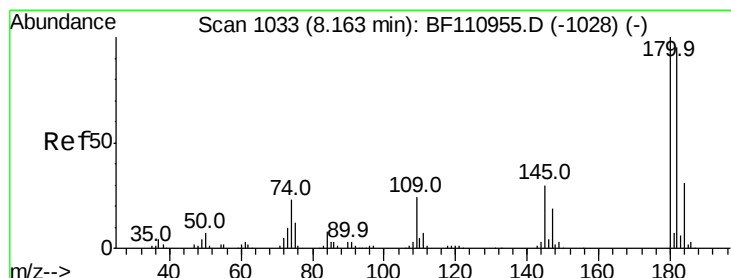
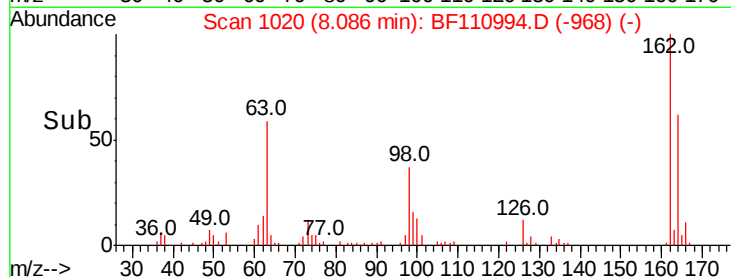
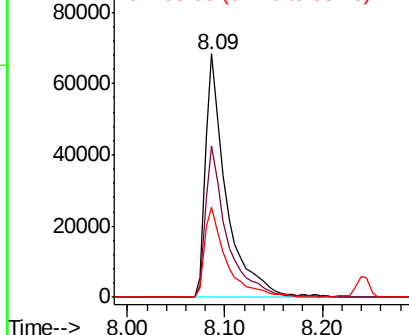
#29
 2,4-Dichlorophenol
 Concen: 35.104 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:162 Resp: 101033
 Ion Ratio Lower Upper
 162 100
 164 62.0 44.6 84.6
 98 37.0 17.4 57.4

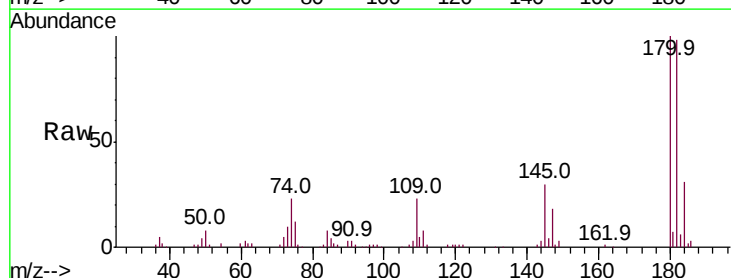


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

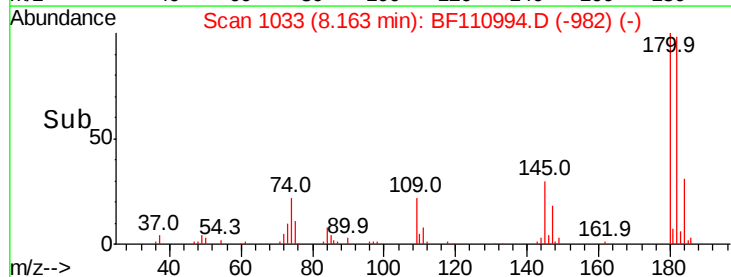
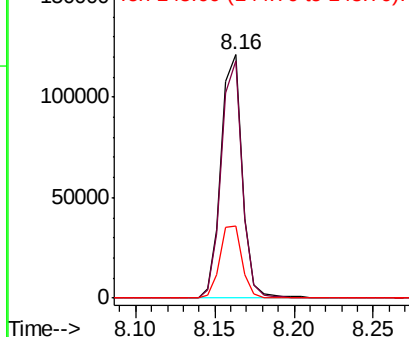


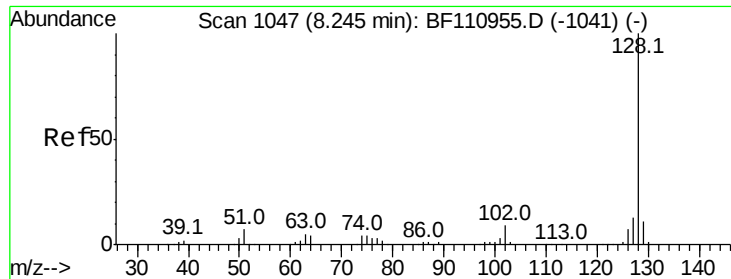
#30
 1,2,4-Trichlorobenzene
 Concen: 35.011 ng
 RT: 8.16 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion:180 Resp: 112925
 Ion Ratio Lower Upper
 180 100
 182 97.6 80.3 120.5
 145 29.8 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

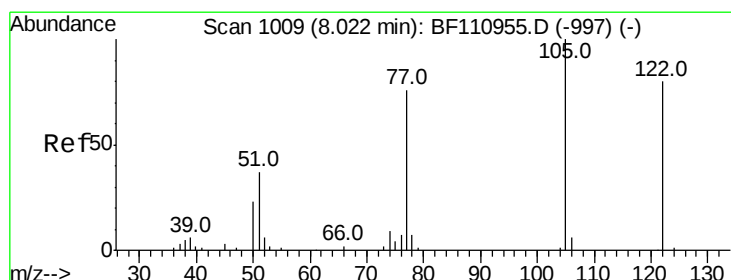
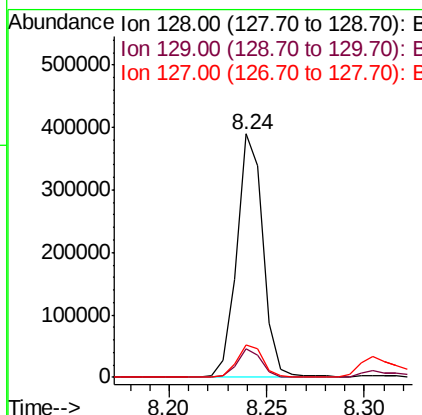
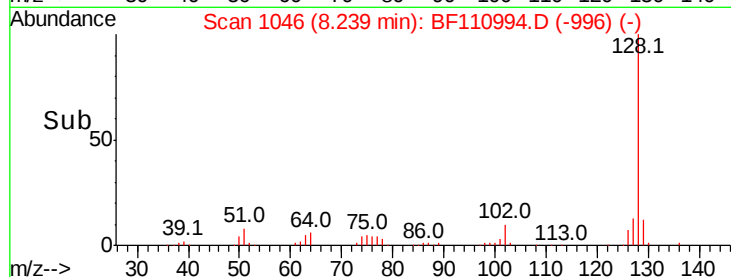
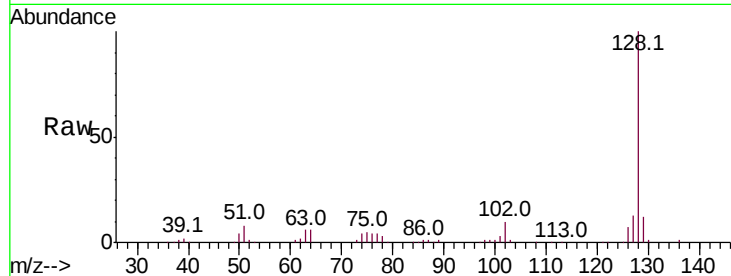




#31
Naphthalene
Concen: 37.607 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

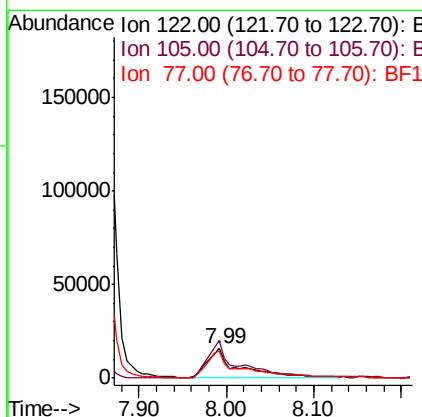
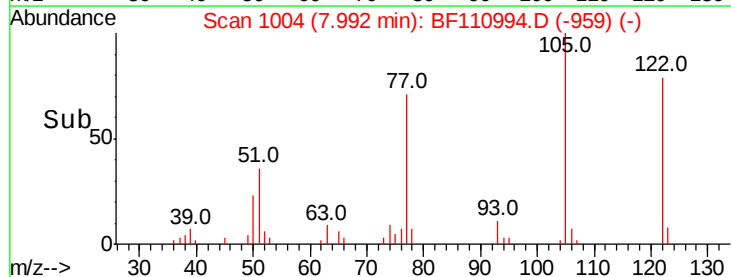
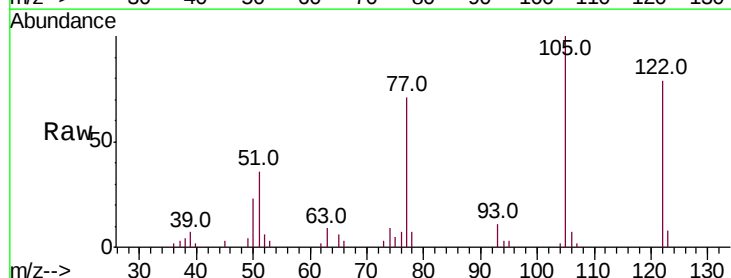
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

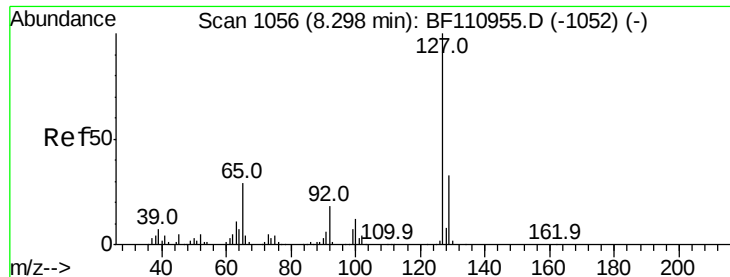
Tot Ion:128 Resp: 363687
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 18.417 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.04 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:122 Resp: 37661
Ion Ratio Lower Upper
122 100
105 127.4 109.0 149.0
77 90.8 79.0 119.0

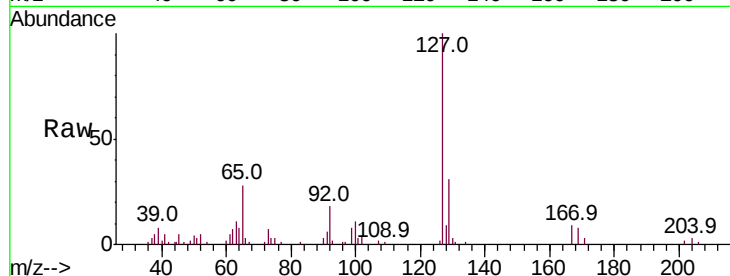




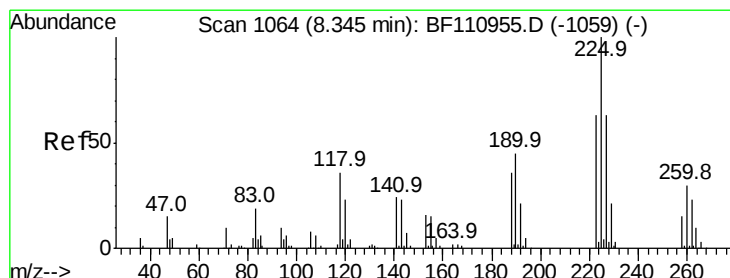
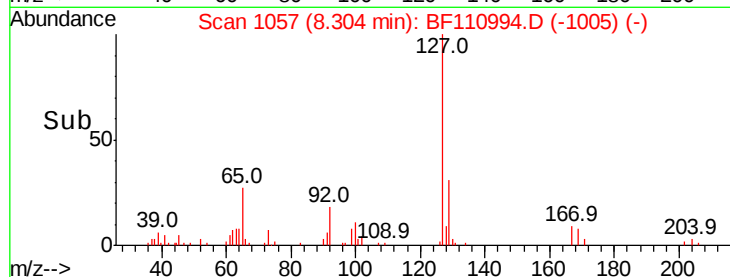
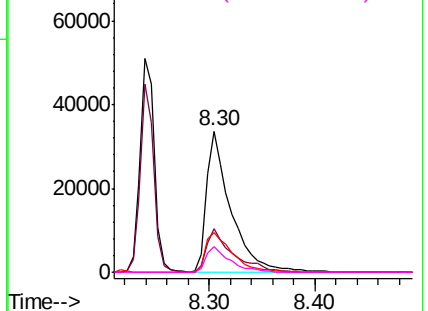
#33
4-Chloroaniline
Concen: 13.132 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:	127	Resp:	54054
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.0	39.0
65	28.3	25.1	37.7
92	17.9	15.0	22.6

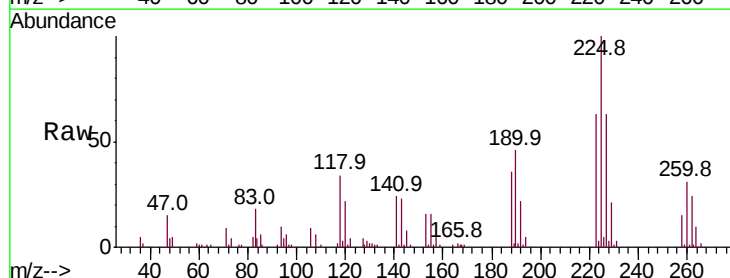


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

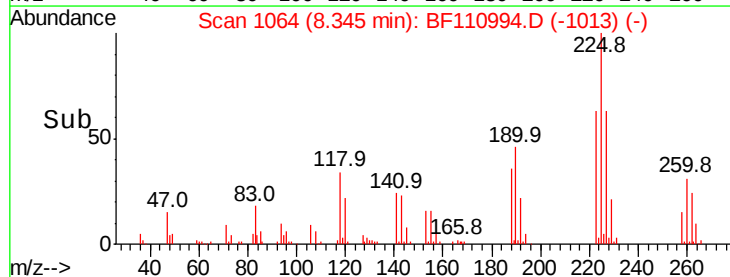
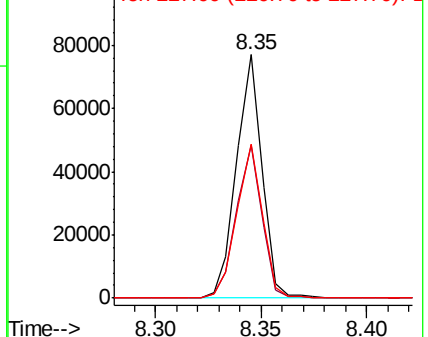


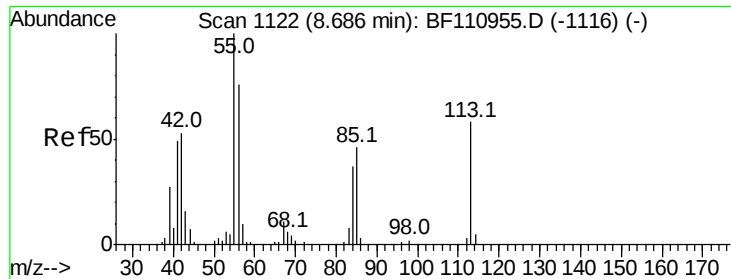
#34
Hexachlorobutadiene
Concen: 35.048 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:	225	Resp:	64387
Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	63.5	51.0	76.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.769 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

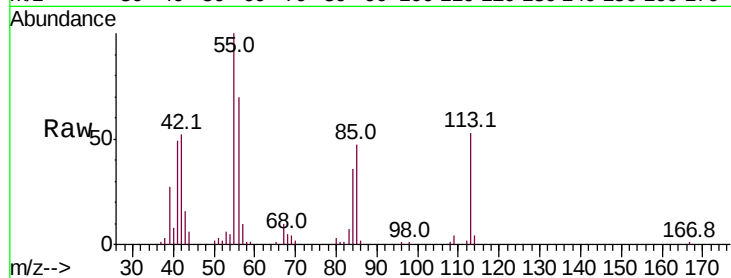
Tot Ion:113 Resp: 30233

Ion Ratio Lower Upper

113 100

55 189.1 142.8 182.8#

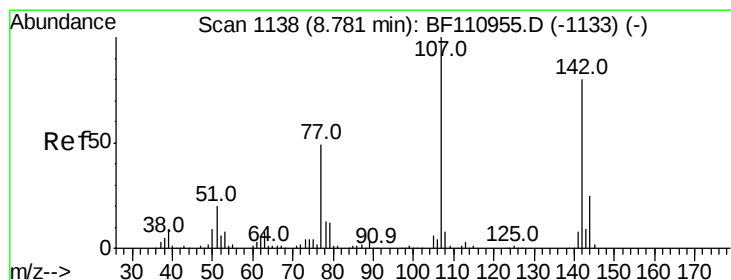
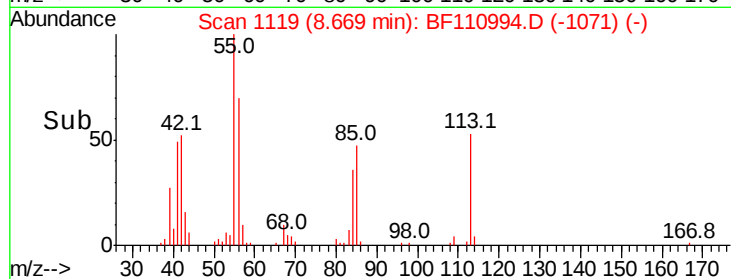
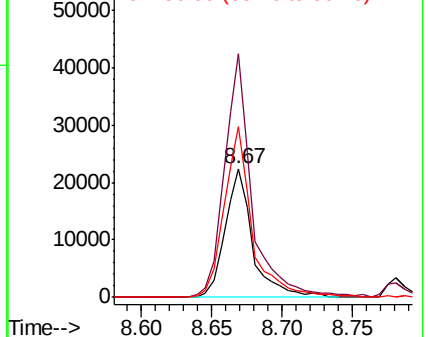
56 132.8 105.0 145.0



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: 32.880 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

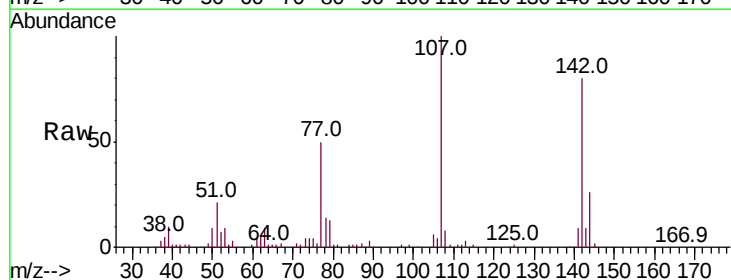
Tgt Ion:107 Resp: 105146

Ion Ratio Lower Upper

107 100

144 25.9 20.0 30.0

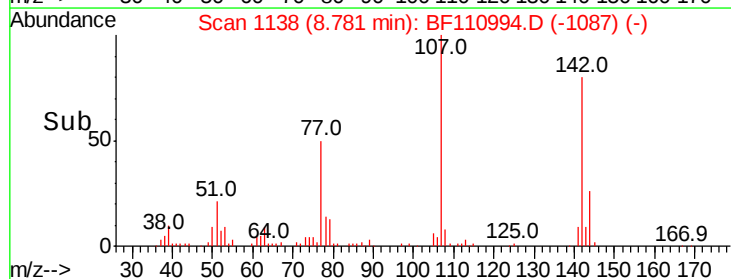
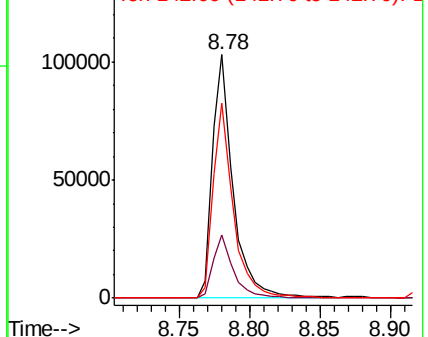
142 80.2 59.7 89.5

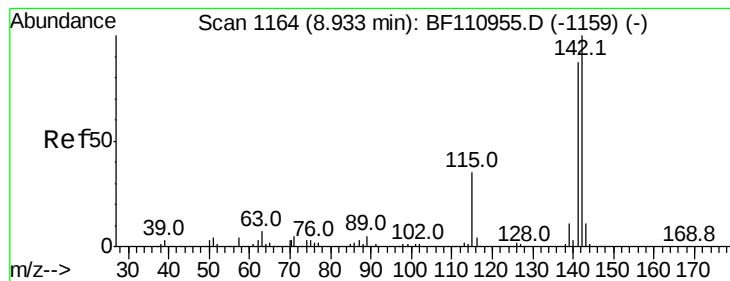


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.792 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

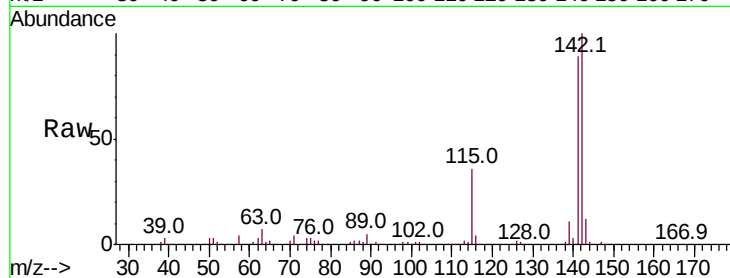
Tot Ion:142 Resp: 235011

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.2

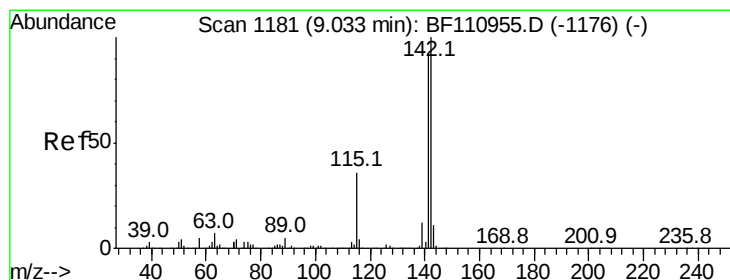
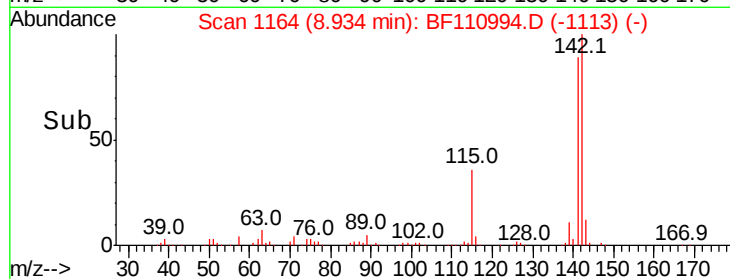
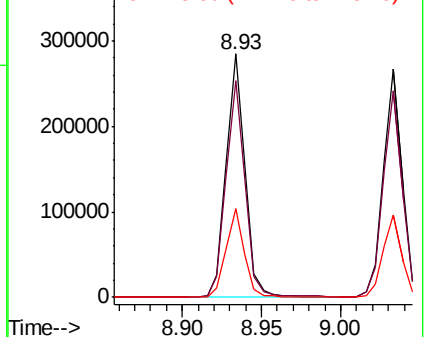
115 36.3 28.7 43.1



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: 35.219 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

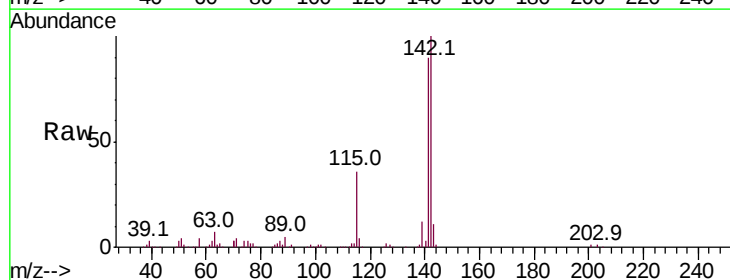
Tgt Ion:142 Resp: 218819

Ion Ratio Lower Upper

142 100

141 90.4 74.2 111.4

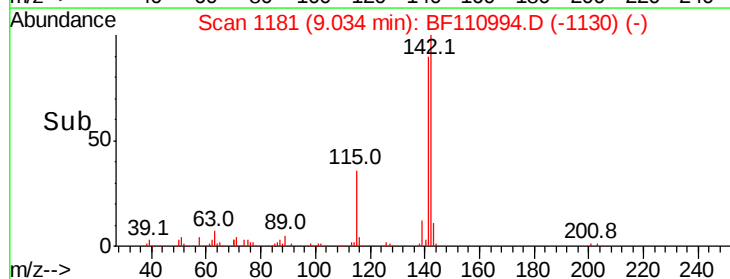
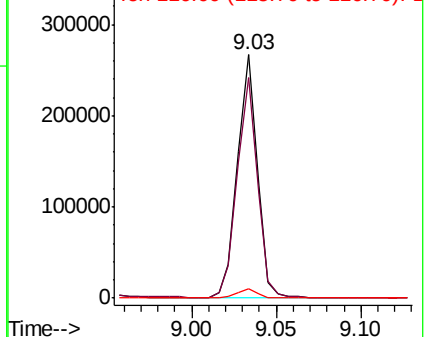
116 3.9 2.6 4.0

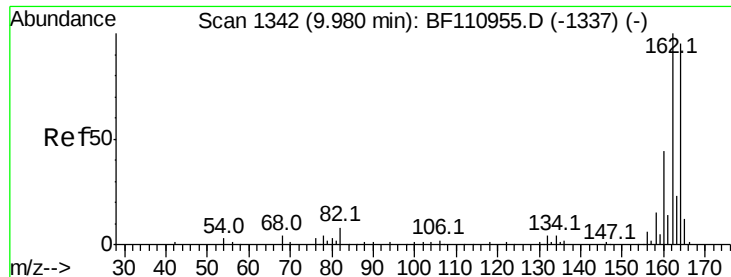


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

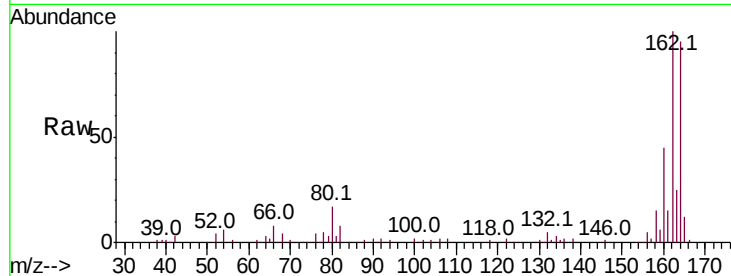




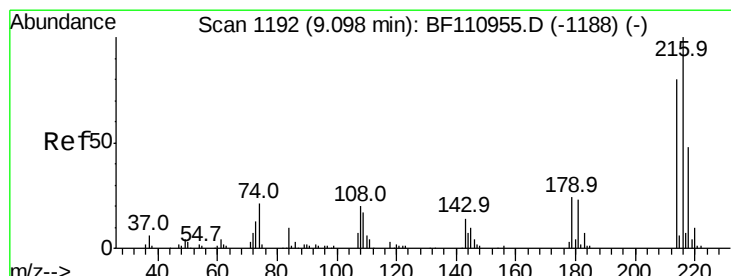
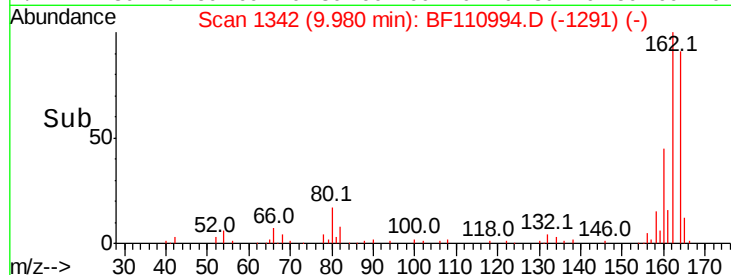
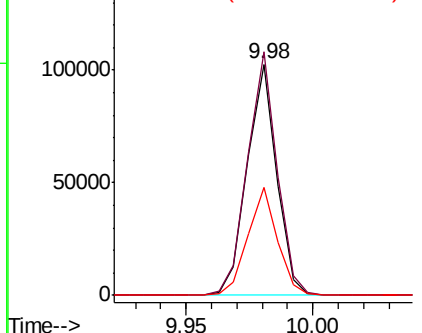
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:164 Resp: 83249
Ion Ratio Lower Upper
164 100
162 105.3 83.0 124.6
160 46.9 37.0 55.6

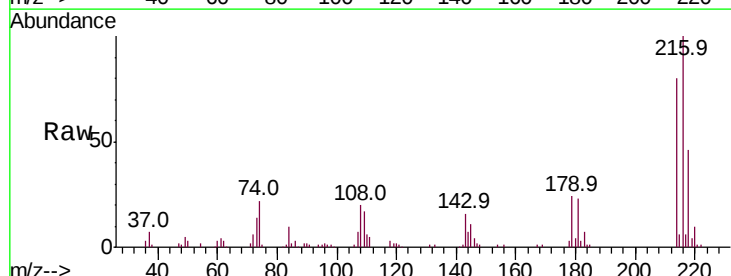


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

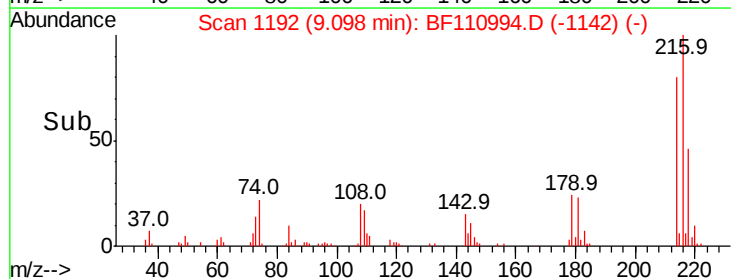
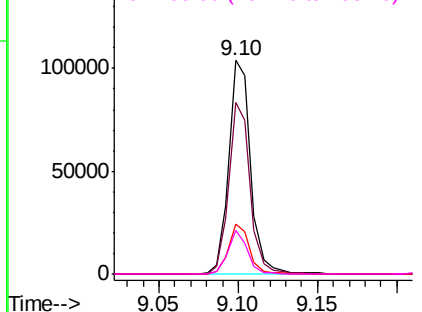


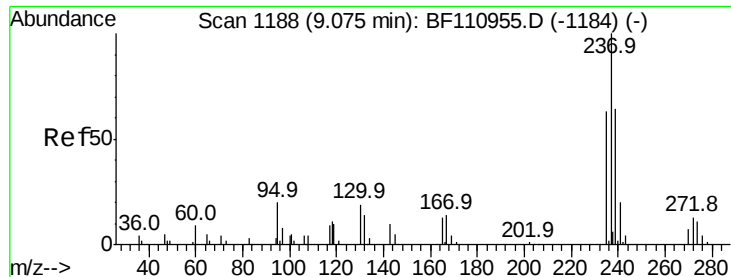
#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.687 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:216 Resp: 98694
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 22.2 16.6 25.0
108 18.3 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: 10.457 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.09 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

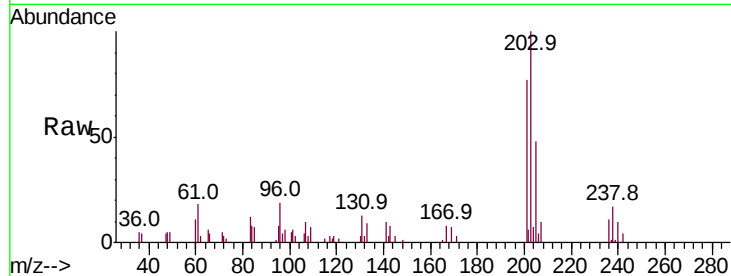
Tot Ion:237 Resp: 114

Ion Ratio Lower Upper

237 100

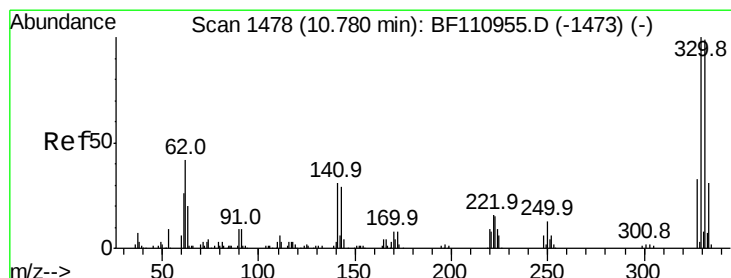
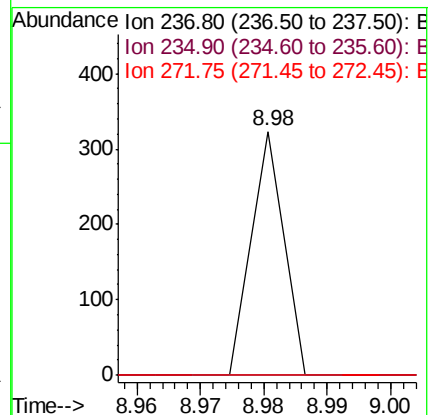
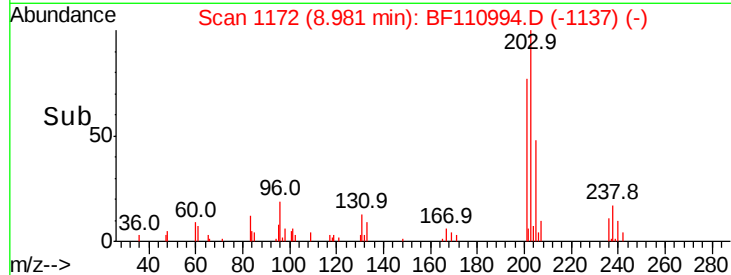
235 0.0 43.1 83.1#

272 0.0 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

8.98



#42

2,4,6-Tribromophenol

Concen: 65.012 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

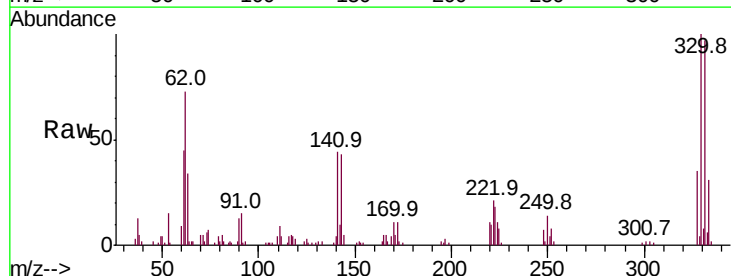
Tgt Ion:330 Resp: 53750

Ion Ratio Lower Upper

330 100

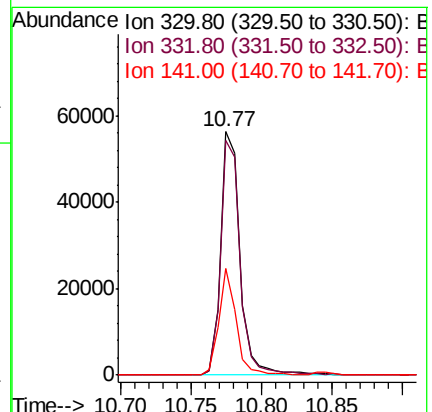
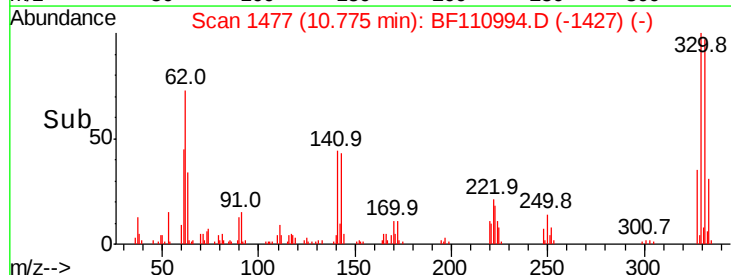
332 97.0 77.1 115.7

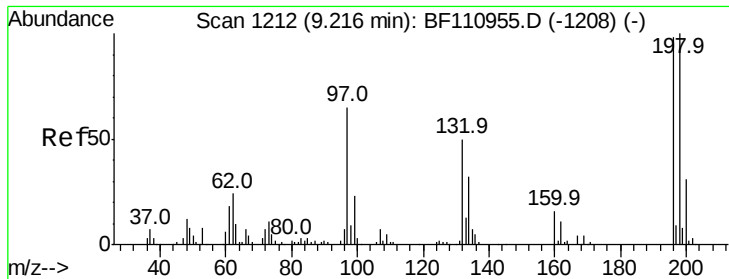
141 39.0 27.0 40.4



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

10.77

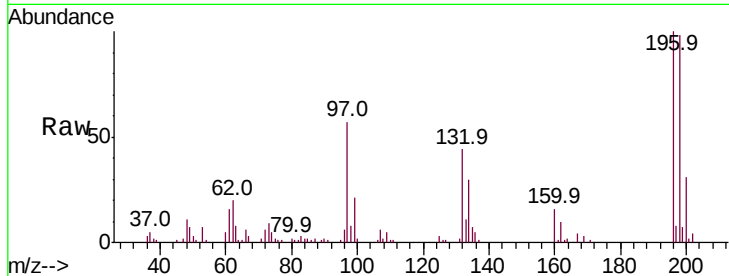




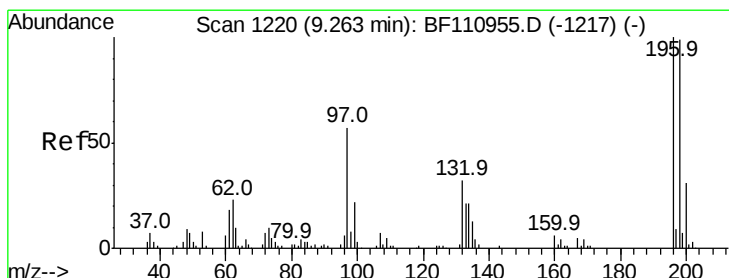
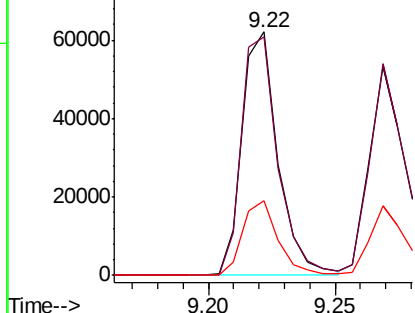
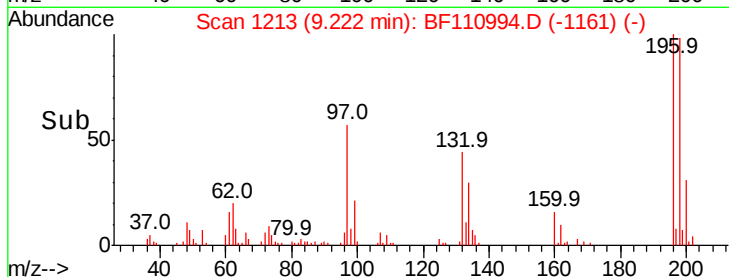
#43
 2,4,6-Trichlorophenol
 Concen: 39.378 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:196 Resp: 61590
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.2 114.4
 200 30.7 24.4 36.6

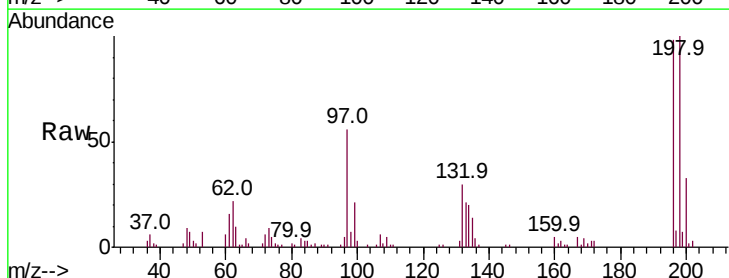


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

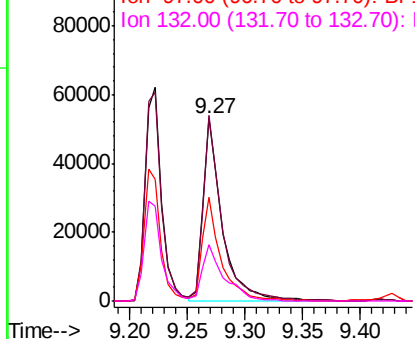
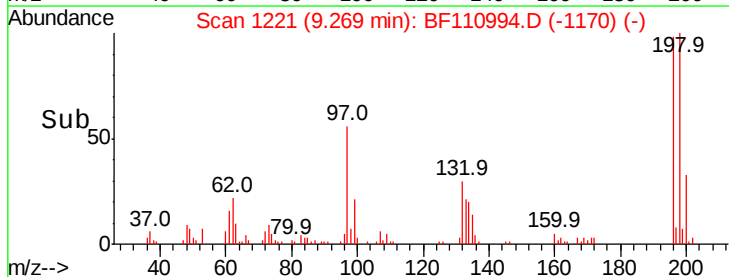


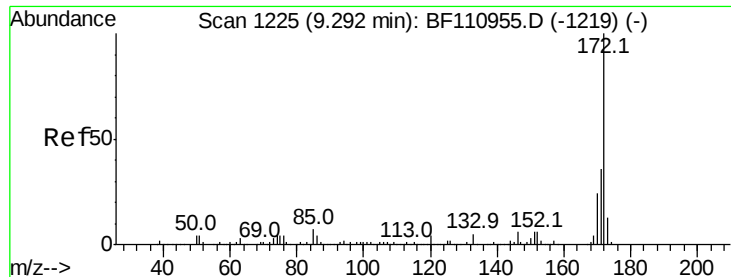
#44
 2,4,5-Trichlorophenol
 Concen: 38.051 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion:196 Resp: 62666
 Ion Ratio Lower Upper
 196 100
 198 101.7 75.8 113.6
 97 56.7 42.4 63.6
 132 31.0 22.8 34.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

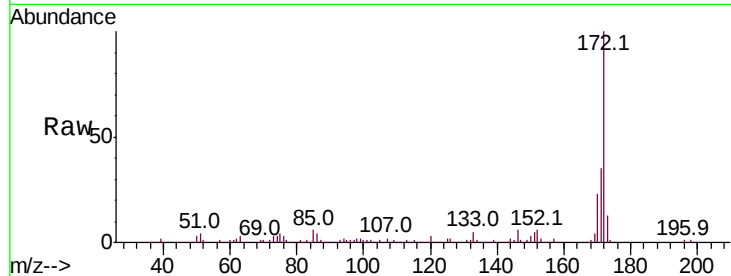




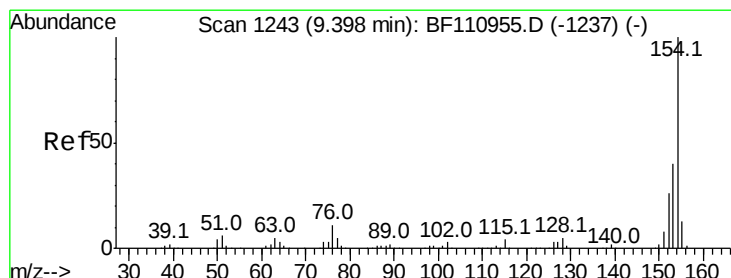
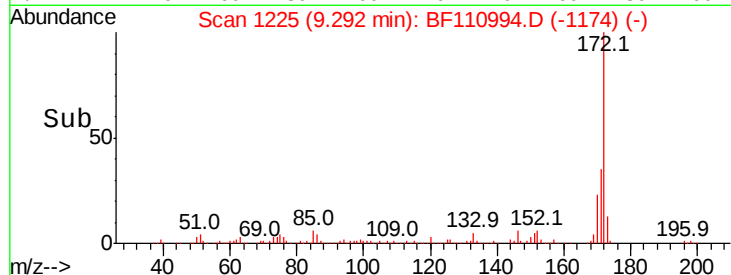
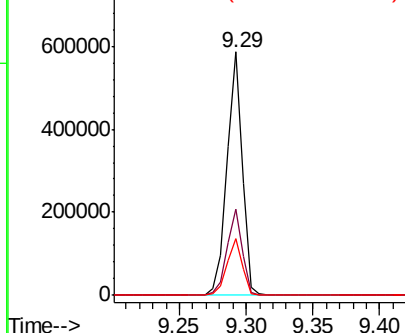
#45
2-Fluorobiphenyl
Concen: 83.443 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.2	19.7	29.5

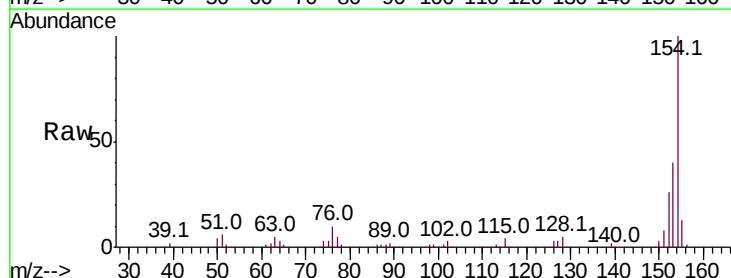


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

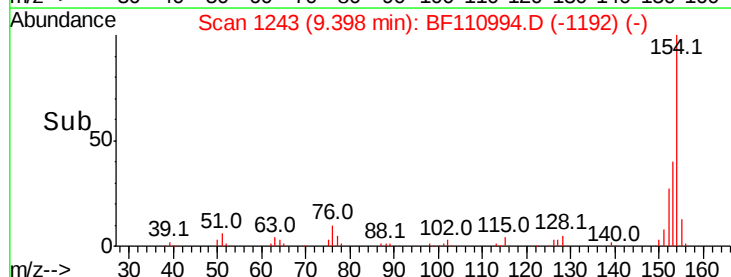
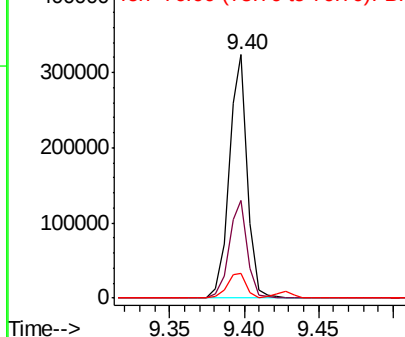


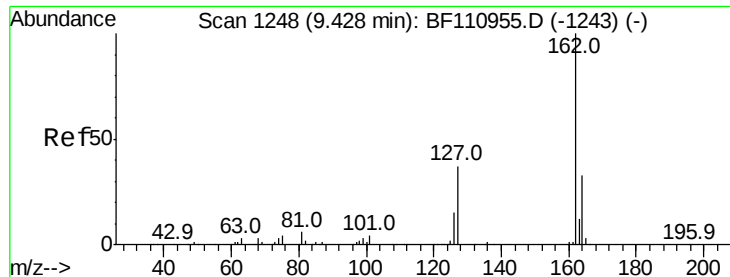
#46
1,1'-Biphenyl
Concen: 36.176 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.4	60.4
76	10.0	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

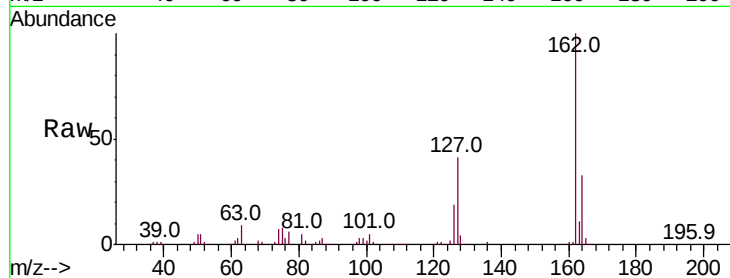




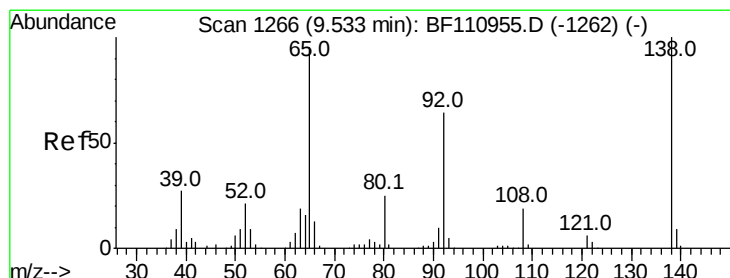
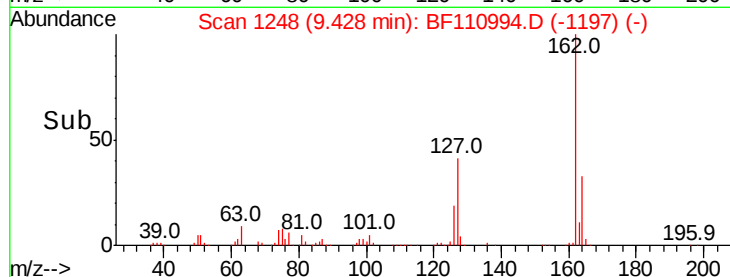
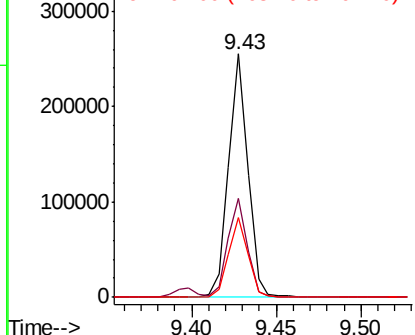
#47
 2-Chloronaphthalene
 Concen: 36.506 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:	162	Resp:	203150
Ion	Ratio	Lower	Upper
162	100		
127	40.8	32.6	48.8
164	32.6	25.9	38.9

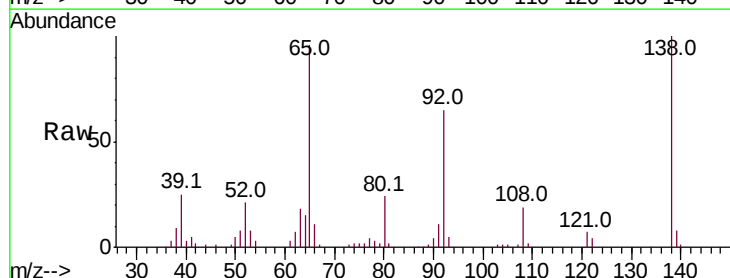


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

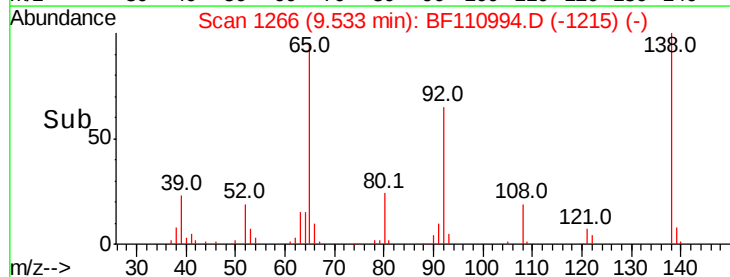
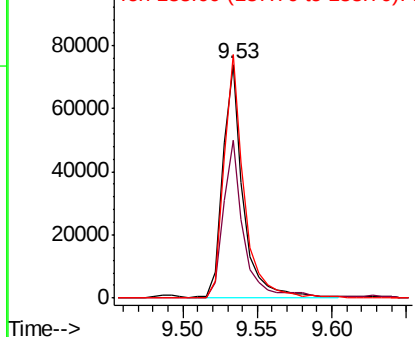


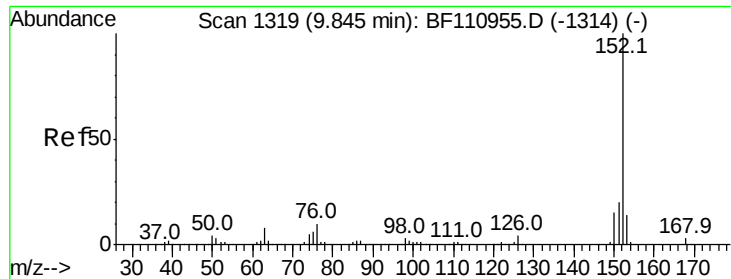
#48
 2-Nitroaniline
 Concen: 39.741 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion:	65	Resp:	69173
Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.6	81.8
138	104.2	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: 38.980 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

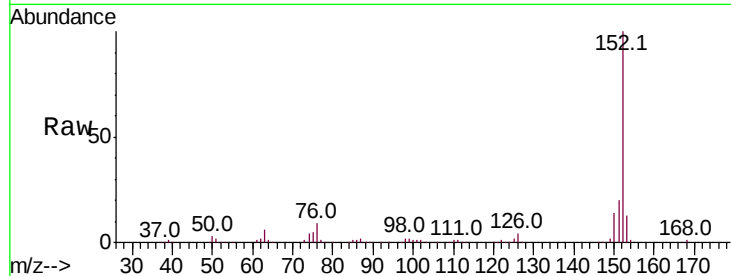
Tot Ion:152 Resp: 308452

Ion Ratio Lower Upper

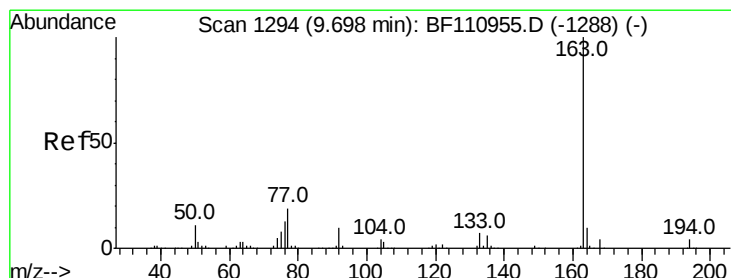
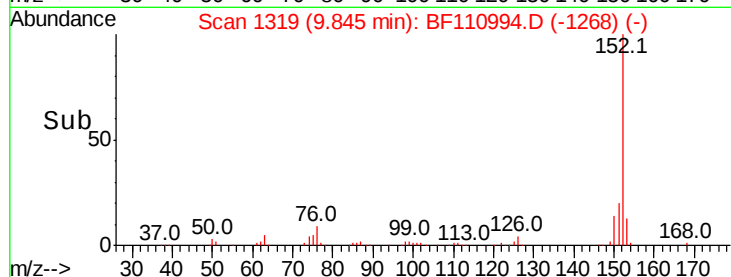
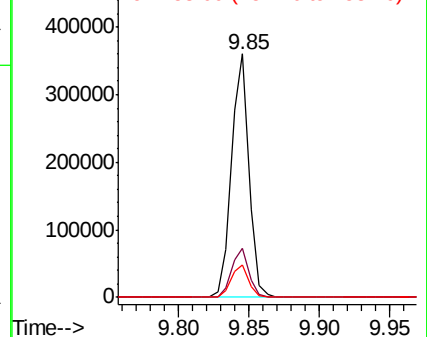
152 100

151 20.0 15.8 23.8

153 13.1 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: 40.062 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

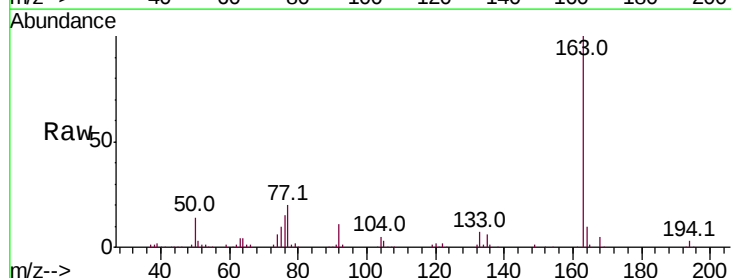
Tgt Ion:163 Resp: 244600

Ion Ratio Lower Upper

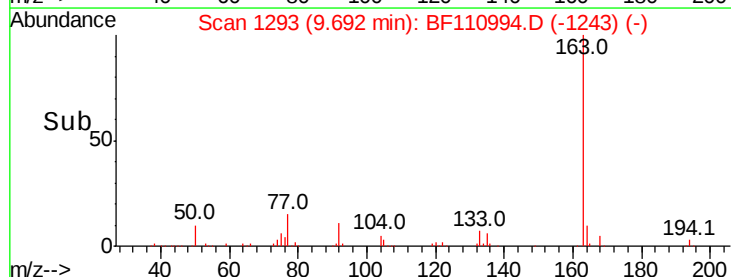
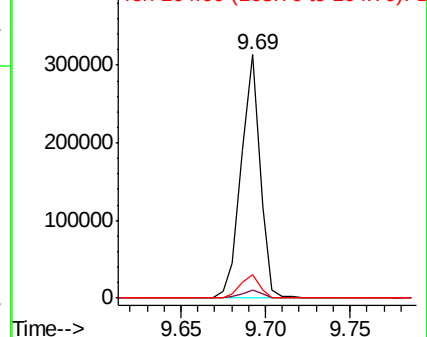
163 100

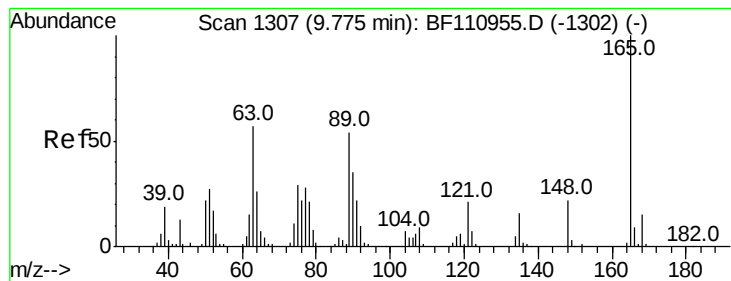
194 3.5 3.2 4.8

164 9.8 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: 30.917 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

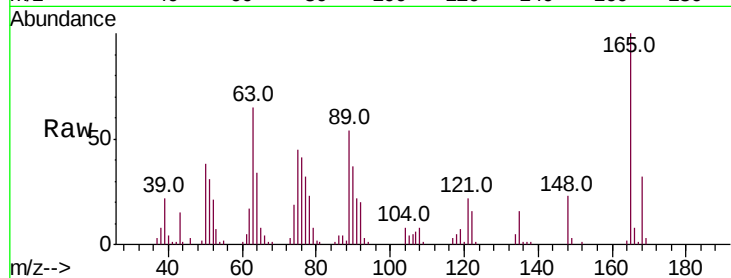
Tot Ion:165 Resp: 42023

Ion Ratio Lower Upper

165 100

63 65.4 48.9 73.3

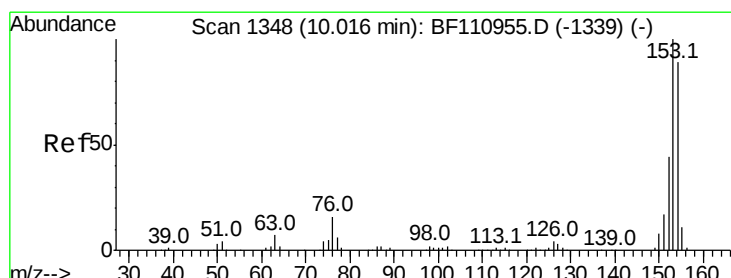
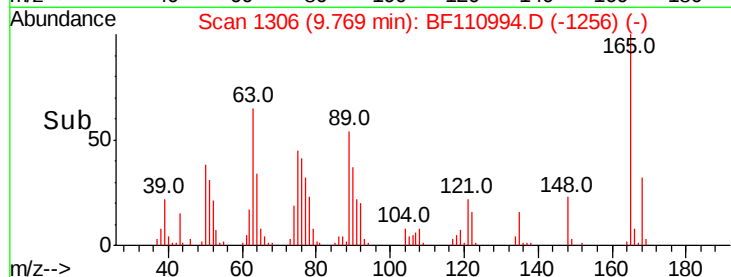
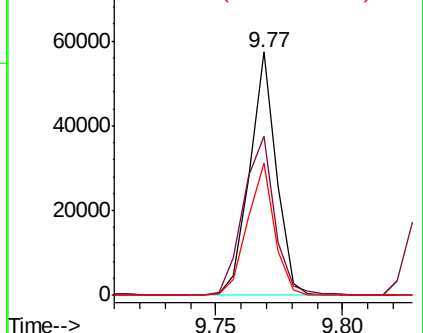
89 54.2 46.6 69.8



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: 36.434 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

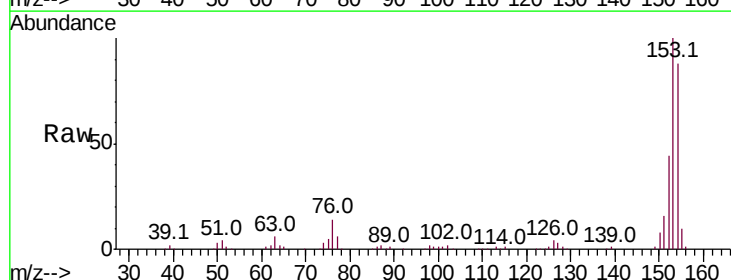
Tgt Ion:154 Resp: 184822

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

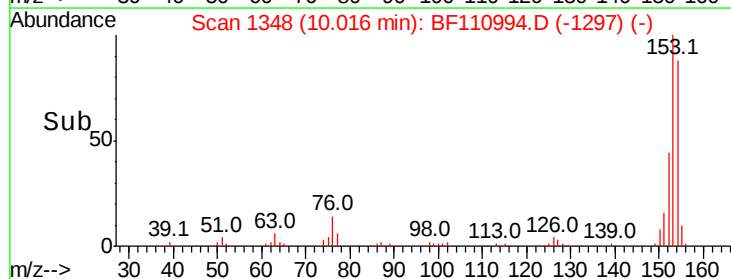
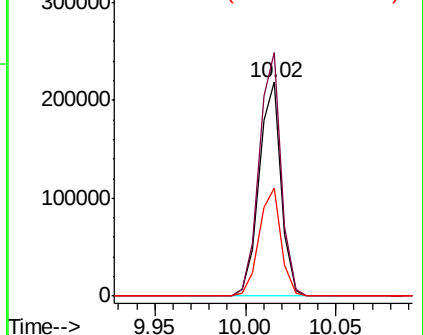
152 50.5 43.4 65.2

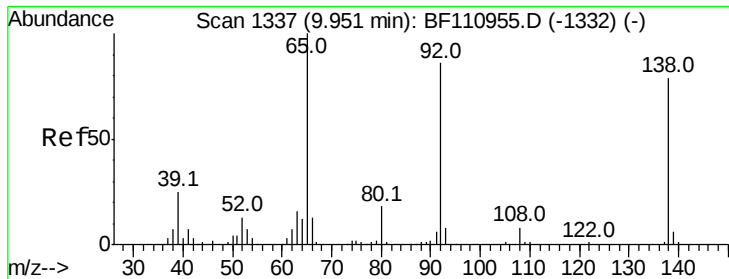


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

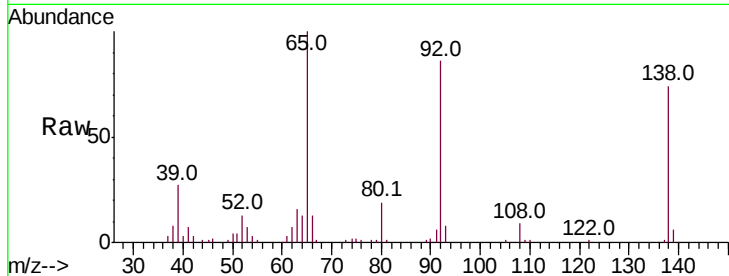




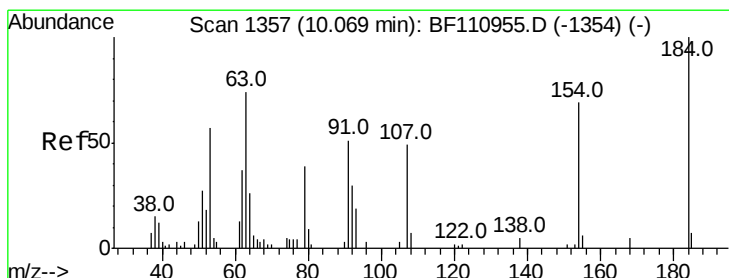
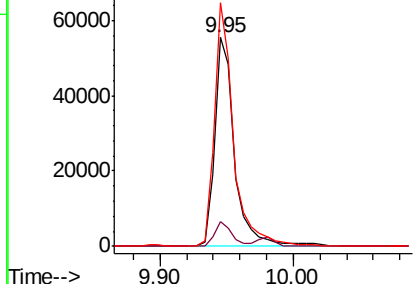
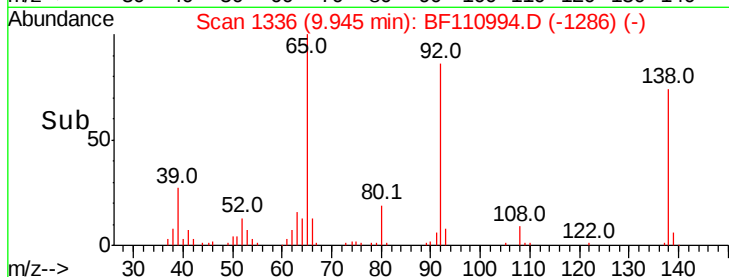
#53
 3-Nitroaniline
 Concen: 36.382 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:138 Resp: 57636
 Ion Ratio Lower Upper
 138 100
 108 11.8 8.7 13.1
 92 116.5 97.0 145.4

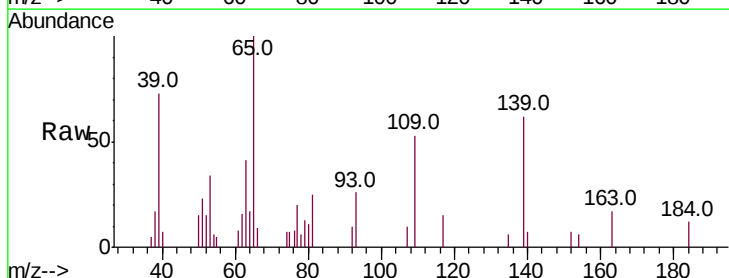


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

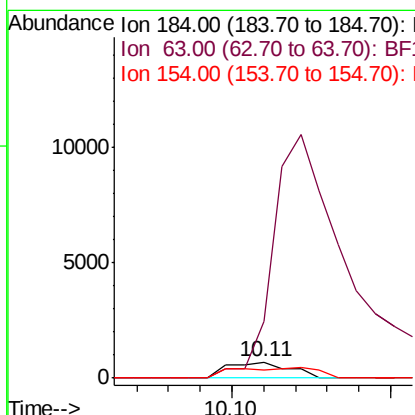
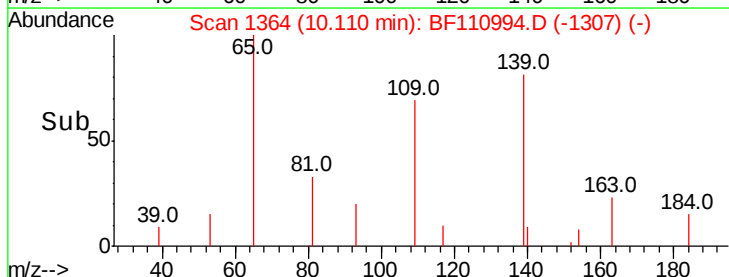


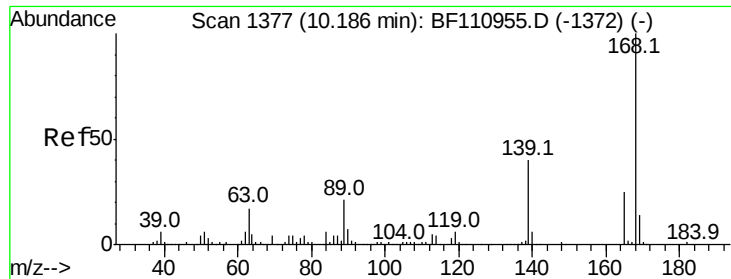
#54
 2,4-Dinitrophenol
 Concen: 5.576 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.04 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion:184 Resp: 936
 Ion Ratio Lower Upper
 184 100
 63 351.1 55.8 83.6#
 154 54.2 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: 36.073 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

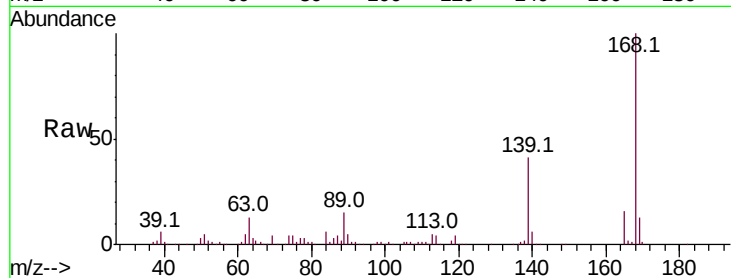
Tot Ion:168 Resp: 266964

Ion Ratio Lower Upper

168 100

139 40.7 33.0 49.6

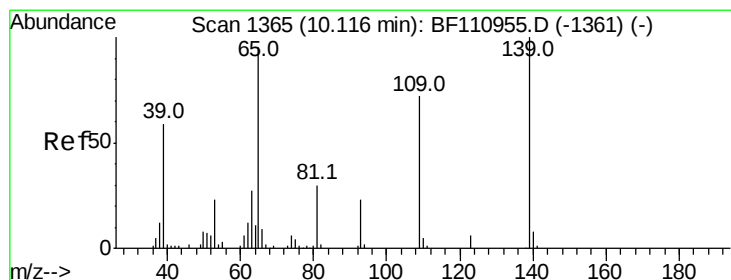
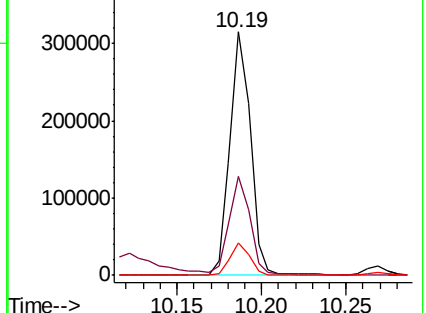
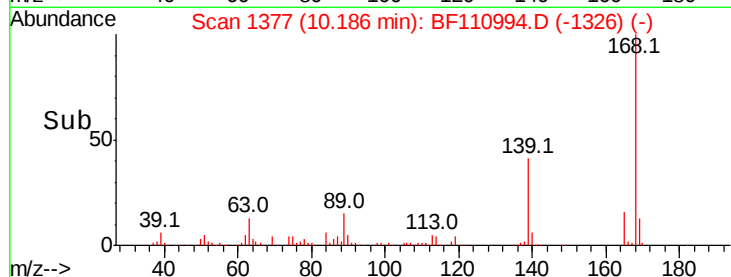
169 13.1 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 56.227 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

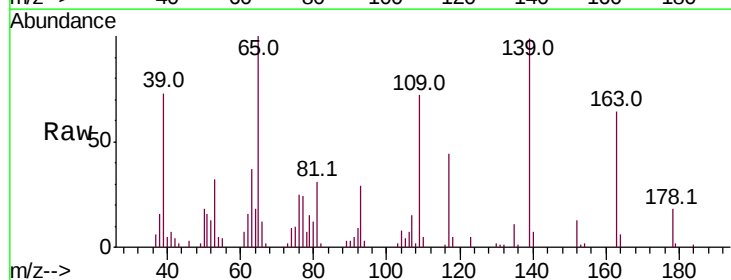
Tgt Ion:139 Resp: 48346

Ion Ratio Lower Upper

139 100

109 72.4 55.8 95.8

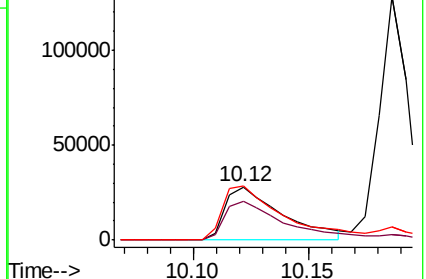
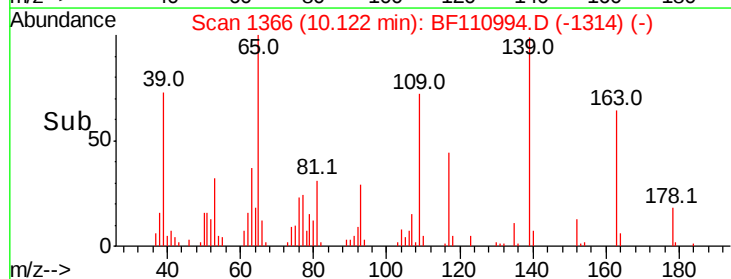
65 100.9 77.9 117.9

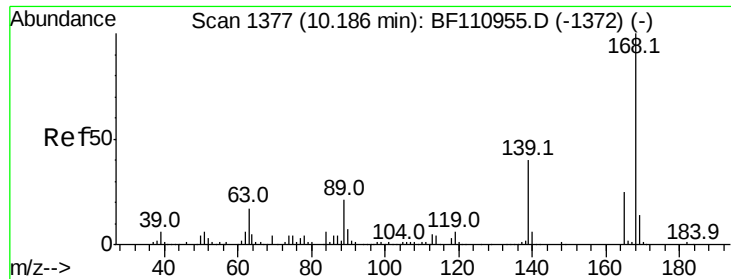


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

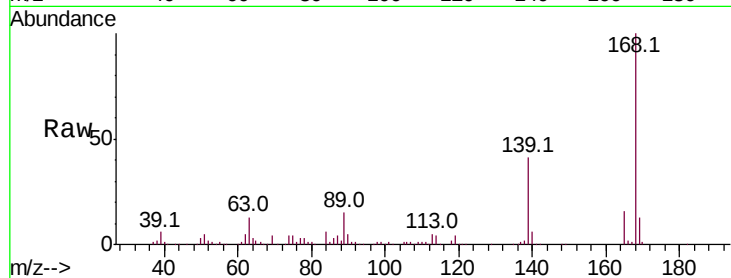




#57
2,4-Dinitrotoluene
Concen: 26.472 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	78.8	44.8	67.2#
89	93.1	62.2	93.4
182	2.5	2.1	3.1



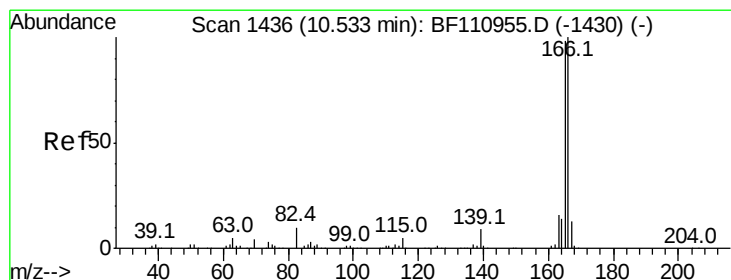
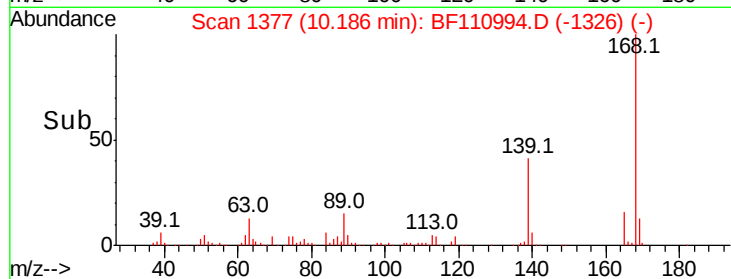
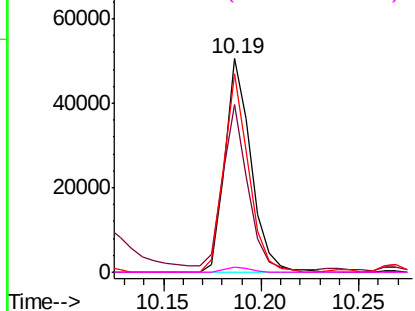
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

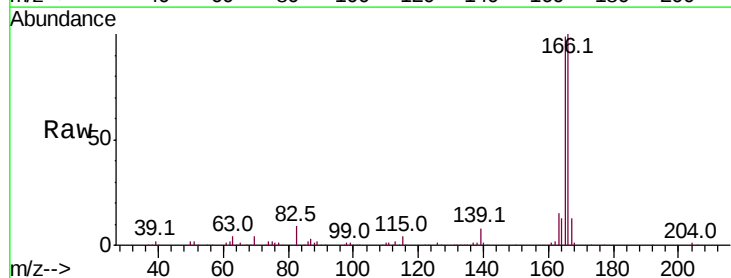
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 36.229 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	117.8
167	13.3	10.8	16.2

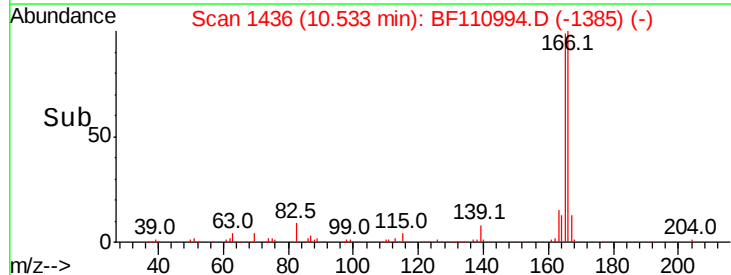
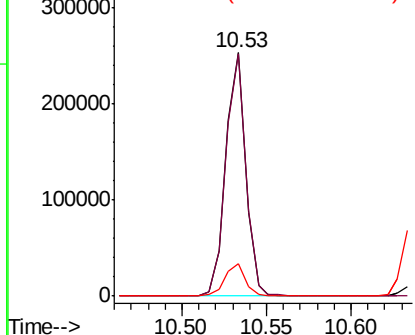


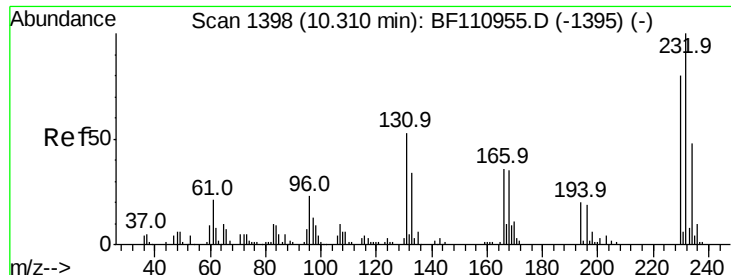
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

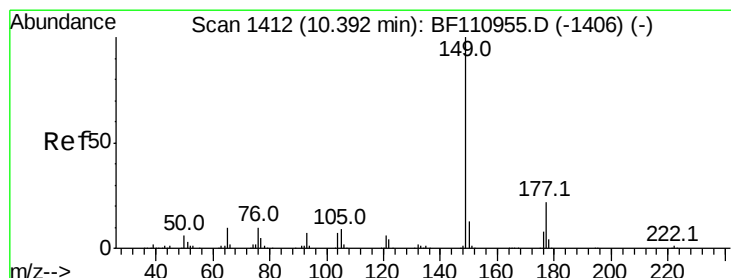
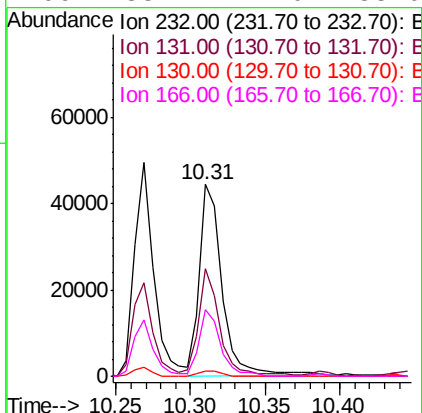
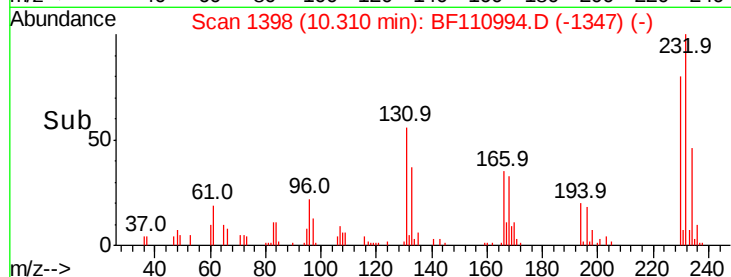
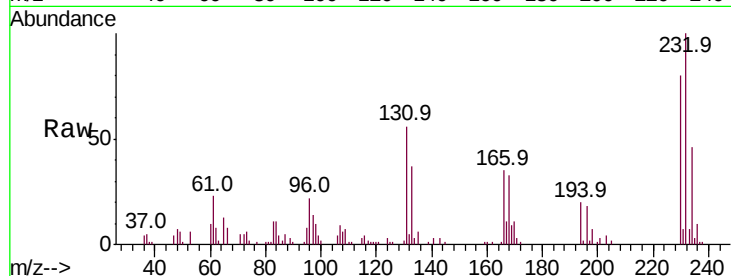




#59
2,3,4,6-Tetrachlorophenol
Concen: 33.934 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

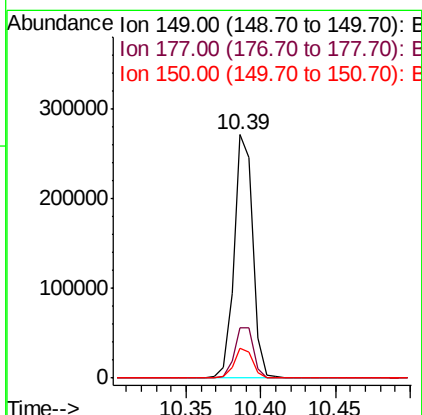
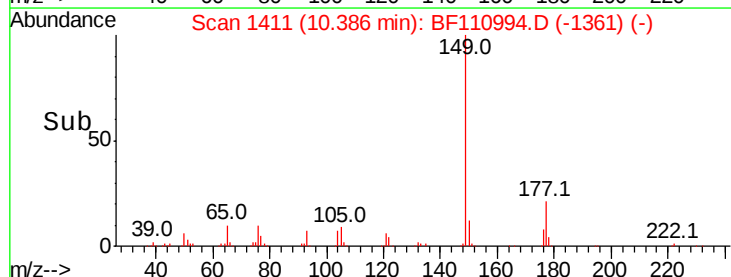
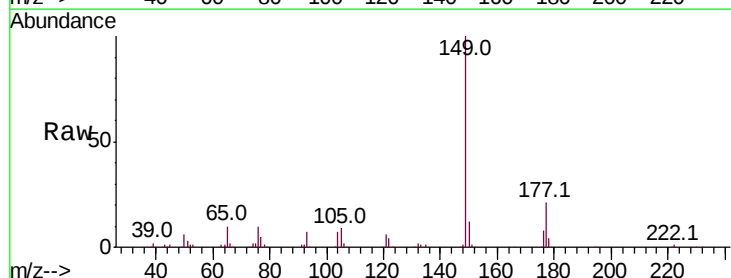
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

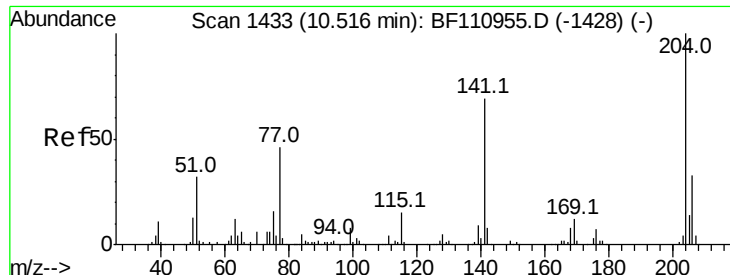
Tot Ion:232 Resp: 45864
Ion Ratio Lower Upper
232 100
131 53.9 37.0 55.4
130 2.4 1.8 2.6
166 33.7 22.0 33.0#



#60
Diethylphthalate
Concen: 38.091 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:149 Resp: 239827
Ion Ratio Lower Upper
149 100
177 20.8 17.4 26.2
150 12.4 9.8 14.8

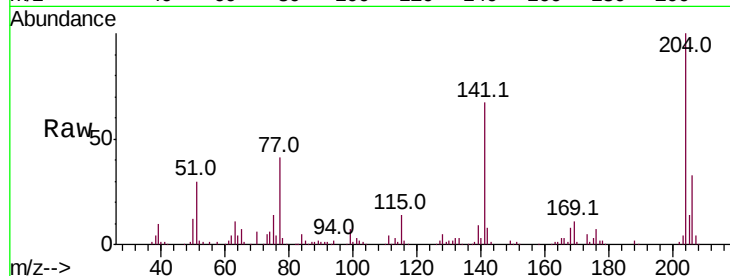




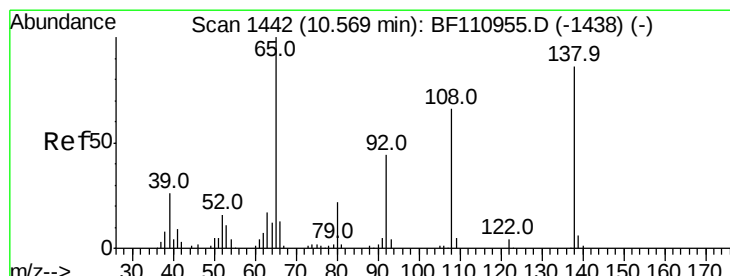
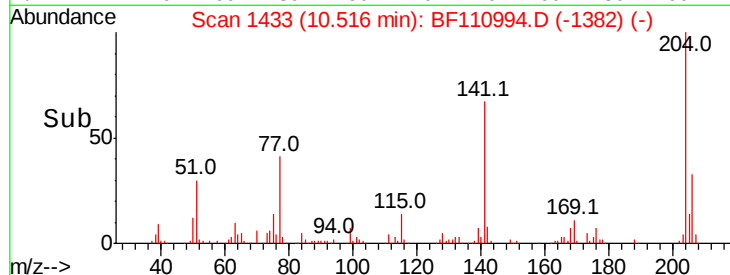
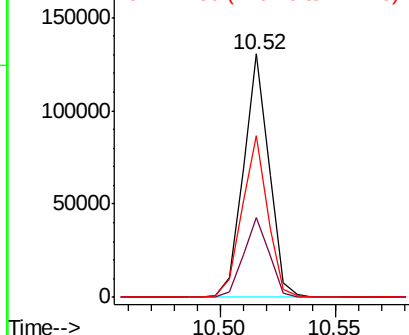
#61
4-Chlorophenyl-phenylether
Concen: 33.507 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:204 Resp: 100912
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 66.7 51.8 77.8

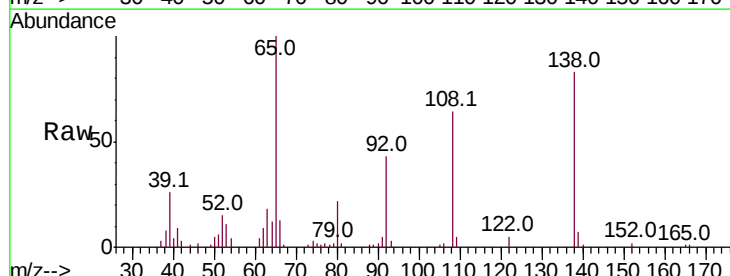


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

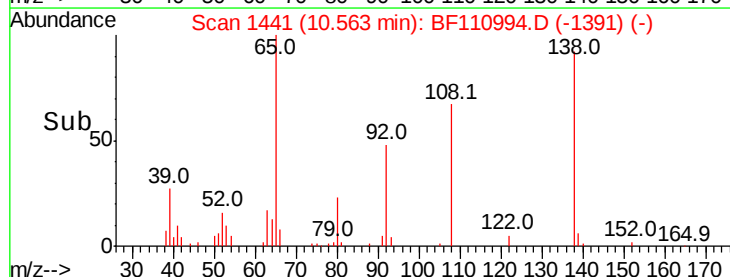
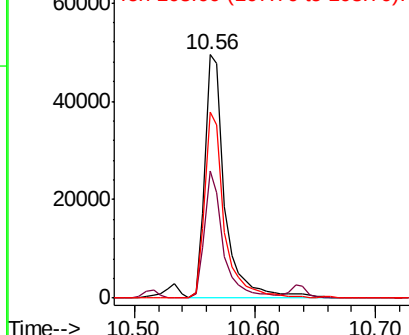


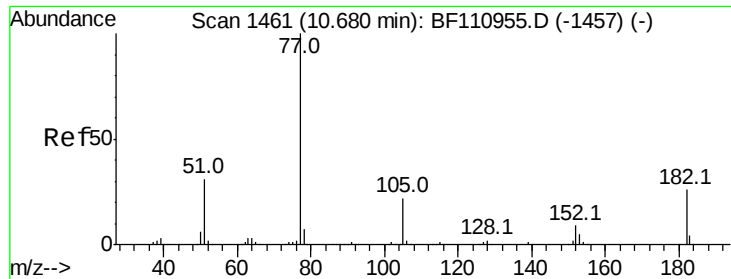
#62
4-Nitroaniline
Concen: 38.975 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:138 Resp: 57488
Ion Ratio Lower Upper
138 100
92 52.0 31.7 71.7
108 76.5 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

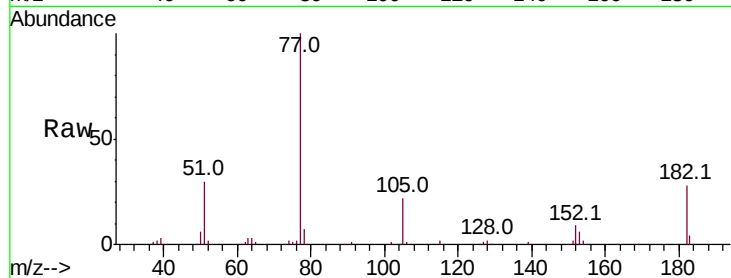




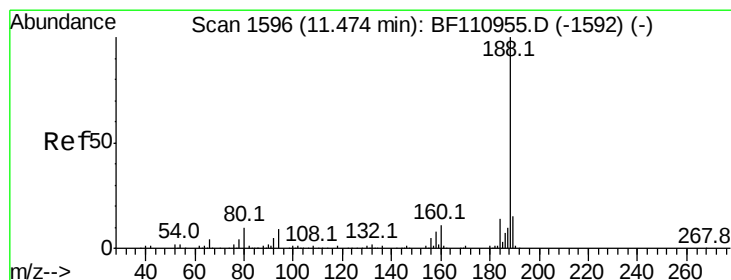
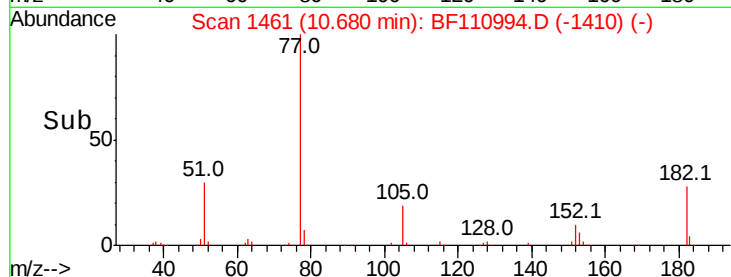
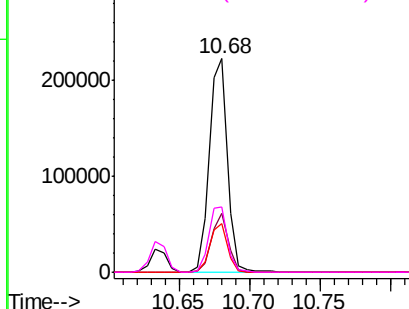
#63
Azobenzene
Concen: 32.155 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion: 77 Resp: 197329
Ion Ratio Lower Upper
77 100
182 27.7 4.3 44.3
105 22.5 1.3 41.3
51 30.4 9.0 49.0

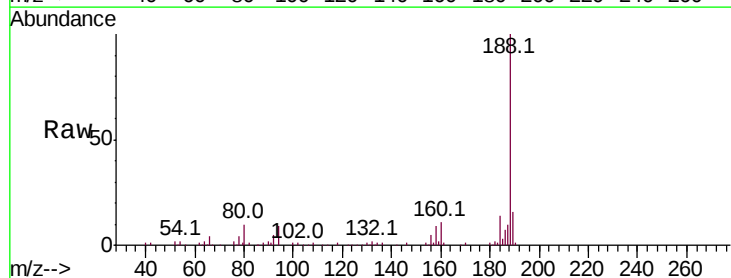


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

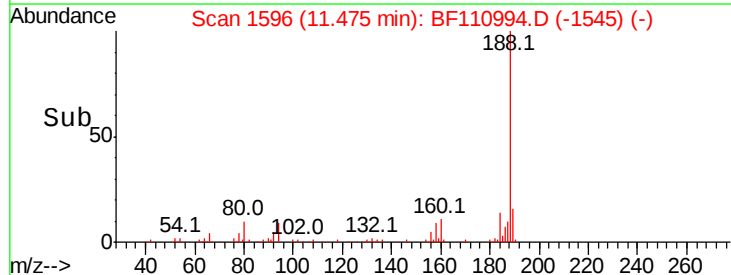
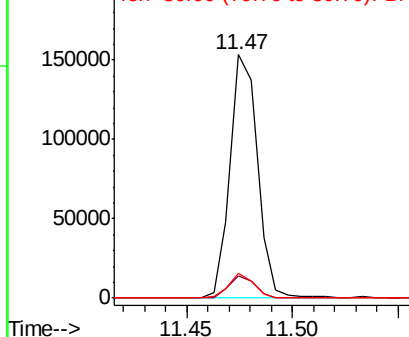


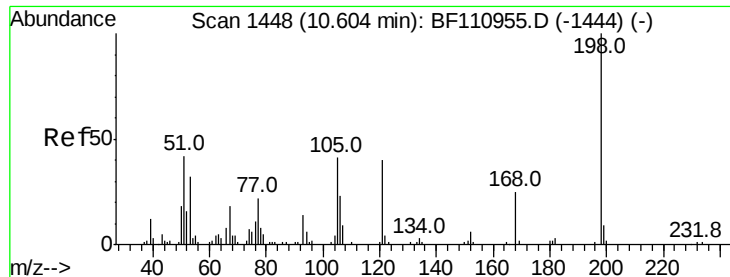
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion: 188 Resp: 138053
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 10.1 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

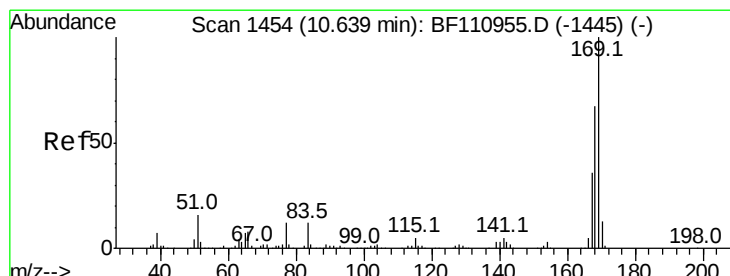
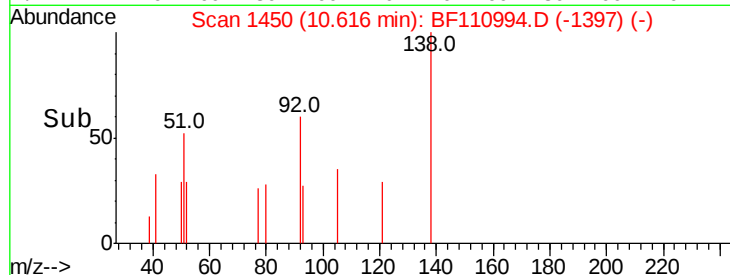
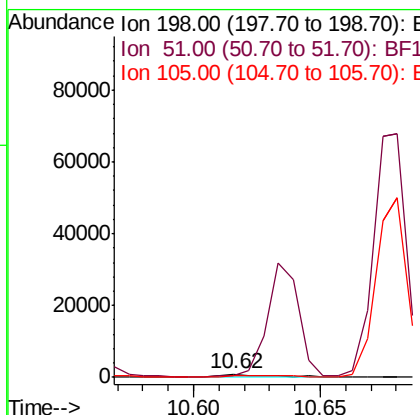
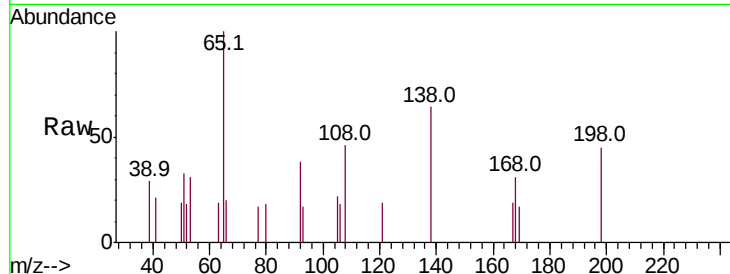




#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.686 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

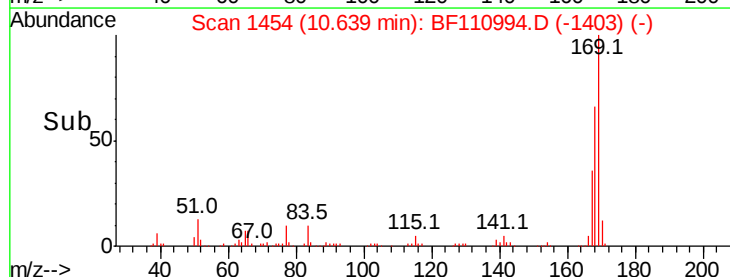
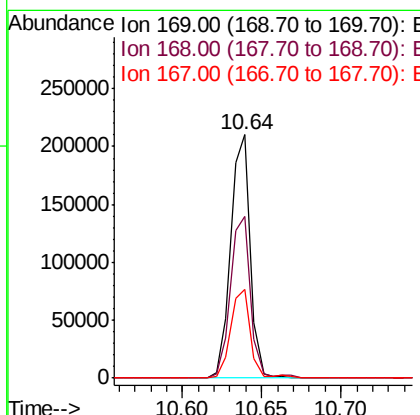
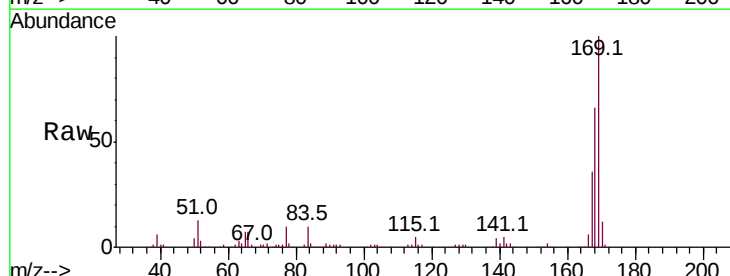
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

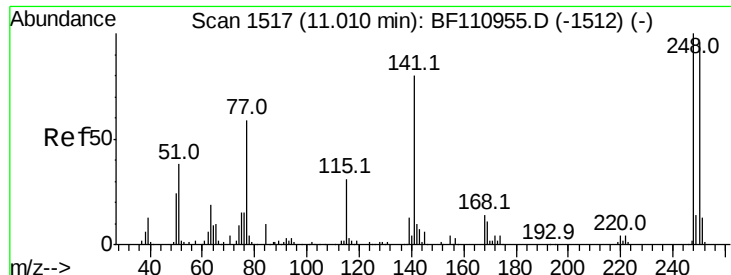
Tot Ion:198 Resp: 1101
 Ion Ratio Lower Upper
 198 100
 51 72.9 22.8 62.8#
 105 48.9 23.6 63.6



#66
 n-Nitrosodiphenylamine
 Concen: 39.116 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

Tgt Ion:169 Resp: 179768
 Ion Ratio Lower Upper
 169 100
 168 66.2 51.2 76.8
 167 36.3 27.8 41.6



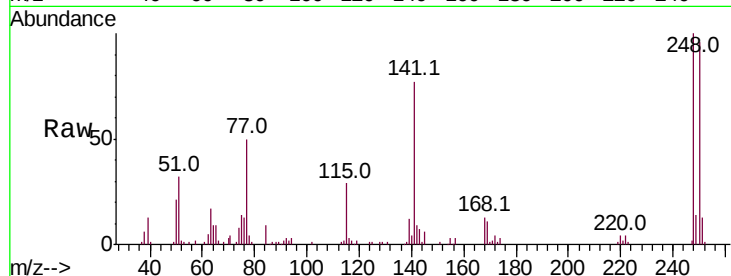


#67
 4-Bromophenyl-phenylether
 Concen: 37.464 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

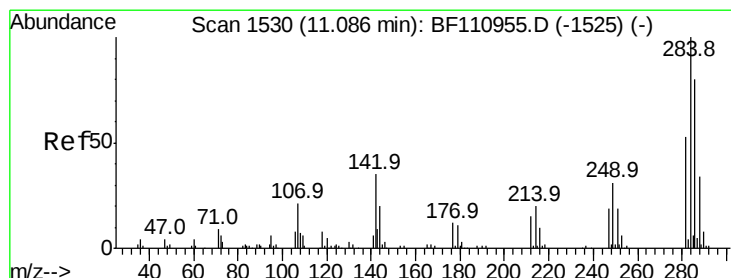
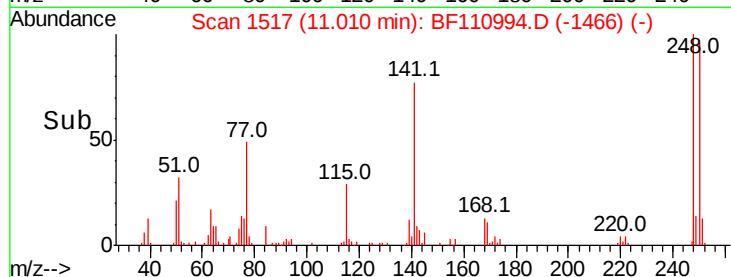
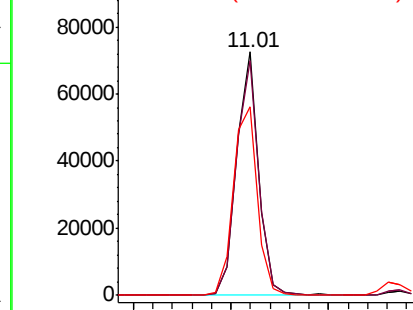
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:248 Resp: 56327

Ion	Ratio	Lower	Upper
248	100		
250	96.2	79.4	119.2
141	77.3	55.9	83.9



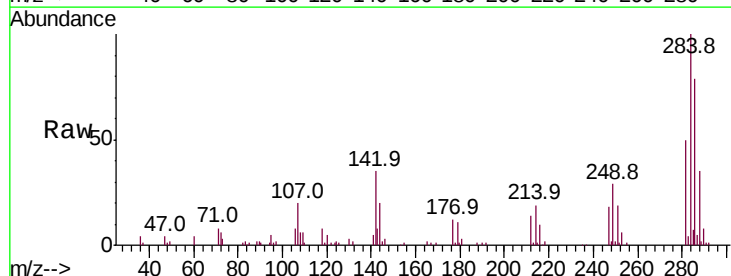
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



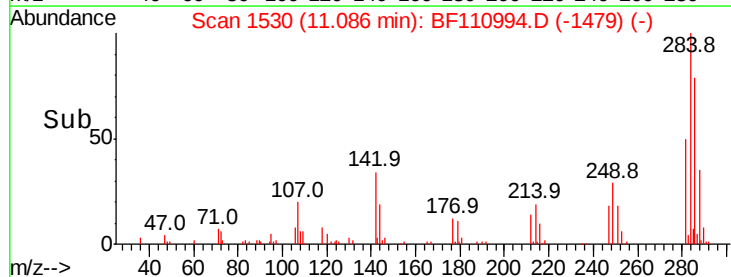
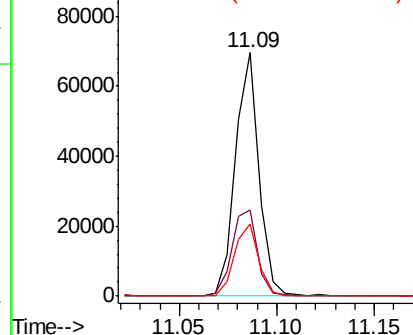
#68
 Hexachlorobenzene
 Concen: 36.255 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

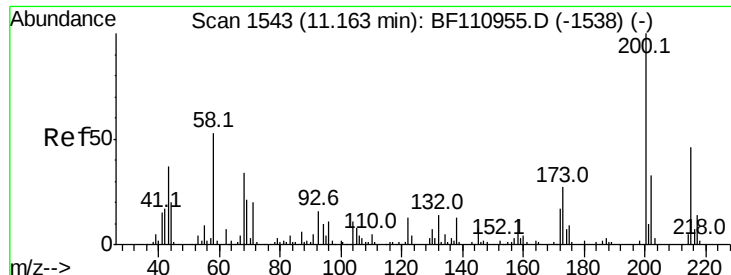
Tgt Ion:284 Resp: 58060

Ion	Ratio	Lower	Upper
284	100		
142	35.4	23.9	35.9
249	29.4	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

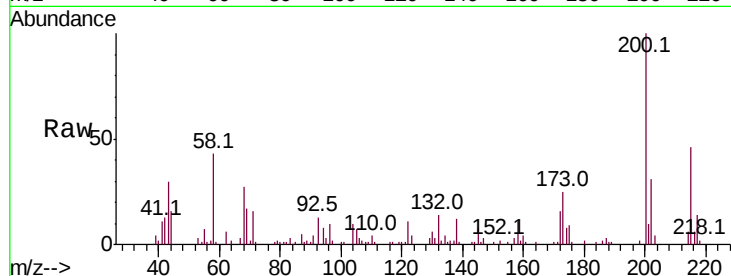




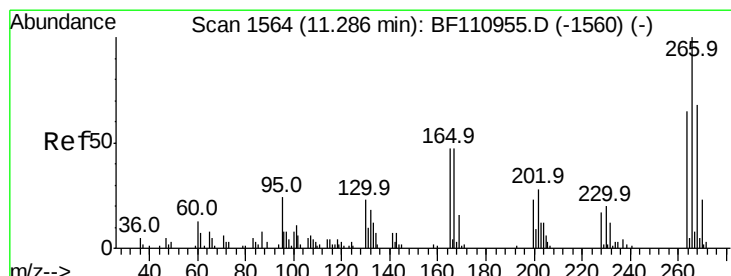
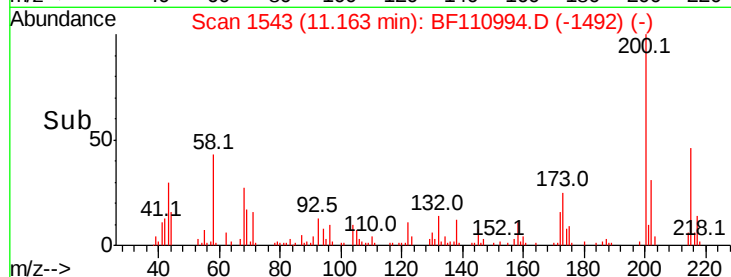
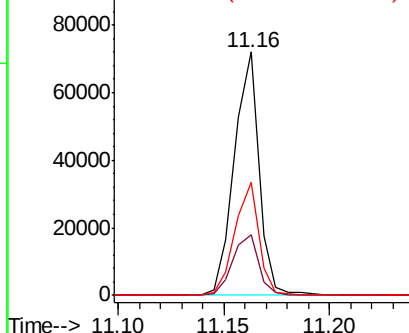
#69
Atrazine
Concen: 53.283 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:200 Resp: 58084
Ion Ratio Lower Upper
200 100
173 24.8 6.6 46.6
215 46.4 26.3 66.3

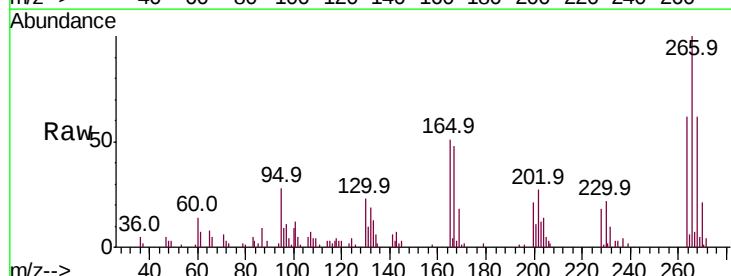


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

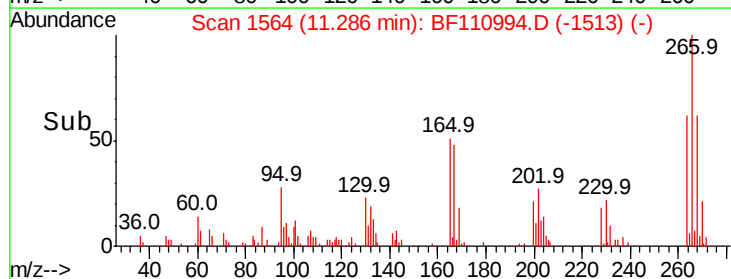
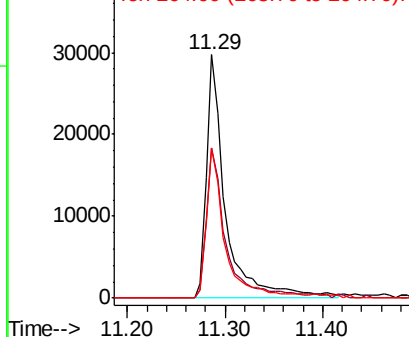


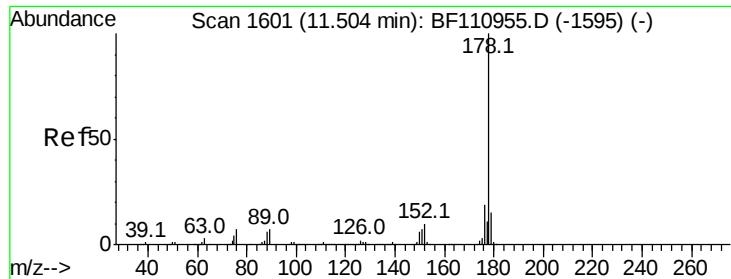
#70
Pentachlorophenol
Concen: 63.363 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:266 Resp: 40371
Ion Ratio Lower Upper
266 100
268 61.8 50.6 75.8
264 61.5 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

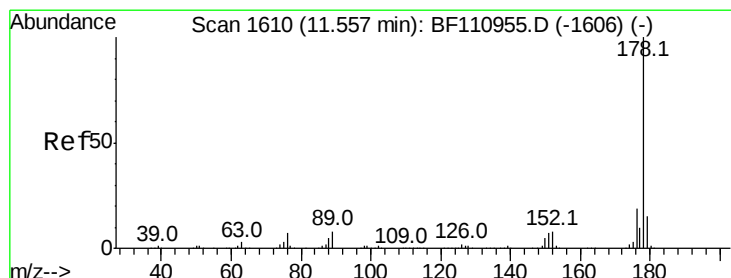
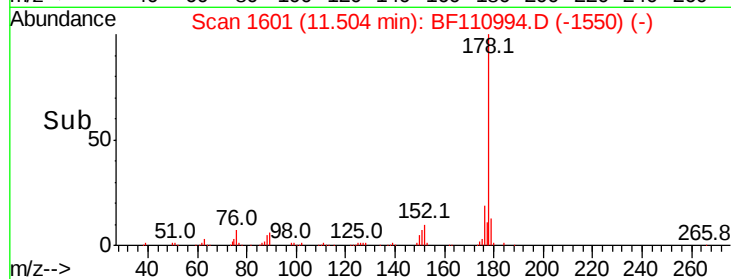
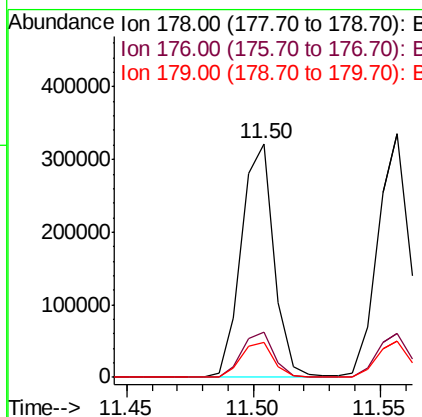
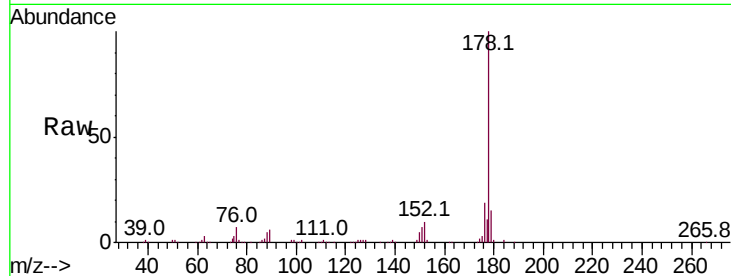




#71
Phenanthrene
Concen: 39.455 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

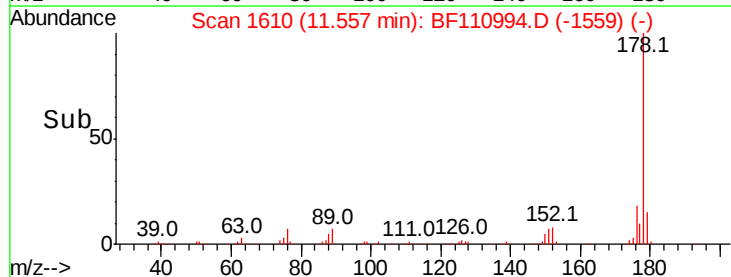
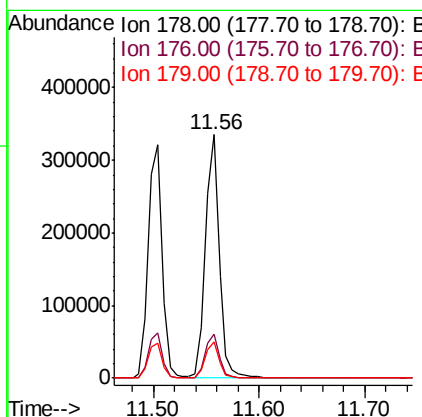
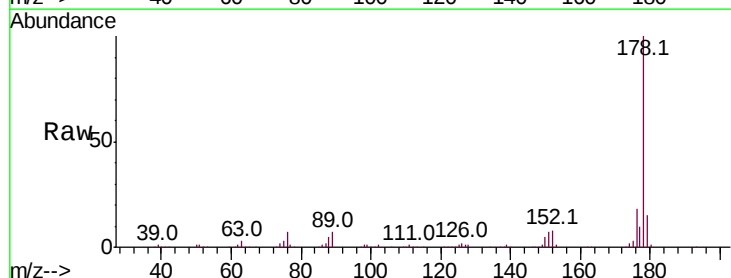
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

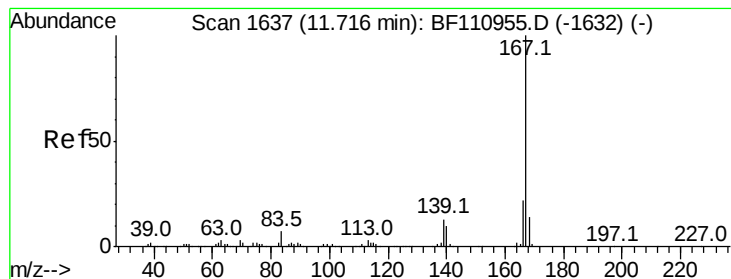
Tot Ion:178 Resp: 288479
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.1 12.5 18.7



#72
Anthracene
Concen: 40.971 ng
RT: 11.56 min Scan# 1610
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:178 Resp: 305077
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.2
179 14.9 12.6 18.8





#73

Carbazole

Concen: 35.808 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

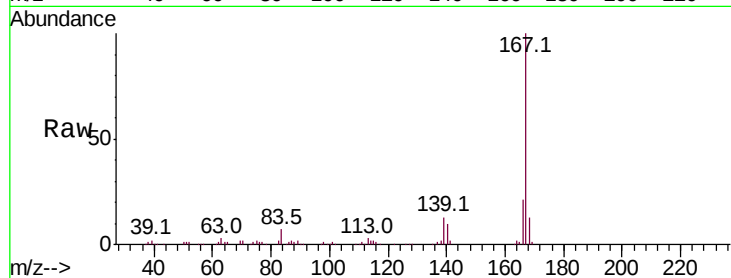
Tot Ion:167 Resp: 258801

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

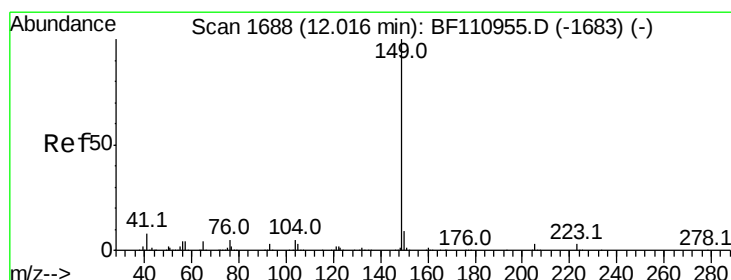
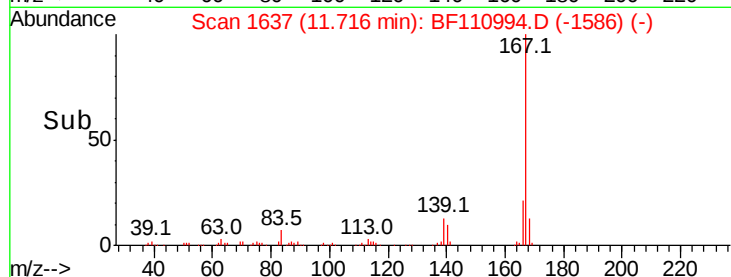
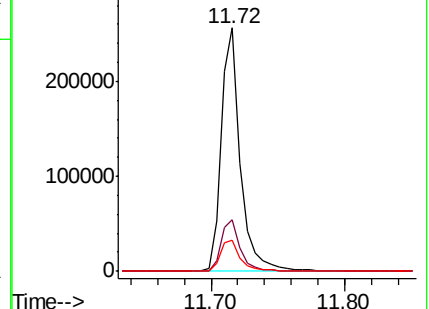
139 13.0 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.430 ng

RT: 12.02 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

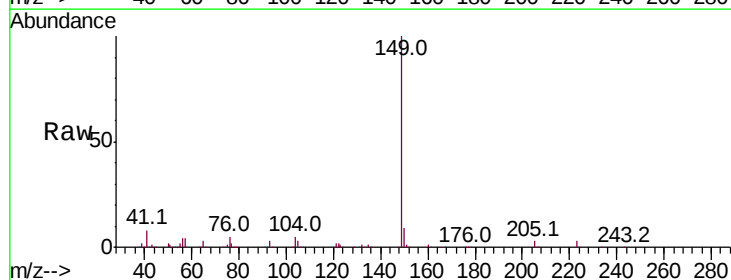
Tgt Ion:149 Resp: 341643

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

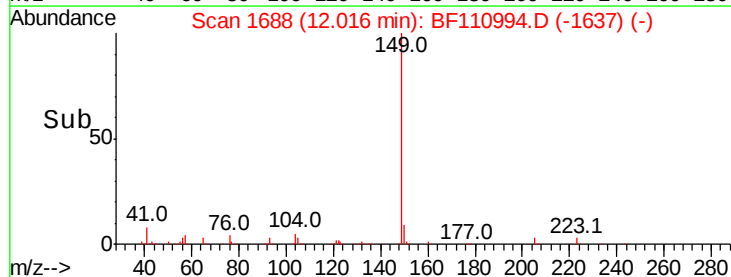
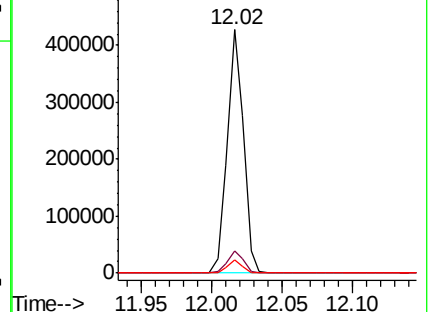
104 5.3 4.2 6.4

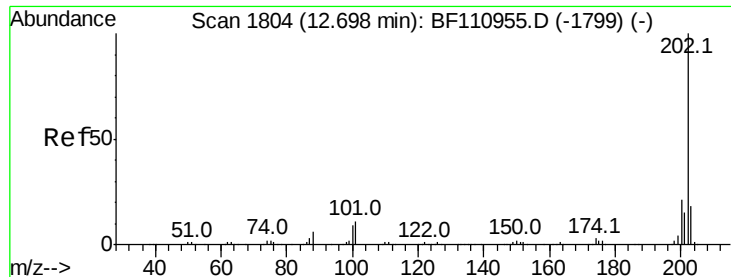


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.416 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

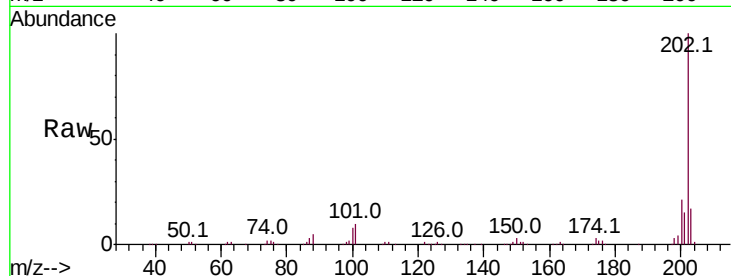
Tot Ion:202 Resp: 288693

Ion Ratio Lower Upper

202 100

101 10.3 0.0 31.4

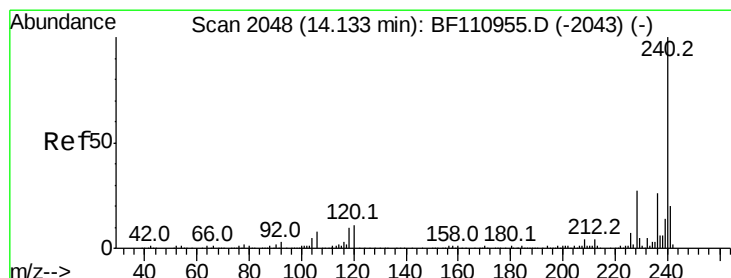
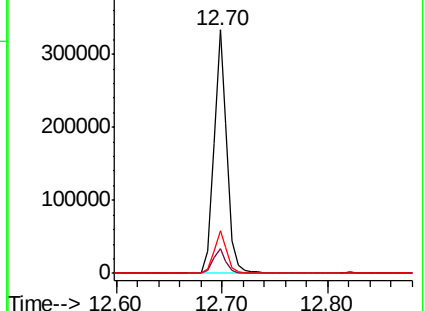
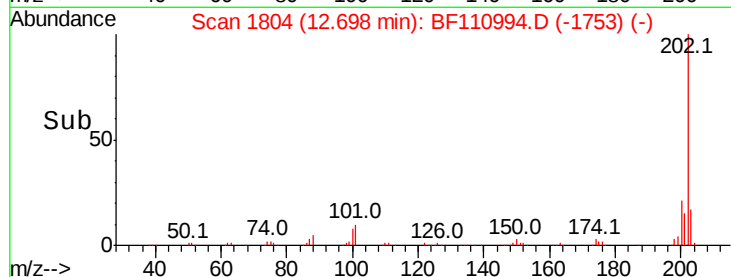
203 17.4 0.0 37.7



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# 2048

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

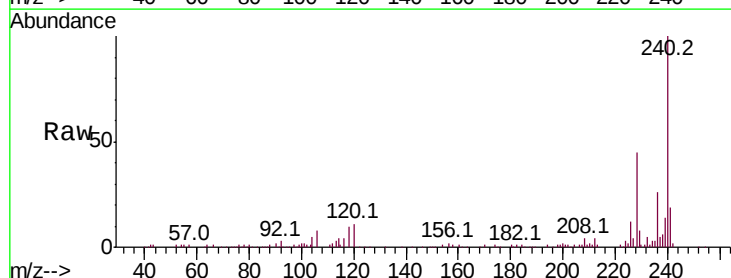
Tgt Ion:240 Resp: 85904

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

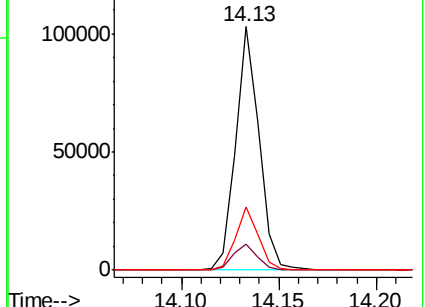
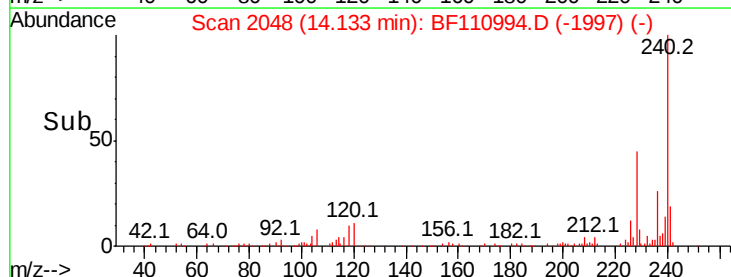
236 25.7 21.2 31.8

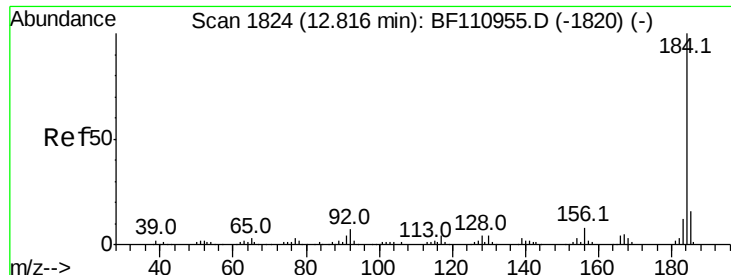


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 106.066 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

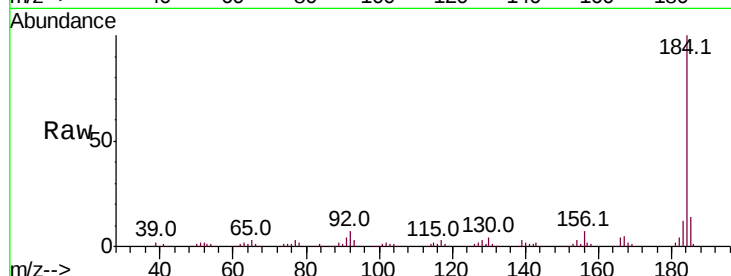
Tot Ion:184 Resp: 233055

Ion Ratio Lower Upper

184 100

185 14.3 13.4 20.2

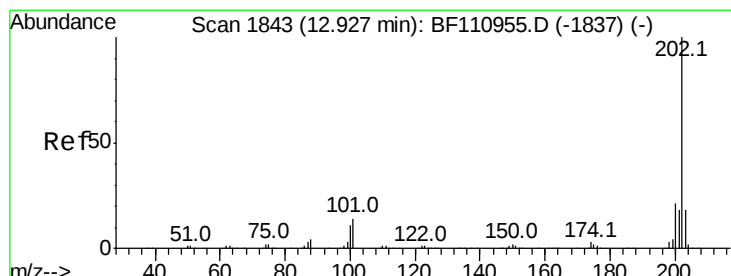
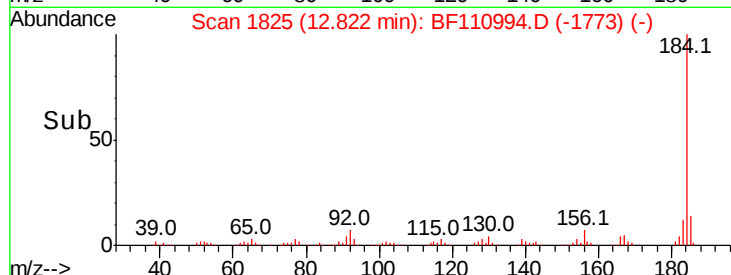
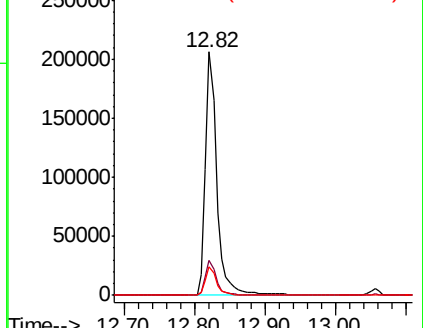
183 11.5 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.562 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

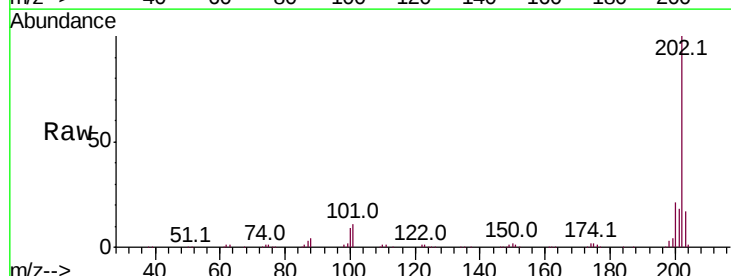
Tgt Ion:202 Resp: 279590

Ion Ratio Lower Upper

202 100

200 21.5 17.8 26.6

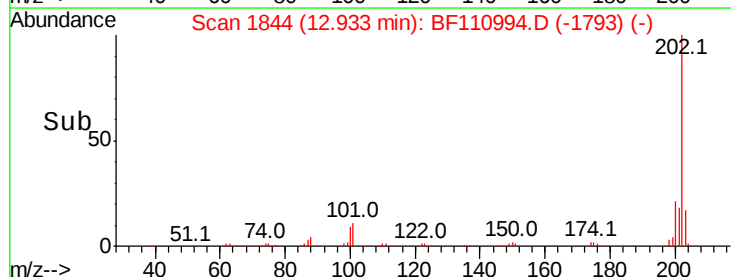
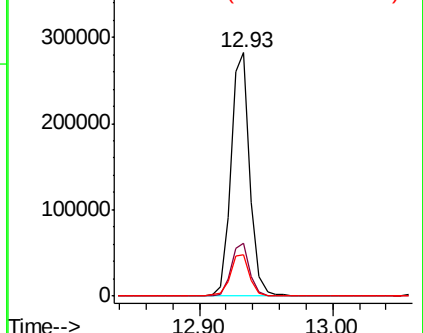
203 16.9 14.2 21.4

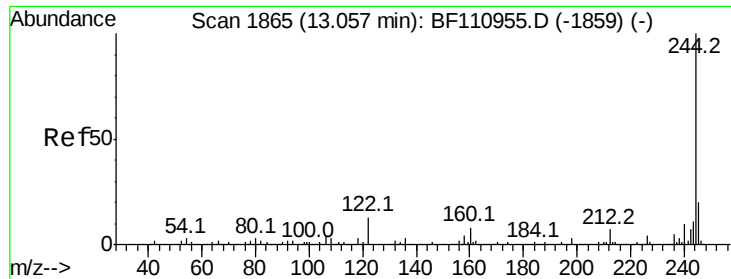


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



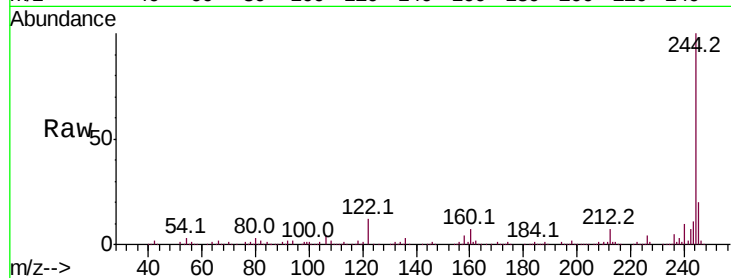


#79
 Terphenyl-d14
 Concen: 84.703 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

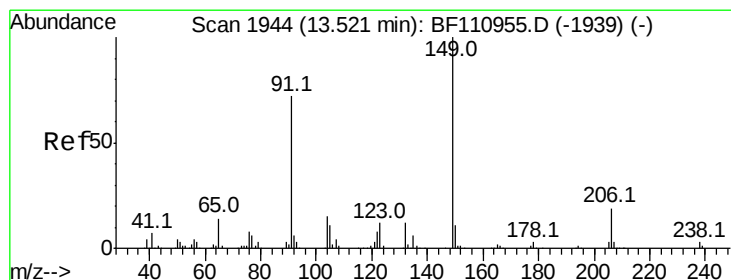
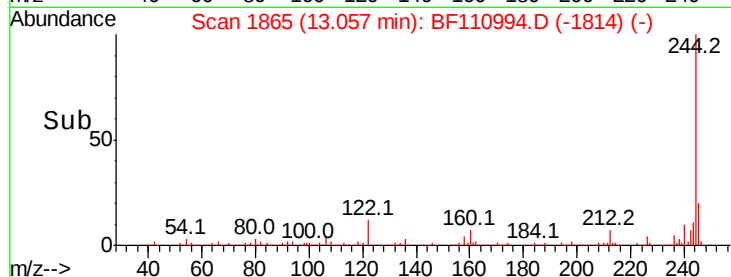
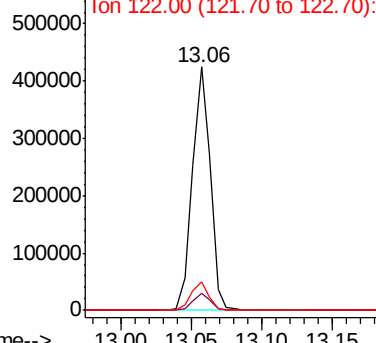
Instrument :
 BNA_F
 ClientSampleId :
 PB115071BSD

Tot Ion:244 Resp: 373790

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.9	8.7	13.1



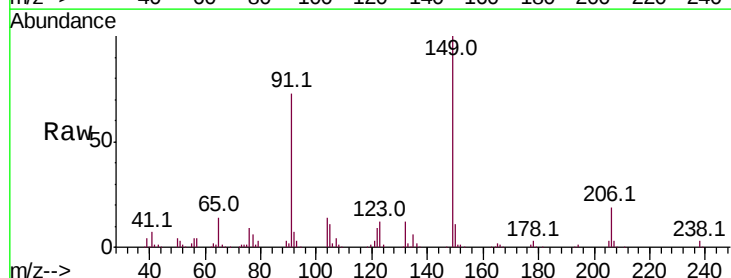
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



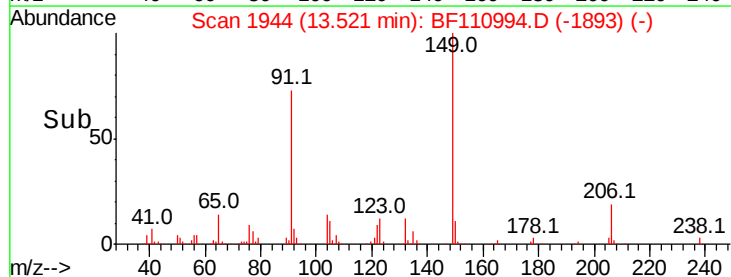
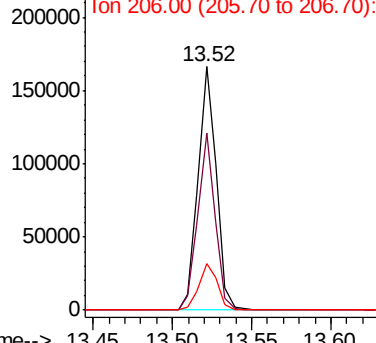
#80
 Butylbenzylphthalate
 Concen: 46.821 ng
 RT: 13.52 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: BF110994.D
 Acq: 27 Nov 2018 6:10

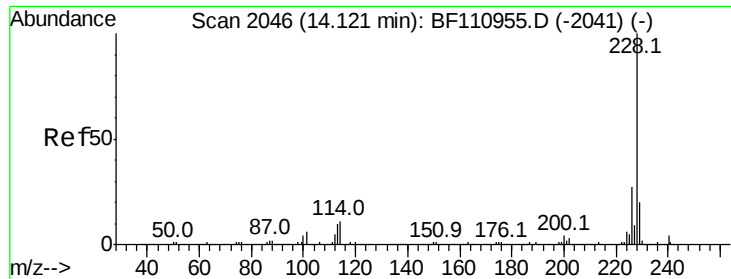
Tgt Ion:149 Resp: 132629

Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.2	85.8
206	19.2	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

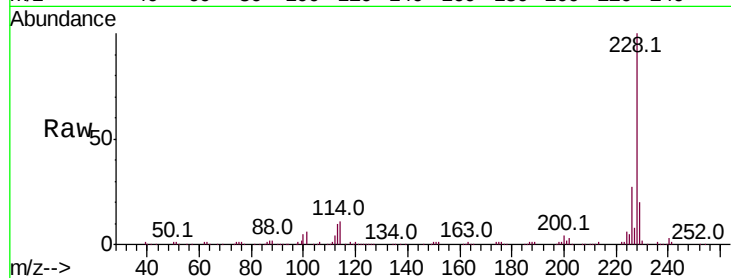




#81
Benzo(a)anthracene
Concen: 39.533 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.1	33.1
229	19.9	15.6	23.4

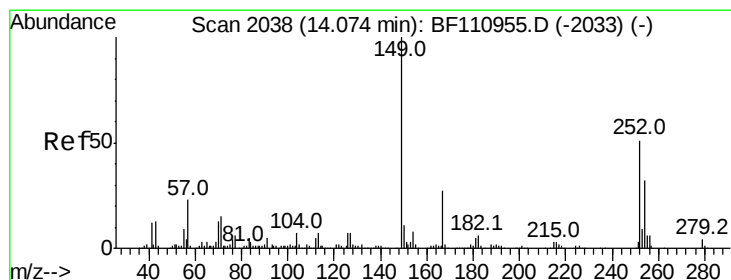
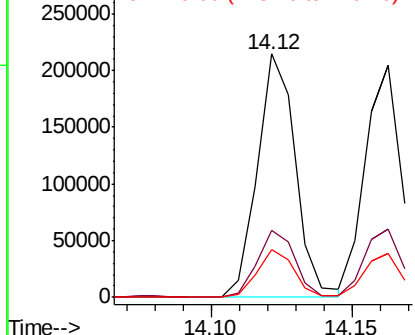
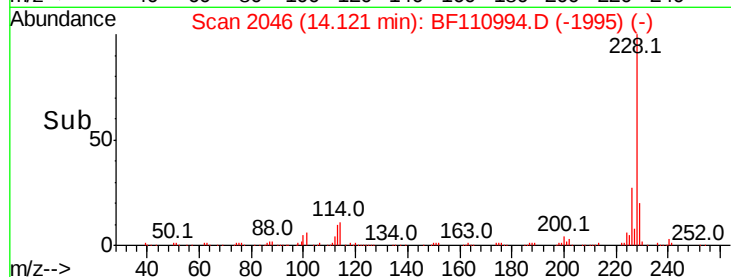


Abundance

Ion 228.00 (227.70 to 228.70): E

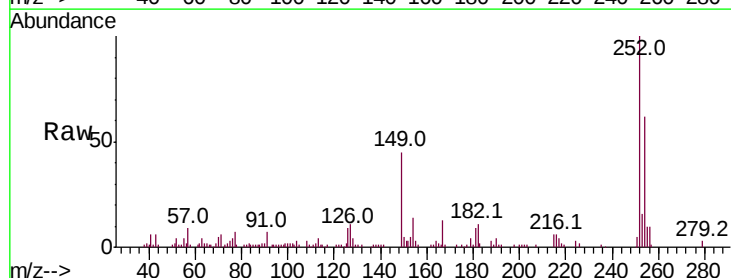
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 41.988 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	51.3	76.9
126	9.4	9.4	14.2#

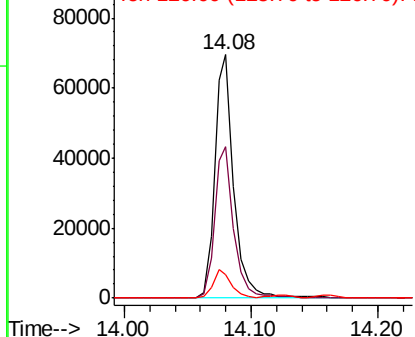
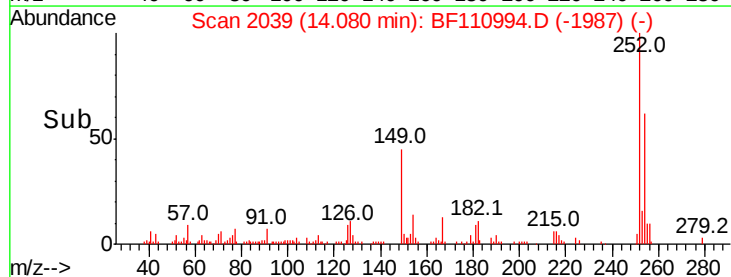


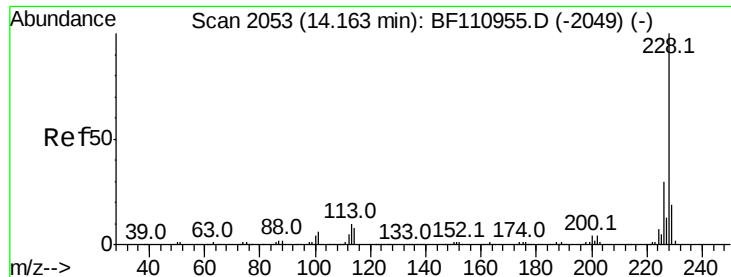
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.586 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

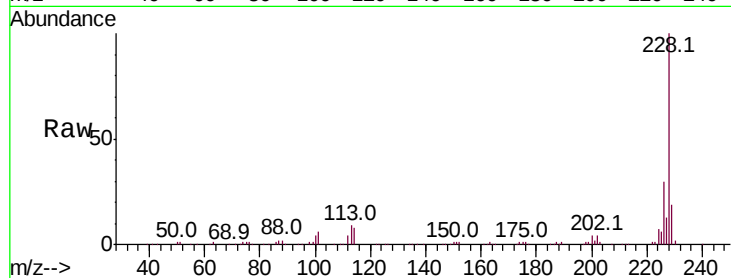
Tot Ion:228 Resp: 187655

Ion Ratio Lower Upper

228 100

226 29.5 24.7 37.1

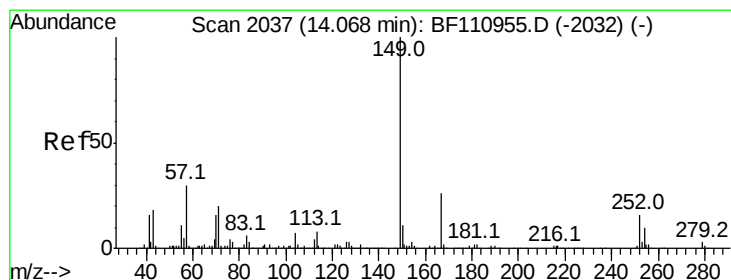
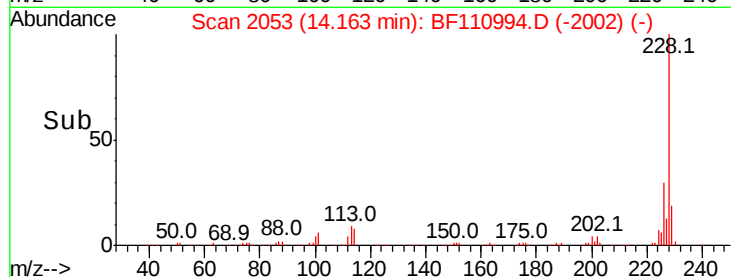
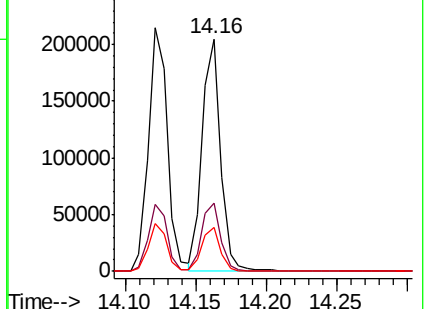
229 19.0 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.705 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

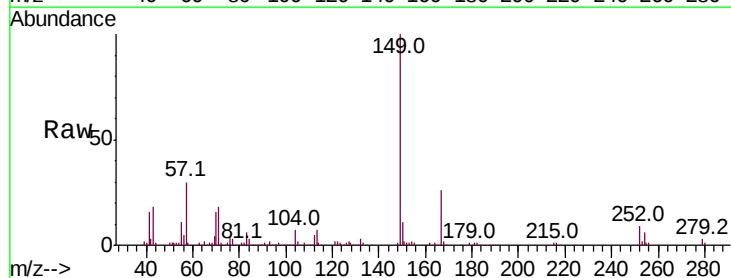
Tgt Ion:149 Resp: 172512

Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

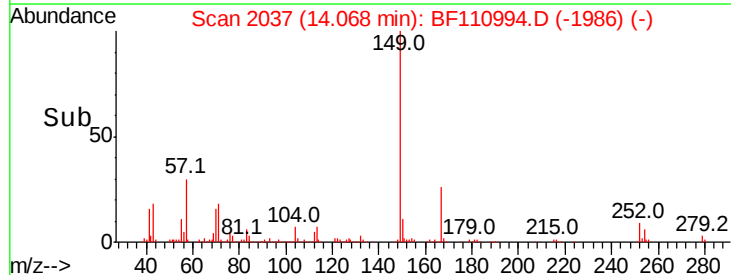
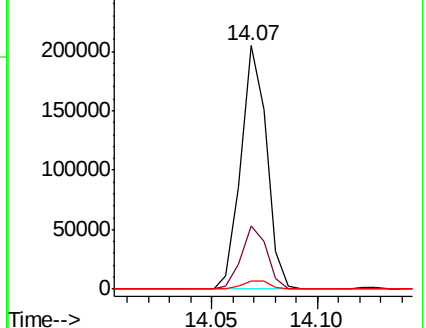
279 3.3 2.7 4.1

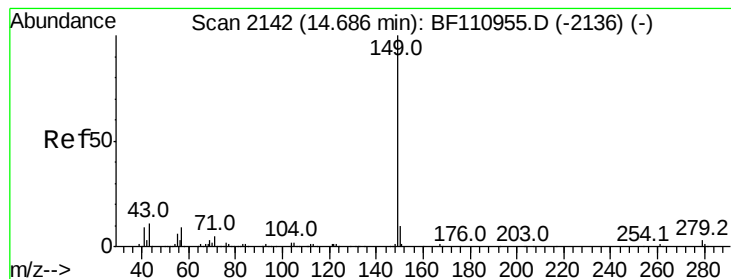


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.978 ng

RT: 14.69 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

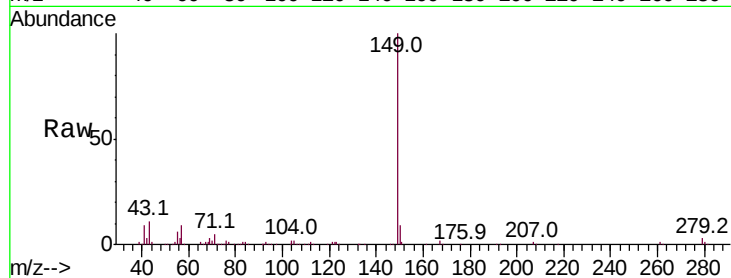
Tot Ion:149 Resp: 262025

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

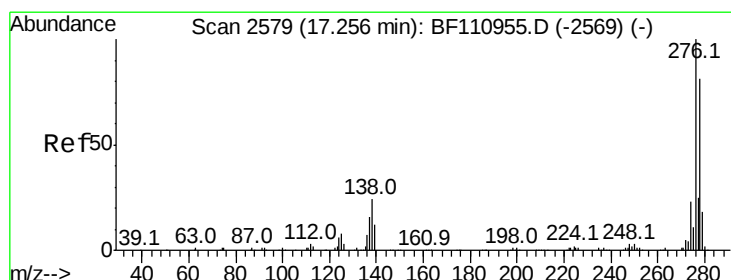
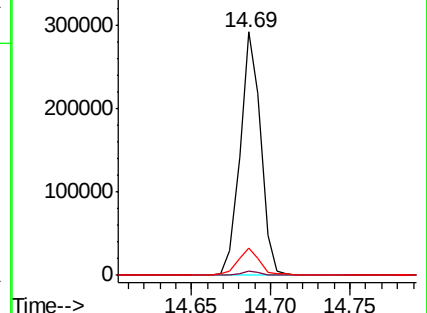
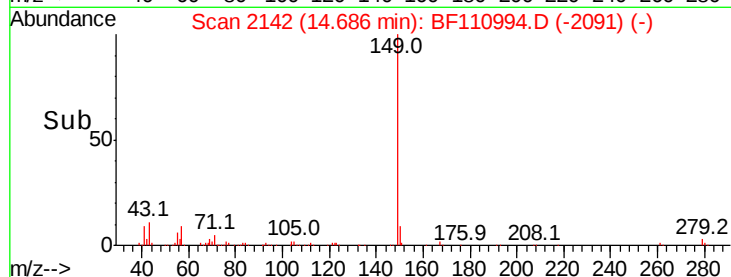
43 10.8 7.8 11.8



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: 39.836 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

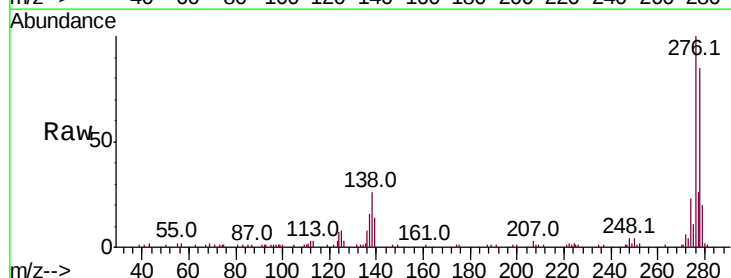
Tgt Ion:276 Resp: 142760

Ion Ratio Lower Upper

276 100

138 24.5 18.5 27.7

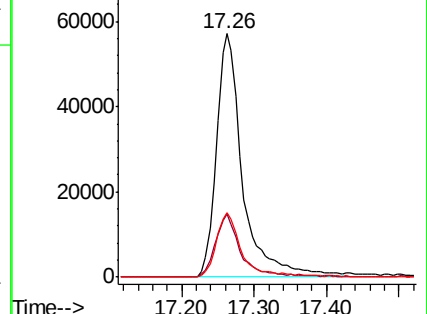
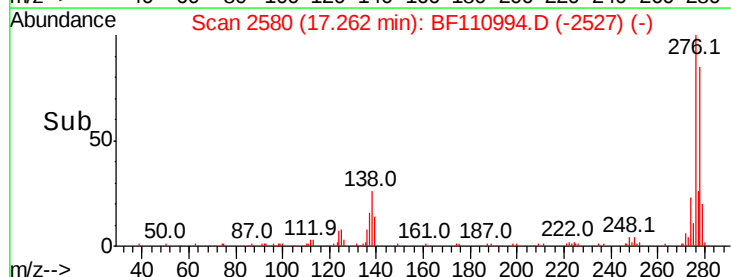
277 25.4 20.0 30.0

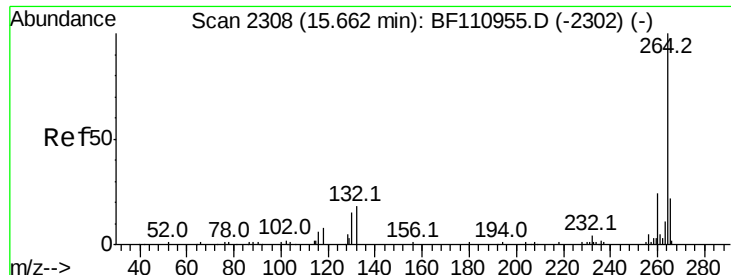


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



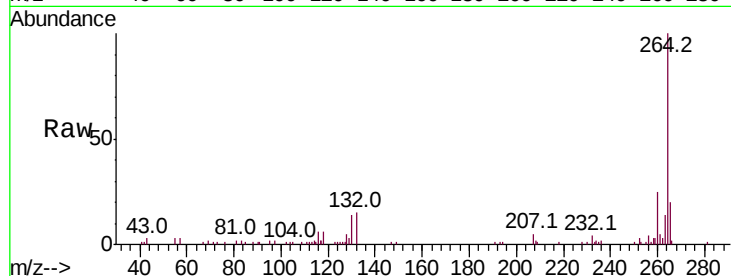


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

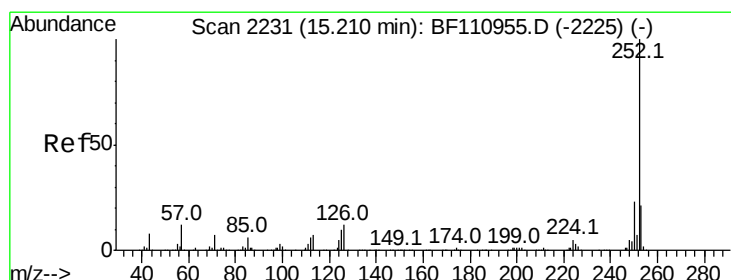
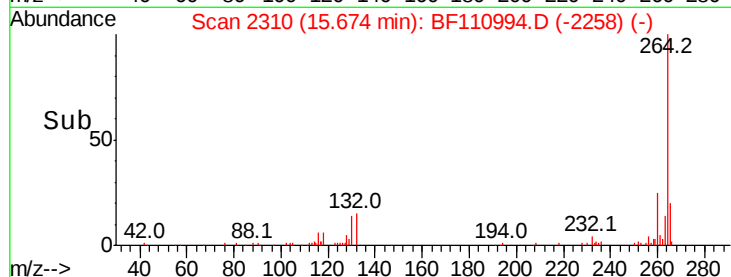
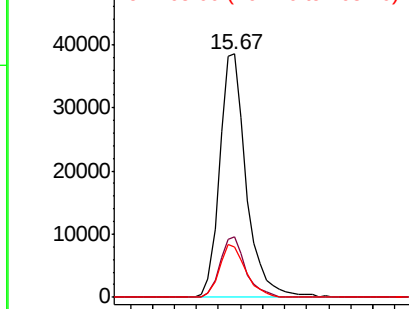
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

Tot Ion:264 Resp: 64879

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.7	28.1
265	20.5	16.7	25.1



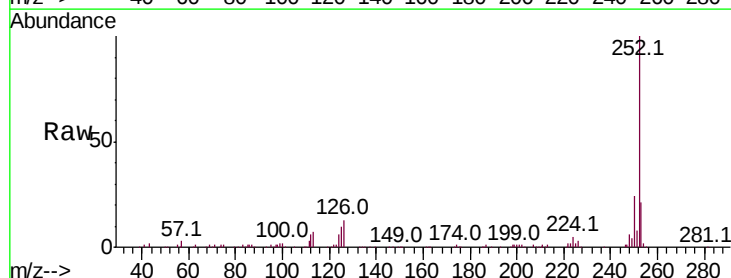
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



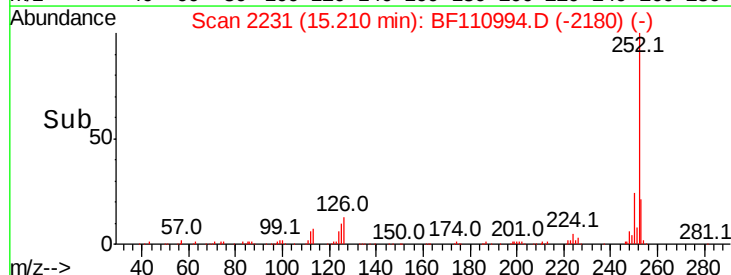
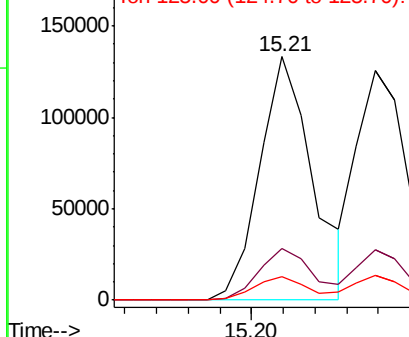
#88
Benzo(b)fluoranthene
Concen: 40.575 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

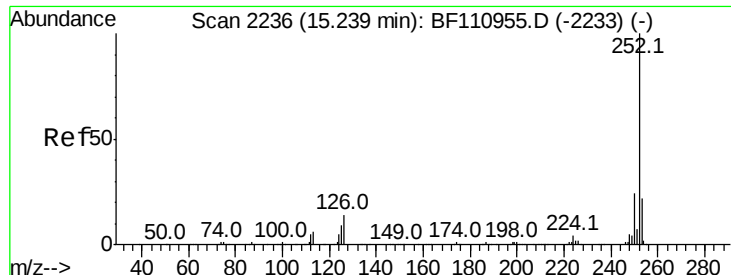
Tgt Ion:252 Resp: 154648

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	9.8	8.2	12.4



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

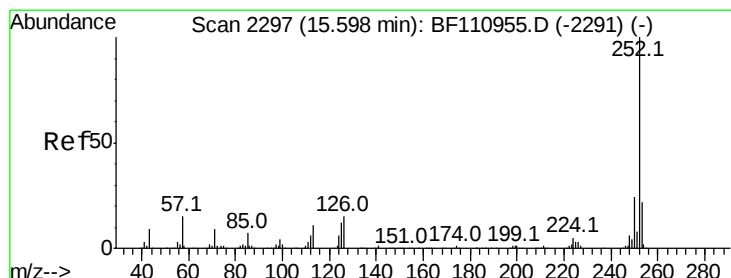
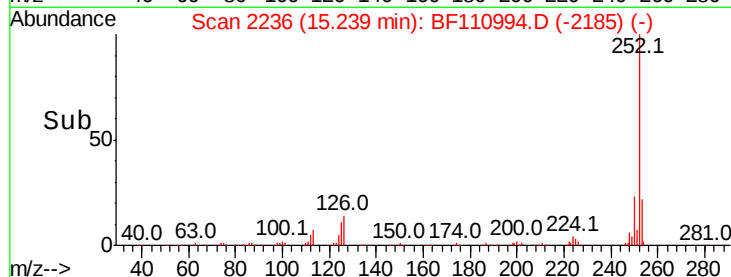
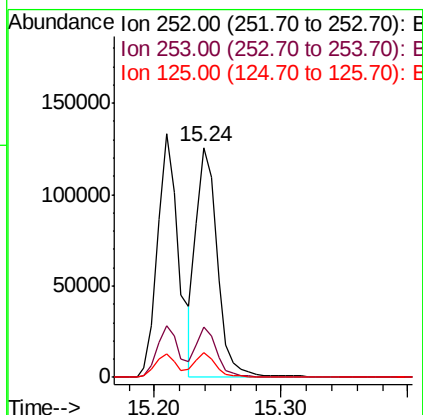
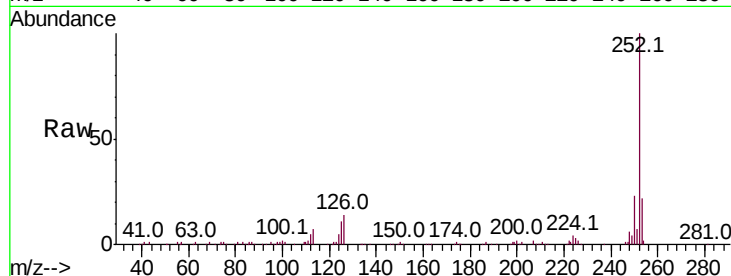




#89
Benzo(k)fluoranthene
Concen: 37.177 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

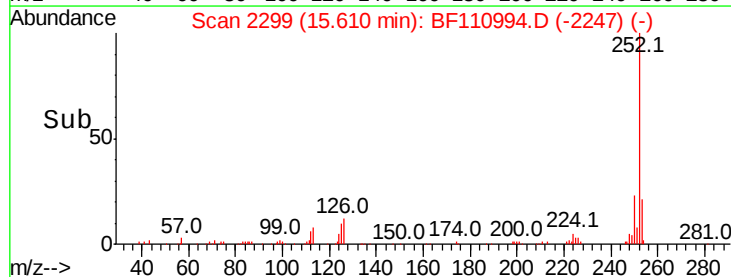
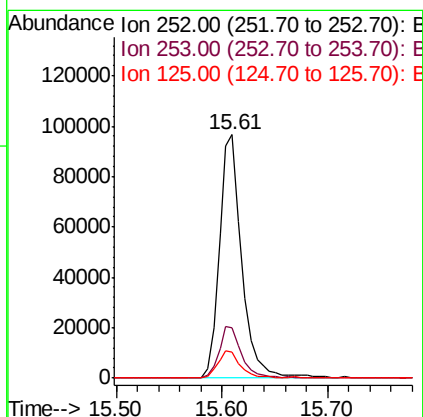
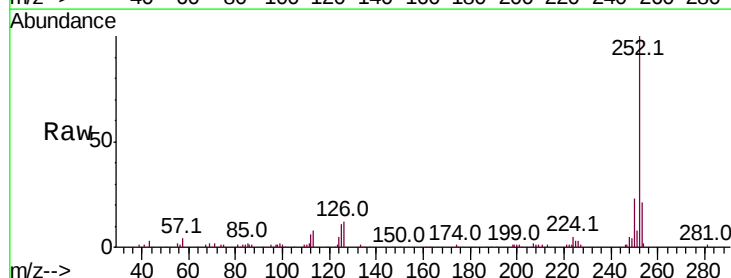
Instrument :
BNA_F
ClientSampleId :
PB115071BSD

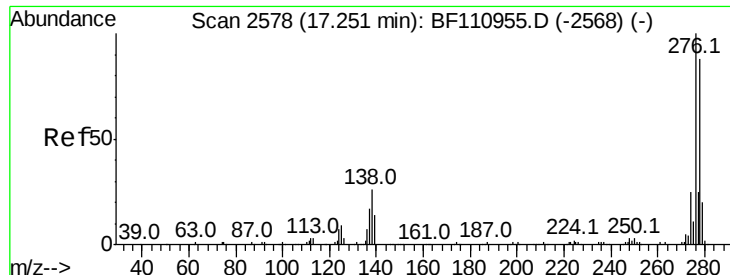
Tot Ion:252 Resp: 145844
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 10.6 7.4 11.0



#90
Benzo(a)pyrene
Concen: 40.139 ng
RT: 15.61 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BF110994.D
Acq: 27 Nov 2018 6:10

Tgt Ion:252 Resp: 142404
Ion Ratio Lower Upper
252 100
253 20.9 18.2 27.4
125 10.6 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 42.240 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

Instrument :

BNA_F

ClientSampleId :

PB115071BSD

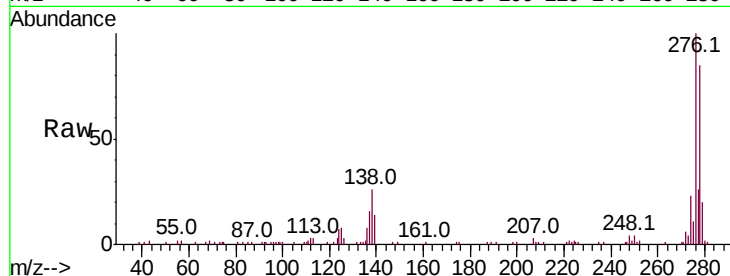
Tot Ion:278 Resp: 123643

Ion Ratio Lower Upper

278 100

139 16.4 12.7 19.1

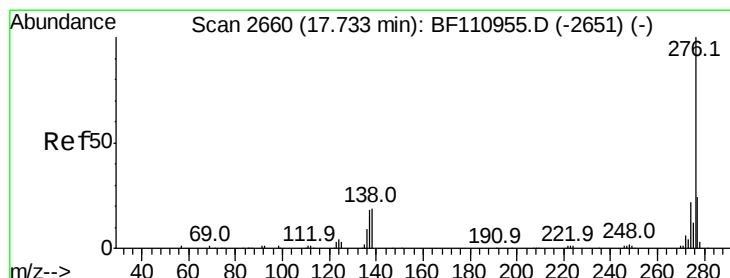
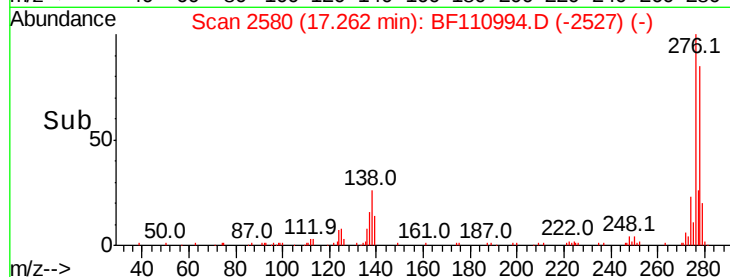
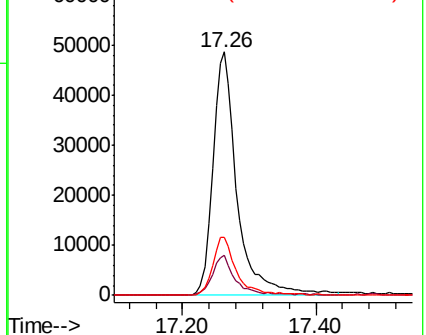
279 23.7 19.0 28.4



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: 42.155 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.01 min

Lab File: BF110994.D

Acq: 27 Nov 2018 6:10

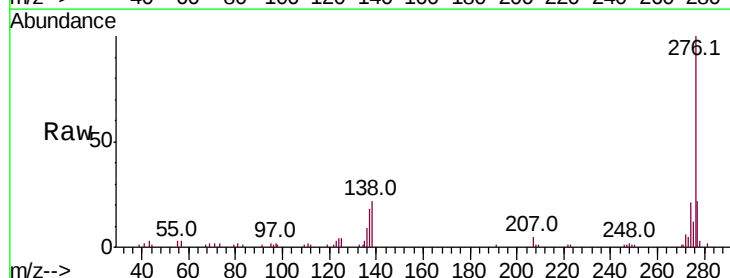
Tgt Ion:276 Resp: 118976

Ion Ratio Lower Upper

276 100

277 22.2 18.8 28.2

138 21.8 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

