

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\
 Data File : BF103188.D
 Acq On : 23 Feb 2018 10:13
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD-S-8ppm
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 23 10:47:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	177636	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	771923	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	361498	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	621081	20.00	ng	0.00
75) Chrysene-d12	14.04	240	452467	20.00	ng	0.00
86) Perylene-d12	15.54	264	446593	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1310726	111.60	ng	0.00
7) Phenol-d6	6.50	99	1582526	110.11	ng	0.00
23) Nitrobenzene-d5	7.44	82	1192949	88.26	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	341714	111.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1763495	83.72	ng	0.00
78) Terphenyl-d14	12.99	244	1426638	75.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	46271	7.459	ng	93
3) Pyridine	3.53	79	105953	6.398	ng	95
4) n-Nitrosodimethylamine	3.38	42	38643	5.786	ng	# 95
6) Aniline	6.54	93	169405	8.167	ng	97
8) 2-Chlorophenol	6.66	128	96169	7.882	ng	95
9) Benzaldehyde	6.43	77	57759	4.849	ng	95
10) Phenol	6.52	94	135492	8.121	ng	93
11) bis(2-Chloroethyl)ether	6.60	93	107787	8.512	ng	91
12) 1,3-Dichlorobenzene	6.81	146	117861	8.453	ng	98
13) 1,4-Dichlorobenzene	6.89	146	116625	8.343	ng	99
14) 1,2-Dichlorobenzene	7.04	146	107571	8.345	ng	99
15) Benzyl Alcohol	7.01	79	104909	9.687	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	178046	8.188	ng	98
17) 2-Methylphenol	7.12	107	90628	8.173	ng	96
18) Hexachloroethane	7.38	117	41901	8.234	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	84048	9.397	ng	95
20) 3+4-Methylphenols	7.27	107	117188	8.670	ng	# 44
22) Acetophenone	7.27	105	160670	8.917	ng	# 89
24) Nitrobenzene	7.45	77	124643	8.375	ng	93
25) Isophorone	7.69	82	214497	8.057	ng	94
26) 2-Nitrophenol	7.77	139	54242	7.742	ng	96
27) 2,4-Dimethylphenol	7.80	122	80218	7.491	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	129806	8.293	ng	99
29) 2,4-Dichlorophenol	8.01	162	82141	8.012	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	89602	8.207	ng	95
31) Naphthalene	8.17	128	318854	8.437	ng	99
32) Benzoic acid	7.89	122	42358	11.477	ng	97
33) 4-Chloroaniline	8.23	127	133626	8.194	ng	98
34) Hexachlorobutadiene	8.29	225	45907	8.074	ng	97
35) Caprolactam	8.57	113	28840	8.004	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	93476	8.083	ng	97
37) 2-Methylnaphthalene	8.86	142	210566	8.621	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	81752	8.272	ng	100
40) Hexachlorocyclopentadiene	9.02	237	8251	10.987	ng	96

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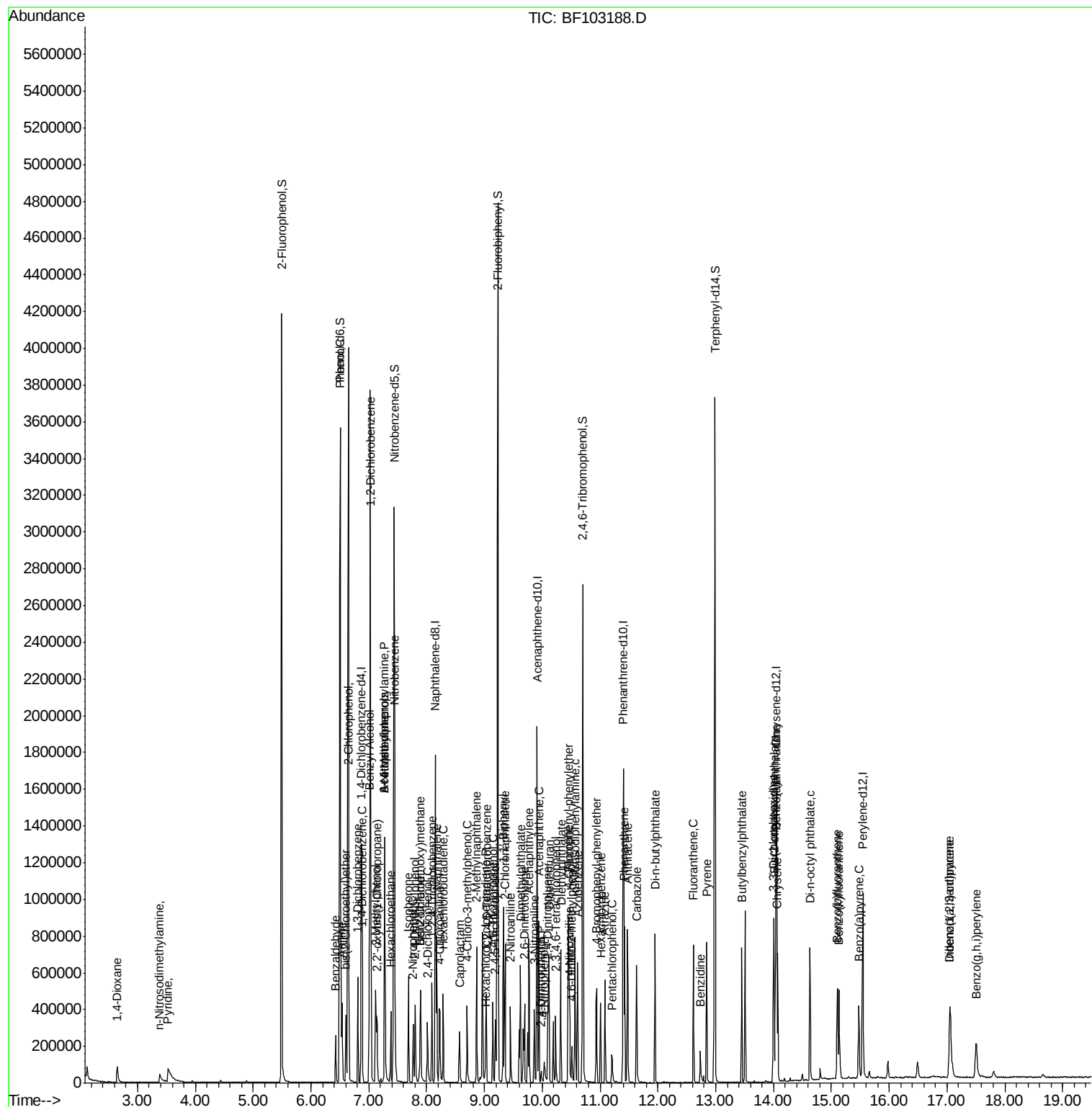
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	51525	7.748	nq	96
43) 2,4,5-Trichlorophenol	9.19	196	61406	8.029	nq	99
45) 1,1'-Biphenyl	9.33	154	264279	8.724	nq	98
46) 2-Chloronaphthalene	9.36	162	196925	8.217	nq	98
47) 2-Nitroaniline	9.45	65	70301	7.919	nq	86
48) Acenaphthylene	9.77	152	313876	8.512	nq	99
49) Dimethylphthalate	9.62	163	236707	8.162	nq	99
50) 2,6-Dinitrotoluene	9.69	165	48590	7.984	nq	98
51) Acenaphthene	9.94	154	185955	8.649	nq	99
52) 3-Nitroaniline	9.86	138	59175	7.664	nq	98
53) 2,4-Dinitrophenol	9.98	184	8900	13.183	nq	# 21
54) Dibenzofuran	10.12	168	267901	9.077	nq	99
55) 4-Nitrophenol	10.03	139	29767	6.220	nq	86
56) 2,4-Dinitrotoluene	10.10	165	61998	8.055	nq	94
57) Fluorene	10.46	166	209847	8.346	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	40934	7.967	nq	97
59) Diethylphthalate	10.32	149	231909	8.361	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	93052	8.727	nq	100
61) 4-Nitroaniline	10.47	138	56810	7.366	nq	91
62) Azobenzene	10.61	77	244804	8.671	nq	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	23125	10.434	nq	94
65) n-Nitrosodiphenylamine	10.56	169	183254	8.474	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	52559	8.124	nq	95
67) Hexachlorobenzene	11.01	284	56654	8.068	nq	97
68) Atrazine	11.09	200	50372	7.750	nq	99
69) Pentachlorophenol	11.20	266	21247	6.258	nq	98
70) Phenanthrene	11.42	178	287896	8.423	nq	99
71) Anthracene	11.47	178	295868	8.441	nq	99
72) Carbazole	11.63	167	290965	8.336	nq	99
73) Di-n-butylphthalate	11.95	149	369831	8.468	nq	98
74) Fluoranthene	12.62	202	288267	8.393	nq	98
76) Benzidine	12.73	184	79180	4.681	nq	98
77) Pyrene	12.85	202	299934	8.502	nq	97
79) Butylbenzylphthalate	13.45	149	147623	7.920	nq	94
80) Benzo(a)anthracene	14.03	228	232330	7.914	nq	98
81) 3,3'-Dichlorobenzidine	14.00	252	82668	7.890	nq	100
82) Chrysene	14.07	228	232146	8.144	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	210323	8.362	nq	# 98
84) Di-n-octyl phthalate	14.63	149	326564	8.036	nq	97
85) Indeno(1,2,3-cd)pyrene	17.05	276	206514	9.151	nq	97
87) Benzo(b)fluoranthene	15.10	252	216517	7.374	nq	98
88) Benzo(k)fluoranthene	15.13	252	220375	7.970	nq	97
89) Benzo(a)pyrene	15.47	252	201701	7.692	nq	# 97
90) Dibenzo(a,h)anthracene	17.06	278	167053	8.245	nq	96
91) Benzo(g,h,i)perylene	17.51	276	170539	8.612	nq	98

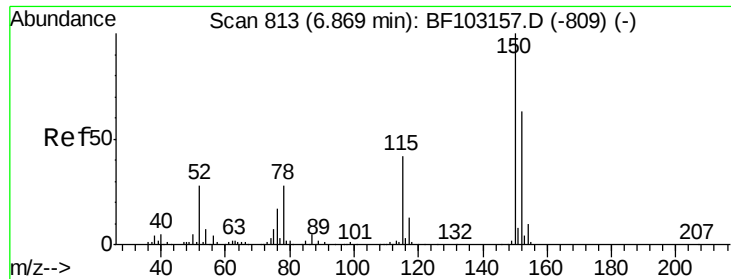
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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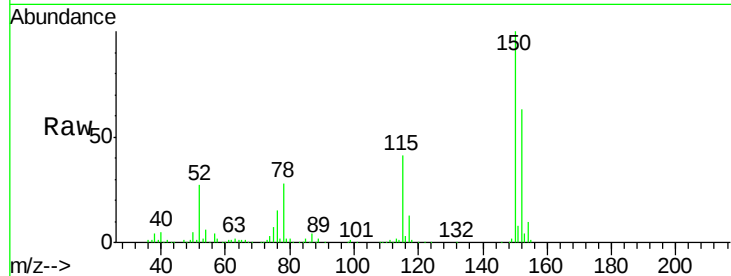


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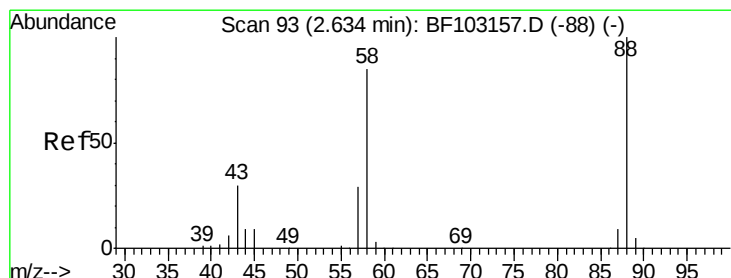
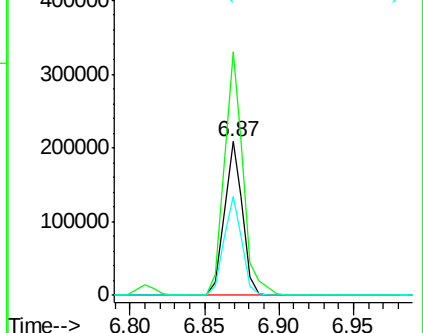
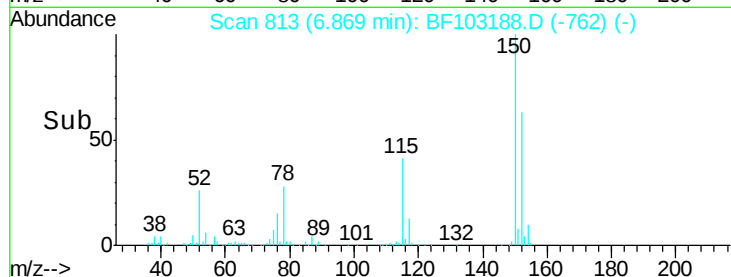
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 177636
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 64.6 50.1 75.1



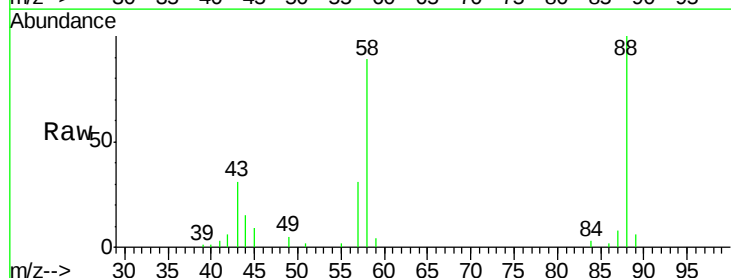
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



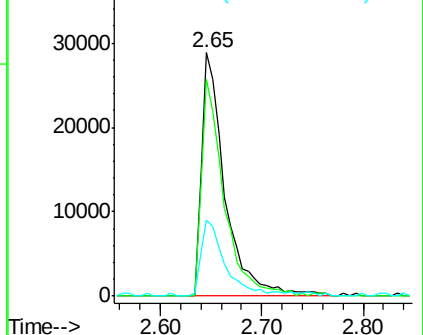
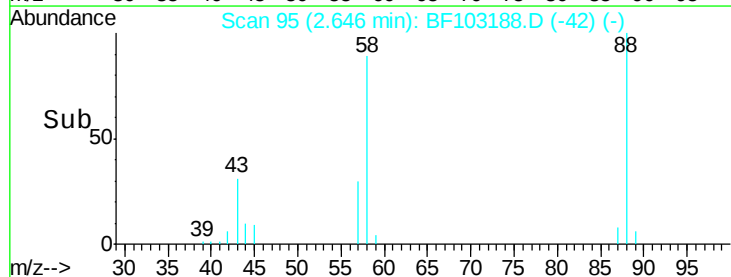
#2

1,4-Dioxane
Concen: 7.459 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion: 88 Resp: 46271
Ion Ratio Lower Upper
88 100
58 85.7 62.6 93.8
43 31.8 24.6 37.0



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

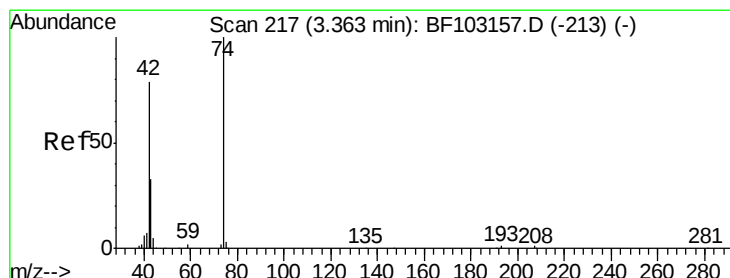
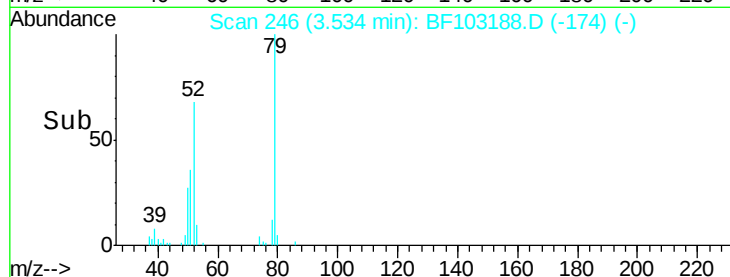
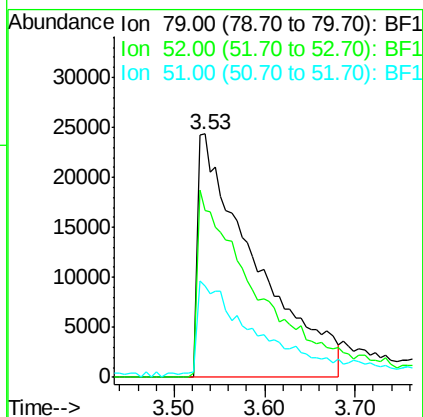
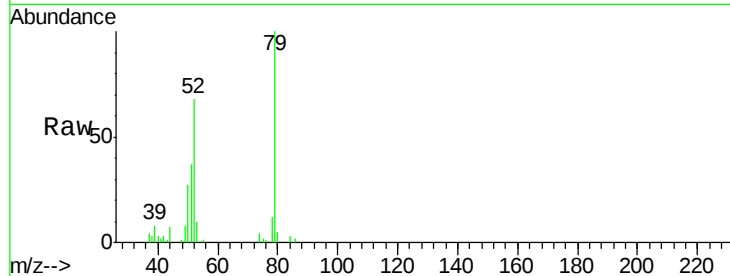




#3
 Pvridine
 Concen: 6.398 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.12 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

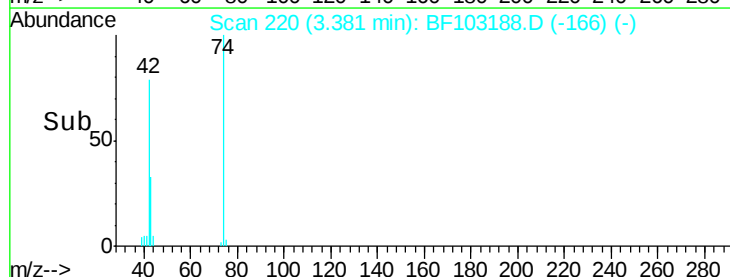
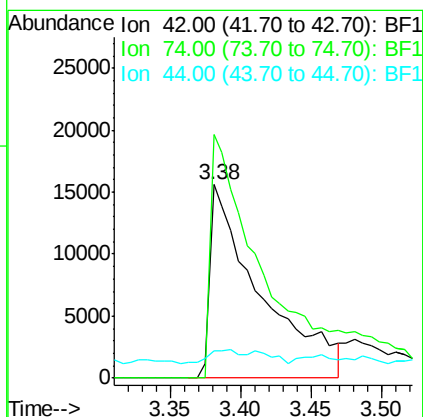
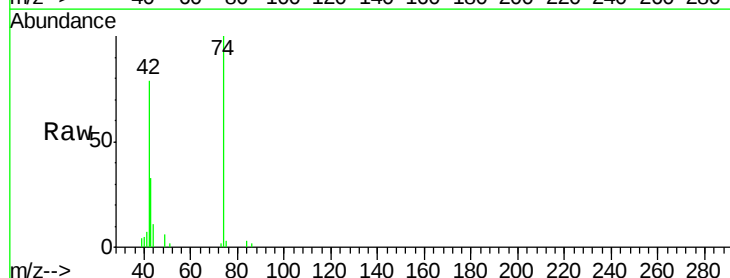
Instrument :
 BNA_F
 ClientSampleId :

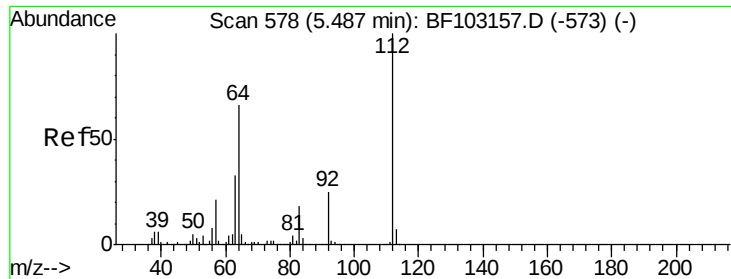
Tot Ion: 79 Resp: 105953
 Ion Ratio Lower Upper
 79 100
 52 68.4 59.8 89.6
 51 37.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 5.786 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion: 42 Resp: 38643
 Ion Ratio Lower Upper
 42 100
 74 125.9 104.9 157.3
 44 14.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 111.598 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

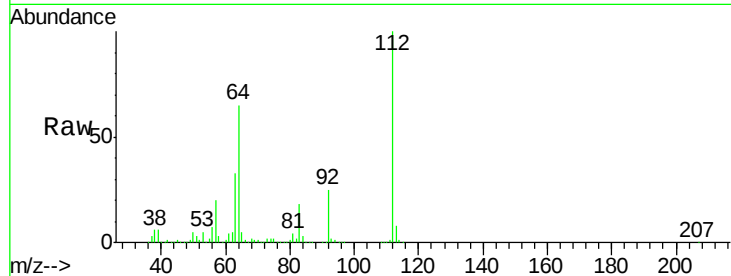
Tot Ion:112 Resp: 1310726

Ion Ratio Lower Upper

112 100

64 65.0 47.9 71.9

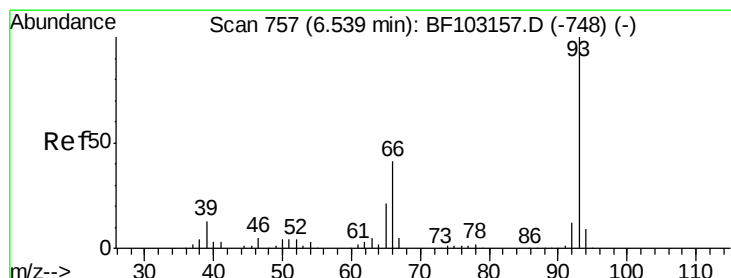
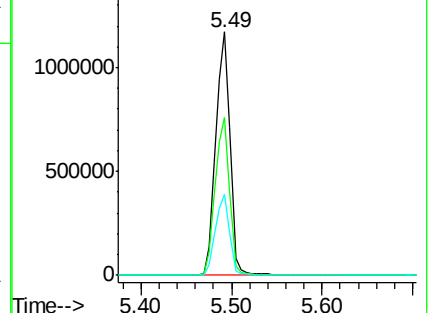
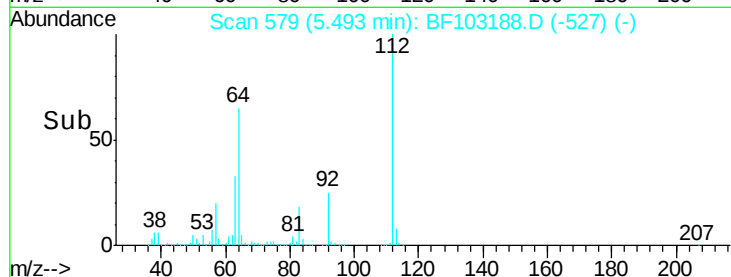
63 33.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.167 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

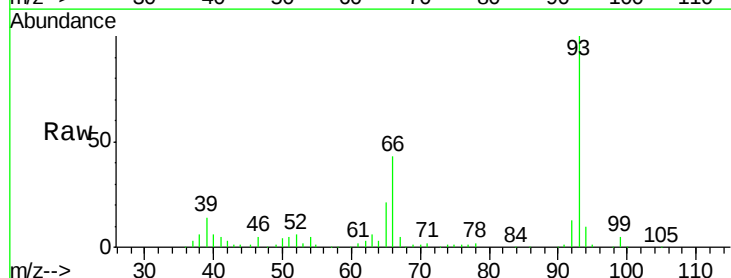
Tgt Ion: 93 Resp: 169405

Ion Ratio Lower Upper

93 100

66 42.7 32.2 48.2

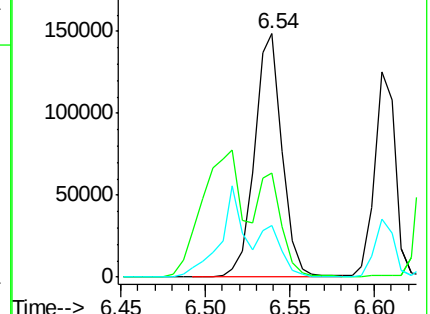
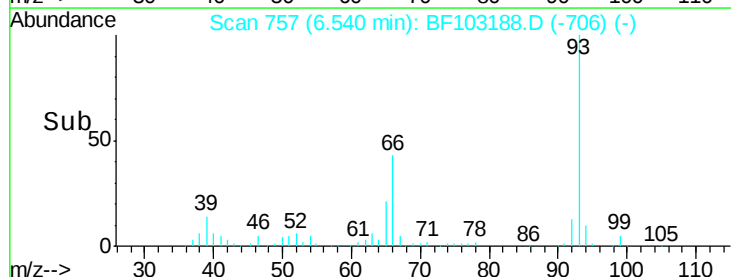
65 21.3 16.4 24.6

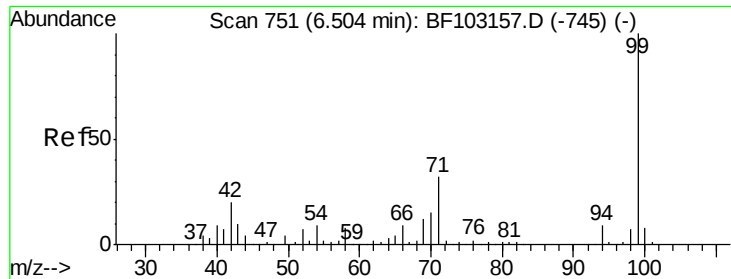


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.113 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

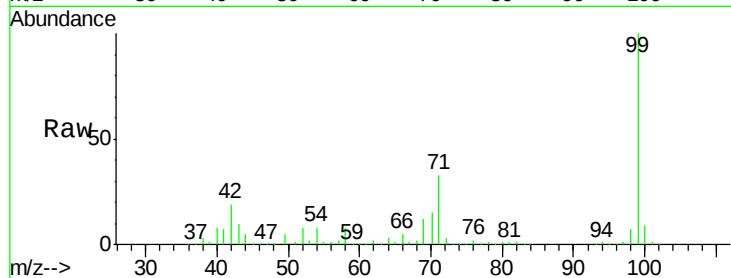
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1582526

Ion	Ratio	Lower	Upper
99	100		
42	19.4	14.5	21.7
71	33.1	25.4	38.0

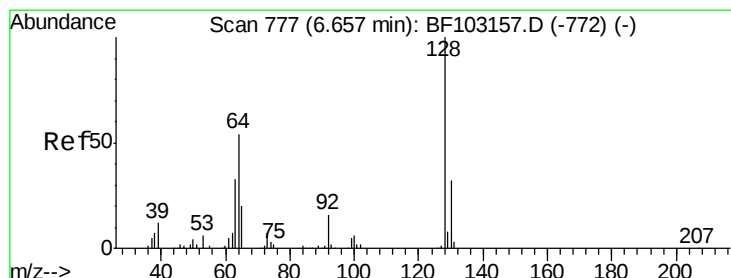
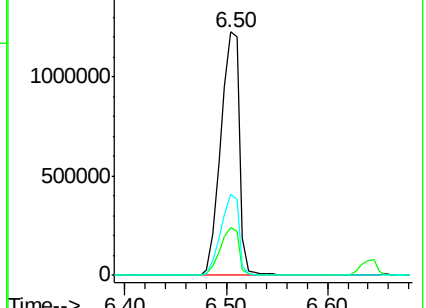
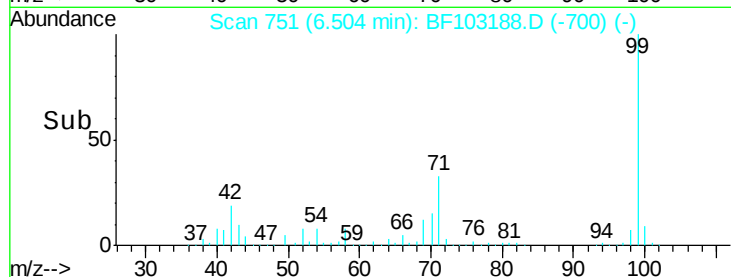


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.882 ng

RT: 6.66 min Scan# 777

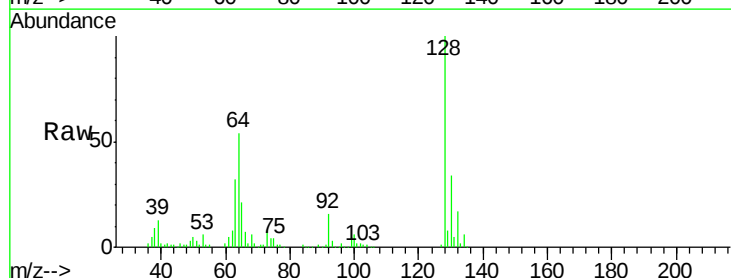
Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Tgt Ion:128 Resp: 96169

Ion	Ratio	Lower	Upper
128	100		
130	34.3	13.0	53.0
64	53.9	29.4	69.4

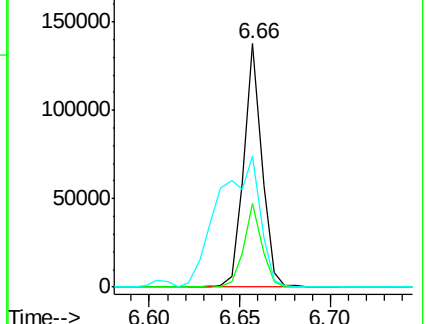
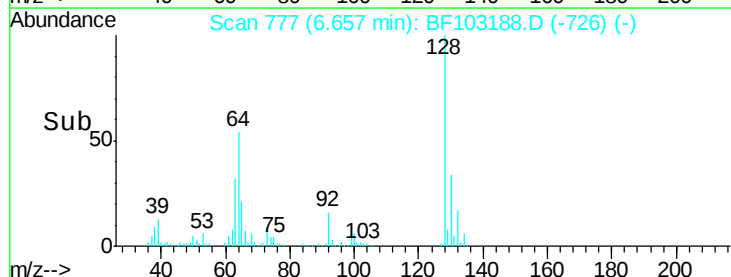


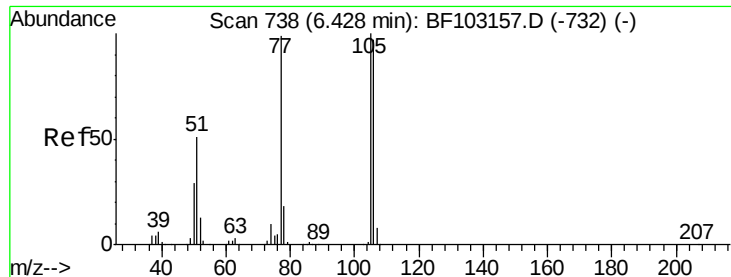
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.849 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampled :

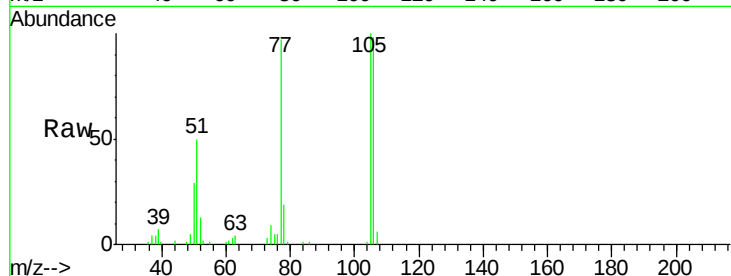
Tot Ion: 77 Resp: 57759

Ion Ratio Lower Upper

77 100

105 103.6 81.1 121.1

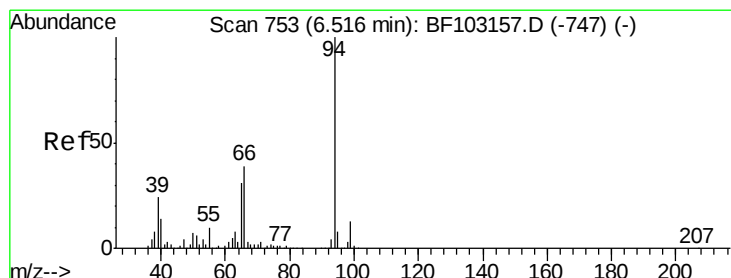
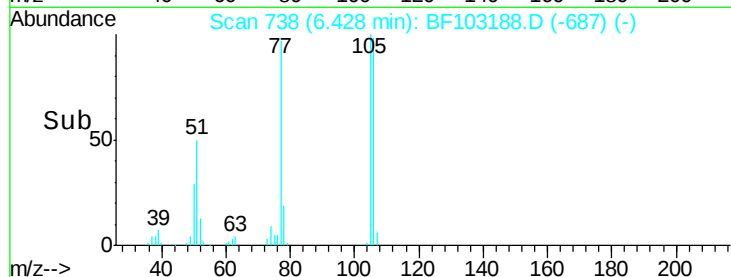
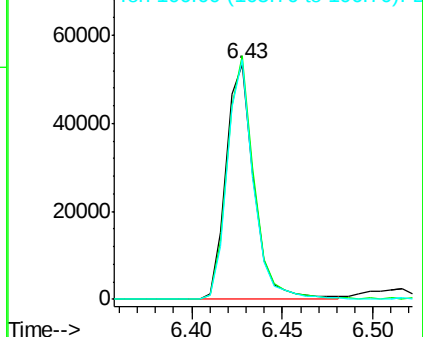
106 101.9 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 8.121 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

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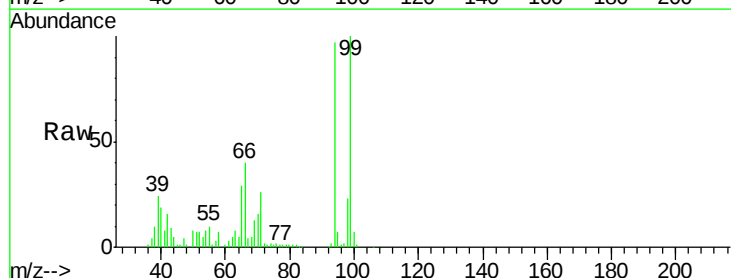
Tgt Ion: 94 Resp: 135492

Ion Ratio Lower Upper

94 100

65 30.2 7.9 47.9

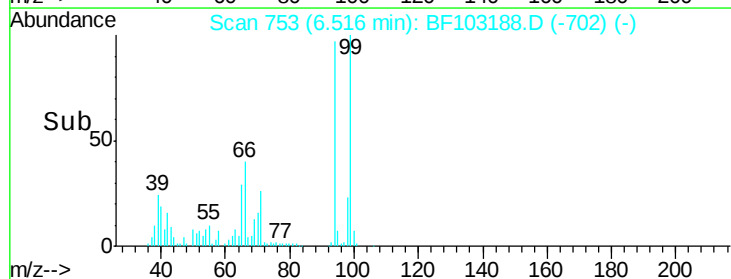
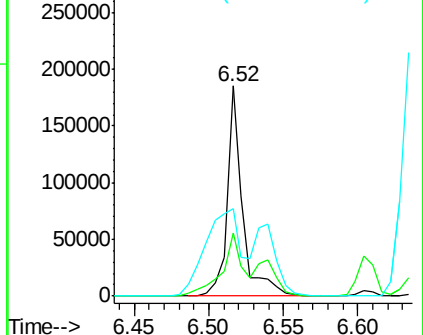
66 41.8 16.2 56.2

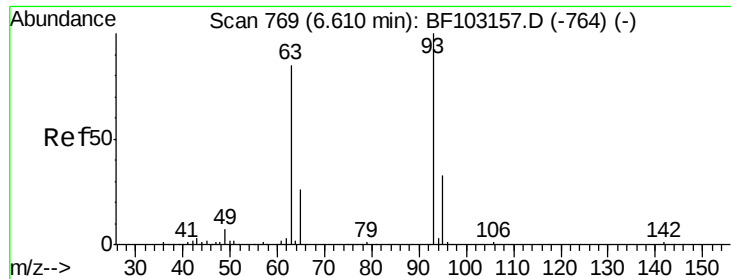


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

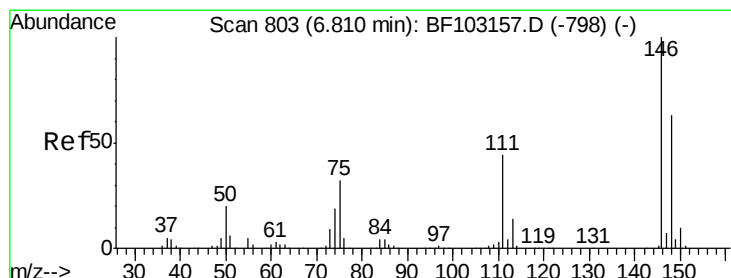
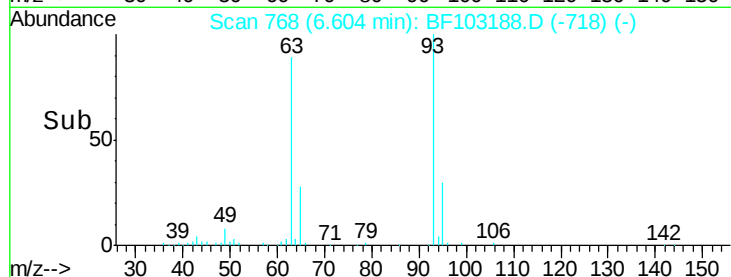
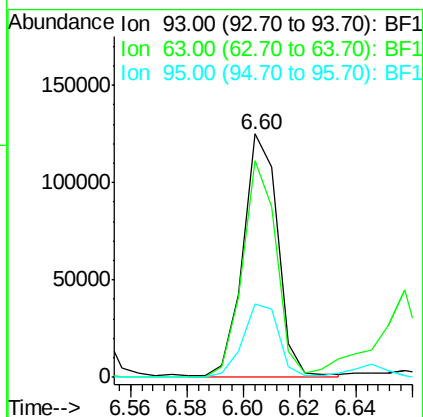
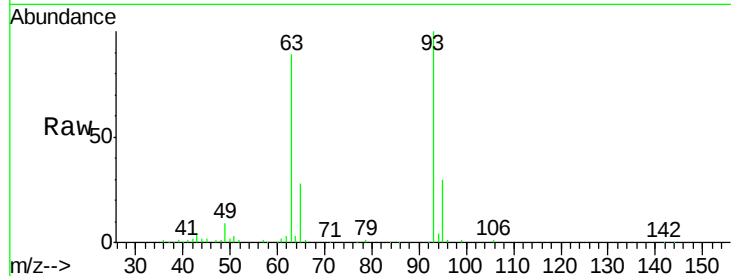




#11
bis(2-Chloroethyl)ether
Concen: 8.512 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

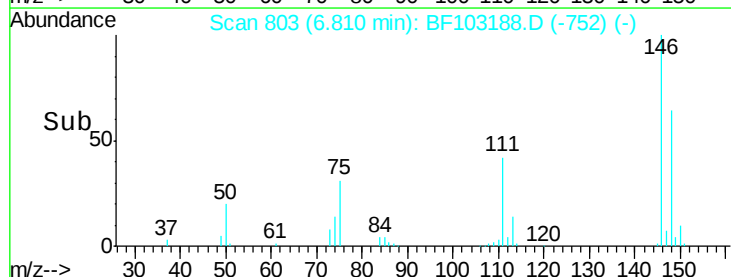
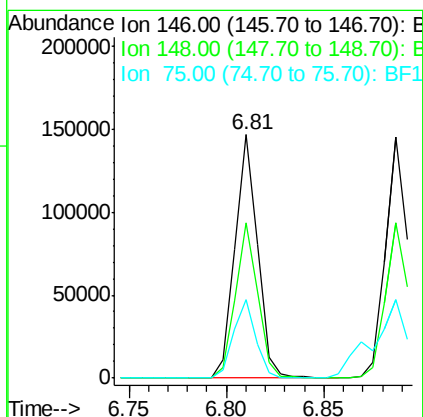
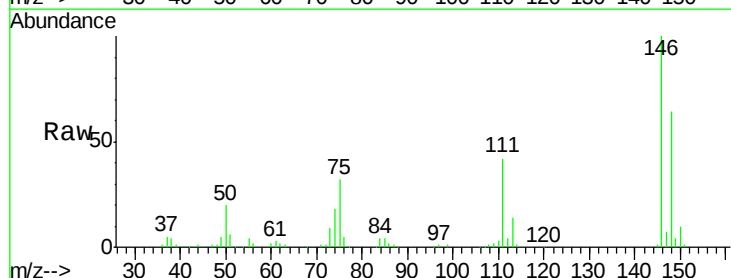
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 107787
Ion Ratio Lower Upper
93 100
63 89.2 58.6 98.6
95 30.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 8.453 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion: 146 Resp: 117861
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
75 32.3 24.2 36.4

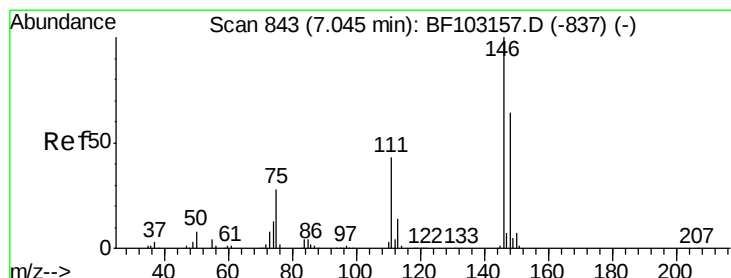
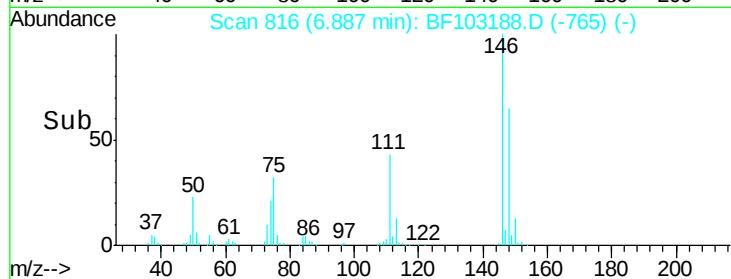
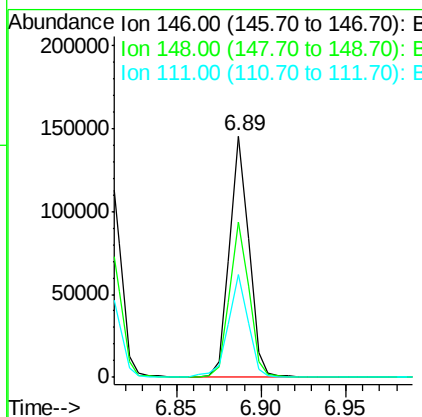
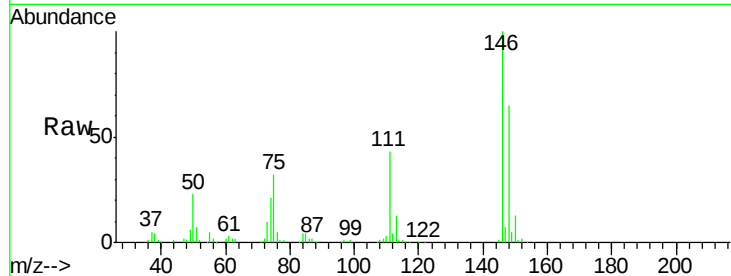




#13
1,4-Dichlorobenzene
Concen: 8.343 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

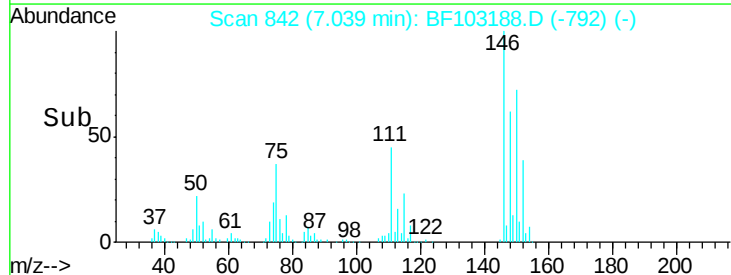
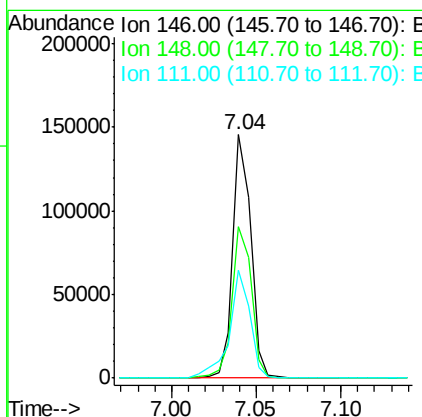
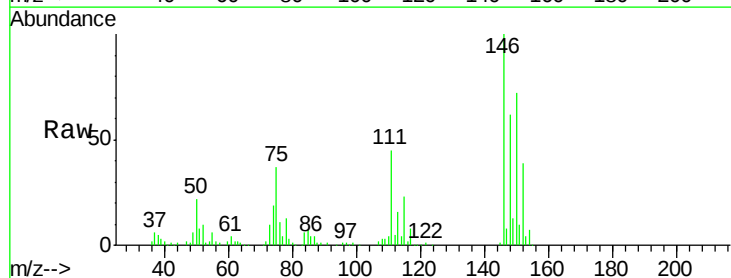
Instrument :
BNA_F
ClientSampleId :

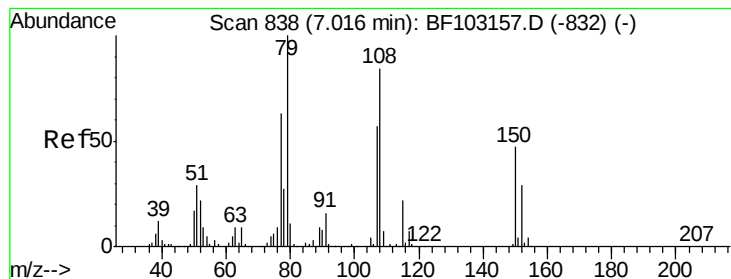
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	42.8	34.2	51.2



#14
1,2-Dichlorobenzene
Concen: 8.345 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.6	75.8
111	44.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 9.687 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampled :

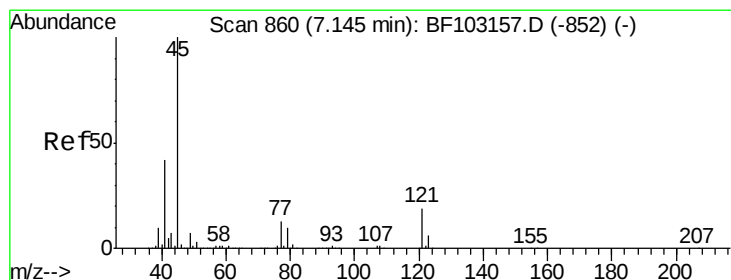
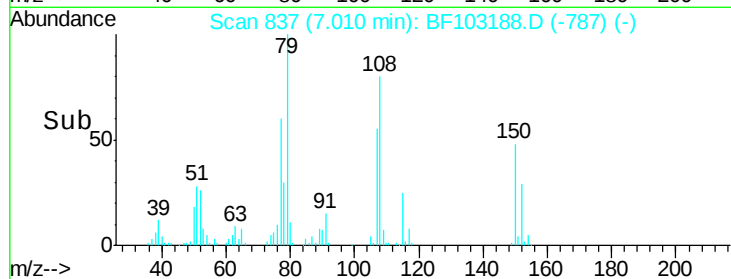
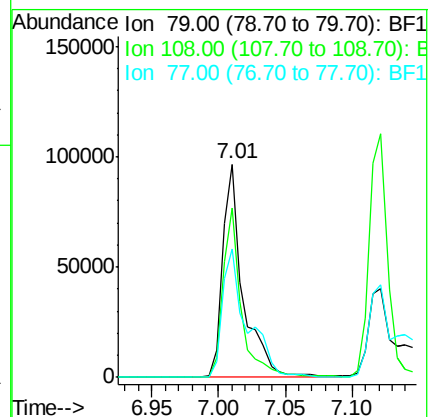
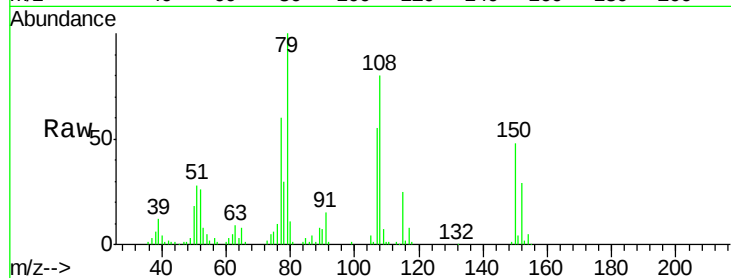
Tot Ion: 79 Resp: 104909

Ion Ratio Lower Upper

79 100

108 79.6 65.1 97.7

77 60.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.188 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

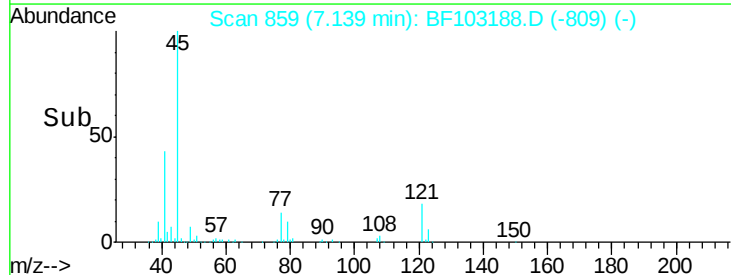
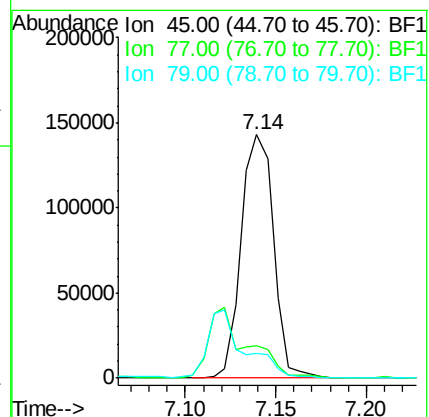
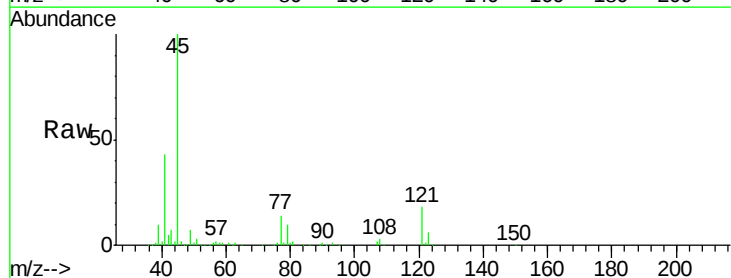
Tgt Ion: 45 Resp: 178046

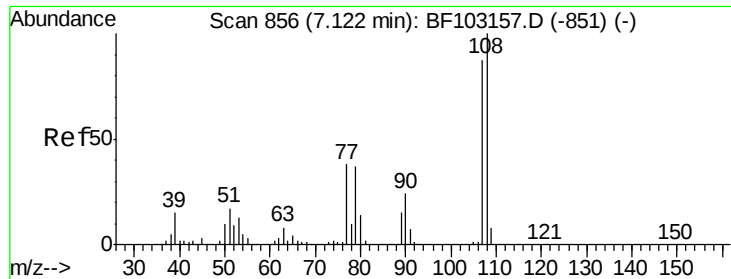
Ion Ratio Lower Upper

45 100

77 13.6 0.0 32.9

79 10.3 0.0 29.6

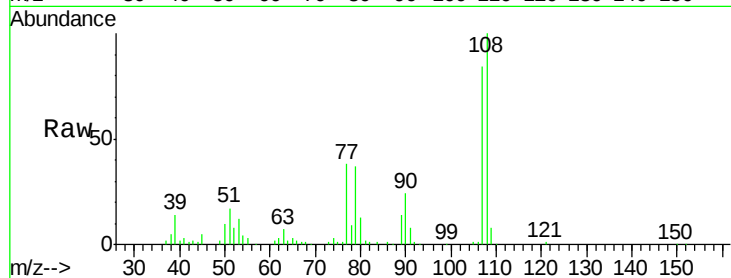




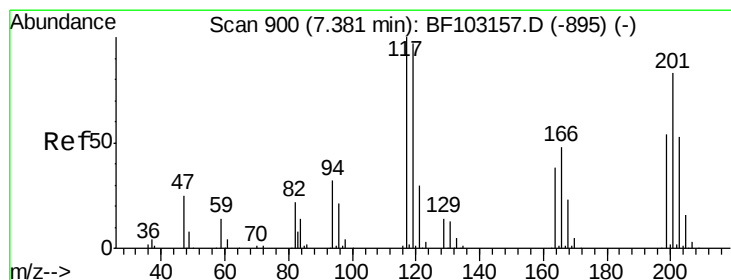
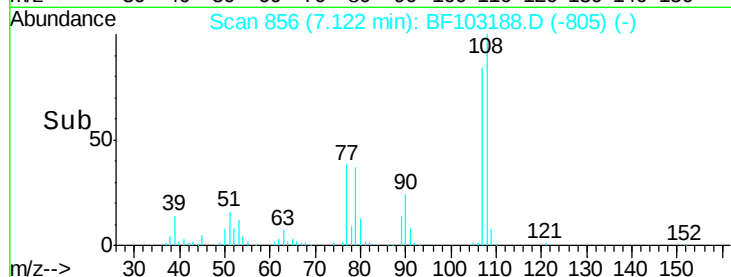
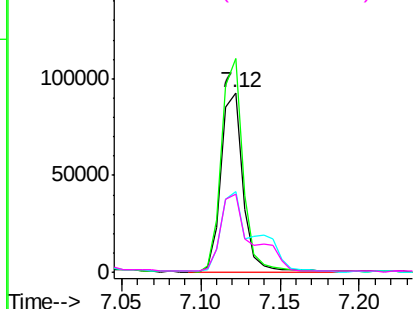
#17
2-Methylphenol
Concen: 8.173 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 90628
Ion Ratio Lower Upper
107 100
108 119.0 91.7 137.5
77 45.1 33.8 50.8
79 43.6 33.8 50.8

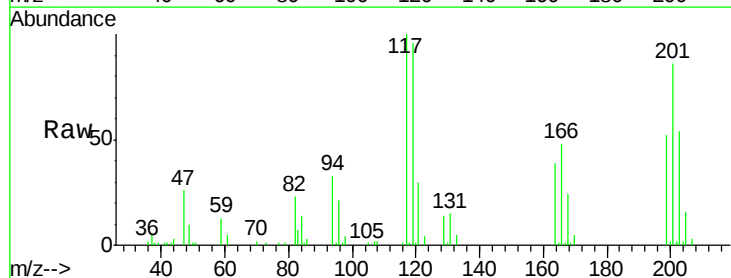


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

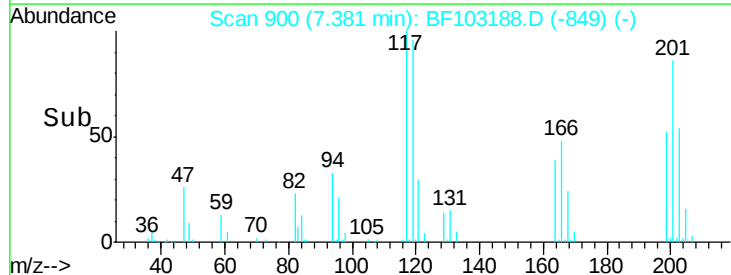
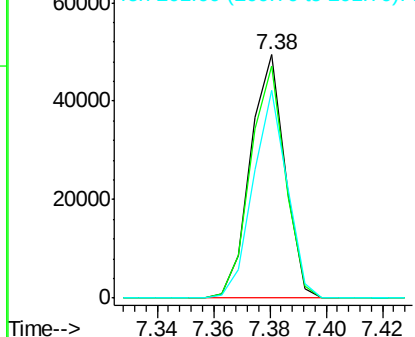


#18
Hexachloroethane
Concen: 8.234 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:117 Resp: 41901
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
201 85.6 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

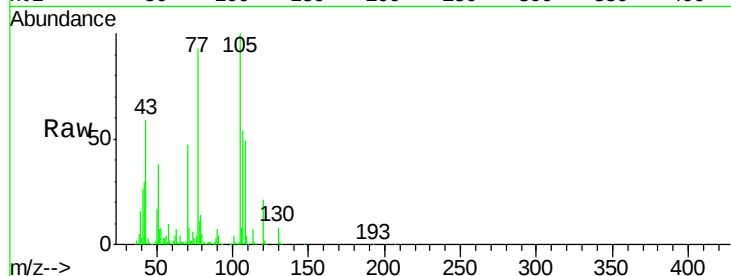




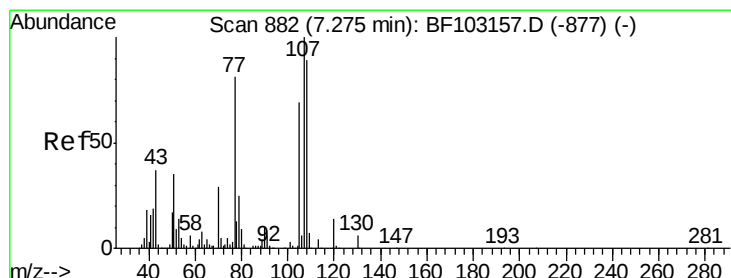
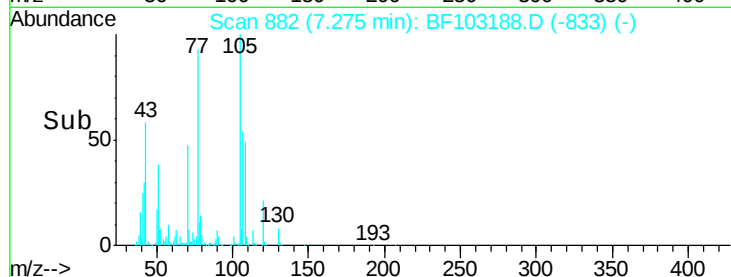
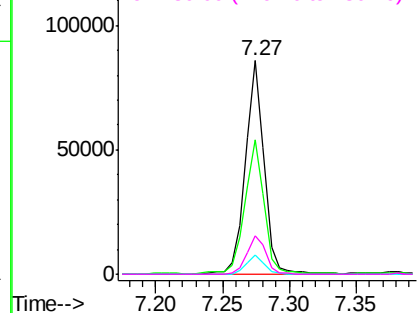
#19
n-Nitroso-di-n-propylamine
Concen: 9.397 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 84048
Ion Ratio Lower Upper
70 100
42 63.1 47.5 71.3
101 9.2 7.4 11.2
130 17.9 16.6 25.0

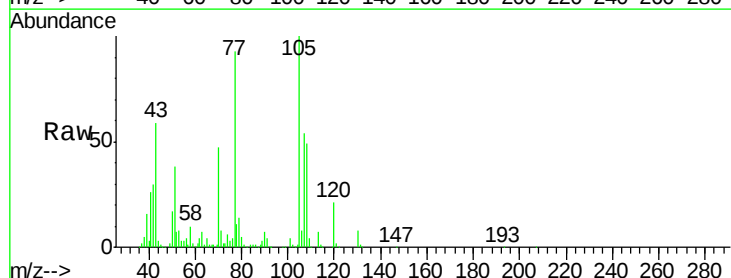


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

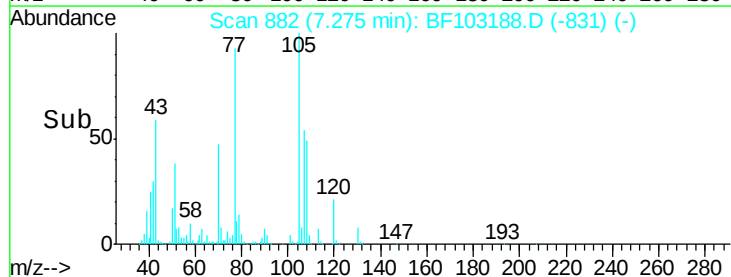
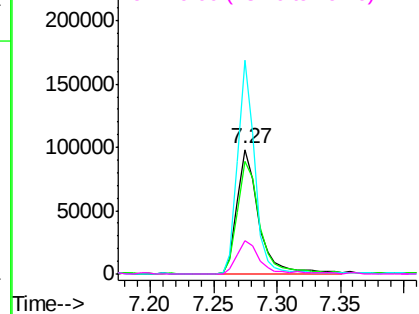


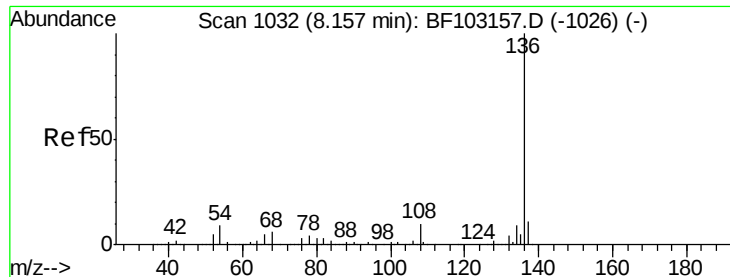
#20
3+4-Methylphenols
Concen: 8.670 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:107 Resp: 117188
Ion Ratio Lower Upper
107 100
108 90.7 68.2 108.2
77 171.6 26.7 66.7#
79 26.3 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 771923

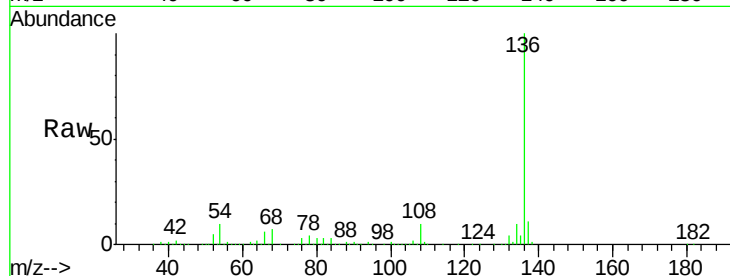
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.9 5.0 7.4

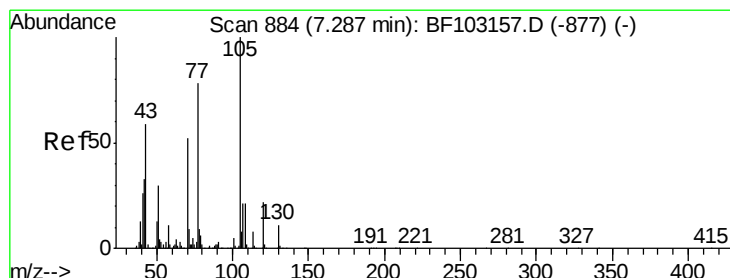
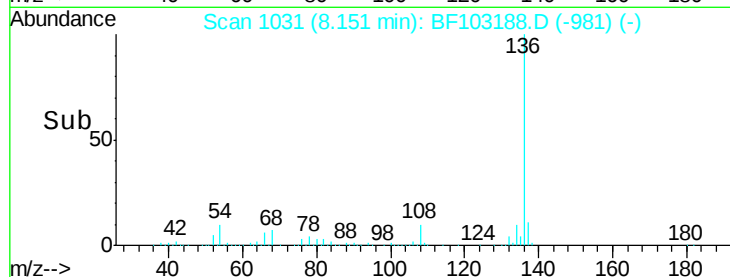
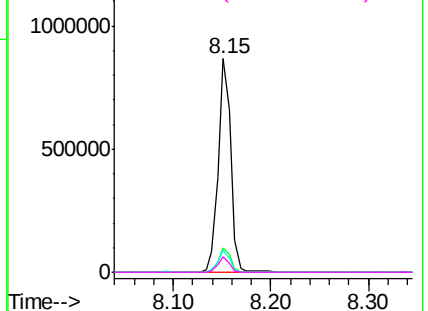


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 8.917 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Tgt Ion:105 Resp: 160670

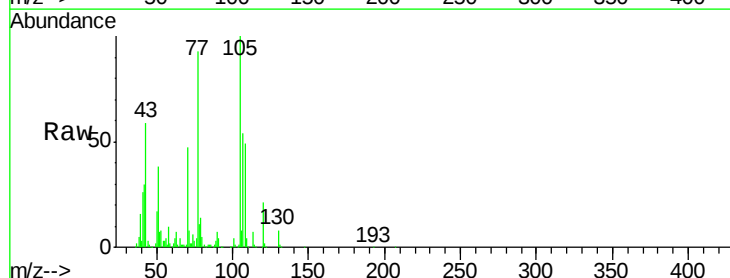
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 38.0 22.3 33.5#

120 21.0 16.9 25.3

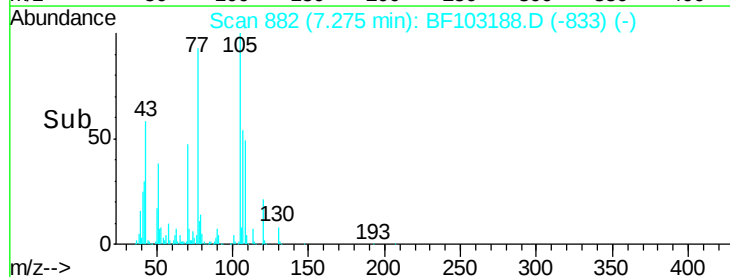
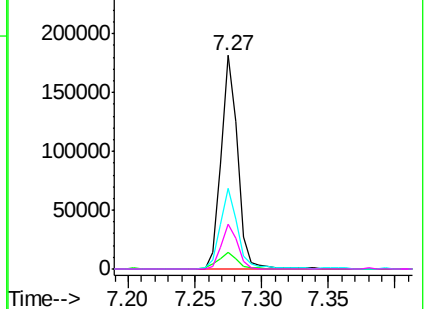


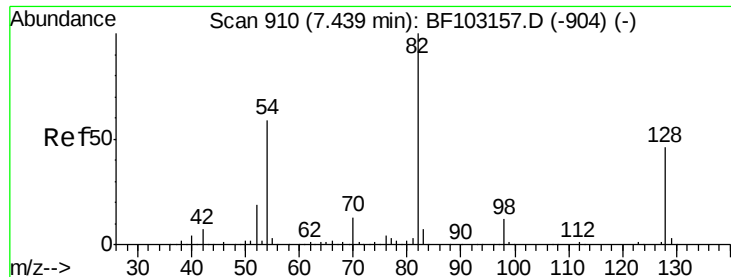
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

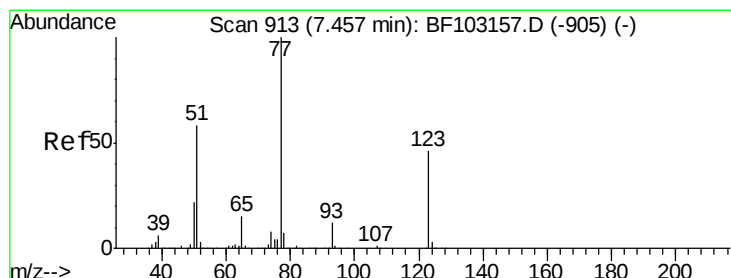
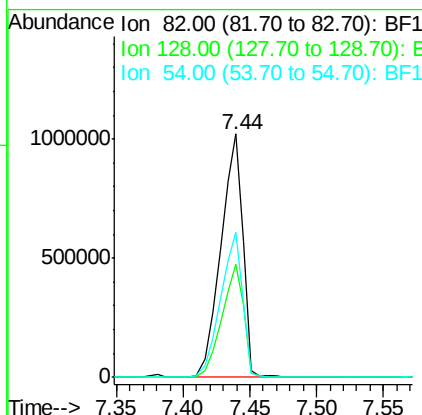
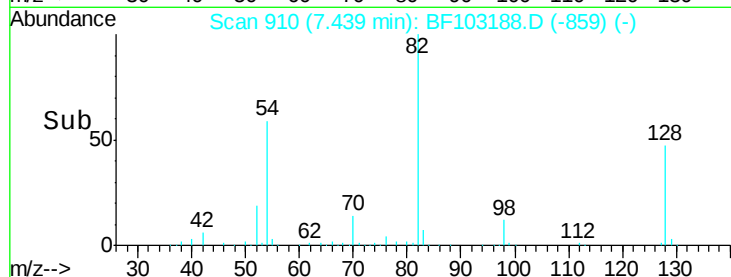
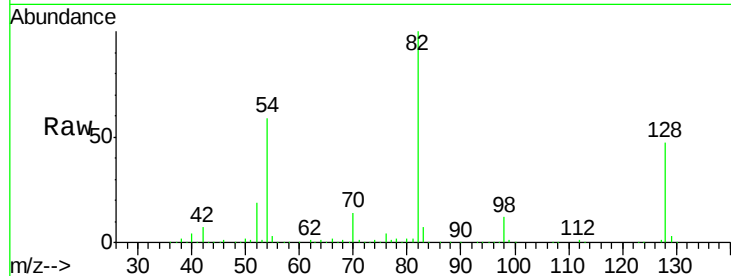




#23
 Nitrobenzene-d5
 Concen: 88.257 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

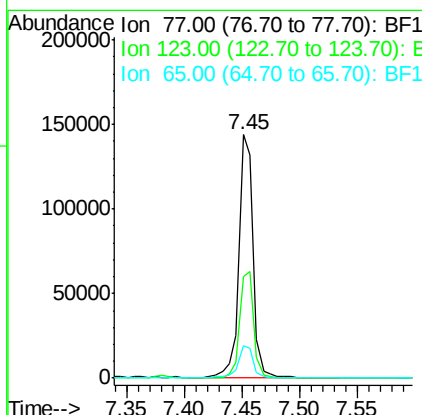
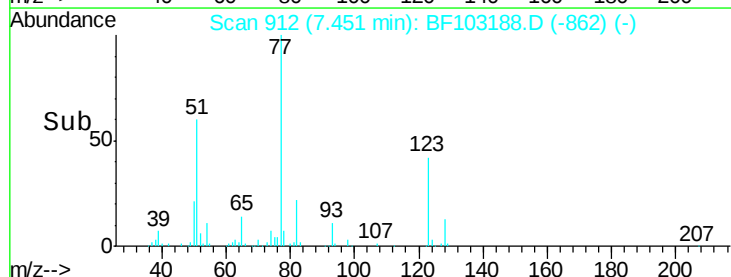
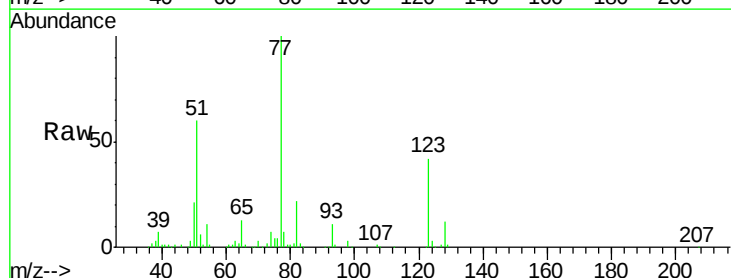
Instrument :
 BNA_F
 ClientSampled :

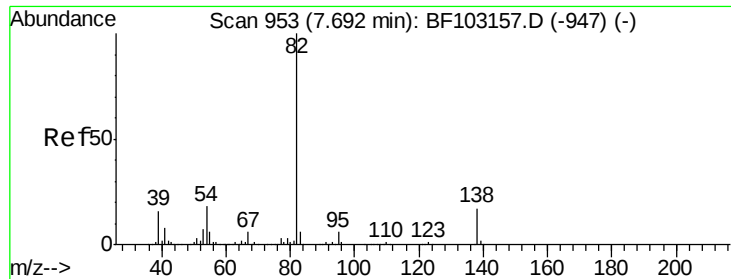
Tot Ion: 82 Resp: 1192949
 Ion Ratio Lower Upper
 82 100
 128 46.6 36.1 54.1
 54 59.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 8.375 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion: 77 Resp: 124643
 Ion Ratio Lower Upper
 77 100
 123 41.5 37.9 56.9
 65 13.4 11.0 16.4





#25

Isophorone

Concen: 8.057 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

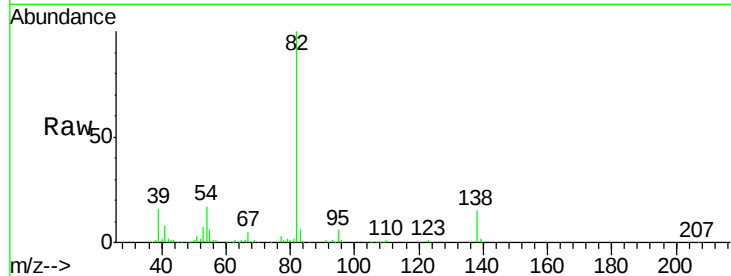
Tot Ion: 82 Resp: 214497

Ion Ratio Lower Upper

82 100

95 5.6 5.2 7.8

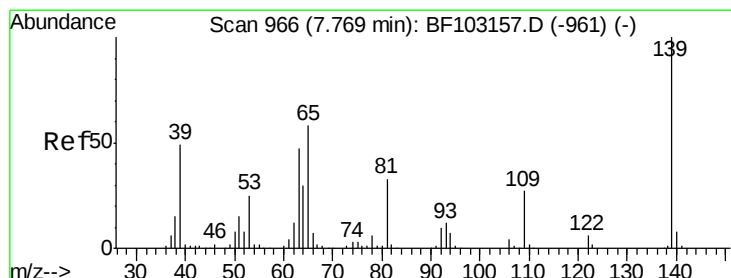
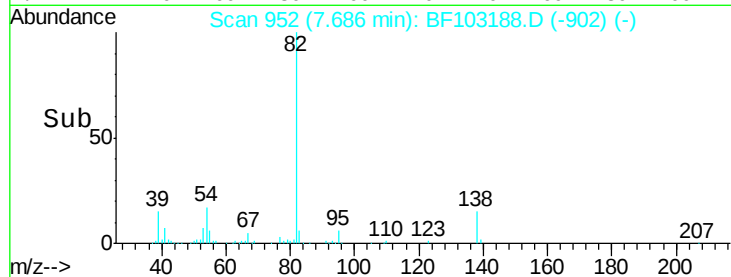
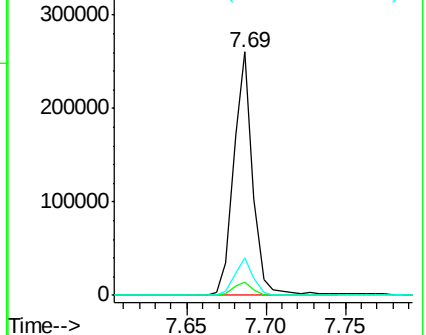
138 15.2 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 7.742 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

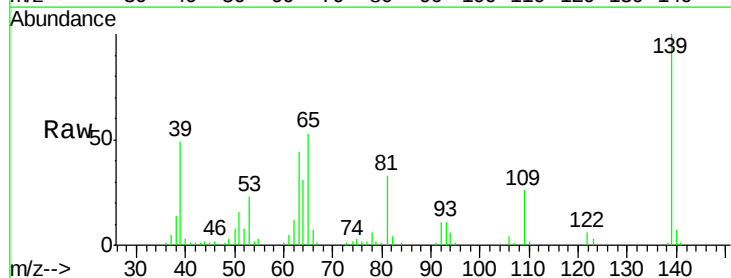
Tgt Ion: 139 Resp: 54242

Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

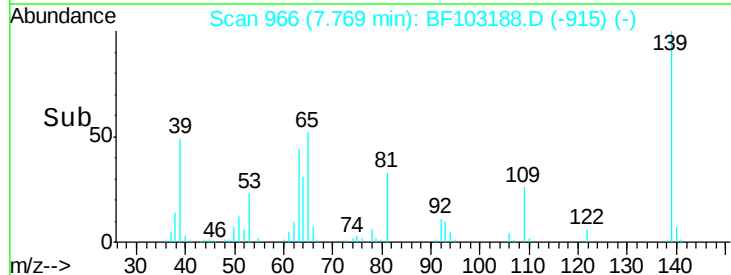
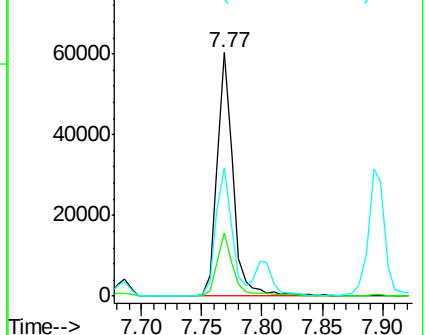
65 53.0 40.5 60.7

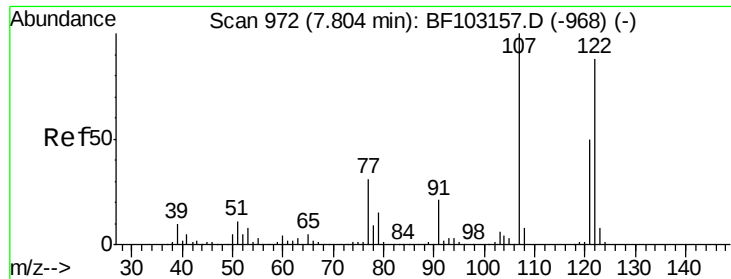


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

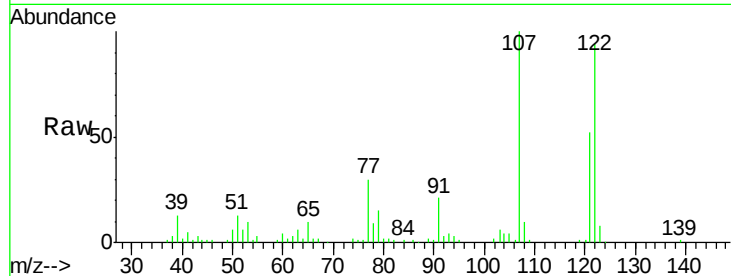




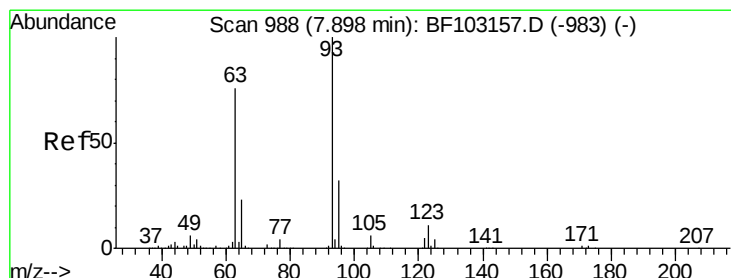
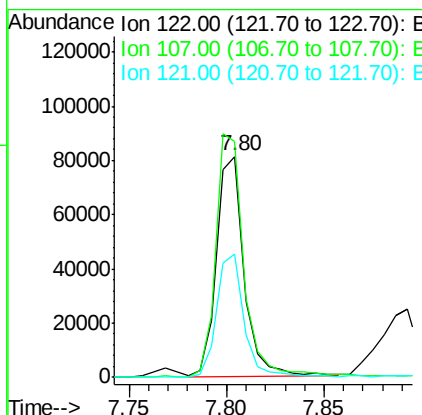
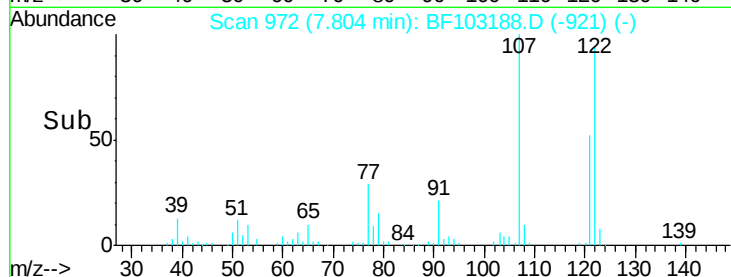
#27
 2,4-Dimethylphenol
 Concen: 7.491 ng
 RT: 7.80 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 80218
 Ion Ratio Lower Upper
 122 100
 107 106.8 91.2 136.8
 121 55.6 47.2 70.8

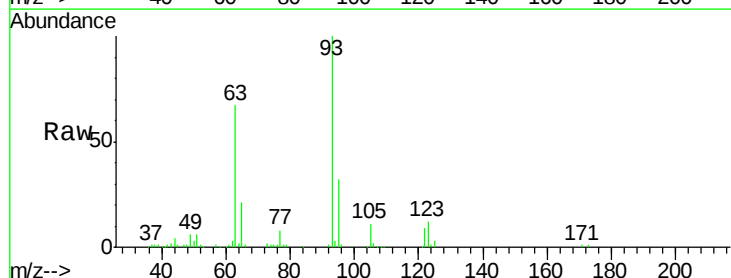


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

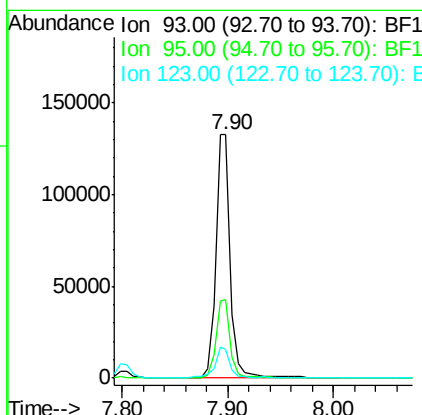
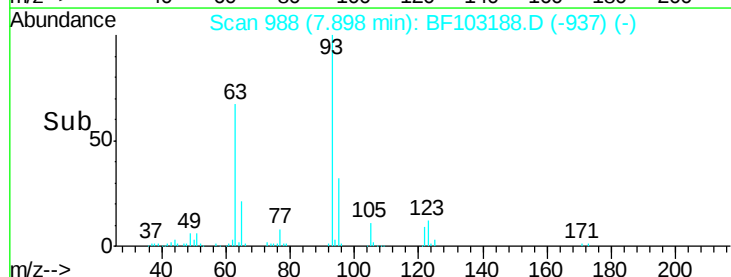


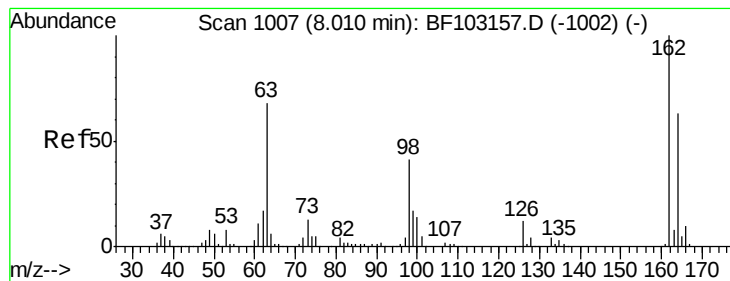
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.293 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion: 93 Resp: 129806
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.3 39.5
 123 11.9 9.8 14.6



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





#29

2,4-Dichlorophenol

Concen: 8.012 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

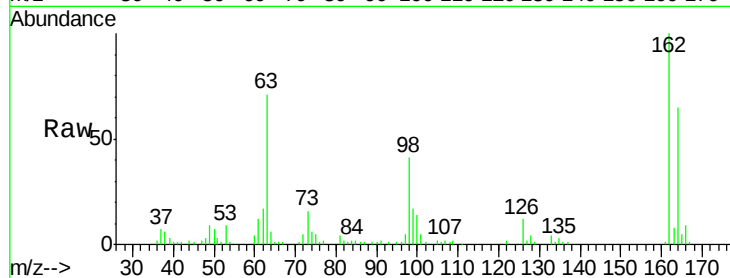
Tot Ion:162 Resp: 82141

Ion Ratio Lower Upper

162 100

164 65.4 42.7 82.7

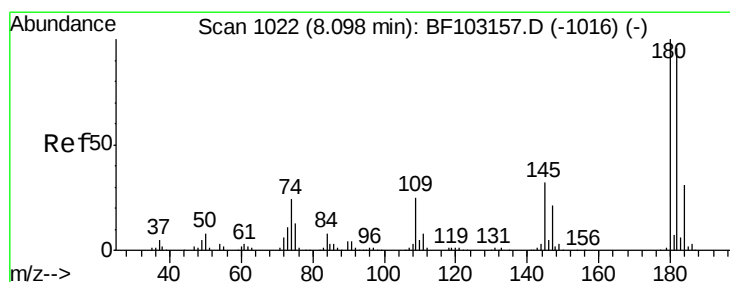
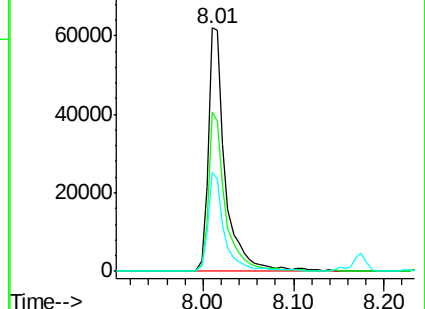
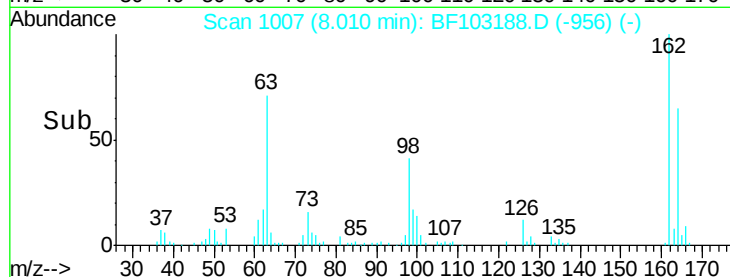
98 40.6 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 8.207 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

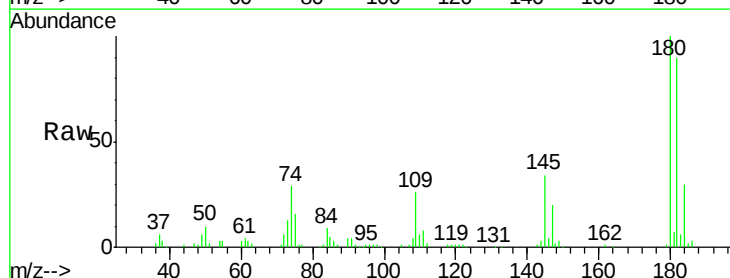
Tgt Ion:180 Resp: 89602

Ion Ratio Lower Upper

180 100

182 90.4 76.8 115.2

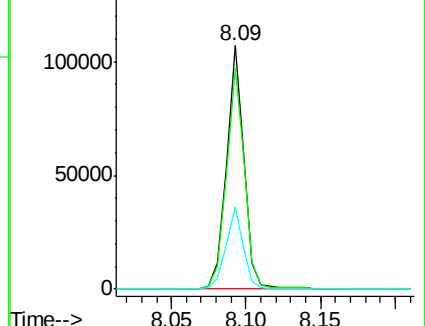
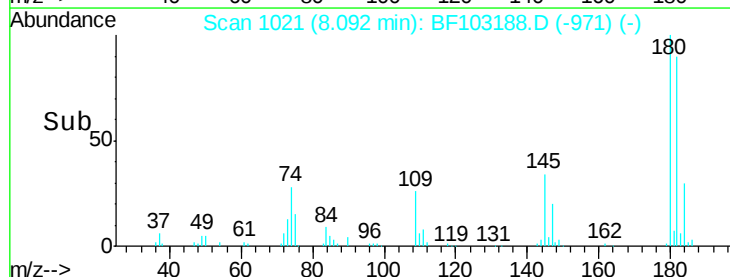
145 33.8 26.5 39.7

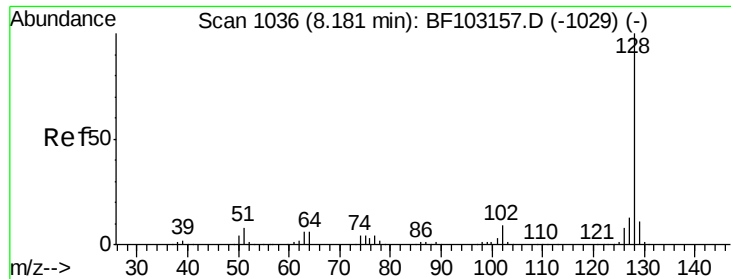


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

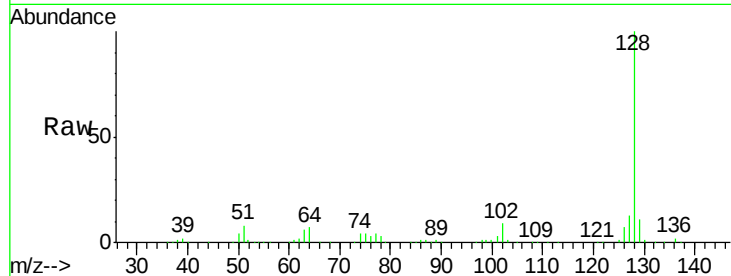




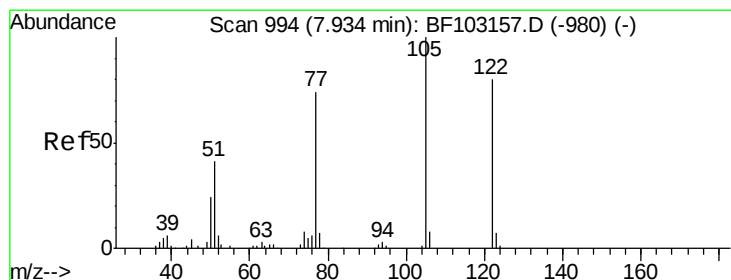
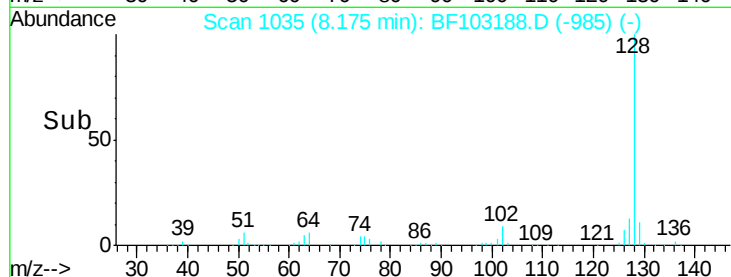
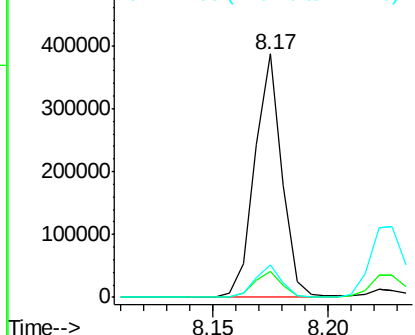
#31
Naphthalene
Concen: 8.437 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 318854
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.9 16.3

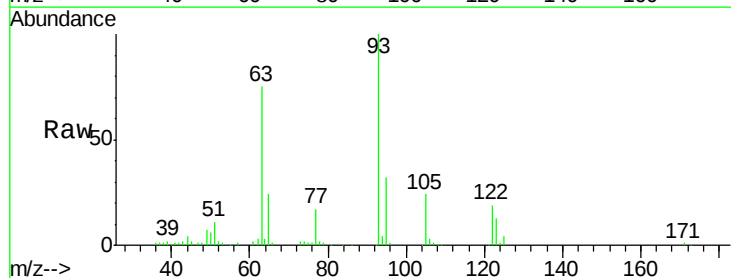


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

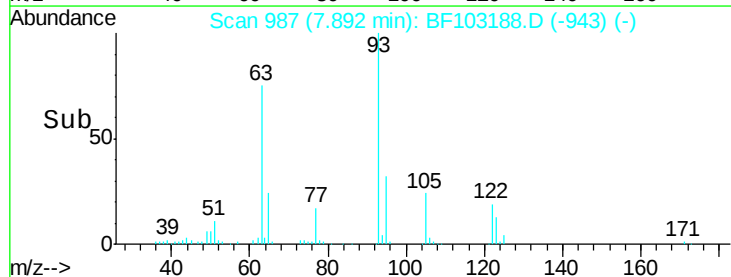
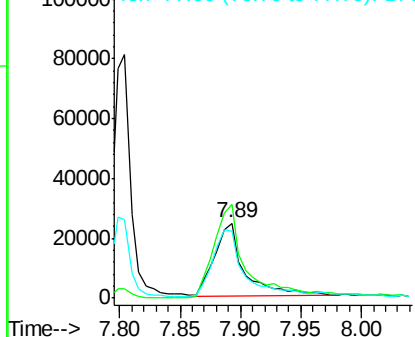


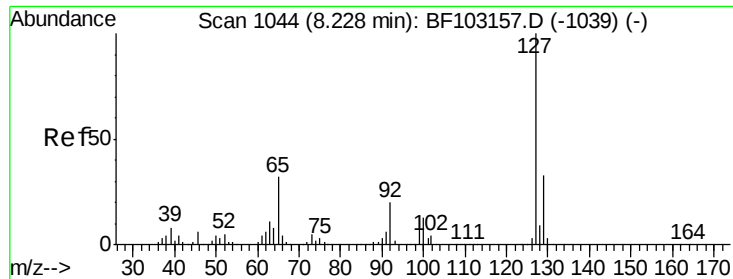
#32
Benzoic acid
Concen: 11.477 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:122 Resp: 42358
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 89.2 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

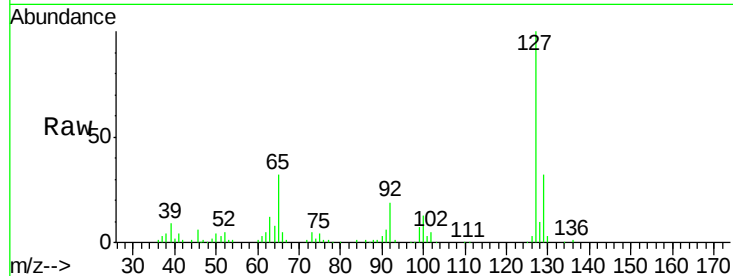




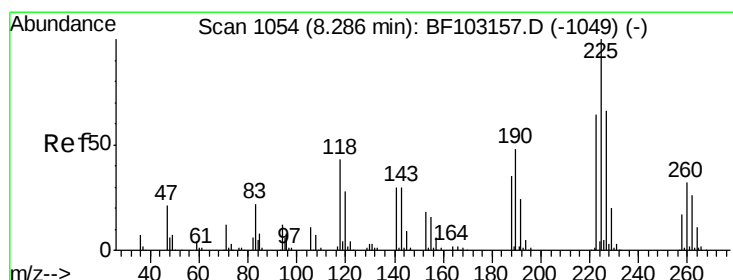
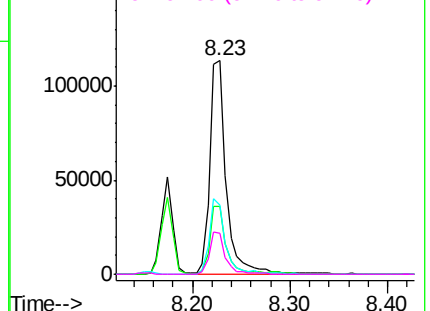
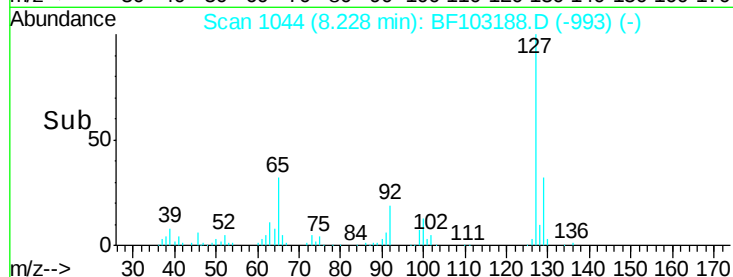
#33
4-Chloroaniline
Concen: 8.194 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	133626
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	32.4	25.0	37.4
92	19.4	15.2	22.8

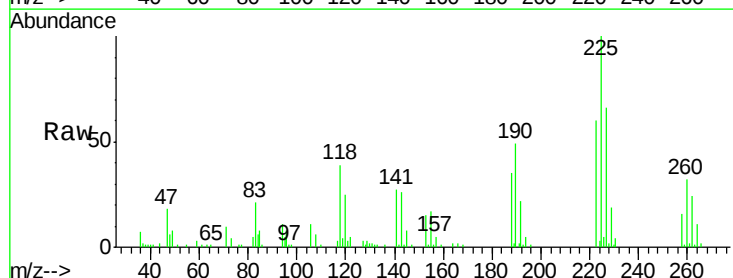


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

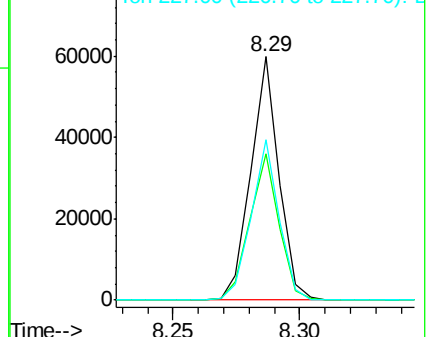
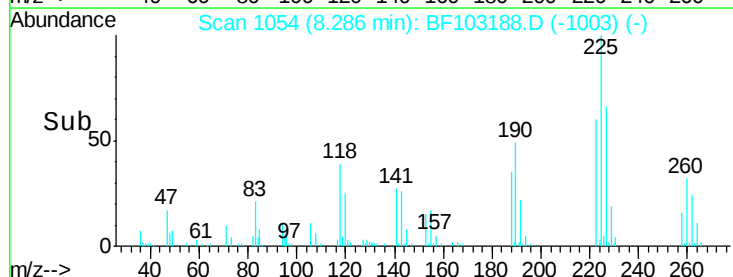


#34
Hexachlorobutadiene
Concen: 8.074 ng
RT: 8.29 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:	225	Resp:	45907
Ion	Ratio	Lower	Upper
225	100		
223	60.0	50.6	76.0
227	65.7	51.9	77.9



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

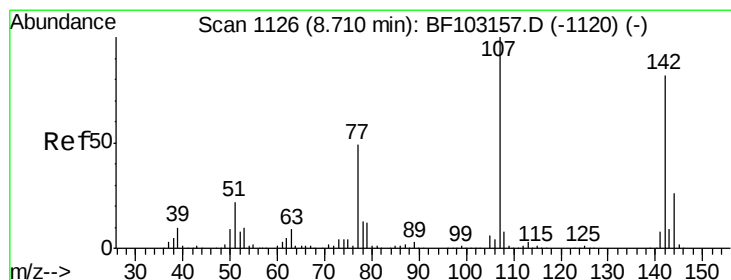
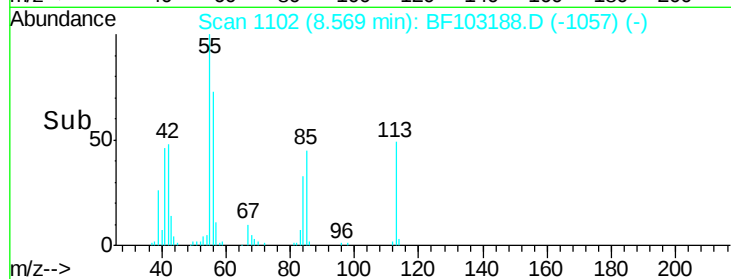
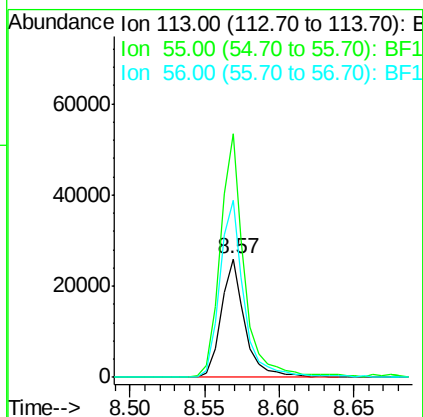
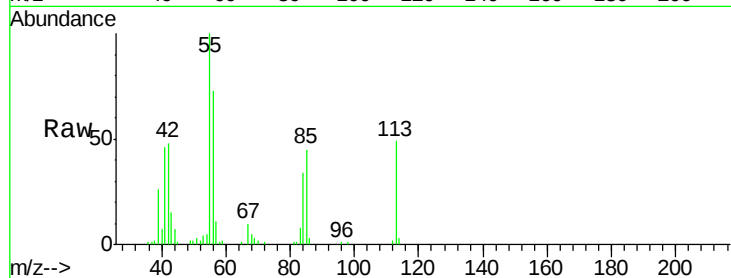




#35
 Caprolactam
 Concen: 8.004 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.04 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

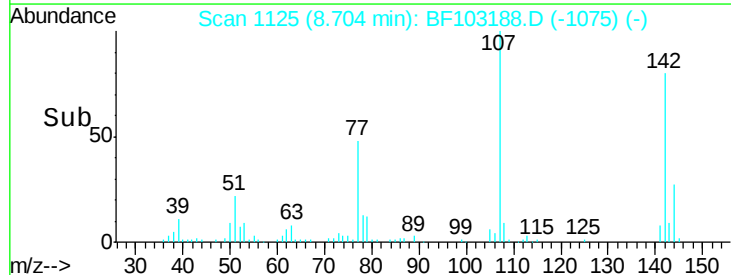
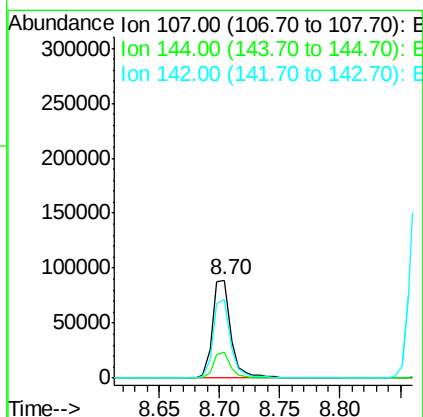
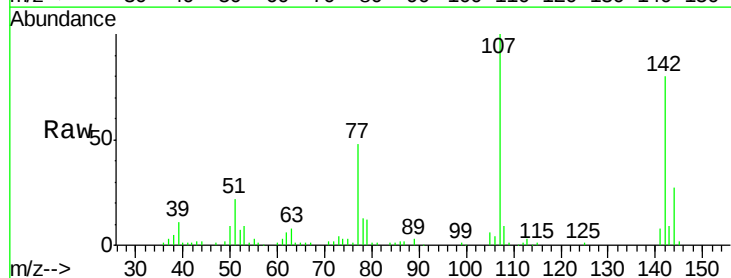
Instrument :
 BNA_F
 ClientSampled :

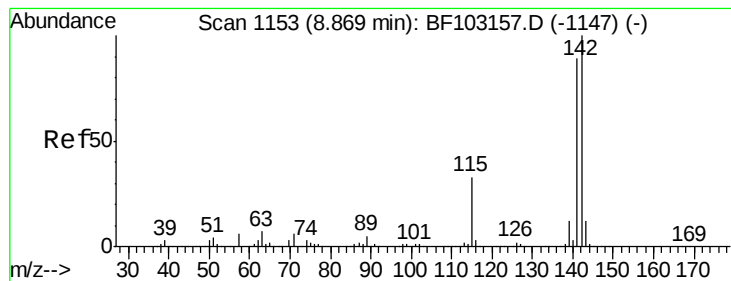
Tot Ion:113 Resp: 28840
 Ion Ratio Lower Upper
 113 100
 55 205.3 163.3 203.3#
 56 149.0 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 8.083 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:107 Resp: 93476
 Ion Ratio Lower Upper
 107 100
 144 26.5 20.5 30.7
 142 80.3 62.0 93.0

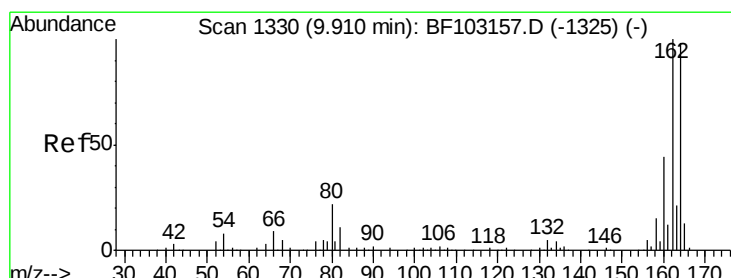
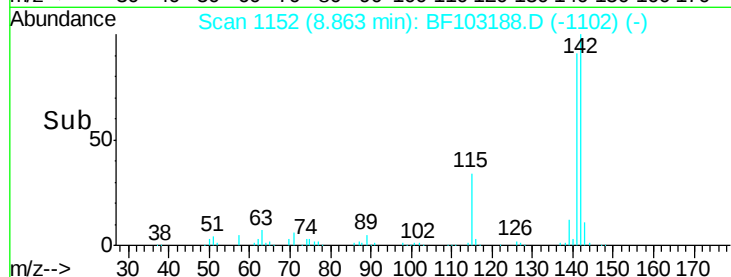
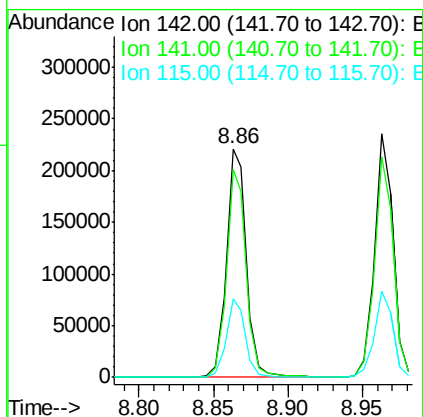
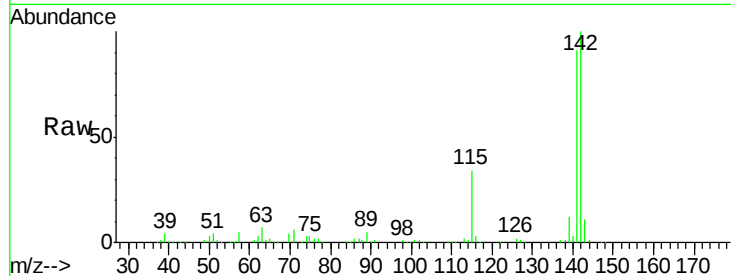




#37
2-Methylnaphthalene
Concen: 8.621 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

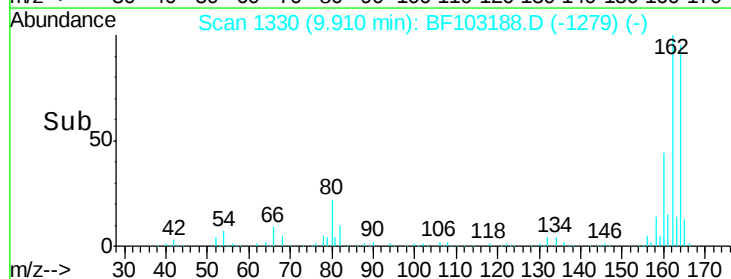
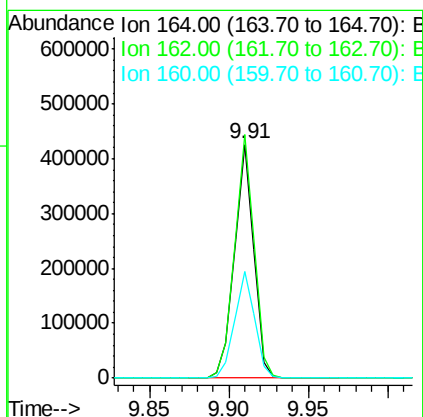
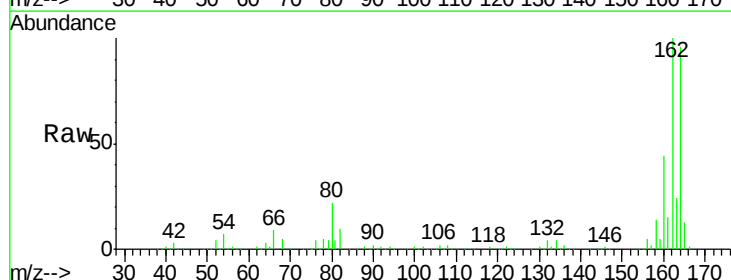
Instrument :
BNA_F
ClientSampleId :

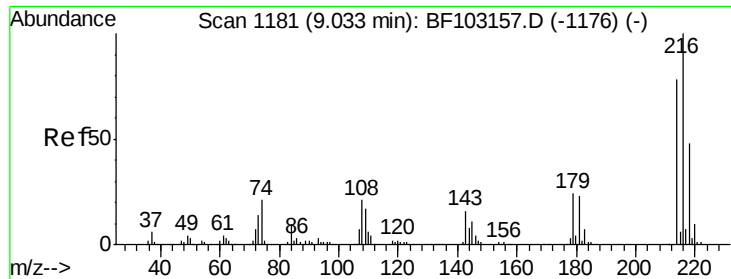
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.8	106.2
115	34.1	26.1	39.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	45.8	38.3	57.5

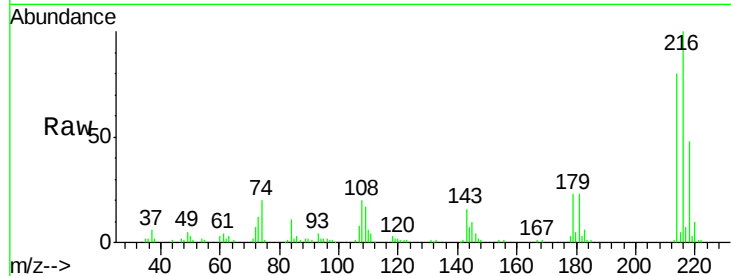




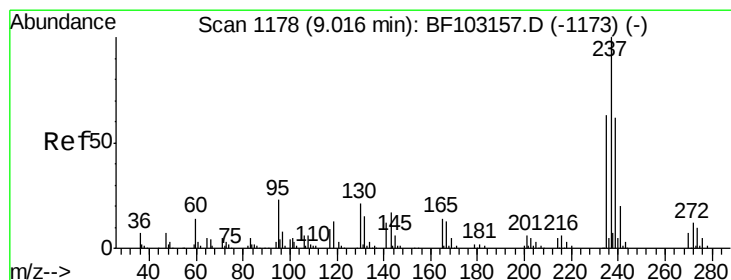
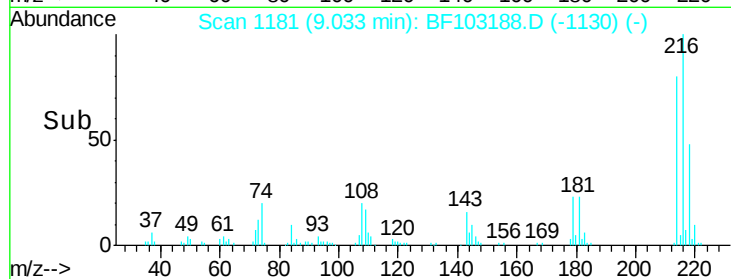
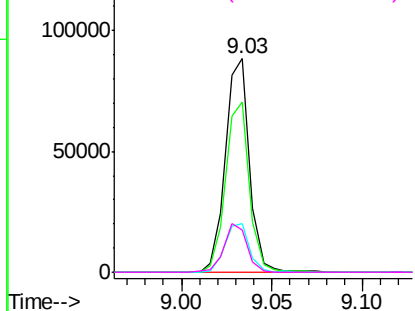
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.272 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	81752
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.0	94.4
179	22.8	18.1	27.1
108	21.9	17.2	25.8

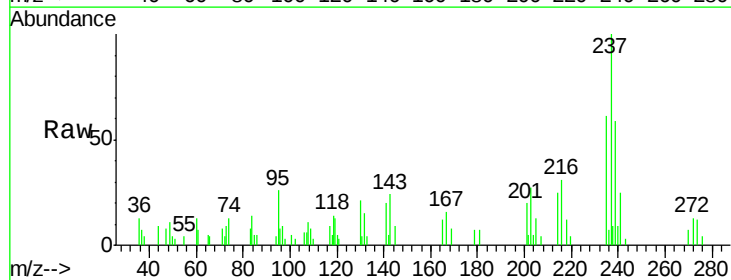


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

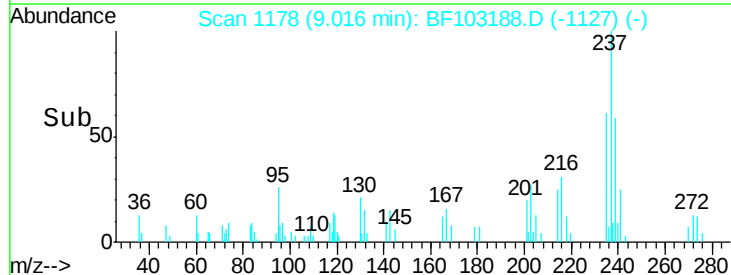
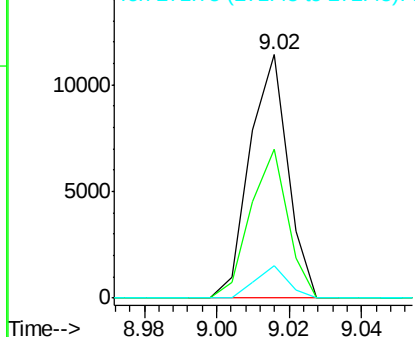


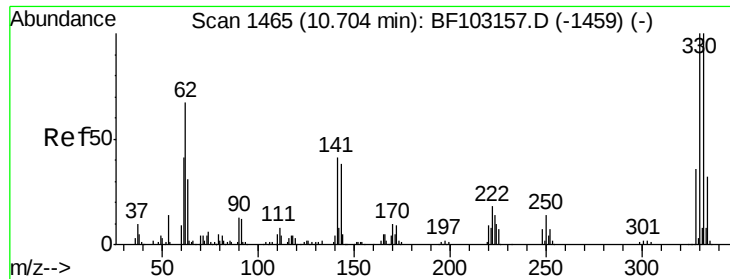
#40
 Hexachlorocyclopentadiene
 Concen: 10.987 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:	237	Resp:	8251
Ion	Ratio	Lower	Upper
237	100		
235	61.3	44.8	84.8
272	13.4	0.0	33.3



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

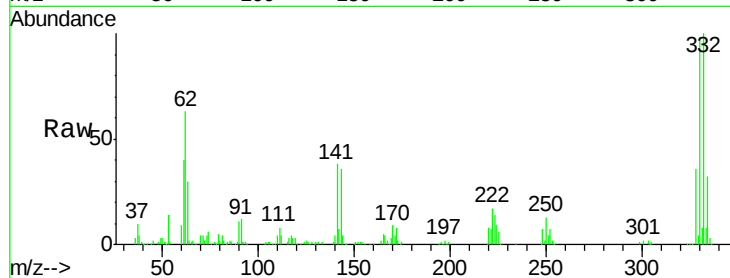




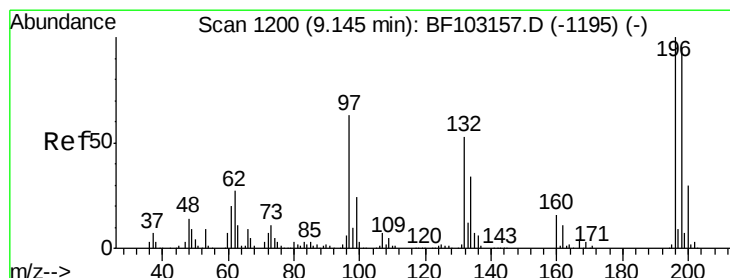
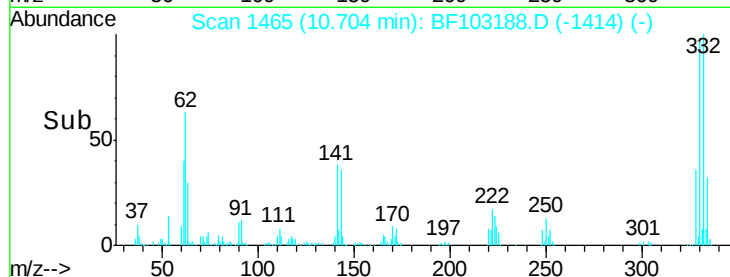
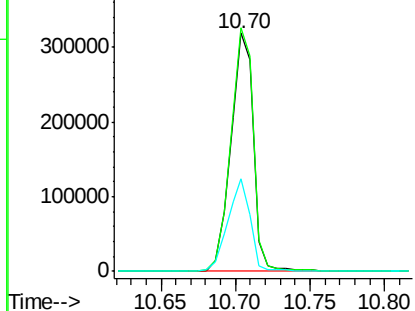
#41
 2,4,6-Tribromophenol
 Concen: 111.676 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 341714
 Ion Ratio Lower Upper
 330 100
 332 103.0 77.0 115.6
 141 38.8 29.9 44.9

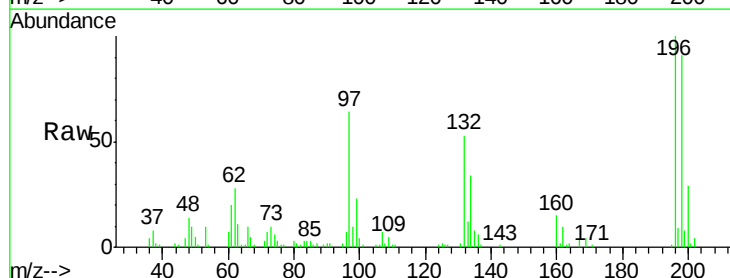


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

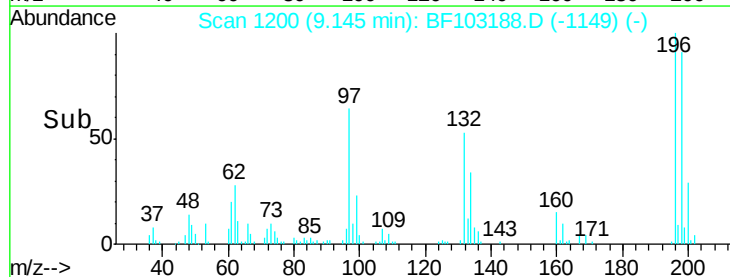
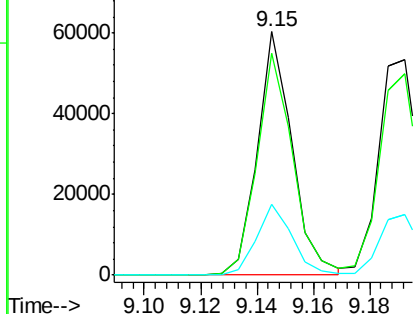


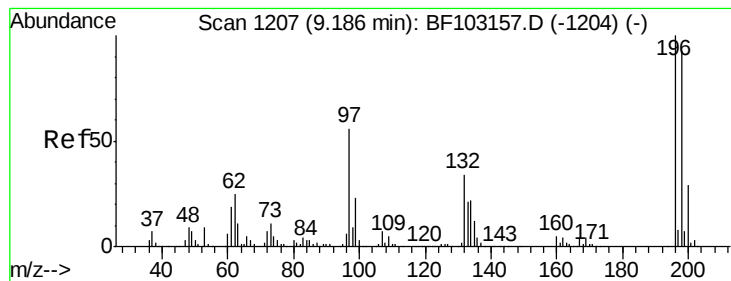
#42
 2,4,6-Trichlorophenol
 Concen: 7.748 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:196 Resp: 51525
 Ion Ratio Lower Upper
 196 100
 198 91.0 75.7 113.5
 200 29.0 24.5 36.7



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





#43

2,4,5-Trichlorophenol

Concen: 8.029 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 61406

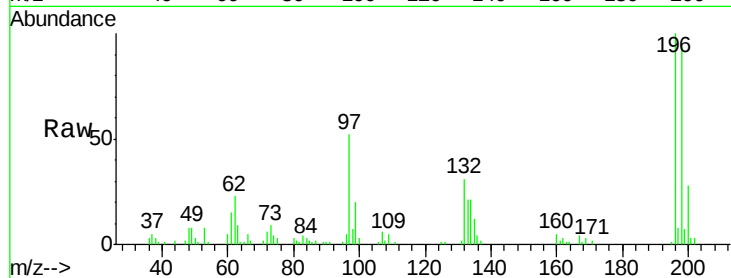
Ion Ratio Lower Upper

196 100

198 94.0 74.6 112.0

97 52.2 42.9 64.3

132 31.3 26.3 39.5

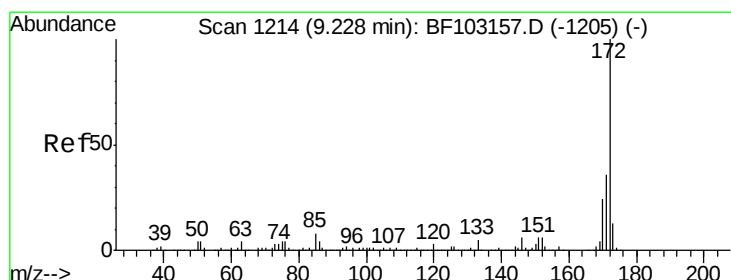
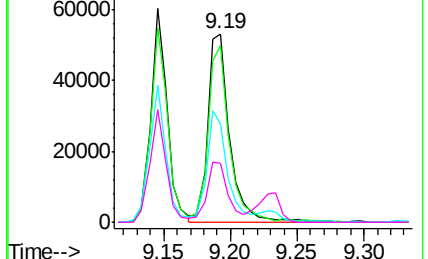
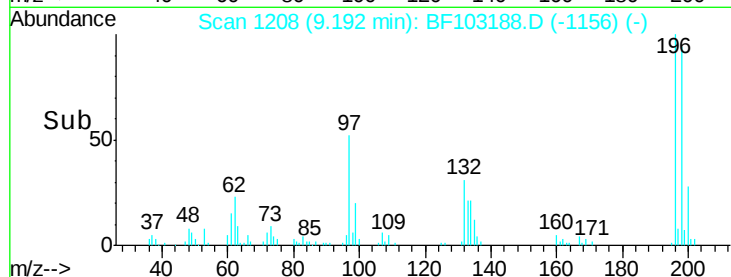


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 83.724 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

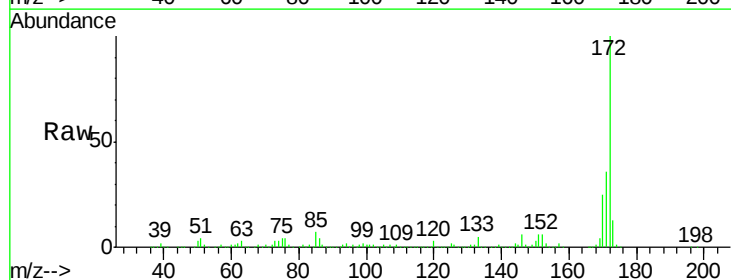
Tgt Ion:172 Resp: 1763495

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

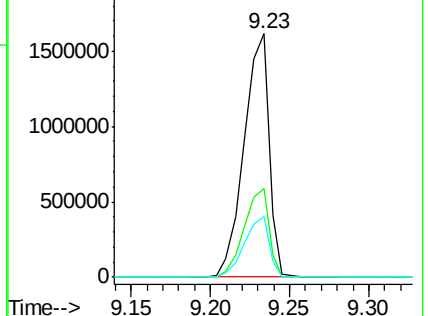
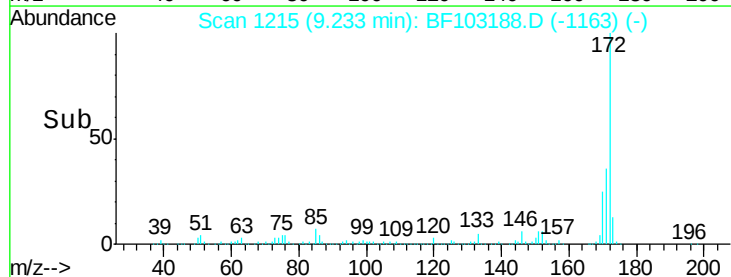
170 24.7 19.6 29.4

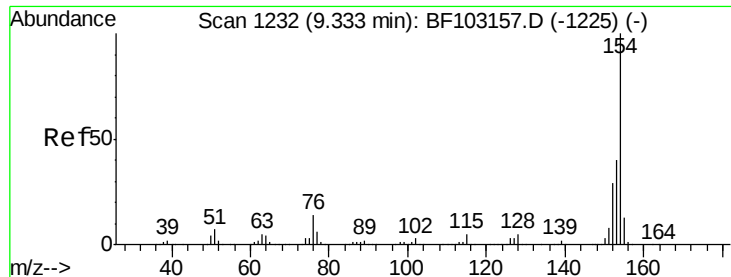


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

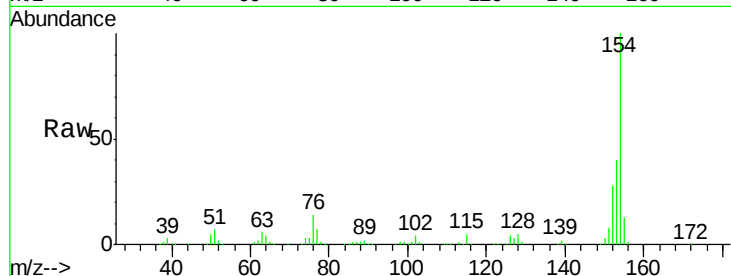




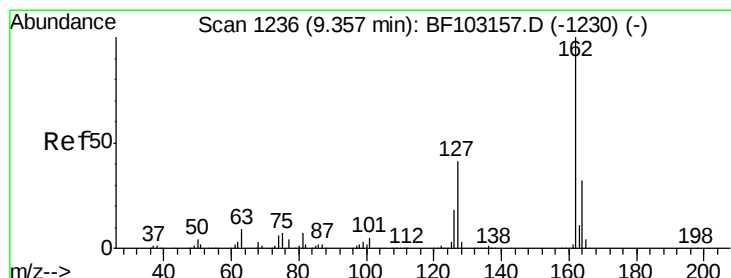
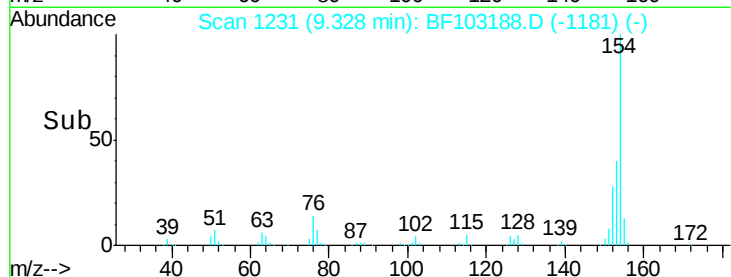
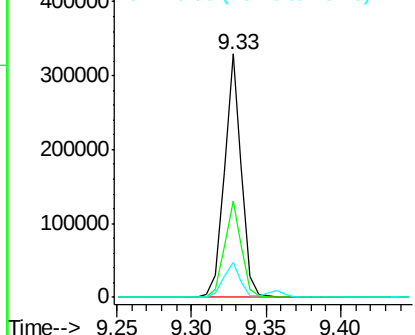
#45
 1,1'-Biphenyl
 Concen: 8.724 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	14.3	0.0	34.0

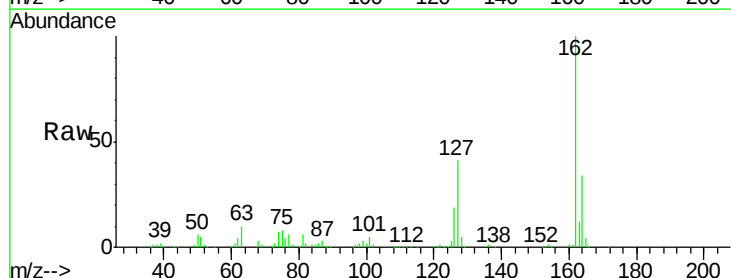


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

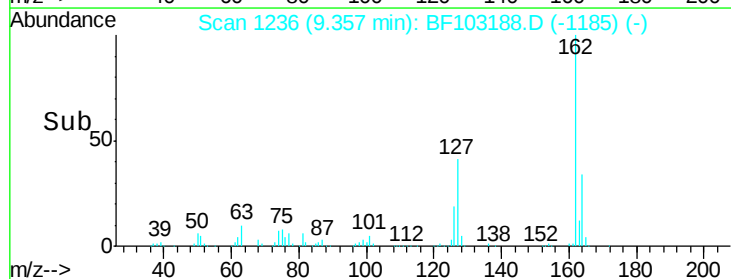
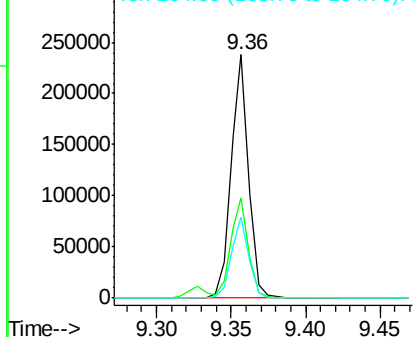


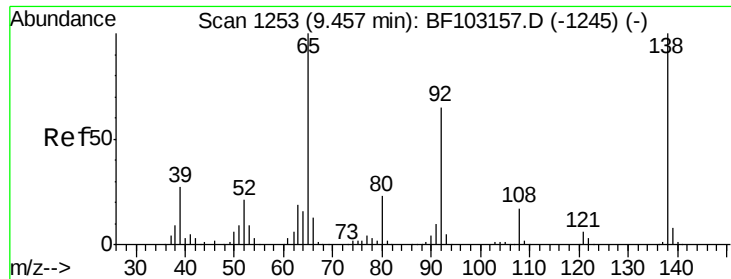
#46
 2-Chloronaphthalene
 Concen: 8.217 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	33.9	50.9
164	33.5	26.5	39.7



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

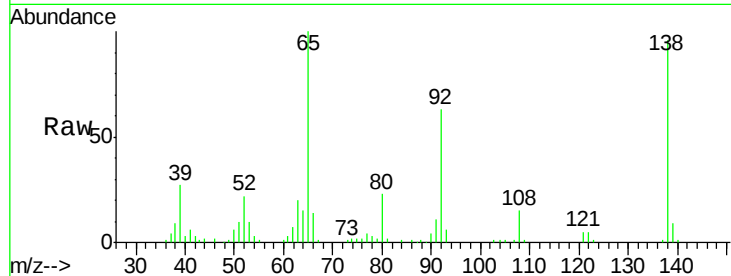




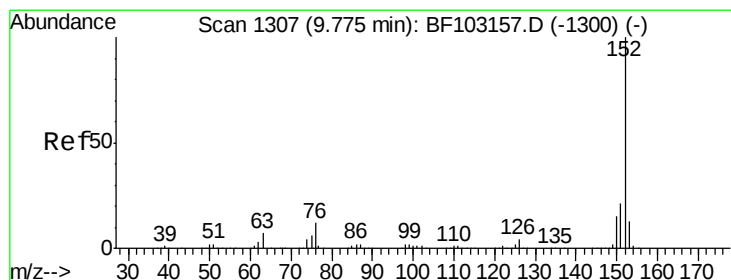
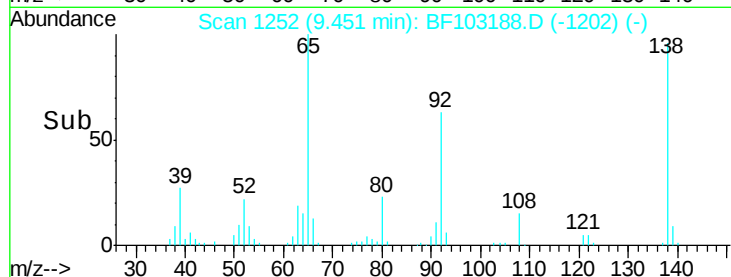
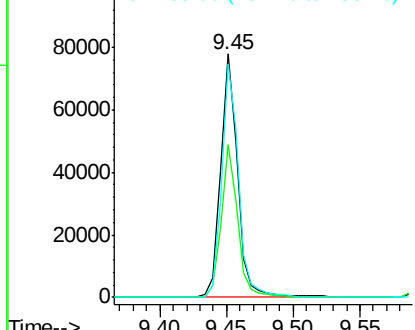
#47
2-Nitroaniline
Concen: 7.919 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleID :

Tot Ion: 65 Resp: 70301
Ion Ratio Lower Upper
65 100
92 62.9 55.8 83.6
138 95.9 91.2 136.8

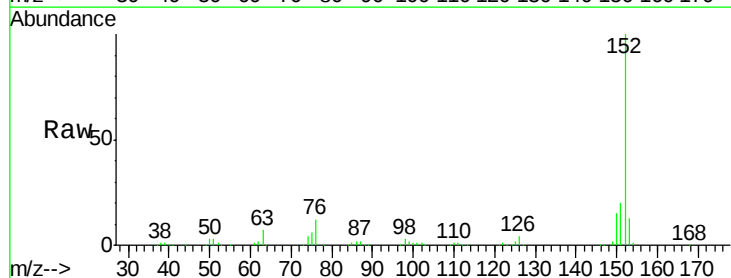


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

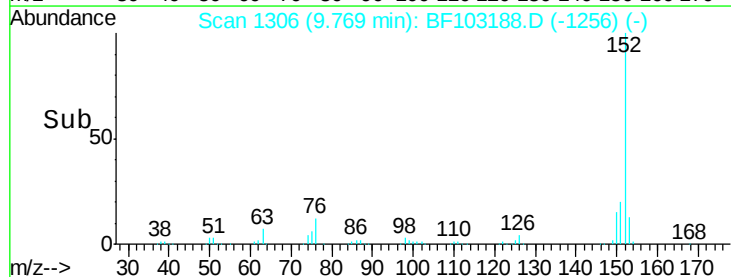
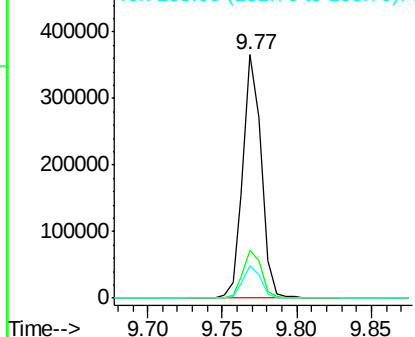


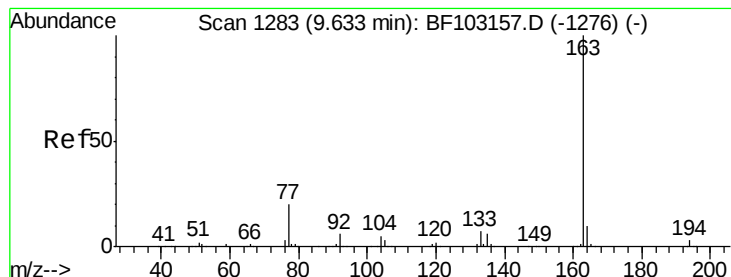
#48
Acenaphthylene
Concen: 8.512 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion: 152 Resp: 313876
Ion Ratio Lower Upper
152 100
151 19.6 16.3 24.5
153 13.2 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): BF1
Ion 151.00 (150.70 to 151.70): BF1
Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 8.162 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

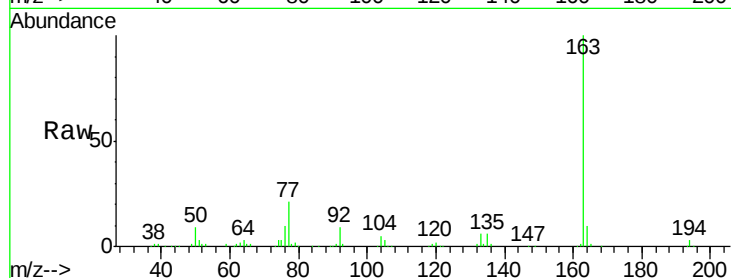
Tot Ion:163 Resp: 236707

Ion Ratio Lower Upper

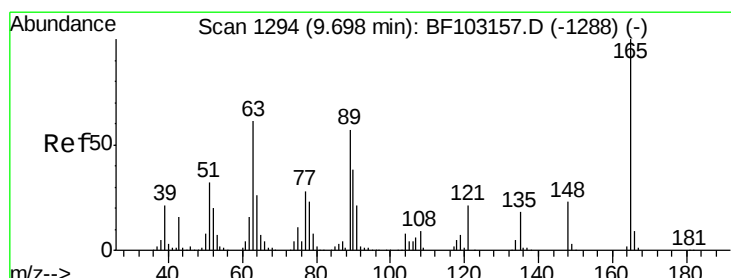
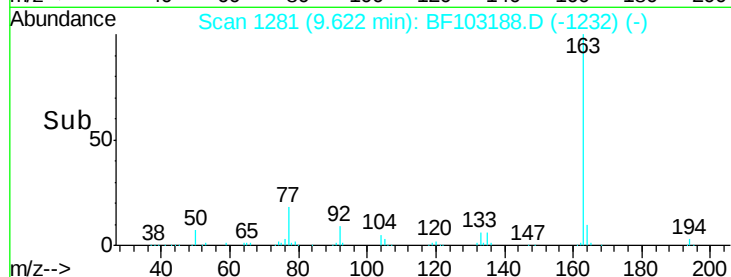
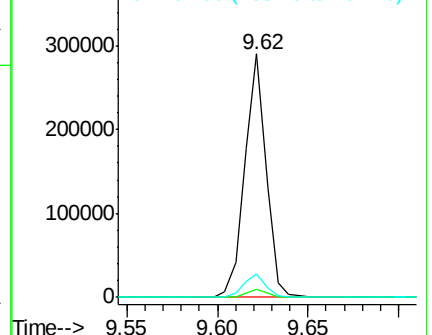
163 100

194 3.2 2.7 4.1

164 9.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.984 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

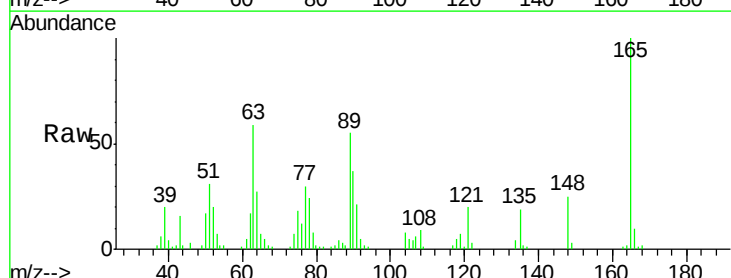
Tgt Ion:165 Resp: 48590

Ion Ratio Lower Upper

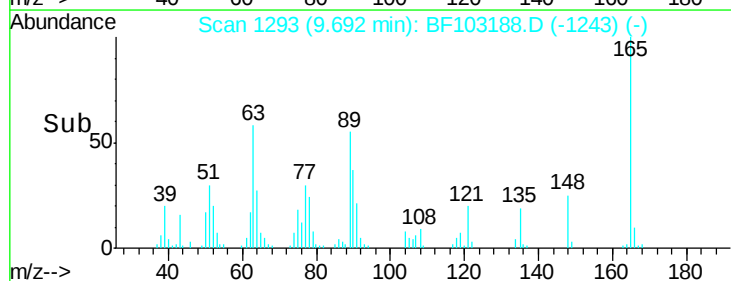
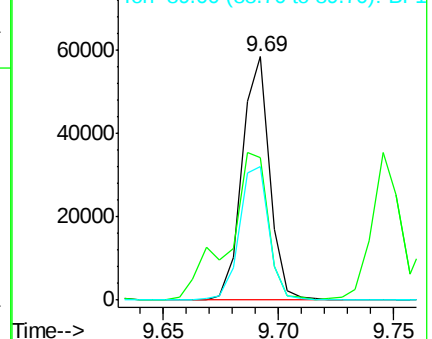
165 100

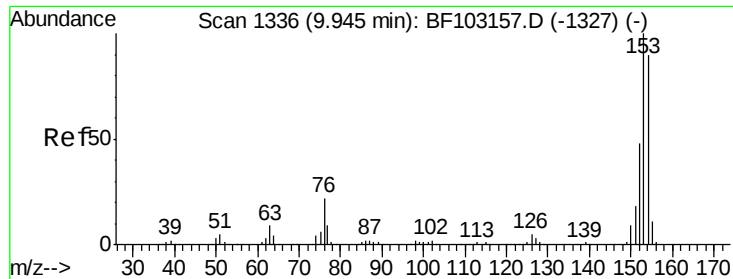
63 58.5 44.7 67.1

89 55.0 44.0 66.0



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





#51

Acenaphthene

Concen: 8.649 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

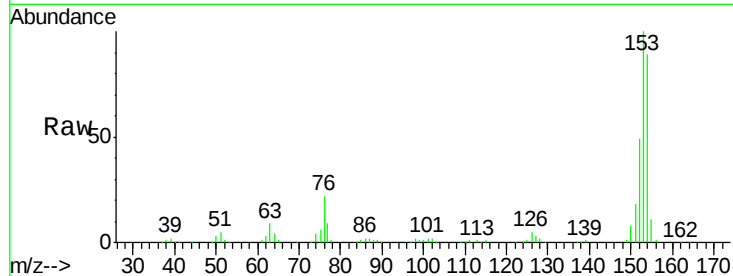
Tot Ion:154 Resp: 185955

Ion Ratio Lower Upper

154 100

153 111.9 91.2 136.8

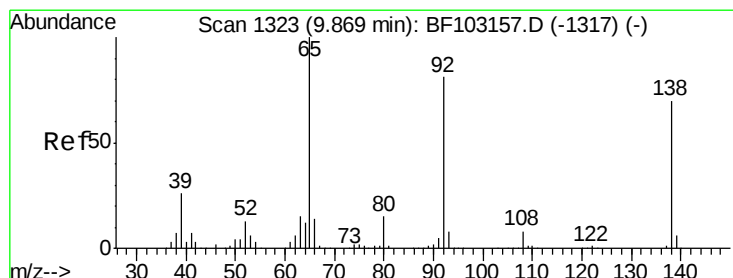
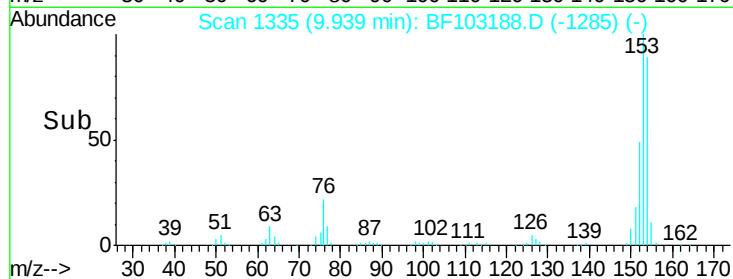
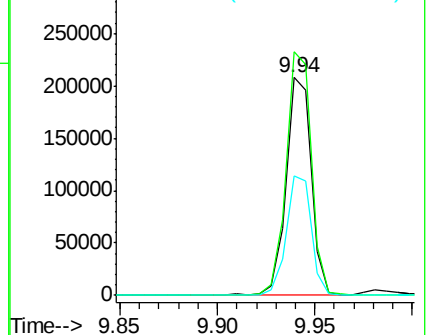
152 54.6 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.664 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

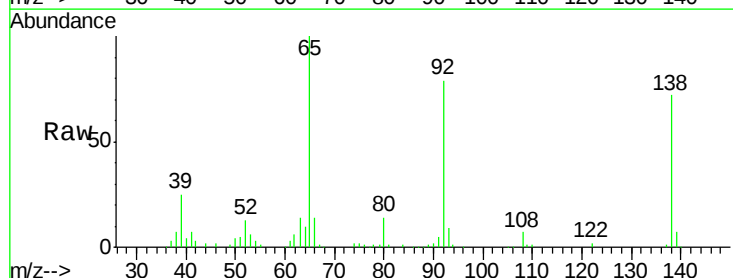
Tgt Ion:138 Resp: 59175

Ion Ratio Lower Upper

138 100

108 9.7 9.4 14.0

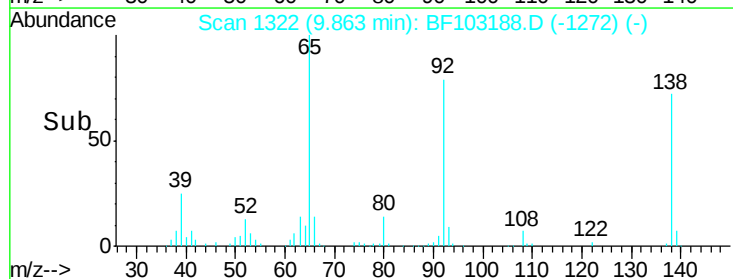
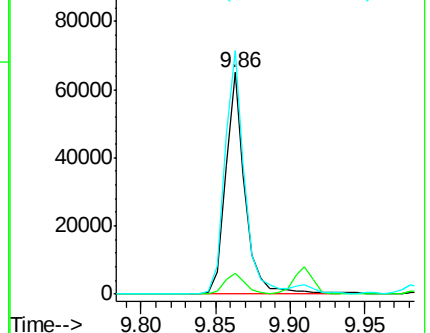
92 109.8 89.4 134.2



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

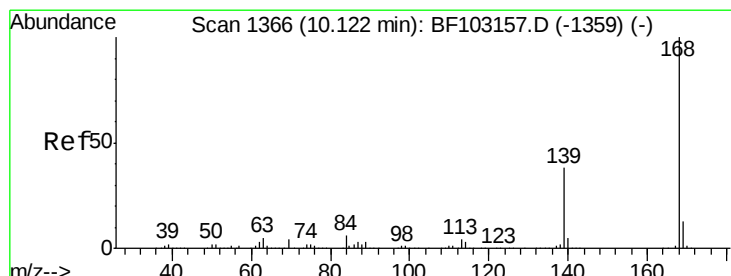
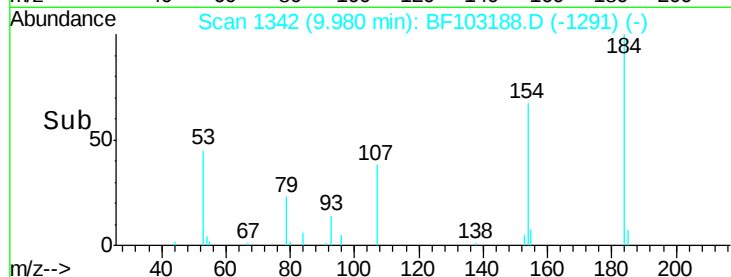
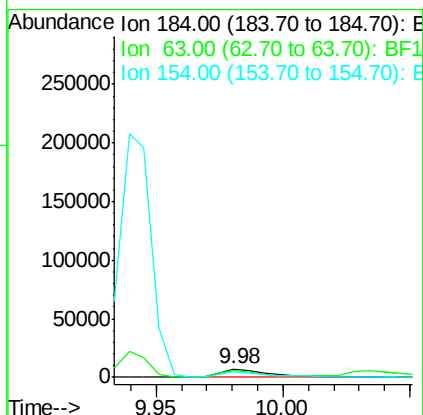
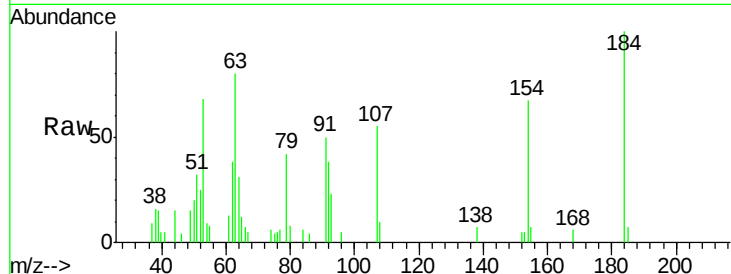




#53
2,4-Dinitrophenol
Concen: 13.183 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

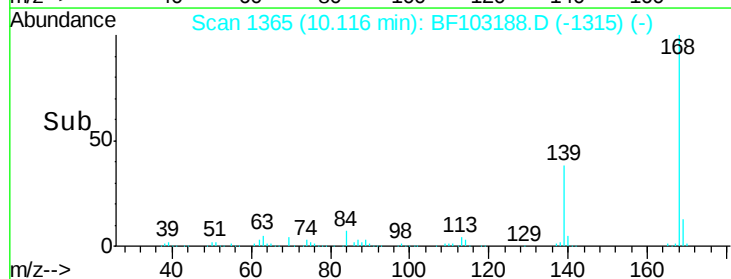
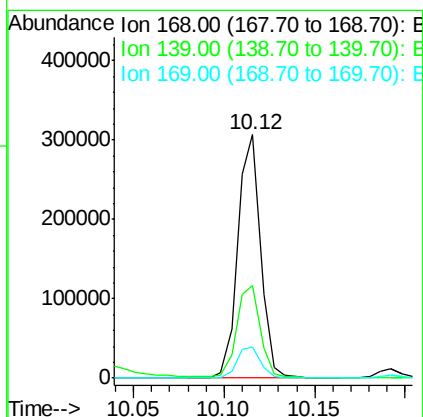
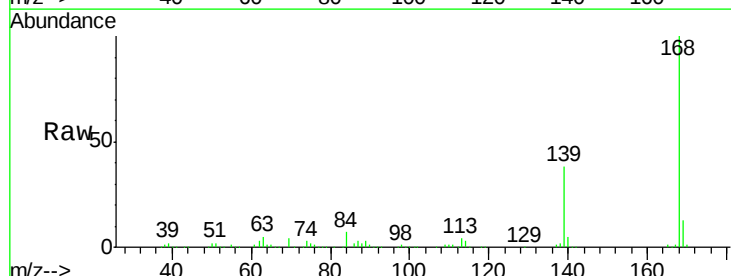
Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 8900
Ion Ratio Lower Upper
184 100
63 79.6 54.2 81.2
154 67.5 184.0 276.0#



#54
Dibenzofuran
Concen: 9.077 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:168 Resp: 267901
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 13.0 10.9 16.3

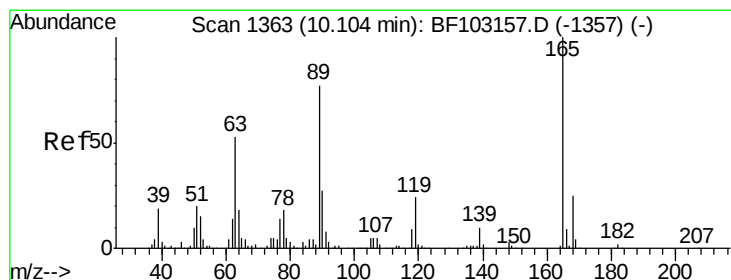
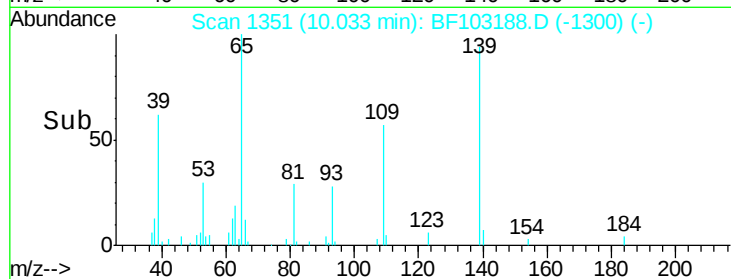
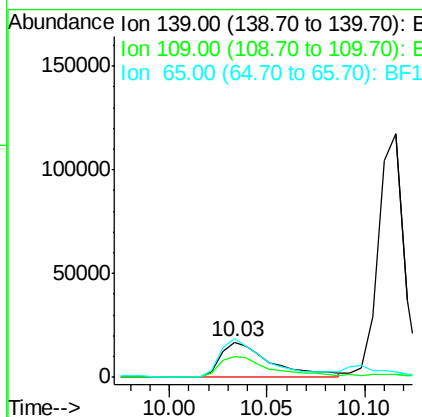
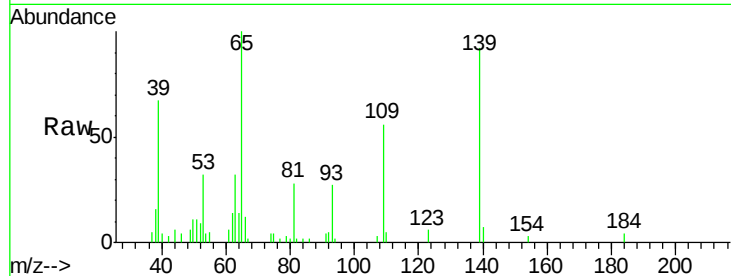




#55
4-Nitrophenol
Concen: 6.220 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

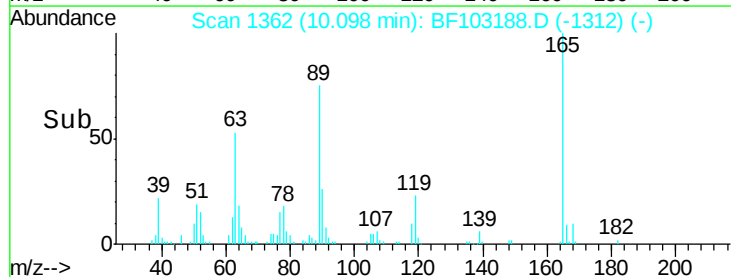
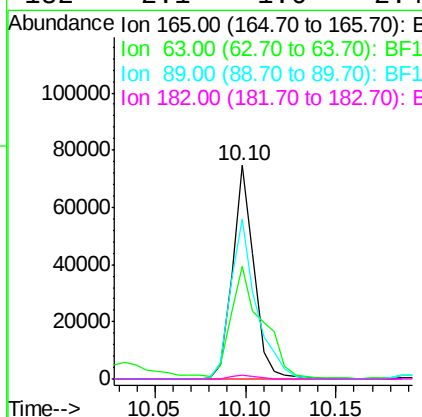
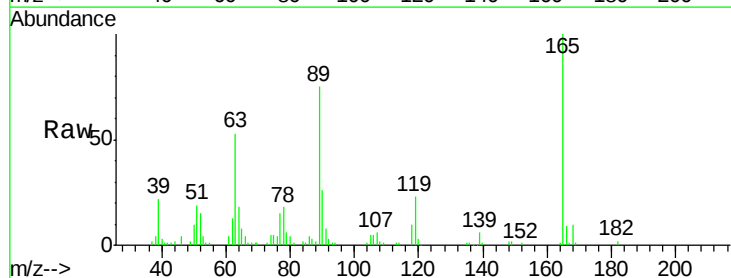
Instrument :
BNA_F
ClientSampleId :

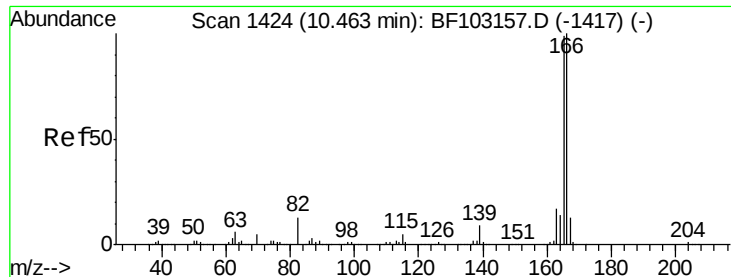
Tot Ion:139 Resp: 29767
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 108.6 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 8.055 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:165 Resp: 61998
Ion Ratio Lower Upper
165 100
63 52.9 36.4 54.6
89 75.1 57.8 86.6
182 2.1 1.6 2.4

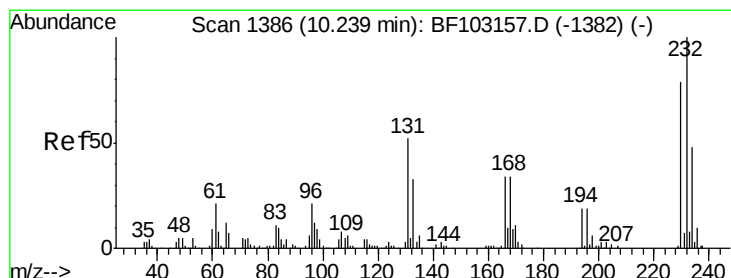
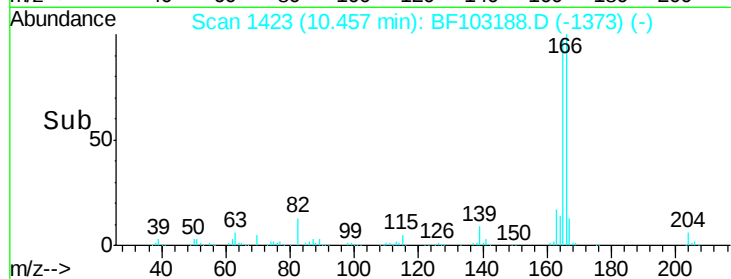
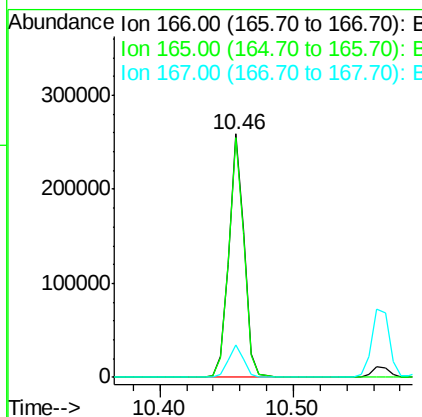
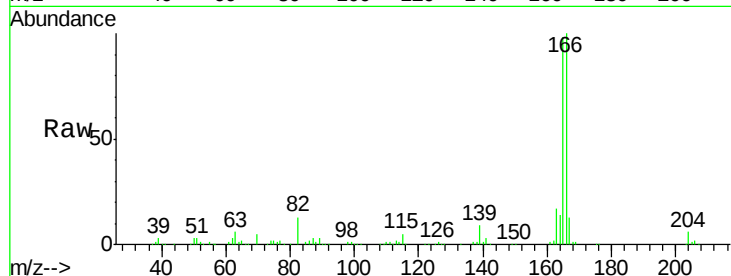




#57
 Fluorene
 Concen: 8.346 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

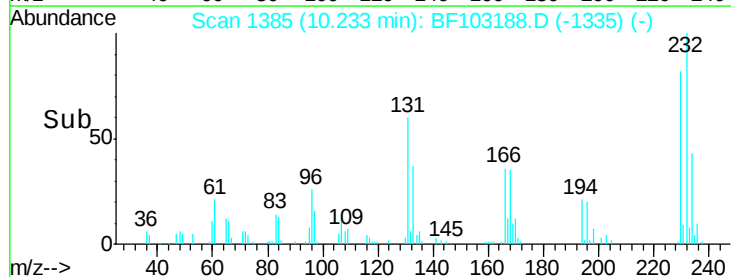
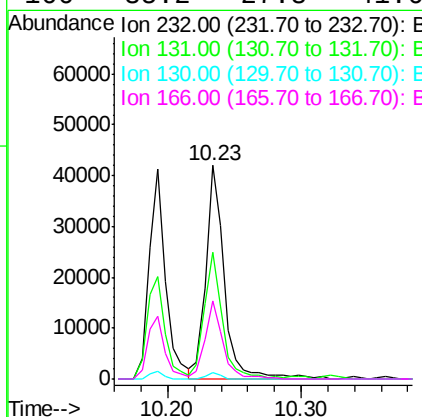
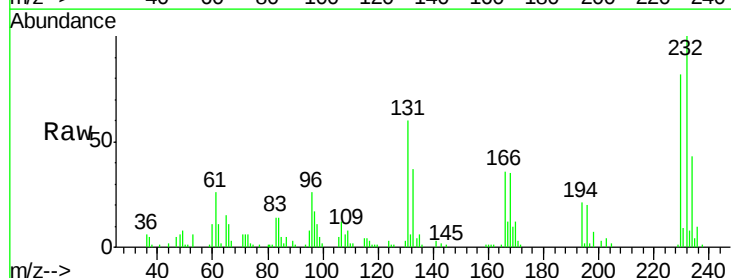
Instrument :
 BNA_F
 ClientSampleId :

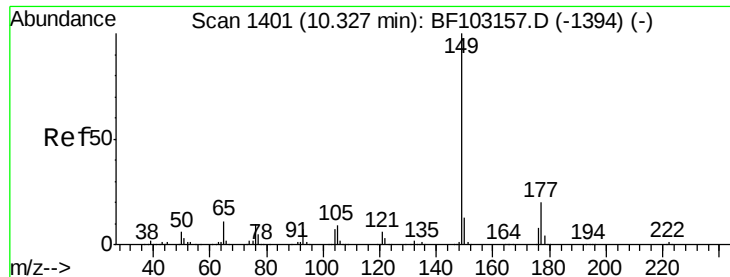
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.967 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.1	43.8	65.8
130	2.2	2.1	3.1
166	35.2	27.8	41.6

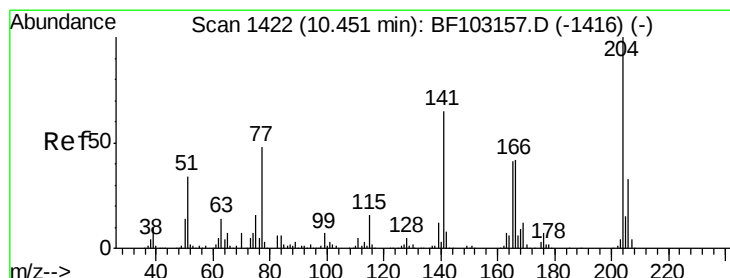
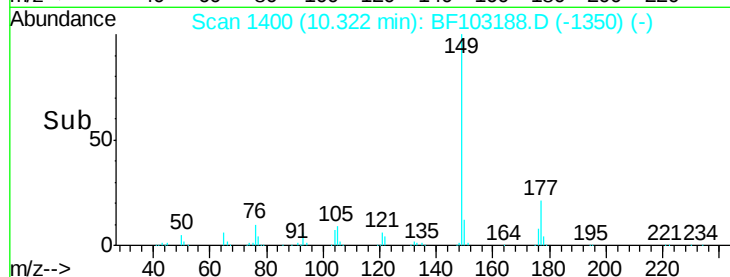
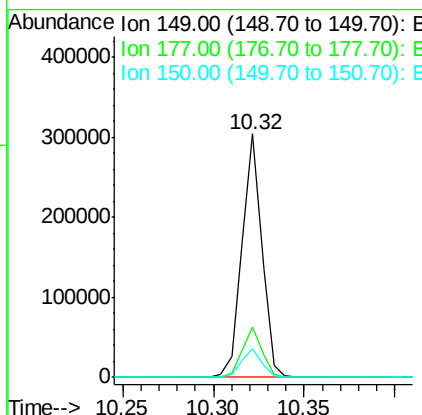
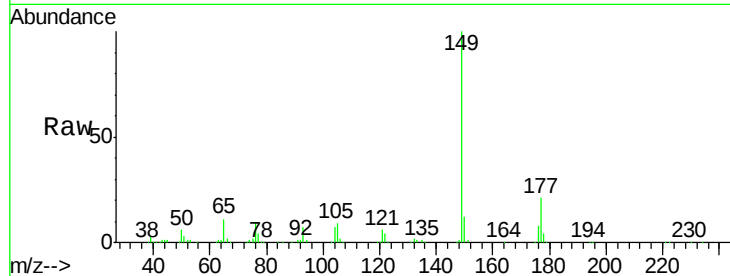




#59
Diethylphthalate
Concen: 8.361 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

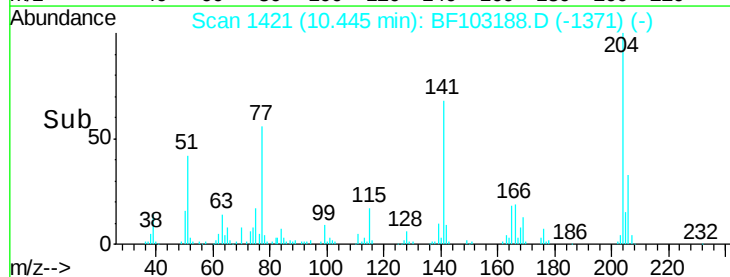
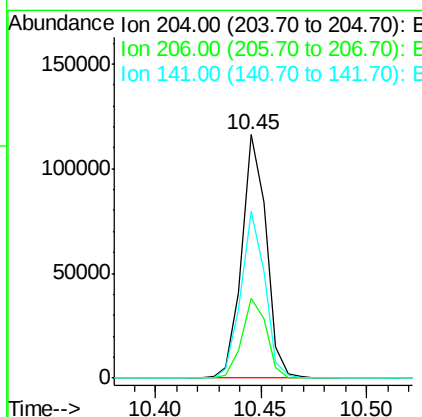
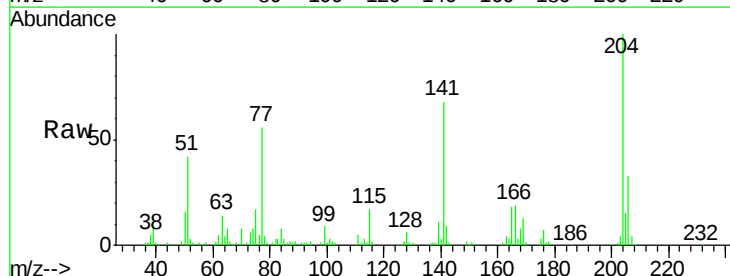
Instrument :
BNA_F
ClientSampleId :

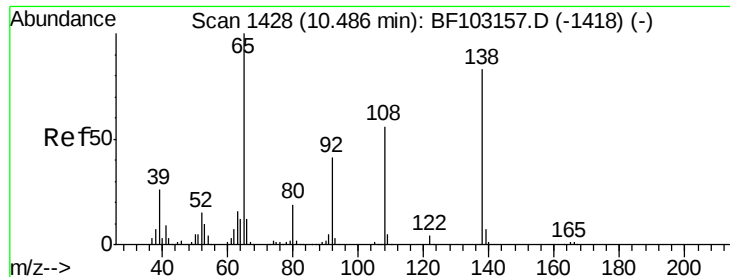
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.1	24.1
150	11.9	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 8.727 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	68.5	54.6	81.8

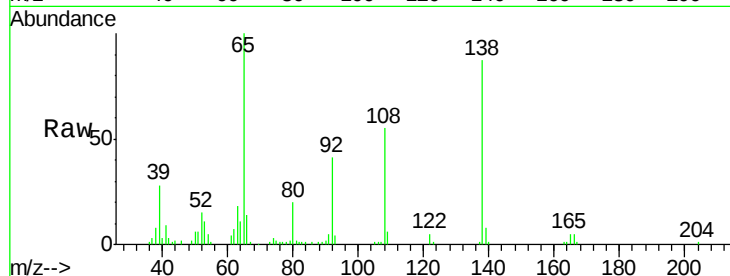




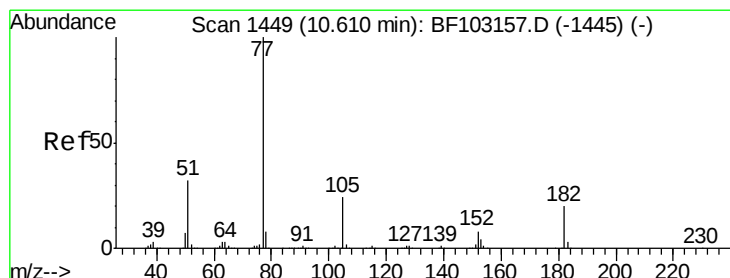
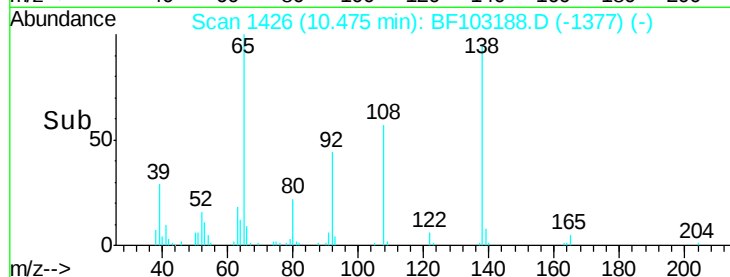
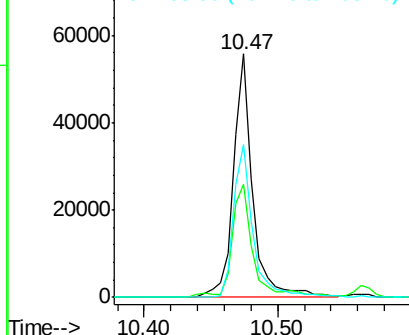
#61
4-Nitroaniline
Concen: 7.366 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 56810
Ion Ratio Lower Upper
138 100
92 46.4 30.2 70.2
108 62.9 52.5 92.5

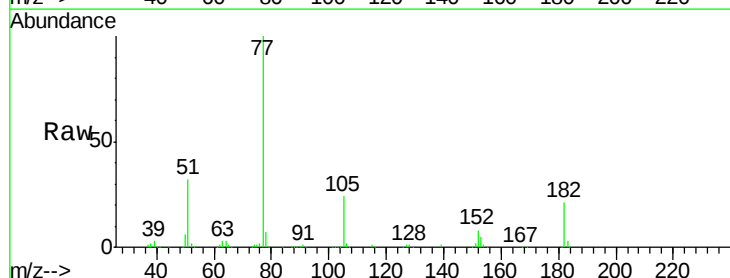


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

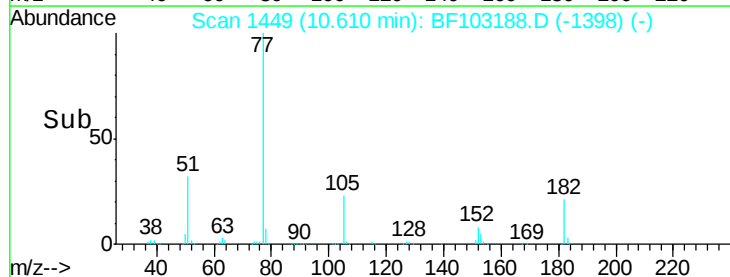
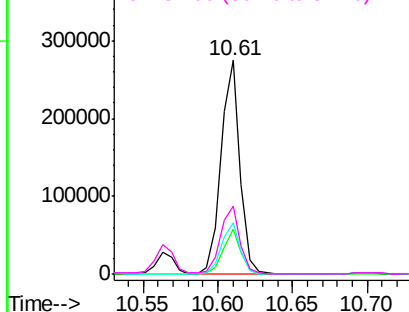


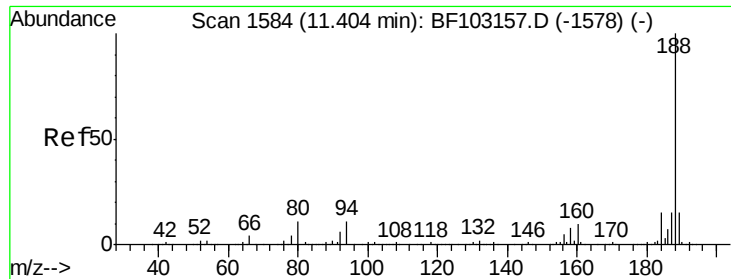
#62
Azobenzene
Concen: 8.671 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion: 77 Resp: 244804
Ion Ratio Lower Upper
77 100
182 20.8 1.7 41.7
105 23.9 3.0 43.0
51 32.0 9.9 49.9



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

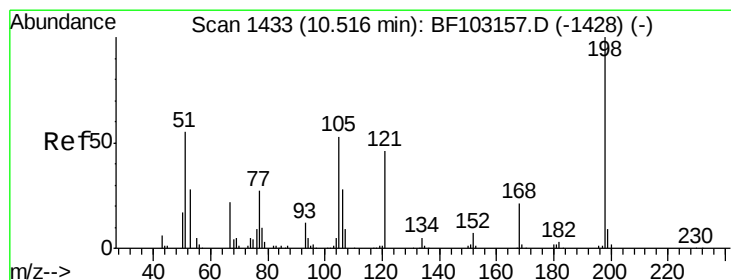
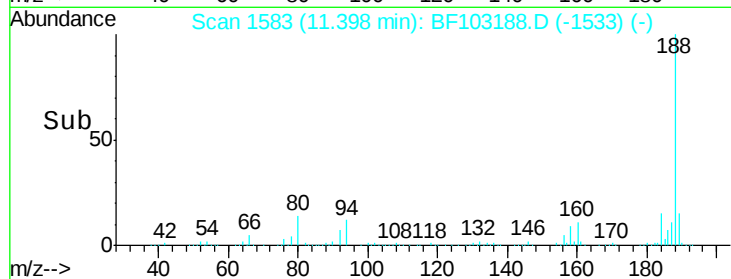
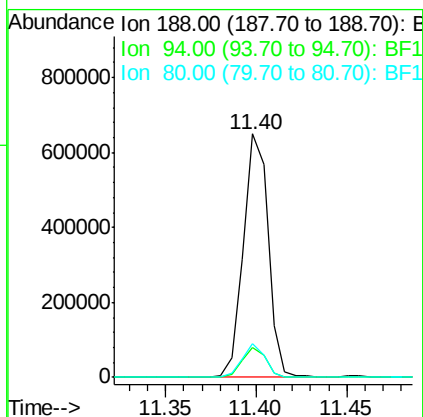
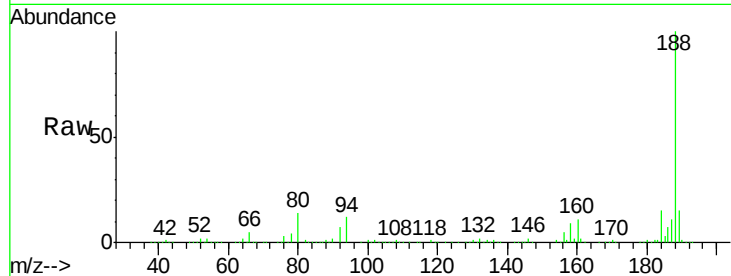




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

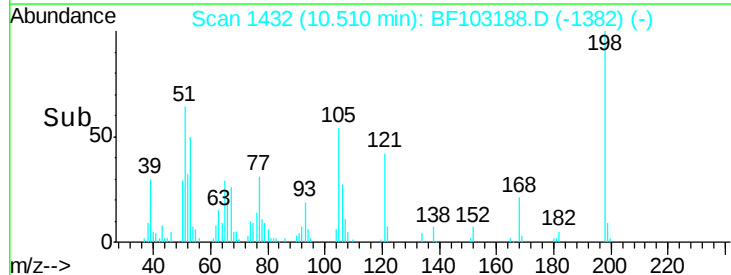
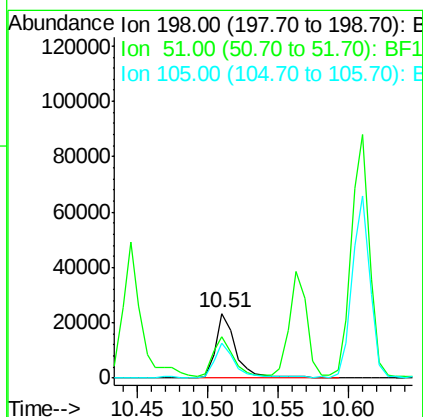
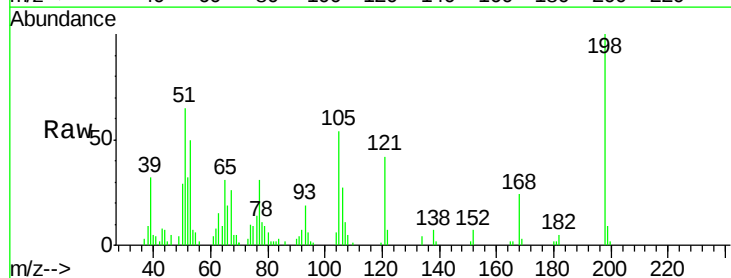
Instrument :
 BNA_F
 ClientSampleId :

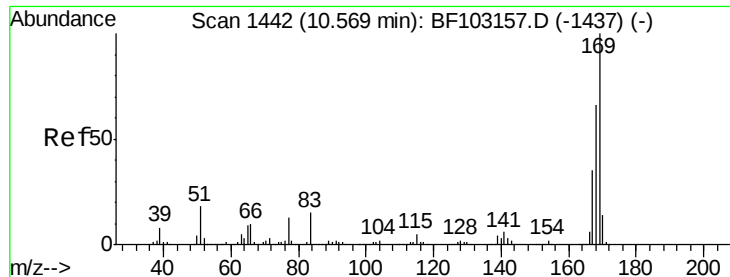
Tot Ion:188 Resp: 621081
 Ion Ratio Lower Upper
 188 100
 94 12.4 8.5 12.7
 80 13.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 10.434 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:198 Resp: 23125
 Ion Ratio Lower Upper
 198 100
 51 65.1 37.7 77.7
 105 54.3 36.3 76.3

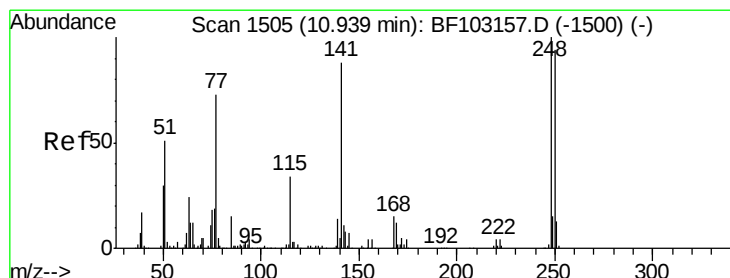
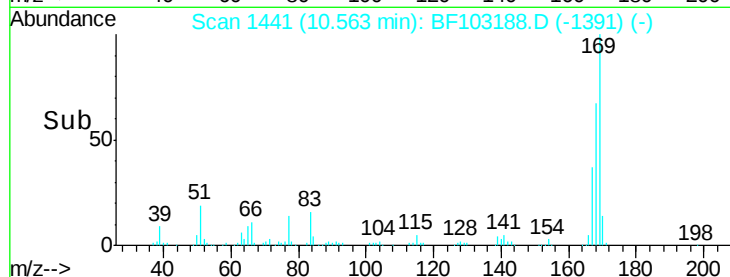
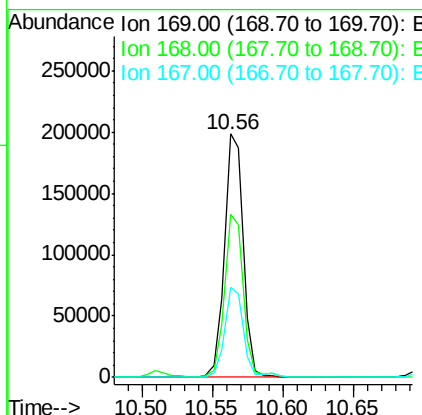
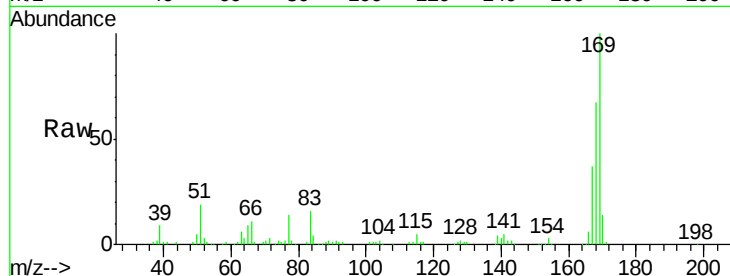




#65
 n-Nitrosodiphenylamine
 Concen: 8.474 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

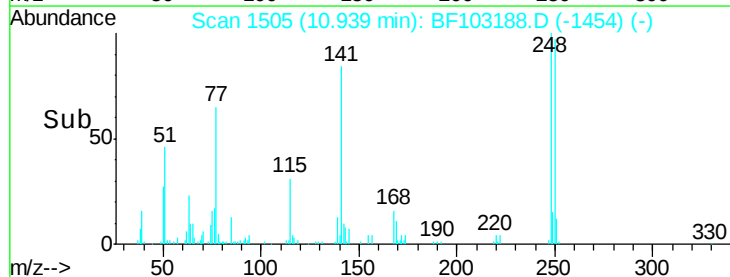
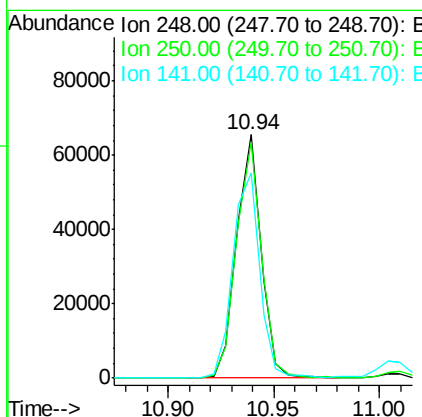
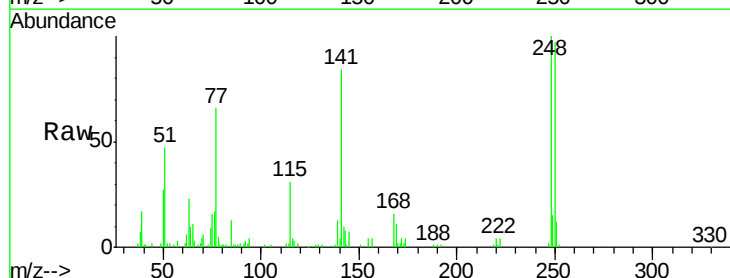
Instrument :
 BNA_F
 ClientSampleId :

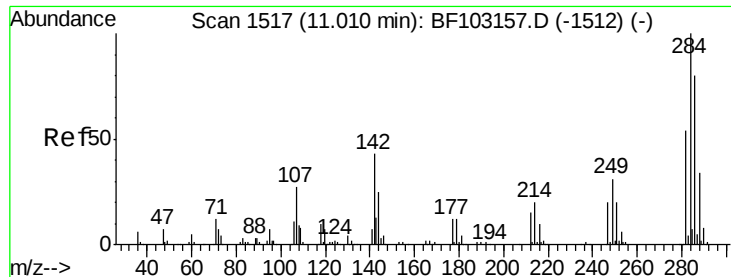
Tot Ion	169	Resp	183254
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	66.8		
167	36.8		



#66
 4-Bromophenyl-phenylether
 Concen: 8.124 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion	248	Resp	52559
Ion Ratio	100		
Lower	76.9		
Upper	115.3		
250	96.7		
141	84.3		

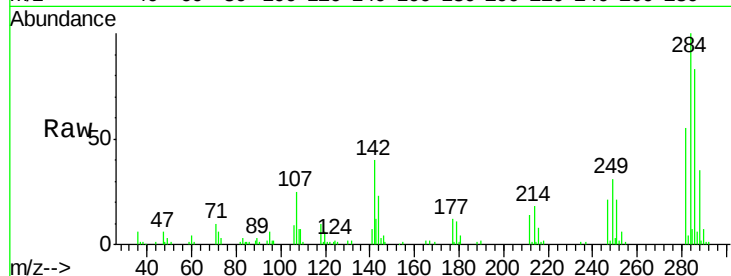




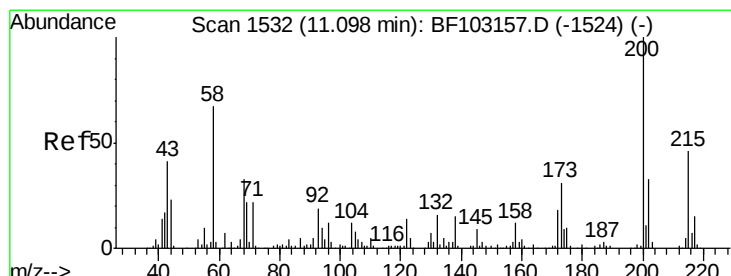
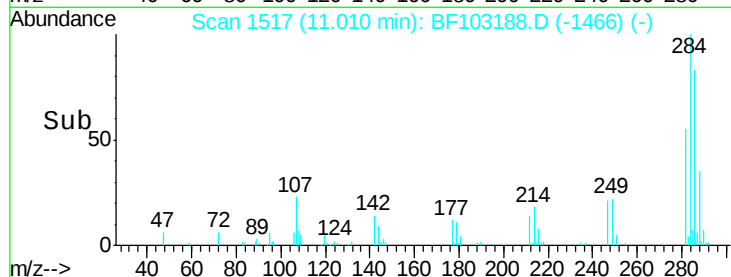
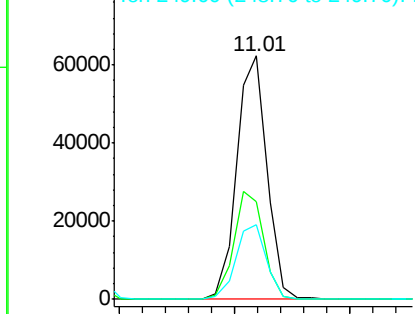
#67
Hexachlorobenzene
Concen: 8.068 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 56654
Ion Ratio Lower Upper
284 100
142 39.9 34.6 52.0
249 30.8 24.8 37.2

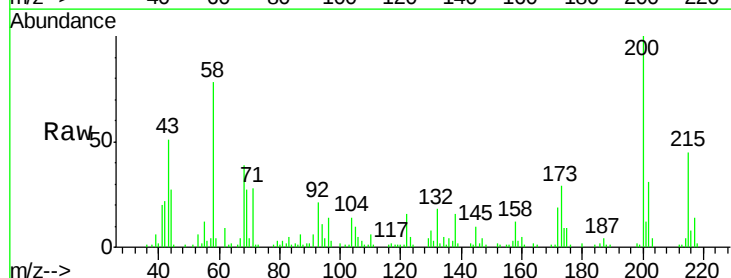


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

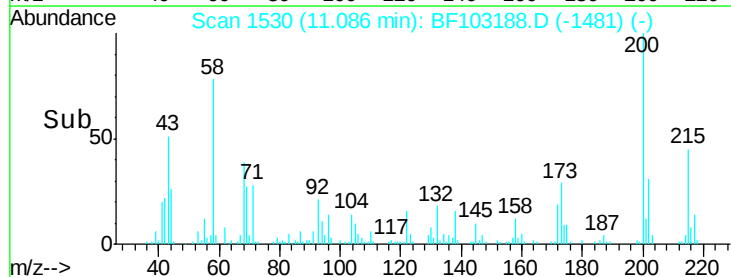
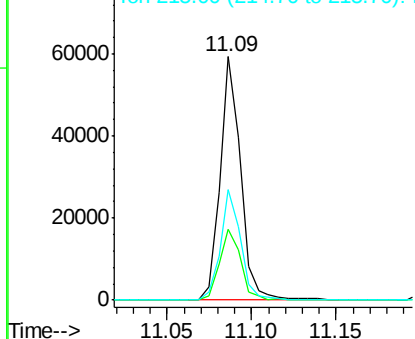


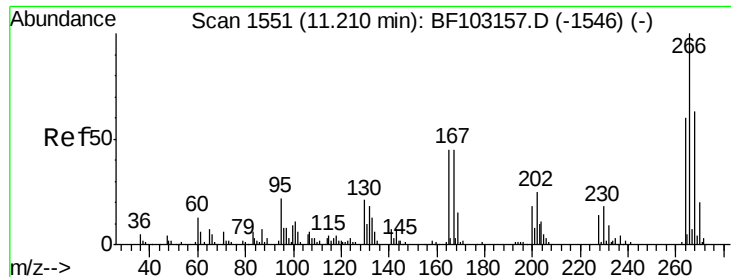
#68
Atrazine
Concen: 7.750 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:200 Resp: 50372
Ion Ratio Lower Upper
200 100
173 29.2 8.6 48.6
215 45.3 25.1 65.1



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

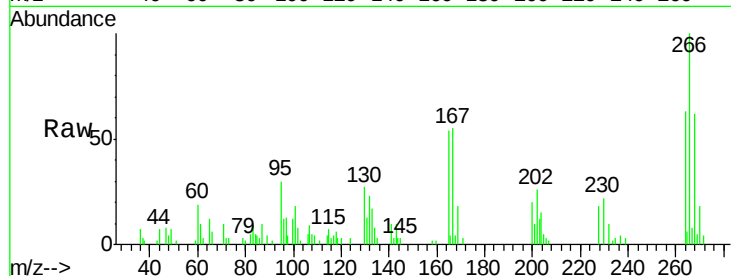




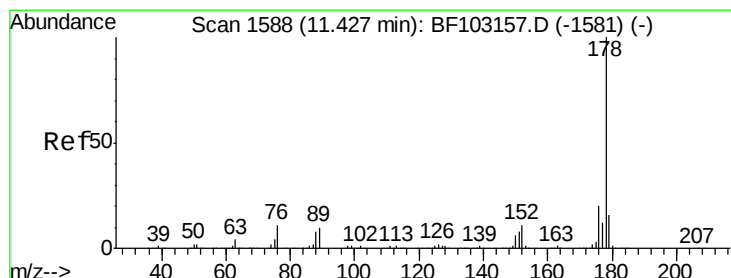
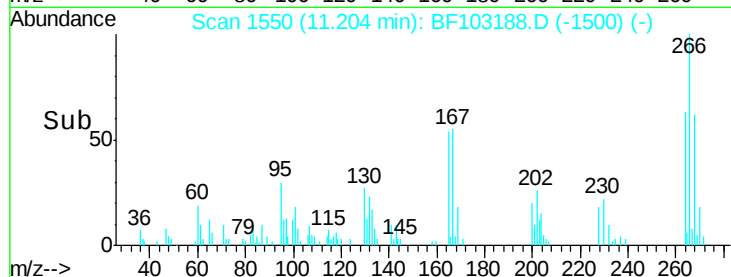
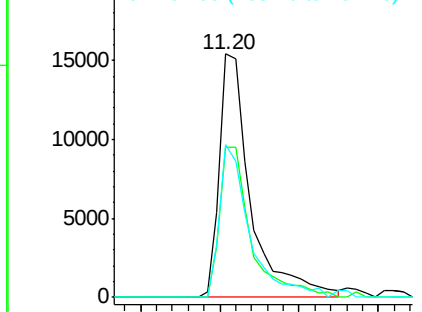
#69
 Pentachlorophenol
 Concen: 6.258 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 21247
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.1 76.7
 264 62.9 49.5 74.3

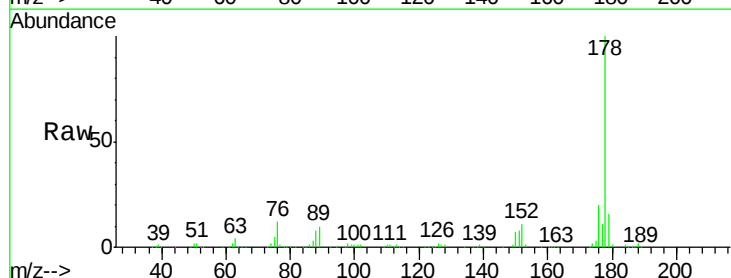


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

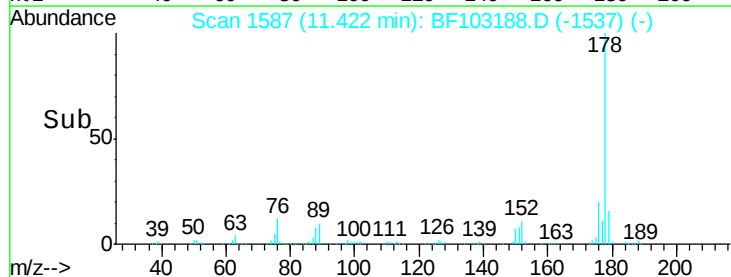
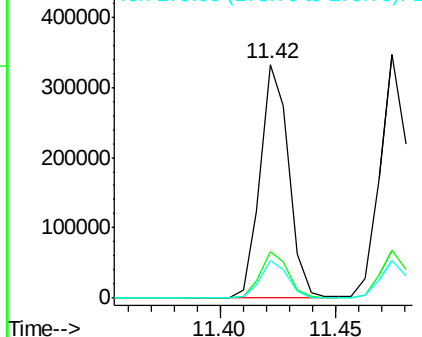


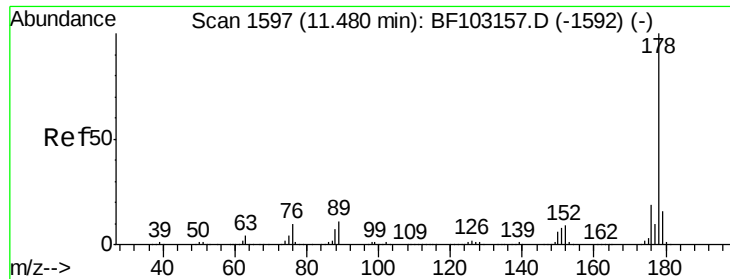
#70
 Phenanthrene
 Concen: 8.423 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:178 Resp: 287896
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 16.2 13.0 19.6



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

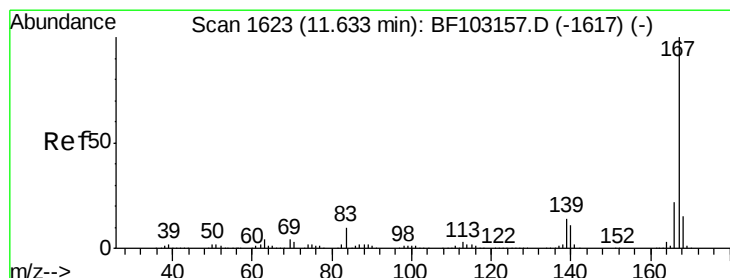
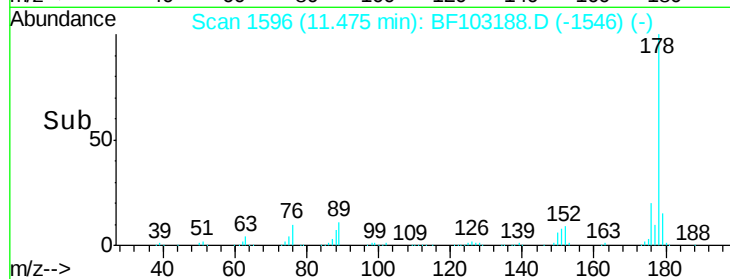
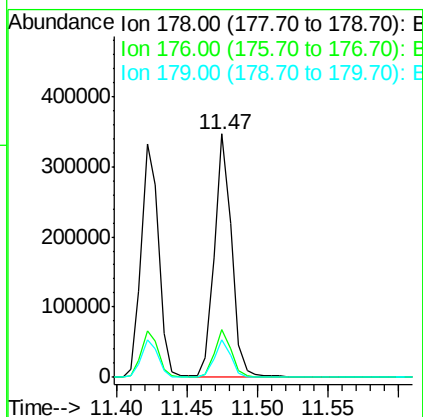
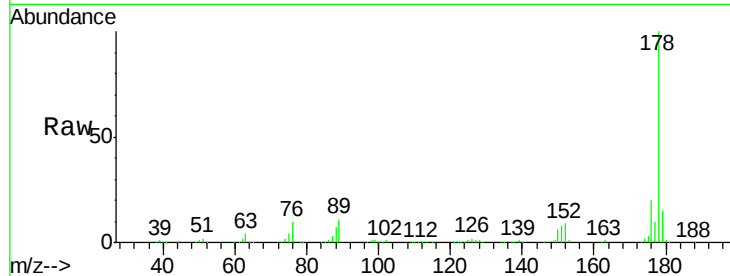




#71
 Anthracene
 Concen: 8.441 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

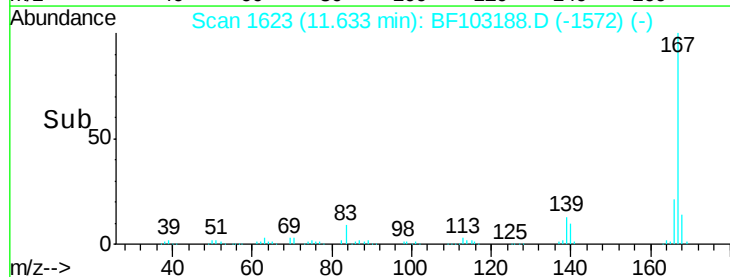
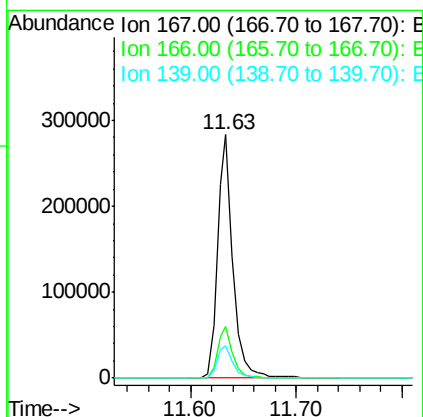
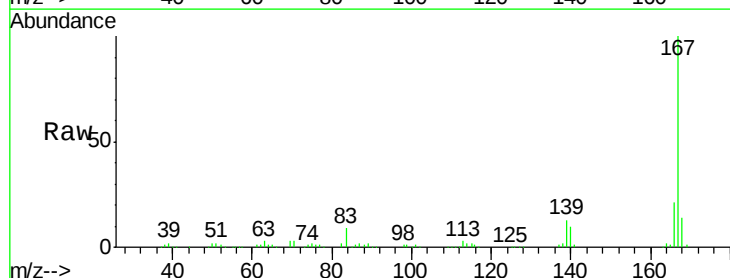
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 295868
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 8.336 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:167 Resp: 290965
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.6 26.4
 139 13.2 10.9 16.3

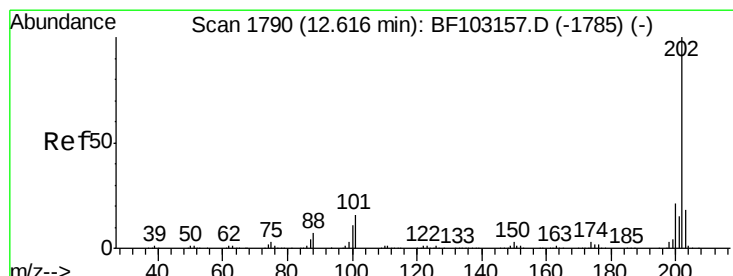
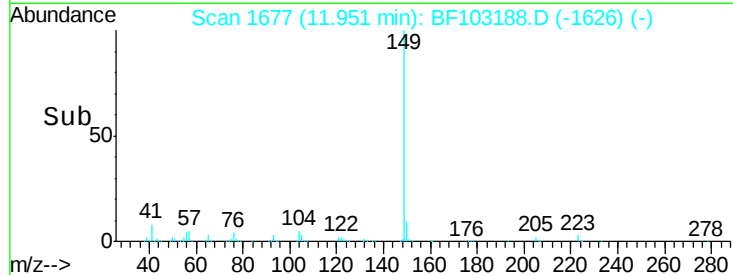
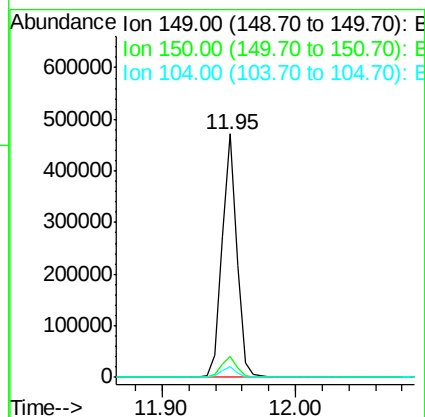
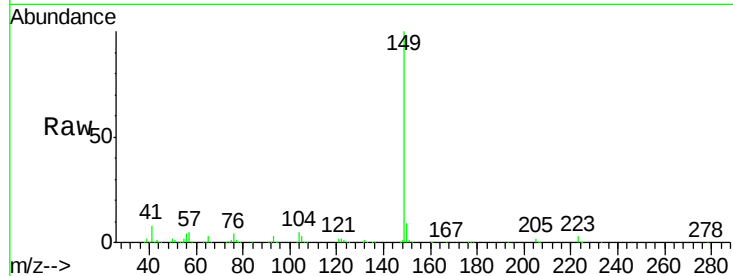




#73
Di-n-butylphthalate
Concen: 8.468 ng
RT: 11.95 min Scan# 1677
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

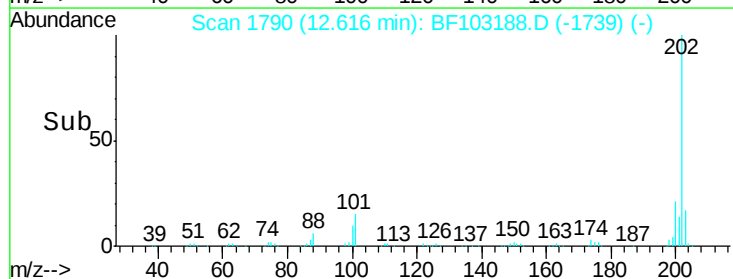
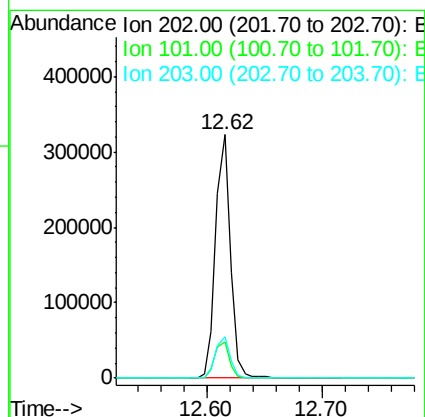
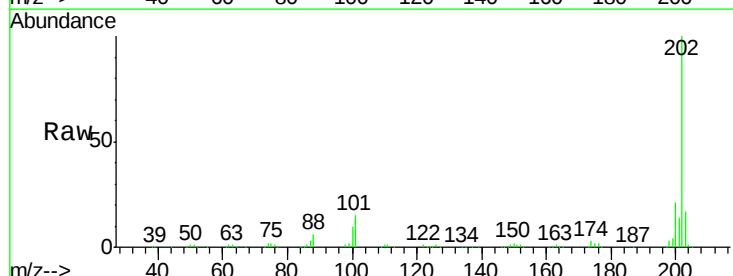
Instrument :
BNA_F
ClientSampleId :

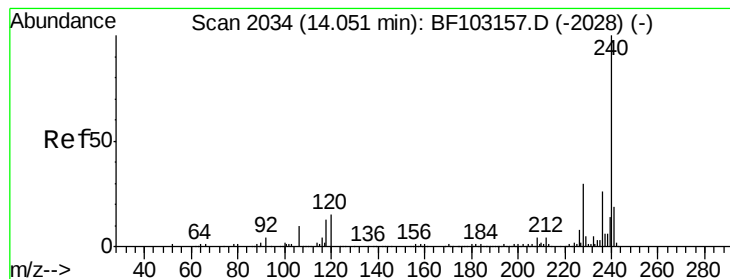
Tot Ion:149 Resp: 369831
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 4.5 3.8 5.8



#74
Fluoranthene
Concen: 8.393 ng
RT: 12.62 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:202 Resp: 288267
Ion Ratio Lower Upper
202 100
101 14.7 0.0 34.1
203 16.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

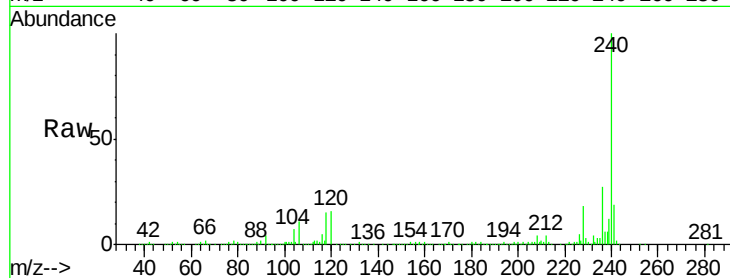
Tot Ion:240 Resp: 452467

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

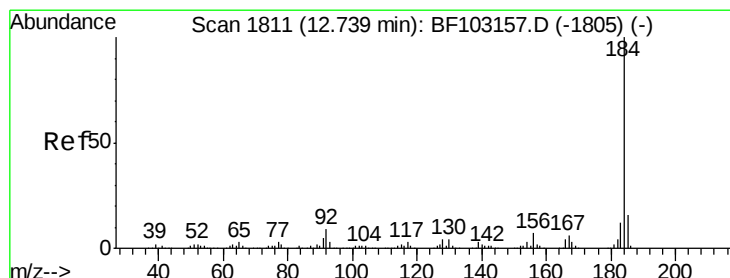
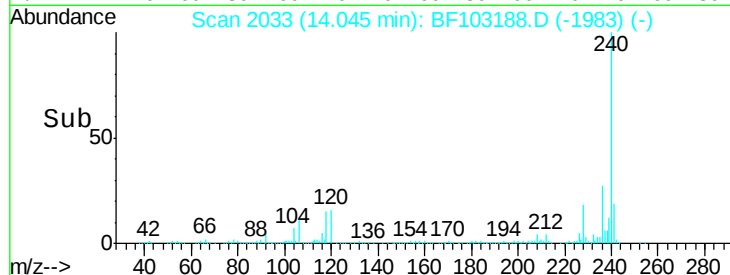
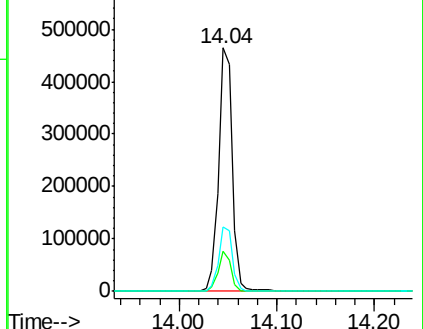
236 26.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.681 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

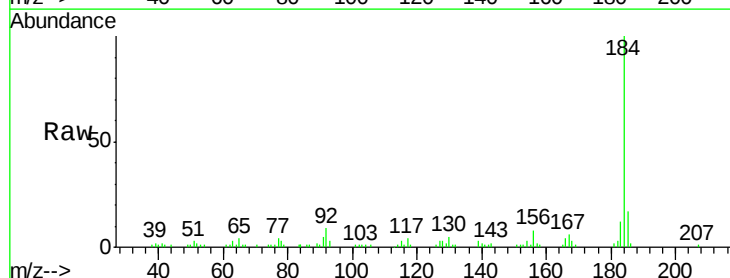
Tgt Ion:184 Resp: 79180

Ion Ratio Lower Upper

184 100

185 17.1 12.6 18.8

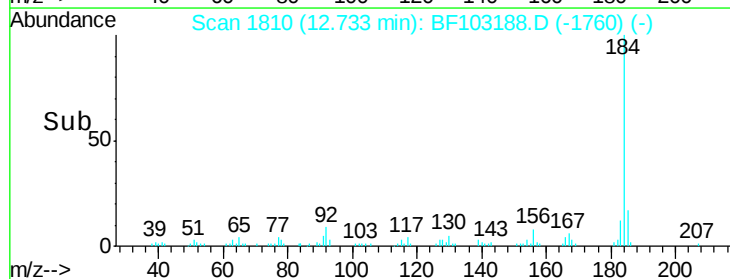
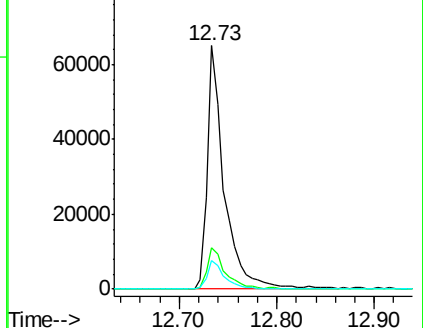
183 12.0 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

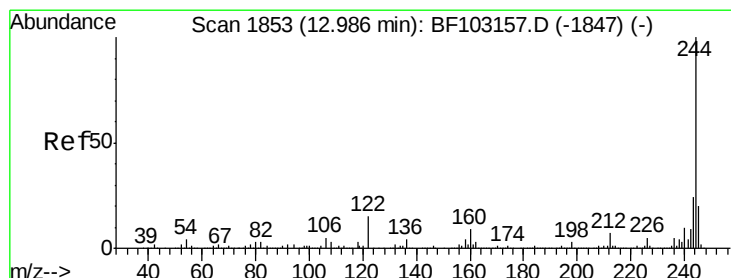
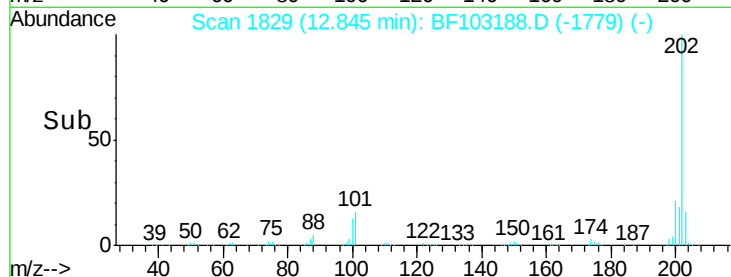
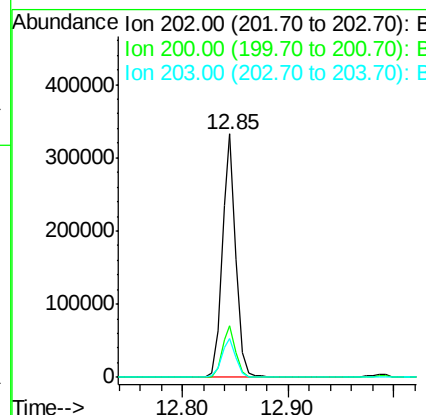
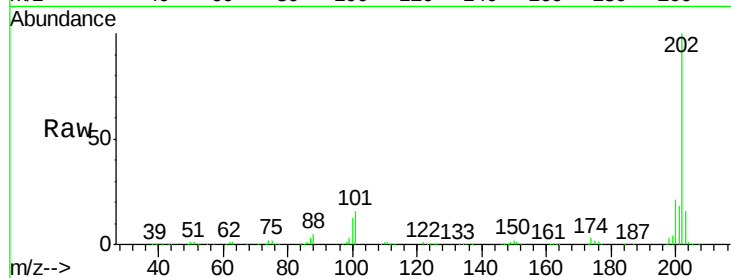




#77
Pvrene
Concen: 8.502 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

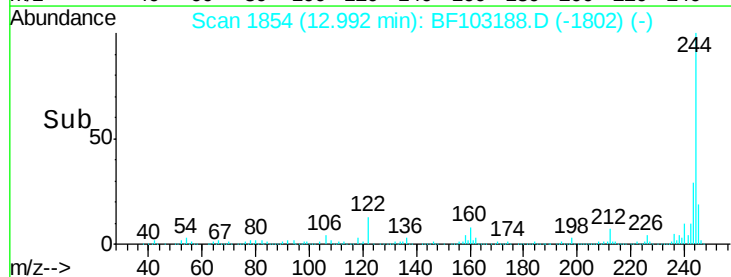
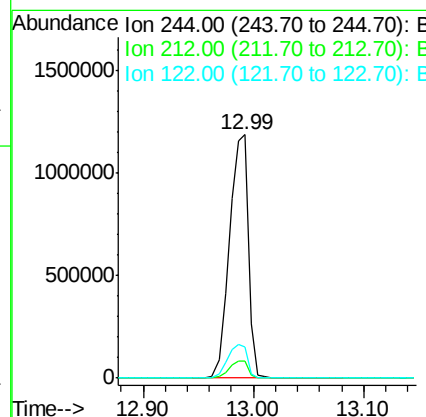
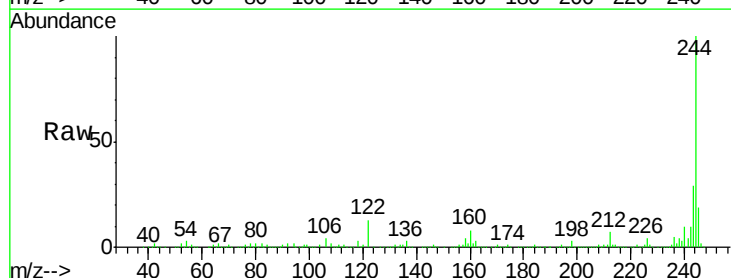
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.1	14.3	21.5



#78
Terphenyl-d14
Concen: 75.794 ng
RT: 12.99 min Scan# 1854
Delta R.T. 0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.6	11.0	16.4

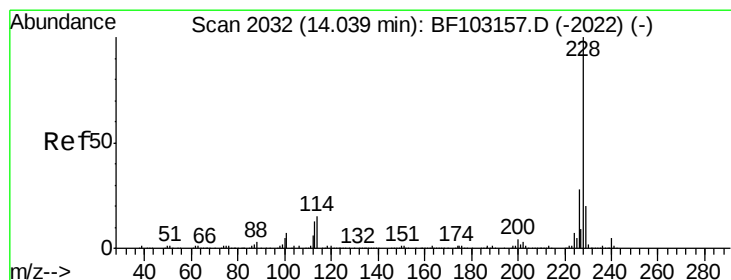
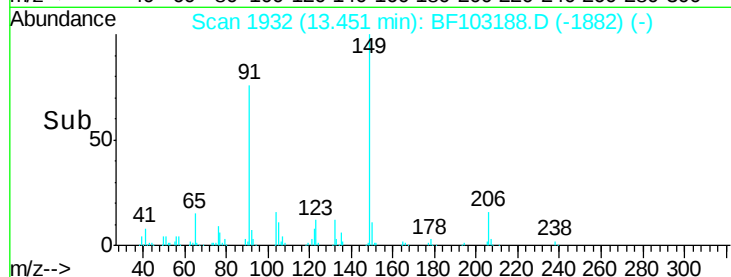
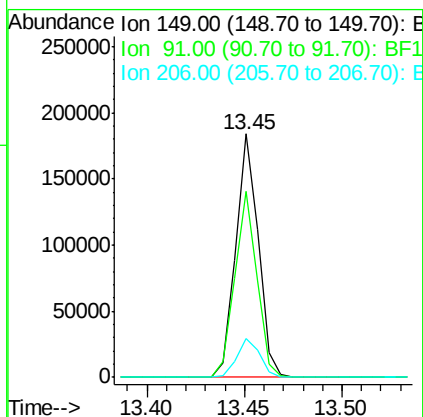
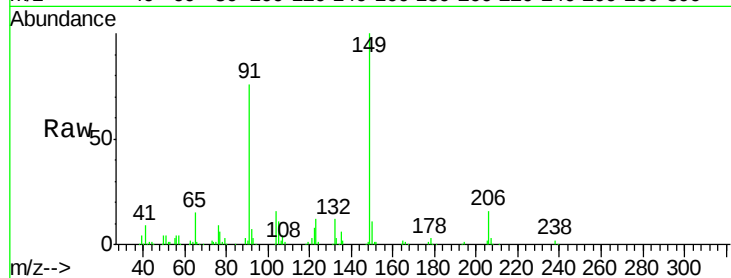




#79
Butylbenzylphthalate
Concen: 7.920 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

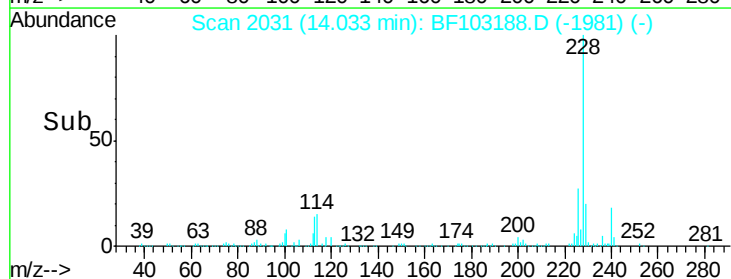
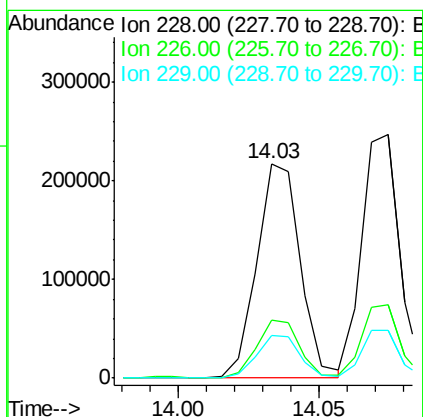
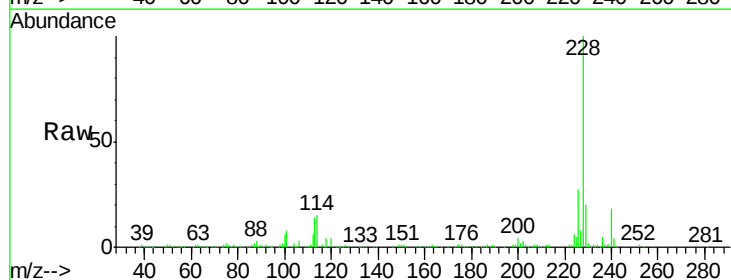
Instrument :
BNA_F
ClientSampled :

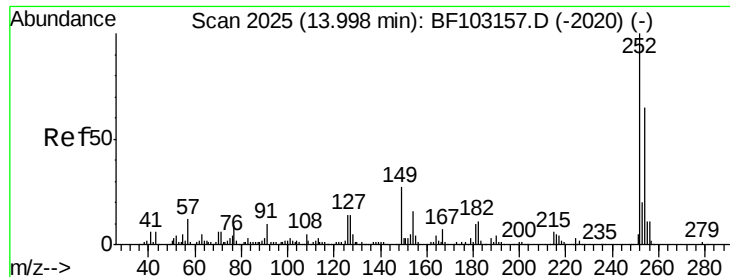
Tot Ion	Ratio	Lower	Upper
149	100		
91	76.4	56.8	85.2
206	16.2	14.1	21.1



#80
Benzo(a)anthracene
Concen: 7.914 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.8	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 7.890 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampled :

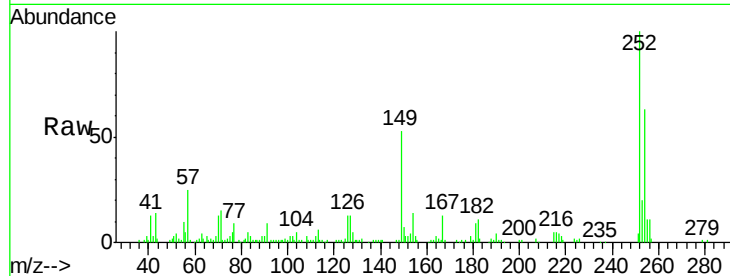
Tot Ion:252 Resp: 82668

Ion Ratio Lower Upper

252 100

254 63.1 50.4 75.6

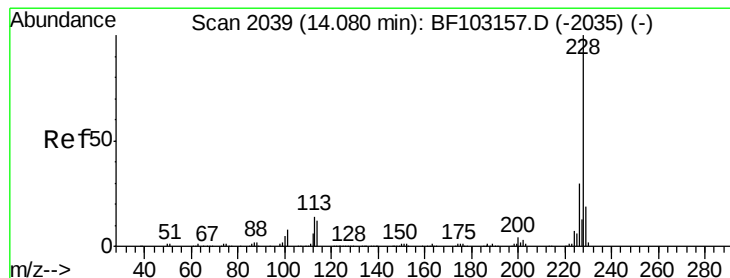
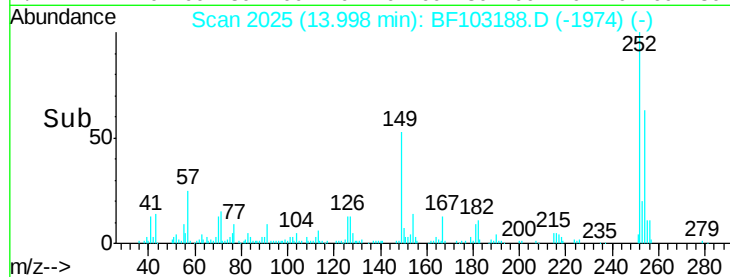
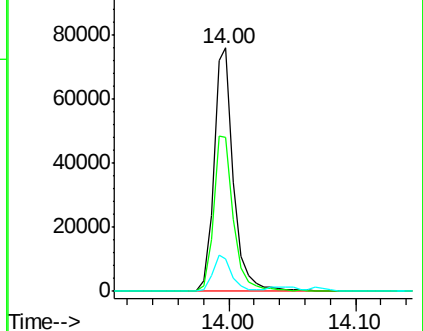
126 13.3 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 8.144 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

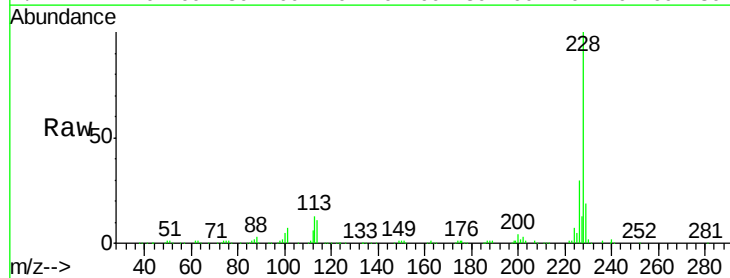
Tgt Ion:228 Resp: 232146

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

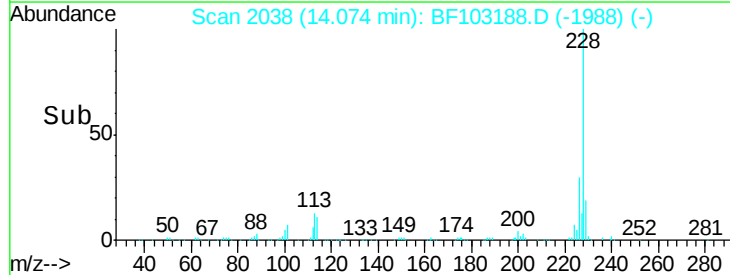
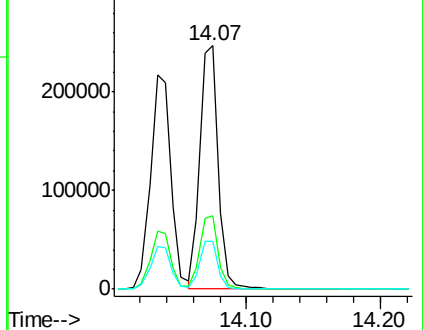
229 19.5 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

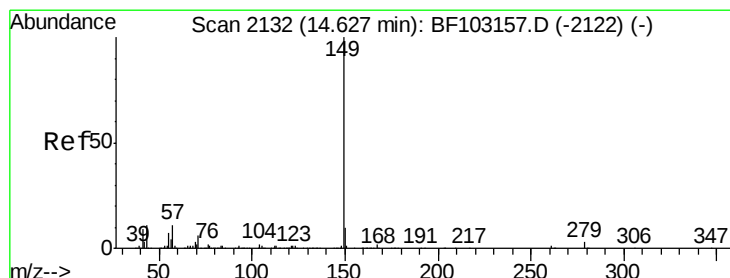
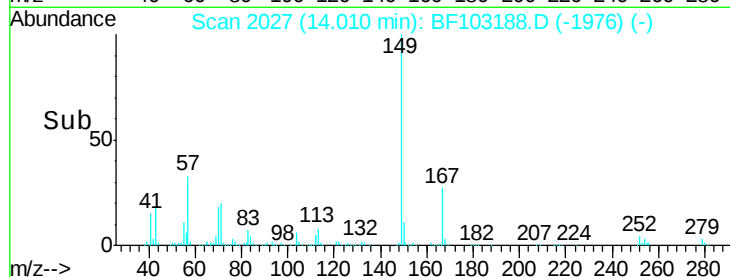
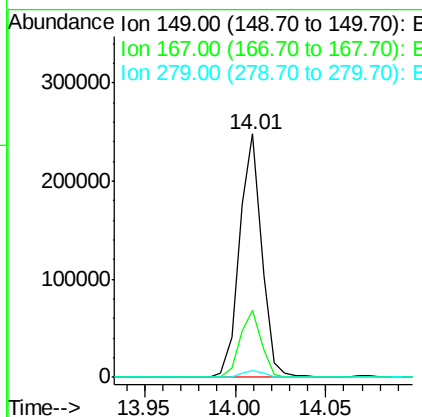
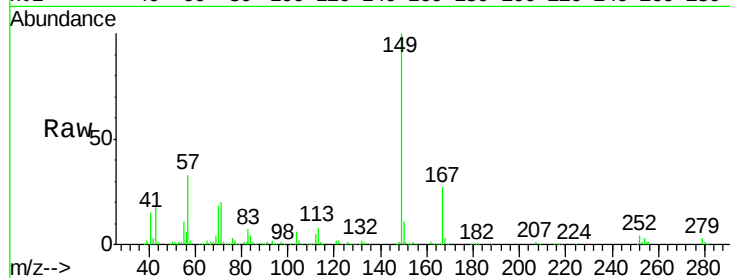




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.362 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

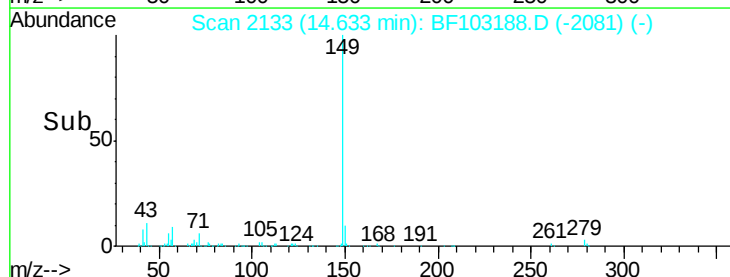
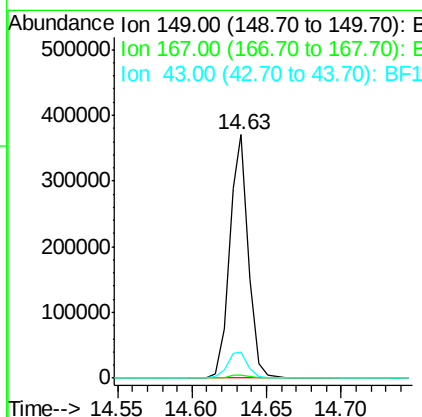
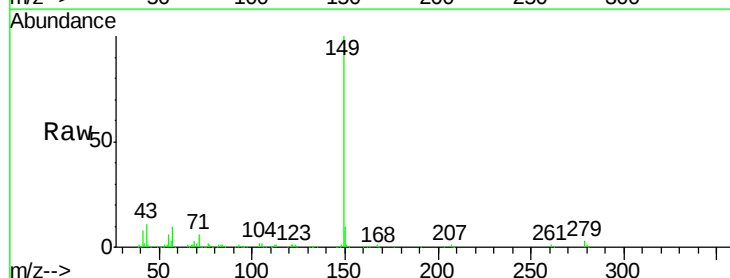
Instrument :
 BNA_F
 ClientSampleId :

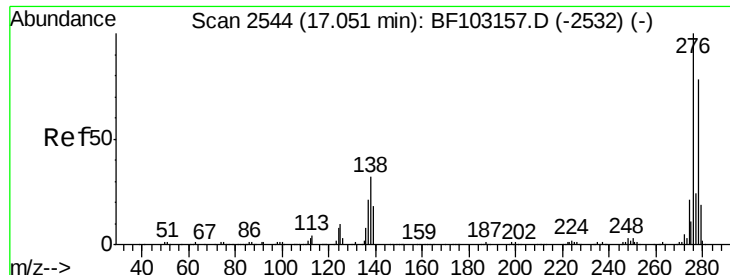
Tot Ion:149 Resp: 210323
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.3 31.9
 279 2.8 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 8.036 ng
 RT: 14.63 min Scan# 2133
 Delta R.T. 0.01 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Tgt Ion:149 Resp: 326564
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 11.8 8.4 12.6

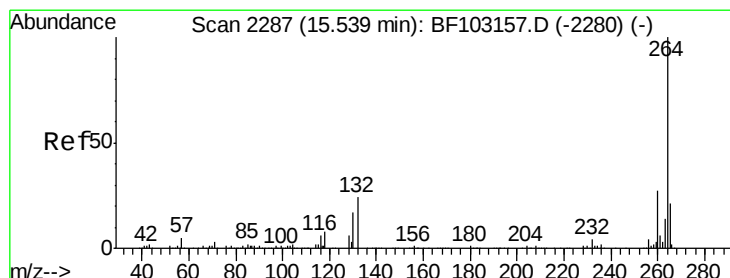
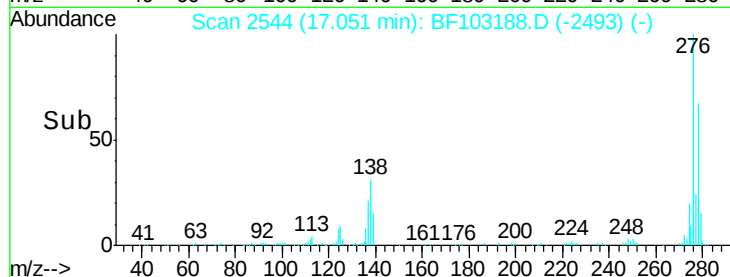
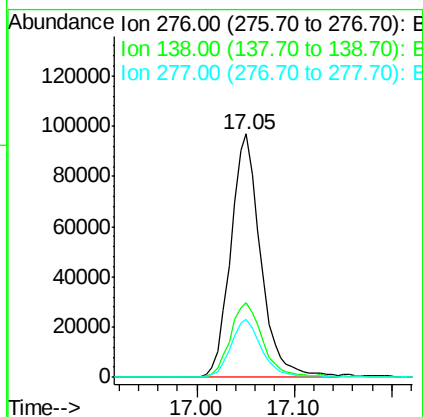
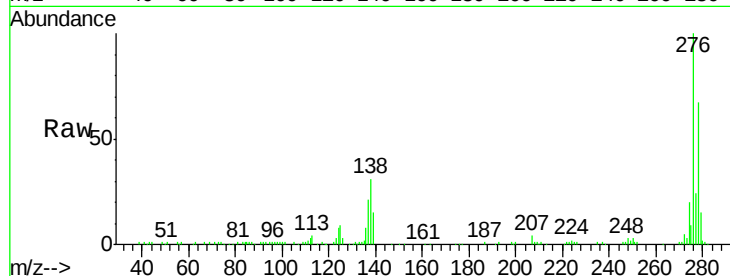




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.151 ng
RT: 17.05 min Scan# 2544
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

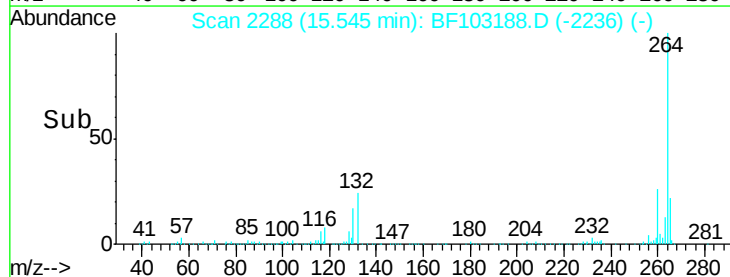
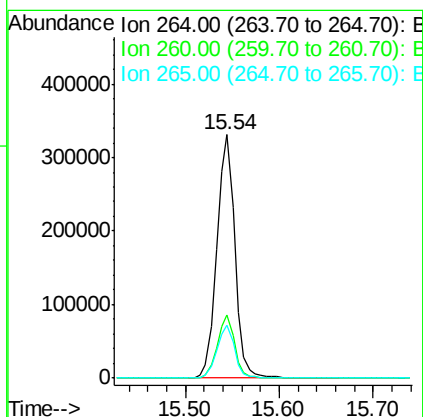
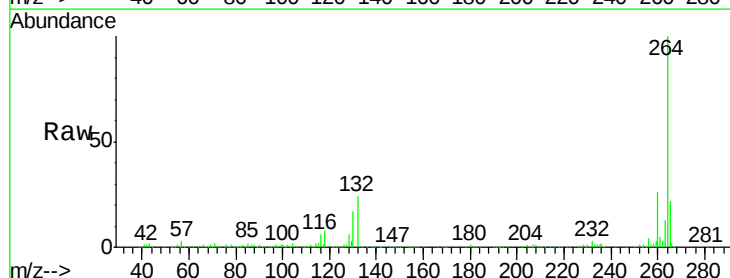
Instrument :
BNA_F
ClientSampleId :

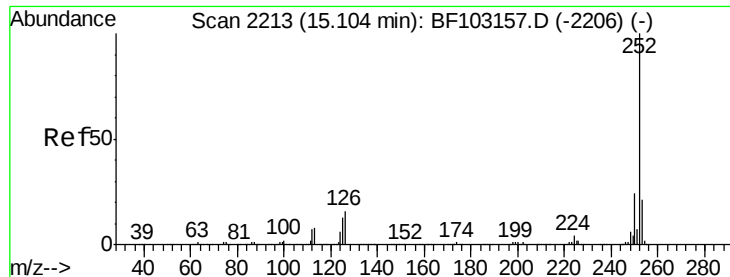
Tot Ion:276 Resp: 206514
Ion Ratio Lower Upper
276 100
138 33.5 25.0 37.6
277 24.5 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:264 Resp: 446593
Ion Ratio Lower Upper
264 100
260 25.7 19.2 28.8
265 21.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 7.374 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

Instrument :

BNA_F

ClientSampleId :

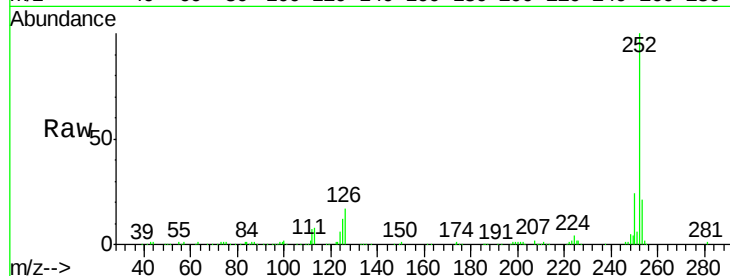
Tot Ion:252 Resp: 216517

Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

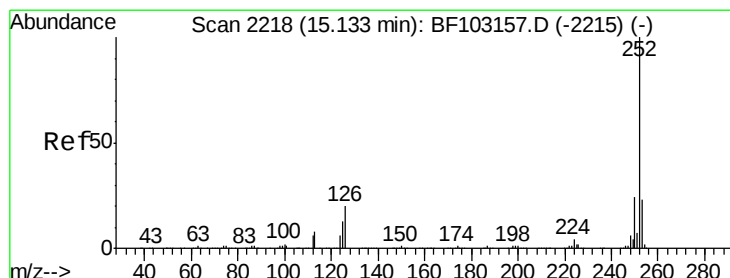
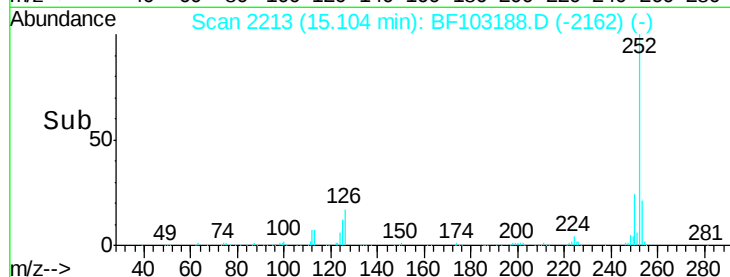
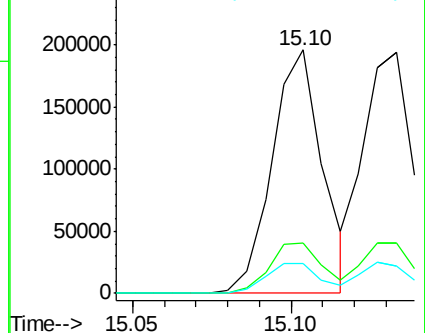
125 12.3 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 7.970 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF103188.D

Acq: 23 Feb 2018 10:13

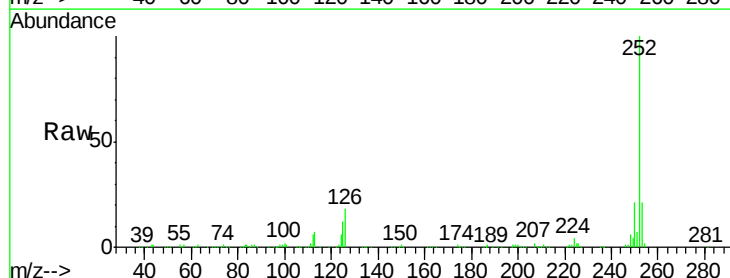
Tgt Ion:252 Resp: 220375

Ion Ratio Lower Upper

252 100

253 20.8 17.9 26.9

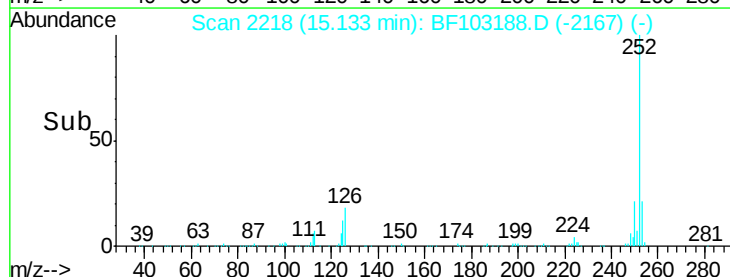
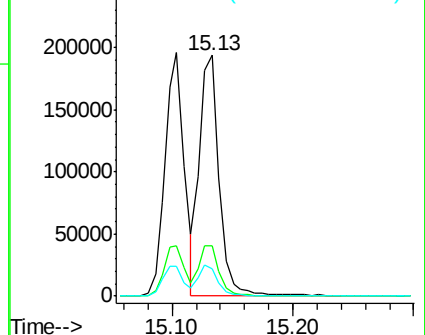
125 11.5 10.2 15.2

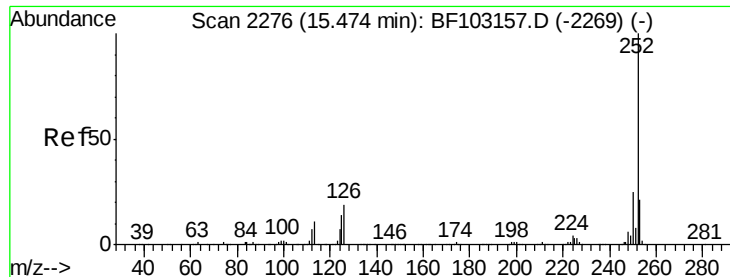


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

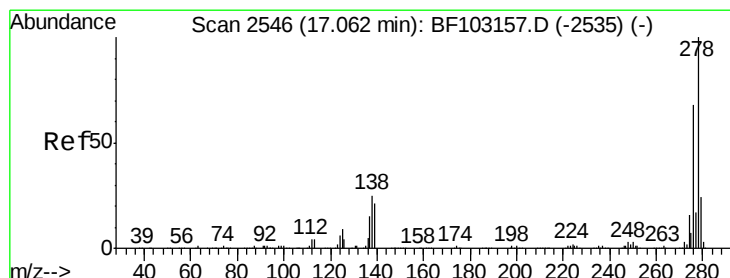
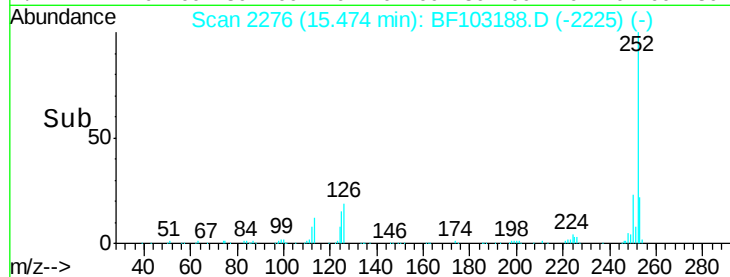
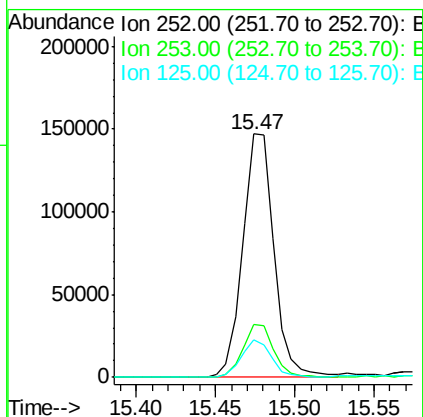
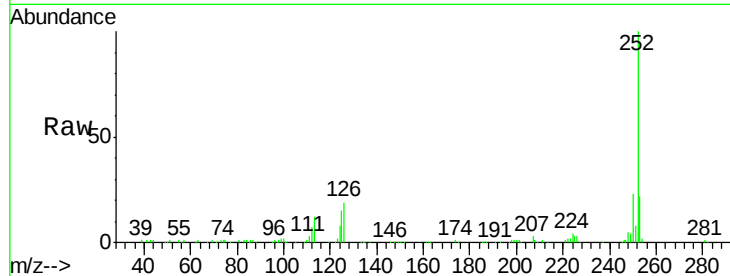




#89
Benzo(a)pyrene
Concen: 7.692 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

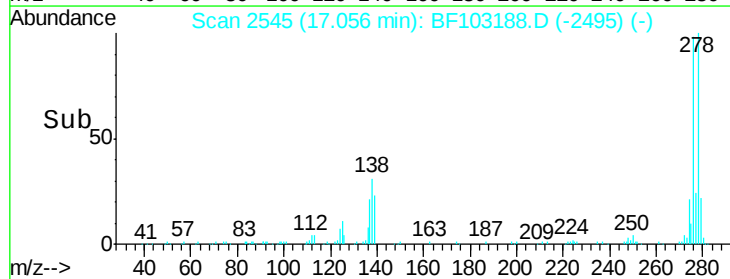
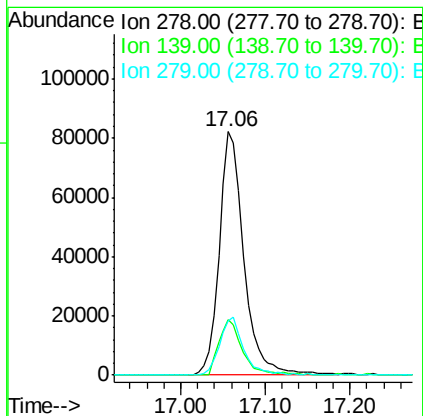
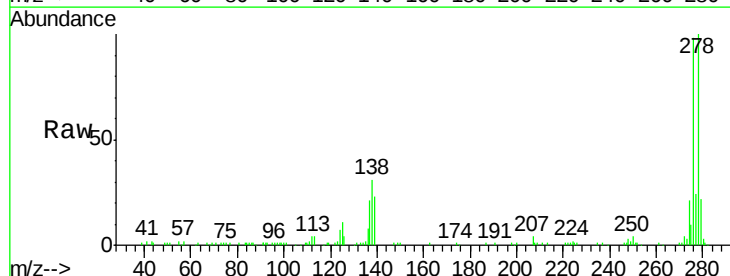
Instrument :
BNA_F
ClientSampleId :

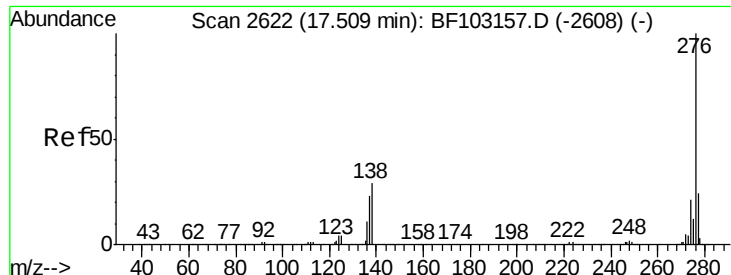
Tot Ion:252 Resp: 201701
Ion Ratio Lower Upper
252 100
253 21.6 17.1 25.7
125 15.4 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 8.245 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BF103188.D
Acq: 23 Feb 2018 10:13

Tgt Ion:278 Resp: 167053
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 22.1 19.0 28.4

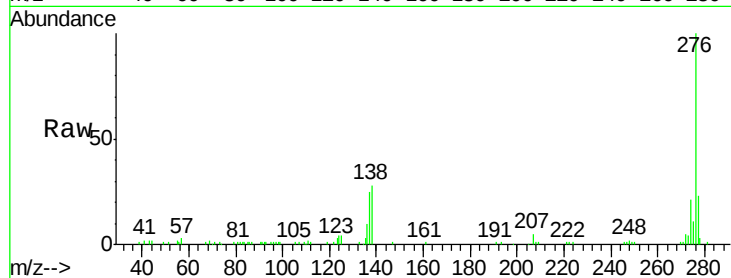




#91
 Benzo(a,h,i)perylene
 Concen: 8.612 ng
 RT: 17.51 min Scan# 2622
 Delta R.T. 0.00 min
 Lab File: BF103188.D
 Acq: 23 Feb 2018 10:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	28.2	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

