

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
 Data File : BF103508.D
 Acq On : 7 Mar 2018 18:26
 Operator : SJ/JU
 Sample : J1808-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 08 03:45:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93284	20.00	ng	0.02
21) Naphthalene-d8	8.17	136	188673	20.00	ng	0.02
38) Acenaphthene-d10	9.91	164	220984	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	316052	20.00	ng	0.00
75) Chrysene-d12	14.06	240	185328	20.00	ng	0.00
86) Perylene-d12	15.56	264	161330	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1006501	163.19	ng	0.02
7) Phenol-d6	6.52	99	1229698	162.93	ng	0.02
23) Nitrobenzene-d5	7.47	82	453927	137.40	ng	0.04
41) 2,4,6-Tribromophenol	10.70	330	219457	117.32	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1201855	96.80	ng	0.00
78) Terphenyl-d14	12.99	244	808794	104.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	194747	59.782	ng	93
3) Pyridine	3.48	79	409682	47.107	ng	97
4) n-Nitrosodimethylamine	3.44	42	301621	85.994	ng	# 80
6) Aniline	6.56	93	203090	18.645	ng	# 26
8) 2-Chlorophenol	6.67	128	337536	52.680	ng	92
9) Benzaldehyde	6.44	77	181299	39.326	ng	# 1
10) Phenol	6.55	94	459064	52.395	ng	76
11) bis(2-Chloroethyl)ether	6.63	93	359567	54.072	ng	86
12) 1,3-Dichlorobenzene	6.83	146	292616	39.963	ng	97
13) 1,4-Dichlorobenzene	6.90	146	351822	47.925	ng	# 92
14) 1,2-Dichlorobenzene	7.06	146	212995	31.466	ng	# 88
15) Benzyl Alcohol	7.03	79	265246	46.639	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	397136	34.778	ng	# 38
17) 2-Methylphenol	7.15	107	243483	41.815	ng	# 59
18) Hexachloroethane	7.36	117	273466	102.328	ng	# 1
19) n-Nitroso-di-n-propylamine	7.31	70	309180	65.823	ng	# 90
20) 3+4-Methylphenols	7.31	107	390966	55.082	ng	# 63
22) Acetophenone	7.28	105	2311920	524.966	ng	# 60
24) Nitrobenzene	7.49	77	392937	108.026	ng	# 95
25) Isophorone	7.71	82	805869	123.850	ng	# 90
26) 2-Nitrophenol	7.80	139	133902	78.197	ng	# 25
27) 2,4-Dimethylphenol	7.83	122	160810	61.438	ng	88
28) bis(2-Chloroethoxy)methane	7.92	93	154666	40.429	ng	94
29) 2,4-Dichlorophenol	8.05	162	283594	113.168	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	245811	92.114	ng	# 92
31) Naphthalene	8.20	128	3178902	344.146	ng	# 96
32) Benzoic acid	7.96	122	23947	17.469	ng	# 1
33) 4-Chloroaniline	8.25	127	103224	25.897	ng	# 62
34) Hexachlorobutadiene	8.29	225	143229	103.070	ng	100
35) Caprolactam	8.61	113	93250	105.878	ng	# 17
36) 4-Chloro-3-methylphenol	8.73	107	330744	117.015	ng	99
37) 2-Methylnaphthalene	8.89	142	2724369	456.364	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	274355	45.414	ng	100
40) Hexachlorocyclopentadiene	9.01	237	279	8.998	ng	89

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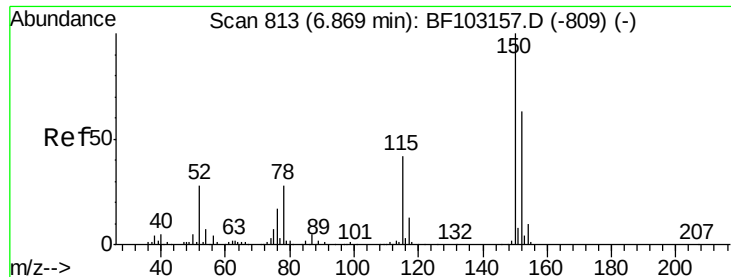
Instrument :
 BNA_F
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Quant Time: Mar 08 03:45:29 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 07 11:40:36 2018
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	9.15	196	195933	48.200	ng	99
43) 2,4,5-Trichlorophenol	9.20	196	202676	43.350	ng	# 94
45) 1,1'-Biphenyl	9.33	154	878062	47.418	ng	99
46) 2-Chloronaphthalene	9.36	162	648339	44.256	ng	98
47) 2-Nitroaniline	9.47	65	288061	53.084	ng	90
48) Acenaphthylene	9.77	152	955352	42.385	ng	99
49) Dimethylphthalate	9.63	163	849825	47.938	ng	100
50) 2,6-Dinitrotoluene	9.70	165	155663	41.842	ng	# 90
51) Acenaphthene	9.95	154	583214	44.373	ng	99
52) 3-Nitroaniline	9.87	138	131758	27.915	ng	97
53) 2,4-Dinitrophenol	10.02	184	1032	10.297	ng	# 1
54) Dibenzofuran	10.12	168	821820	45.549	ng	94
55) 4-Nitrophenol	10.06	139	203164	69.451	ng	88
56) 2,4-Dinitrotoluene	10.12	165	179934	38.243	ng	# 67
57) Fluorene	10.46	166	670923	43.652	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	147015	46.809	ng	97
59) Diethylphthalate	10.32	149	752038	44.355	ng	100
60) 4-Chlorophenyl-phenylether	10.45	204	298394	45.781	ng	98
61) 4-Nitroaniline	10.50	138	180935	38.380	ng	98
62) Azobenzene	10.61	77	792081	45.896	ng	97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5991	7.740	ng	# 1
65) n-Nitrosodiphenylamine	10.57	169	597492	54.295	ng	99
66) 4-Bromophenyl-phenylether	10.93	248	166770	50.654	ng	97
67) Hexachlorobenzene	11.01	284	161046	45.067	ng	93
68) Atrazine	11.09	200	142083	42.957	ng	97
69) Pentachlorophenol	11.22	266	116627	67.499	ng	98
70) Phenanthrene	11.43	178	853267	49.057	ng	99
71) Anthracene	11.48	178	872618	48.925	ng	100
72) Carbazole	11.64	167	791013	44.535	ng	99
73) Di-n-butylphthalate	11.95	149	1031112	46.395	ng	99
74) Fluoranthene	12.62	202	834373	47.737	ng	97
76) Benzidine	12.74	184	177685	25.645	ng	98
77) Pyrene	12.86	202	849425	58.787	ng	100
79) Butylbenzylphthalate	13.45	149	376163	49.274	ng	95
80) Benzo(a)anthracene	14.05	228	703500	58.504	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	155888	36.326	ng	100
82) Chrysene	14.09	228	648796	55.568	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	487252	47.297	ng	# 99
84) Di-n-octyl phthalate	14.63	149	884422	53.135	ng	99
85) Indeno(1,2,3-cd)pyrene	17.11	276	478180	51.732	ng	98
87) Benzo(b)fluoranthene	15.12	252	665600	62.749	ng	# 97
88) Benzo(k)fluoranthene	15.15	252	513510	51.410	ng	98
89) Benzo(a)pyrene	15.50	252	563309	59.469	ng	# 96
90) Dibenzo(a,h)anthracene	17.11	278	368792	50.386	ng	98
91) Benzo(g,h,i)perylene	17.57	276	408404	57.091	ng	98

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

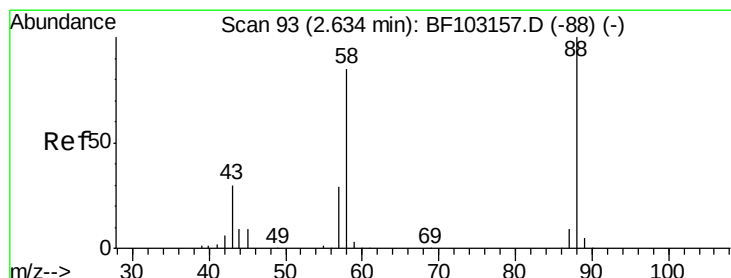
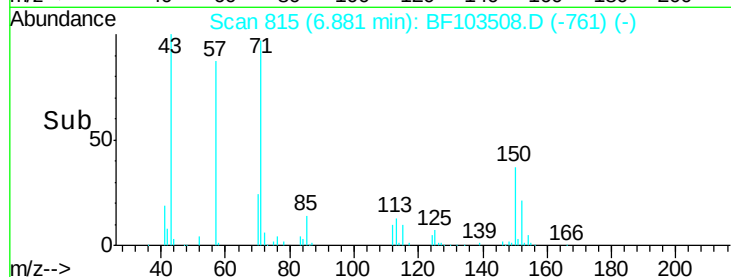
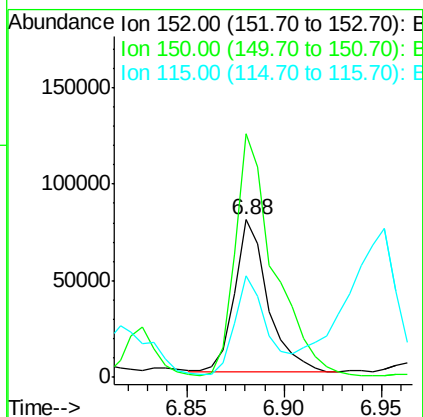
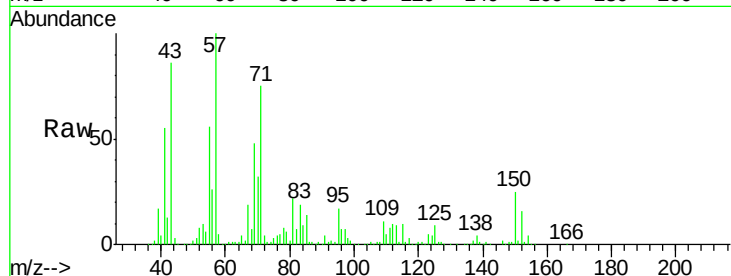


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :

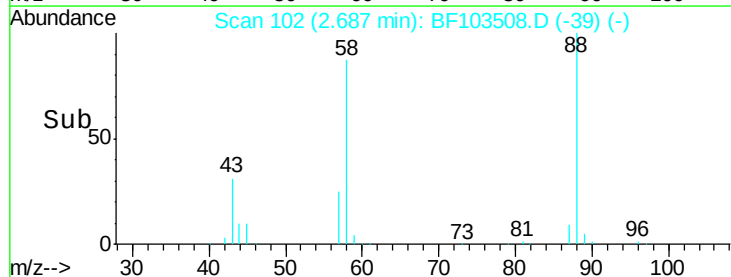
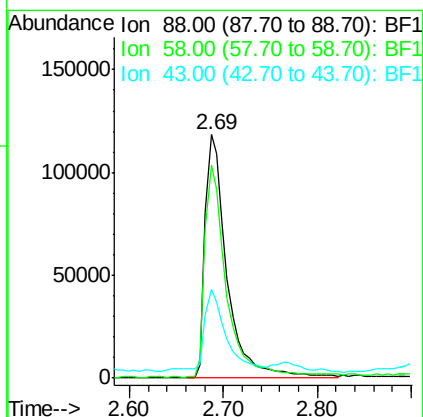
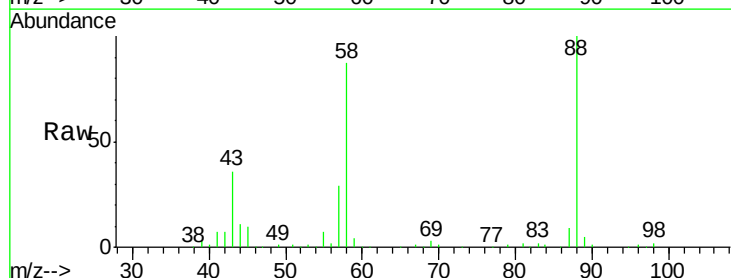
Tot Ion:152 Resp: 93284
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 64.1 50.1 75.1

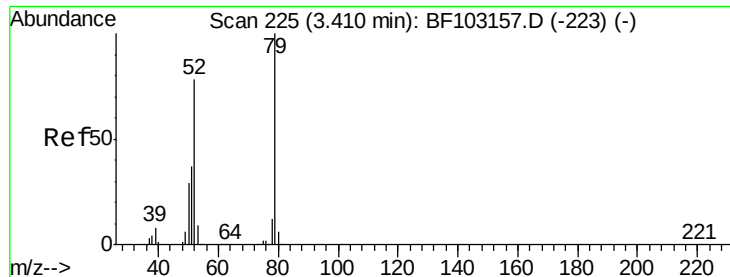


#2

1,4-Dioxane
Concen: 59.782 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.07 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion: 88 Resp: 194747
Ion Ratio Lower Upper
88 100
58 85.4 62.6 93.8
43 32.1 24.6 37.0





#3

Pvridine

Concen: 47.107 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

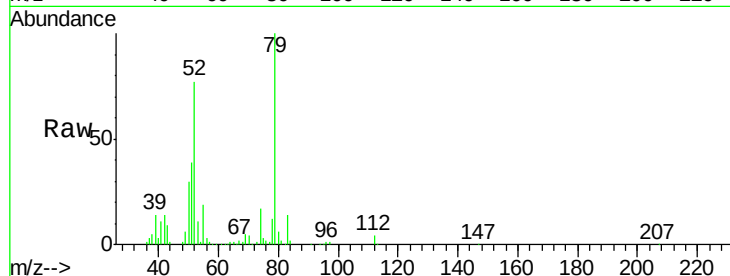
Tot Ion: 79 Resp: 409682

Ion Ratio Lower Upper

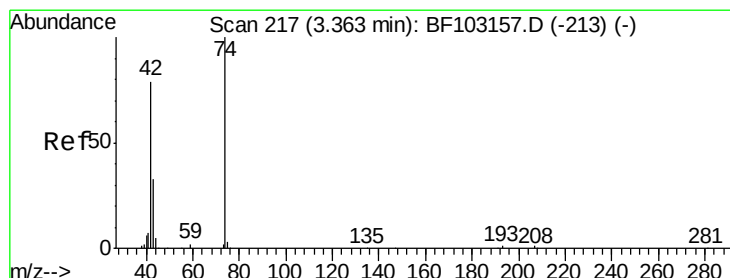
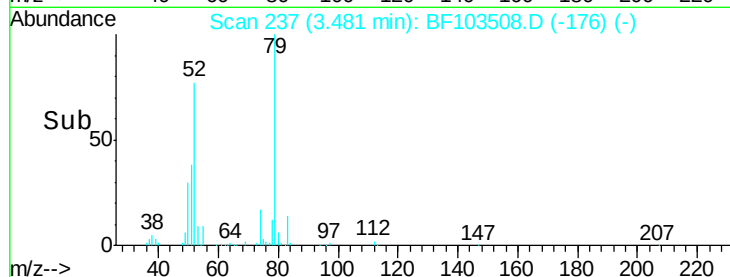
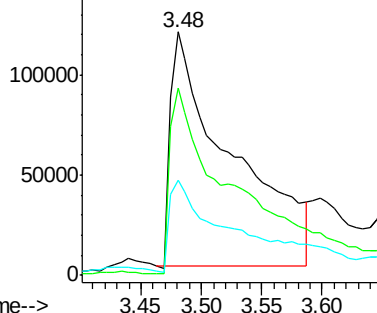
79 100

52 77.2 59.8 89.6

51 39.2 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 85.994 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.06 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

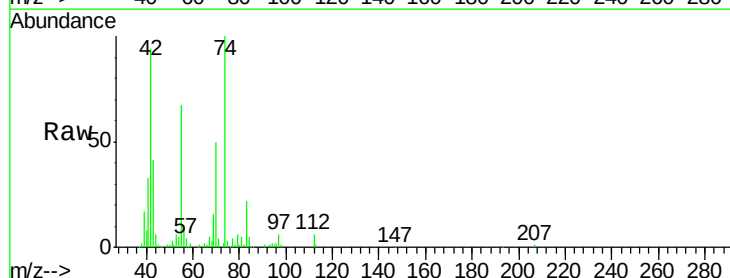
Tgt Ion: 42 Resp: 301621

Ion Ratio Lower Upper

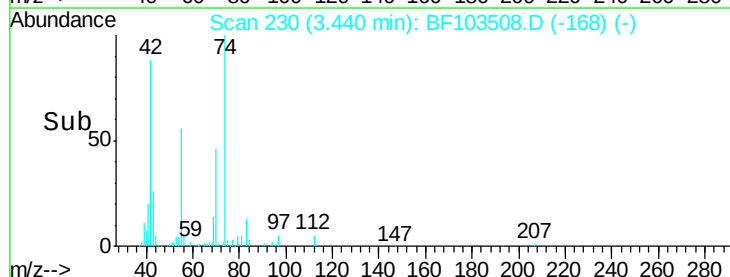
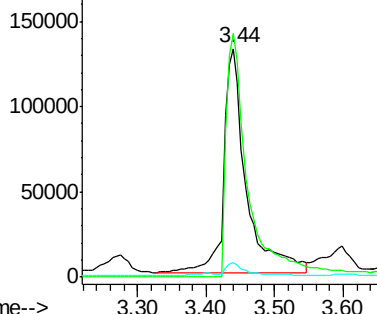
42 100

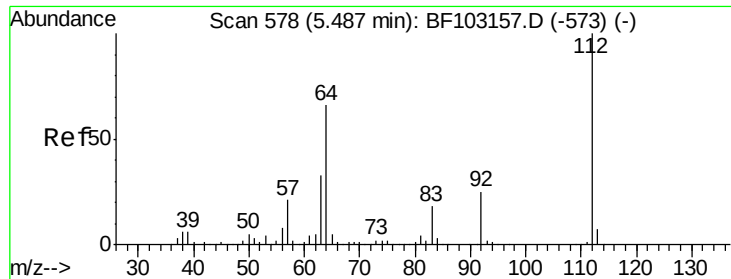
74 106.5 104.9 157.3

44 6.3 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 163.186 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

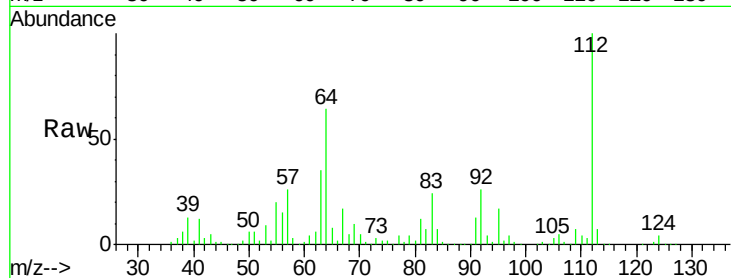
Tot Ion:112 Resp: 1006501

Ion Ratio Lower Upper

112 100

64 64.5 47.9 71.9

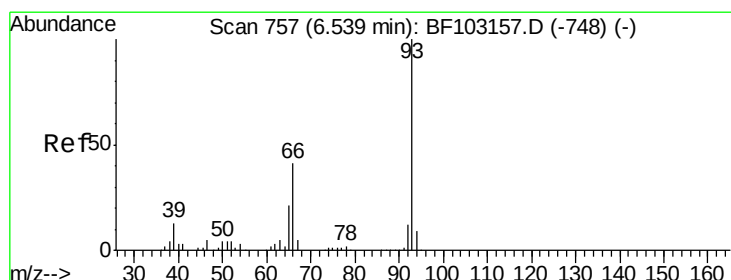
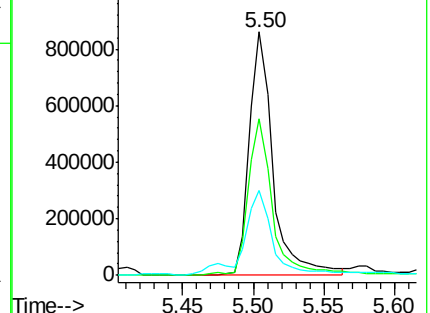
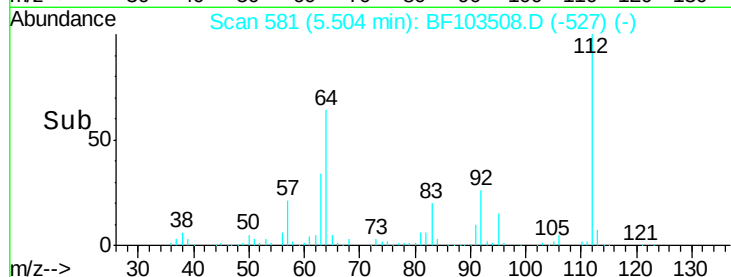
63 34.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 18.645 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

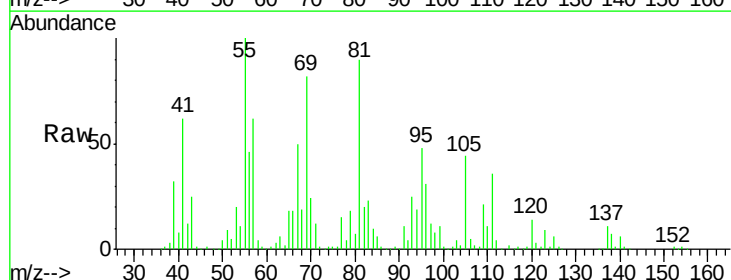
Tgt Ion: 93 Resp: 203090

Ion Ratio Lower Upper

93 100

66 73.2 32.2 48.2#

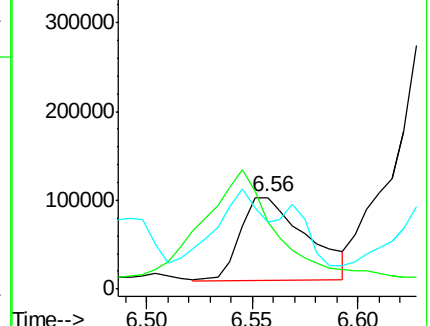
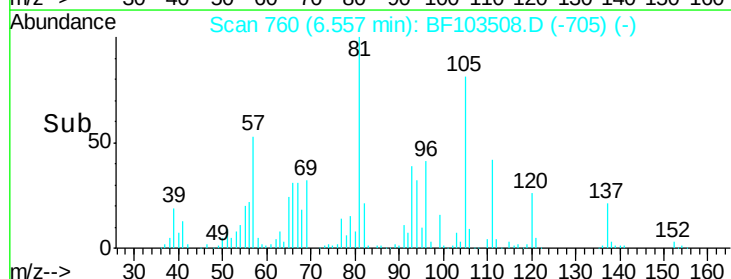
65 73.0 16.4 24.6#

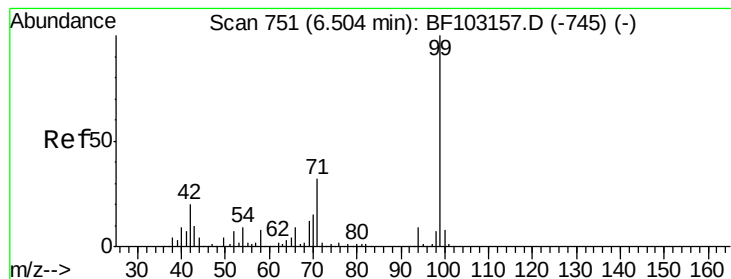


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 162.933 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

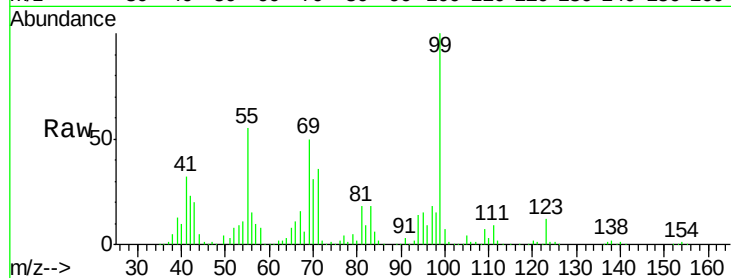
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1229698

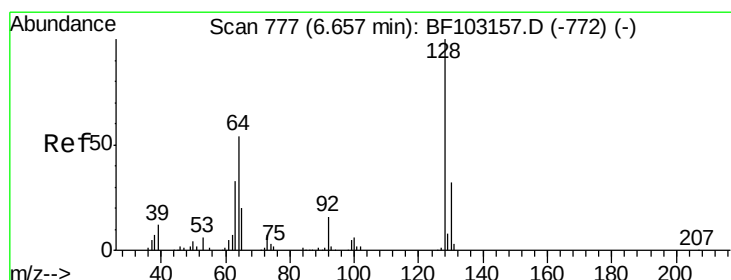
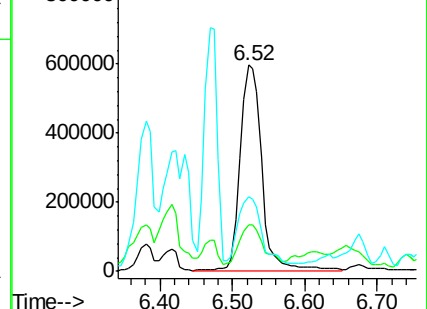
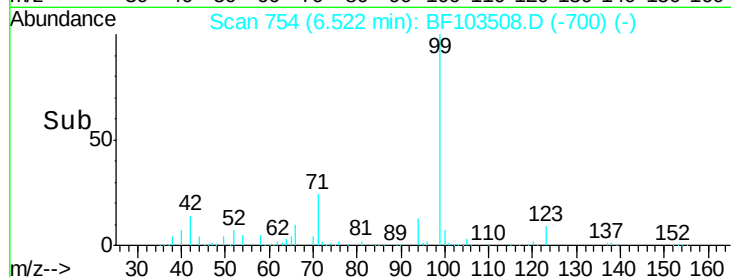
Ion	Ratio	Lower	Upper
99	100		
42	22.6	14.5	21.7#
71	36.2	25.4	38.0



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: 52.680 ng

RT: 6.67 min Scan# 780

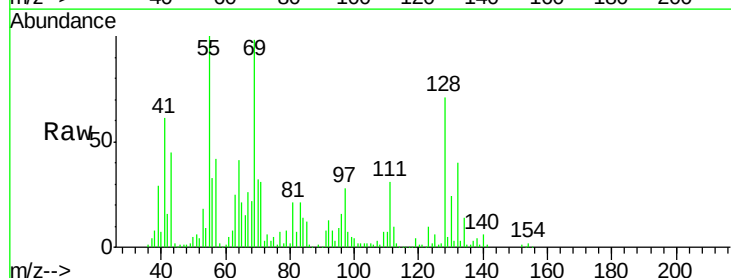
Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:128 Resp: 337536

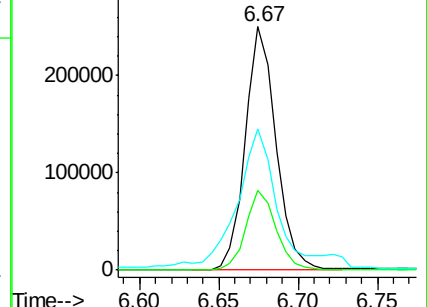
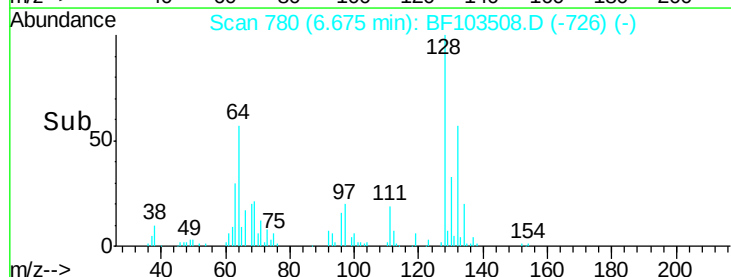
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	58.0	29.4	69.4

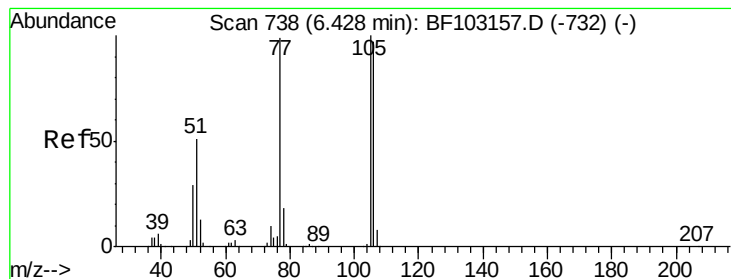


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.326 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

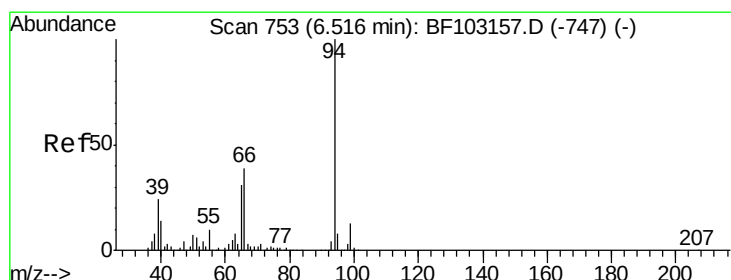
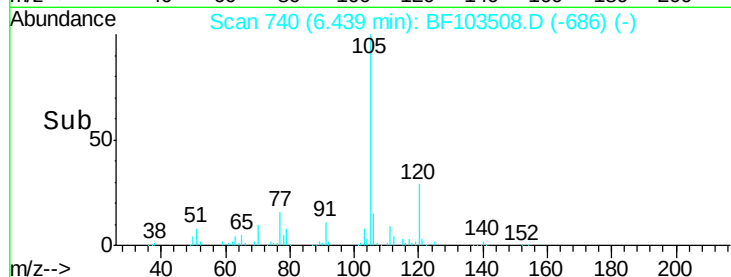
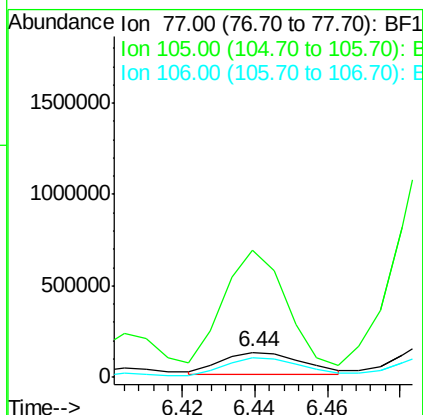
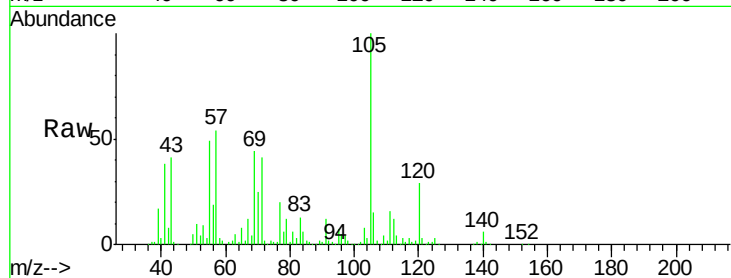
Tot Ion: 77 Resp: 181299

Ion Ratio Lower Upper

77 100

105 507.2 81.1 121.1#

106 76.5 74.5 114.5



#10

Phenol

Concen: 52.395 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

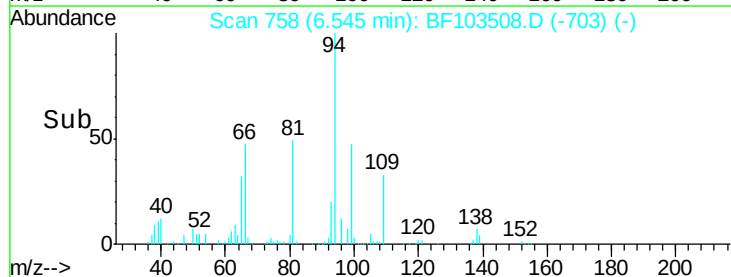
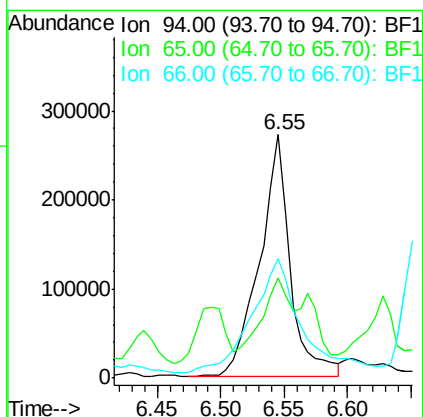
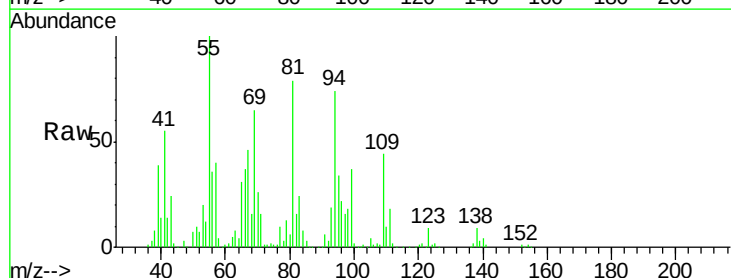
Tgt Ion: 94 Resp: 459064

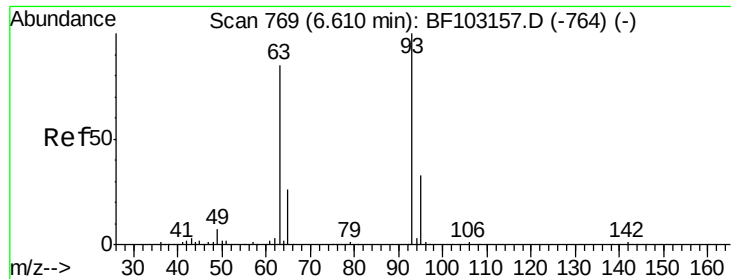
Ion Ratio Lower Upper

94 100

65 41.4 7.9 47.9

66 49.3 16.2 56.2

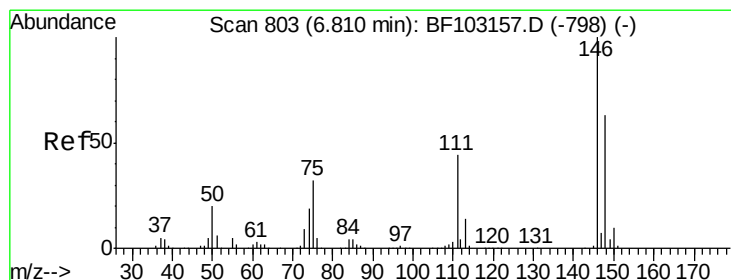
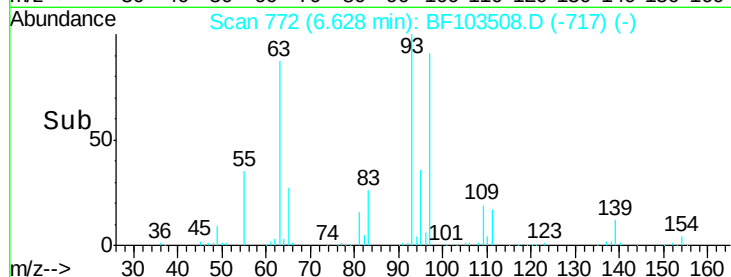
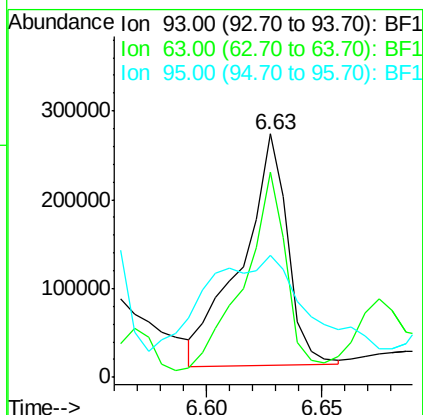
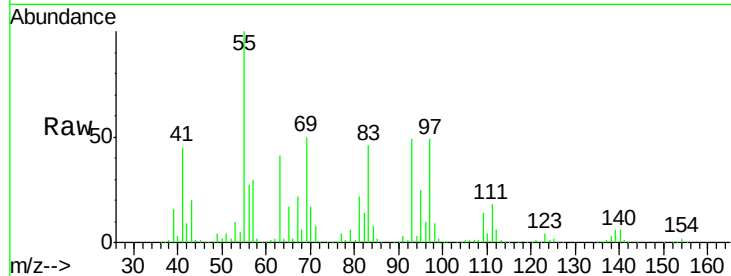




#11
bis(2-Chloroethyl)ether
Concen: 54.072 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

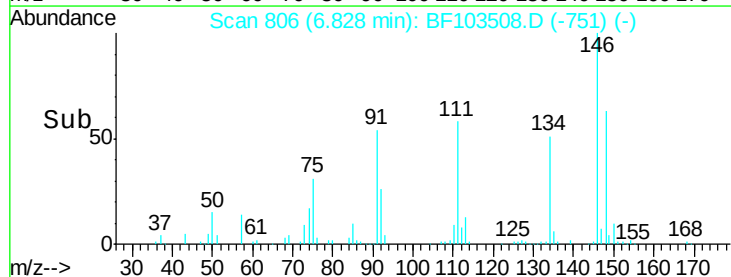
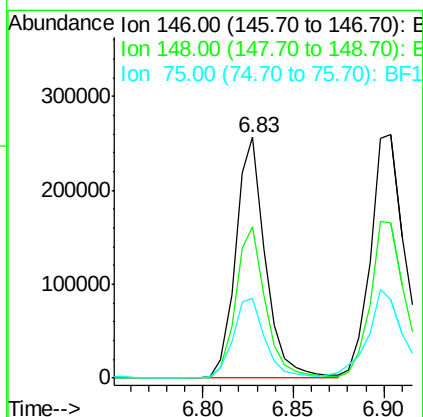
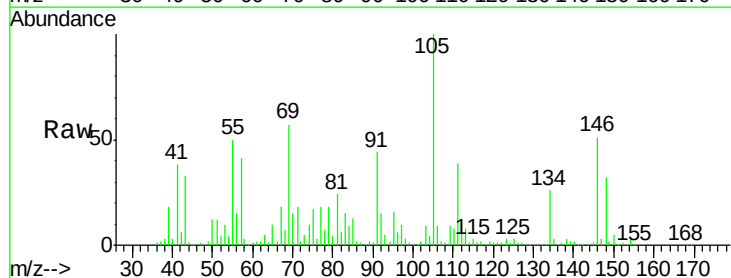
Instrument :
BNA_F
ClientSampleId :

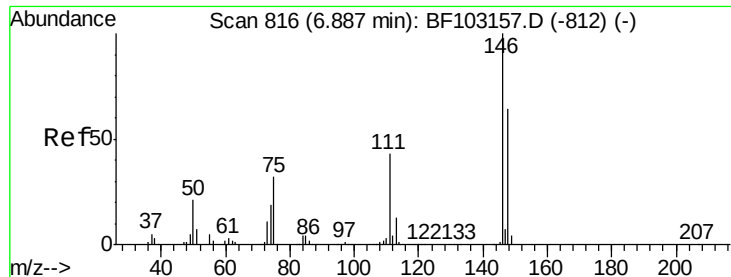
Tot Ion: 93 Resp: 359567
Ion Ratio Lower Upper
93 100
63 84.2 58.6 98.6
95 50.1 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.963 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion: 146 Resp: 292616
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 33.1 24.2 36.4

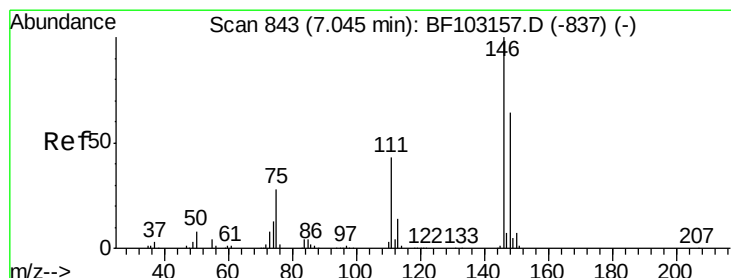
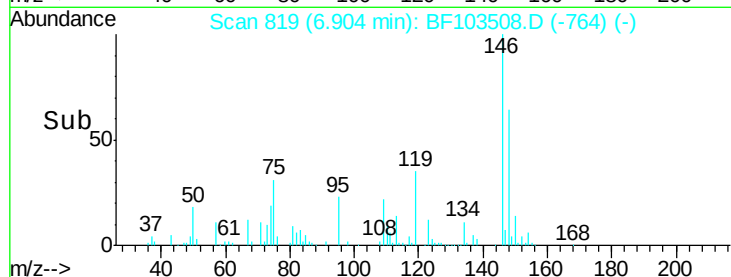
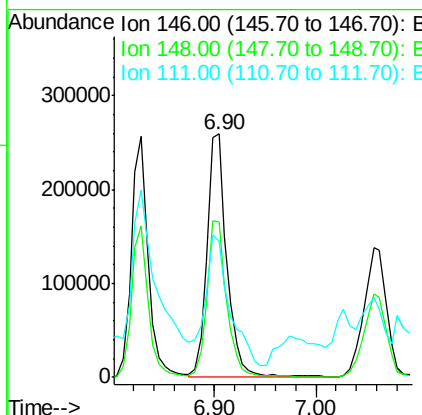
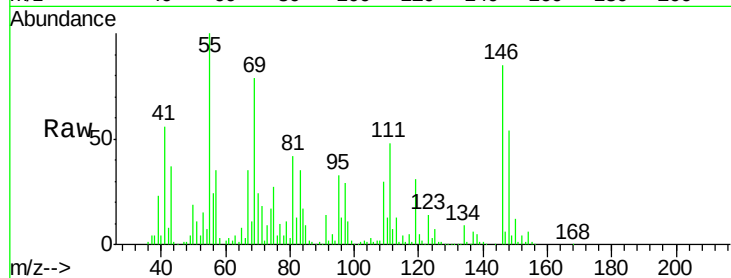




#13
 1,4-Dichlorobenzene
 Concen: 47.925 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

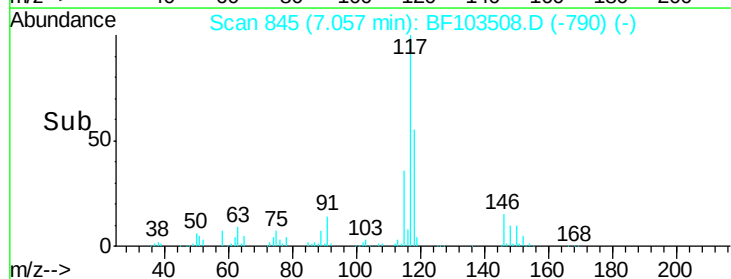
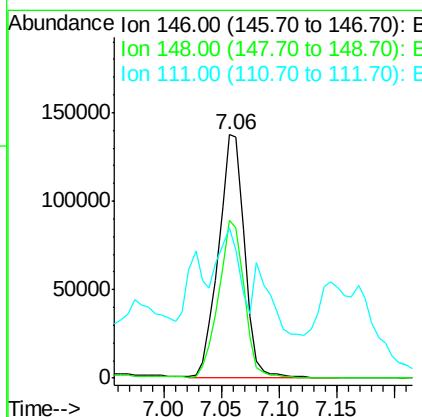
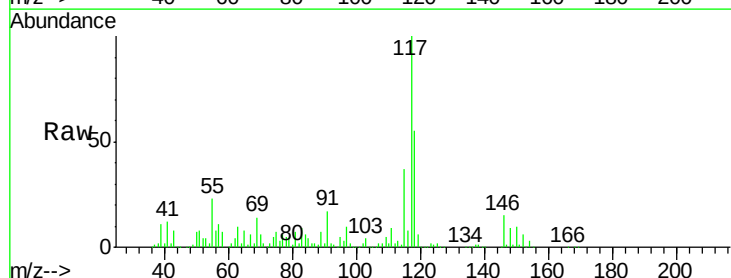
Instrument :
 BNA_F
 ClientSampled :

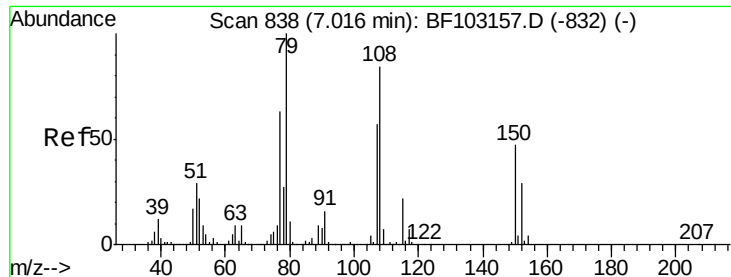
Tot Ion:146 Resp: 351822
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 56.1 34.2 51.2#



#14
 1,2-Dichlorobenzene
 Concen: 31.466 ng
 RT: 7.06 min Scan# 845
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:146 Resp: 212995
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 75.8
 111 61.4 36.0 54.0#





#15

Benzyl Alcohol

Concen: 46.639 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

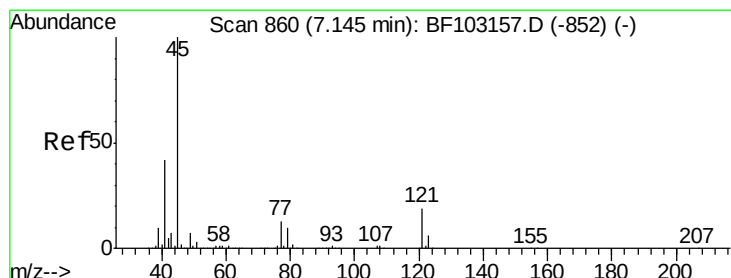
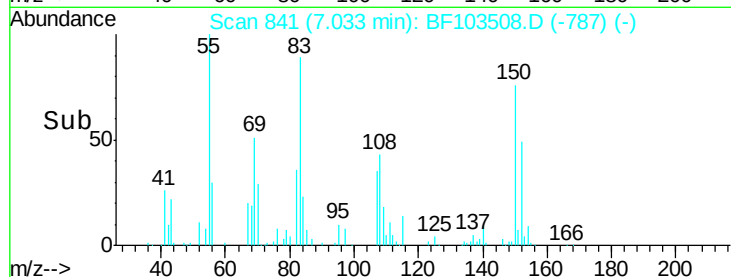
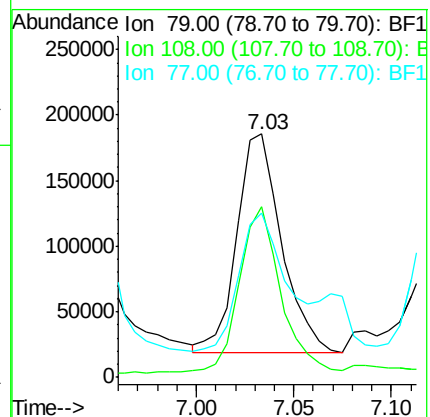
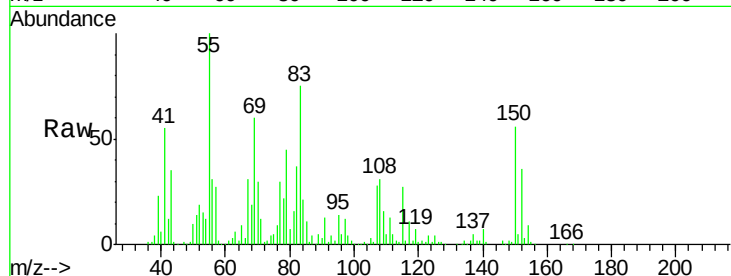
Tot Ion: 79 Resp: 265246

Ion Ratio Lower Upper

79 100

108 69.9 65.1 97.7

77 67.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.778 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.04 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

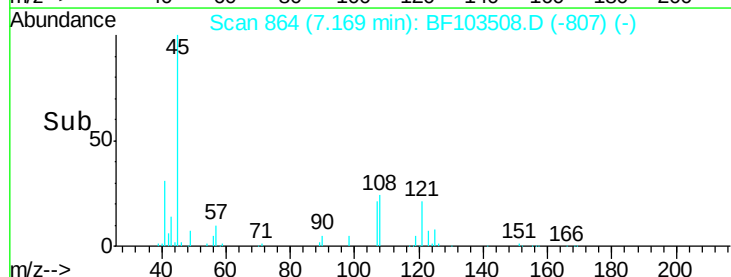
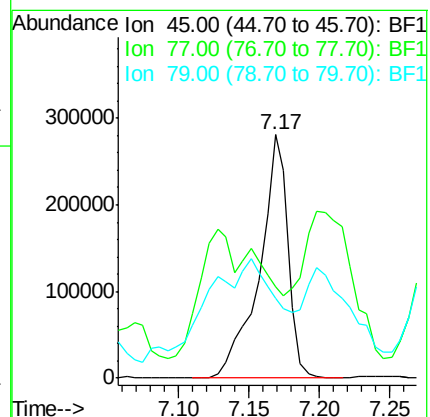
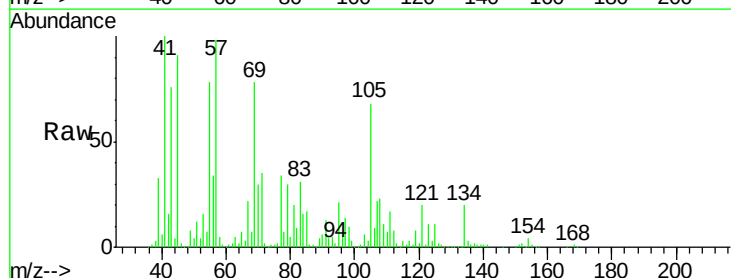
Tgt Ion: 45 Resp: 397136

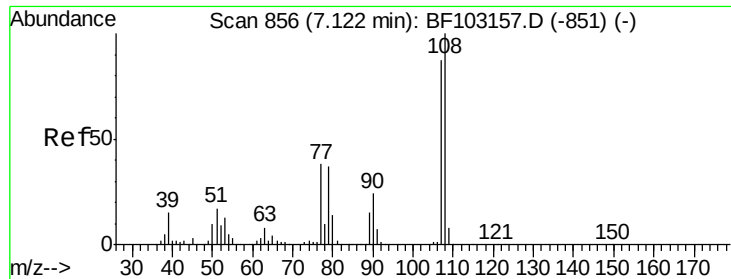
Ion Ratio Lower Upper

45 100

77 37.2 0.0 32.9#

79 32.9 0.0 29.6#

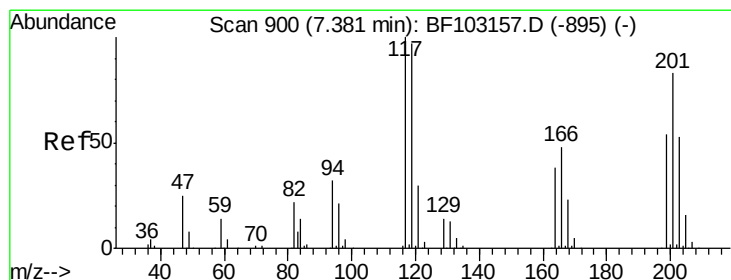
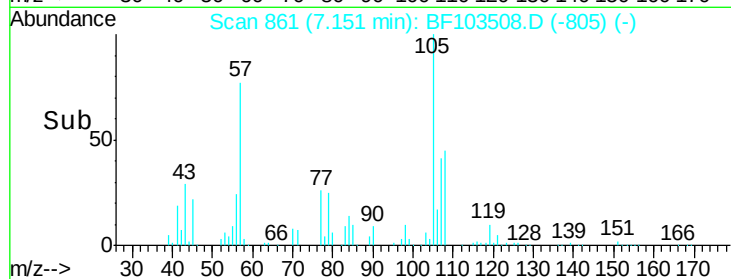
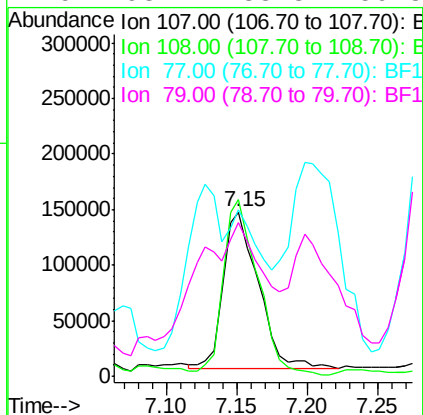
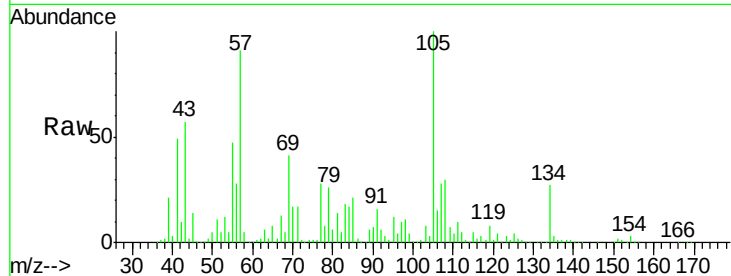




#17
2-Methylphenol
Concen: 41.815 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

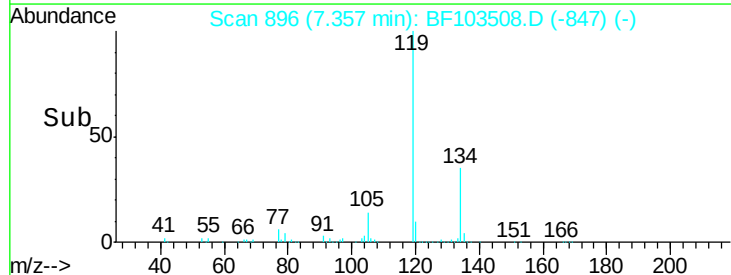
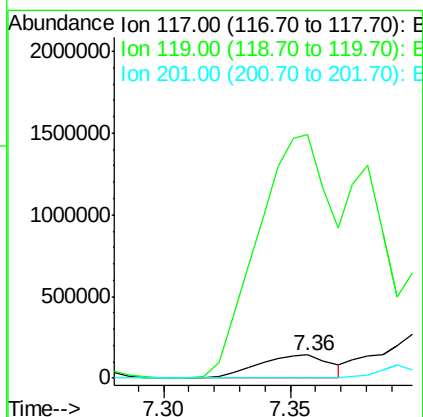
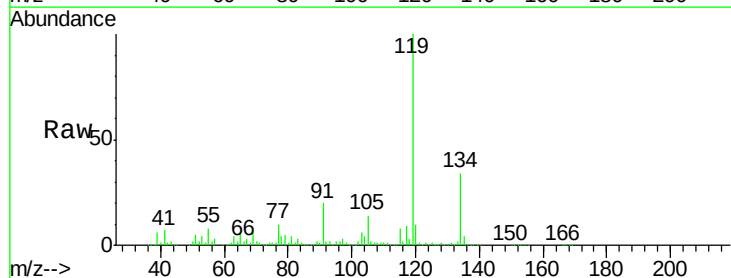
Instrument :
BNA_F
ClientSampled :

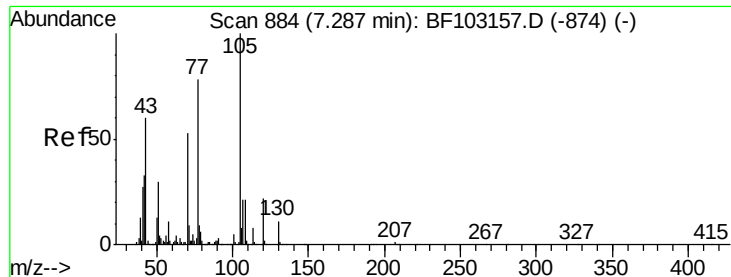
Tot Ion:107 Resp: 243483
Ion Ratio Lower Upper
107 100
108 107.1 91.7 137.5
77 101.5 33.8 50.8#
79 93.2 33.8 50.8#



#18
Hexachloroethane
Concen: 102.328 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:117 Resp: 273466
Ion Ratio Lower Upper
117 100
119 1066.2 75.8 113.8#
201 0.0 75.7 113.5#

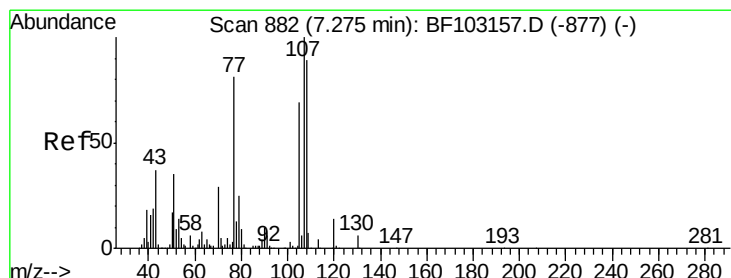
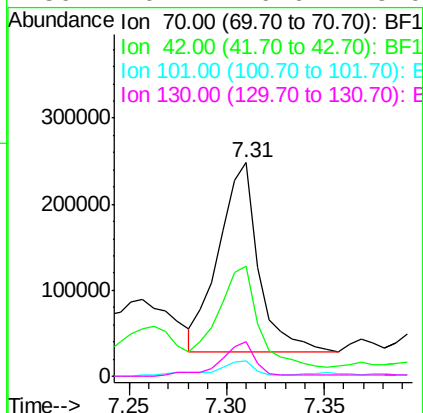
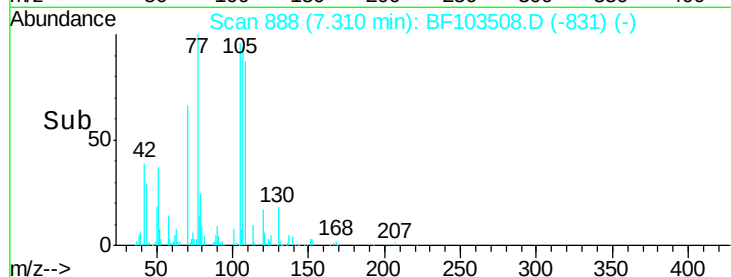
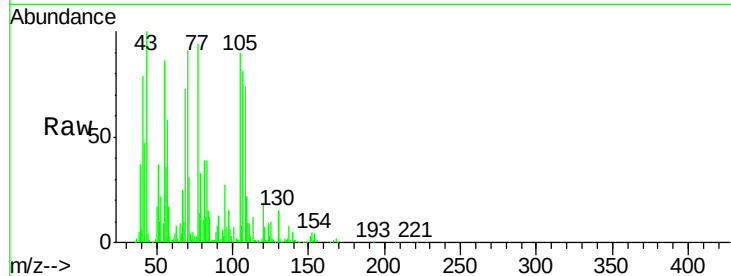




#19
n-Nitroso-di-n-propylamine
Concen: 65.823 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.04 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

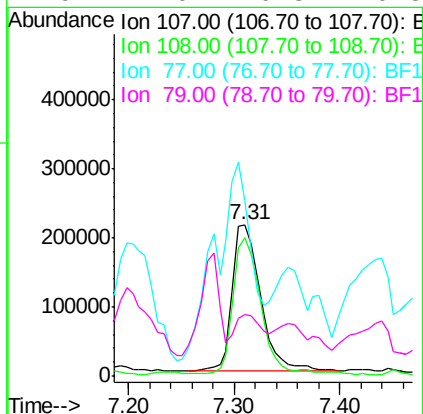
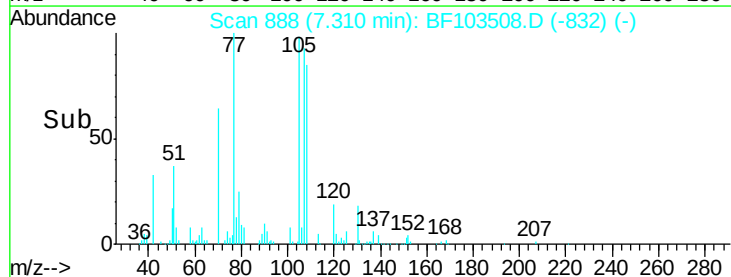
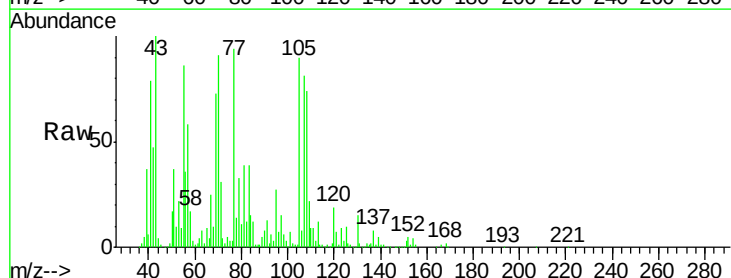
Instrument :
BNA_F
ClientSampleId :

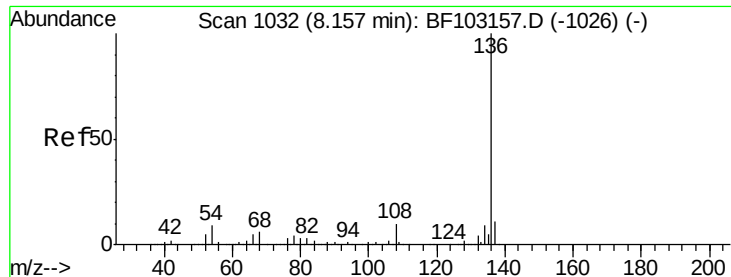
Tot Ion: 70 Resp: 309180
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 7.2 7.4 11.2#
130 16.4 16.6 25.0#



#20
3+4-Methylphenols
Concen: 55.082 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.03 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:107 Resp: 390966
Ion Ratio Lower Upper
107 100
108 91.4 68.2 108.2
77 116.1 26.7 66.7#
79 41.0 6.3 46.3

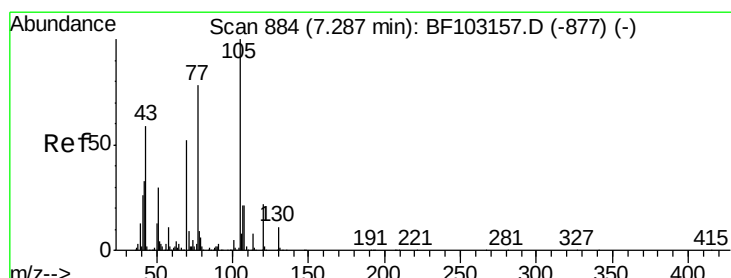
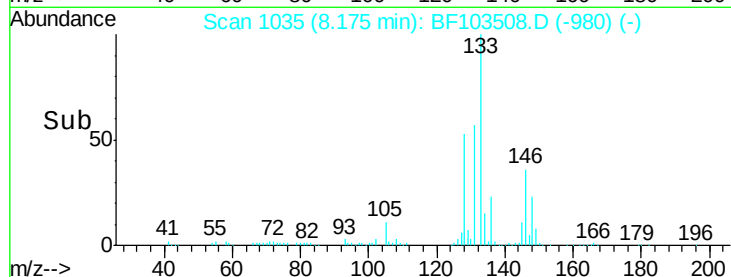
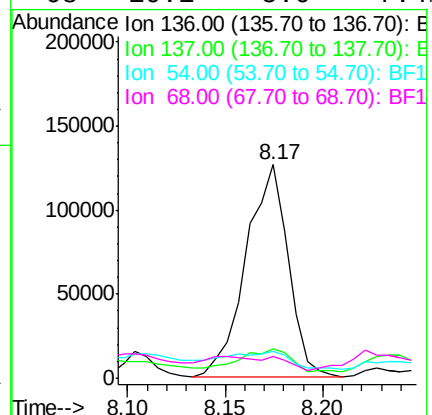
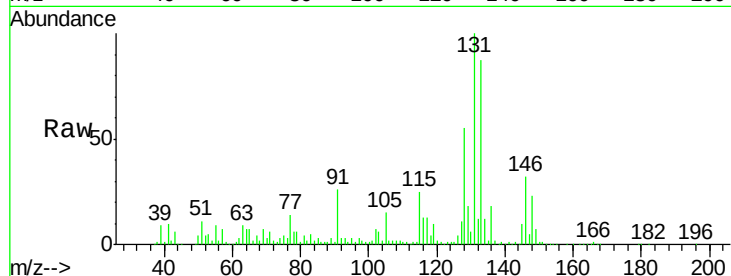




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

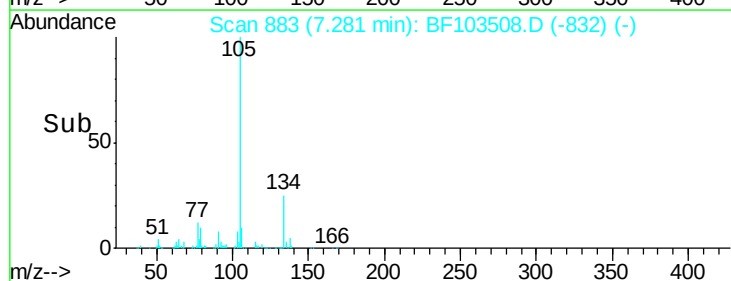
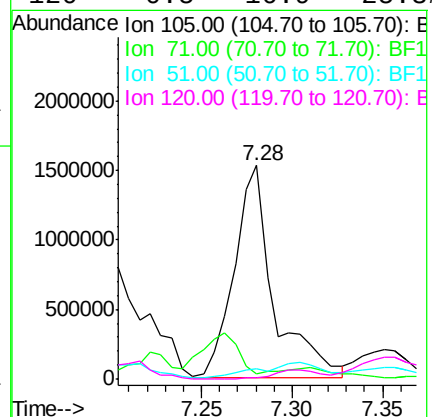
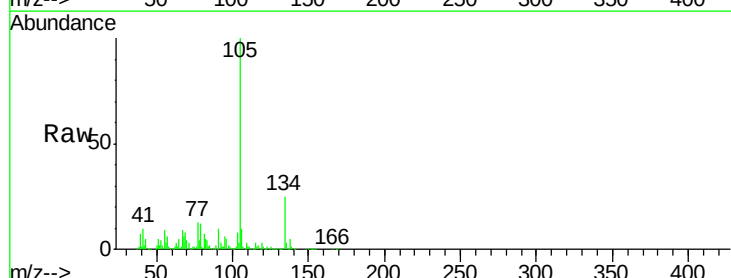
Instrument :
BNA_F
ClientSampleId :

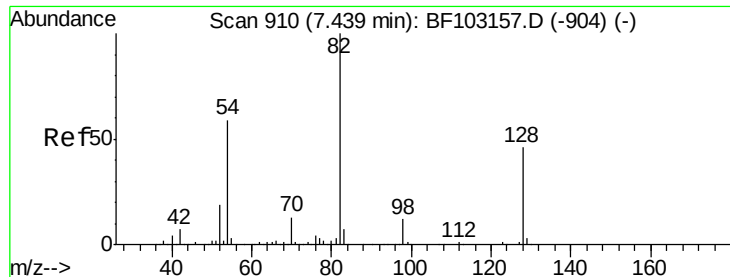
Tot Ion:136	Resp: 188673
Ion Ratio	Lower Upper
136 100	
137 13.9	8.9 13.3#
54 12.6	6.6 9.8#
68 10.1	5.0 7.4#



#22
Acetophenone
Concen: 524.966 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:105	Resp: 2311920
Ion Ratio	Lower Upper
105 100	
71 2.6	4.4 6.6#
51 4.7	22.3 33.5#
120 0.5	16.9 25.3#

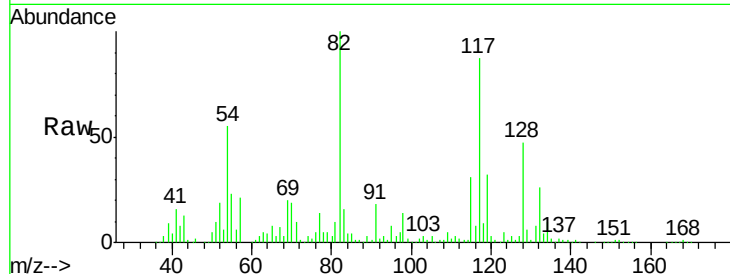




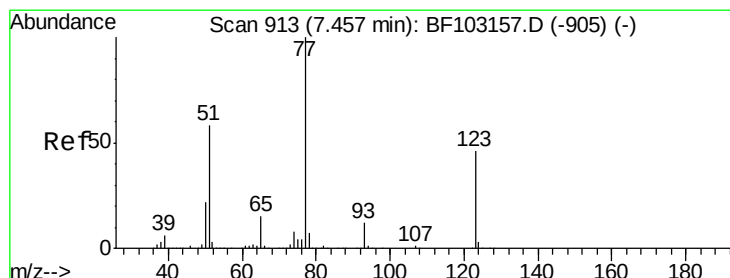
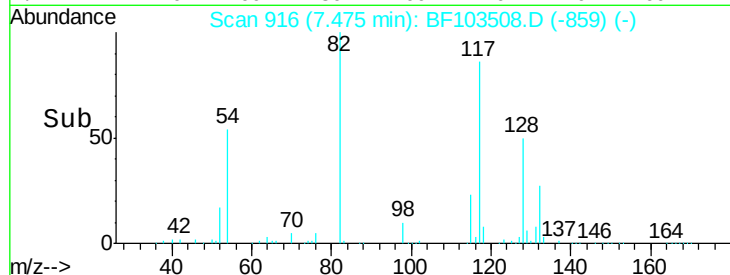
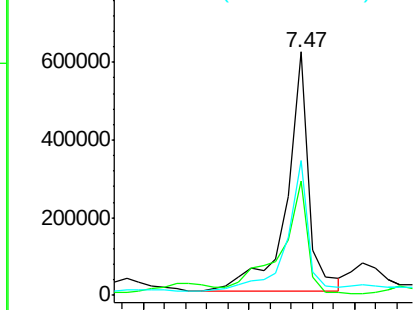
#23
 Nitrobenzene-d5
 Concen: 137.397 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.04 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	453927
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.1	54.1
54	55.3	41.4	62.2

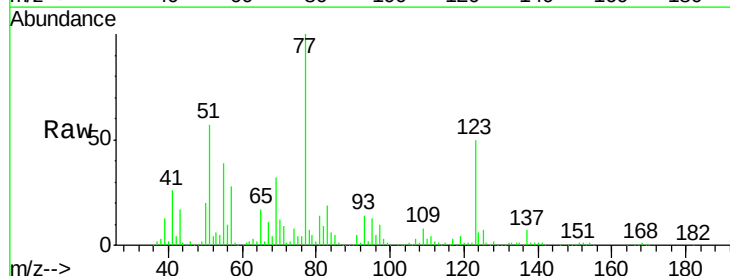


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

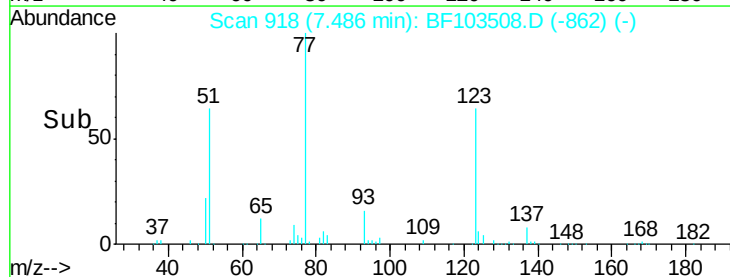
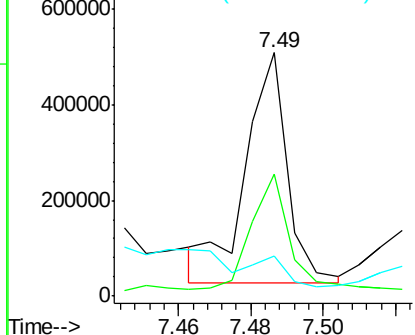


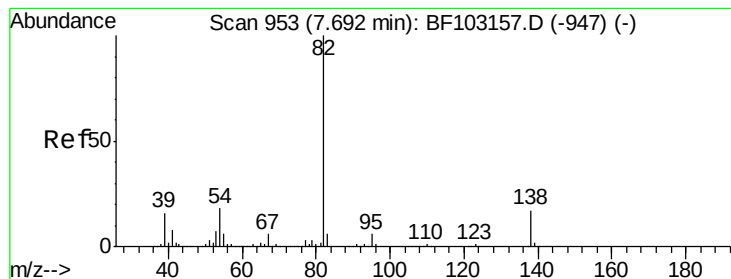
#24
 Nitrobenzene
 Concen: 108.026 ng
 RT: 7.49 min Scan# 918
 Delta R.T. 0.03 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	77	Resp	392937
Ion Ratio	Lower	Upper	
77	100		
123	50.3	37.9	56.9
65	16.7	11.0	16.4



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





#25

Isophorone

Concen: 123.850 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

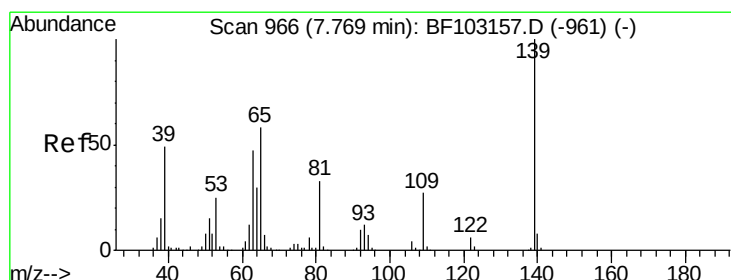
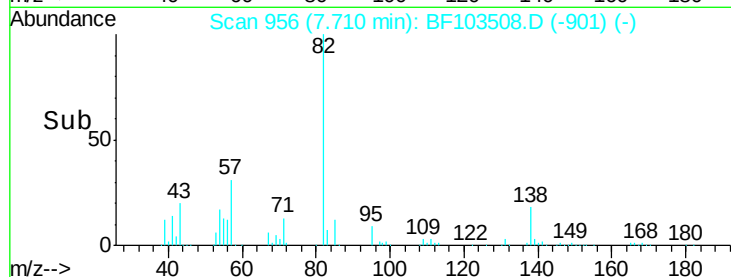
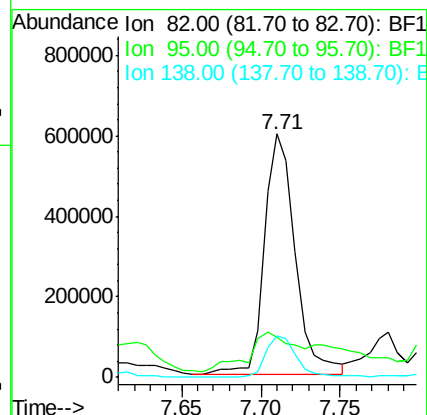
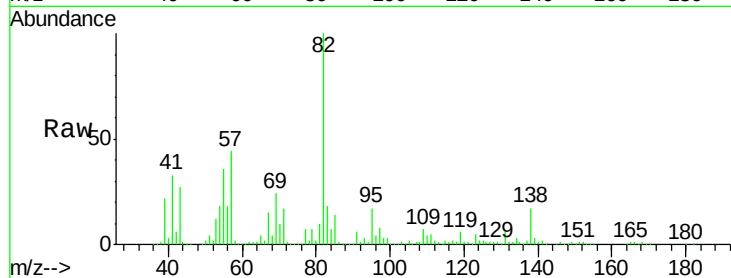
Tot Ion: 82 Resp: 805869

Ion Ratio Lower Upper

82 100

95 16.6 5.2 7.8#

138 17.0 14.9 22.3



#26

2-Nitrophenol

Concen: 78.197 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.03 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

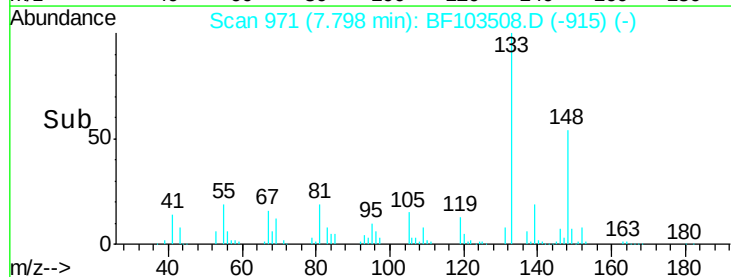
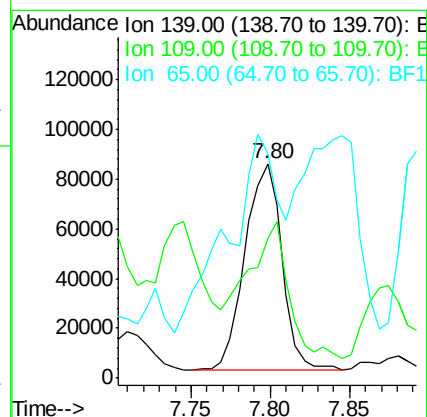
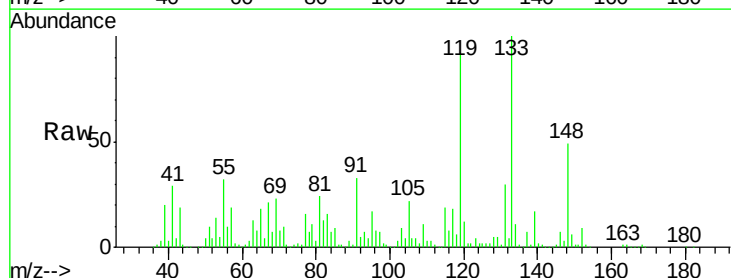
Tgt Ion: 139 Resp: 133902

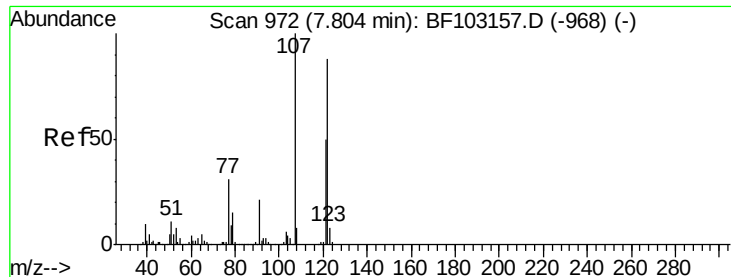
Ion Ratio Lower Upper

139 100

109 65.3 22.7 34.1#

65 104.6 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 61.438 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

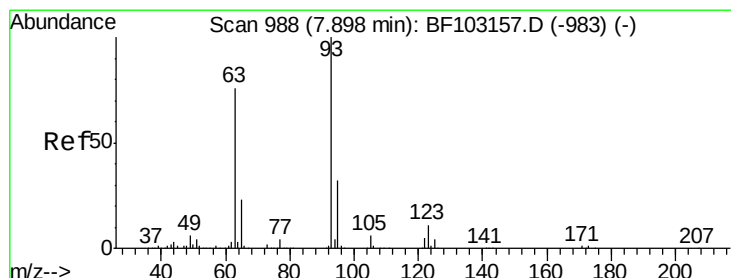
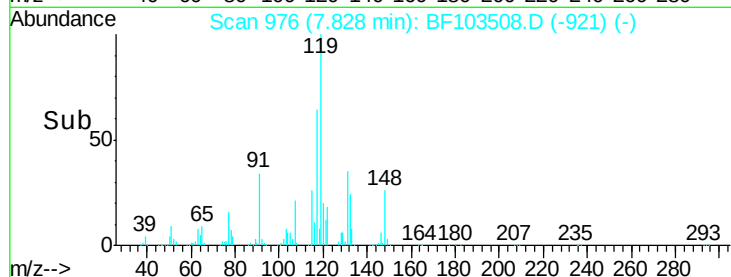
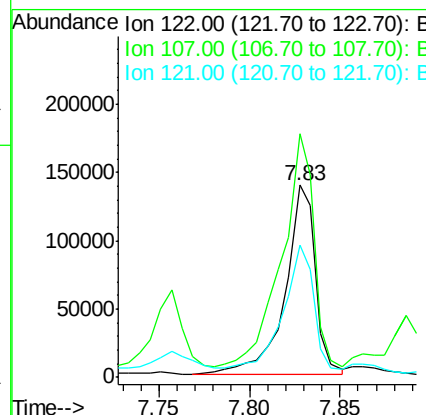
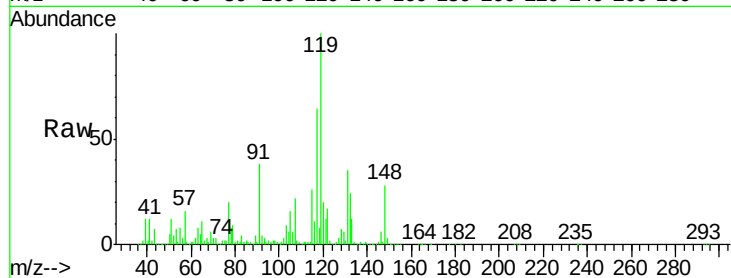
Tot Ion:122 Resp: 160810

Ion Ratio Lower Upper

122 100

107 126.9 91.2 136.8

121 68.6 47.2 70.8



#28

bis(2-Chloroethoxy)methane

Concen: 40.429 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

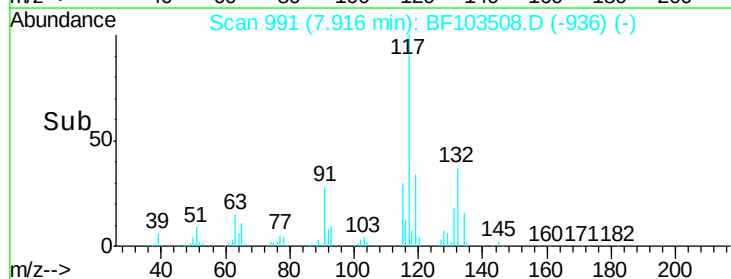
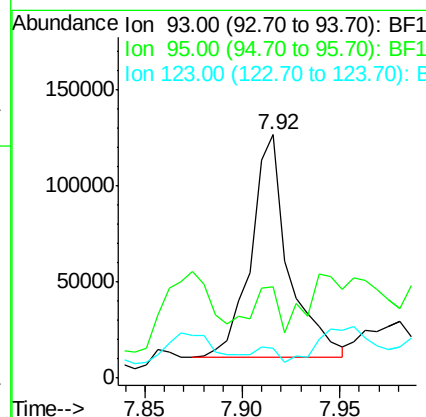
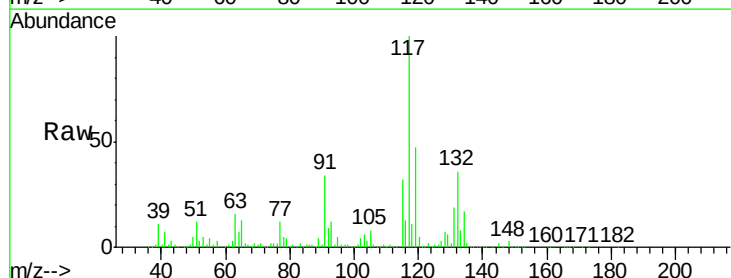
Tgt Ion: 93 Resp: 154666

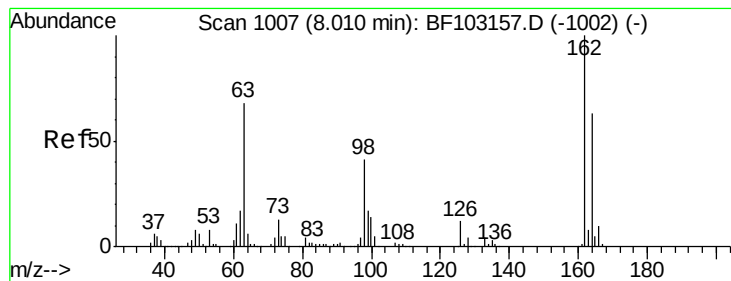
Ion Ratio Lower Upper

93 100

95 37.7 26.3 39.5

123 12.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 113.168 ng

RT: 8.05 min Scan# 1013

Delta R.T. 0.03 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

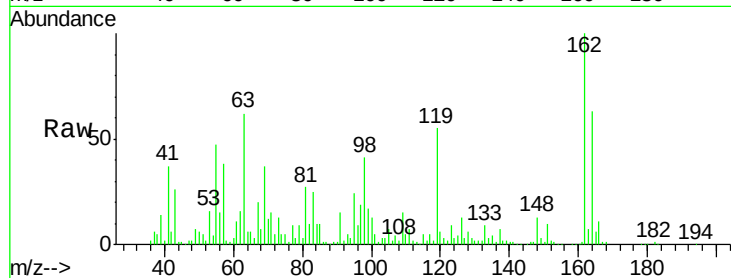
Tot Ion:162 Resp: 283594

Ion Ratio Lower Upper

162 100

164 63.3 42.7 82.7

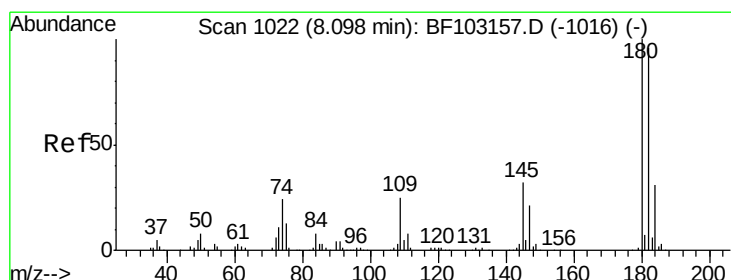
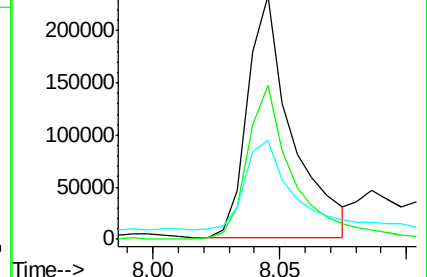
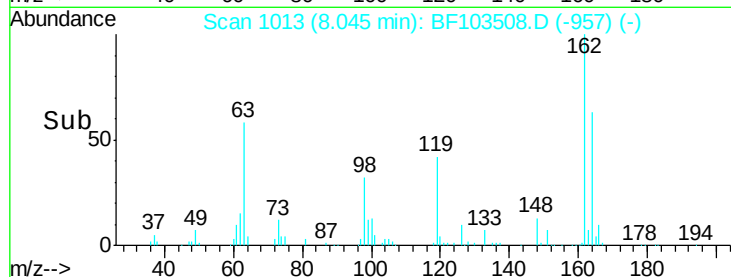
98 40.8 18.1 58.1



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: 92.114 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

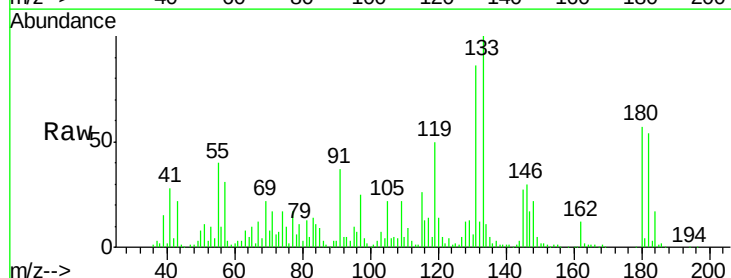
Tgt Ion:180 Resp: 245811

Ion Ratio Lower Upper

180 100

182 94.4 76.8 115.2

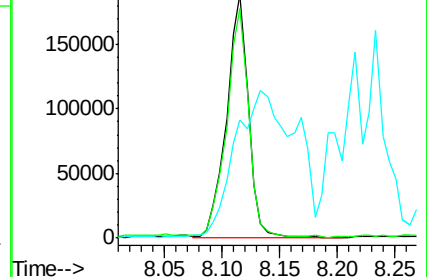
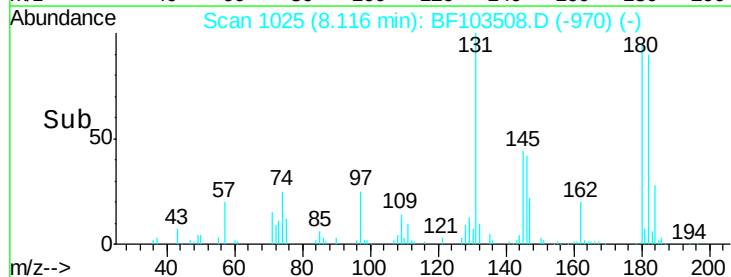
145 48.4 26.5 39.7#

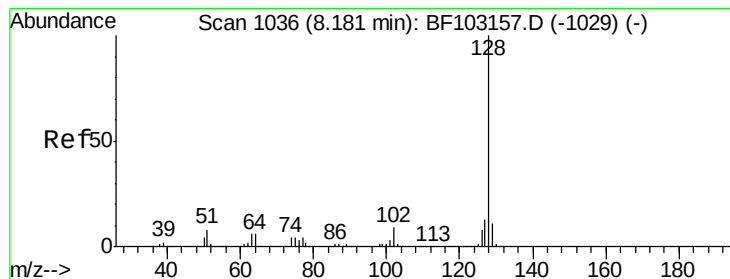


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 344.146 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.03 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

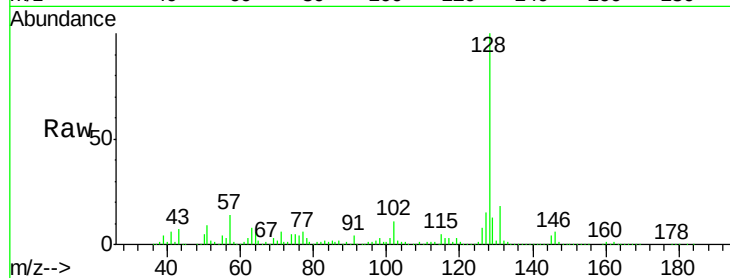
Tot Ion:128 Resp: 3178902

Ion Ratio Lower Upper

128 100

129 13.4 8.8 13.2#

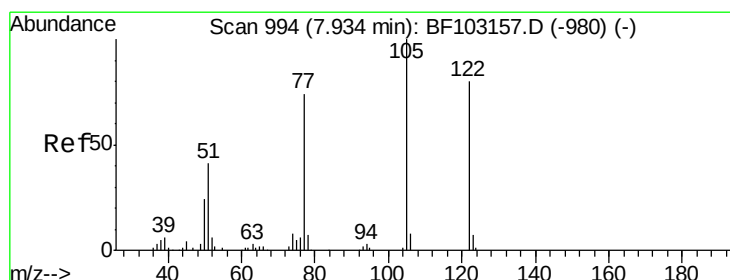
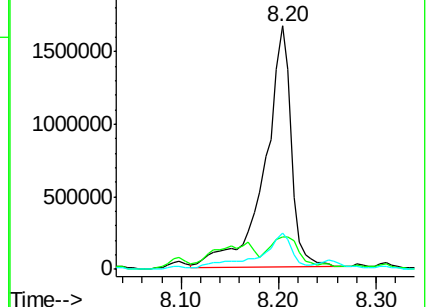
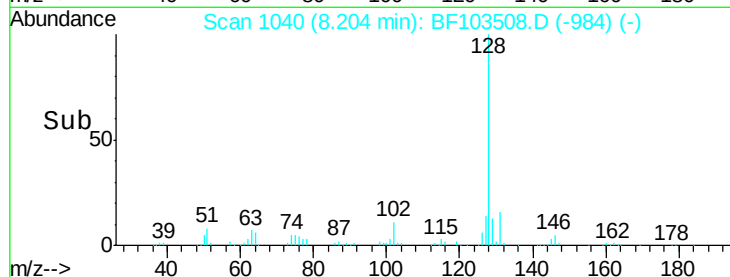
127 14.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 17.469 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

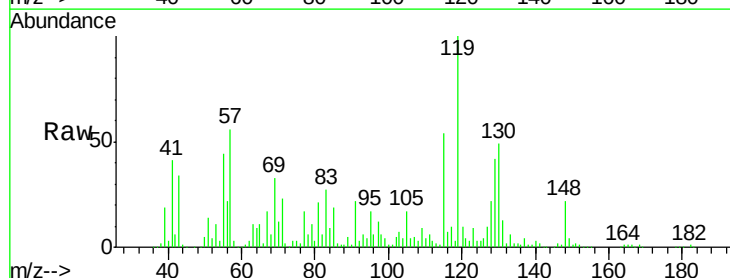
Tgt Ion:122 Resp: 23947

Ion Ratio Lower Upper

122 100

105 520.5 101.1 141.1#

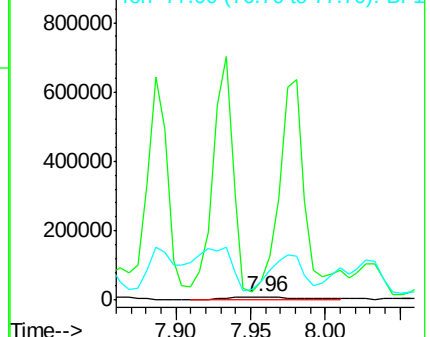
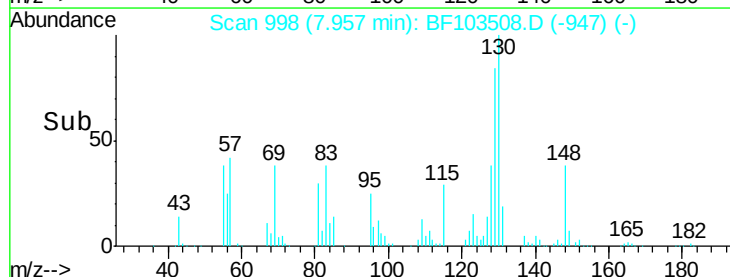
77 517.7 70.7 110.7#

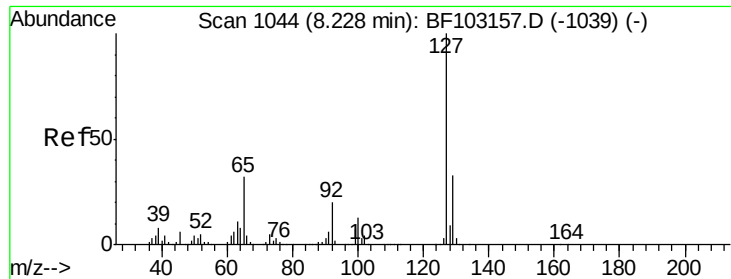


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

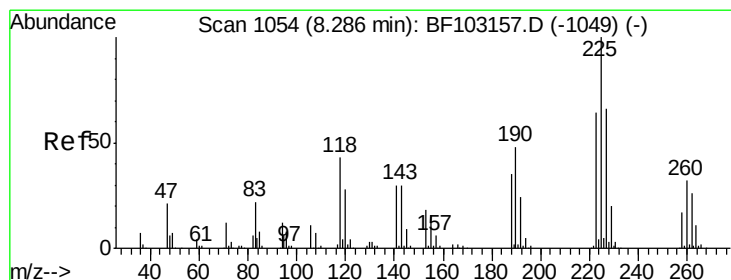
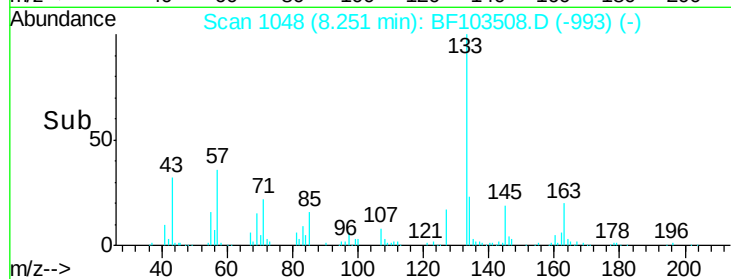
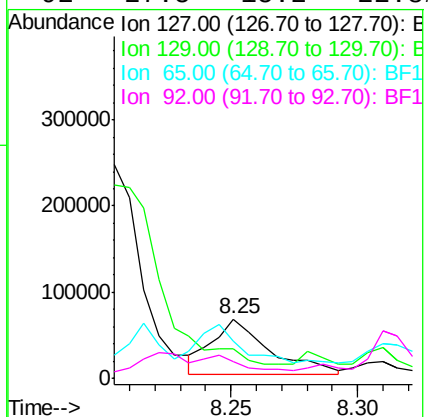
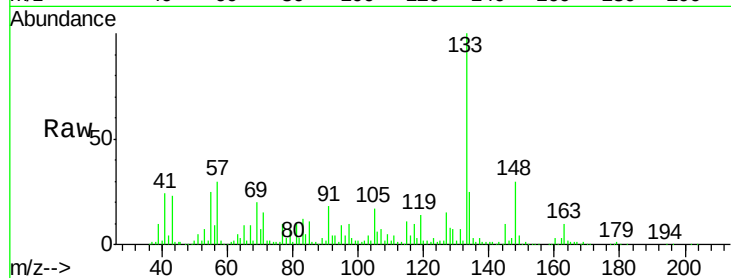




#33
4-Chloroaniline
Concen: 25.897 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

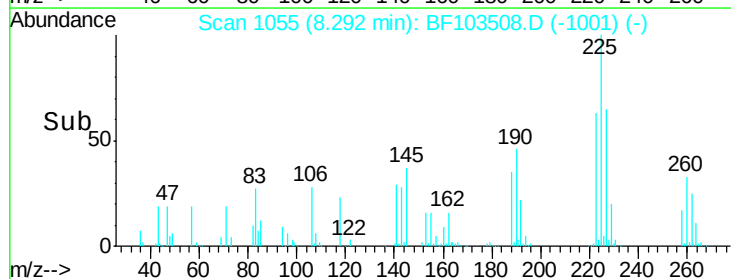
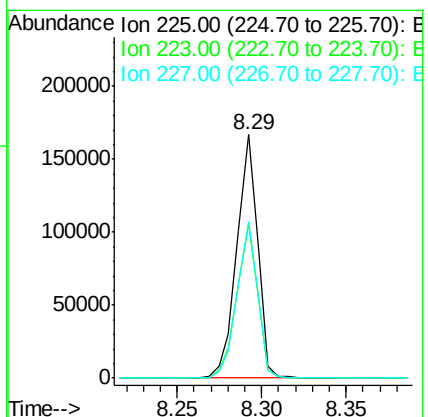
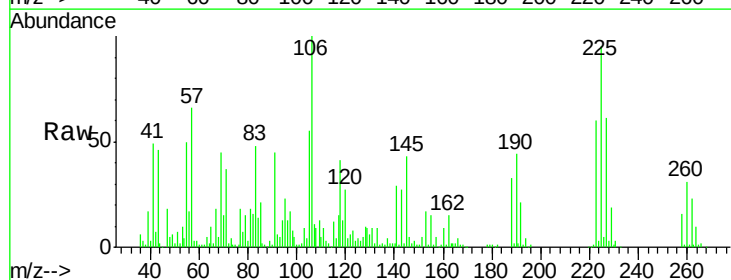
Instrument :
BNA_F
ClientSampleId :

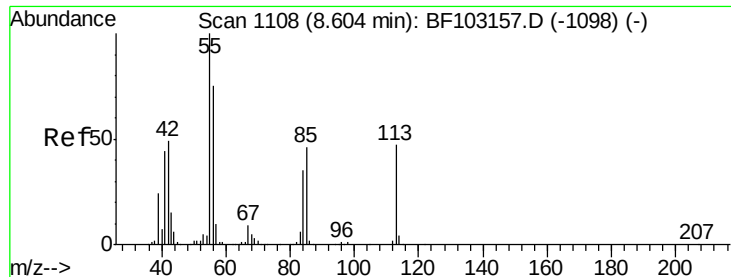
Tot Ion	Ratio	Lower	Upper
127	100		
129	49.5	25.9	38.9#
65	62.9	25.0	37.4#
92	27.5	15.2	22.8#



#34
Hexachlorobutadiene
Concen: 103.070 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	64.5	51.9	77.9

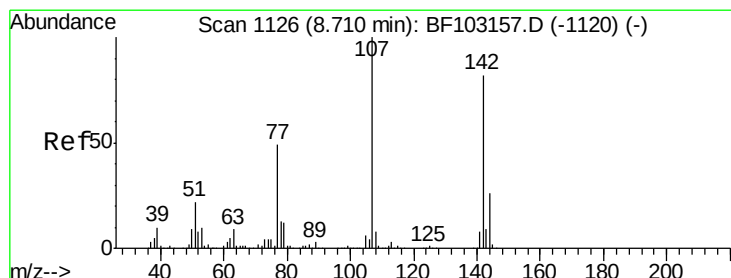
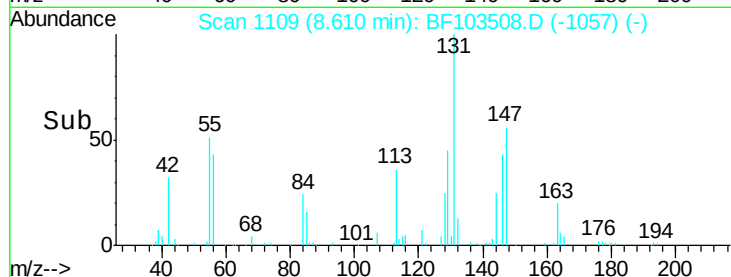
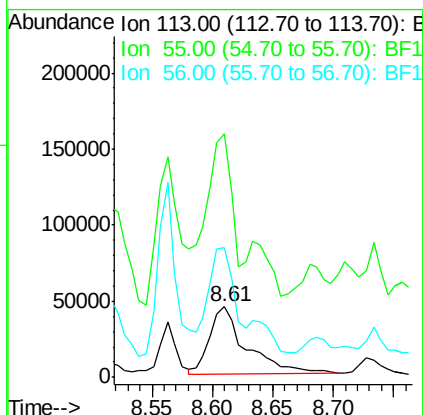
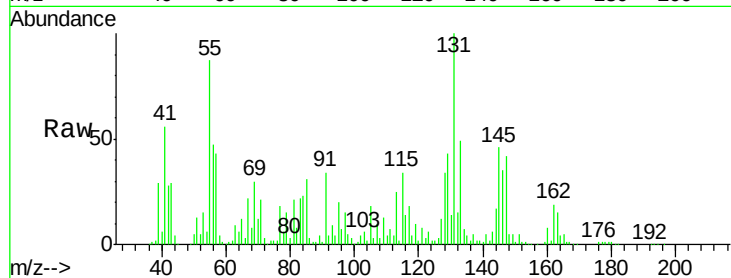




#35
 Caprolactam
 Concen: 105.878 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

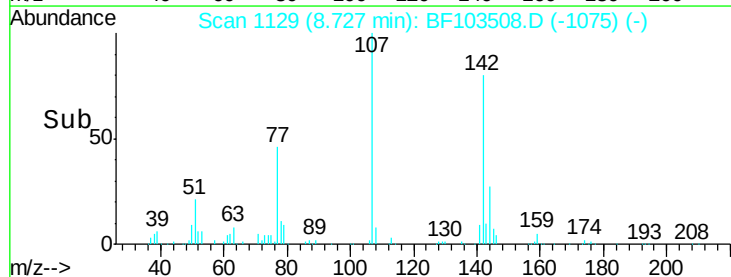
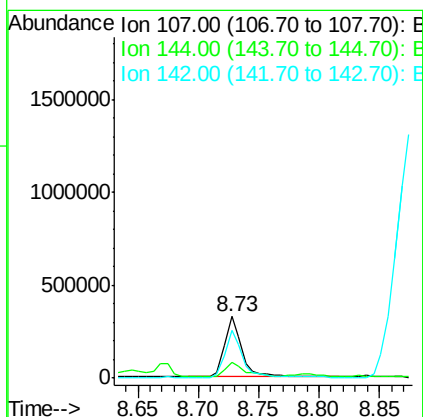
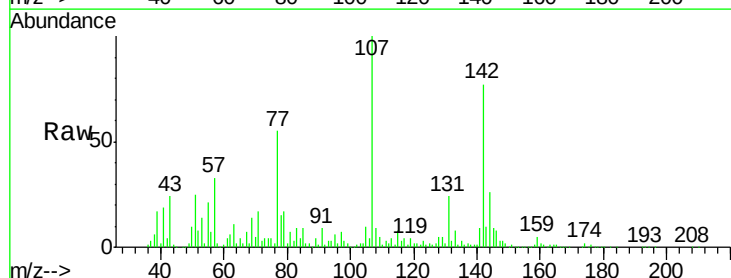
Instrument :
 BNA_F
 ClientSampleId :

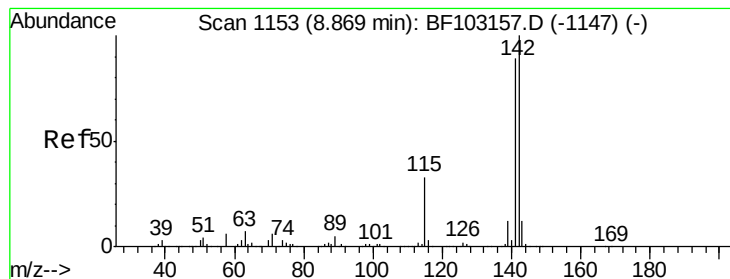
Tot Ion:113 Resp: 93250
 Ion Ratio Lower Upper
 113 100
 55 346.8 163.3 203.3#
 56 184.9 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 117.015 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.02 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:107 Resp: 330744
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 76.9 62.0 93.0





#37

2-Methylnaphthalene

Concen: 456.364 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

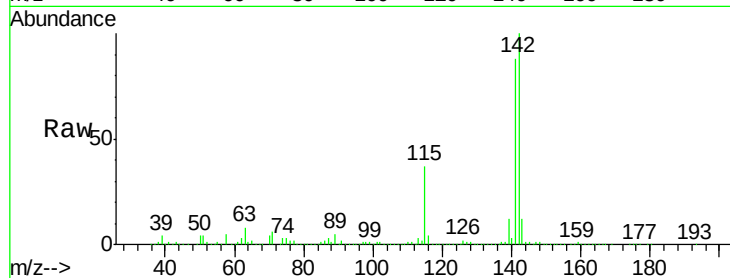
Tot Ion:142 Resp: 2724369

Ion Ratio Lower Upper

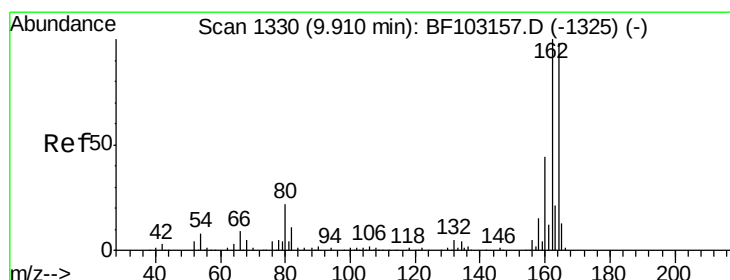
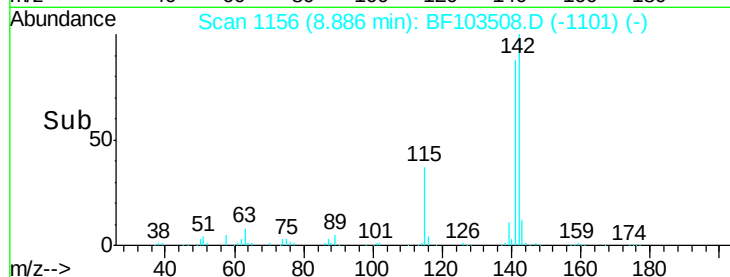
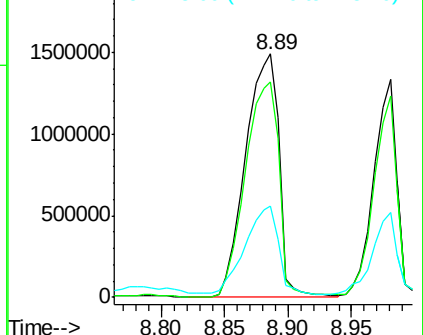
142 100

141 88.5 70.8 106.2

115 37.4 26.1 39.1



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

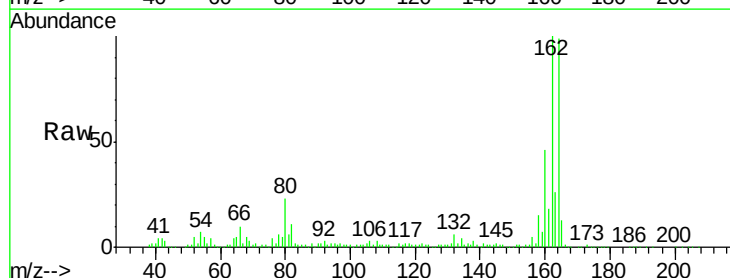
Tgt Ion:164 Resp: 220984

Ion Ratio Lower Upper

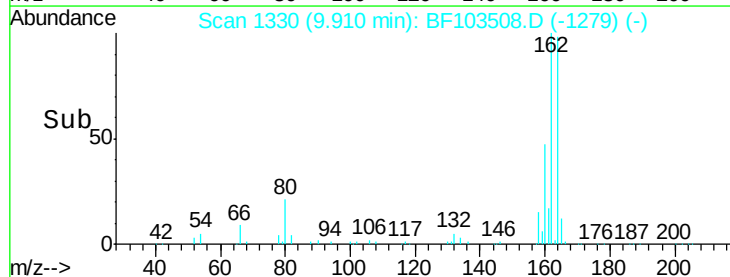
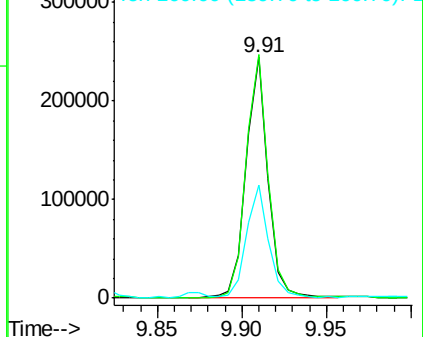
164 100

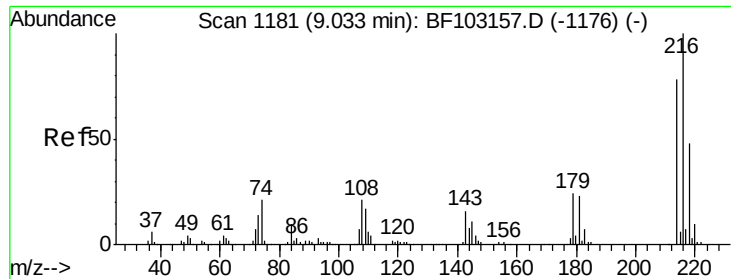
162 101.0 86.1 129.1

160 46.7 38.3 57.5



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

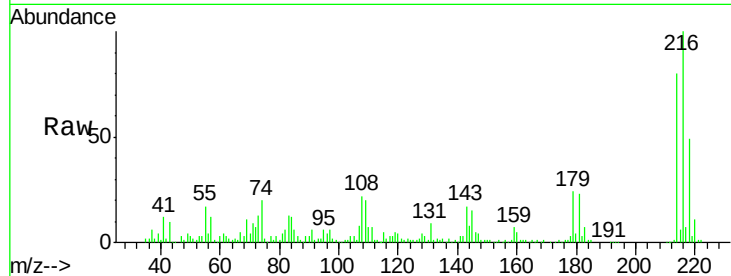




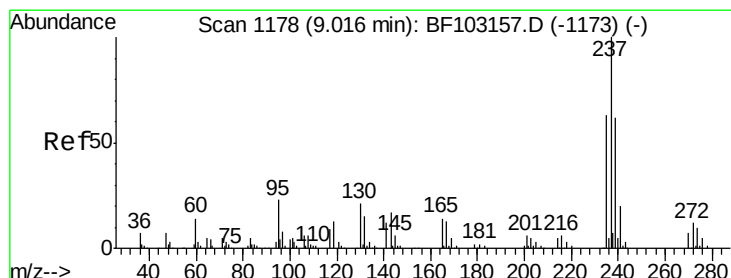
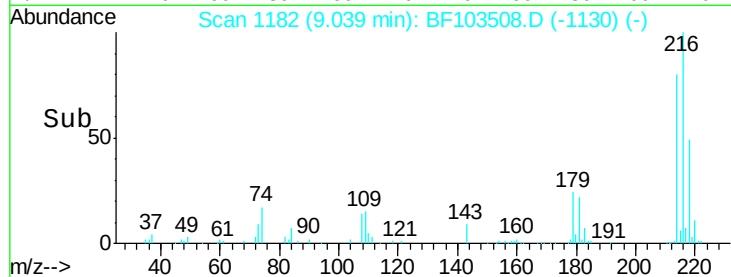
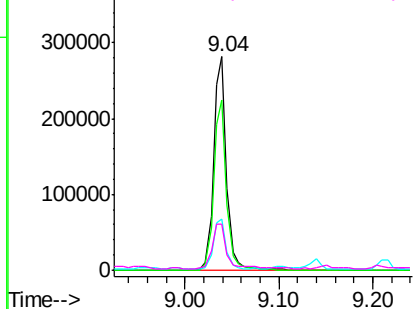
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.414 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	274355
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.0	94.4
179	23.0	18.1	27.1
108	21.8	17.2	25.8

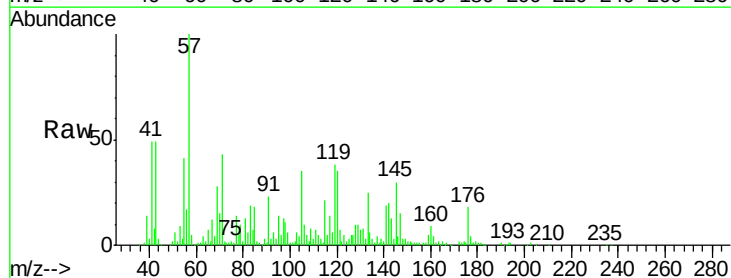


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

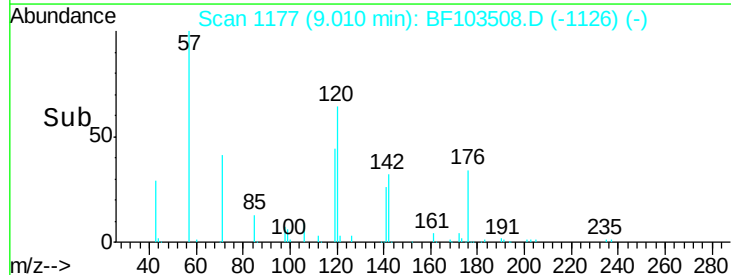
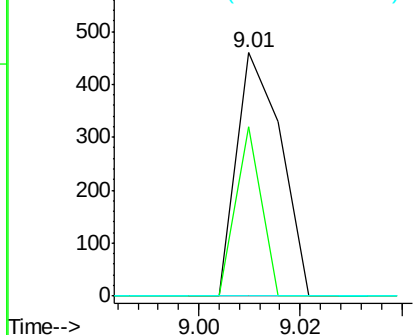


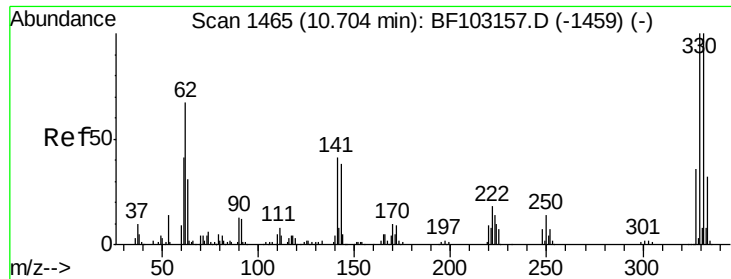
#40
 Hexachlorocyclopentadiene
 Concen: 8.998 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:	237	Resp:	279
Ion	Ratio	Lower	Upper
237	100		
235	69.8	44.8	84.8
272	0.0	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

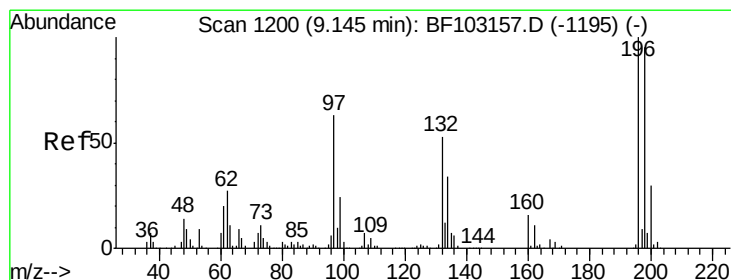
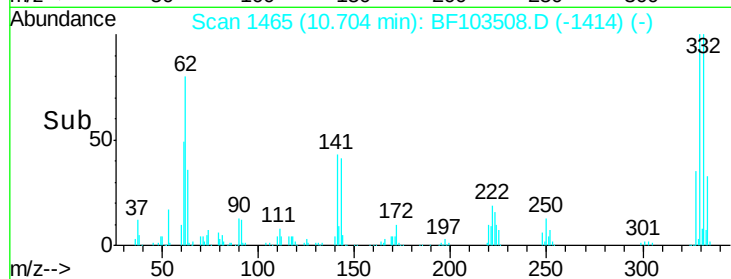
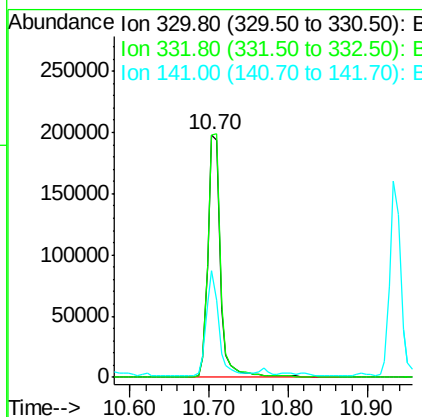
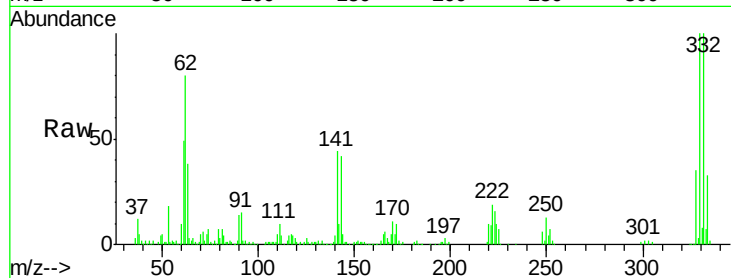




#41
 2,4,6-Tribromophenol
 Concen: 117.325 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

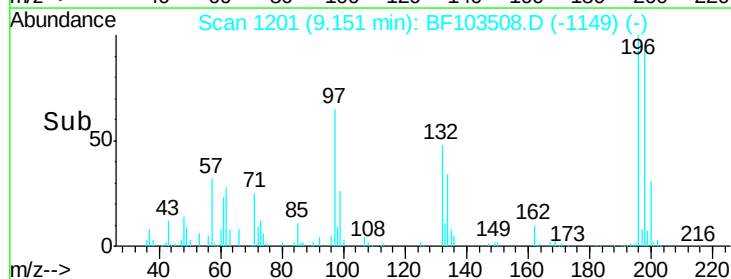
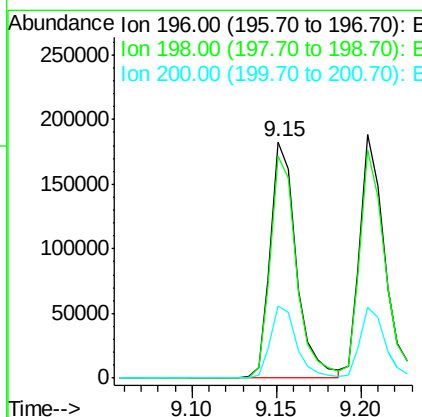
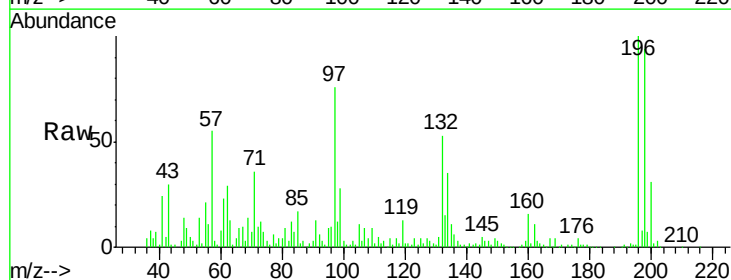
Instrument :
 BNA_F
 ClientSampleId :

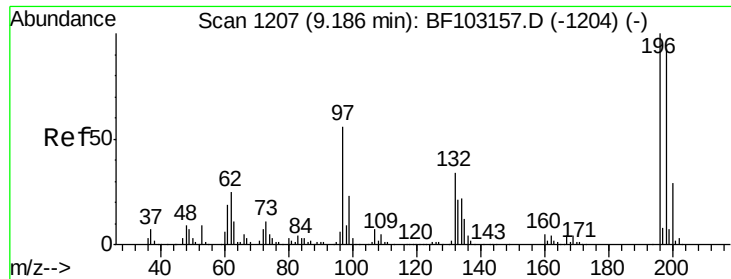
Tot Ion	Ratio	Lower	Upper
330	100		
332	101.6	77.0	115.6
141	42.6	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 48.200 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	30.8	24.5	36.7

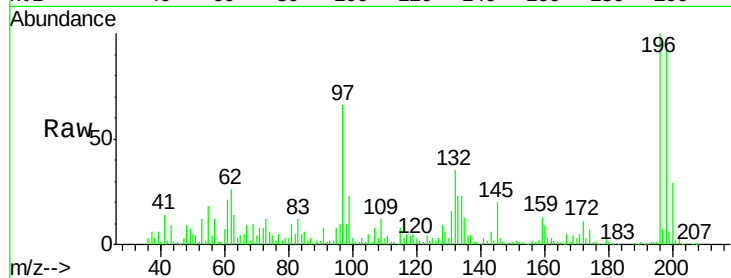




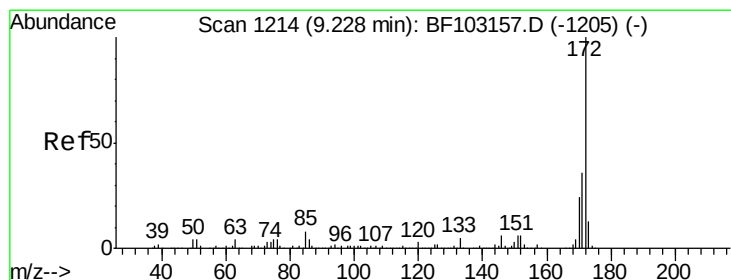
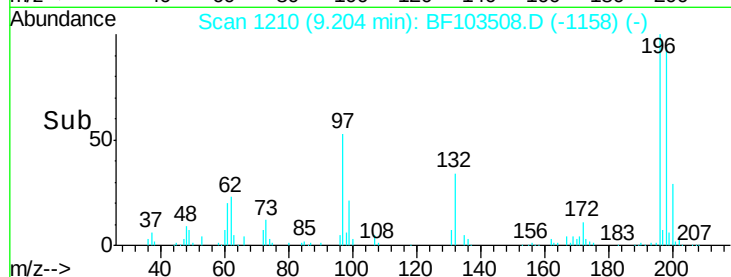
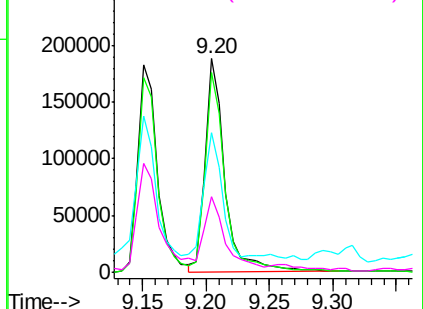
#43
 2,4,5-Trichlorophenol
 Concen: 43.350 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	74.6	112.0
97	65.5	42.9	64.3
132	35.3	26.3	39.5

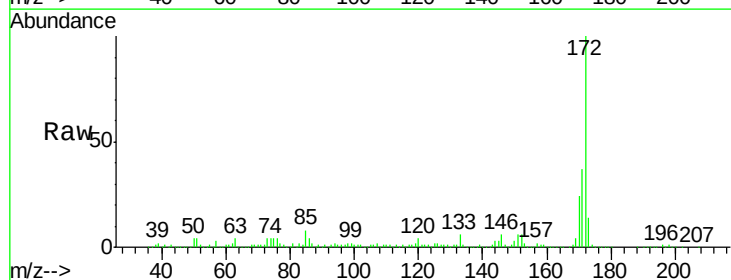


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

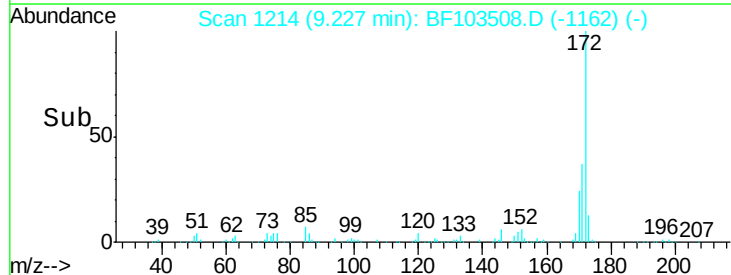
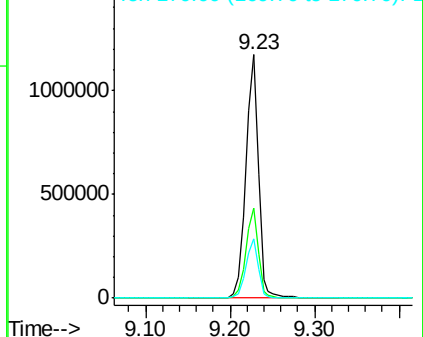


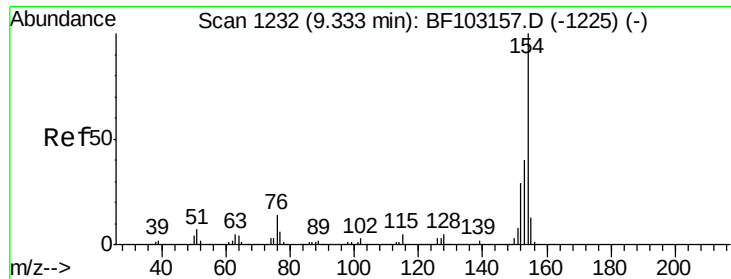
#44
 2-Fluorobiphenyl
 Concen: 96.797 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.1	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

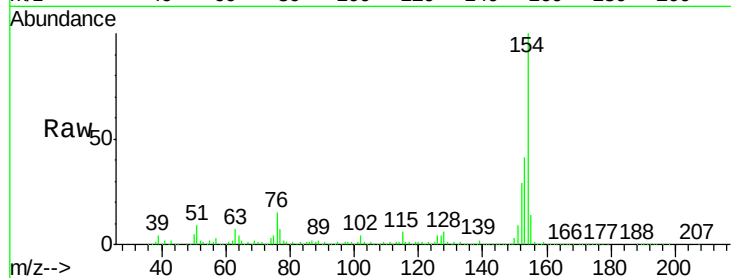




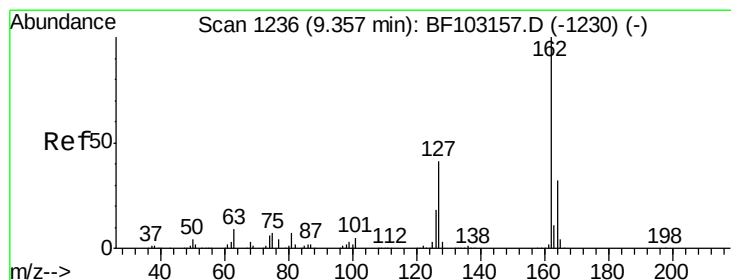
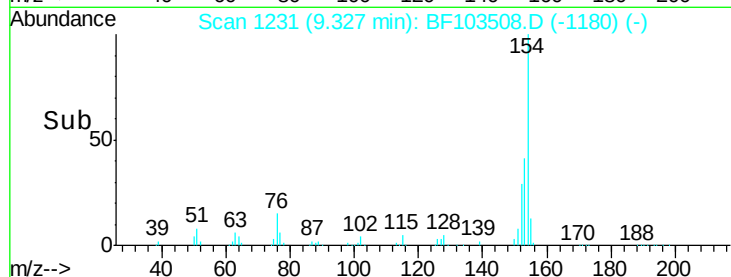
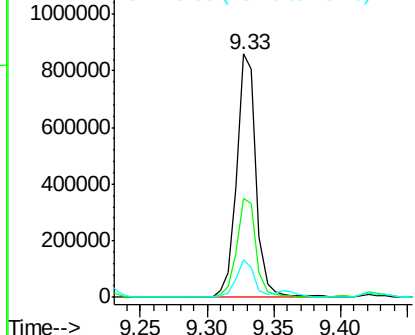
#45
 1,1'-Biphenyl
 Concen: 47.418 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 878062
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 15.2 0.0 34.0

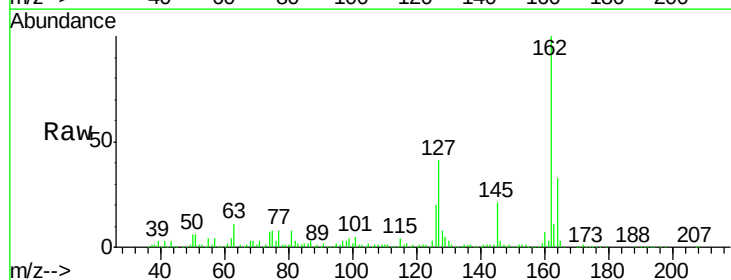


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

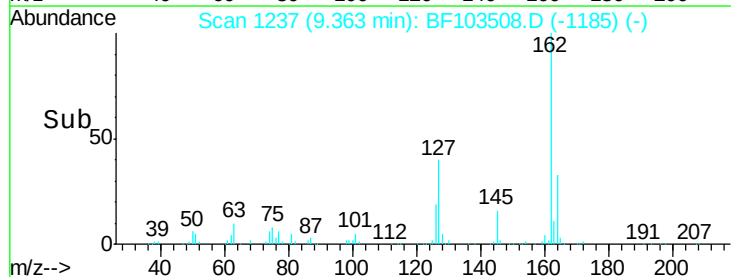
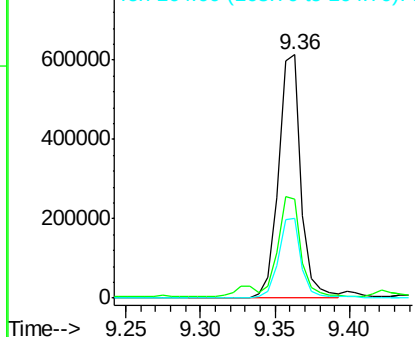


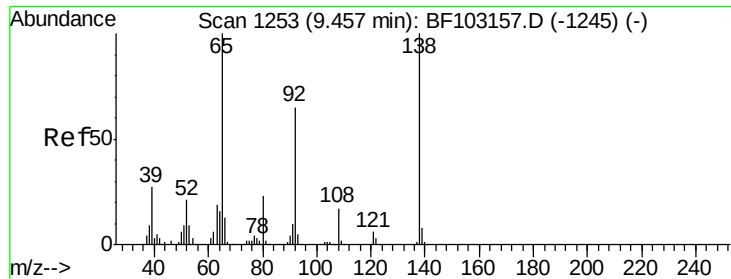
#46
 2-Chloronaphthalene
 Concen: 44.256 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:162 Resp: 648339
 Ion Ratio Lower Upper
 162 100
 127 40.6 33.9 50.9
 164 32.7 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: 53.084 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

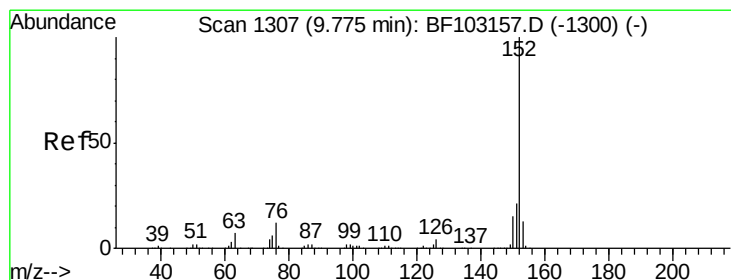
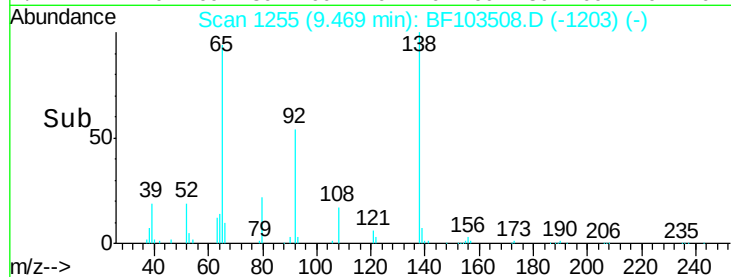
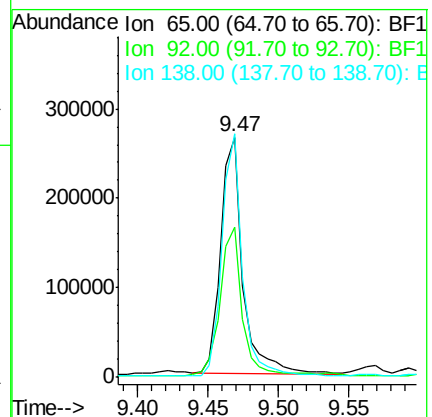
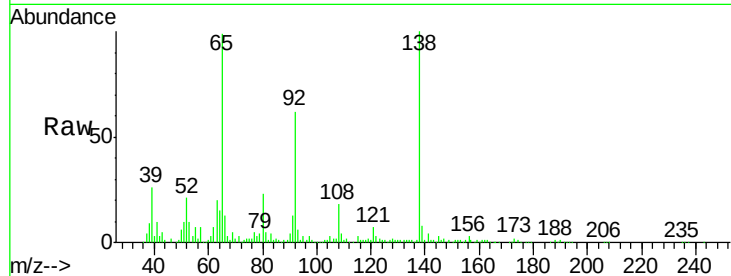
Tot Ion: 65 Resp: 288061

Ion Ratio Lower Upper

65 100

92 62.8 55.8 83.6

138 101.4 91.2 136.8



#48

Acenaphthylene

Concen: 42.385 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

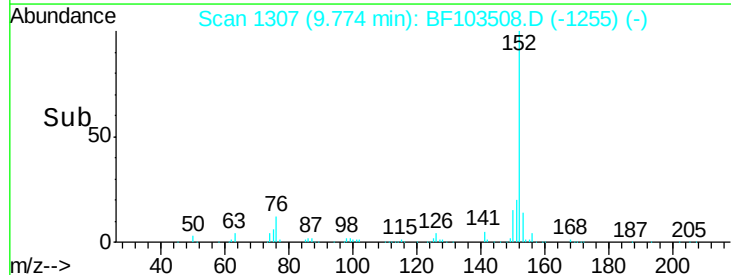
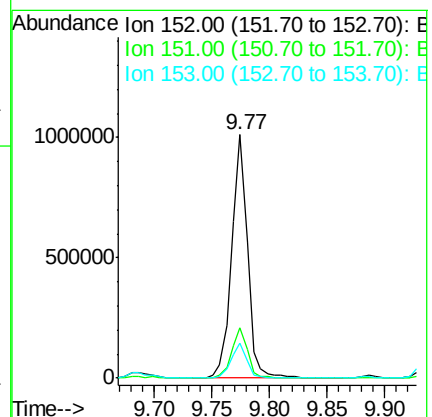
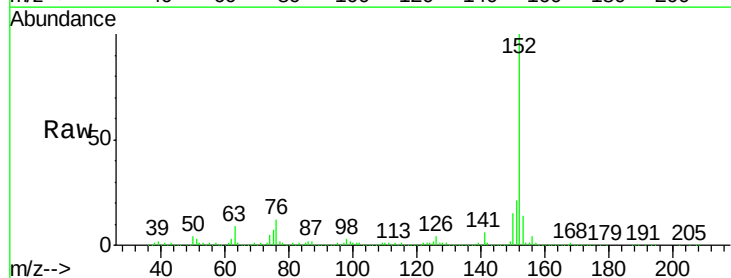
Tgt Ion: 152 Resp: 955352

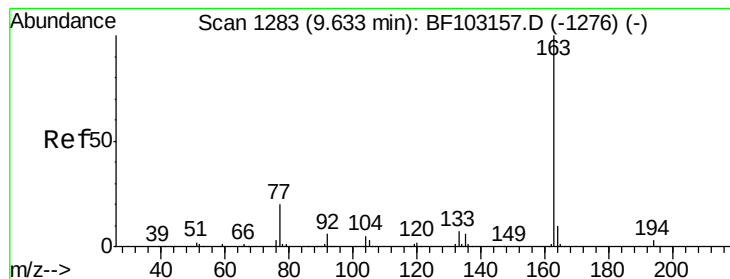
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.1 10.7 16.1





#49

Dimethylphthalate

Concen: 47.938 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

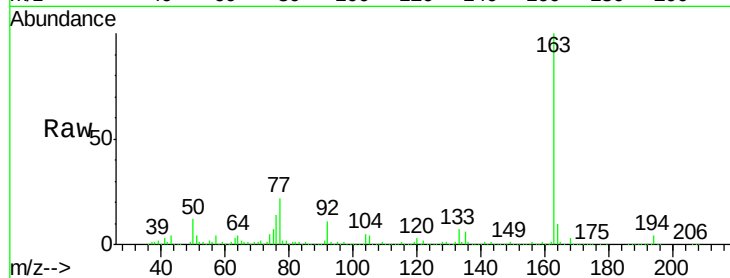
Tot Ion:163 Resp: 849825

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

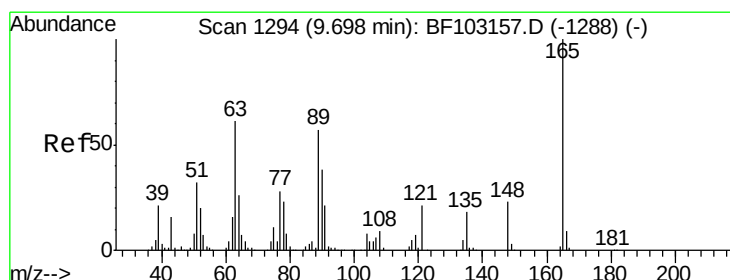
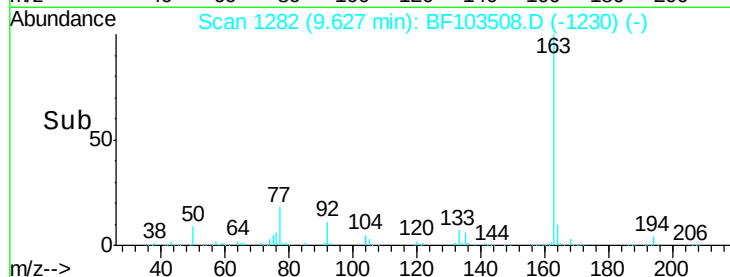
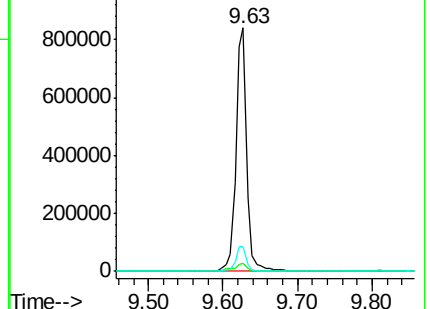
164 10.1 8.2 12.2



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: 41.842 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

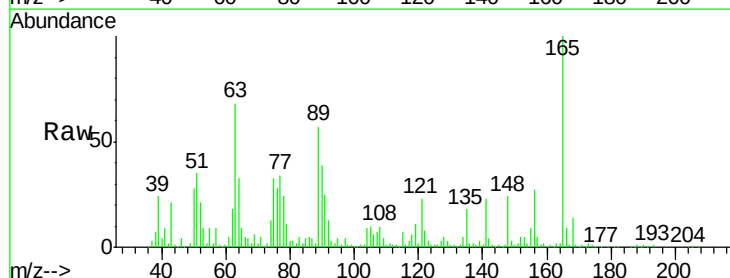
Tgt Ion:165 Resp: 155663

Ion Ratio Lower Upper

165 100

63 67.8 44.7 67.1#

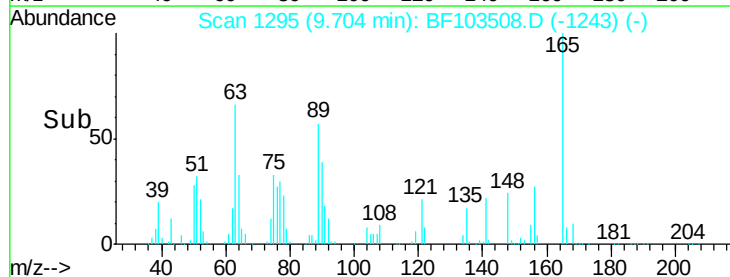
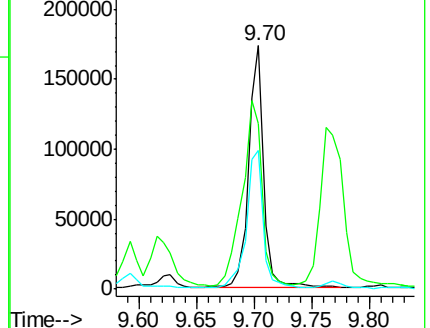
89 57.2 44.0 66.0

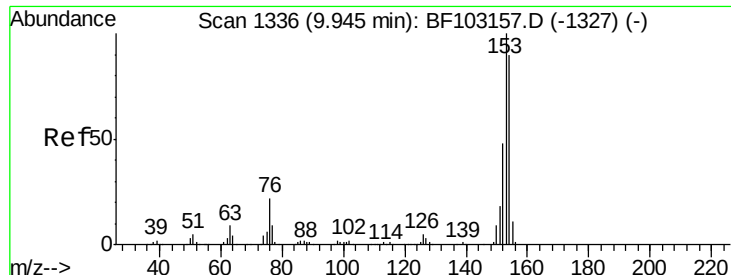


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.373 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

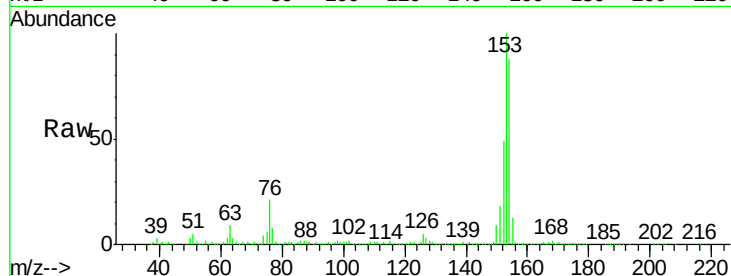
Tot Ion:154 Resp: 583214

Ion Ratio Lower Upper

154 100

153 113.3 91.2 136.8

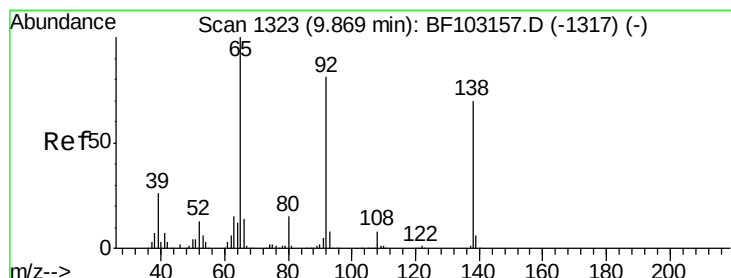
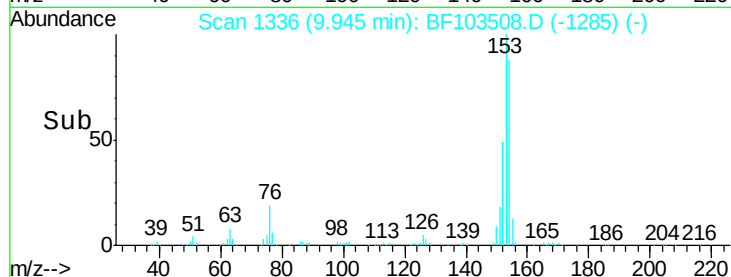
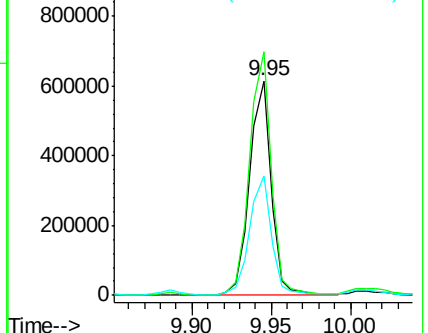
152 55.4 43.8 65.8



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: 27.915 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

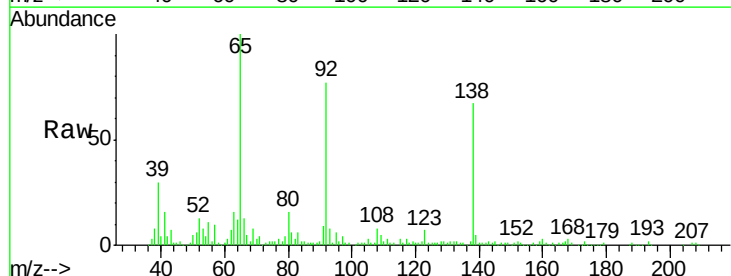
Tgt Ion:138 Resp: 131758

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

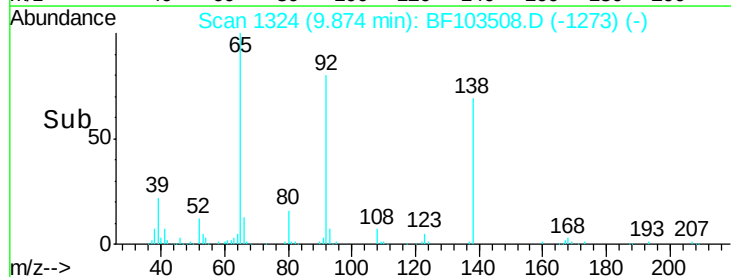
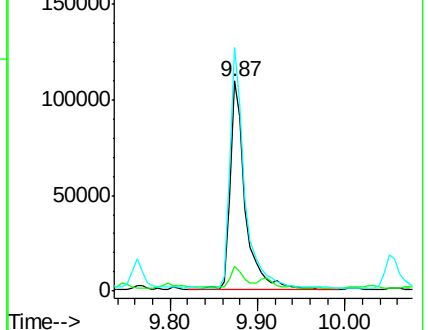
92 115.9 89.4 134.2

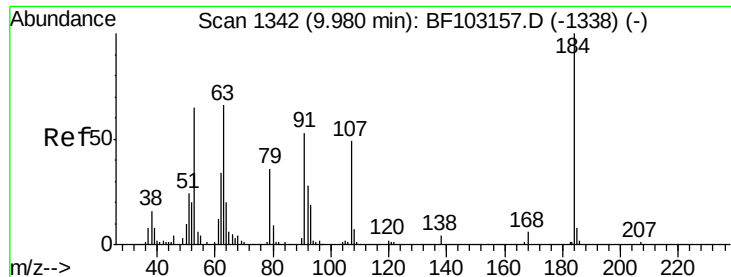


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

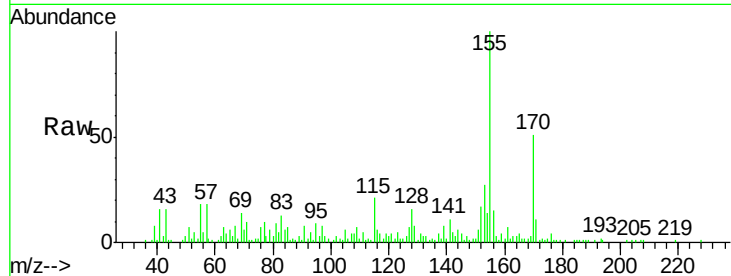




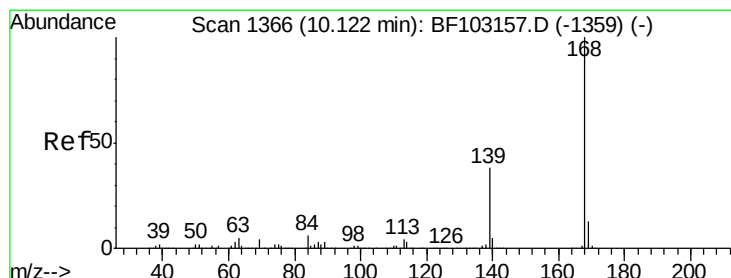
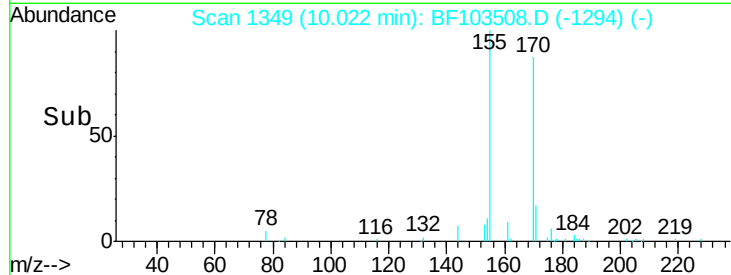
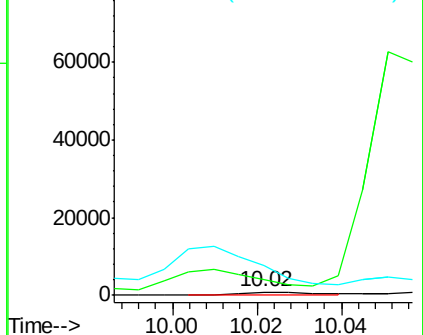
#53
2,4-Dinitrophenol
Concen: 10.297 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1032
Ion Ratio Lower Upper
184 100
63 472.5 54.2 81.2#
154 945.7 184.0 276.0#

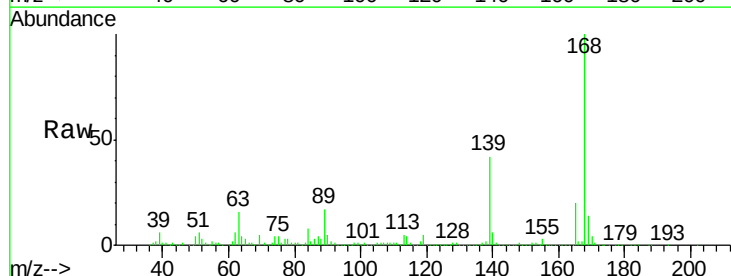


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

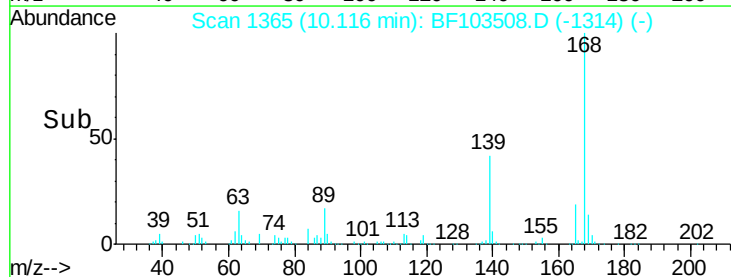
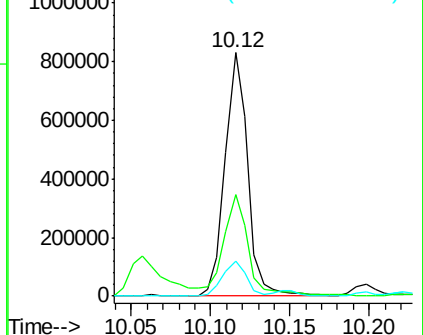


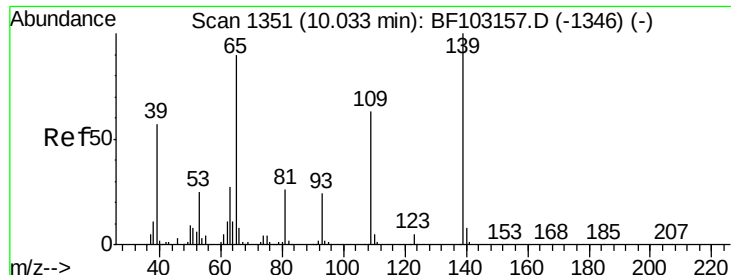
#54
Dibenzofuran
Concen: 45.549 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:168 Resp: 821820
Ion Ratio Lower Upper
168 100
139 41.9 30.1 45.1
169 14.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

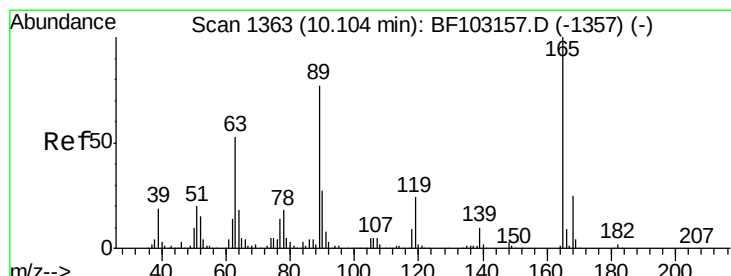
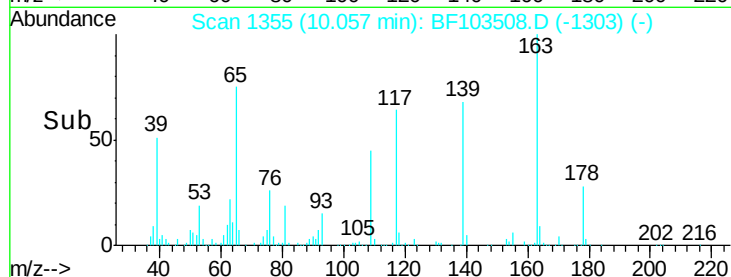
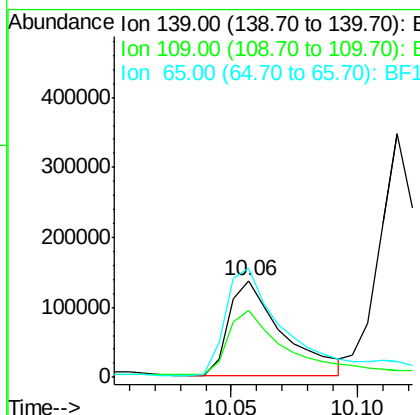
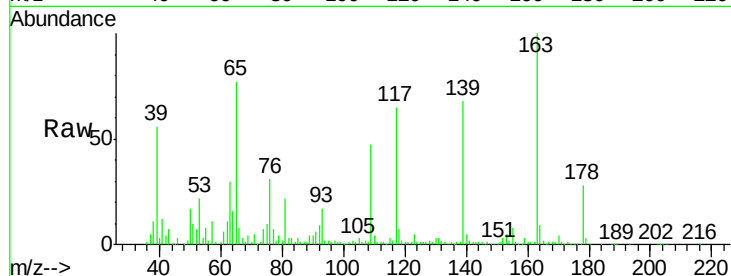




#55
4-Nitrophenol
Concen: 69.451 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

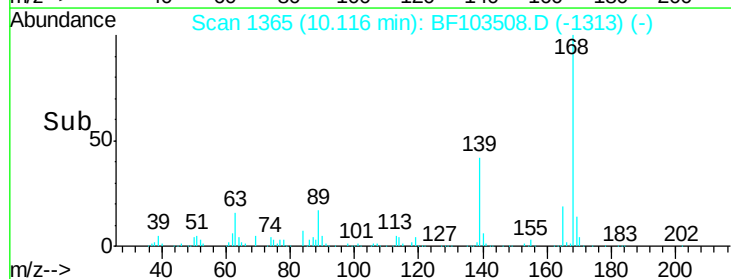
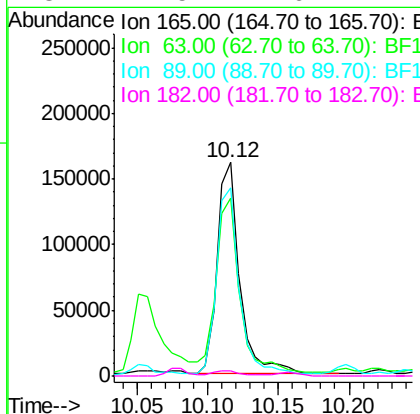
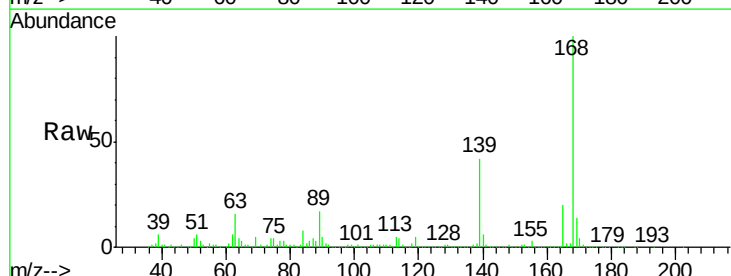
Instrument :
BNA_F
ClientSampled :

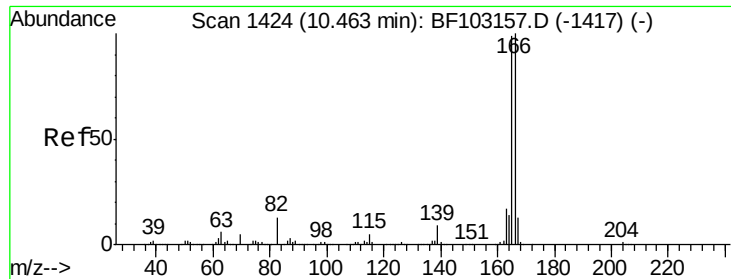
Tot Ion:139 Resp: 203164
Ion Ratio Lower Upper
139 100
109 69.2 48.4 88.4
65 112.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 38.243 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:165 Resp: 179934
Ion Ratio Lower Upper
165 100
63 83.1 36.4 54.6#
89 88.1 57.8 86.6#
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 43.652 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

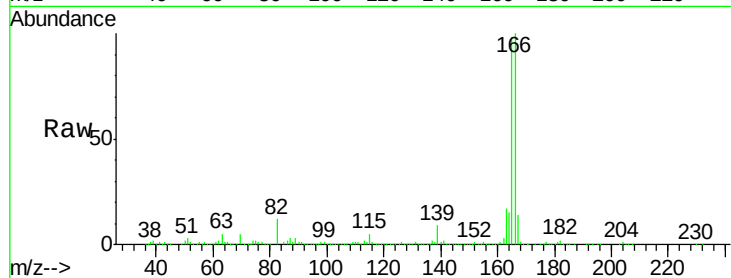
Tot Ion:166 Resp: 670923

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

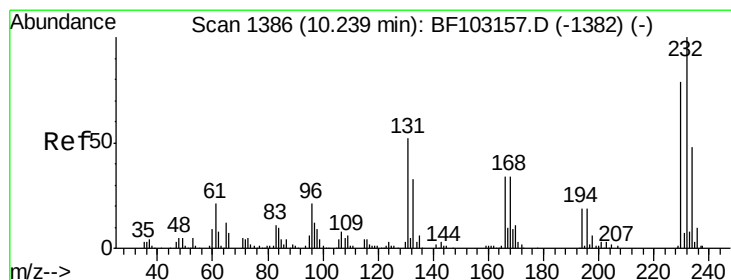
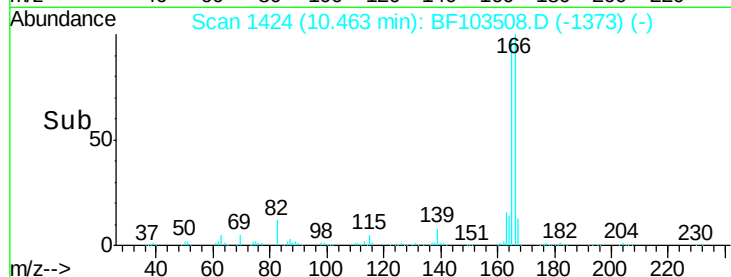
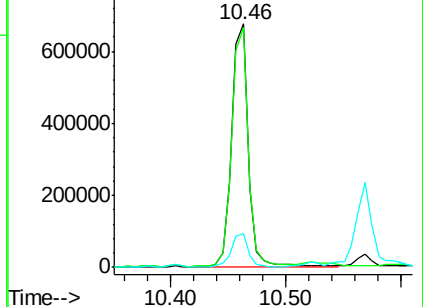
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.809 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:232 Resp: 147015

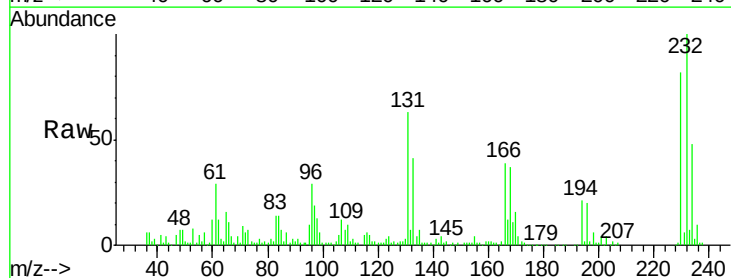
Ion Ratio Lower Upper

232 100

131 58.7 43.8 65.8

130 2.6 2.1 3.1

166 35.0 27.8 41.6

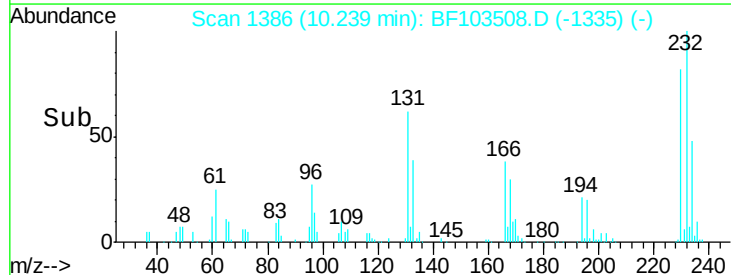
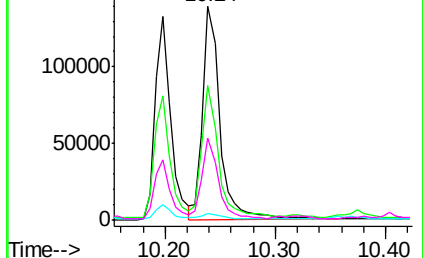


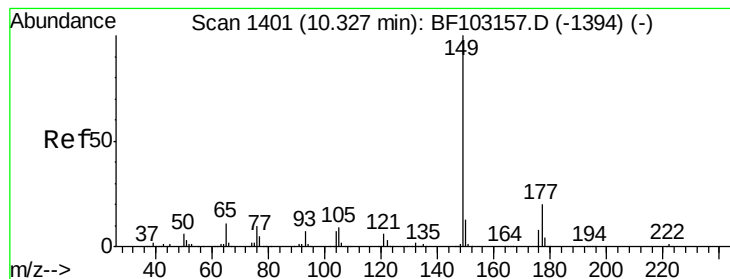
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.355 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

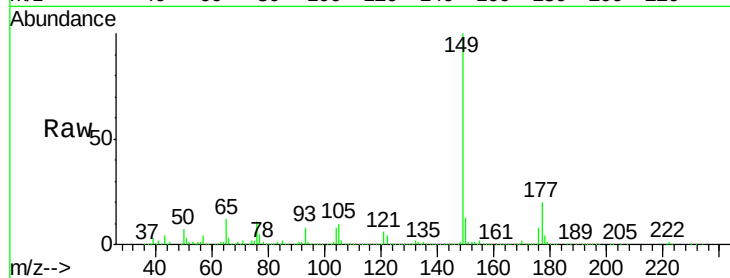
Tot Ion:149 Resp: 752038

Ion Ratio Lower Upper

149 100

177 20.1 16.1 24.1

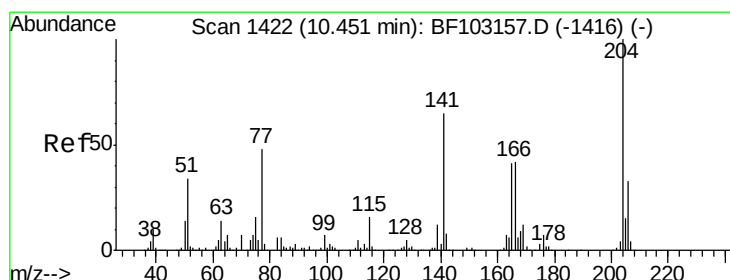
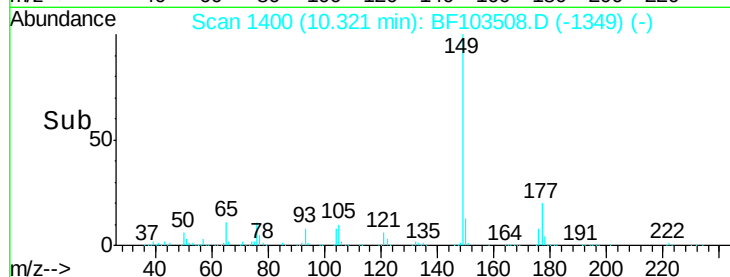
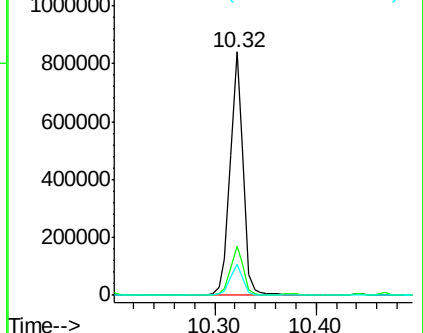
150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.781 ng

RT: 10.45 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

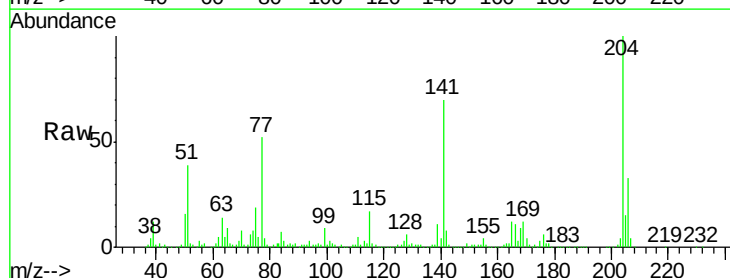
Tgt Ion:204 Resp: 298394

Ion Ratio Lower Upper

204 100

206 33.2 26.5 39.7

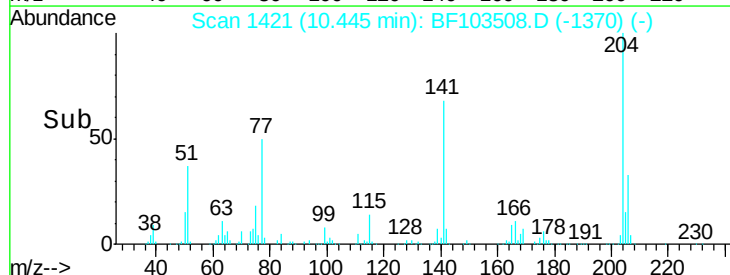
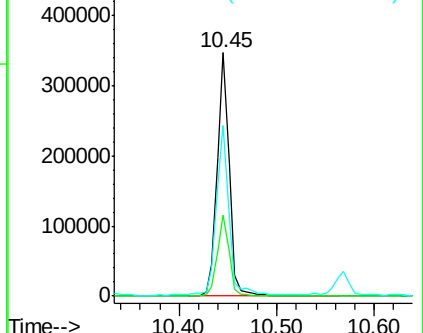
141 70.0 54.6 81.8

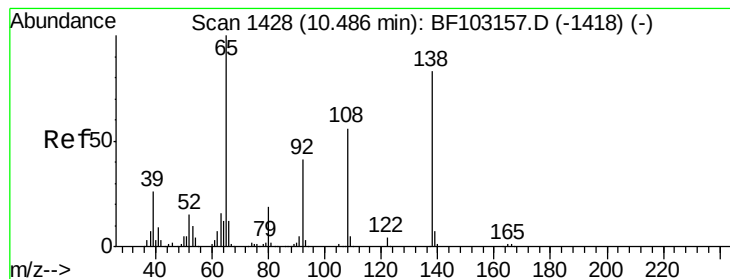


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.380 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

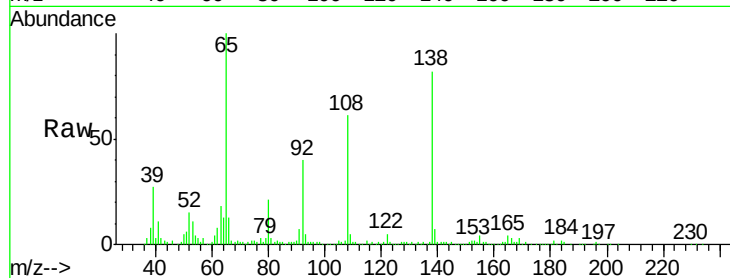
Tot Ion:138 Resp: 180935

Ion Ratio Lower Upper

138 100

92 48.8 30.2 70.2

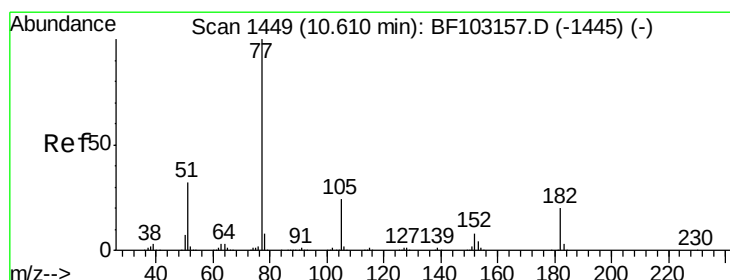
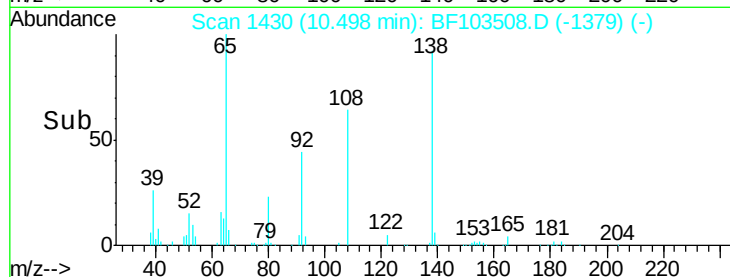
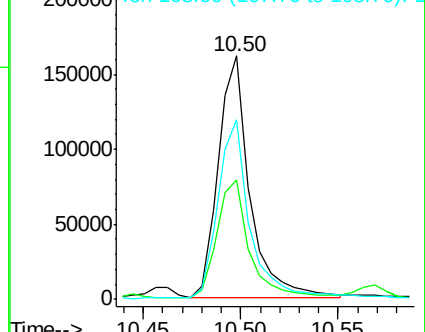
108 73.8 52.5 92.5



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: 45.896 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion: 77 Resp: 792081

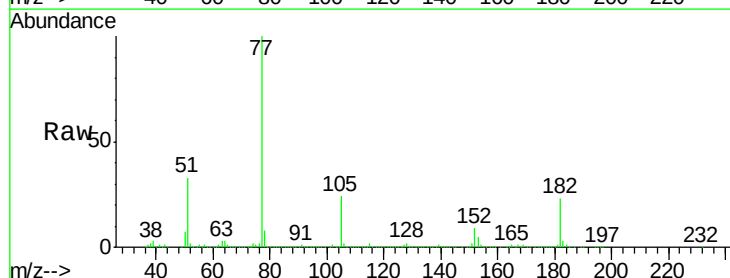
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 24.3 3.0 43.0

51 32.7 9.9 49.9

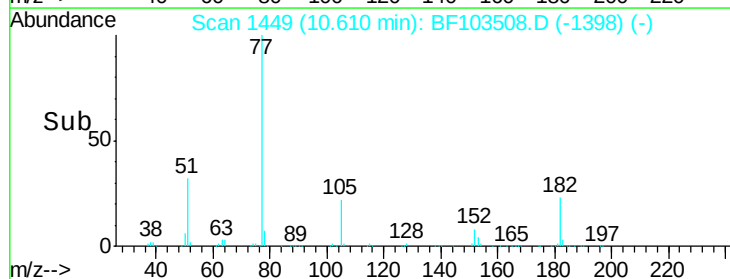
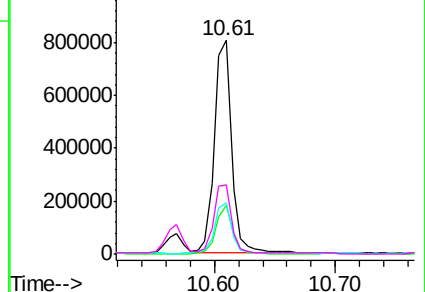


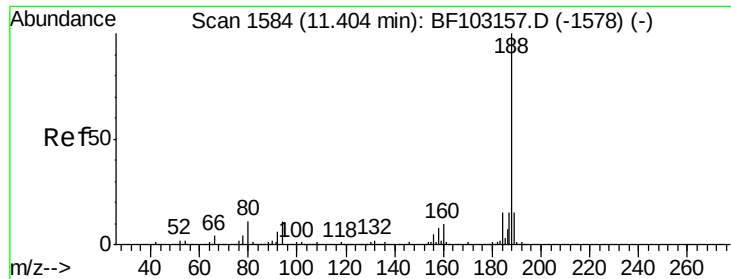
Abundance Ion 77.00 (76.70 to 77.70): BF1

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

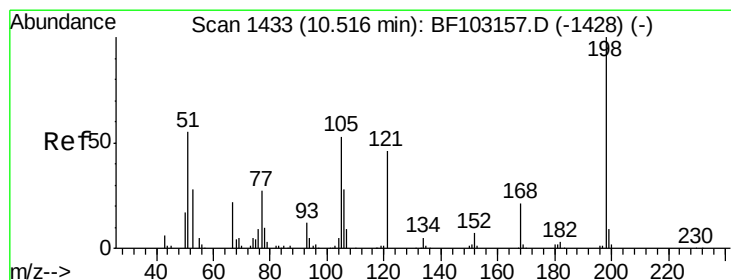
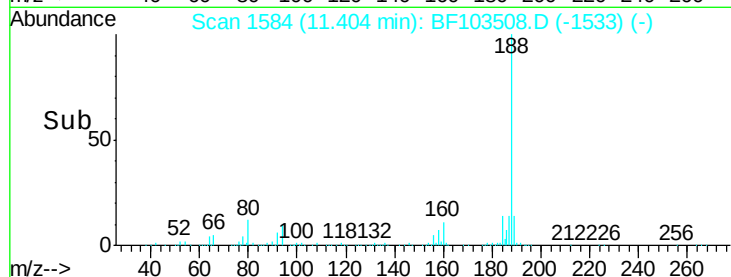
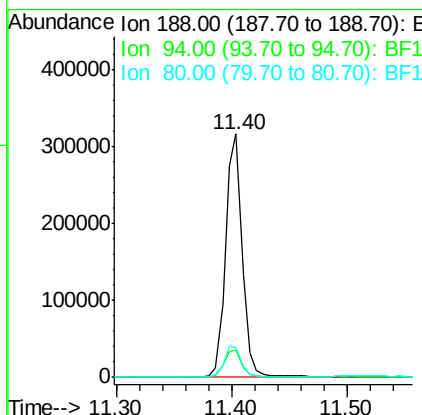
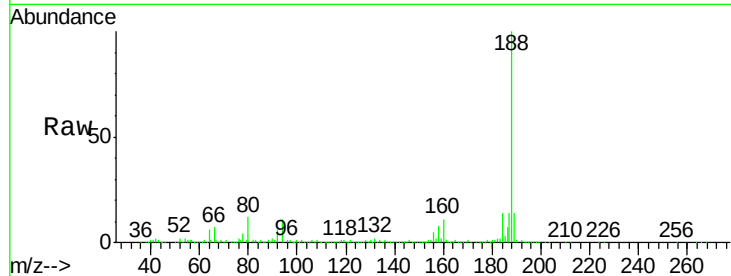




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

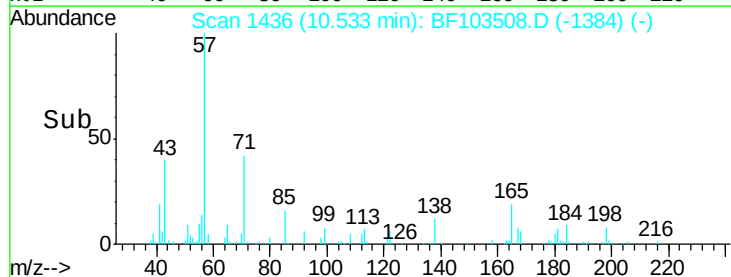
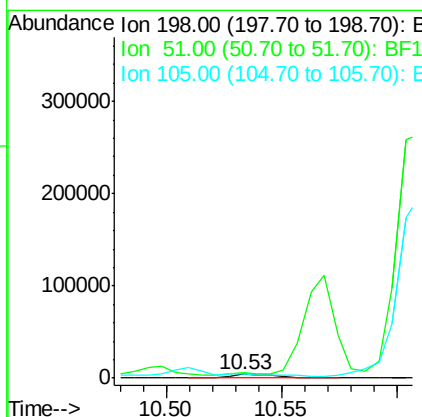
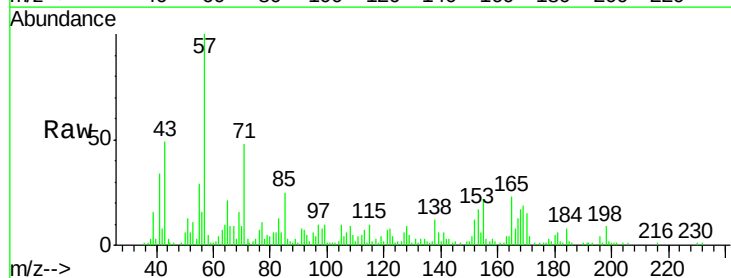
Instrument :
BNA_F
ClientSampleId :

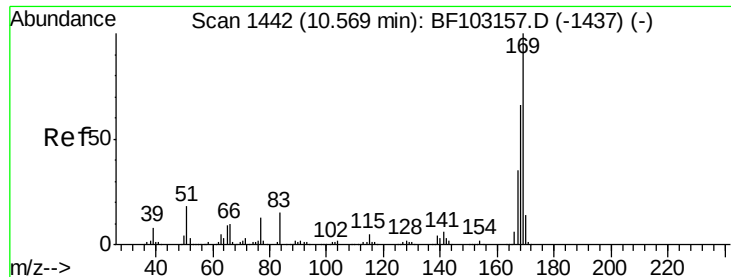
Tot Ion:188 Resp: 316052
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.740 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:198 Resp: 5991
Ion Ratio Lower Upper
198 100
51 148.3 37.7 77.7#
105 119.7 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 54.295 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

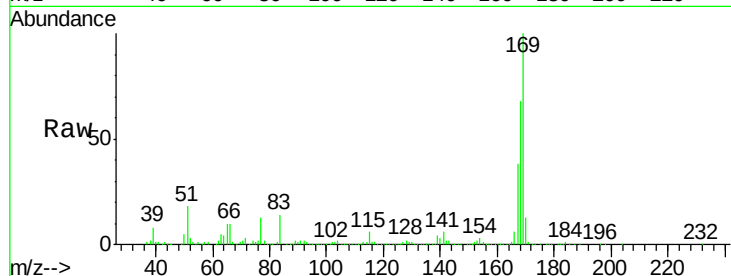
Tot Ion:169 Resp: 597492

Ion Ratio Lower Upper

169 100

168 68.4 54.4 81.6

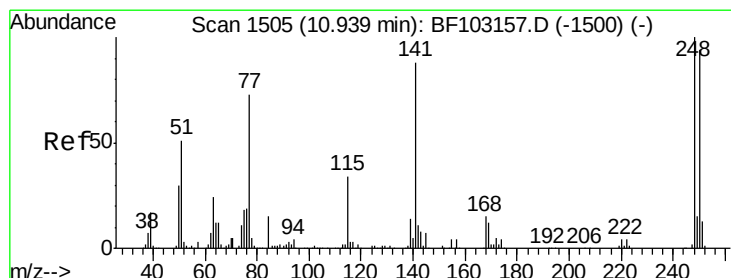
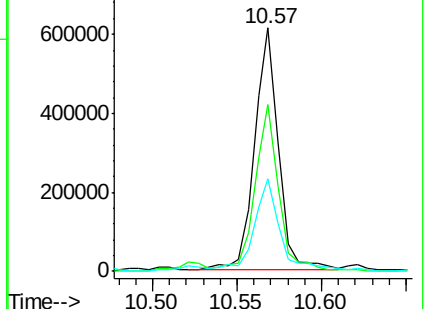
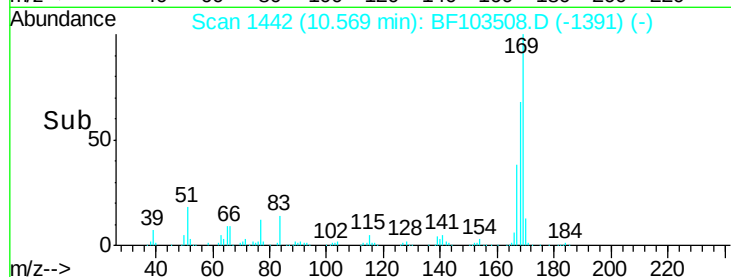
167 38.2 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.654 ng

RT: 10.93 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

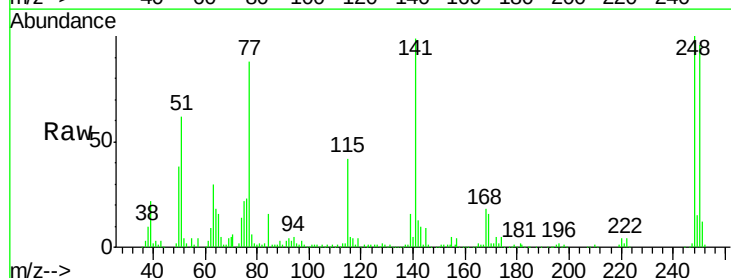
Tgt Ion:248 Resp: 166770

Ion Ratio Lower Upper

248 100

250 96.3 76.9 115.3

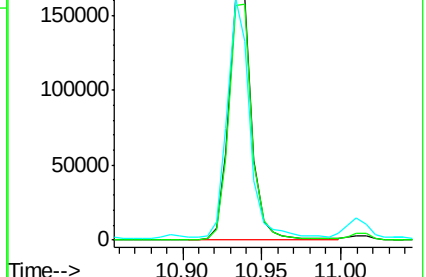
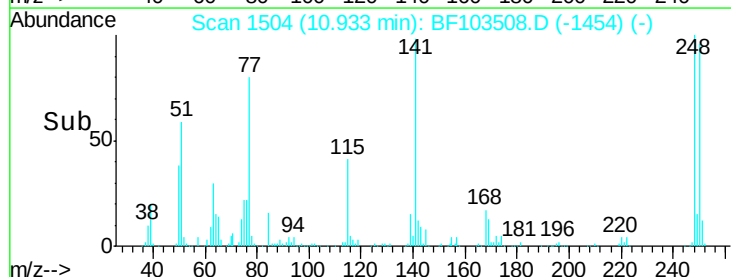
141 98.8 74.4 111.6

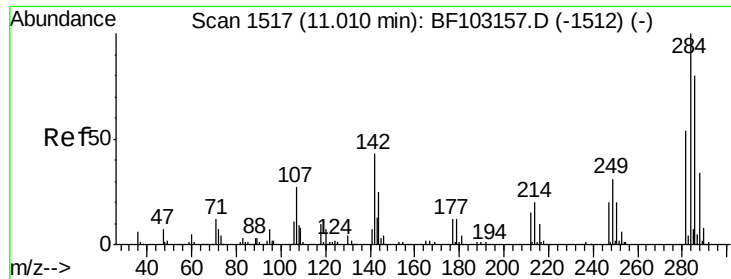


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.067 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

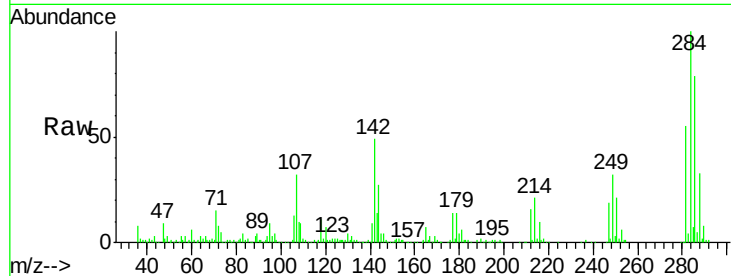
Tot Ion:284 Resp: 161046

Ion Ratio Lower Upper

284 100

142 49.5 34.6 52.0

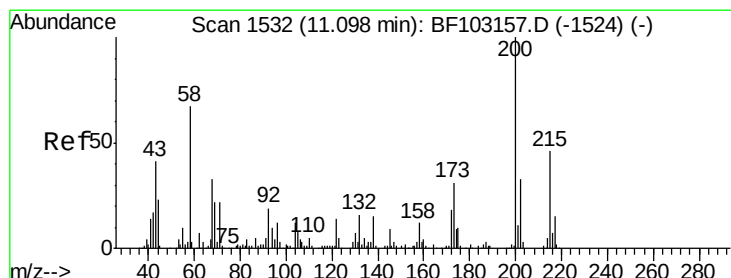
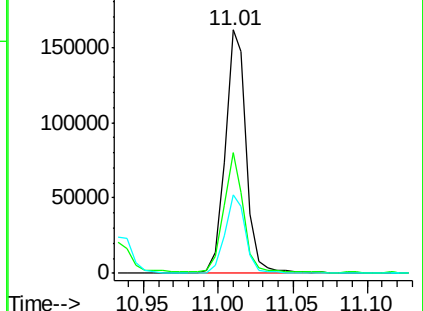
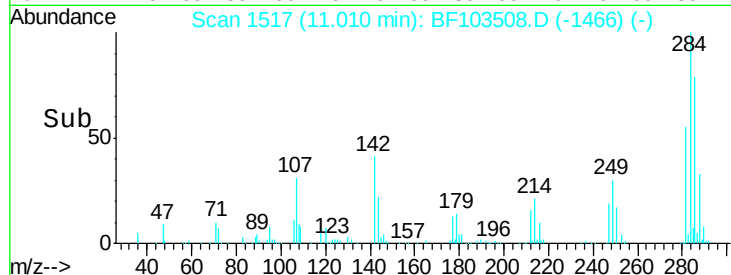
249 32.4 24.8 37.2



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: 42.957 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

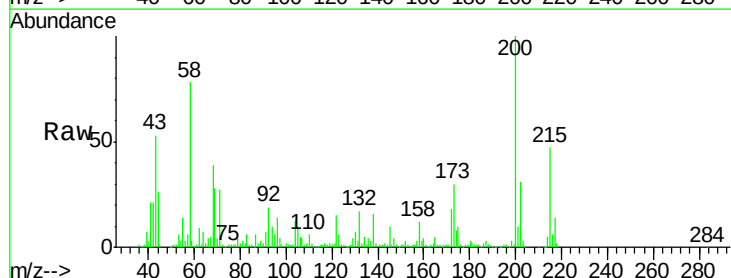
Tgt Ion:200 Resp: 142083

Ion Ratio Lower Upper

200 100

173 30.3 8.6 48.6

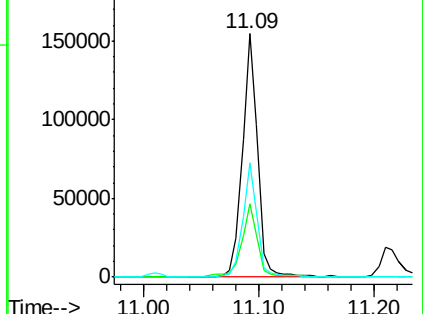
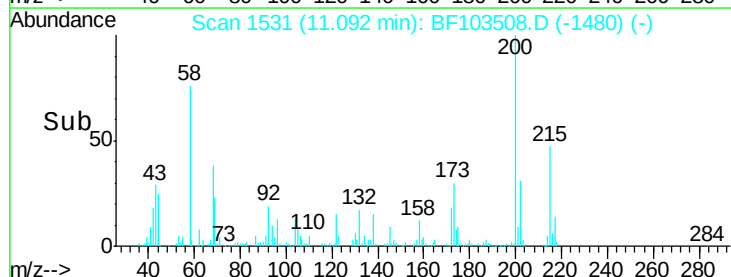
215 47.0 25.1 65.1

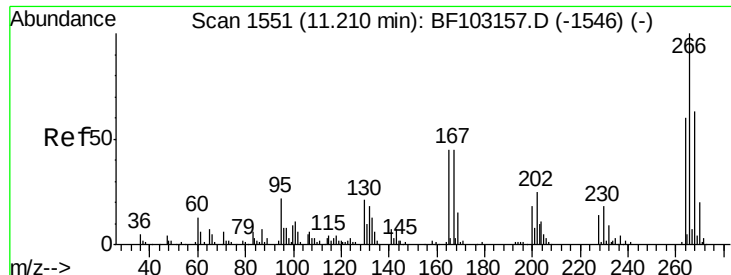


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

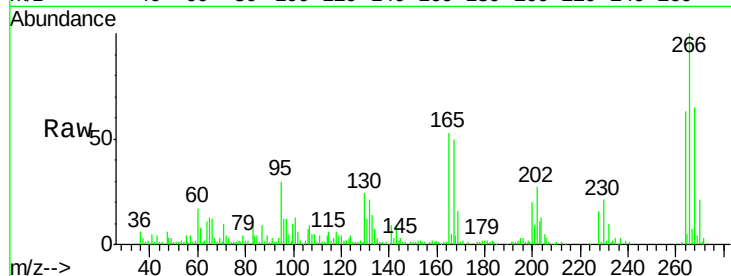




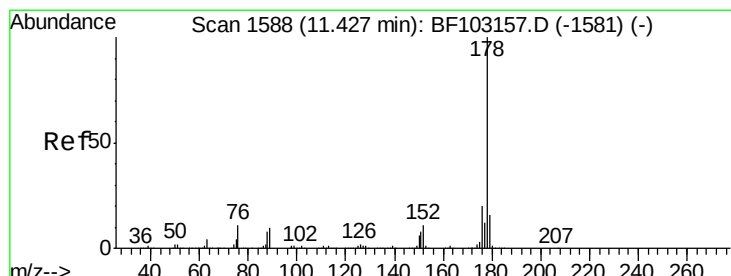
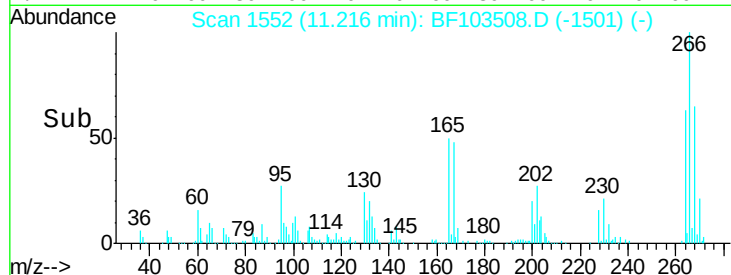
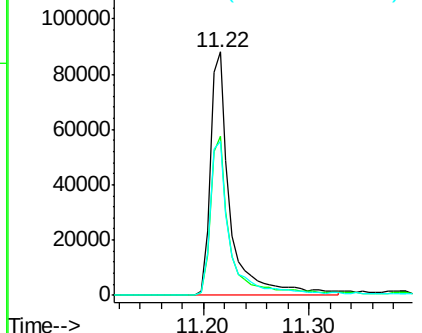
#69
 Pentachlorophenol
 Concen: 67.499 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 116627
 Ion Ratio Lower Upper
 266 100
 268 65.2 51.1 76.7
 264 63.4 49.5 74.3

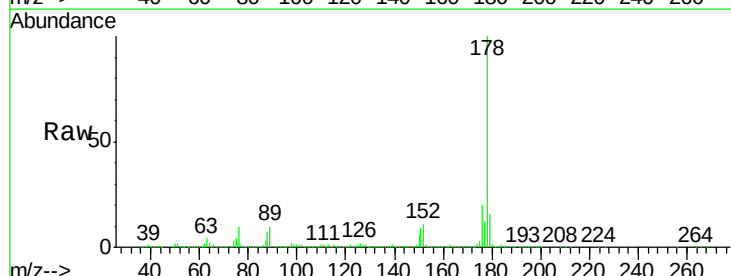


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

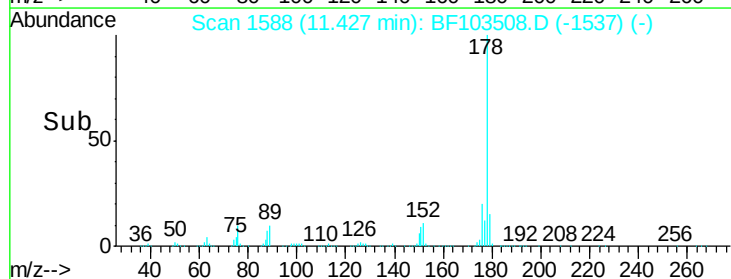
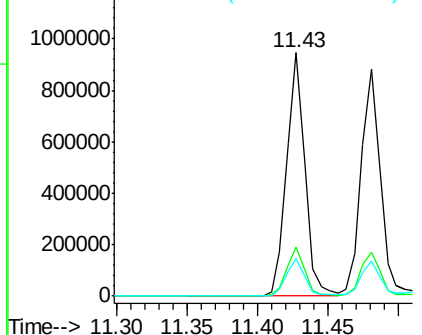


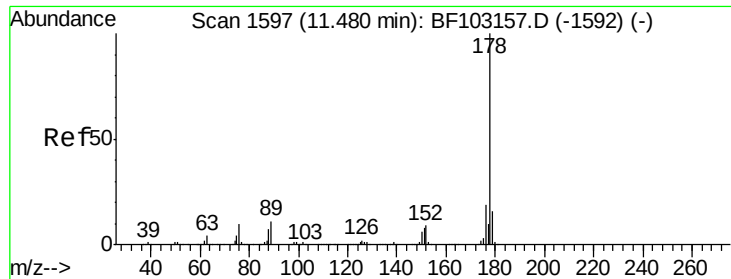
#70
 Phenanthrene
 Concen: 49.057 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:178 Resp: 853267
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.8 23.8
 179 15.5 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

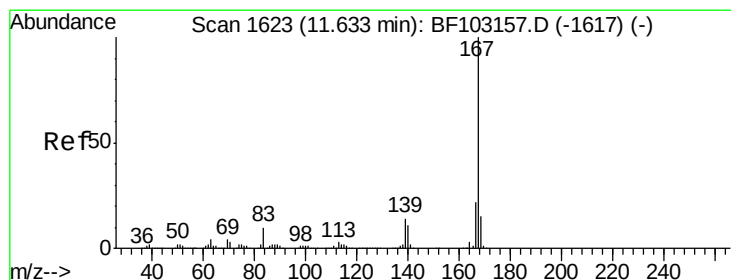
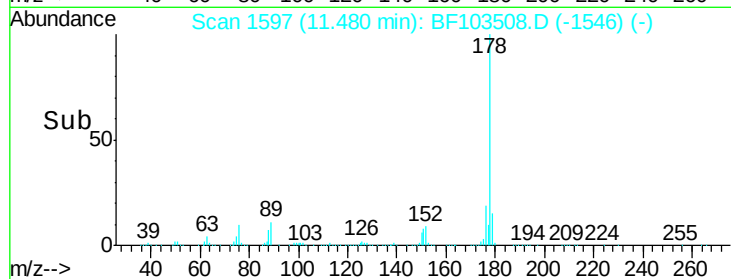
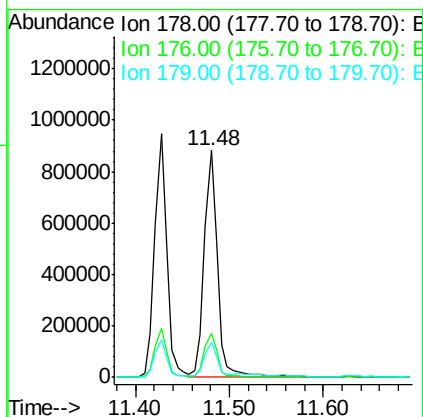
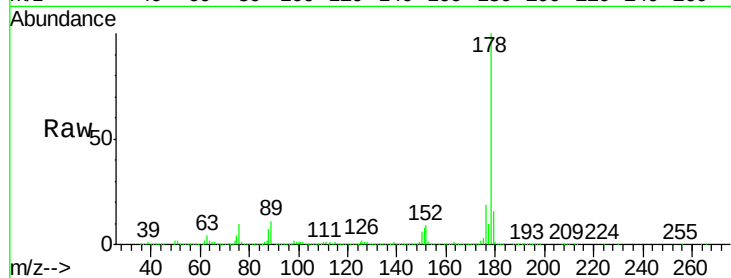




#71
 Anthracene
 Concen: 48.925 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

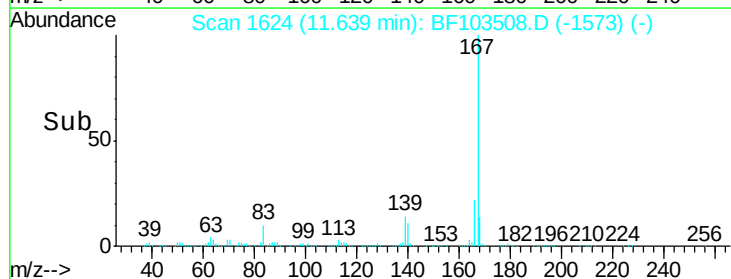
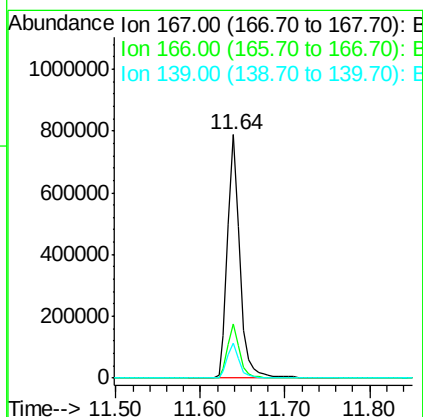
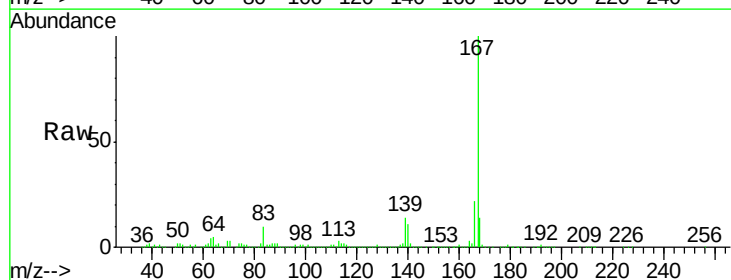
Instrument :
 BNA_F
 ClientSampleId :

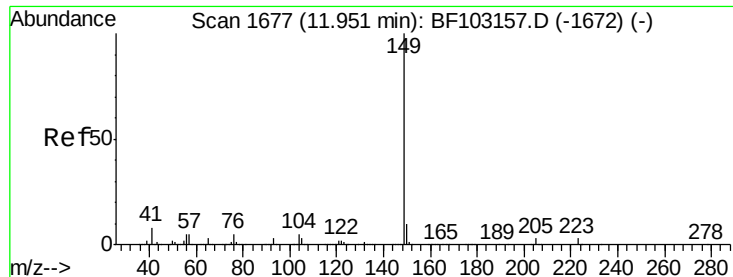
Tot Ion:178 Resp: 872618
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.6 12.6 19.0



#72
 Carbazole
 Concen: 44.535 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:167 Resp: 791013
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 14.4 10.9 16.3





#73

Di-n-butylphthalate

Concen: 46.395 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

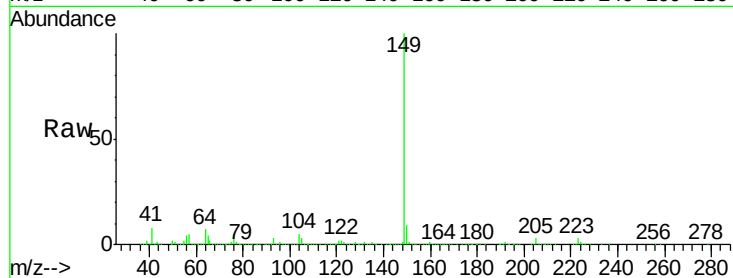
Tot Ion:149 Resp: 1031112

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

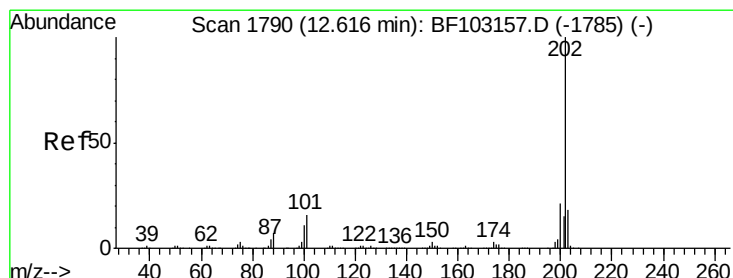
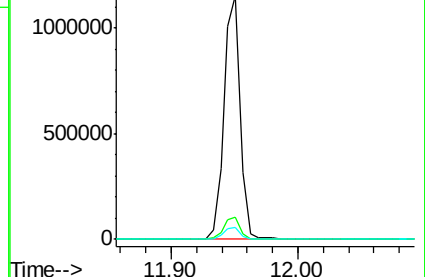
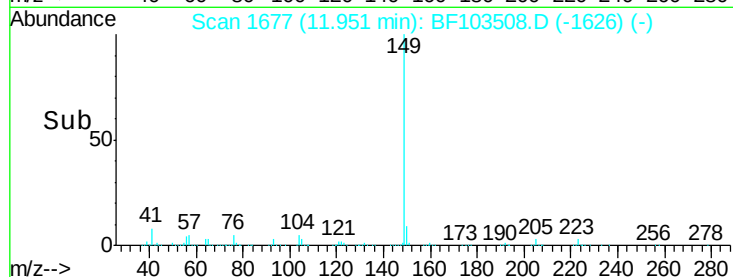
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.737 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

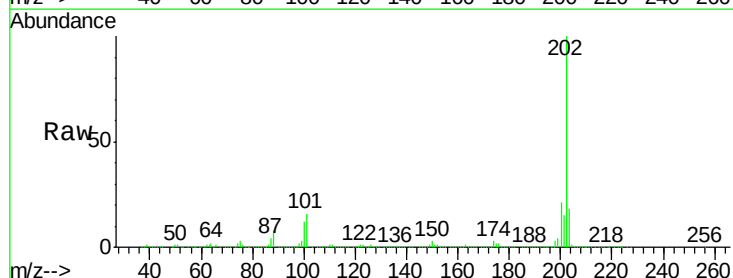
Tgt Ion:202 Resp: 834373

Ion Ratio Lower Upper

202 100

101 16.3 0.0 34.1

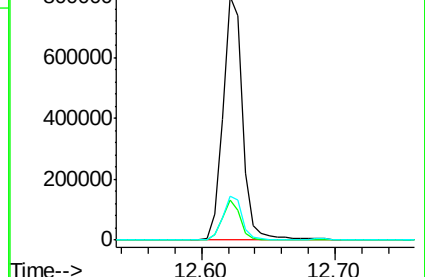
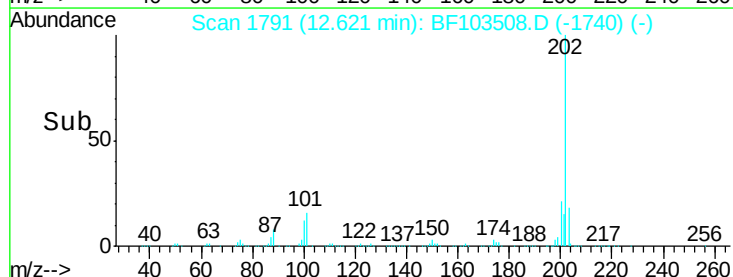
203 17.8 0.0 38.1

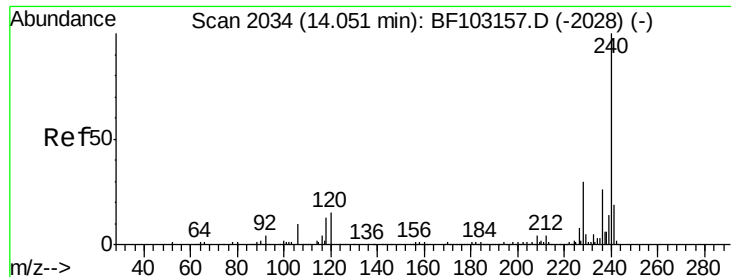


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

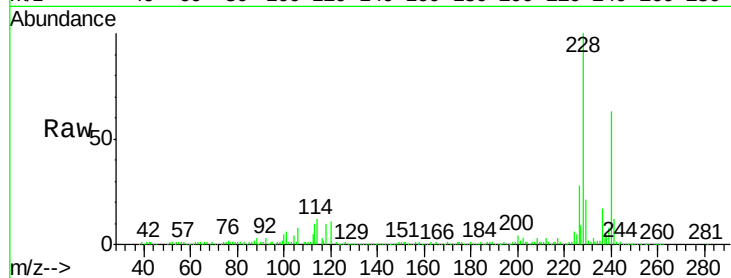
Tot Ion:240 Resp: 185328

Ion Ratio Lower Upper

240 100

120 17.7 9.5 14.3#

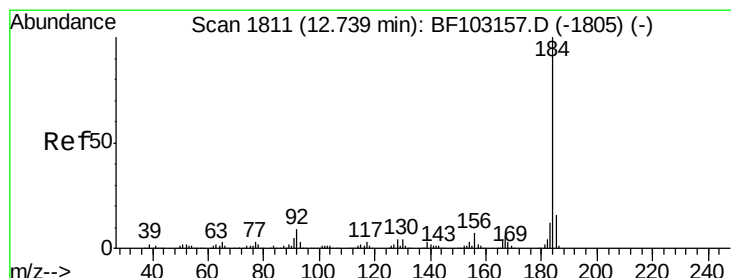
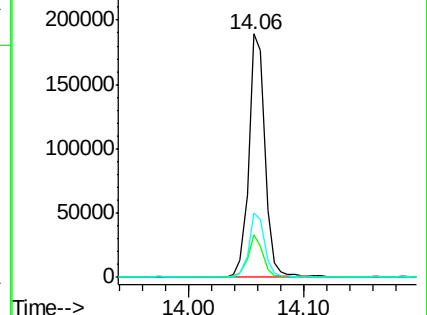
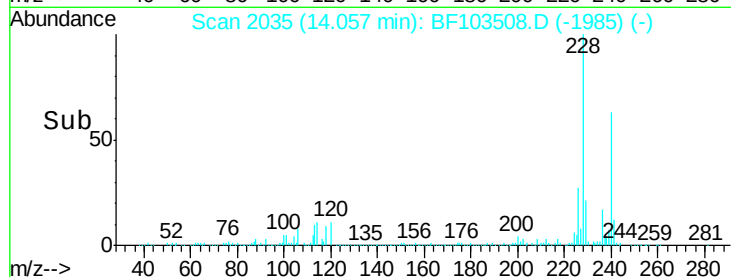
236 26.7 20.7 31.1



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: 25.645 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

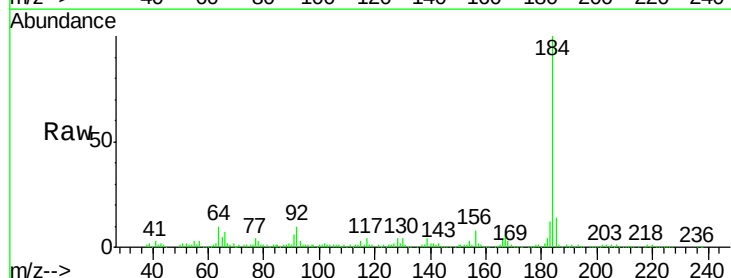
Tgt Ion:184 Resp: 177685

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

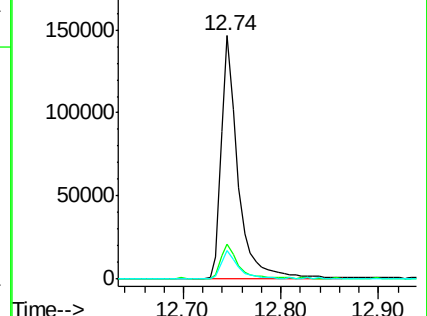
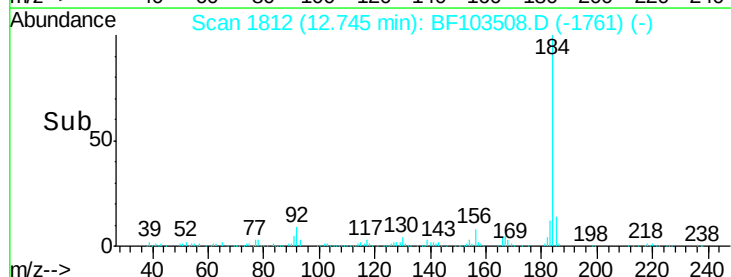
183 12.0 9.3 13.9

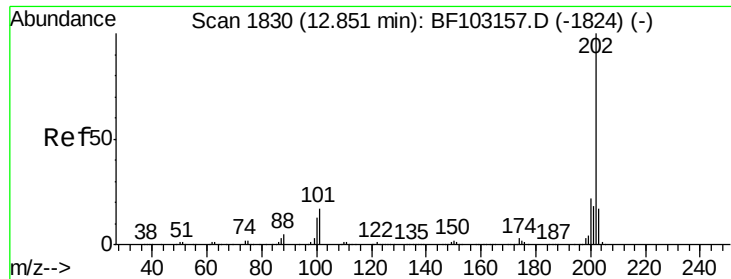


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.787 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampled :

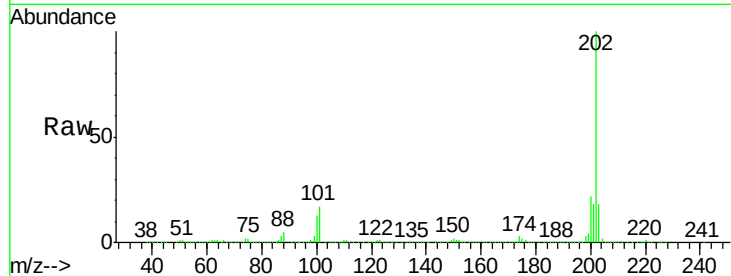
Tot Ion:202 Resp: 849425

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

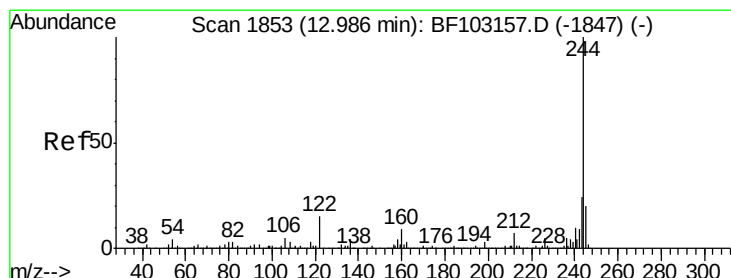
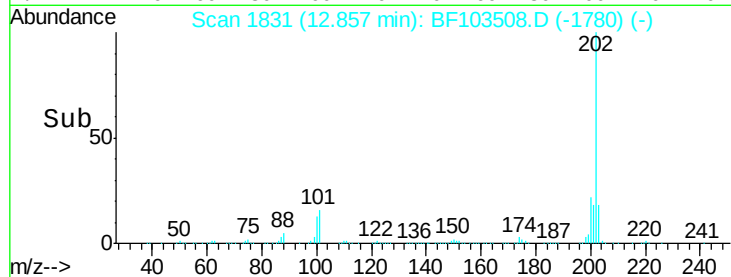
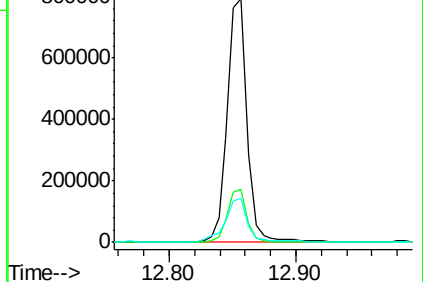
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 104.908 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

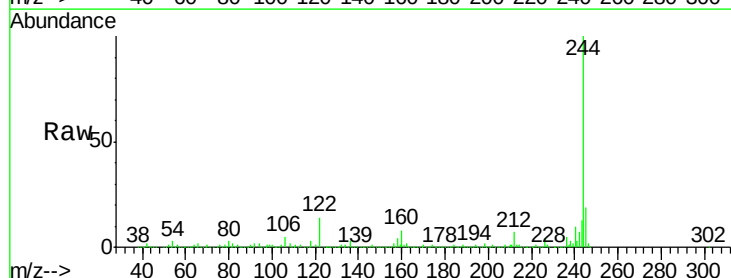
Tgt Ion:244 Resp: 808794

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

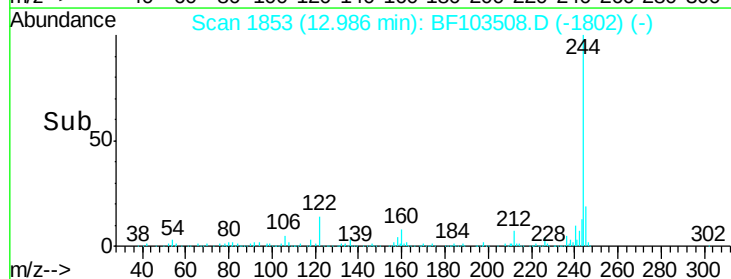
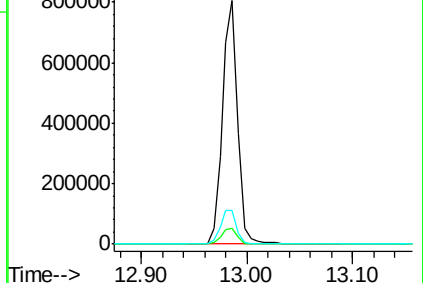
122 13.9 11.0 16.4

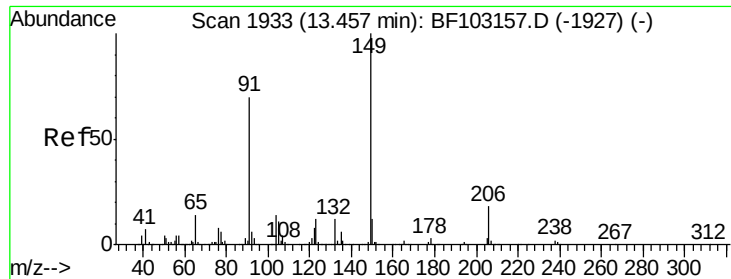


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

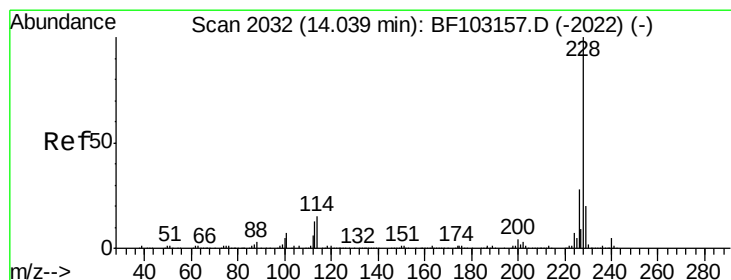
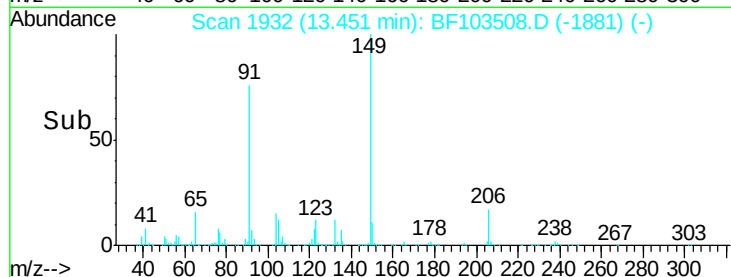
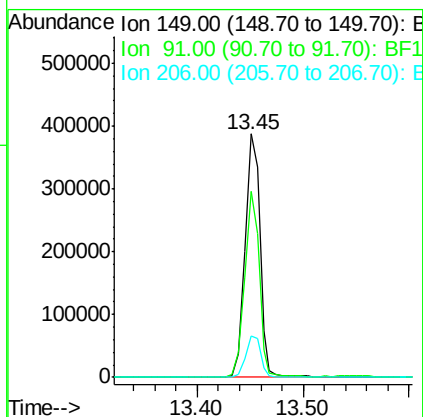
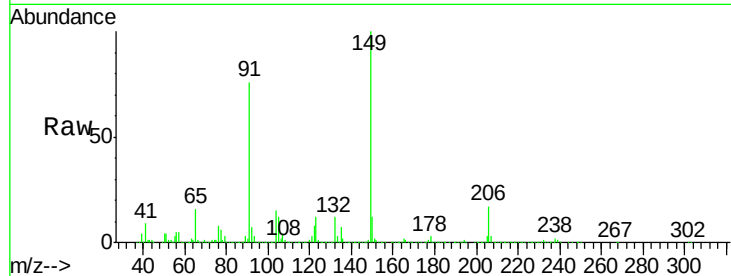




#79
Butylbenzylphthalate
Concen: 49.274 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

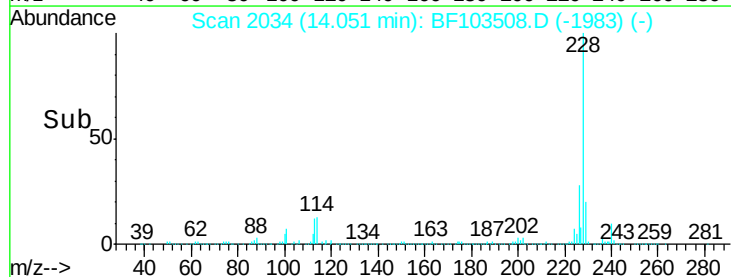
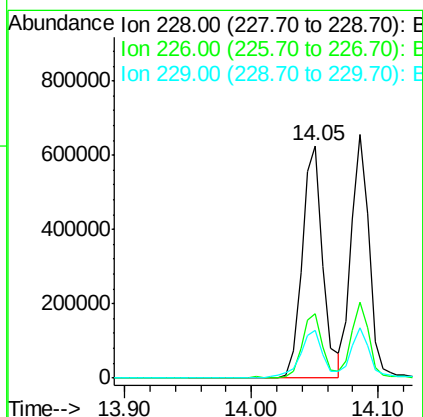
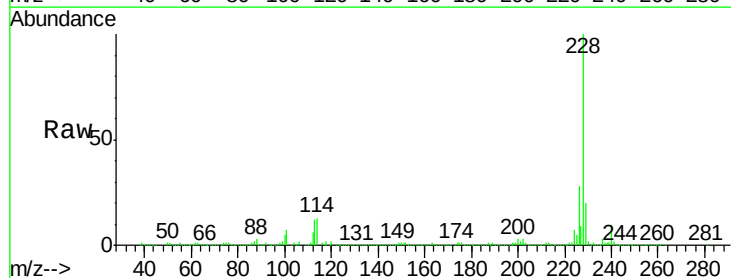
Instrument :
BNA_F
ClientSampled :

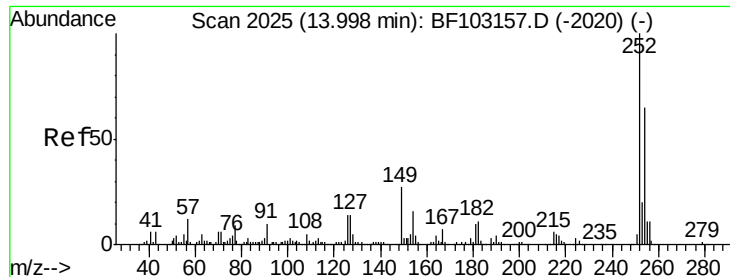
Tot Ion:149 Resp: 376163
Ion Ratio Lower Upper
149 100
91 76.3 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 58.504 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:228 Resp: 703500
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.4 15.8 23.6

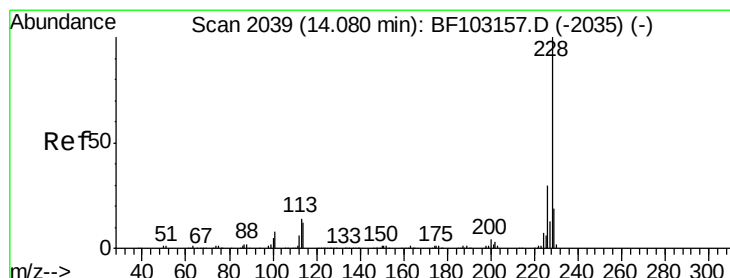
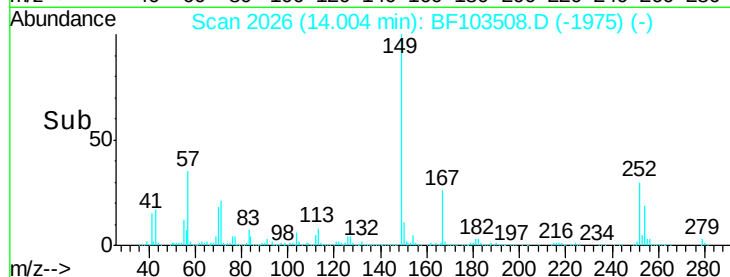
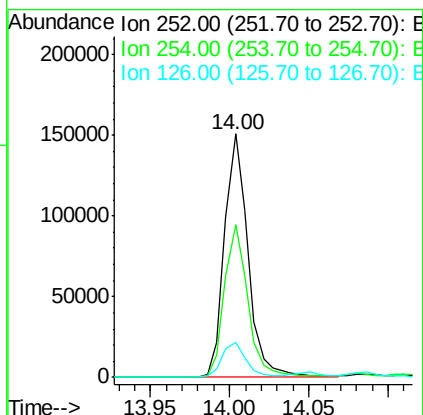
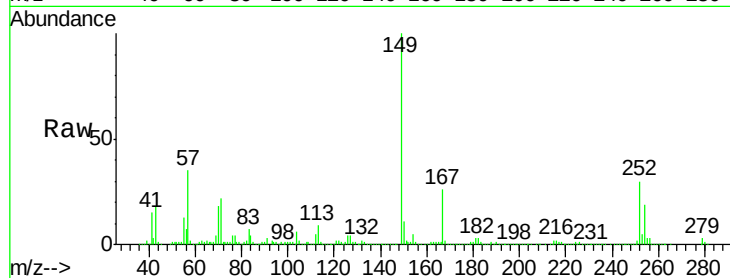




#81
 3,3'-Dichlorobenzidine
 Concen: 36.326 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

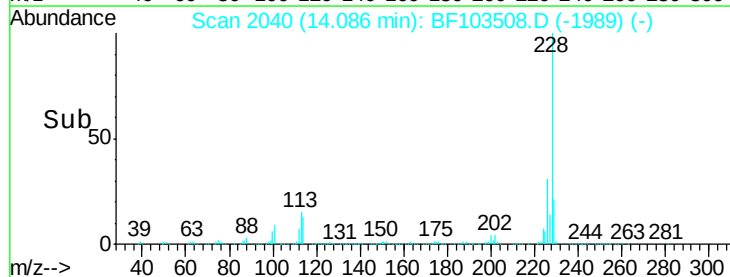
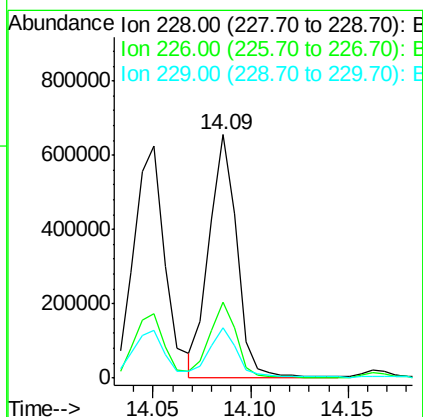
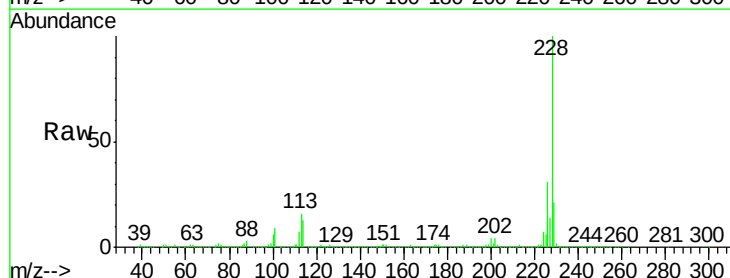
Instrument :
 BNA_F
 ClientSampleId :

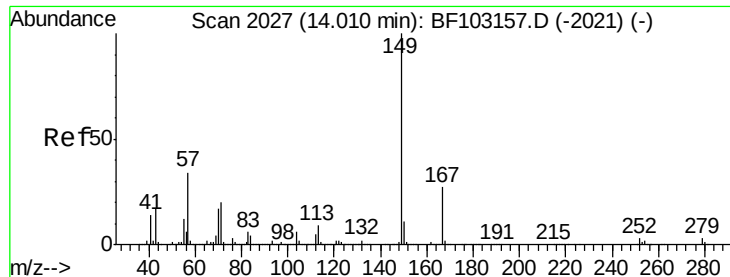
Tot Ion:252 Resp: 155888
 Ion Ratio Lower Upper
 252 100
 254 62.7 50.4 75.6
 126 14.3 11.3 16.9



#82
 Chrysene
 Concen: 55.568 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Tgt Ion:228 Resp: 648796
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.297 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Instrument :

BNA_F

ClientSampleId :

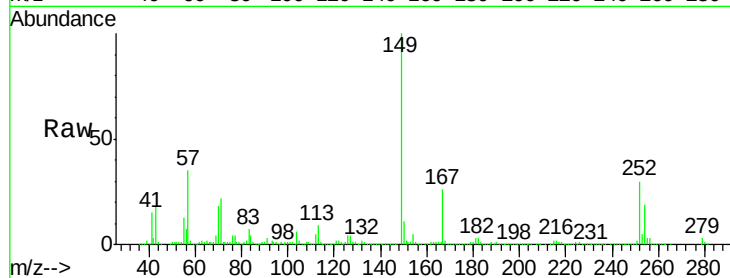
Tot Ion:149 Resp: 487252

Ion Ratio Lower Upper

149 100

167 26.0 21.3 31.9

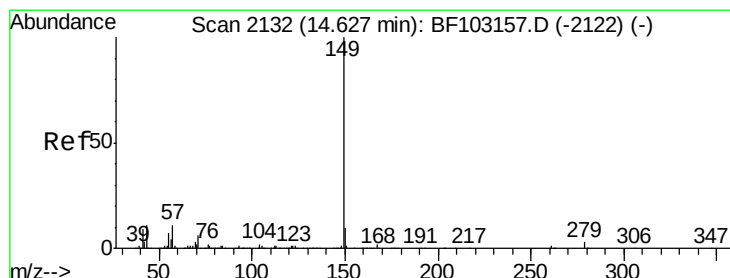
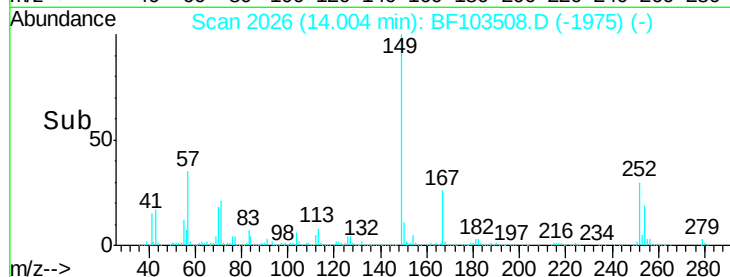
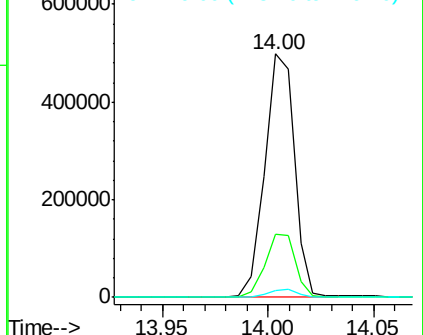
279 2.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.135 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

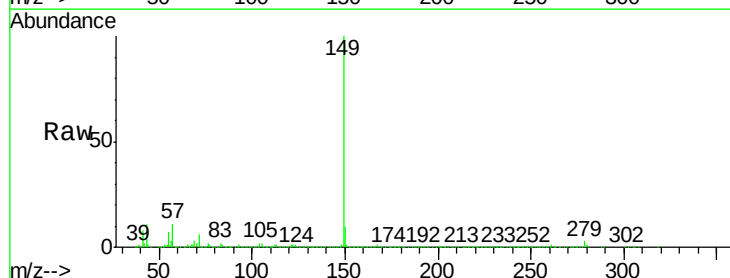
Tgt Ion:149 Resp: 884422

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

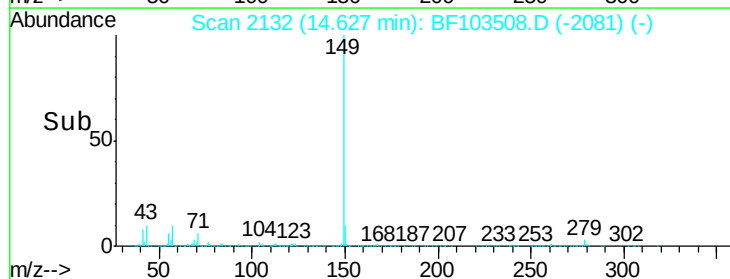
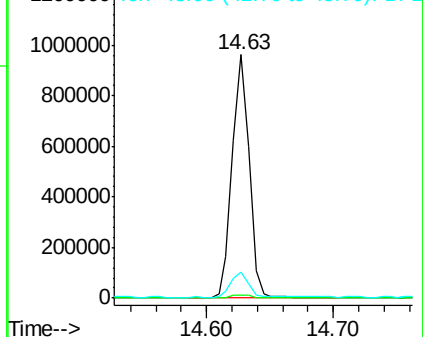
43 11.0 8.4 12.6

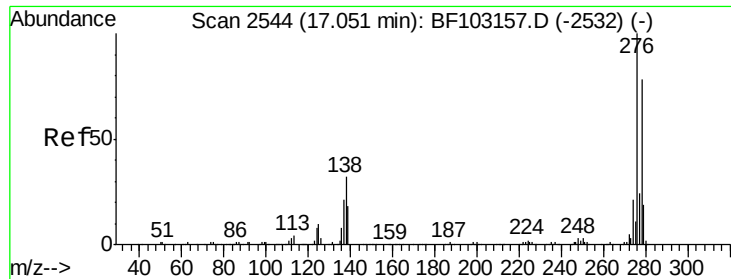


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.732 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

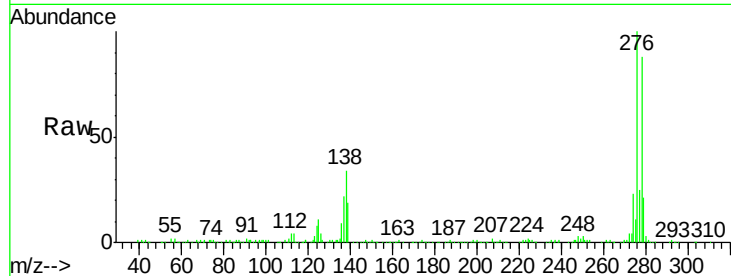
Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 478180

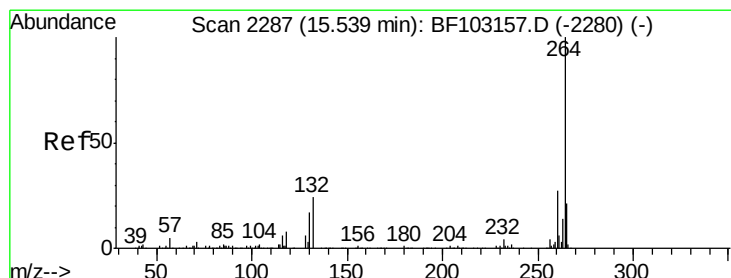
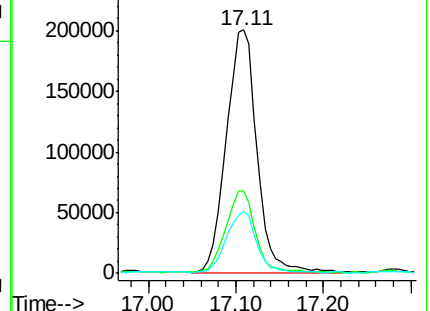
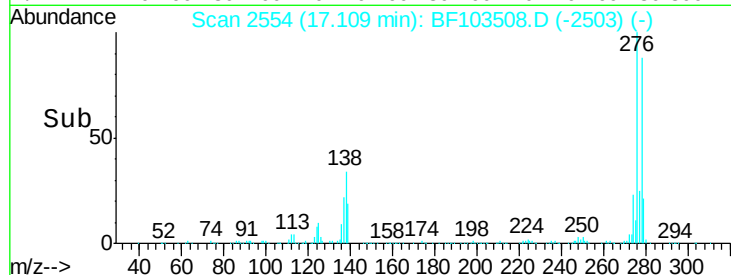
Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.7	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

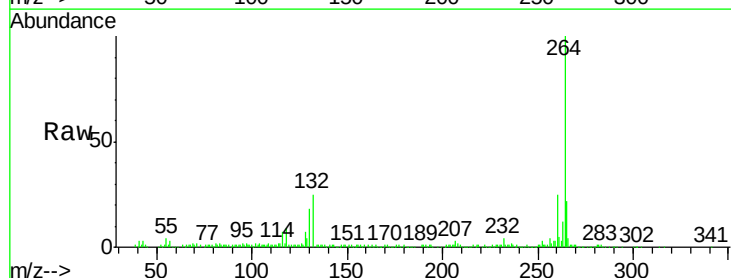
Delta R.T. -0.00 min

Lab File: BF103508.D

Acq: 7 Mar 2018 18:26

Tgt Ion:264 Resp: 161330

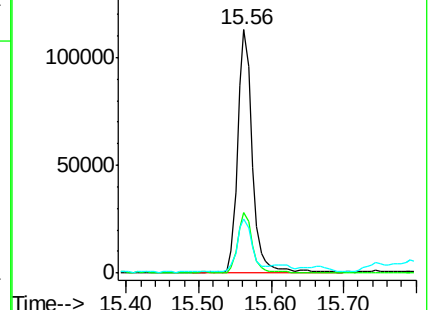
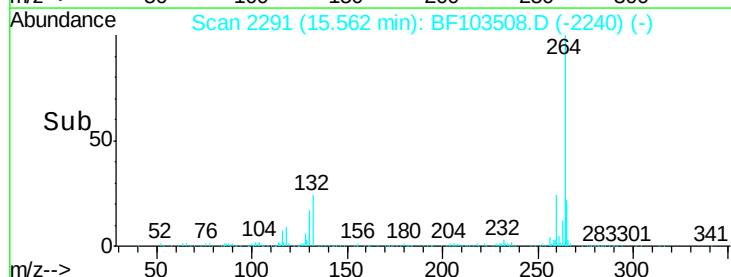
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.0	17.5	26.3

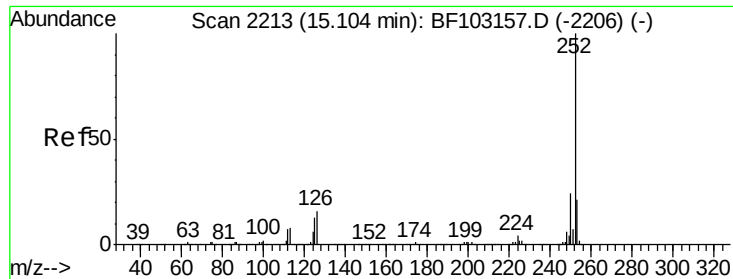


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

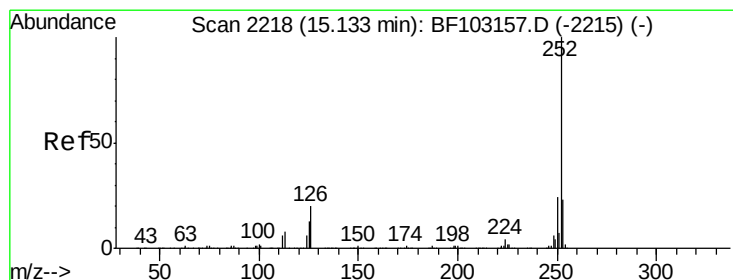
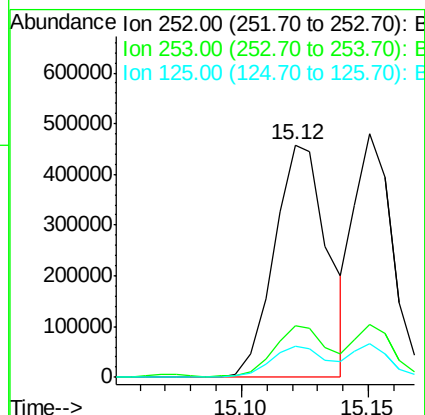
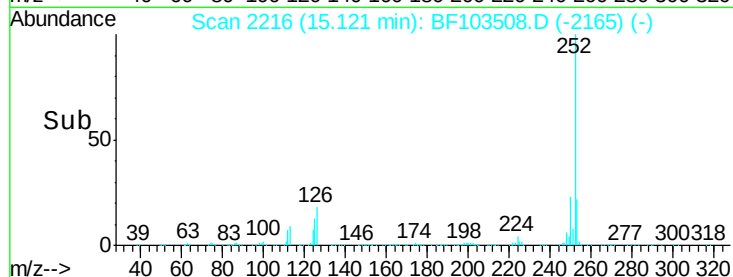
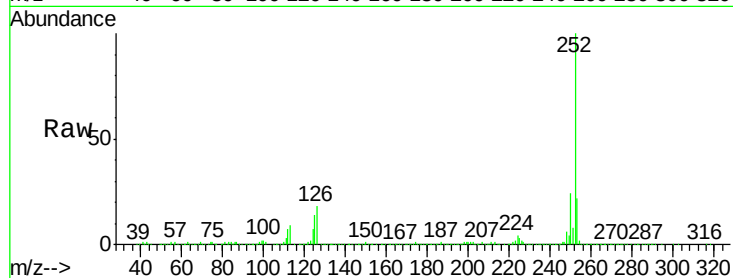




#87
Benzo(b)fluoranthene
Concen: 62.749 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

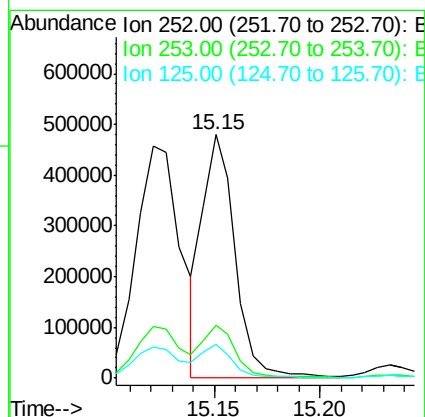
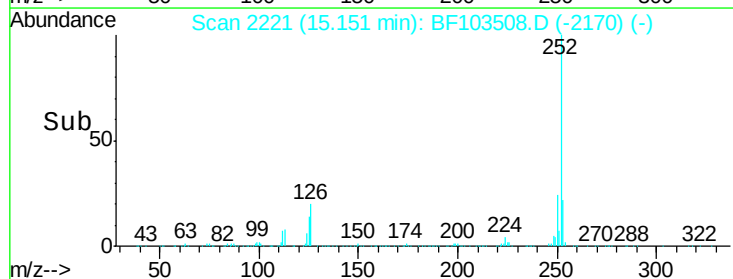
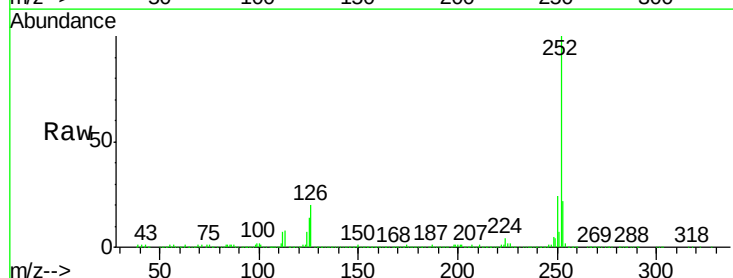
Instrument :
BNA_F
ClientSampleId :

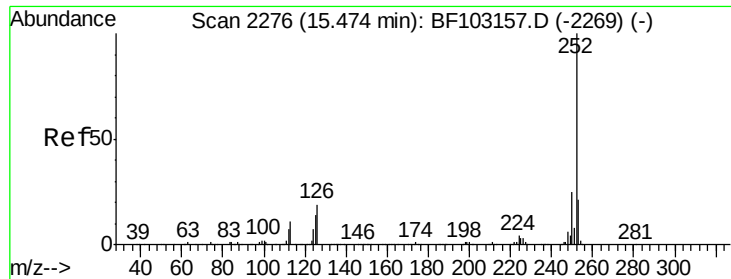
Tot Ion:252 Resp: 665600
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.6 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 51.410 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:252 Resp: 513510
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 13.8 10.2 15.2

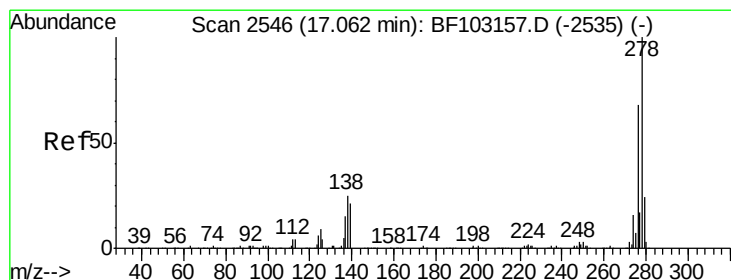
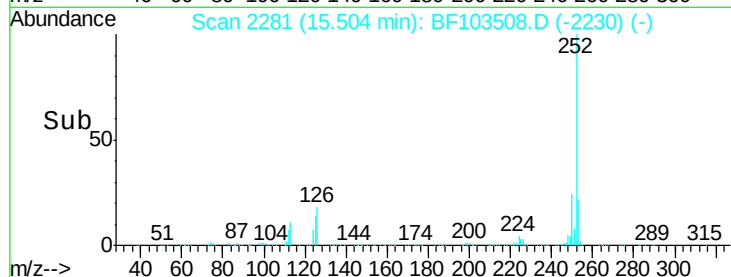
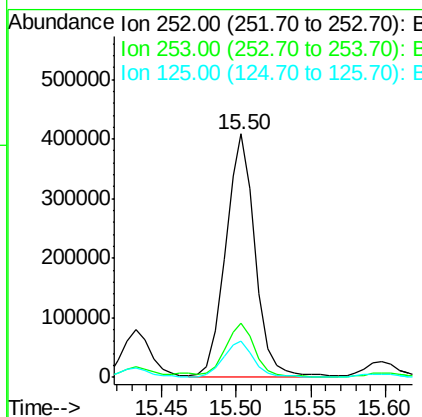
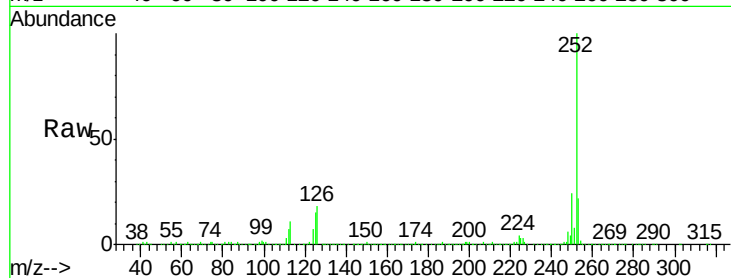




#89
Benzo(a)pyrene
Concen: 59.469 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

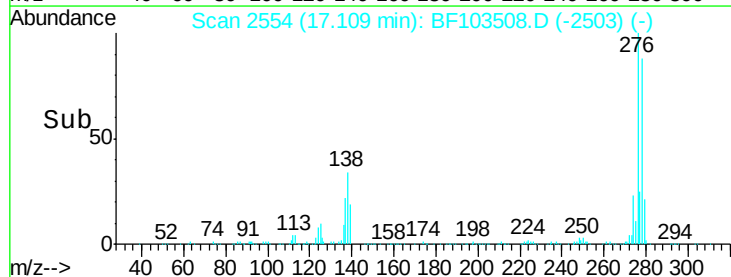
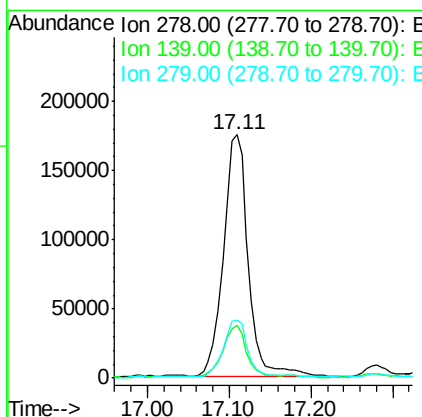
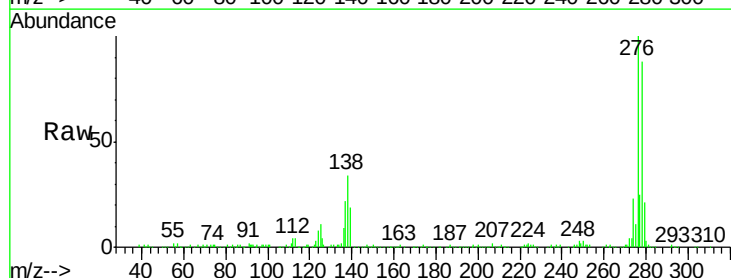
Instrument :
BNA_F
ClientSampleId :

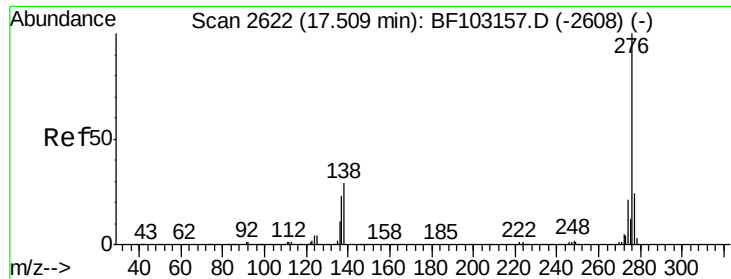
Tot Ion:252 Resp: 563309
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 14.7 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 50.386 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BF103508.D
Acq: 7 Mar 2018 18:26

Tgt Ion:278 Resp: 368792
Ion Ratio Lower Upper
278 100
139 21.5 15.9 23.9
279 23.8 19.0 28.4

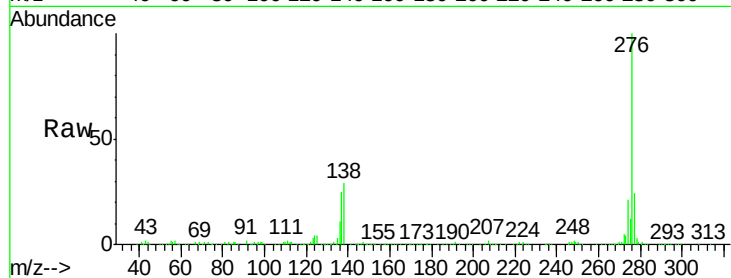




#91
 Benzo(a,h,i)perylene
 Concen: 57.091 ng
 RT: 17.57 min Scan# 2633
 Delta R.T. -0.00 min
 Lab File: BF103508.D
 Acq: 7 Mar 2018 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	17.9	26.9
138	28.5	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

