

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031518\
 Data File : BF103680.D
 Acq On : 15 Mar 2018 20:42
 Operator : JU/SJ
 Sample : PB107343BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 16 04:30:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149152	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	631657	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	299725	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	530533	20.00	ng	0.00
75) Chrysene-d12	14.15	240	425710	20.00	ng	0.00
86) Perylene-d12	15.67	264	391124	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1666274	169.92	ng	0.02
7) Phenol-d6	6.60	99	2113424	176.16	ng	0.01
23) Nitrobenzene-d5	7.53	82	822824	90.84	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	484278	187.92	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1457730	77.58	ng	0.00
78) Terphenyl-d14	13.09	244	1497889	81.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	221750	45.924	ng	93
3) Pyridine	3.68	79	594046	44.728	ng	92
4) n-Nitrosodimethylamine	3.64	42	243139	49.651	ng	93
6) Aniline	6.63	93	595687	34.772	ng	98
8) 2-Chlorophenol	6.76	128	479818	46.708	ng	97
9) Benzaldehyde	6.52	77	139333	17.678	ng	98
10) Phenol	6.60	94	591631	46.408	ng	98
11) bis(2-Chloroethyl)ether	6.70	93	476707	45.297	ng	96
12) 1,3-Dichlorobenzene	6.91	146	508674	43.477	ng	99
13) 1,4-Dichlorobenzene	6.99	146	511939	43.544	ng	99
14) 1,2-Dichlorobenzene	7.14	146	477647	43.782	ng	99
15) Benzyl Alcohol	7.10	79	436765	46.986	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	669158	44.705	ng	96
17) 2-Methylphenol	7.21	107	418512	45.749	ng	99
18) Hexachloroethane	7.48	117	194197	46.959	ng	95
19) n-Nitroso-di-n-propylamine	7.37	70	335013	43.573	ng	96
20) 3+4-Methylphenols	7.36	107	514767	44.340	ng	# 87
22) Acetophenone	7.37	105	677408	41.728	ng	# 96
24) Nitrobenzene	7.55	77	518299	48.740	ng	98
25) Isophorone	7.79	82	982027	46.834	ng	98
26) 2-Nitrophenol	7.86	139	225496	54.213	ng	99
27) 2,4-Dimethylphenol	7.89	122	469608	52.278	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	607681	47.860	ng	100
29) 2,4-Dichlorophenol	8.10	162	403536	49.377	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	407918	43.035	ng	98
31) Naphthalene	8.27	128	1393908	43.685	ng	100
32) Benzoic acid	8.01	122	286719	45.807	ng	99
33) 4-Chloroaniline	8.32	127	334586	24.994	ng	97
34) Hexachlorobutadiene	8.39	225	217974	41.942	ng	99
35) Caprolactam	8.69	113	61833	21.972	ng	91
36) 4-Chloro-3-methylphenol	8.79	107	435331	48.319	ng	97
37) 2-Methylnaphthalene	8.96	142	918718	45.403	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	363700	42.534	ng	99
40) Hexachlorocyclopentadiene	9.12	237	444701	100.788	ng	99

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 Misc :
 ALS Vial : 15 Sample Multiplier: 1

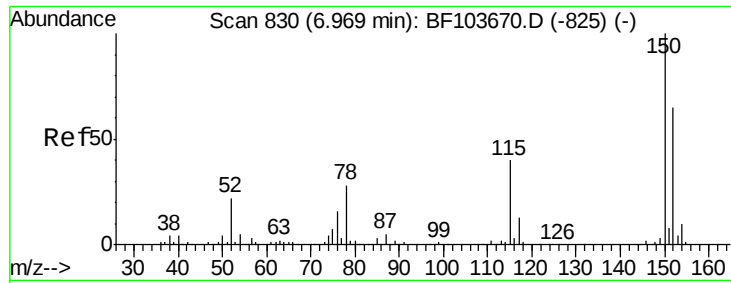
Instrument :
 BNA_F
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Quant Time: Mar 16 04:30:23 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

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

42) 2,4,6-Trichlorophenol	9.23	196	270756	49.504	ng	100
43) 2,4,5-Trichlorophenol	9.27	196	280849	45.495	ng	97
45) 1,1'-Biphenyl	9.43	154	1056872	42.287	ng	99
46) 2-Chloronaphthalene	9.46	162	847316	42.684	ng	98
47) 2-Nitroaniline	9.55	65	257274	49.324	ng	95
48) Acenaphthylene	9.87	152	1291641	41.961	ng	99
49) Dimethylphthalate	9.73	163	978342	42.783	ng	100
50) 2,6-Dinitrotoluene	9.79	165	214256	48.399	ng	90
51) Acenaphthene	10.05	154	861707	47.146	ng	99
52) 3-Nitroaniline	9.96	138	167076	32.824	ng	95
53) 2,4-Dinitrophenol	10.06	184	172864	103.226	ng	# 22
54) Dibenzofuran	10.22	168	1156696	44.310	ng	97
55) 4-Nitrophenol	10.12	139	411675	97.192	ng	92
56) 2,4-Dinitrotoluene	10.19	165	288924	51.094	ng	96
57) Fluorene	10.56	166	869665	42.933	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	229074	52.370	ng	99
59) Diethylphthalate	10.43	149	965004	42.518	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	395325	42.704	ng	95
61) 4-Nitroaniline	10.58	138	246833	48.346	ng	96
62) Azobenzene	10.71	77	1013176	43.908	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	111528	53.921	ng	99
65) n-Nitrosodiphenylamine	10.67	169	803463	44.492	ng	99
66) 4-Bromophenyl-phenylether	11.04	248	245152	45.005	ng	96
67) Hexachlorobenzene	11.10	284	266201	42.818	ng	99
68) Atrazine	11.19	200	256087	45.843	ng	99
69) Pentachlorophenol	11.30	266	300472	84.065	ng	97
70) Phenanthrene	11.53	178	1246722	42.959	ng	99
71) Anthracene	11.58	178	1306472	44.323	ng	100
72) Carbazole	11.73	167	1240020	43.283	ng	99
73) Di-n-butylphthalate	12.05	149	1482509	43.127	ng	99
74) Fluoranthene	12.72	202	1315227	43.990	ng	99
76) Benzidine	12.84	184	776336	42.757	ng	99
77) Pyrene	12.95	202	1327503	42.461	ng	99
79) Butylbenzylphthalate	13.56	149	644383	46.521	ng	99
80) Benzo(a)anthracene	14.14	228	1192229	44.243	ng	99
81) 3,3'-Dichlorobenzidine	14.10	252	212585	23.585	ng	98
82) Chrysene	14.18	228	1116446	43.462	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	898353	45.399	ng	99
84) Di-n-octyl phthalate	14.74	149	1507142	52.353	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	1038440	46.291	ng	97
87) Benzo(b)fluoranthene	15.22	252	1135921	45.970	ng	97
88) Benzo(k)fluoranthene	15.26	252	1023962	43.108	ng	100
89) Benzo(a)pyrene	15.62	252	1035809	46.216	ng	98
90) Dibenzo(a,h)anthracene	17.26	278	869177	44.787	ng	98
91) Benzo(g,h,i)perylene	17.72	276	854341	45.251	ng	96

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

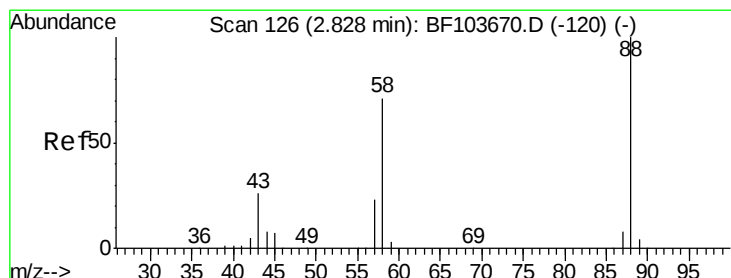
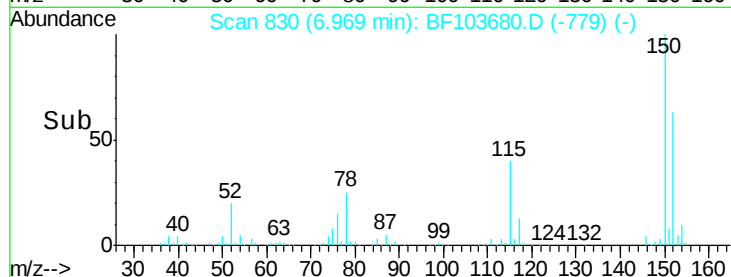
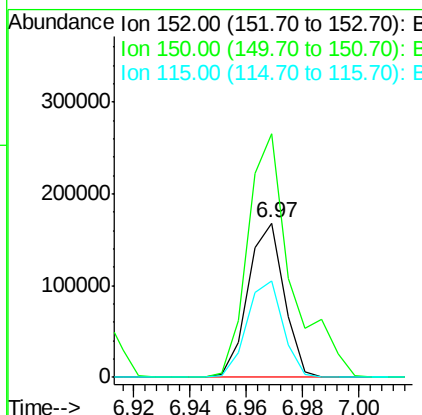
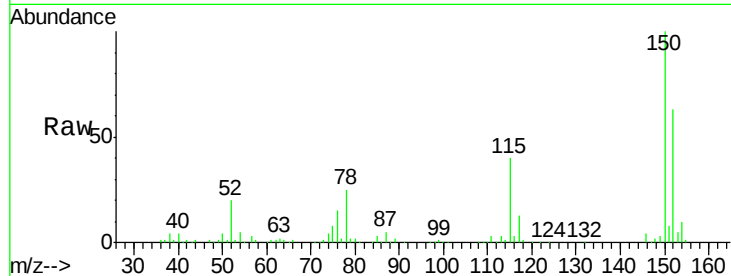


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

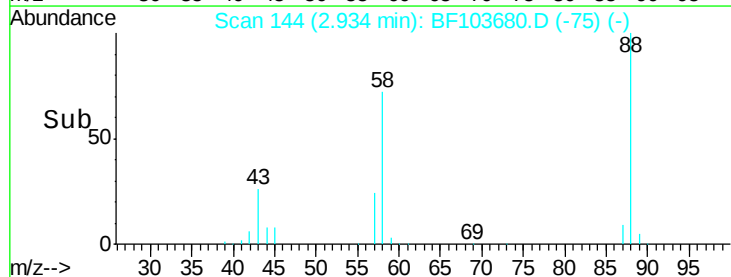
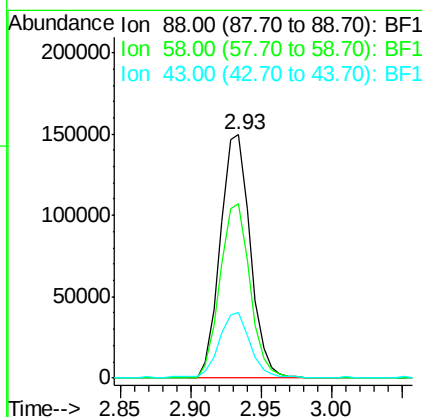
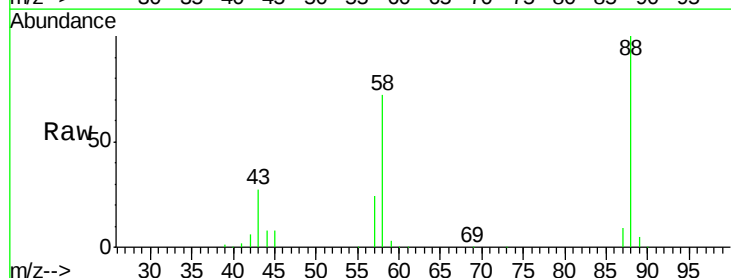
Tot Ion:152 Resp: 149152
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 62.6 50.1 75.1

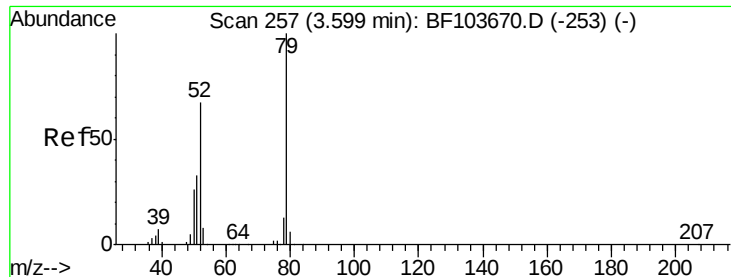


#2

1,4-Dioxane
Concen: 45.924 ng
RT: 2.93 min Scan# 144
Delta R.T. 0.11 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion: 88 Resp: 221750
Ion Ratio Lower Upper
88 100
58 71.5 62.6 93.8
43 27.1 24.6 37.0





#3

Pvridine

Concen: 44.728 ng

RT: 3.68 min Scan# 271

Delta R.T. 0.08 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

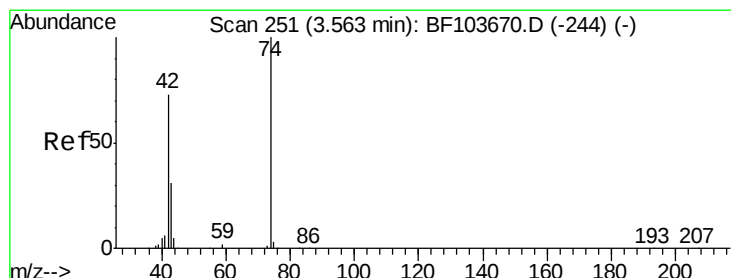
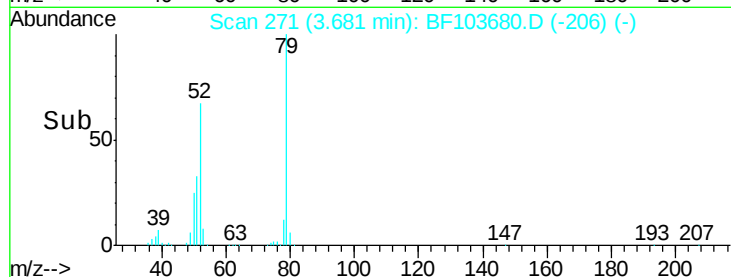
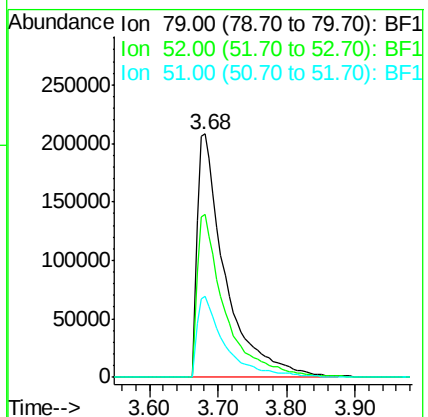
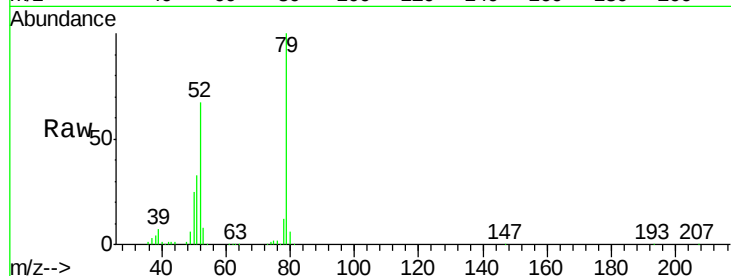
Tot Ion: 79 Resp: 594046

Ion Ratio Lower Upper

79 100

52 67.1 59.8 89.6

51 33.3 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 49.651 ng

RT: 3.64 min Scan# 264

Delta R.T. 0.08 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

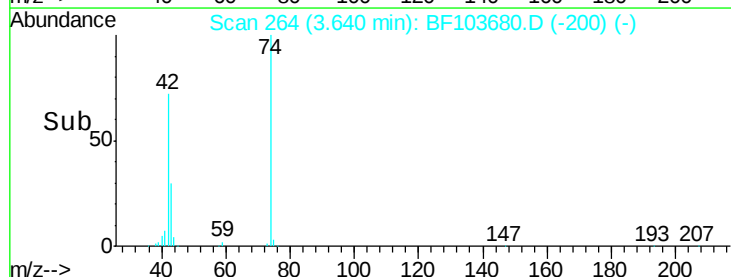
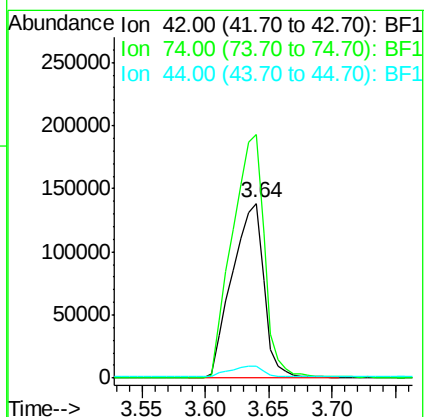
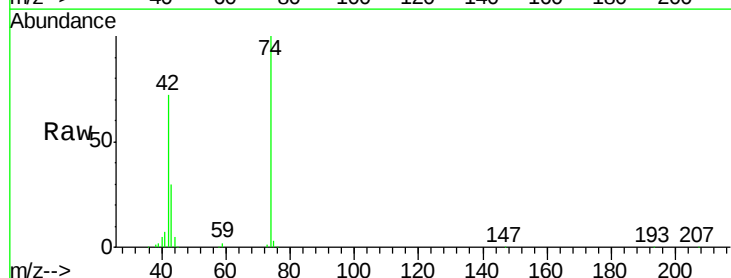
Tgt Ion: 42 Resp: 243139

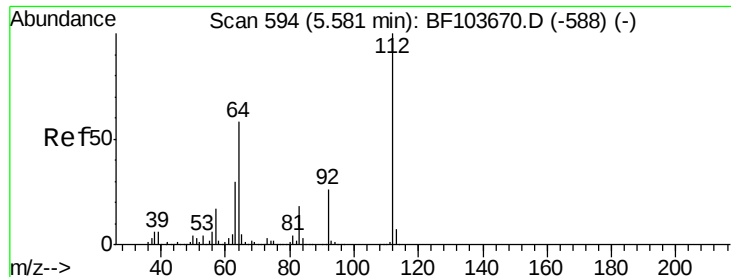
Ion Ratio Lower Upper

42 100

74 139.1 104.9 157.3

44 6.9 6.9 10.3





#5

2-Fluorophenol

Concen: 169.920 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

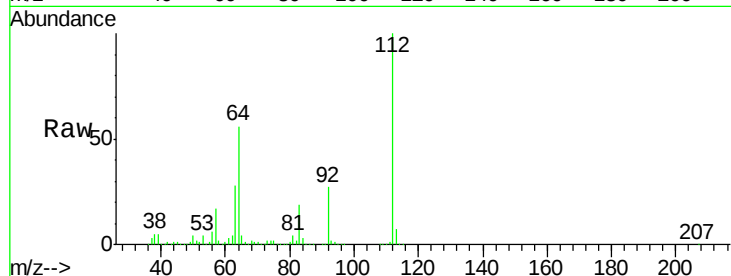
Tot Ion:112 Resp: 1666274

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

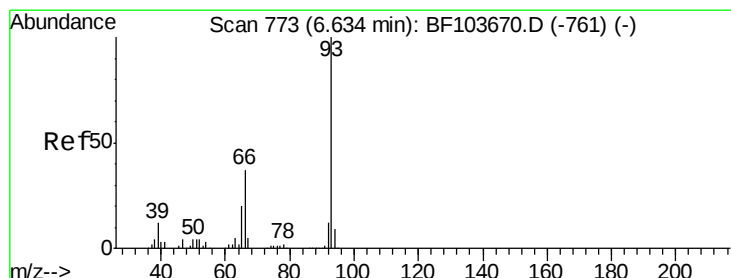
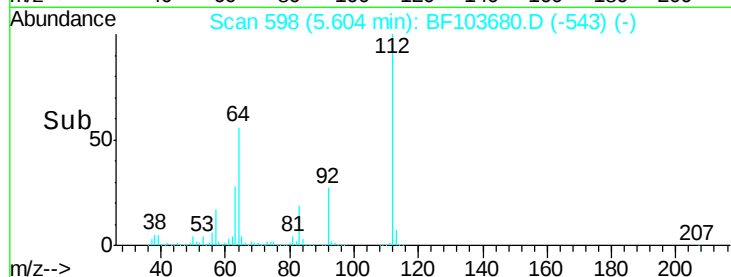
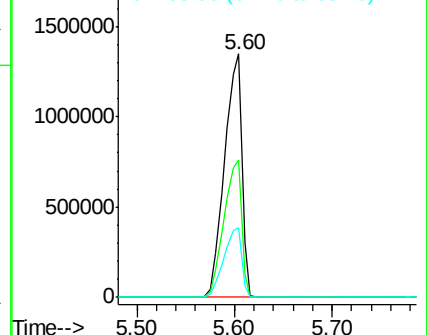
63 28.5 23.7 35.5



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: 34.772 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

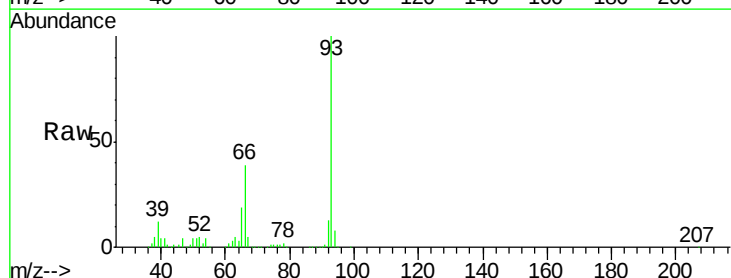
Tgt Ion: 93 Resp: 595687

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

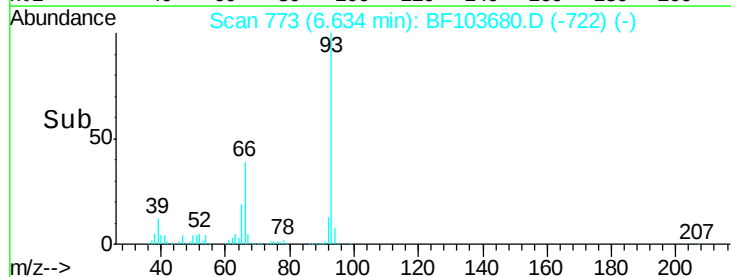
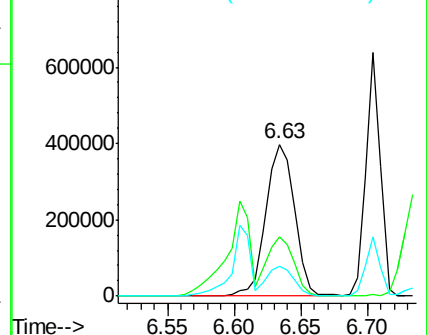
65 19.4 16.4 24.6



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: 176.160 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

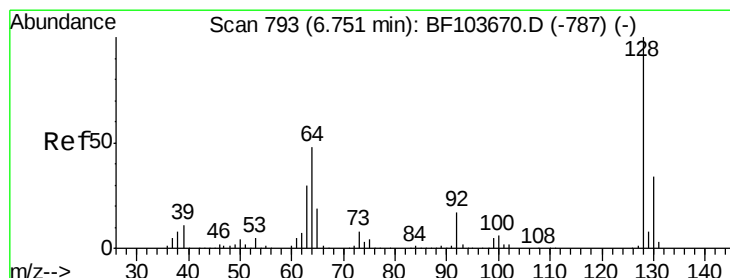
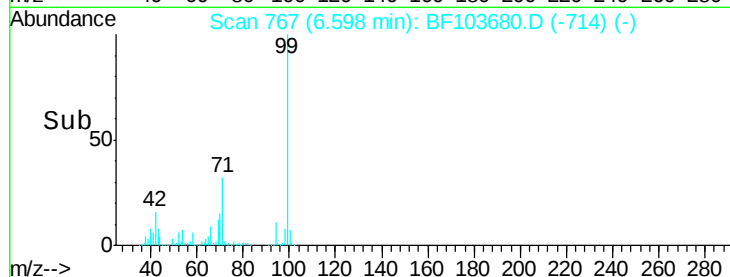
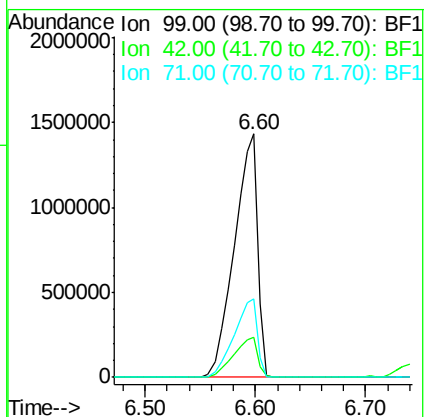
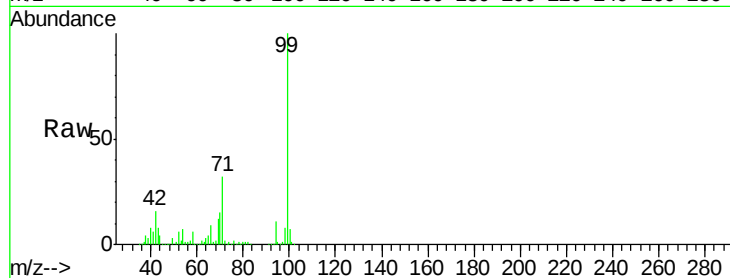
Tot Ion: 99 Resp: 2113424

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 32.4 25.4 38.0



#8

2-Chlorophenol

Concen: 46.708 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

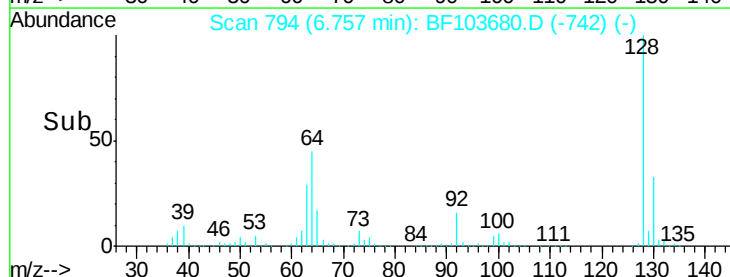
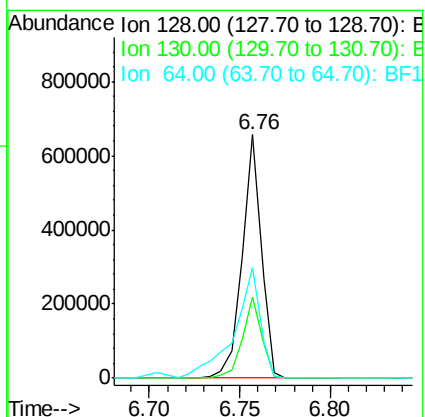
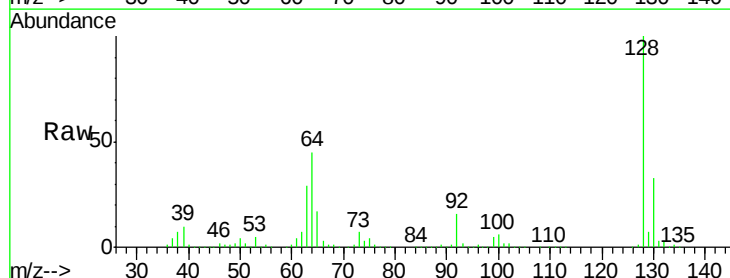
Tgt Ion: 128 Resp: 479818

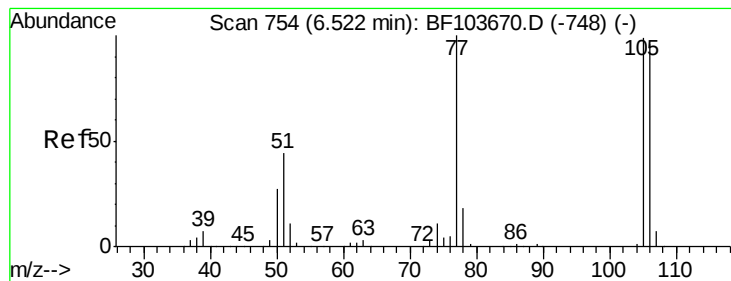
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.5 29.4 69.4





#9

Benzaldehyde

Concen: 17.678 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

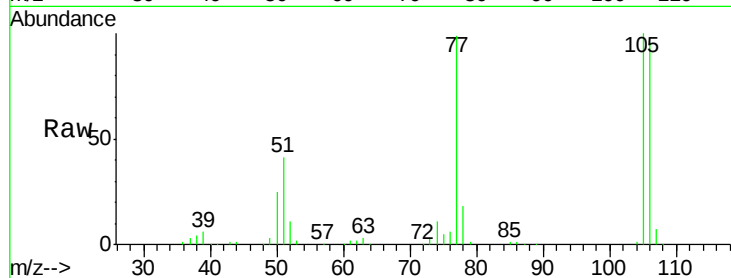
Tot Ion: 77 Resp: 139333

Ion Ratio Lower Upper

77 100

105 101.4 81.1 121.1

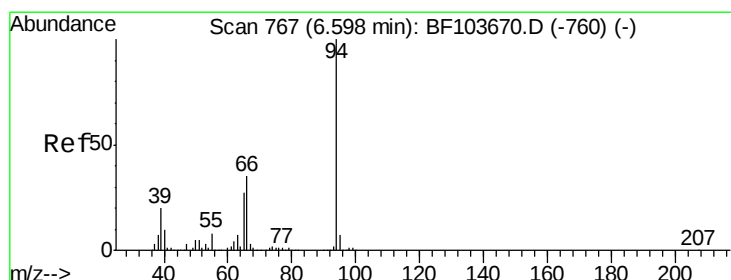
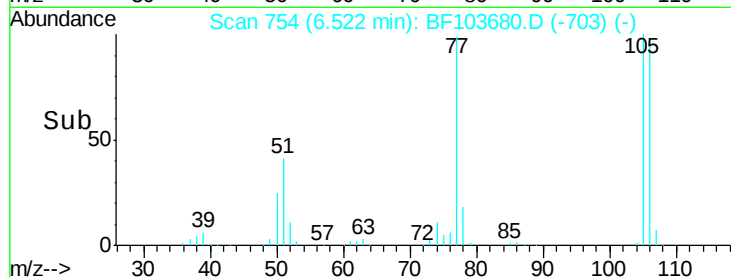
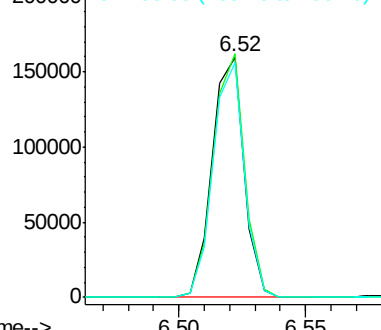
106 97.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 46.408 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

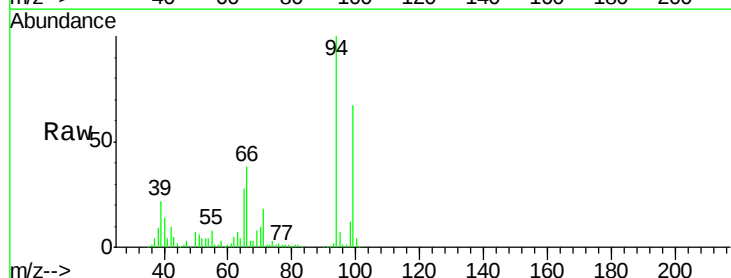
Tgt Ion: 94 Resp: 591631

Ion Ratio Lower Upper

94 100

65 28.4 7.9 47.9

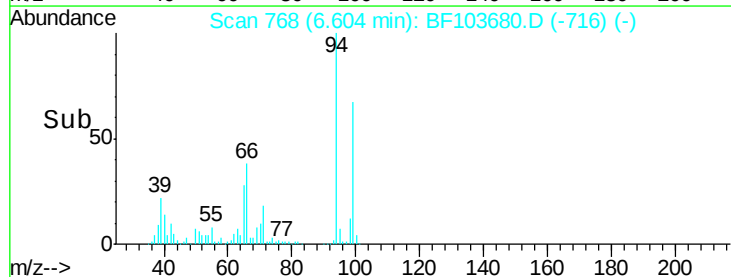
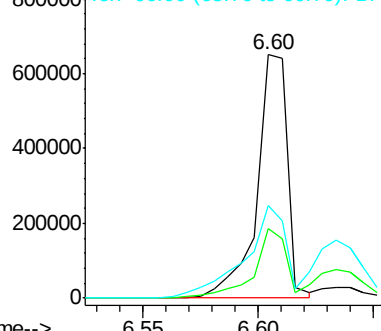
66 38.3 16.2 56.2

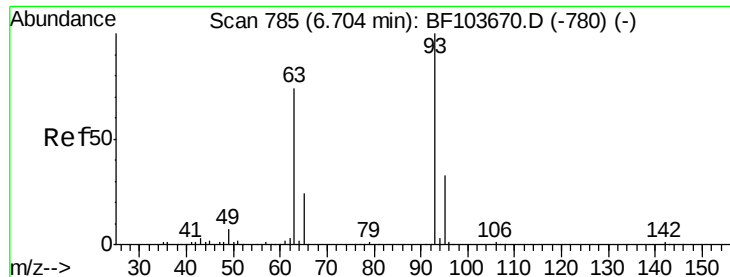


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

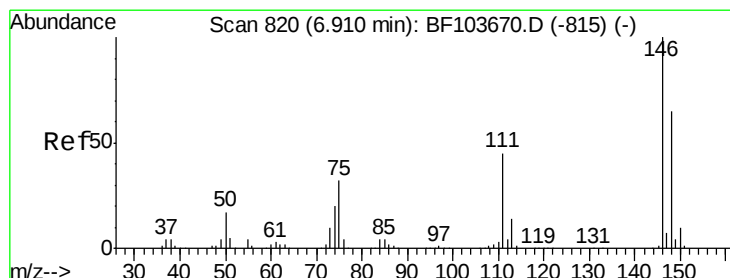
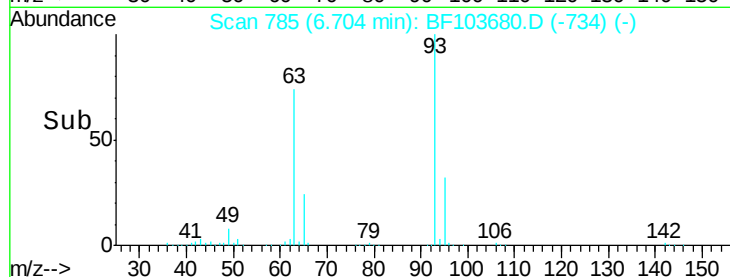
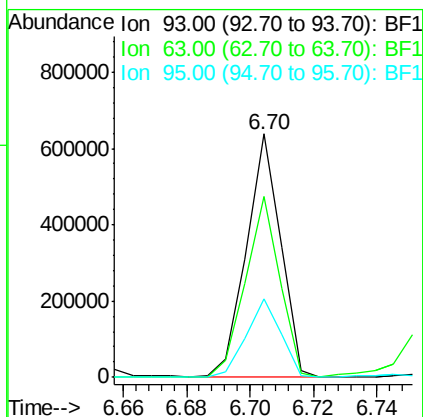
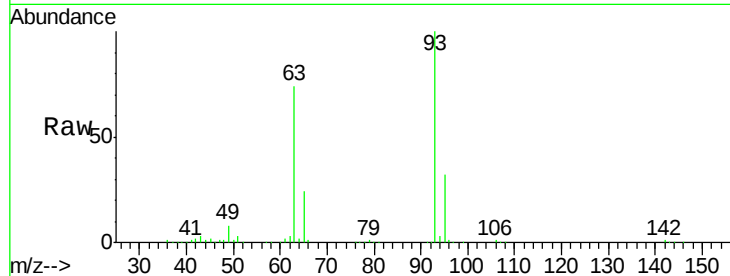




#11
bis(2-Chloroethyl)ether
Concen: 45.297 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

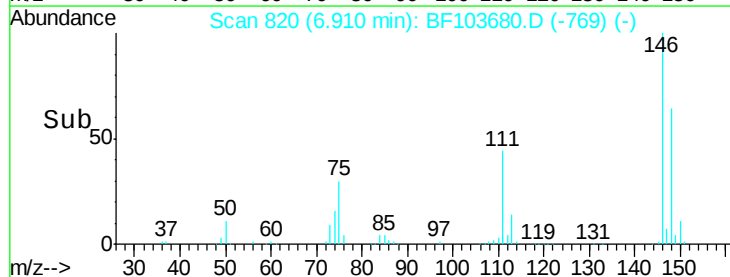
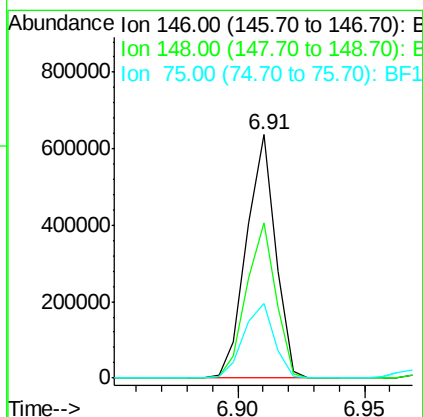
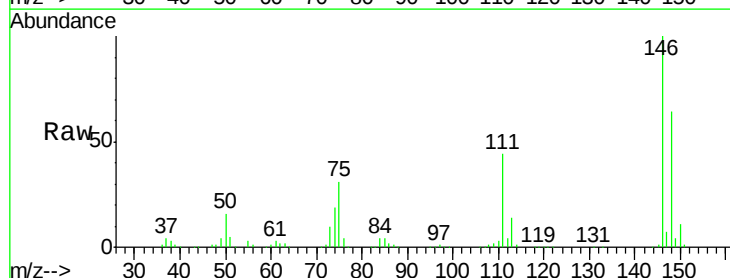
Instrument :
BNA_F
ClientSampleId :

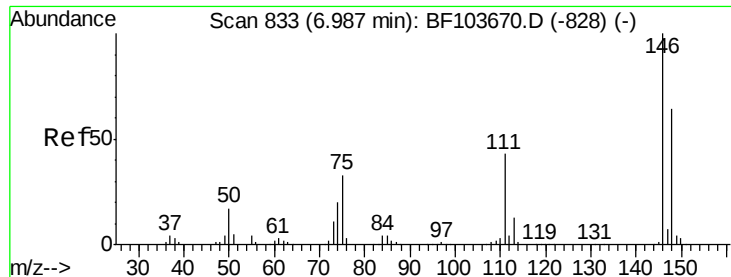
Tot Ion: 93 Resp: 476707
Ion Ratio Lower Upper
93 100
63 74.2 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.477 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion: 146 Resp: 508674
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.8
75 30.9 24.2 36.4

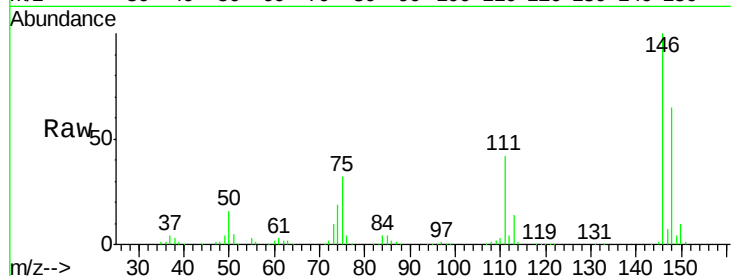




#13
 1,4-Dichlorobenzene
 Concen: 43.544 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	42.4	34.2	51.2

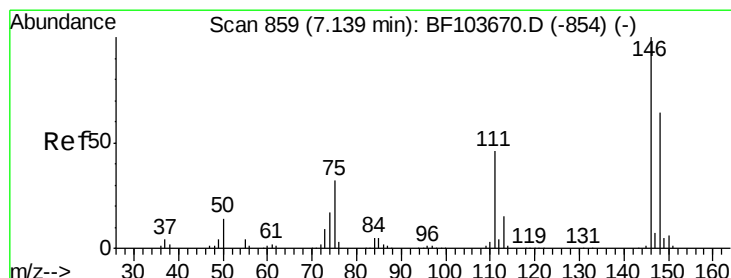
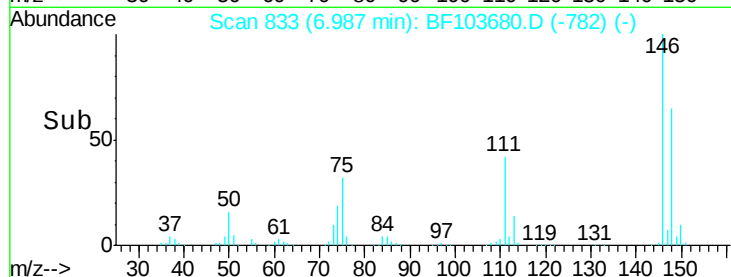
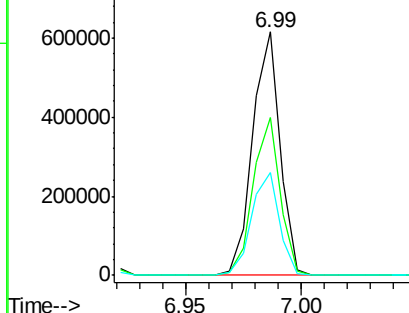


Abundance

Ion 146.00 (145.70 to 146.70): E

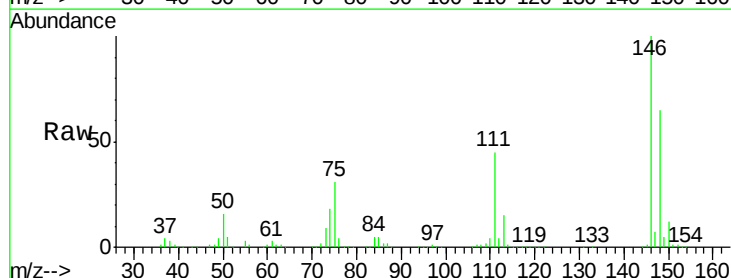
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.782 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	44.7	36.0	54.0

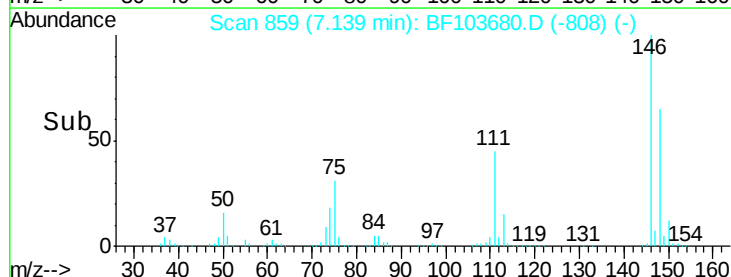
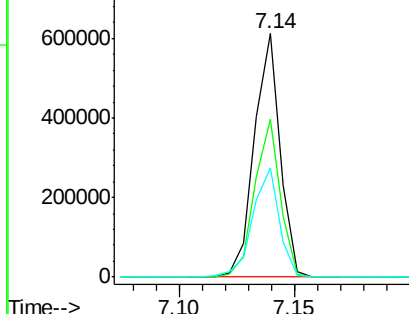


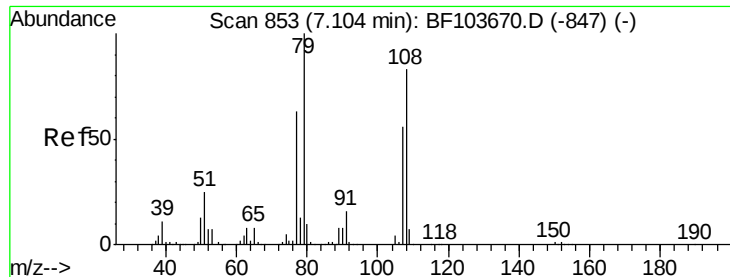
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.986 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

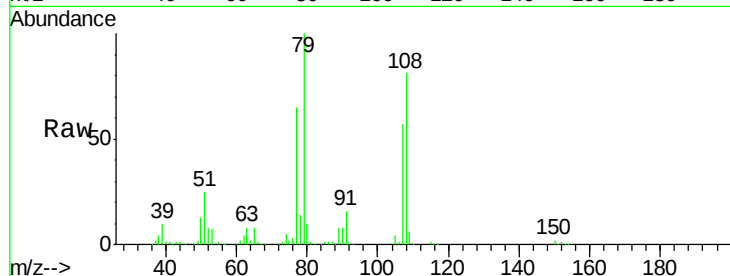
Tot Ion: 79 Resp: 436765

Ion Ratio Lower Upper

79 100

108 81.1 65.1 97.7

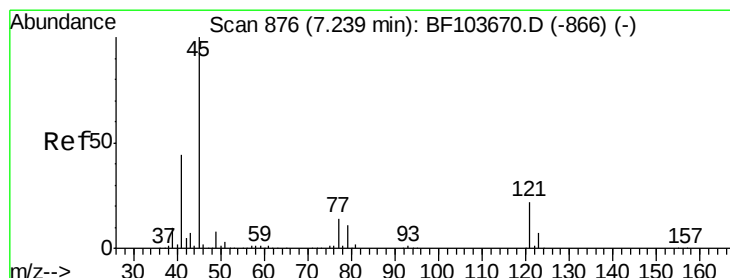
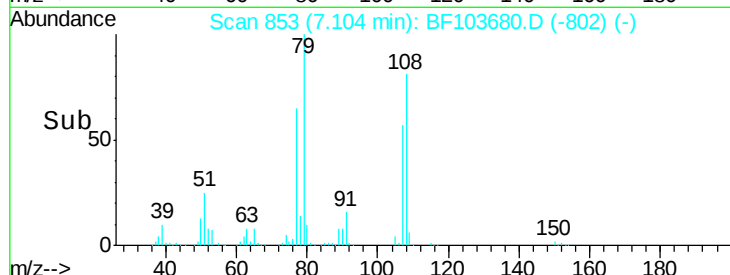
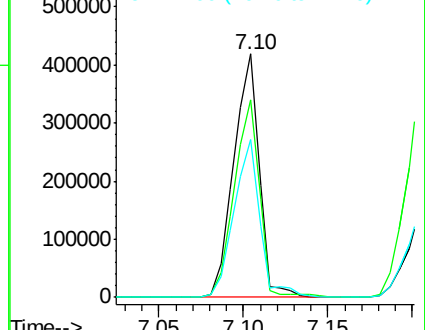
77 64.8 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.705 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

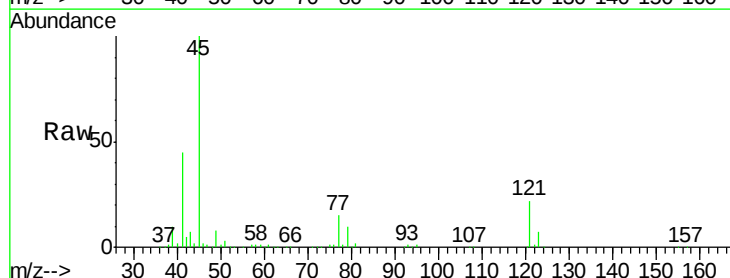
Tgt Ion: 45 Resp: 669158

Ion Ratio Lower Upper

45 100

77 14.9 0.0 32.9

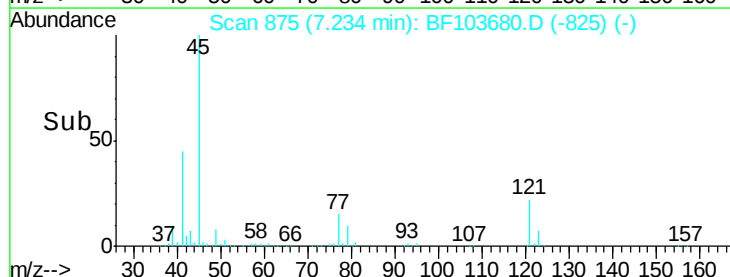
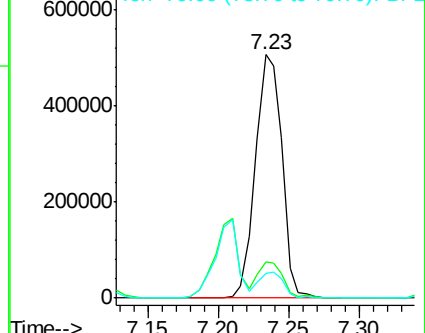
79 10.4 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

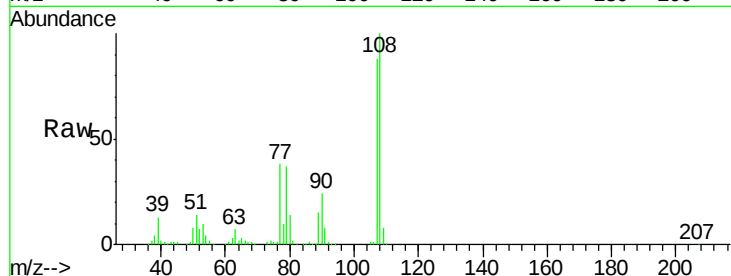




#17
2-Methylphenol
Concen: 45.749 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.4	91.7	137.5
77	42.9	33.8	50.8
79	41.9	33.8	50.8



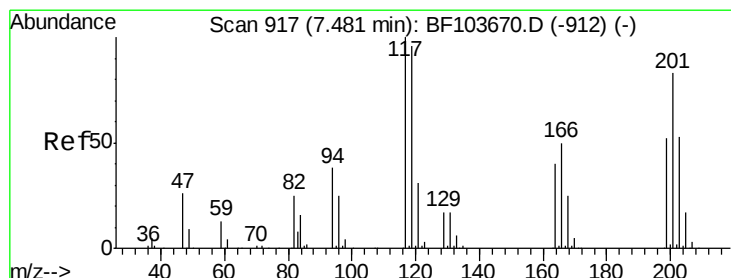
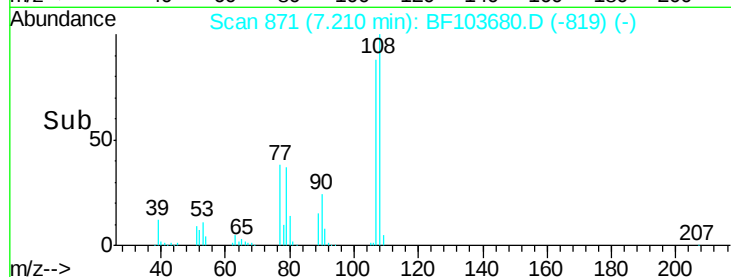
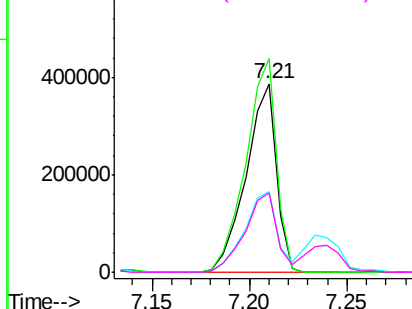
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

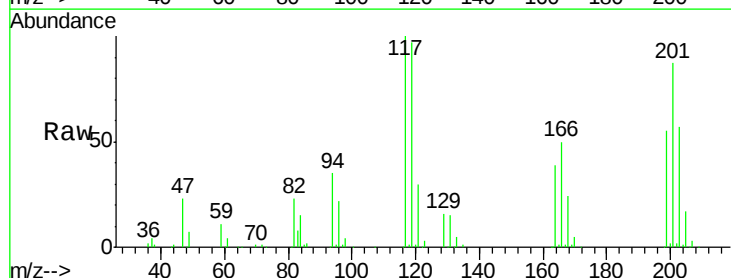
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 46.959 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.8
201	87.4	75.7	113.5

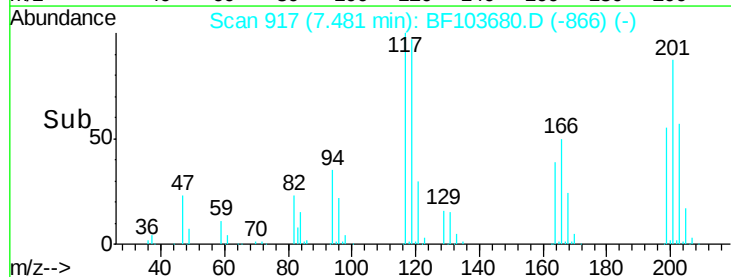
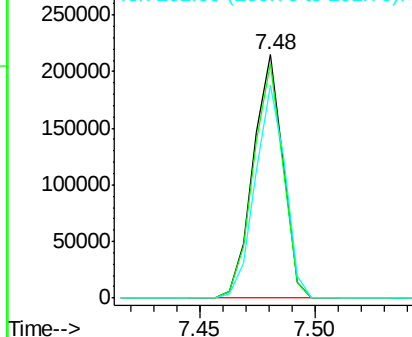


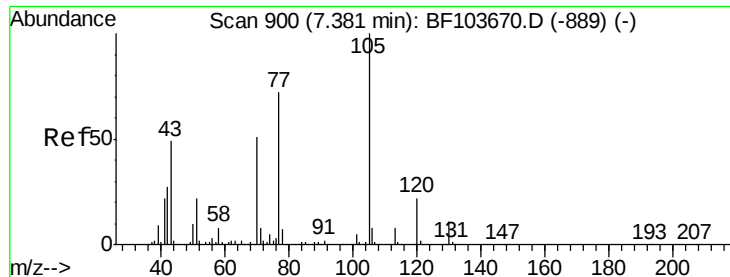
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

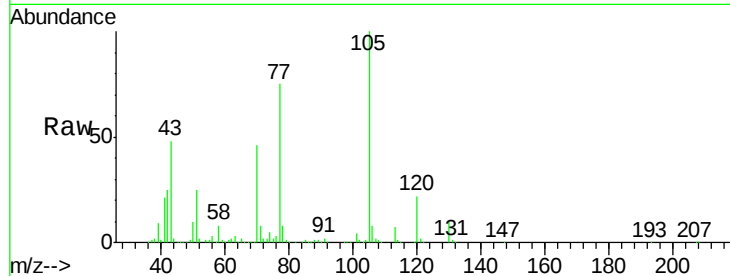




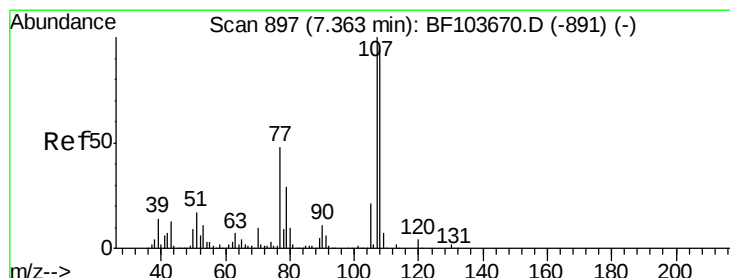
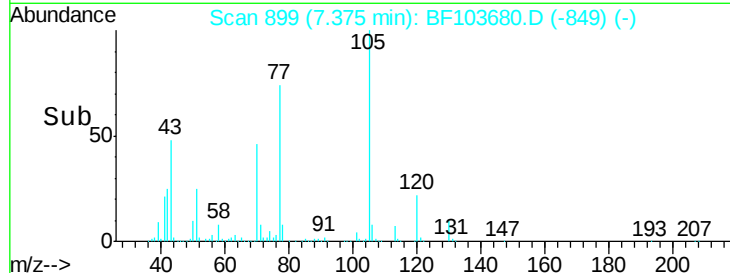
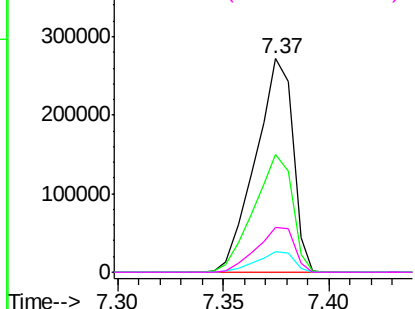
#19
n-Nitroso-di-n-propylamine
Concen: 43.573 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 335013
Ion Ratio Lower Upper
70 100
42 54.9 47.5 71.3
101 9.5 7.4 11.2
130 21.0 16.6 25.0

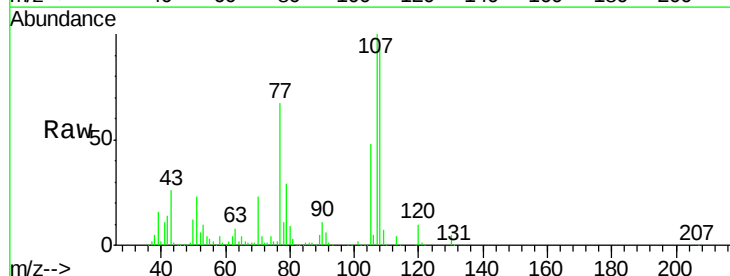


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

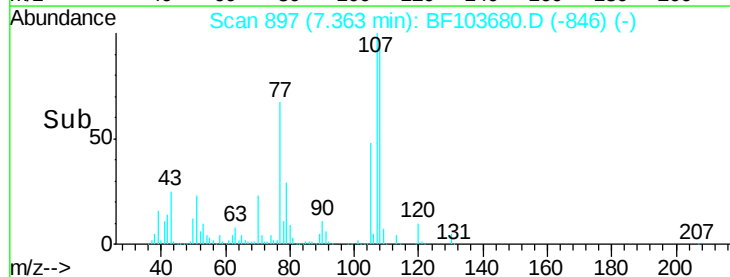
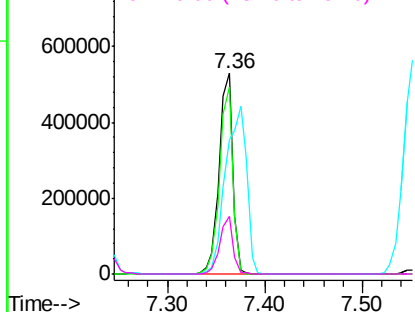


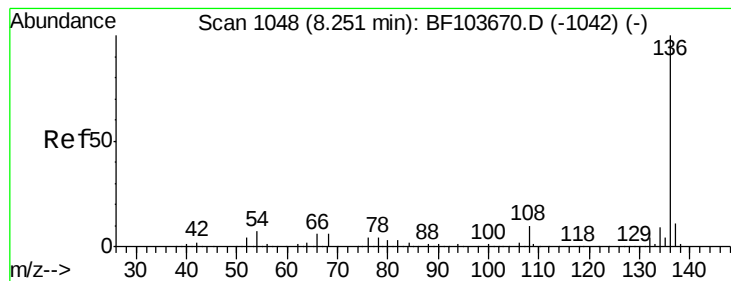
#20
3+4-Methylphenols
Concen: 44.340 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion: 107 Resp: 514767
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 67.1 26.7 66.7#
79 29.0 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 631657

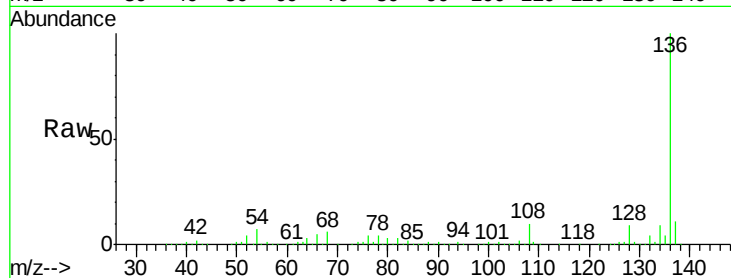
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 6.0 5.0 7.4

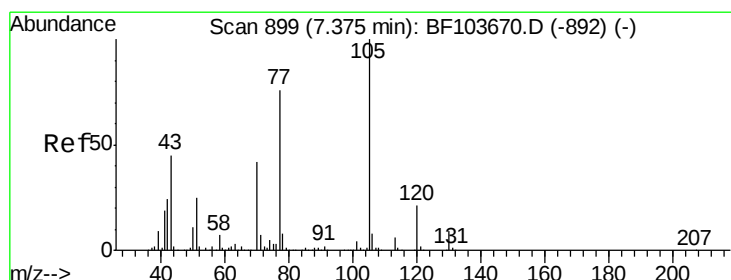
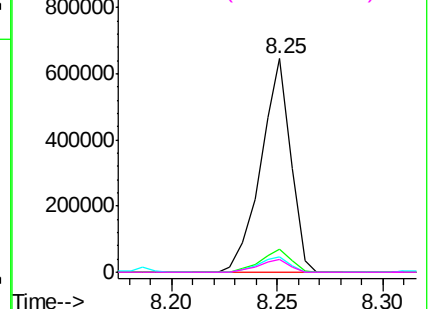
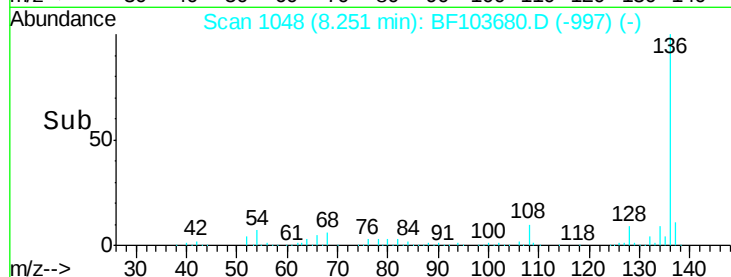


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.728 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:105 Resp: 677408

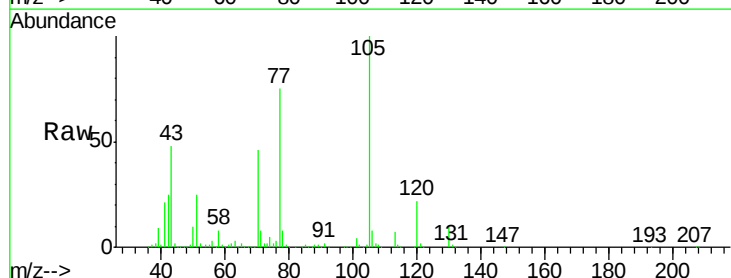
Ion Ratio Lower Upper

105 100

71 7.9 4.4 6.6#

51 24.8 22.3 33.5

120 21.8 16.9 25.3

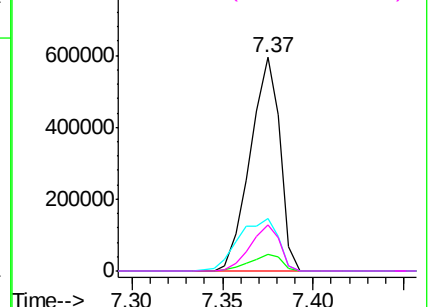
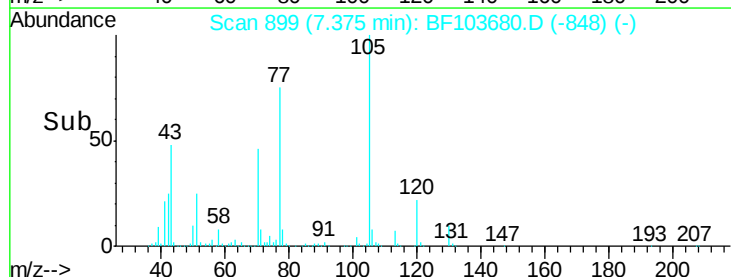


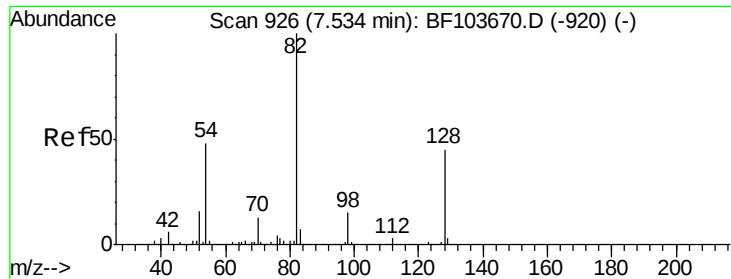
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

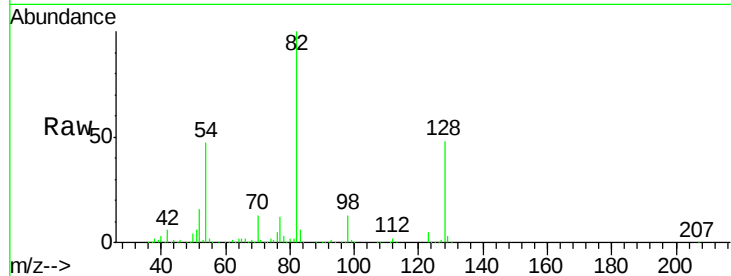




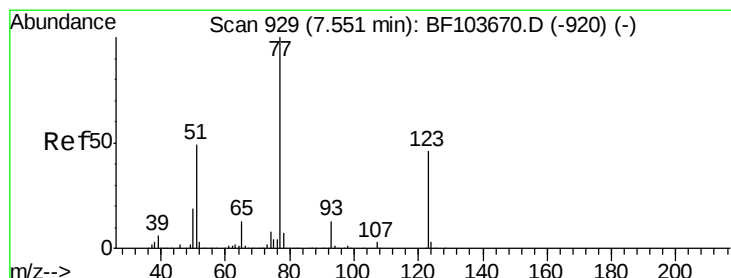
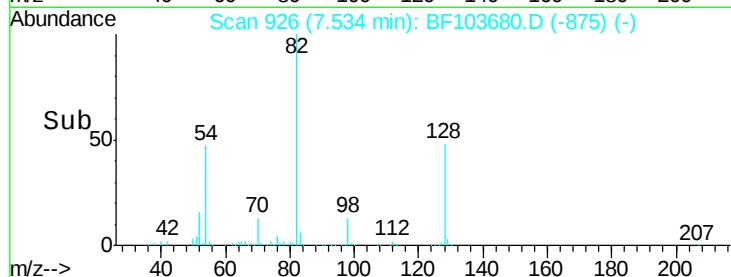
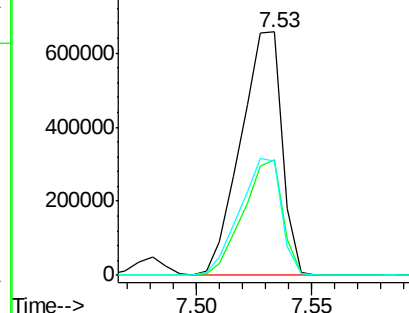
#23
 Nitrobenzene-d5
 Concen: 90.841 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 822824
 Ion Ratio Lower Upper
 82 100
 128 47.6 36.1 54.1
 54 46.8 41.4 62.2

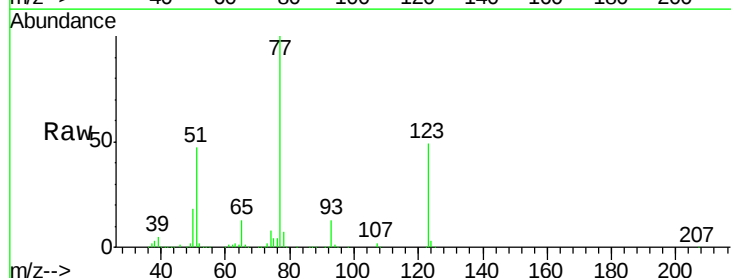


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

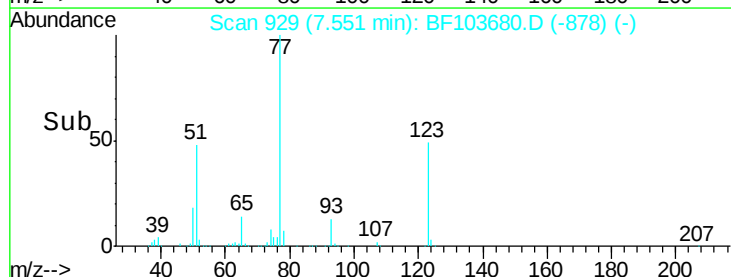
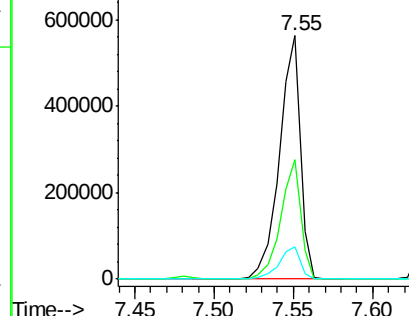


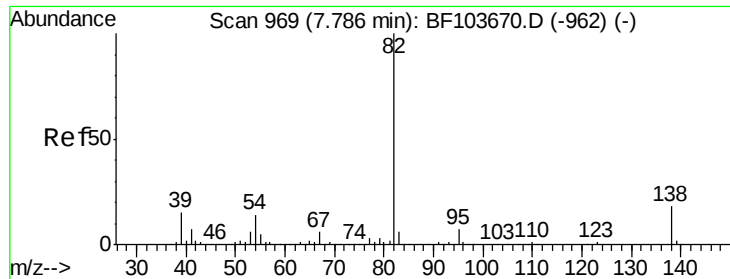
#24
 Nitrobenzene
 Concen: 48.740 ng
 RT: 7.55 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion: 77 Resp: 518299
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.9 56.9
 65 13.4 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: 46.834 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

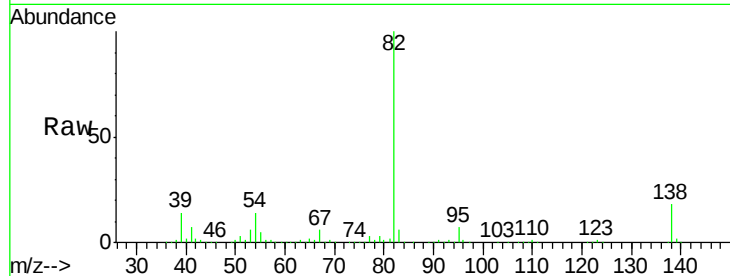
Tot Ion: 82 Resp: 982027

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

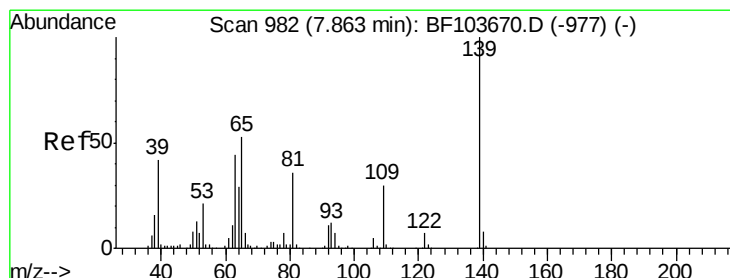
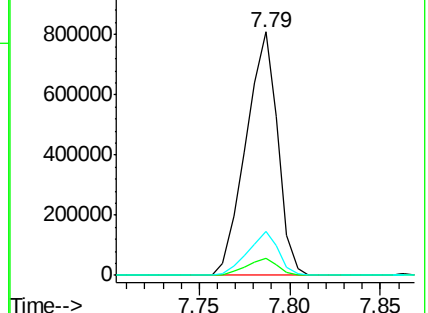
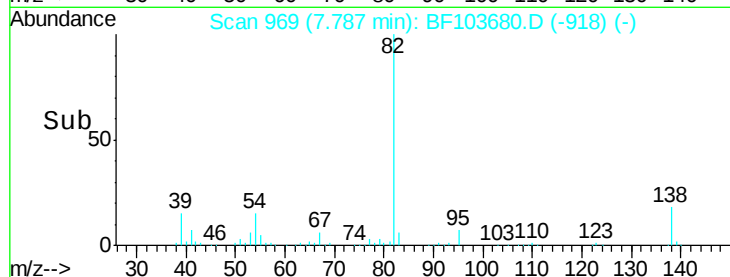
138 17.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.213 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

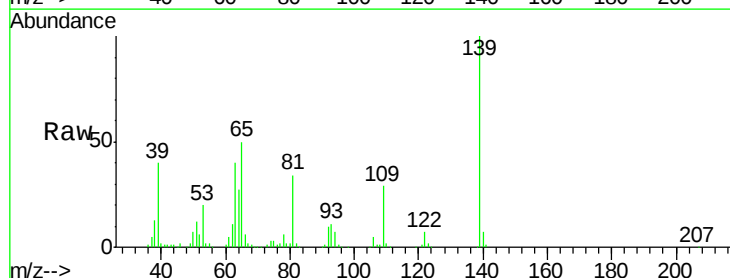
Tgt Ion: 139 Resp: 225496

Ion Ratio Lower Upper

139 100

109 29.2 22.7 34.1

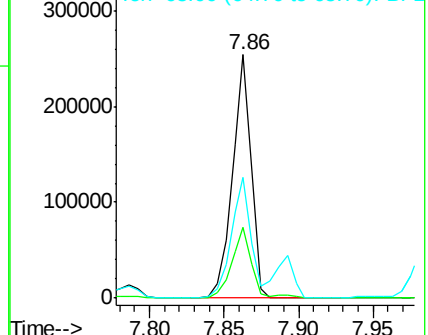
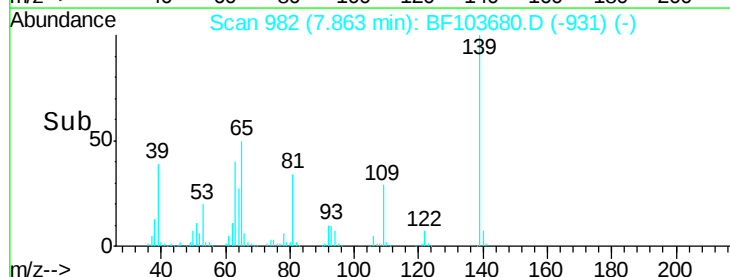
65 49.8 40.5 60.7

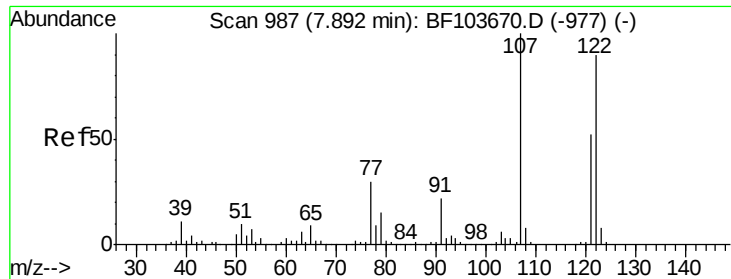


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 52.278 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

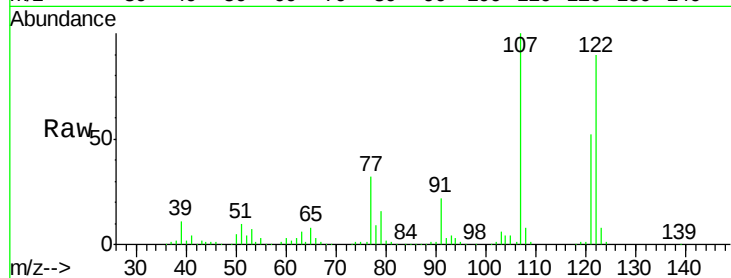
Tot Ion:122 Resp: 469608

Ion Ratio Lower Upper

122 100

107 110.7 91.2 136.8

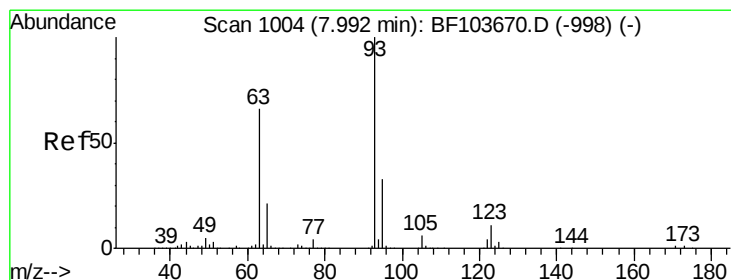
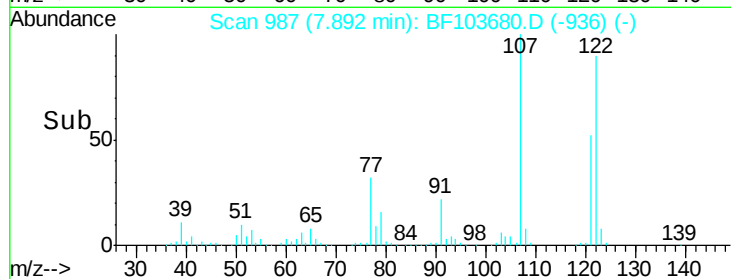
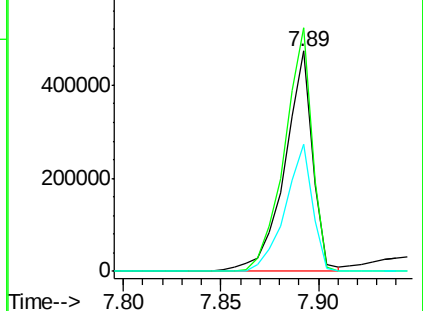
121 57.7 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.860 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

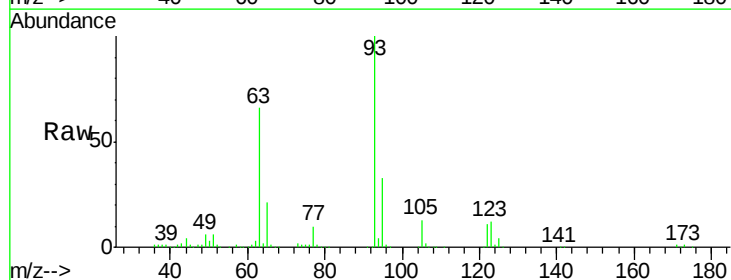
Tgt Ion: 93 Resp: 607681

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

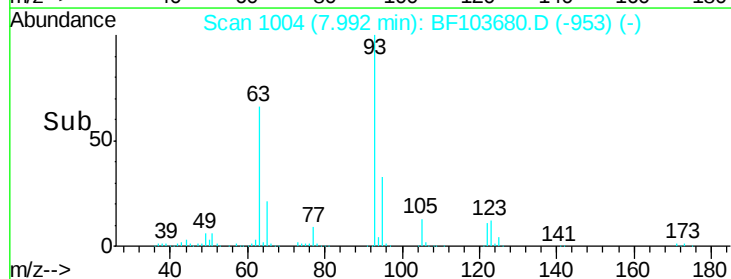
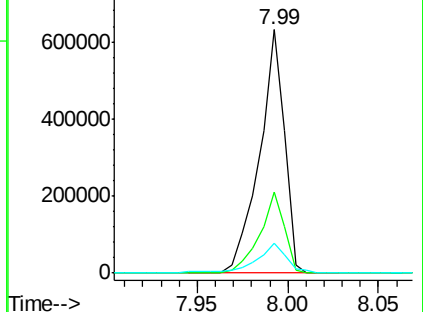
123 12.1 9.8 14.6

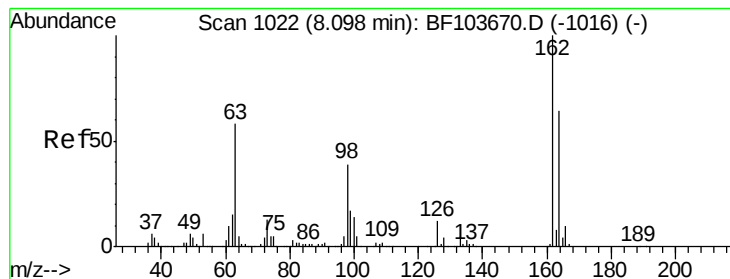


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.377 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

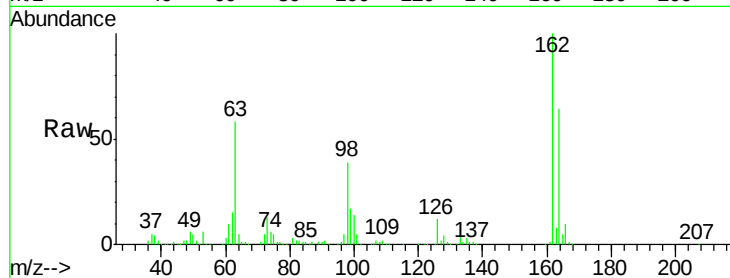
Tot Ion:162 Resp: 403536

Ion Ratio Lower Upper

162 100

164 63.9 42.7 82.7

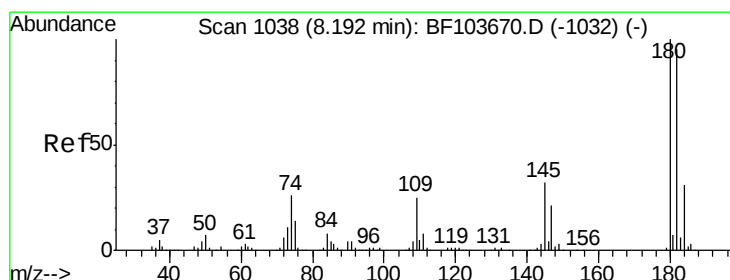
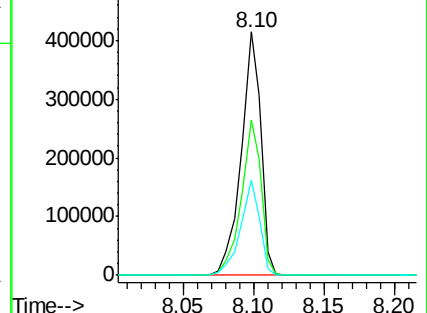
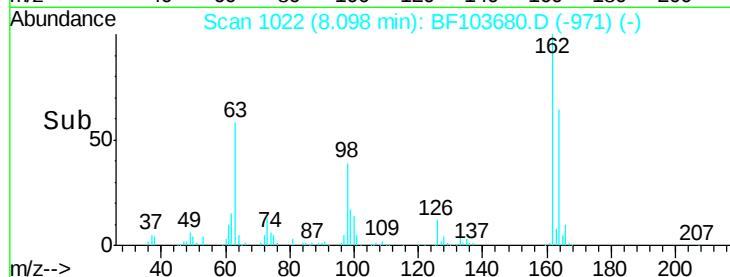
98 38.9 18.1 58.1



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: 43.035 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

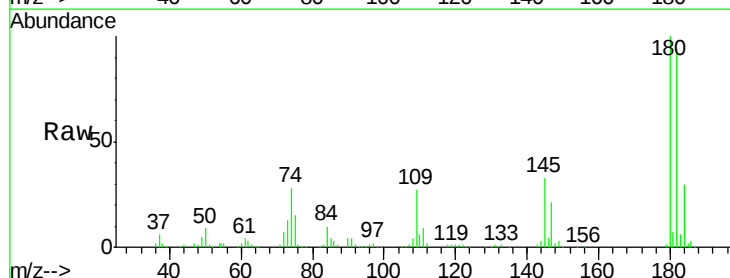
Tgt Ion:180 Resp: 407918

Ion Ratio Lower Upper

180 100

182 94.1 76.8 115.2

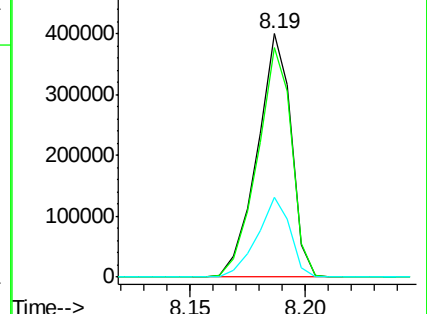
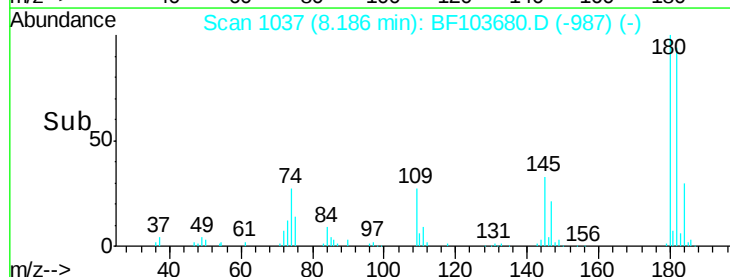
145 32.9 26.5 39.7

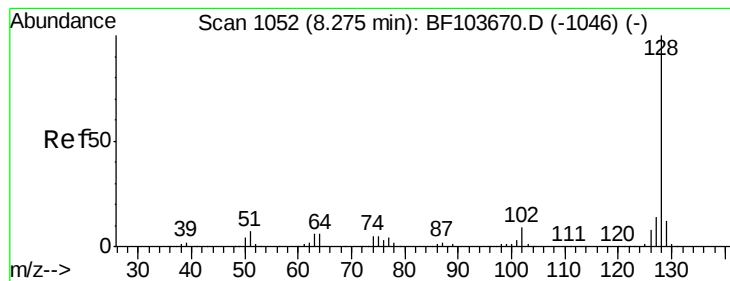


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.685 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

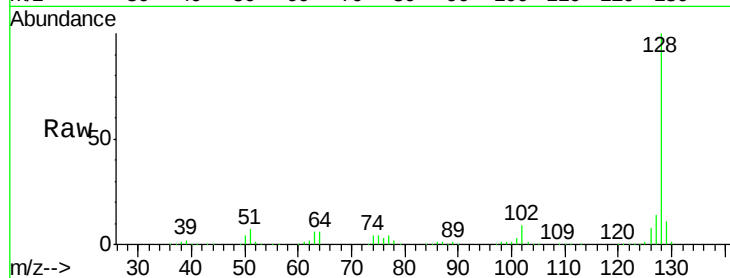
Tot Ion:128 Resp: 1393908

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

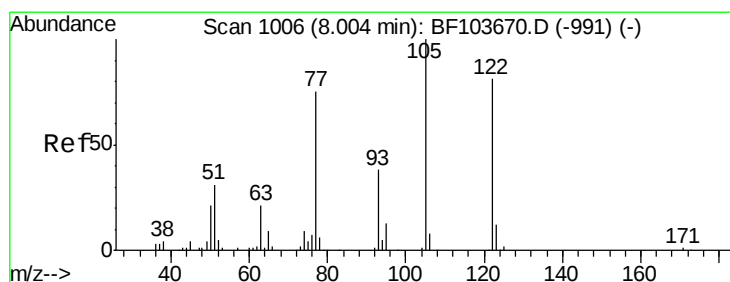
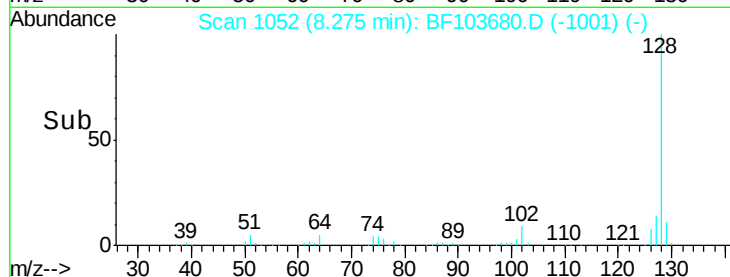
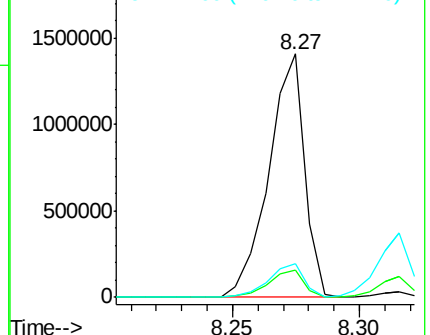
127 13.7 10.9 16.3



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: 45.807 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

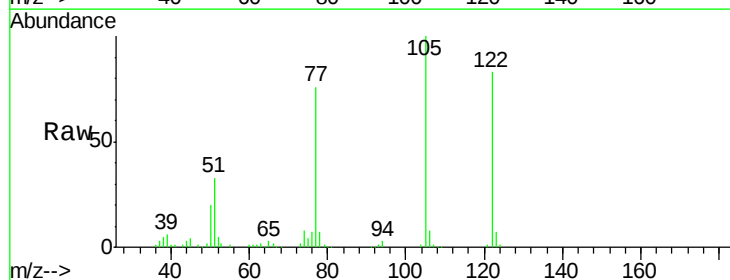
Tgt Ion:122 Resp: 286719

Ion Ratio Lower Upper

122 100

105 121.1 101.1 141.1

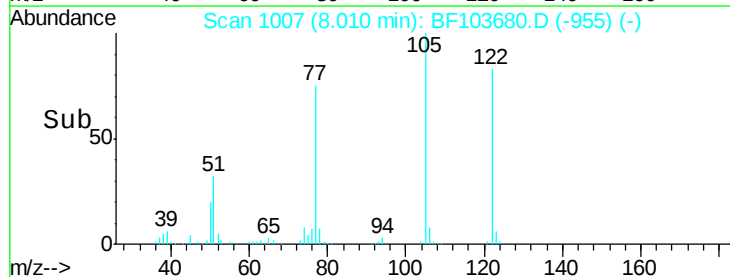
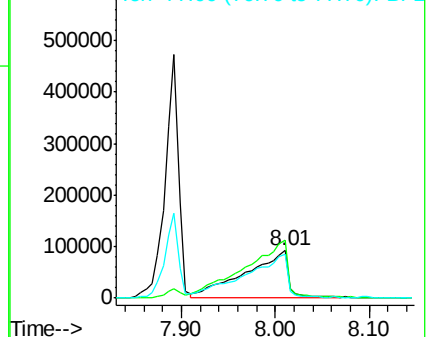
77 92.6 70.7 110.7



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

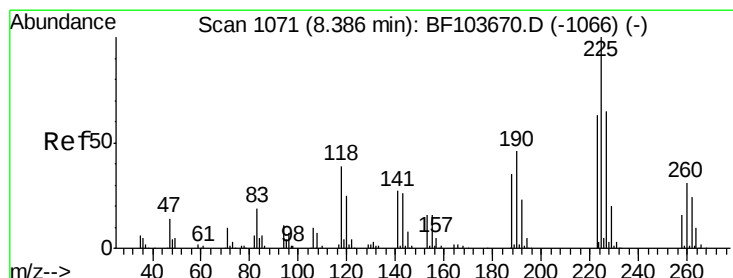
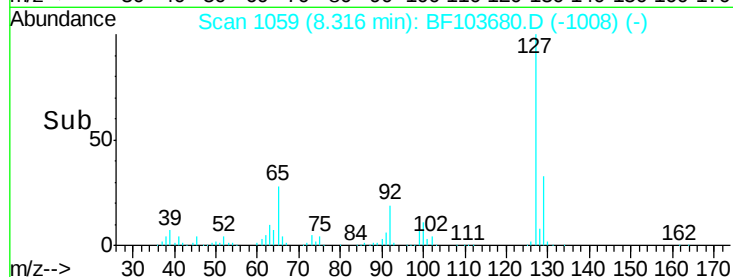
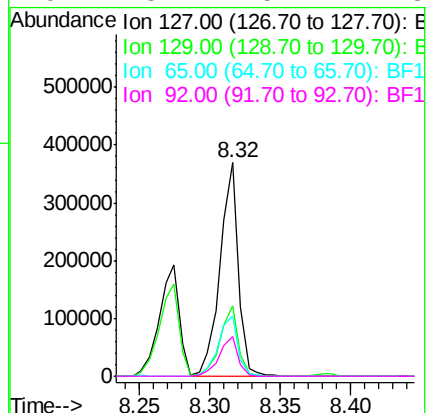
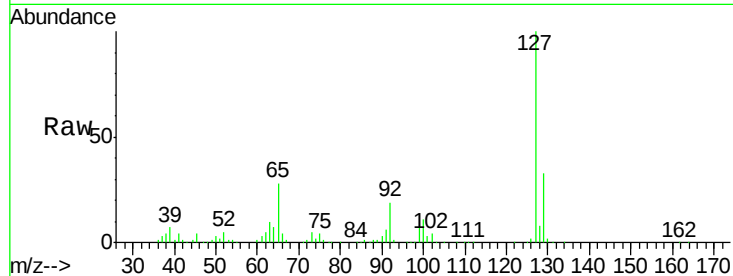




#33
4-Chloroaniline
Concen: 24.994 ng
RT: 8.32 min Scan# 1059
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

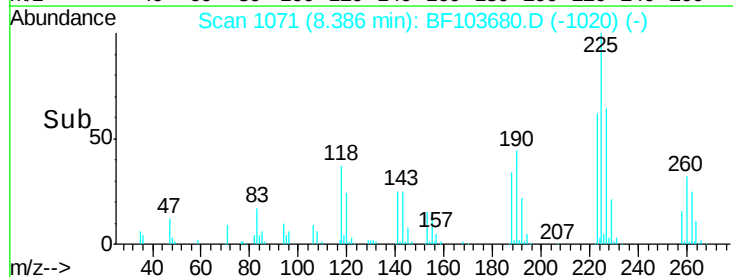
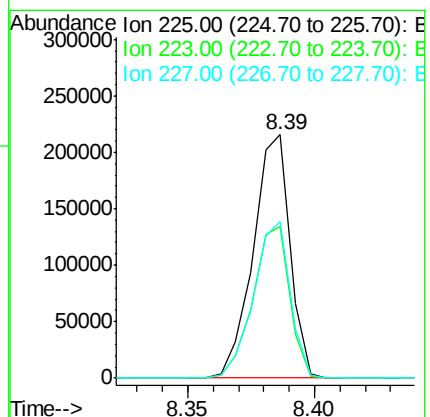
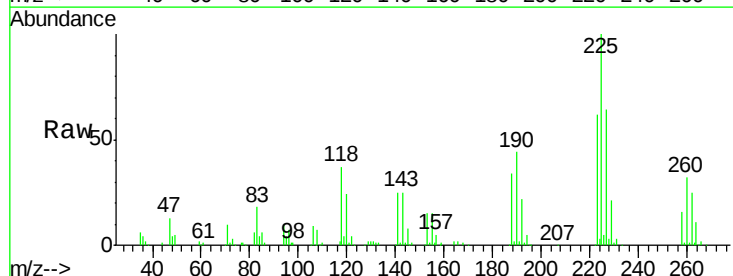
Instrument :
BNA_F
ClientSampled :

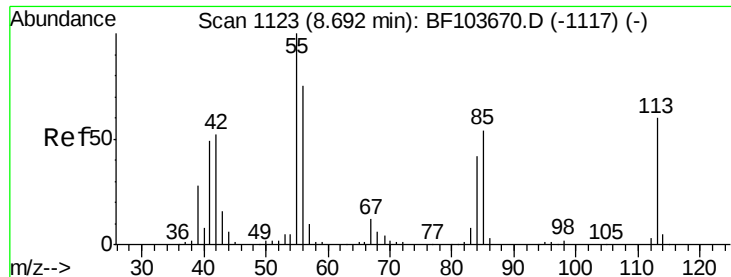
Tot Ion:	127	Resp:	334586
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.3	25.0	37.4
92	18.7	15.2	22.8



#34
Hexachlorobutadiene
Concen: 41.942 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:	225	Resp:	217974
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	64.3	51.9	77.9

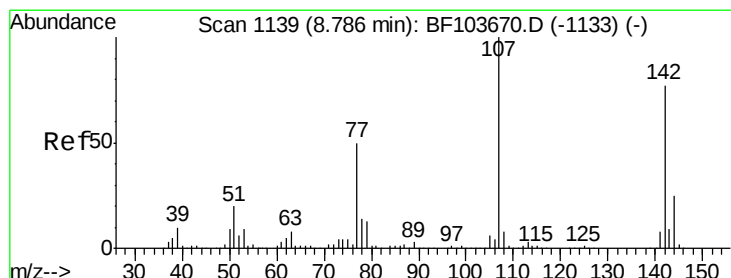
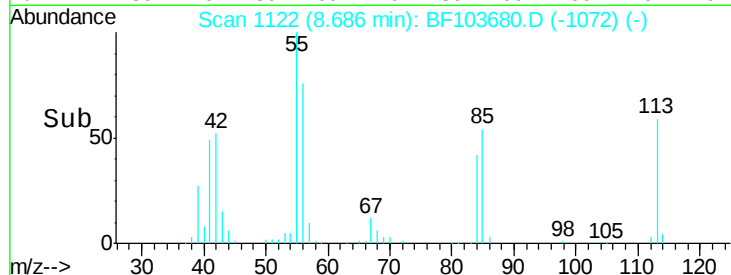
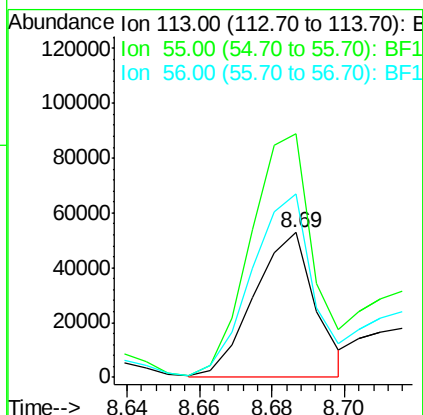
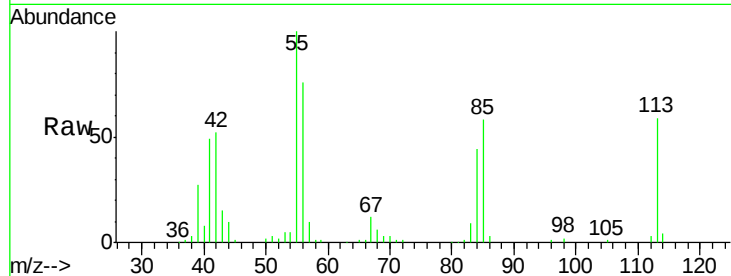




#35
 Caprolactam
 Concen: 21.972 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

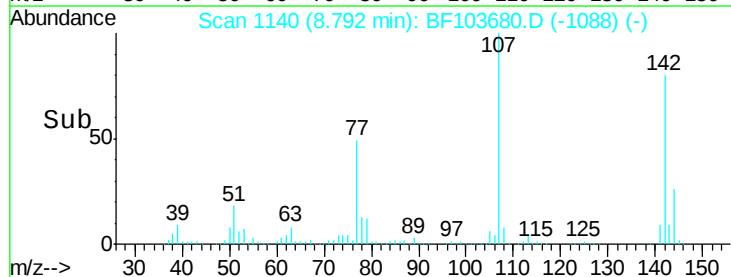
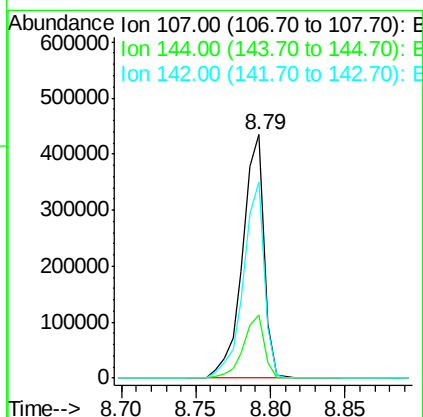
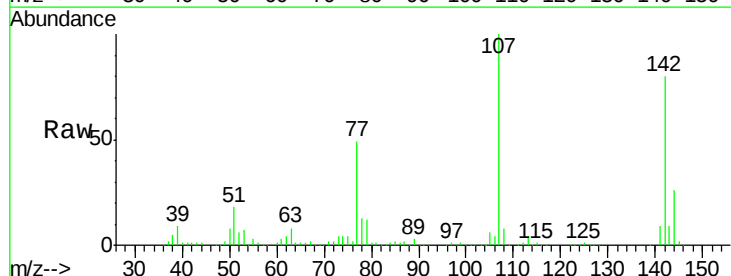
Instrument :
 BNA_F
 ClientSampled :

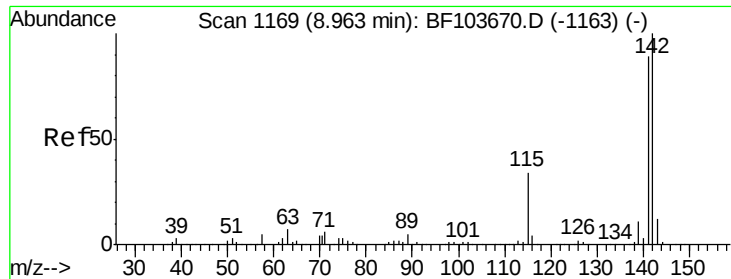
Tot Ion:113 Resp: 61833
 Ion Ratio Lower Upper
 113 100
 55 168.5 163.3 203.3
 56 127.4 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 48.319 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:107 Resp: 435331
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.5 62.0 93.0

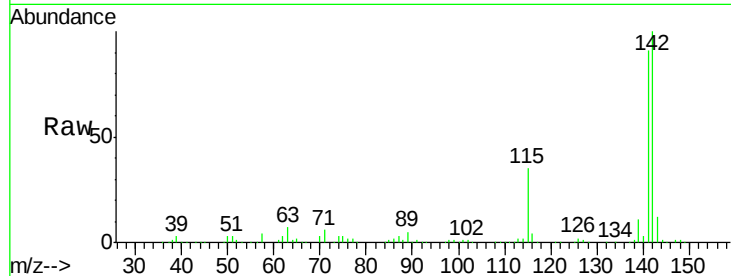




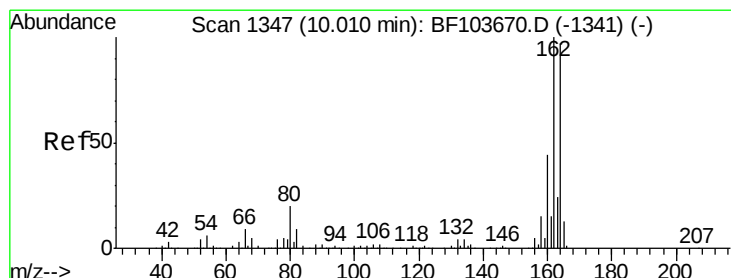
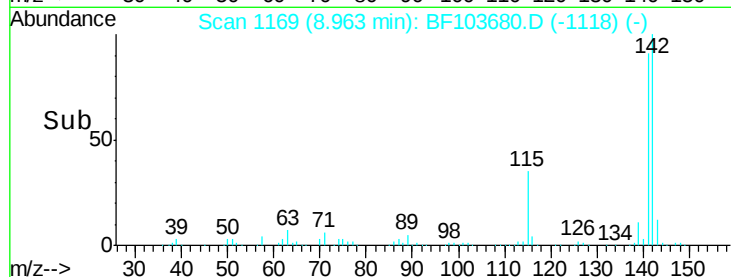
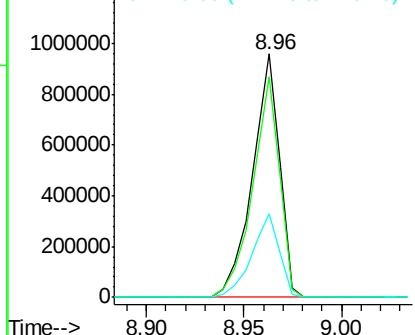
#37
2-Methylnaphthalene
Concen: 45.403 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 918718
Ion Ratio Lower Upper
142 100
141 90.5 70.8 106.2
115 34.6 26.1 39.1

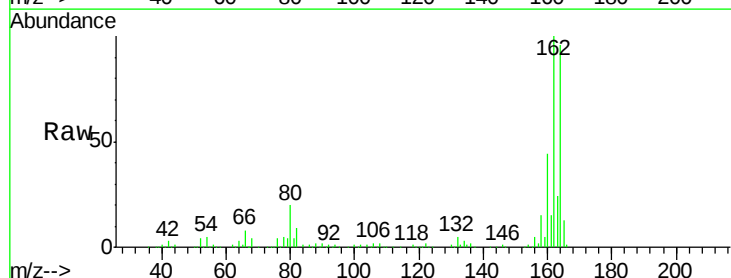


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

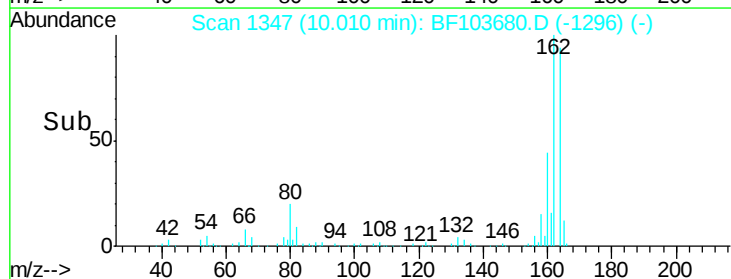
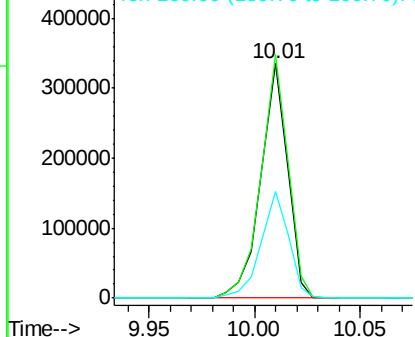


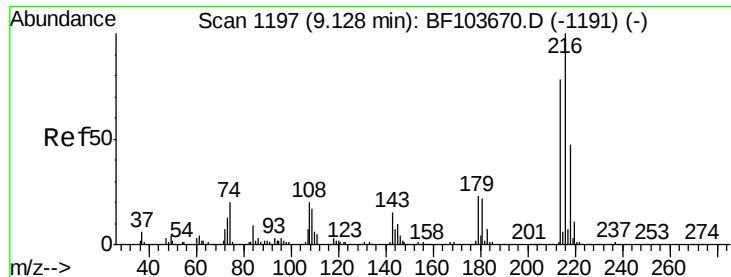
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:164 Resp: 299725
Ion Ratio Lower Upper
164 100
162 104.0 86.1 129.1
160 45.8 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

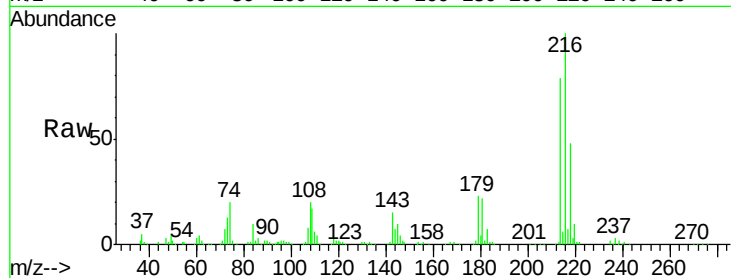




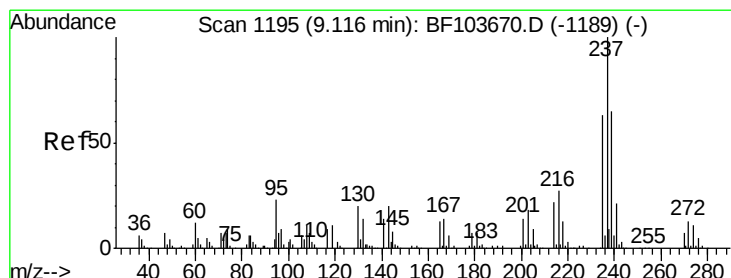
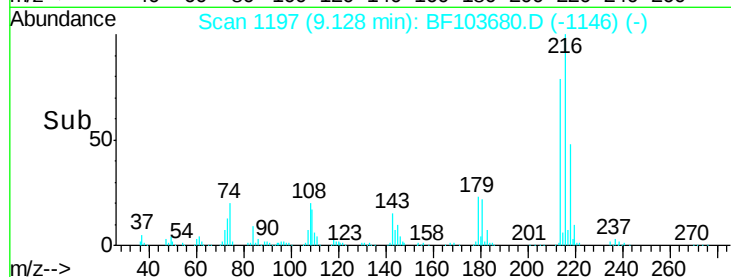
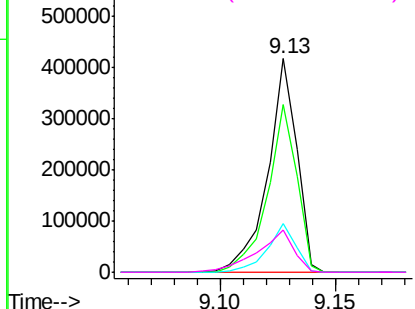
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.534 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	363700
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.5	18.1	27.1
108	24.6	17.2	25.8

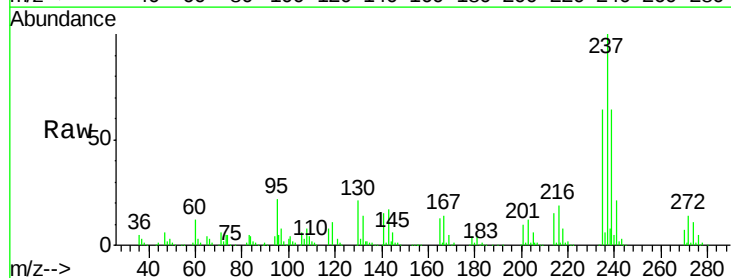


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

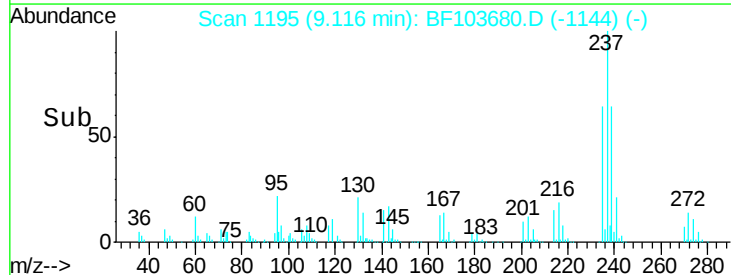
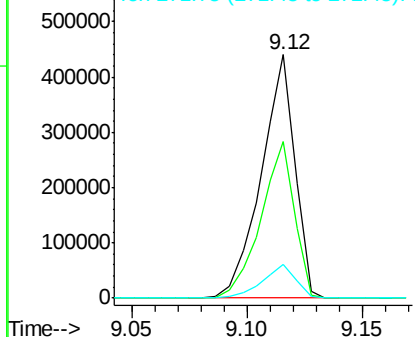


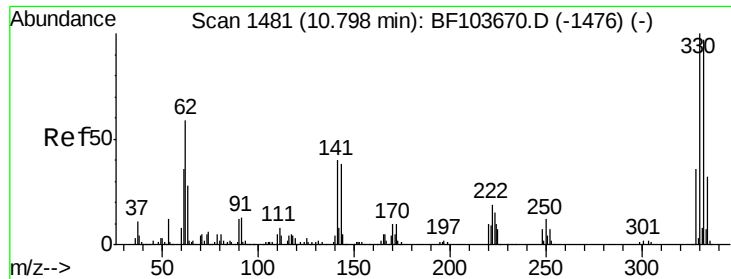
#40
 Hexachlorocyclopentadiene
 Concen: 100.788 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:	237	Resp:	444701
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.8	84.8
272	14.0	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

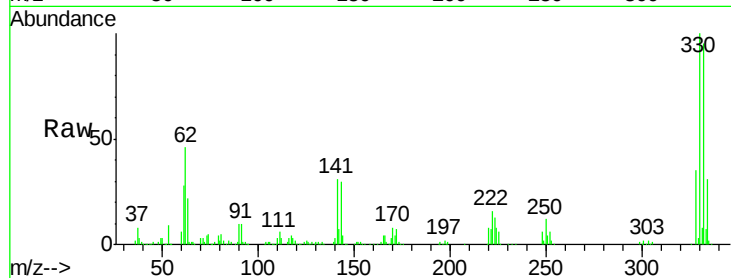




#41
 2,4,6-Tribromophenol
 Concen: 187.919 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	33.6	29.9	44.9

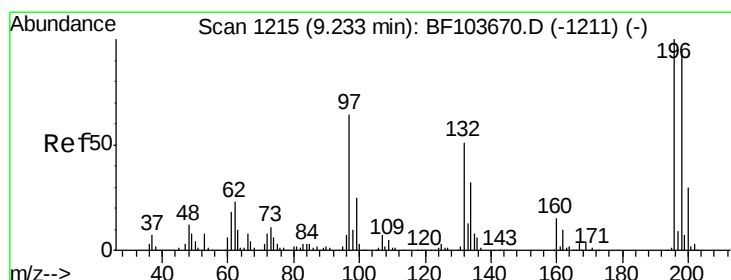
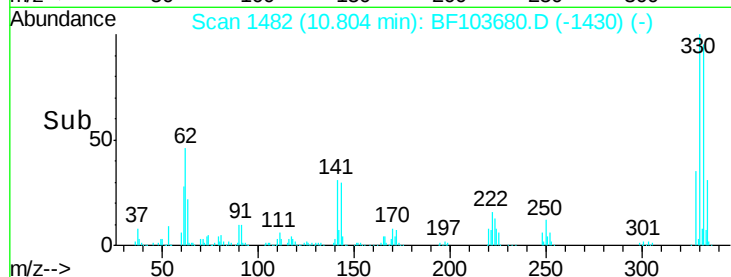
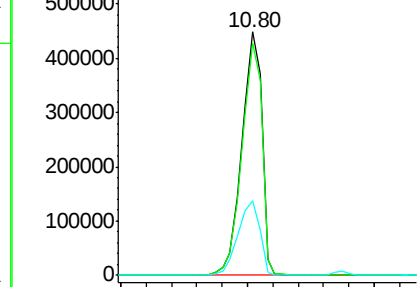


Abundance

Ion 329.80 (329.50 to 330.50): E

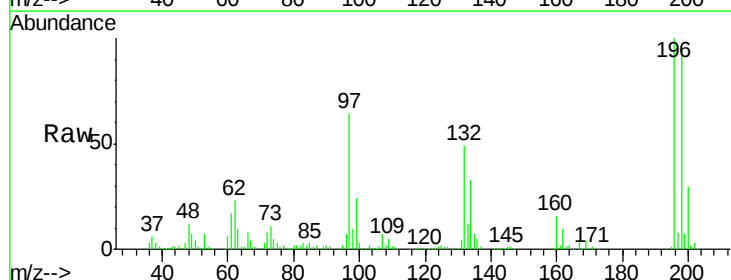
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.504 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	29.9	24.5	36.7

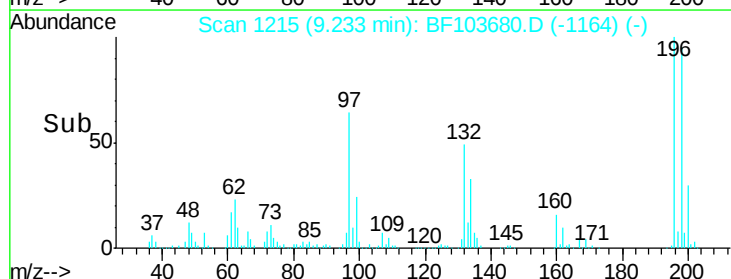
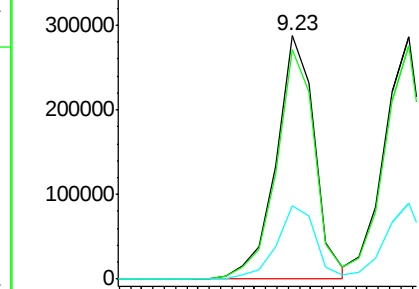


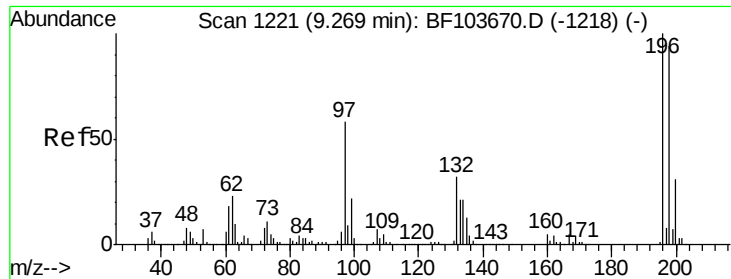
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

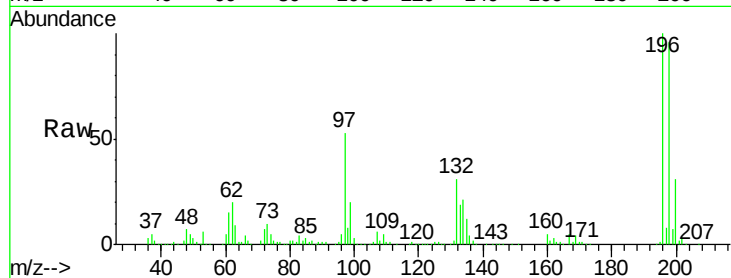




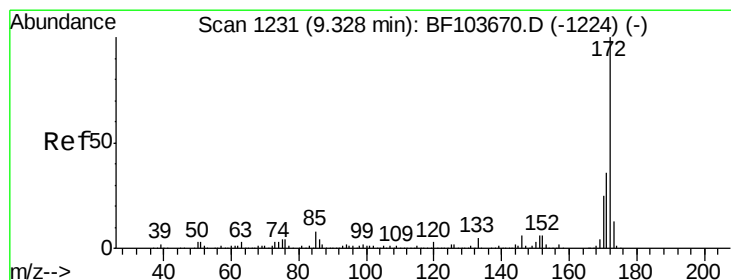
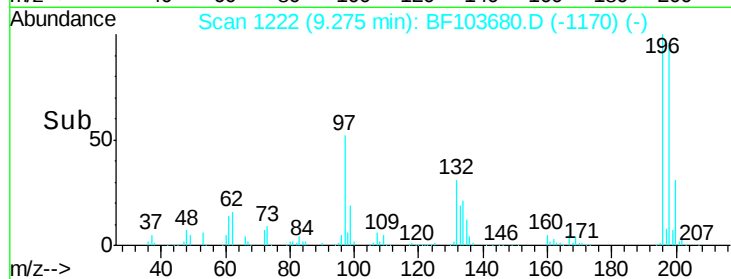
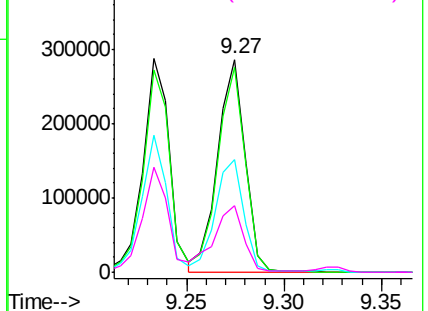
#43
 2,4,5-Trichlorophenol
 Concen: 45.495 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 280849
 Ion Ratio Lower Upper
 196 100
 198 96.3 74.6 112.0
 97 52.7 42.9 64.3
 132 31.2 26.3 39.5

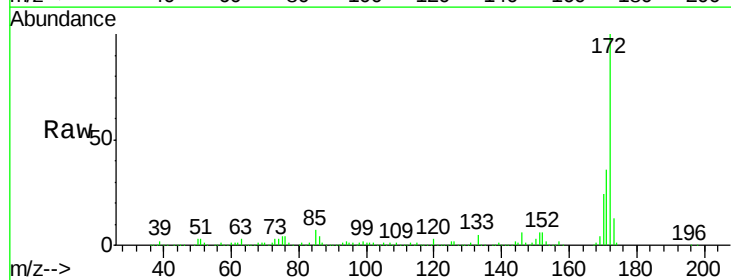


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

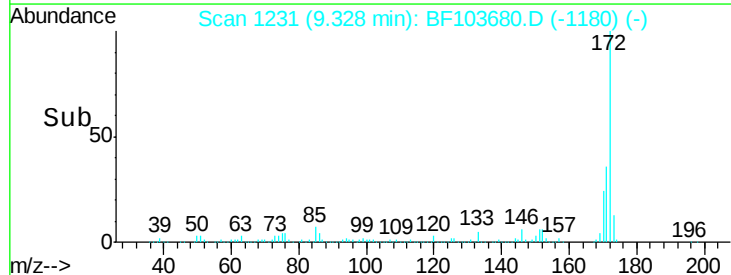
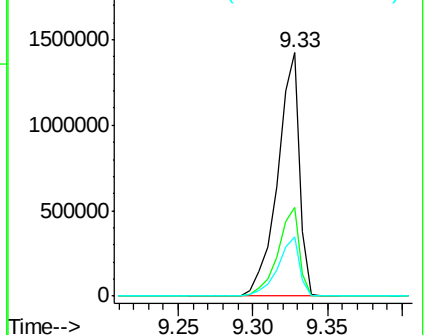


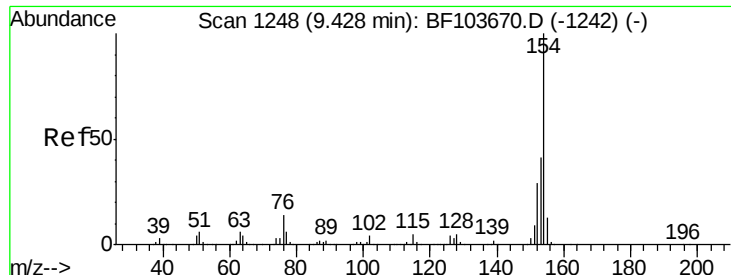
#44
 2-Fluorobiphenyl
 Concen: 77.581 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:172 Resp: 1457730
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.2 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: 42.287 ng

RT: 9.43 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

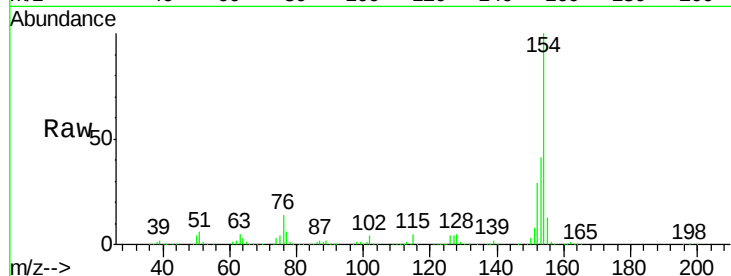
Tot Ion:154 Resp: 1056872

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

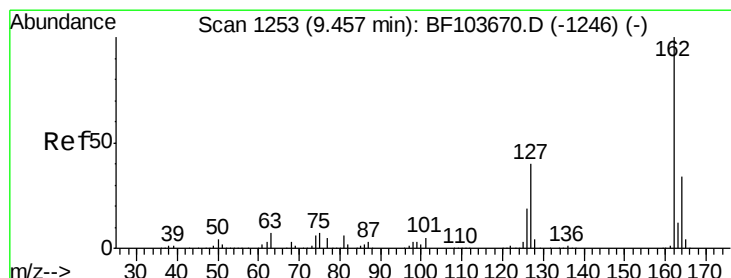
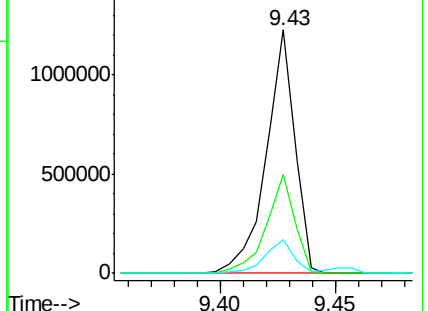
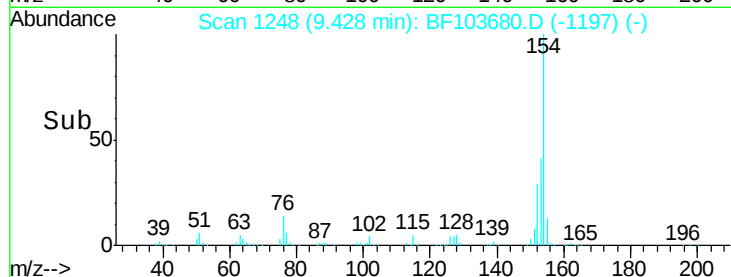
76 13.7 0.0 34.0



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: 42.684 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

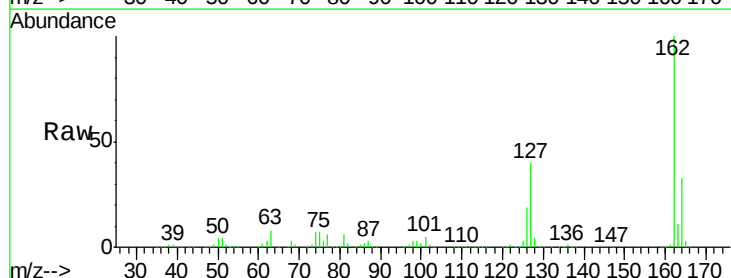
Tgt Ion:162 Resp: 847316

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

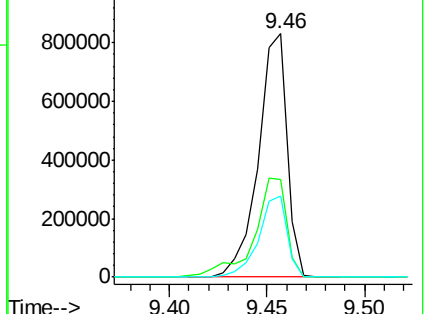
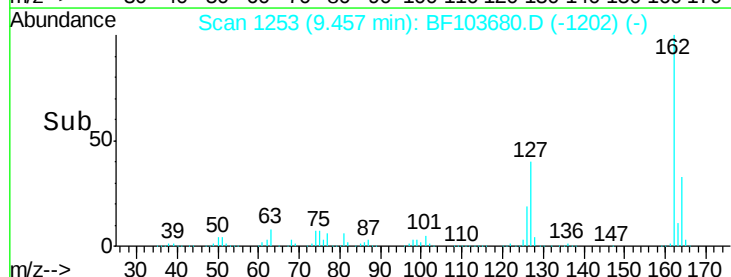
164 33.0 26.5 39.7



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

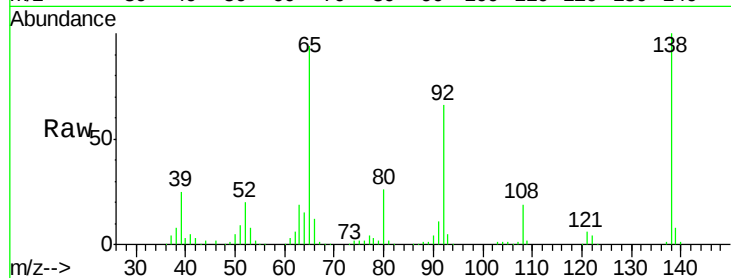




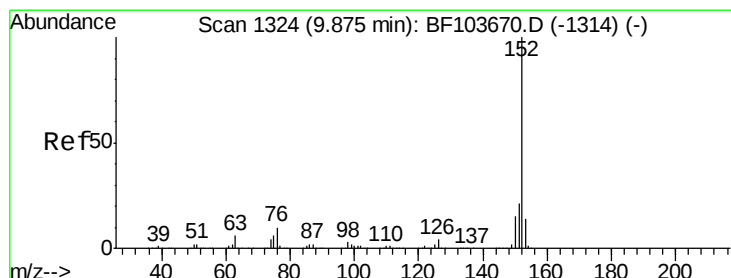
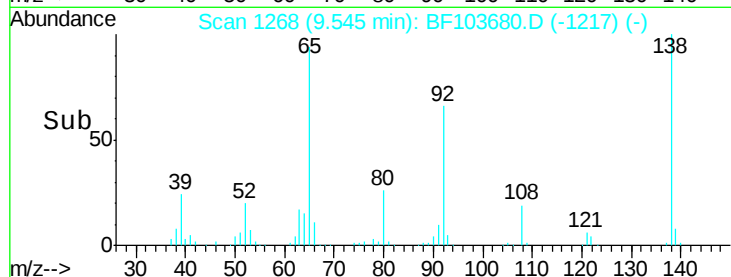
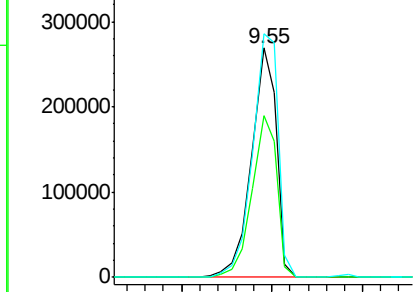
#47
 2-Nitroaniline
 Concen: 49.324 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 257274
 Ion Ratio Lower Upper
 65 100
 92 70.6 55.8 83.6
 138 106.3 91.2 136.8

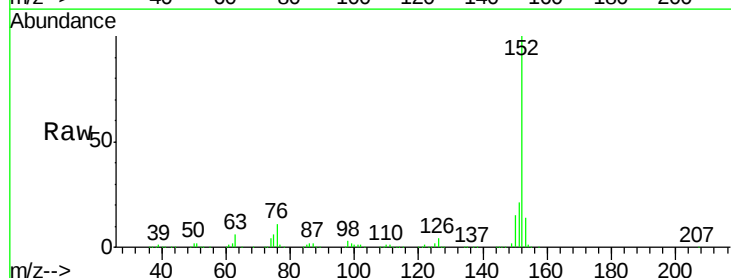


Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

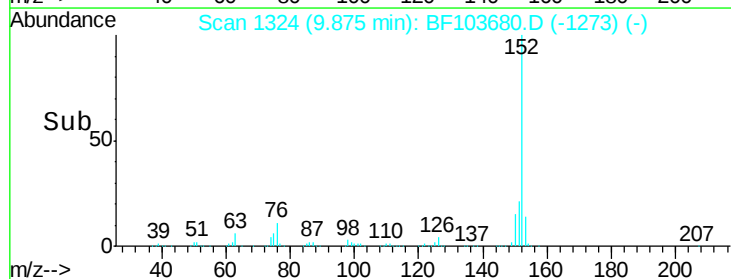
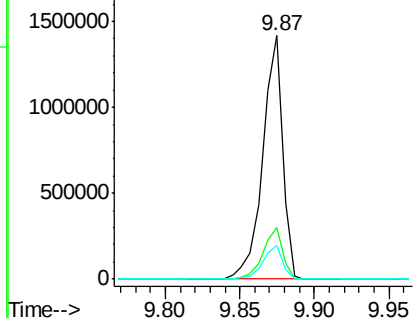


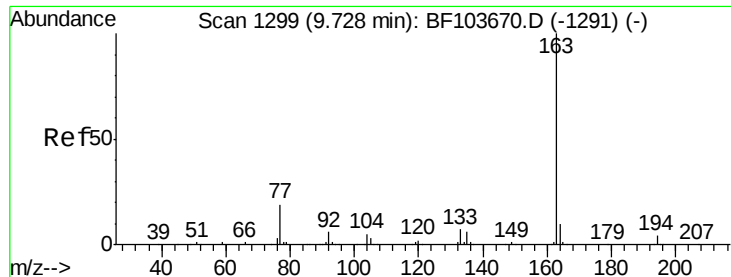
#48
 Acenaphthylene
 Concen: 41.961 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion: 152 Resp: 1291641
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.3 24.5
 153 13.7 10.7 16.1



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

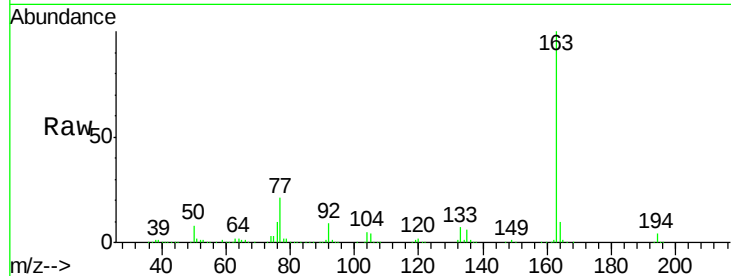




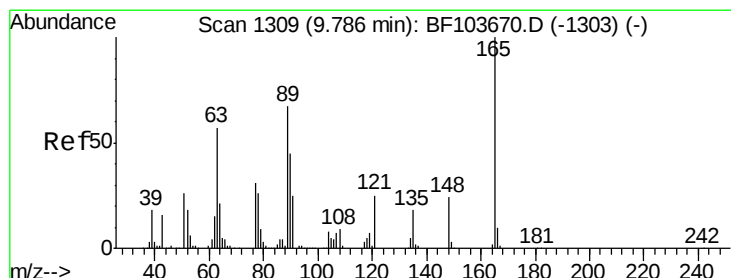
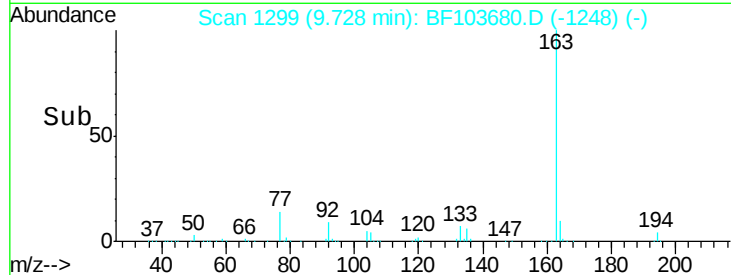
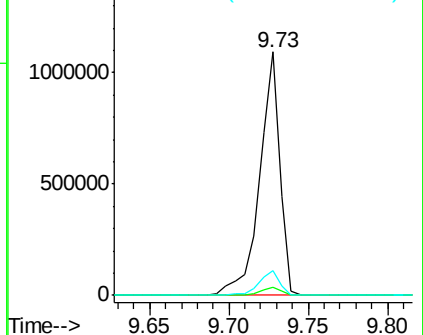
#49
Dimethylphthalate
Concen: 42.783 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 978342
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

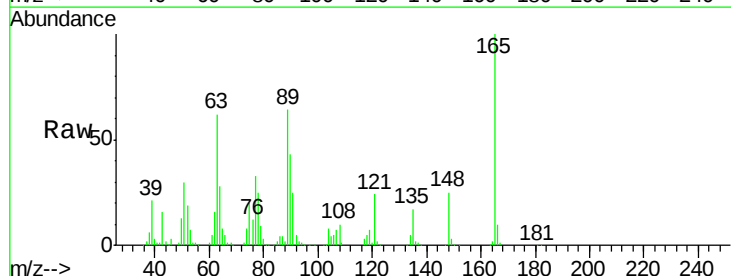


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

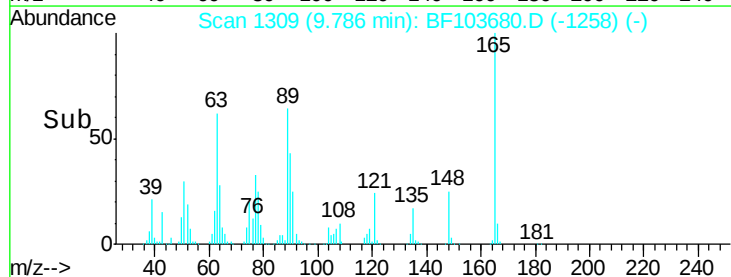
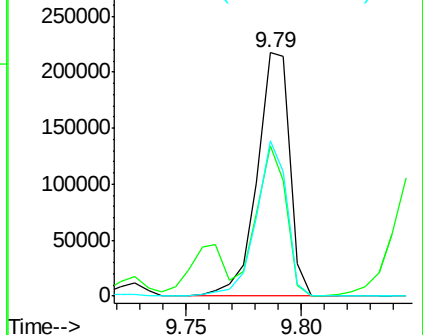


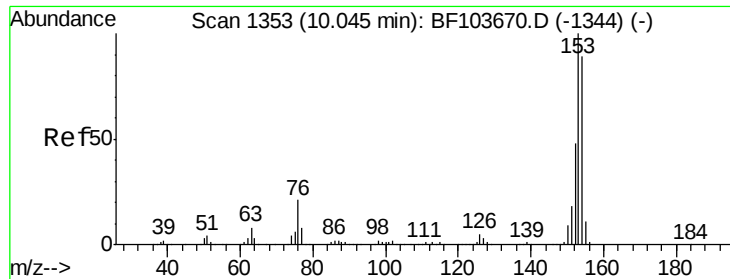
#50
2,6-Dinitrotoluene
Concen: 48.399 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:165 Resp: 214256
Ion Ratio Lower Upper
165 100
63 61.8 44.7 67.1
89 63.6 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: 47.146 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

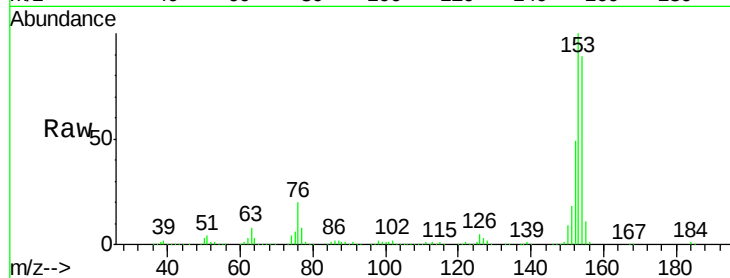
Tot Ion:154 Resp: 861707

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

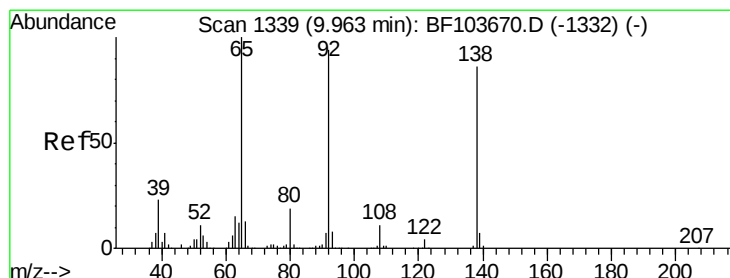
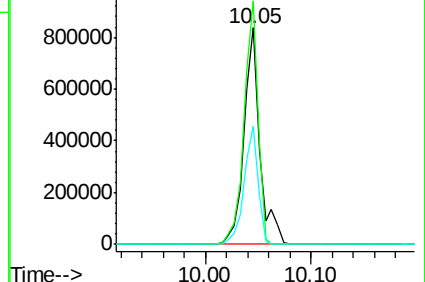
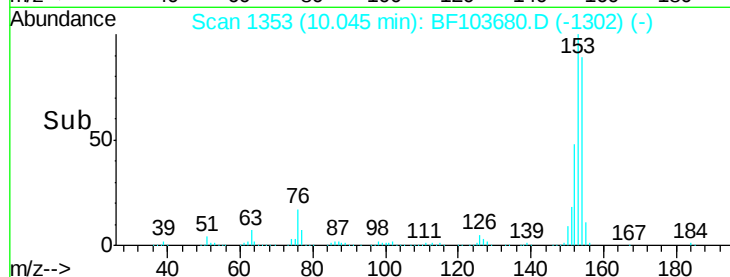
152 54.7 43.8 65.8



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: 32.824 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

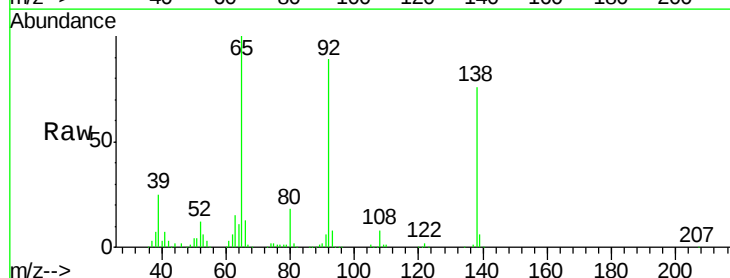
Tgt Ion:138 Resp: 167076

Ion Ratio Lower Upper

138 100

108 11.0 9.4 14.0

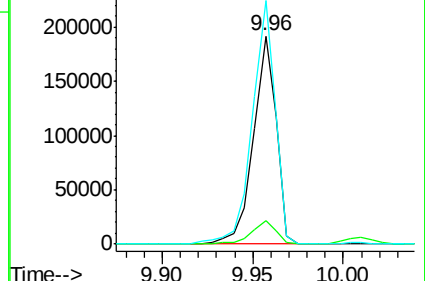
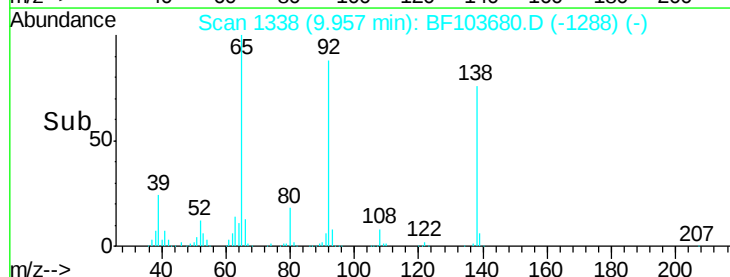
92 117.0 89.4 134.2

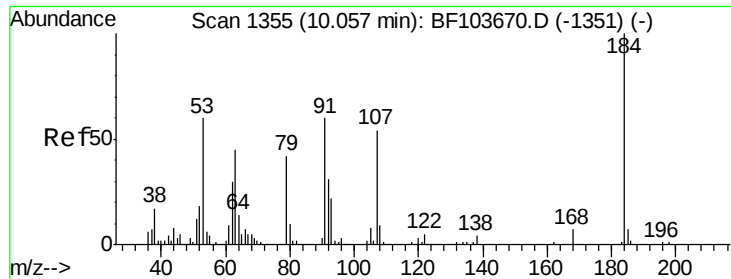


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

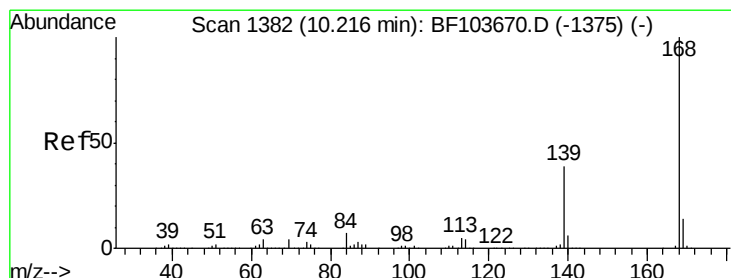
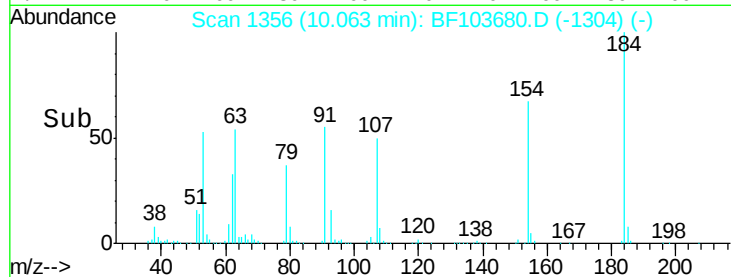
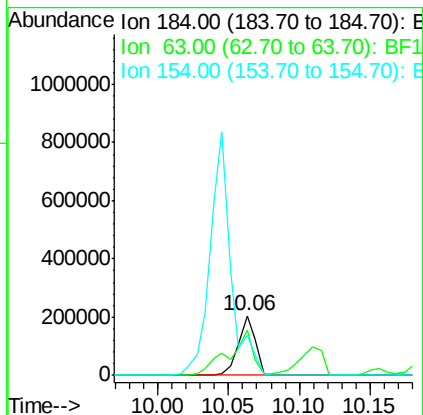
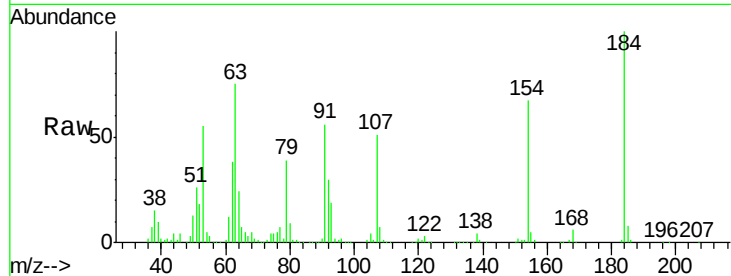




#53
2,4-Dinitrophenol
Concen: 103.226 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

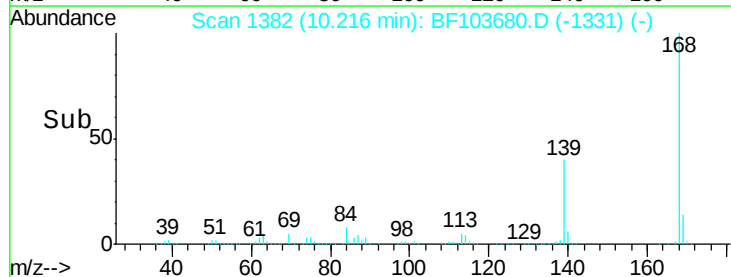
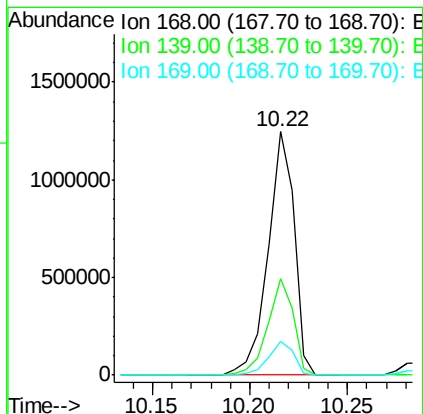
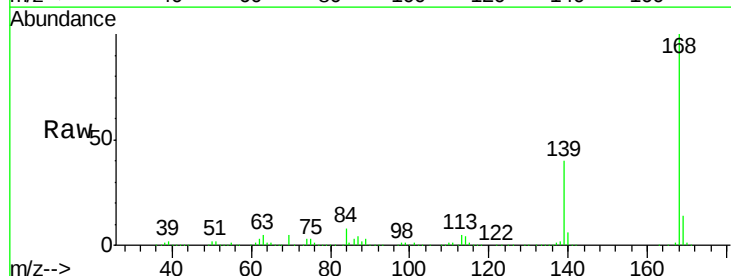
Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 172864
Ion Ratio Lower Upper
184 100
63 75.4 54.2 81.2
154 67.4 184.0 276.0#



#54
Dibenzofuran
Concen: 44.310 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:168 Resp: 1156696
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 13.8 10.9 16.3

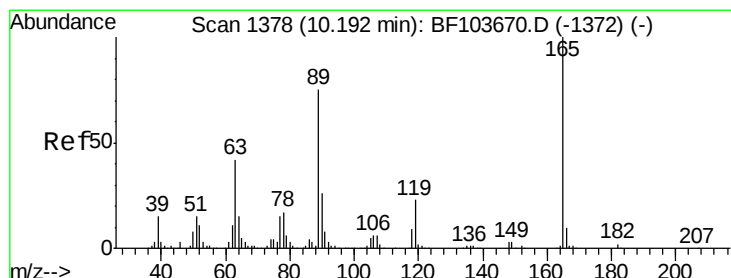
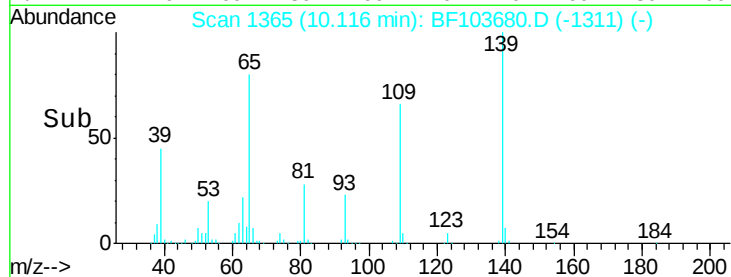
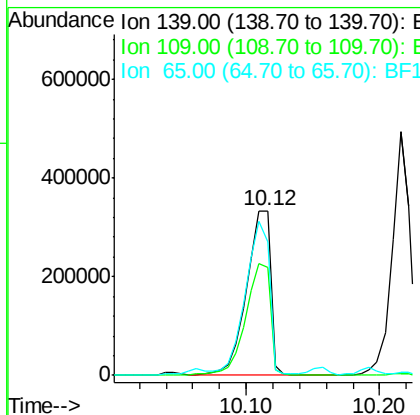
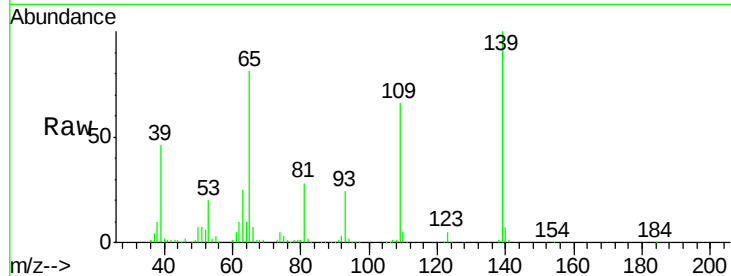




#55
4-Nitrophenol
Concen: 97.192 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

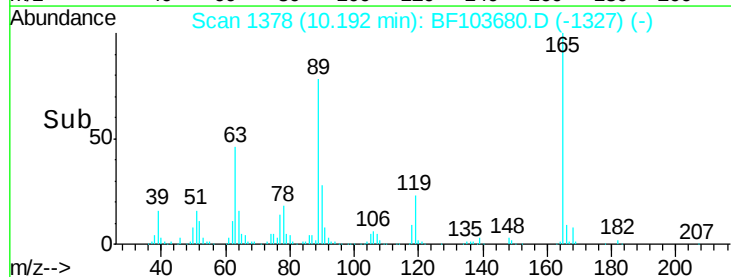
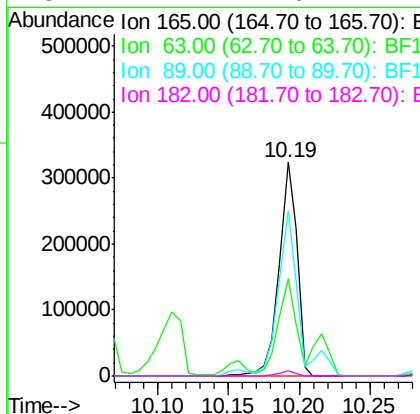
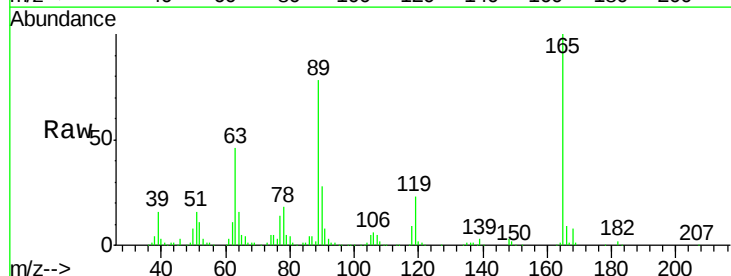
Instrument :
BNA_F
ClientSampleId :

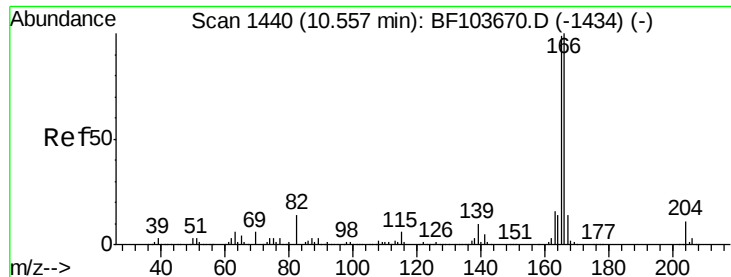
Tot Ion:139 Resp: 411675
Ion Ratio Lower Upper
139 100
109 65.8 48.4 88.4
65 80.9 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 51.094 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:165 Resp: 288924
Ion Ratio Lower Upper
165 100
63 45.6 36.4 54.6
89 77.5 57.8 86.6
182 2.2 1.6 2.4

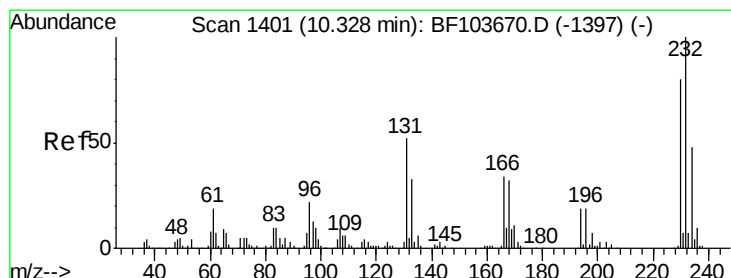
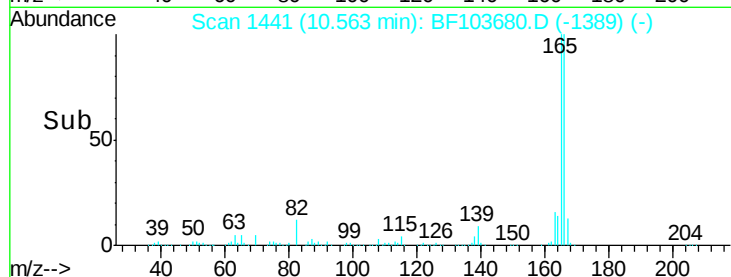
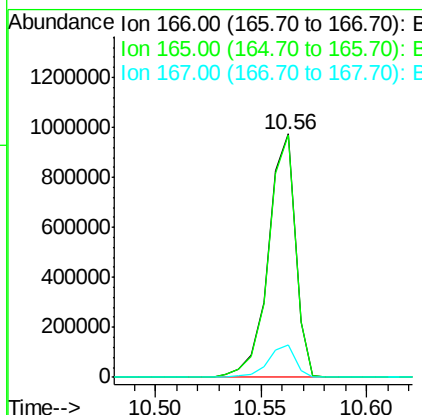
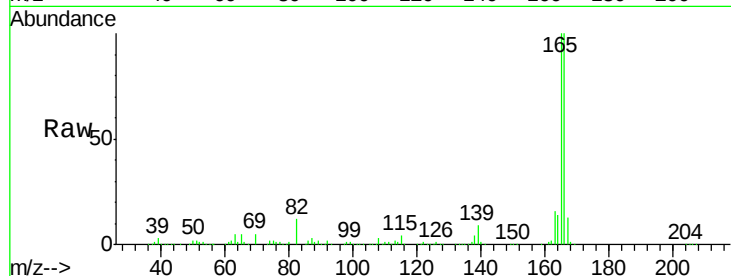




#57
 Fluorene
 Concen: 42.933 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

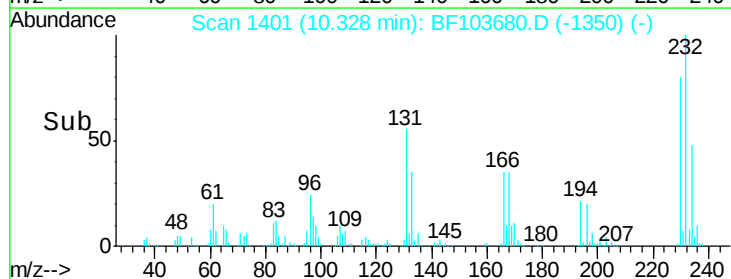
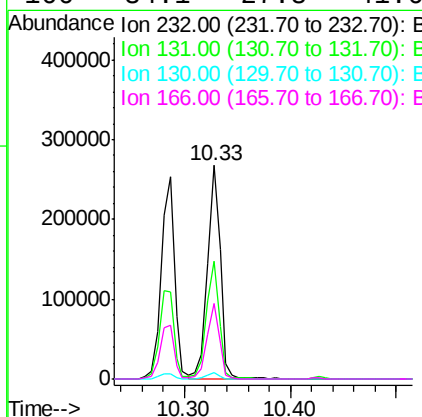
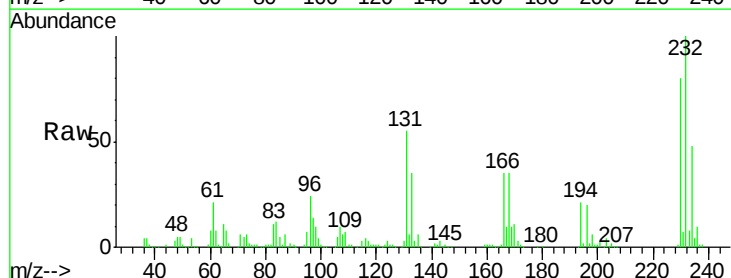
Instrument :
 BNA_F
 ClientSampleId :

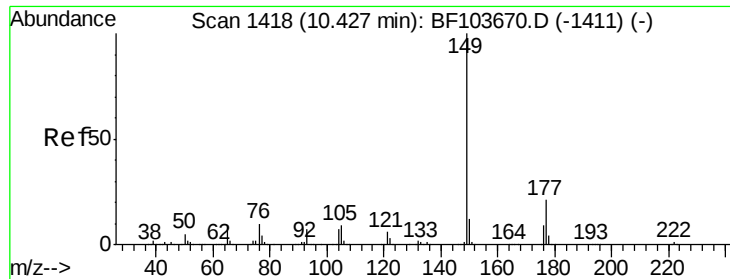
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.8	119.8
167	13.1	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.370 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.9	43.8	65.8
130	2.7	2.1	3.1
166	34.1	27.8	41.6

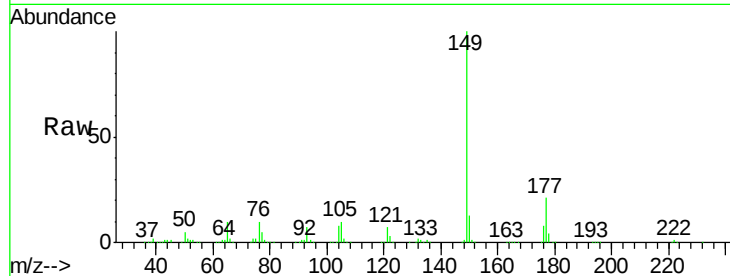




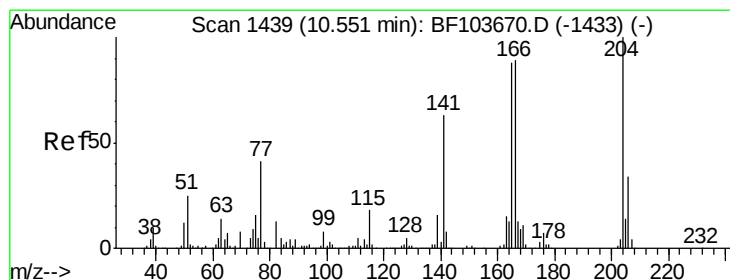
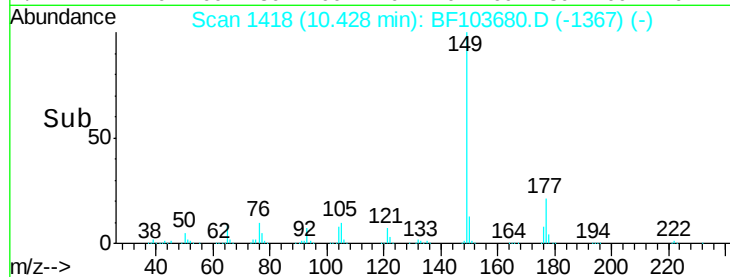
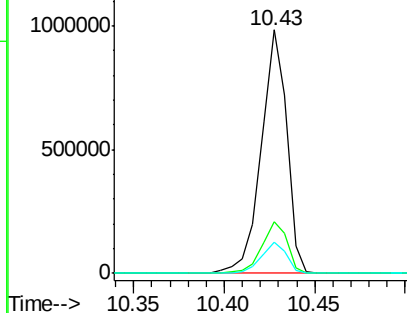
#59
Diethylphthalate
Concen: 42.518 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 965004
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.8 10.1 15.1

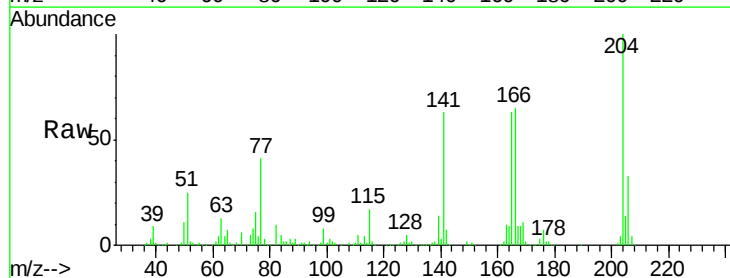


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

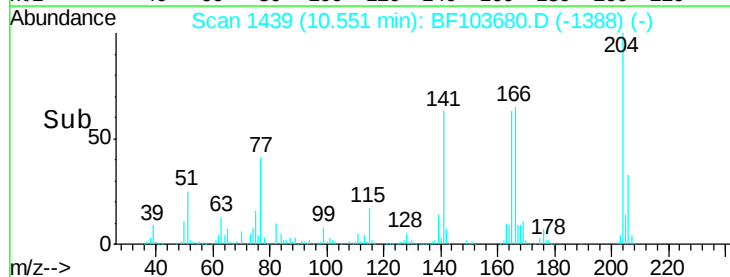
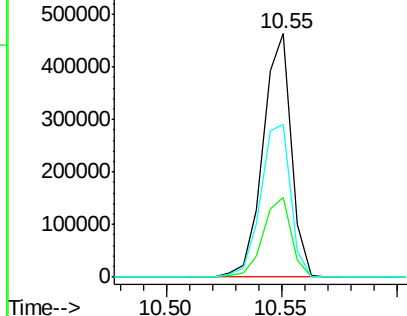


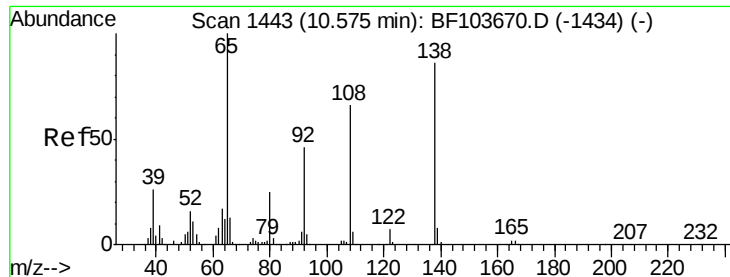
#60
4-Chlorophenyl-phenylether
Concen: 42.704 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:204 Resp: 395325
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 62.8 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

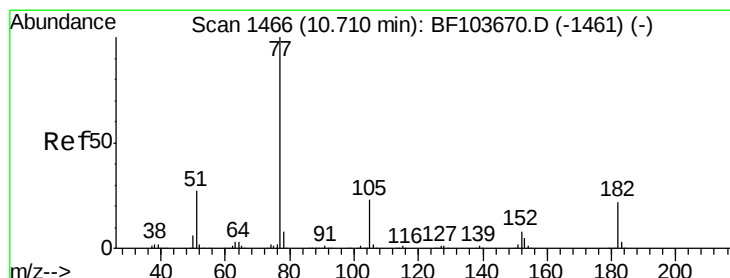
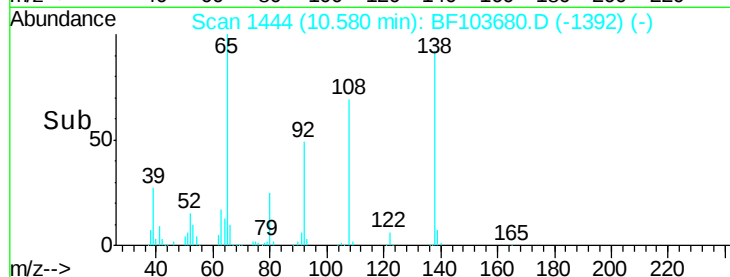
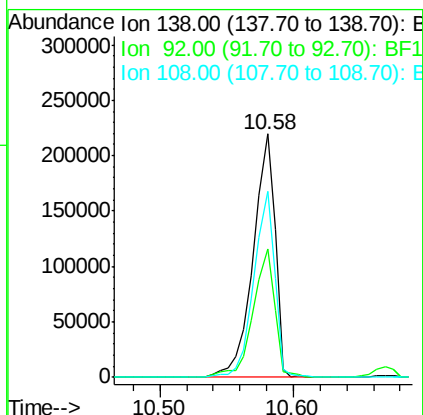
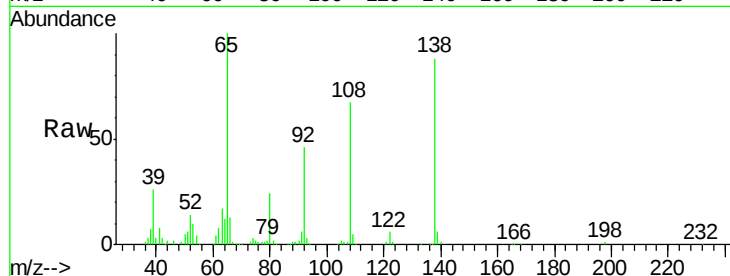




#61
4-Nitroaniline
Concen: 48.346 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

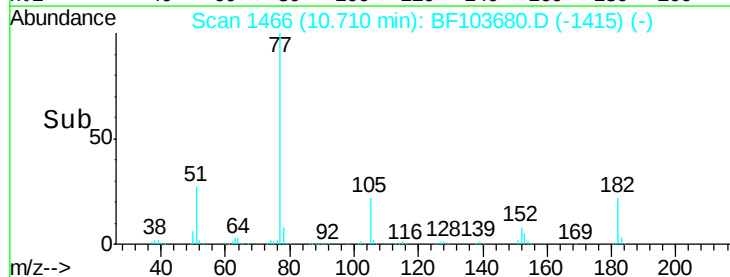
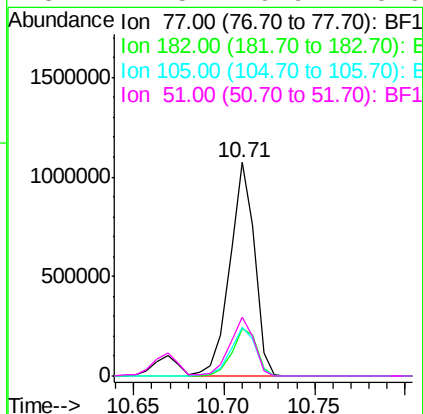
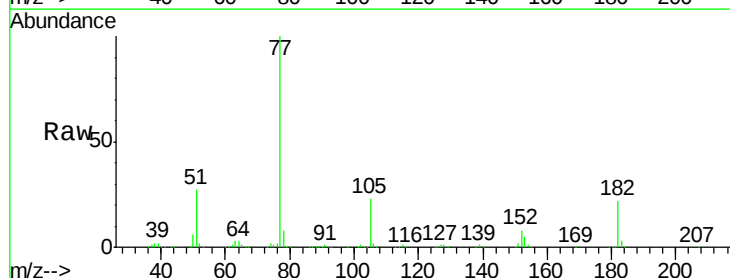
Instrument :
BNA_F
ClientSampled :

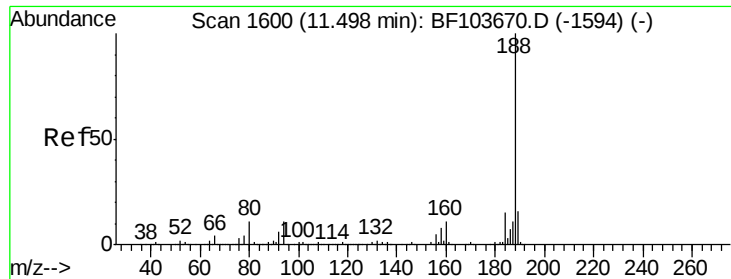
Tot Ion:138 Resp: 246833
Ion Ratio Lower Upper
138 100
92 52.8 30.2 70.2
108 76.4 52.5 92.5



#62
Azobenzene
Concen: 43.908 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion: 77 Resp: 1013176
Ion Ratio Lower Upper
77 100
182 22.1 1.7 41.7
105 22.8 3.0 43.0
51 27.5 9.9 49.9

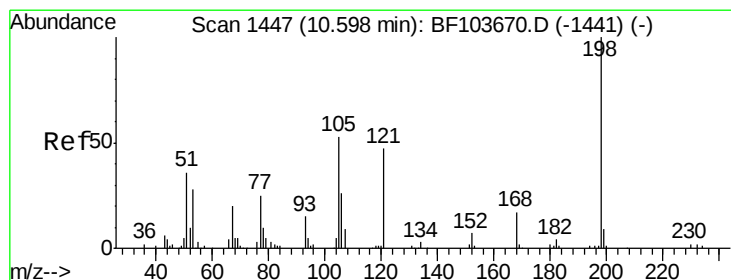
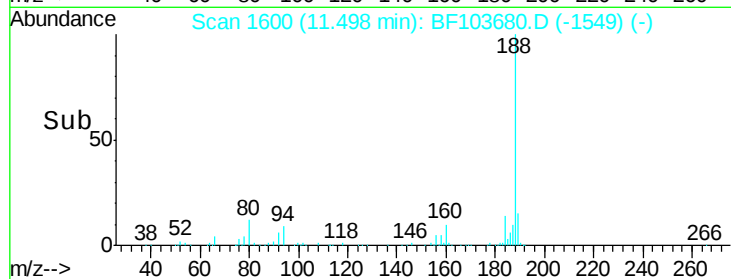
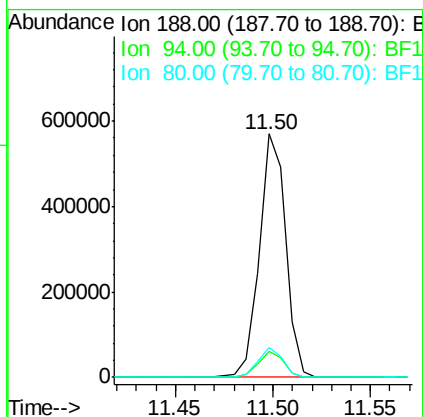
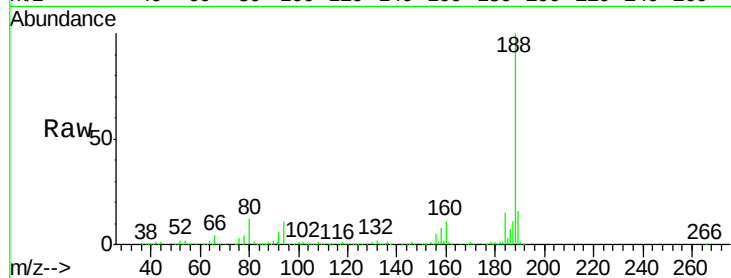




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

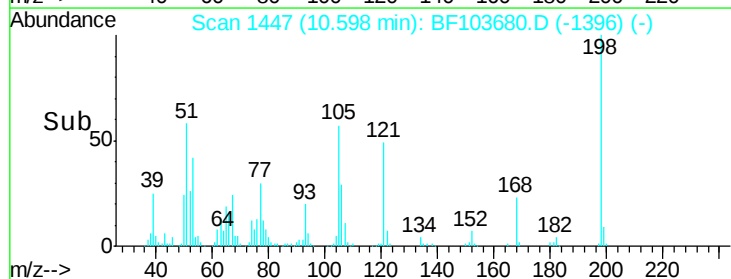
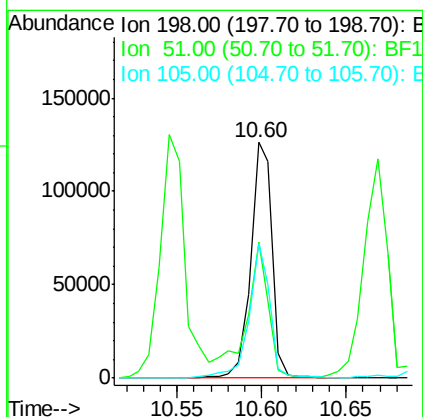
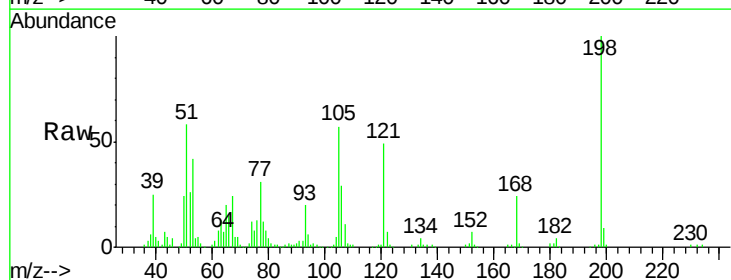
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 530533
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 12.2 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 53.921 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:198 Resp: 111528
Ion Ratio Lower Upper
198 100
51 57.8 37.7 77.7
105 57.3 36.3 76.3

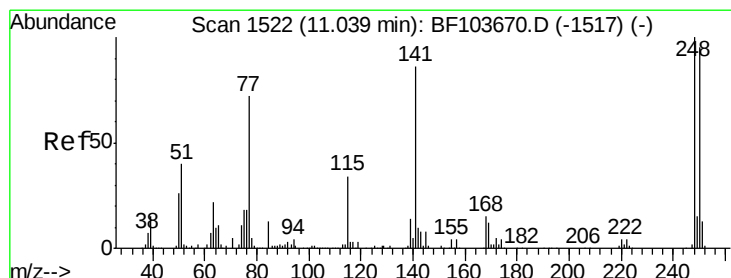
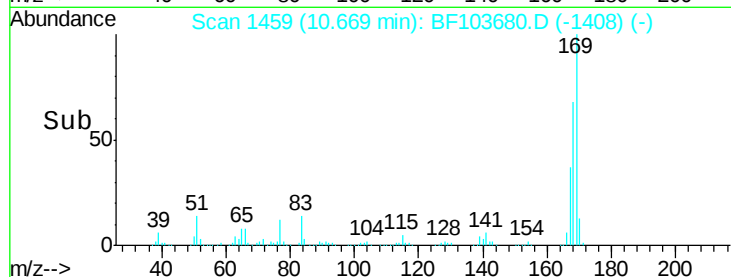
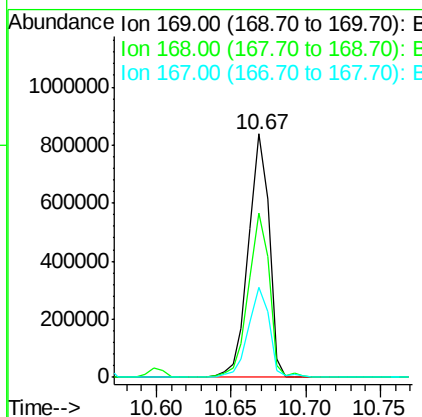
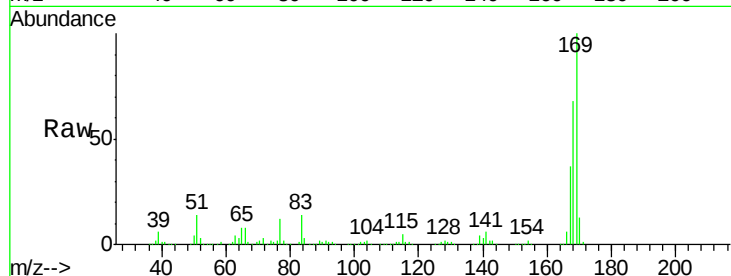




#65
 n-Nitrosodiphenylamine
 Concen: 44.492 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

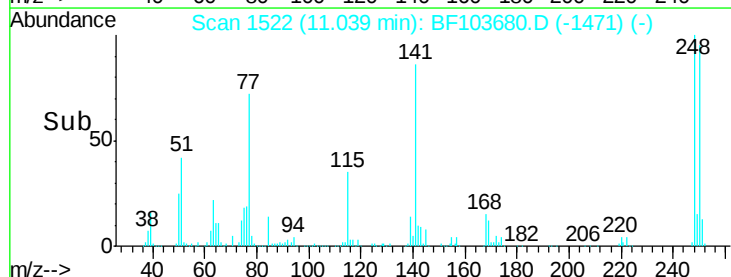
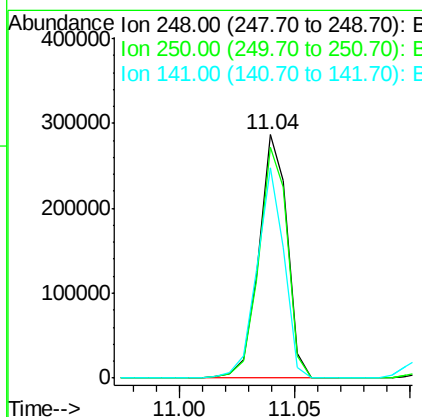
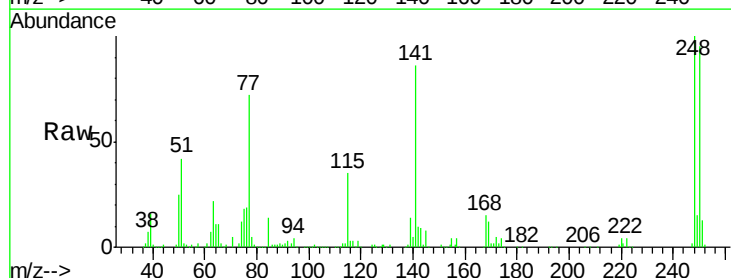
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 803463
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 45.005 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:248 Resp: 245152
 Ion Ratio Lower Upper
 248 100
 250 94.7 76.9 115.3
 141 86.3 74.4 111.6

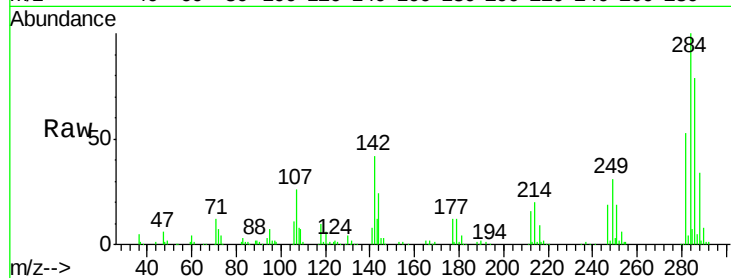




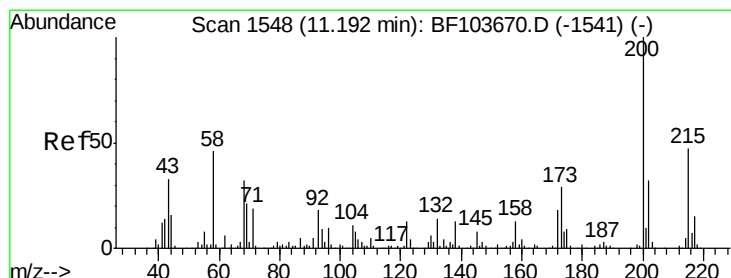
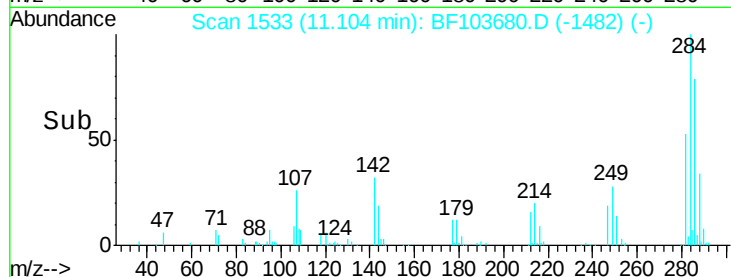
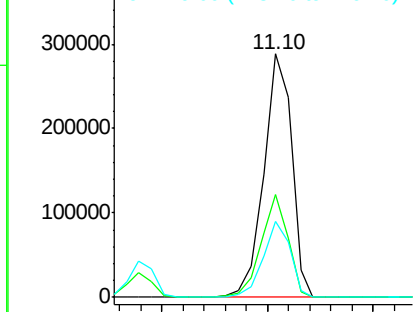
#67
Hexachlorobenzene
Concen: 42.818 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 266201
Ion Ratio Lower Upper
284 100
142 42.3 34.6 52.0
249 31.1 24.8 37.2

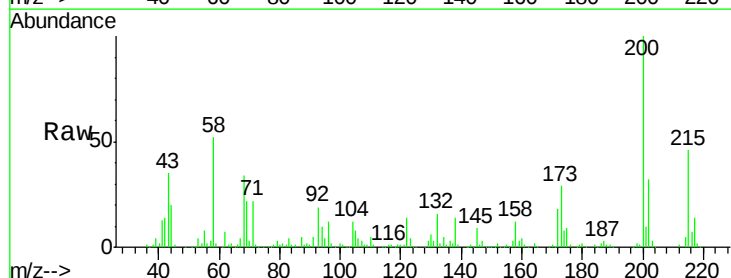


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

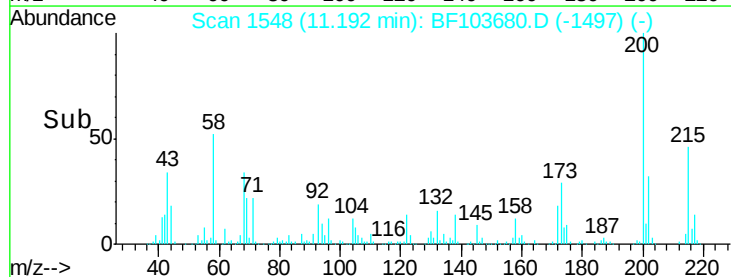
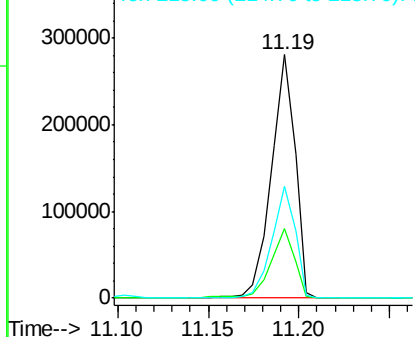


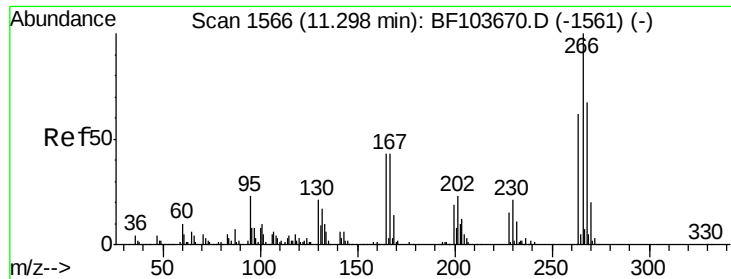
#68
Atrazine
Concen: 45.843 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:200 Resp: 256087
Ion Ratio Lower Upper
200 100
173 28.6 8.6 48.6
215 46.1 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

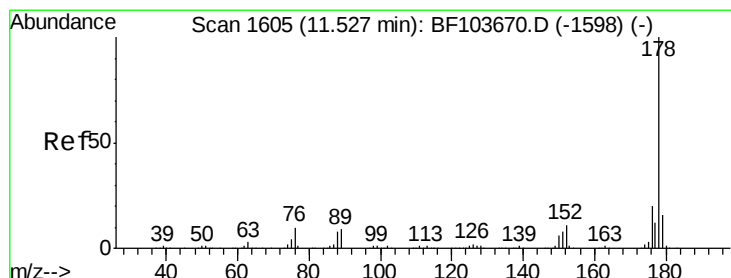
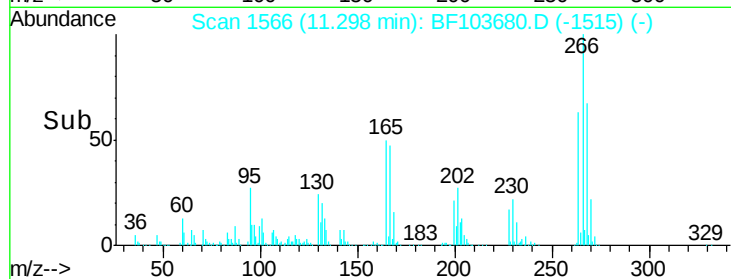
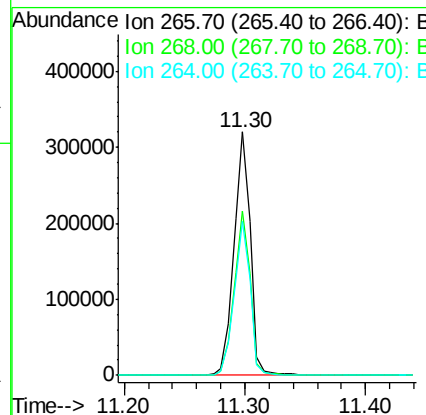
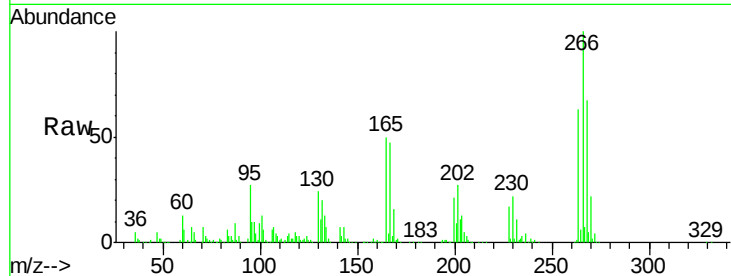




#69
 Pentachlorophenol
 Concen: 84.065 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

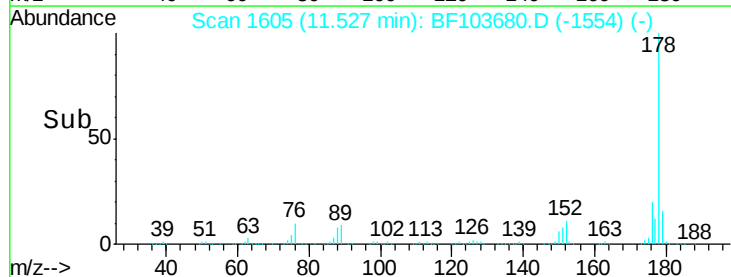
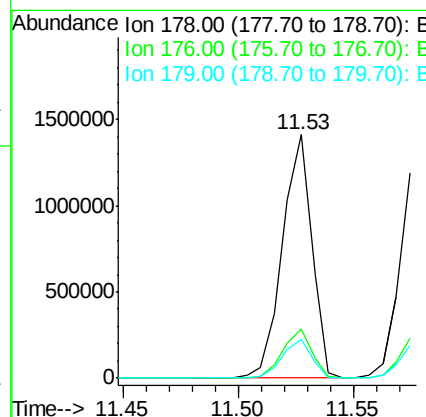
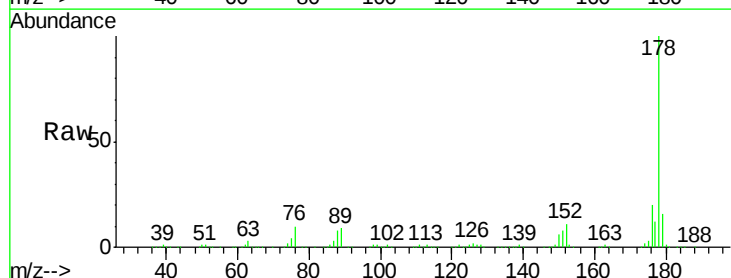
Instrument :
 BNA_F
 ClientSampleId :

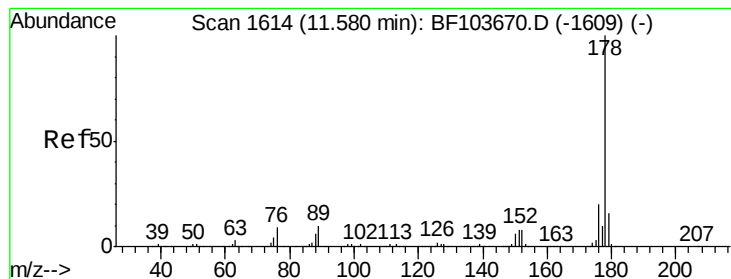
Tot Ion:266 Resp: 300472
 Ion Ratio Lower Upper
 266 100
 268 67.4 51.1 76.7
 264 63.4 49.5 74.3



#70
 Phenanthrene
 Concen: 42.959 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:178 Resp: 1246722
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.8 13.0 19.6





#71

Anthracene

Concen: 44.323 ng

RT: 11.58 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

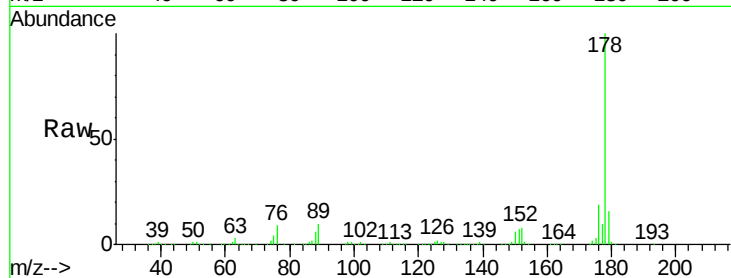
Tot Ion:178 Resp: 1306472

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

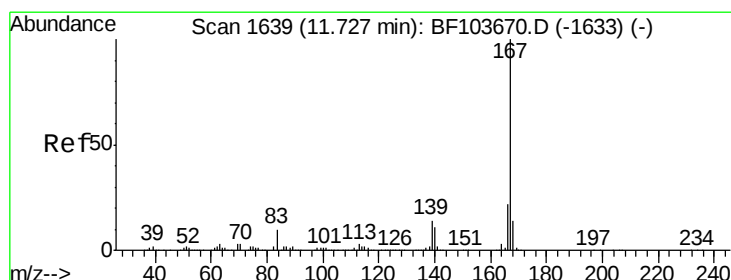
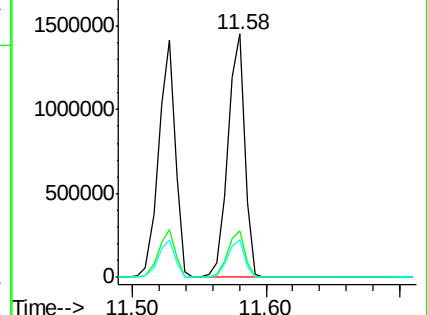
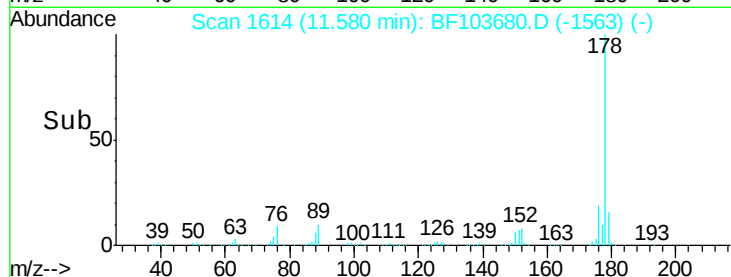
179 15.6 12.6 19.0



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



#72

Carbazole

Concen: 43.283 ng

RT: 11.73 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

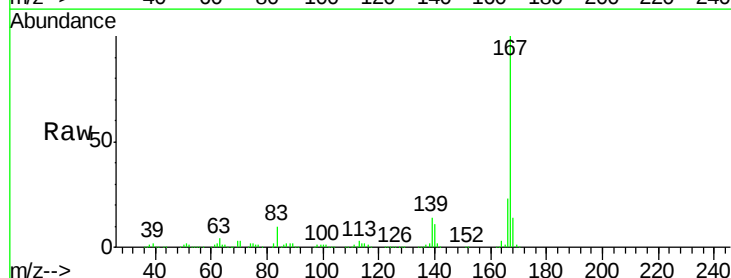
Tgt Ion:167 Resp: 1240020

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

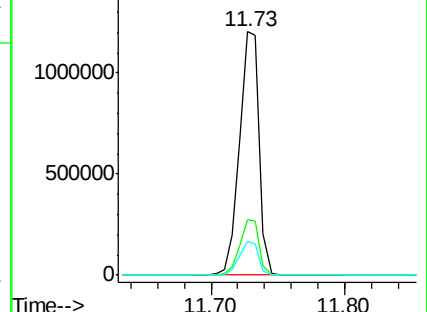
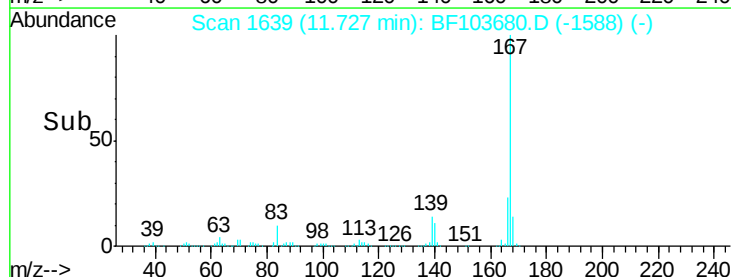
139 14.0 10.9 16.3

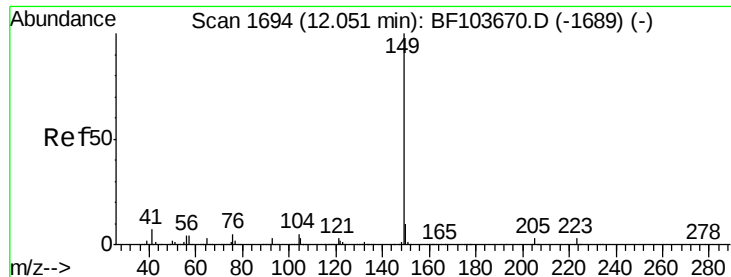


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.127 ng

RT: 12.05 min Scan# 1694

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

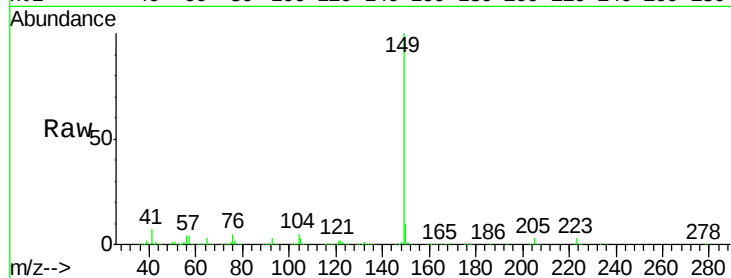
Tot Ion:149 Resp: 1482509

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

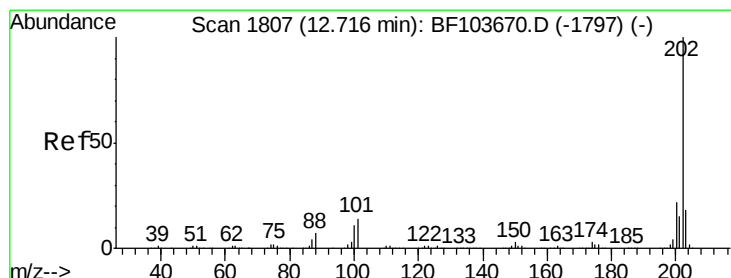
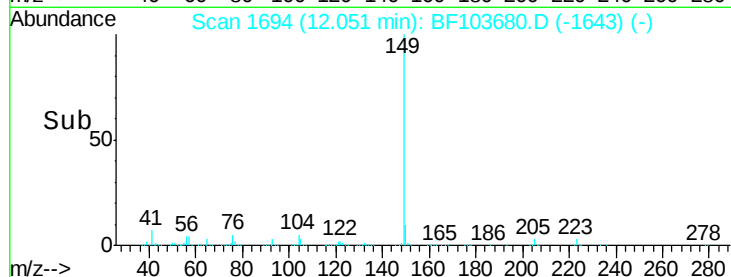
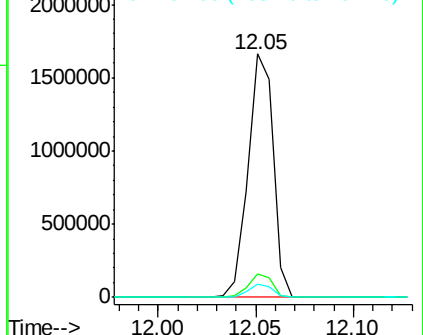
104 5.2 3.8 5.8



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: 43.990 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

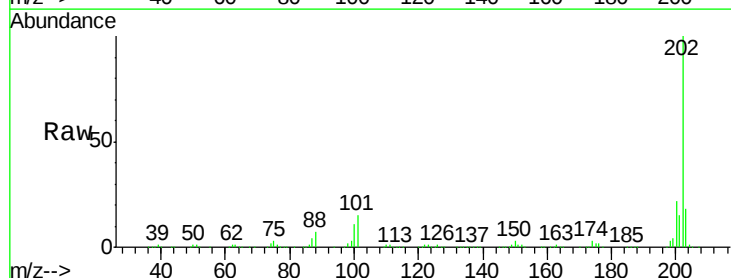
Tgt Ion:202 Resp: 1315227

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.1

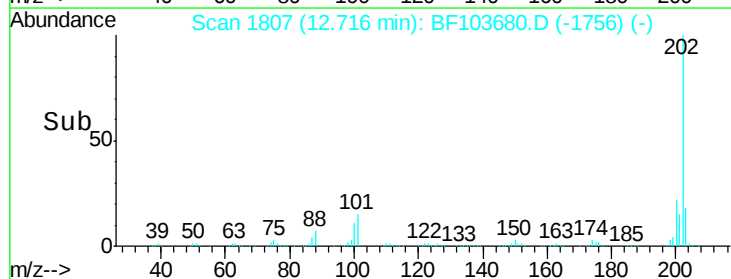
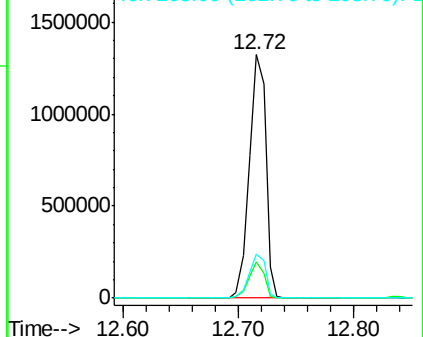
203 17.9 0.0 38.1

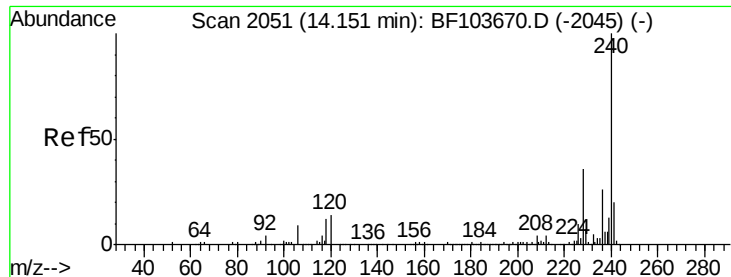


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

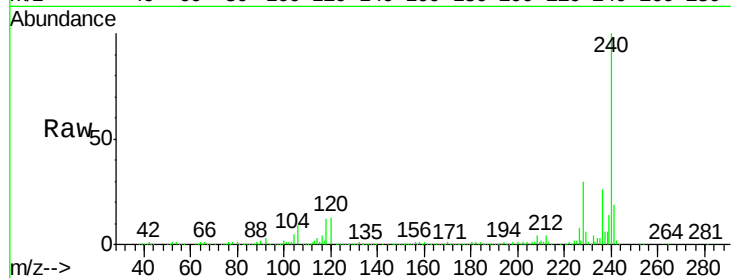
Tot Ion:240 Resp: 425710

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

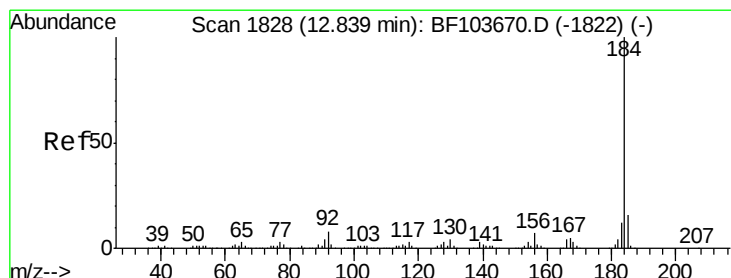
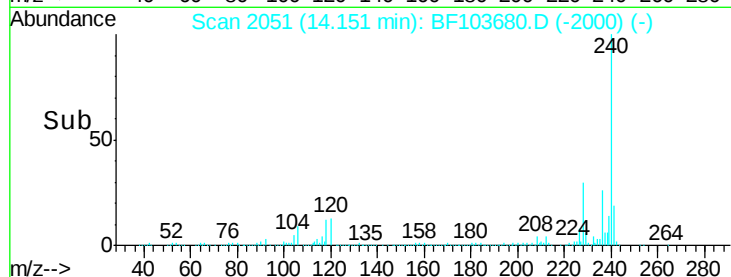
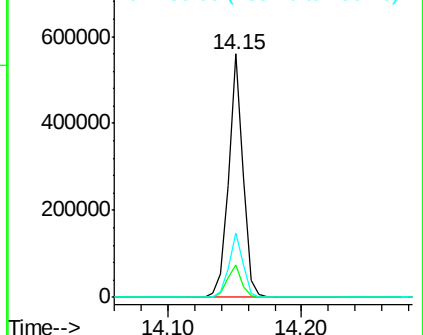
236 26.3 20.7 31.1



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: 42.757 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

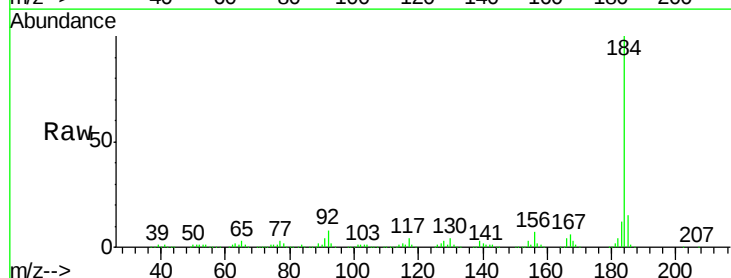
Tgt Ion:184 Resp: 776336

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

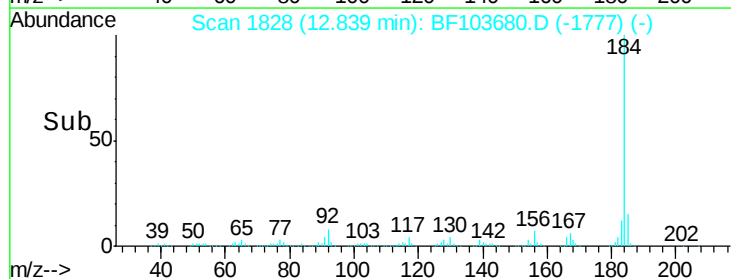
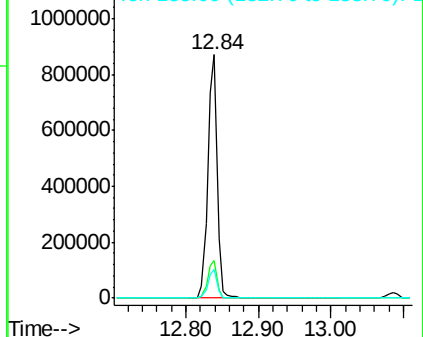
183 11.9 9.3 13.9

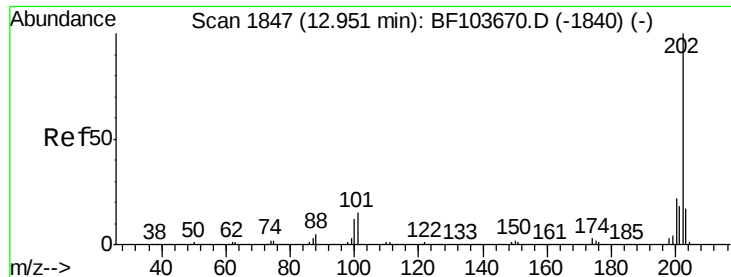


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

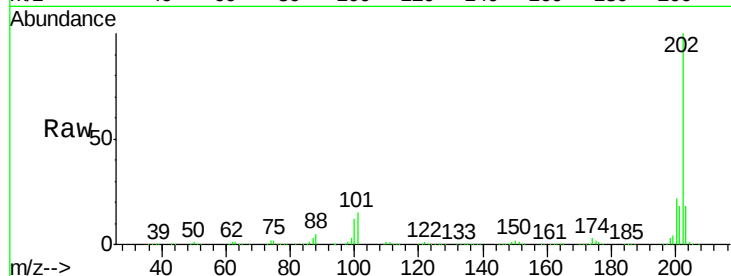




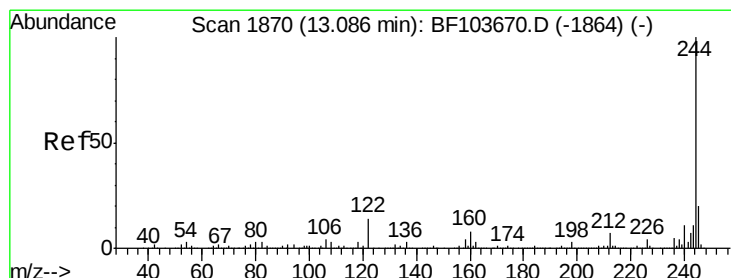
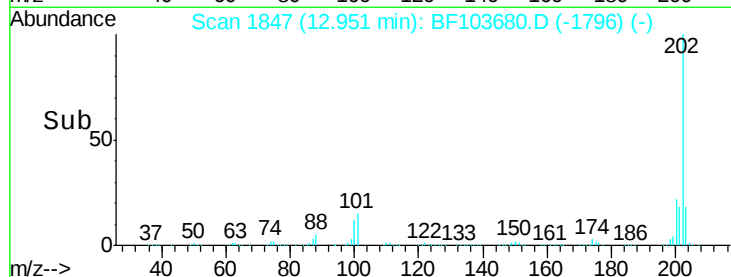
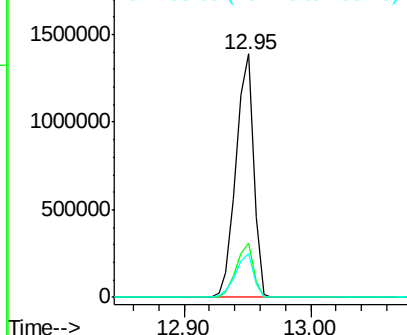
#77
Pvrene
Concen: 42.461 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1327503
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.8 14.3 21.5

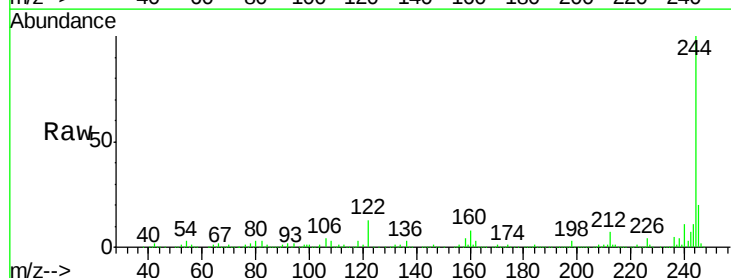


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

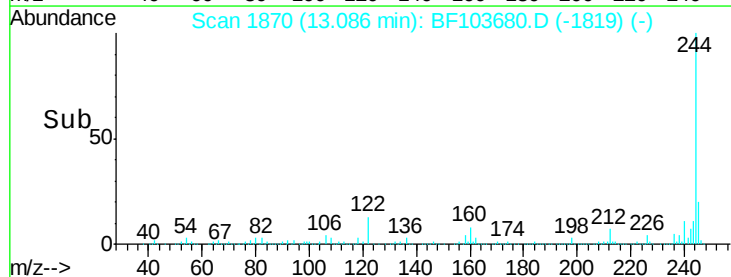
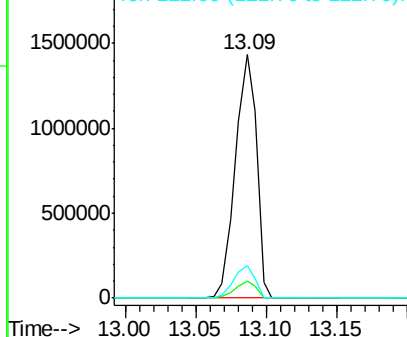


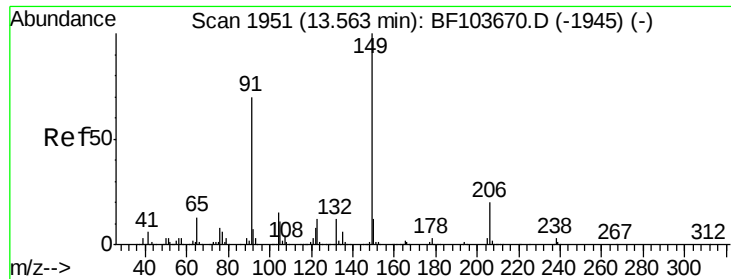
#78
Terphenyl-d14
Concen: 81.671 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:244 Resp: 1497889
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.1 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

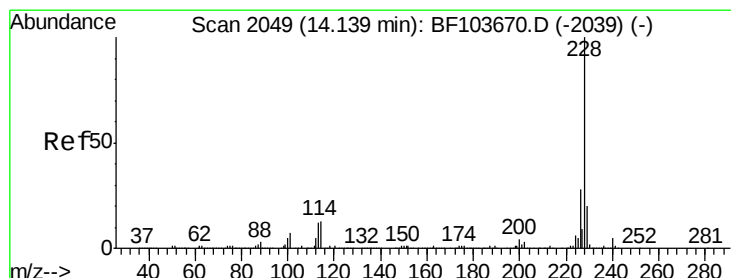
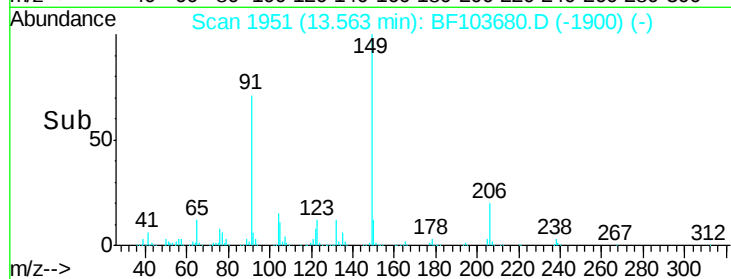
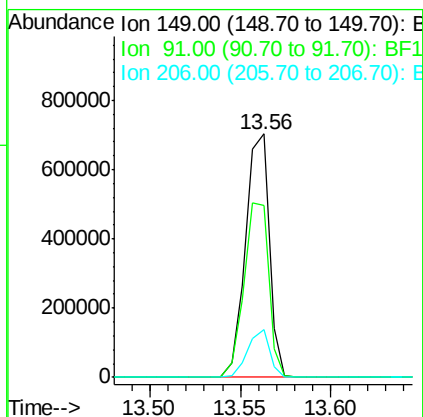
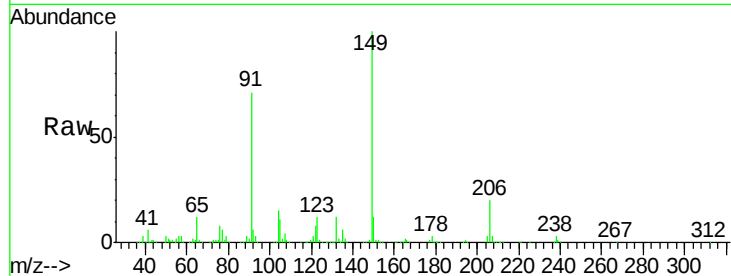




#79
Butylbenzylphthalate
Concen: 46.521 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

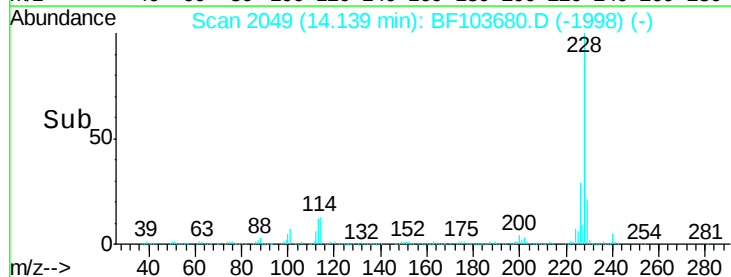
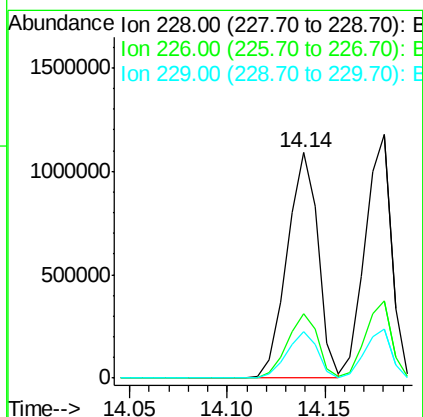
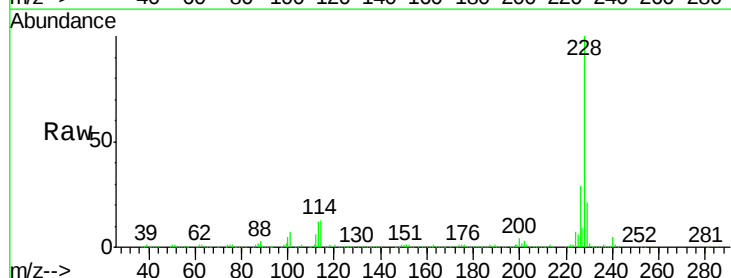
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 644383
Ion Ratio Lower Upper
149 100
91 70.8 56.8 85.2
206 19.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.243 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:228 Resp: 1192229
Ion Ratio Lower Upper
228 100
226 28.6 22.6 33.8
229 20.5 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 23.585 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

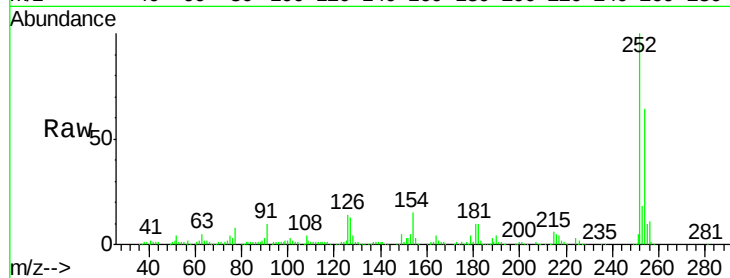
Instrument :

BNA_F

ClientSampleId :

Tot Ion:252 Resp: 212585

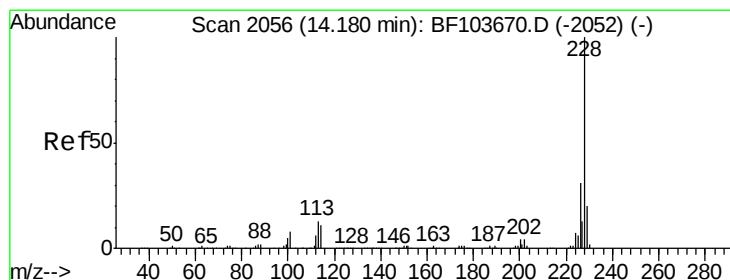
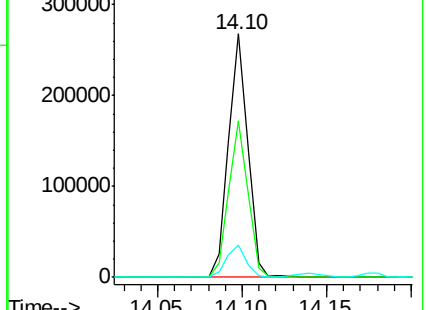
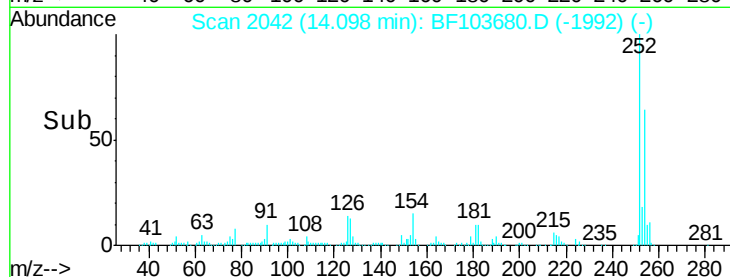
Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	13.6	11.3	16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 43.462 ng

RT: 14.18 min Scan# 2056

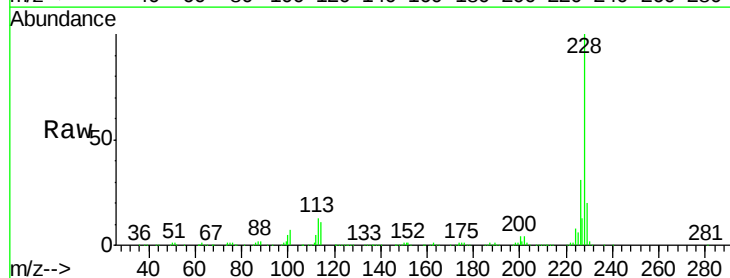
Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Tgt Ion:228 Resp: 1116446

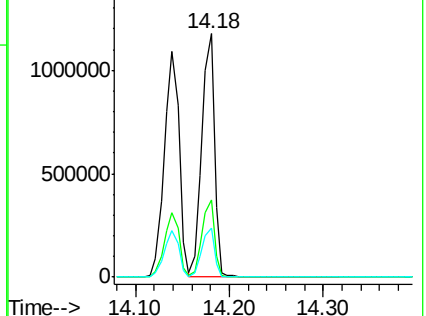
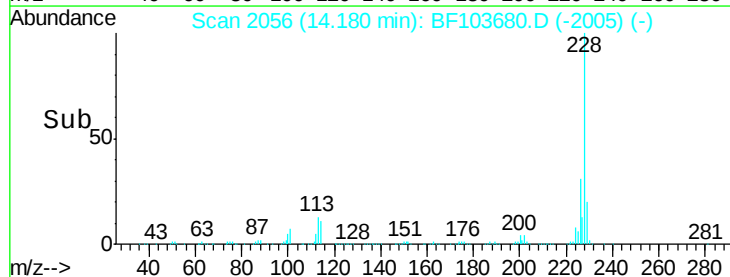
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.3	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

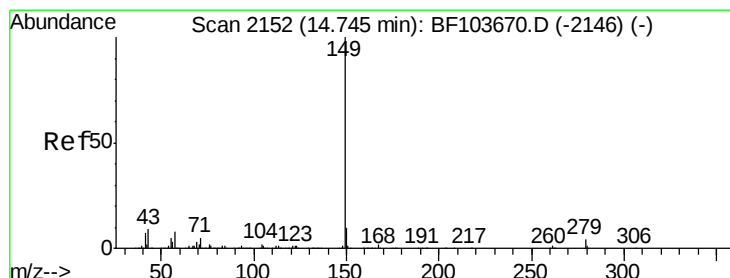
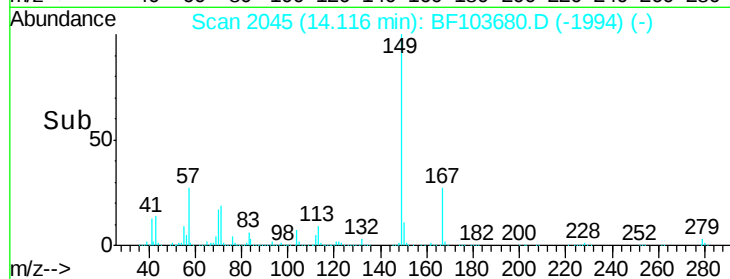
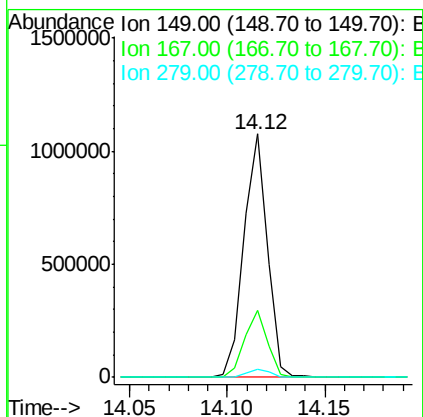
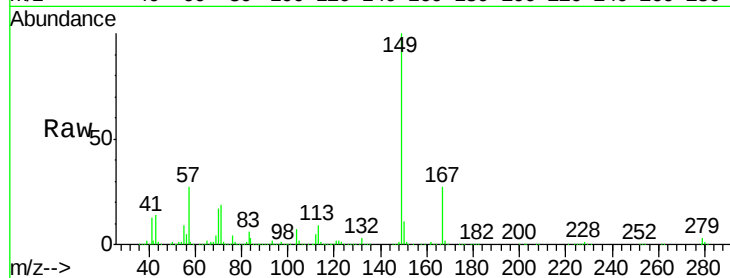




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.399 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

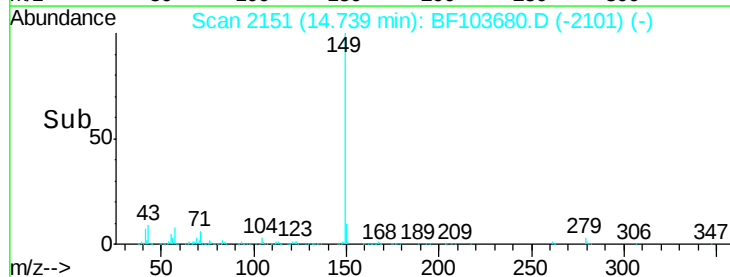
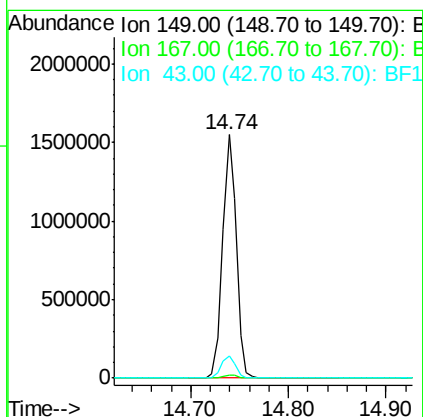
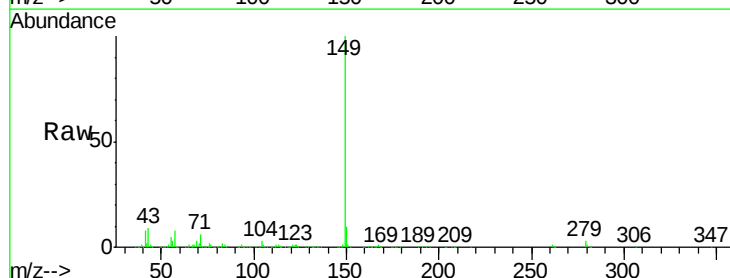
Instrument :
 BNA_F
 ClientSampleId :

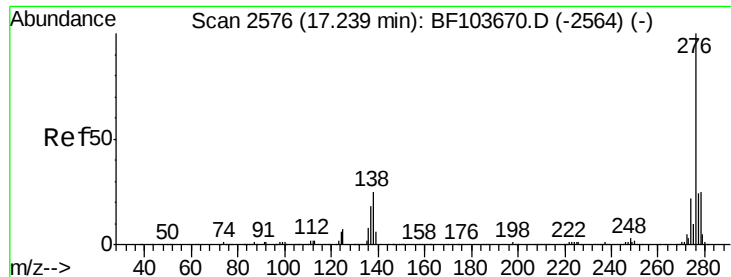
Tot Ion:149 Resp: 898353
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 3.4 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 52.353 ng
 RT: 14.74 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:149 Resp: 1507142
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.4 8.4 12.6



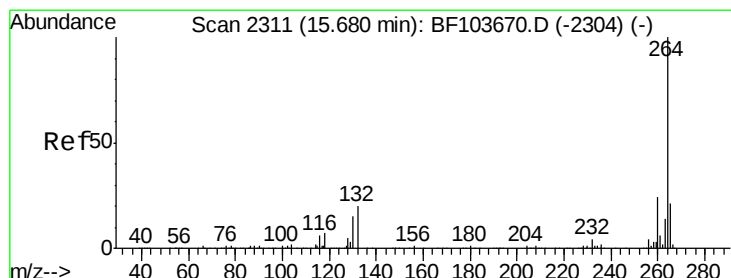
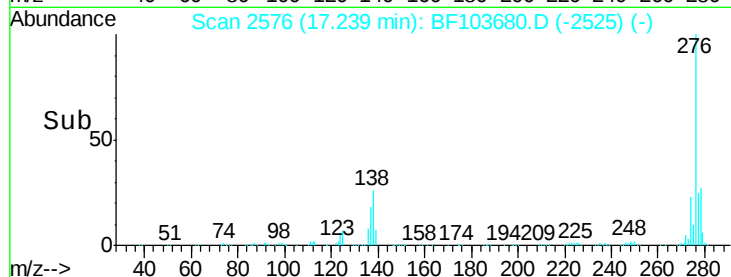
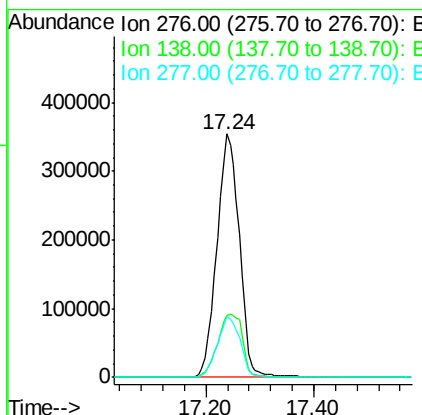
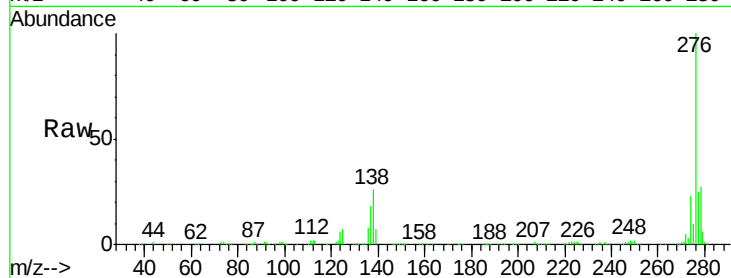


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.291 ng
 RT: 17.24 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1038440

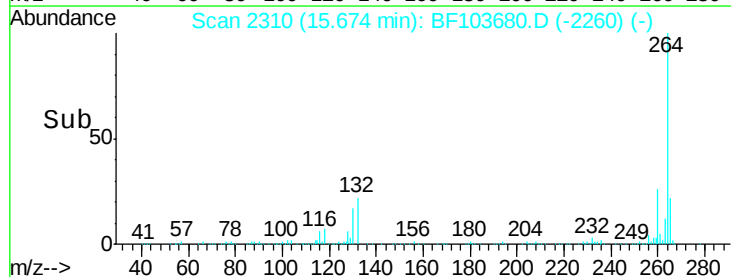
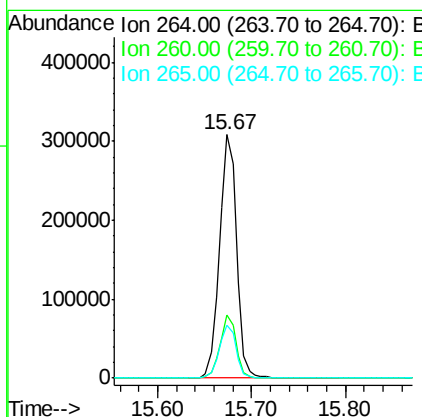
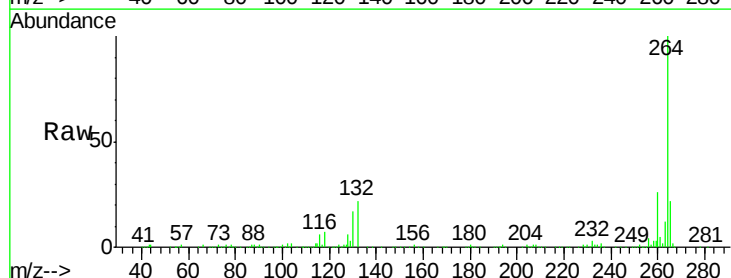
Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	25.3	20.1	30.1

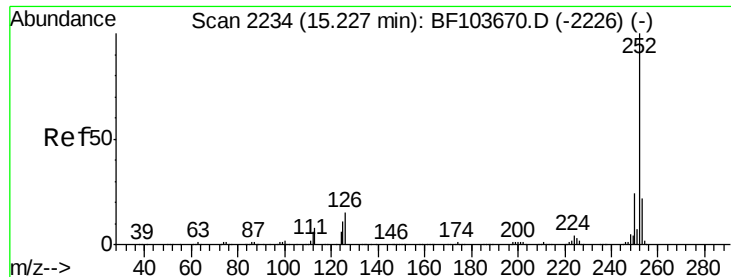


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BF103680.D
 Acq: 15 Mar 2018 20:42

Tgt Ion:264 Resp: 391124

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.2	28.8
265	21.8	17.5	26.3

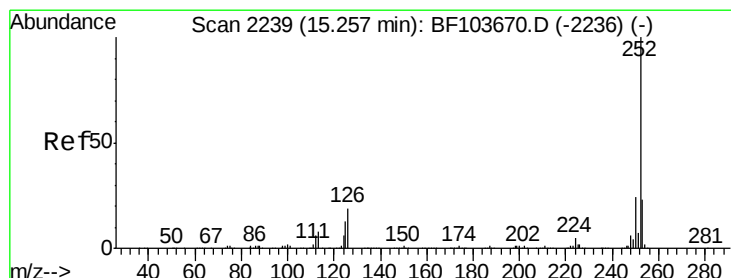
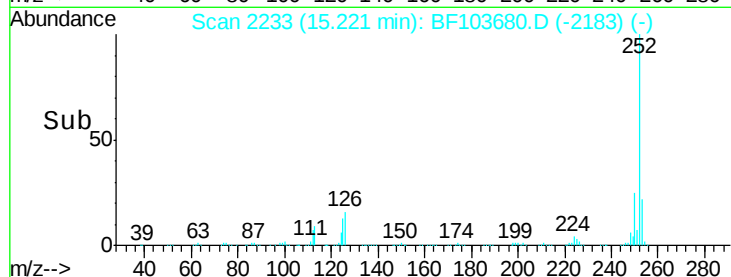
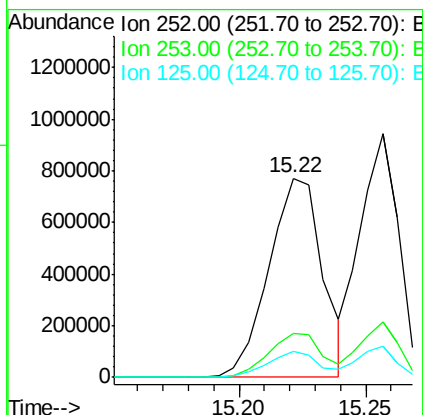
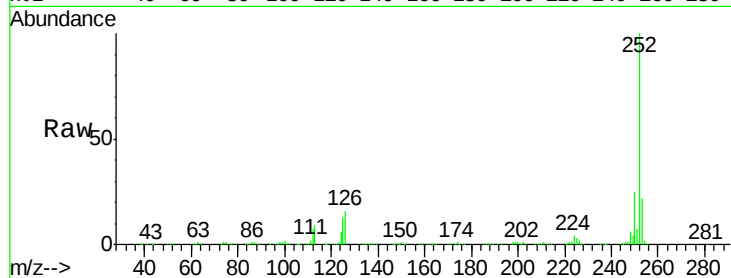




#87
Benzo(b)fluoranthene
Concen: 45.970 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

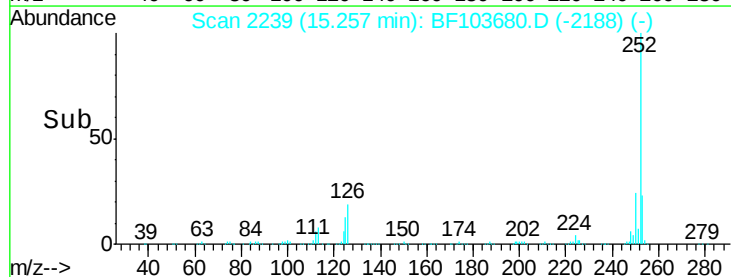
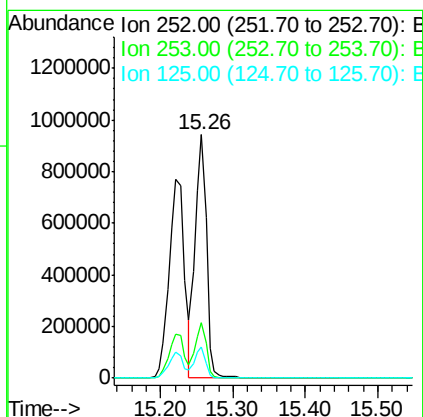
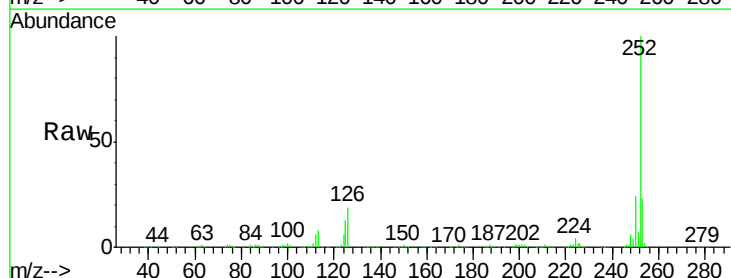
Instrument :
BNA_F
ClientSampleId :

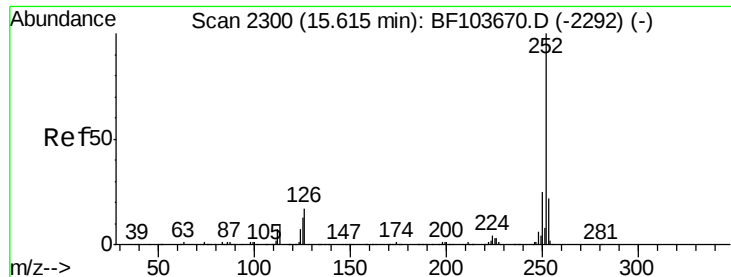
Tot Ion:252 Resp: 1135921
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 12.8 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 43.108 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BF103680.D
Acq: 15 Mar 2018 20:42

Tgt Ion:252 Resp: 1023962
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.216 ng

RT: 15.62 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

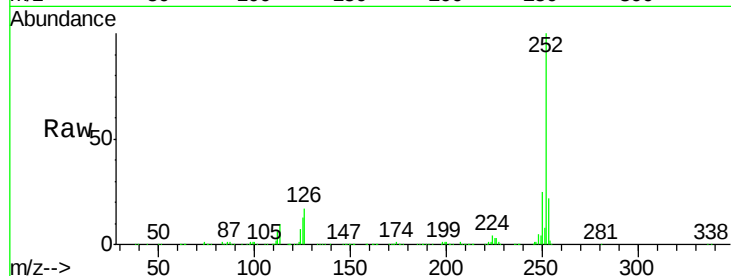
Tot Ion:252 Resp: 1035809

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

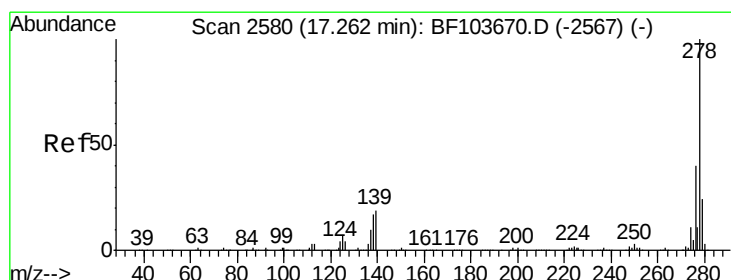
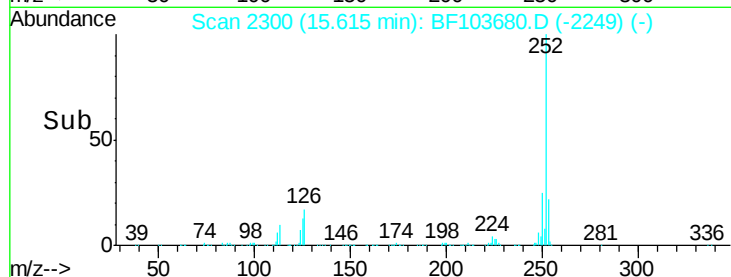
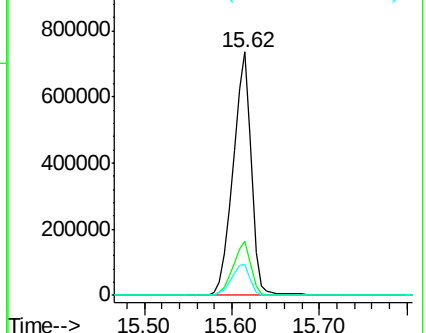
125 13.0 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 44.787 ng

RT: 17.26 min Scan# 2580

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

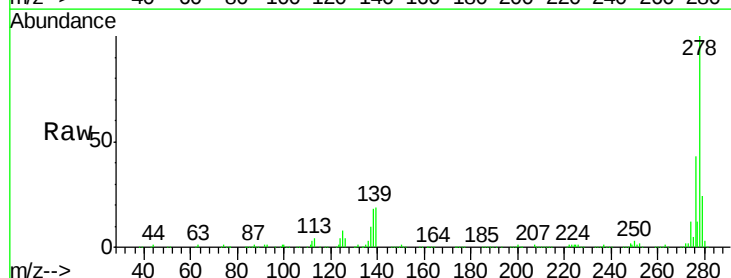
Tgt Ion:278 Resp: 869177

Ion Ratio Lower Upper

278 100

139 18.8 15.9 23.9

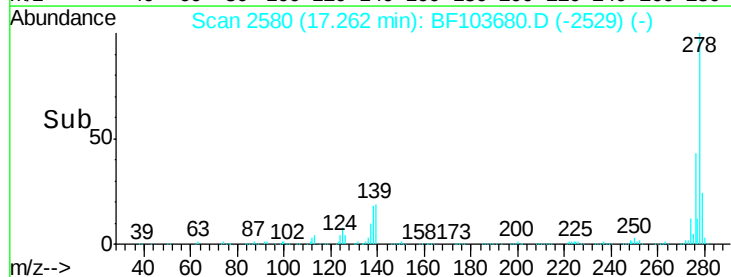
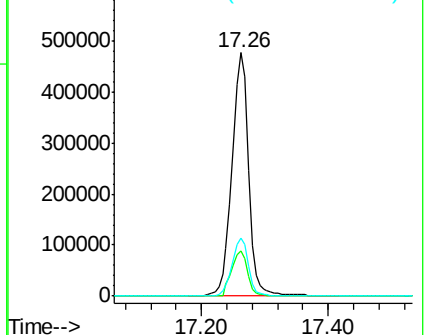
279 24.1 19.0 28.4

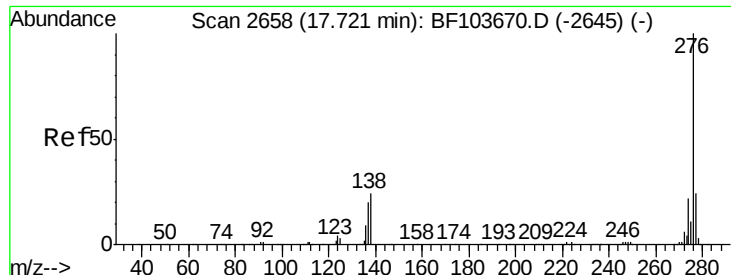


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.251 ng

RT: 17.72 min Scan# 2658

Delta R.T. 0.00 min

Lab File: BF103680.D

Acq: 15 Mar 2018 20:42

Instrument :

BNA_F

ClientSampleId :

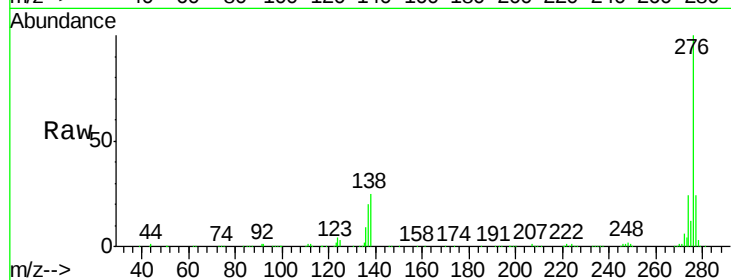
Tot Ion: 276 Resp: 854341

Ion Ratio Lower Upper

276 100

277 23.6 17.9 26.9

138 24.7 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

