

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103779.D
 Acq On : 20 Mar 2018 1:52
 Operator : JU/SJ
 Sample : J1971-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 02:27:41 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	150120	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599198	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	259446	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	423139	20.00	ng	0.01
75) Chrysene-d12	14.16	240	302788	20.00	ng	0.01
86) Perylene-d12	15.70	264	275136	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	925458	93.77	ng	0.02
7) Phenol-d6	6.60	99	1142638	94.63	ng	0.01
23) Nitrobenzene-d5	7.53	82	691593	80.49	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	246716	110.60	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1132414	69.62	ng	0.00
78) Terphenyl-d14	13.09	244	974066	74.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	134143	27.602	ng	89
3) Pyridine	3.65	79	373765	27.961	ng	# 86
4) n-Nitrosodimethylamine	3.60	42	146122	29.647	ng	80
6) Aniline	6.64	93	341422	19.801	ng	95
8) 2-Chlorophenol	6.76	128	354245	34.262	ng	96
9) Benzaldehyde	6.52	77	116911	14.737	ng	100
10) Phenol	6.61	94	483634	37.692	ng	97
11) bis(2-Chloroethyl)ether	6.70	93	336296	31.749	ng	96
12) 1,3-Dichlorobenzene	6.92	146	363707	30.886	ng	99
13) 1,4-Dichlorobenzene	6.99	146	372015	31.439	ng	99
14) 1,2-Dichlorobenzene	7.15	146	348373	31.727	ng	99
15) Benzyl Alcohol	7.11	79	297767	31.827	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.24	45	449228	29.818	ng	94
17) 2-Methylphenol	7.22	107	295457	32.089	ng	98
18) Hexachloroethane	7.49	117	114485	27.505	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	230024	29.725	ng	93
20) 3+4-Methylphenols	7.37	107	364937	31.232	ng	92
22) Acetophenone	7.38	105	465865	30.252	ng	# 93
24) Nitrobenzene	7.56	77	361933	35.879	ng	95
25) Isophorone	7.79	82	655658	32.963	ng	99
26) 2-Nitrophenol	7.87	139	166461	44.283	ng	93
27) 2,4-Dimethylphenol	7.90	122	311556	36.562	ng	98
28) bis(2-Chloroethoxy)methane	8.00	93	424957	35.282	ng	99
29) 2,4-Dichlorophenol	8.11	162	284821	36.739	ng	96
30) 1,2,4-Trichlorobenzene	8.19	180	291228	32.388	ng	98
31) Naphthalene	8.28	128	967978	31.980	ng	100
32) Benzoic acid	7.96	122	26145	13.356	ng	98
33) 4-Chloroaniline	8.32	127	178572	14.062	ng	93
34) Hexachlorobutadiene	8.39	225	153440	31.124	ng	98
35) Caprolactam	8.68	113	69366	25.984	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	296864	34.735	ng	97
37) 2-Methylnaphthalene	8.97	142	630245	32.834	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	258394	34.910	ng	98
40) Hexachlorocyclopentadiene	9.12	237	101772	26.647	ng	98

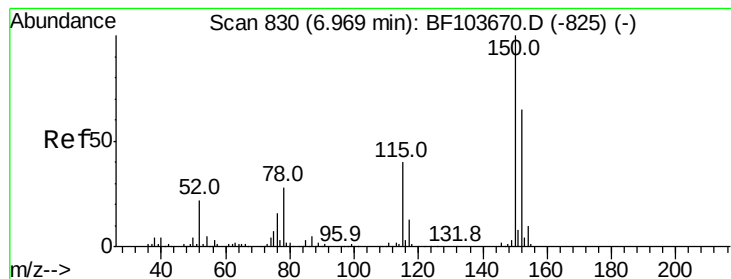
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103779.D
 Acq On : 20 Mar 2018 1:52
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	185315	39.143	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	196231	36.723	ng	94
45) 1,1'-Biphenyl	9.43	154	719420	33.254	ng	98
46) 2-Chloronaphthalene	9.46	162	571888	33.282	ng	97
47) 2-Nitroaniline	9.55	65	177318	40.661	ng	97
48) Acenaphthylene	9.88	152	855999	32.126	ng	99
49) Dimethylphthalate	9.73	163	795923	40.210	ng	100
50) 2,6-Dinitrotoluene	9.79	165	146423	39.049	ng	97
51) Acenaphthene	10.05	154	516194	32.626	ng	100
52) 3-Nitroaniline	9.96	138	130388	29.969	ng	97
53) 2,4-Dinitrophenol	10.07	184	36813	46.505	ng	# 19
54) Dibenzofuran	10.22	168	748668	33.132	ng	99
55) 4-Nitrophenol	10.12	139	256120	71.253	ng	95
56) 2,4-Dinitrotoluene	10.20	165	186783	39.733	ng	90
57) Fluorene	10.56	166	567469	32.364	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	148547	39.232	ng	94
59) Diethylphthalate	10.43	149	649999	33.085	ng	98
60) 4-Chlorophenyl-phenylether	10.55	204	268626	33.522	ng	99
61) 4-Nitroaniline	10.58	138	144232	33.854	ng	91
62) Azobenzene	10.72	77	593055	29.691	ng	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	34514	29.052	ng	91
65) n-Nitrosodiphenylamine	10.67	169	520423	36.133	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	158973	36.592	ng	92
67) Hexachlorobenzene	11.12	284	170109	34.306	ng	# 88
68) Atrazine	11.20	200	158666	35.612	ng	97
69) Pentachlorophenol	11.31	266	176901	62.054	ng	97
70) Phenanthrene	11.53	178	773644	33.424	ng	99
71) Anthracene	11.59	178	801430	34.090	ng	99
72) Carbazole	11.74	167	750818	32.859	ng	99
73) Di-n-butylphthalate	12.06	149	950008	34.650	ng	99
74) Fluoranthene	12.73	202	755312	31.674	ng	97
76) Benzidine	12.85	184	442285	34.248	ng	98
77) Pyrene	12.96	202	742306	33.382	ng	99
79) Butylbenzylphthalate	13.56	149	369195	37.474	ng	99
80) Benzo(a)anthracene	14.15	228	628697	32.802	ng	99
81) 3,3'-Dichlorobenzidine	14.11	252	230748	35.992	ng	# 97
82) Chrysene	14.19	228	594537	32.541	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	514818	36.578	ng	99
84) Di-n-octyl phthalate	14.74	149	843910	41.215	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.27	276	552135	34.605	ng	98
87) Benzo(b)fluoranthene	15.24	252	600768	34.562	ng	98
88) Benzo(k)fluoranthene	15.27	252	508232	30.416	ng	99
89) Benzo(a)pyrene	15.63	252	527445	33.455	ng	98
90) Dibenzo(a,h)anthracene	17.29	278	469797	34.413	ng	98
91) Benzo(g,h,i)perylene	17.75	276	446577	33.625	ng	98

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

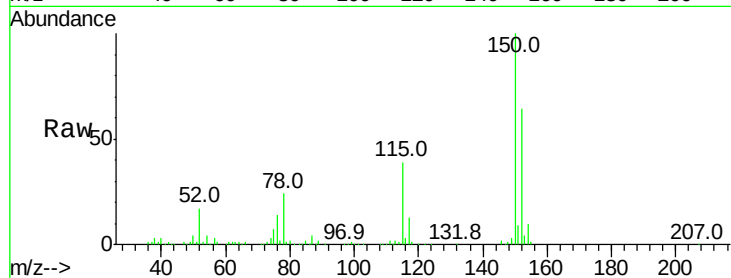


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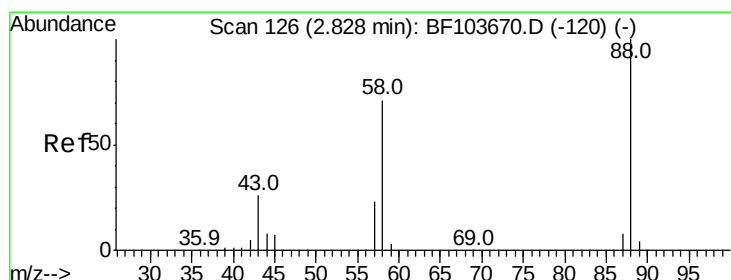
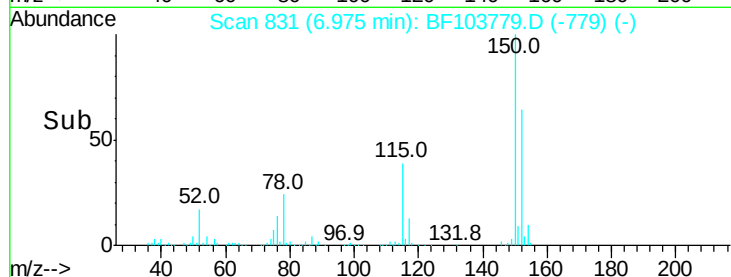
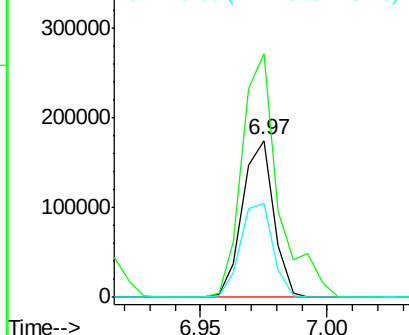
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 150120
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 60.0 50.1 75.1



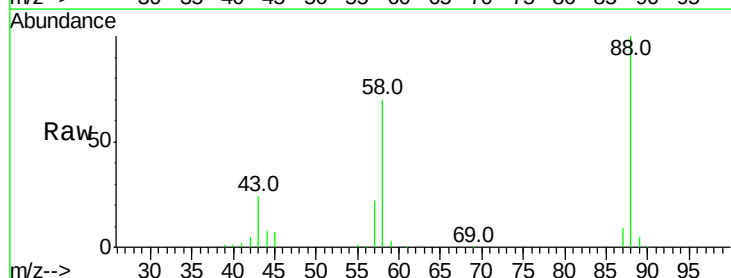
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



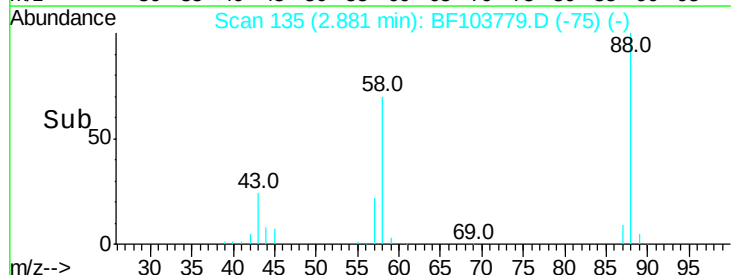
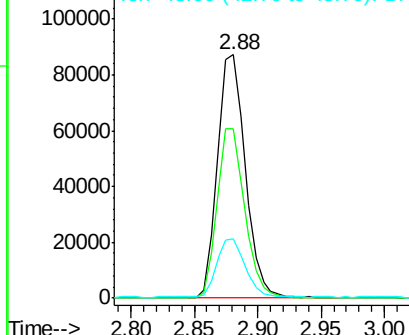
#2

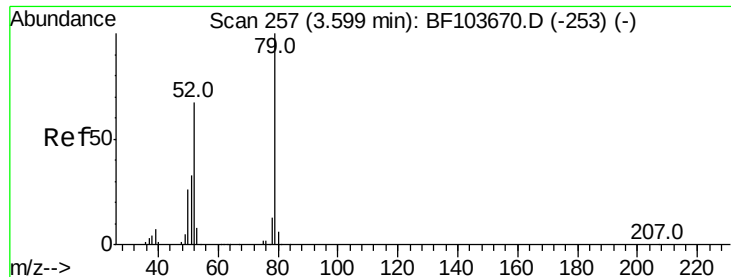
1,4-Dioxane
Concen: 27.602 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion: 88 Resp: 134143
Ion Ratio Lower Upper
88 100
58 69.2 62.6 93.8
43 24.7 24.6 37.0



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





#3

Pvridine

Concen: 27.961 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.05 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

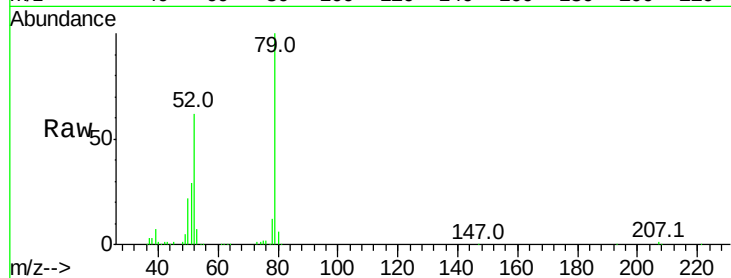
Tot Ion: 79 Resp: 373765

Ion Ratio Lower Upper

79 100

52 62.2 59.8 89.6

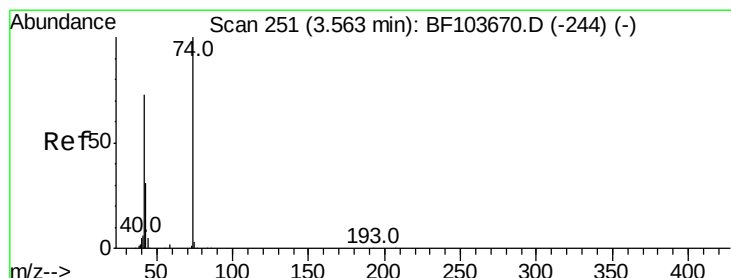
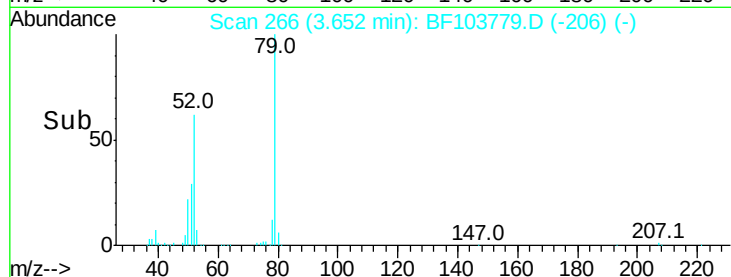
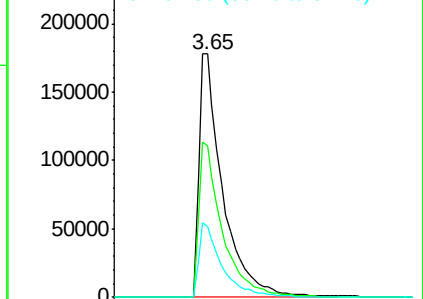
51 29.0 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 29.647 ng

RT: 3.60 min Scan# 258

Delta R.T. 0.04 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

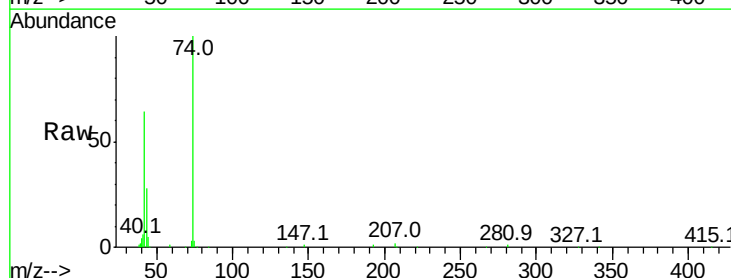
Tgt Ion: 42 Resp: 146122

Ion Ratio Lower Upper

42 100

74 155.8 104.9 157.3

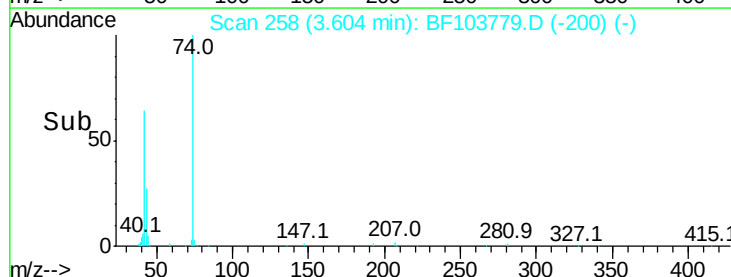
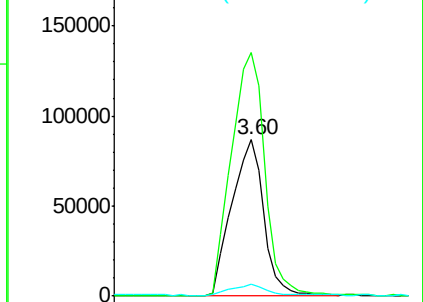
44 8.0 6.9 10.3

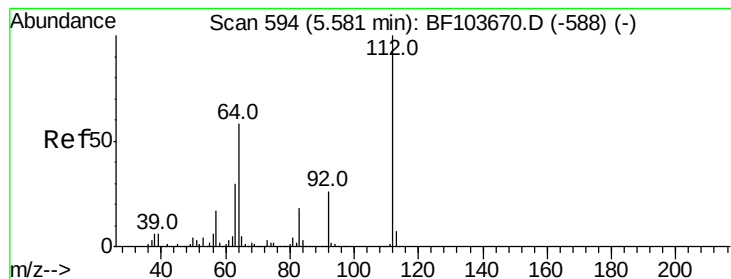


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.766 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :
BNA_F
ClientSampled :

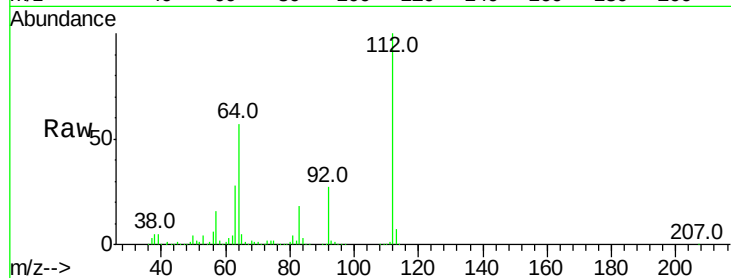
Tot Ion:112 Resp: 925458

Ion Ratio Lower Upper

112 100

64 56.7 47.9 71.9

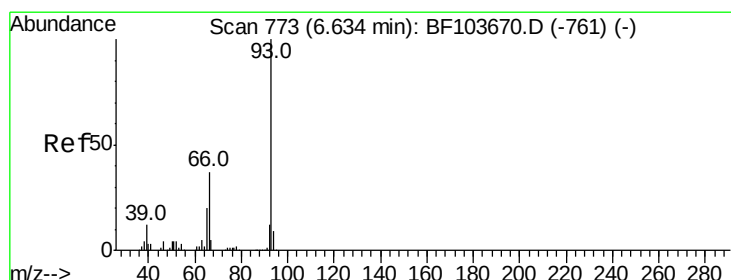
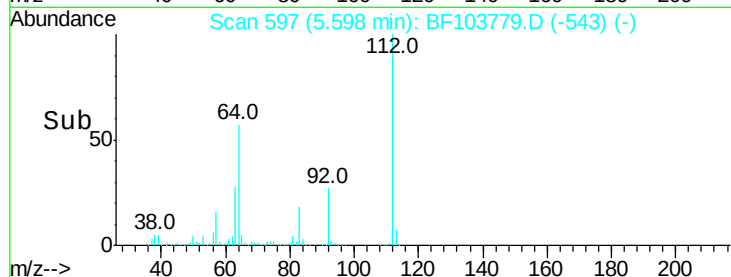
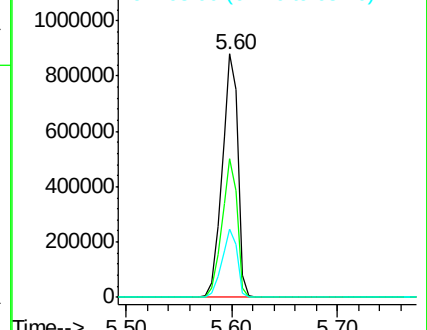
63 28.0 23.7 35.5



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: 19.801 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

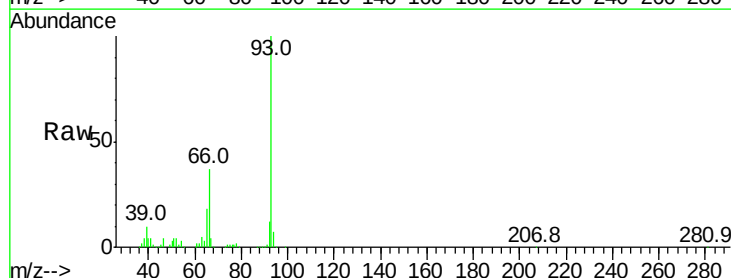
Tgt Ion: 93 Resp: 341422

Ion Ratio Lower Upper

93 100

66 37.2 32.2 48.2

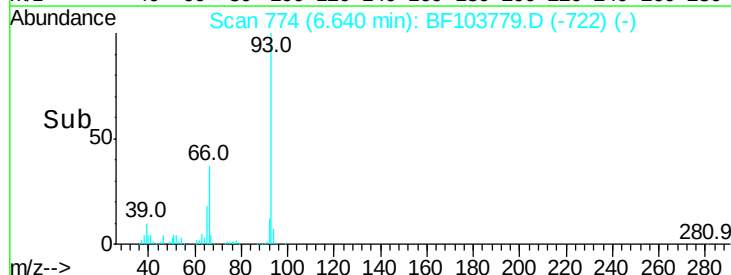
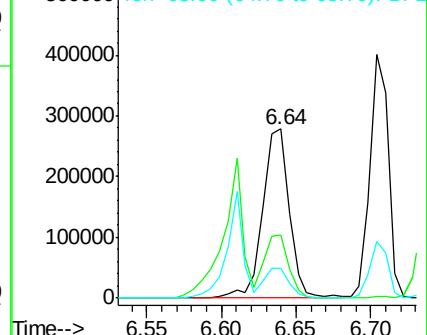
65 18.0 16.4 24.6

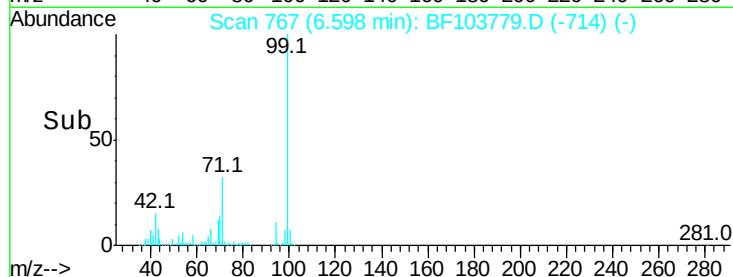
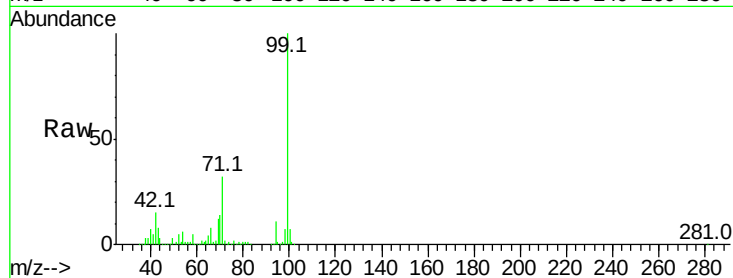
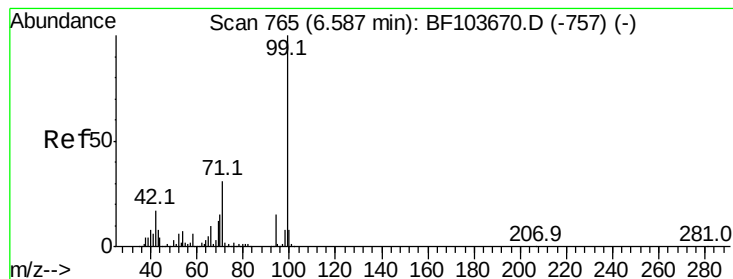


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 94.628 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

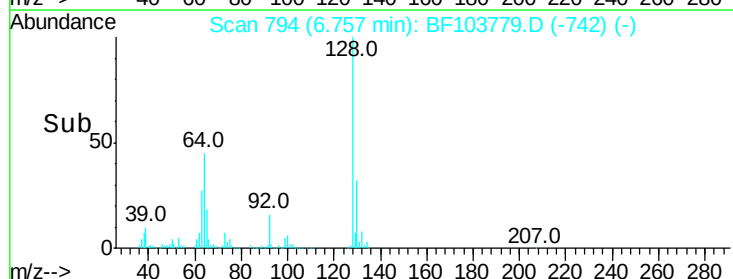
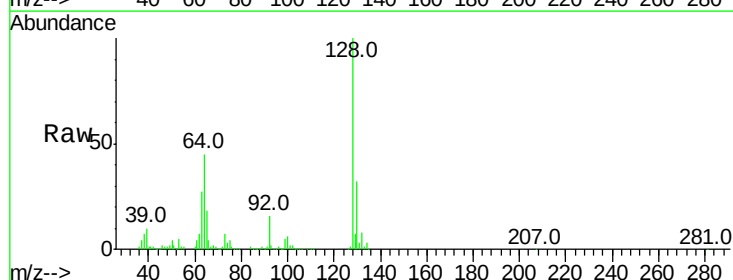
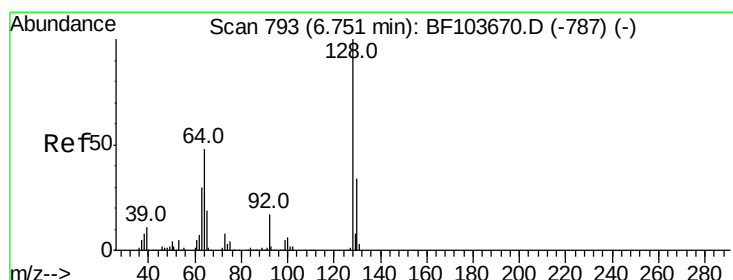
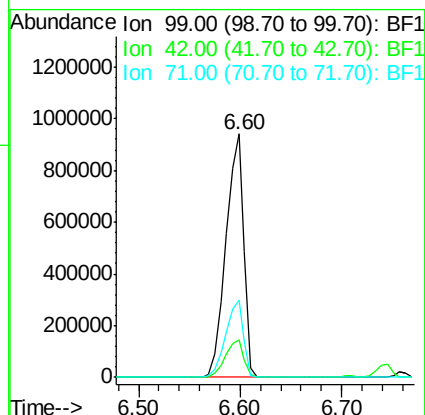
Tot Ion: 99 Resp: 1142638

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 31.7 25.4 38.0



#8

2-Chlorophenol

Concen: 34.262 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

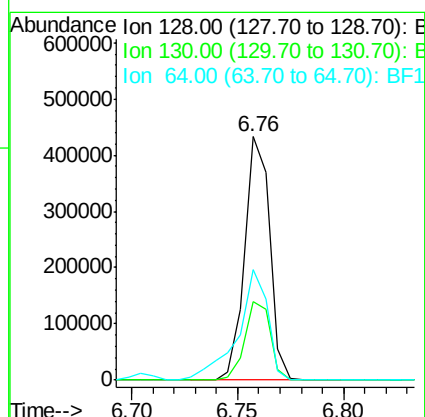
Tgt Ion: 128 Resp: 354245

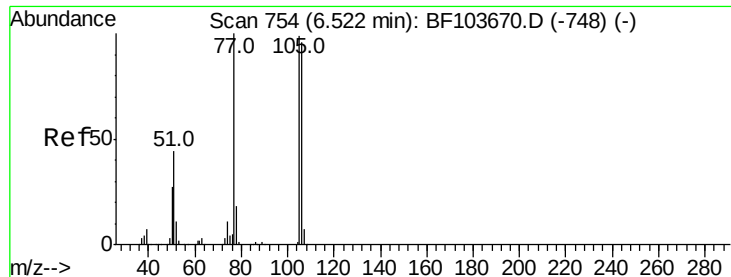
Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

64 45.4 29.4 69.4





#9

Benzaldehyde

Concen: 14.737 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

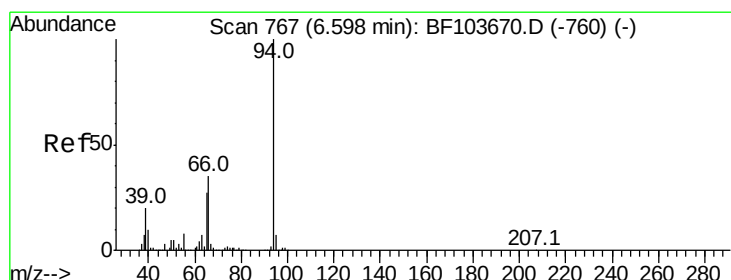
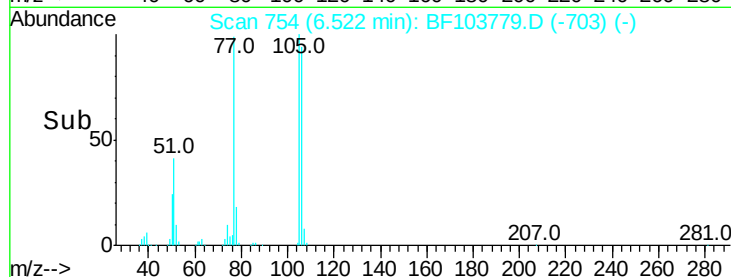
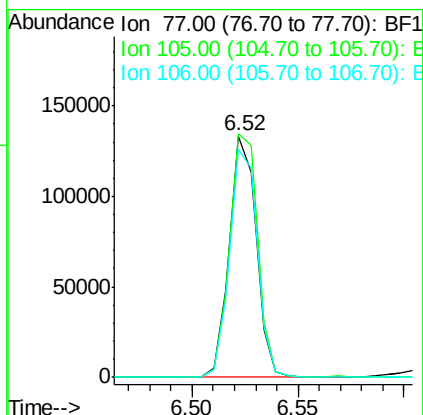
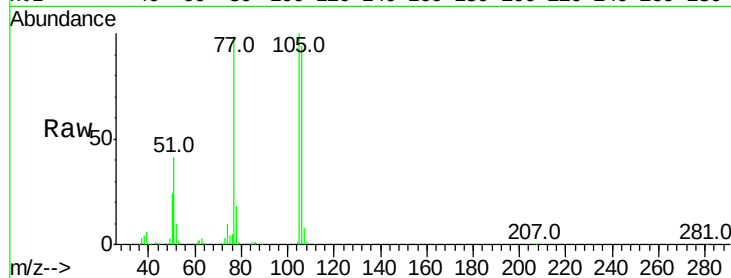
Tot Ion: 77 Resp: 116911

Ion Ratio Lower Upper

77 100

105 101.0 81.1 121.1

106 94.6 74.5 114.5



#10

Phenol

Concen: 37.692 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

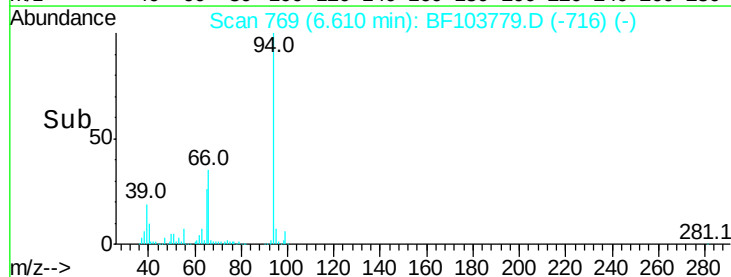
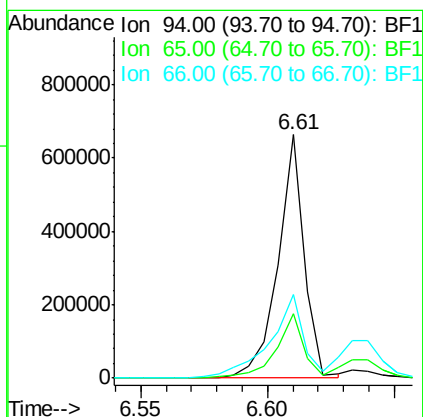
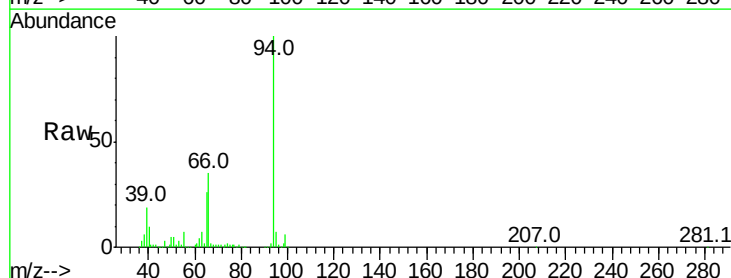
Tgt Ion: 94 Resp: 483634

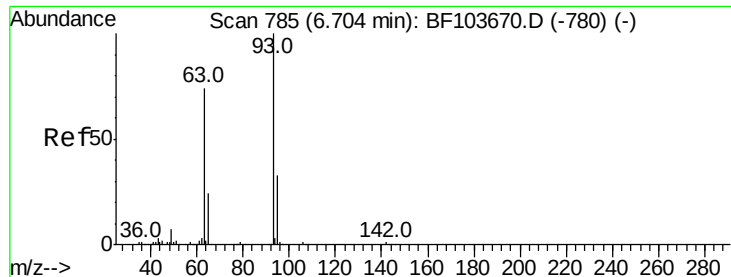
Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 34.6 16.2 56.2

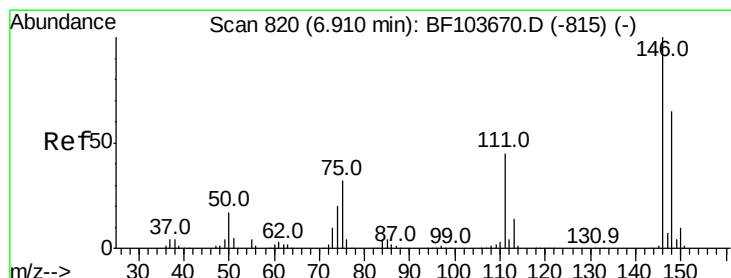
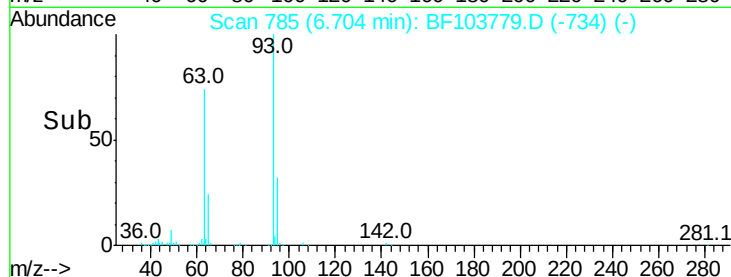
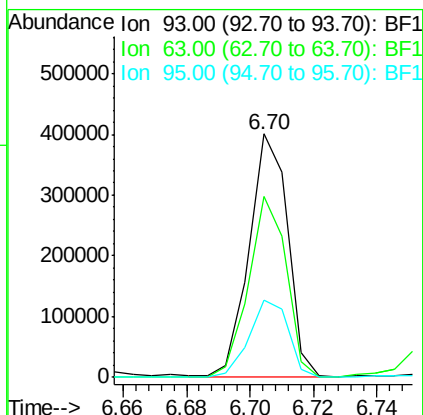
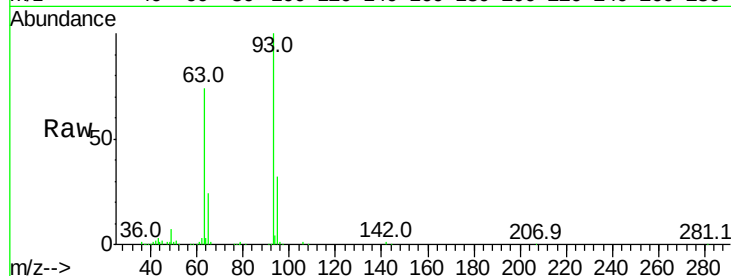




#11
bis(2-Chloroethyl)ether
Concen: 31.749 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

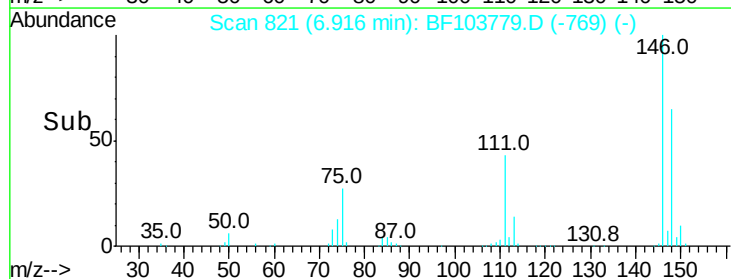
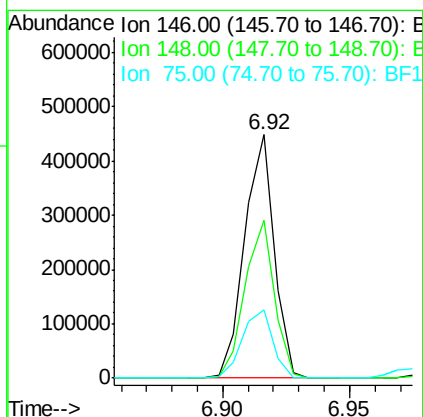
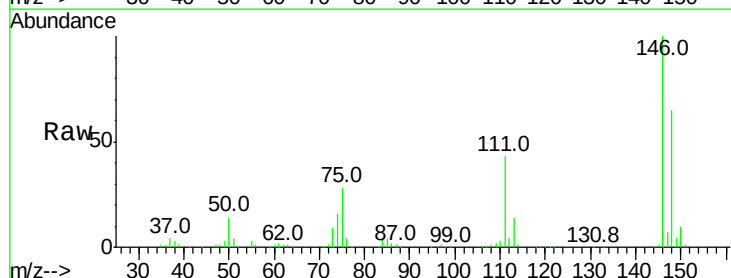
Instrument :
BNA_F
ClientSampleId :

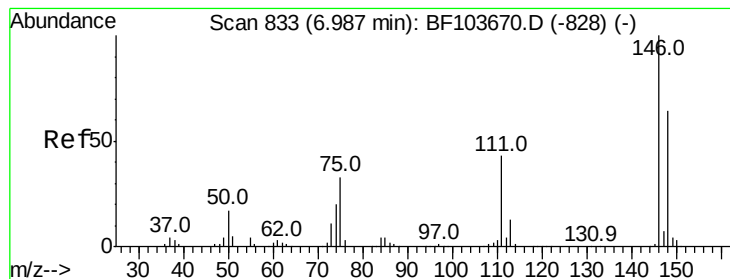
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.3	58.6	98.6
95	31.9	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 30.886 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.3	24.2	36.4

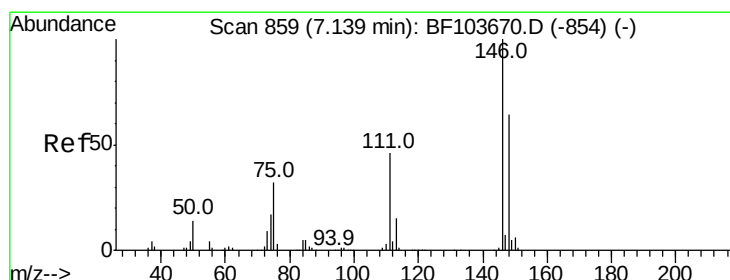
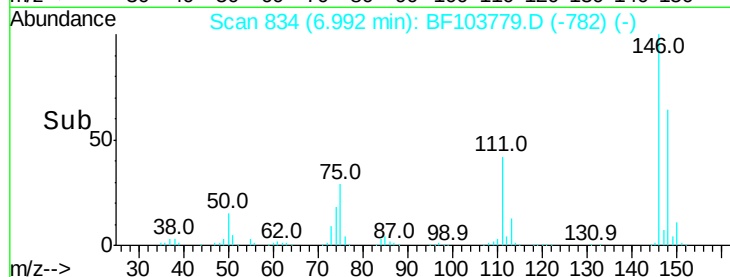
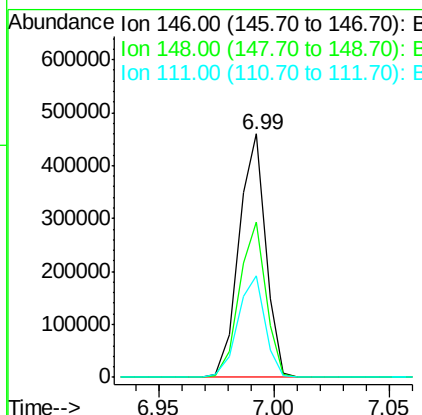
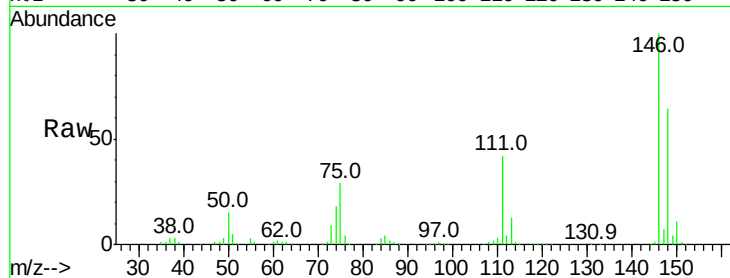




#13
 1,4-Dichlorobenzene
 Concen: 31.439 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

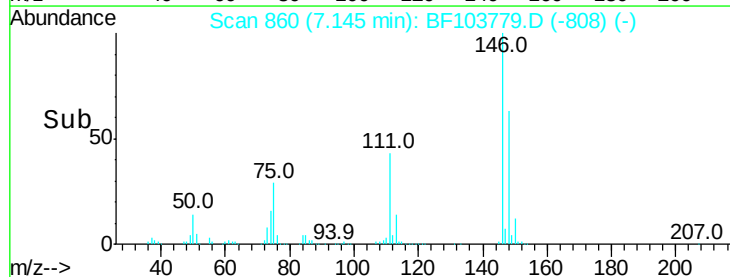
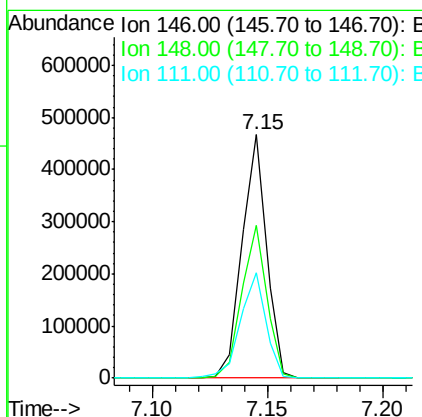
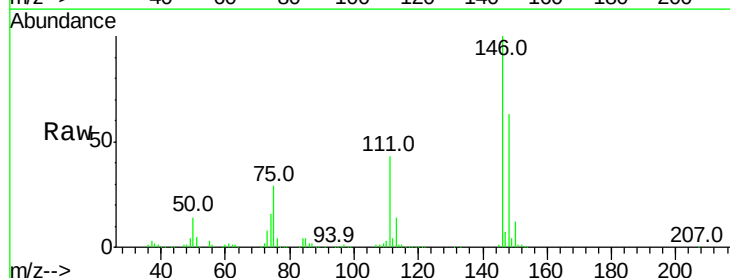
Instrument :
 BNA_F
 ClientSampleId :

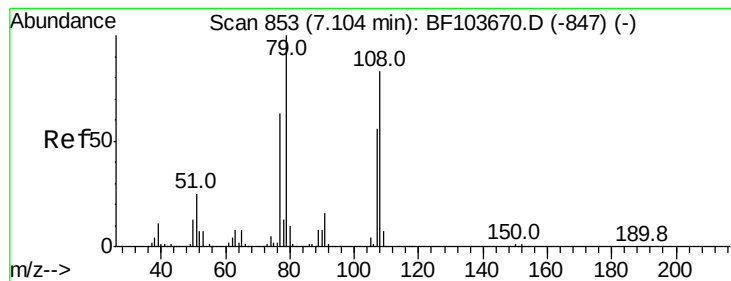
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	41.5	34.2	51.2



#14
 1,2-Dichlorobenzene
 Concen: 31.727 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.6	75.8
111	43.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 31.827 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampled :

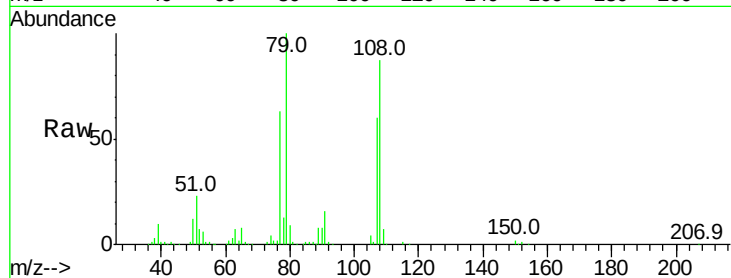
Tot Ion: 79 Resp: 297767

Ion Ratio Lower Upper

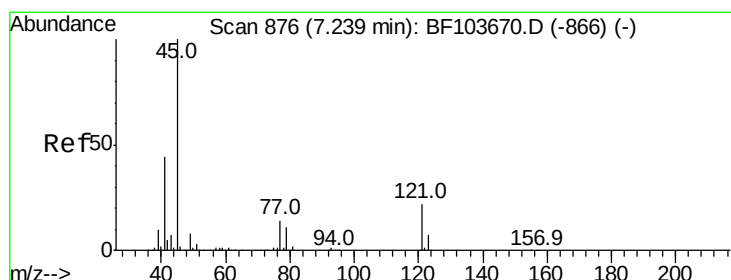
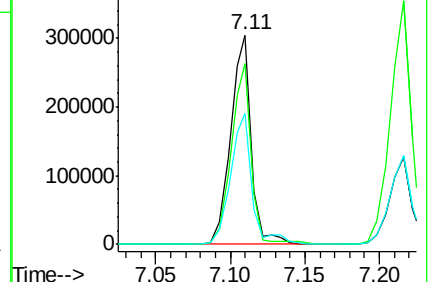
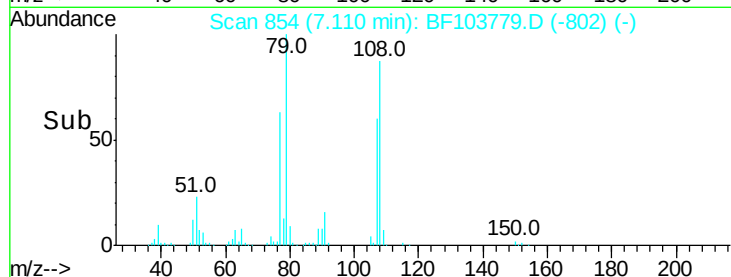
79 100

108 86.7 65.1 97.7

77 62.7 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: 29.818 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

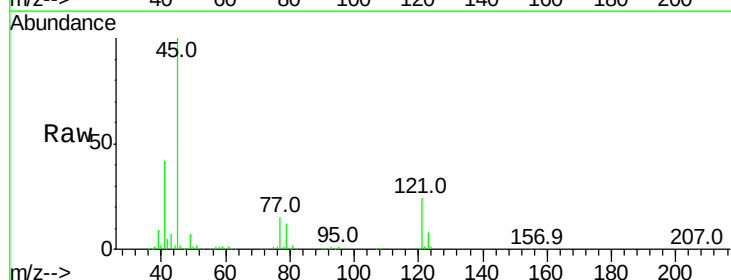
Tgt Ion: 45 Resp: 449228

Ion Ratio Lower Upper

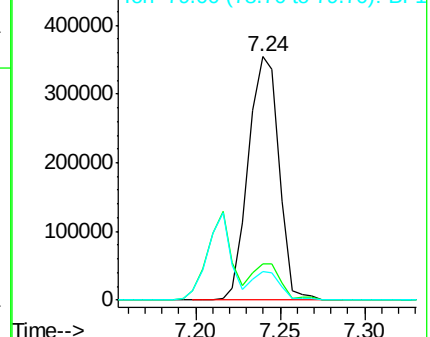
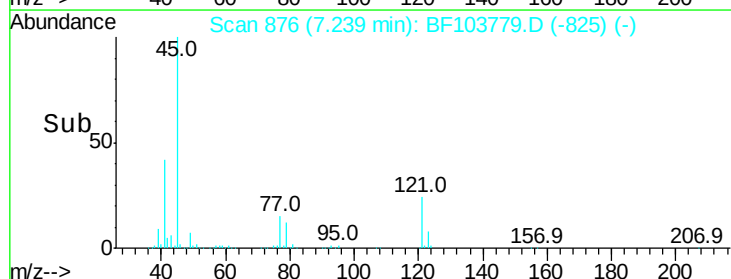
45 100

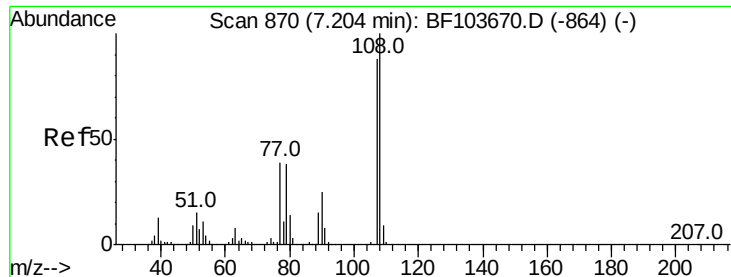
77 15.1 0.0 32.9

79 11.8 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: 32.089 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 295457

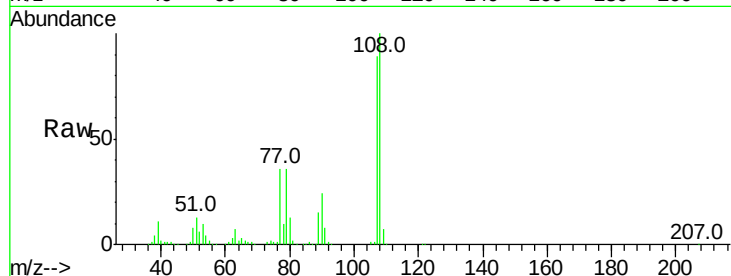
Ion Ratio Lower Upper

107 100

108 112.5 91.7 137.5

77 40.9 33.8 50.8

79 40.2 33.8 50.8

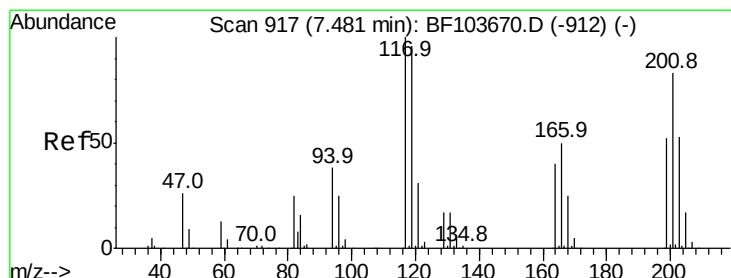
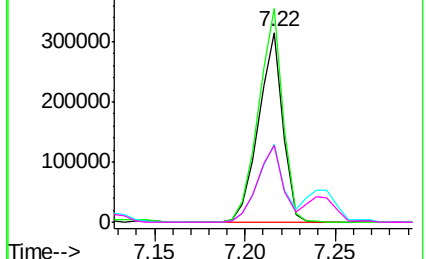
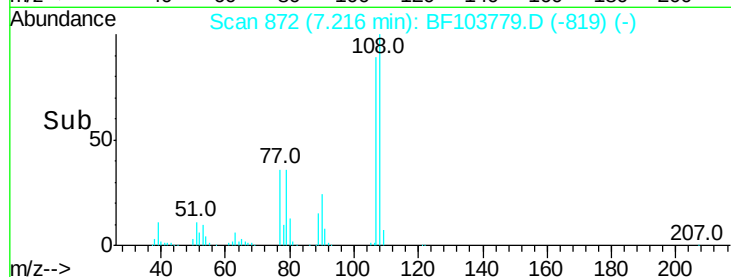


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.505 ng

RT: 7.49 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

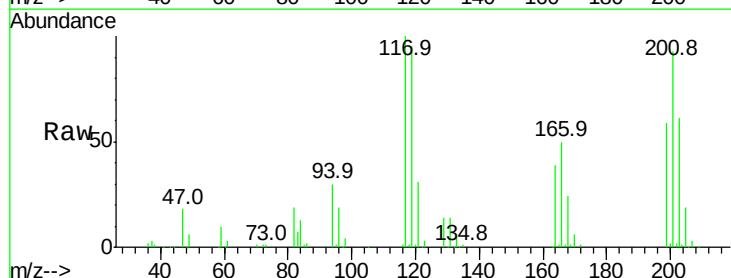
Tgt Ion:117 Resp: 114485

Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.8

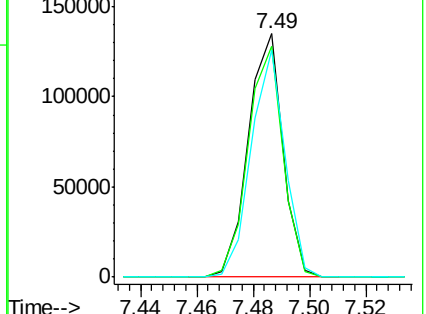
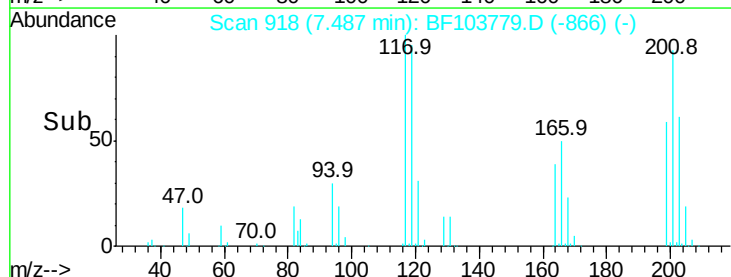
201 93.3 75.7 113.5

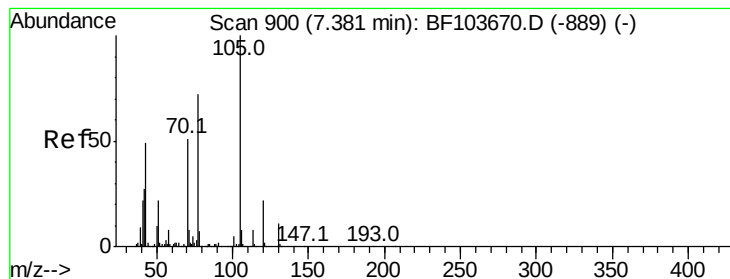


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.725 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 230024

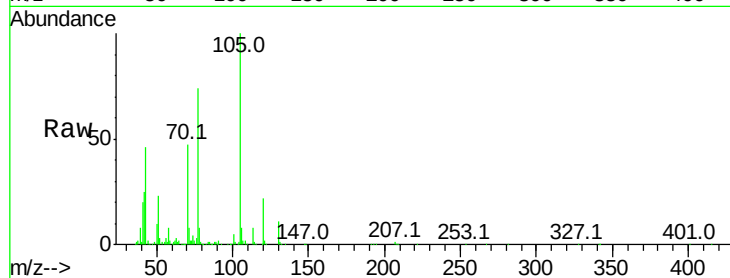
Ion Ratio Lower Upper

70 100

42 52.6 47.5 71.3

101 9.8 7.4 11.2

130 23.3 16.6 25.0

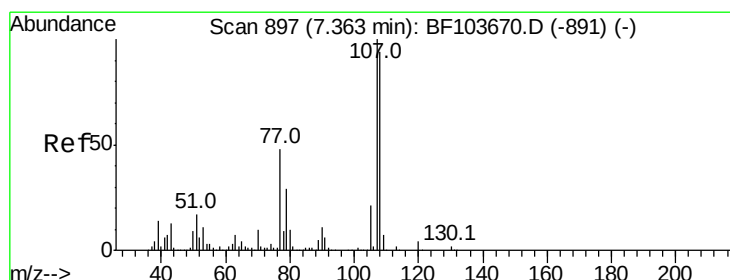
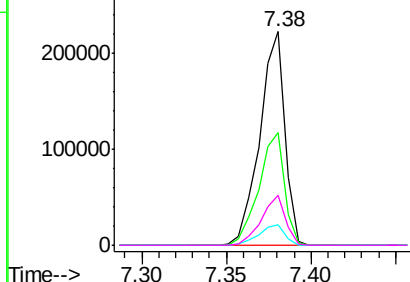
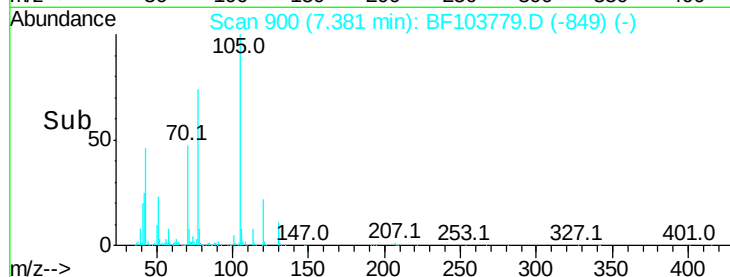


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 31.232 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:107 Resp: 364937

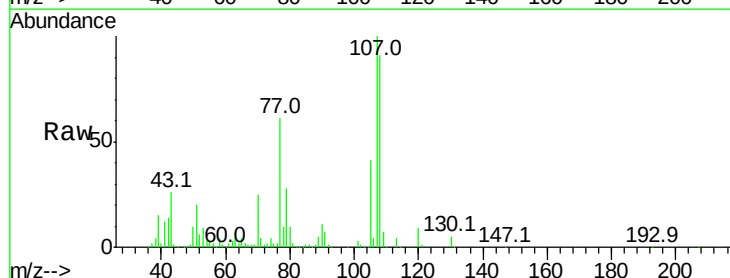
Ion Ratio Lower Upper

107 100

108 90.9 68.2 108.2

77 61.3 26.7 66.7

79 27.7 6.3 46.3

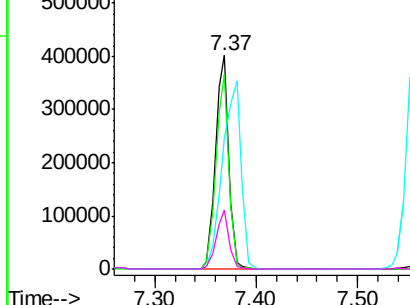
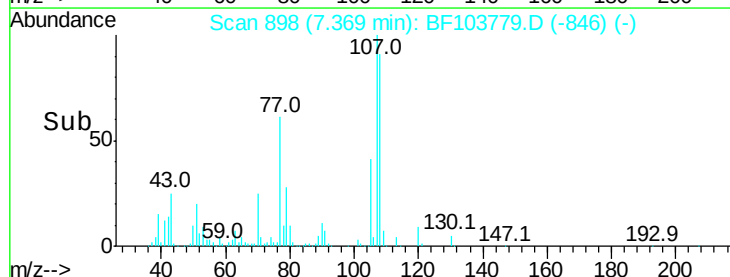


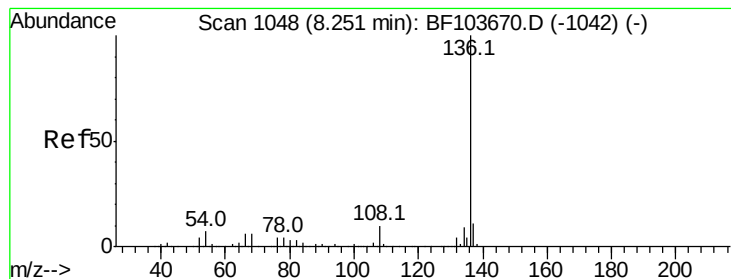
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 599198

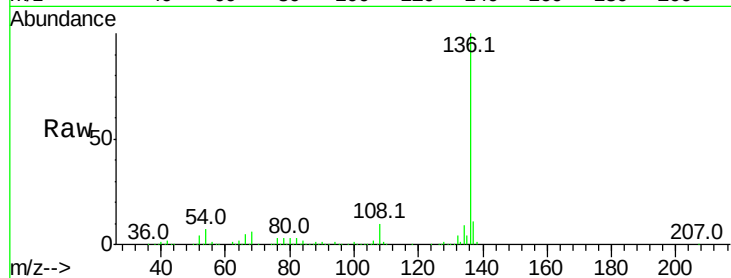
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.7 6.6 9.8

68 6.2 5.0 7.4

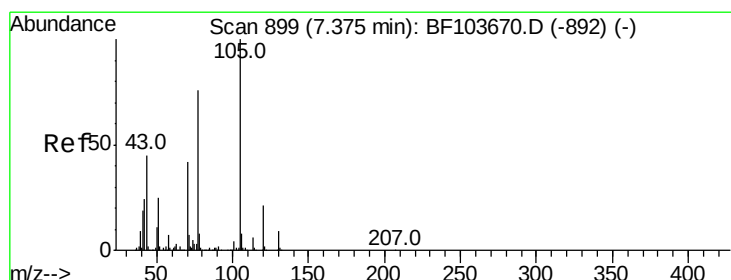
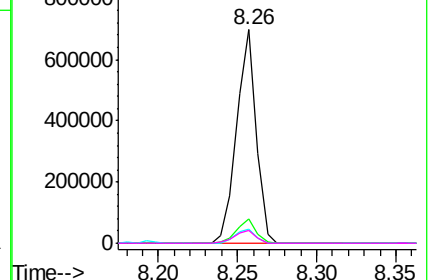
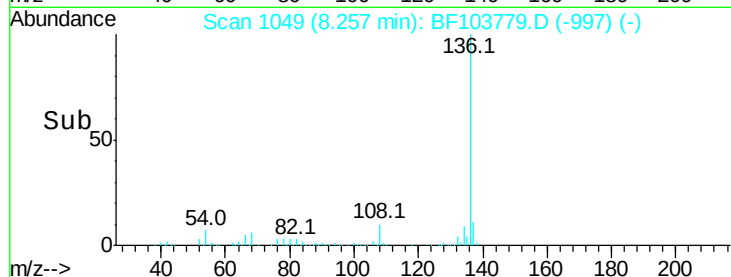


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.252 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:105 Resp: 465865

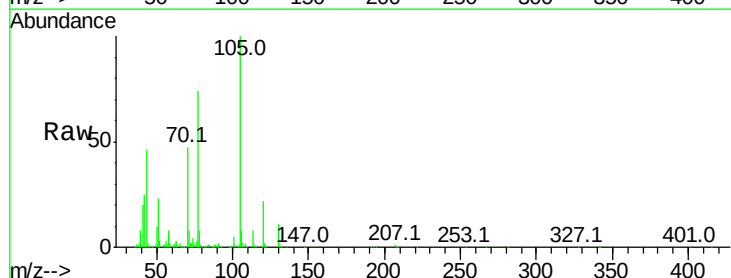
Ion Ratio Lower Upper

105 100

71 8.1 4.4 6.6#

51 22.6 22.3 33.5

120 22.1 16.9 25.3

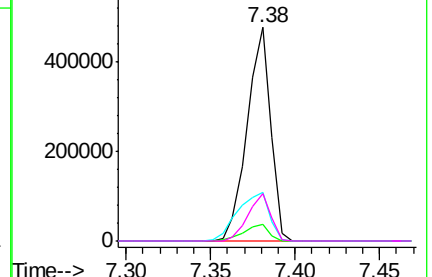
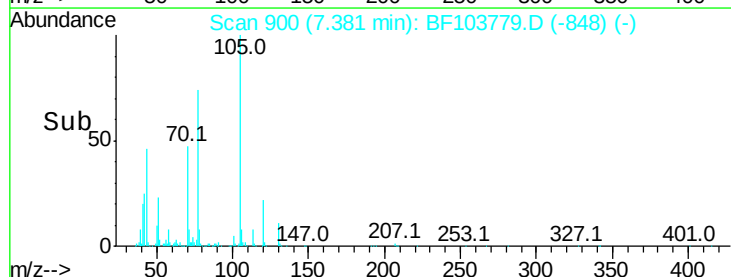


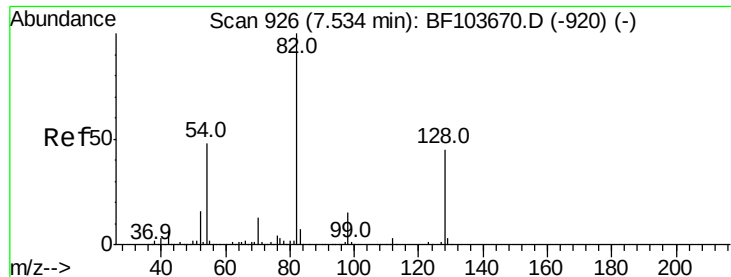
Abundance Ion 105.00 (104.70 to 105.70): E

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

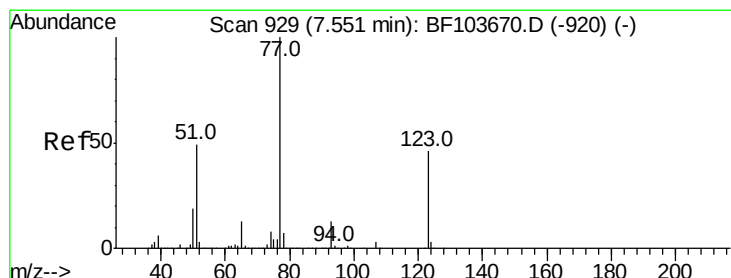
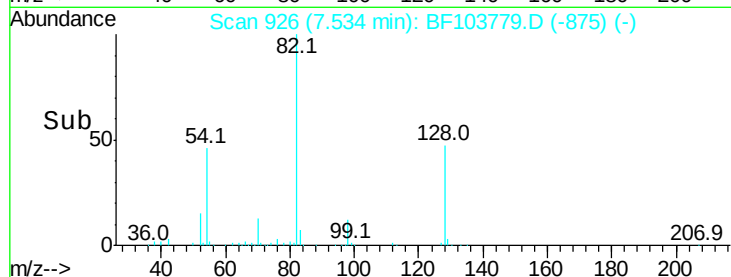
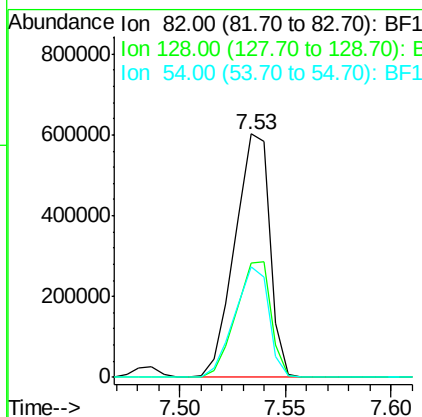
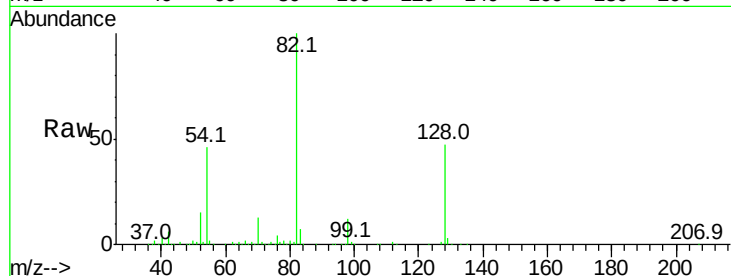




#23
 Nitrobenzene-d5
 Concen: 80.489 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

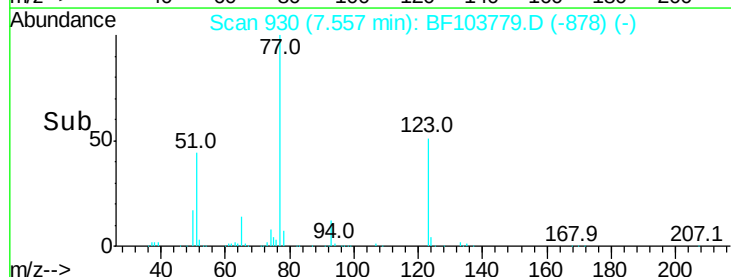
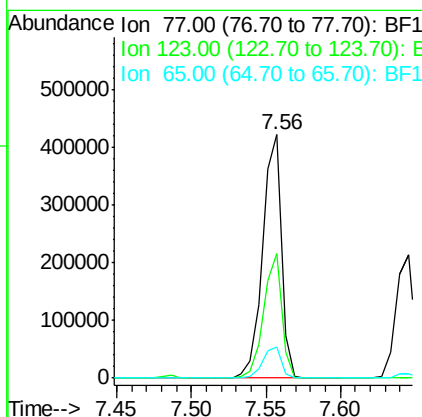
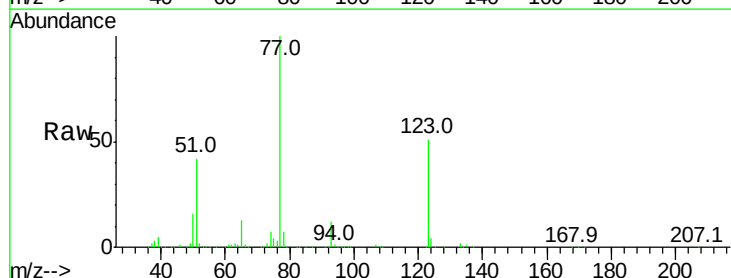
Instrument :
 BNA_F
 ClientSampleId :

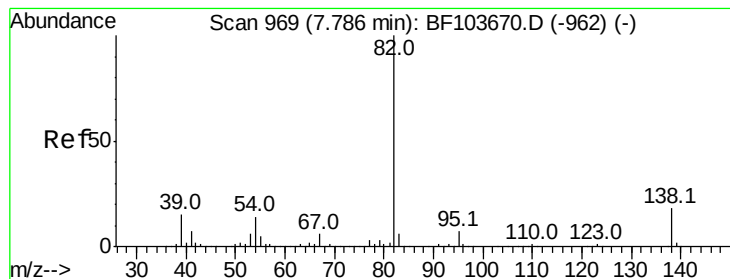
Tot Ion	82	Resp	691593
Ion Ratio	100	Lower	Upper
128	46.8	36.1	54.1
54	45.6	41.4	62.2



#24
 Nitrobenzene
 Concen: 35.879 ng
 RT: 7.56 min Scan# 930
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	77	Resp	361933
Ion Ratio	100	Lower	Upper
123	51.4	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 32.963 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

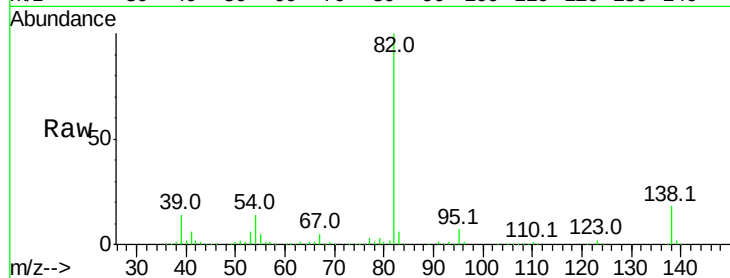
Tot Ion: 82 Resp: 655658

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

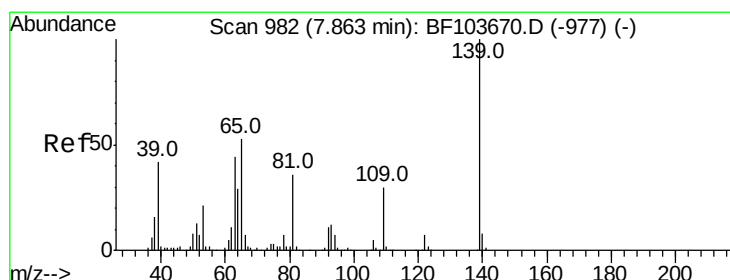
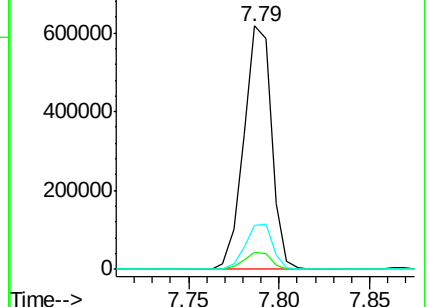
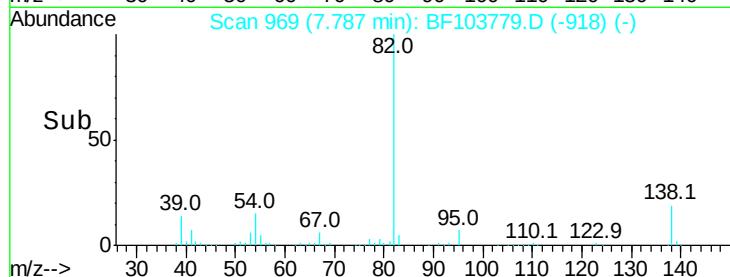
138 18.0 14.9 22.3



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: 44.283 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

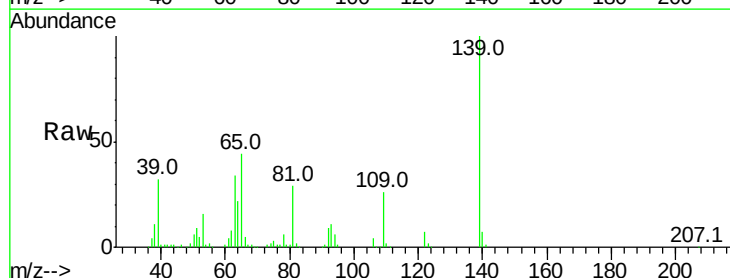
Tgt Ion: 139 Resp: 166461

Ion Ratio Lower Upper

139 100

109 26.2 22.7 34.1

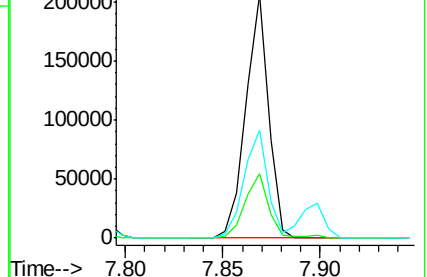
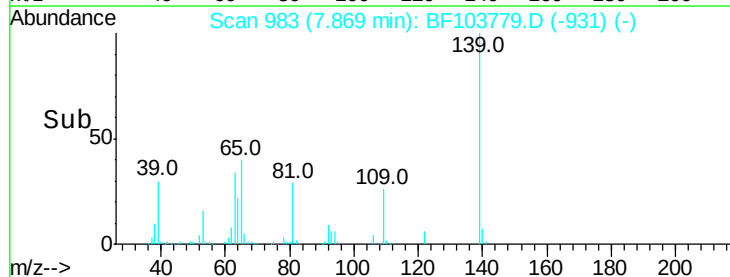
65 44.2 40.5 60.7

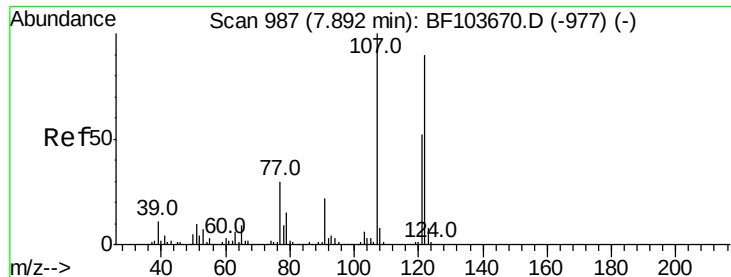


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

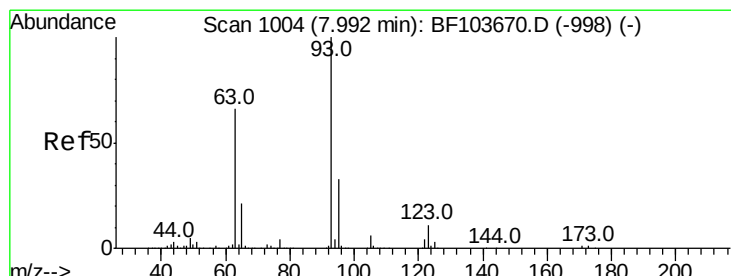
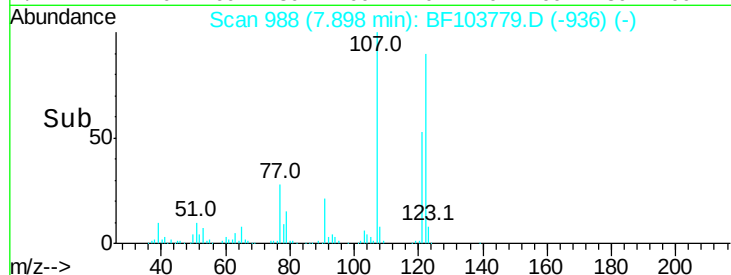
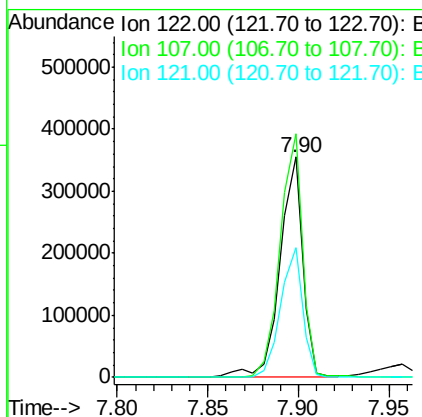
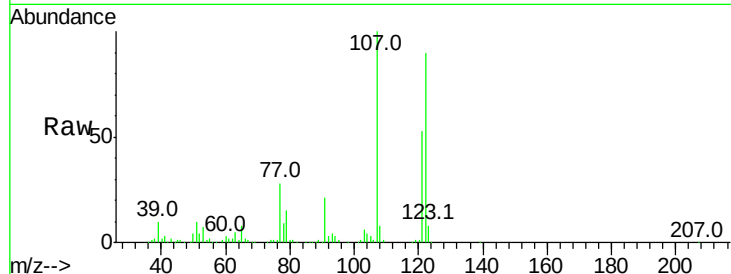




#27
2,4-Dimethylphenol
Concen: 36.562 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

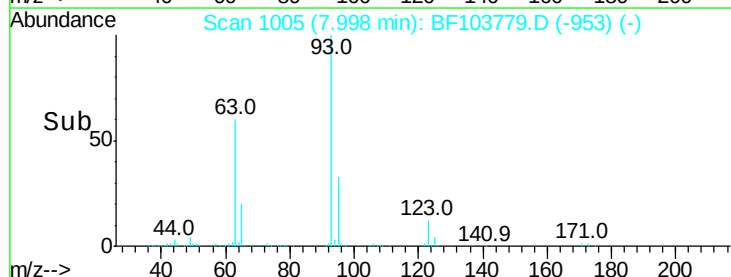
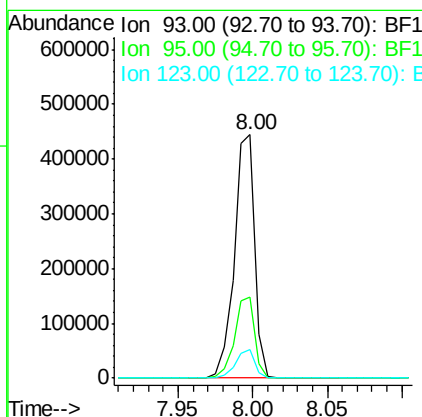
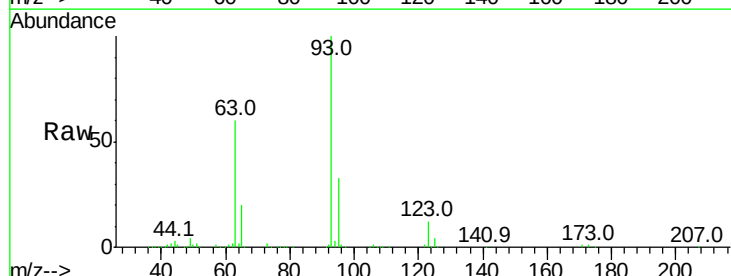
Instrument :
BNA_F
ClientSampled :

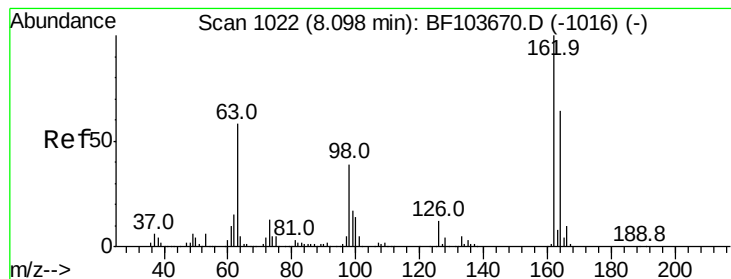
Tot Ion:122 Resp: 311556
Ion Ratio Lower Upper
122 100
107 110.6 91.2 136.8
121 58.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 35.282 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion: 93 Resp: 424957
Ion Ratio Lower Upper
93 100
95 33.2 26.3 39.5
123 11.7 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 36.739 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

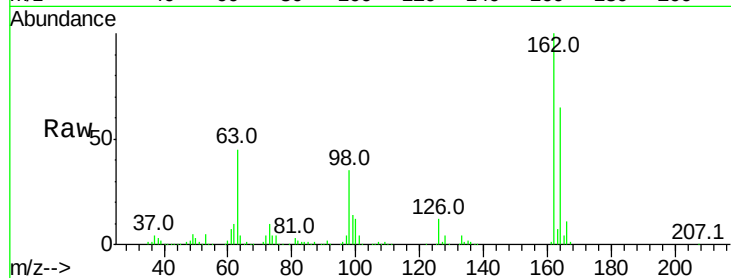
Tot Ion:162 Resp: 284821

Ion Ratio Lower Upper

162 100

164 65.0 42.7 82.7

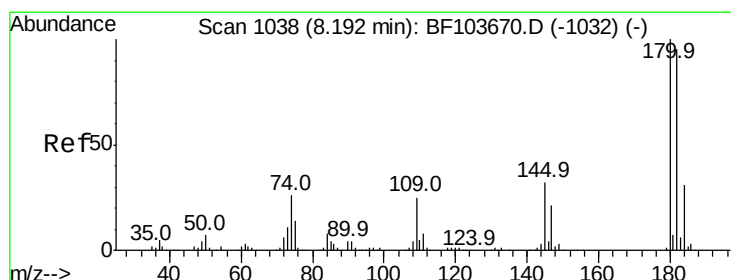
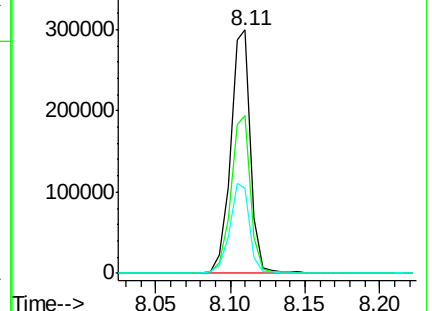
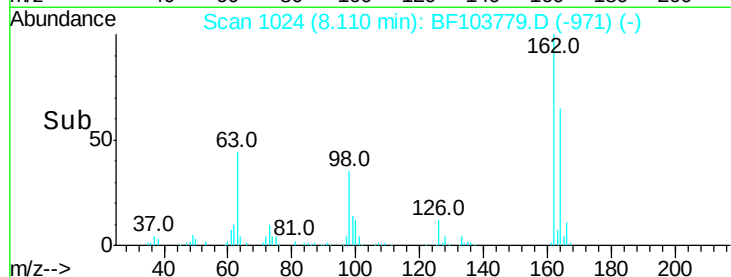
98 34.7 18.1 58.1



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: 32.388 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

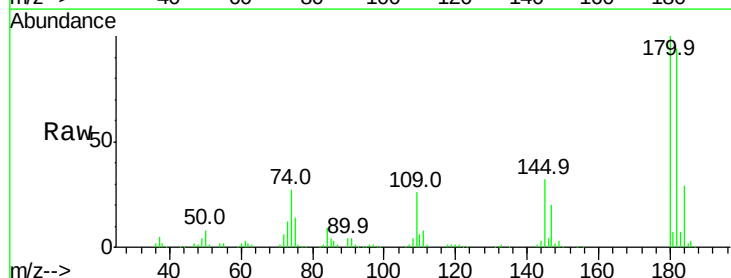
Tgt Ion:180 Resp: 291228

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

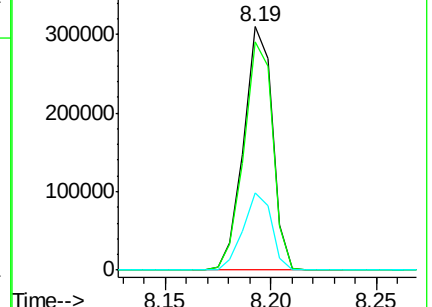
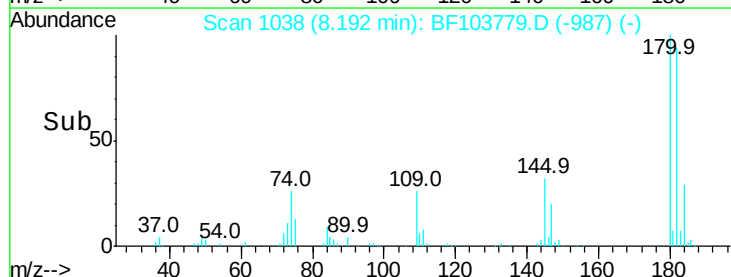
145 31.9 26.5 39.7

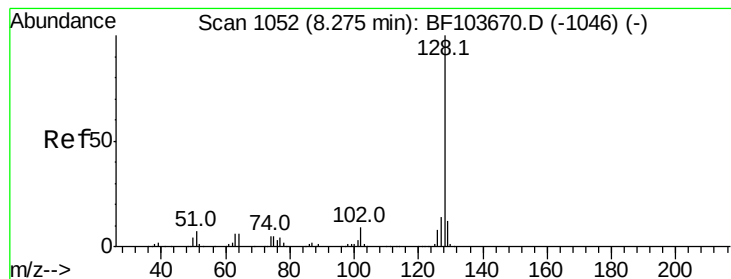


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.980 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampled :

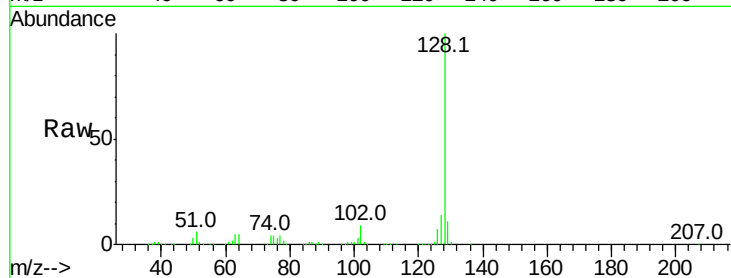
Tot Ion:128 Resp: 967978

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

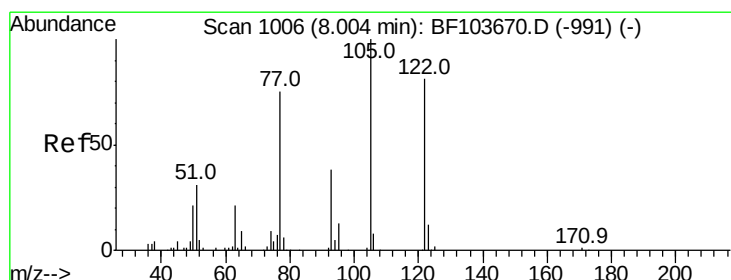
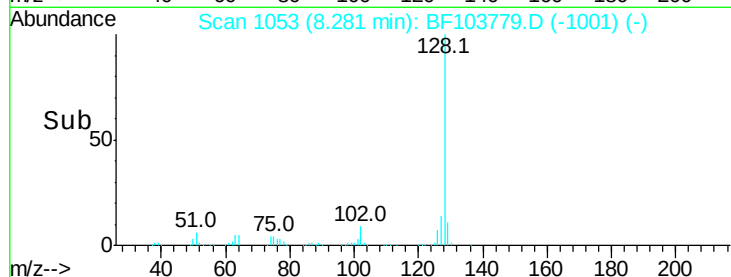
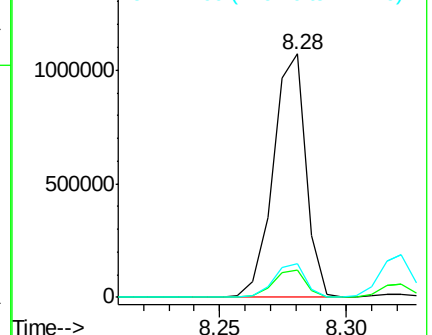
127 13.6 10.9 16.3



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: 13.356 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

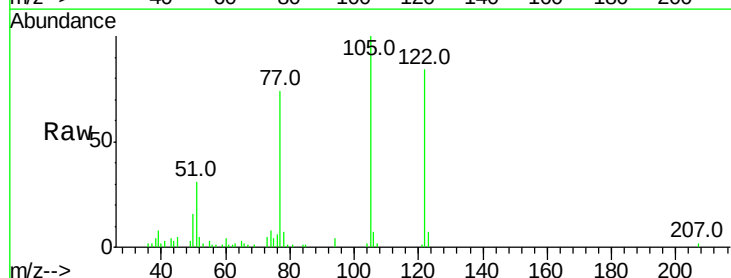
Tgt Ion:122 Resp: 26145

Ion Ratio Lower Upper

122 100

105 119.6 101.1 141.1

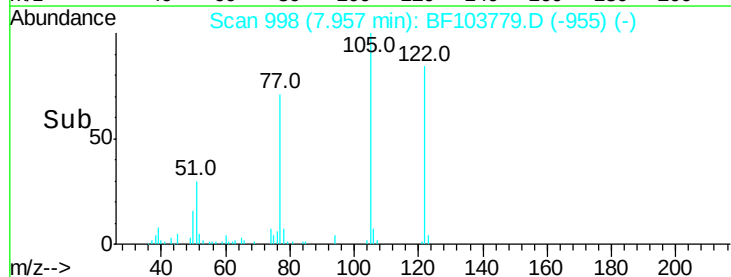
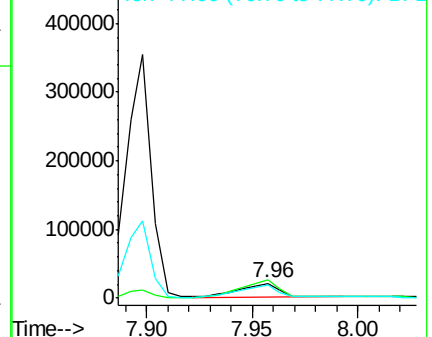
77 88.9 70.7 110.7

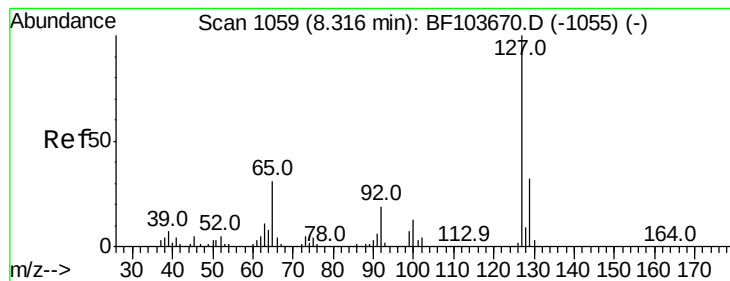


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.062 ng

RT: 8.32 min Scan# 1060

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 178572

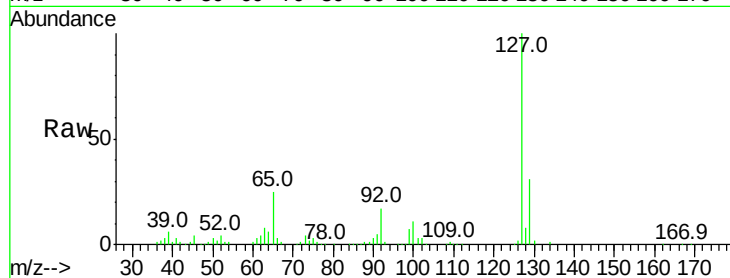
Ion Ratio Lower Upper

127 100

129 30.6 25.9 38.9

65 25.0 25.0 37.4

92 17.0 15.2 22.8

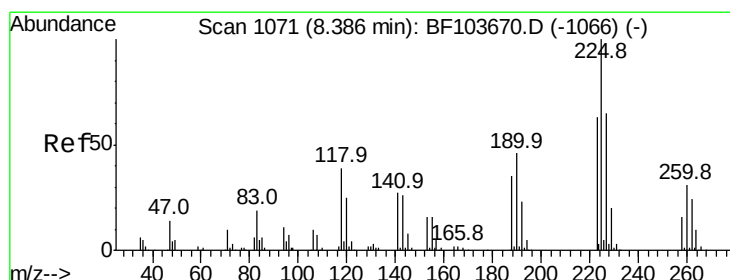
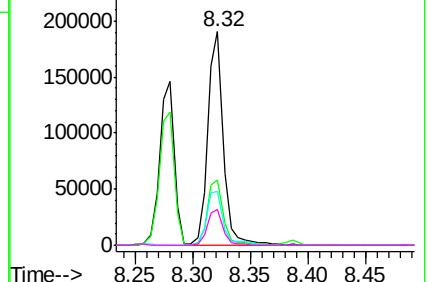
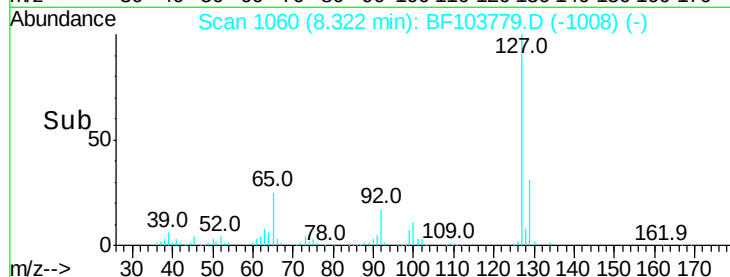


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 31.124 ng

RT: 8.39 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

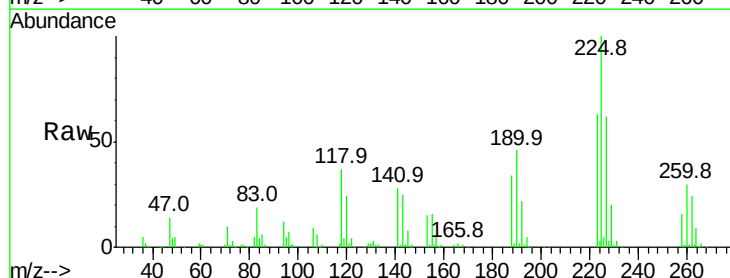
Tgt Ion:225 Resp: 153440

Ion Ratio Lower Upper

225 100

223 63.0 50.6 76.0

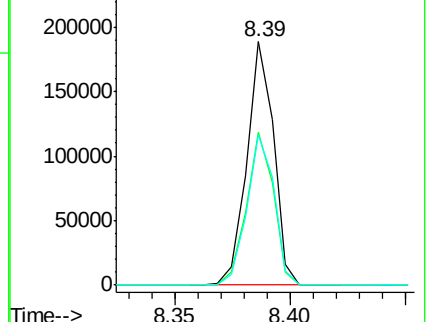
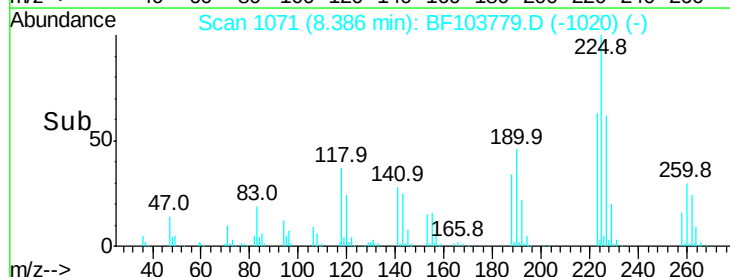
227 61.6 51.9 77.9

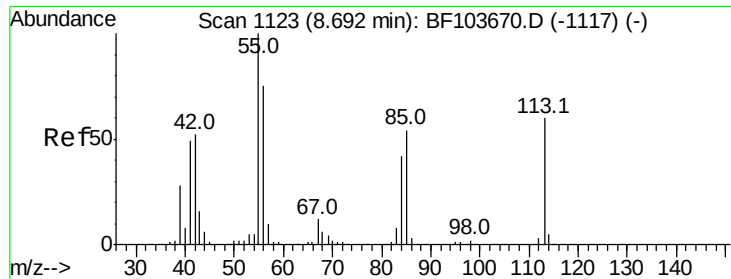


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.984 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

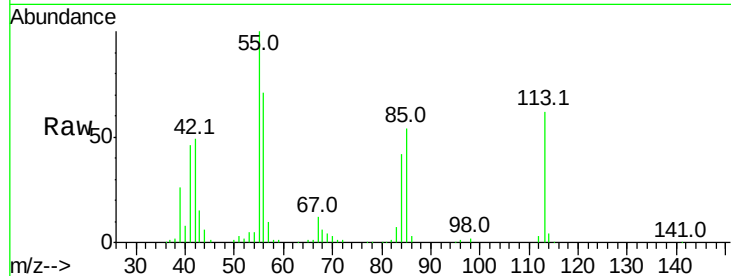
Tot Ion:113 Resp: 69366

Ion Ratio Lower Upper

113 100

55 161.9 163.3 203.3#

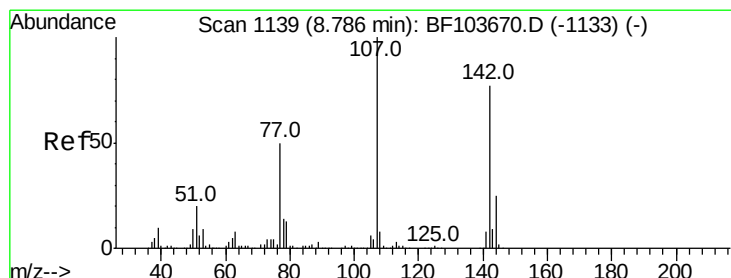
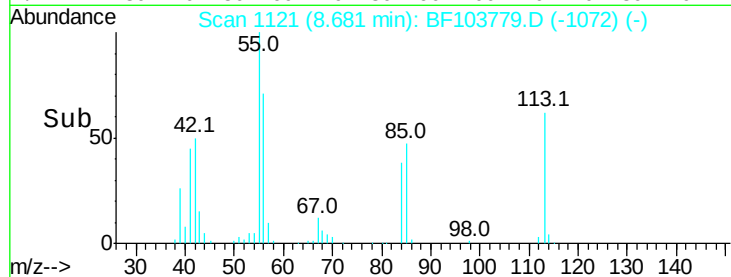
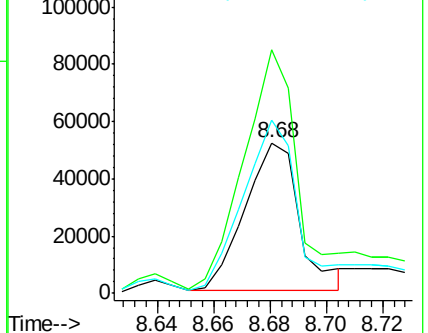
56 114.9 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 34.735 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

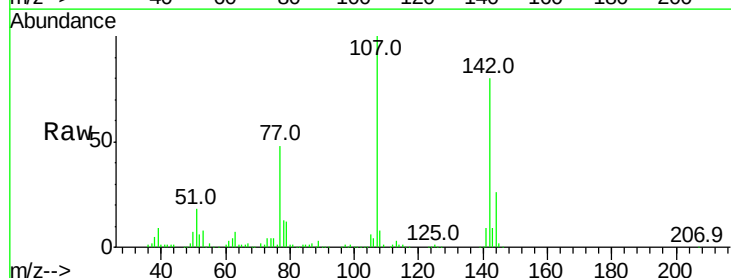
Tgt Ion:107 Resp: 296864

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

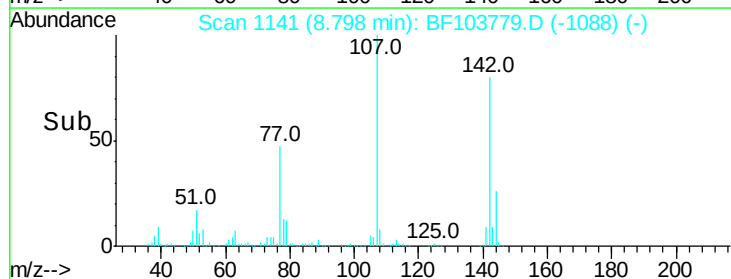
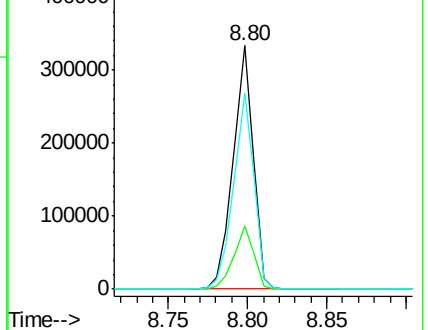
142 80.5 62.0 93.0

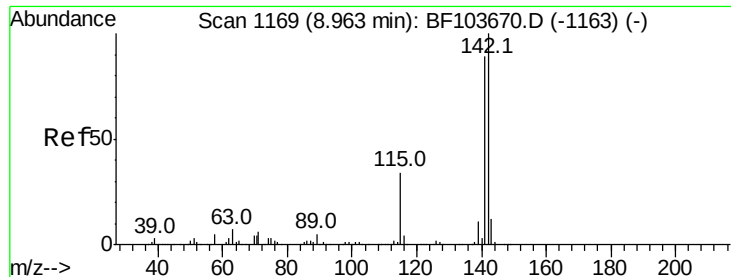


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 32.834 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.01 min

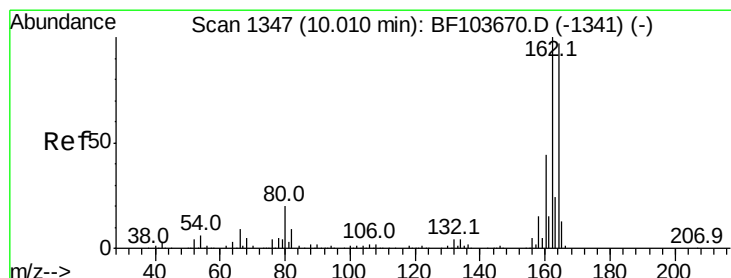
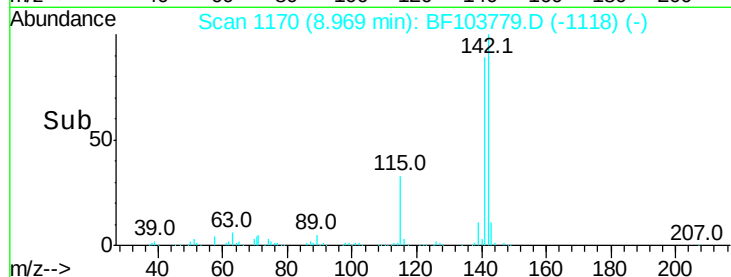
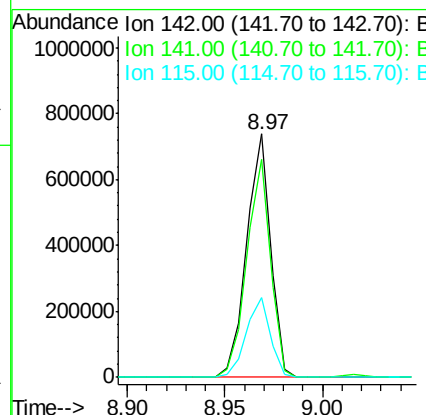
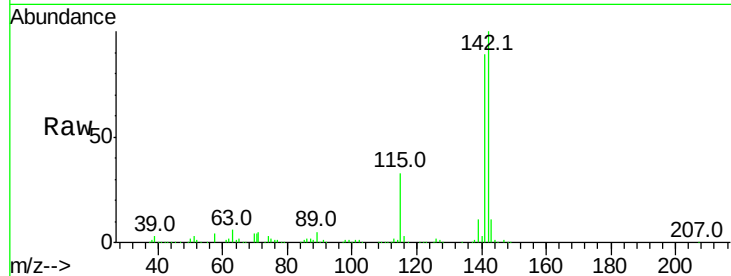
Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 630245

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.8	106.2
115	32.9	26.1	39.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1348

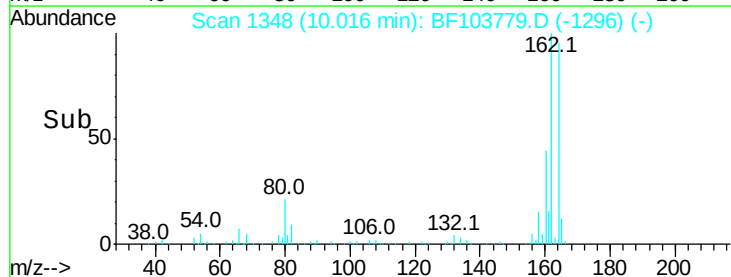
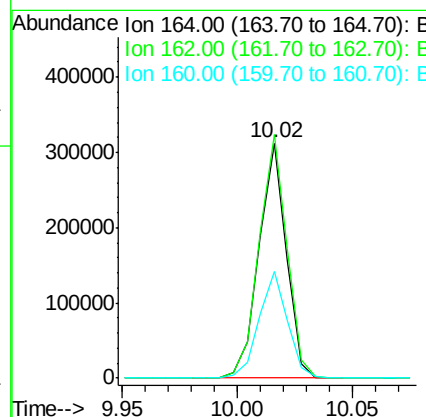
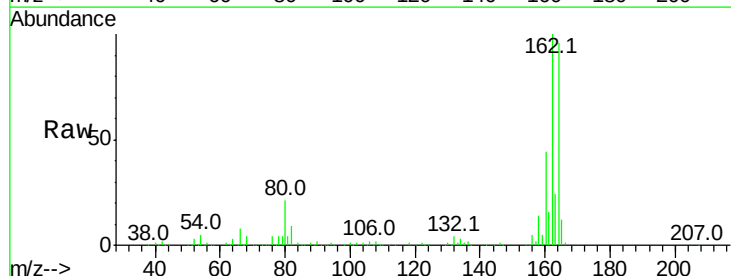
Delta R.T. 0.01 min

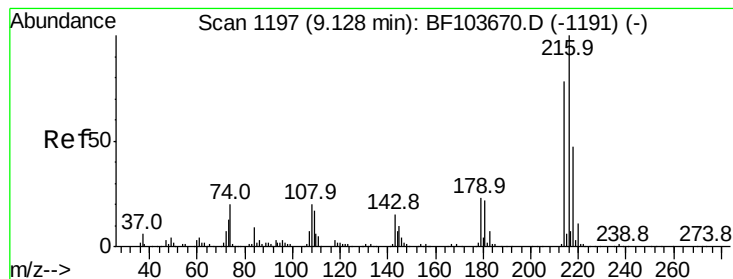
Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:164 Resp: 259446

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	45.4	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.910 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 258394

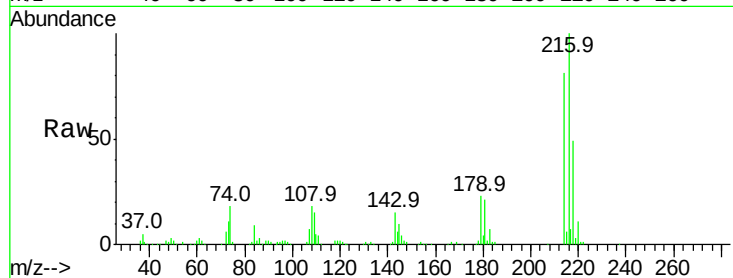
Ion Ratio Lower Upper

216 100

214 80.4 63.0 94.4

179 22.8 18.1 27.1

108 20.2 17.2 25.8

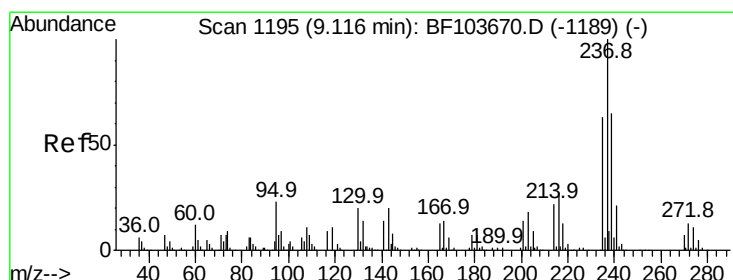
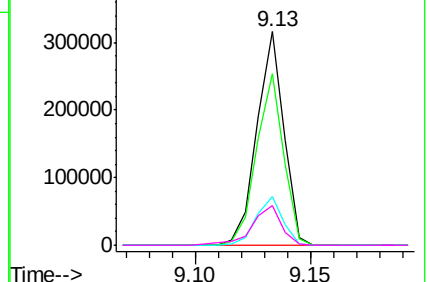
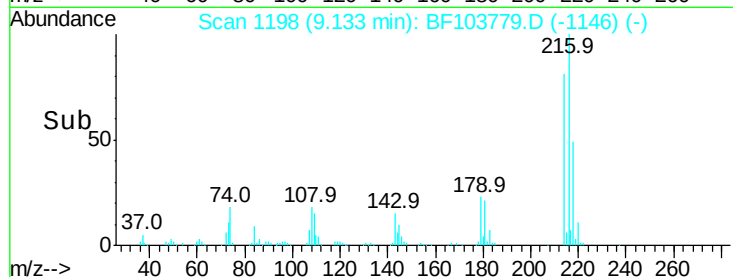


Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.647 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

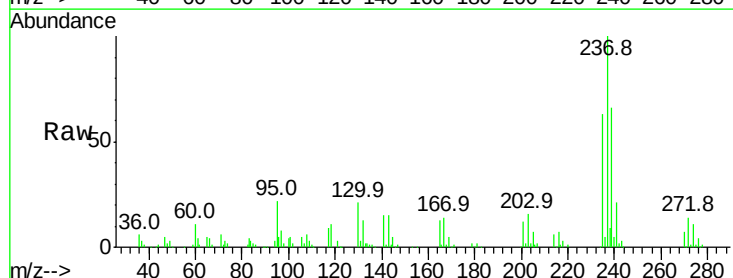
Tgt Ion:237 Resp: 101772

Ion Ratio Lower Upper

237 100

235 63.5 44.8 84.8

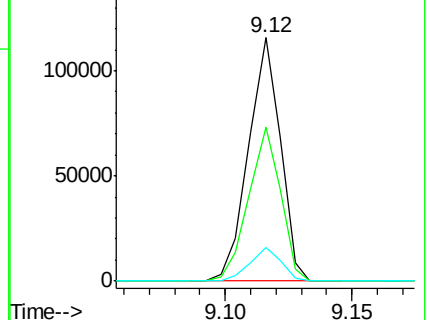
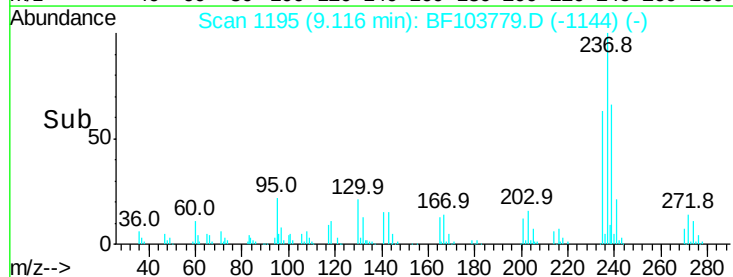
272 14.0 0.0 33.3

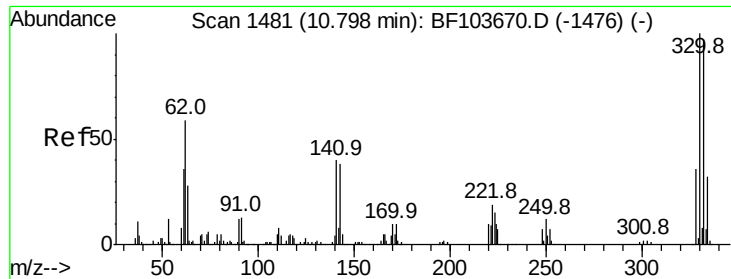


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

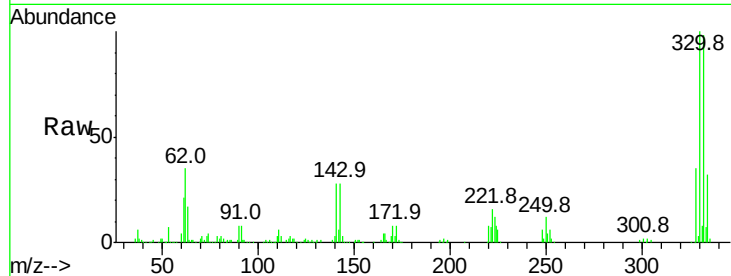




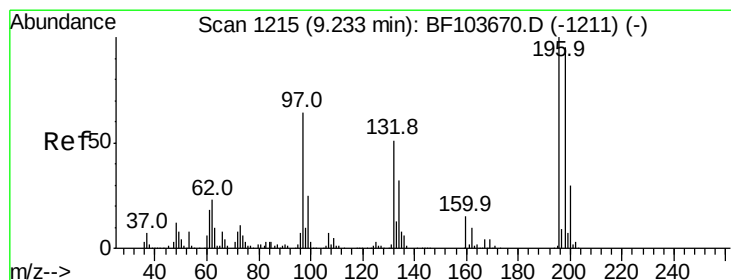
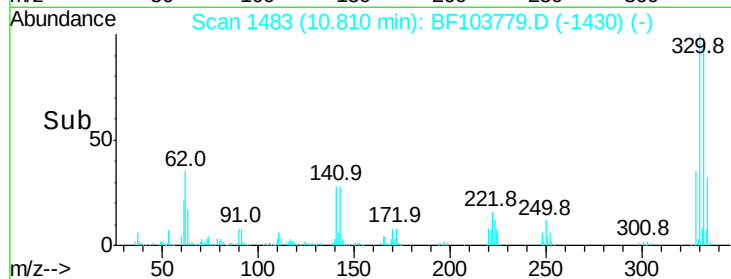
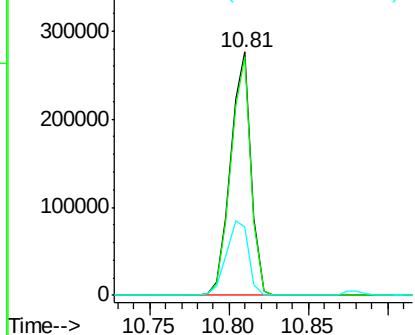
#41
 2,4,6-Tribromophenol
 Concen: 110.599 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	33.4	29.9	44.9

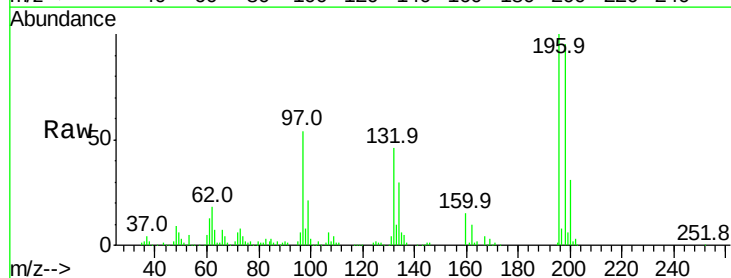


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

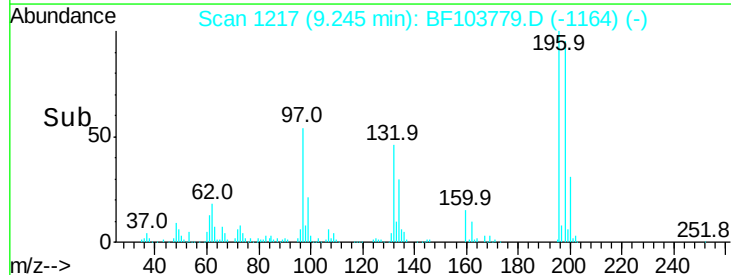
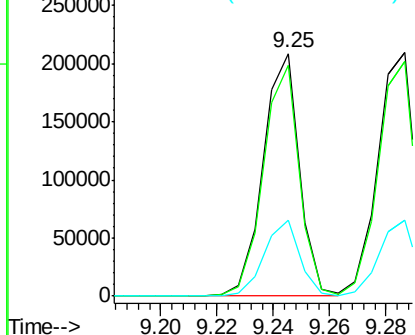


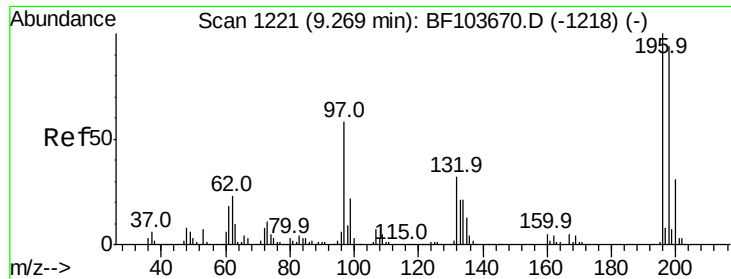
#42
 2,4,6-Trichlorophenol
 Concen: 39.143 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	31.4	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

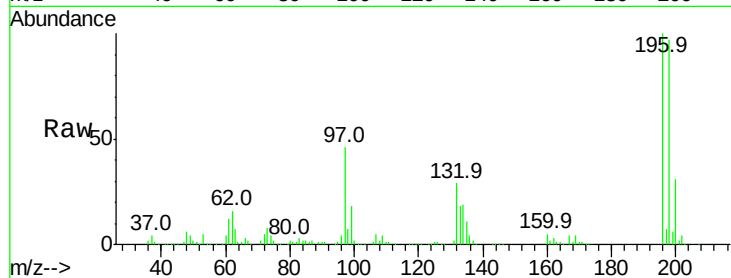




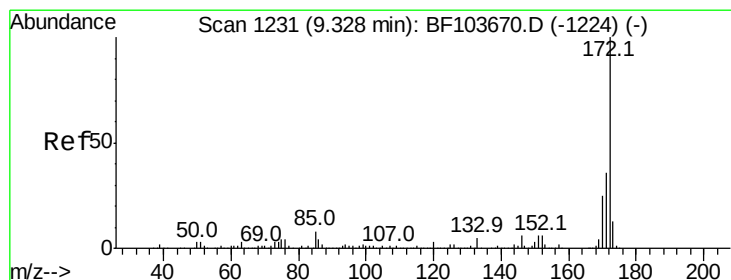
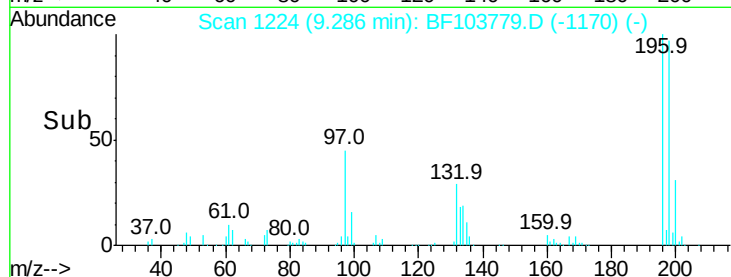
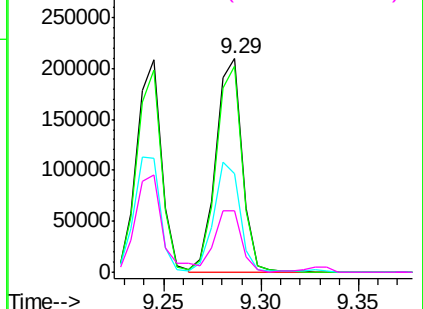
#43
 2,4,5-Trichlorophenol
 Concen: 36.723 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.02 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 196231
 Ion Ratio Lower Upper
 196 100
 198 96.6 74.6 112.0
 97 46.0 42.9 64.3
 132 28.8 26.3 39.5

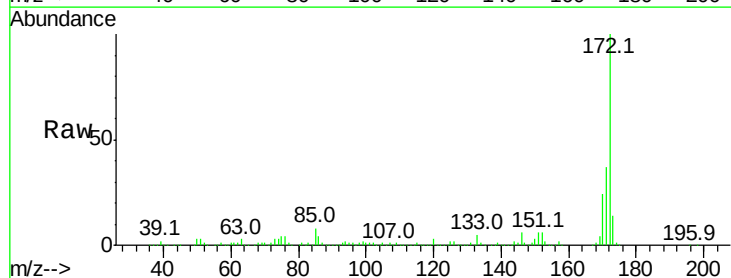


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

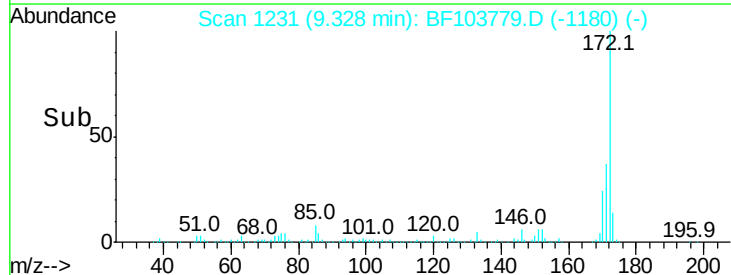
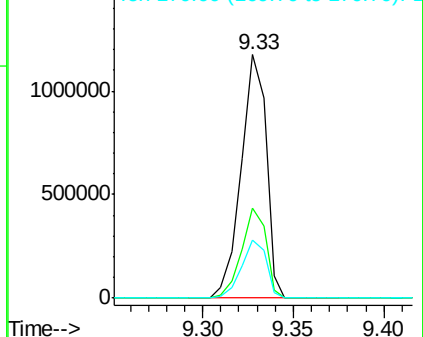


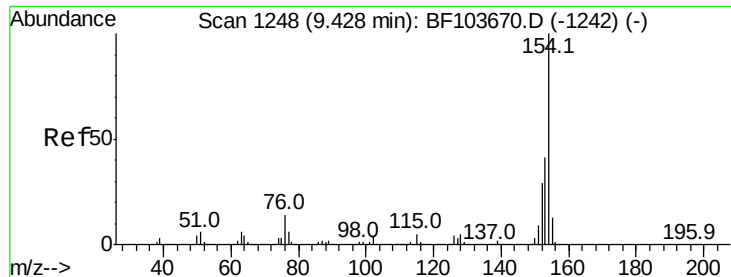
#44
 2-Fluorobiphenyl
 Concen: 69.624 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:172 Resp: 1132414
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.1 19.6 29.4



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





#45

1,1'-Biphenyl

Concen: 33.254 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

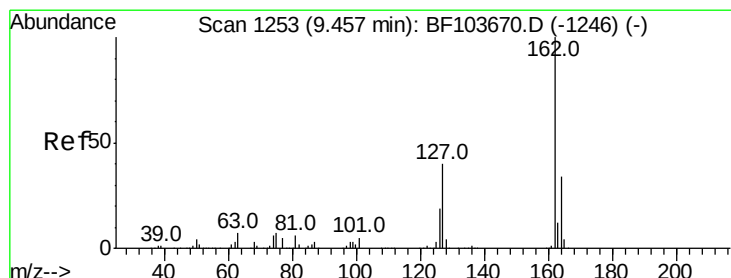
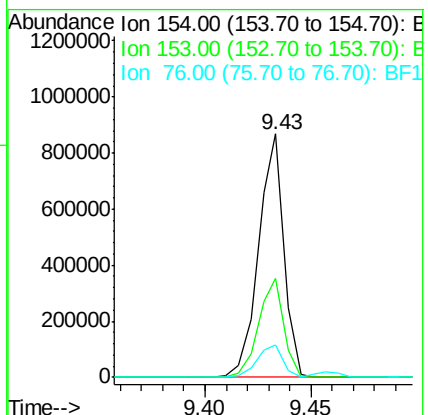
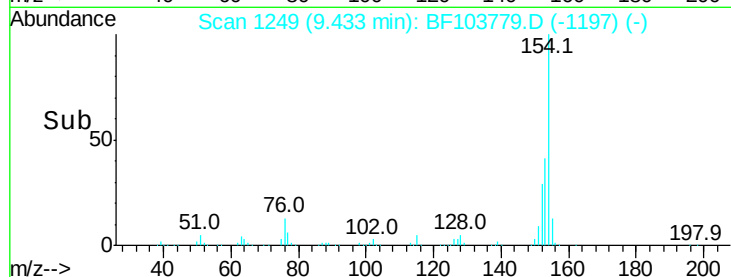
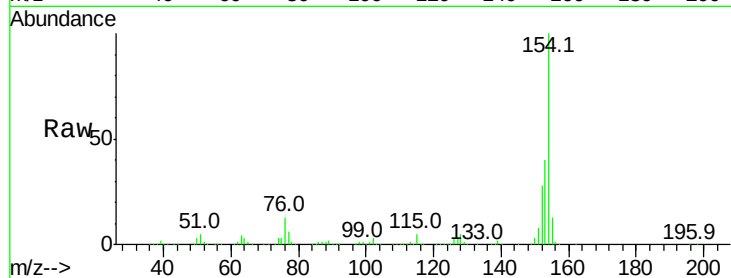
Tot Ion:154 Resp: 719420

Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

76 13.1 0.0 34.0



#46

2-Chloronaphthalene

Concen: 33.282 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

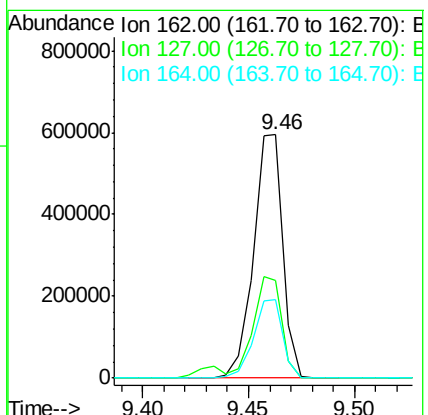
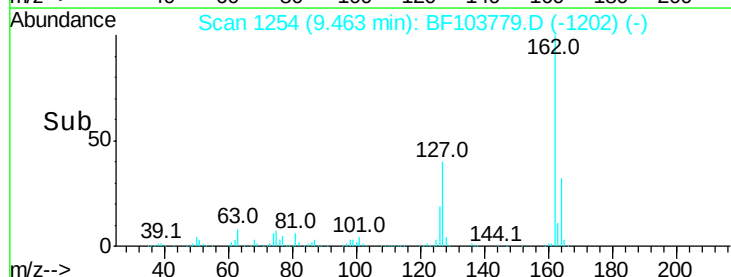
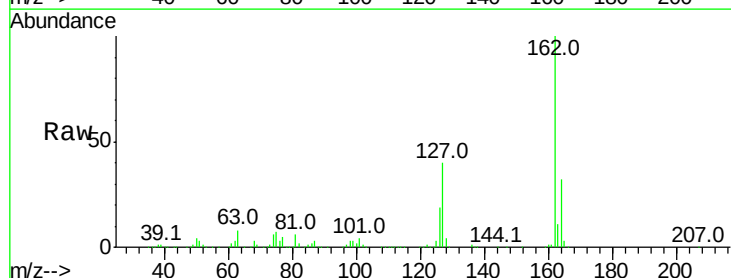
Tgt Ion:162 Resp: 571888

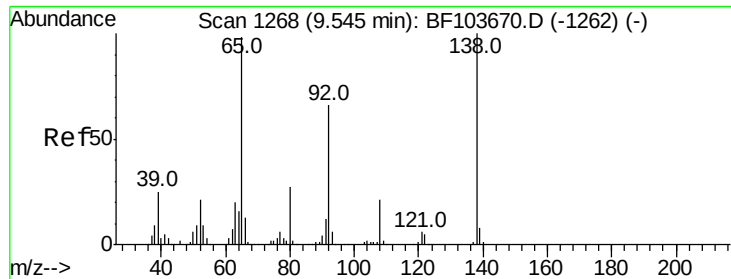
Ion Ratio Lower Upper

162 100

127 40.0 33.9 50.9

164 32.2 26.5 39.7





#47

2-Nitroaniline

Concen: 40.661 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

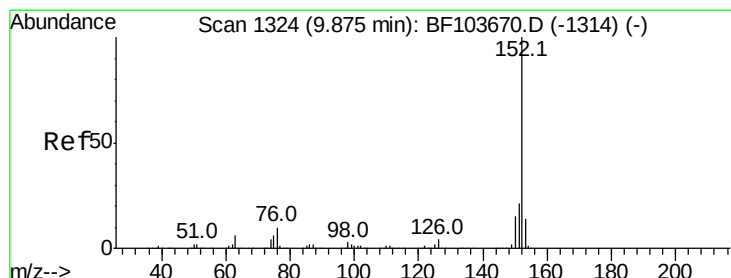
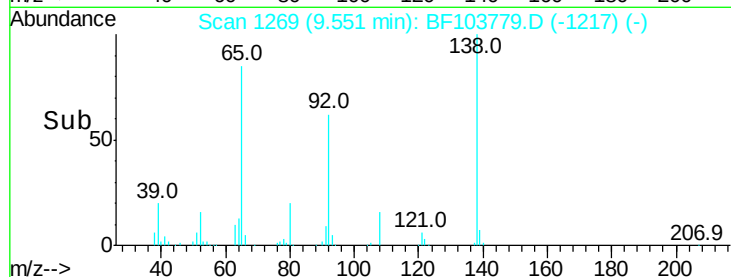
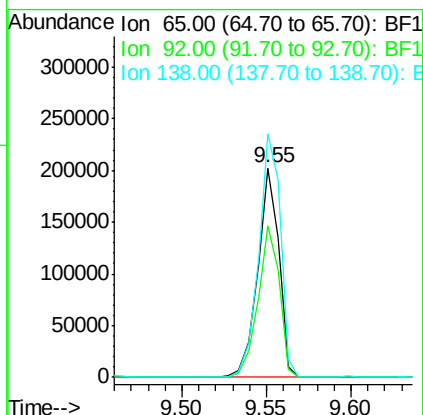
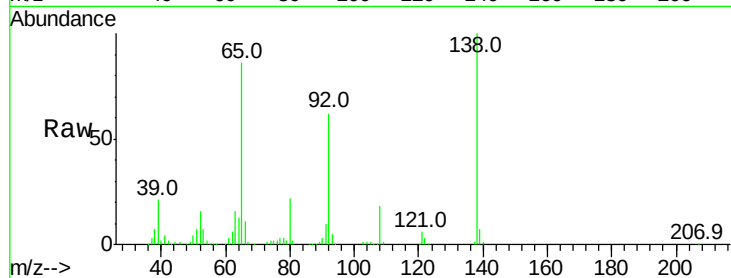
Tot Ion: 65 Resp: 177318

Ion Ratio Lower Upper

65 100

92 72.5 55.8 83.6

138 116.2 91.2 136.8



#48

Acenaphthylene

Concen: 32.126 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

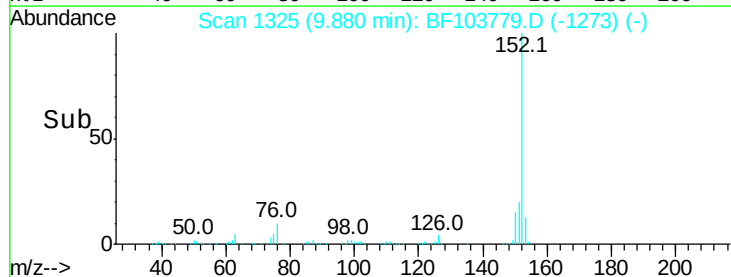
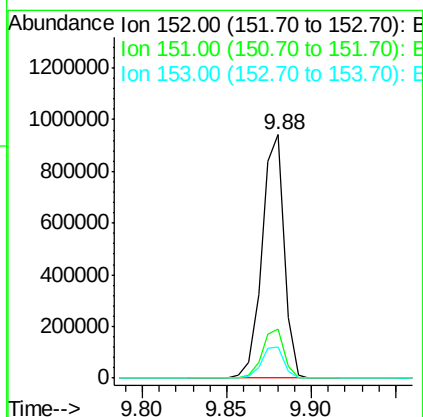
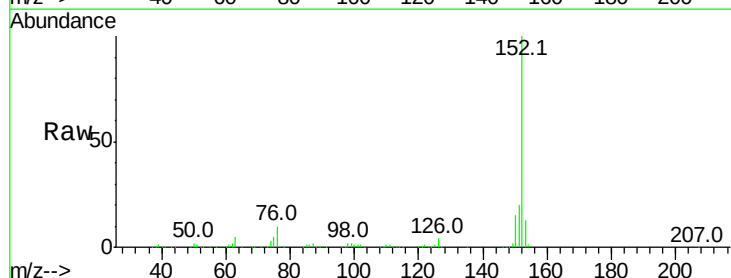
Tgt Ion: 152 Resp: 855999

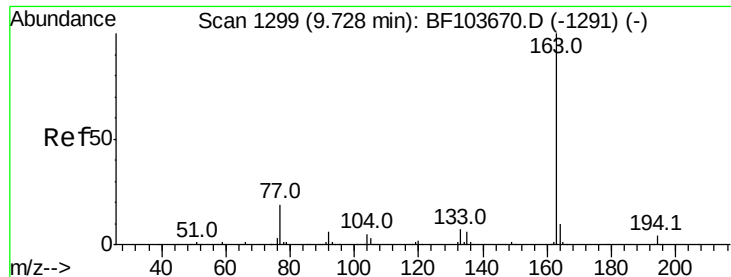
Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 40.210 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

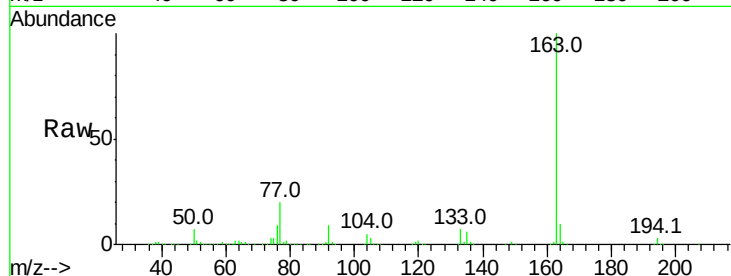
Tot Ion:163 Resp: 795923

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

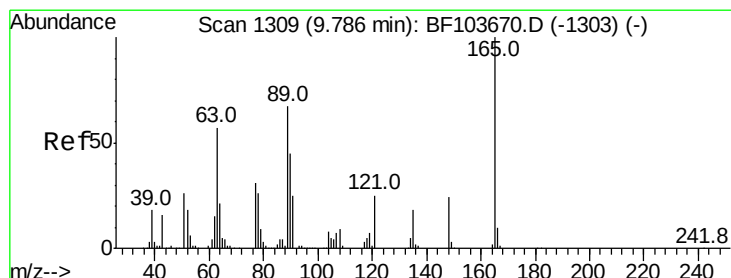
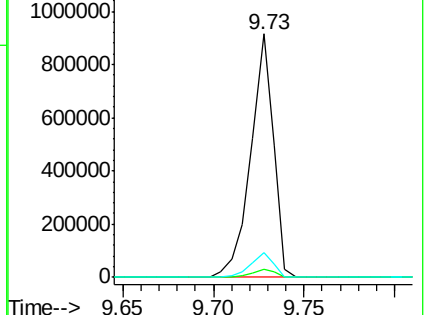
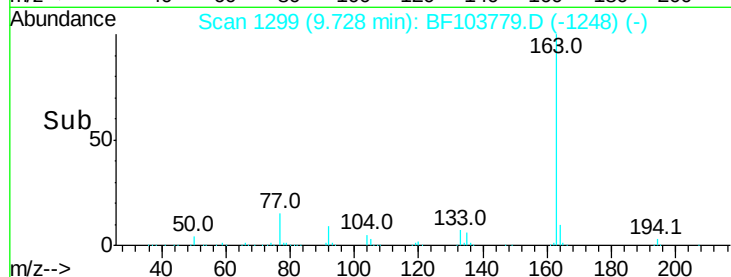
164 10.4 8.2 12.2



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: 39.049 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

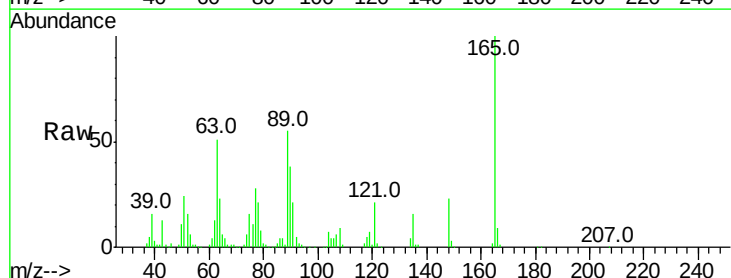
Tgt Ion:165 Resp: 146423

Ion Ratio Lower Upper

165 100

63 51.5 44.7 67.1

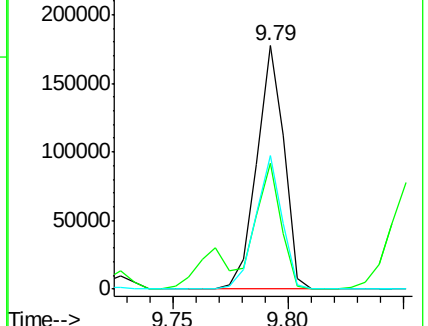
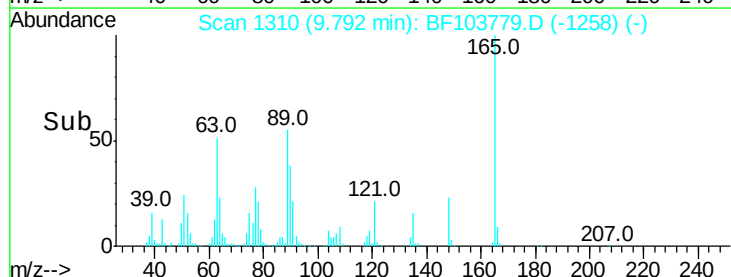
89 54.8 44.0 66.0

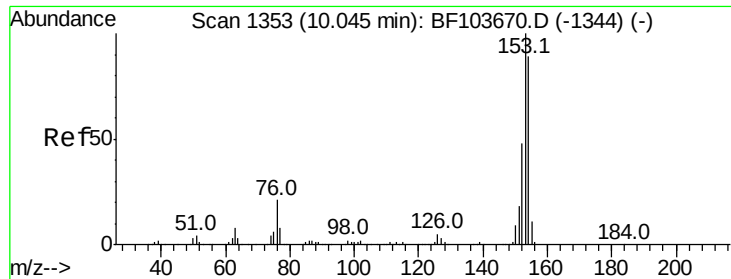


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

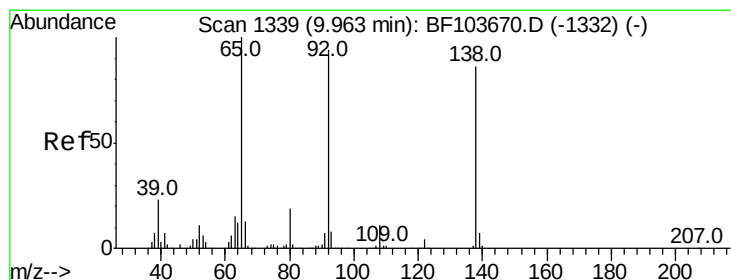
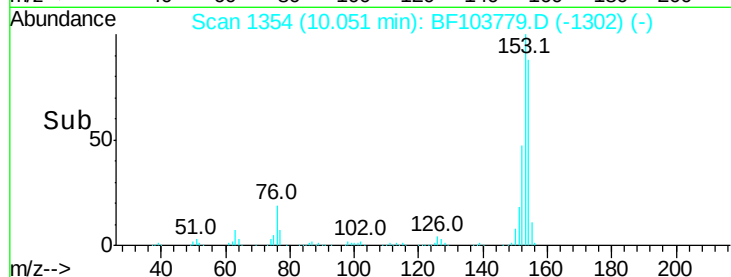
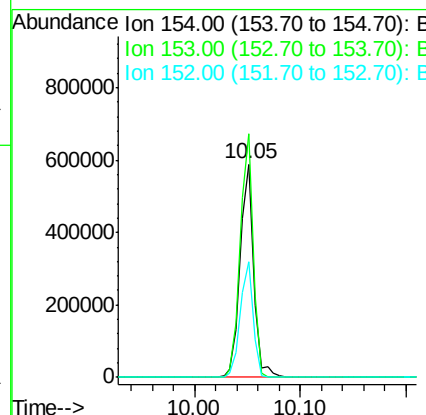
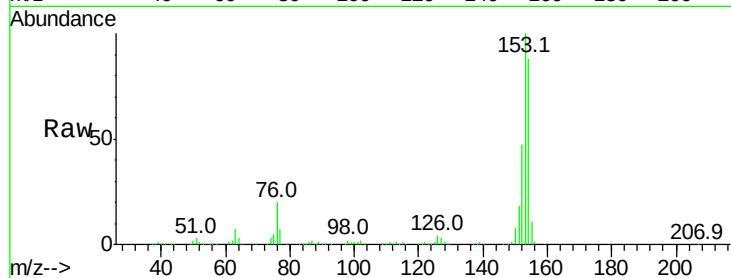




#51
Acenaphthene
Concen: 32.626 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

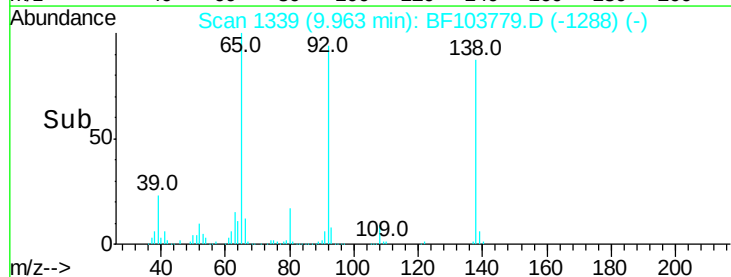
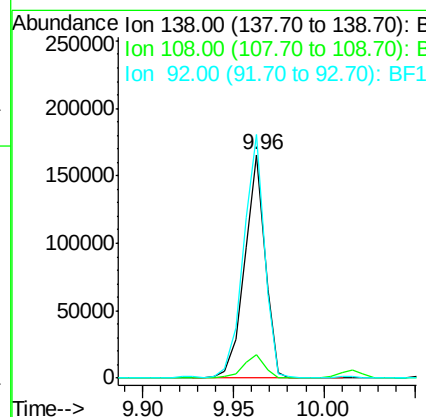
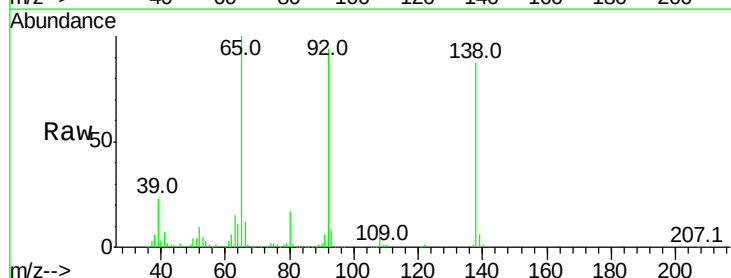
Instrument :
BNA_F
ClientSampleId :

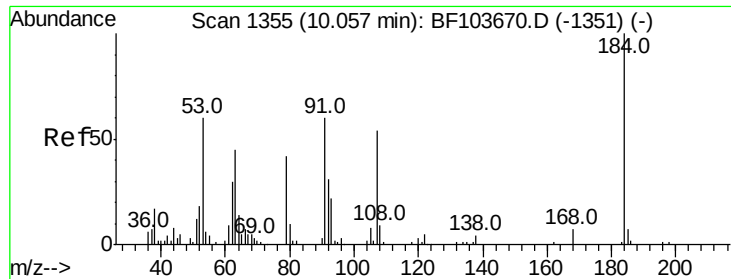
Tot Ion:154 Resp: 516194
Ion Ratio Lower Upper
154 100
153 114.1 91.2 136.8
152 54.1 43.8 65.8



#52
3-Nitroaniline
Concen: 29.969 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion:138 Resp: 130388
Ion Ratio Lower Upper
138 100
108 10.6 9.4 14.0
92 109.1 89.4 134.2

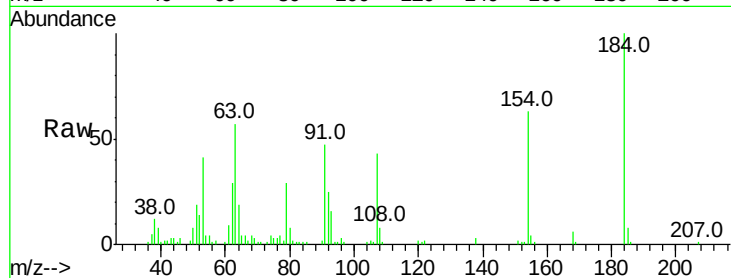




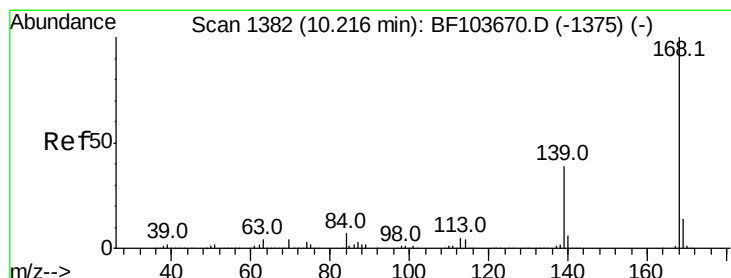
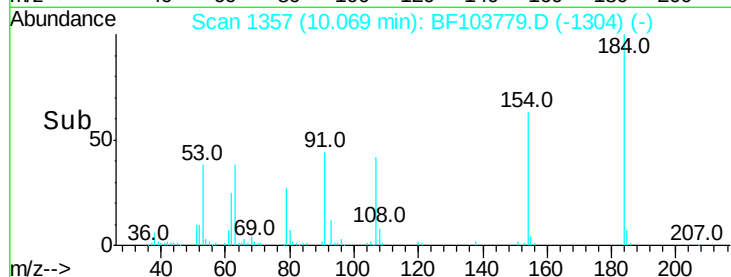
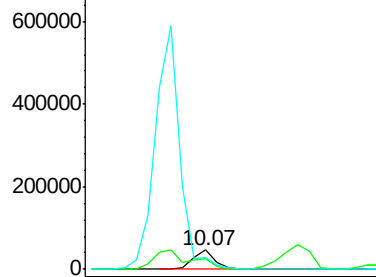
#53
 2,4-Dinitrophenol
 Concen: 46.505 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 36813
 Ion Ratio Lower Upper
 184 100
 63 56.5 54.2 81.2
 154 62.8 184.0 276.0#

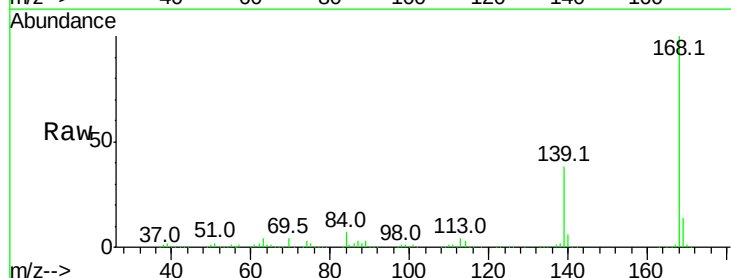


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

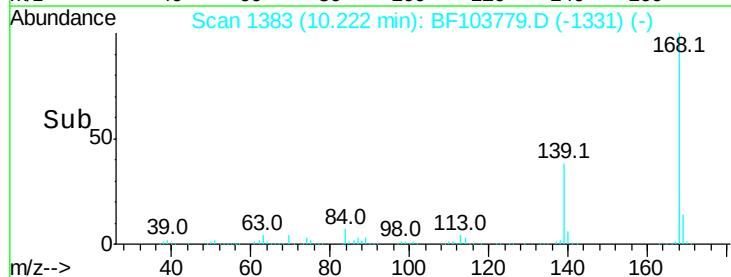
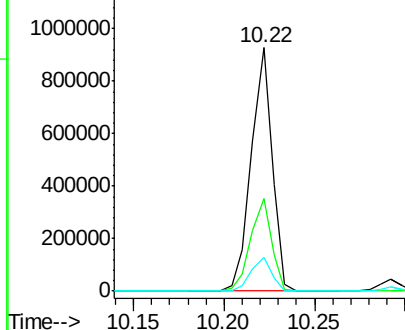


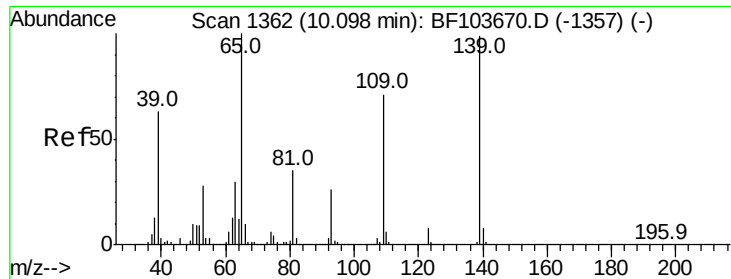
#54
 Dibenzofuran
 Concen: 33.132 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:168 Resp: 748668
 Ion Ratio Lower Upper
 168 100
 139 38.2 30.1 45.1
 169 13.8 10.9 16.3



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

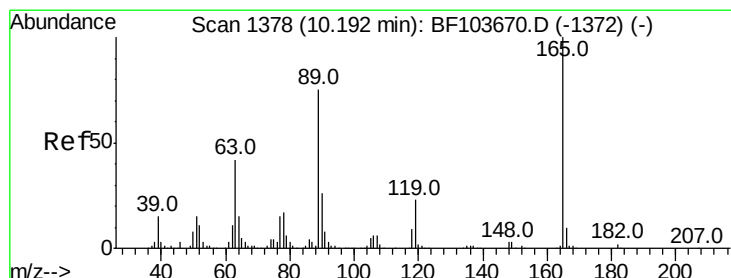
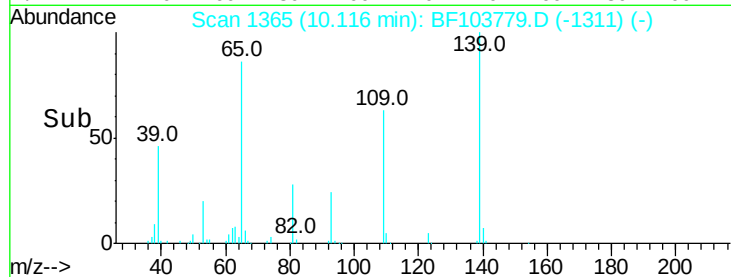
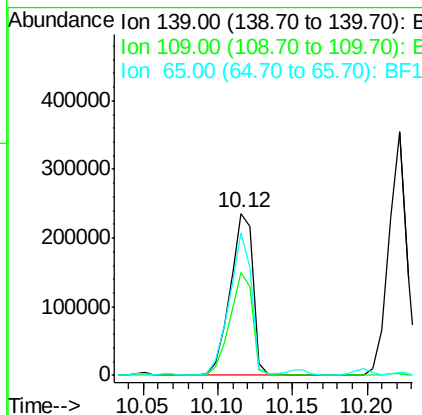
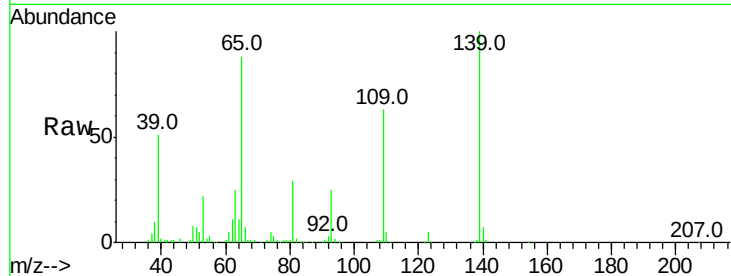




#55
4-Nitrophenol
Concen: 71.253 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

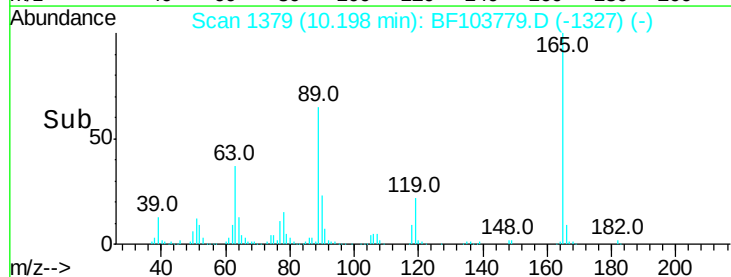
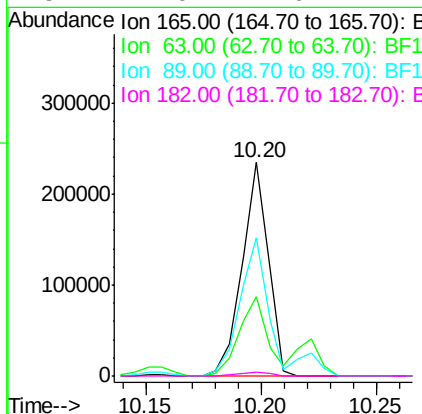
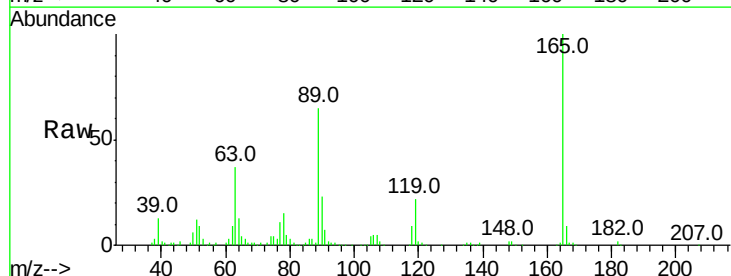
Instrument :
BNA_F
ClientSampleId :

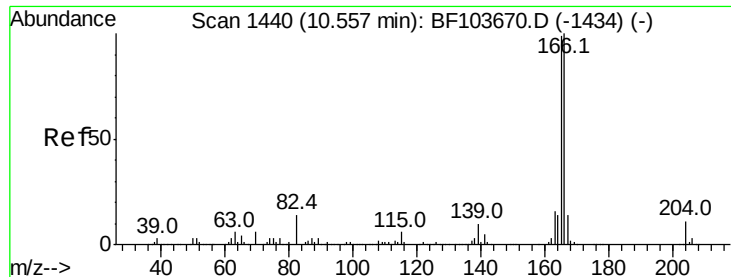
Tot Ion:139 Resp: 256120
Ion Ratio Lower Upper
139 100
109 63.4 48.4 88.4
65 88.3 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 39.733 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion:165 Resp: 186783
Ion Ratio Lower Upper
165 100
63 37.0 36.4 54.6
89 64.7 57.8 86.6
182 2.0 1.6 2.4

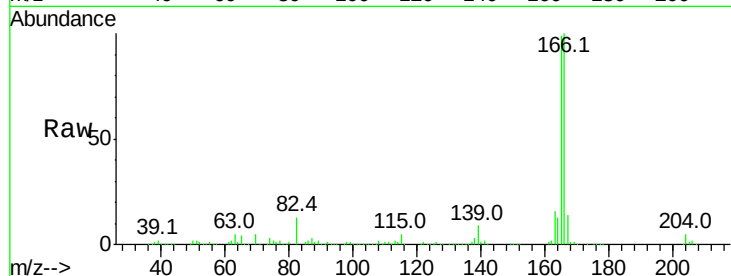




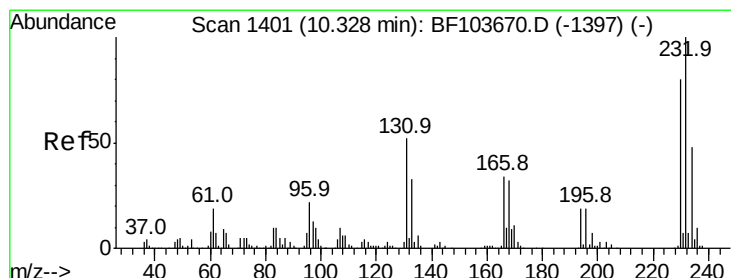
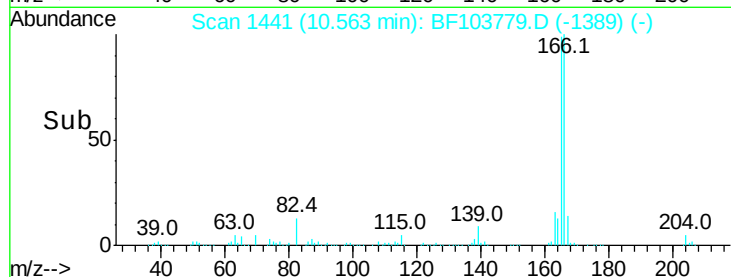
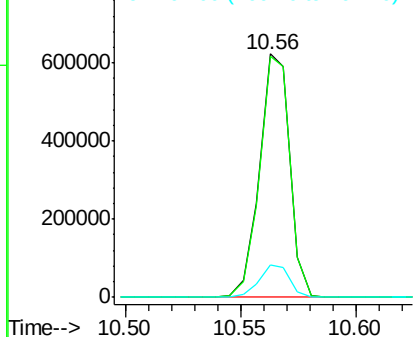
#57
 Fluorene
 Concen: 32.364 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 567469
 Ion Ratio Lower Upper
 166 100
 165 98.9 79.8 119.8
 167 13.5 10.6 16.0



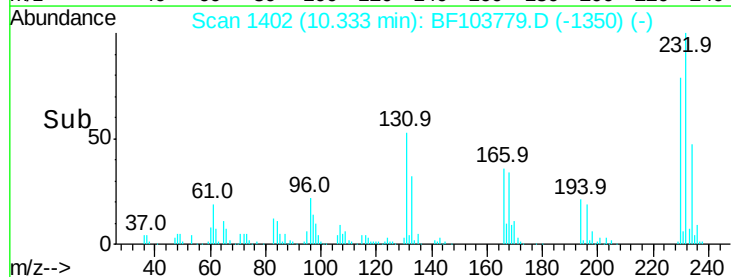
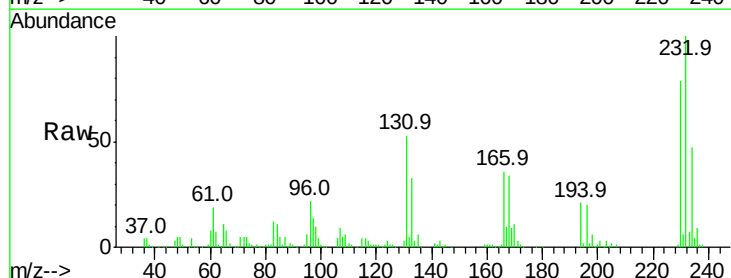
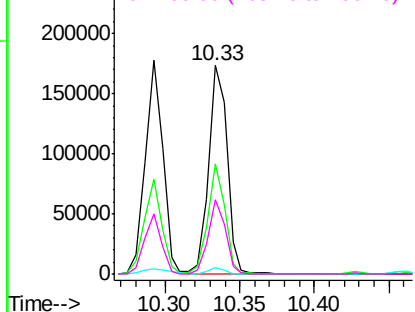
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

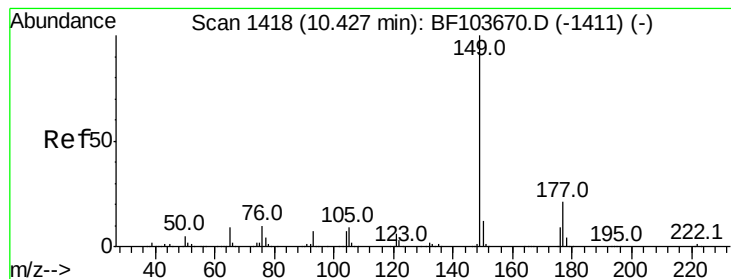


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.232 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:232 Resp: 148547
 Ion Ratio Lower Upper
 232 100
 131 48.9 43.8 65.8
 130 2.4 2.1 3.1
 166 33.2 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.085 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampled :

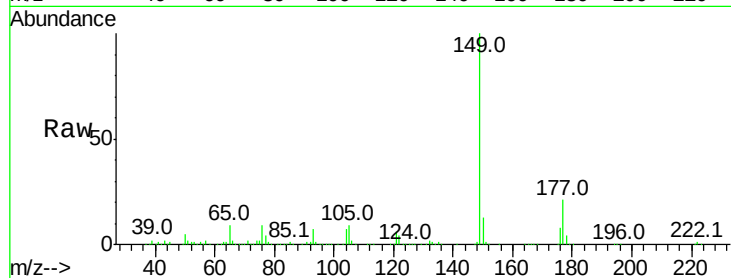
Tot Ion:149 Resp: 649999

Ion Ratio Lower Upper

149 100

177 21.3 16.1 24.1

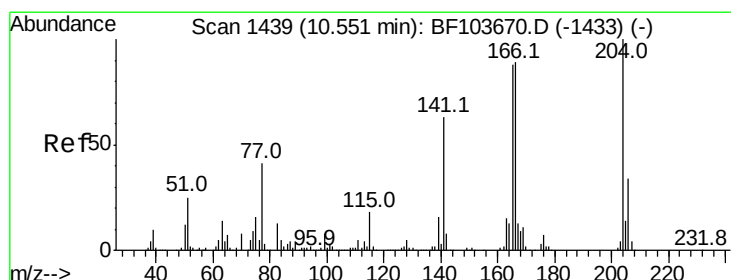
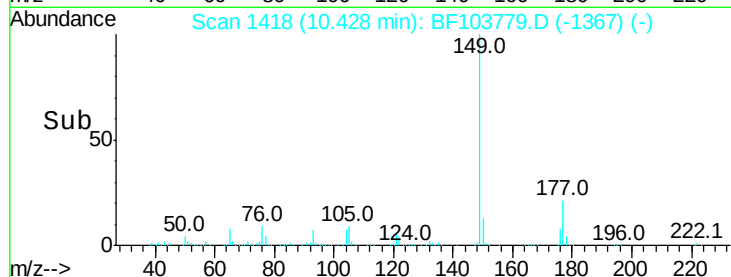
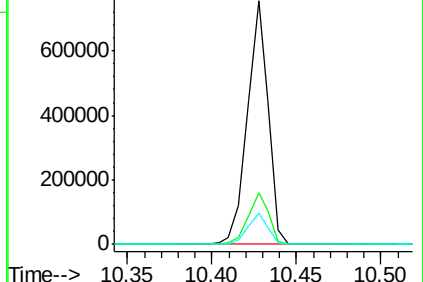
150 12.9 10.1 15.1



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: 33.522 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

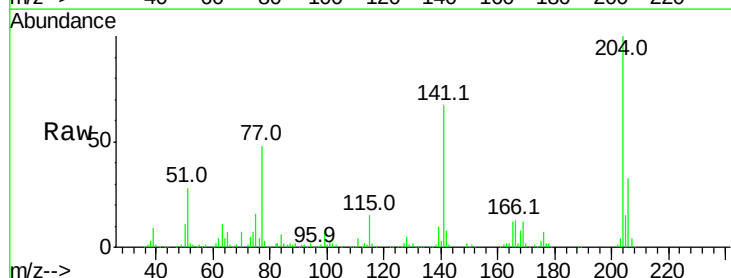
Tgt Ion:204 Resp: 268626

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

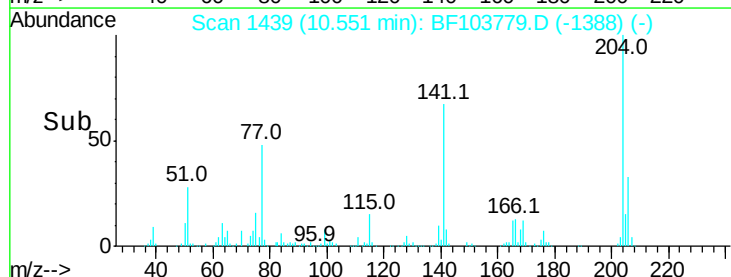
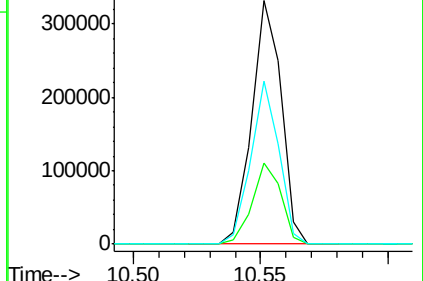
141 67.0 54.6 81.8

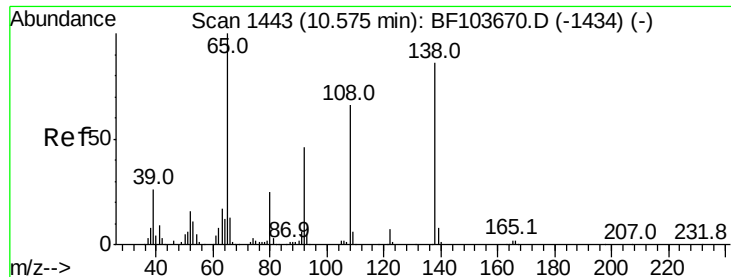


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

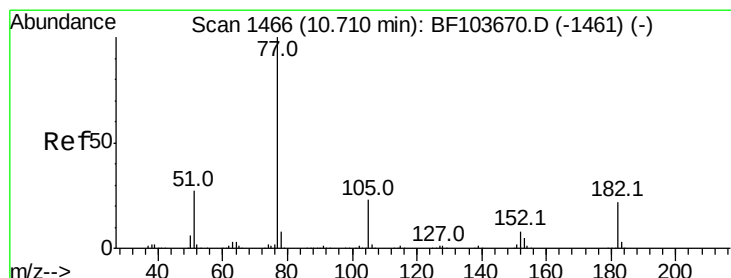
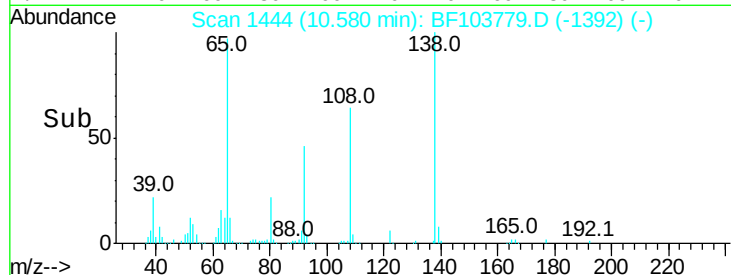
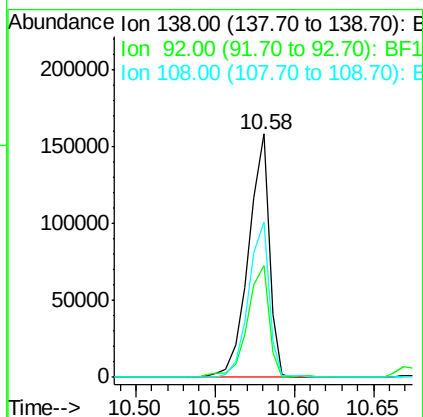
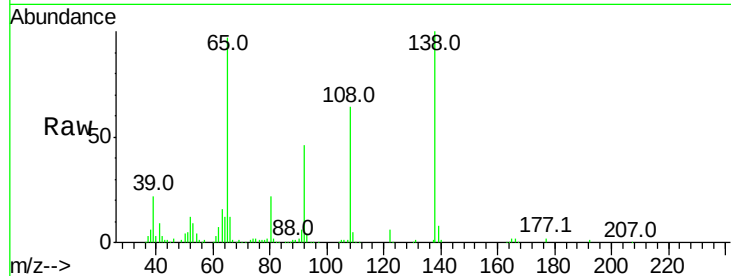




#61
4-Nitroaniline
Concen: 33.854 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

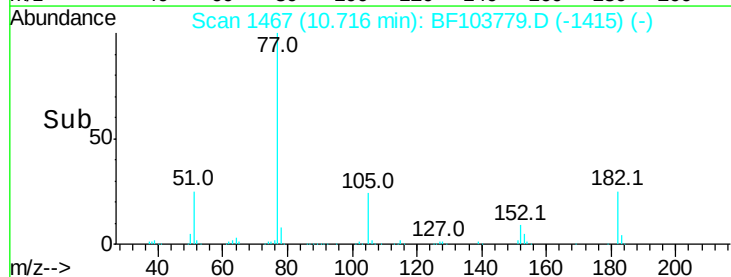
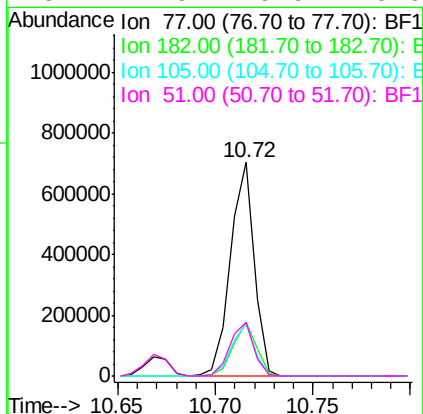
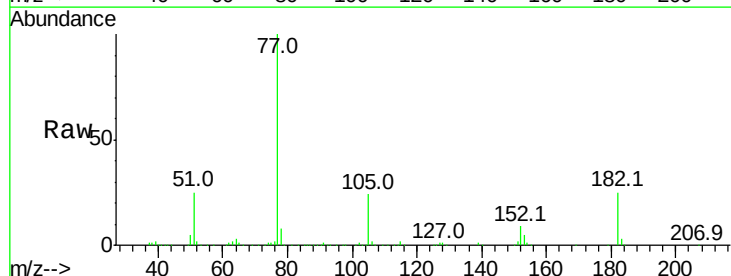
Instrument :
BNA_F
ClientSampleId :

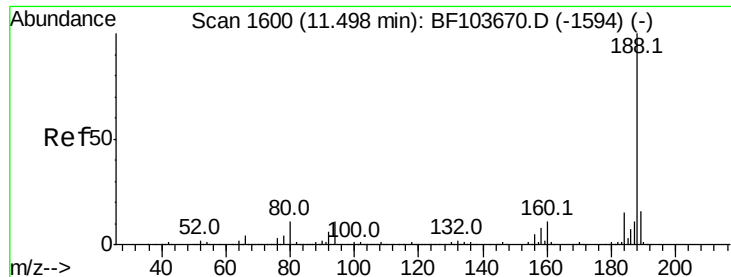
Tot Ion:138 Resp: 144232
Ion Ratio Lower Upper
138 100
92 45.8 30.2 70.2
108 63.8 52.5 92.5



#62
Azobenzene
Concen: 29.691 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion: 77 Resp: 593055
Ion Ratio Lower Upper
77 100
182 25.4 1.7 41.7
105 24.3 3.0 43.0
51 24.9 9.9 49.9

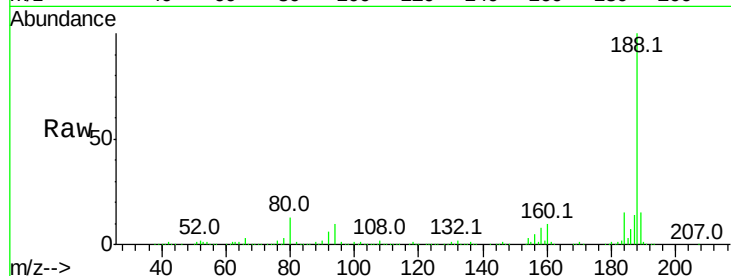




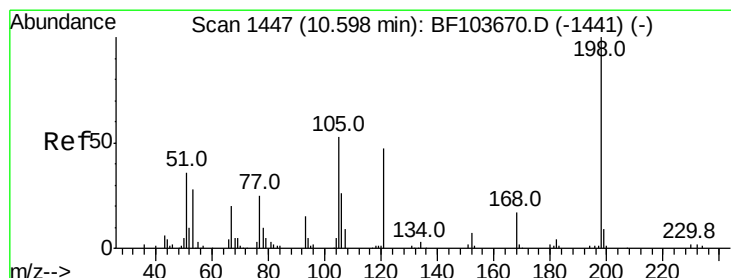
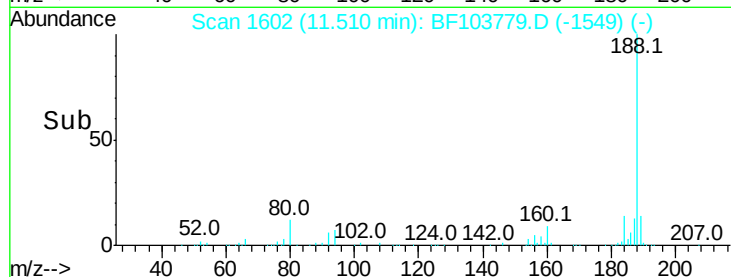
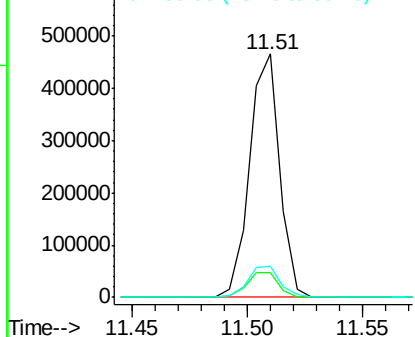
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 423139
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 12.6 9.2 13.8

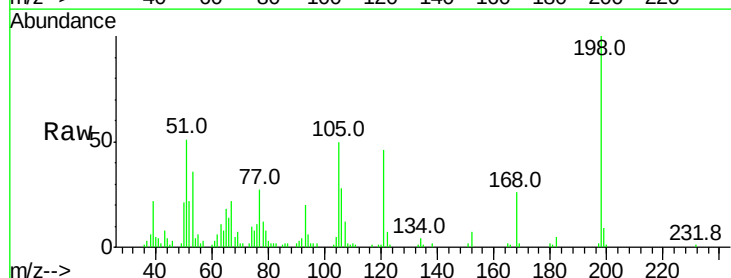


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

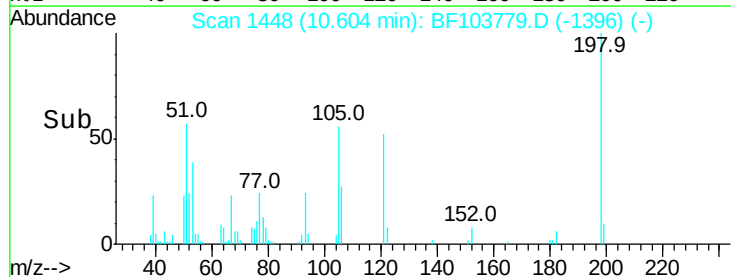
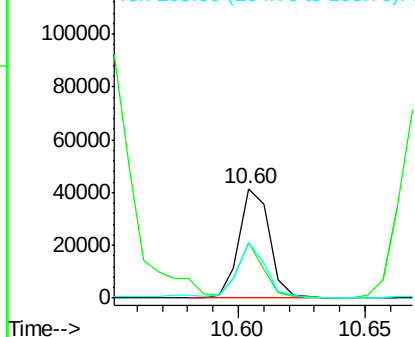


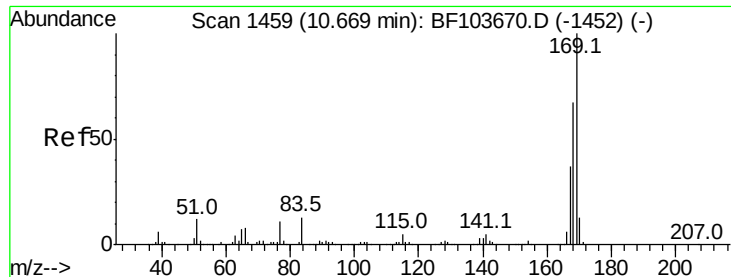
#64
4,6-Dinitro-2-methylphenol
Concen: 29.052 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion:198 Resp: 34514
Ion Ratio Lower Upper
198 100
51 51.0 37.7 77.7
105 50.5 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 36.133 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

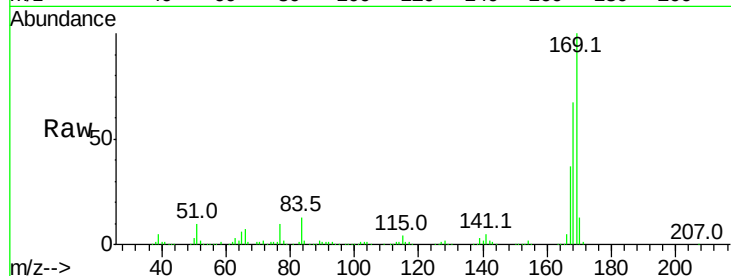
Tot Ion:169 Resp: 520423

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

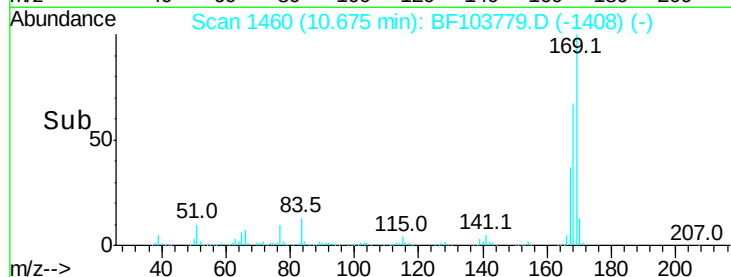
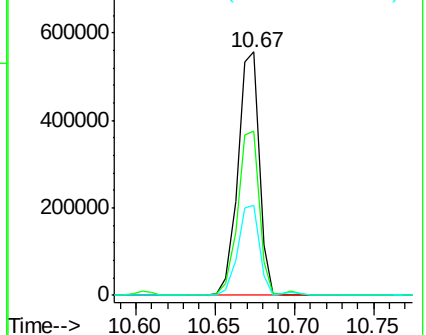
167 36.8 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.592 ng

RT: 11.05 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

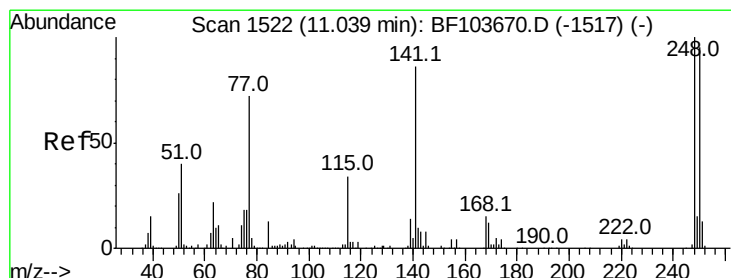
Tgt Ion:248 Resp: 158973

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

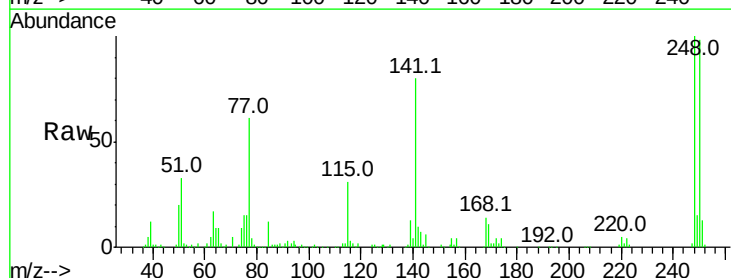
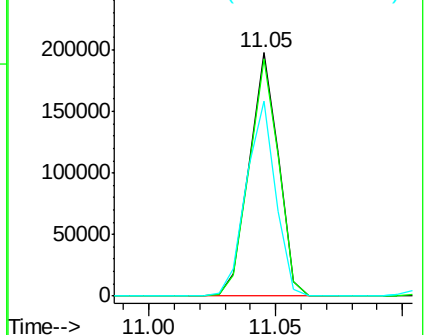
141 79.8 74.4 111.6

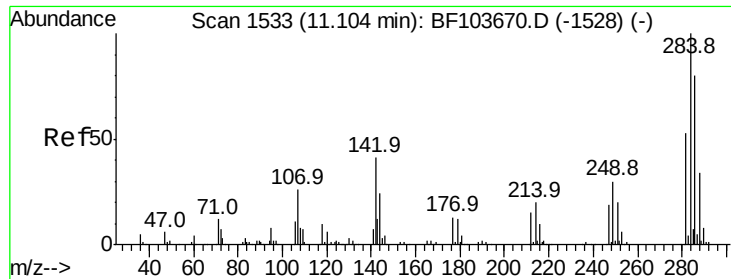


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

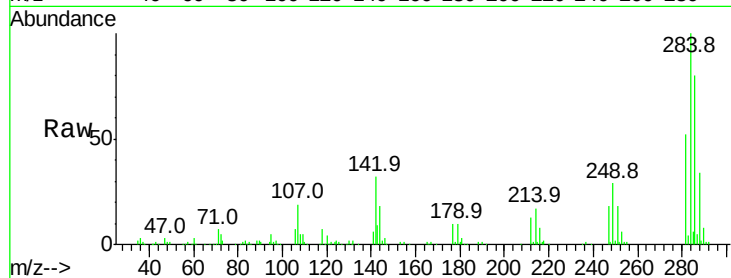




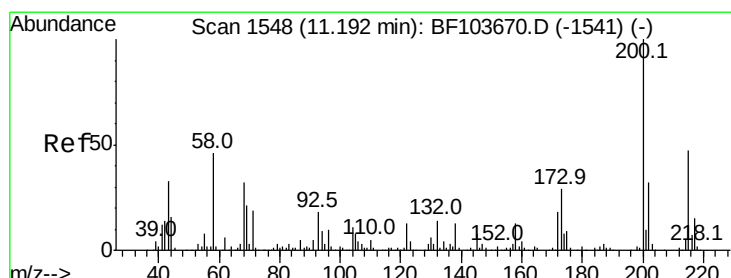
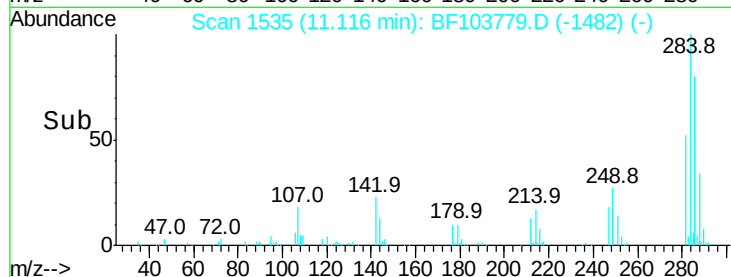
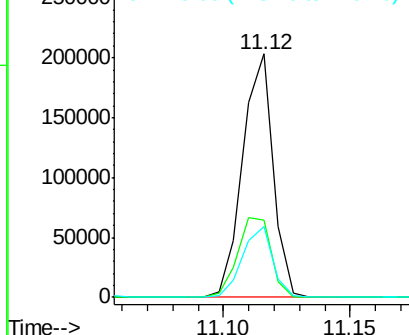
#67
Hexachlorobenzene
Concen: 34.306 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 170109
Ion Ratio Lower Upper
284 100
142 31.7 34.6 52.0#
249 29.1 24.8 37.2

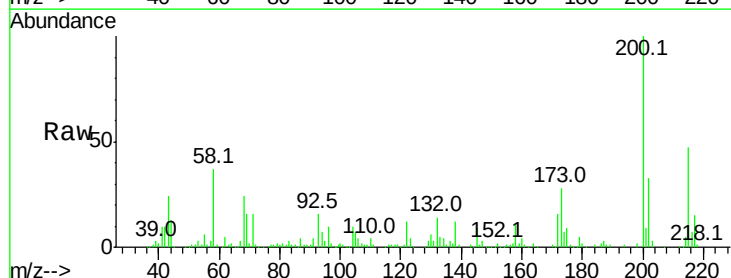


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

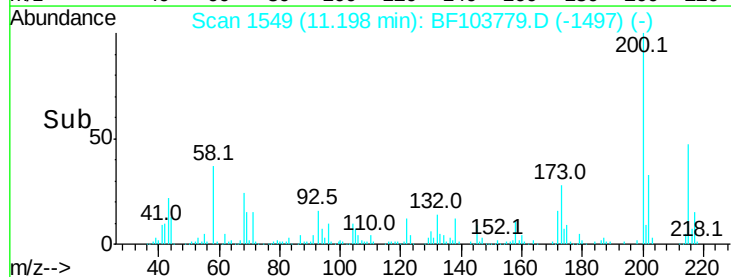
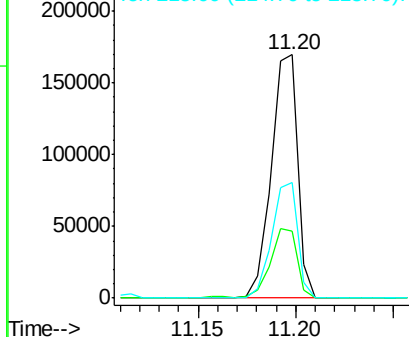


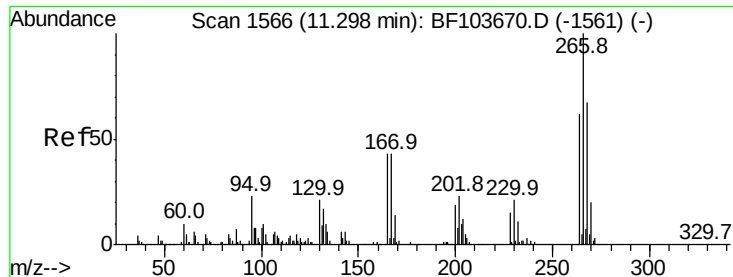
#68
Atrazine
Concen: 35.612 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion:200 Resp: 158666
Ion Ratio Lower Upper
200 100
173 27.6 8.6 48.6
215 47.5 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

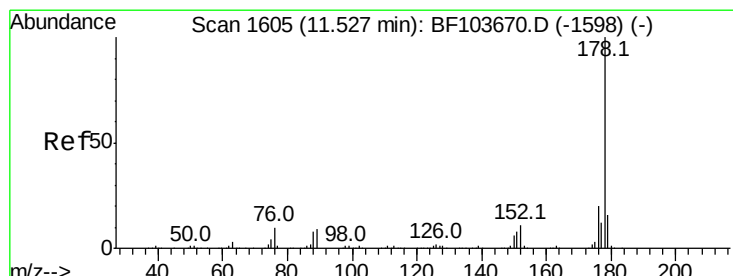
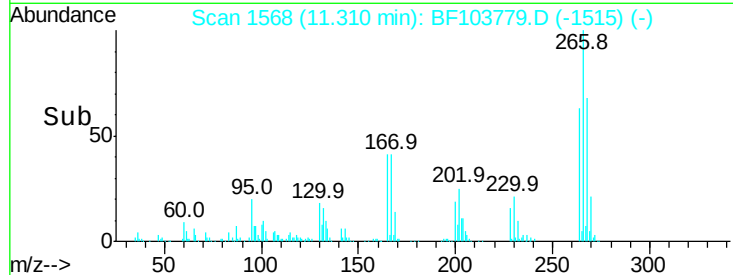
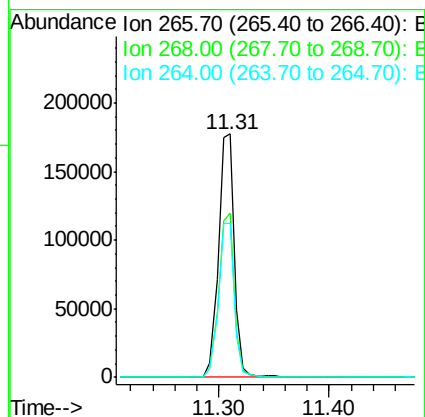
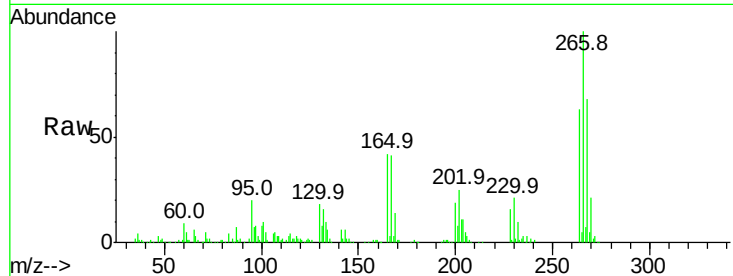




#69
 Pentachlorophenol
 Concen: 62.054 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

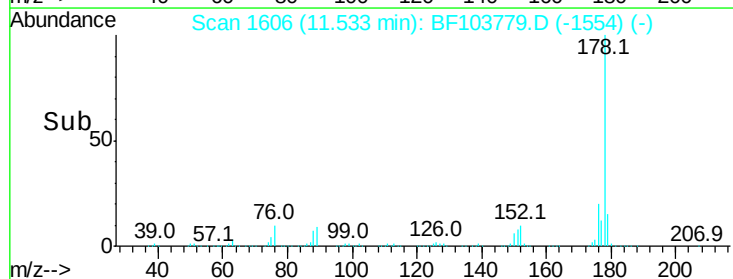
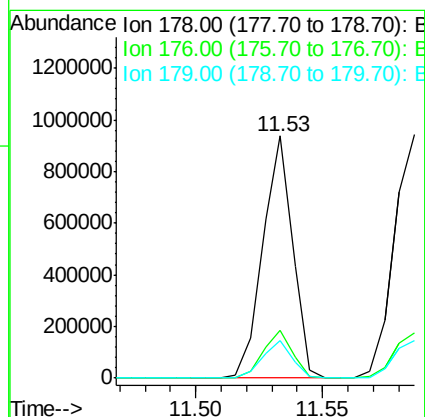
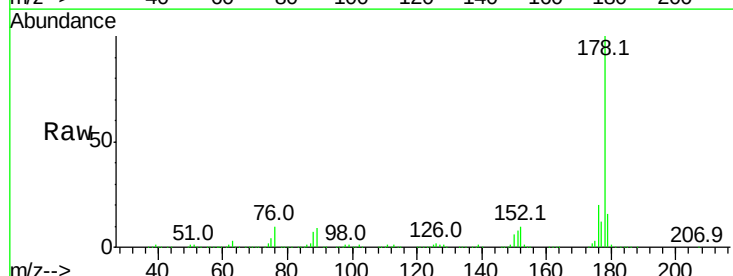
Instrument :
 BNA_F
 ClientSampleId :

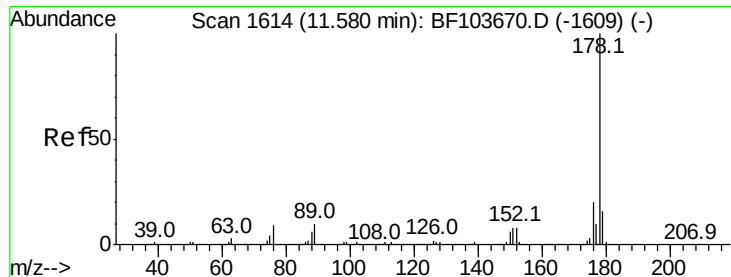
Tot Ion	Ratio	Lower	Upper
266	100		
268	67.6	51.1	76.7
264	63.0	49.5	74.3



#70
 Phenanthrene
 Concen: 33.424 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6





#71

Anthracene

Concen: 34.090 ng

RT: 11.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

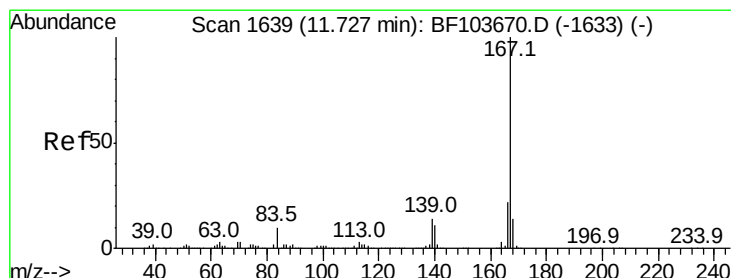
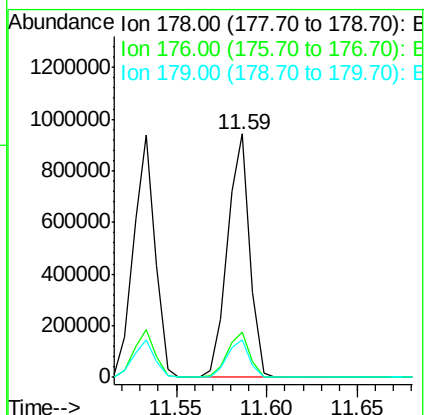
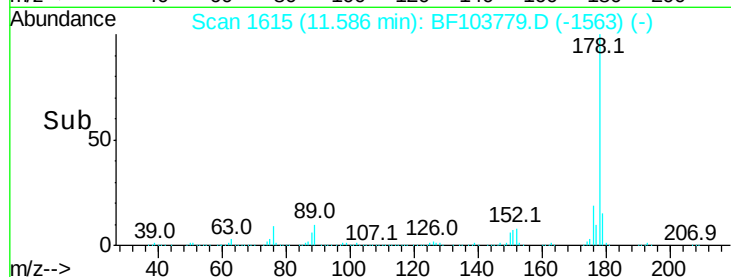
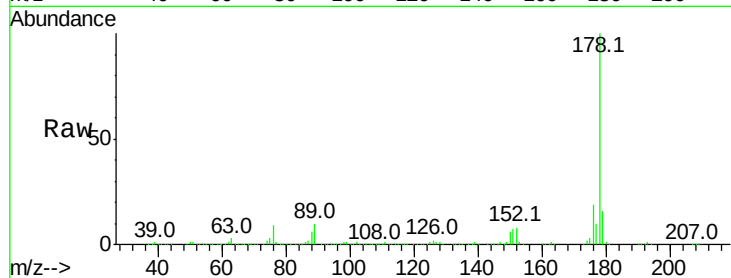
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 801430

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0



#72

Carbazole

Concen: 32.859 ng

RT: 11.74 min Scan# 1641

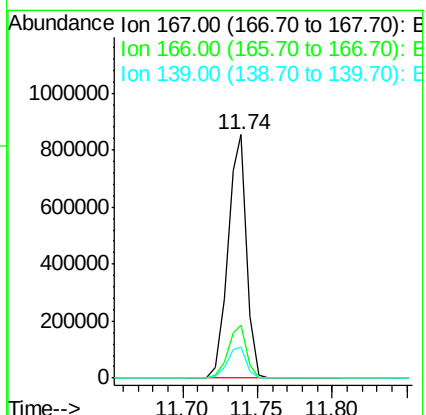
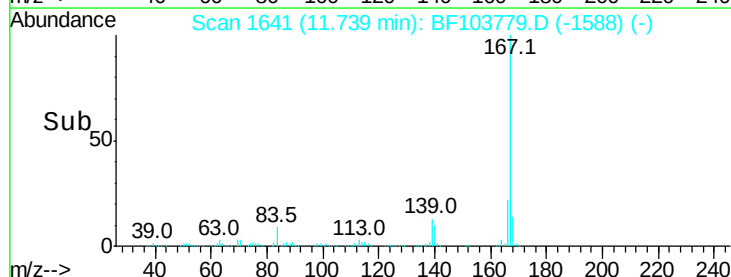
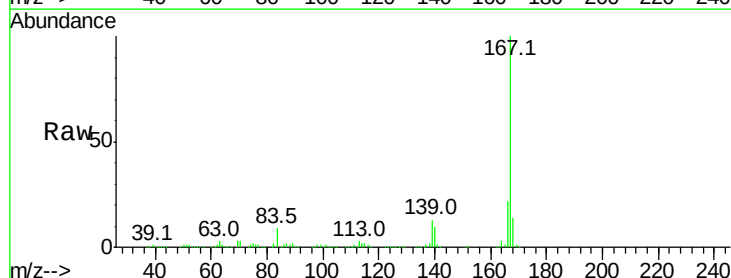
Delta R.T. 0.01 min

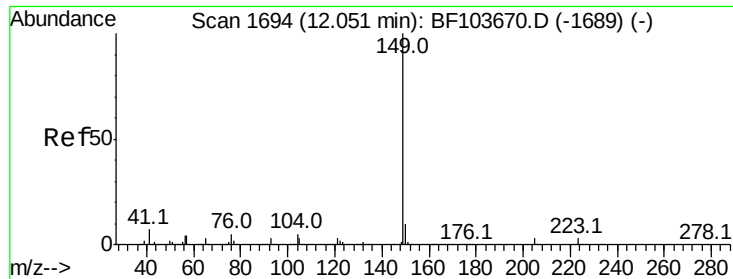
Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Tgt Ion:167 Resp: 750818

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 34.650 ng

RT: 12.06 min Scan# 1695

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

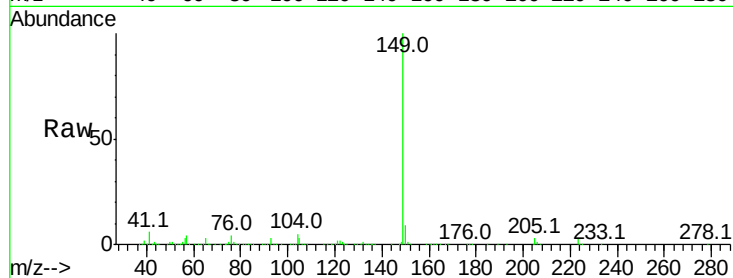
Tot Ion:149 Resp: 950008

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

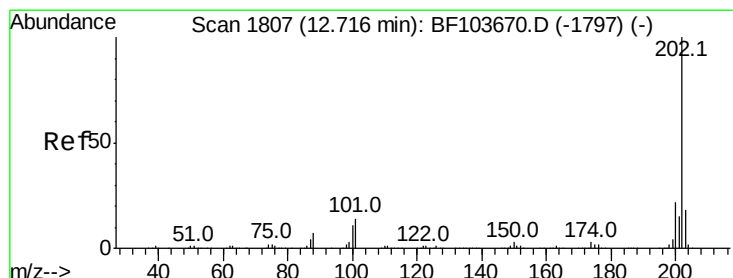
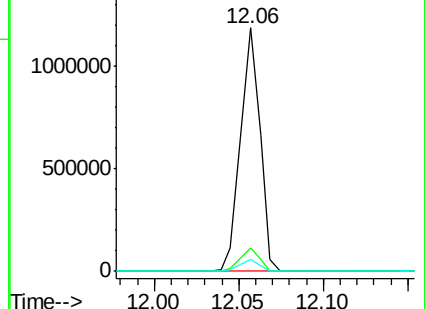
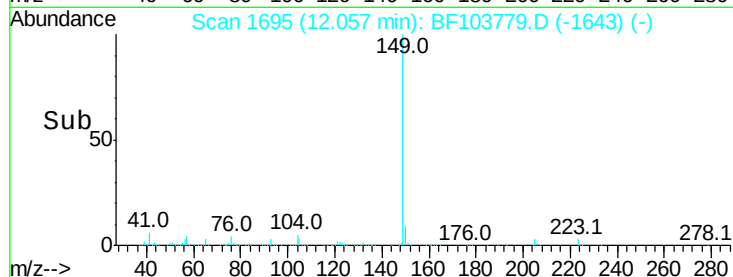
104 4.7 3.8 5.8



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: 31.674 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

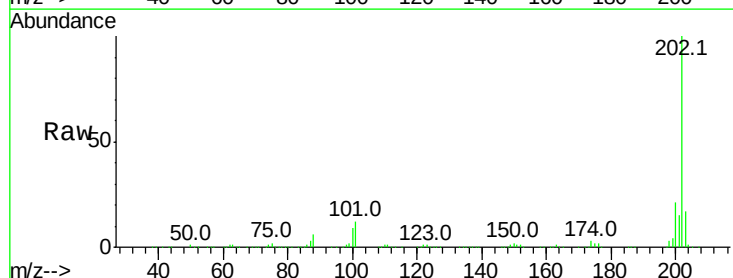
Tgt Ion:202 Resp: 755312

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

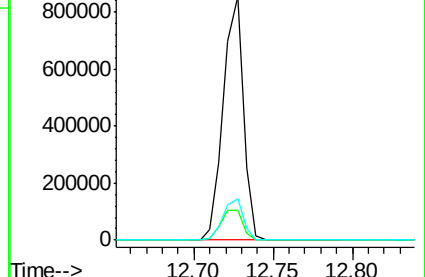
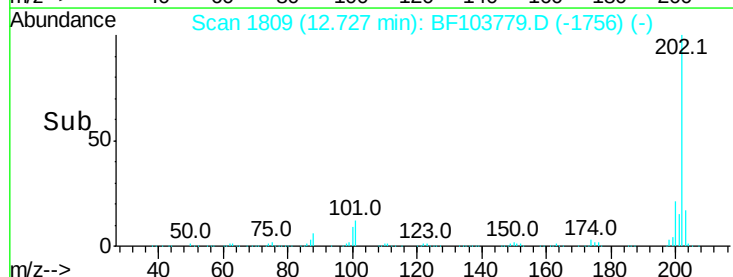
203 17.2 0.0 38.1

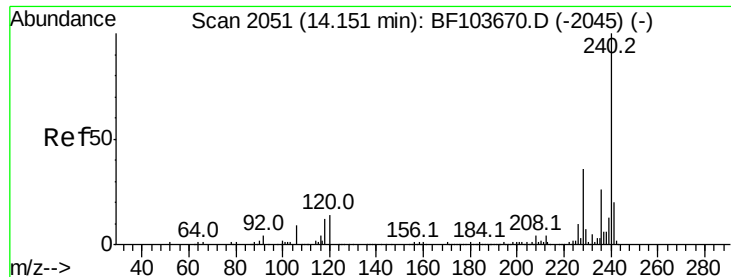


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

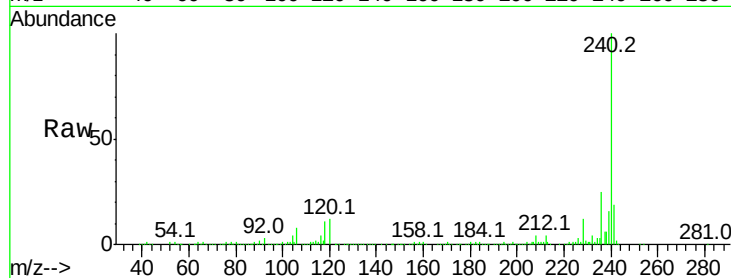
Tot Ion:240 Resp: 302788

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

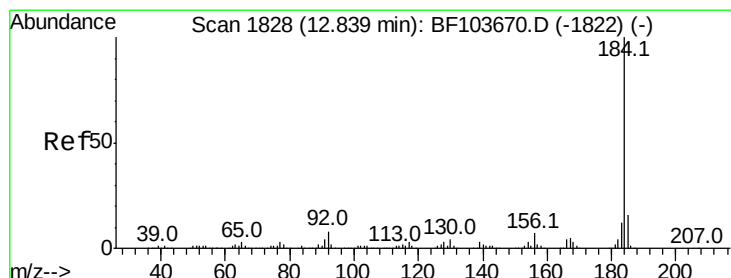
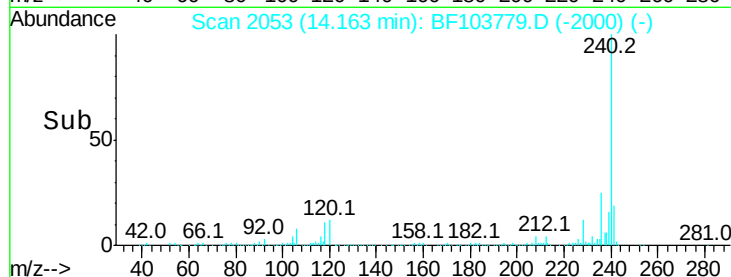
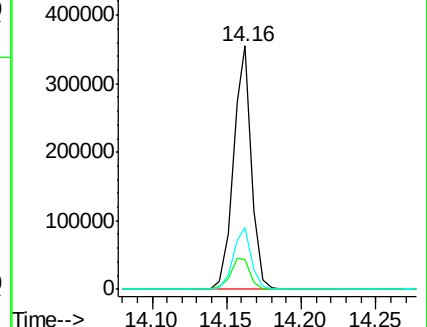
236 25.5 20.7 31.1



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: 34.248 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

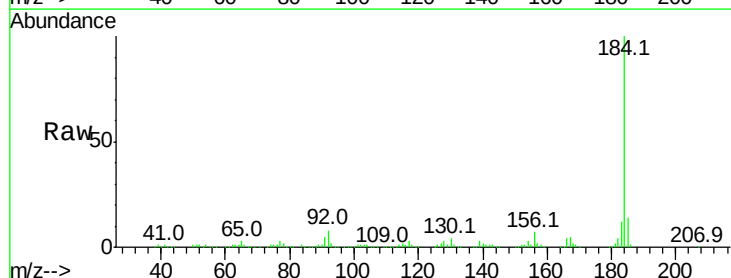
Tgt Ion:184 Resp: 442285

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

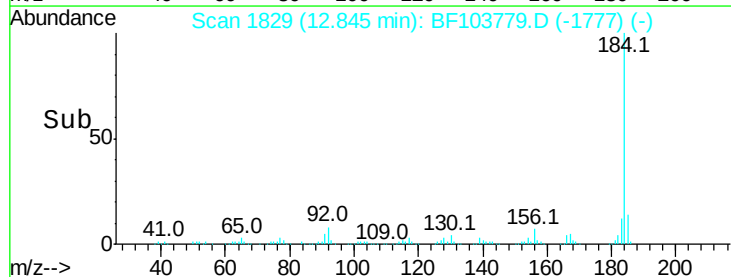
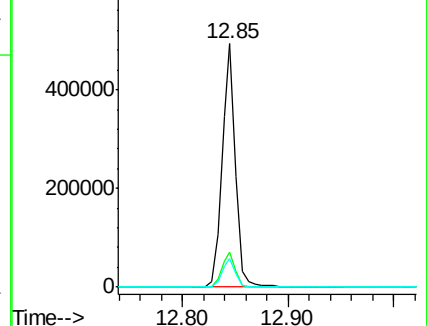
183 11.8 9.3 13.9

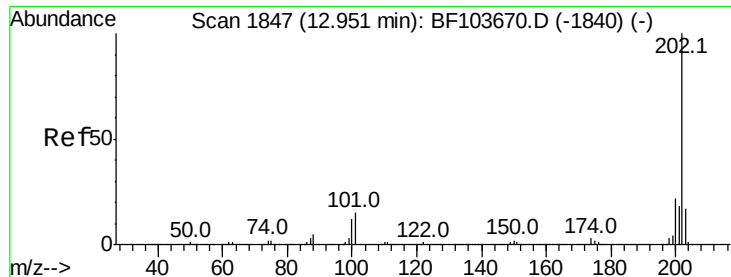


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

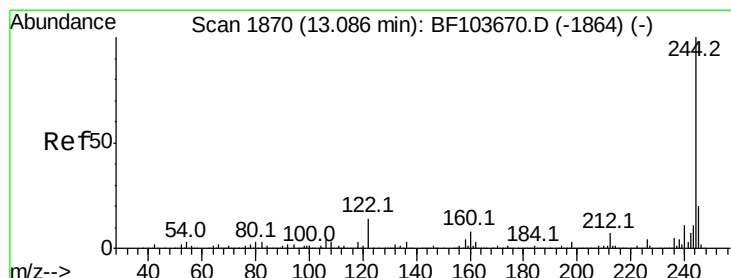
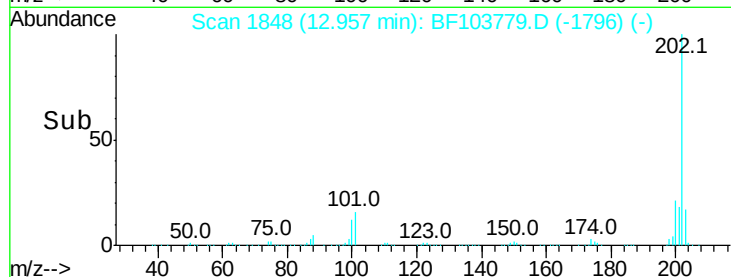
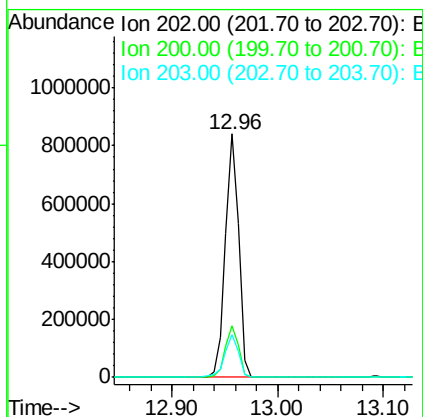
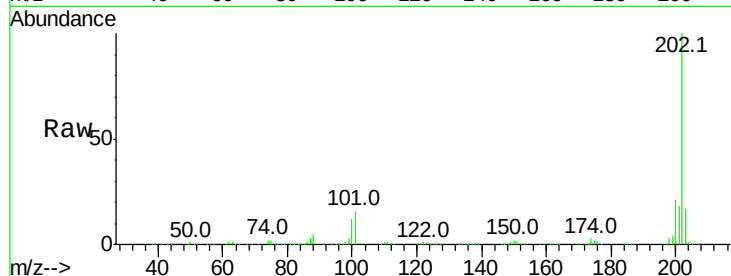




#77
 Pvrene
 Concen: 33.382 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

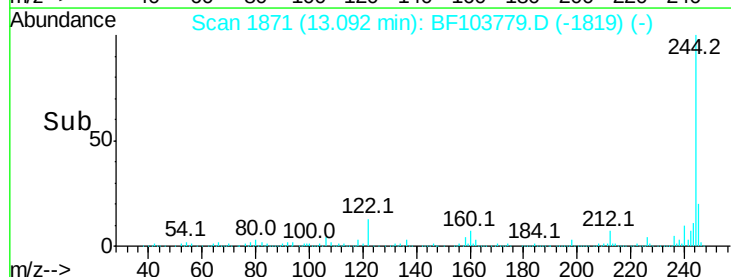
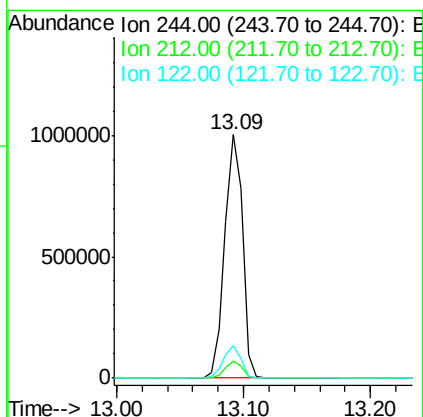
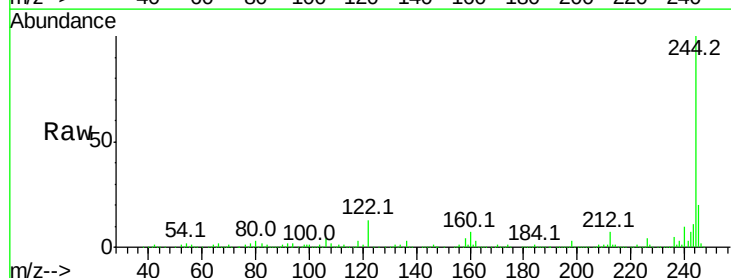
Instrument :
 BNA_F
 ClientSampleId :

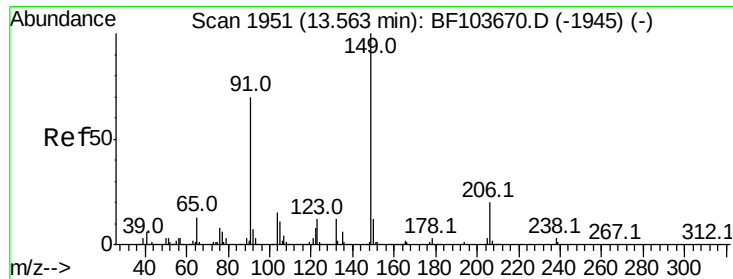
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.3	14.3	21.5



#78
 Terphenyl-d14
 Concen: 74.671 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.4	11.0	16.4

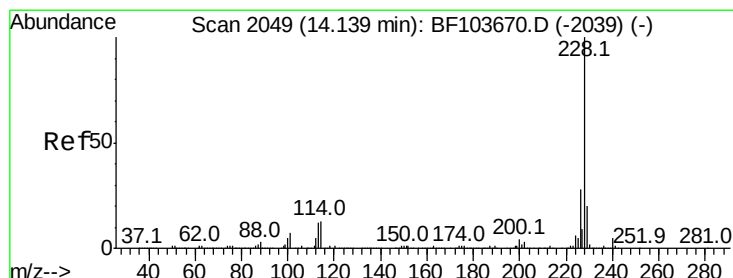
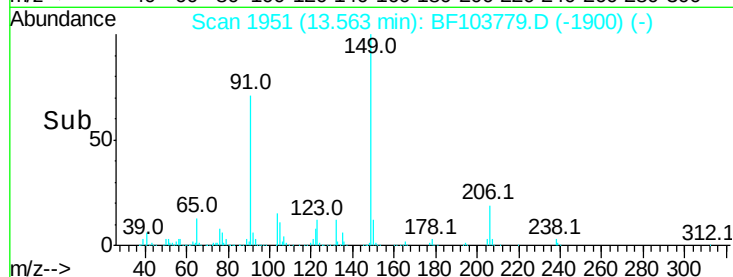
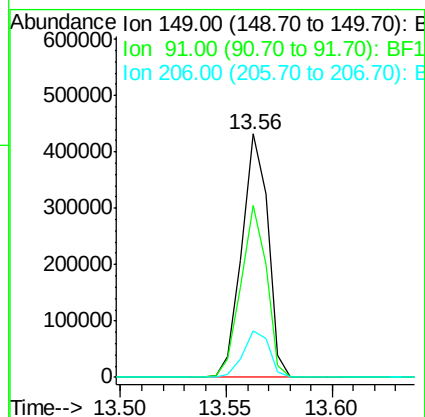
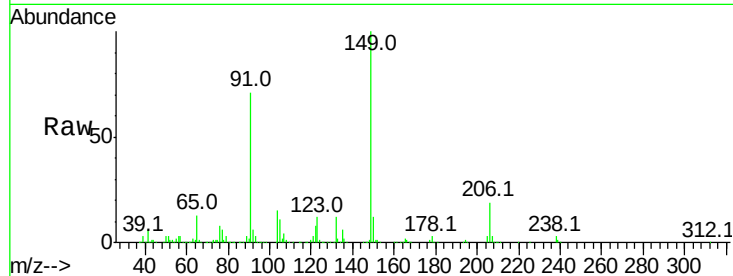




#79
Butylbenzylphthalate
Concen: 37.474 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

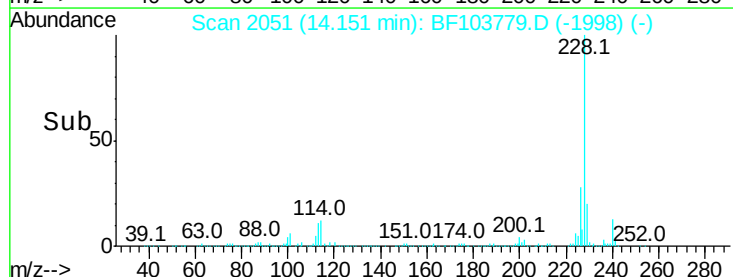
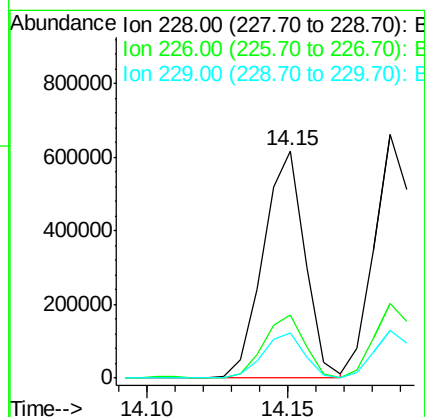
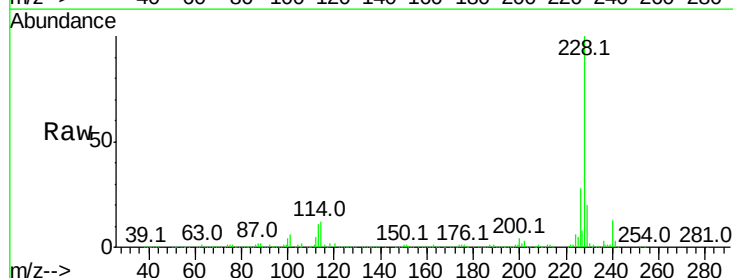
Instrument :
BNA_F
ClientSampled :

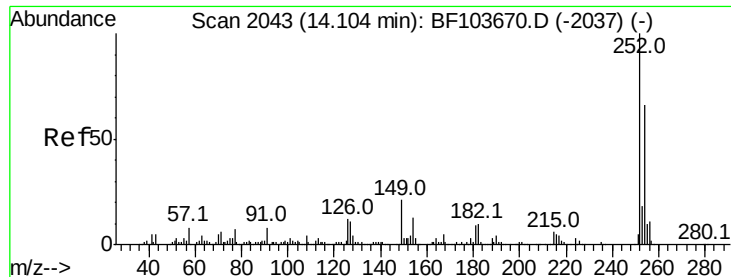
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.9	56.8	85.2
206	19.1	14.1	21.1



#80
Benzo(a)anthracene
Concen: 32.802 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103779.D
Acq: 20 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.1	15.8	23.6

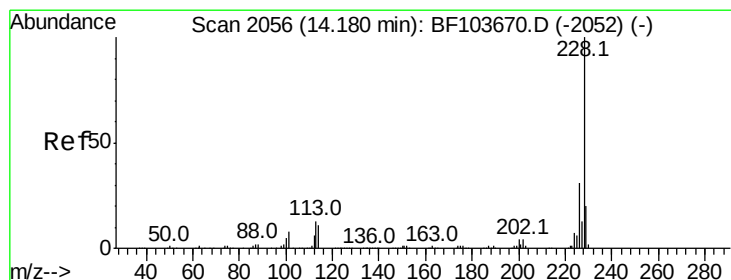
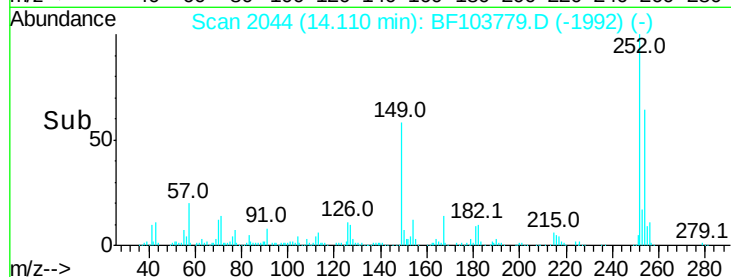
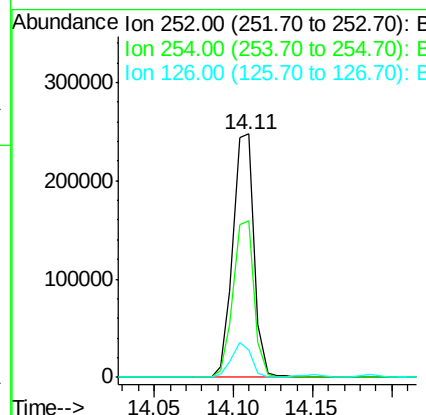
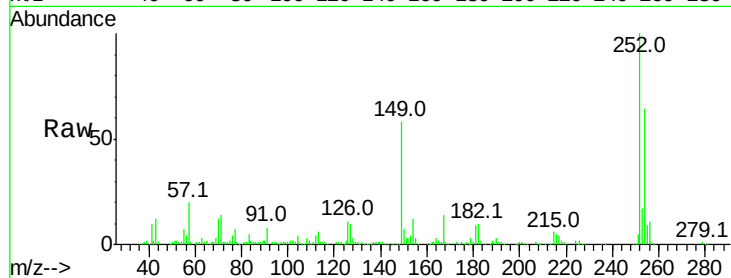




#81
 3,3'-Dichlorobenzidine
 Concen: 35.992 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

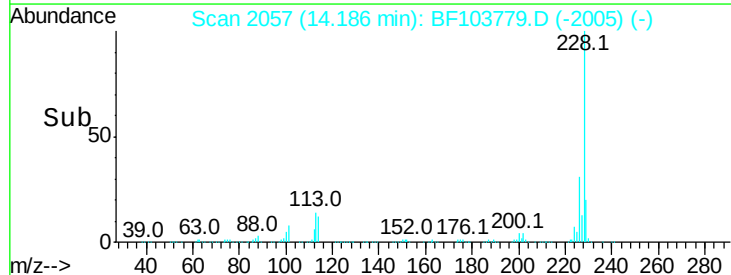
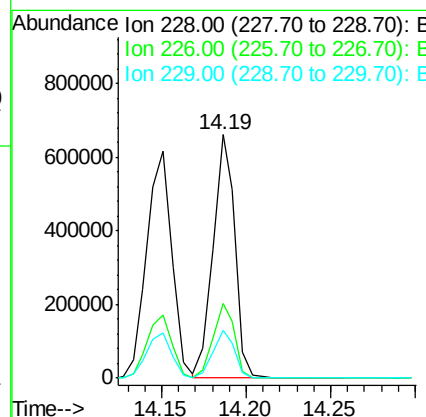
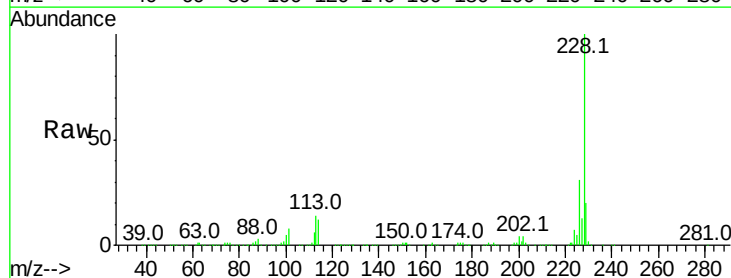
Instrument :
 BNA_F
 ClientSampleId :

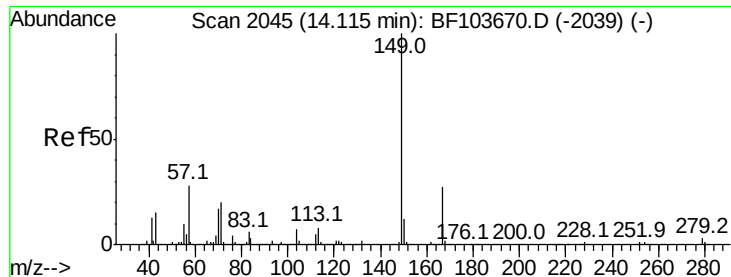
Tot Ion:252 Resp: 230748
 Ion Ratio Lower Upper
 252 100
 254 64.2 50.4 75.6
 126 11.1 11.3 16.9#



#82
 Chrysene
 Concen: 32.541 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:228 Resp: 594537
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.578 ng

RT: 14.12 min Scan# 2046

Delta R.T. 0.01 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

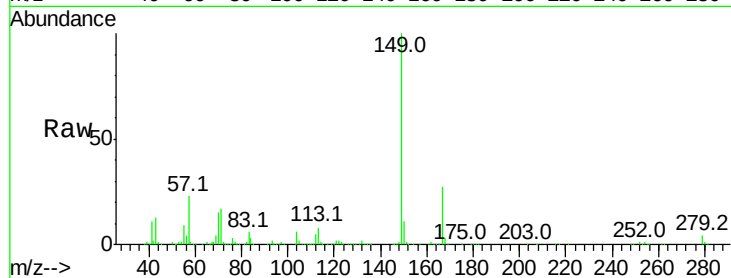
Tot Ion:149 Resp: 514818

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.8	3.0	4.4

149 100

167 27.3 21.3 31.9

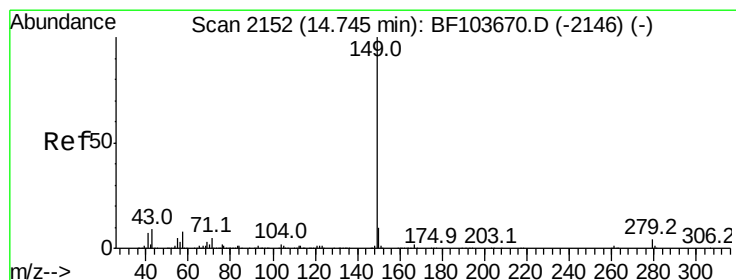
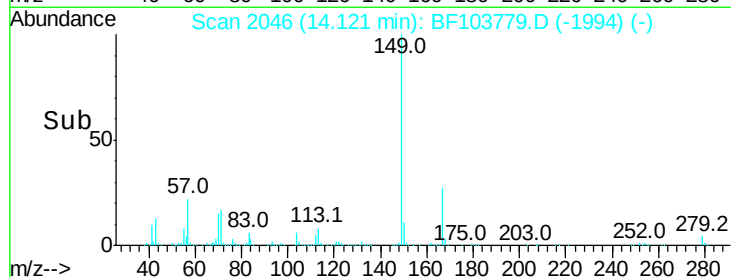
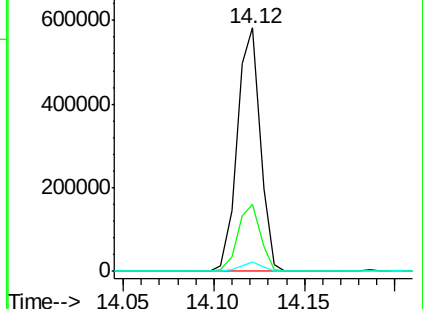
279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.215 ng

RT: 14.74 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

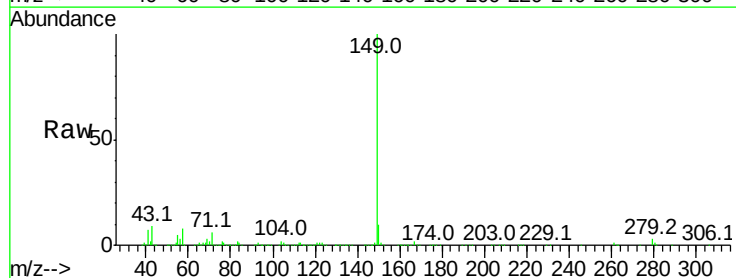
Tgt Ion:149 Resp: 843910

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.3	8.4	12.6#

149 100

167 1.5 1.2 1.8

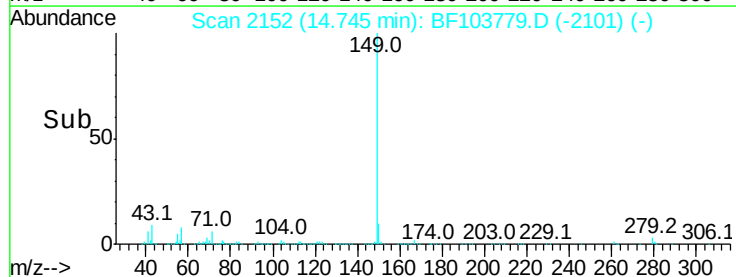
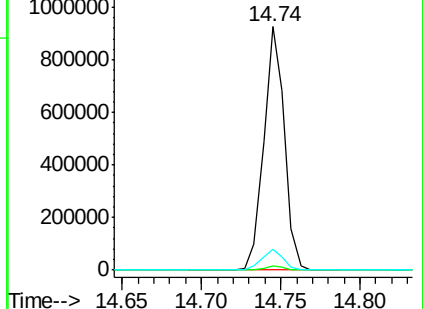
43 8.3 8.4 12.6#

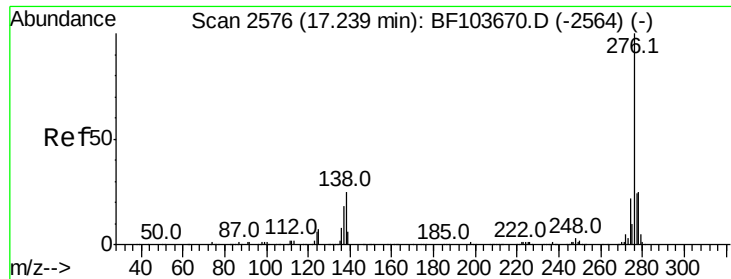


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.605 ng

RT: 17.27 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

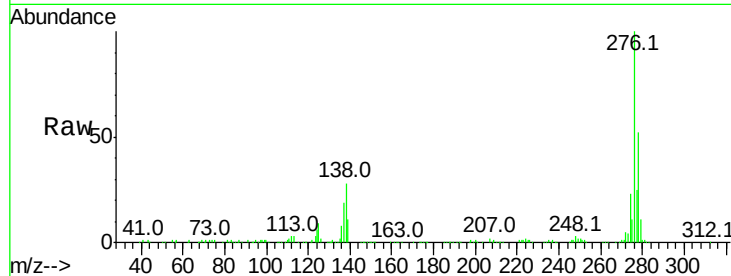
Tot Ion:276 Resp: 552135

Ion Ratio Lower Upper

276 100

138 30.2 25.0 37.6

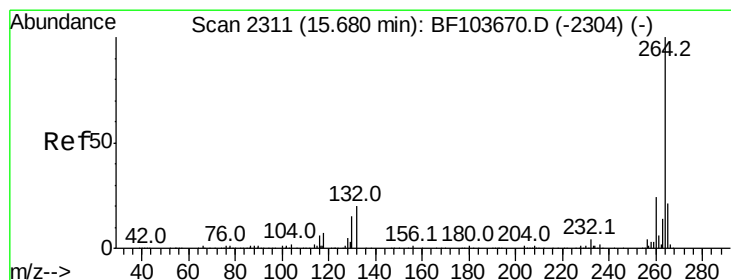
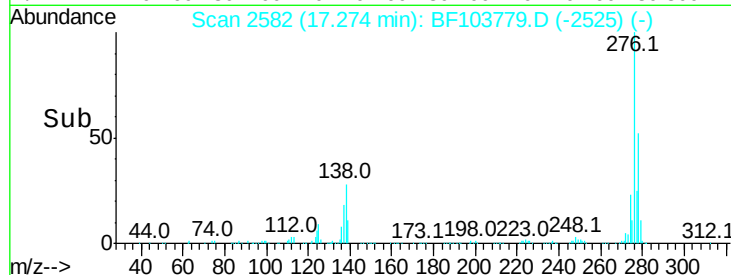
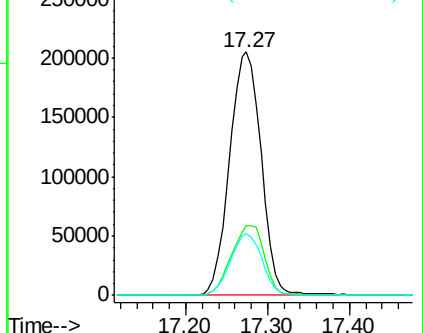
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

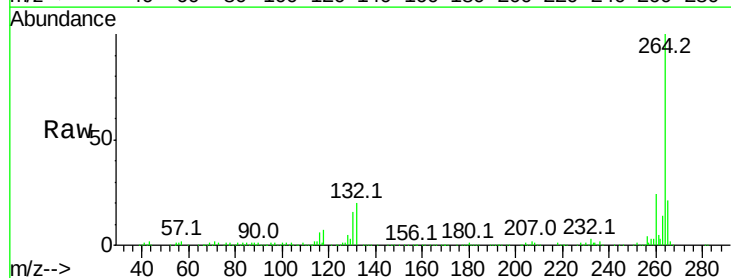
Tgt Ion:264 Resp: 275136

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

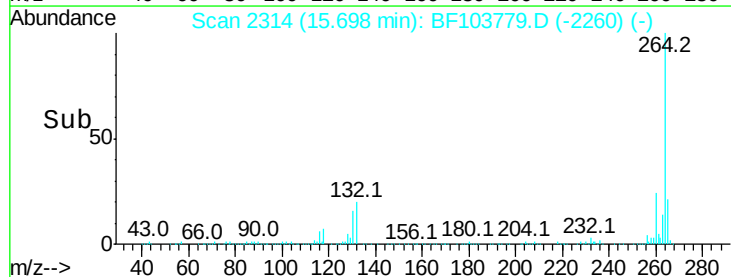
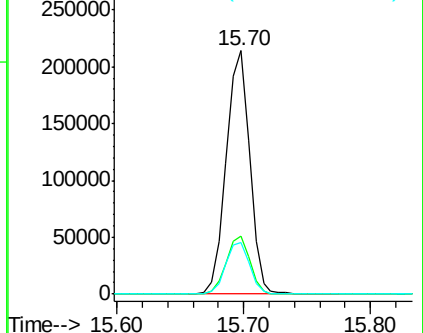
265 21.5 17.5 26.3

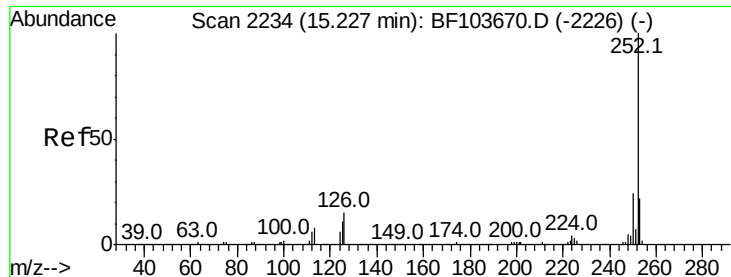


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

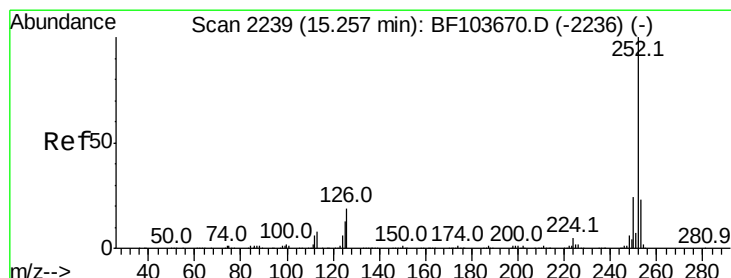
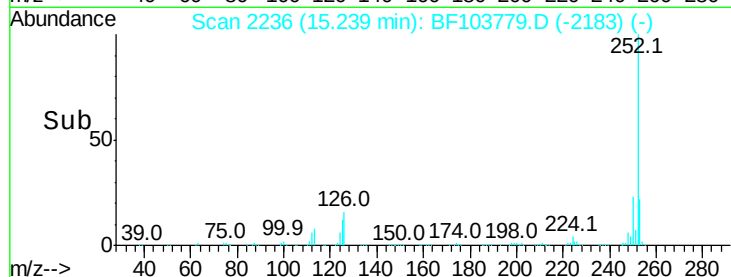
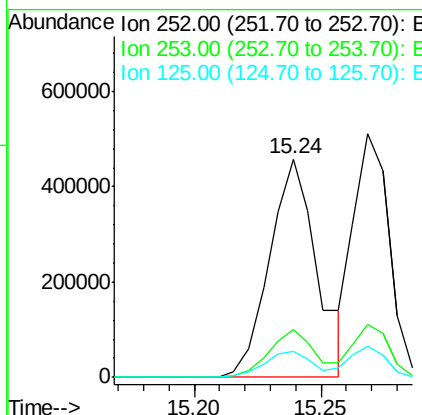
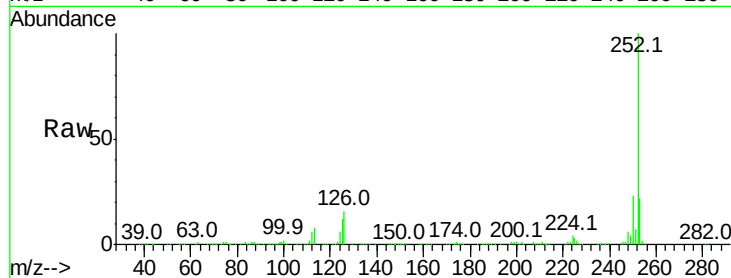




#87
 Benzo(b)fluoranthene
 Concen: 34.562 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

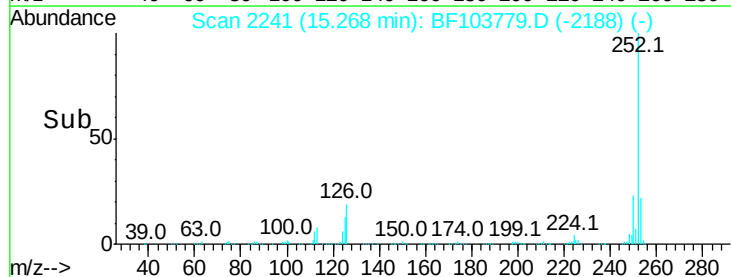
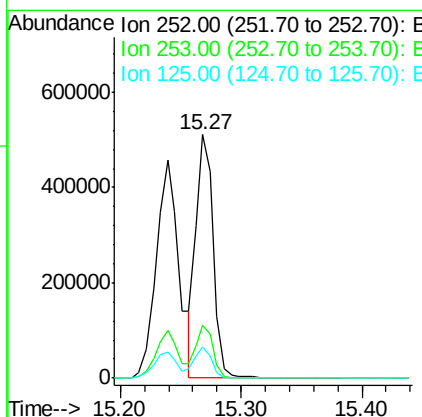
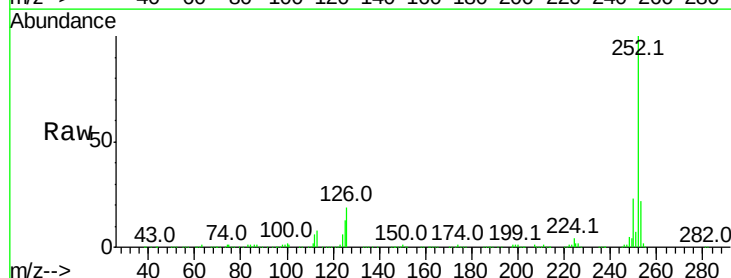
Instrument :
 BNA_F
 ClientSampleId :

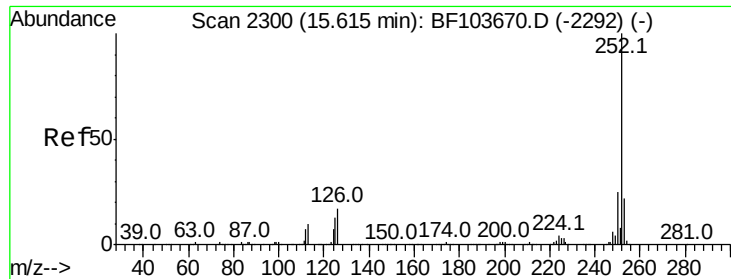
Tot Ion:252 Resp: 600768
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.0 25.6
 125 12.2 9.0 13.6



#88
 Benzo(k)fluoranthene
 Concen: 30.416 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: BF103779.D
 Acq: 20 Mar 2018 1:52

Tgt Ion:252 Resp: 508232
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.9 26.9
 125 12.8 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.455 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

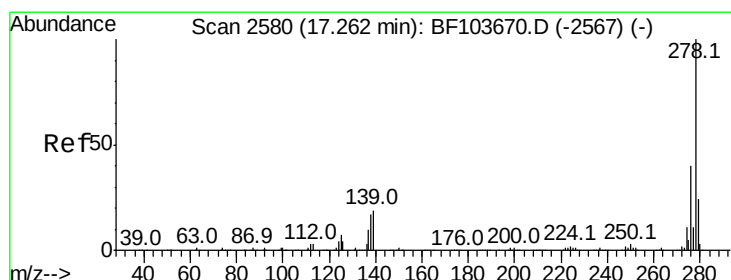
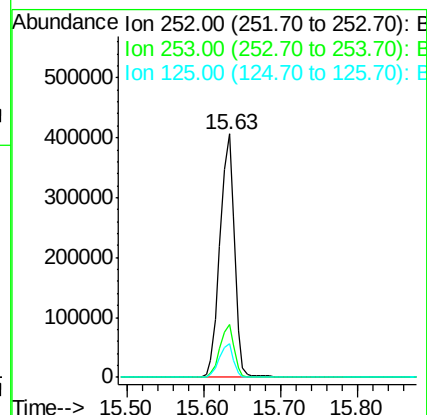
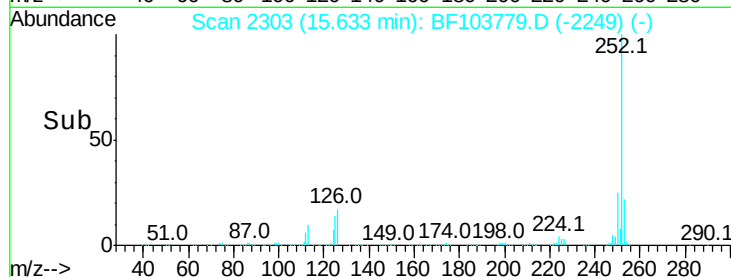
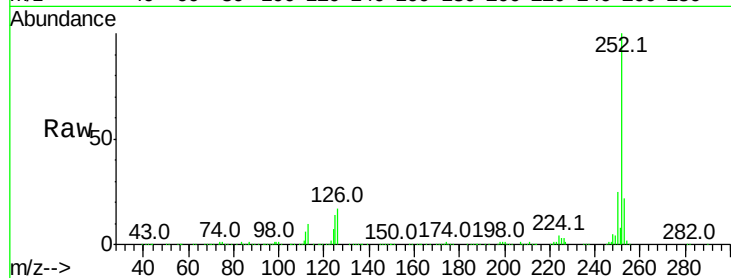
Tot Ion:252 Resp: 527445

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

125 13.7 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 34.413 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.03 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

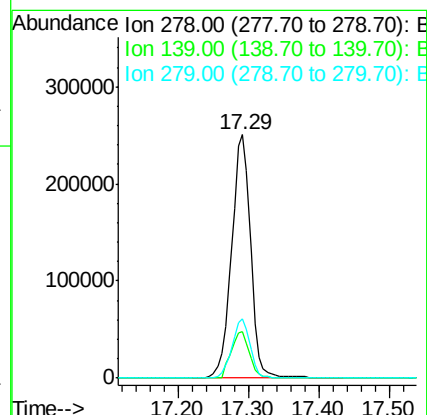
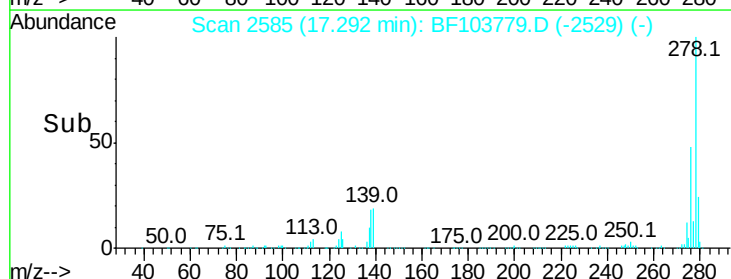
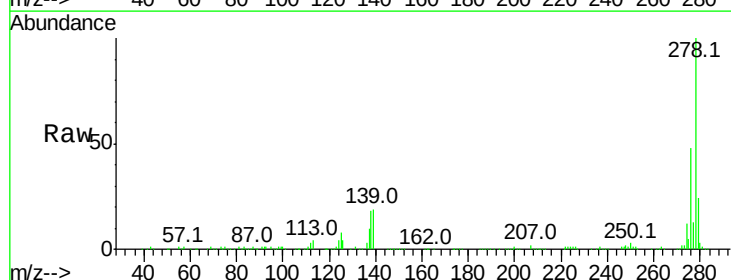
Tgt Ion:278 Resp: 469797

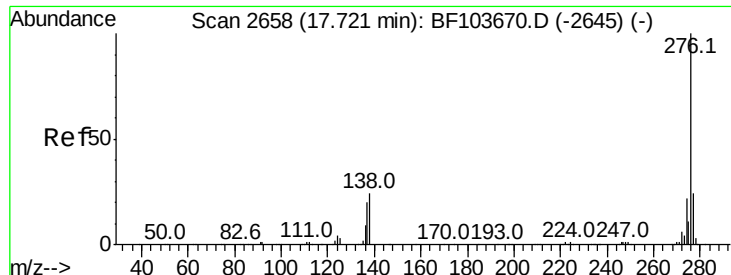
Ion Ratio Lower Upper

278 100

139 19.0 15.9 23.9

279 24.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 33.625 ng

RT: 17.75 min Scan# 2663

Delta R.T. 0.03 min

Lab File: BF103779.D

Acq: 20 Mar 2018 1:52

Instrument :

BNA_F

ClientSampleId :

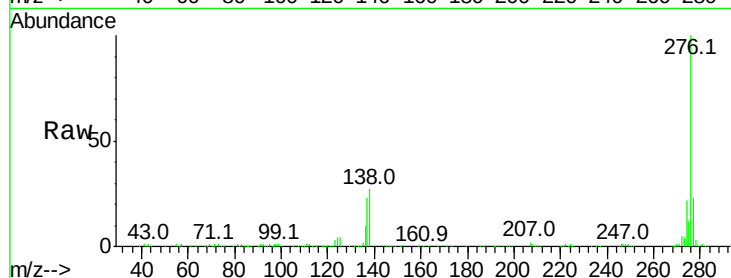
Tot Ion:276 Resp: 446577

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 26.6 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

