

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103778.D
 Acq On : 20 Mar 2018 1:25
 Operator : JU/SJ
 Sample : J1971-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 20 02:27:14 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	140483	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	550169	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	231487	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	367155	20.00	ng	0.01
75) Chrysene-d12	14.16	240	278981	20.00	ng	0.01
86) Perylene-d12	15.70	264	254460	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1173646	127.07	ng	0.02
7) Phenol-d6	6.60	99	1433487	126.86	ng	0.02
23) Nitrobenzene-d5	7.54	82	885635	112.26	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	296321	148.88	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1348605	92.93	ng	0.00
78) Terphenyl-d14	13.09	244	1122899	93.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	170743	37.543	ng	# 89
3) Pyridine	3.66	79	471827	37.718	ng	87
4) n-Nitrosodimethylamine	3.62	42	194192	42.103	ng	# 74
6) Aniline	6.64	93	430937	26.708	ng	97
8) 2-Chlorophenol	6.76	128	445879	46.083	ng	95
9) Benzaldehyde	6.53	77	151066	20.349	ng	93
10) Phenol	6.62	94	559651	46.609	ng	96
11) bis(2-Chloroethyl)ether	6.71	93	428895	43.269	ng	96
12) 1,3-Dichlorobenzene	6.92	146	459318	41.681	ng	99
13) 1,4-Dichlorobenzene	6.99	146	463205	41.830	ng	99
14) 1,2-Dichlorobenzene	7.15	146	430962	41.940	ng	100
15) Benzyl Alcohol	7.11	79	380868	43.502	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	572632	40.617	ng	93
17) 2-Methylphenol	7.22	107	378272	43.902	ng	98
18) Hexachloroethane	7.49	117	144675	37.142	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	291461	40.247	ng	89
20) 3+4-Methylphenols	7.37	107	450370	41.187	ng	96
22) Acetophenone	7.38	105	575683	40.714	ng	# 95
24) Nitrobenzene	7.56	77	454355	49.055	ng	98
25) Isophorone	7.79	82	838415	45.907	ng	100
26) 2-Nitrophenol	7.87	139	214846	58.416	ng	95
27) 2,4-Dimethylphenol	7.90	122	397016	50.744	ng	99
28) bis(2-Chloroethoxy)methane	8.00	93	540667	48.889	ng	99
29) 2,4-Dichlorophenol	8.11	162	357649	50.245	ng	98
30) 1,2,4-Trichlorobenzene	8.20	180	364615	44.164	ng	98
31) Naphthalene	8.28	128	1203611	43.308	ng	100
32) Benzoic acid	7.97	122	44571	16.313	ng	94
33) 4-Chloroaniline	8.32	127	190123	16.306	ng	96
34) Hexachlorobutadiene	8.39	225	190675	42.124	ng	99
35) Caprolactam	8.69	113	86268	35.196	ng	# 80
36) 4-Chloro-3-methylphenol	8.80	107	373661	47.617	ng	95
37) 2-Methylnaphthalene	8.97	142	774541	43.947	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	321707	48.714	ng	99
40) Hexachlorocyclopentadiene	9.12	237	111114	32.607	ng	97

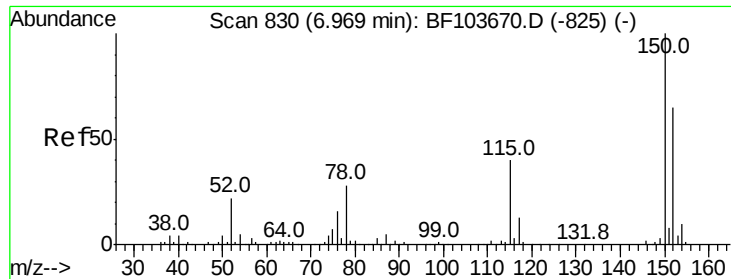
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031918\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	230157	54.486	ng	100
43) 2,4,5-Trichlorophenol	9.29	196	245037	51.395	ng	97
45) 1,1'-Biphenyl	9.43	154	873008	45.227	ng	100
46) 2-Chloronaphthalene	9.46	162	703545	45.889	ng	99
47) 2-Nitroaniline	9.56	65	219795	53.837	ng	91
48) Acenaphthylene	9.88	152	1035098	43.539	ng	100
49) Dimethylphthalate	9.73	163	947875	53.670	ng	99
50) 2,6-Dinitrotoluene	9.80	165	180639	52.468	ng	# 85
51) Acenaphthene	10.05	154	621243	44.009	ng	99
52) 3-Nitroaniline	9.96	138	152487	38.096	ng	97
53) 2,4-Dinitrophenol	10.07	184	36267	49.261	ng	# 21
54) Dibenzofuran	10.22	168	903339	44.806	ng	99
55) 4-Nitrophenol	10.12	139	306866	93.977	ng	95
56) 2,4-Dinitrotoluene	10.20	165	224497	51.366	ng	# 86
57) Fluorene	10.57	166	673322	43.039	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	181772	53.806	ng	94
59) Diethylphthalate	10.43	149	780504	44.526	ng	99
60) 4-Chlorophenyl-phenylether	10.56	204	321604	44.981	ng	93
61) 4-Nitroaniline	10.58	138	175202	44.735	ng	96
62) Azobenzene	10.72	77	714634	40.099	ng	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	35960	32.628	ng	79
65) n-Nitrosodiphenylamine	10.67	169	624715	49.988	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	188996	50.135	ng	97
67) Hexachlorobenzene	11.12	284	200691	46.645	ng	93
68) Atrazine	11.20	200	184499	47.724	ng	98
69) Pentachlorophenol	11.31	266	212620	85.956	ng	96
70) Phenanthrene	11.53	178	908602	45.240	ng	99
71) Anthracene	11.59	178	938641	46.015	ng	100
72) Carbazole	11.74	167	878105	44.289	ng	99
73) Di-n-butylphthalate	12.06	149	1117806	46.987	ng	99
74) Fluoranthene	12.73	202	881659	42.610	ng	99
76) Benzidine	12.84	184	534874	44.952	ng	98
77) Pyrene	12.96	202	876125	42.762	ng	99
79) Butylbenzylphthalate	13.56	149	435620	47.990	ng	97
80) Benzo(a)anthracene	14.15	228	783886	44.389	ng	100
81) 3,3'-Dichlorobenzidine	14.11	252	284832	48.220	ng	99
82) Chrysene	14.19	228	744131	44.204	ng	100
83) Bis(2-ethylhexyl)phthalate	14.12	149	617026	47.582	ng	100
84) Di-n-octyl phthalate	14.75	149	1033357	54.774	ng	96
85) Indeno(1,2,3-cd)pyrene	17.28	276	685256	46.613	ng	98
87) Benzo(b)fluoranthene	15.24	252	721830	44.901	ng	99
88) Benzo(k)fluoranthene	15.27	252	699562	45.269	ng	99
89) Benzo(a)pyrene	15.63	252	666830	45.732	ng	98
90) Dibenzo(a,h)anthracene	17.30	278	588895	46.642	ng	99
91) Benzo(g,h,i)perylene	17.76	276	550946	44.854	ng	96

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

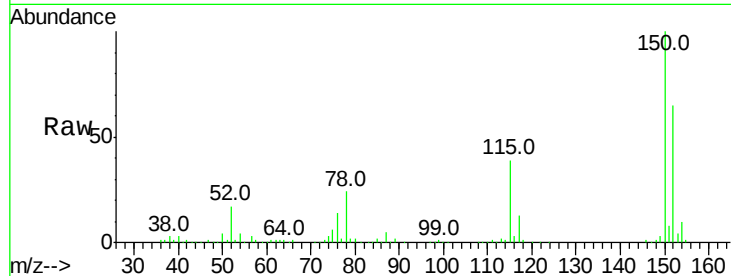


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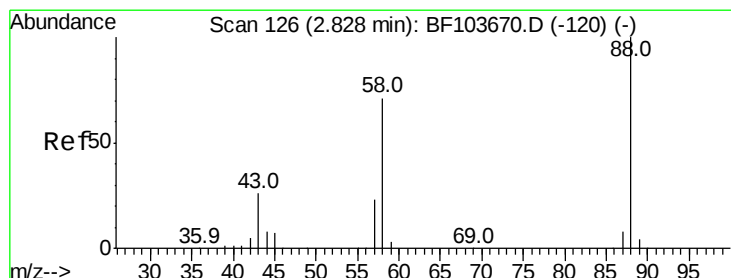
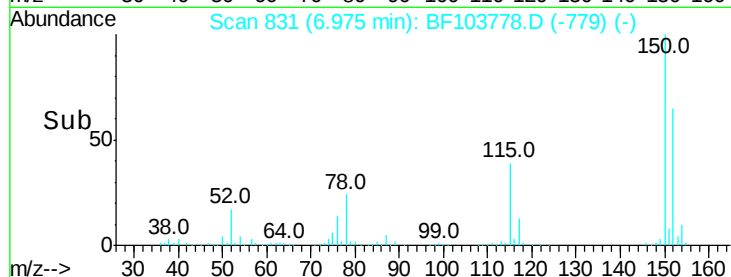
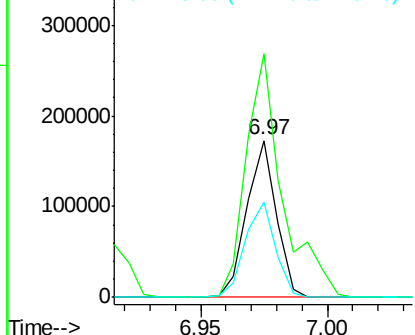
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140483
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 60.5 50.1 75.1



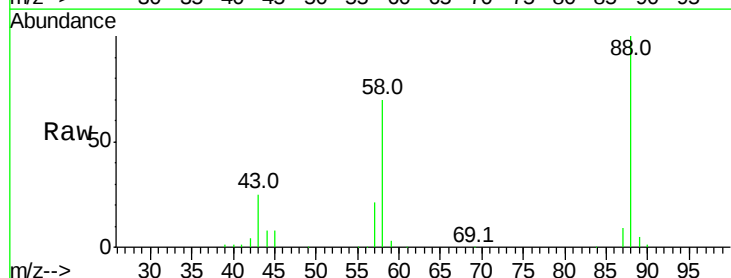
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



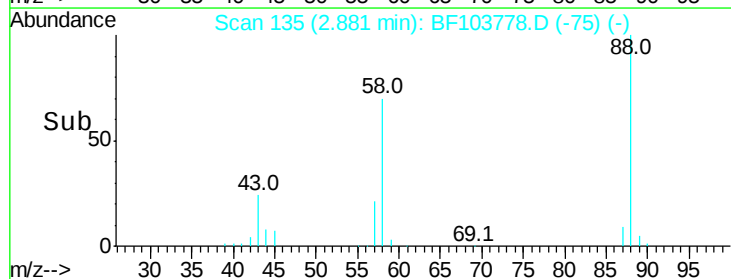
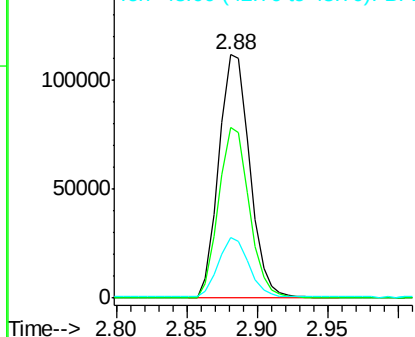
#2

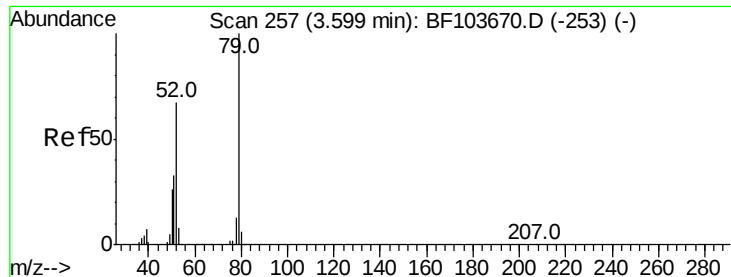
1,4-Dioxane
Concen: 37.543 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.05 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion: 88 Resp: 170743
Ion Ratio Lower Upper
88 100
58 69.4 62.6 93.8
43 24.0 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: 37.718 ng

RT: 3.66 min Scan# 267

Delta R.T. 0.06 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

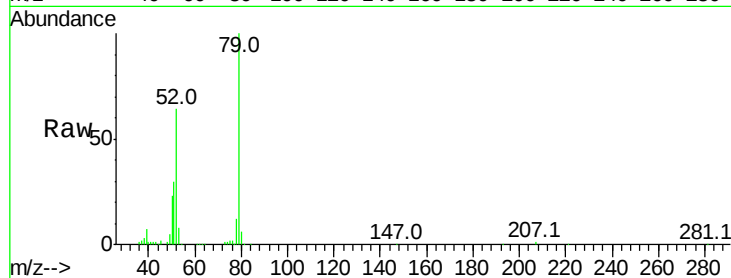
Tot Ion: 79 Resp: 471827

Ion Ratio Lower Upper

79 100

52 63.7 59.8 89.6

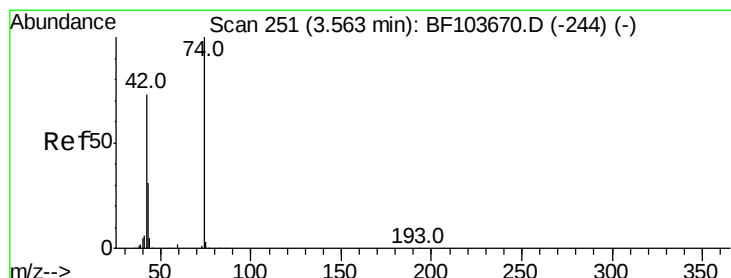
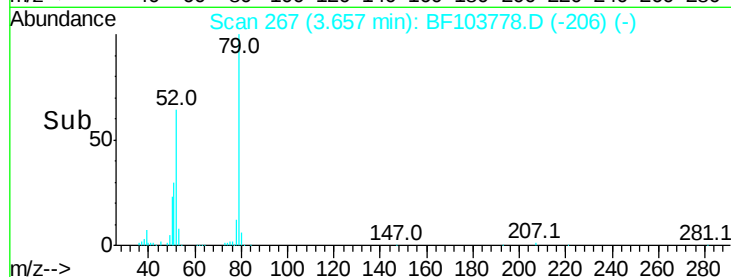
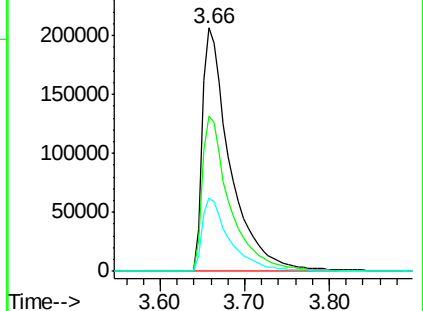
51 30.0 29.8 44.8



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: 42.103 ng

RT: 3.62 min Scan# 260

Delta R.T. 0.05 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

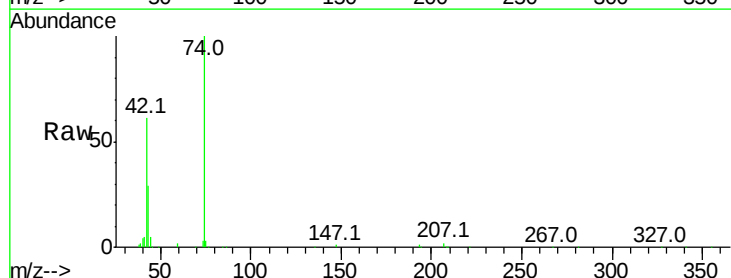
Tgt Ion: 42 Resp: 194192

Ion Ratio Lower Upper

42 100

74 163.3 104.9 157.3#

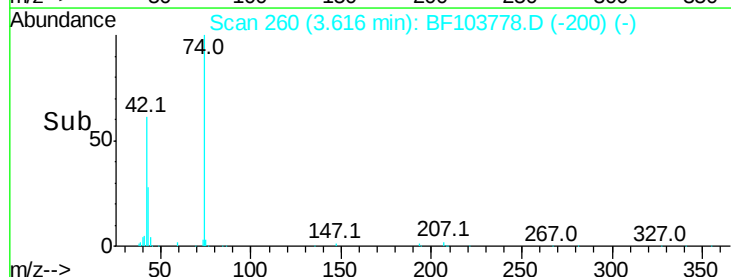
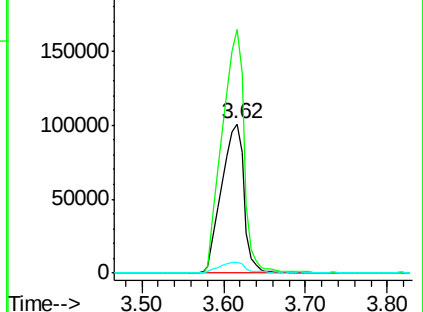
44 7.5 6.9 10.3

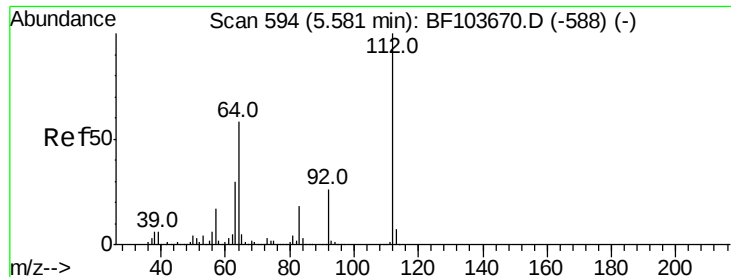


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 127.069 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

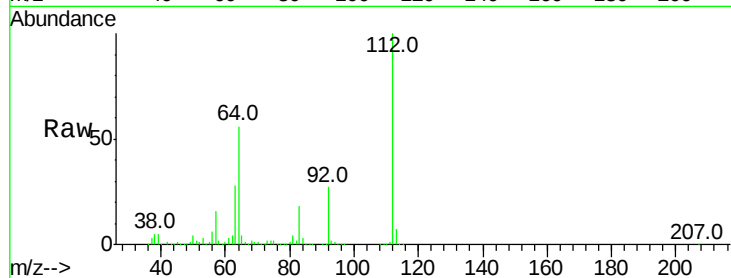
Tot Ion:112 Resp: 1173646

Ion Ratio Lower Upper

112 100

64 55.9 47.9 71.9

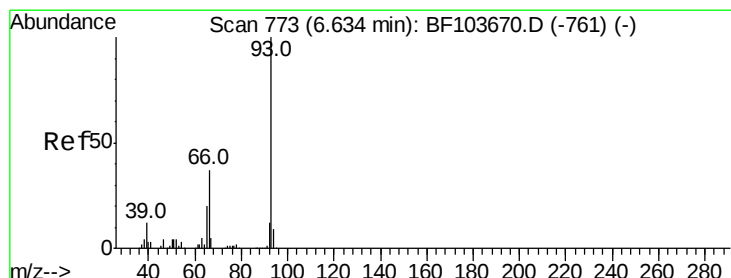
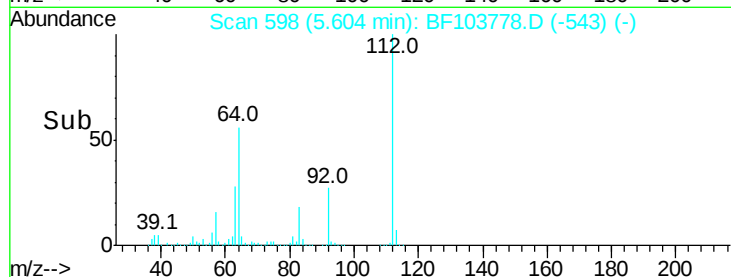
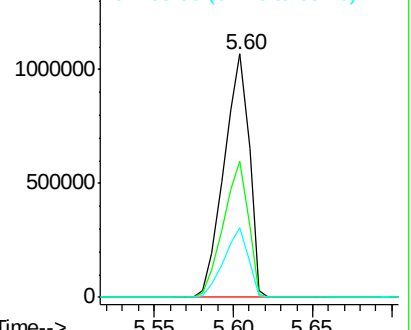
63 28.4 23.7 35.5



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: 26.708 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

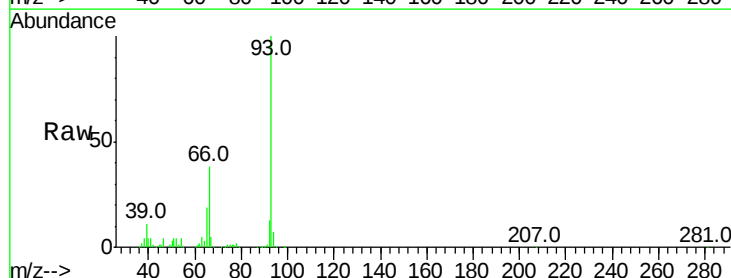
Tgt Ion: 93 Resp: 430937

Ion Ratio Lower Upper

93 100

66 38.4 32.2 48.2

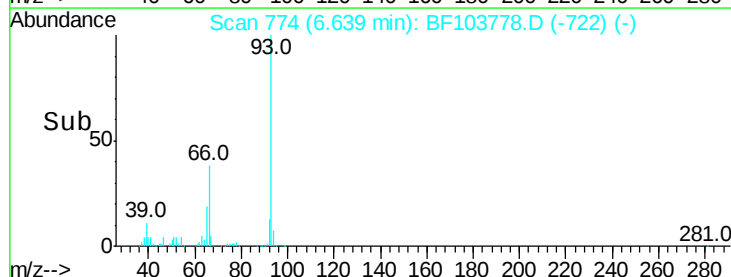
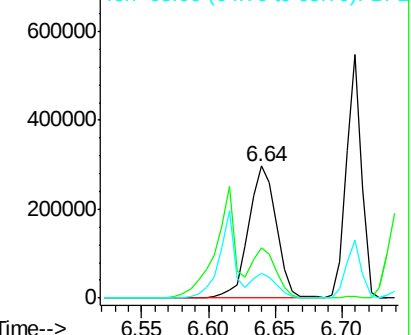
65 18.7 16.4 24.6

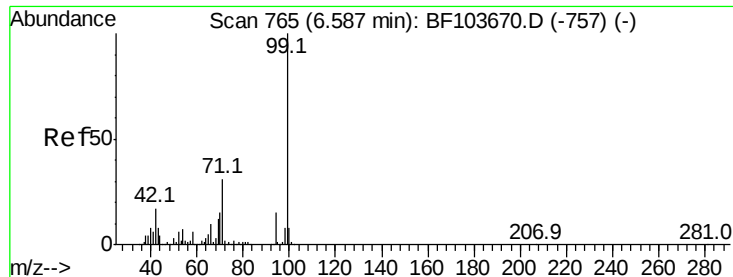


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.858 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

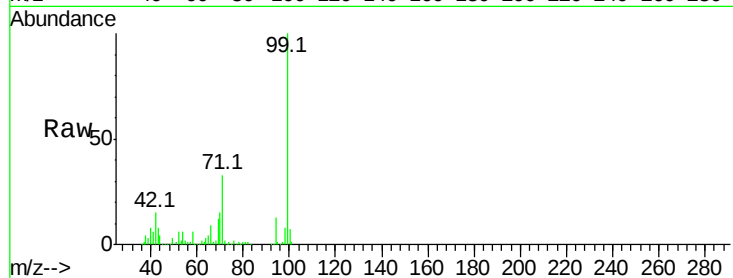
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1433487

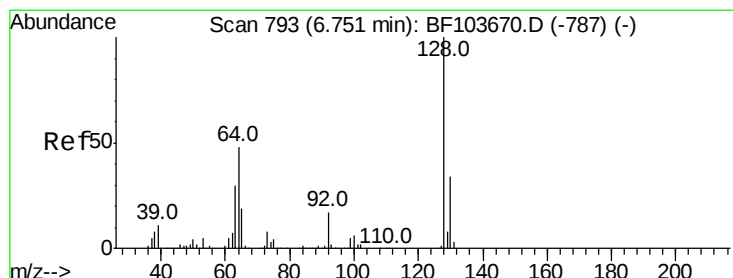
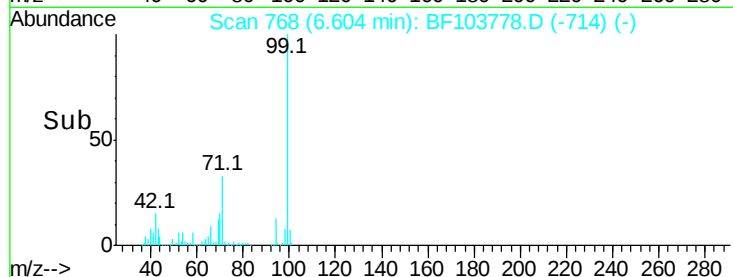
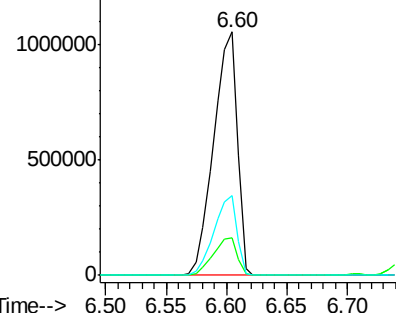
Ion	Ratio	Lower	Upper
99	100		
42	15.4	14.5	21.7
71	32.7	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.083 ng

RT: 6.76 min Scan# 795

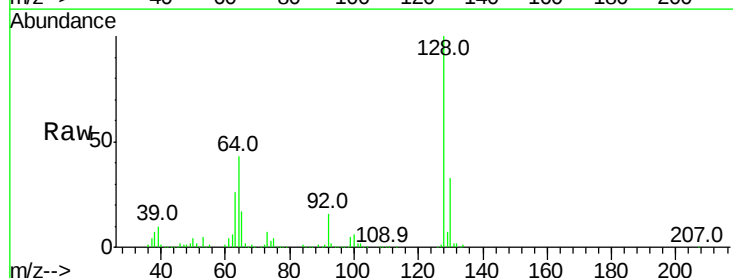
Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Tgt Ion: 128 Resp: 445879

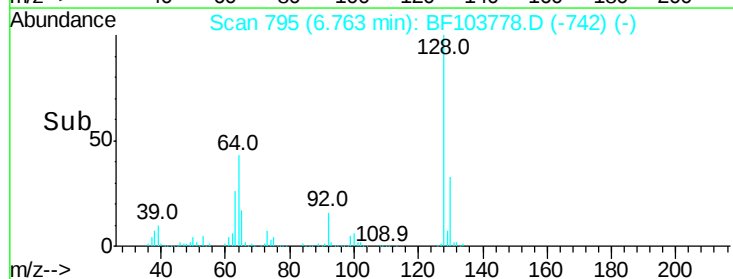
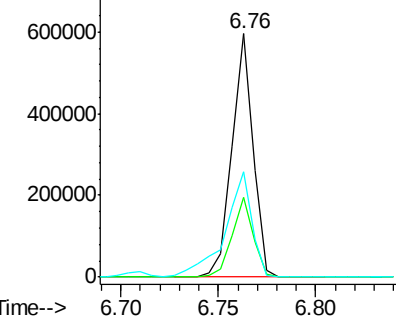
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.0	53.0
64	43.4	29.4	69.4

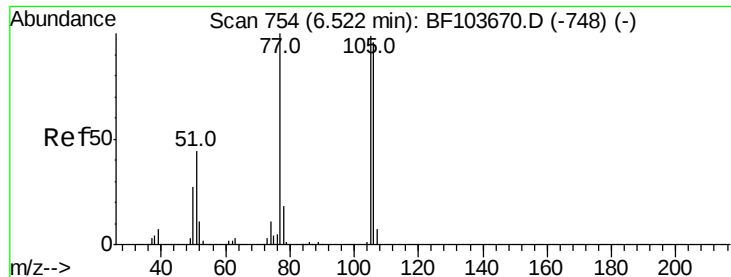


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.349 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

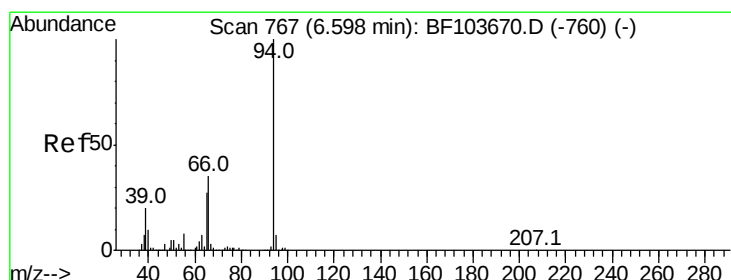
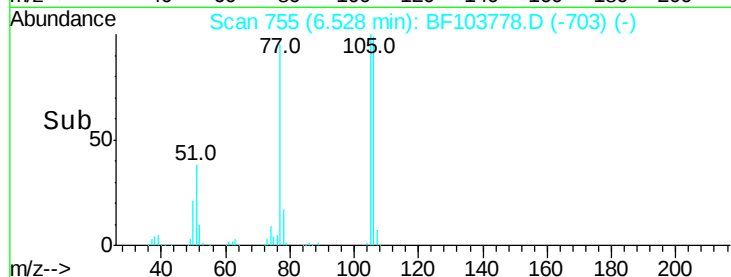
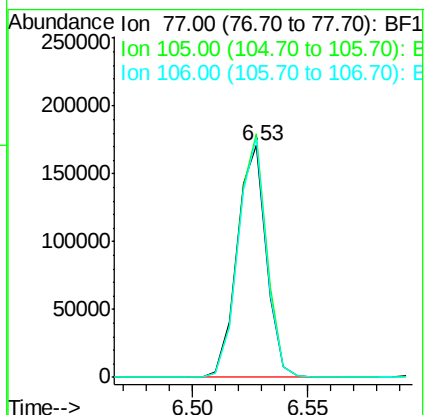
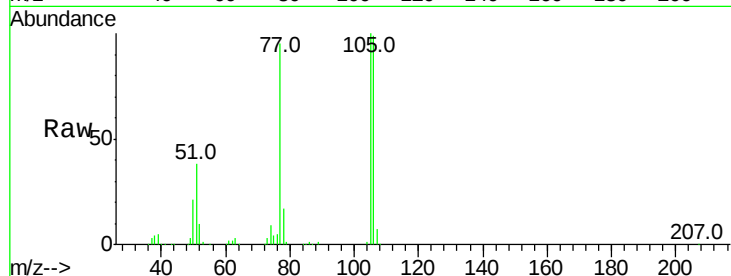
Tot Ion: 77 Resp: 151066

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

106 103.6 74.5 114.5



#10

Phenol

Concen: 46.609 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

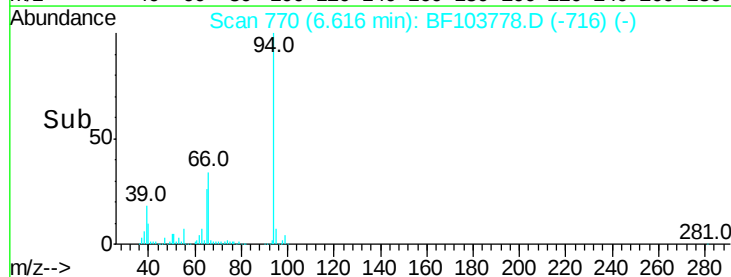
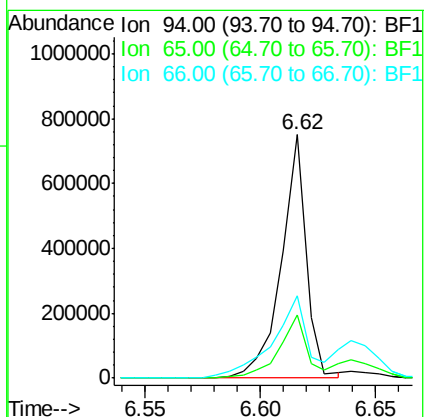
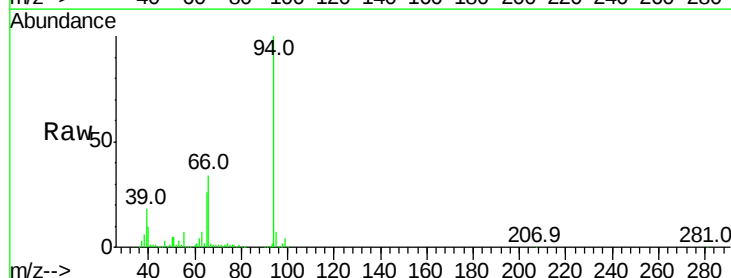
Tgt Ion: 94 Resp: 559651

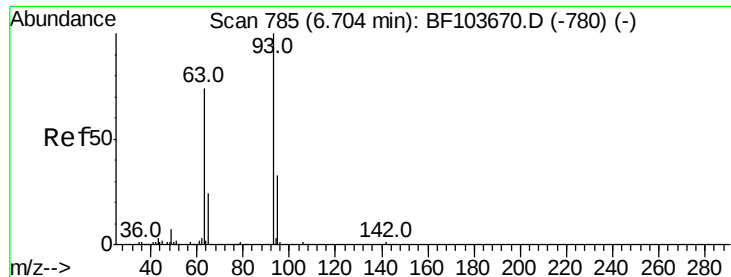
Ion Ratio Lower Upper

94 100

65 26.1 7.9 47.9

66 33.6 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.269 ng

RT: 6.71 min Scan# 786

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

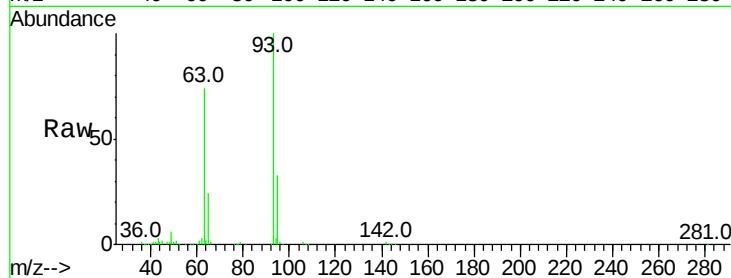
Tot Ion: 93 Resp: 428895

Ion Ratio Lower Upper

93 100

63 73.9 58.6 98.6

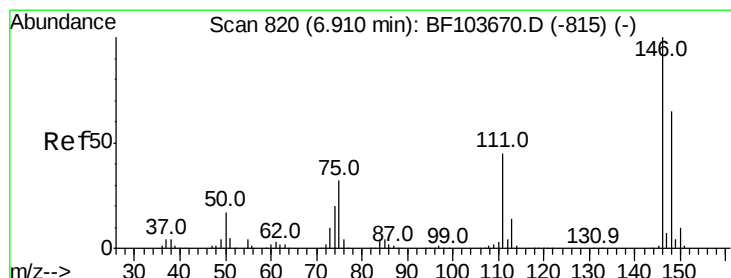
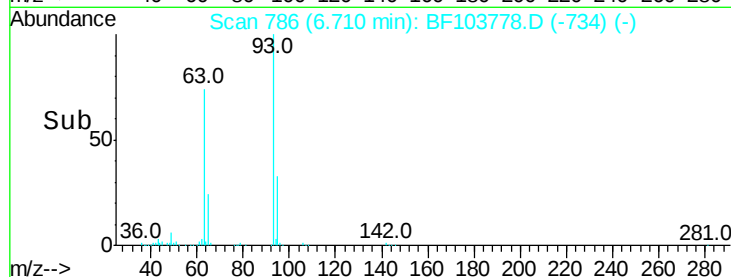
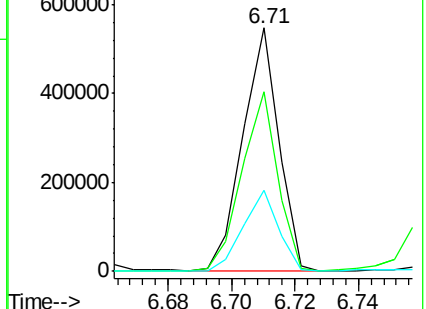
95 33.0 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.681 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

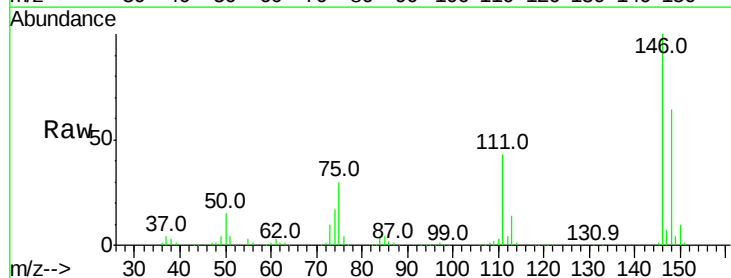
Tgt Ion: 146 Resp: 459318

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.8

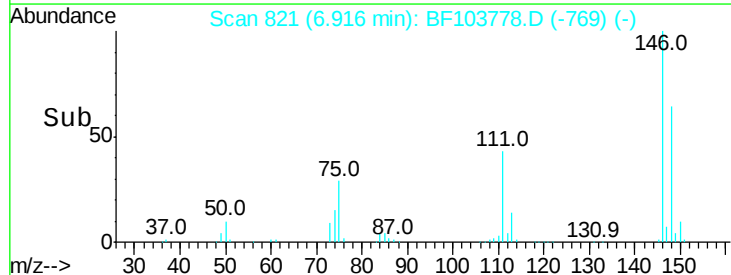
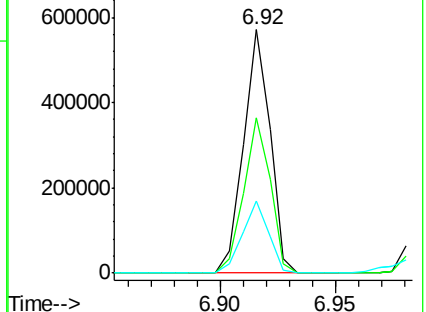
75 29.7 24.2 36.4

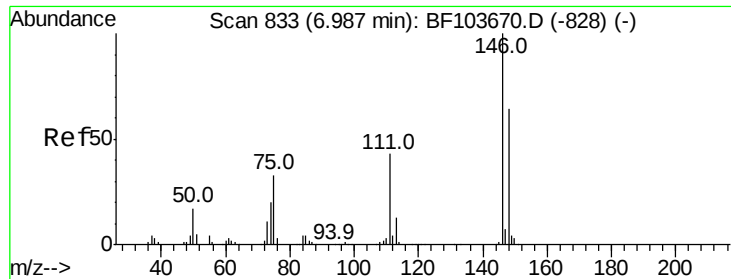


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

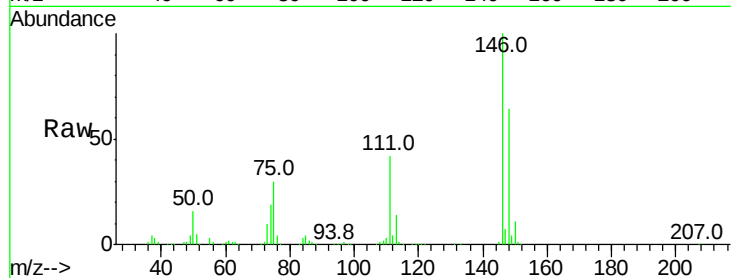




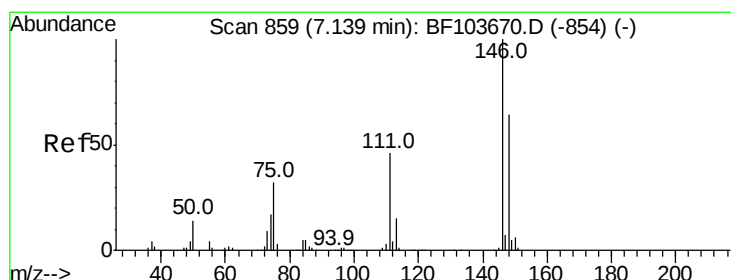
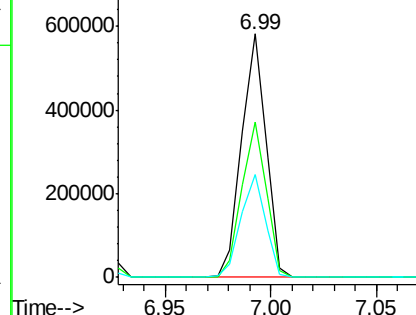
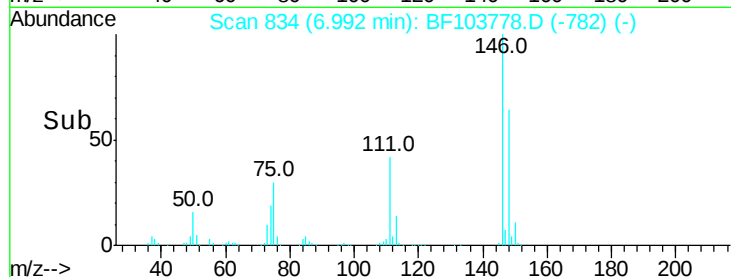
#13
 1,4-Dichlorobenzene
 Concen: 41.830 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.0	34.2	51.2

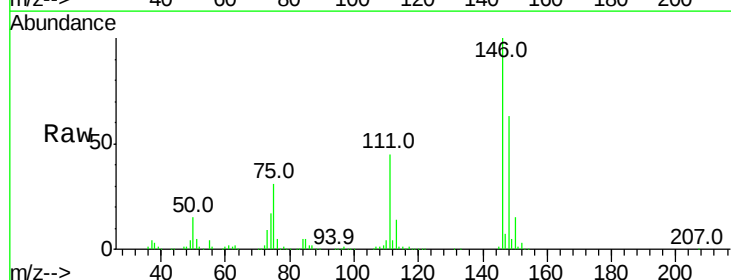


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

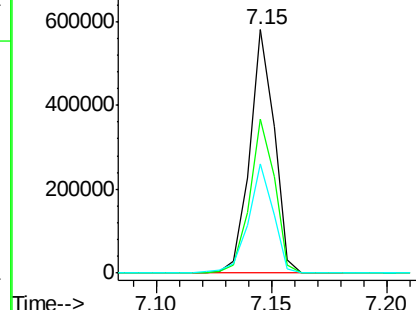
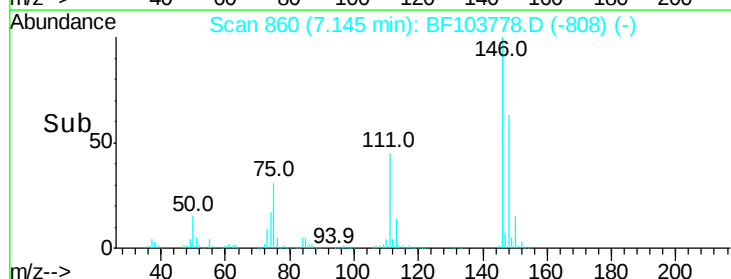


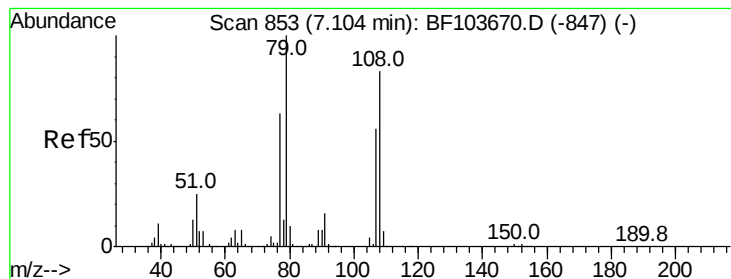
#14
 1,2-Dichlorobenzene
 Concen: 41.940 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.6	75.8
111	45.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.502 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

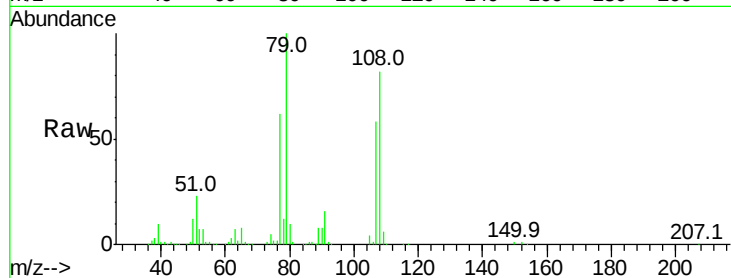
Tot Ion: 79 Resp: 380868

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

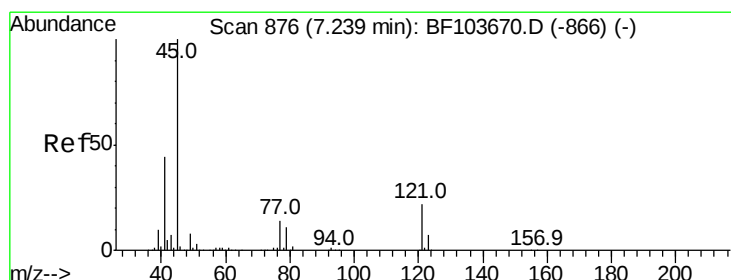
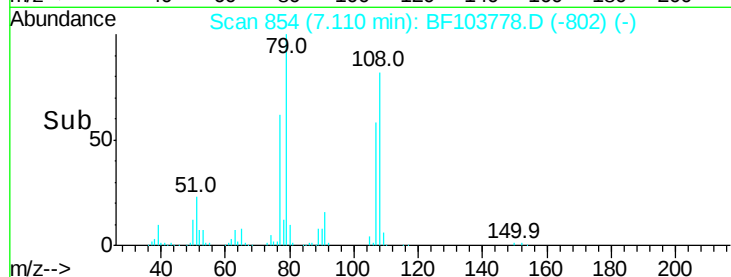
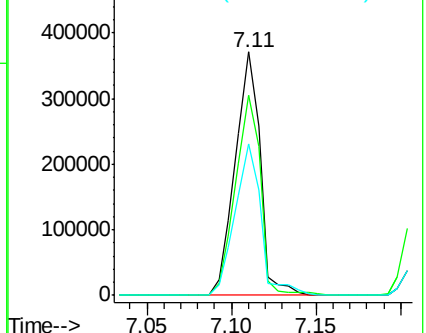
77 62.4 50.6 75.8



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: 40.617 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

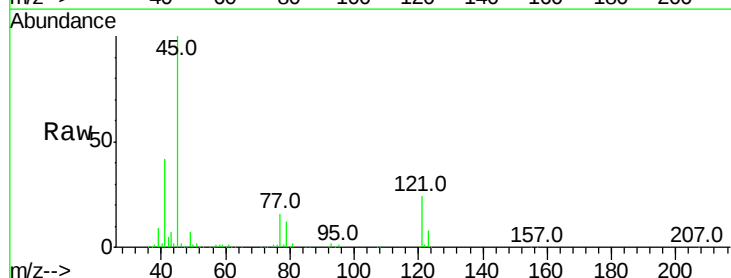
Tgt Ion: 45 Resp: 572632

Ion Ratio Lower Upper

45 100

77 15.6 0.0 32.9

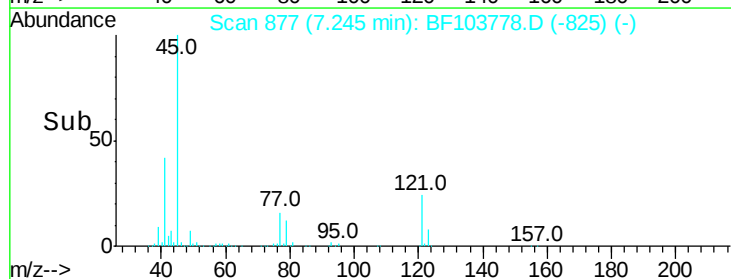
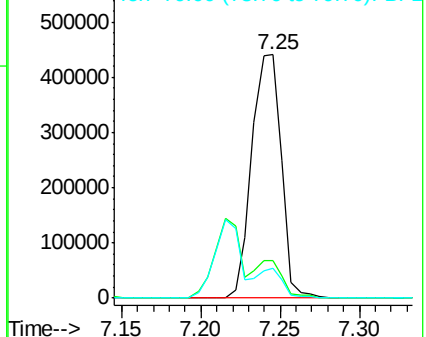
79 12.3 0.0 29.6

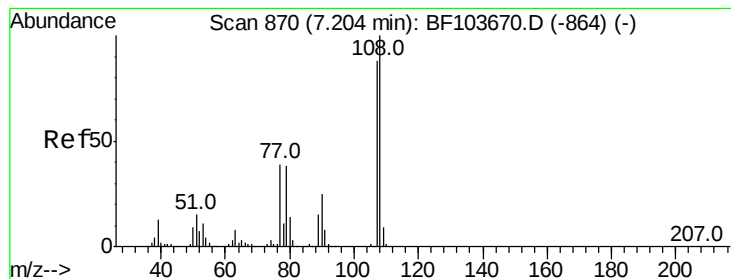


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

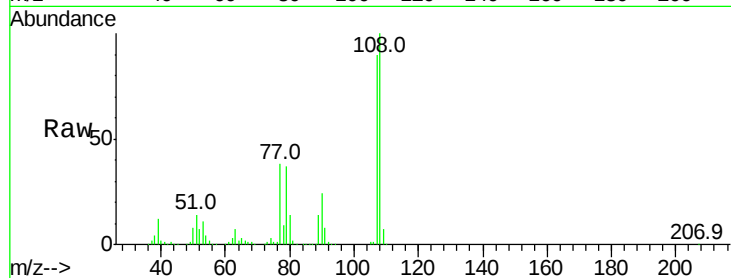




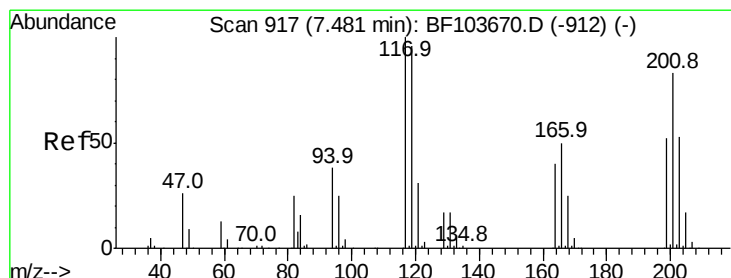
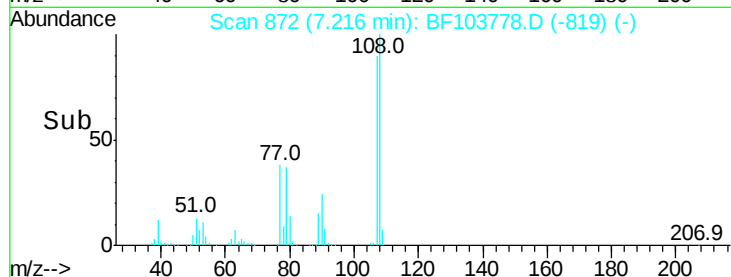
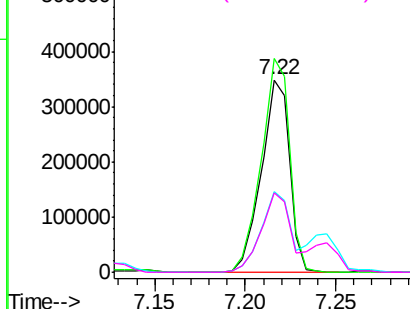
#17
2-Methylphenol
Concen: 43.902 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 378272
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 41.7 33.8 50.8
79 41.0 33.8 50.8

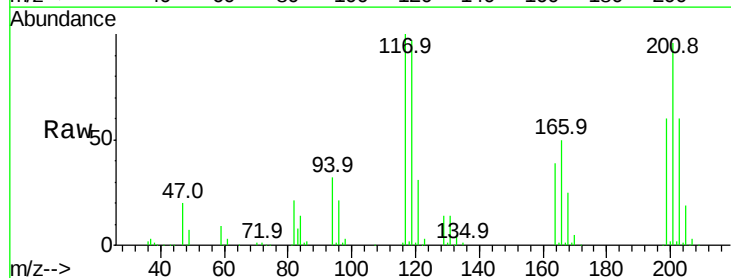


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

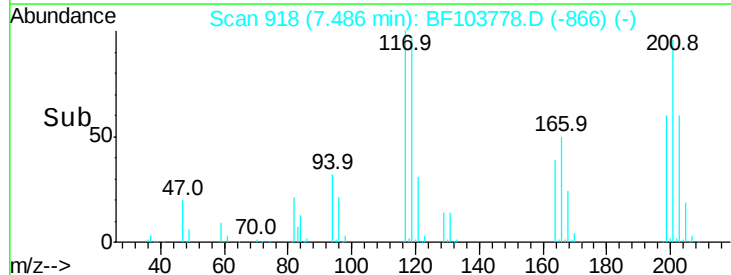
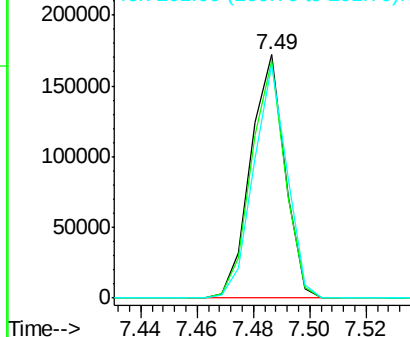


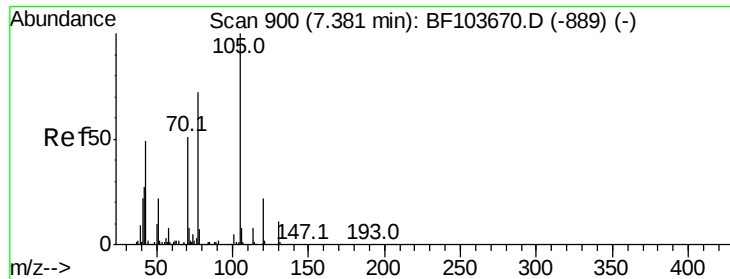
#18
Hexachloroethane
Concen: 37.142 ng
RT: 7.49 min Scan# 918
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:117 Resp: 144675
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 95.8 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

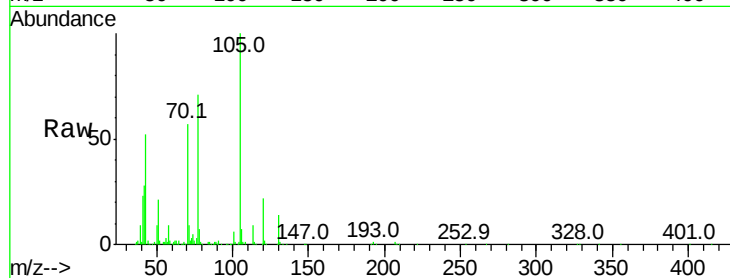




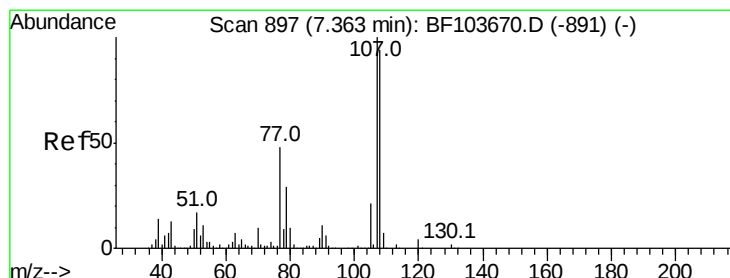
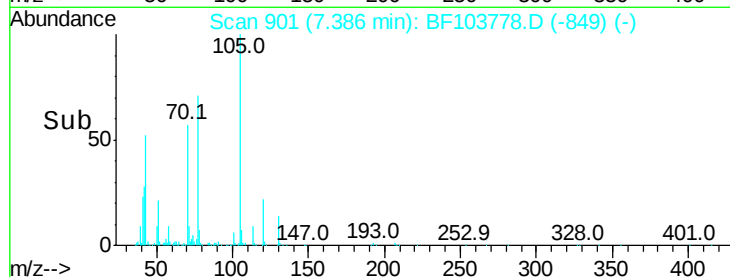
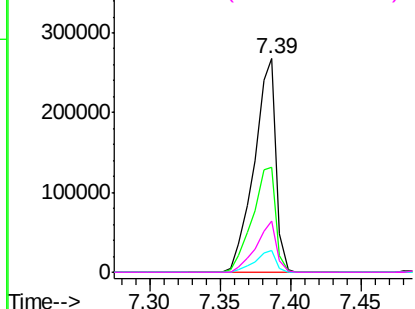
#19
n-Nitroso-di-n-propylamine
Concen: 40.247 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 291461
Ion Ratio Lower Upper
70 100
42 49.3 47.5 71.3
101 10.2 7.4 11.2
130 23.8 16.6 25.0

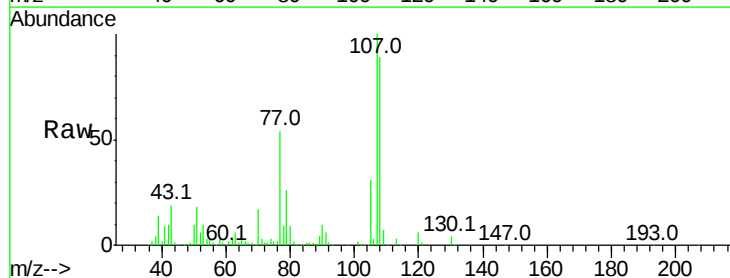


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

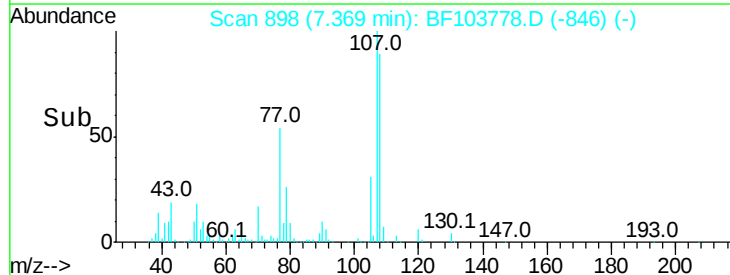
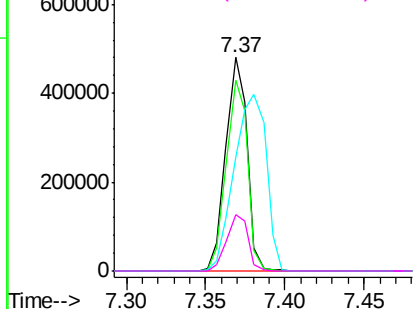


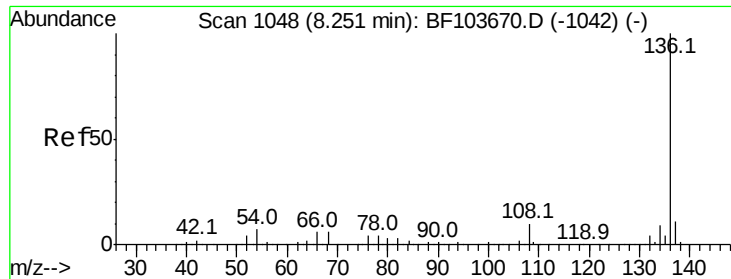
#20
3+4-Methylphenols
Concen: 41.187 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:107 Resp: 450370
Ion Ratio Lower Upper
107 100
108 89.2 68.2 108.2
77 53.6 26.7 66.7
79 26.3 6.3 46.3



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

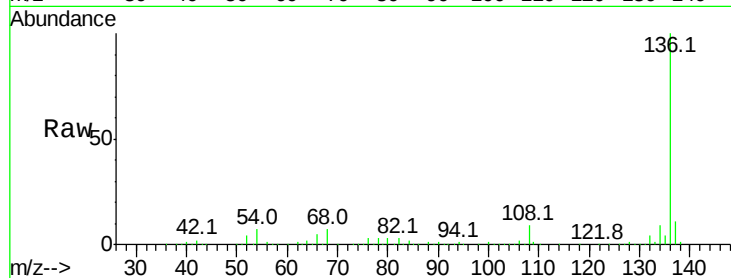




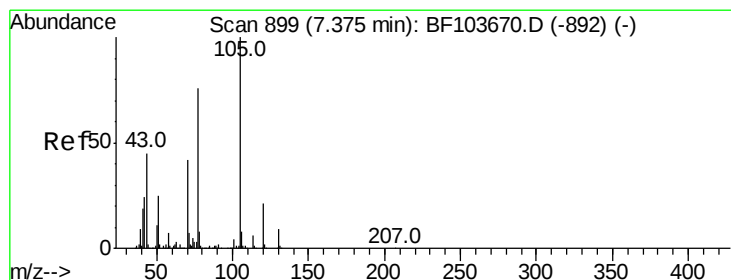
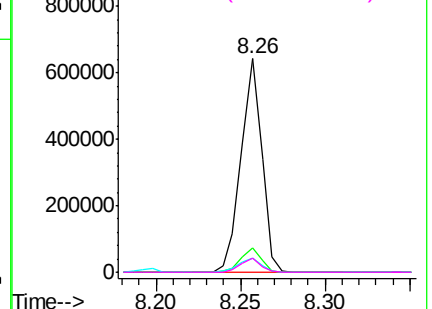
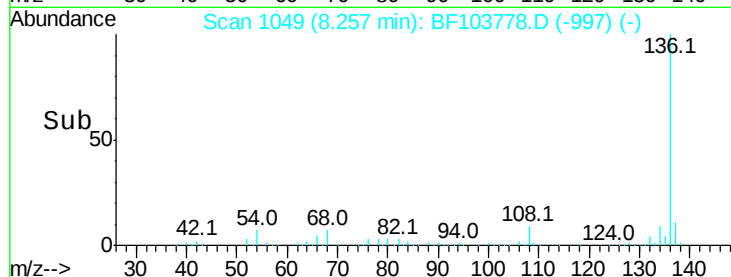
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	550169
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	6.9	6.6 9.8
68	6.6	5.0 7.4

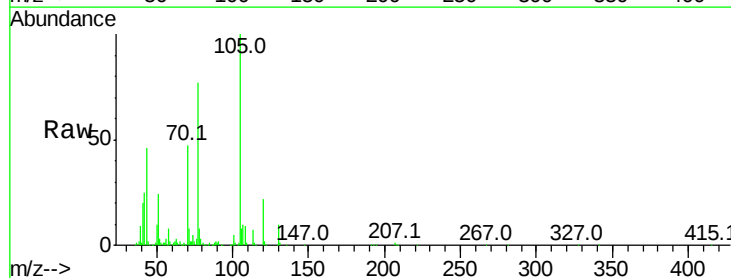


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

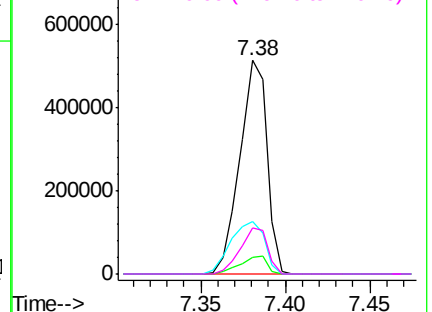
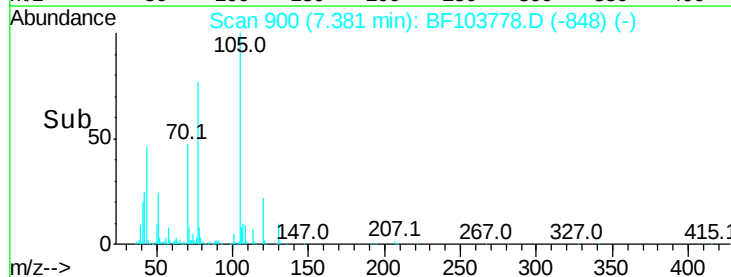


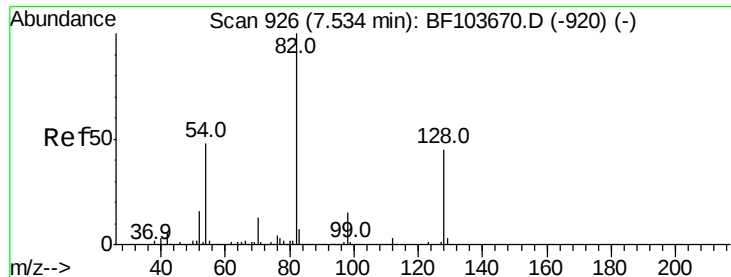
#22
Acetophenone
Concen: 40.714 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:105	Resp:	575683
Ion Ratio	Lower	Upper
105	100	
71	7.8	4.4 6.6#
51	24.5	22.3 33.5
120	21.8	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

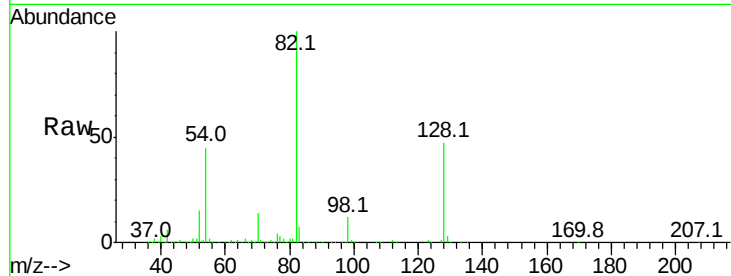




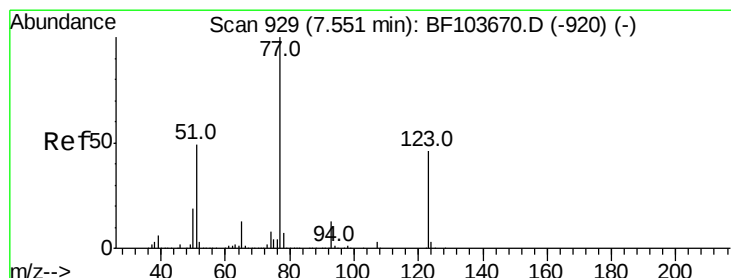
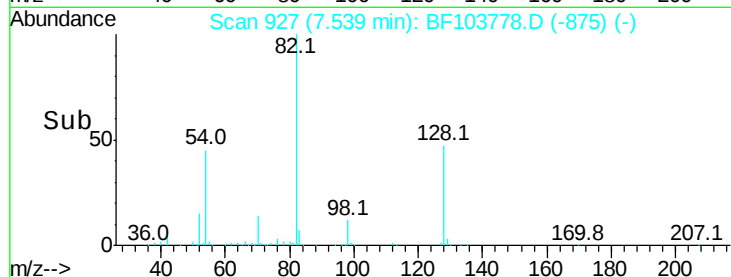
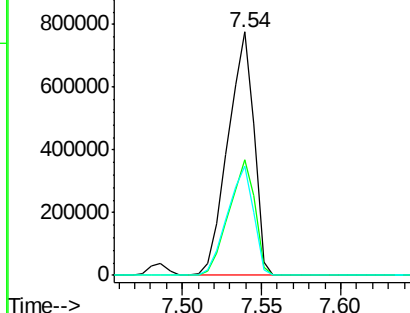
#23
Nitrobenzene-d5
Concen: 112.257 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 885635
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 44.8 41.4 62.2

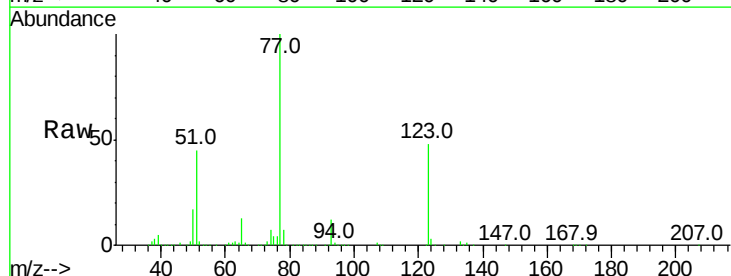


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

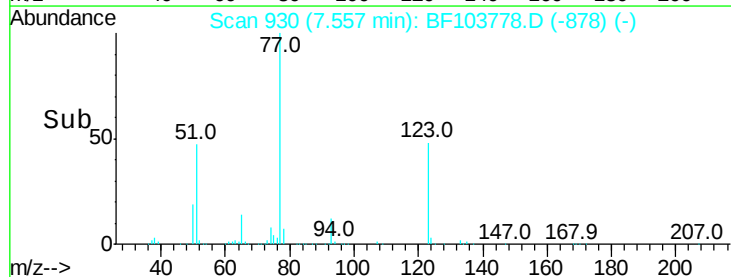
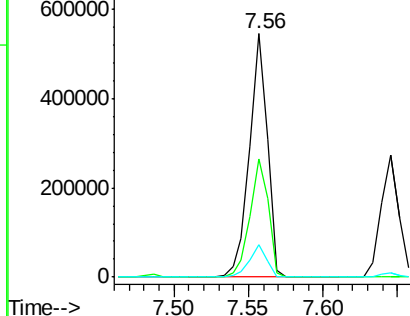


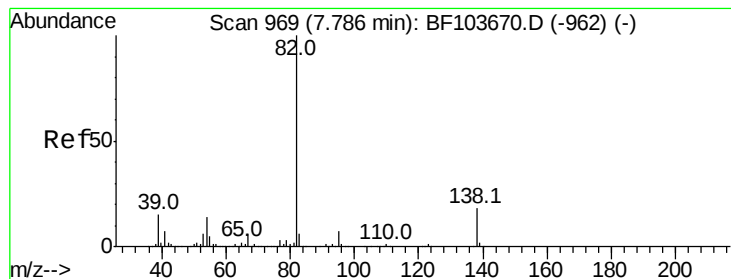
#24
Nitrobenzene
Concen: 49.055 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion: 77 Resp: 454355
Ion Ratio Lower Upper
77 100
123 48.5 37.9 56.9
65 13.3 11.0 16.4



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





#25

Isophorone

Concen: 45.907 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

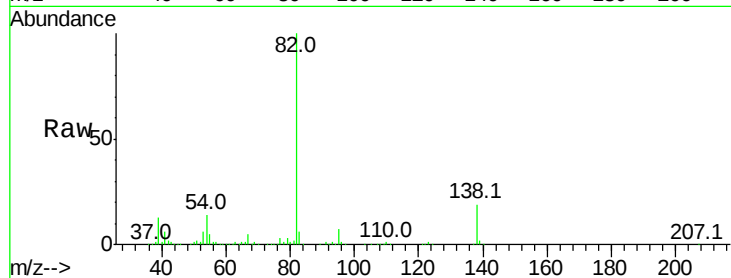
Tot Ion: 82 Resp: 838415

Ion Ratio Lower Upper

82 100

95 6.8 5.2 7.8

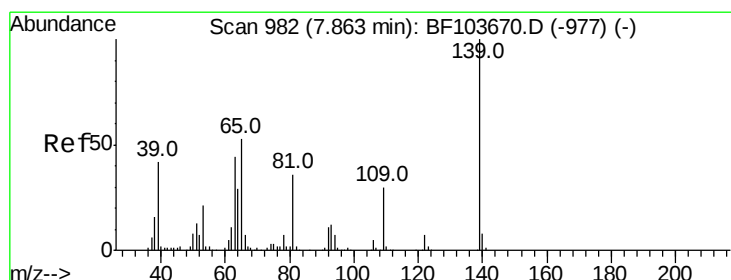
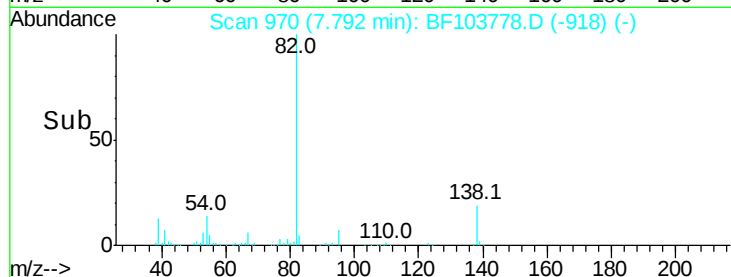
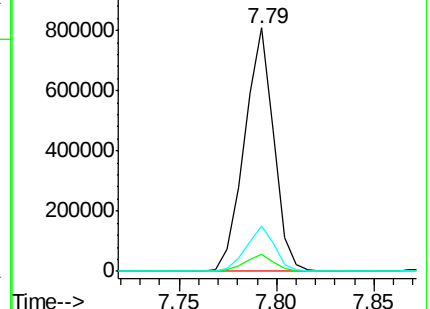
138 18.6 14.9 22.3



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: 58.416 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

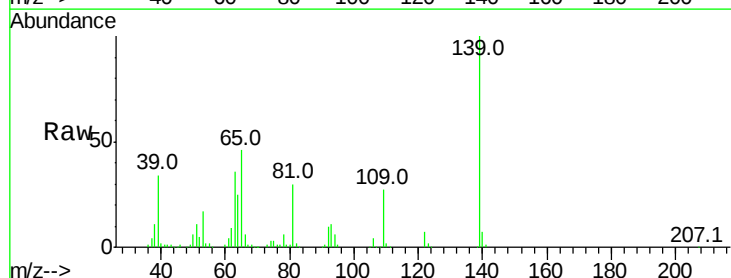
Tgt Ion: 139 Resp: 214846

Ion Ratio Lower Upper

139 100

109 27.1 22.7 34.1

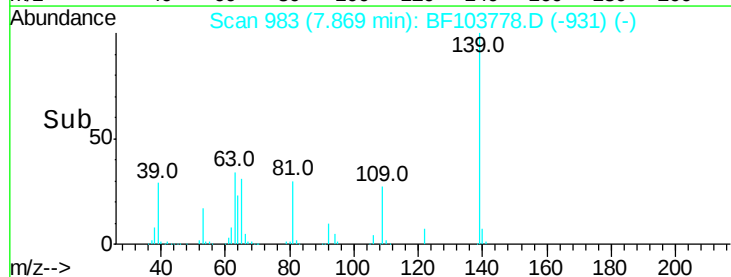
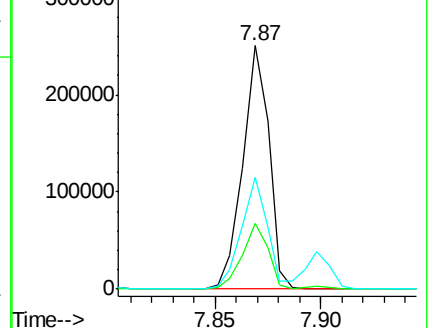
65 45.7 40.5 60.7

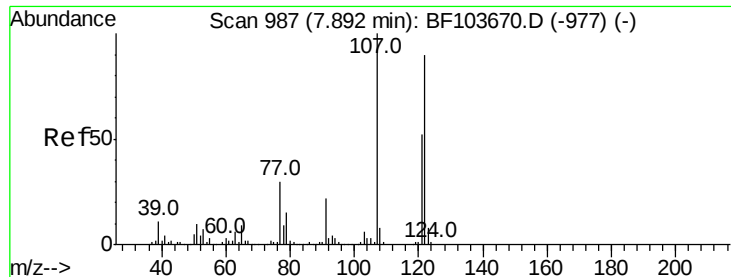


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

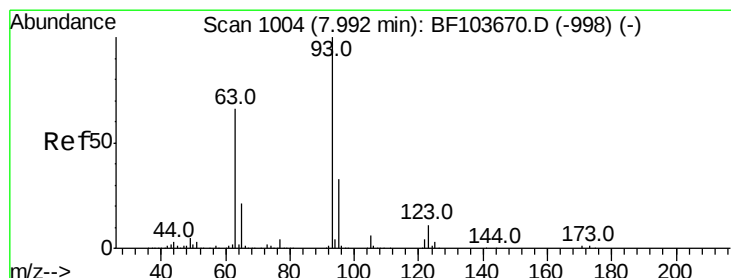
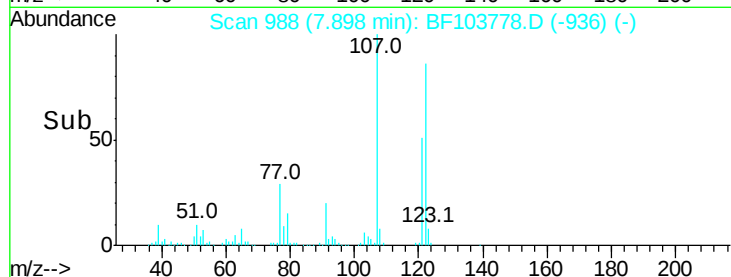
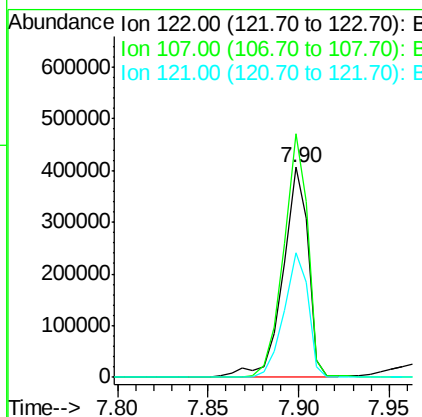
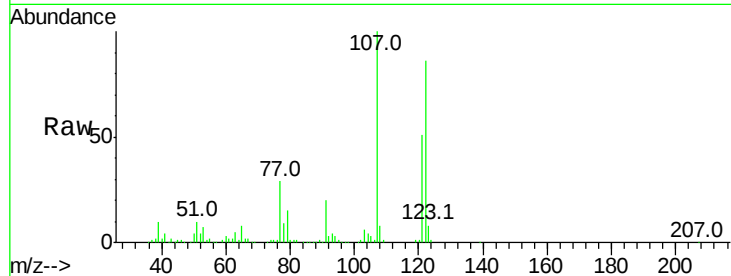




#27
 2,4-Dimethylphenol
 Concen: 50.744 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

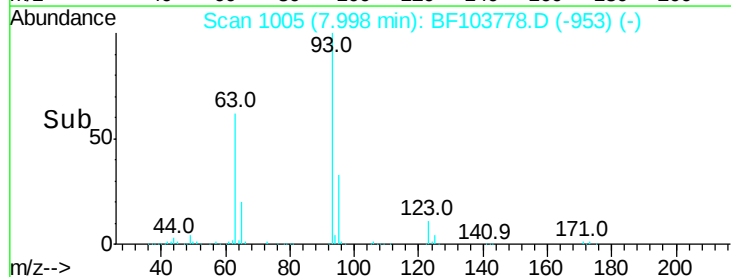
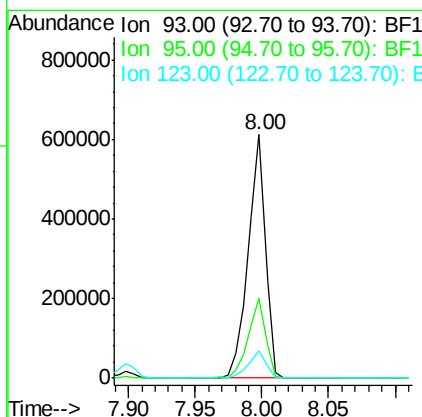
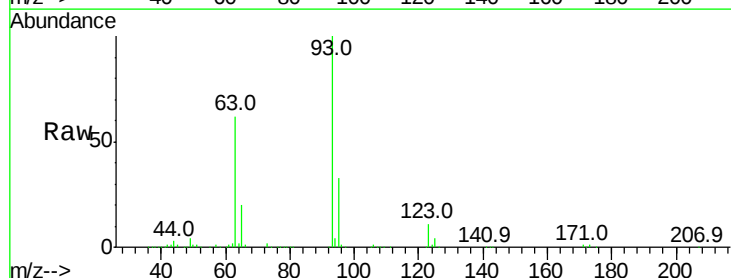
Instrument :
 BNA_F
 ClientSampleId :

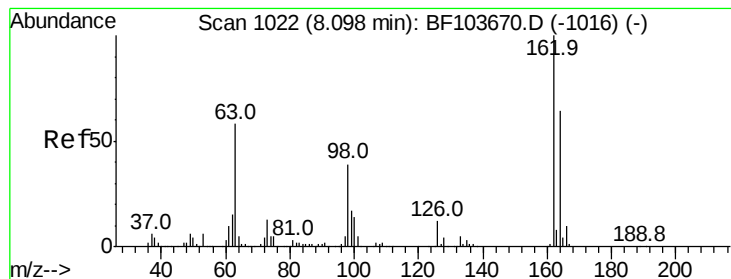
Tot Ion:122 Resp: 397016
 Ion Ratio Lower Upper
 122 100
 107 115.9 91.2 136.8
 121 59.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.889 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion: 93 Resp: 540667
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.3 39.5
 123 11.3 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 50.245 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampled :

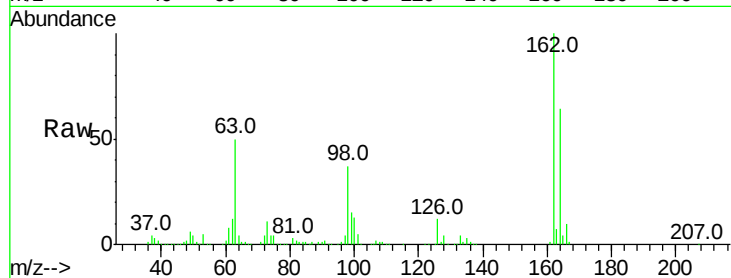
Tot Ion:162 Resp: 357649

Ion Ratio Lower Upper

162 100

164 64.0 42.7 82.7

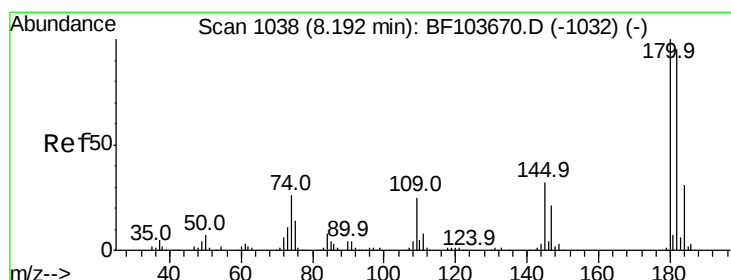
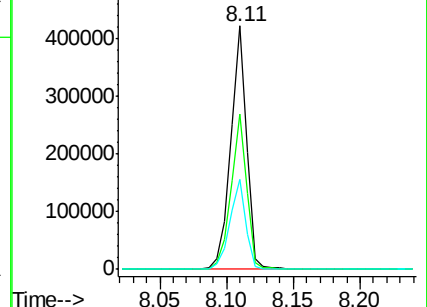
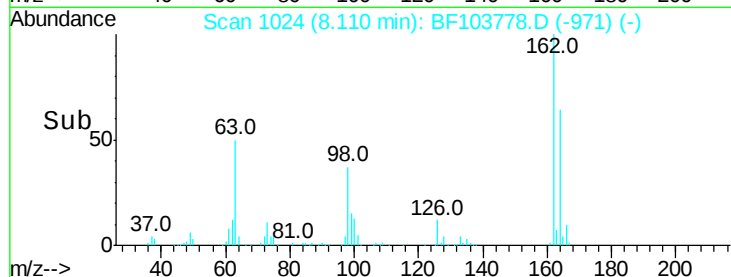
98 37.1 18.1 58.1



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: 44.164 ng

RT: 8.20 min Scan# 1039

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

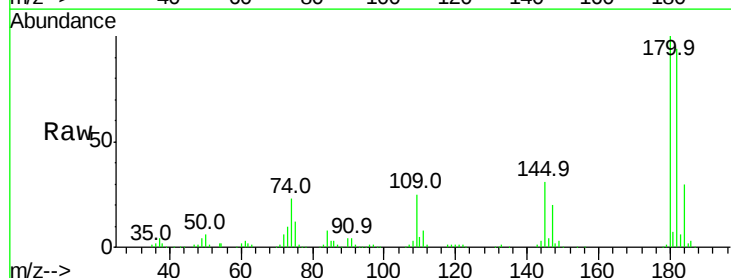
Tgt Ion:180 Resp: 364615

Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

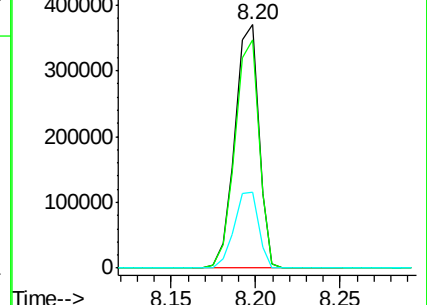
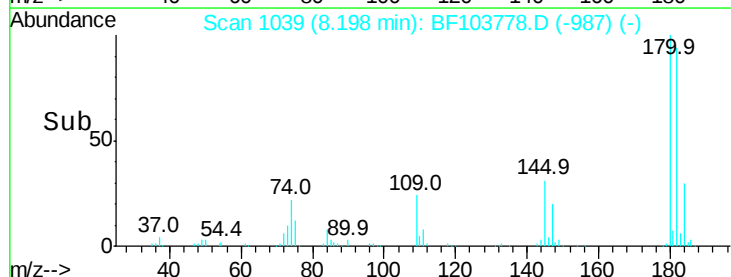
145 31.2 26.5 39.7

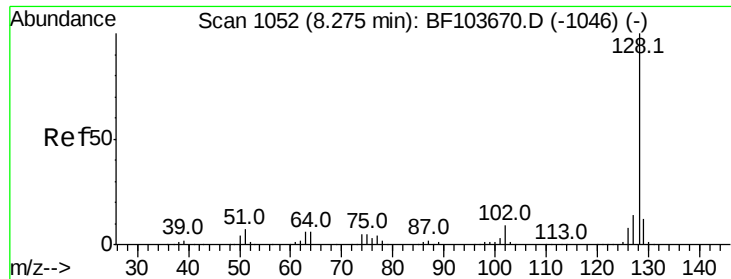


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.308 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

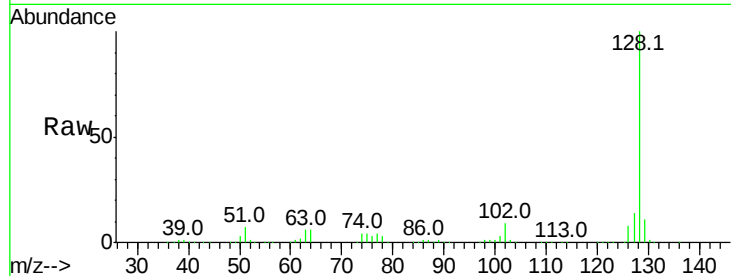
Tot Ion:128 Resp: 1203611

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

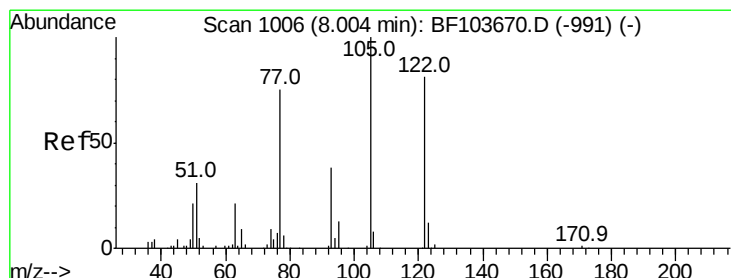
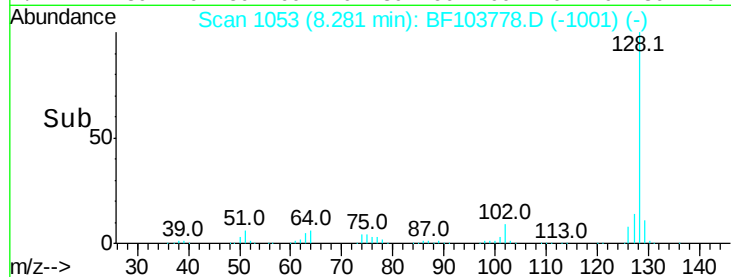
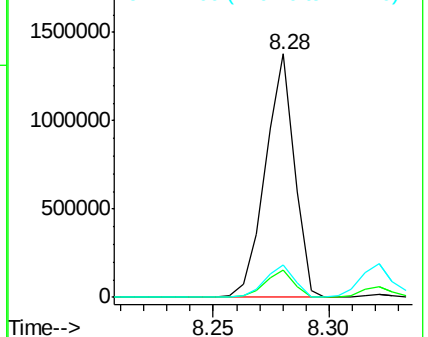
127 13.5 10.9 16.3



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: 16.313 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

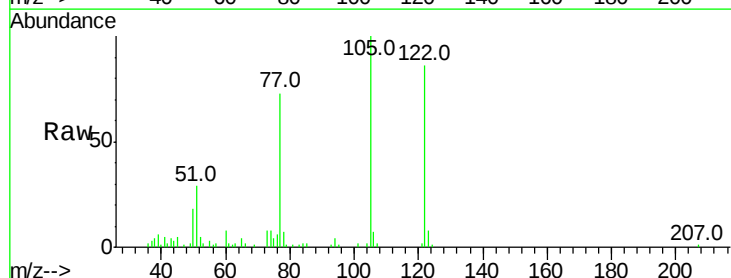
Tgt Ion:122 Resp: 44571

Ion Ratio Lower Upper

122 100

105 115.7 101.1 141.1

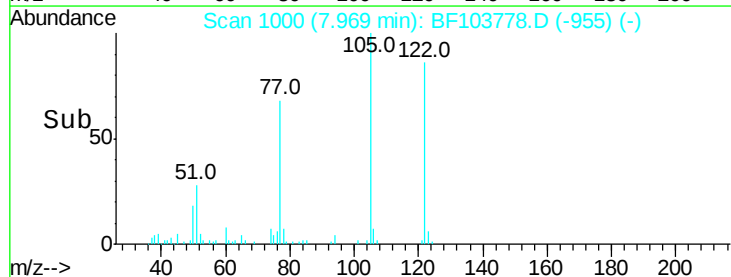
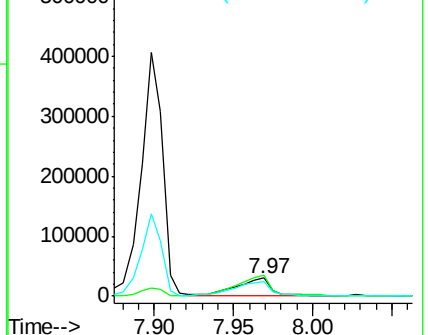
77 84.2 70.7 110.7

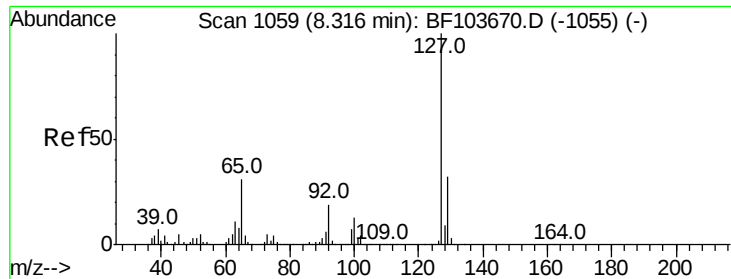


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

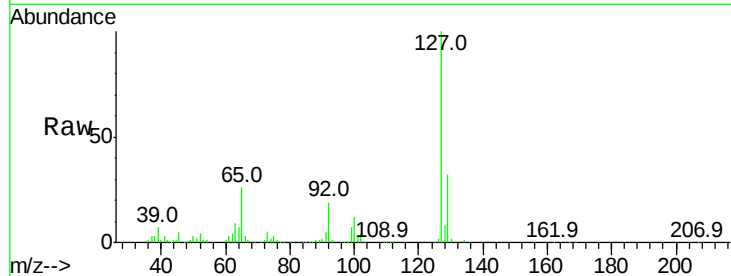




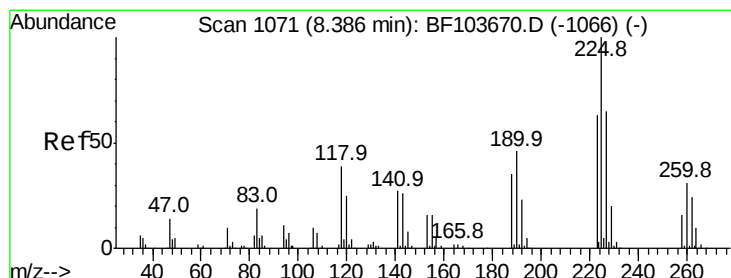
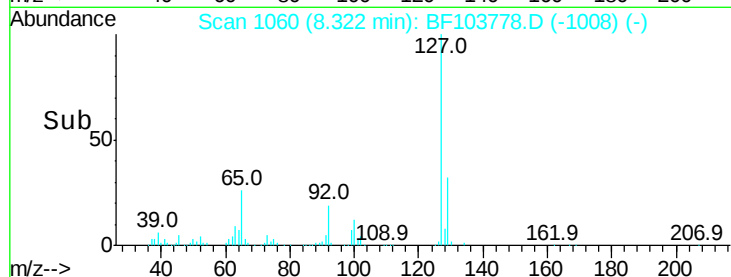
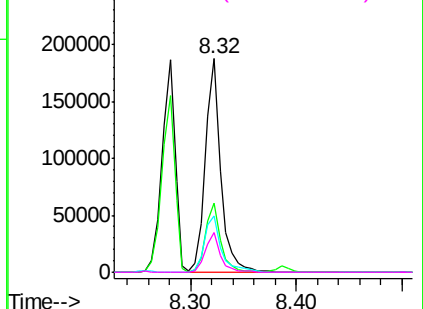
#33
4-Chloroaniline
Concen: 16.306 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	190123
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	26.2	25.0	37.4
92	18.8	15.2	22.8

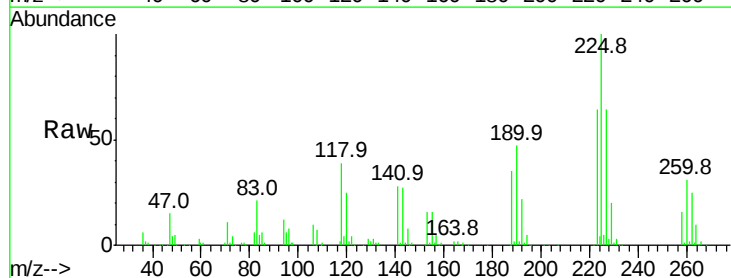


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

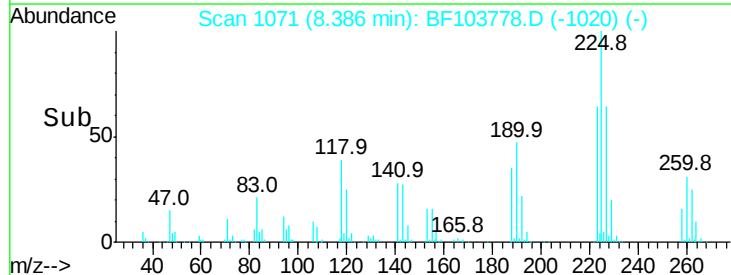
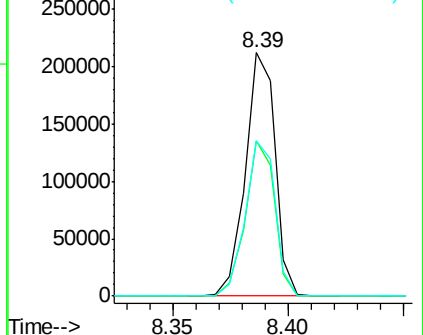


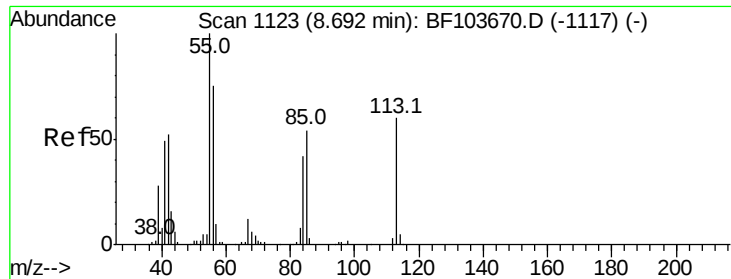
#34
Hexachlorobutadiene
Concen: 42.124 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:	225	Resp:	190675
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.5	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: 35.196 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampled :

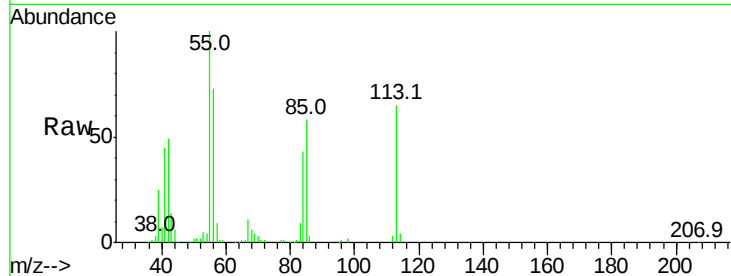
Tot Ion:113 Resp: 86268

Ion Ratio Lower Upper

113 100

55 153.9 163.3 203.3#

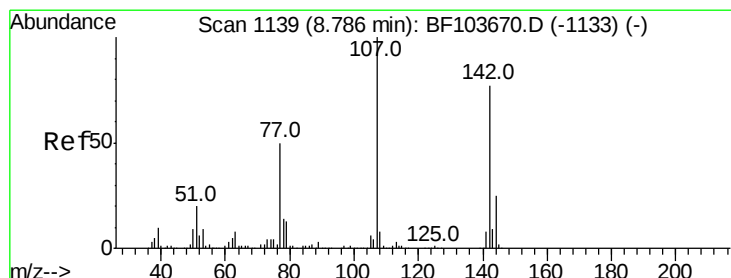
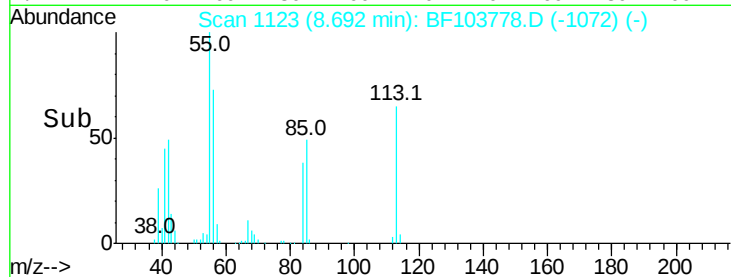
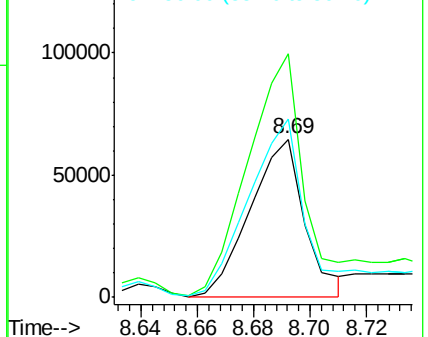
56 112.7 115.7 155.7#



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: 47.617 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

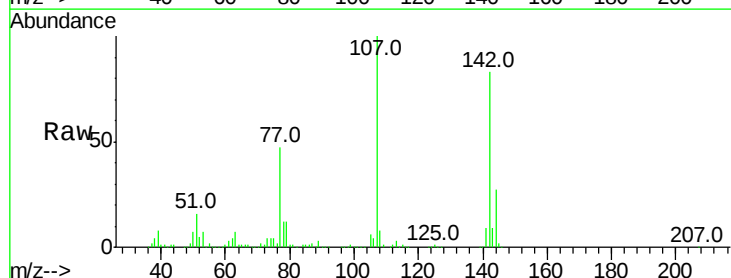
Tgt Ion:107 Resp: 373661

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

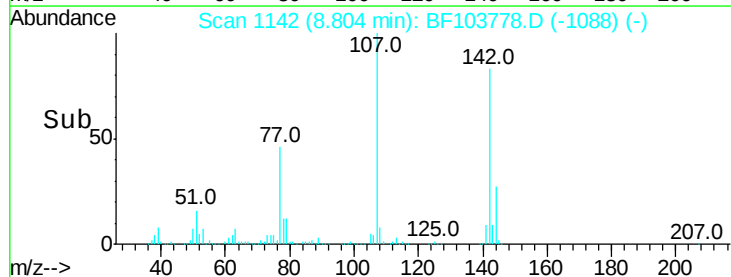
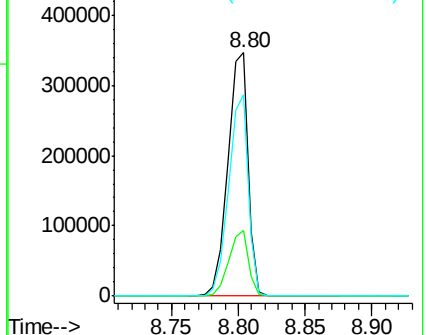
142 82.9 62.0 93.0

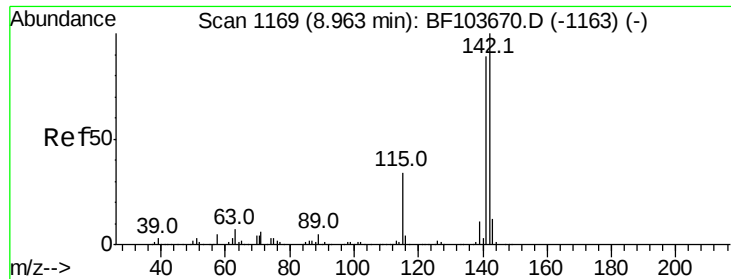


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

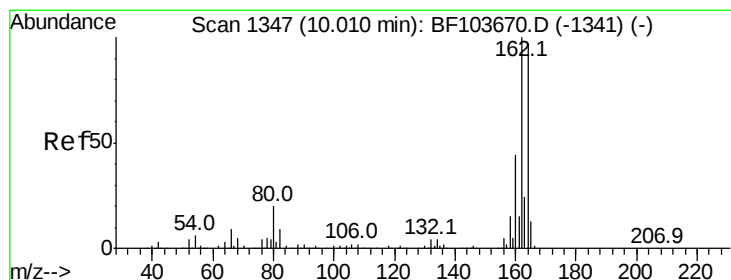
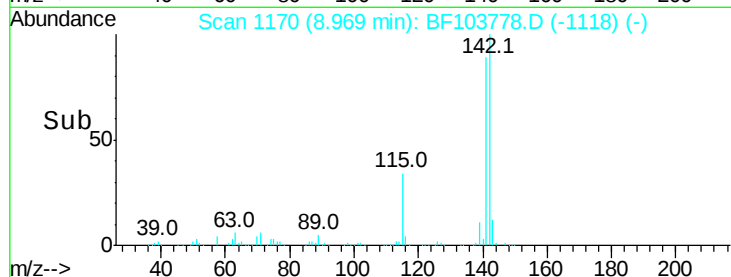
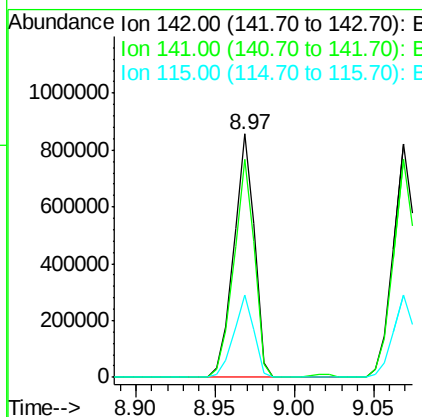
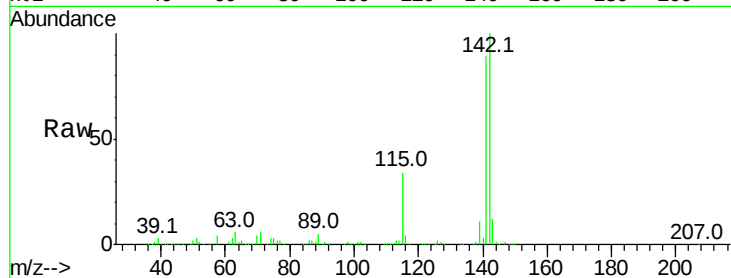




#37
 2-Methylnaphthalene
 Concen: 43.947 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

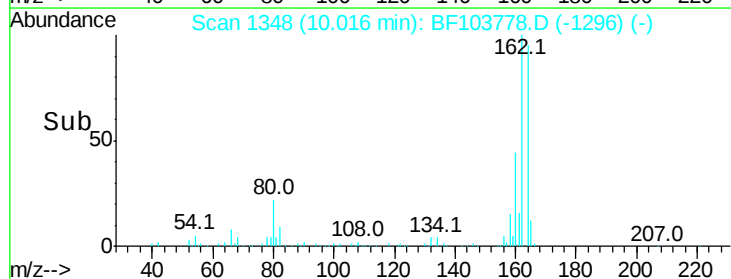
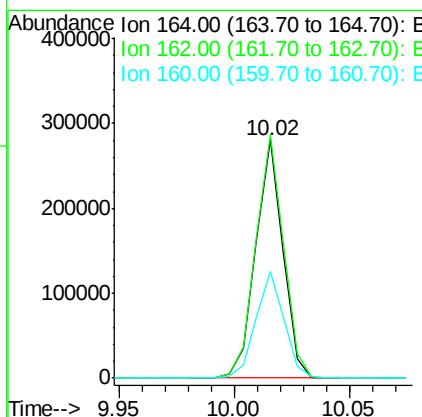
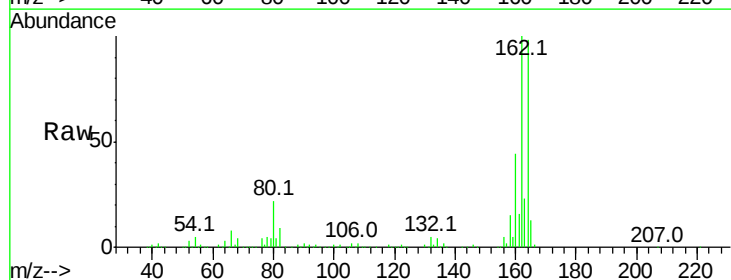
Instrument :
 BNA_F
 ClientSampled :

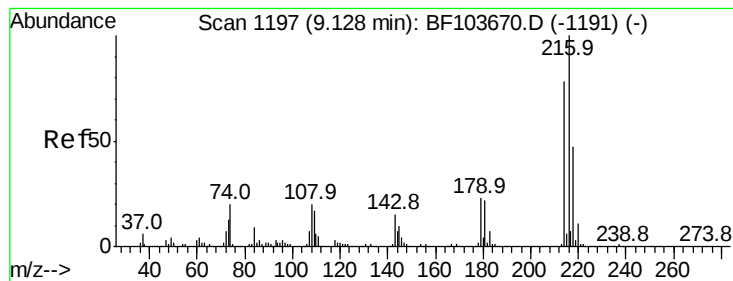
Tot Ion:142 Resp: 774541
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 33.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:164 Resp: 231487
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 44.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.714 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 321707

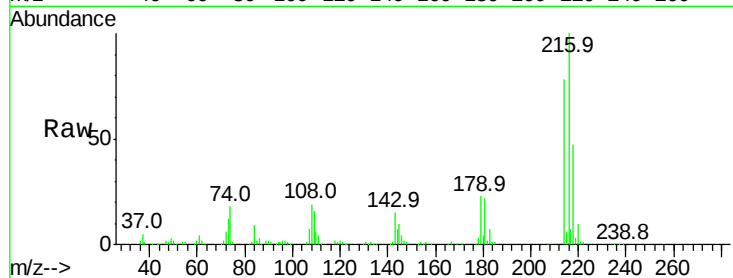
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 22.5 18.1 27.1

108 19.6 17.2 25.8

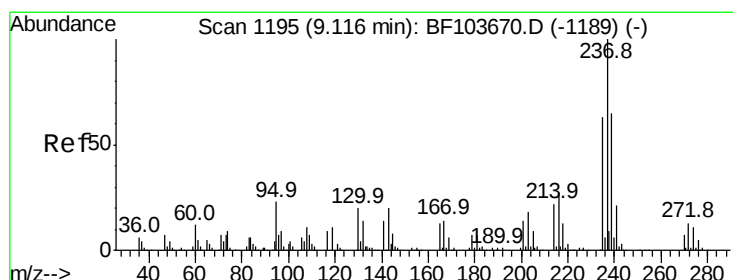
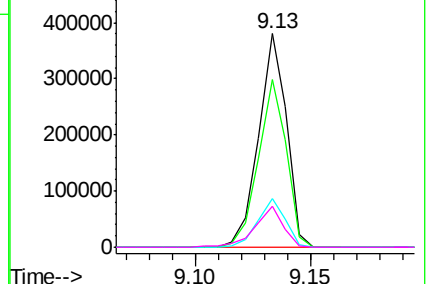
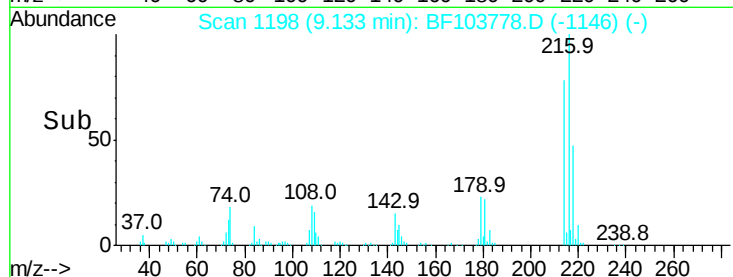


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 32.607 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

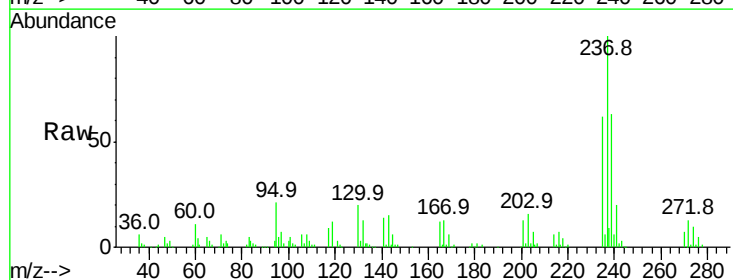
Tgt Ion:237 Resp: 111114

Ion Ratio Lower Upper

237 100

235 62.4 44.8 84.8

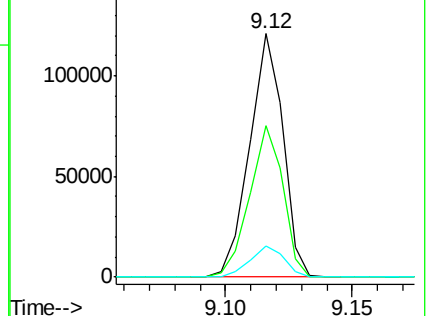
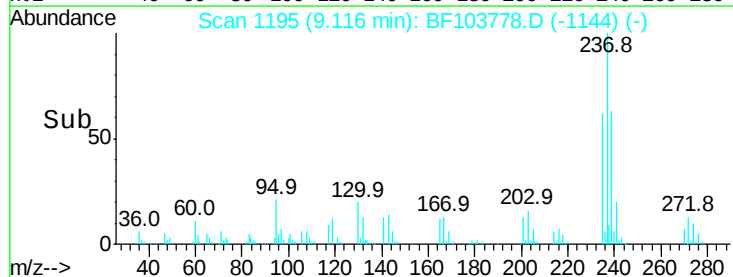
272 12.7 0.0 33.3

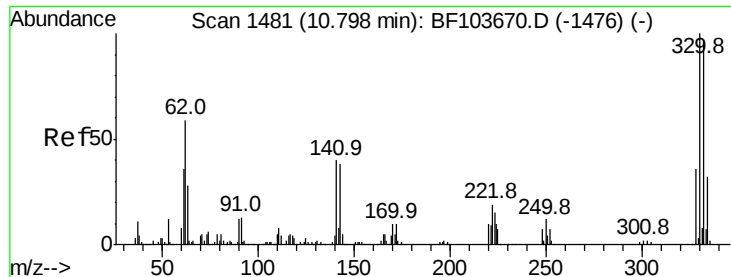


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

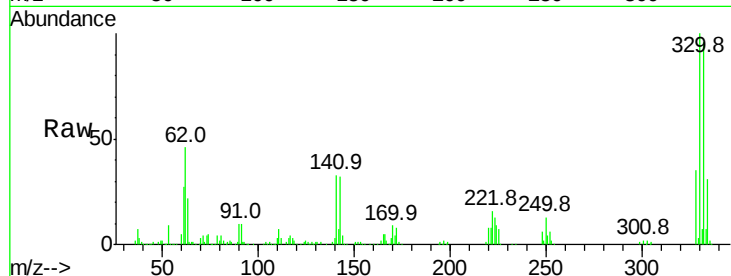




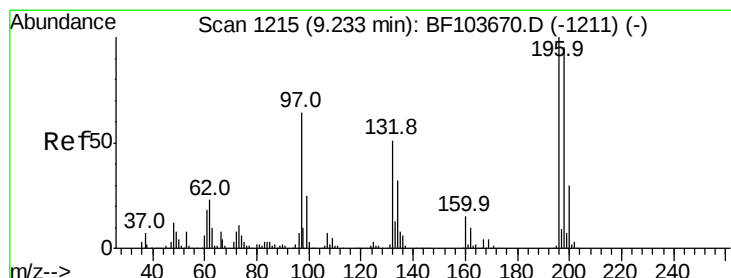
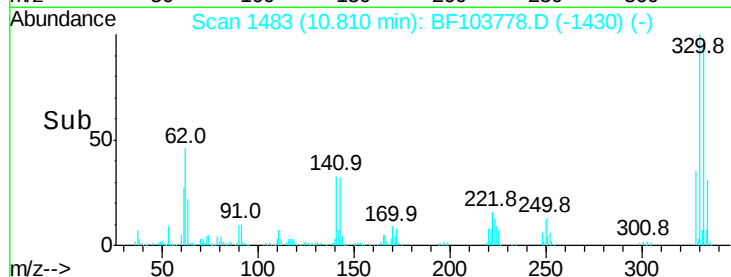
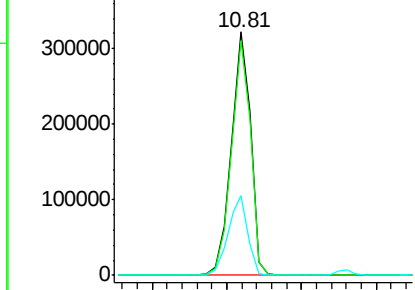
#41
 2,4,6-Tribromophenol
 Concen: 148.880 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.9	29.9	44.9

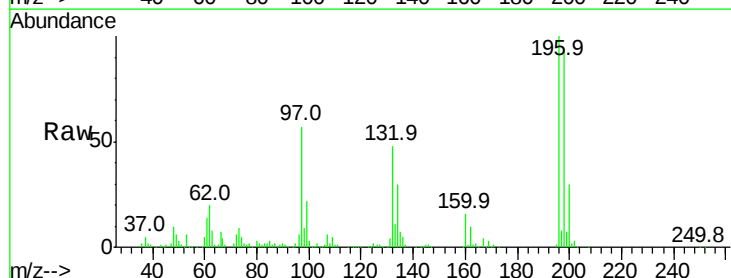


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

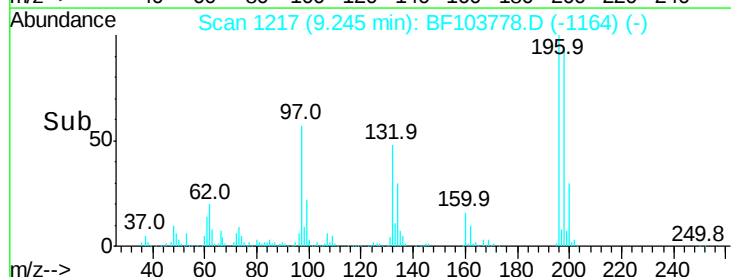
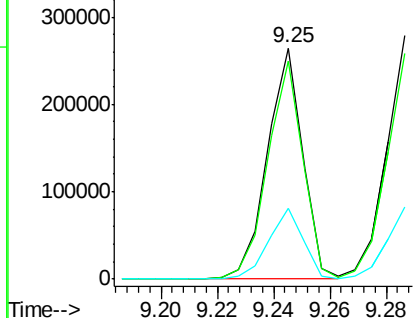


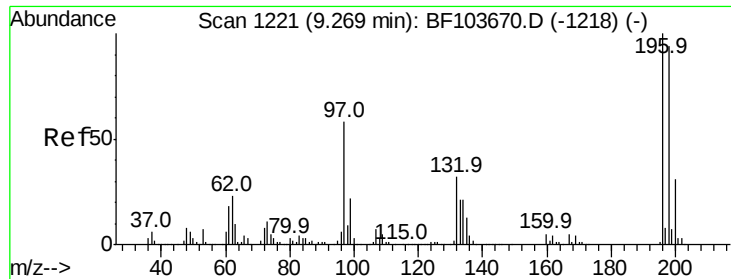
#42
 2,4,6-Trichlorophenol
 Concen: 54.486 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
200	30.4	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

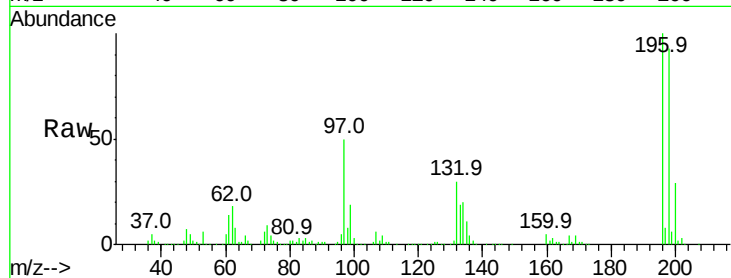




#43
2,4,5-Trichlorophenol
Concen: 51.395 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.6	112.0
97	50.1	42.9	64.3
132	29.6	26.3	39.5



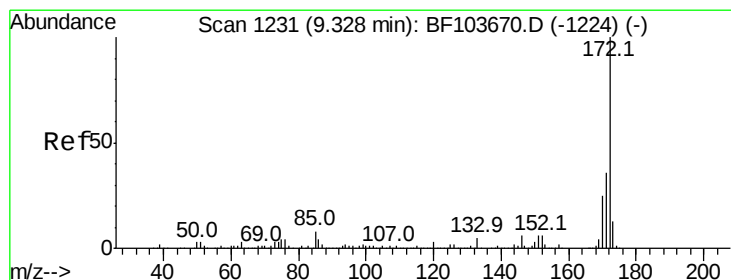
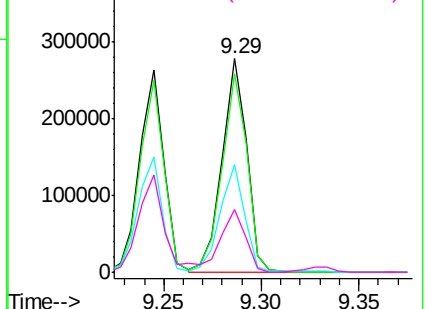
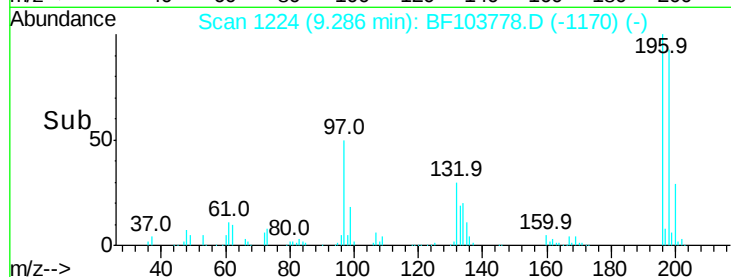
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

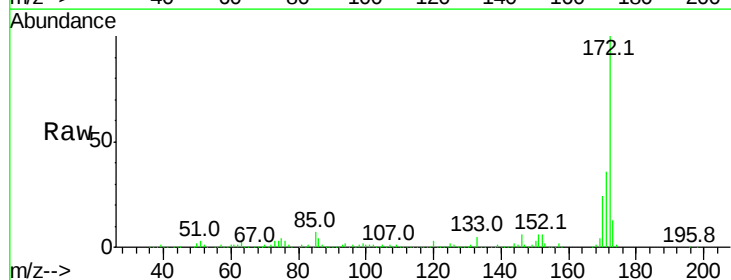
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 92.931 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.1	19.6	29.4

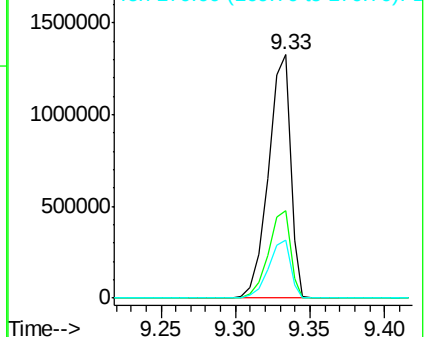
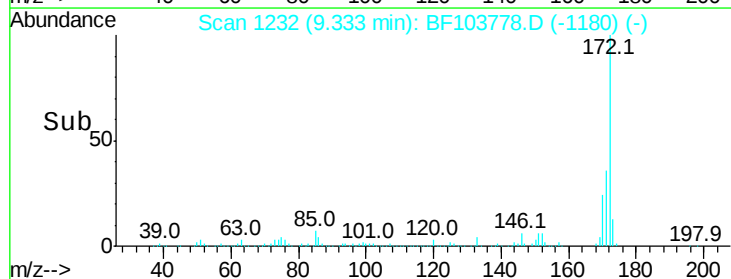


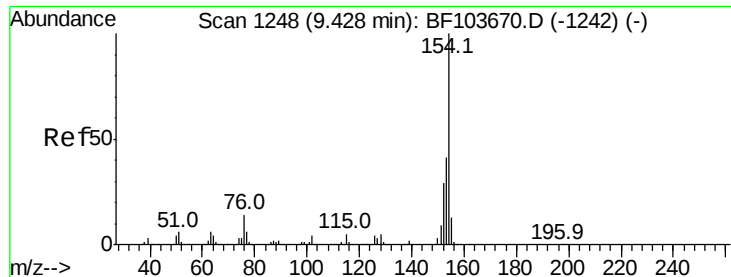
Abundance

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: 45.227 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampled :

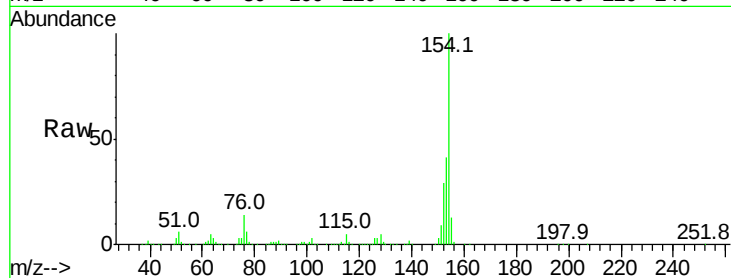
Tot Ion:154 Resp: 873008

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

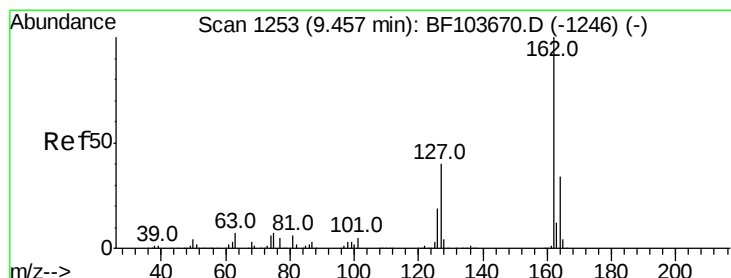
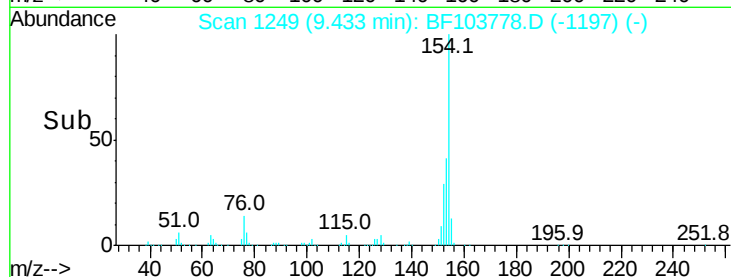
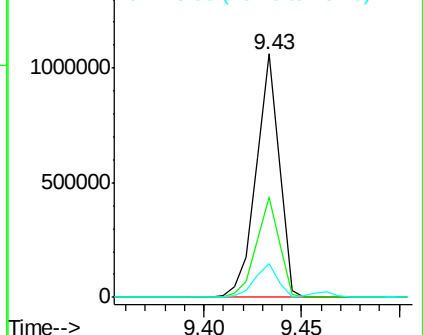
76 13.8 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 45.889 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

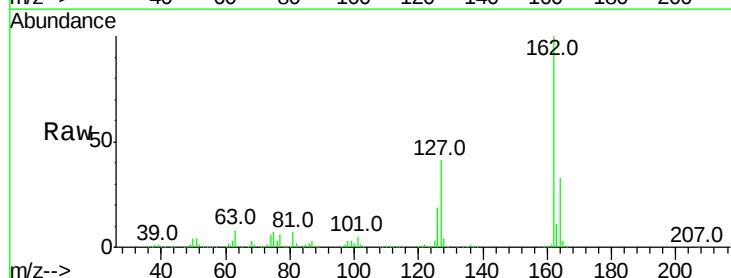
Tgt Ion:162 Resp: 703545

Ion Ratio Lower Upper

162 100

127 41.4 33.9 50.9

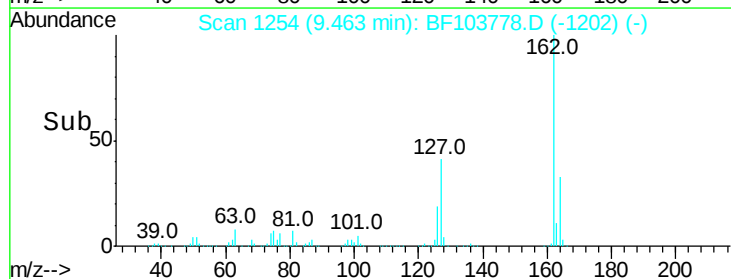
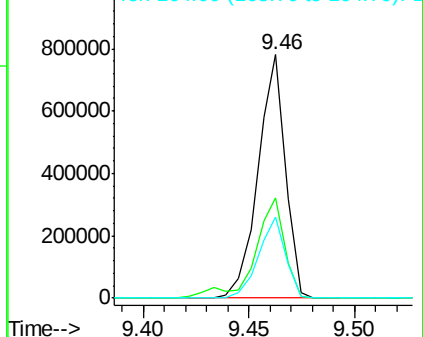
164 33.2 26.5 39.7

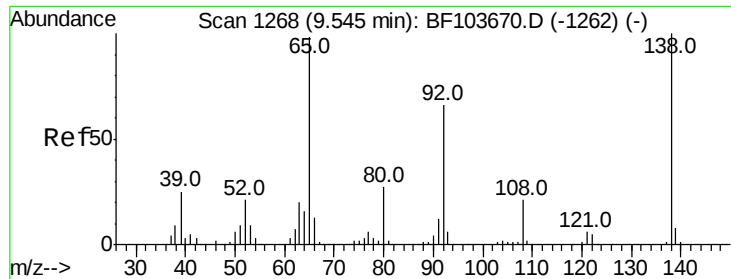


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

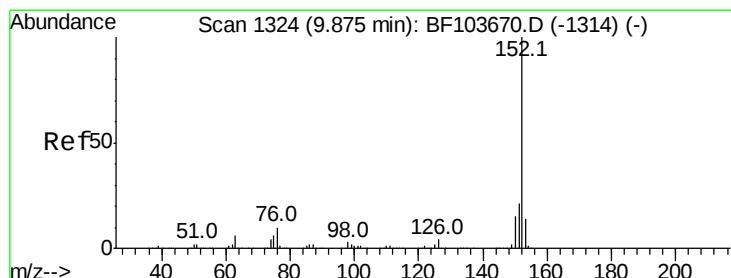
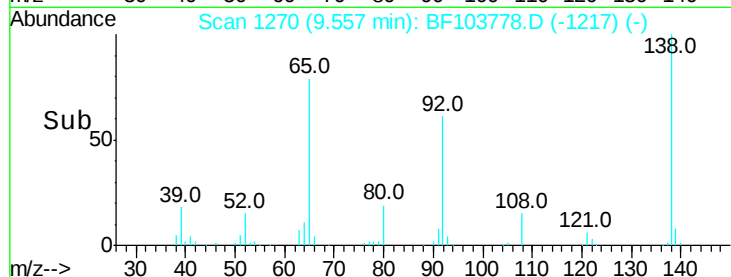
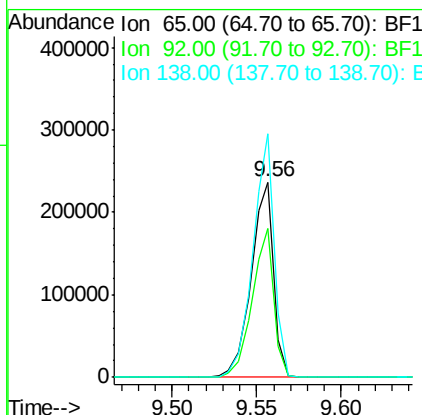
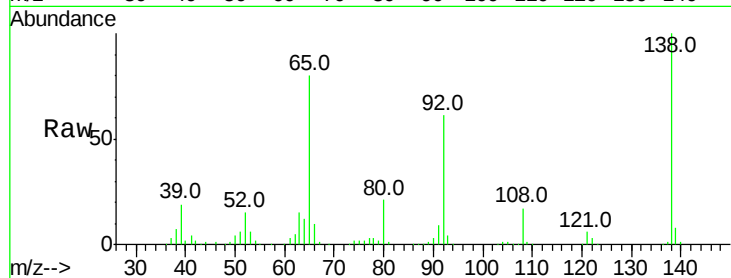




#47
2-Nitroaniline
Concen: 53.837 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

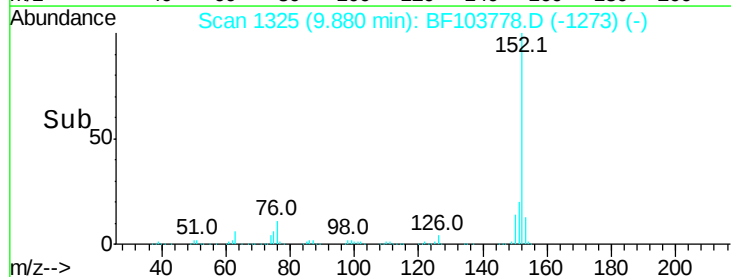
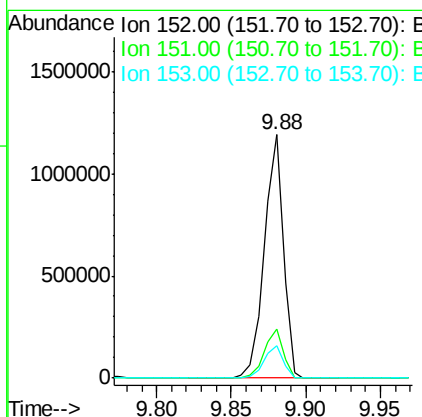
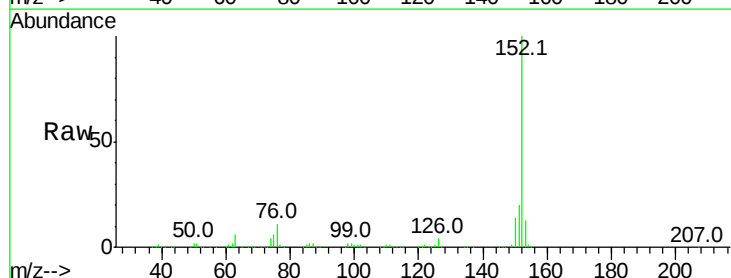
Instrument :
BNA_F
ClientSampleId :

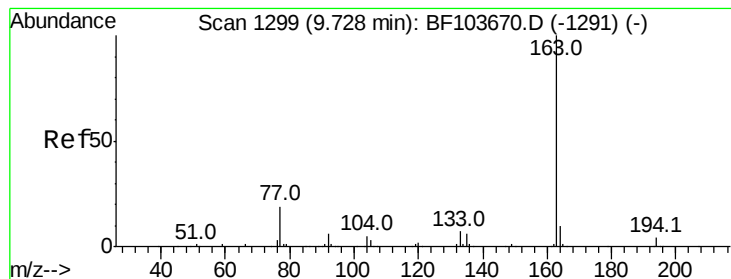
Tot Ion: 65 Resp: 219795
Ion Ratio Lower Upper
65 100
92 76.3 55.8 83.6
138 124.6 91.2 136.8



#48
Acenaphthylene
Concen: 43.539 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:152 Resp: 1035098
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 53.670 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

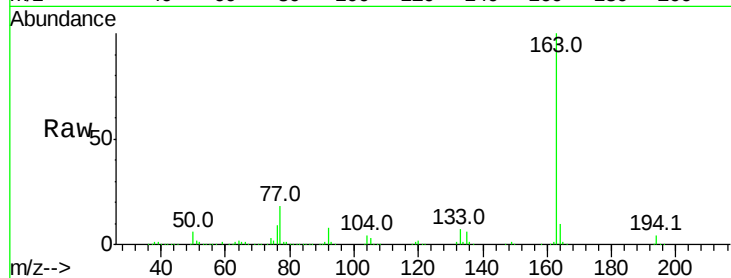
Tot Ion:163 Resp: 947875

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

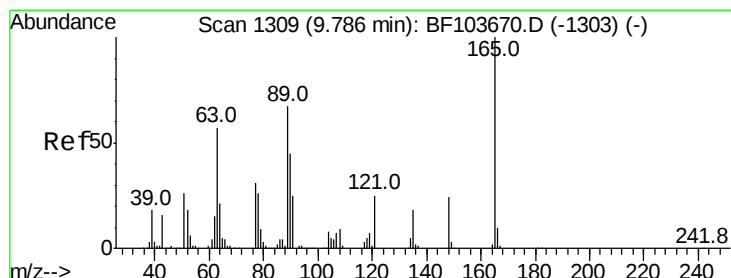
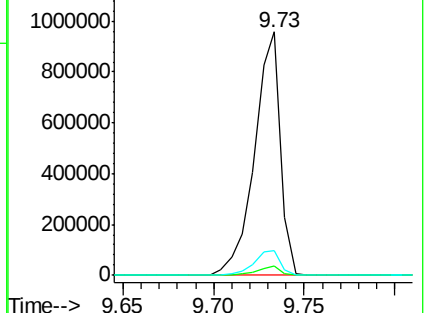
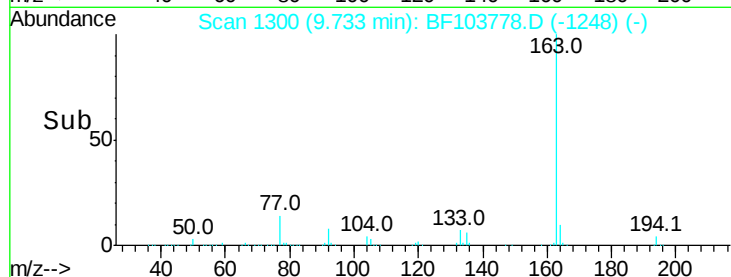
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.468 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

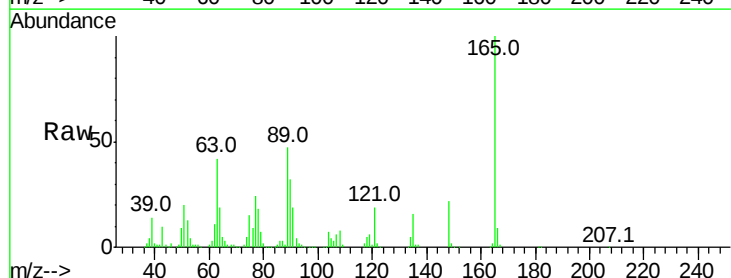
Tgt Ion:165 Resp: 180639

Ion Ratio Lower Upper

165 100

63 42.4 44.7 67.1#

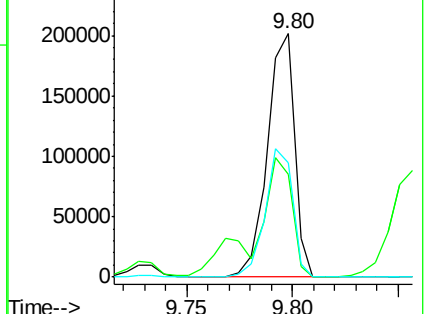
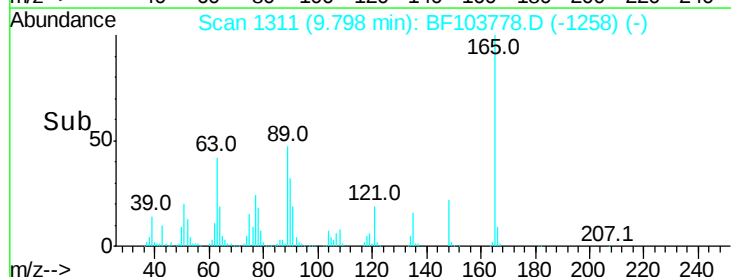
89 46.8 44.0 66.0

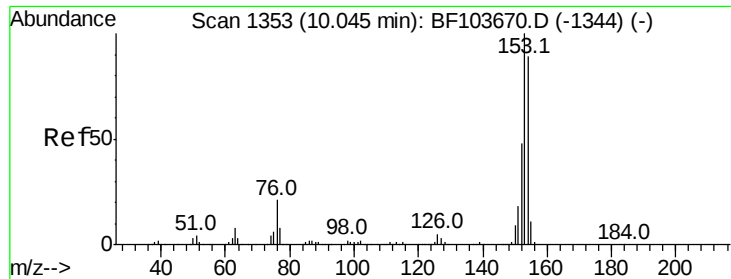


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 44.009 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

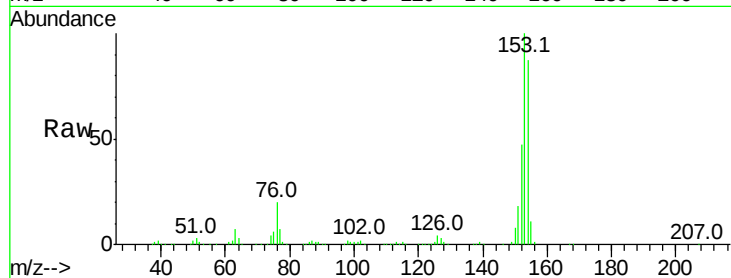
Tot Ion:154 Resp: 621243

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

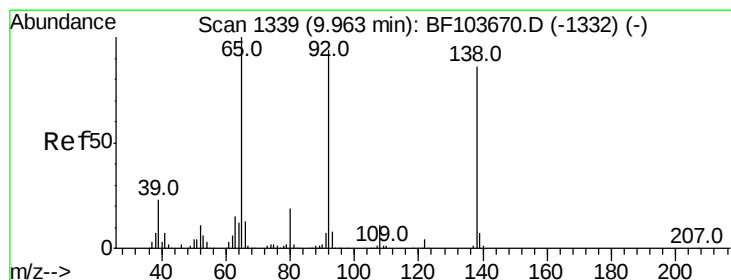
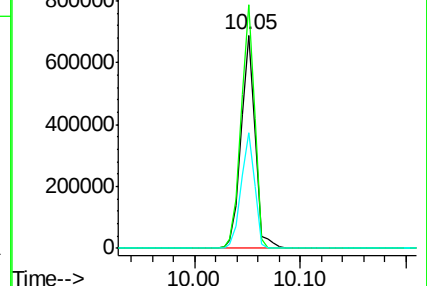
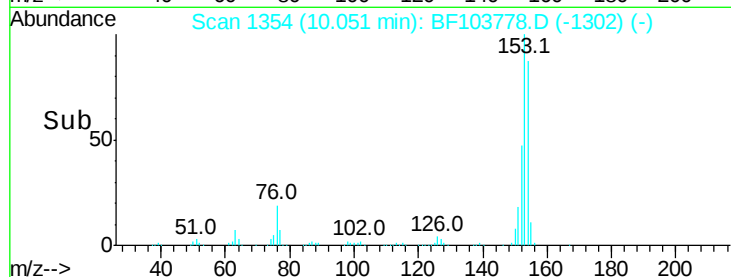
152 54.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.096 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

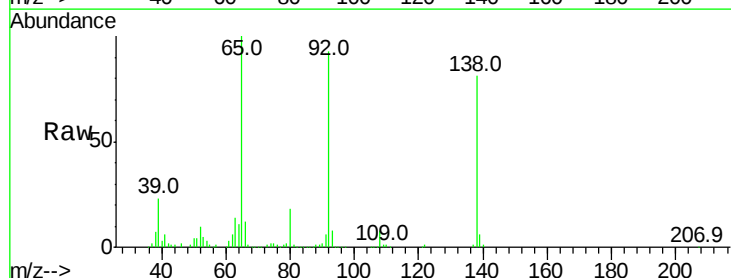
Tgt Ion:138 Resp: 152487

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

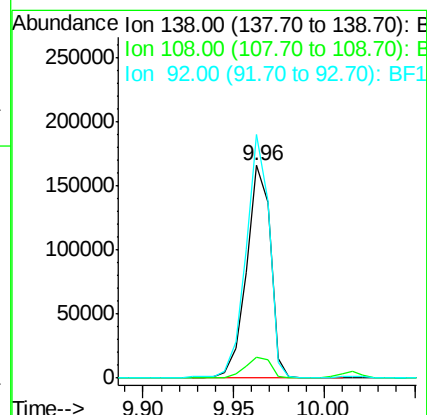
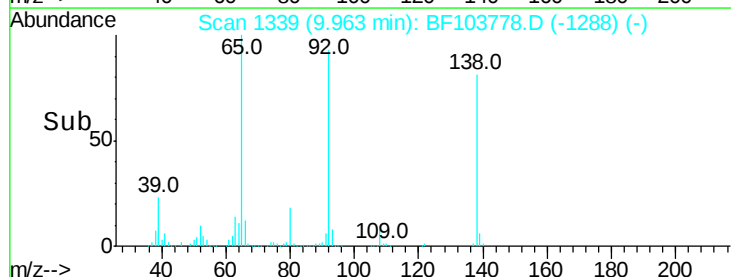
92 114.5 89.4 134.2

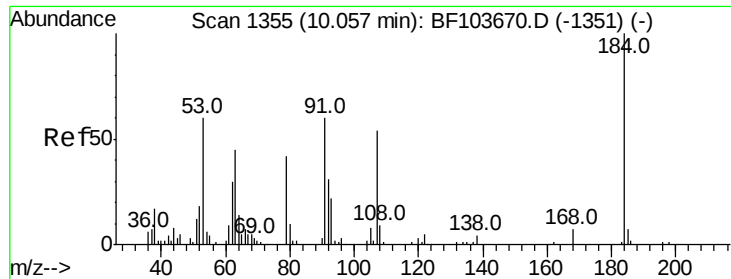


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

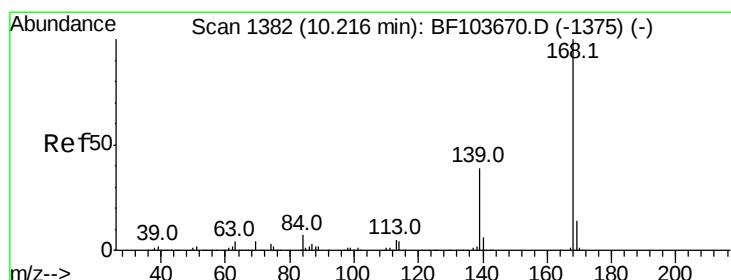
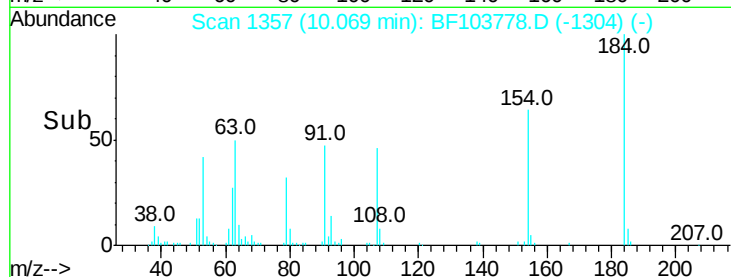
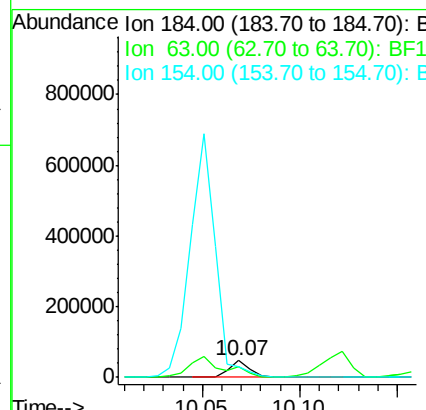
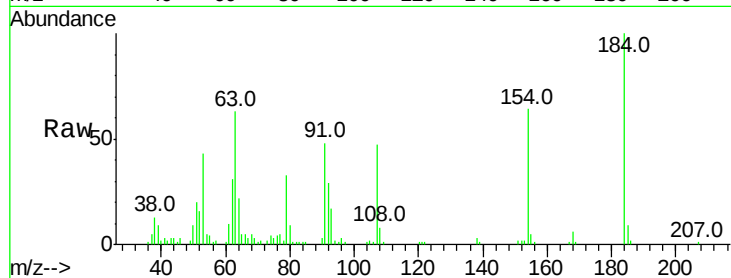




#53
 2,4-Dinitrophenol
 Concen: 49.261 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

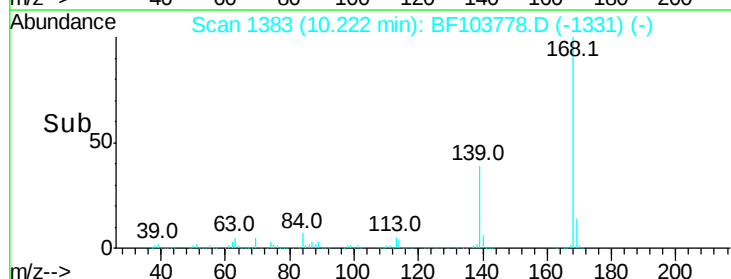
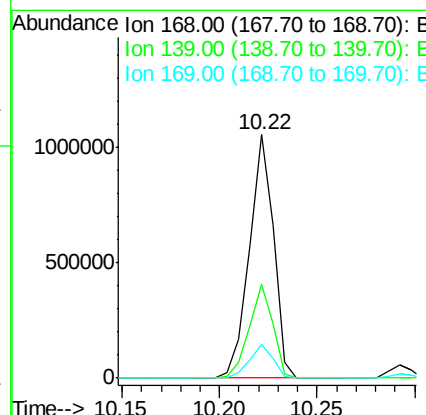
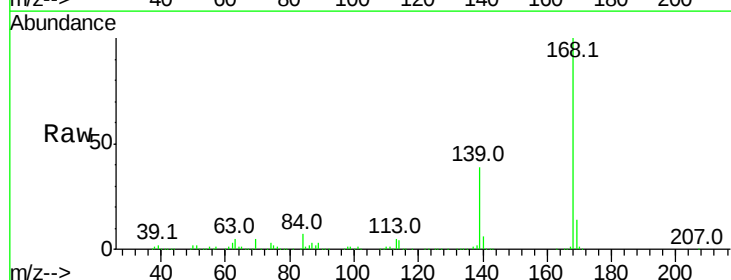
Instrument :
 BNA_F
 ClientSampled :

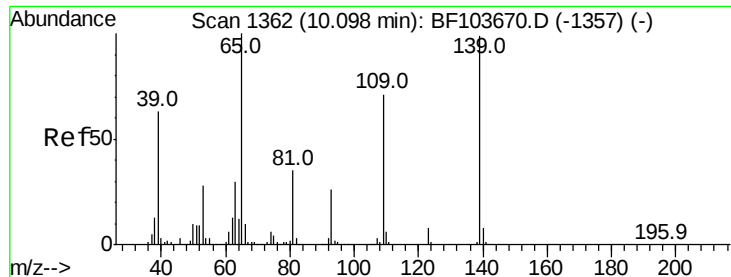
Tot Ion:184 Resp: 36267
 Ion Ratio Lower Upper
 184 100
 63 63.5 54.2 81.2
 154 64.2 184.0 276.0#



#54
 Dibenzofuran
 Concen: 44.806 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:168 Resp: 903339
 Ion Ratio Lower Upper
 168 100
 139 38.6 30.1 45.1
 169 13.6 10.9 16.3

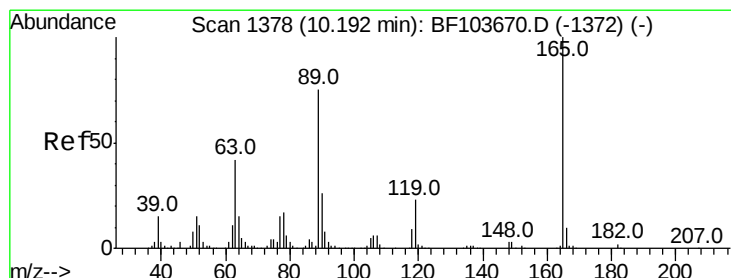
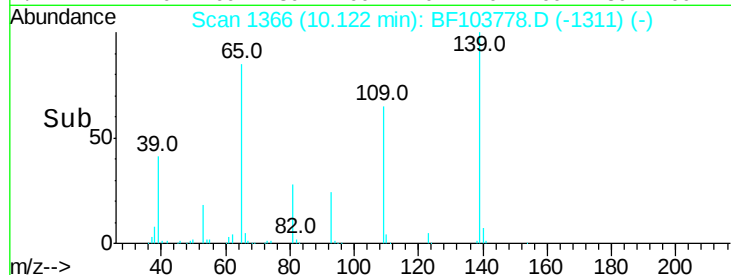
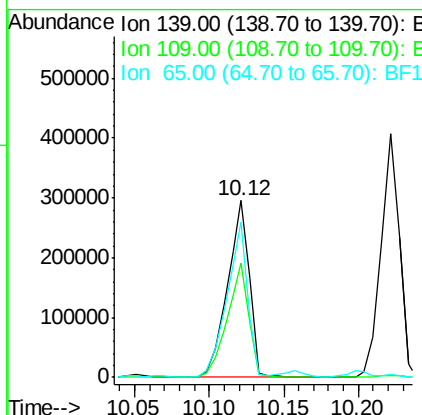
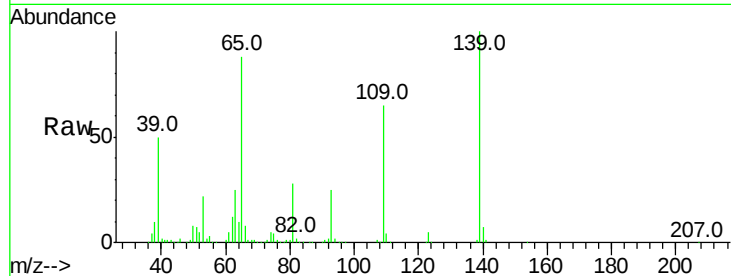




#55
4-Nitrophenol
Concen: 93.977 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.02 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

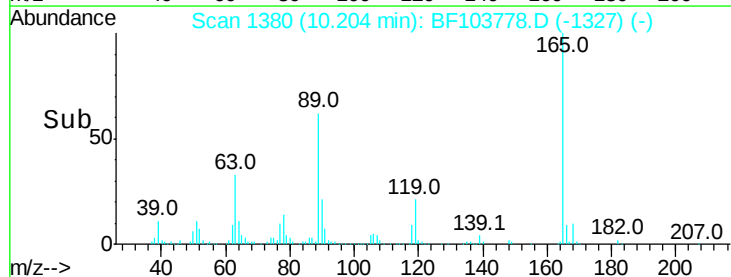
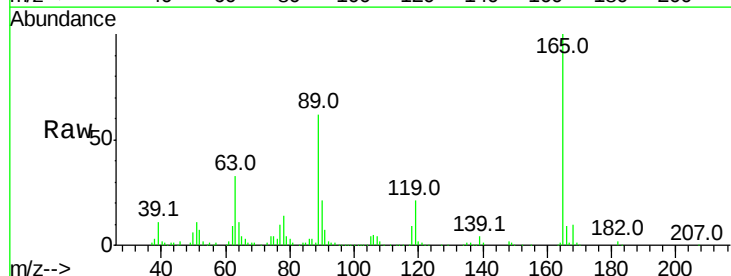
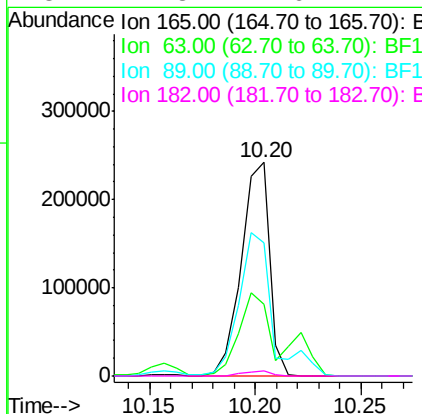
Instrument :
BNA_F
ClientSampleId :

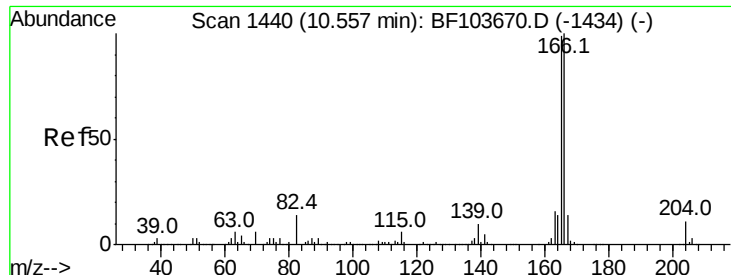
Tot Ion:139 Resp: 306866
Ion Ratio Lower Upper
139 100
109 64.9 48.4 88.4
65 88.0 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 51.366 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:165 Resp: 224497
Ion Ratio Lower Upper
165 100
63 33.4 36.4 54.6#
89 62.2 57.8 86.6
182 2.3 1.6 2.4

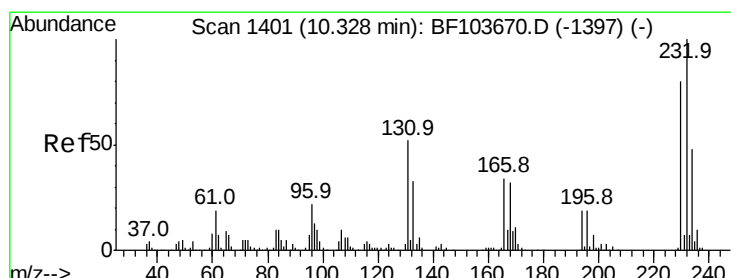
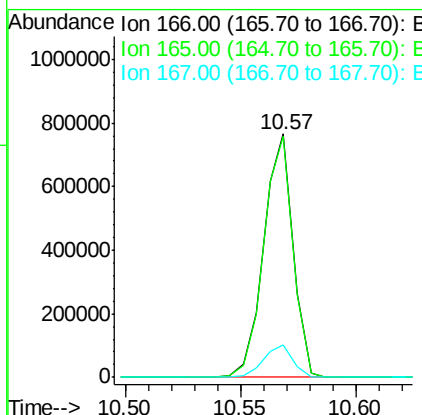
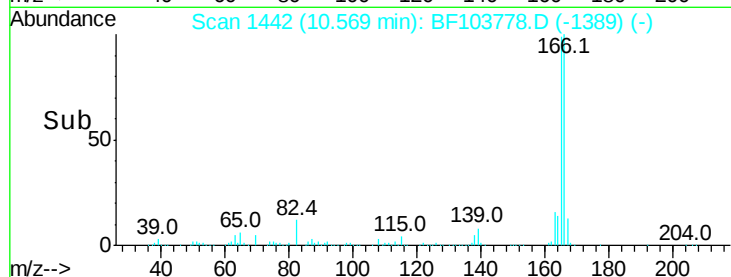
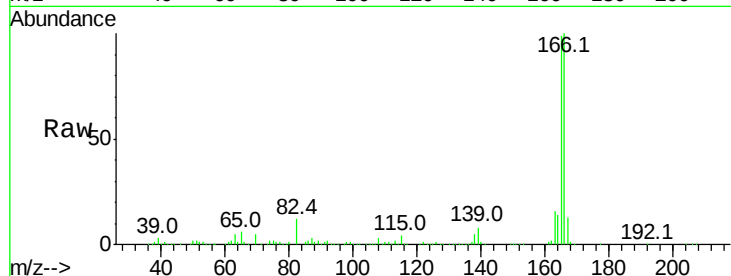




#57
 Fluorene
 Concen: 43.039 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

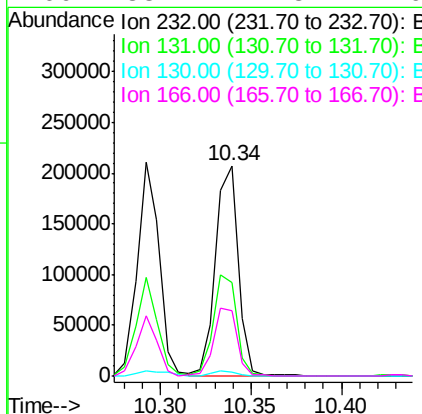
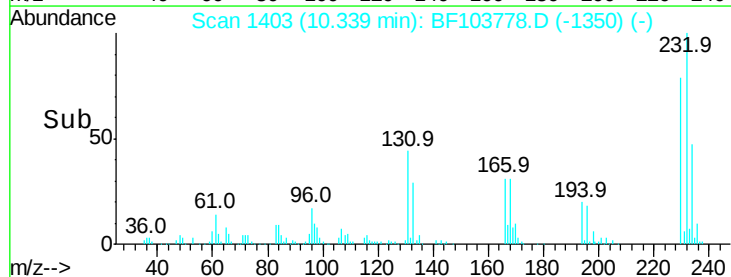
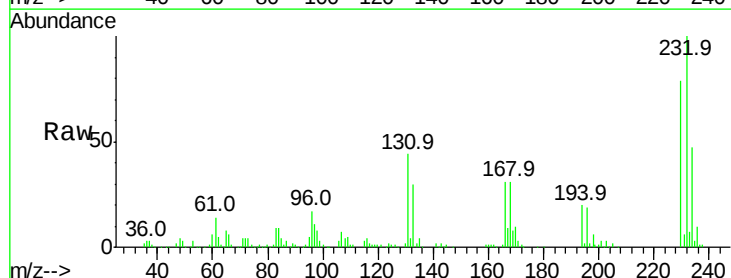
Instrument :
 BNA_F
 ClientSampleId :

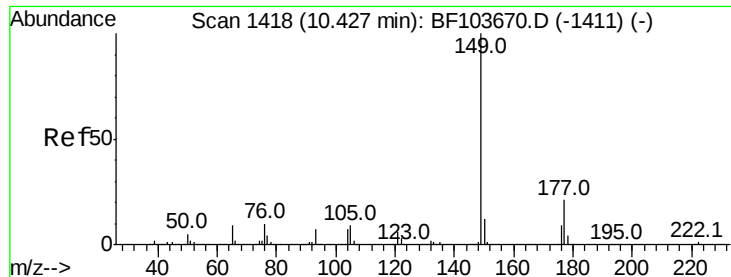
Tot Ion:166 Resp: 673322
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.8 119.8
 167 13.1 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.806 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:232 Resp: 181772
 Ion Ratio Lower Upper
 232 100
 131 49.1 43.8 65.8
 130 2.2 2.1 3.1
 166 33.1 27.8 41.6

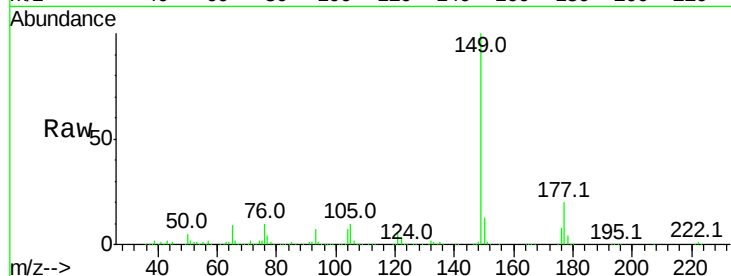




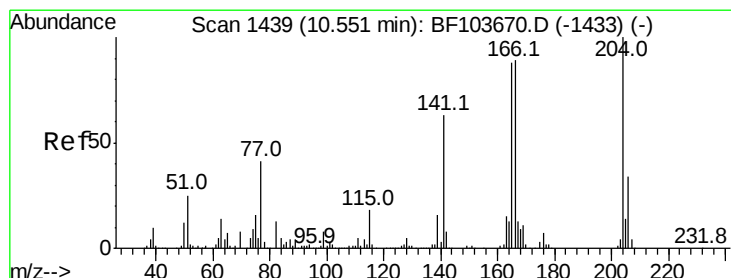
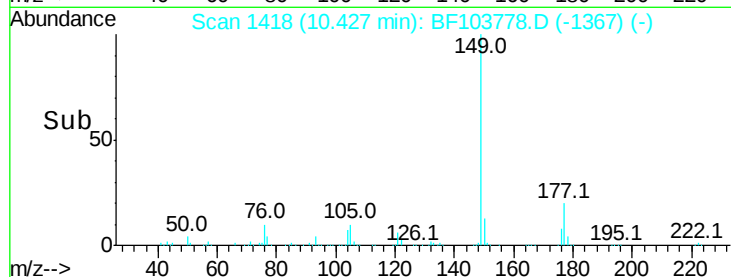
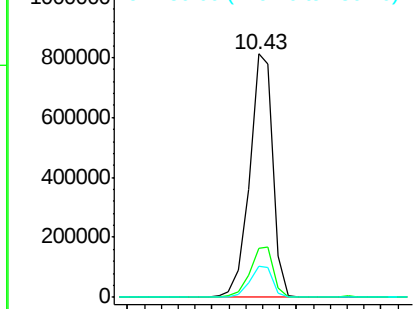
#59
Diethylphthalate
Concen: 44.526 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 780504
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 13.0 10.1 15.1

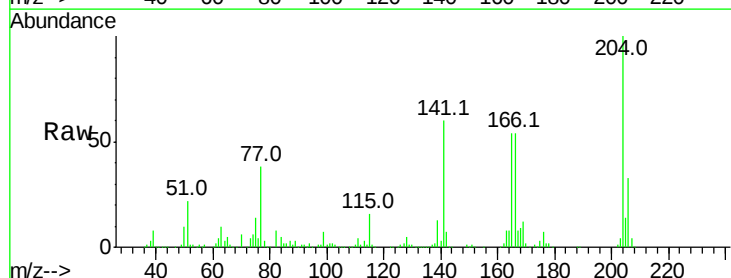


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

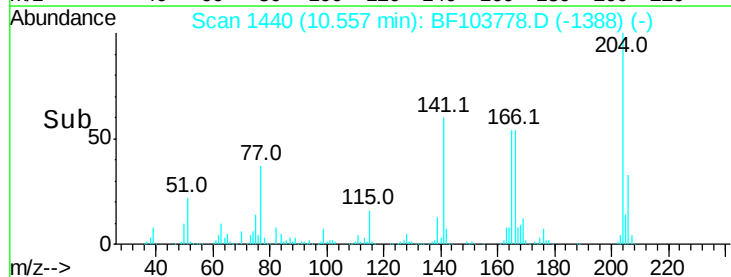
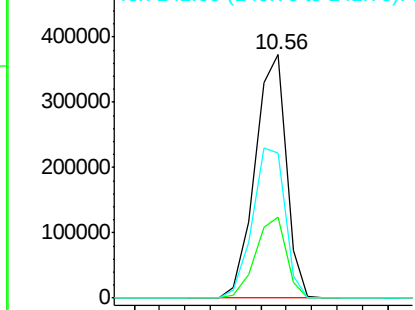


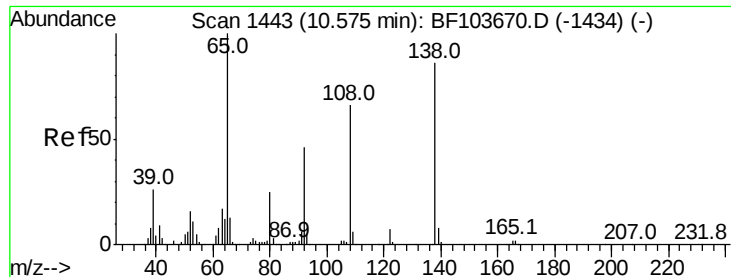
#60
4-Chlorophenyl-phenylether
Concen: 44.981 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:204 Resp: 321604
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.6 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

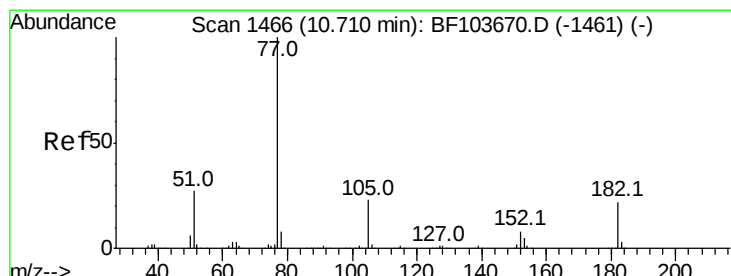
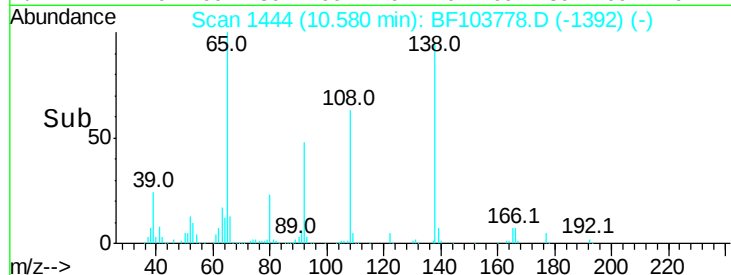
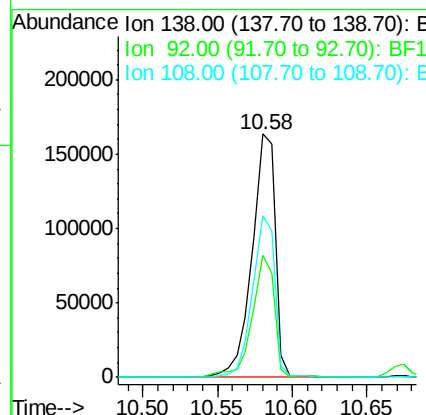
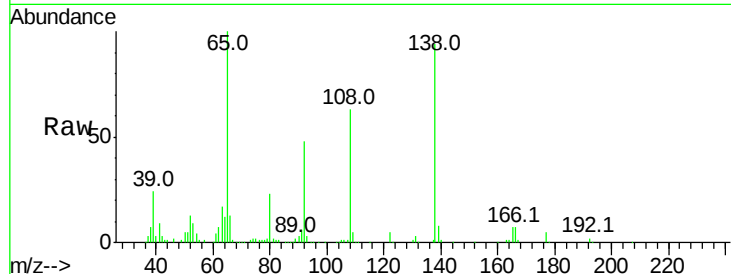




#61
4-Nitroaniline
Concen: 44.735 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

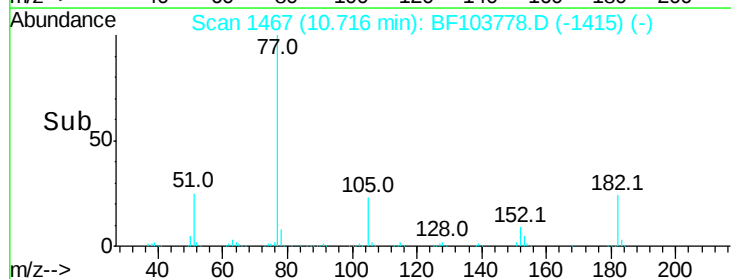
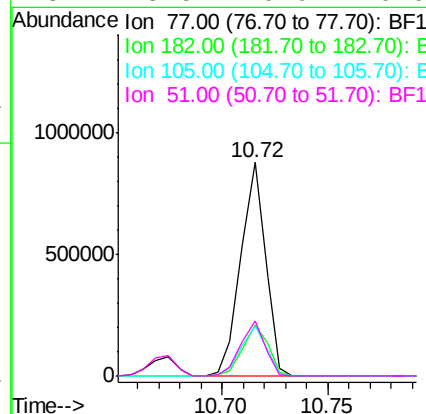
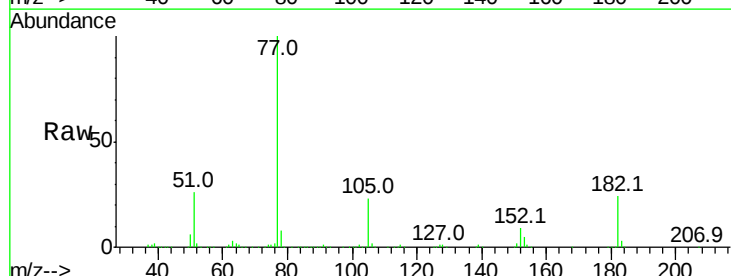
Instrument :
BNA_F
ClientSampleId :

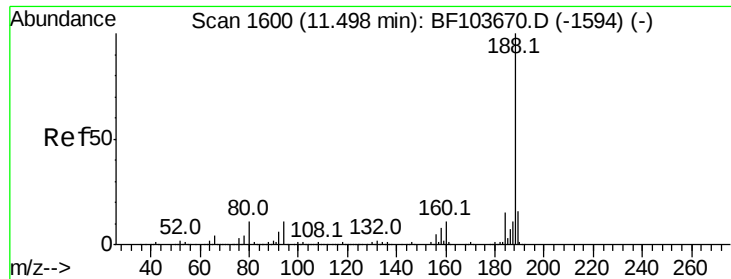
Tot Ion:138 Resp: 175202
Ion Ratio Lower Upper
138 100
92 50.4 30.2 70.2
108 66.4 52.5 92.5



#62
Azobenzene
Concen: 40.099 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion: 77 Resp: 714634
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 23.3 3.0 43.0
51 25.5 9.9 49.9

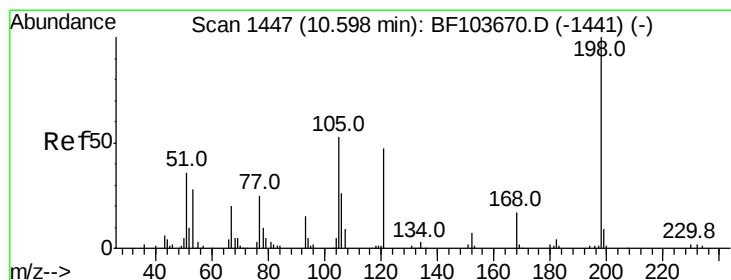
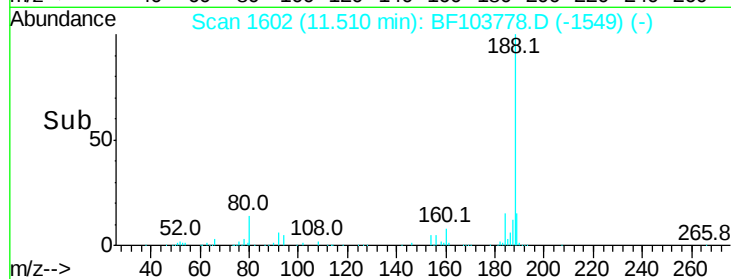
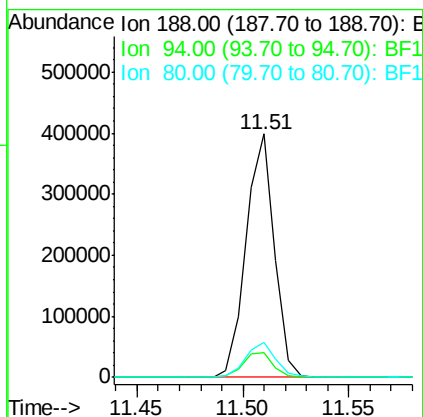
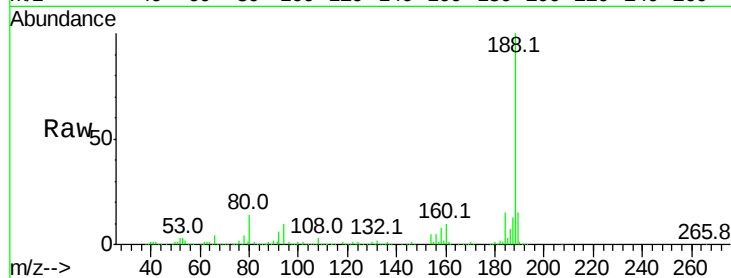




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

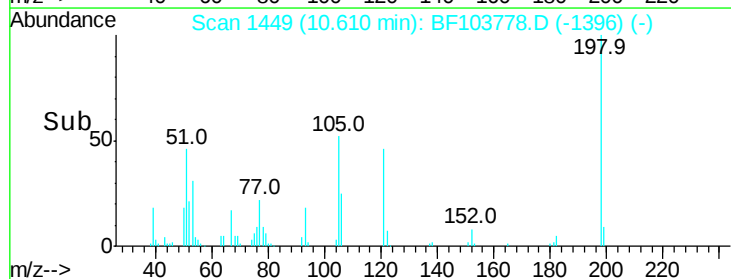
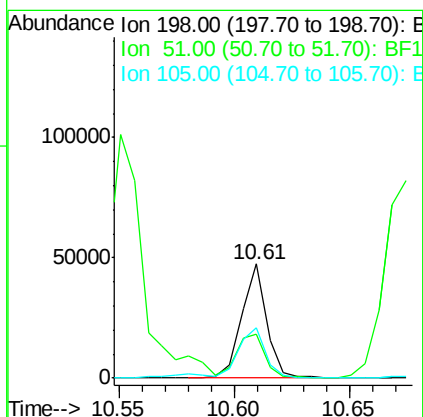
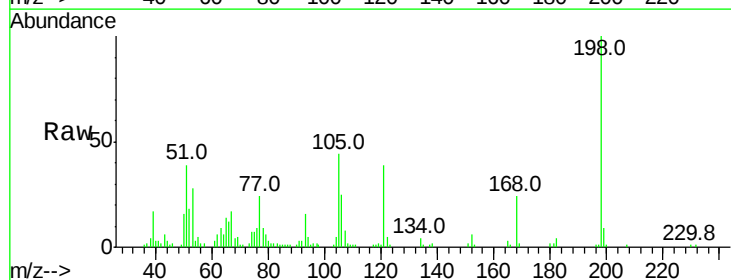
Instrument :
BNA_F
ClientSampleId :

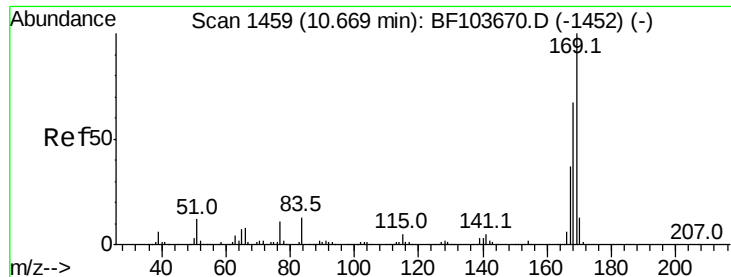
Tot Ion:188 Resp: 367155
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 14.2 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 32.628 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:198 Resp: 35960
Ion Ratio Lower Upper
198 100
51 38.9 37.7 77.7
105 43.8 36.3 76.3

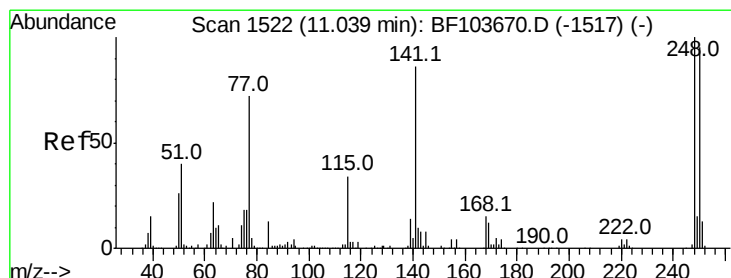
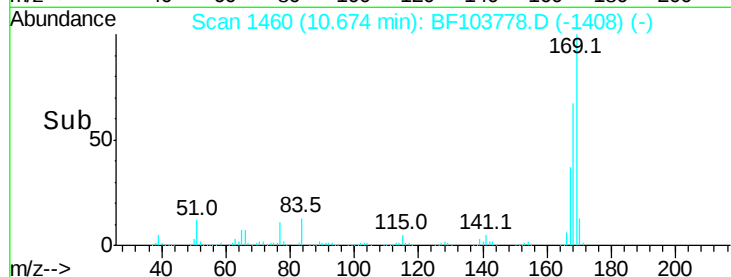
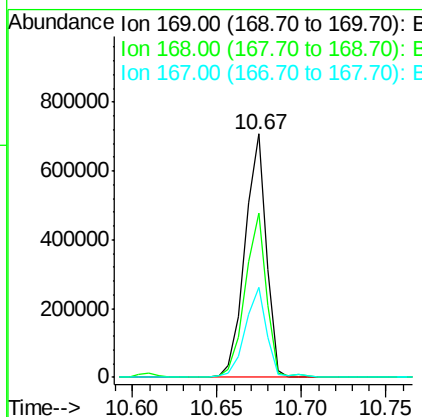
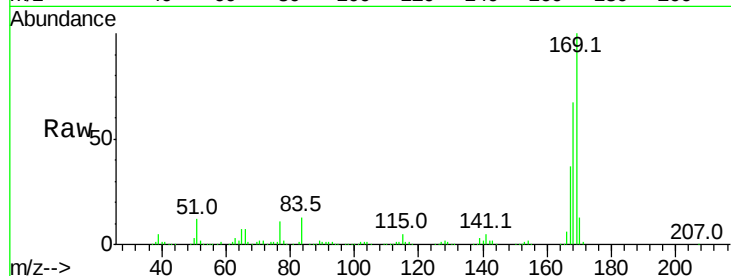




#65
 n-Nitrosodiphenylamine
 Concen: 49.988 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

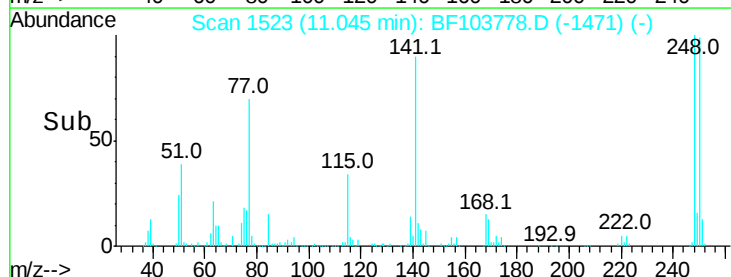
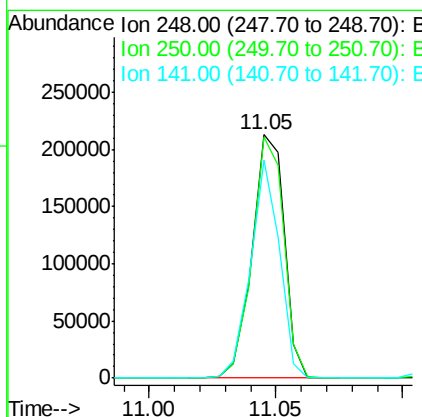
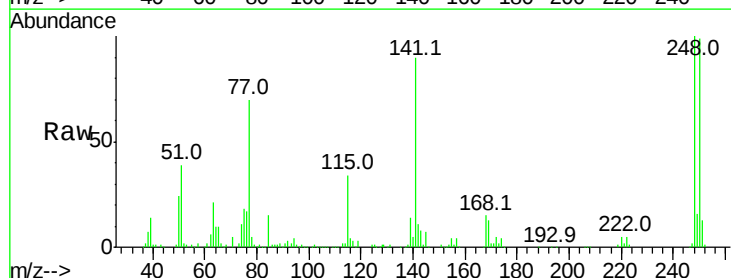
Instrument :
 BNA_F
 ClientSampleId :

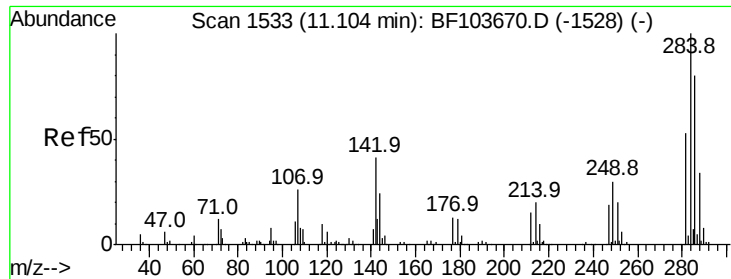
Tot Ion:169 Resp: 624715
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.4 81.6
 167 36.9 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 50.135 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:248 Resp: 188996
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.9 115.3
 141 89.6 74.4 111.6

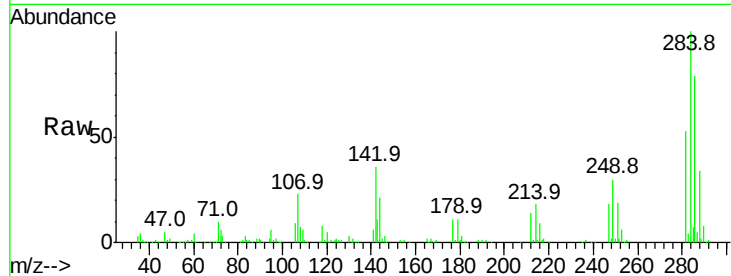




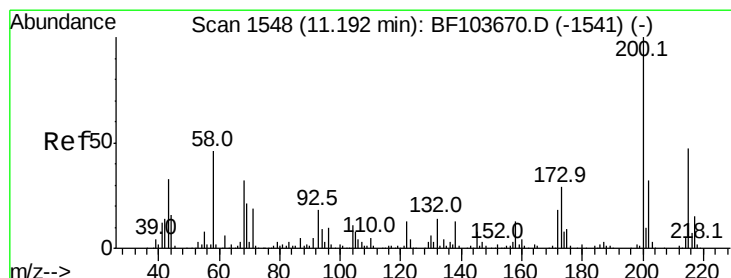
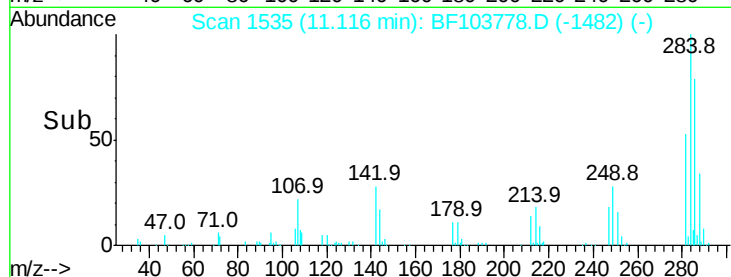
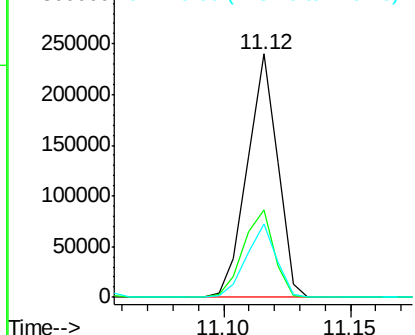
#67
Hexachlorobenzene
Concen: 46.645 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 200691
Ion Ratio Lower Upper
284 100
142 35.9 34.6 52.0
249 30.4 24.8 37.2

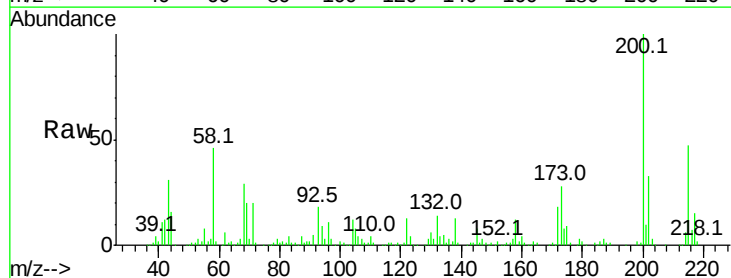


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

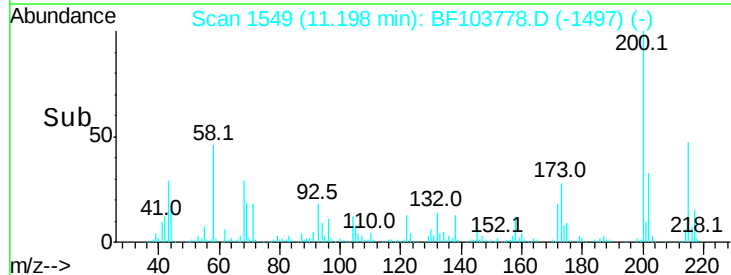
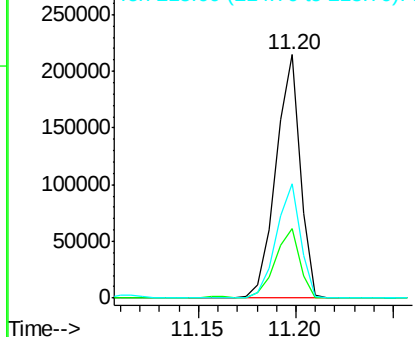


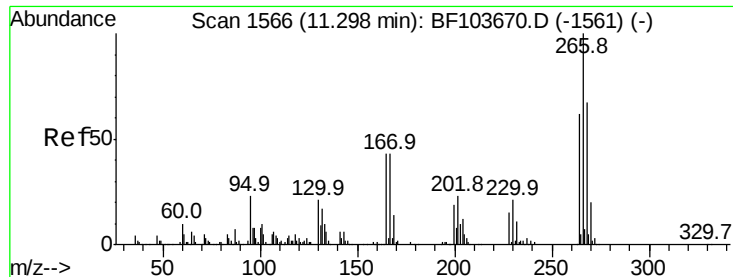
#68
Atrazine
Concen: 47.724 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:200 Resp: 184499
Ion Ratio Lower Upper
200 100
173 28.5 8.6 48.6
215 46.7 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

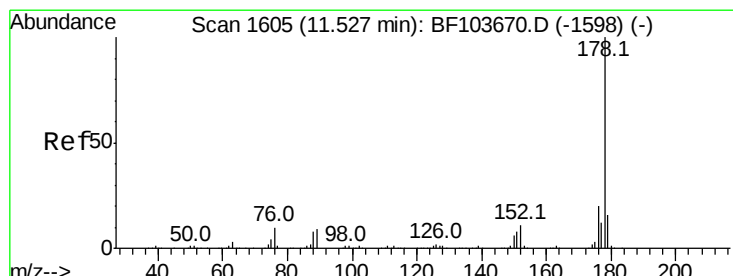
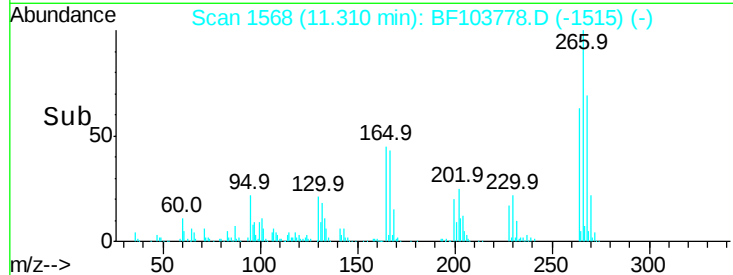
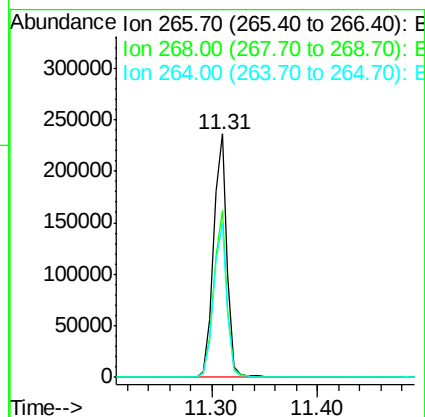
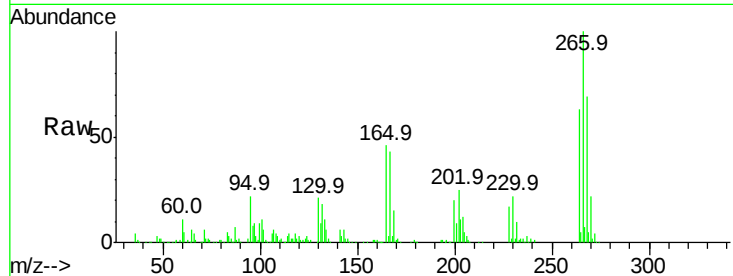




#69
 Pentachlorophenol
 Concen: 85.956 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

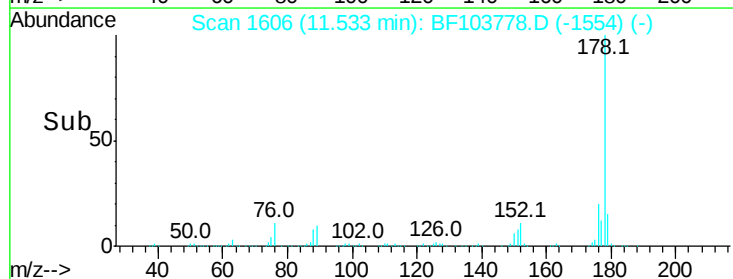
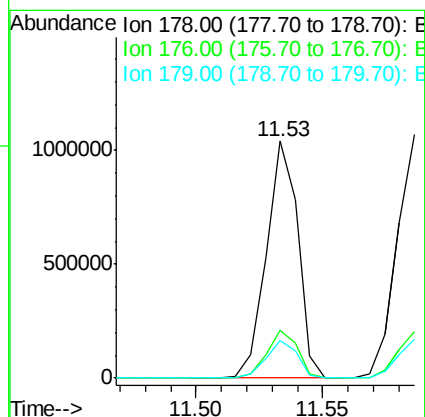
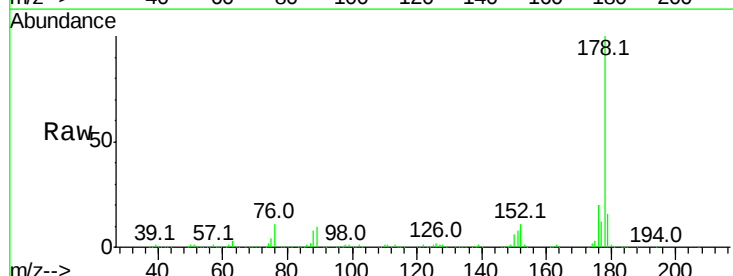
Instrument :
 BNA_F
 ClientSampleId :

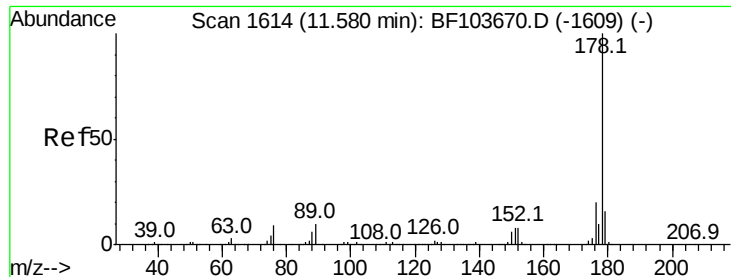
Tot Ion:266 Resp: 212620
 Ion Ratio Lower Upper
 266 100
 268 68.6 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 45.240 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:178 Resp: 908602
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6

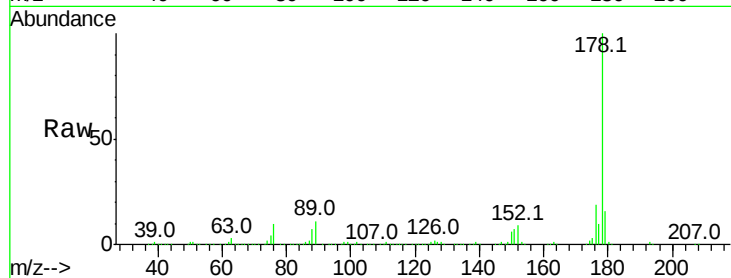




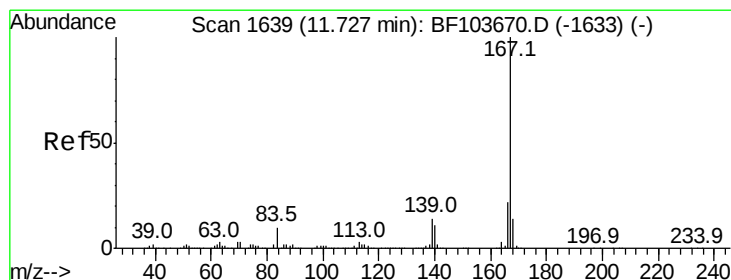
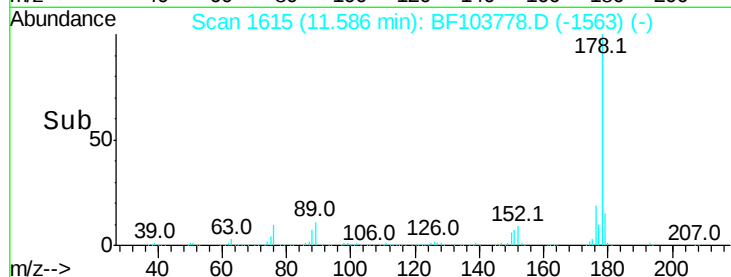
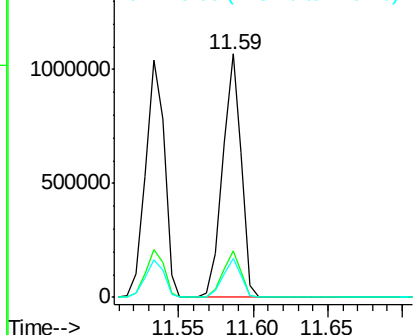
#71
 Anthracene
 Concen: 46.015 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 938641
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.8 12.6 19.0

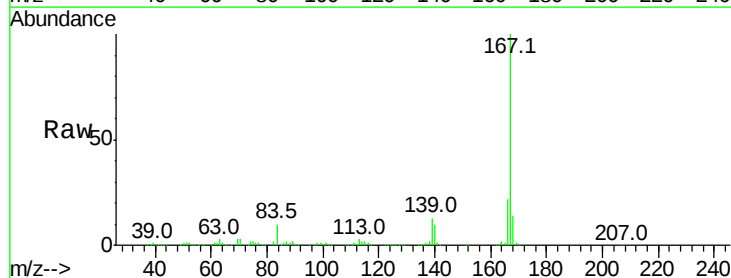


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

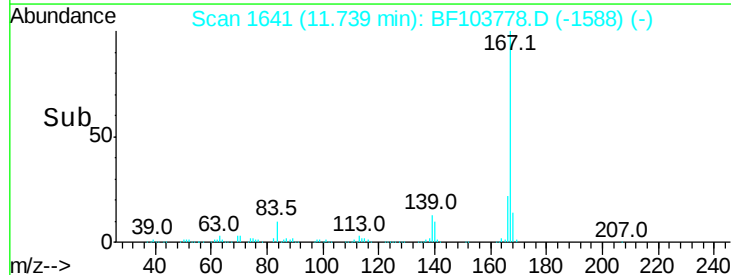
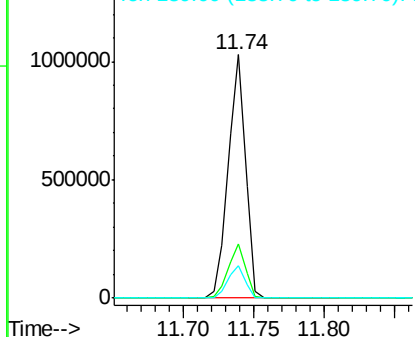


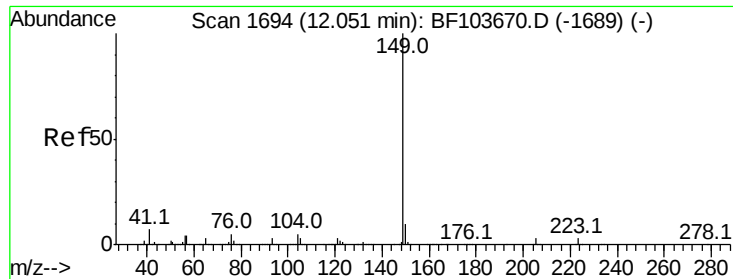
#72
 Carbazole
 Concen: 44.289 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:167 Resp: 878105
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.4 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



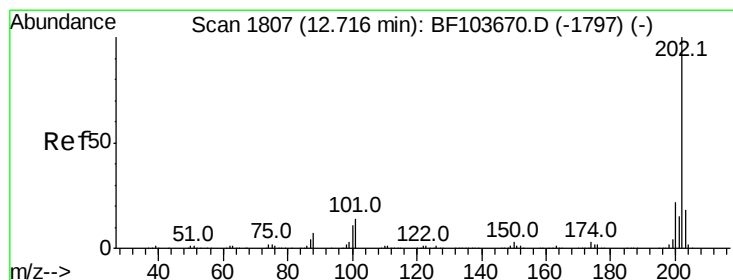
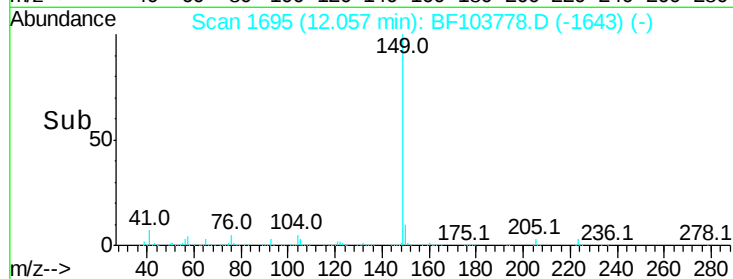
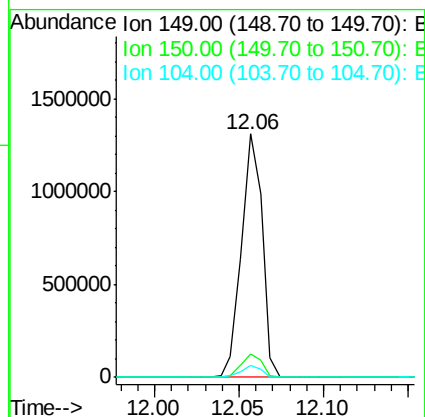
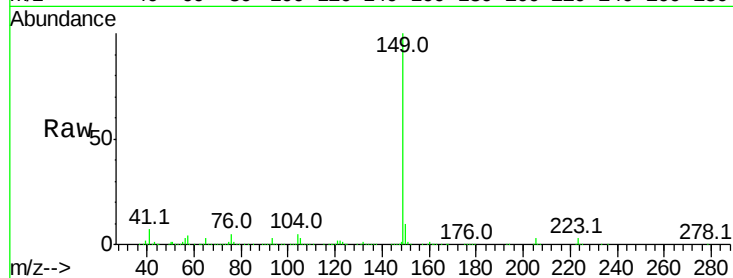


#73
 Di-n-butylphthalate
 Concen: 46.987 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 1117806

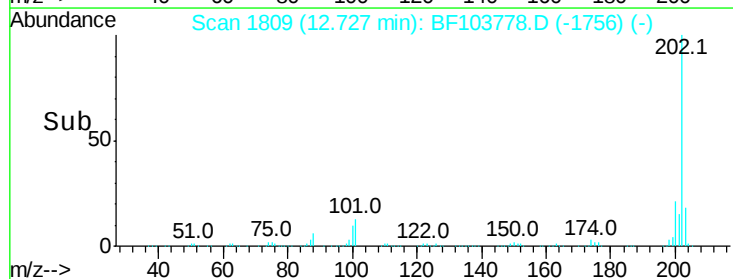
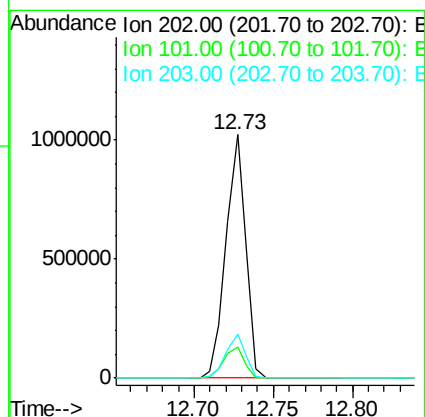
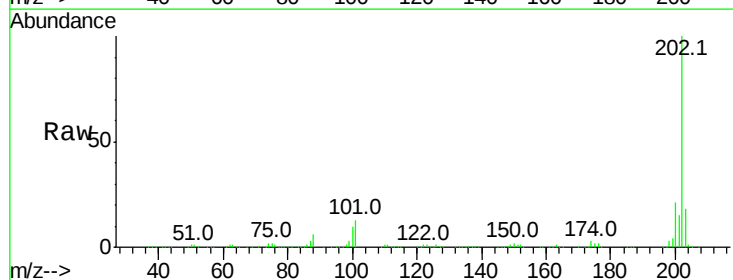
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

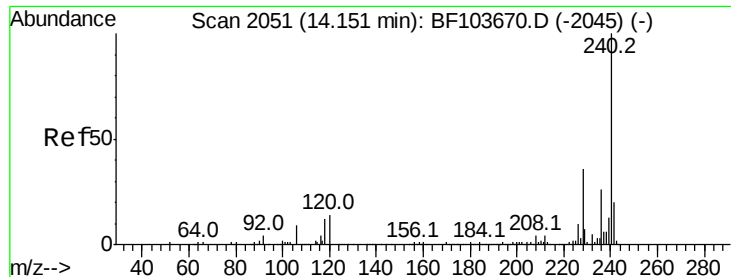


#74
 Fluoranthene
 Concen: 42.610 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:202 Resp: 881659

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampled :

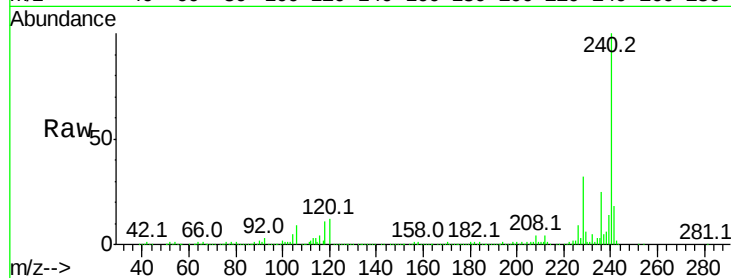
Tot Ion:240 Resp: 278981

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

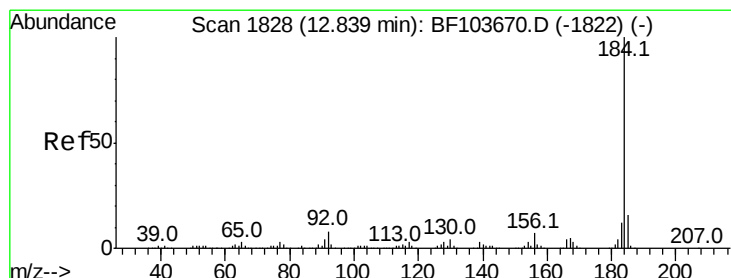
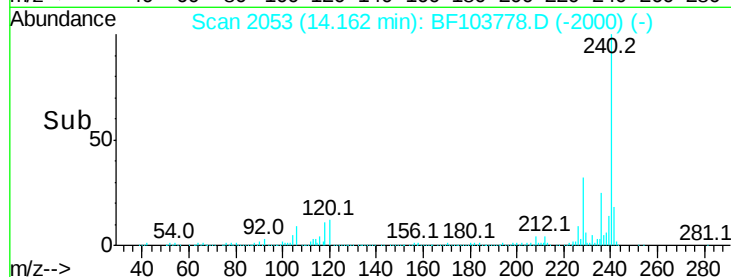
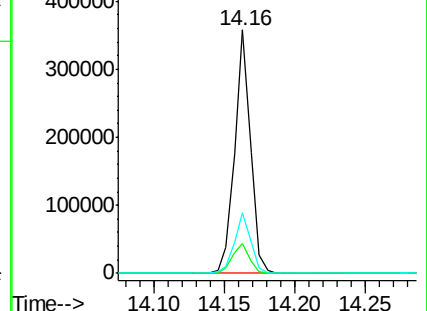
236 24.9 20.7 31.1



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: 44.952 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

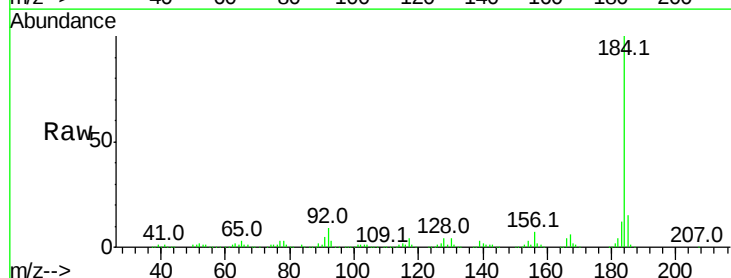
Tgt Ion:184 Resp: 534874

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

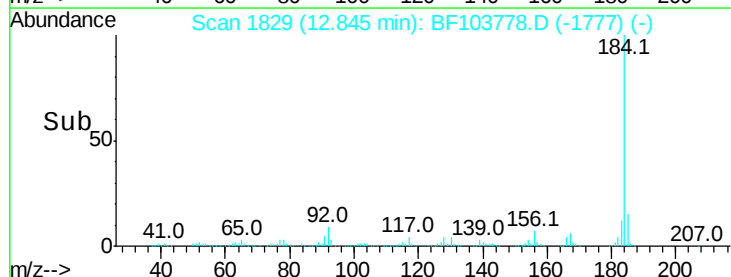
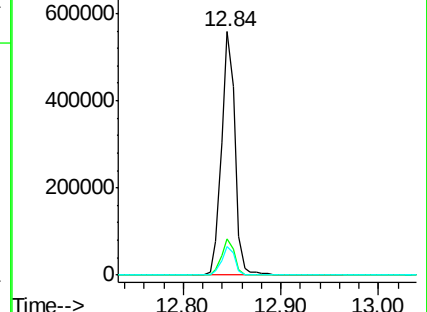
183 12.0 9.3 13.9

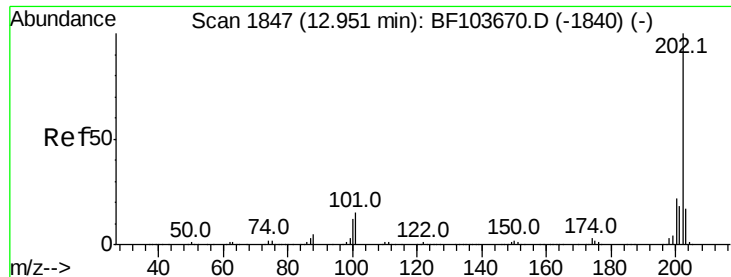


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

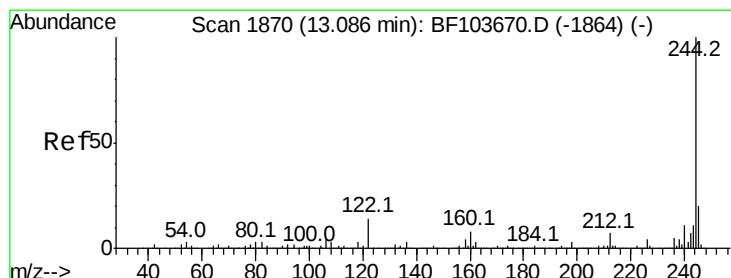
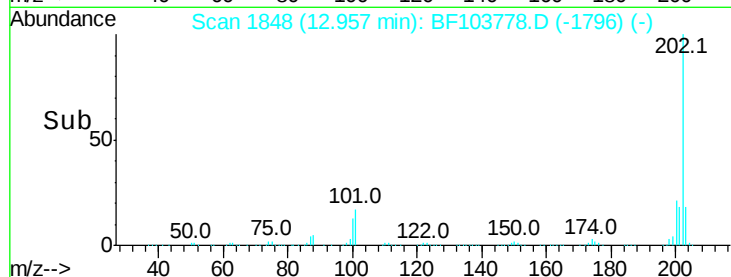
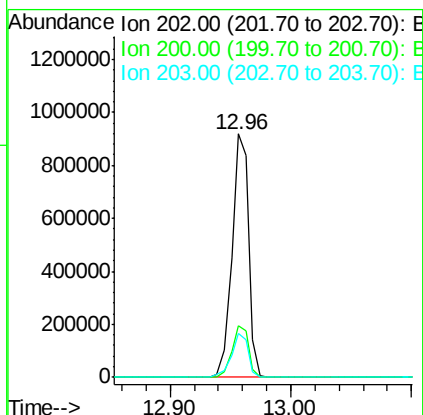
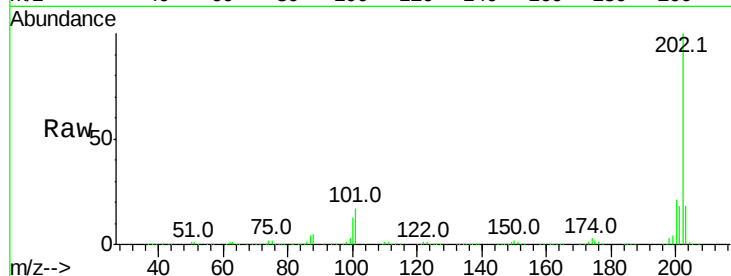




#77
Pvrene
Concen: 42.762 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

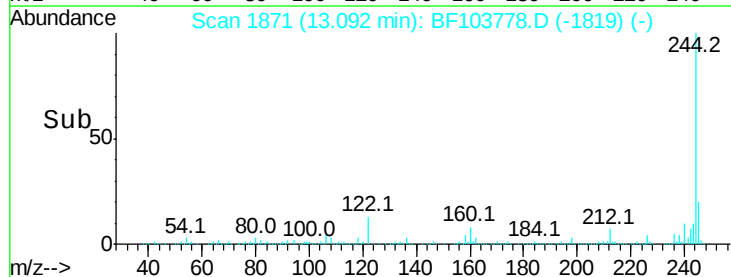
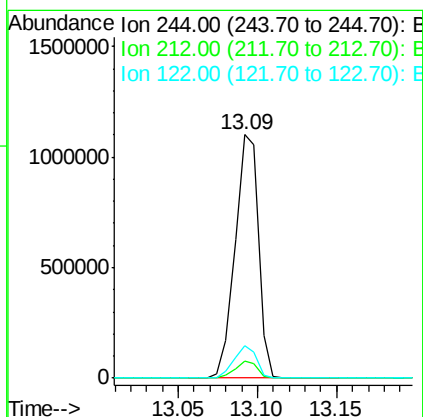
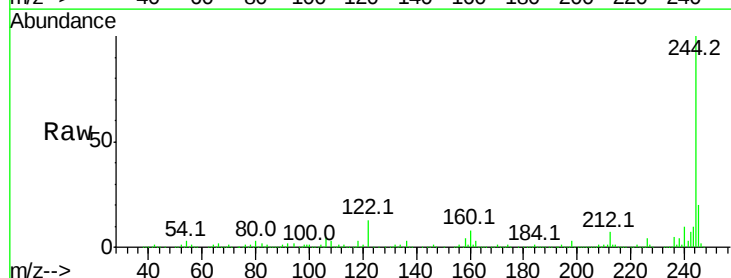
Instrument :
BNA_F
ClientSampleId :

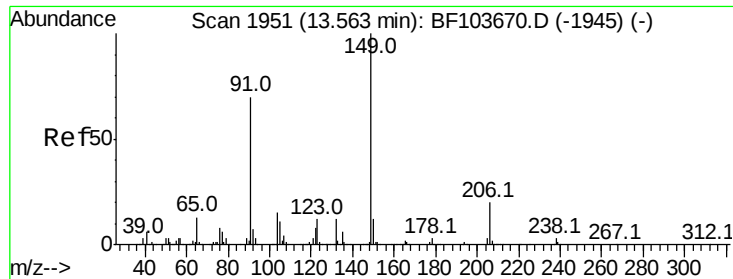
Tot Ion:202 Resp: 876125
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 93.426 ng
RT: 13.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:244 Resp: 1122899
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 13.5 11.0 16.4

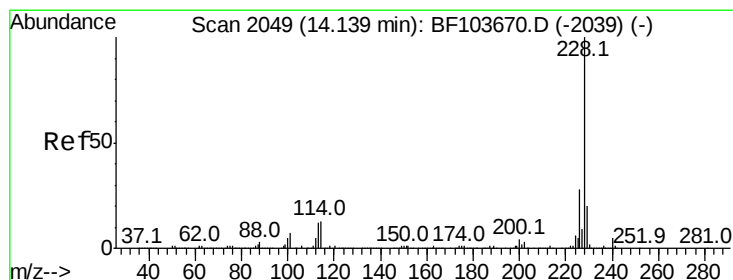
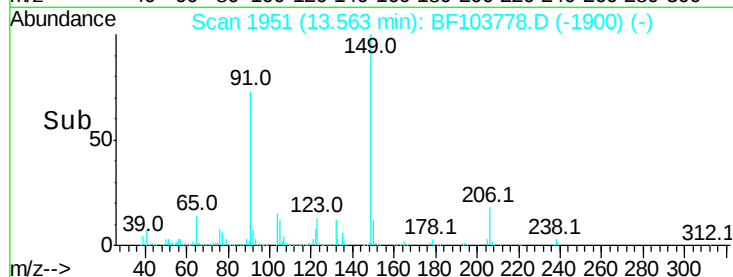
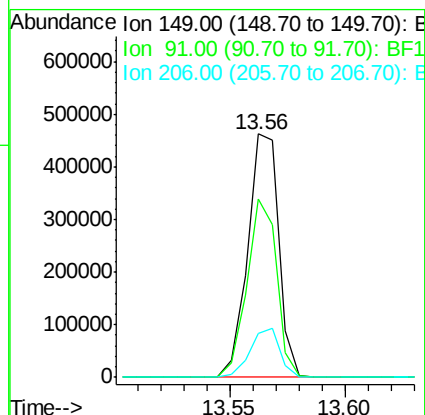
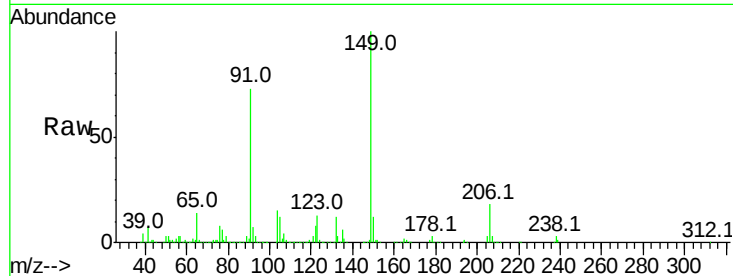




#79
Butylbenzylphthalate
Concen: 47.990 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

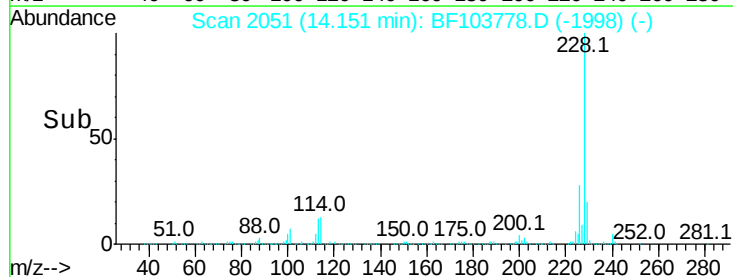
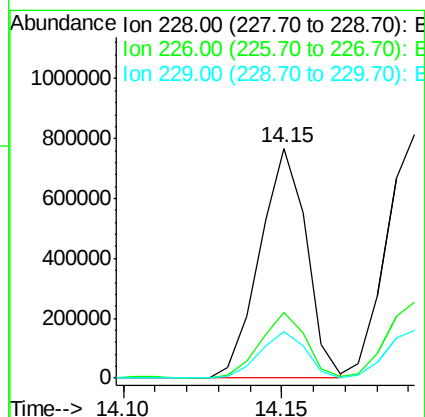
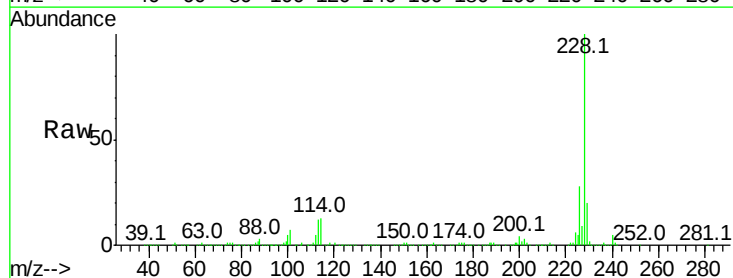
Instrument :
BNA_F
ClientSampleId :

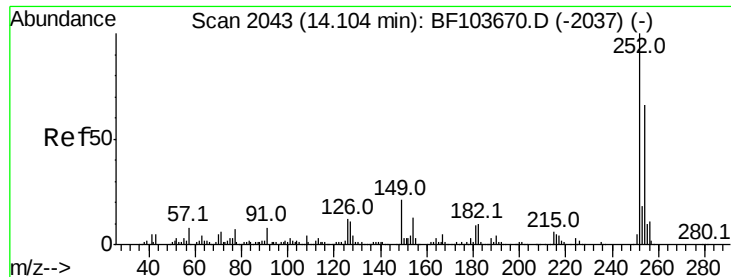
Tot Ion:149 Resp: 435620
Ion Ratio Lower Upper
149 100
91 73.4 56.8 85.2
206 18.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 44.389 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF103778.D
Acq: 20 Mar 2018 1:25

Tgt Ion:228 Resp: 783886
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.0 15.8 23.6

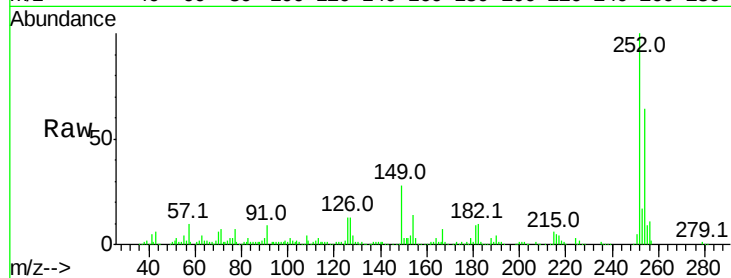




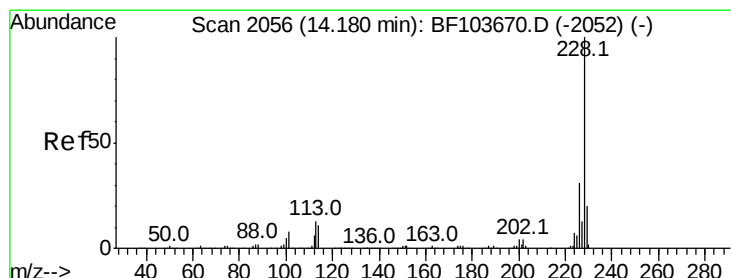
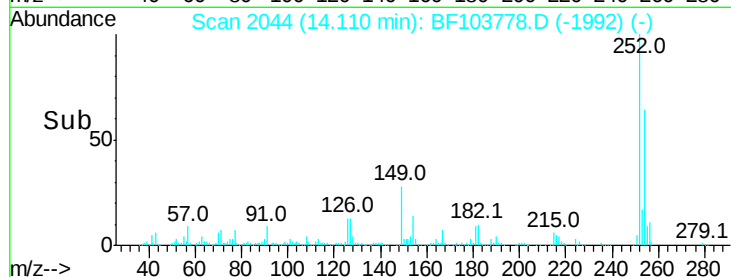
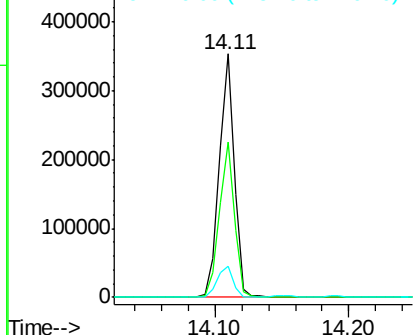
#81
 3,3'-Dichlorobenzidine
 Concen: 48.220 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	12.5	11.3	16.9

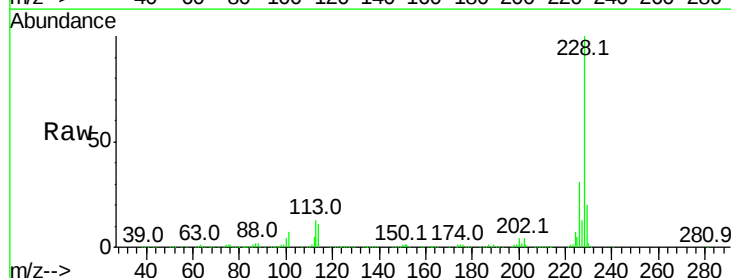


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

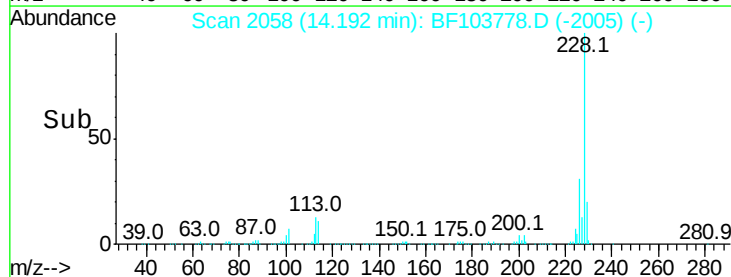
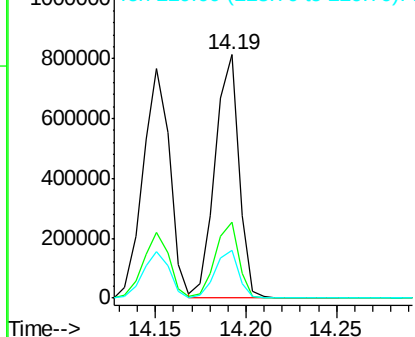


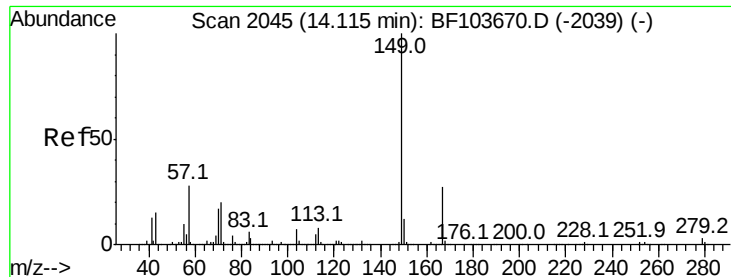
#82
 Chrysene
 Concen: 44.204 ng
 RT: 14.19 min Scan# 2058
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.0	37.6
229	19.8	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

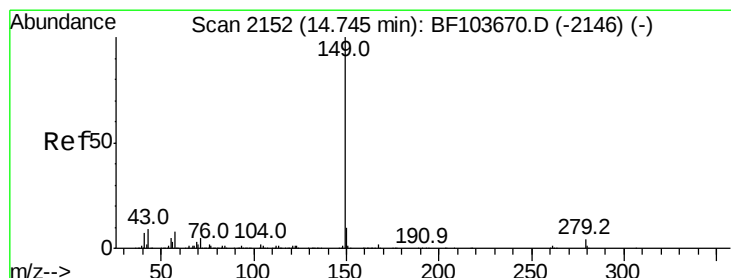
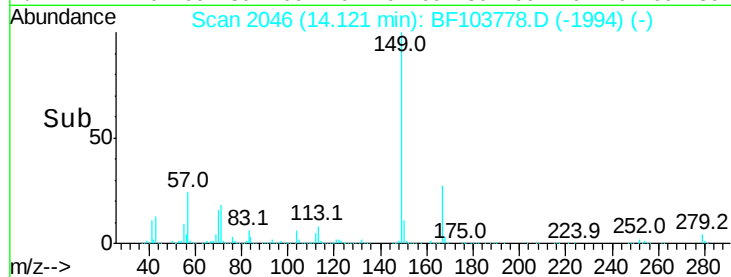
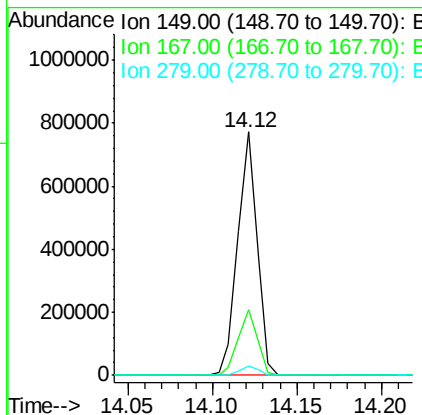
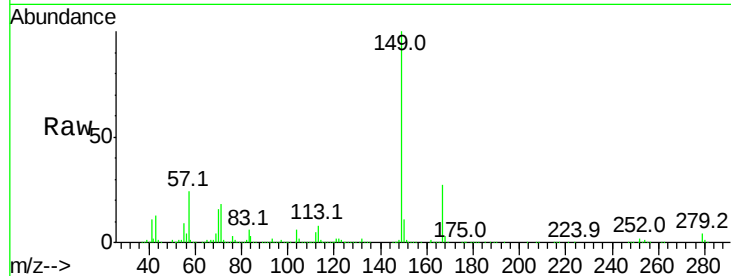




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.582 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

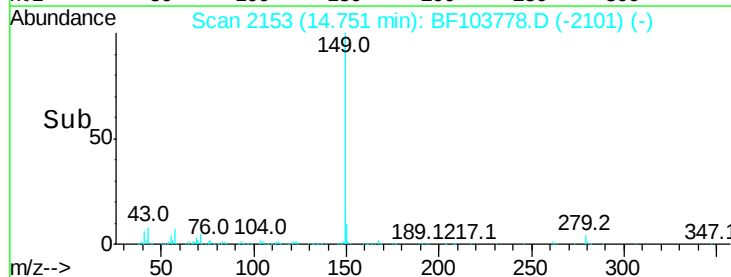
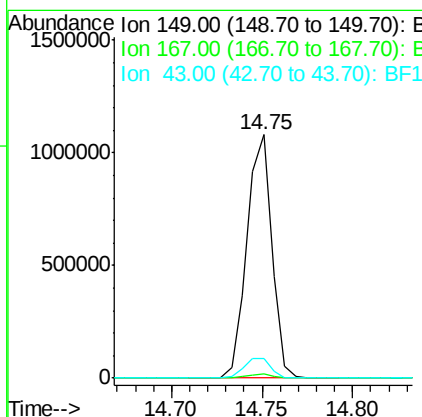
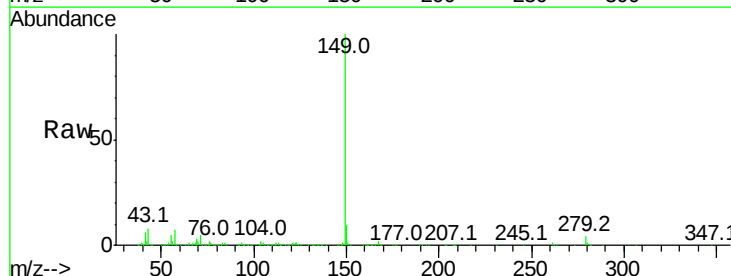
Instrument :
 BNA_F
 ClientSampleId :

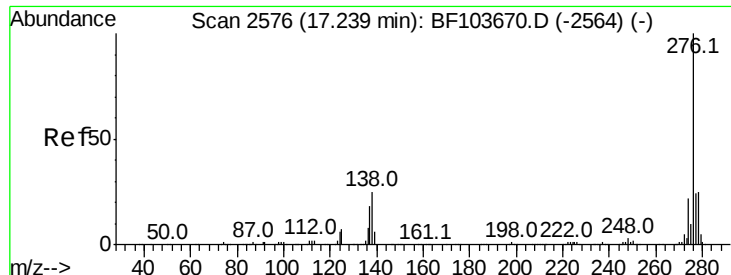
Tot Ion:149 Resp: 617026
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.3 31.9
 279 3.7 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 54.774 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. 0.01 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion:149 Resp: 1033357
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 8.7 8.4 12.6

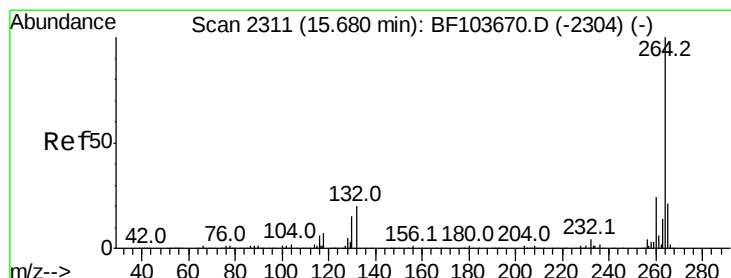
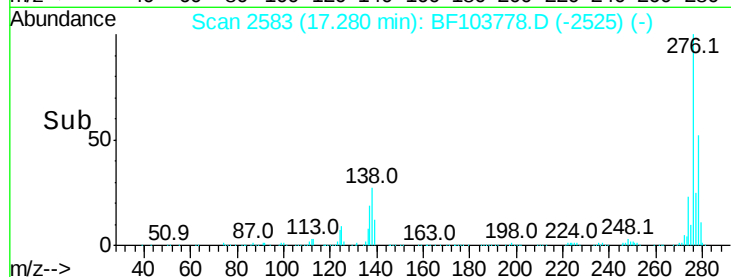
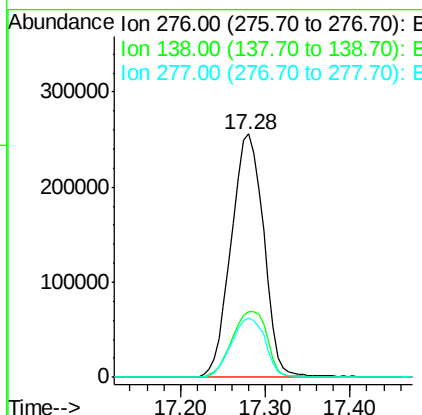
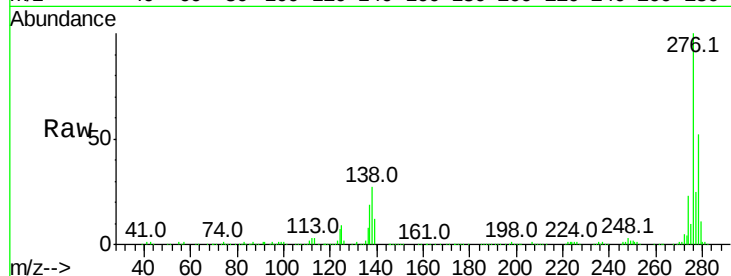




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.613 ng
 RT: 17.28 min Scan# 2583
 Delta R.T. 0.04 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

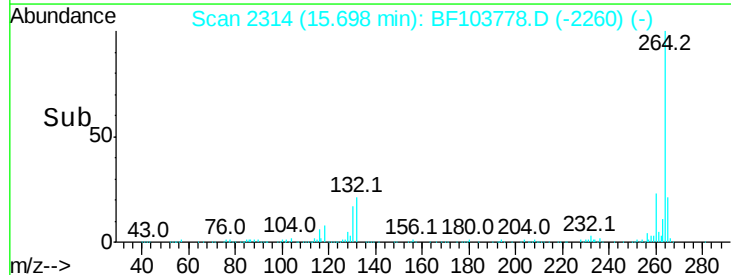
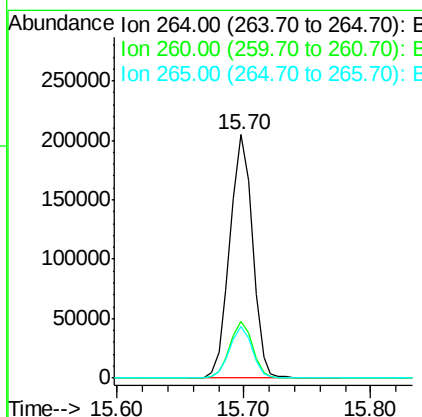
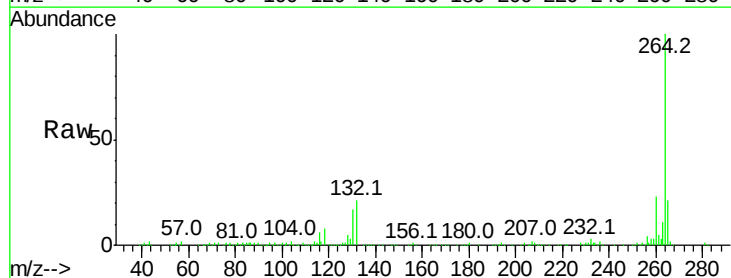
Instrument :
 BNA_F
 ClientSampleId :

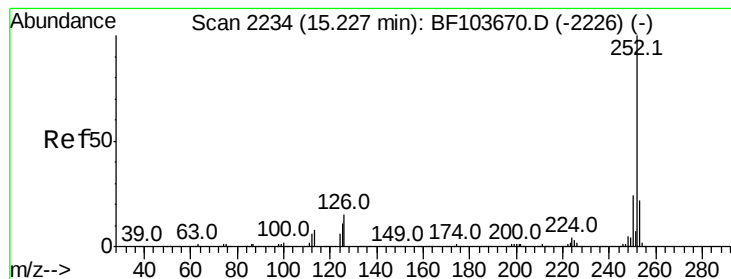
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.9	25.0	37.6
277	25.7	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103778.D
 Acq: 20 Mar 2018 1:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 44.901 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

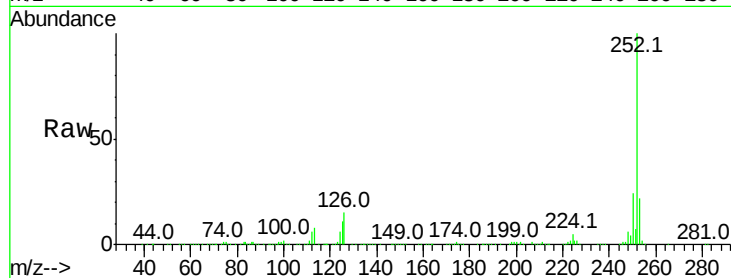
Tot Ion:252 Resp: 721830

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

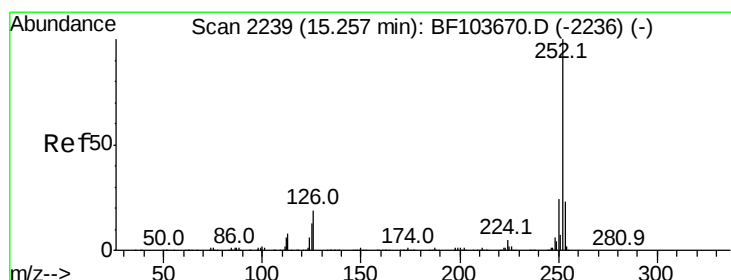
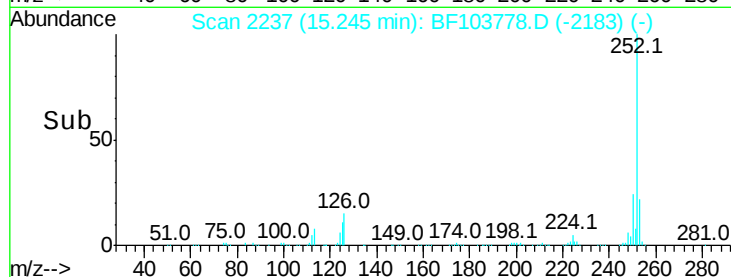
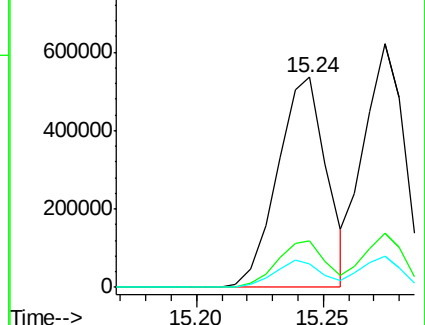
125 11.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 45.269 ng

RT: 15.27 min Scan# 2242

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

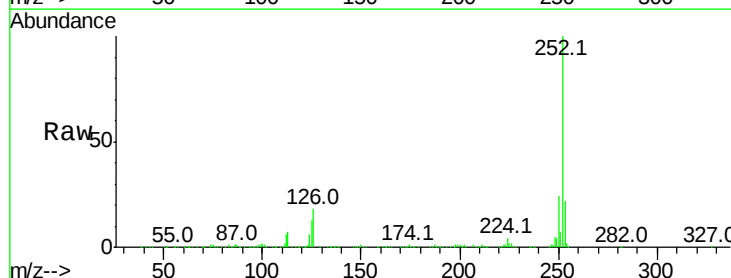
Tgt Ion:252 Resp: 699562

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

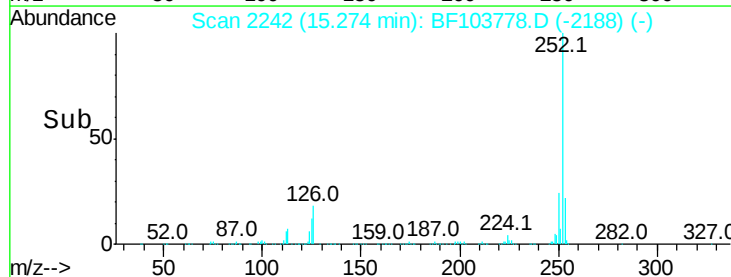
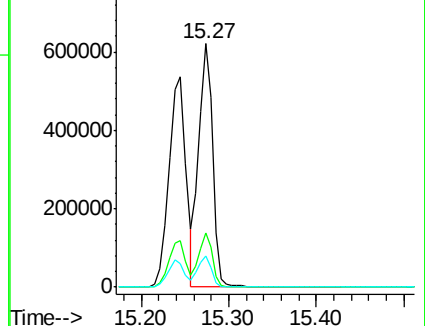
125 12.5 10.2 15.2

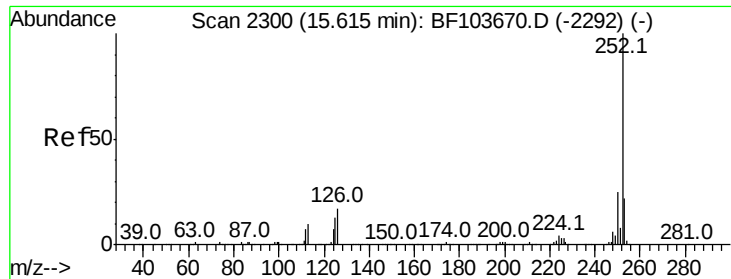


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.732 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.02 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

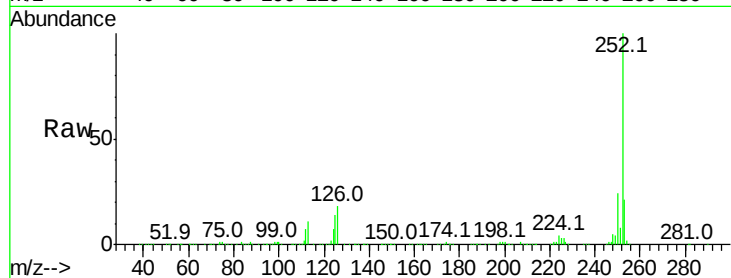
Tot Ion:252 Resp: 666830

Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

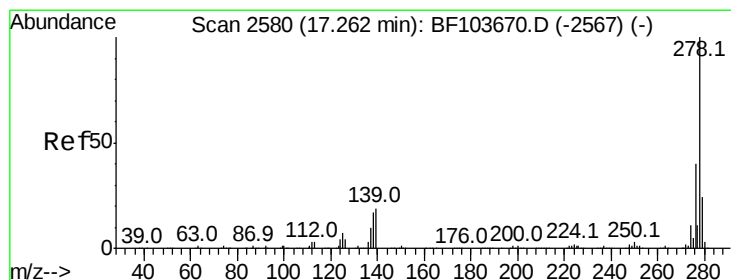
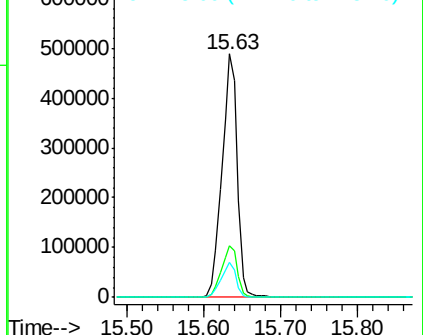
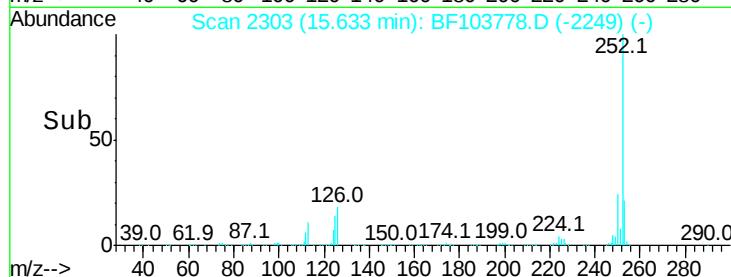
125 14.2 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.642 ng

RT: 17.30 min Scan# 2586

Delta R.T. 0.04 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

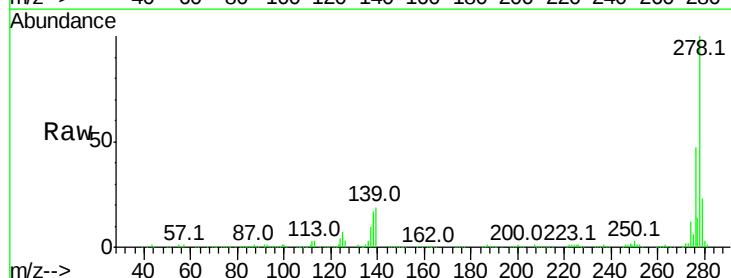
Tgt Ion:278 Resp: 588895

Ion Ratio Lower Upper

278 100

139 19.1 15.9 23.9

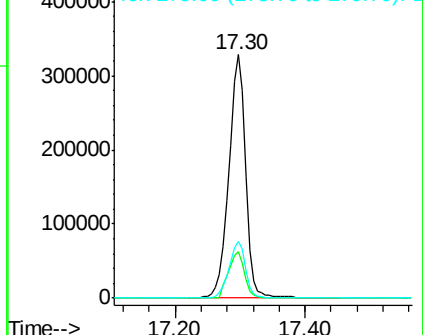
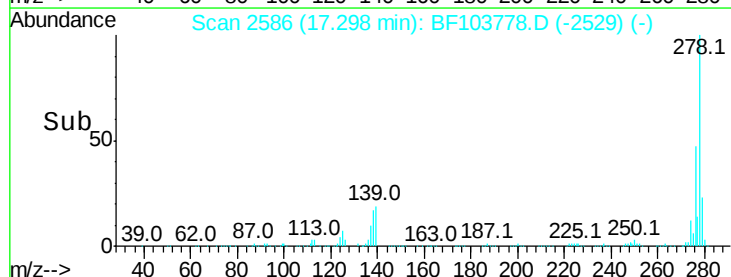
279 23.2 19.0 28.4

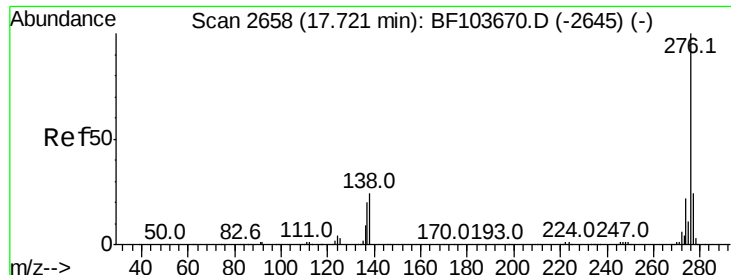


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 44.854 ng

RT: 17.76 min Scan# 2665

Delta R.T. 0.04 min

Lab File: BF103778.D

Acq: 20 Mar 2018 1:25

Instrument :

BNA_F

ClientSampleId :

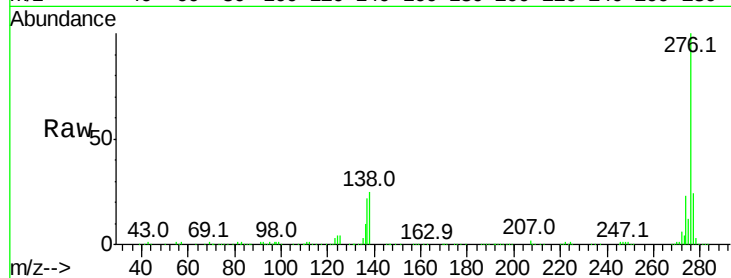
Tot Ion:276 Resp: 550946

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 25.0 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

