

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100855.D
 Acq On : 23 Nov 2017 6:07
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 23 23:47:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	73337	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	290092	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	128495	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	219245	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	138995	20.00	ng	-0.02
86) Perylene-d12	15.50	264	159465	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	366372	80.08	ng	-0.02
7) Phenol-d6	6.49	99	452629	80.23	ng	-0.02
23) Nitrobenzene-d5	7.43	82	402374	91.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	111144	84.88	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	781614	92.62	ng	-0.02
78) Terphenyl-d14	12.97	244	543687	89.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	80214	35.978	ng	99
3) Pyridine	3.39	79	214381	35.244	ng	95
4) n-Nitrosodimethylamine	3.35	42	105477	35.715	ng	# 92
6) Aniline	6.53	93	296336	37.180	ng	98
8) 2-Chlorophenol	6.65	128	201505	41.634	ng	98
9) Benzaldehyde	6.42	77	140480	34.868	ng	95
10) Phenol	6.51	94	247540	41.797	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	186391	37.468	ng	96
12) 1,3-Dichlorobenzene	6.80	146	234417	42.010	ng	97
13) 1,4-Dichlorobenzene	6.88	146	237626	42.075	ng	97
14) 1,2-Dichlorobenzene	7.03	146	222553	42.620	ng	97
15) Benzyl Alcohol	7.00	79	172661	39.214	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	272083	34.197	ng	100
17) 2-Methylphenol	7.12	107	166213	40.187	ng	98
18) Hexachloroethane	7.37	117	66263	35.584	ng	# 88
19) n-Nitroso-di-n-propylamine	7.28	70	147103	37.598	ng	98
20) 3+4-Methylphenols	7.27	107	207926	39.727	ng	# 79
22) Acetophenone	7.27	105	277816	39.274	ng	# 96
24) Nitrobenzene	7.45	77	201781	44.680	ng	99
25) Isophorone	7.69	82	340671	36.947	ng	99
26) 2-Nitrophenol	7.76	139	103326	48.708	ng	90
27) 2,4-Dimethylphenol	7.80	122	157420	38.085	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	230119	38.154	ng	99
29) 2,4-Dichlorophenol	8.00	162	171192	43.384	ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	185087	43.363	ng	97
31) Naphthalene	8.17	128	574811	41.139	ng	100
32) Benzoic acid	7.91	122	83010	30.477	ng	99
33) 4-Chloroaniline	8.22	127	234095	40.250	ng	99
34) Hexachlorobutadiene	8.28	225	111361	43.880	ng	100
35) Caprolactam	8.60	113	49676	36.684	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	170037	40.122	ng	99
37) 2-Methylnaphthalene	8.86	142	380119	40.978	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	202927	47.618	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	17909	8.929	ng	99

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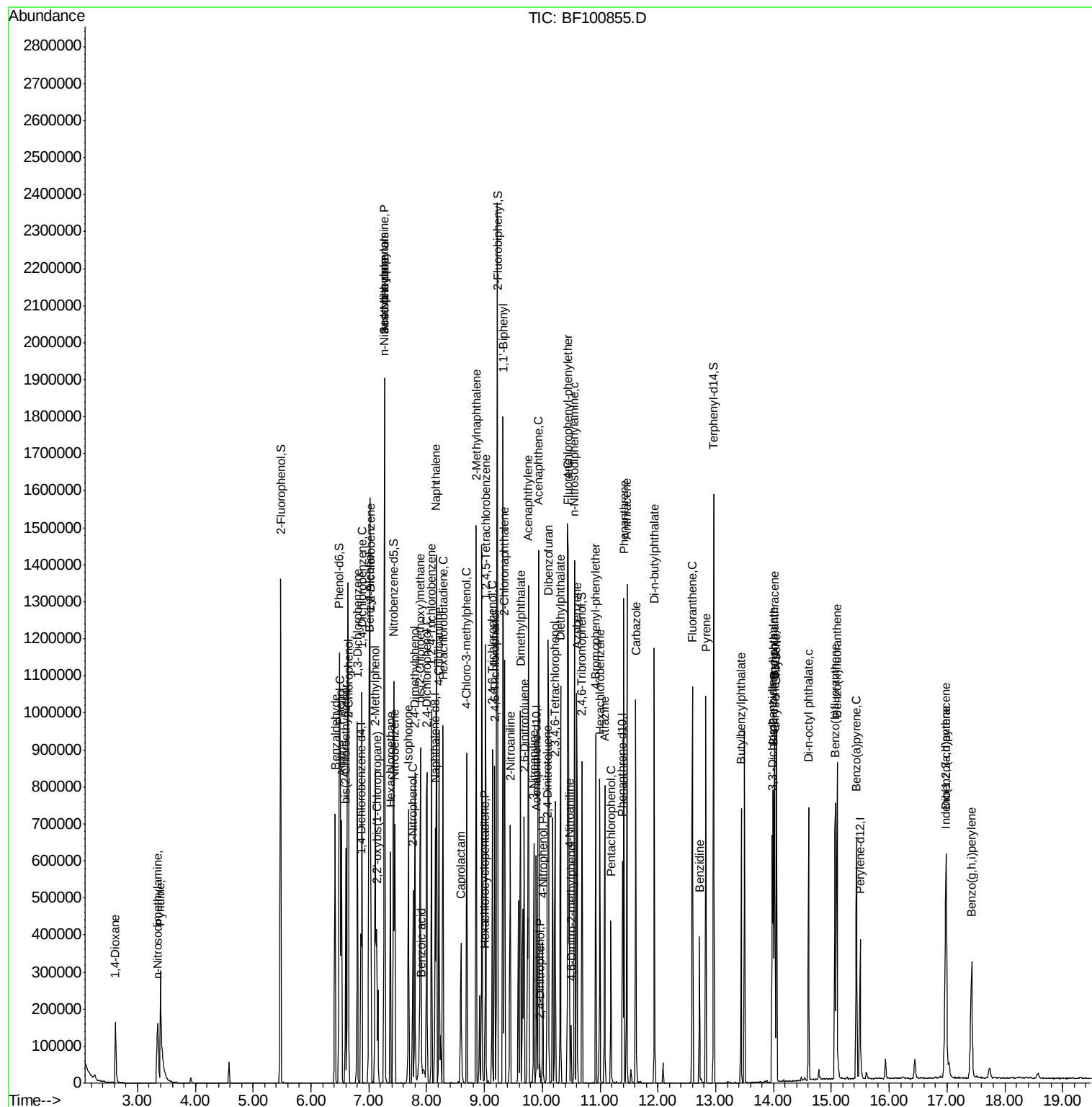
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	122471	45.345	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	129909	46.424	ng	94
45) 1,1'-Biphenyl	9.32	154	494330	44.480	ng	98
46) 2-Chloronaphthalene	9.35	162	362895	45.011	ng	95
47) 2-Nitroaniline	9.45	65	106634	44.949	ng	98
48) Acenaphthylene	9.76	152	571386	42.764	ng	99
49) Dimethylphthalate	9.62	163	430206	43.850	ng	99
50) 2,6-Dinitrotoluene	9.69	165	90524	46.614	ng	88
51) Acenaphthene	9.93	154	339814	41.818	ng	98
52) 3-Nitroaniline	9.86	138	99128	43.227	ng	94
53) 2,4-Dinitrophenol	9.96	184	8113	20.005	ng	# 12
54) Dibenzofuran	10.10	168	480666	42.203	ng	99
55) 4-Nitrophenol	10.01	139	59796	32.113	ng	91
56) 2,4-Dinitrotoluene	10.09	165	114637	46.793	ng	# 92
57) Fluorene	10.45	166	375583	45.016	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	90867	39.620	ng	# 83
59) Diethylphthalate	10.32	149	414954	42.265	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	188445	46.041	ng	90
61) 4-Nitroaniline	10.47	138	90456	41.600	ng	88
62) Azobenzene	10.60	77	339724	36.739	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	21557	24.567	ng	75
65) n-Nitrosodiphenylamine	10.56	169	366970	48.138	ng	95
66) 4-Bromophenyl-phenylether	10.93	248	113277	48.197	ng	# 89
67) Hexachlorobenzene	11.00	284	114382	46.532	ng	# 83
68) Atrazine	11.09	200	106277	46.055	ng	96
69) Pentachlorophenol	11.19	266	54265	30.787	ng	98
70) Phenanthrene	11.41	178	483374	41.874	ng	98
71) Anthracene	11.46	178	486940	41.578	ng	100
72) Carbazole	11.62	167	412629	38.184	ng	98
73) Di-n-butylphthalate	11.94	149	576104	45.556	ng	99
74) Fluoranthene	12.60	202	416740	34.064	ng	95
76) Benzidine	12.72	184	173446	31.159	ng	98
77) Pyrene	12.83	202	410883	41.469	ng	99
79) Butylbenzylphthalate	13.44	149	166529	41.213	ng	92
80) Benzo(a)anthracene	14.02	228	357660	42.730	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	133025	44.357	ng	# 99
82) Chrysene	14.05	228	335297	41.367	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	216017	40.647	ng	99
84) Di-n-octyl phthalate	14.60	149	370675	40.600	ng	98
85) Indeno(1,2,3-cd)pyrene	16.97	276	348570	53.167	ng	94
87) Benzo(b)fluoranthene	15.07	252	375857	39.784	ng	96
88) Benzo(k)fluoranthene	15.10	252	367967	41.222	ng	# 97
89) Benzo(a)pyrene	15.43	252	349664	41.748	ng	99
90) Dibenzo(a,h)anthracene	16.99	278	295419	43.130	ng	97
91) Benzo(g,h,i)perylene	17.43	276	271475	40.489	ng	# 92

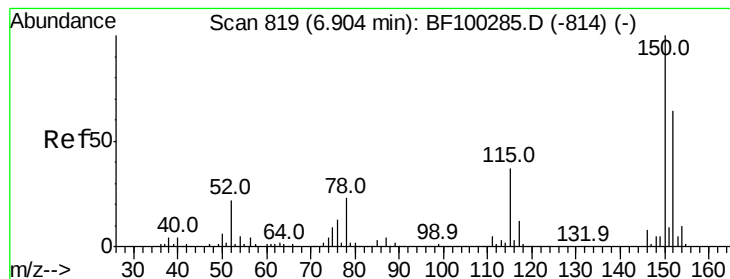
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
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Instrument :
BNA_F
ClientSampleId :

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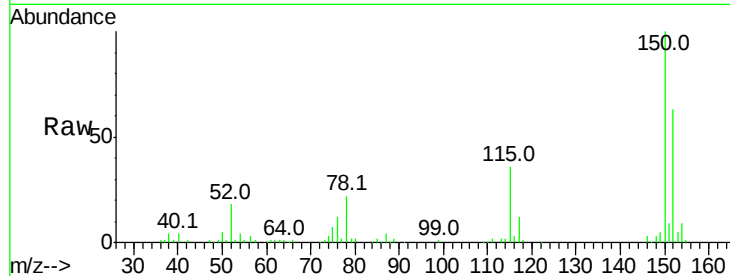


#1

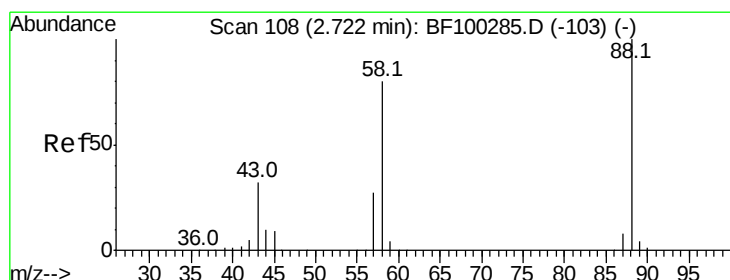
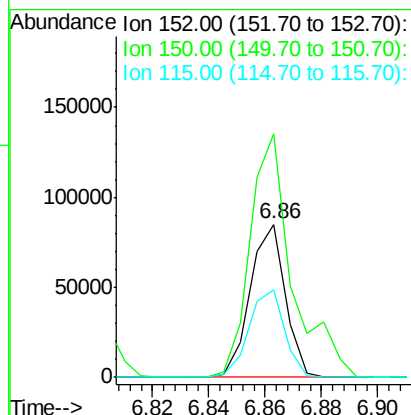
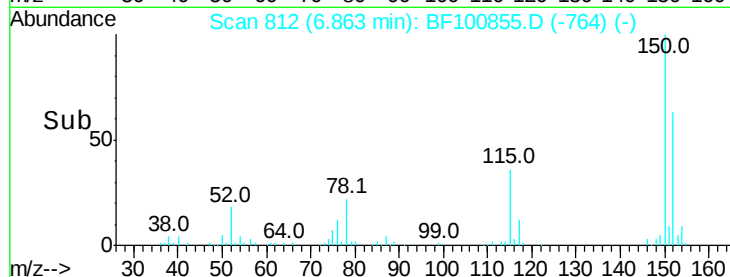
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	57.1	50.1	75.1



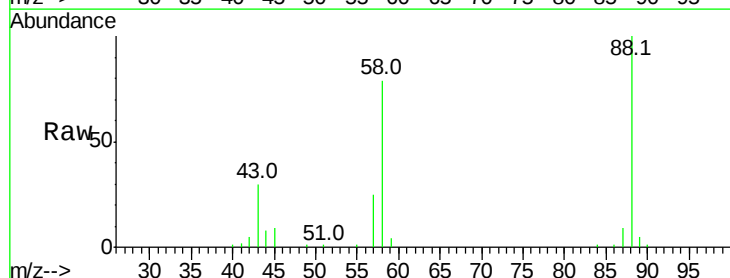
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



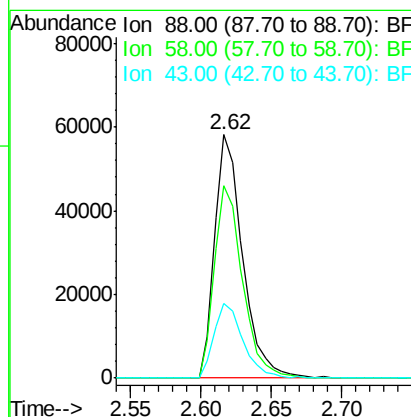
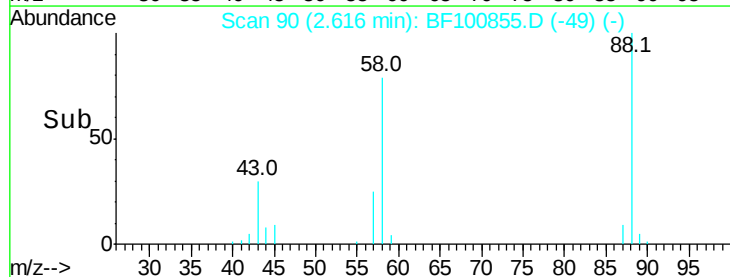
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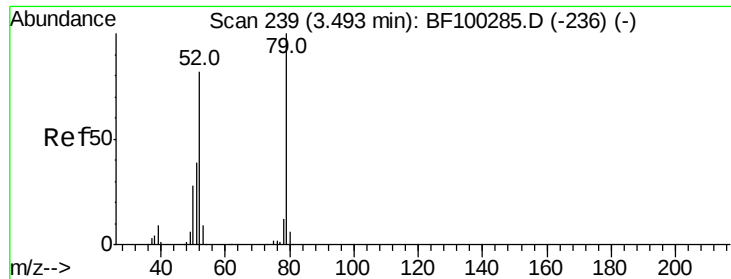
1,4-Dioxane
 Concen: 35.978 ng
 RT: 2.62 min Scan# 90
 Delta R.T. -0.06 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	62.6	93.8
43	31.8	24.6	37.0



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





#3

Pvridine

Concen: 35.244 ng

RT: 3.39 min Scan# 222

Delta R.T. -0.05 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

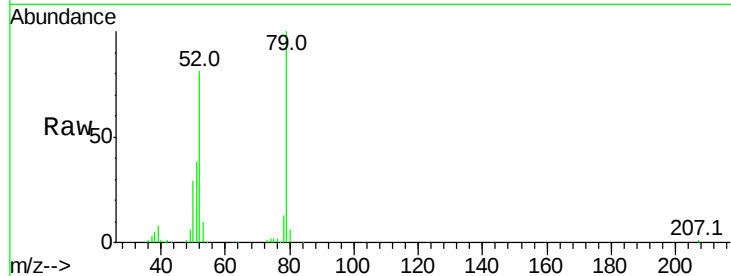
Tot Ion: 79 Resp: 214381

Ion Ratio Lower Upper

79 100

52 81.0 59.8 89.6

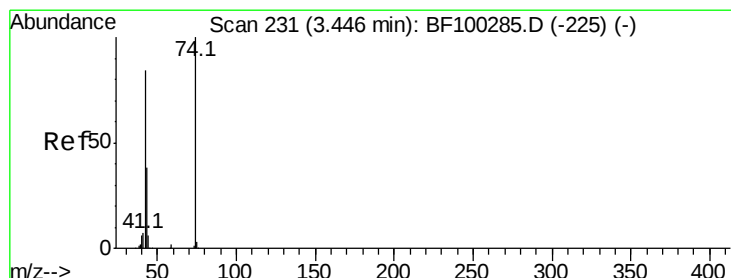
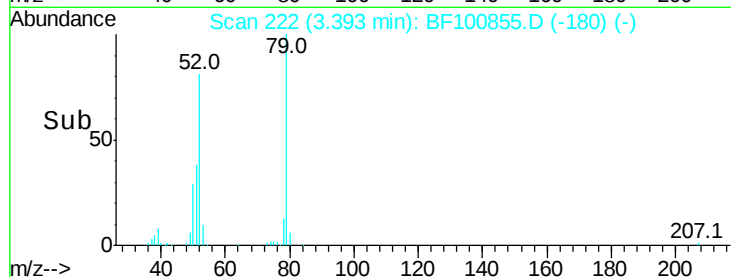
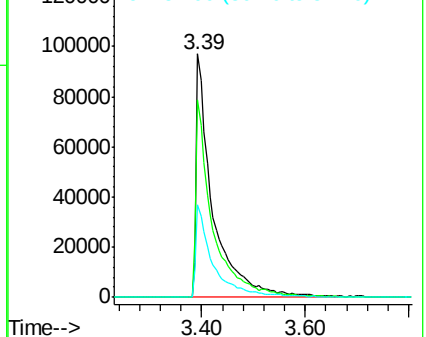
51 37.9 29.8 44.8



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: 35.715 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.05 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

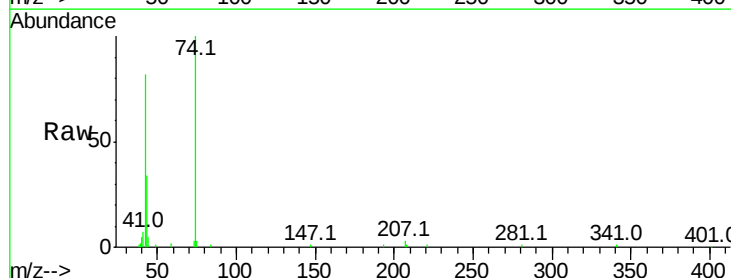
Tgt Ion: 42 Resp: 105477

Ion Ratio Lower Upper

42 100

74 122.0 104.9 157.3

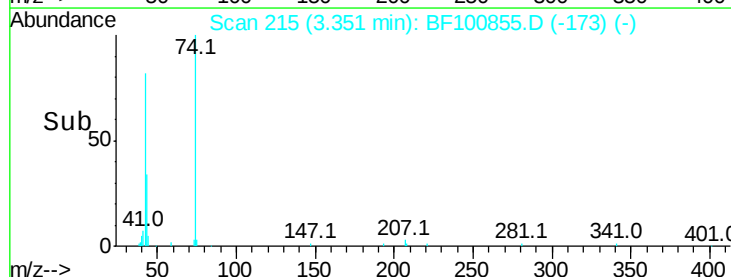
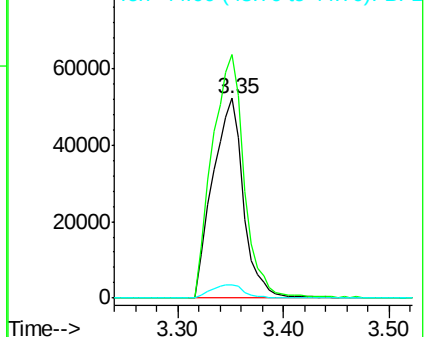
44 6.7 6.9 10.3#

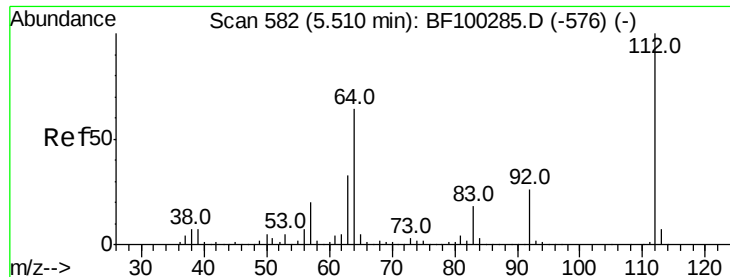


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1

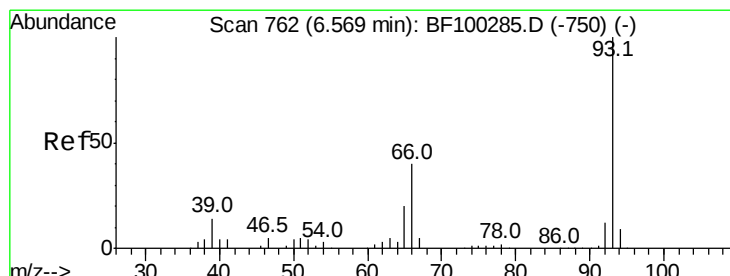
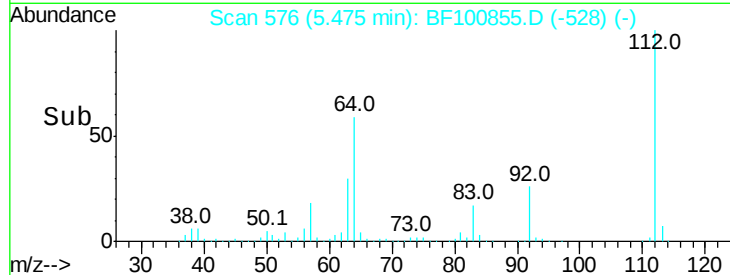
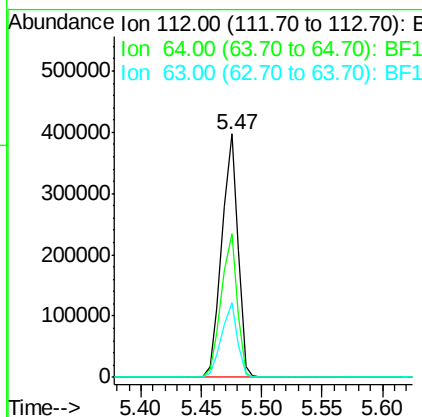
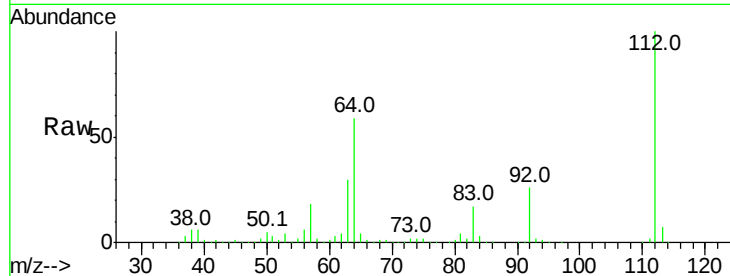




#5
 2-Fluorophenol
 Concen: 80.081 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

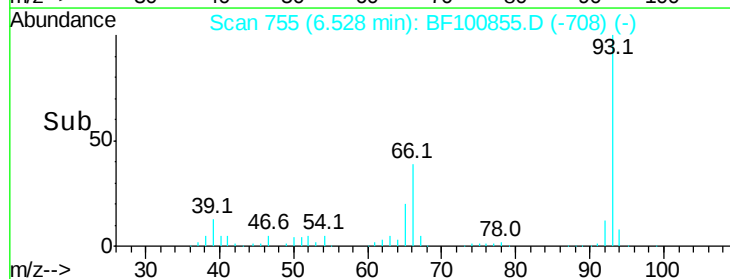
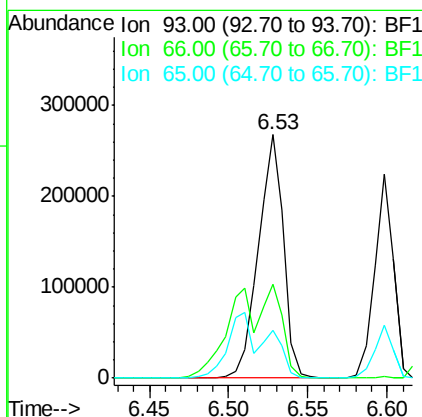
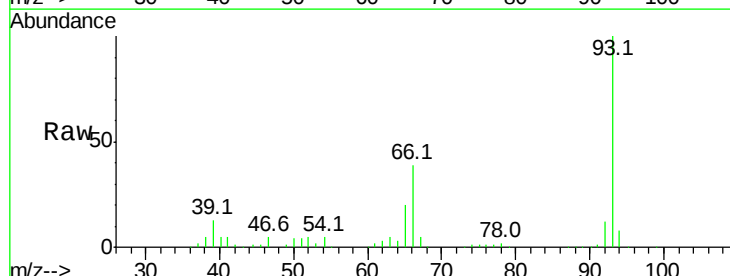
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 366372
 Ion Ratio Lower Upper
 112 100
 64 59.1 47.9 71.9
 63 30.5 23.7 35.5



#6
 Aniline
 Concen: 37.180 ng
 RT: 6.53 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion: 93 Resp: 296336
 Ion Ratio Lower Upper
 93 100
 66 38.8 32.2 48.2
 65 19.7 16.4 24.6





#7

Phenol-d6

Concen: 80.231 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

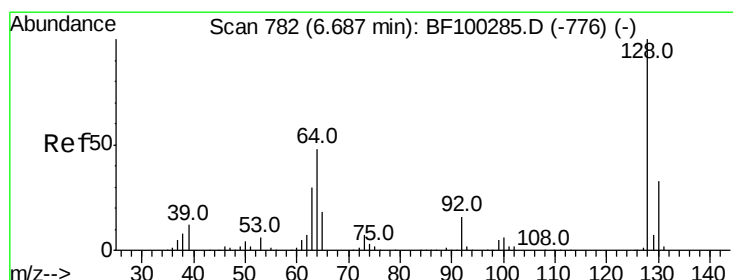
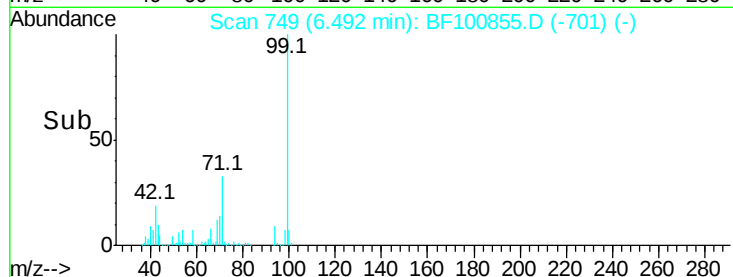
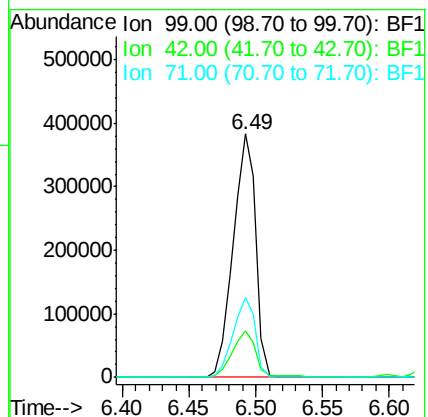
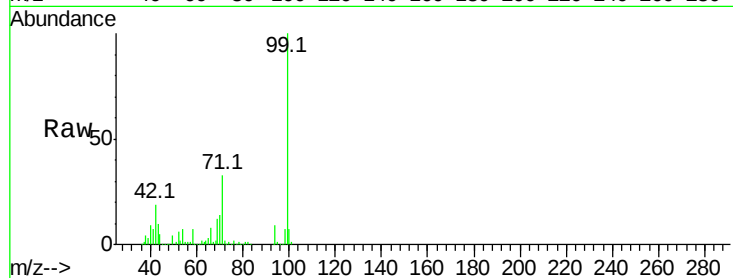
Tot Ion: 99 Resp: 452629

Ion Ratio Lower Upper

99 100

42 19.1 14.5 21.7

71 33.0 25.4 38.0



#8

2-Chlorophenol

Concen: 41.634 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

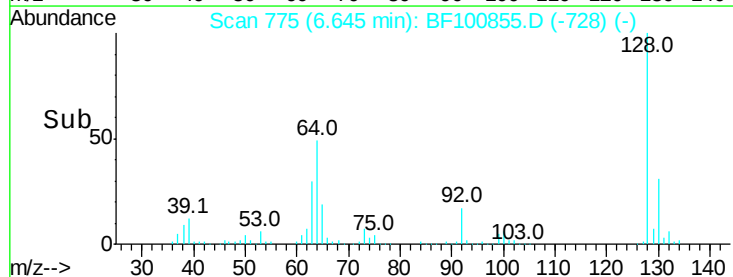
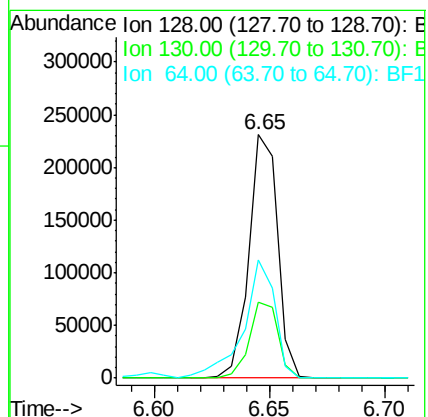
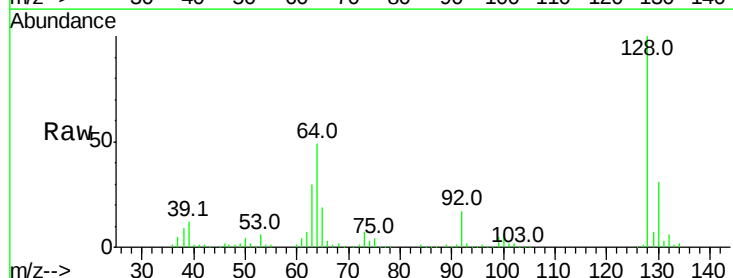
Tgt Ion: 128 Resp: 201505

Ion Ratio Lower Upper

128 100

130 31.1 13.0 53.0

64 48.7 29.4 69.4





#9

Benzaldehyde

Concen: 34.868 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

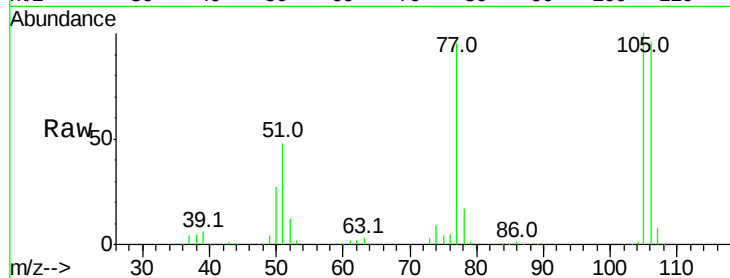
Tot Ion: 77 Resp: 140480

Ion Ratio Lower Upper

77 100

105 105.0 81.1 121.1

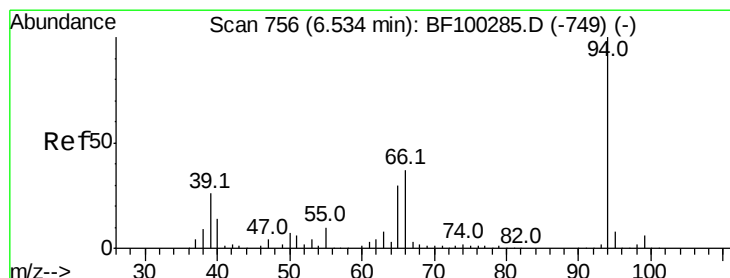
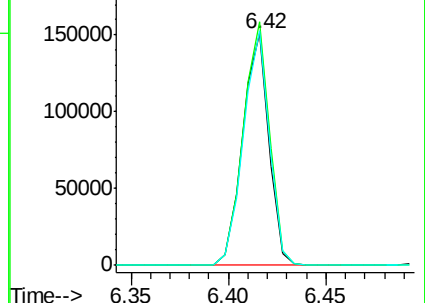
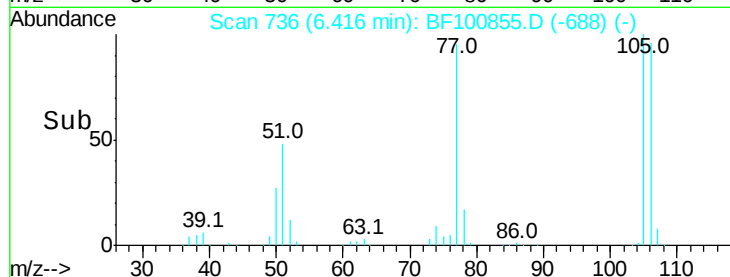
106 101.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.797 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

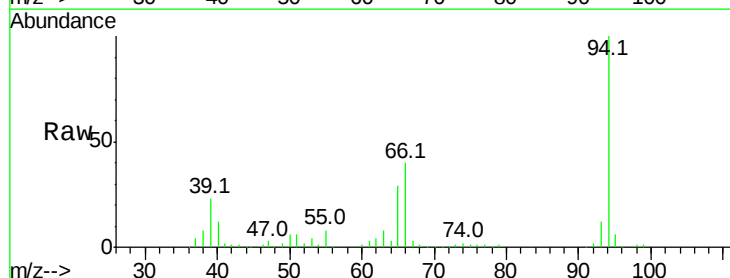
Tgt Ion: 94 Resp: 247540

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

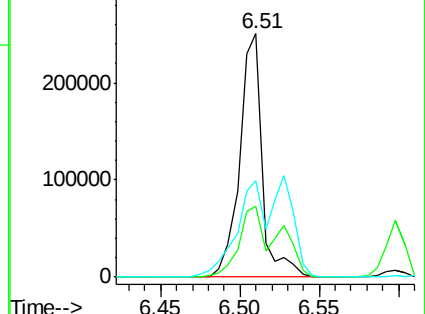
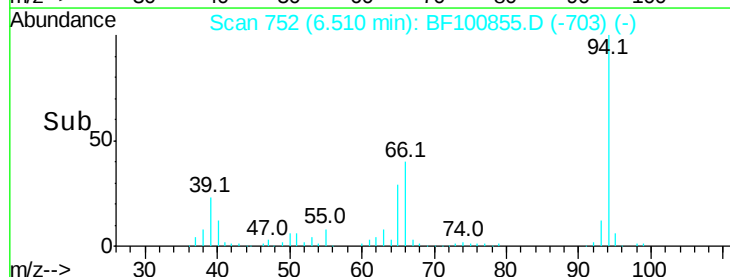
66 39.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.468 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

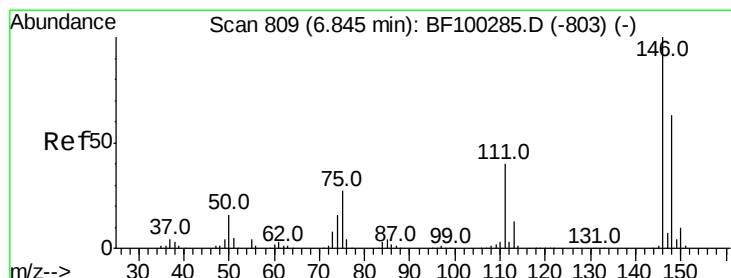
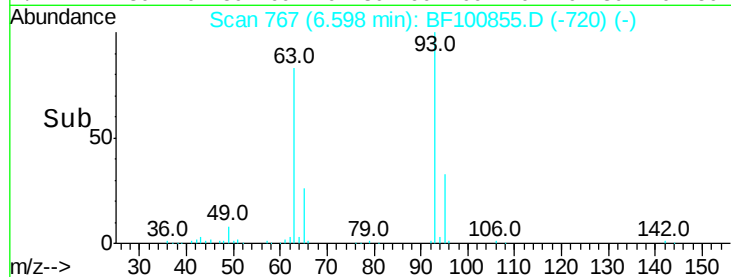
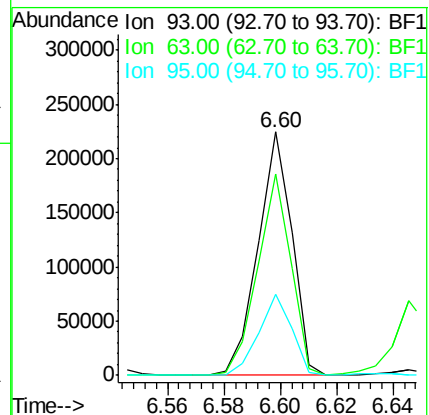
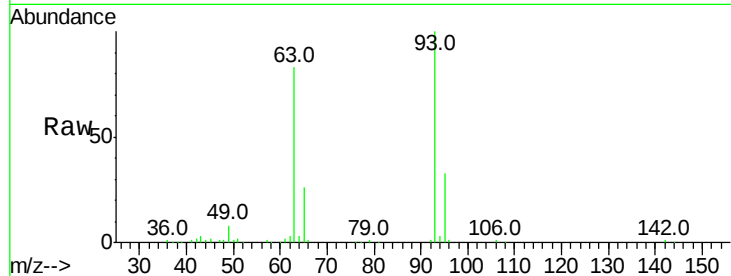
Tot Ion: 93 Resp: 186391

Ion Ratio Lower Upper

93 100

63 82.6 58.6 98.6

95 33.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 42.010 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

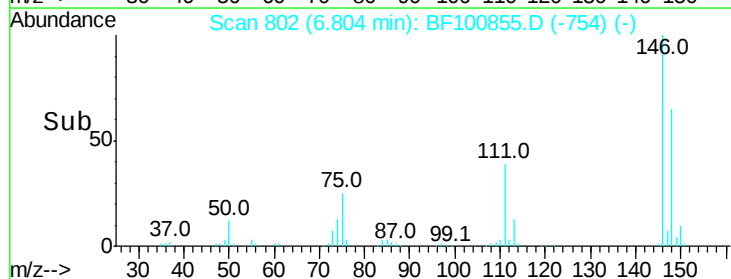
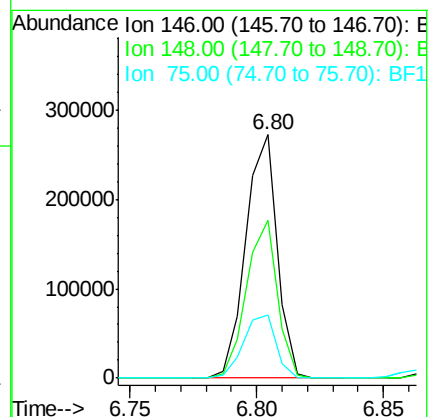
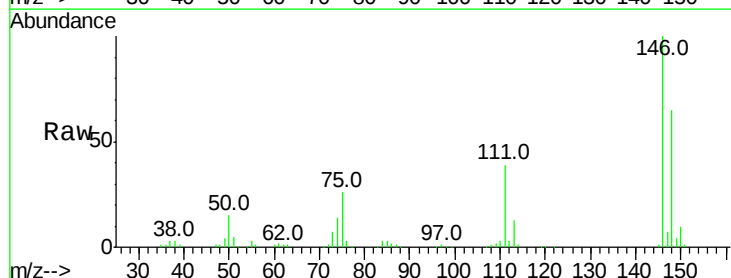
Tgt Ion: 146 Resp: 234417

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 25.7 24.2 36.4

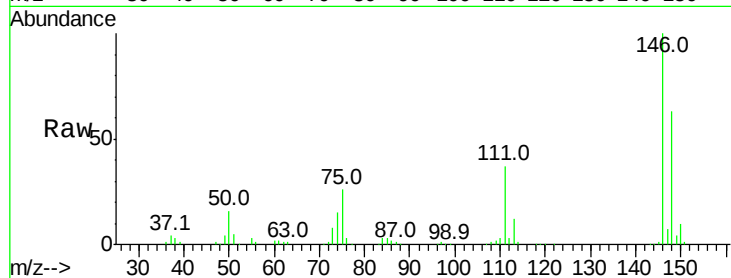




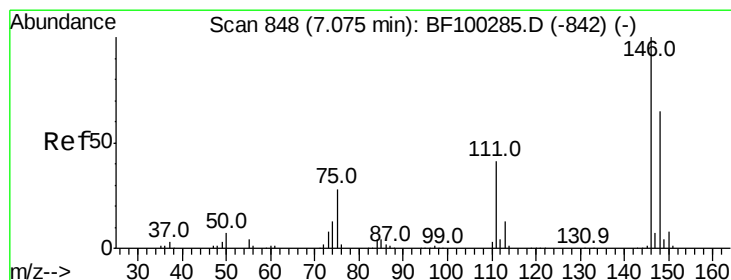
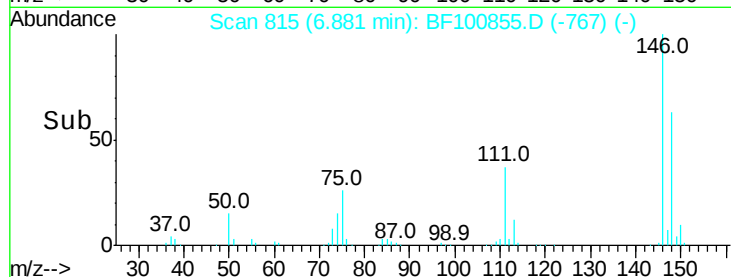
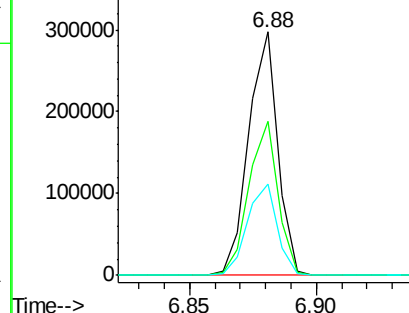
#13
 1,4-Dichlorobenzene
 Concen: 42.075 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 237626
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.8 76.2
 111 37.3 34.2 51.2

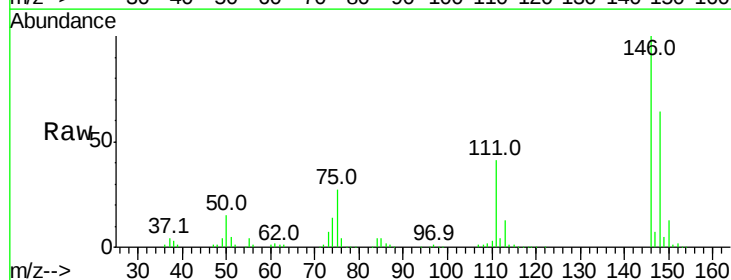


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

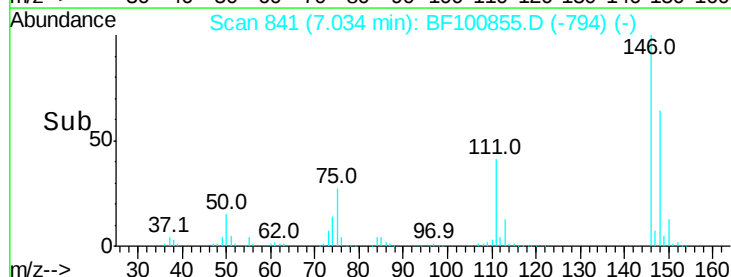
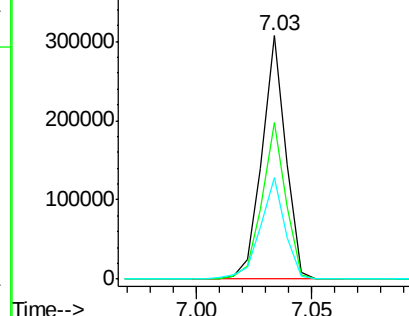


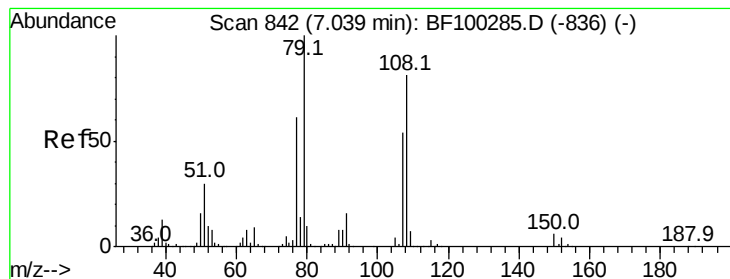
#14
 1,2-Dichlorobenzene
 Concen: 42.620 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:146 Resp: 222553
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.6 75.8
 111 41.5 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: 39.214 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

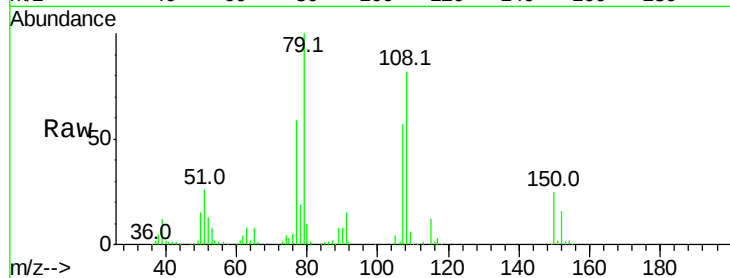
Tot Ion: 79 Resp: 172661

Ion Ratio Lower Upper

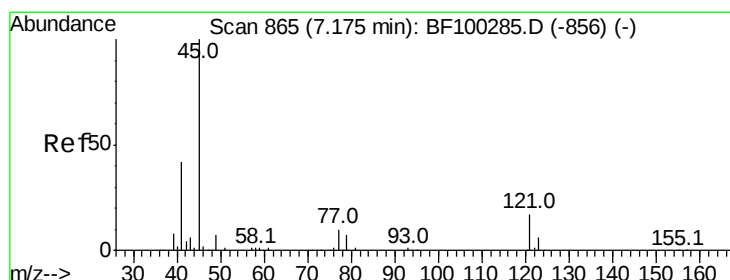
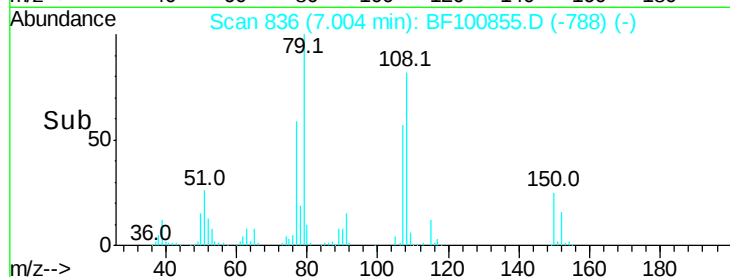
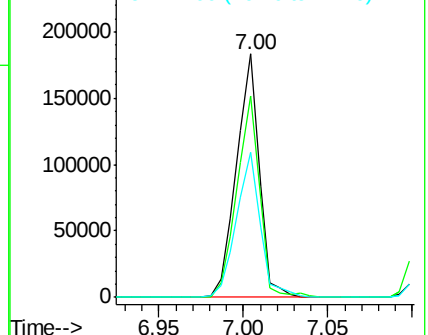
79 100

108 82.5 65.1 97.7

77 59.5 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: 34.197 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

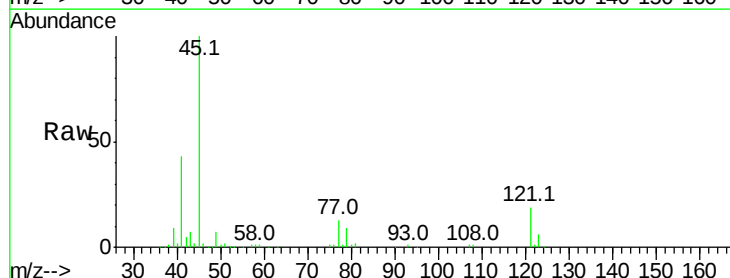
Tgt Ion: 45 Resp: 272083

Ion Ratio Lower Upper

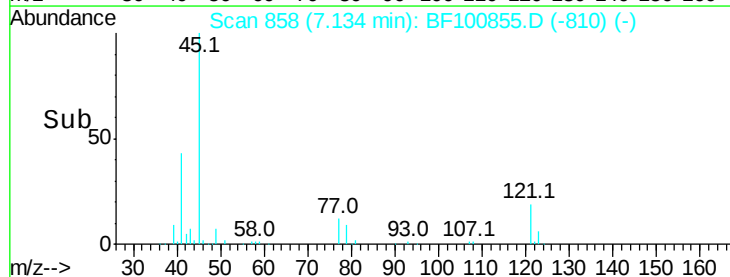
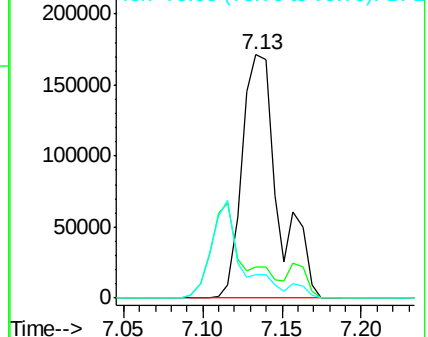
45 100

77 12.9 0.0 32.9

79 9.5 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

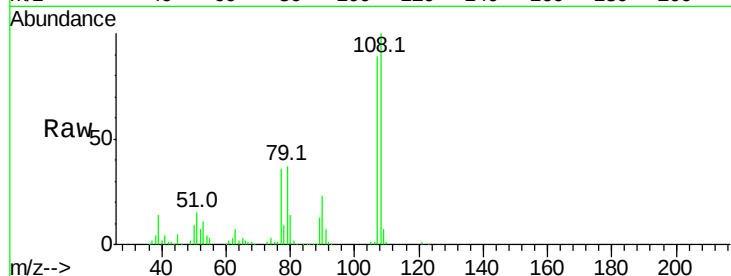




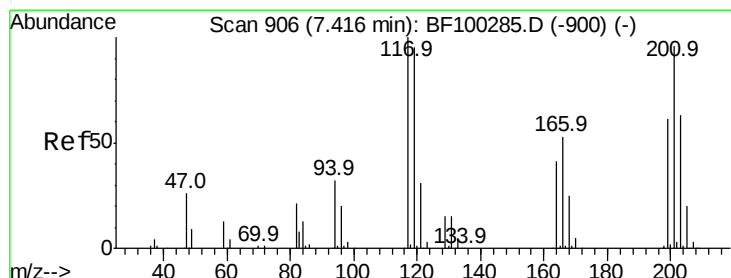
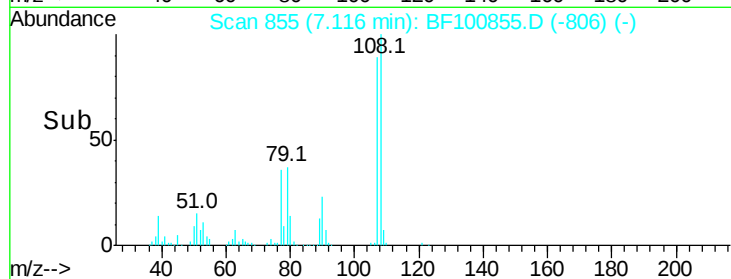
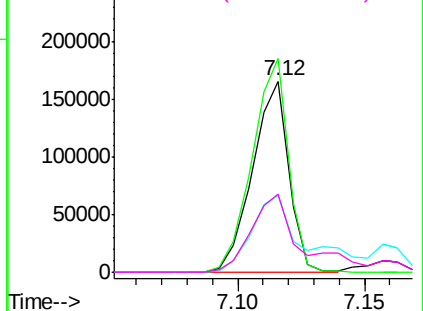
#17
2-Methylphenol
Concen: 40.187 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 166213
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 40.5 33.8 50.8
79 41.2 33.8 50.8

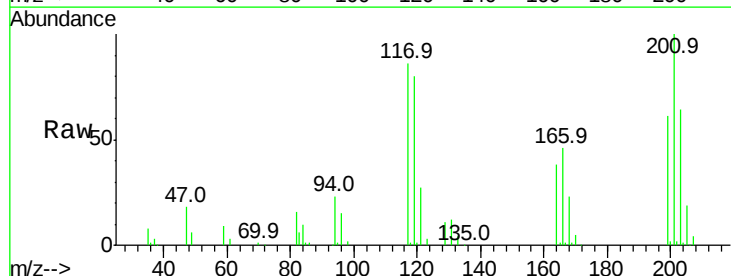


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

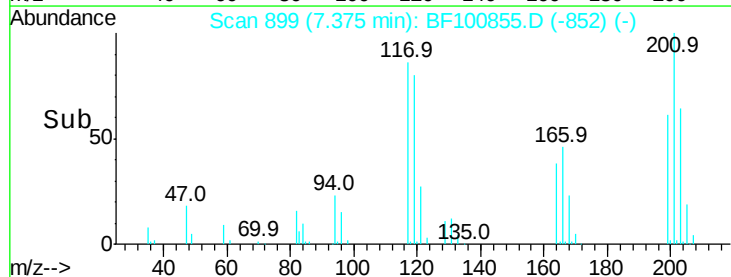
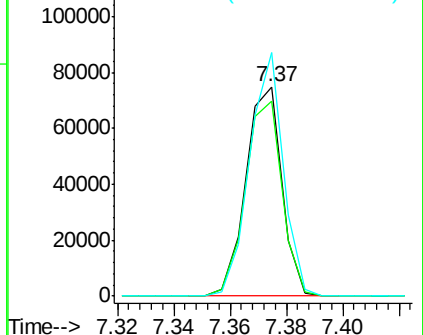


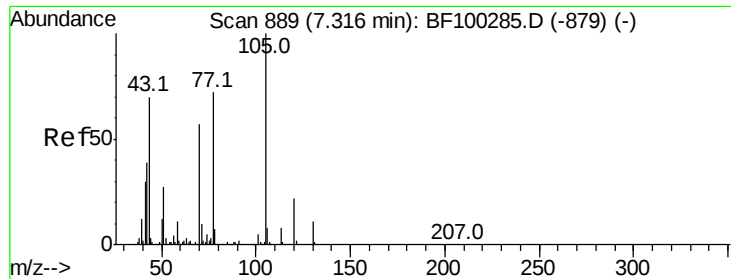
#18
Hexachloroethane
Concen: 35.584 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:117 Resp: 66263
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
201 116.3 75.7 113.5#



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

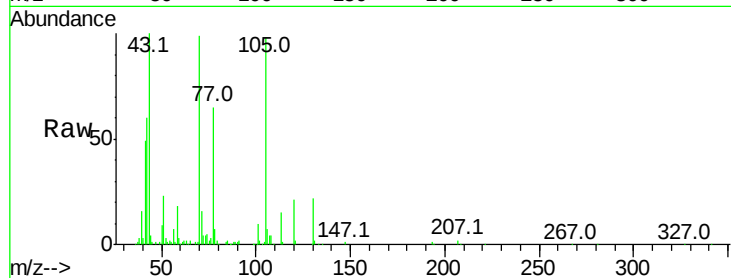




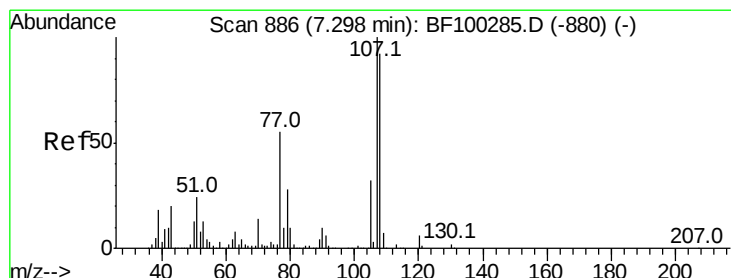
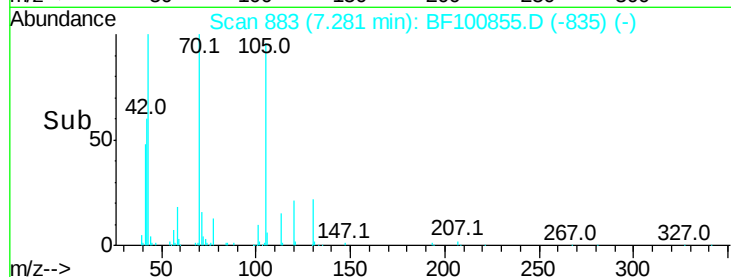
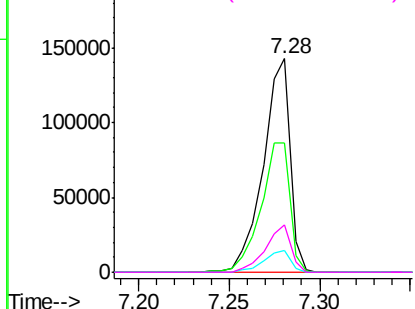
#19
n-Nitroso-di-n-propylamine
Concen: 37.598 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.5	71.3
101	10.2	7.4	11.2
130	22.3	16.6	25.0



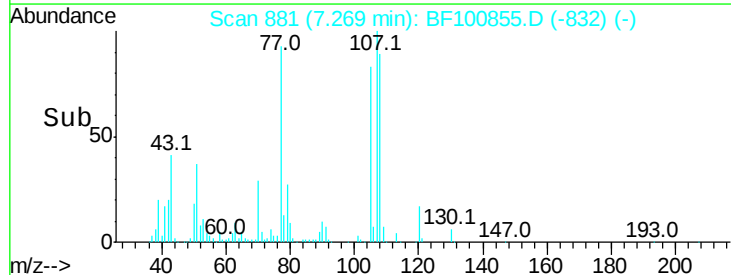
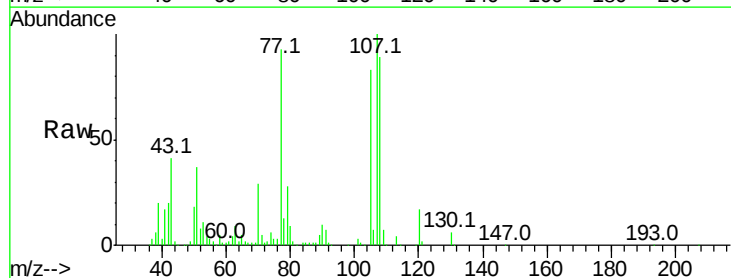
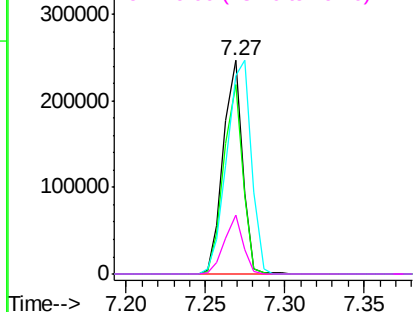
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

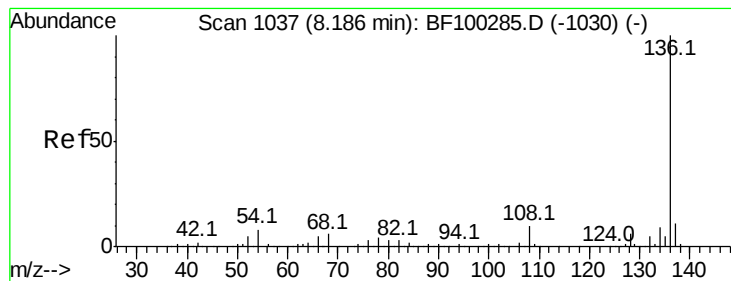


#20
3+4-Methylphenols
Concen: 39.727 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.2	108.2
77	92.9	26.7	66.7#
79	27.8	6.3	46.3

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 290092

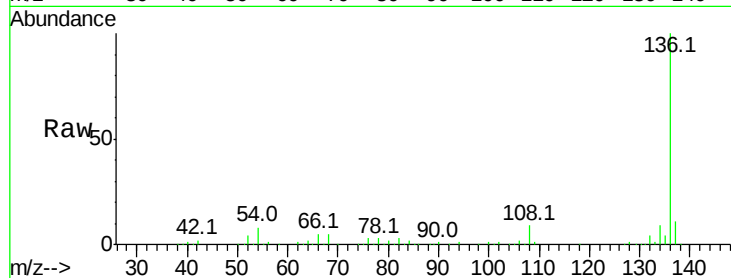
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 6.6 9.8

68 5.4 5.0 7.4

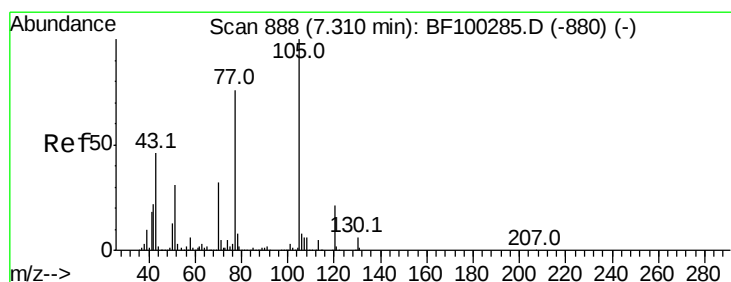
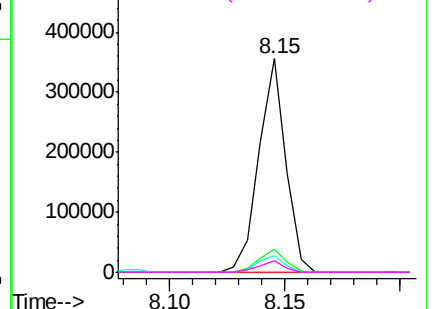
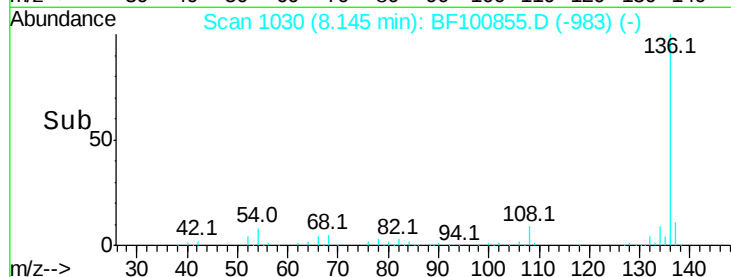


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.274 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Tgt Ion:105 Resp: 277816

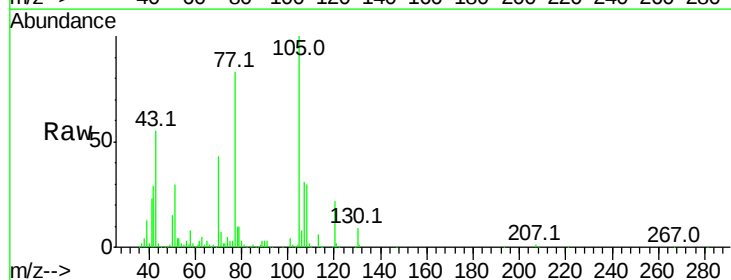
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 30.5 22.3 33.5

120 21.8 16.9 25.3

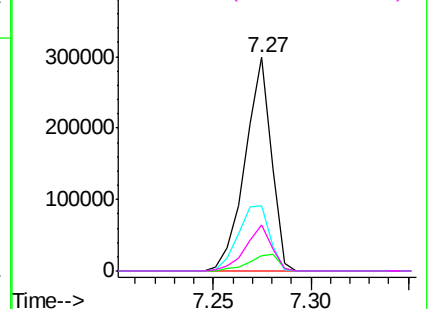
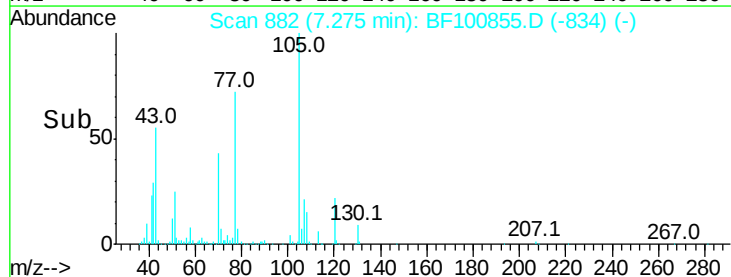


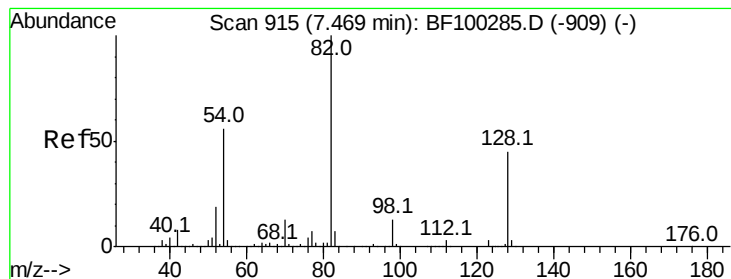
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.703 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampled :

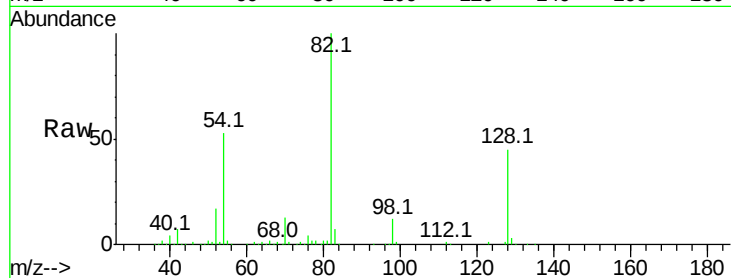
Tot Ion: 82 Resp: 402374

Ion Ratio Lower Upper

82 100

128 45.3 36.1 54.1

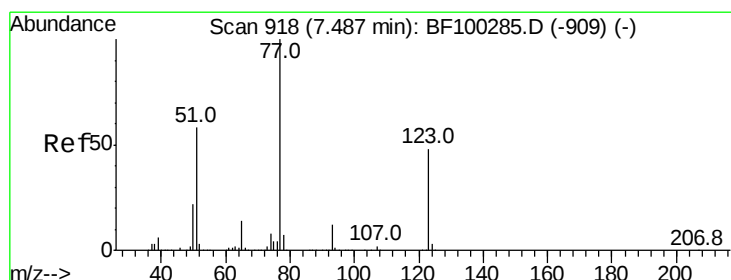
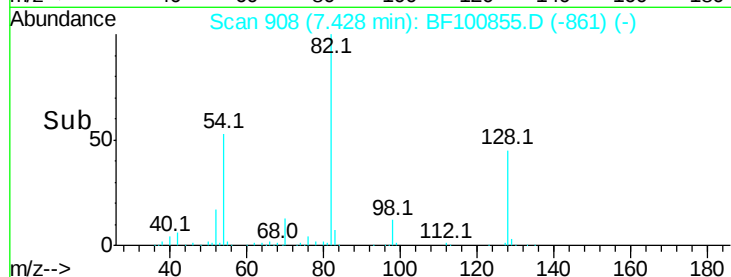
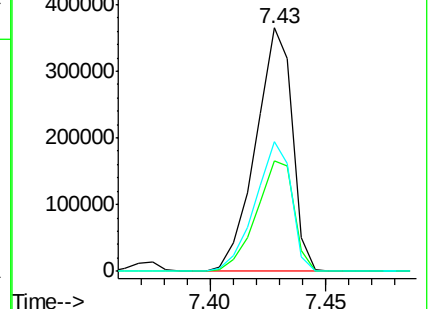
54 53.2 41.4 62.2



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: 44.680 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

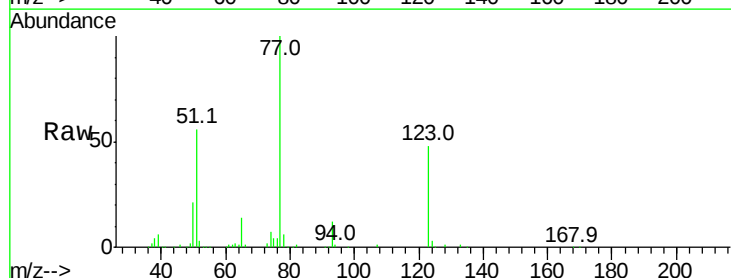
Tgt Ion: 77 Resp: 201781

Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

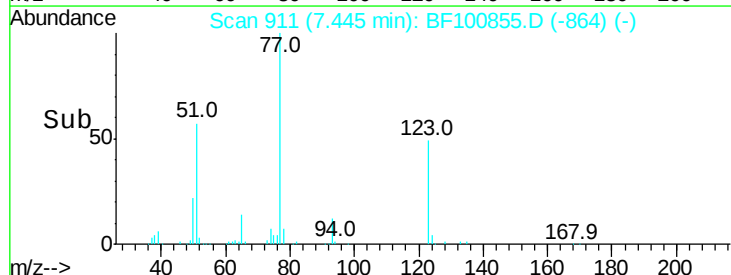
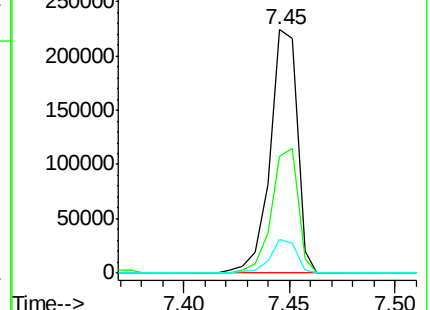
65 14.0 11.0 16.4

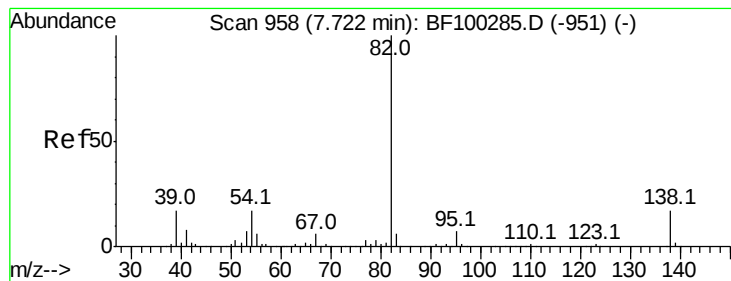


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.947 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

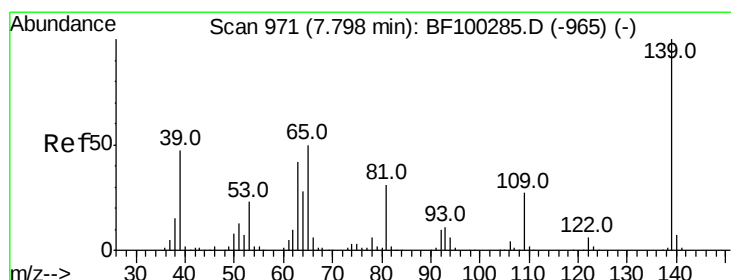
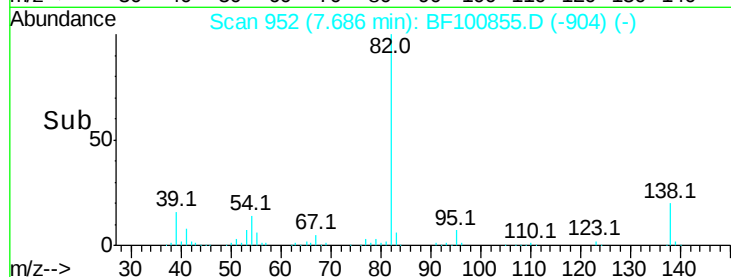
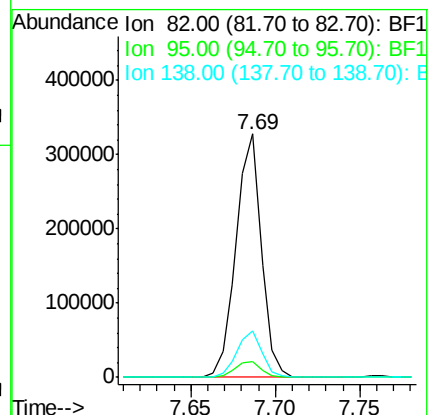
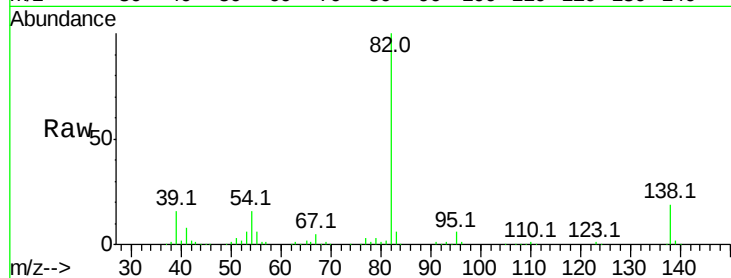
Tot Ion: 82 Resp: 340671

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 48.708 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

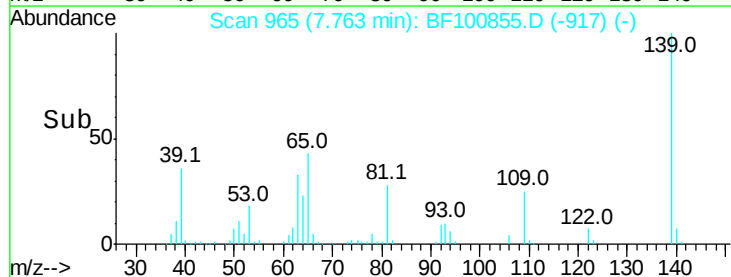
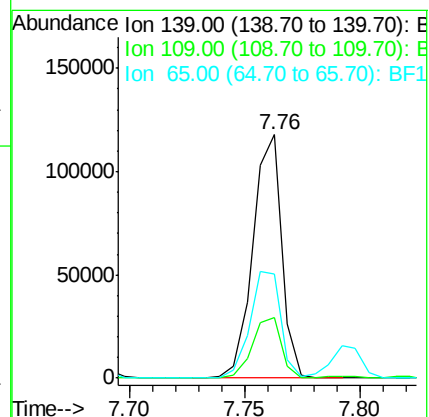
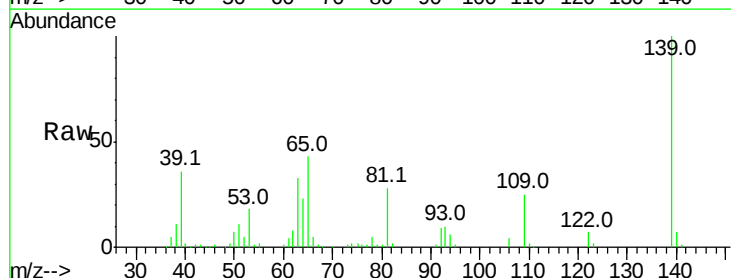
Tgt Ion: 139 Resp: 103326

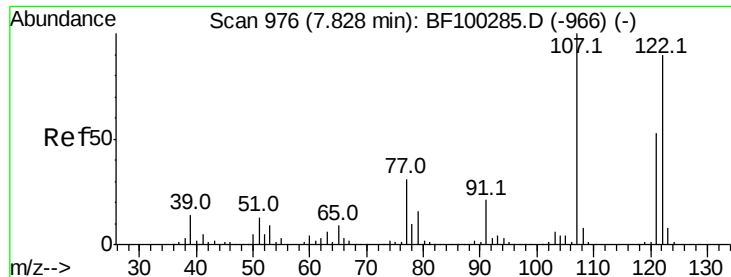
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 42.5 40.5 60.7

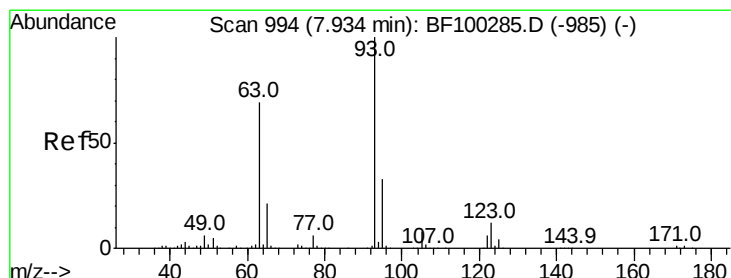
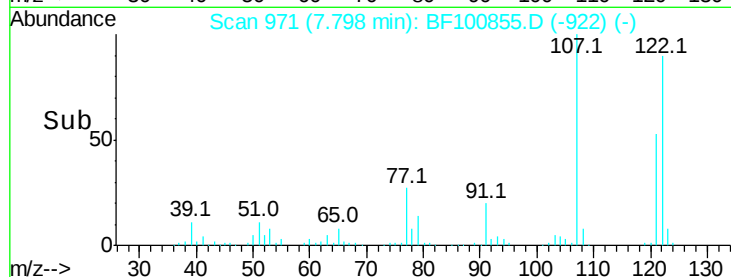
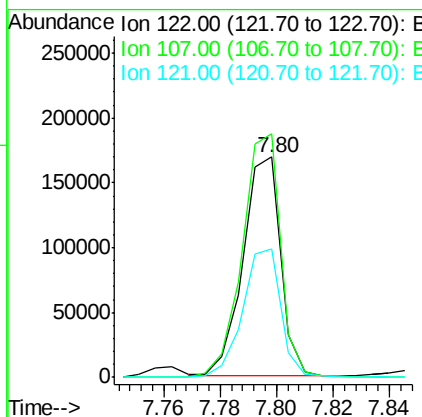
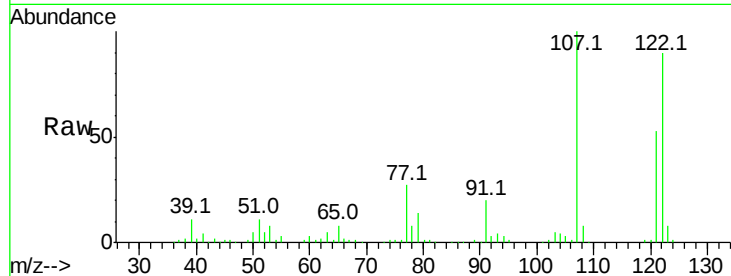




#27
2,4-Dimethylphenol
Concen: 38.085 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

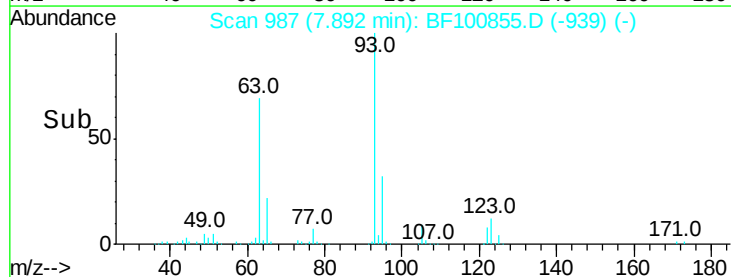
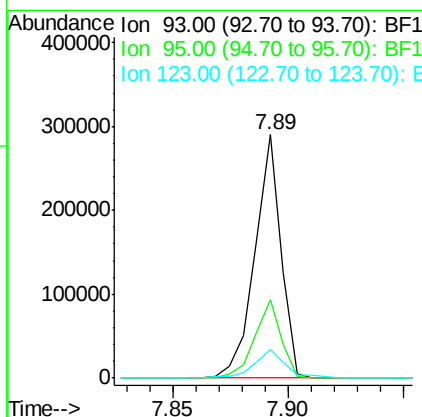
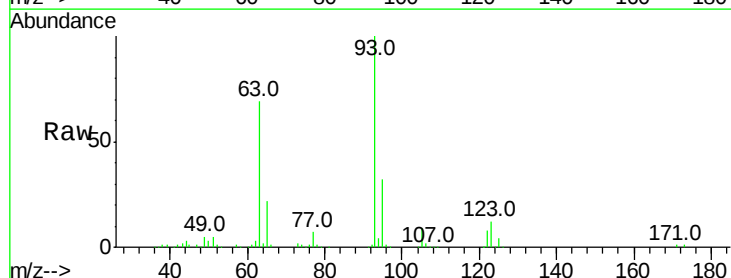
Instrument :
BNA_F
ClientSampled :

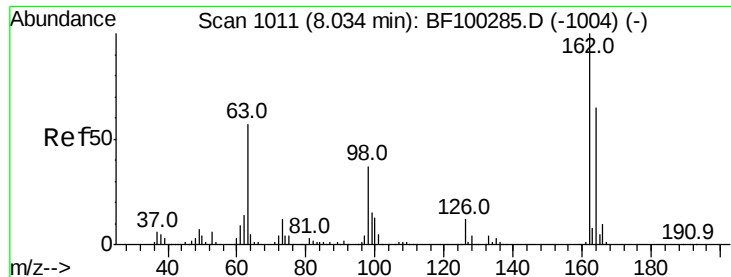
Tot Ion:122 Resp: 157420
Ion Ratio Lower Upper
122 100
107 110.6 91.2 136.8
121 58.1 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.154 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion: 93 Resp: 230119
Ion Ratio Lower Upper
93 100
95 32.5 26.3 39.5
123 11.5 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 43.384 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

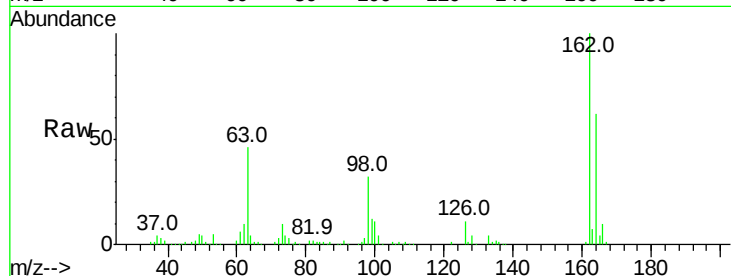
Tot Ion:162 Resp: 171192

Ion Ratio Lower Upper

162 100

164 62.0 42.7 82.7

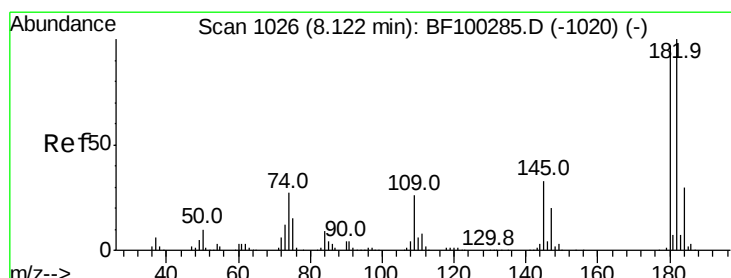
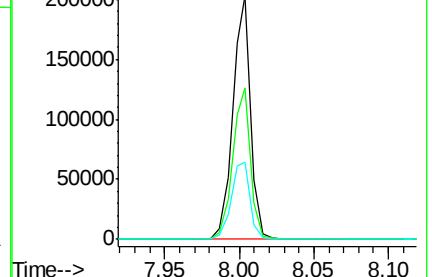
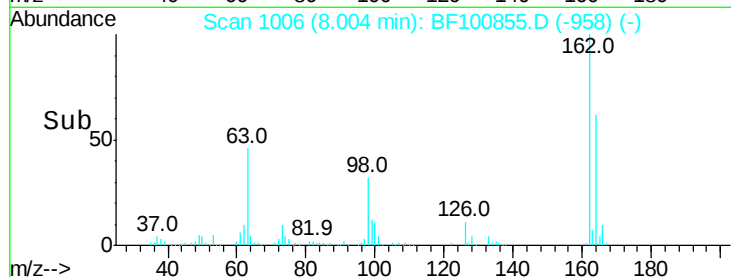
98 31.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 43.363 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

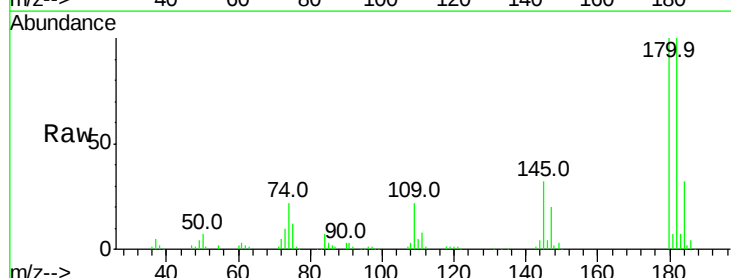
Tgt Ion:180 Resp: 185087

Ion Ratio Lower Upper

180 100

182 99.6 76.8 115.2

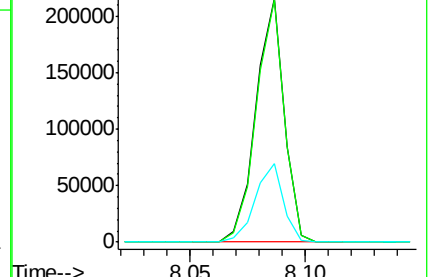
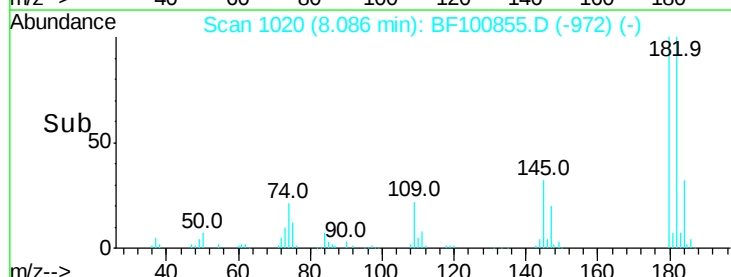
145 32.3 26.5 39.7

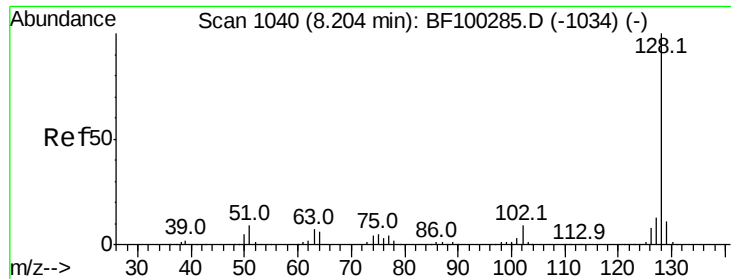


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.139 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

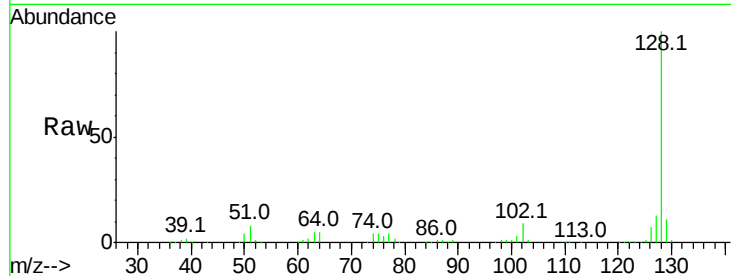
Tot Ion:128 Resp: 574811

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

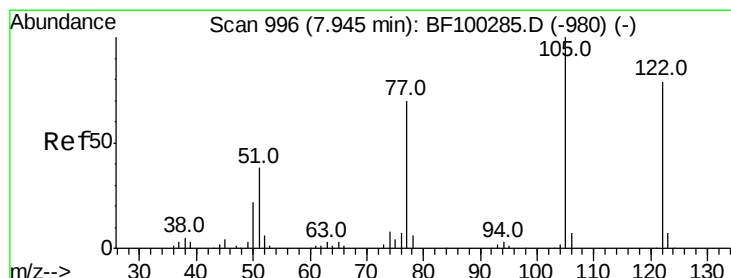
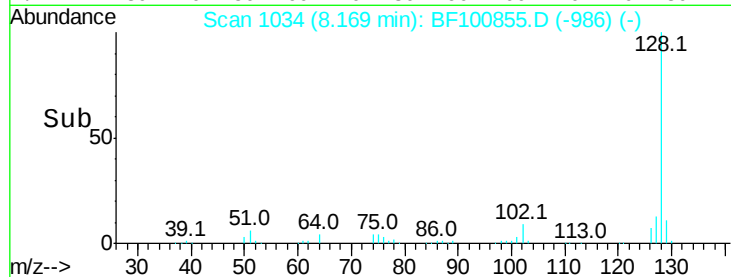
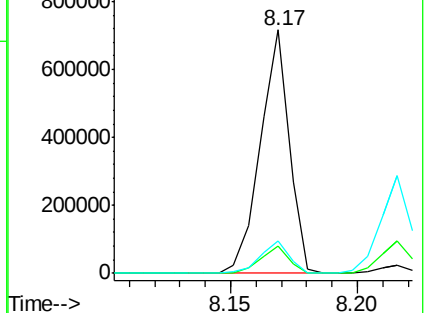
127 13.3 10.9 16.3



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: 30.477 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

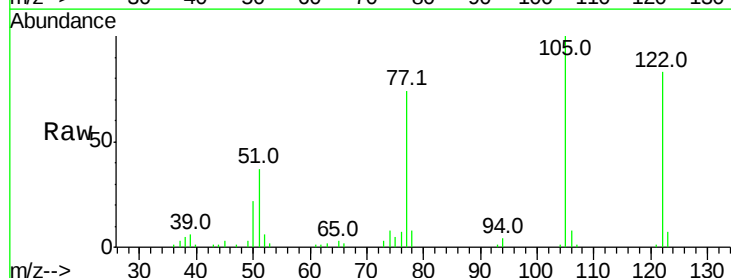
Tgt Ion:122 Resp: 83010

Ion Ratio Lower Upper

122 100

105 120.6 101.1 141.1

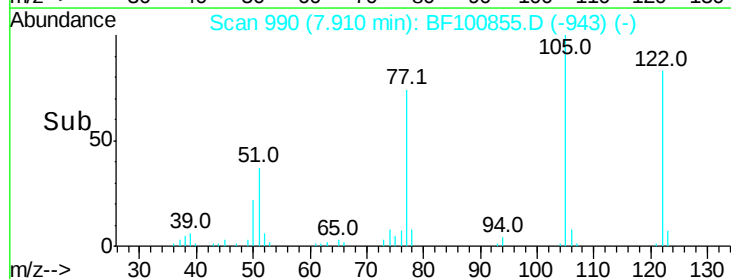
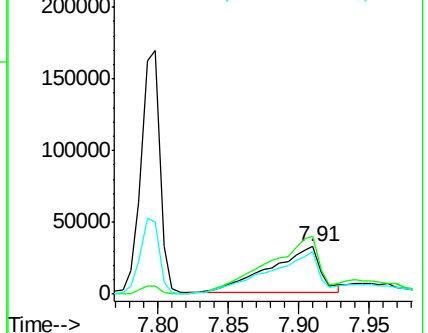
77 88.9 70.7 110.7

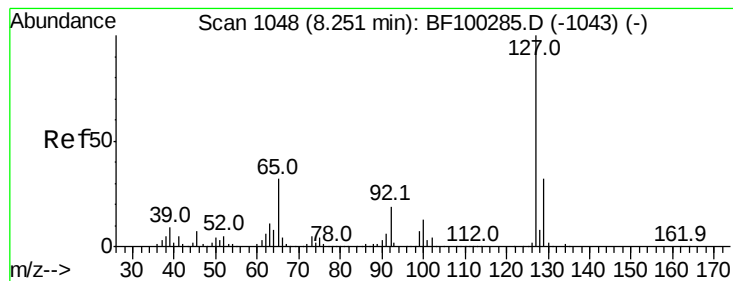


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 40.250 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 234095

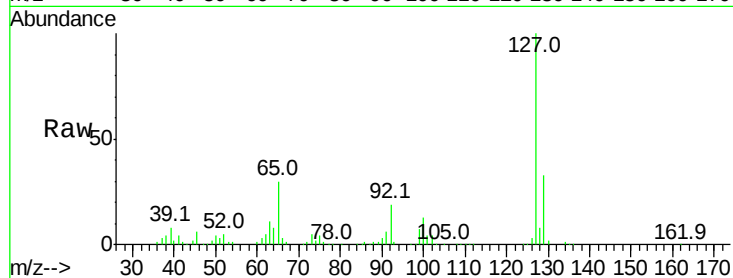
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 30.2 25.0 37.4

92 18.5 15.2 22.8

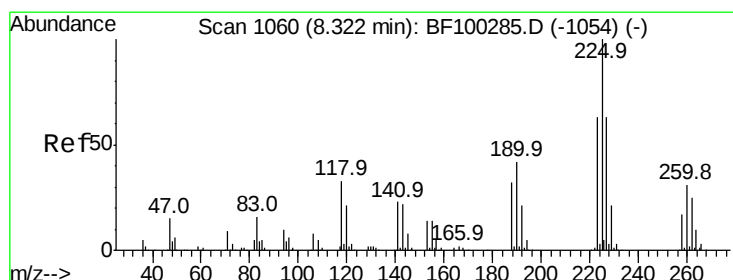
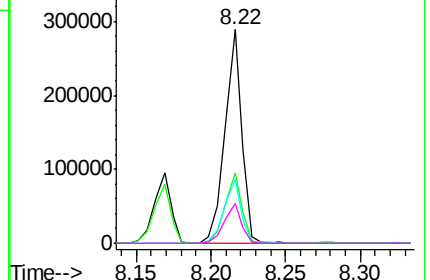
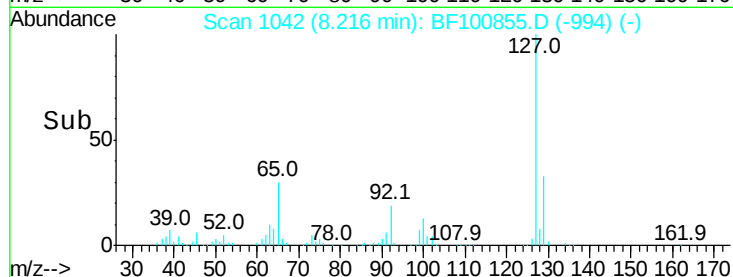


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.880 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

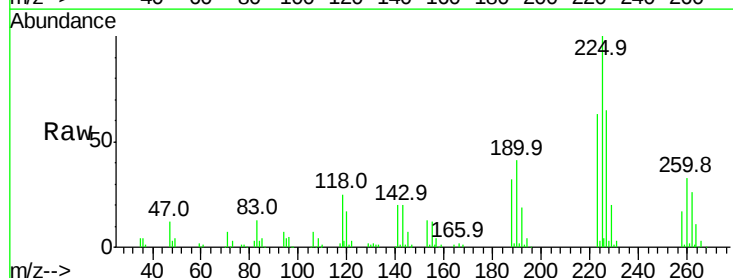
Tgt Ion:225 Resp: 111361

Ion Ratio Lower Upper

225 100

223 63.5 50.6 76.0

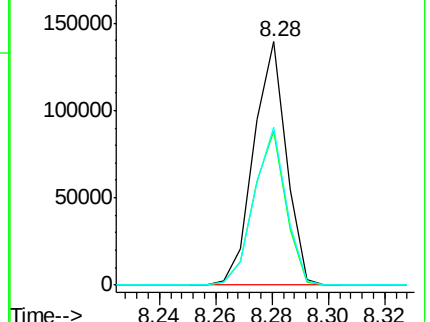
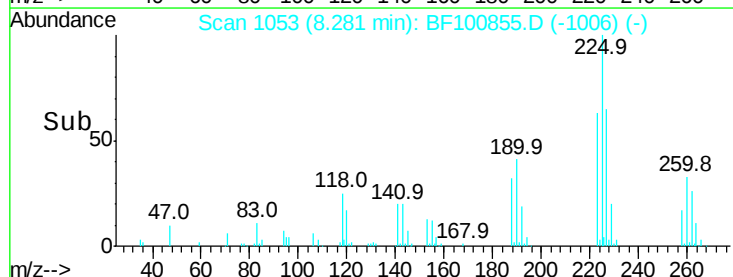
227 64.7 51.9 77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

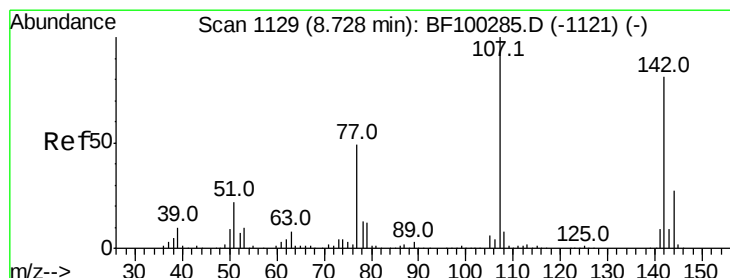
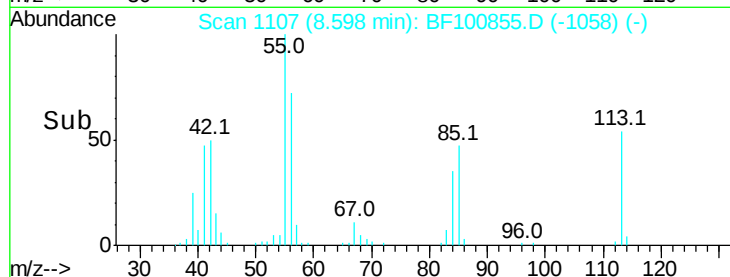
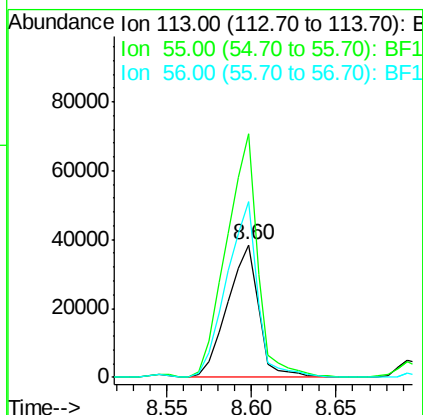
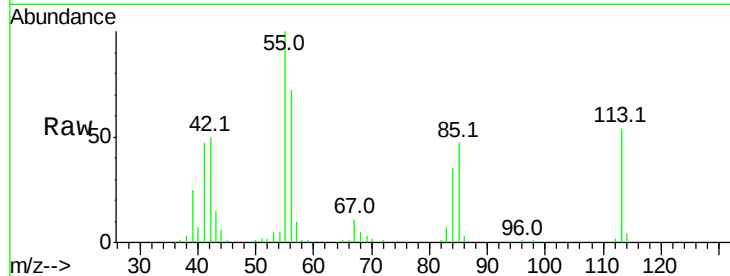




#35
 Caprolactam
 Concen: 36.684 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

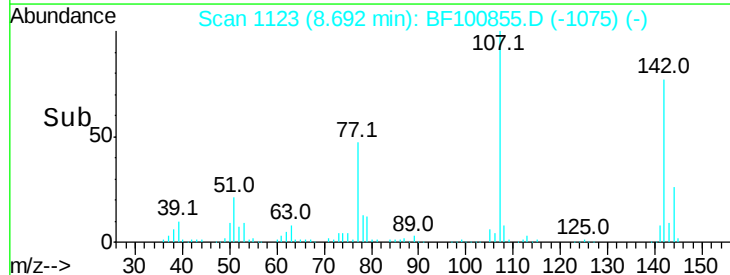
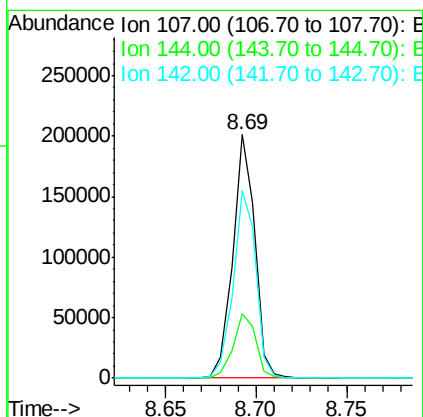
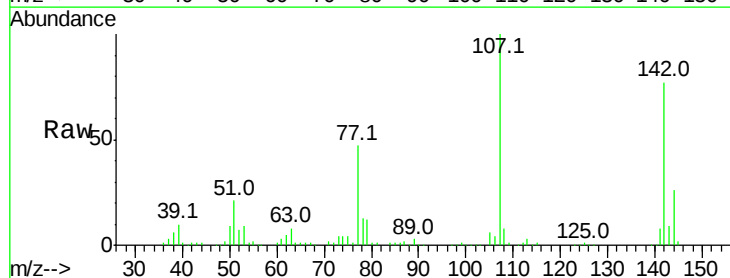
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 49676
 Ion Ratio Lower Upper
 113 100
 55 183.6 163.3 203.3
 56 132.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.122 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:107 Resp: 170037
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.5 30.7
 142 76.8 62.0 93.0

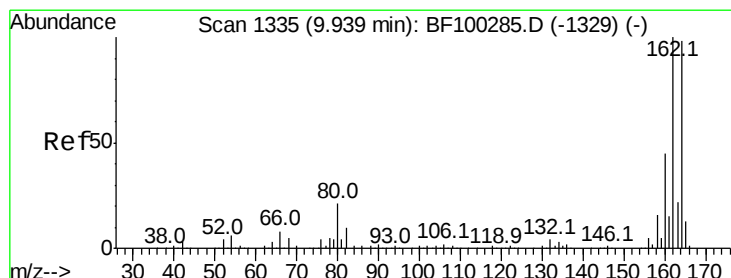
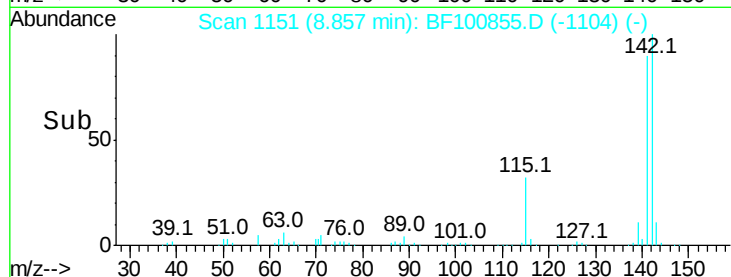
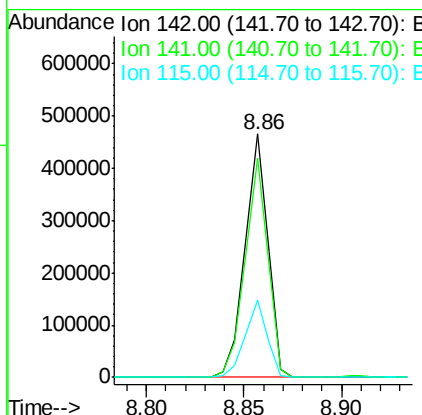
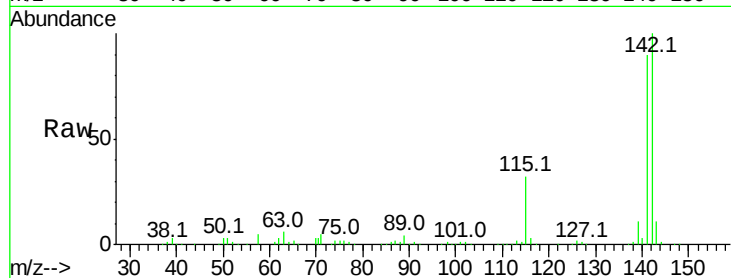




#37
 2-Methylnaphthalene
 Concen: 40.978 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

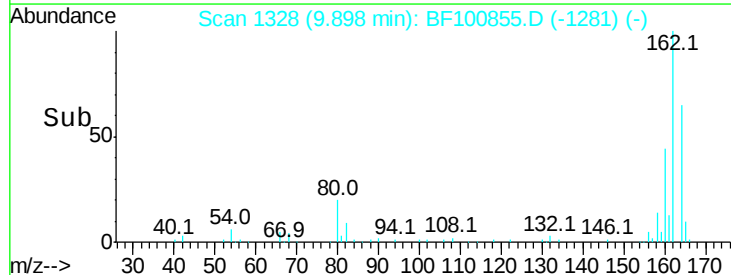
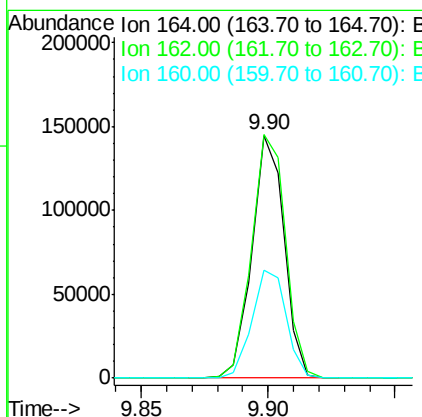
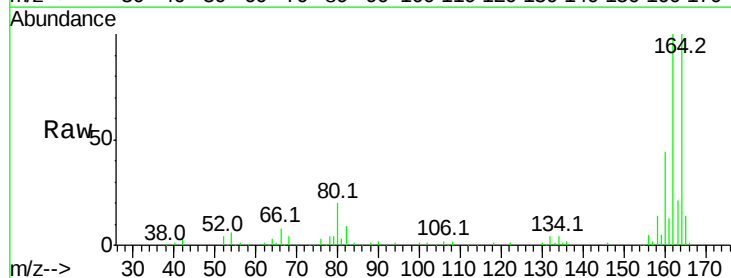
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	31.9	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.2	86.1	129.1
160	44.5	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.618 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BF100855.D

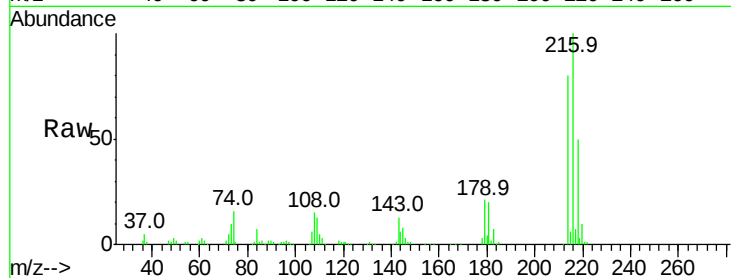
Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	216	Resp:	202927
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.4
179	20.1	18.1	27.1
108	15.0	17.2	25.8#

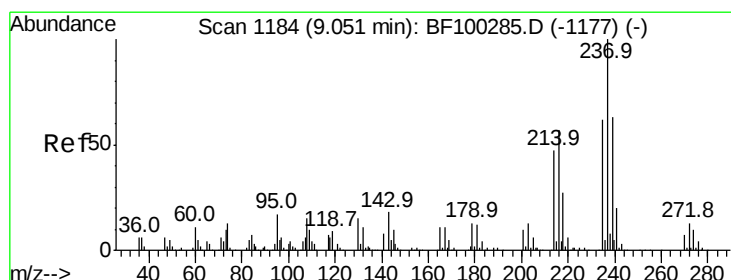
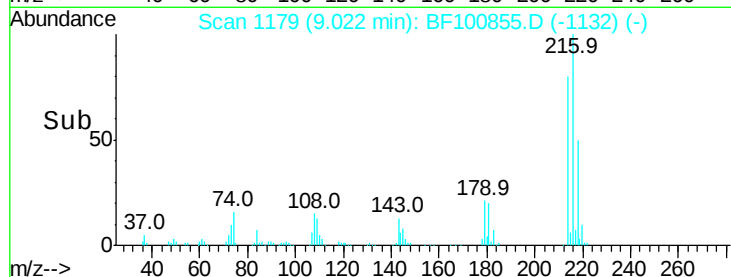
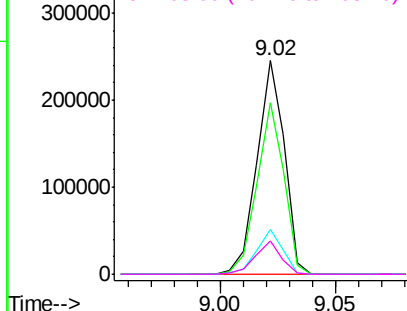


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 8.929 ng

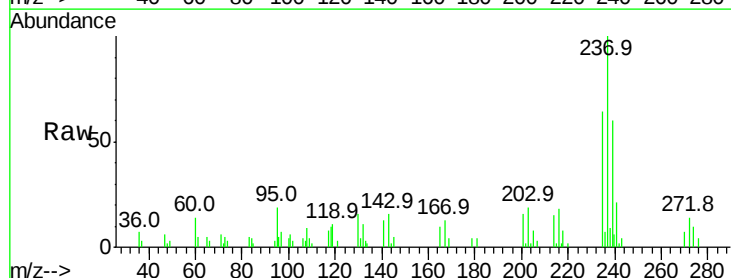
RT: 9.00 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

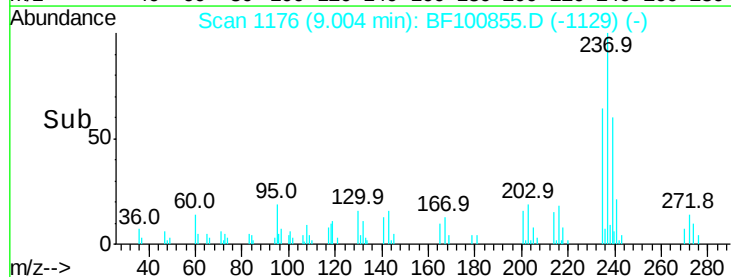
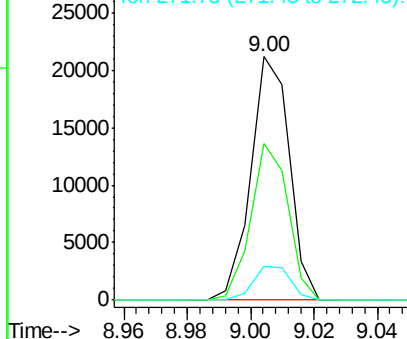
Tgt Ion:	237	Resp:	17909
Ion	Ratio	Lower	Upper
237	100		
235	64.3	44.8	84.8
272	13.6	0.0	33.3



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

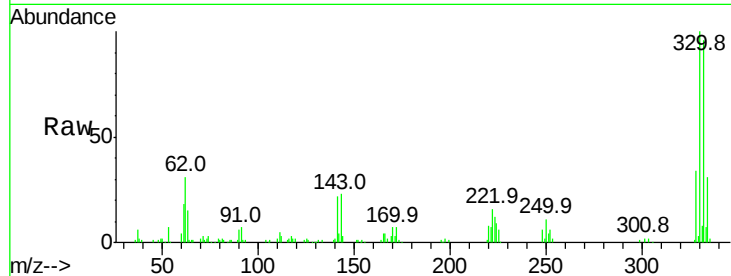




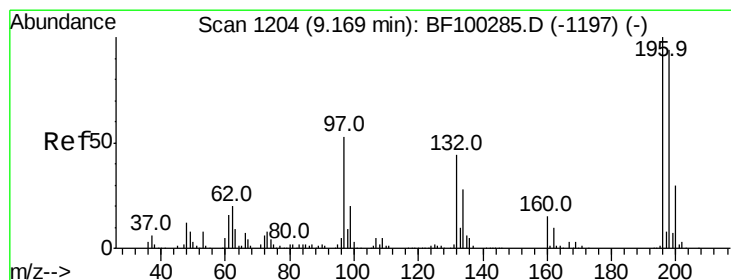
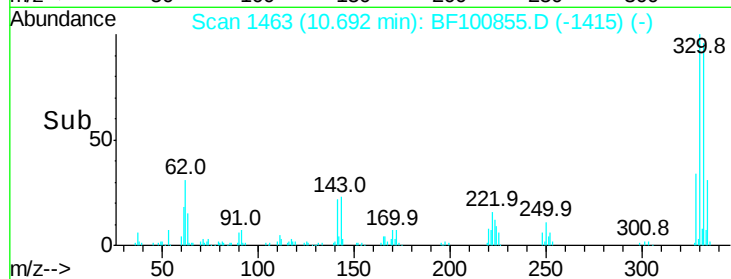
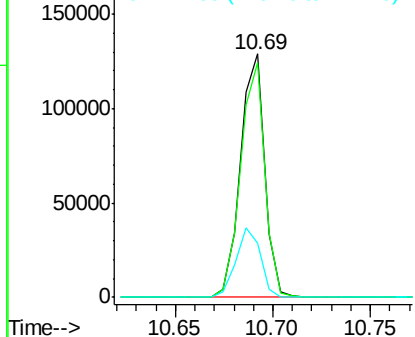
#41
 2,4,6-Tribromophenol
 Concen: 84.884 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	28.7	29.9	44.9#

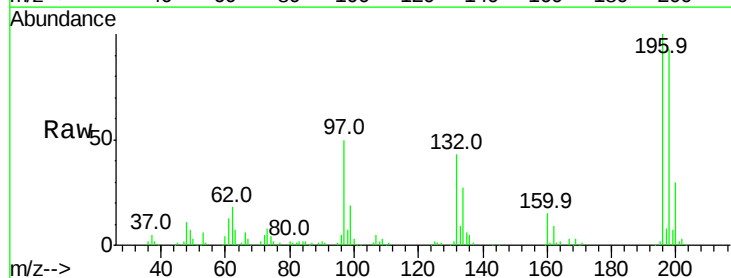


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

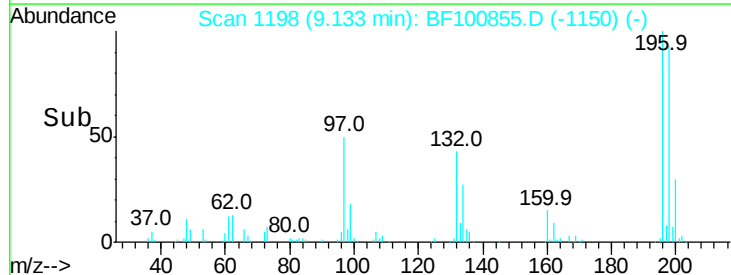
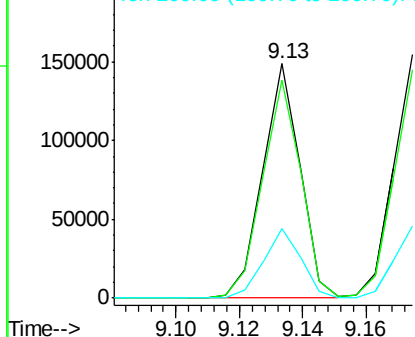


#42
 2,4,6-Trichlorophenol
 Concen: 45.345 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
200	29.8	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

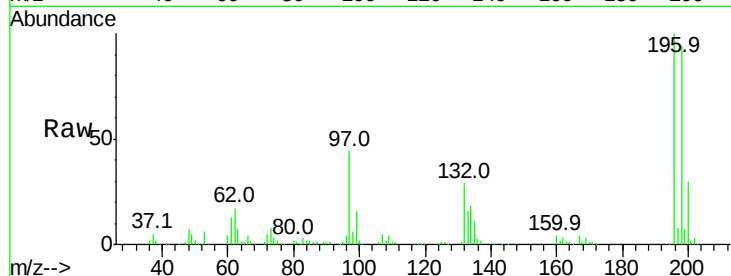




#43
 2,4,5-Trichlorophenol
 Concen: 46.424 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	129909
Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	112.0
97	43.9	42.9	64.3
132	28.6	26.3	39.5



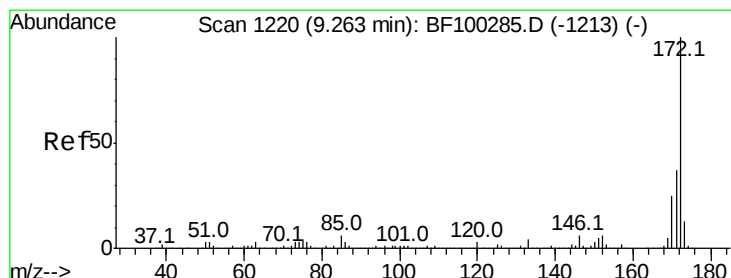
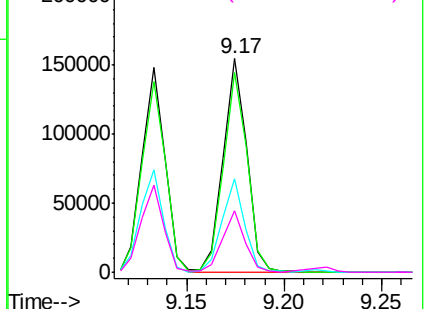
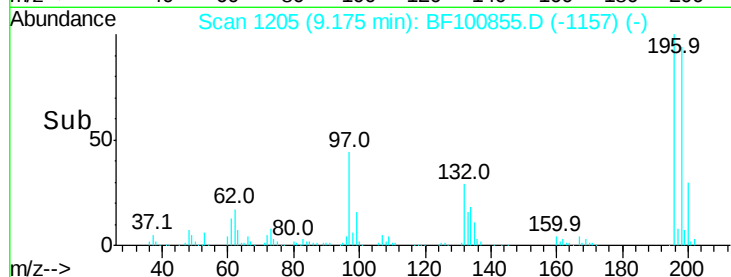
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

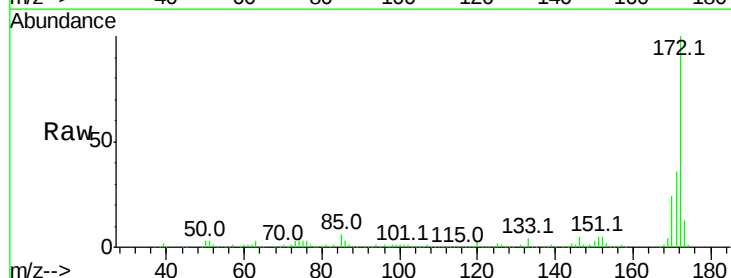
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.624 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:	172	Resp:	781614
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	24.0	19.6	29.4

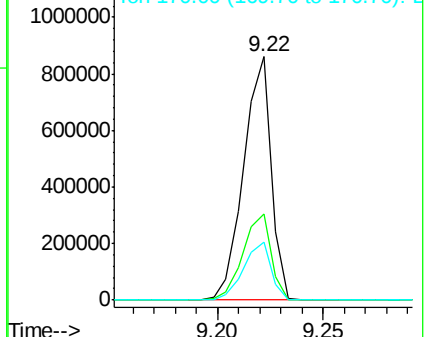
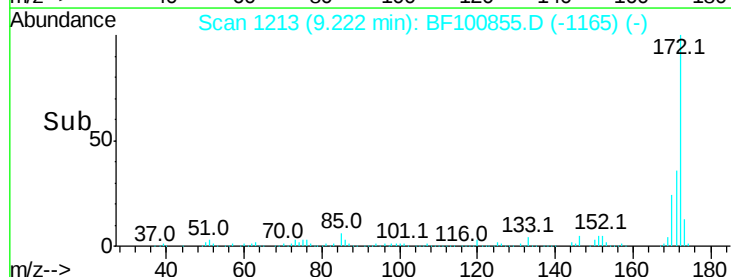


Abundance

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

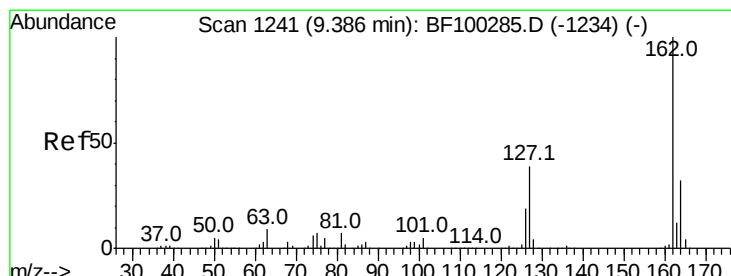
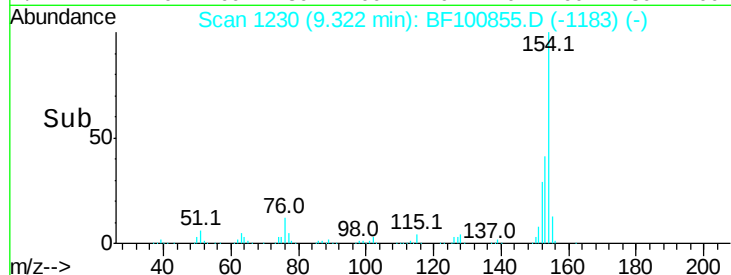
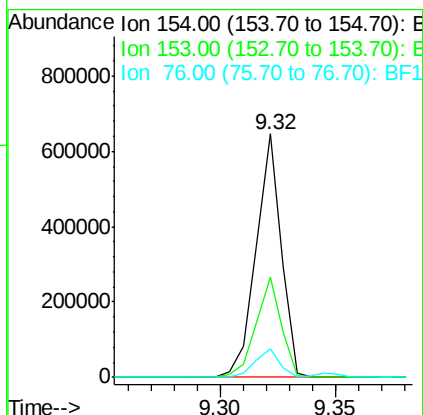
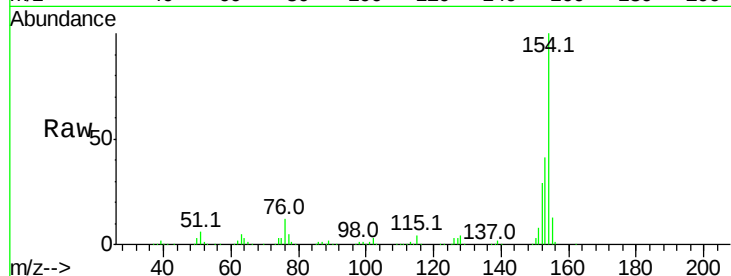




#45
 1,1'-Biphenyl
 Concen: 44.480 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

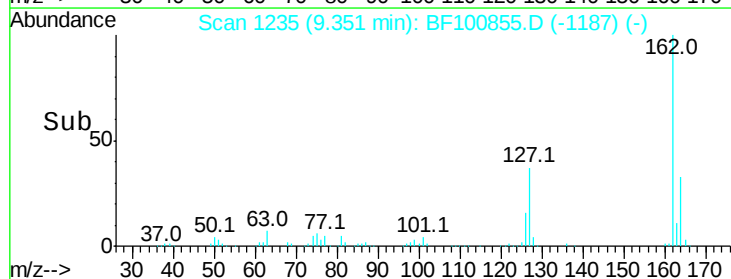
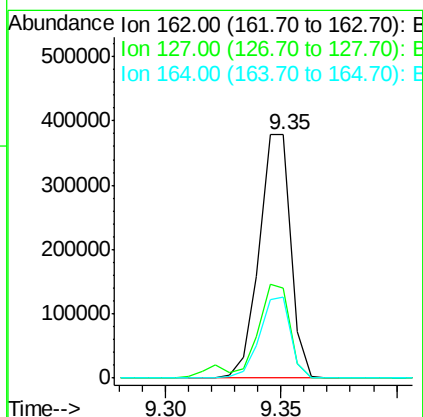
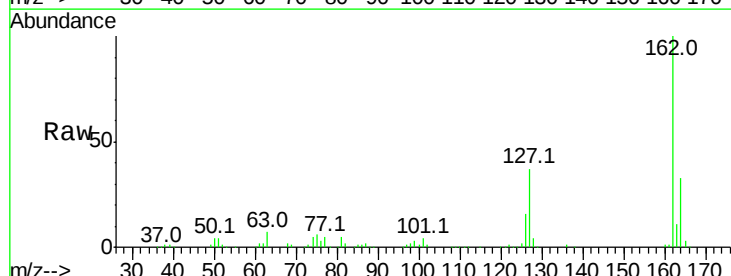
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.7	0.0	34.0



#46
 2-Chloronaphthalene
 Concen: 45.011 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	33.9	50.9
164	33.1	26.5	39.7

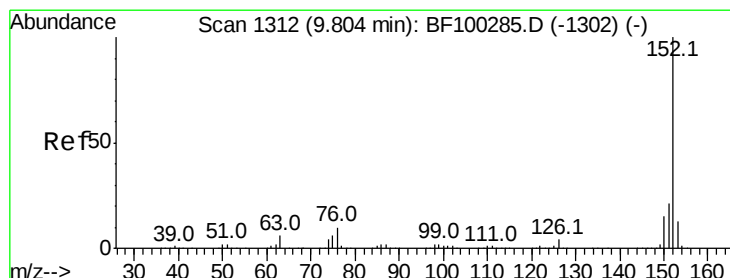
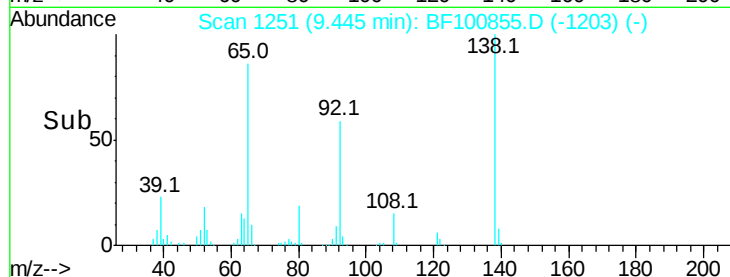
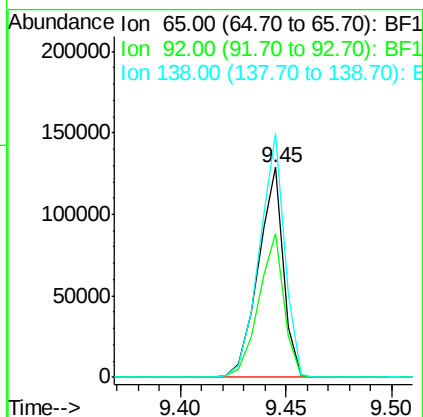
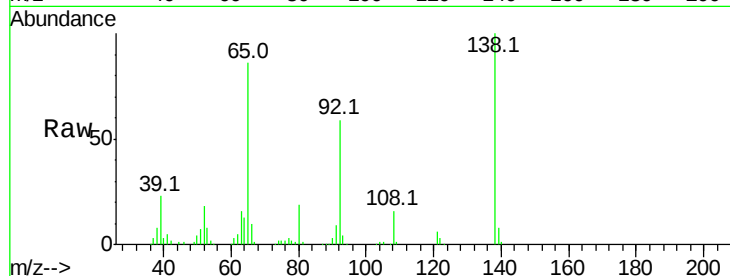




#47
2-Nitroaniline
Concen: 44.949 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

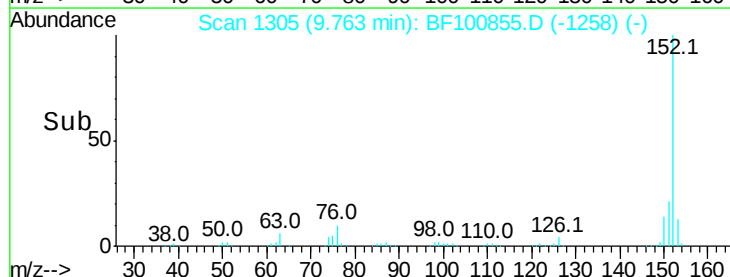
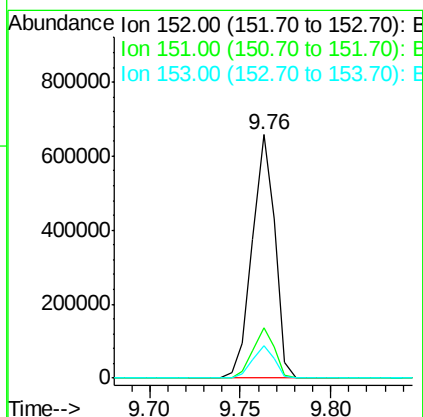
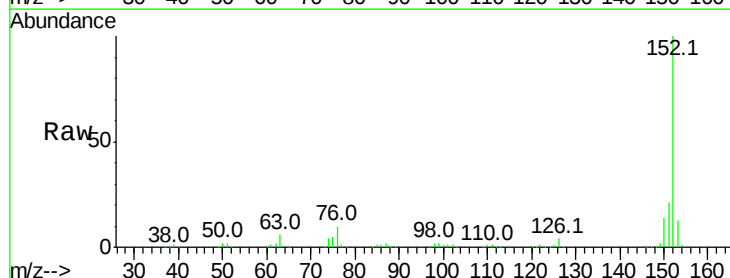
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 106634
Ion Ratio Lower Upper
65 100
92 68.4 55.8 83.6
138 116.0 91.2 136.8



#48
Acenaphthylene
Concen: 42.764 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion: 152 Resp: 571386
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.2 10.7 16.1

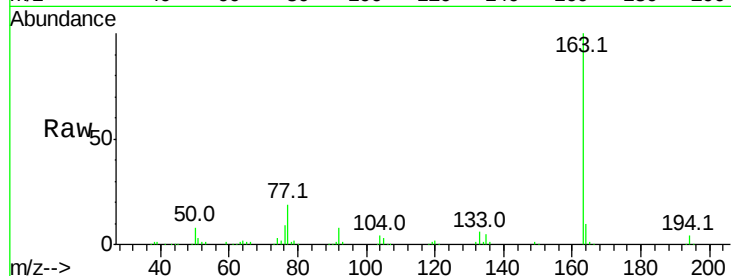




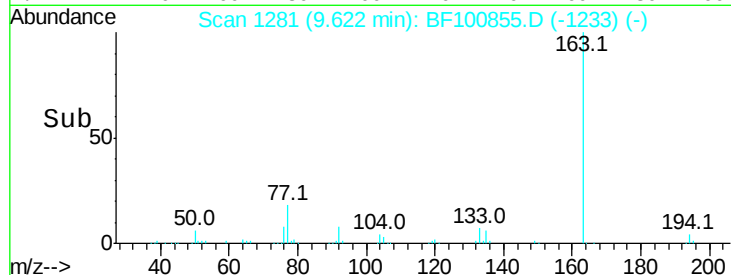
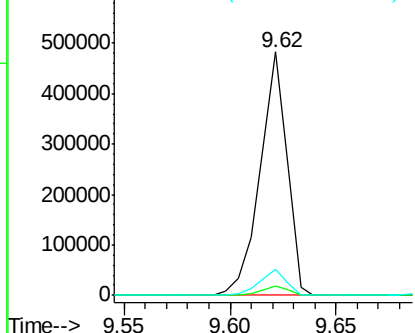
#49
Dimethylphthalate
Concen: 43.850 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 430206
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

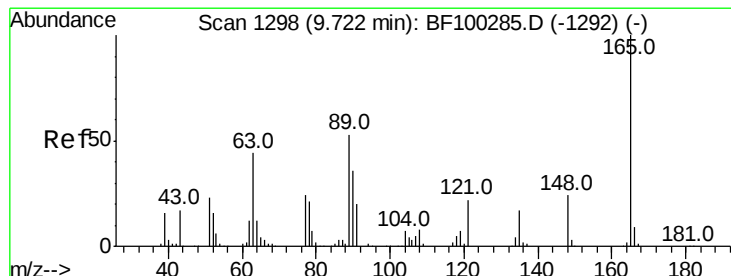


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

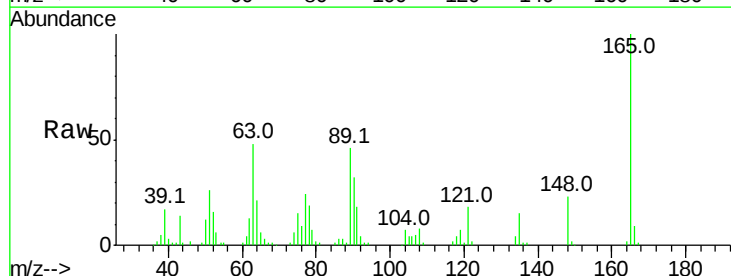
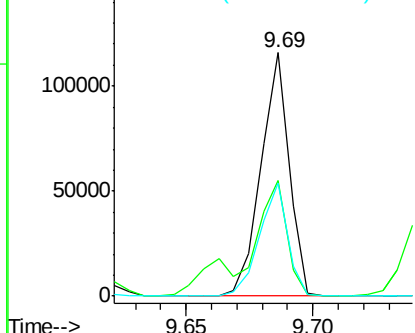


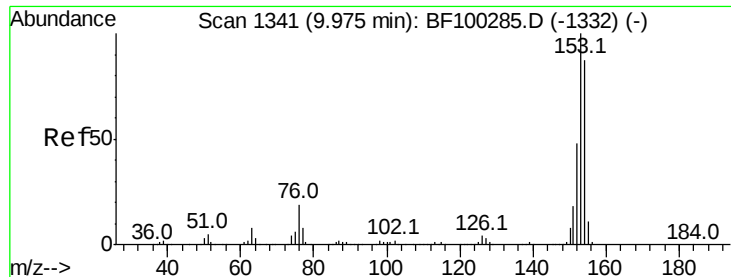
#50
2,6-Dinitrotoluene
Concen: 46.614 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:165 Resp: 90524
Ion Ratio Lower Upper
165 100
63 47.6 44.7 67.1
89 46.2 44.0 66.0



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





#51

Acenaphthene

Concen: 41.818 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

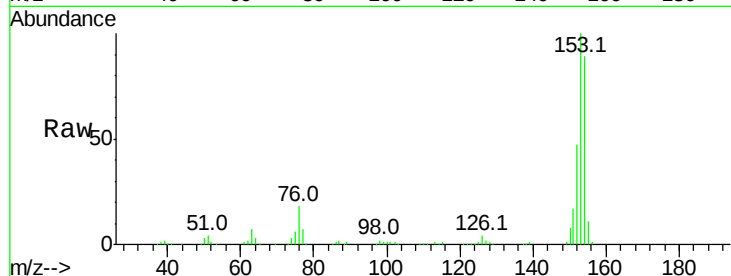
Tot Ion:154 Resp: 339814

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

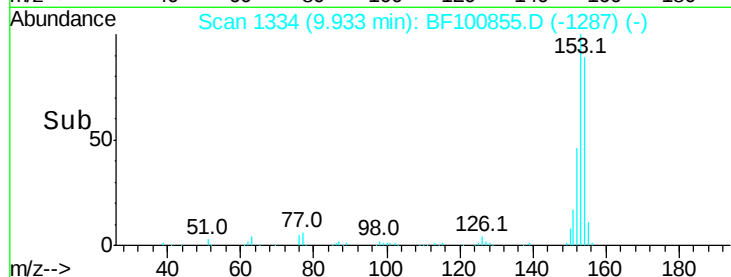
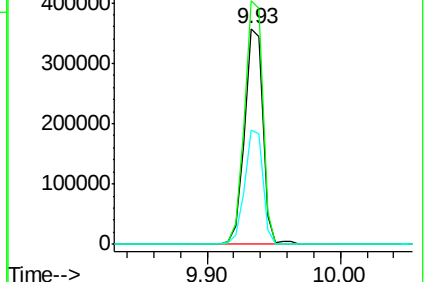
152 52.9 43.8 65.8



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: 43.227 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

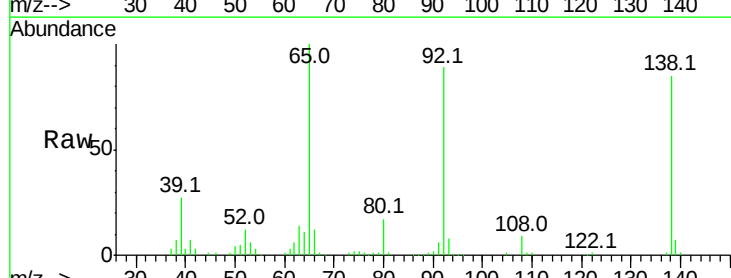
Tgt Ion:138 Resp: 99128

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

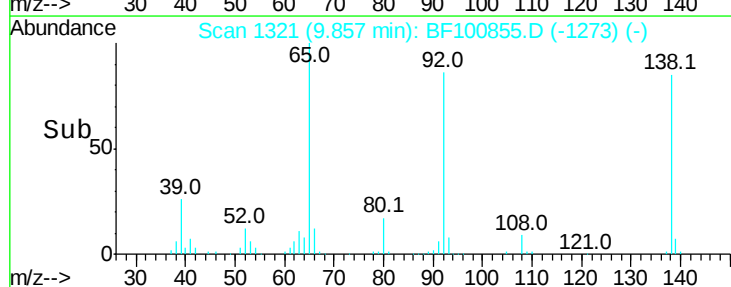
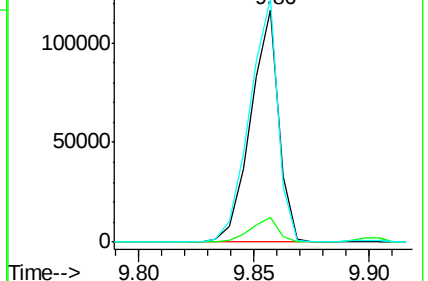
92 104.7 89.4 134.2



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

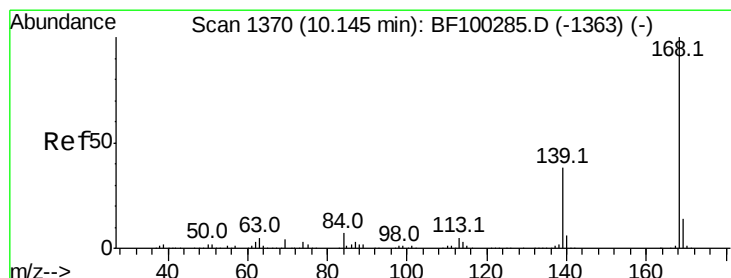
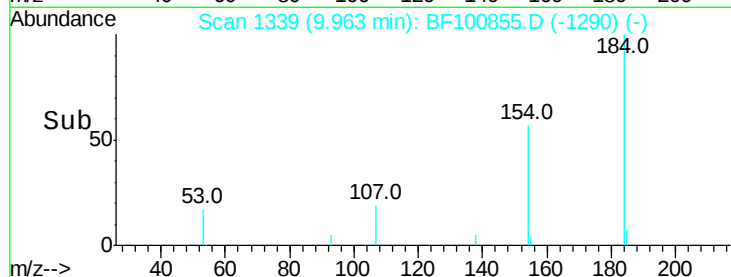
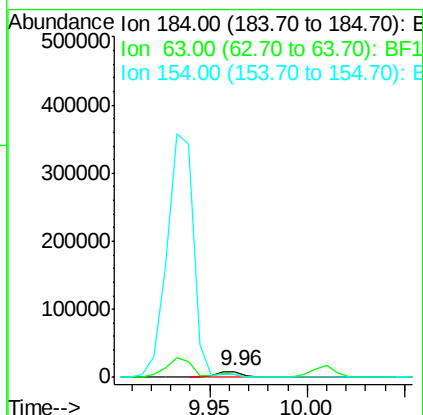
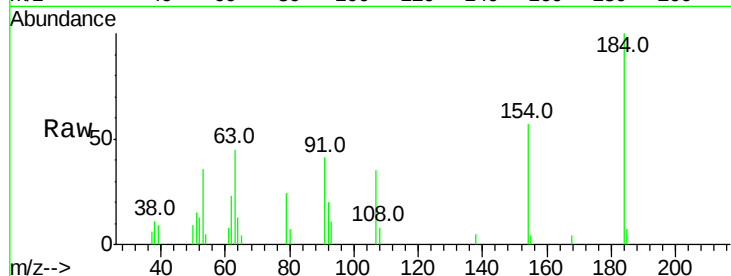




#53
 2,4-Dinitrophenol
 Concen: 20.005 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

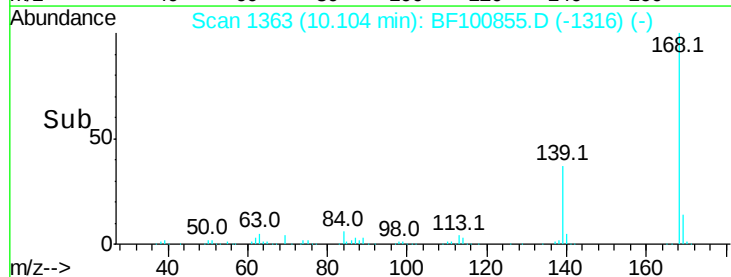
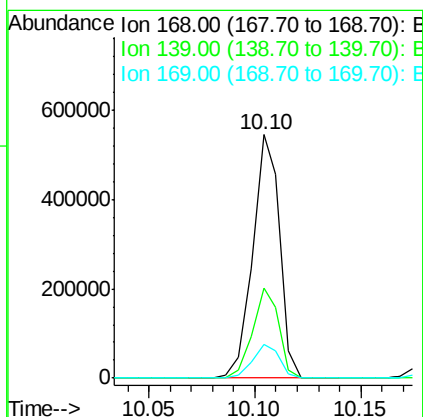
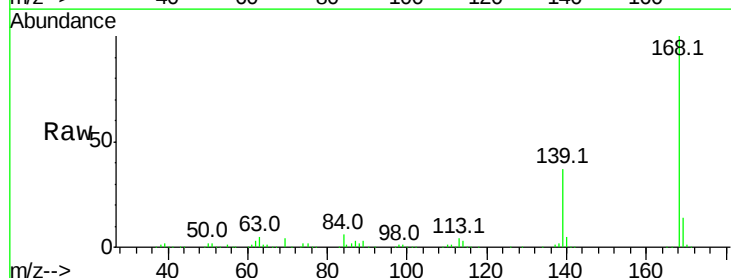
Instrument :
 BNA_F
 ClientSampled :

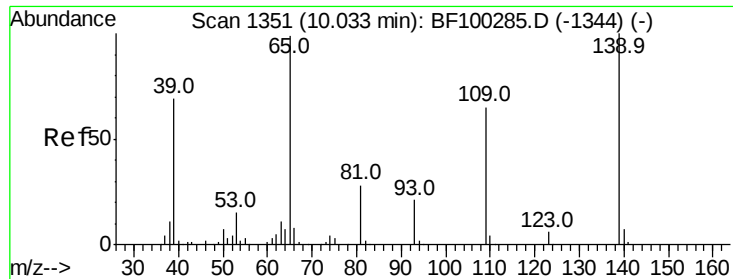
Tot Ion:184 Resp: 8113
 Ion Ratio Lower Upper
 184 100
 63 44.6 54.2 81.2#
 154 56.6 184.0 276.0#



#54
 Dibenzofuran
 Concen: 42.203 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:168 Resp: 480666
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 14.0 10.9 16.3

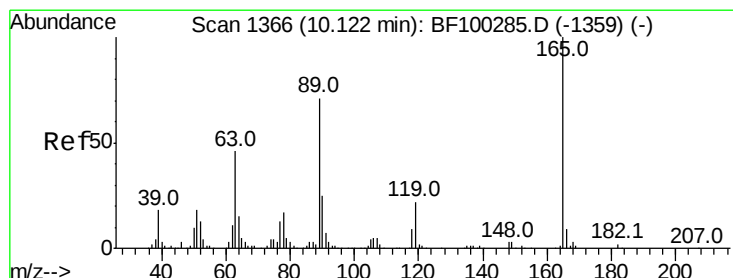
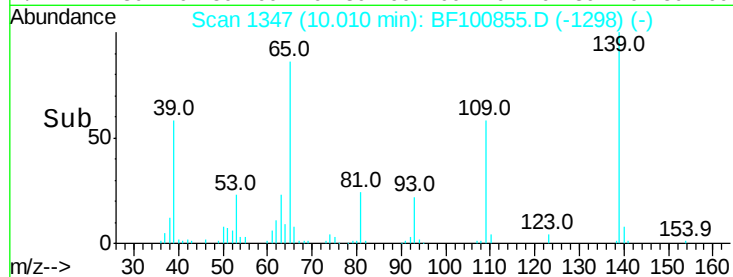
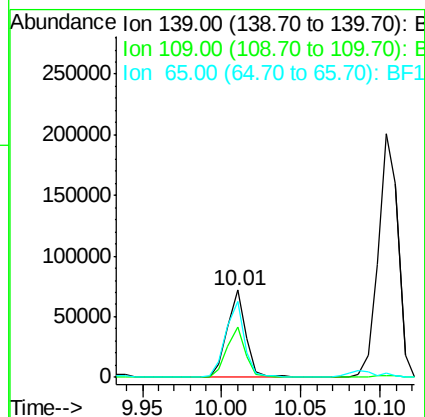
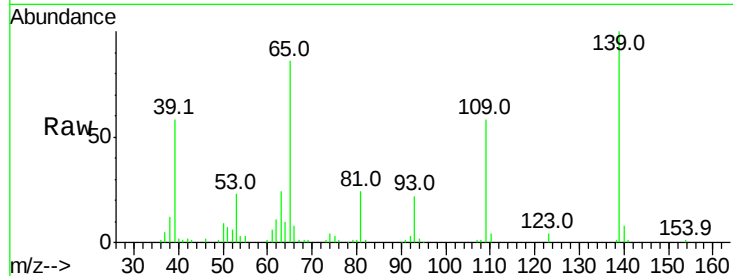




#55
4-Nitrophenol
Concen: 32.113 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

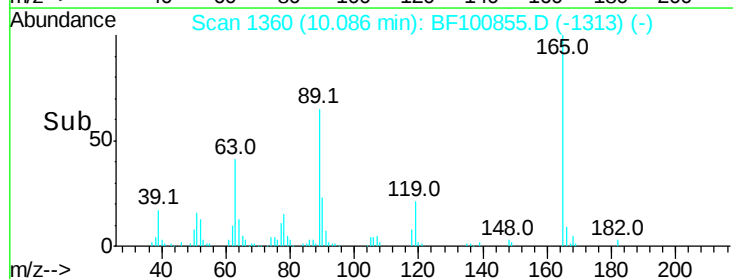
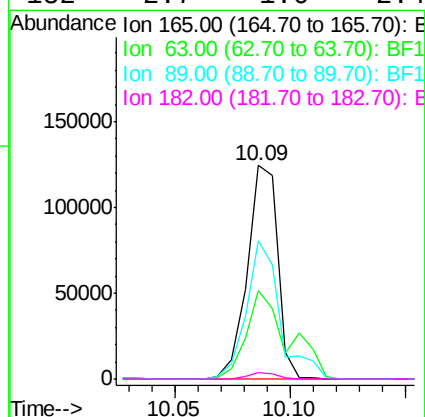
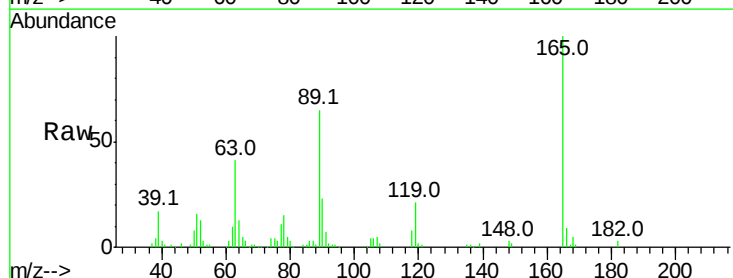
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 59796
Ion Ratio Lower Upper
139 100
109 57.5 48.4 88.4
65 86.5 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.793 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:165 Resp: 114637
Ion Ratio Lower Upper
165 100
63 41.2 36.4 54.6
89 64.9 57.8 86.6
182 2.7 1.6 2.4#





#57

Fluorene

Concen: 45.016 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampleId :

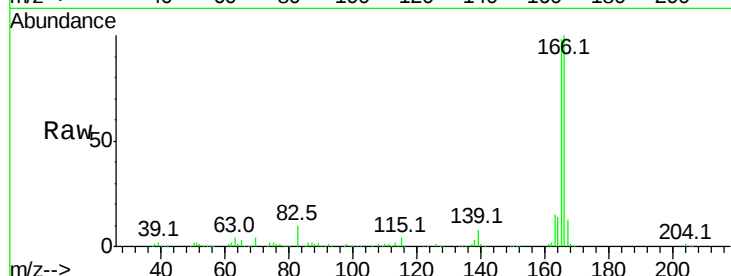
Tot Ion:166 Resp: 375583

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

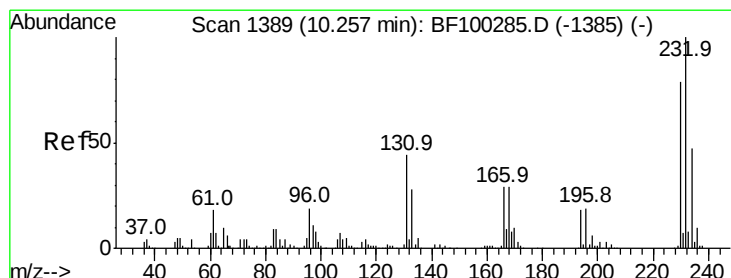
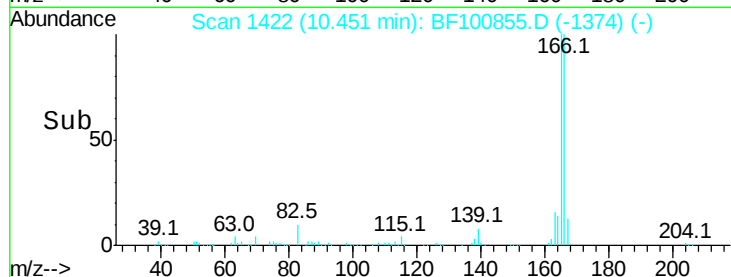
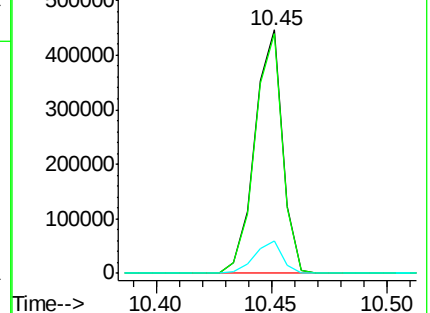
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.620 ng

RT: 10.22 min Scan# 1383

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Tgt Ion:232 Resp: 90867

Ion Ratio Lower Upper

232 100

131 39.6 43.8 65.8#

130 1.6 2.1 3.1#

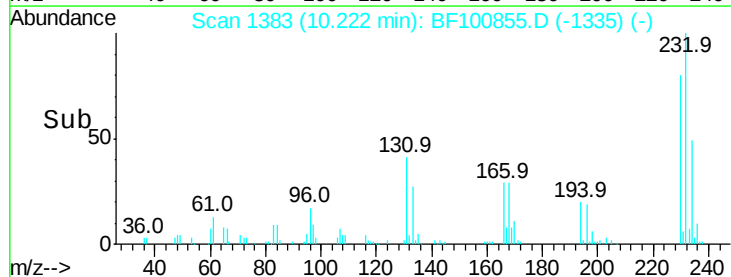
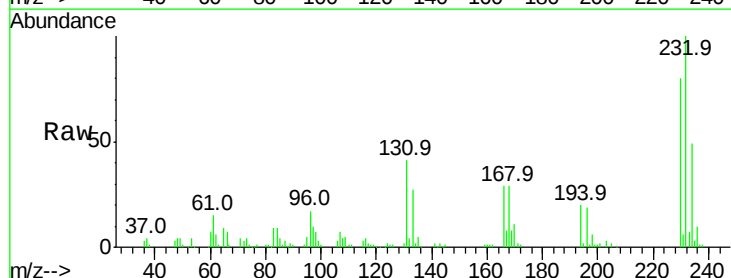
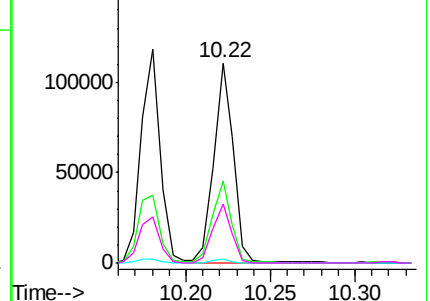
166 28.3 27.8 41.6

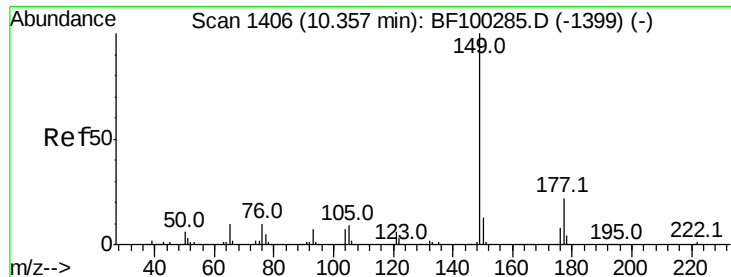
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

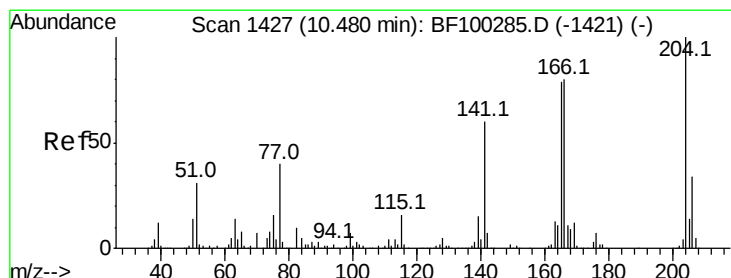
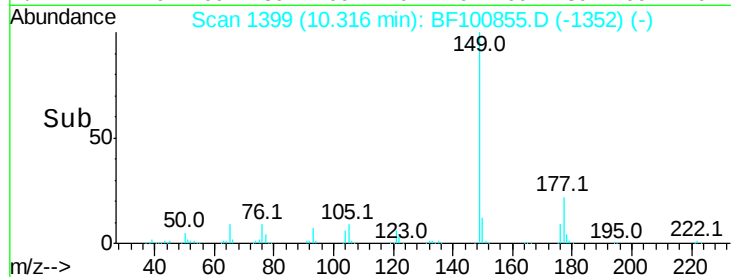
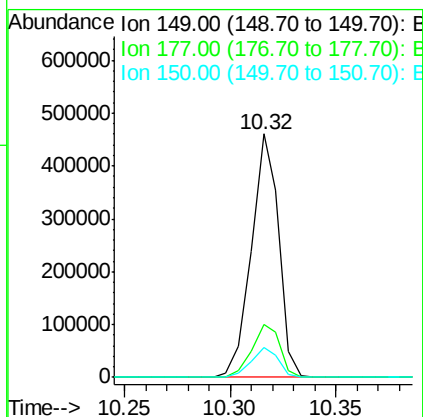
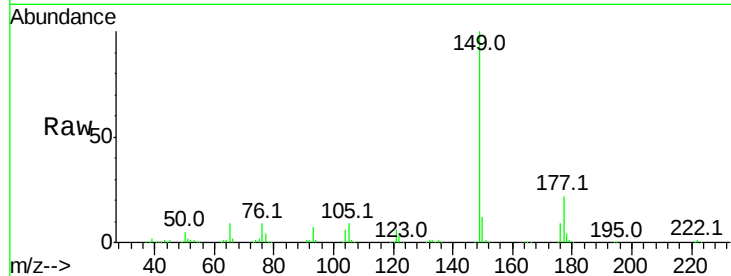




#59
Diethylphthalate
Concen: 42.265 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

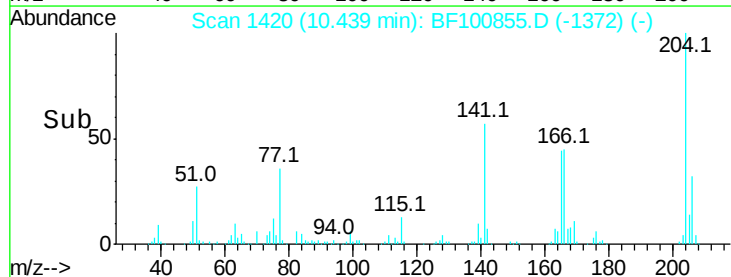
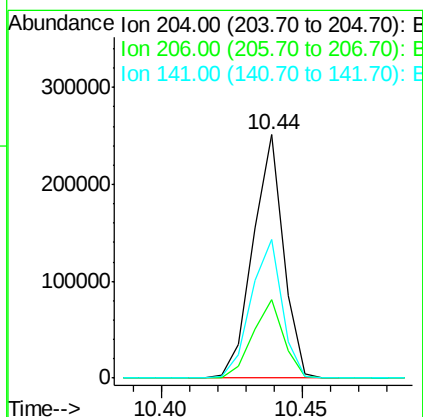
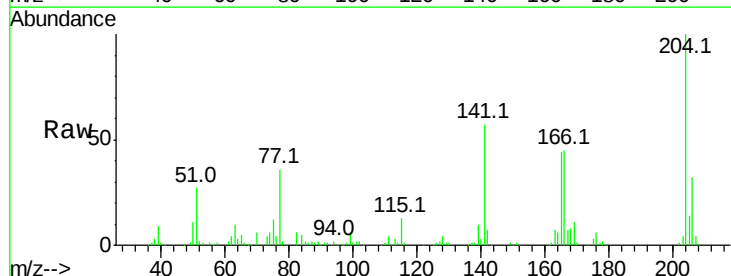
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 414954
Ion Ratio Lower Upper
149 100
177 21.7 16.1 24.1
150 12.3 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 46.041 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:204 Resp: 188445
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 56.9 54.6 81.8

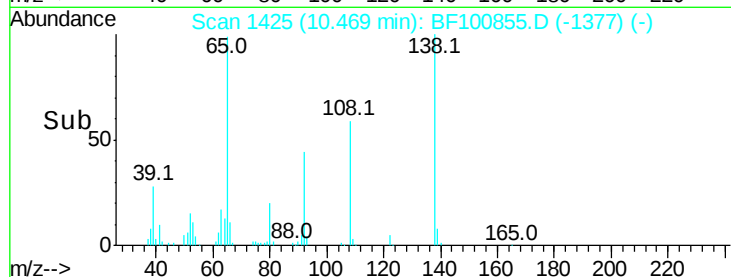
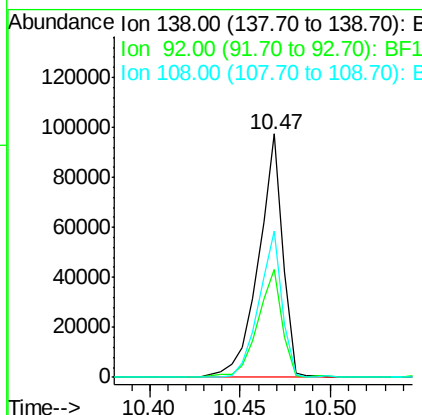
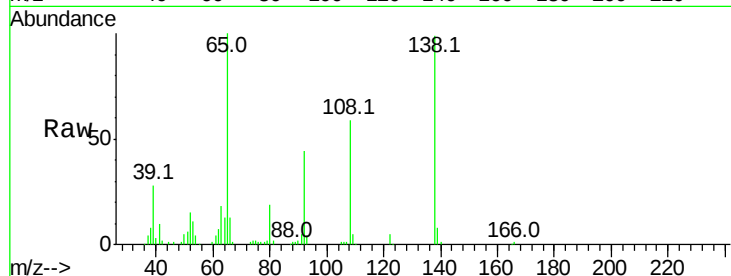




#61
4-Nitroaniline
Concen: 41.600 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

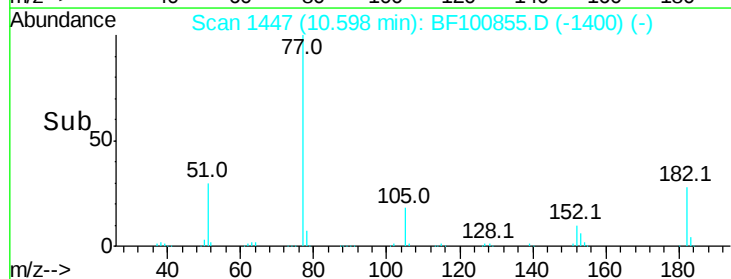
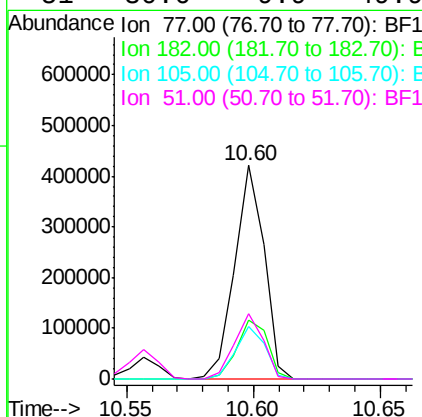
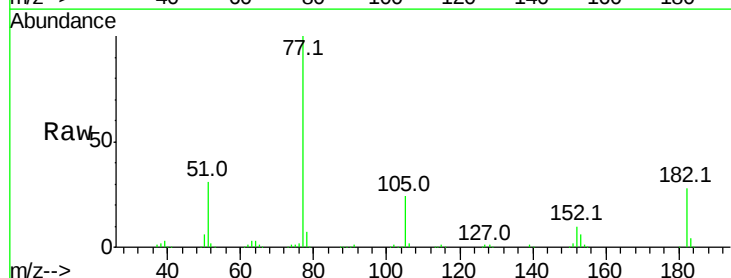
Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 90456
Ion Ratio Lower Upper
138 100
92 44.4 30.2 70.2
108 60.0 52.5 92.5



#62
Azobenzene
Concen: 36.739 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion: 77 Resp: 339724
Ion Ratio Lower Upper
77 100
182 27.7 1.7 41.7
105 24.3 3.0 43.0
51 30.6 9.9 49.9

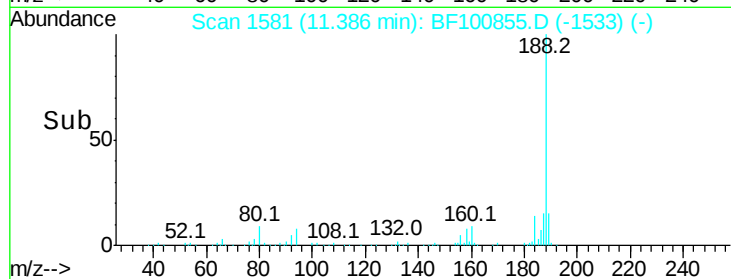
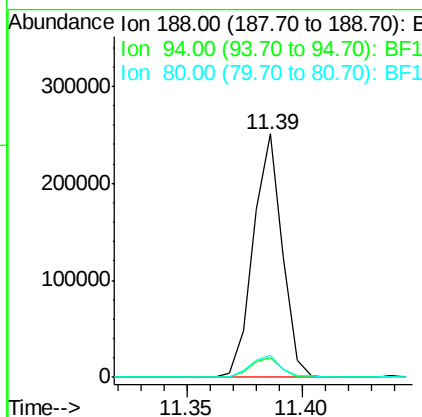
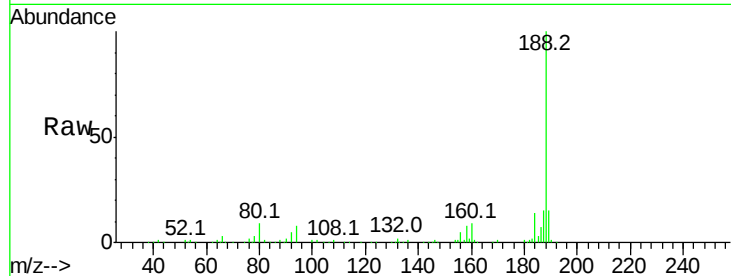




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

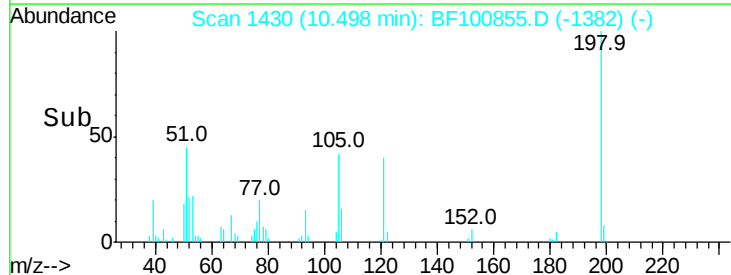
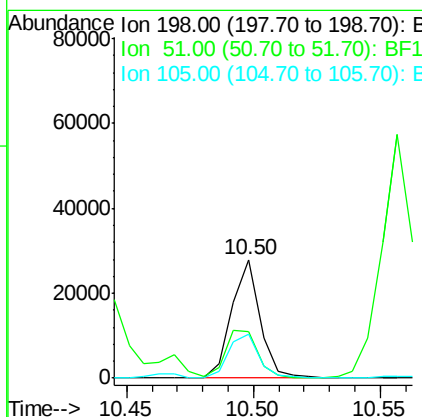
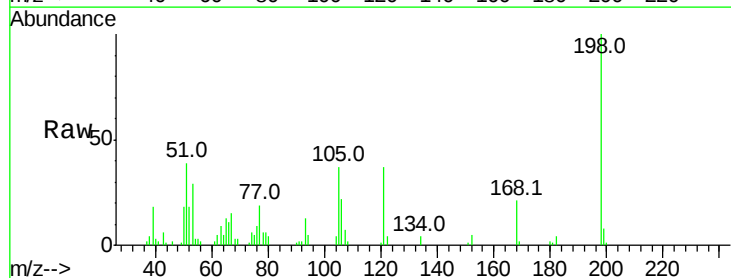
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 219245
 Ion Ratio Lower Upper
 188 100
 94 8.1 8.5 12.7#
 80 9.2 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.567 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:198 Resp: 21557
 Ion Ratio Lower Upper
 198 100
 51 39.3 37.7 77.7
 105 37.3 36.3 76.3

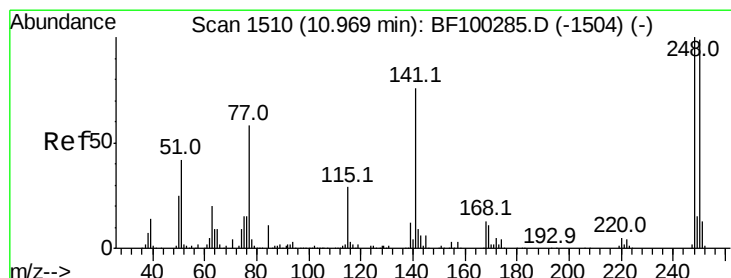
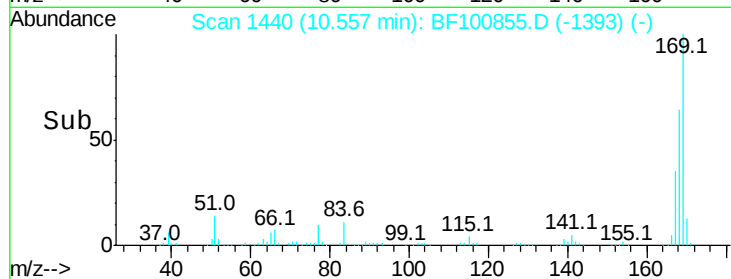
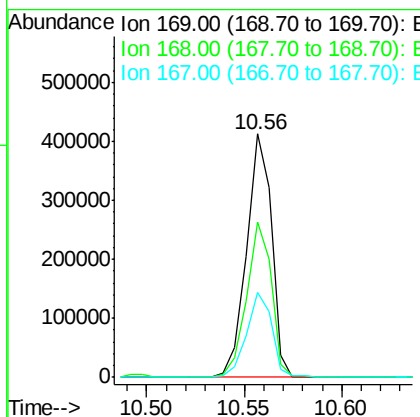
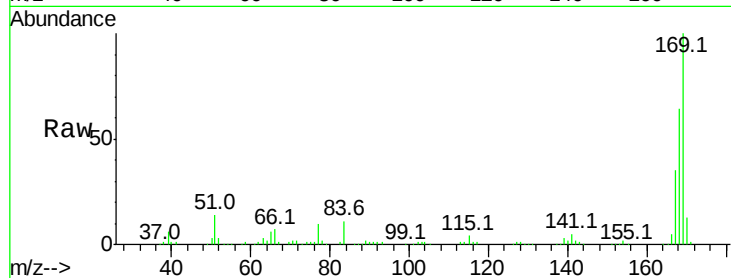




#65
 n-Nitrosodiphenylamine
 Concen: 48.138 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

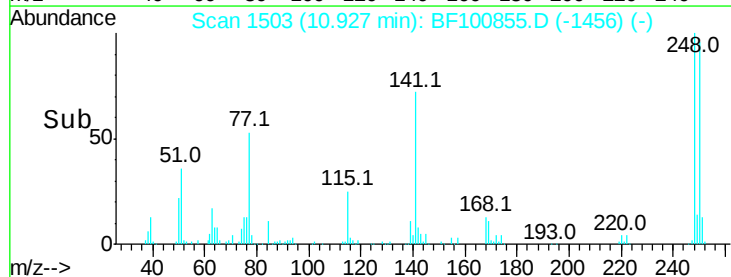
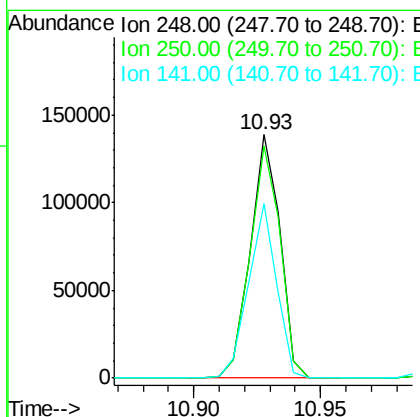
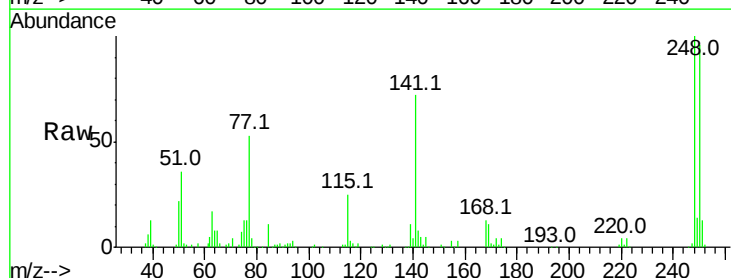
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 366970
 Ion Ratio Lower Upper
 169 100
 168 64.0 54.4 81.6
 167 34.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 48.197 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:248 Resp: 113277
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.9 115.3
 141 71.7 74.4 111.6#

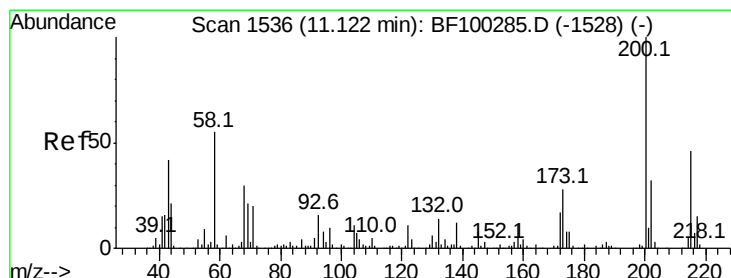
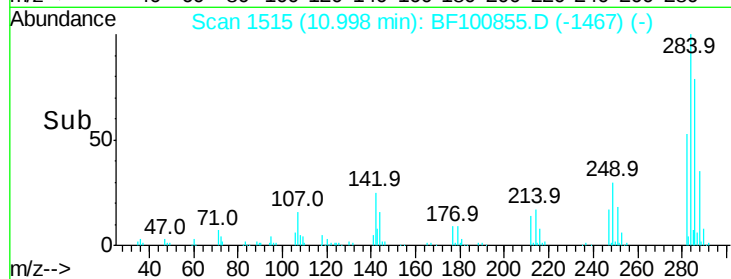
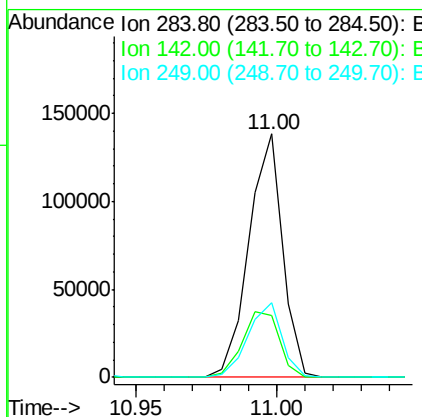
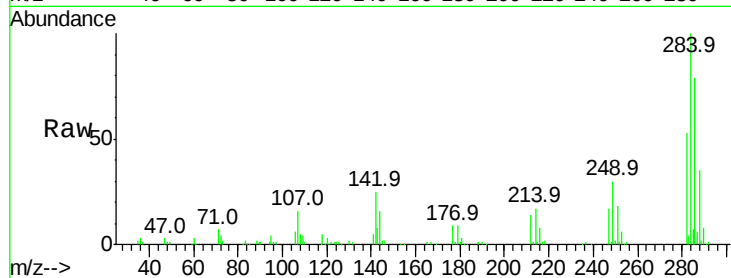




#67
Hexachlorobenzene
Concen: 46.532 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

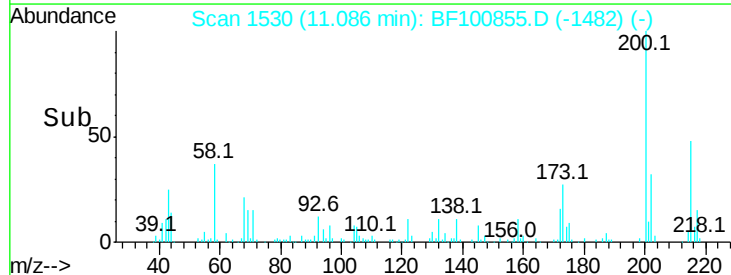
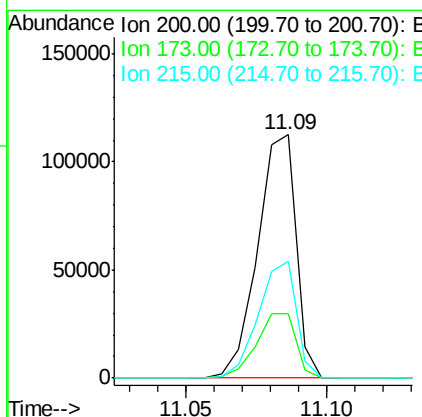
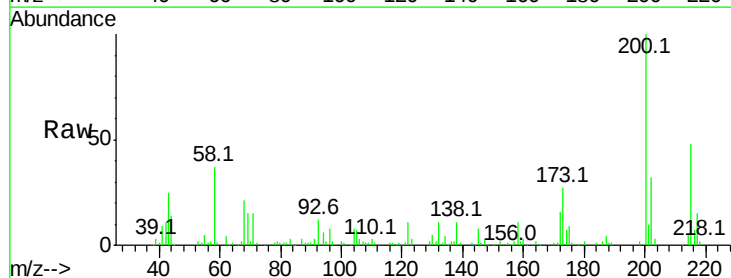
Instrument :
BNA_F
ClientSampleId :

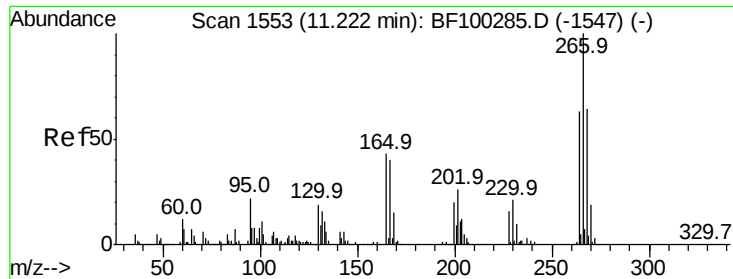
Tot Ion:284 Resp: 114382
Ion Ratio Lower Upper
284 100
142 25.5 34.6 52.0#
249 30.4 24.8 37.2



#68
Atrazine
Concen: 46.055 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:200 Resp: 106277
Ion Ratio Lower Upper
200 100
173 26.6 8.6 48.6
215 48.1 25.1 65.1

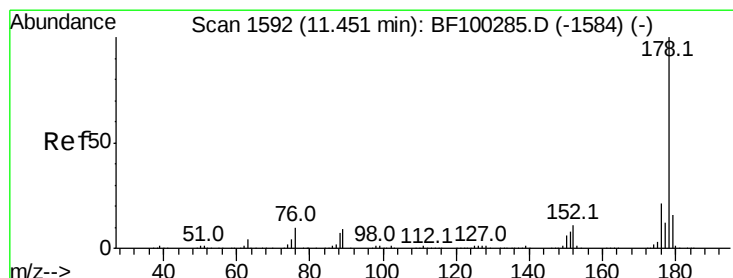
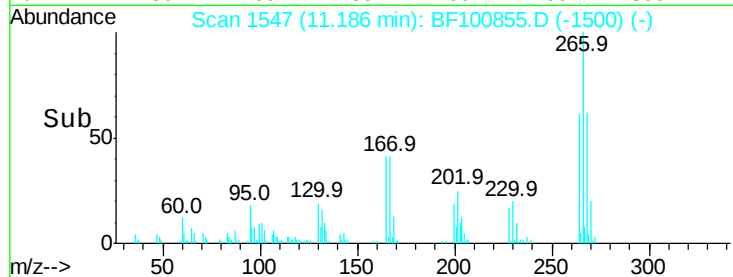
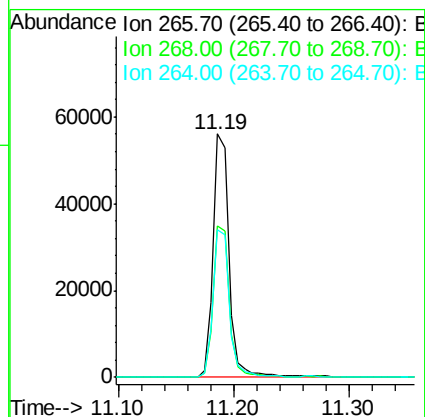
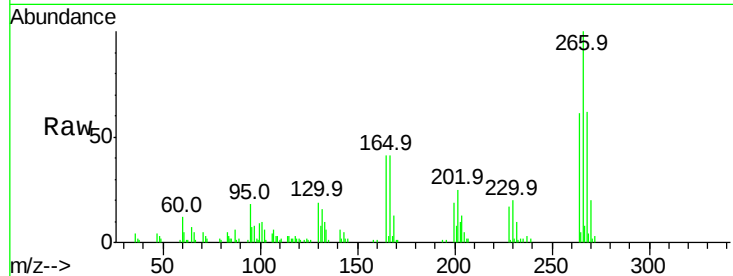




#69
 Pentachlorophenol
 Concen: 30.787 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

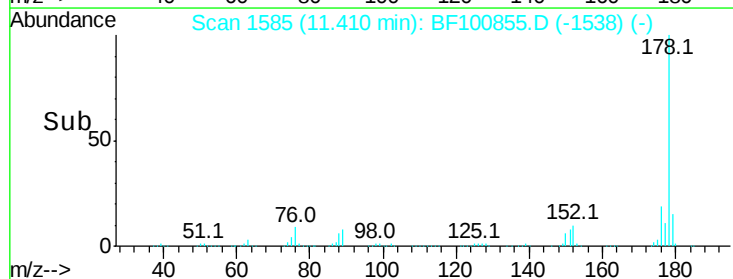
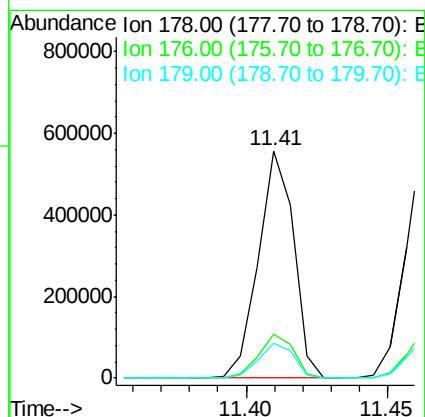
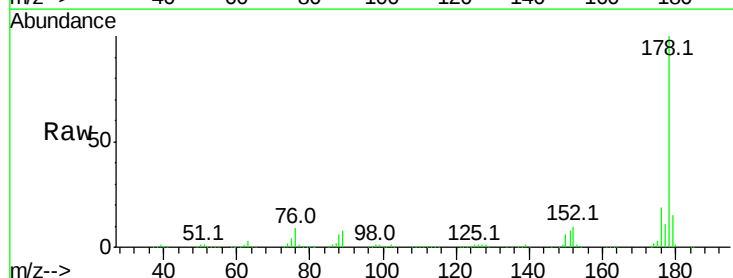
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 54265
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 60.7 49.5 74.3



#70
 Phenanthrene
 Concen: 41.874 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:178 Resp: 483374
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.3 13.0 19.6

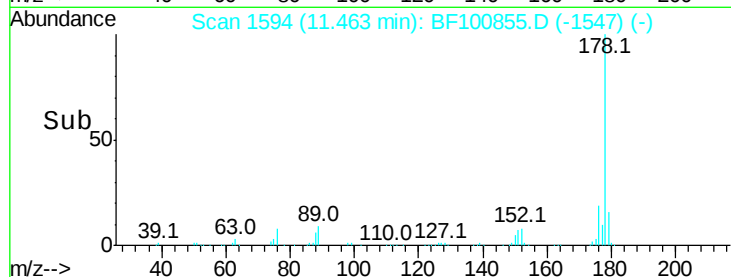
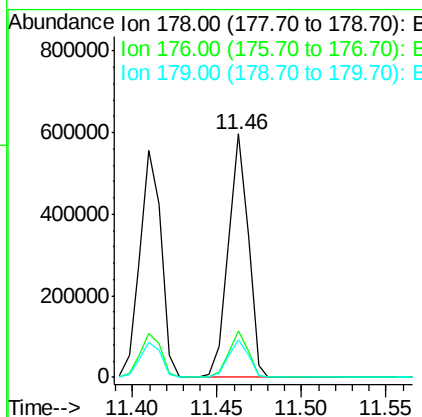
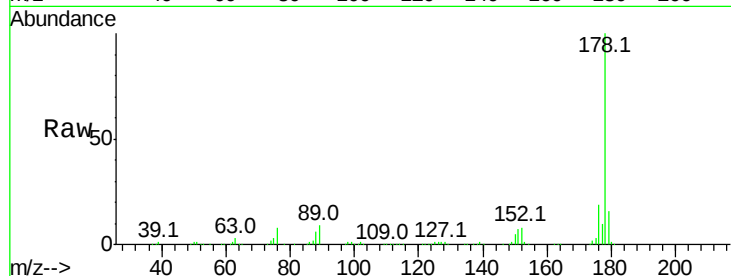




#71
 Anthracene
 Concen: 41.578 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

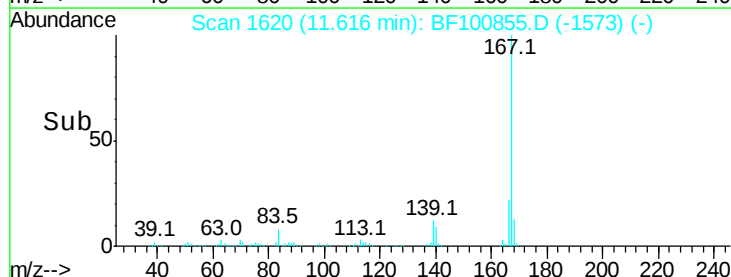
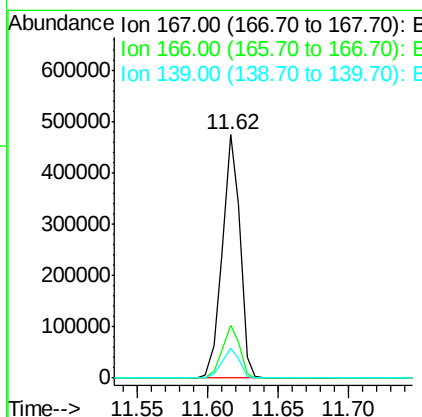
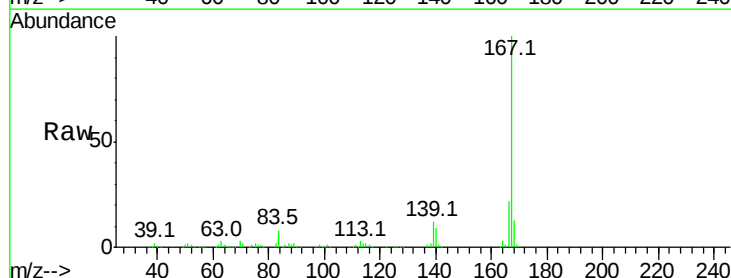
Instrument :
 BNA_F
 ClientSampleId :

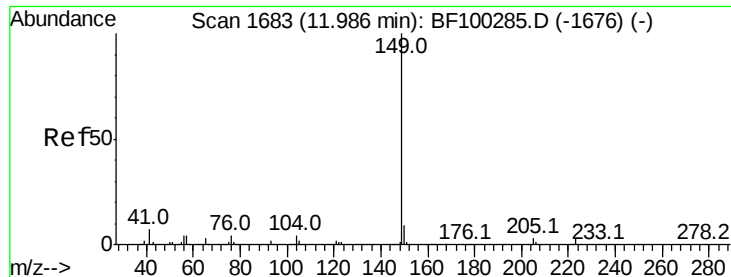
Tot Ion:178 Resp: 486940
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 38.184 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion:167 Resp: 412629
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 12.4 10.9 16.3

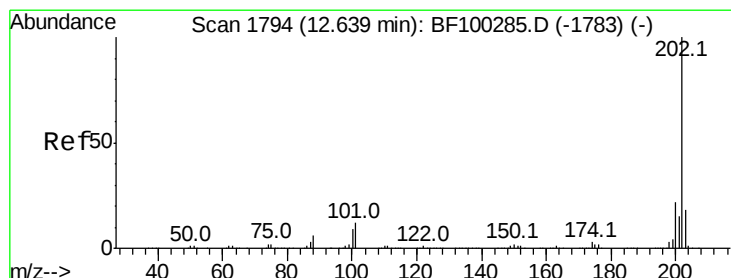
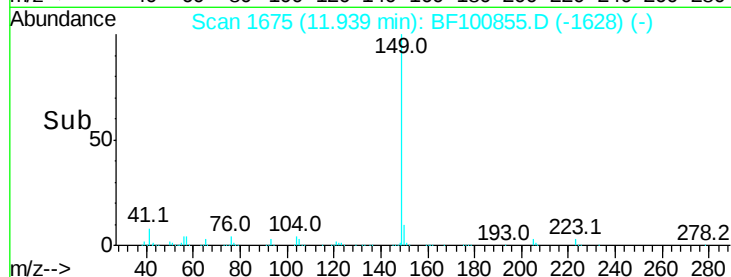
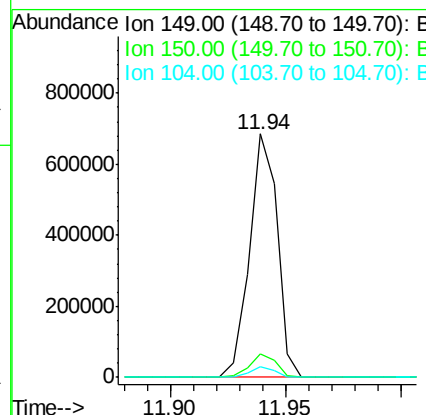
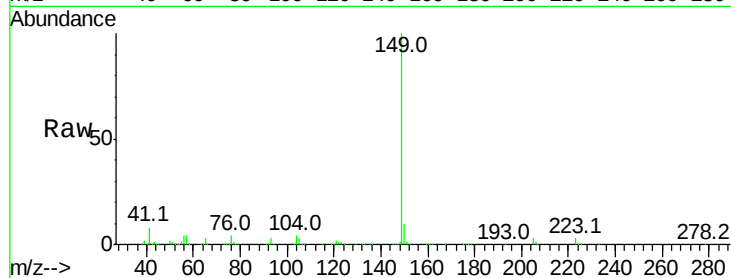




#73
Di-n-butylphthalate
Concen: 45.556 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

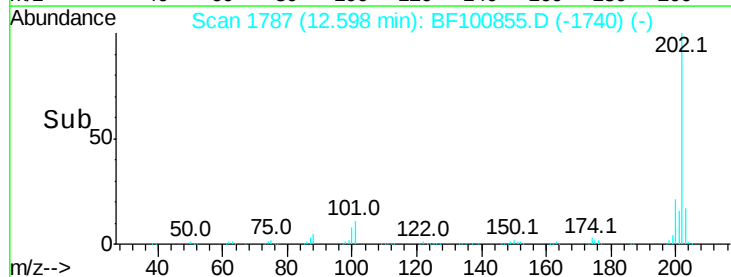
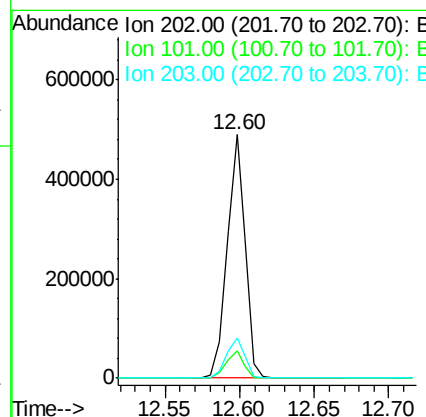
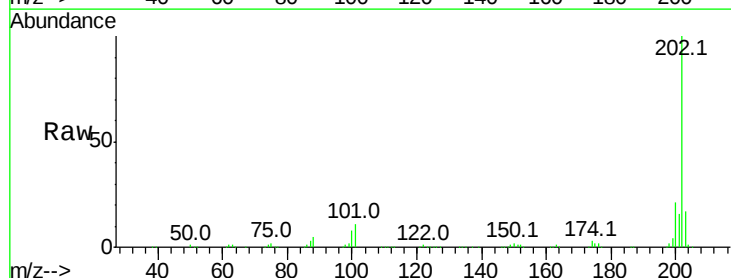
Instrument :
BNA_F
ClientSampleId :

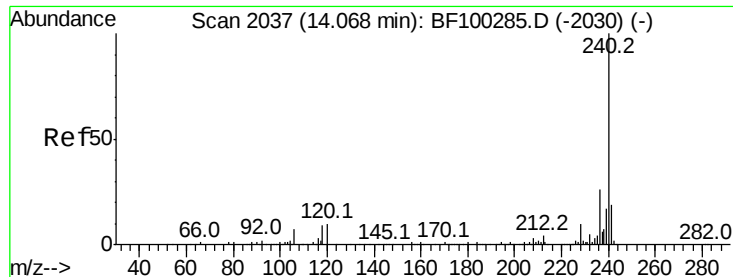
Tot Ion:149 Resp: 576104
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 34.064 ng
RT: 12.60 min Scan# 1787
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:202 Resp: 416740
Ion Ratio Lower Upper
202 100
101 11.5 0.0 34.1
203 16.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

Instrument :

BNA_F

ClientSampled :

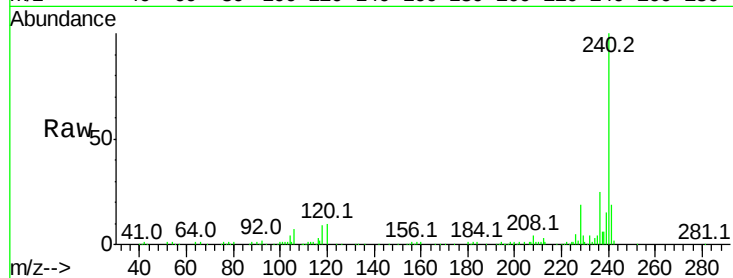
Tot Ion:240 Resp: 138995

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

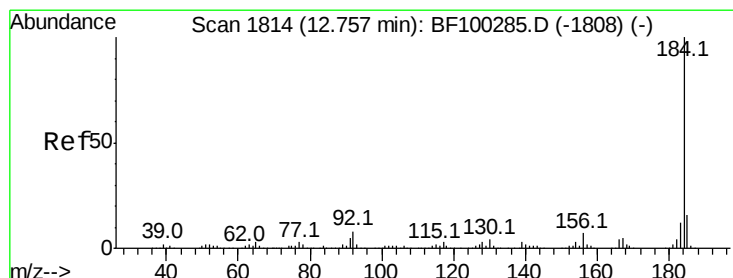
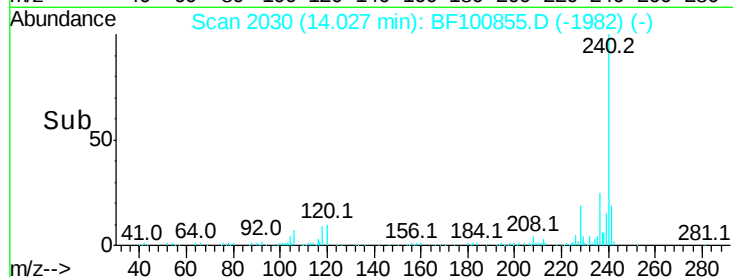
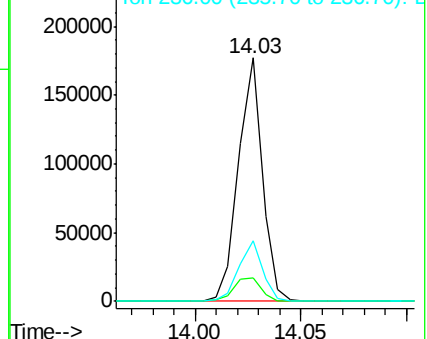
236 24.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.159 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.02 min

Lab File: BF100855.D

Acq: 23 Nov 2017 6:07

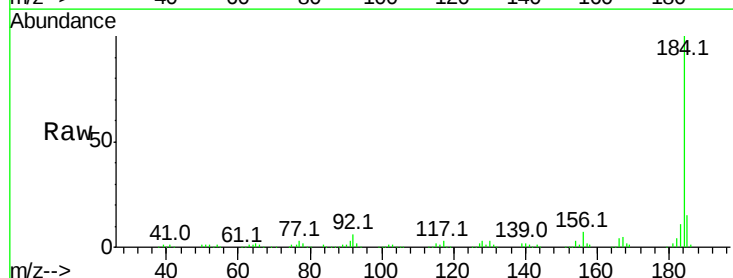
Tgt Ion:184 Resp: 173446

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

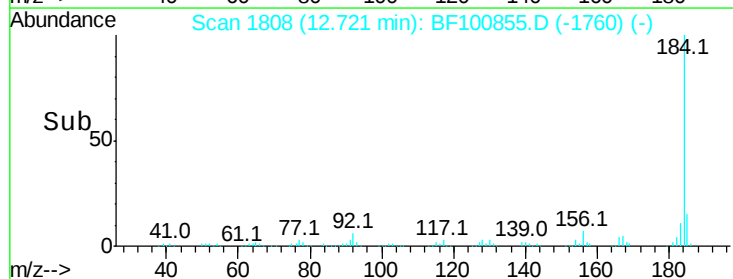
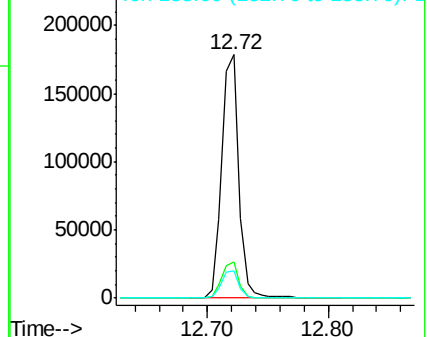
183 11.4 9.3 13.9



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

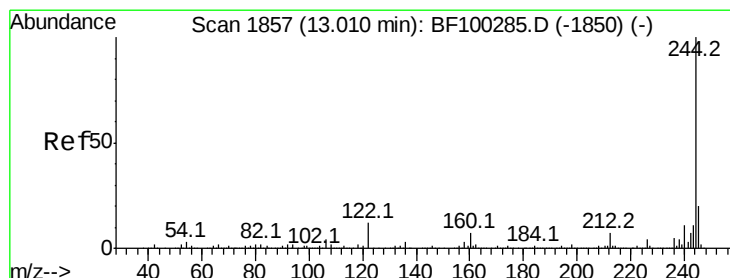
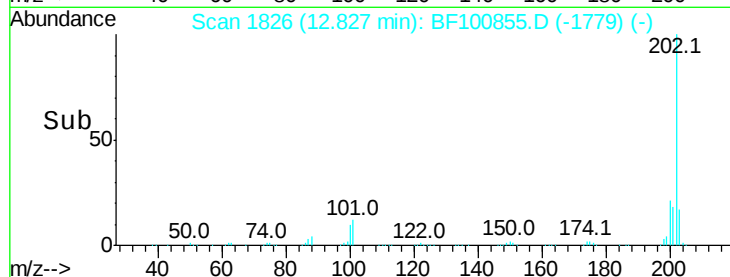
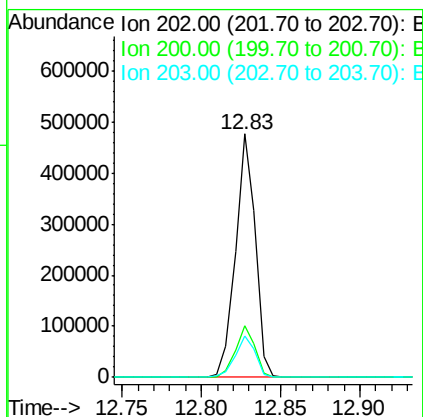
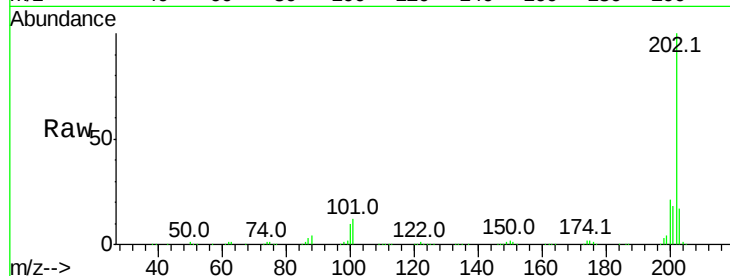




#77
Pvrene
Concen: 41.469 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

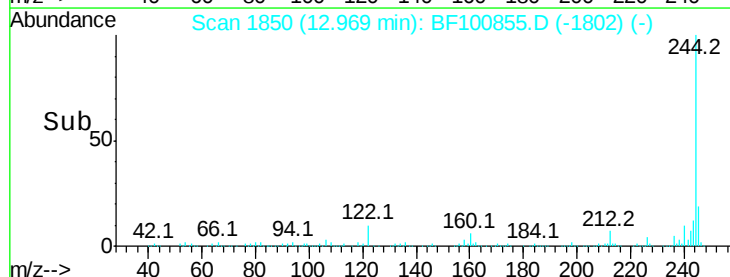
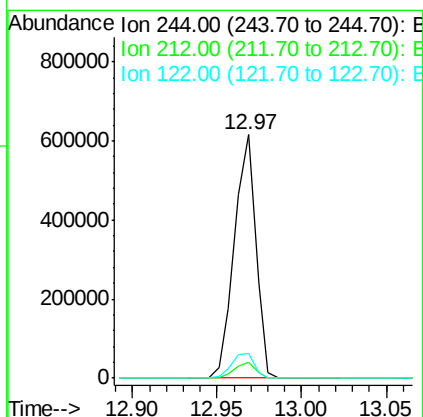
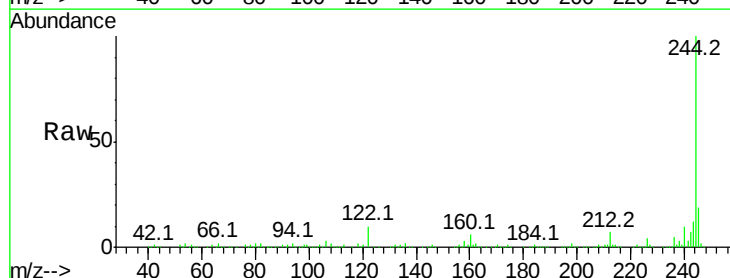
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 410883
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.2 14.3 21.5



#78
Terphenyl-d14
Concen: 89.876 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion:244 Resp: 543687
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.0
122 10.3 11.0 16.4#

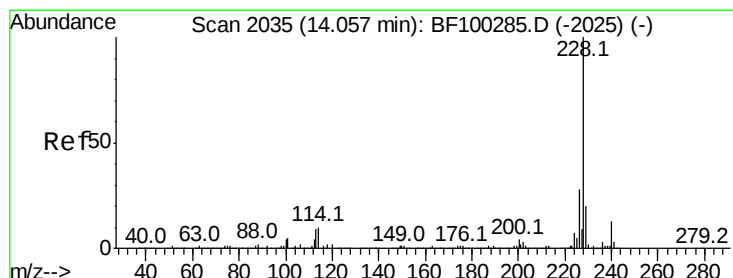
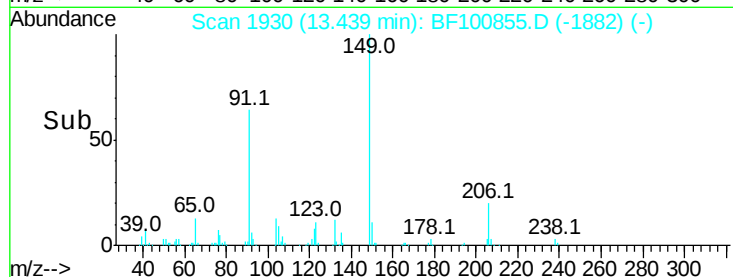
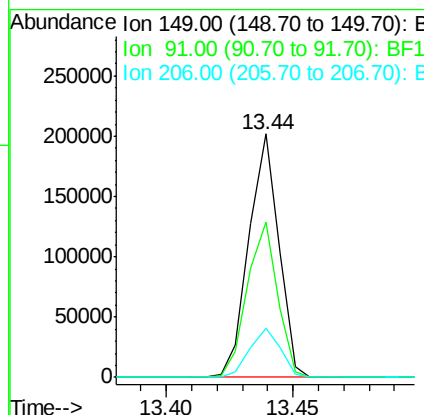
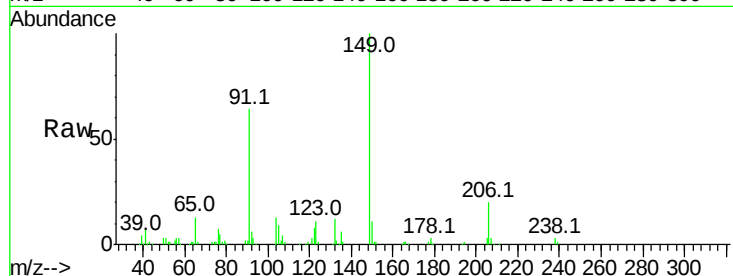




#79
Butylbenzylphthalate
Concen: 41.213 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

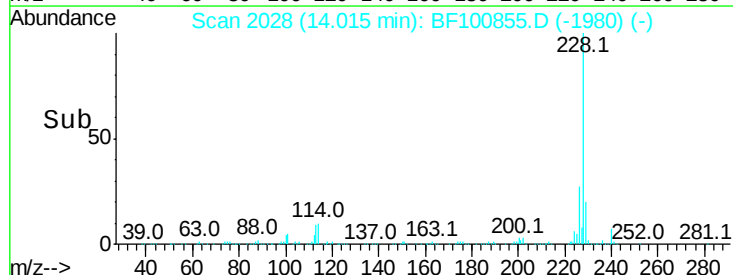
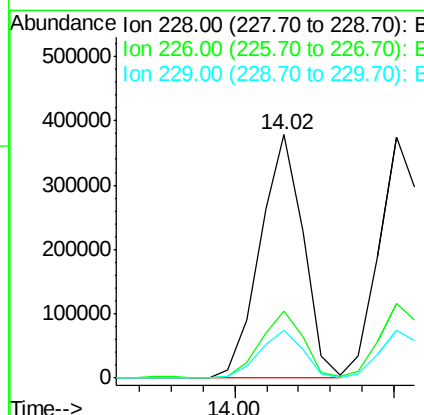
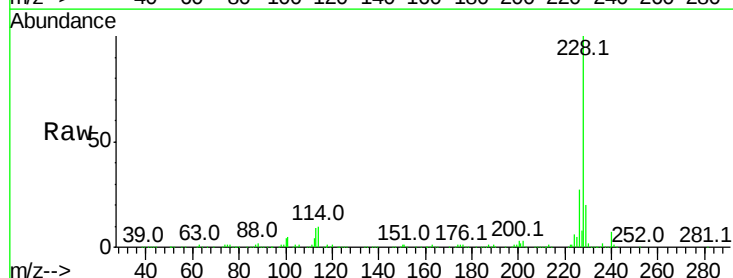
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	56.8	85.2
206	20.3	14.1	21.1



#80
Benzo(a)anthracene
Concen: 42.730 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	15.8	23.6

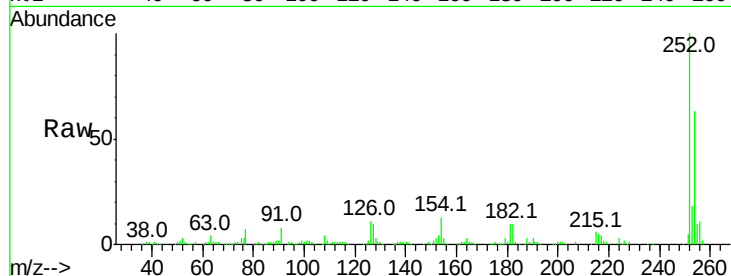




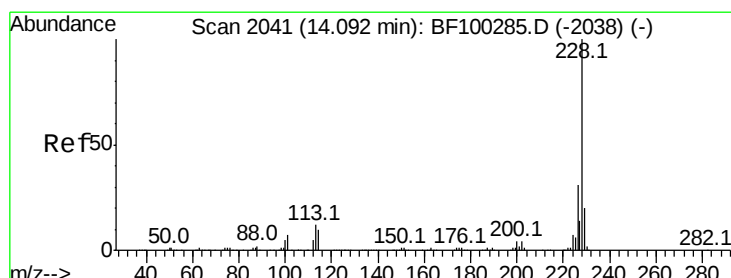
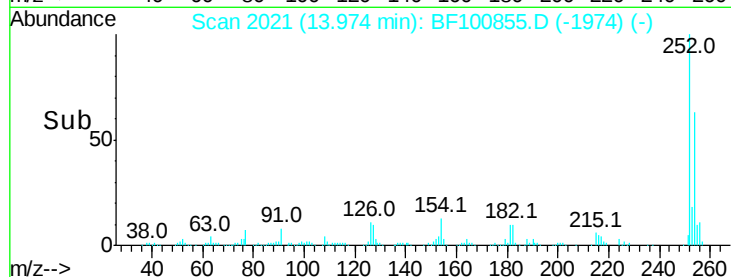
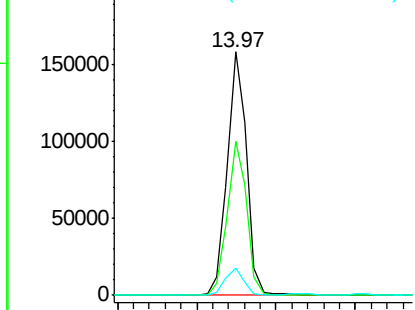
#81
 3,3'-Dichlorobenzidine
 Concen: 44.357 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.4	75.6
126	11.3	11.3	16.9

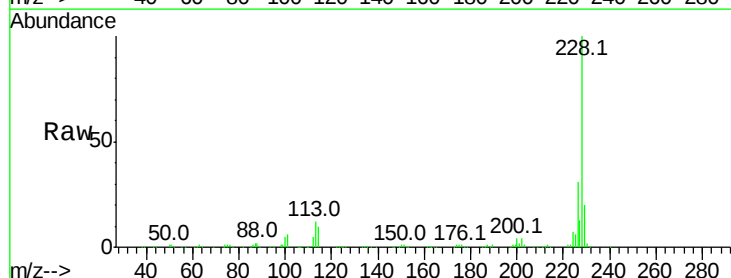


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

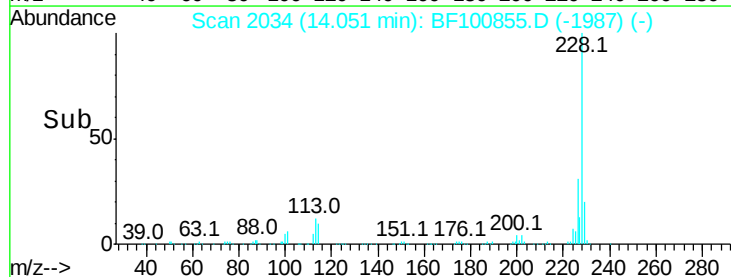
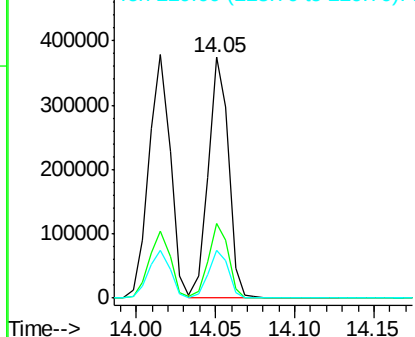


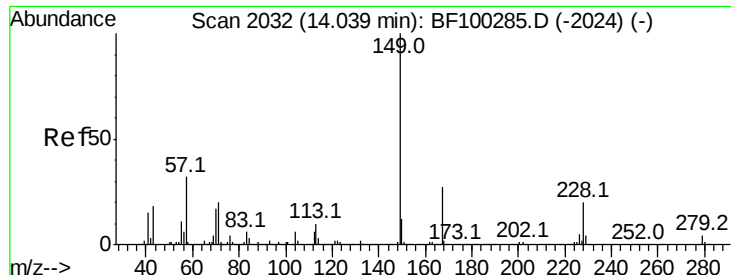
#82
 Chrysene
 Concen: 41.367 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.1	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

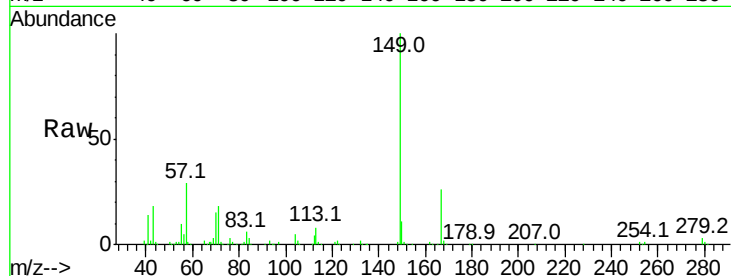




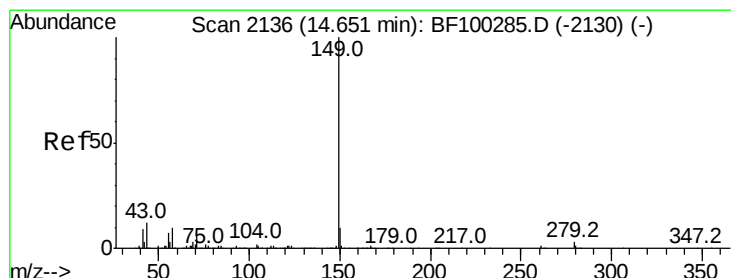
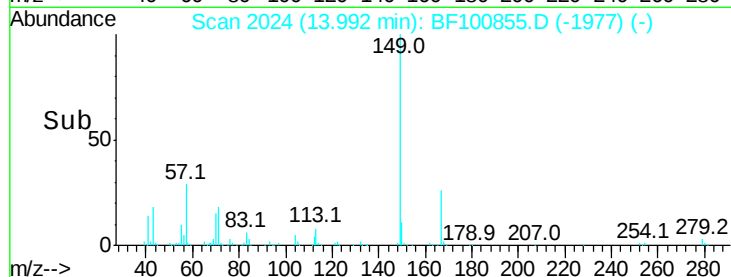
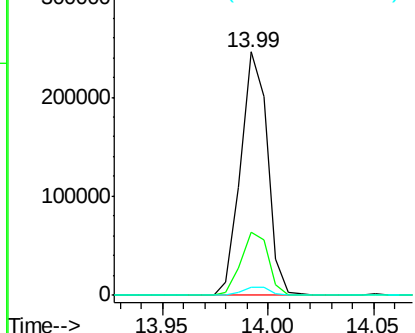
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.647 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.3	31.9
279	3.3	3.0	4.4

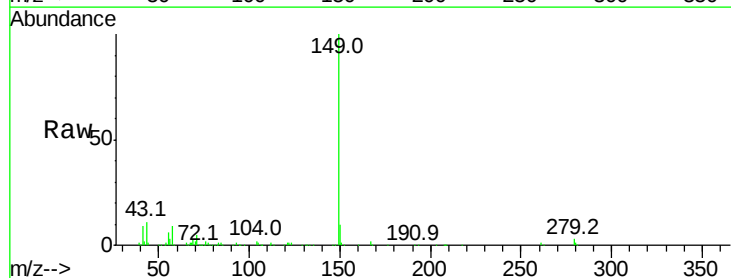


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

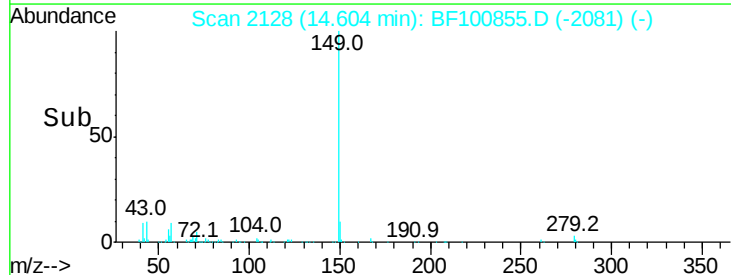
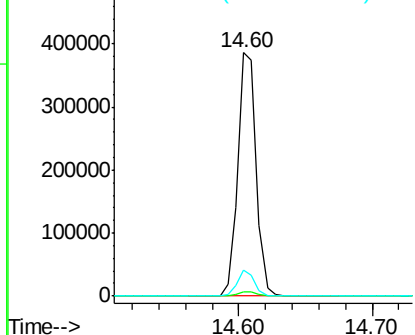


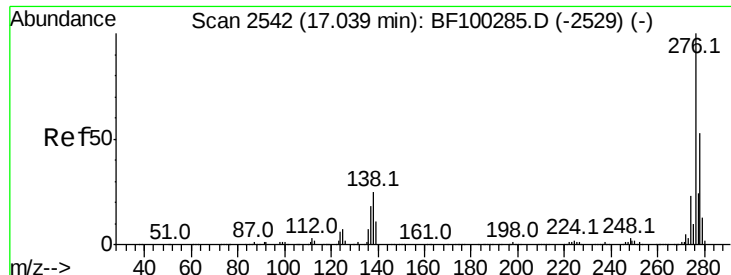
#84
 Di-n-octyl phthalate
 Concen: 40.600 ng
 RT: 14.60 min Scan# 2128
 Delta R.T. -0.02 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

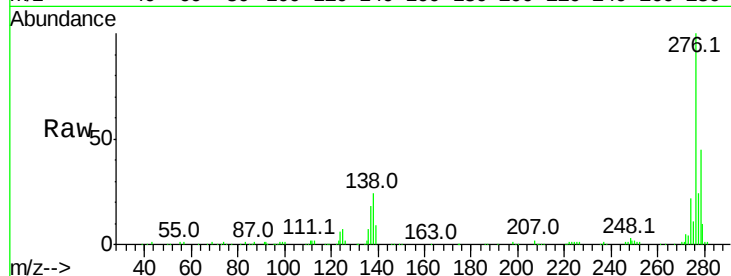




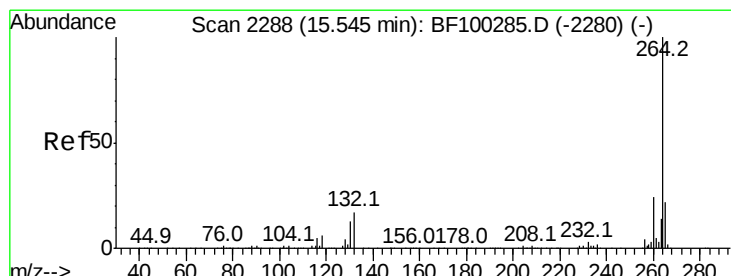
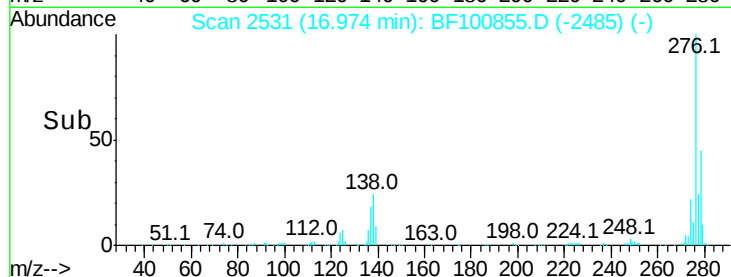
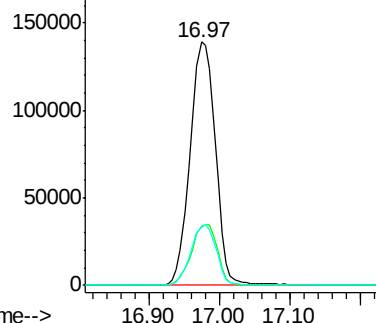
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.167 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.03 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.0	37.6
277	24.9	20.1	30.1

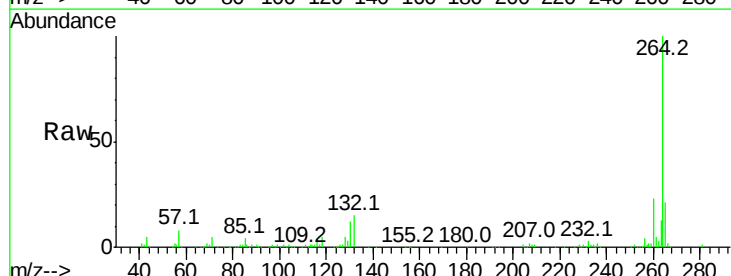


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

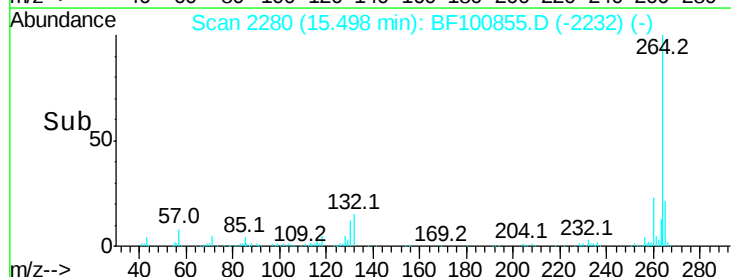
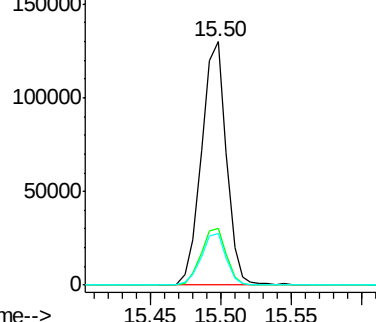


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

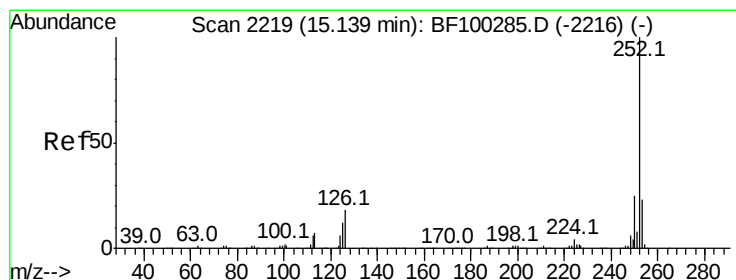
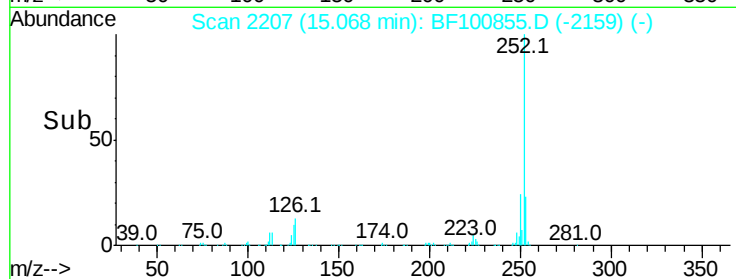
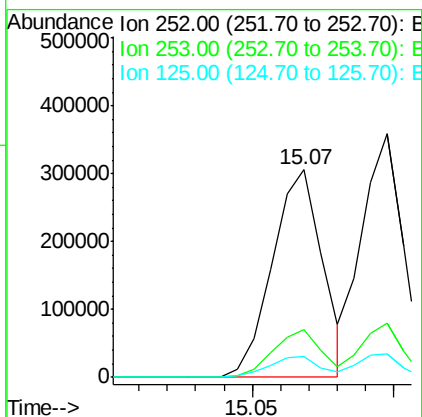
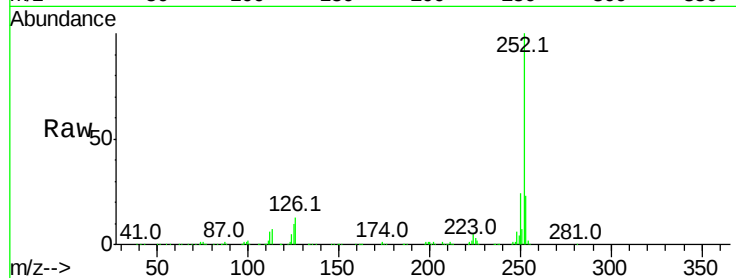




#87
Benzo(b)fluoranthene
Concen: 39.784 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

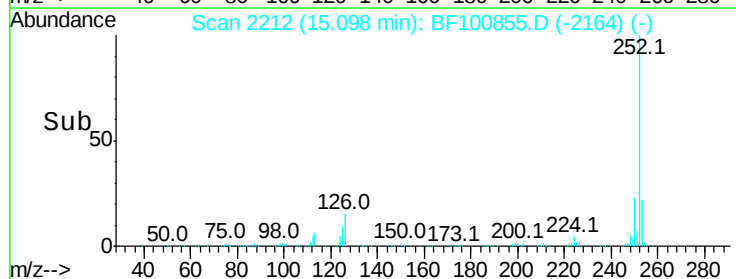
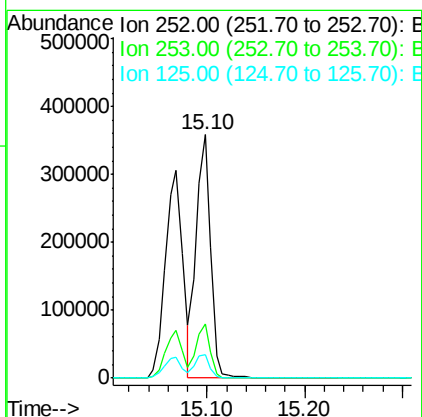
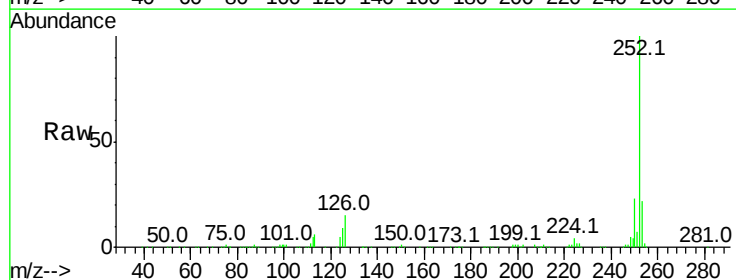
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.0	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 41.222 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.4	10.2	15.2

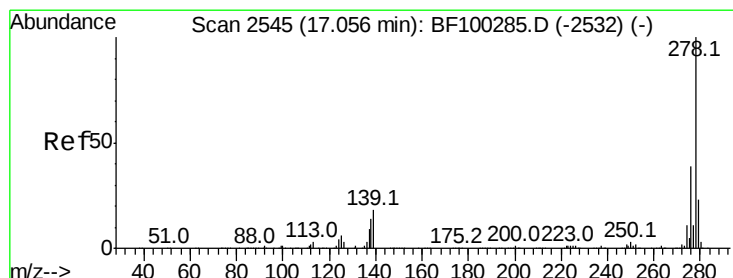
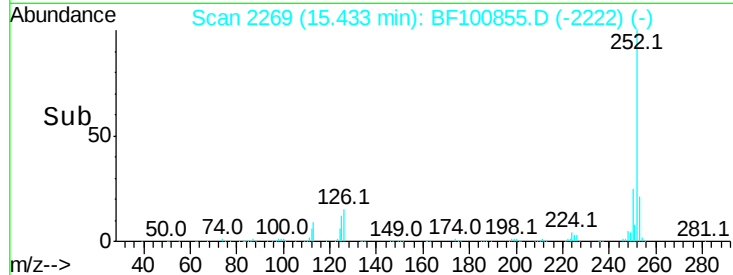
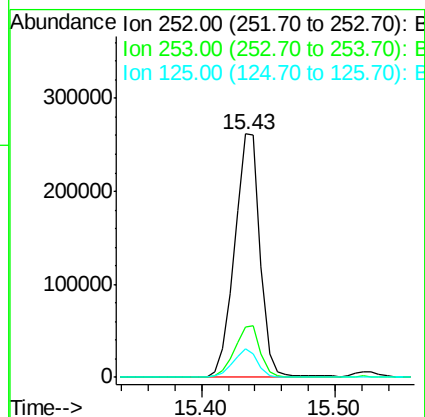
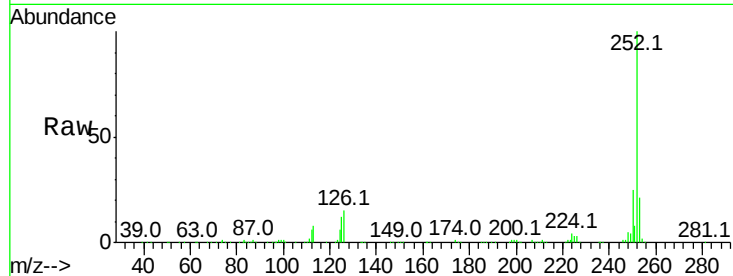




#89
Benzo(a)pyrene
Concen: 41.748 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

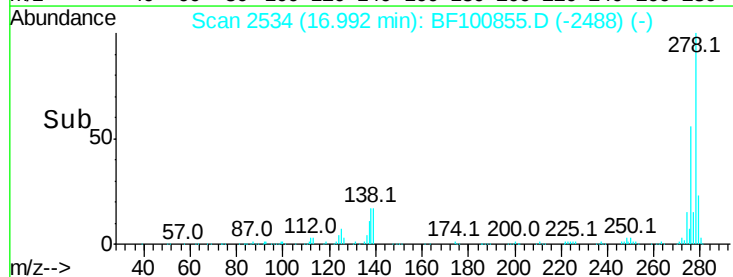
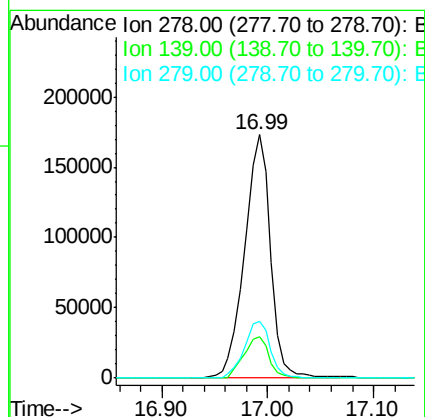
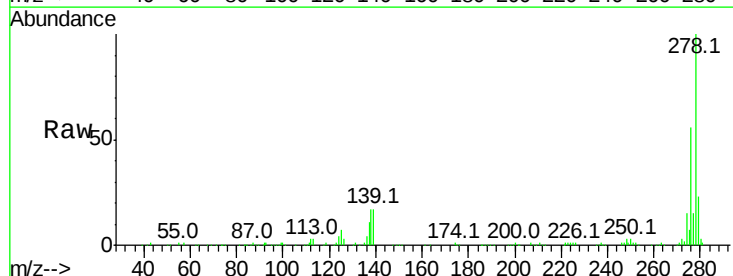
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	11.7	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 43.130 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BF100855.D
Acq: 23 Nov 2017 6:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.9	23.9
279	23.4	19.0	28.4

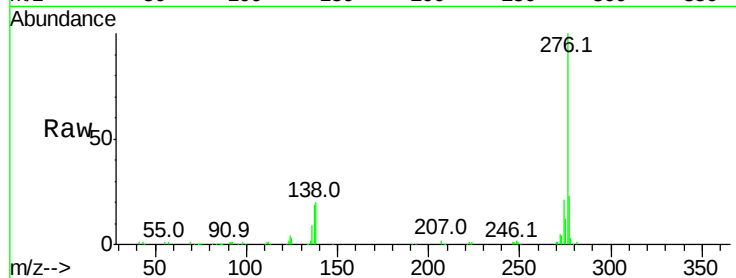




#91
 Benzo(a,h,i)perylene
 Concen: 40.489 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.03 min
 Lab File: BF100855.D
 Acq: 23 Nov 2017 6:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	20.3	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

