

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100822.D
 Acq On : 22 Nov 2017 13:18
 Operator : SJ/JU
 Sample : I6310-05MSD 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 22 17:26:31 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	6.87	152	74764	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	283295	20.00	ng	-0.01
38) Acenaphthene-d10	9.91	164	113483	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	179808	20.00	ng	0.00
75) Chrysene-d12	14.03	240	173903	20.00	ng	-0.01
86) Perylene-d12	15.51	264	159197	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	53963	11.57	ng	-0.01
7) Phenol-d6	6.49	99	66643	11.59	ng	-0.02
23) Nitrobenzene-d5	7.43	82	37058	8.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	12899	11.15	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	81989	11.00	ng	-0.01
78) Terphenyl-d14	12.98	244	60563	8.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	6184	2.721	ng	98
3) Pyridine	3.49	79	13787	2.223	ng	# 94
4) n-Nitrosodimethylamine	3.37	42	7255	2.410	ng	# 96
8) 2-Chlorophenol	6.65	128	19769	4.007	ng	98
10) Phenol	6.50	94	25880	4.286	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	18684	3.684	ng	97
12) 1,3-Dichlorobenzene	6.81	146	23118	4.064	ng	97
13) 1,4-Dichlorobenzene	6.89	146	23201	4.030	ng	98
14) 1,2-Dichlorobenzene	7.04	146	22007	4.134	ng	96
15) Benzyl Alcohol	7.00	79	16490	3.674	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	30595	3.772	ng	99
17) 2-Methylphenol	7.12	107	16120	3.823	ng	97
18) Hexachloroethane	7.38	117	6262	3.299	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	14210	3.563	ng	93
20) 3+4-Methylphenols	7.27	107	20896	3.916	ng	# 84
22) Acetophenone	7.27	105	28648	4.147	ng	95
24) Nitrobenzene	7.45	77	19759	4.480	ng	98
25) Isophorone	7.69	82	35875	3.984	ng	99
26) 2-Nitrophenol	7.77	139	9002	9.244	ng	96
27) 2,4-Dimethylphenol	7.80	122	16987	4.208	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	22376	3.799	ng	96
29) 2,4-Dichlorophenol	8.01	162	16235	4.213	ng	94
30) 1,2,4-Trichlorobenzene	8.09	180	18246	4.377	ng	99
31) Naphthalene	8.17	128	60456	4.431	ng	97
32) Benzoic acid	7.87	122	749	9.566	ng	# 62
34) Hexachlorobutadiene	8.29	225	10548	4.256	ng	93
35) Caprolactam	8.55	113	4727	3.574	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	15599	3.769	ng	98
37) 2-Methylnaphthalene	8.86	142	41379	4.568	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	17458	4.639	ng	# 96
42) 2,4,6-Trichlorophenol	9.15	196	10431	4.373	ng	95
43) 2,4,5-Trichlorophenol	9.18	196	10570	4.277	ng	96
45) 1,1'-Biphenyl	9.33	154	45574	4.643	ng	98
46) 2-Chloronaphthalene	9.36	162	34340	4.823	ng	# 89

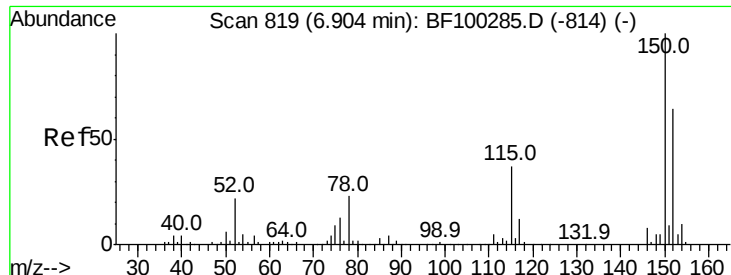
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
 Data File : BF100822.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	9.45	65	9278	6.938	ng	90
48) Acenaphthylene	9.77	152	50603	4.288	ng	97
49) Dimethylphthalate	9.62	163	42804	4.940	ng	# 98
50) 2,6-Dinitrotoluene	9.69	165	7512	4.380	ng	93
51) Acenaphthene	9.94	154	29340	4.088	ng	97
52) 3-Nitroaniline	9.86	138	6281	3.101	ng	87
54) Dibenzofuran	10.12	168	44403	4.414	ng	96
55) 4-Nitrophenol	10.02	139	9388	5.709	ng	92
56) 2,4-Dinitrotoluene	10.09	165	8229	3.803	ng	# 91
57) Fluorene	10.46	166	34810	4.724	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	7361	3.634	ng	# 95
59) Diethylphthalate	10.32	149	36464	4.205	ng	96
60) 4-Chlorophenyl-phenylether	10.45	204	16192	4.479	ng	93
61) 4-Nitroaniline	10.46	138	6004	3.126	ng	95
62) Azobenzene	10.60	77	29539	3.617	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	126	8.684	ng	# 32
65) n-Nitrosodiphenylamine	10.56	169	30702	4.911	ng	94
66) 4-Bromophenyl-phenylether	10.94	248	9552	4.956	ng	# 78
67) Hexachlorobenzene	11.00	284	9110	4.519	ng	# 83
68) Atrazine	11.09	200	8886	4.695	ng	94
69) Pentachlorophenol	11.20	266	6163	4.263	ng	95
70) Phenanthrene	11.42	178	45573	4.814	ng	98
71) Anthracene	11.47	178	43757	4.556	ng	97
72) Carbazole	11.62	167	37369	4.217	ng	99
73) Di-n-butylphthalate	11.95	149	46490	4.483	ng	97
74) Fluoranthene	12.61	202	45055	4.491	ng	95
77) Pyrene	12.84	202	48237	3.891	ng	96
79) Butylbenzylphthalate	13.45	149	18817	3.722	ng	# 95
80) Benzo(a)anthracene	14.03	228	47028	4.491	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	9372	2.498	ng	98
82) Chrysene	14.06	228	46148	4.551	ng	97
83) Bis(2-ethylhexyl)phthalate	14.00	149	28484	4.284	ng	99
84) Di-n-octyl phthalate	14.62	149	51614	4.519	ng	# 99
85) Indeno(1,2,3-cd)pyrene	16.99	276	31829	3.880	ng	96
87) Benzo(b)fluoranthene	15.07	252	44003	4.665	ng	98
88) Benzo(k)fluoranthene	15.10	252	38751	4.348	ng	100
89) Benzo(a)pyrene	15.44	252	35863	4.289	ng	97
90) Dibenzo(a,h)anthracene	17.00	278	26930	3.938	ng	96
91) Benzo(g,h,i)perylene	17.44	276	25340	3.786	ng	97

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

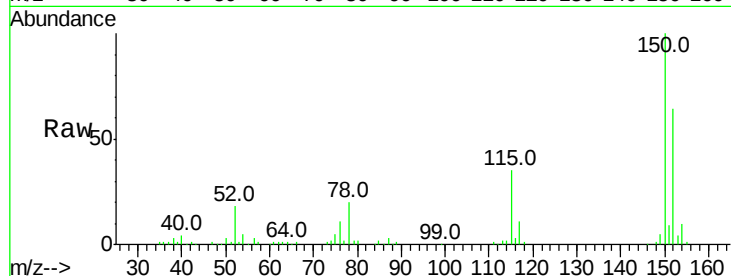


#1

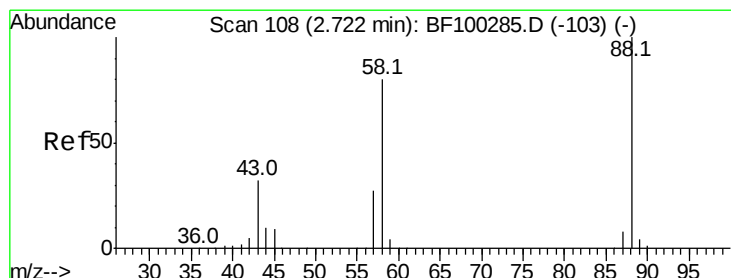
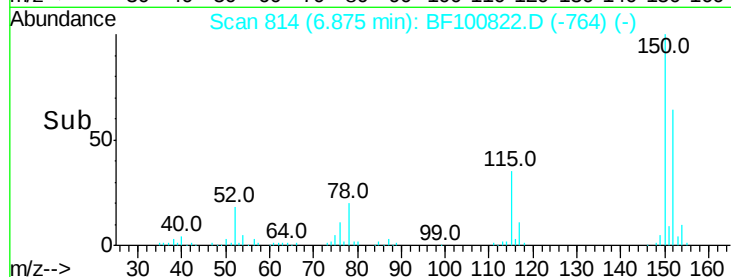
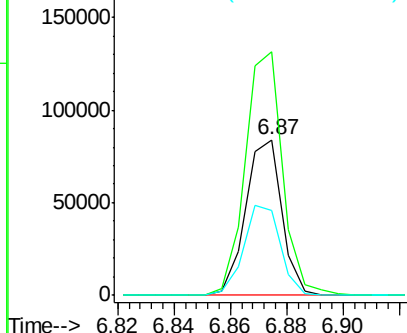
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74764
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 54.8 50.1 75.1



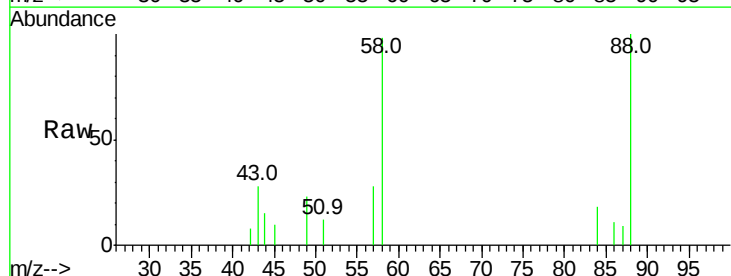
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



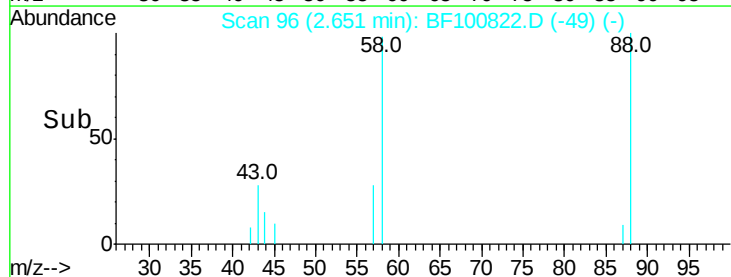
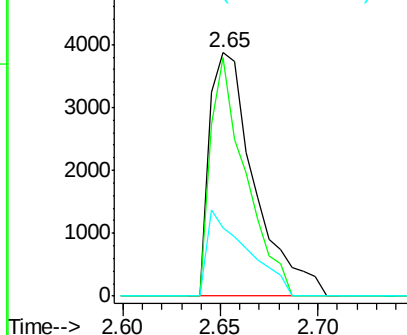
#2

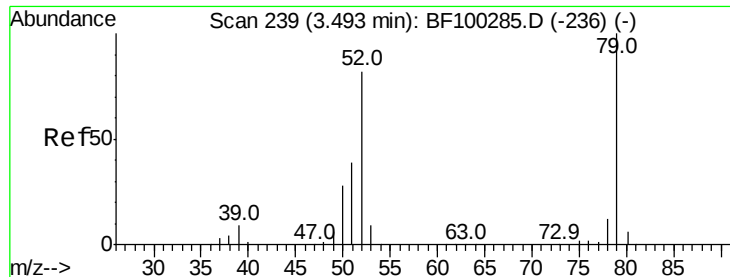
1,4-Dioxane
Concen: 2.721 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion: 88 Resp: 6184
Ion Ratio Lower Upper
88 100
58 76.3 62.6 93.8
43 31.4 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: 2.223 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.04 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampled :

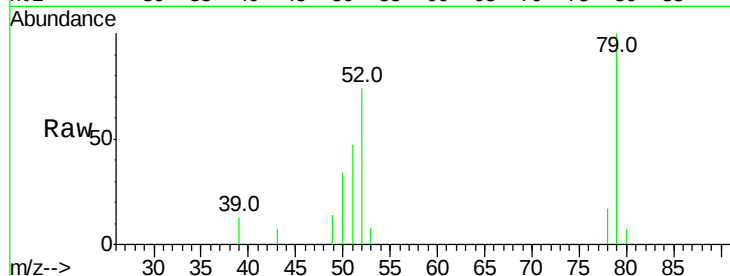
Tot Ion: 79 Resp: 13787

Ion Ratio Lower Upper

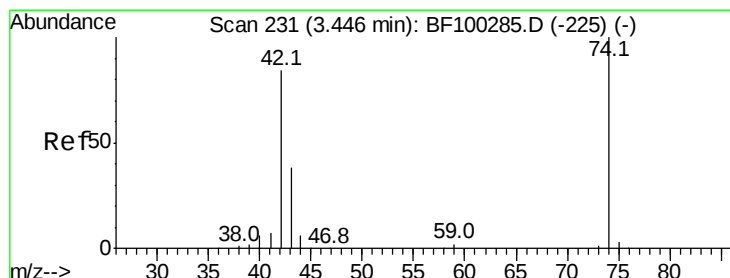
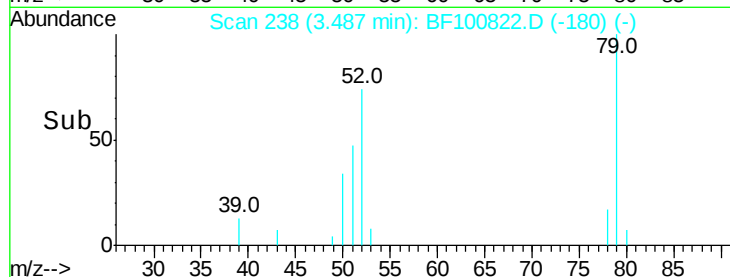
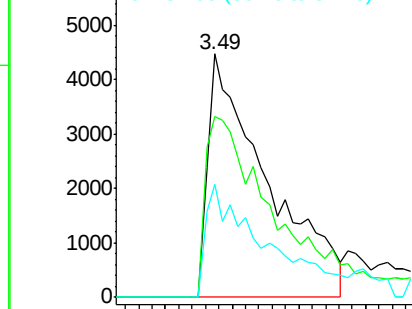
79 100

52 74.2 59.8 89.6

51 46.7 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: 2.410 ng

RT: 3.37 min Scan# 219

Delta R.T. -0.03 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

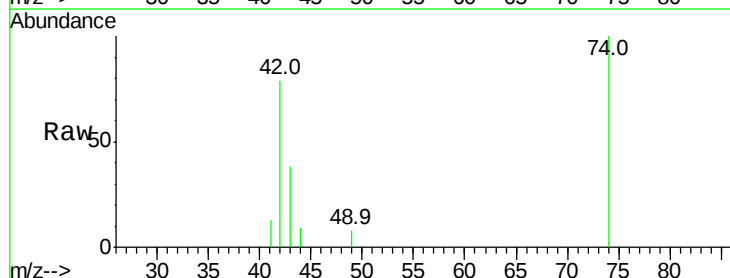
Tgt Ion: 42 Resp: 7255

Ion Ratio Lower Upper

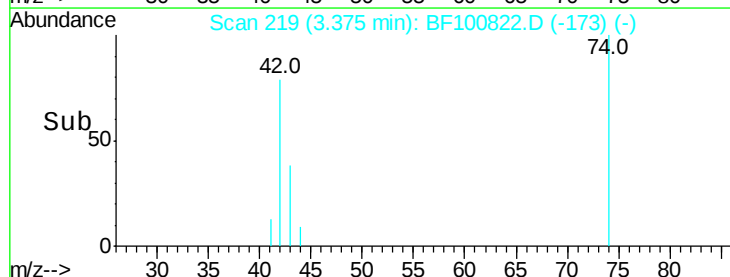
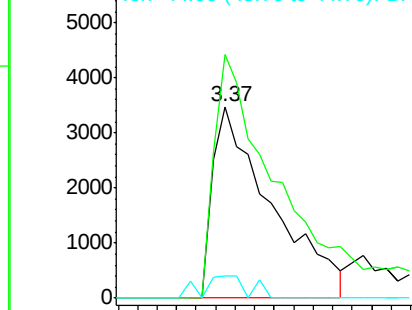
42 100

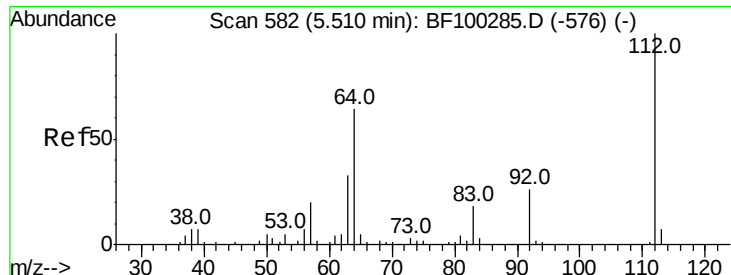
74 127.0 104.9 157.3

44 11.3 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 11.570 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

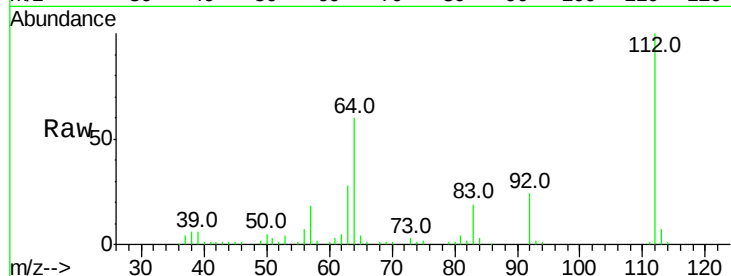
Tot Ion:112 Resp: 53963

Ion Ratio Lower Upper

112 100

64 60.4 47.9 71.9

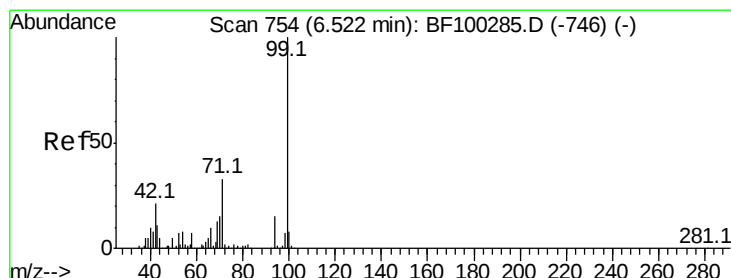
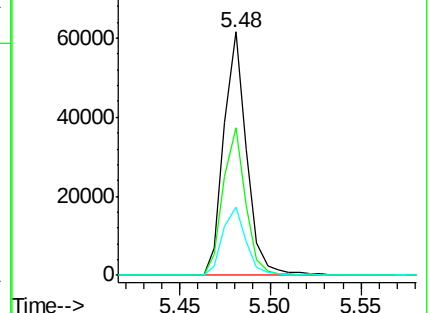
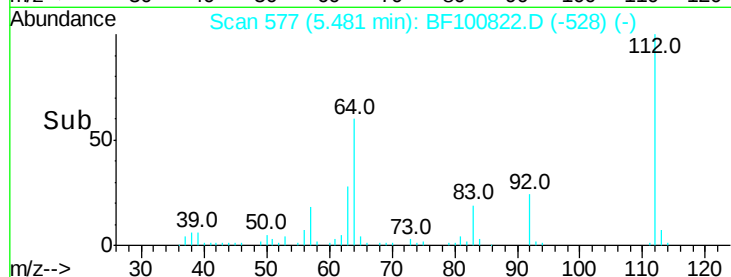
63 28.1 23.7 35.5



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



#7

Phenol-d6

Concen: 11.587 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

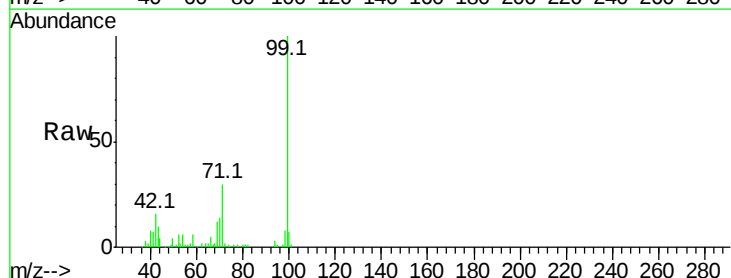
Tgt Ion: 99 Resp: 66643

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

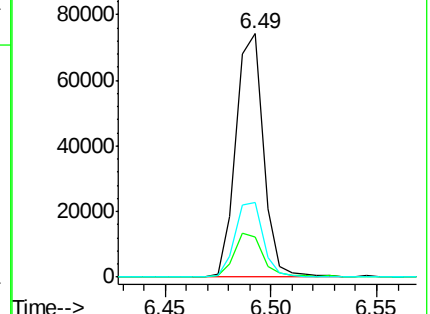
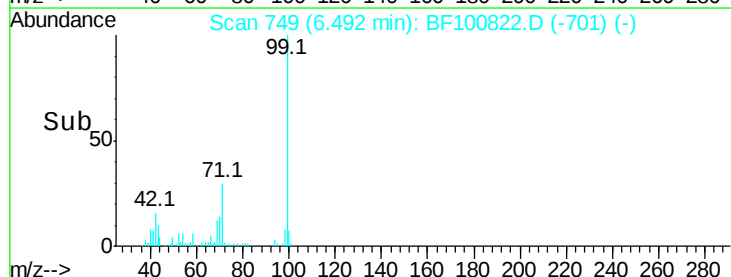
71 30.4 25.4 38.0

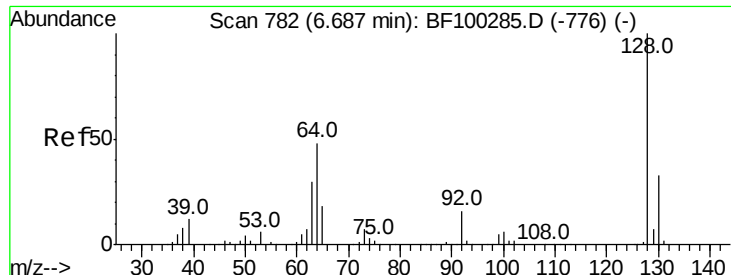


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#8

2-Chlorophenol

Concen: 4.007 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

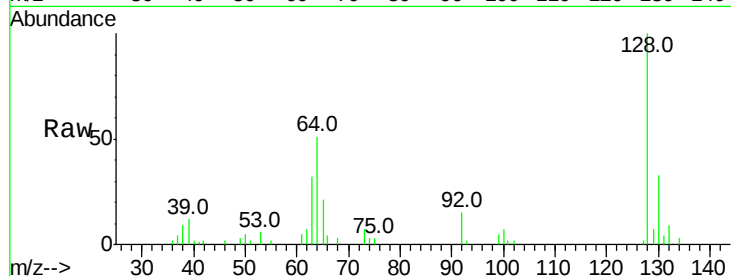
Tot Ion:128 Resp: 19769

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

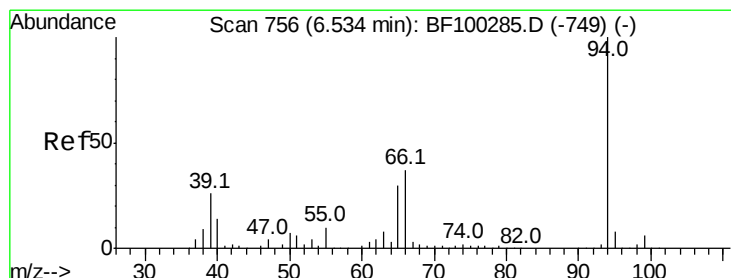
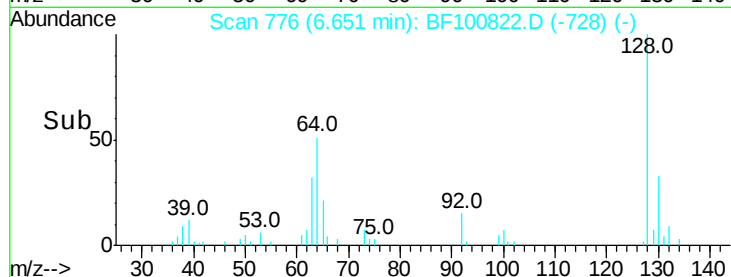
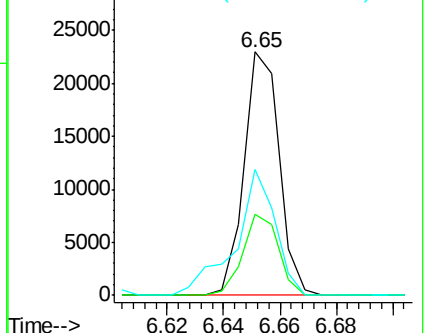
64 51.5 29.4 69.4



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



#10

Phenol

Concen: 4.286 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

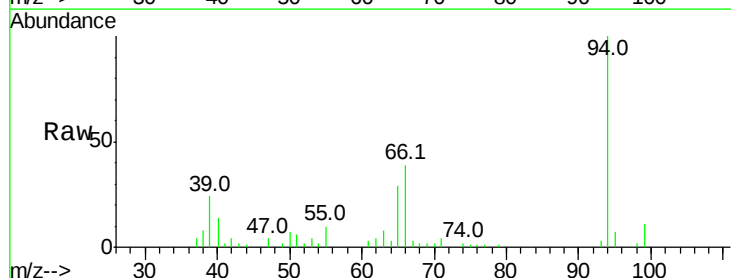
Tgt Ion: 94 Resp: 25880

Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

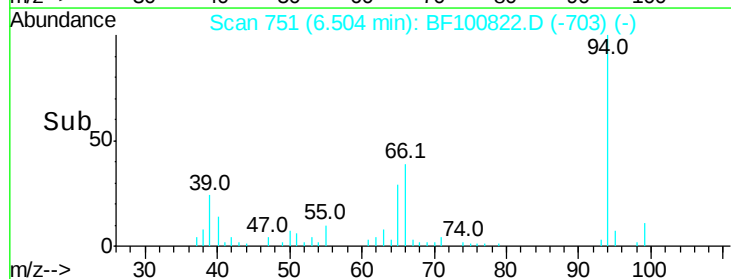
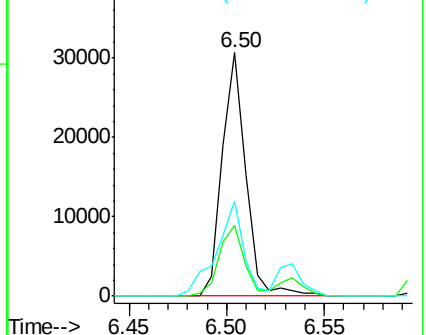
66 39.2 16.2 56.2

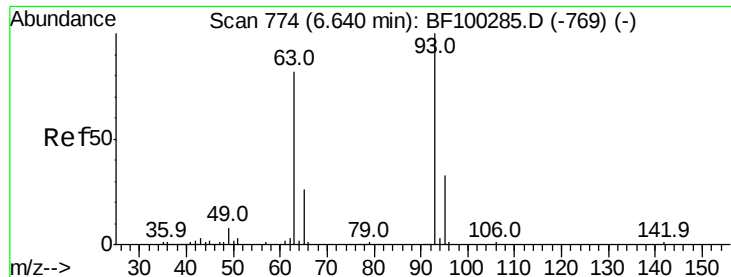


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 3.684 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

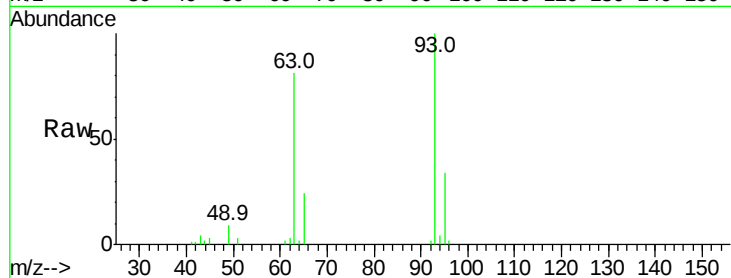
Tot Ion: 93 Resp: 18684

Ion Ratio Lower Upper

93 100

63 80.7 58.6 98.6

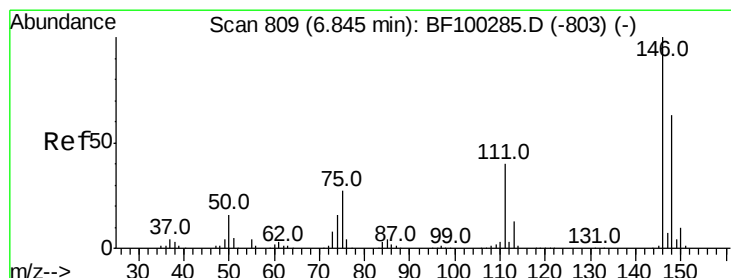
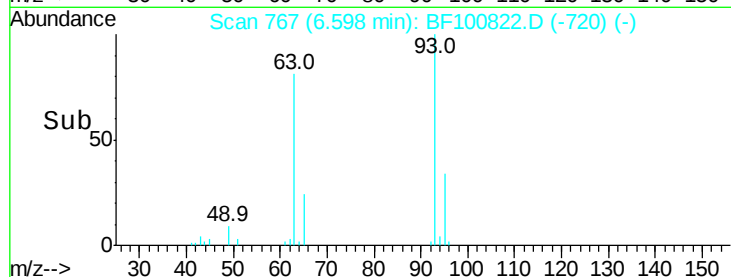
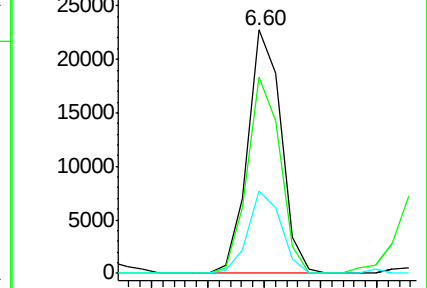
95 34.0 11.8 51.8



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: 4.064 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

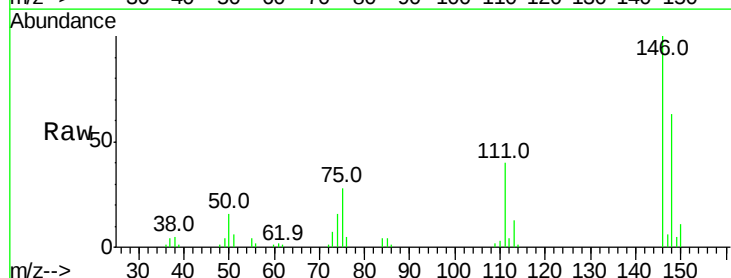
Tgt Ion: 146 Resp: 23118

Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.8

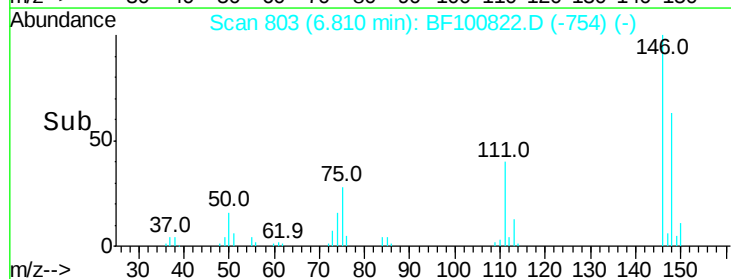
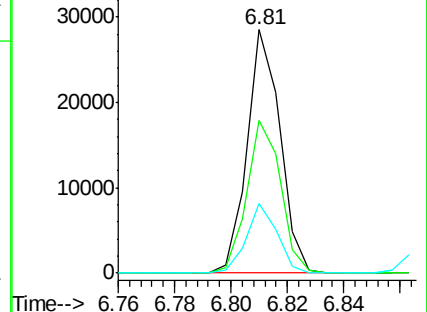
75 28.4 24.2 36.4

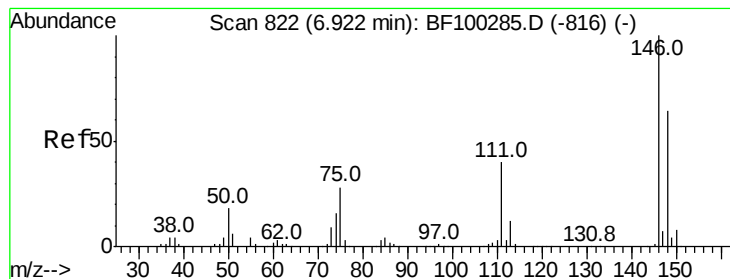


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 4.030 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

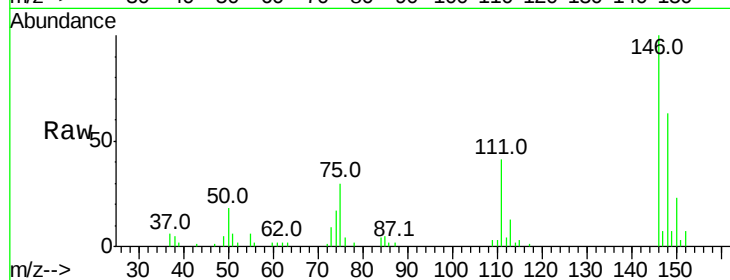
Tot Ion:146 Resp: 23201

Ion Ratio Lower Upper

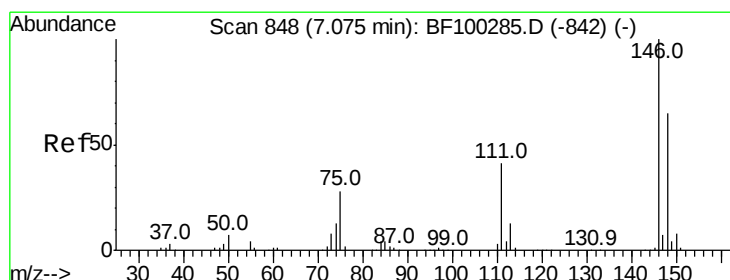
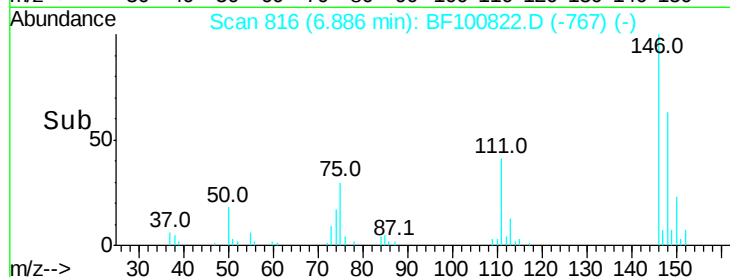
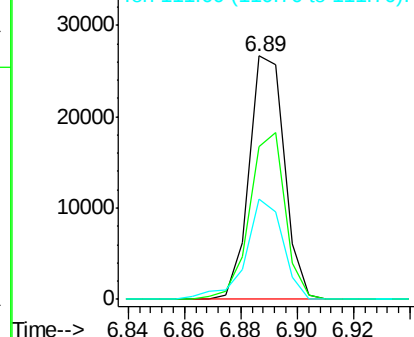
146 100

148 62.7 50.8 76.2

111 41.0 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: 4.134 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

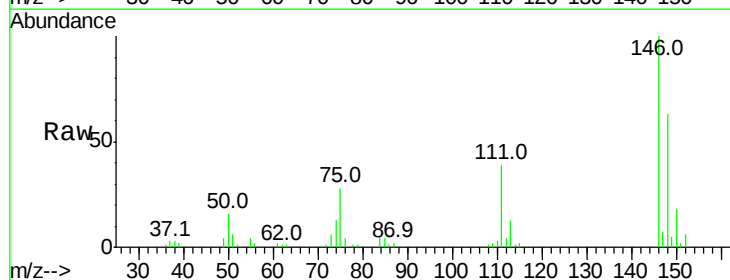
Tgt Ion:146 Resp: 22007

Ion Ratio Lower Upper

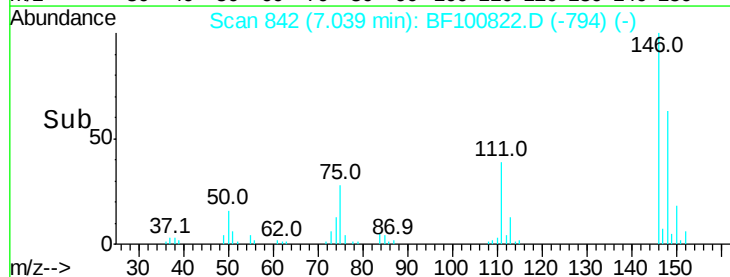
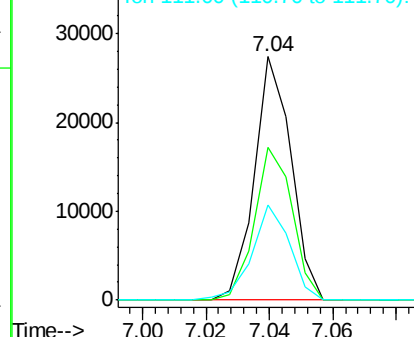
146 100

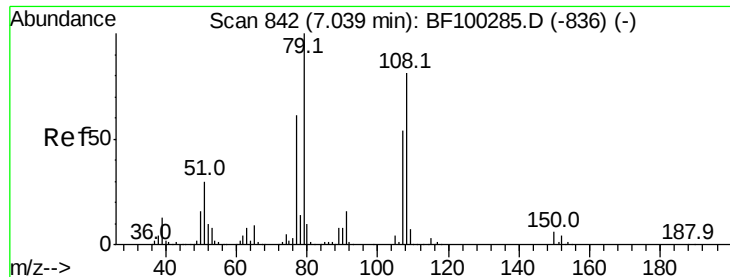
148 62.9 50.6 75.8

111 39.3 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: 3.674 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampled :

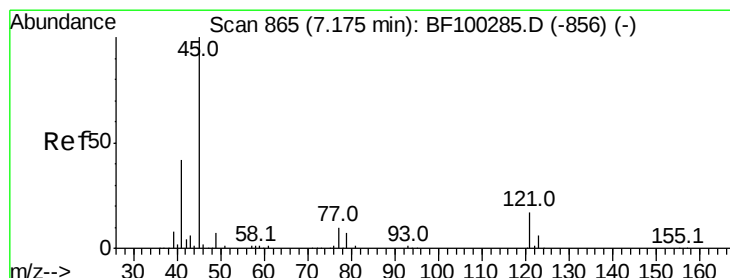
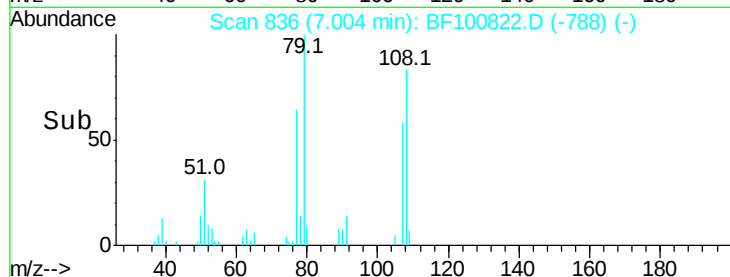
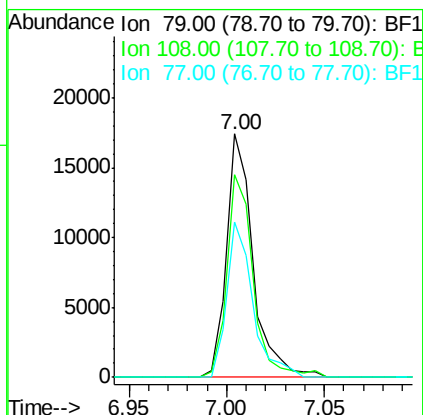
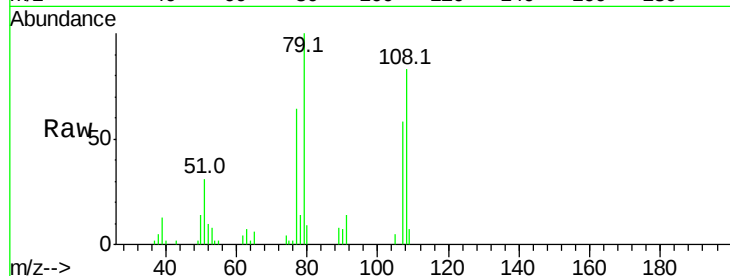
Tot Ion: 79 Resp: 16490

Ion Ratio Lower Upper

79 100

108 83.3 65.1 97.7

77 63.7 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 3.772 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

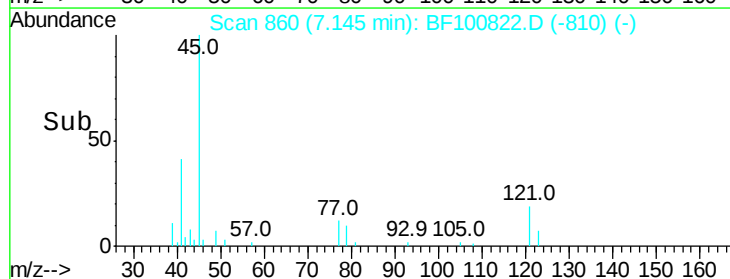
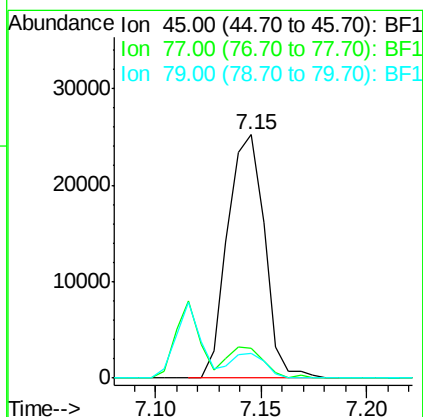
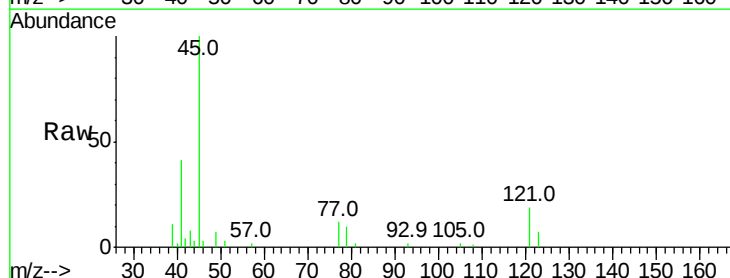
Tgt Ion: 45 Resp: 30595

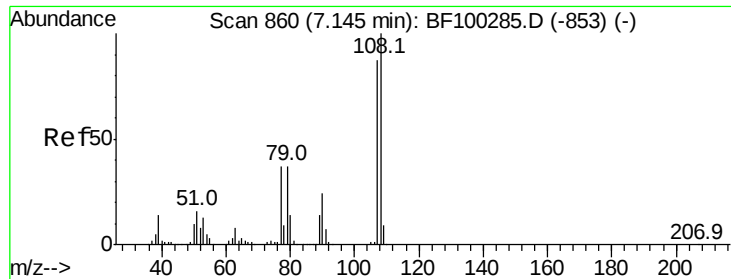
Ion Ratio Lower Upper

45 100

77 12.4 0.0 32.9

79 10.2 0.0 29.6





#17

2-Methylphenol

Concen: 3.823 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 16120

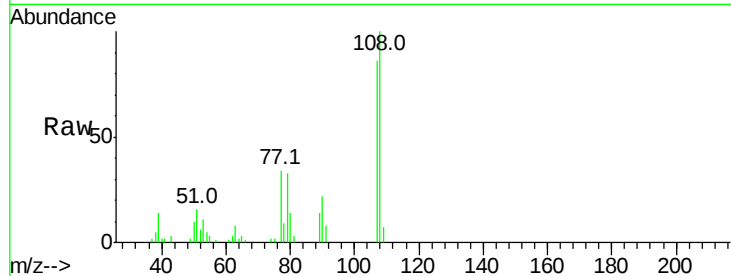
Ion Ratio Lower Upper

107 100

108 116.6 91.7 137.5

77 39.8 33.8 50.8

79 38.7 33.8 50.8

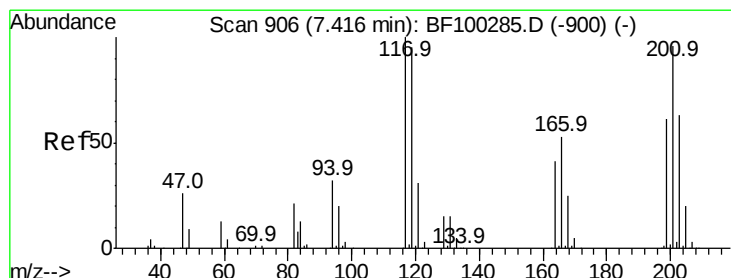
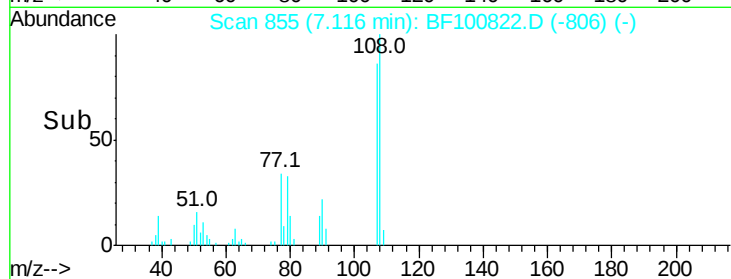
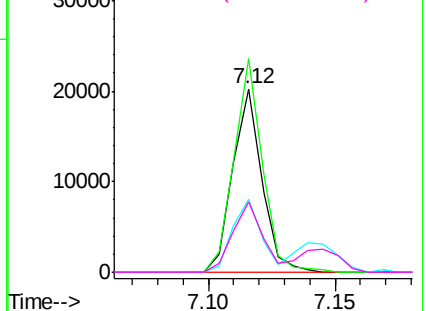


Abundance Ion 107.00 (106.70 to 107.70): E

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: 3.299 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

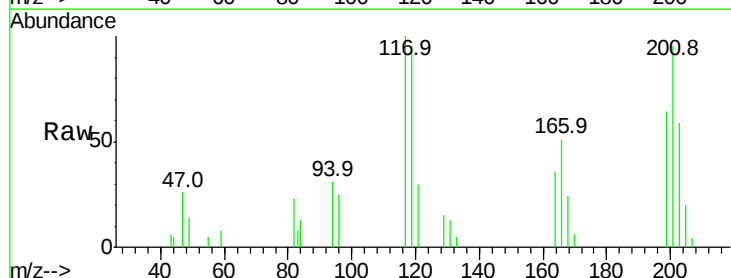
Tgt Ion:117 Resp: 6262

Ion Ratio Lower Upper

117 100

119 94.6 75.8 113.8

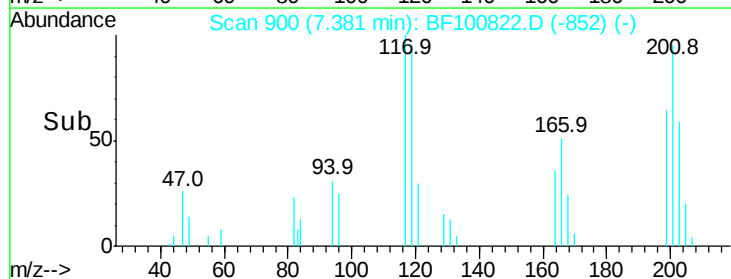
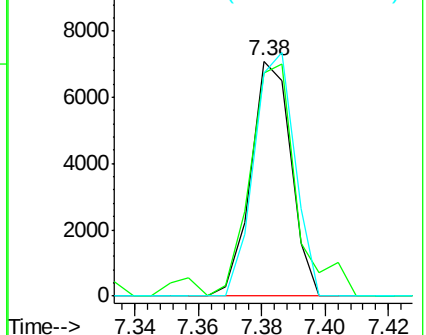
201 94.9 75.7 113.5

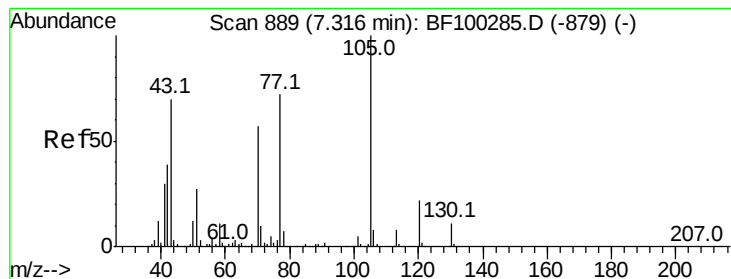


Abundance Ion 117.00 (116.70 to 117.70): E

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: 3.563 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.03 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 14210

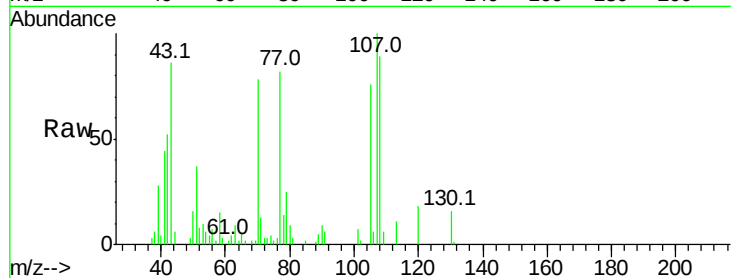
Ion Ratio Lower Upper

70 100

42 66.9 47.5 71.3

101 8.9 7.4 11.2

130 20.7 16.6 25.0



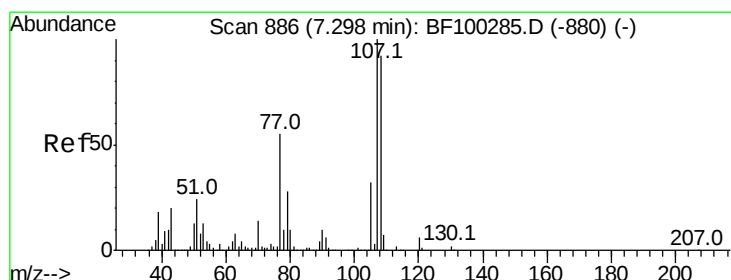
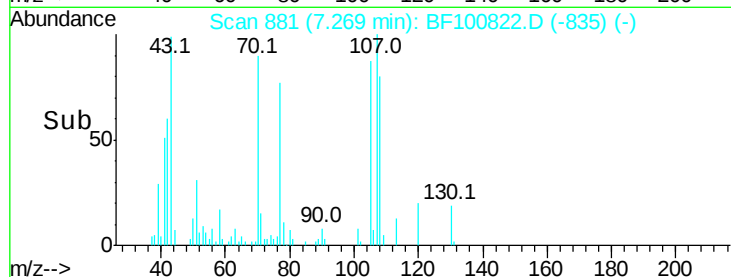
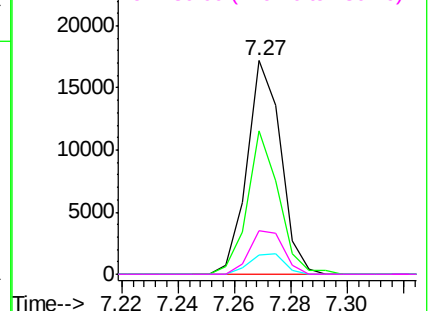
Abundance

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: 3.916 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Tgt Ion: 107 Resp: 20896

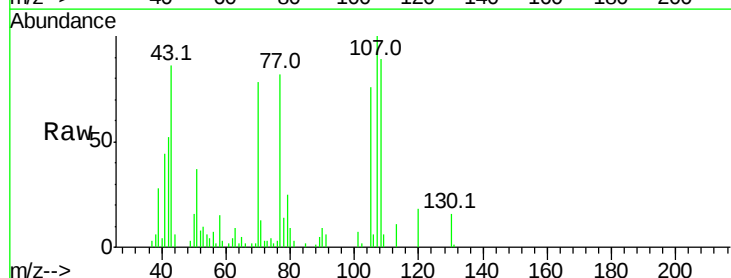
Ion Ratio Lower Upper

107 100

108 88.7 68.2 108.2

77 82.5 26.7 66.7#

79 24.9 6.3 46.3



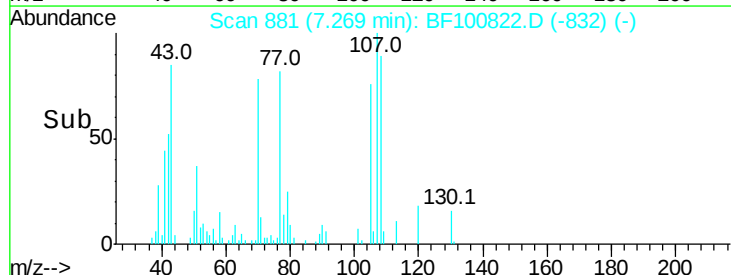
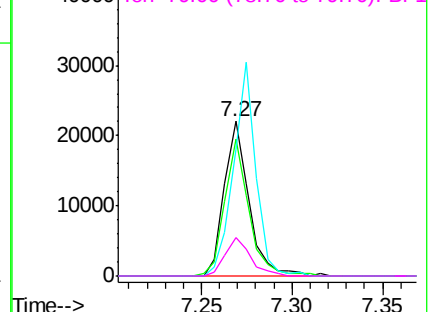
Abundance

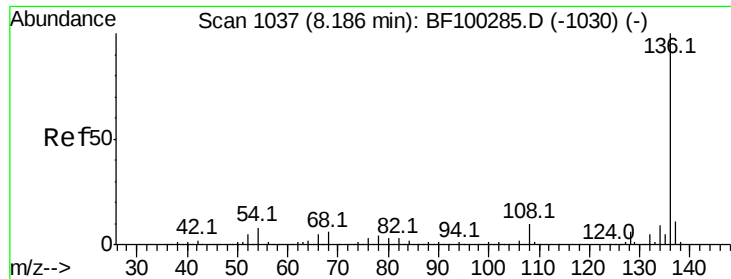
Ion 107.00 (106.70 to 107.70): BF1

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

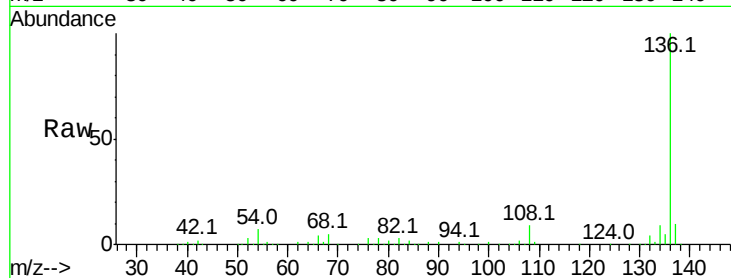




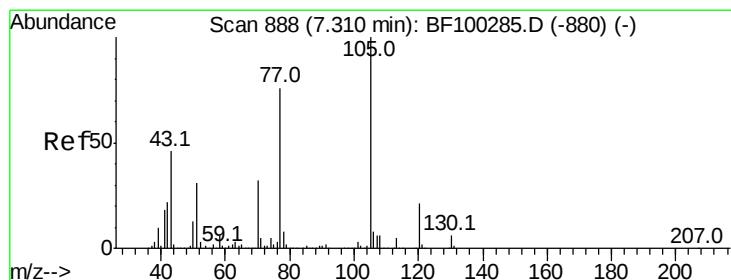
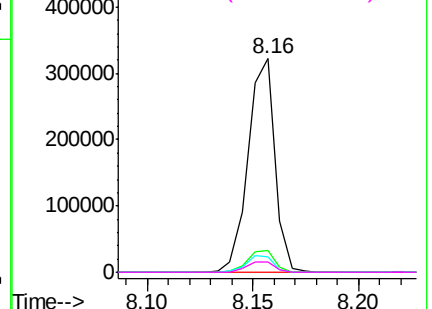
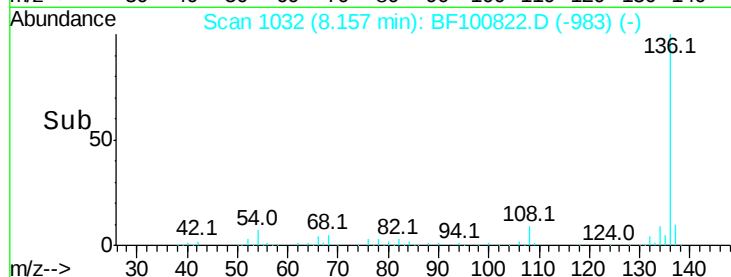
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	283295
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	7.1	6.6	9.8
68	5.0	5.0	7.4

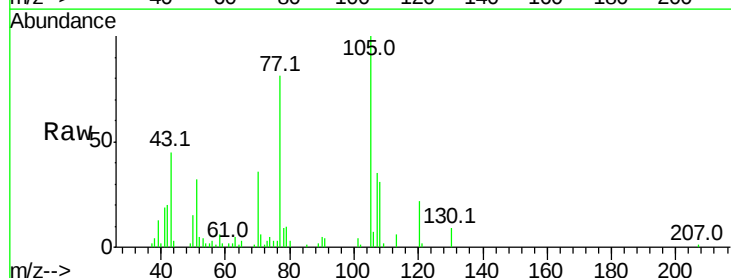


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

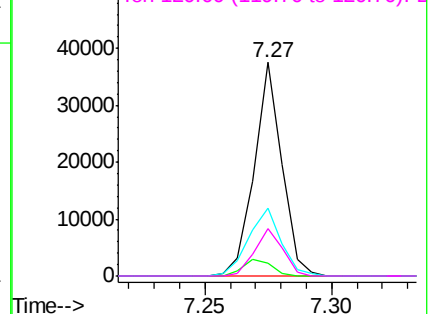
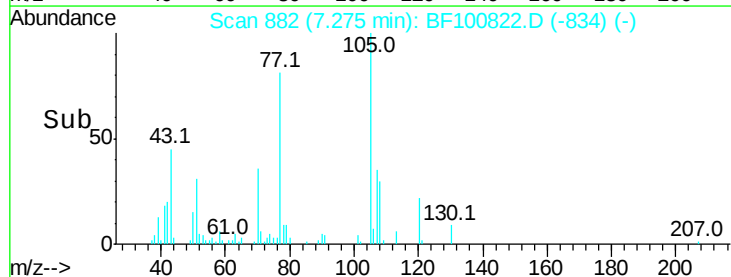


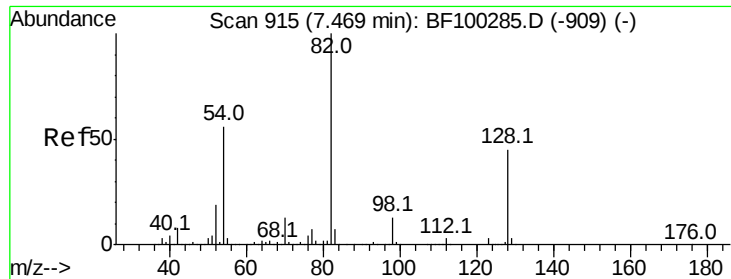
#22
Acetophenone
Concen: 4.147 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:	105	Resp:	28648
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.4	6.6
51	31.6	22.3	33.5
120	22.1	16.9	25.3



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

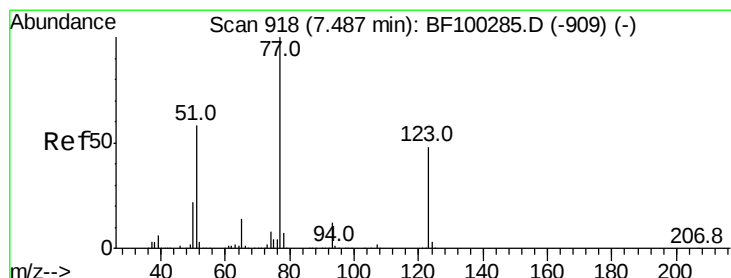
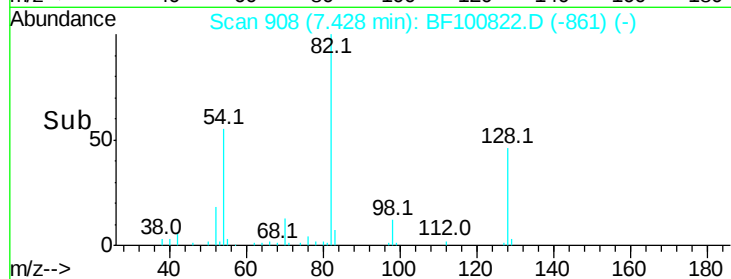
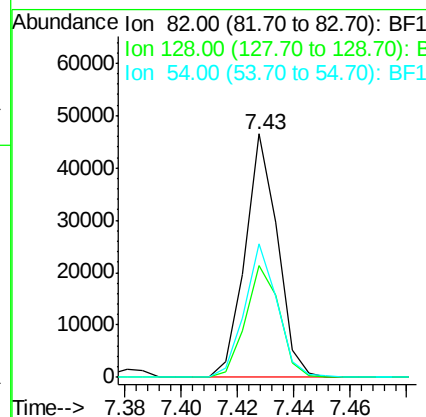
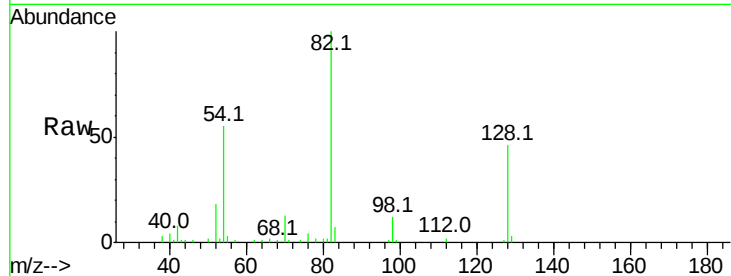




#23
 Nitrobenzene-d5
 Concen: 8.648 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

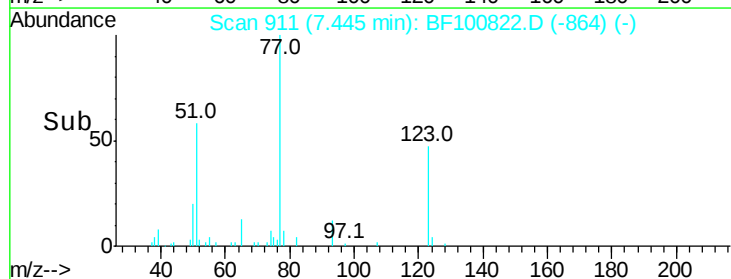
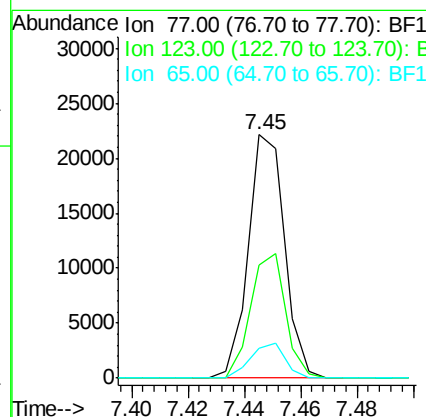
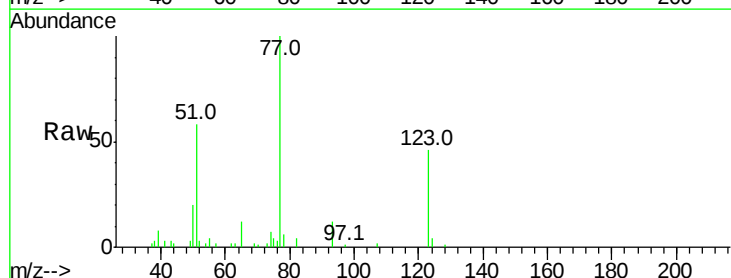
Instrument :
 BNA_F
 ClientSampled :

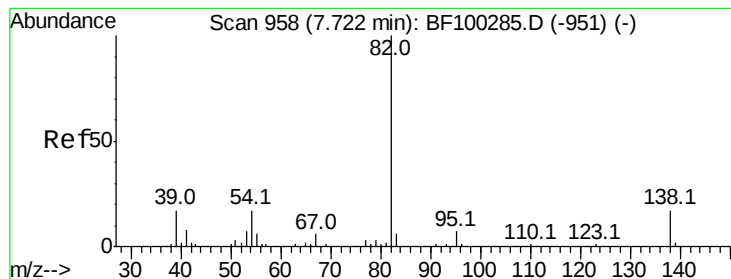
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	55.0	41.4	62.2



#24
 Nitrobenzene
 Concen: 4.480 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.4	37.9	56.9
65	12.4	11.0	16.4





#25

Isophorone

Concen: 3.984 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

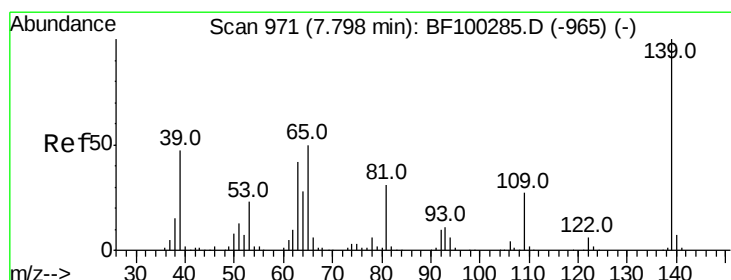
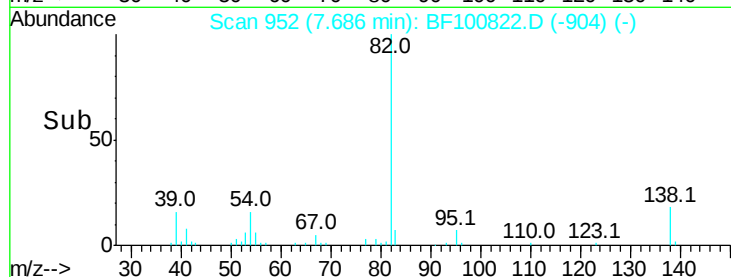
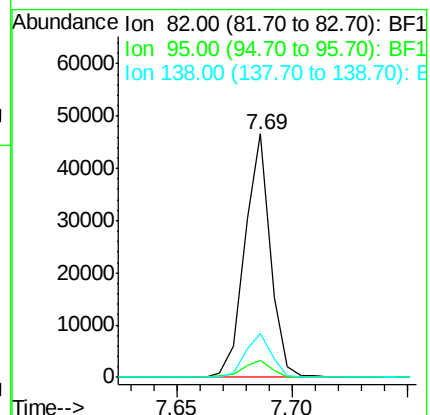
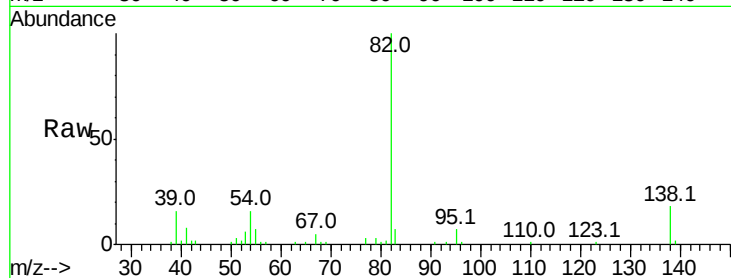
Tot Ion: 82 Resp: 35875

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 9.244 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

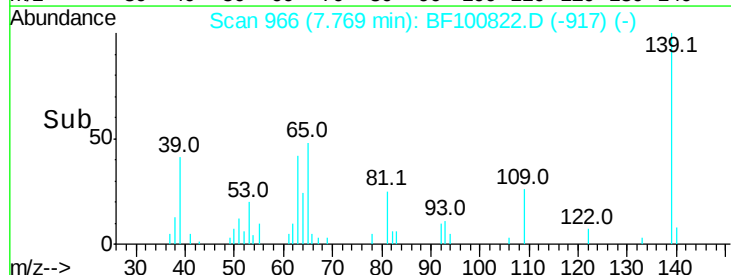
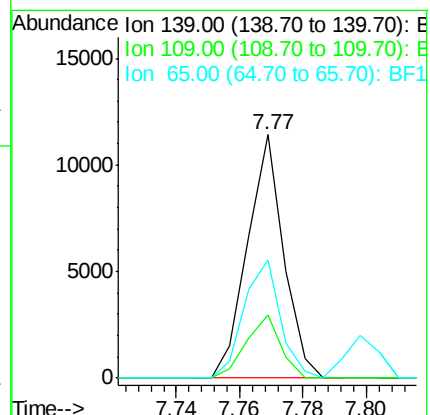
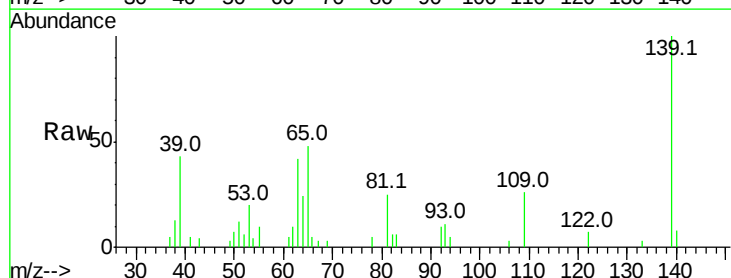
Tgt Ion: 139 Resp: 9002

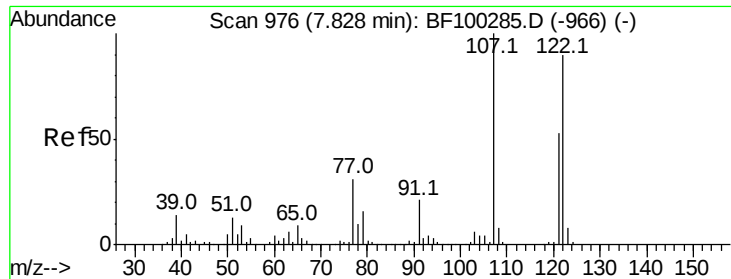
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 48.3 40.5 60.7

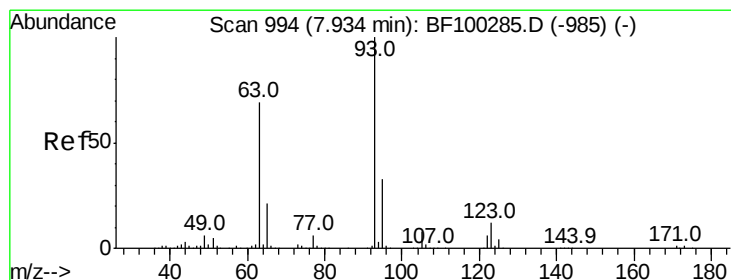
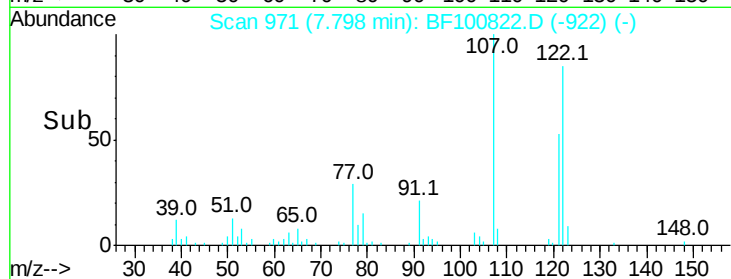
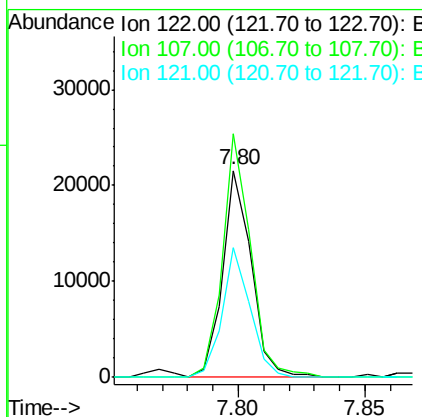
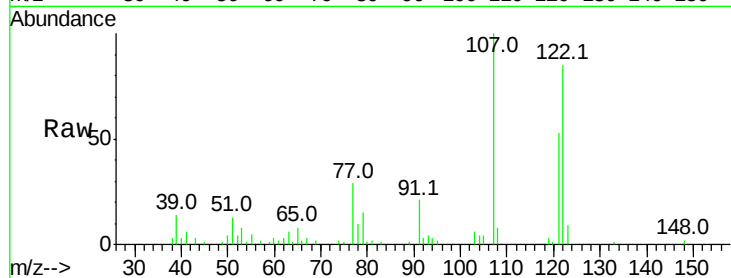




#27
 2,4-Dimethylphenol
 Concen: 4.208 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

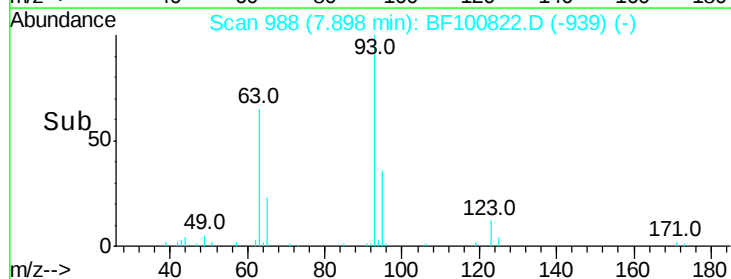
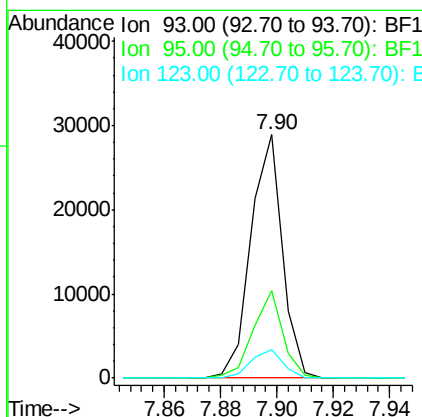
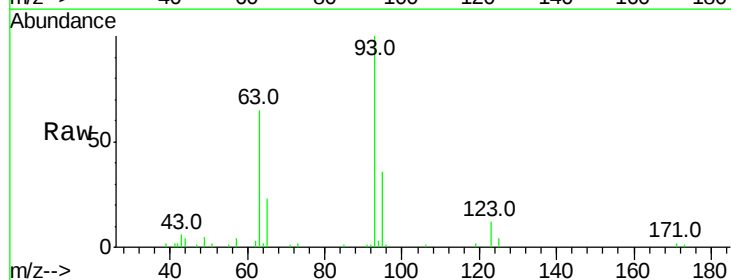
Instrument :
 BNA_F
 ClientSampleId :

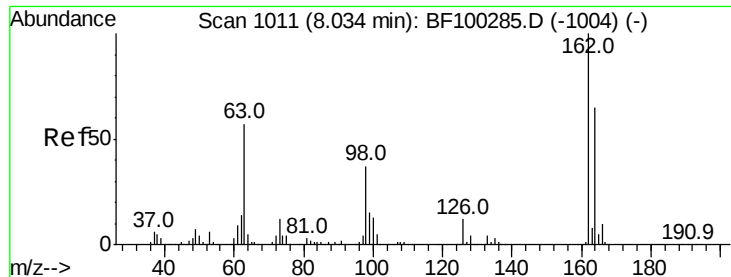
Tot Ion:122 Resp: 16987
 Ion Ratio Lower Upper
 122 100
 107 117.9 91.2 136.8
 121 62.5 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.799 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion: 93 Resp: 22376
 Ion Ratio Lower Upper
 93 100
 95 35.9 26.3 39.5
 123 12.0 9.8 14.6

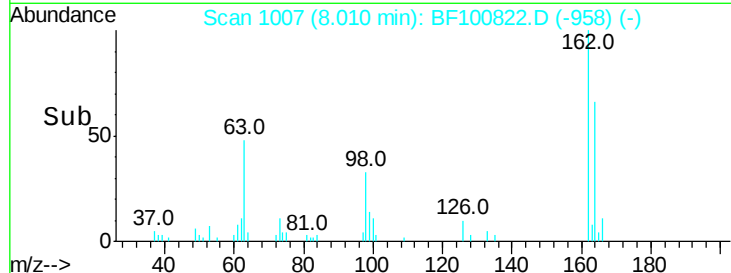
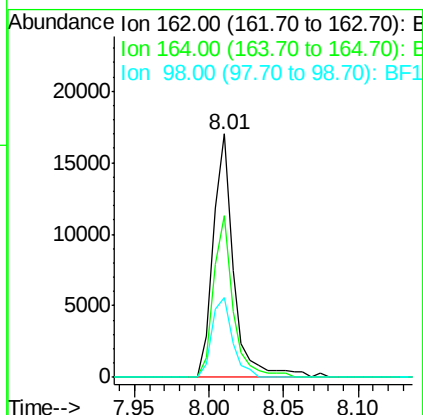
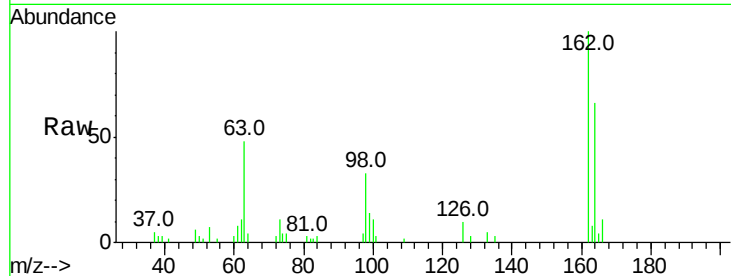




#29
 2,4-Dichlorophenol
 Concen: 4.213 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

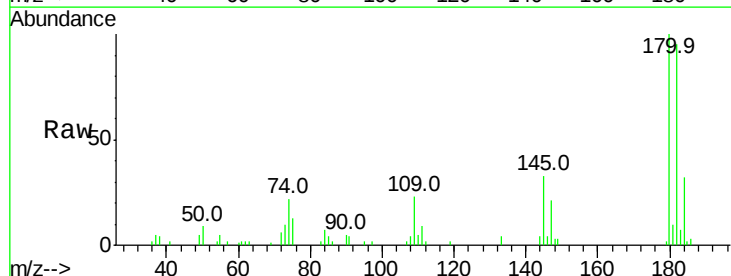
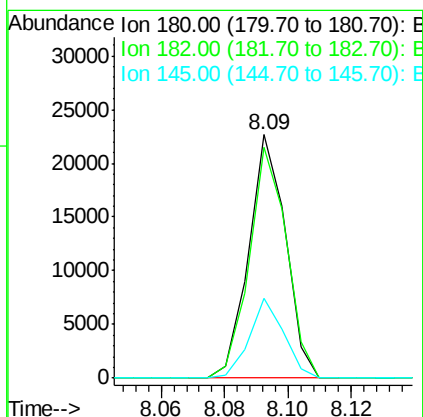
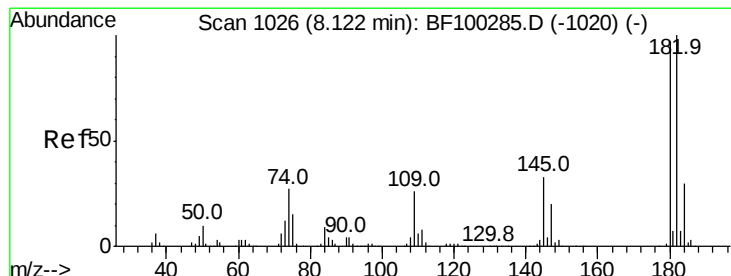
Instrument :
 BNA_F
 ClientSampled :

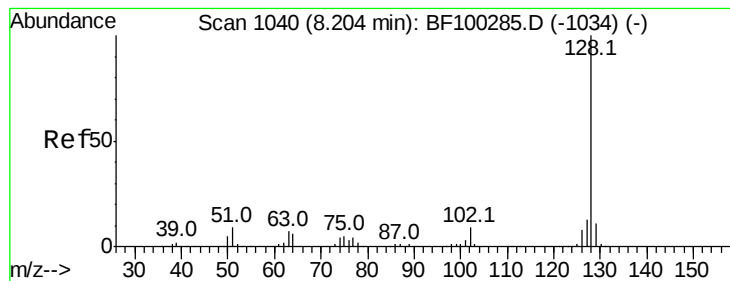
Tot Ion:162 Resp: 16235
 Ion Ratio Lower Upper
 162 100
 164 66.4 42.7 82.7
 98 32.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 4.377 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:180 Resp: 18246
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.8 115.2
 145 32.9 26.5 39.7





#31

Naphthalene

Concen: 4.431 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

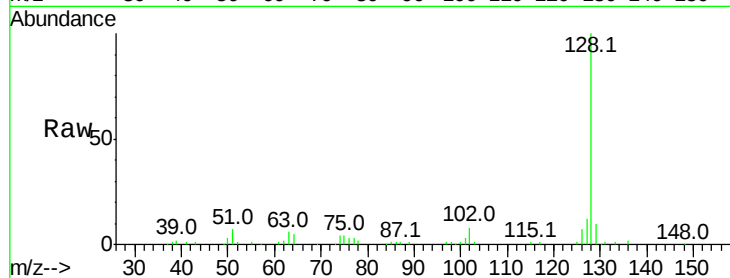
Tot Ion:128 Resp: 60456

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

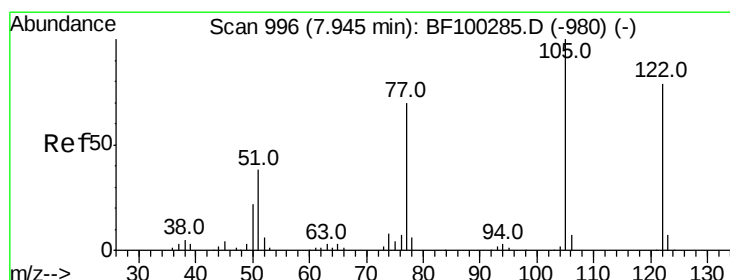
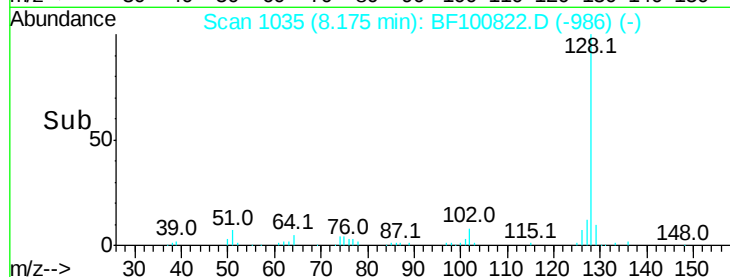
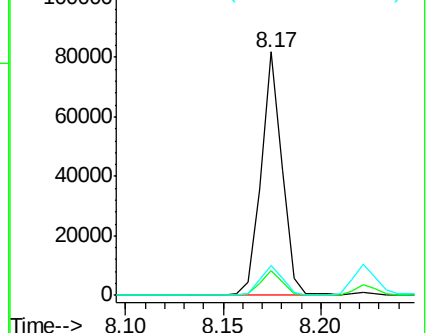
127 12.0 10.9 16.3



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: 9.566 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

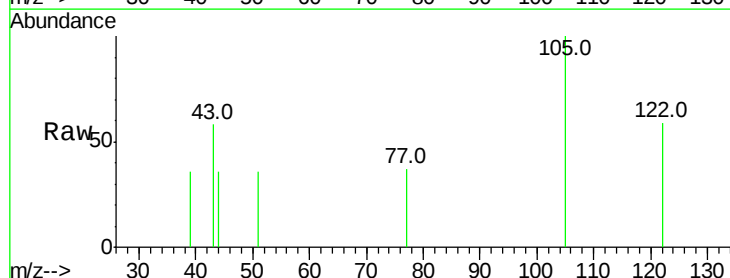
Tgt Ion:122 Resp: 749

Ion Ratio Lower Upper

122 100

105 169.5 101.1 141.1#

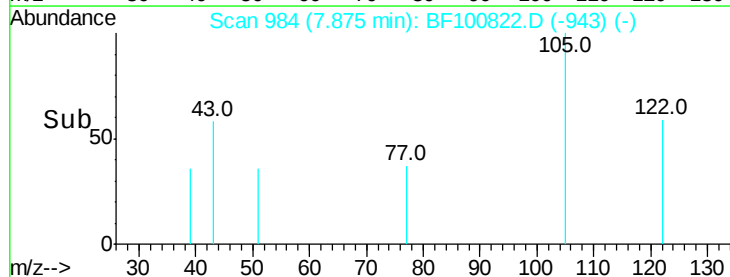
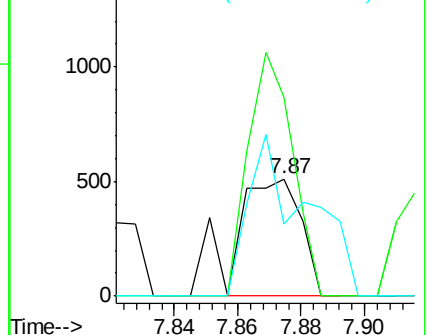
77 62.0 70.7 110.7#

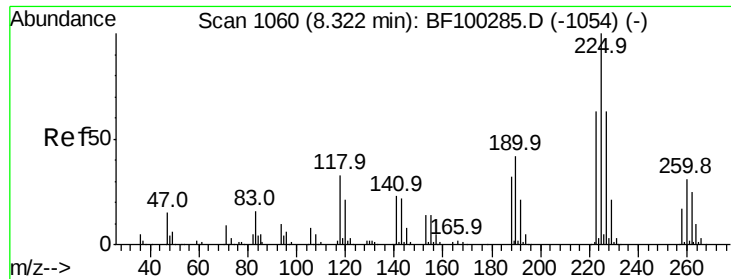


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

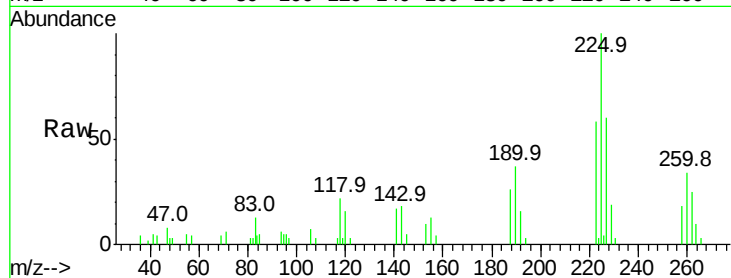




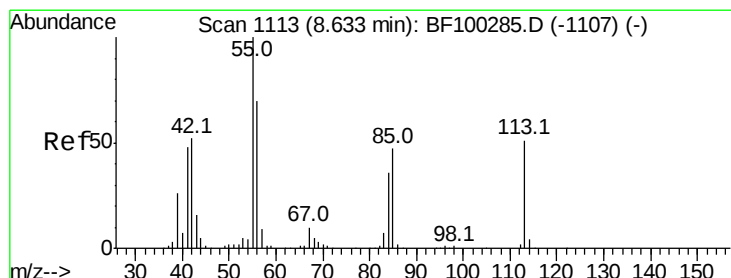
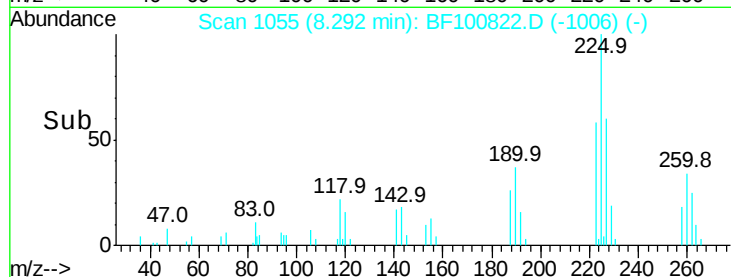
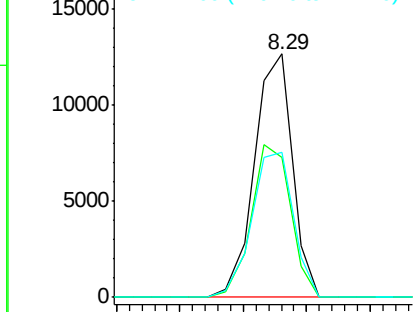
#34
Hexachlorobutadiene
Concen: 4.256 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 10548
Ion Ratio Lower Upper
225 100
223 57.5 50.6 76.0
227 59.6 51.9 77.9

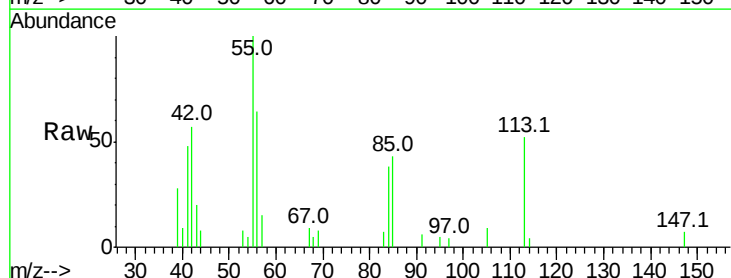


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

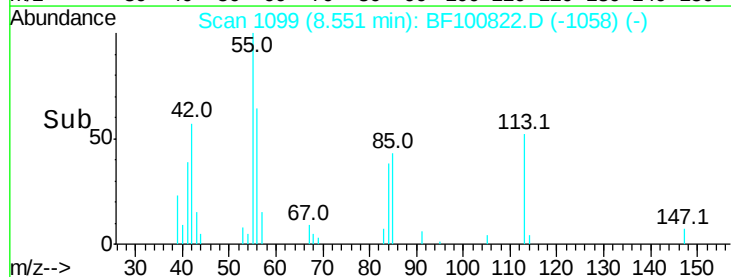
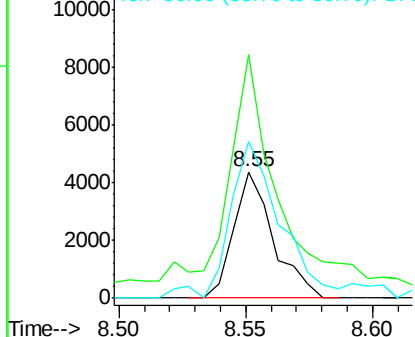


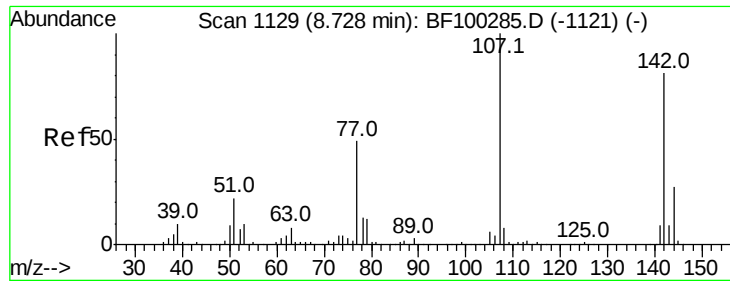
#35
Caprolactam
Concen: 3.574 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:113 Resp: 4727
Ion Ratio Lower Upper
113 100
55 193.2 163.3 203.3
56 124.5 115.7 155.7



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

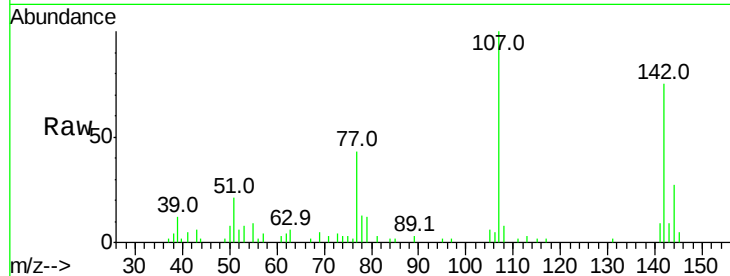




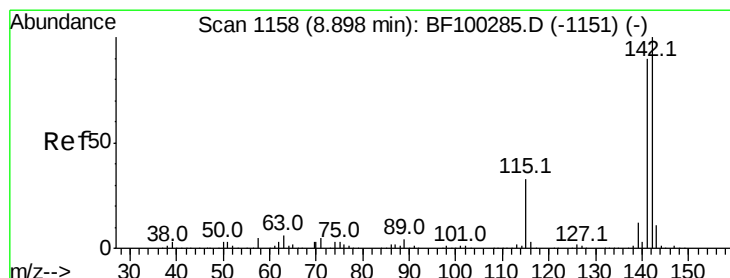
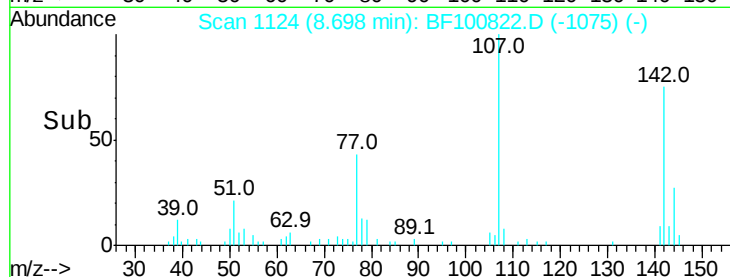
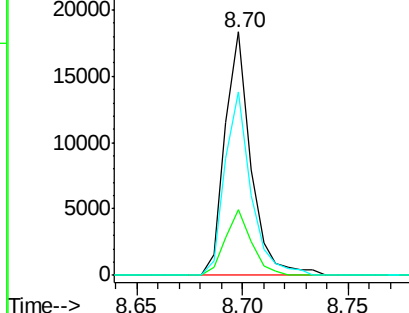
#36
 4-Chloro-3-methylphenol
 Concen: 3.769 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 15599
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 75.5 62.0 93.0

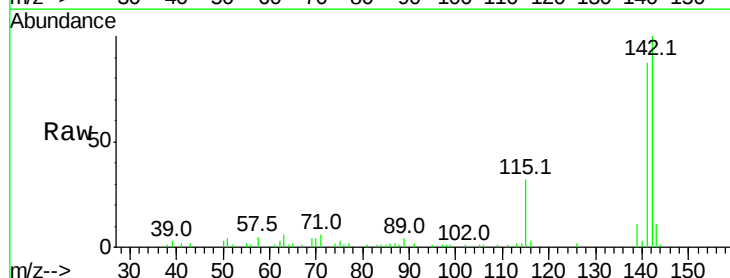


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

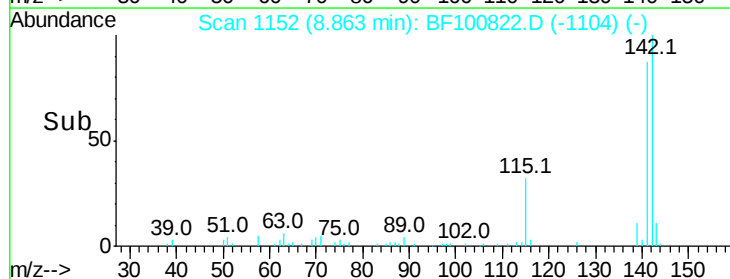
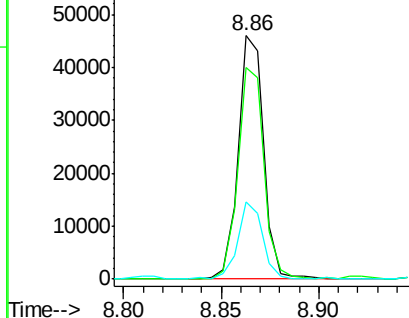


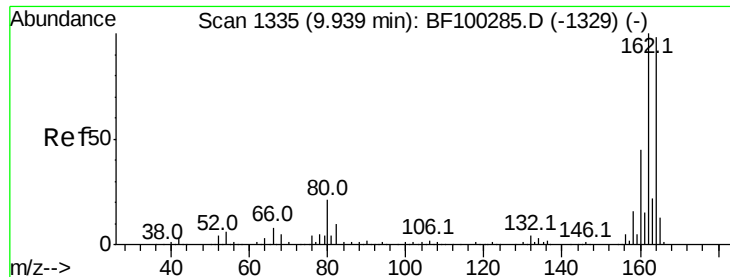
#37
 2-Methylnaphthalene
 Concen: 4.568 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:142 Resp: 41379
 Ion Ratio Lower Upper
 142 100
 141 86.7 70.8 106.2
 115 31.9 26.1 39.1



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

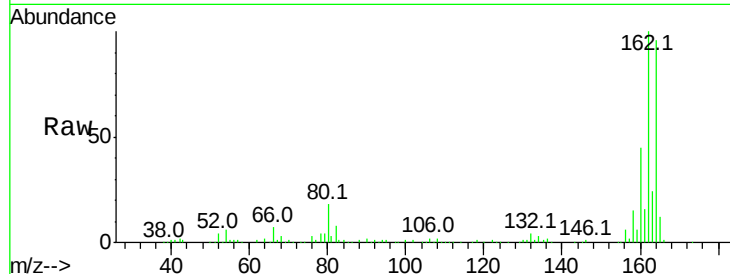




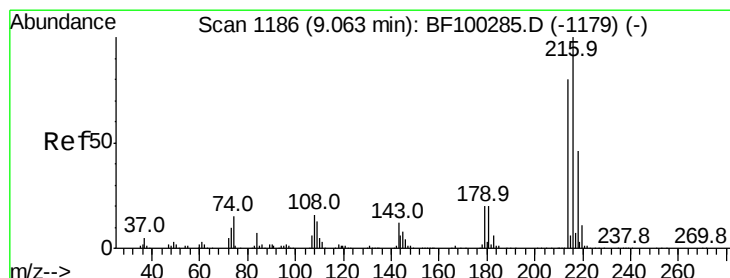
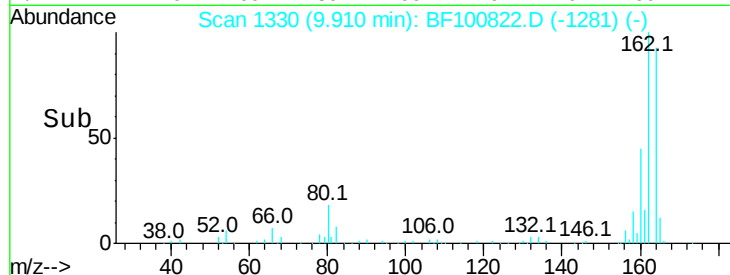
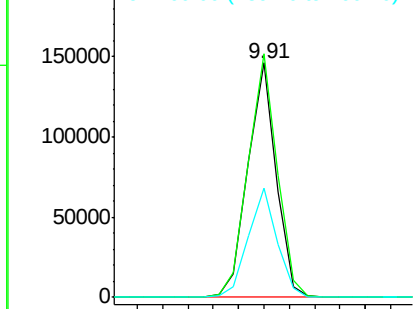
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	46.7	38.3	57.5

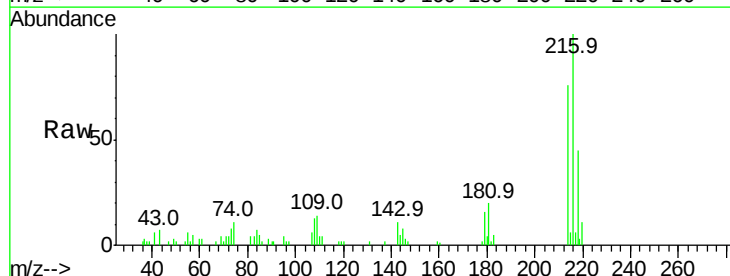


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

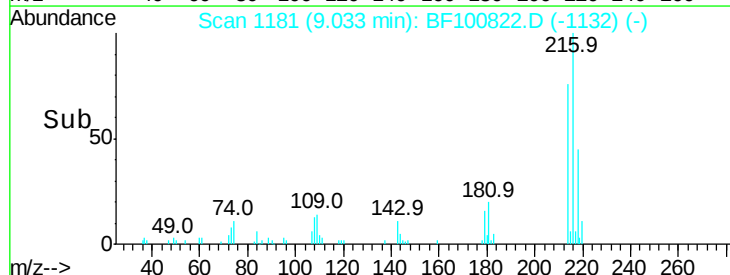
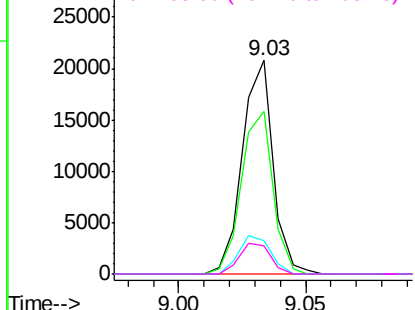


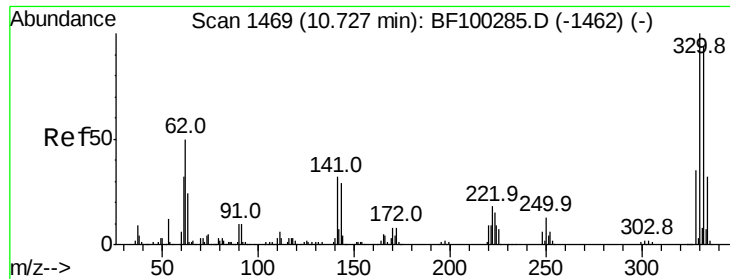
#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.639 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	18.4	18.1	27.1
108	14.7	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

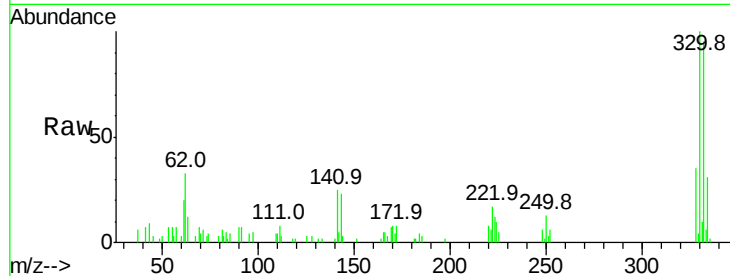




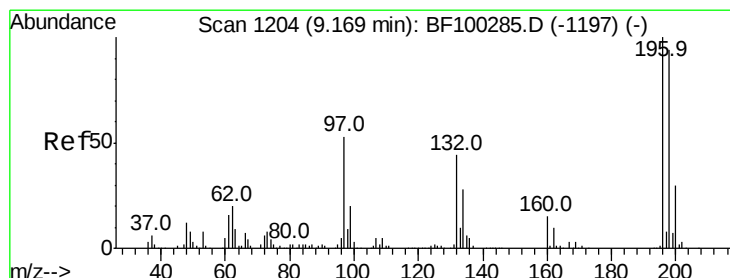
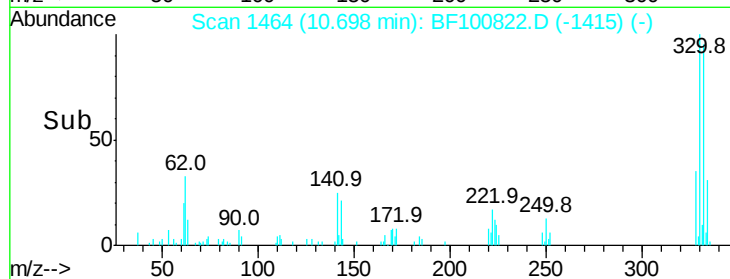
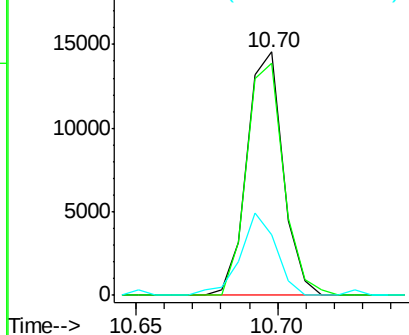
#41
 2,4,6-Tribromophenol
 Concen: 11.155 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	33.6	29.9	44.9

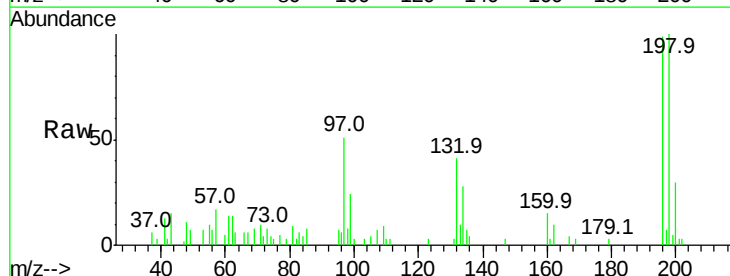


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

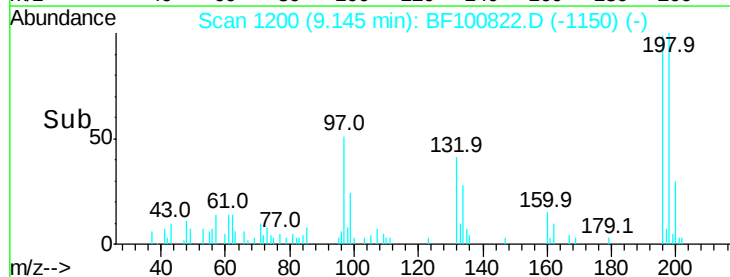
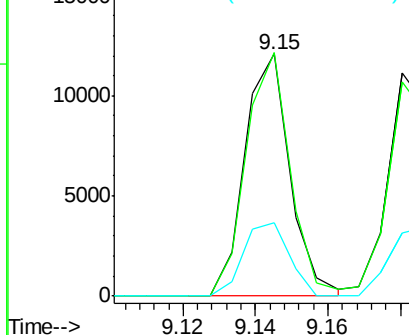


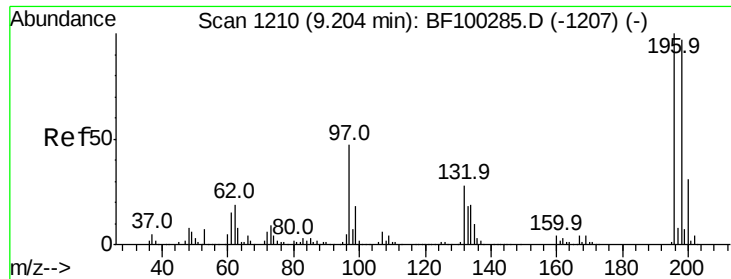
#42
 2,4,6-Trichlorophenol
 Concen: 4.373 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.6	75.7	113.5
200	30.3	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

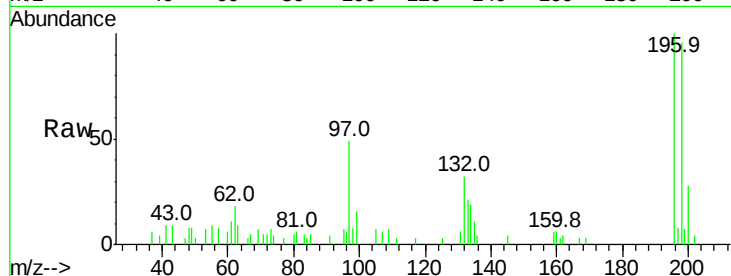




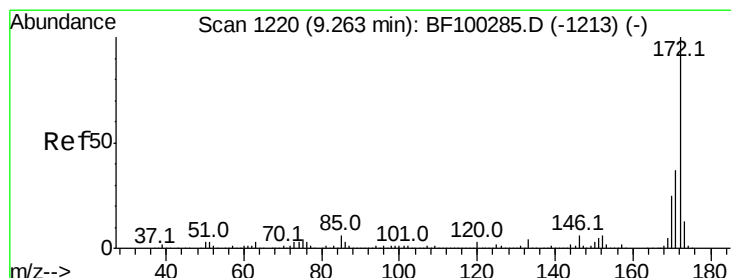
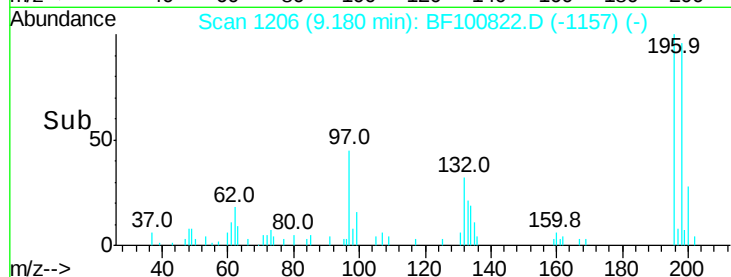
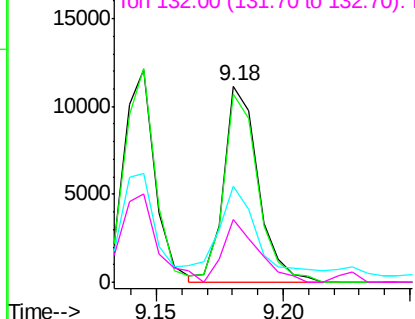
#43
 2,4,5-Trichlorophenol
 Concen: 4.277 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	10570
Ion	Ratio	Lower	Upper
196	100		
198	95.9	74.6	112.0
97	48.8	42.9	64.3
132	31.9	26.3	39.5

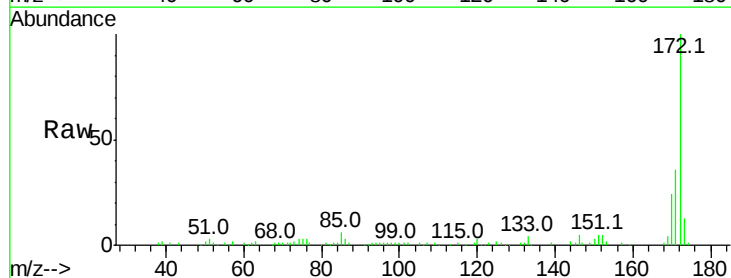


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

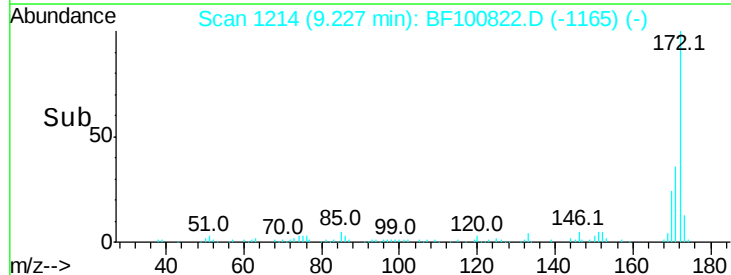
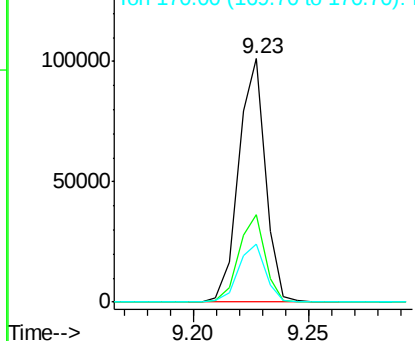


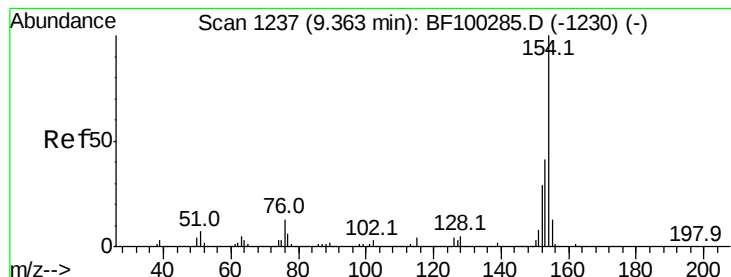
#44
 2-Fluorobiphenyl
 Concen: 11.001 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:	172	Resp:	81989
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.6	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: 4.643 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

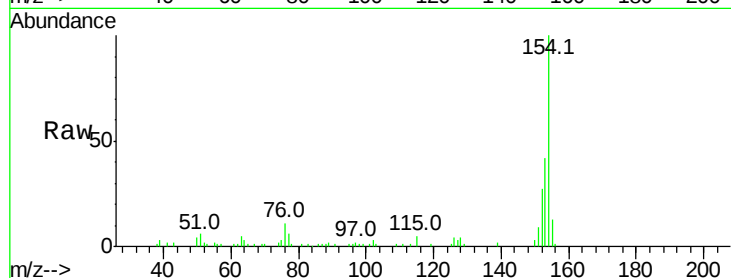
Tot Ion:154 Resp: 45574

Ion Ratio Lower Upper

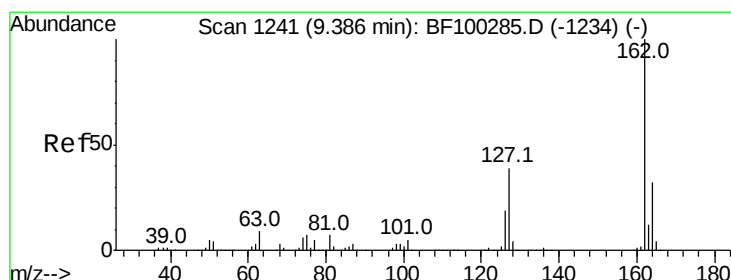
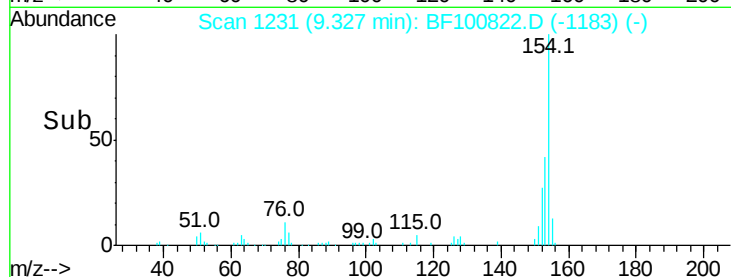
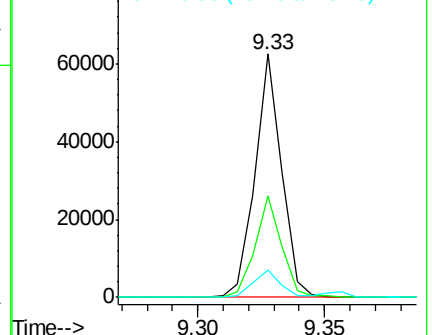
154 100

153 41.7 21.3 61.3

76 11.0 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: 4.823 ng

RT: 9.36 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

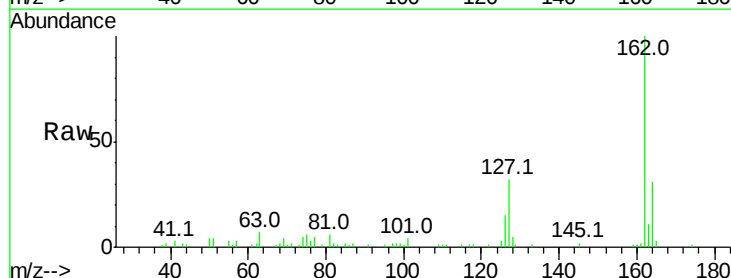
Tgt Ion:162 Resp: 34340

Ion Ratio Lower Upper

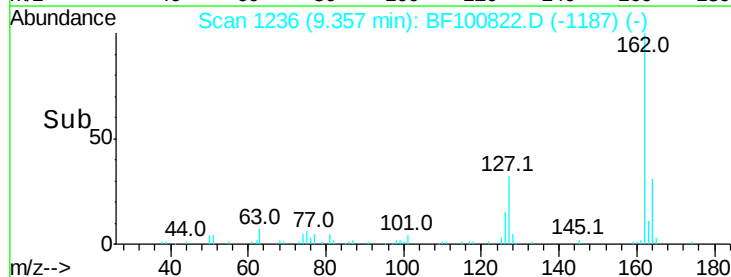
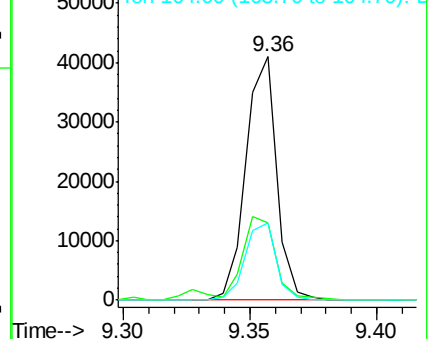
162 100

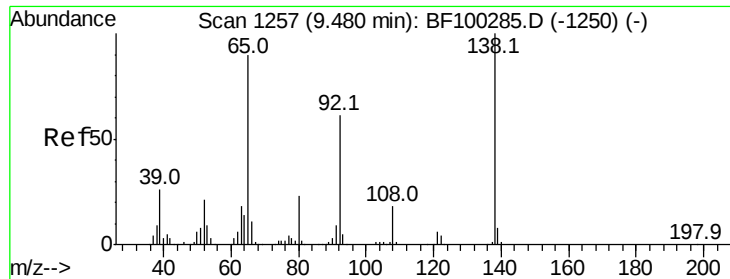
127 31.7 33.9 50.9#

164 31.5 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

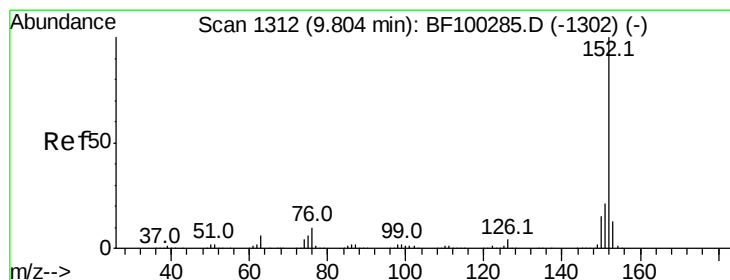
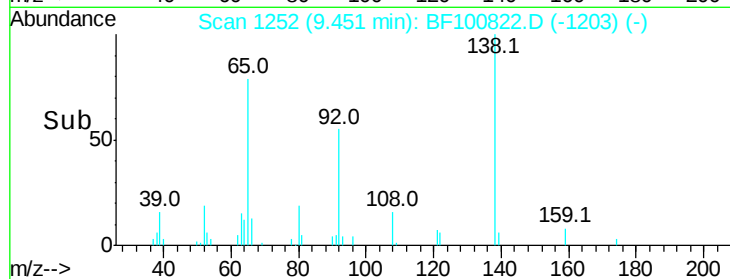
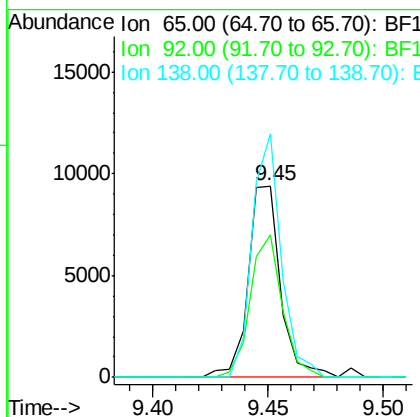
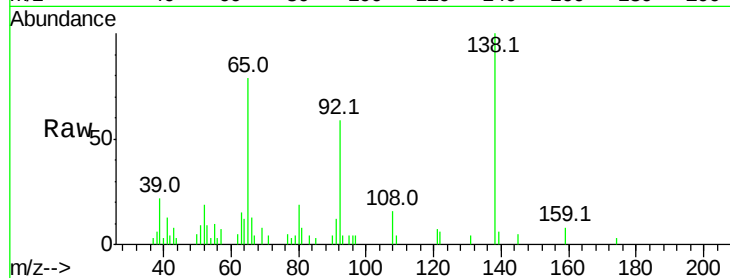




#47
2-Nitroaniline
Concen: 6.938 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

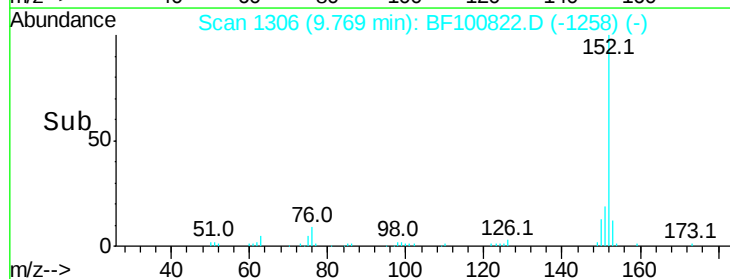
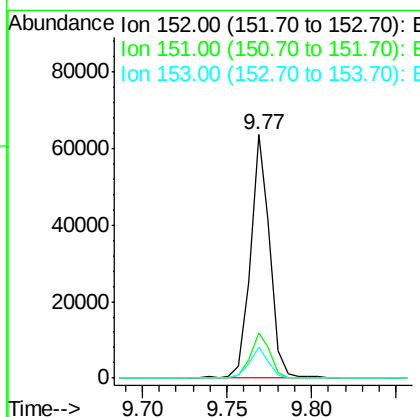
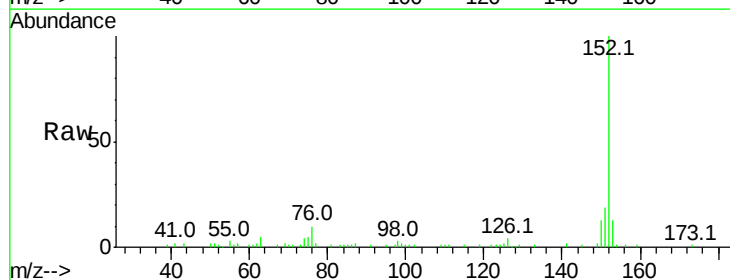
Instrument :
BNA_F
ClientSampleId :

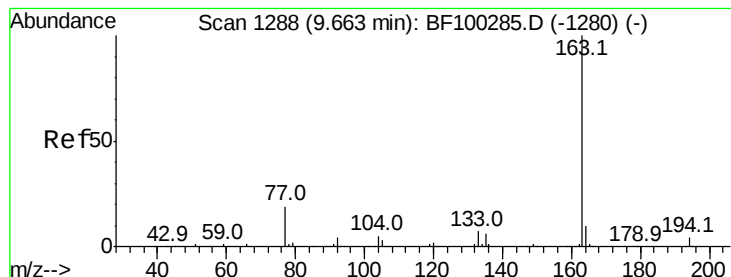
Tot Ion: 65 Resp: 9278
Ion Ratio Lower Upper
65 100
92 74.6 55.8 83.6
138 127.1 91.2 136.8



#48
Acenaphthylene
Concen: 4.288 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion: 152 Resp: 50603
Ion Ratio Lower Upper
152 100
151 18.8 16.3 24.5
153 12.8 10.7 16.1





#49

Dimethylphthalate

Concen: 4.940 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

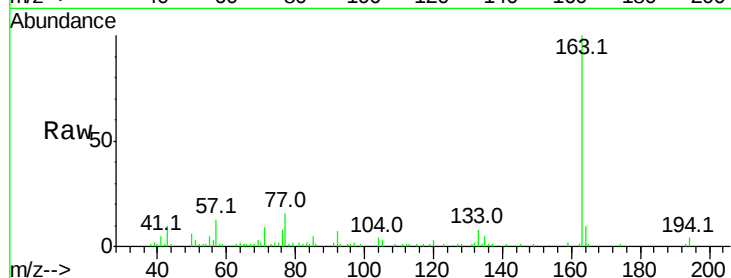
Tot Ion:163 Resp: 42804

Ion Ratio Lower Upper

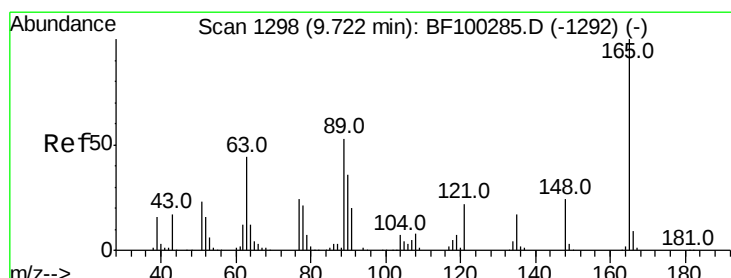
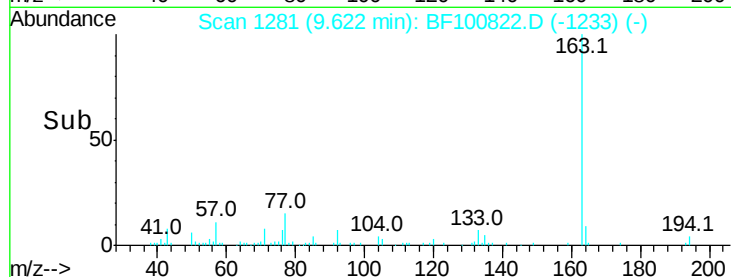
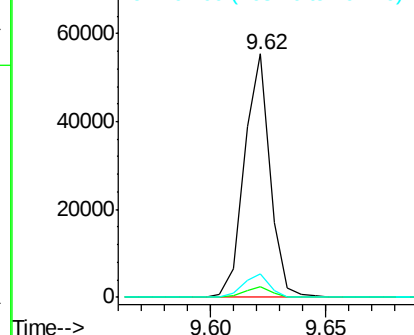
163 100

194 4.3 2.7 4.1#

164 9.5 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: 4.380 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

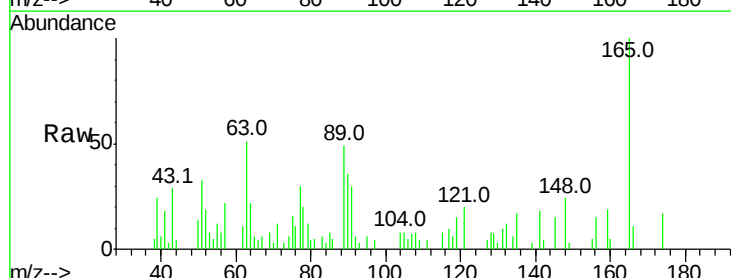
Tgt Ion:165 Resp: 7512

Ion Ratio Lower Upper

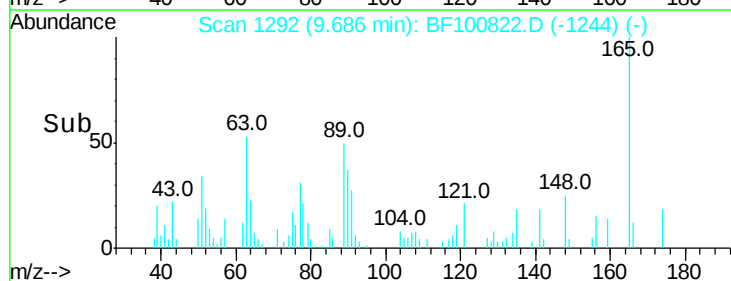
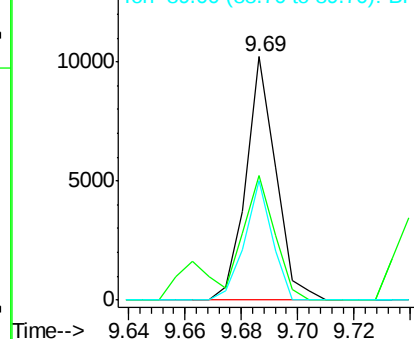
165 100

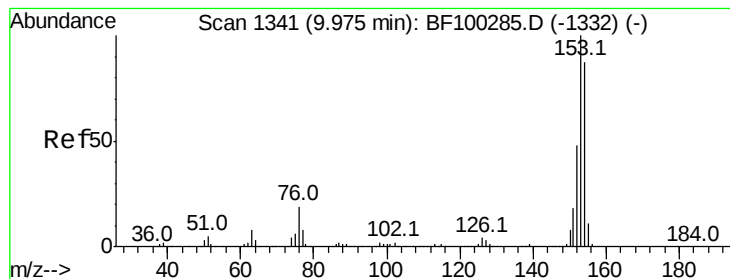
63 51.1 44.7 67.1

89 48.9 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: 4.088 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampled :

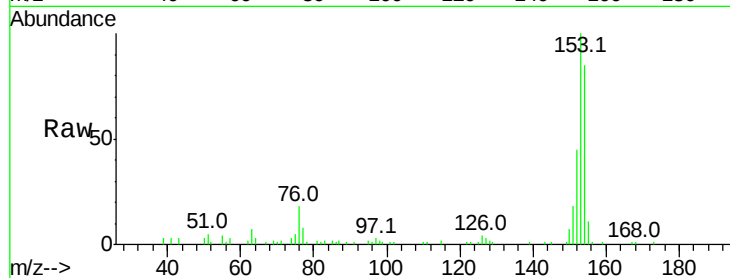
Tot Ion:154 Resp: 29340

Ion Ratio Lower Upper

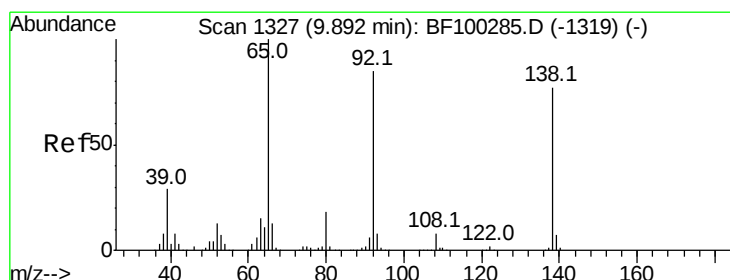
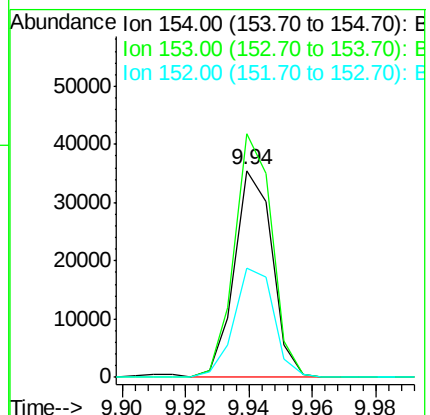
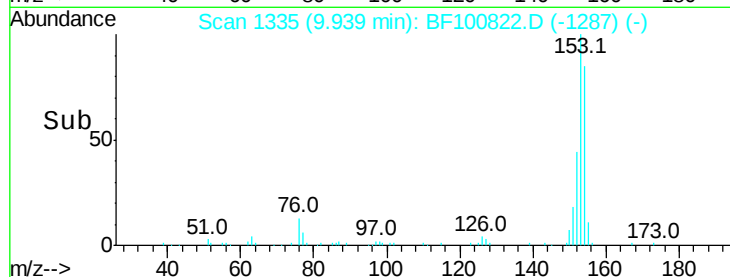
154 100

153 117.6 91.2 136.8

152 52.8 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: 3.101 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

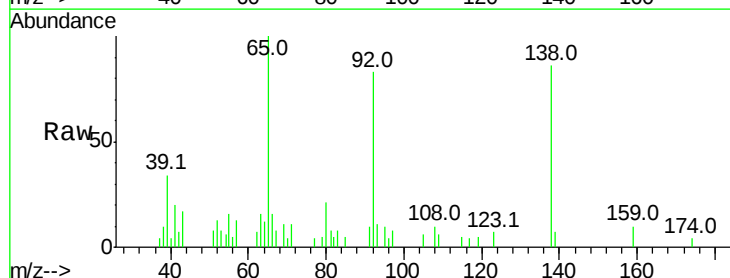
Tgt Ion:138 Resp: 6281

Ion Ratio Lower Upper

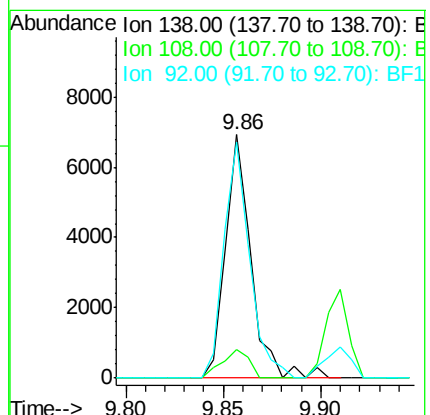
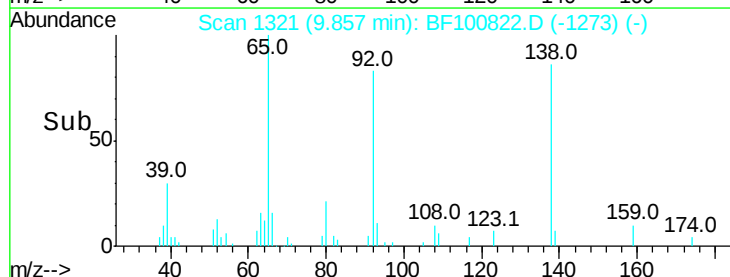
138 100

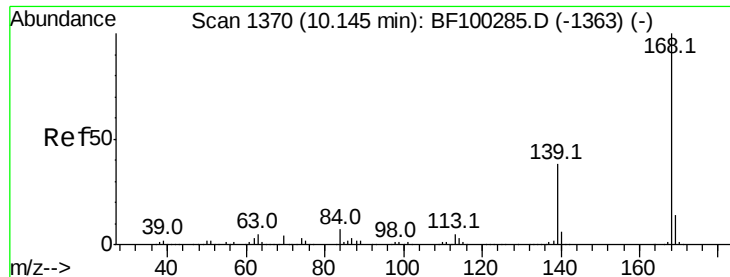
108 11.6 9.4 14.0

92 96.9 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

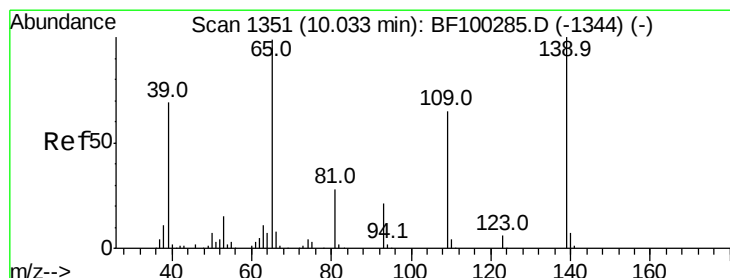
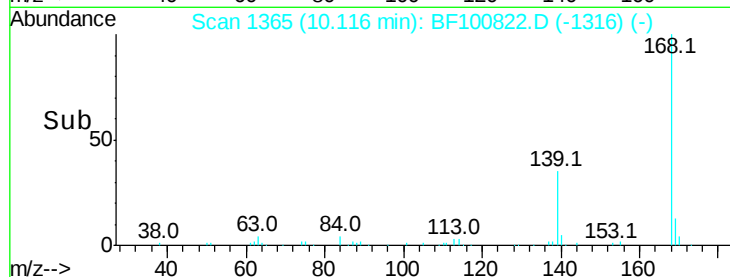
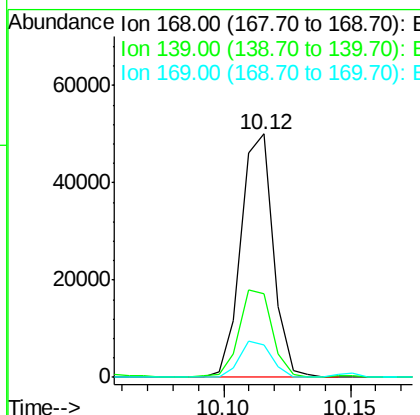
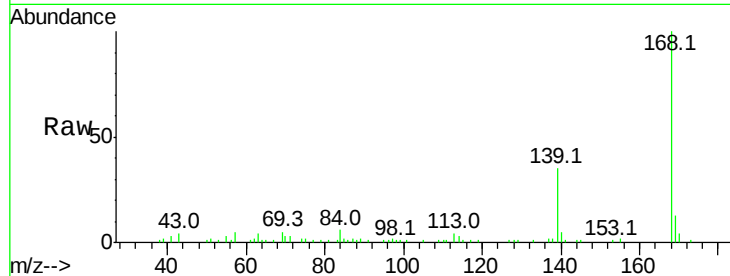




#54
Dibenzenofuran
Concen: 4.414 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

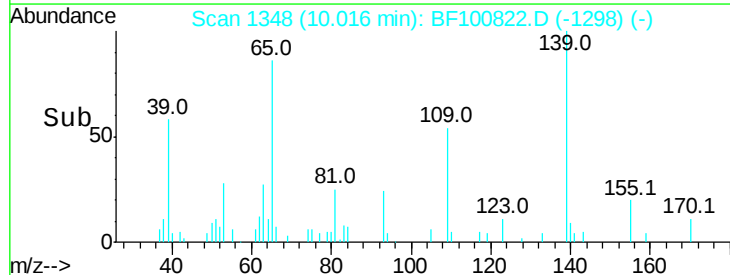
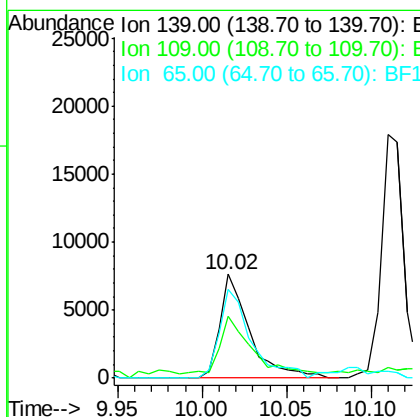
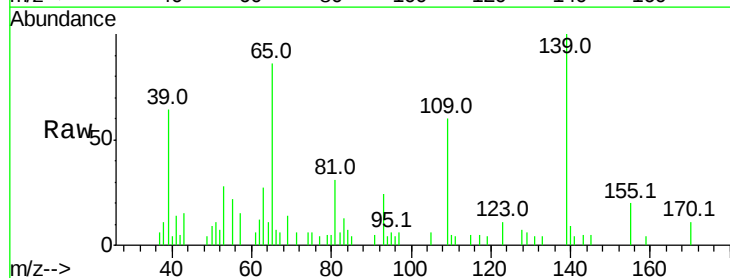
Instrument :
BNA_F
ClientSampleId :

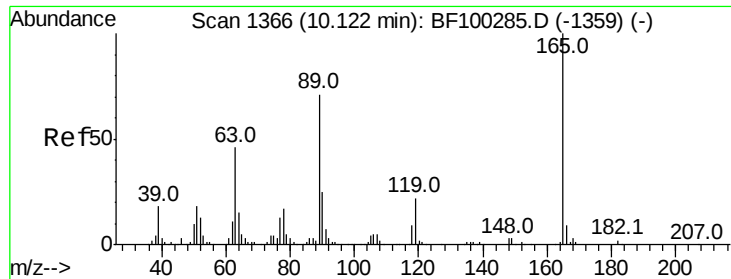
Tot Ion:168 Resp: 44403
Ion Ratio Lower Upper
168 100
139 34.6 30.1 45.1
169 13.5 10.9 16.3



#55
4-Nitrophenol
Concen: 5.709 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:139 Resp: 9388
Ion Ratio Lower Upper
139 100
109 59.7 48.4 88.4
65 86.0 72.6 112.6

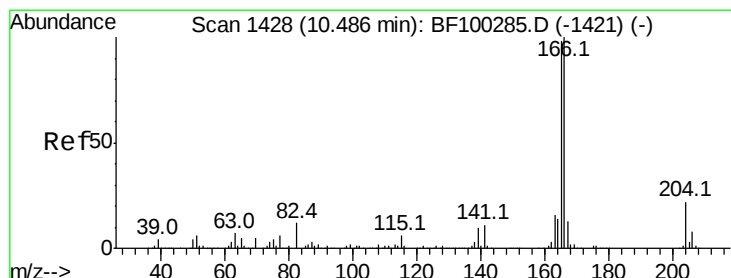
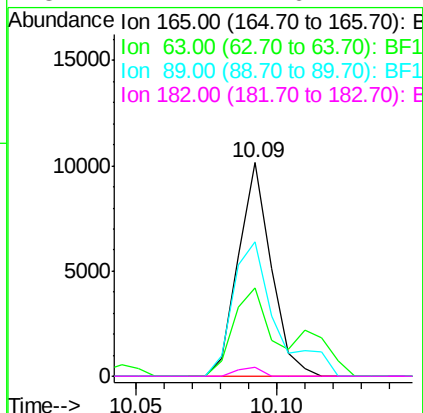
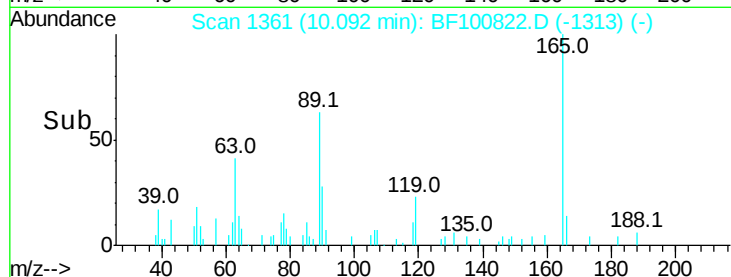
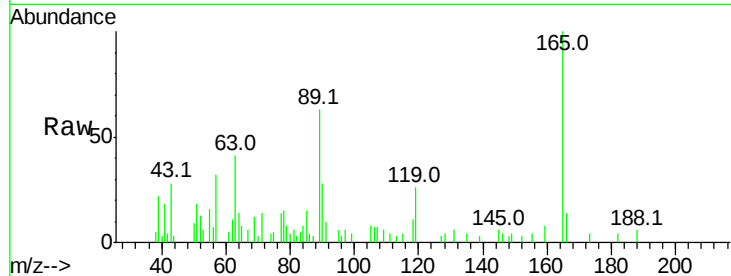




#56
2,4-Dinitrotoluene
Concen: 3.803 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

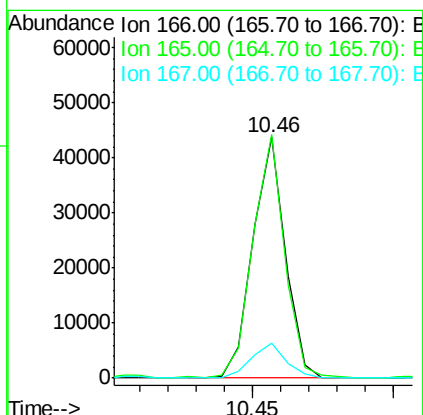
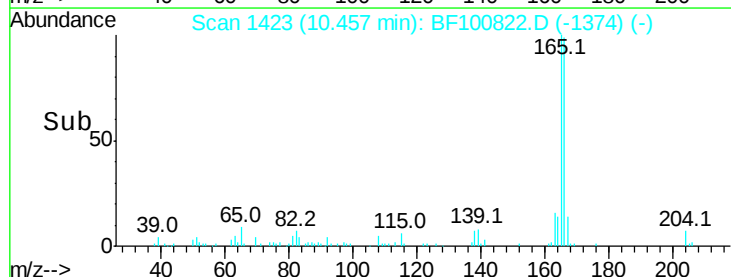
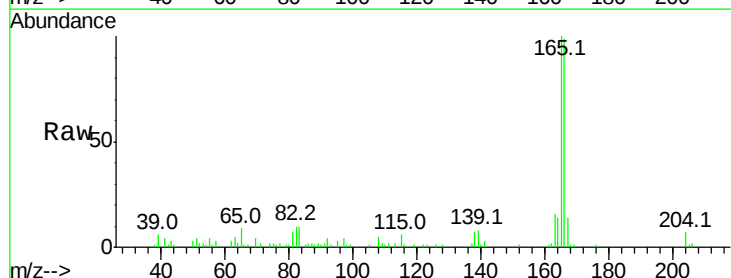
Instrument :
BNA_F
ClientSampled :

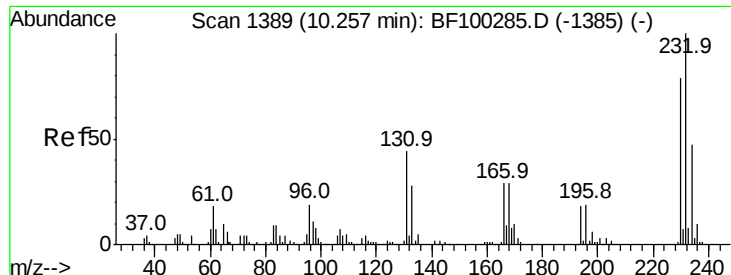
Tot Ion:165 Resp: 8229
Ion Ratio Lower Upper
165 100
63 41.2 36.4 54.6
89 63.0 57.8 86.6
182 4.1 1.6 2.4#



#57
Fluorene
Concen: 4.724 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:166 Resp: 34810
Ion Ratio Lower Upper
166 100
165 101.0 79.8 119.8
167 14.4 10.6 16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 3.634 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 7361

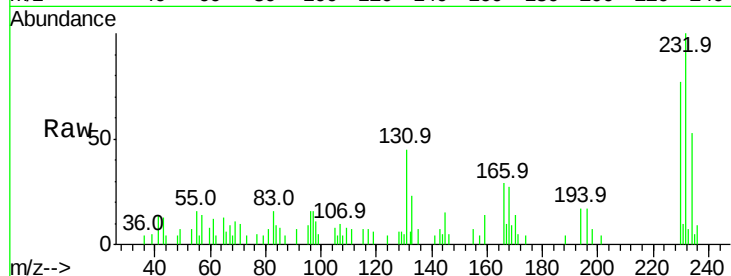
Ion Ratio Lower Upper

232 100

131 58.4 43.8 65.8

130 3.4 2.1 3.1#

166 32.0 27.8 41.6

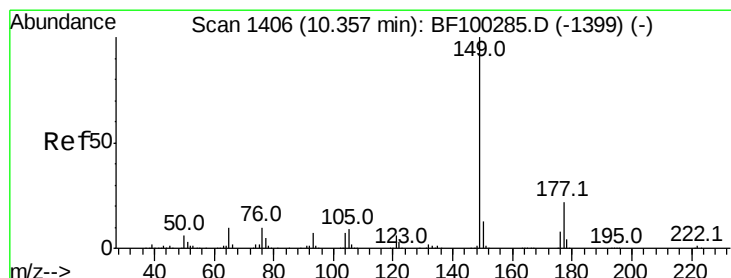
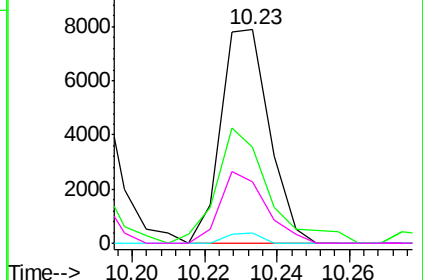
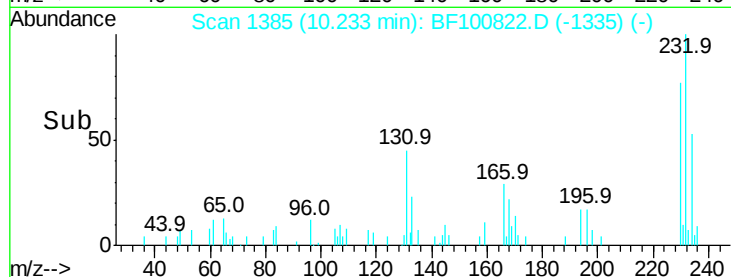


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 4.205 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

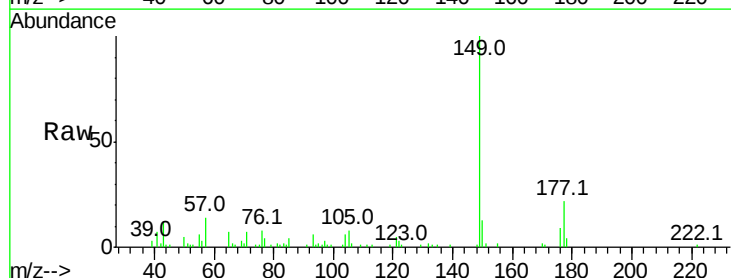
Tgt Ion:149 Resp: 36464

Ion Ratio Lower Upper

149 100

177 22.4 16.1 24.1

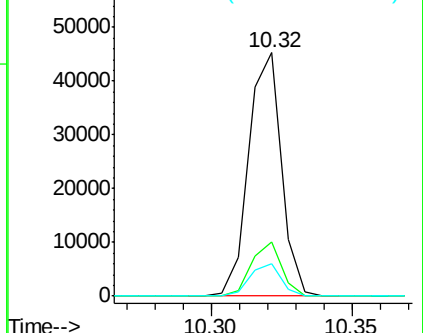
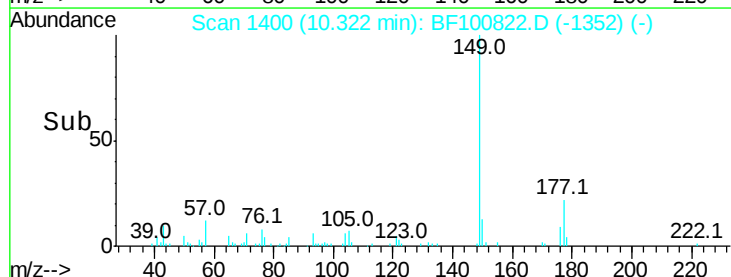
150 13.1 10.1 15.1

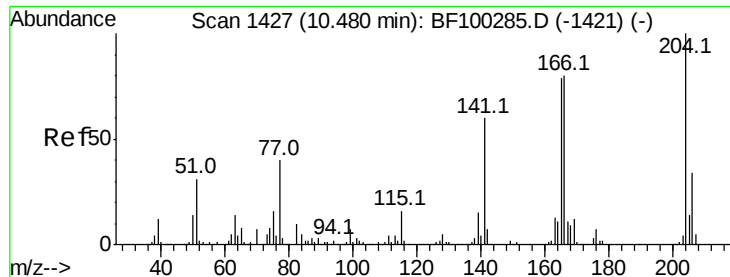


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

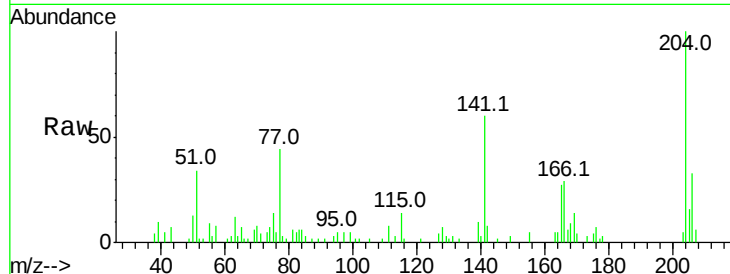




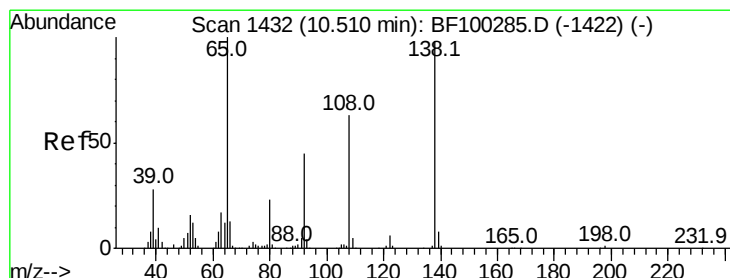
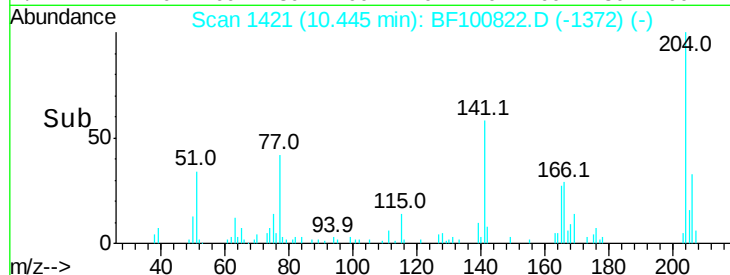
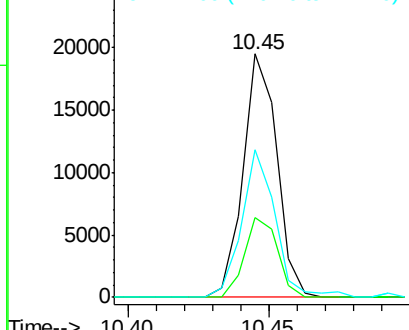
#60
 4-Chlorophenyl-phenylether
 Concen: 4.479 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 16192
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.5 39.7
 141 60.4 54.6 81.8

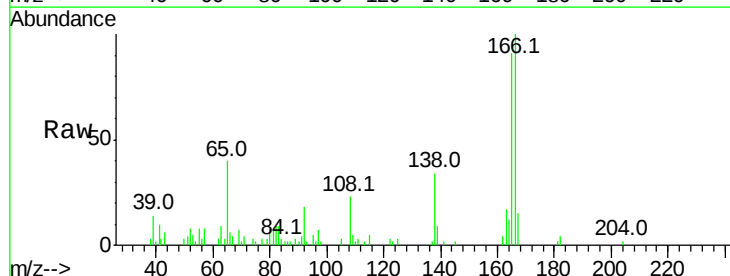


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

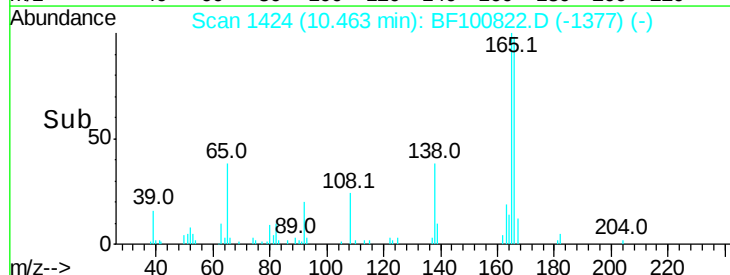
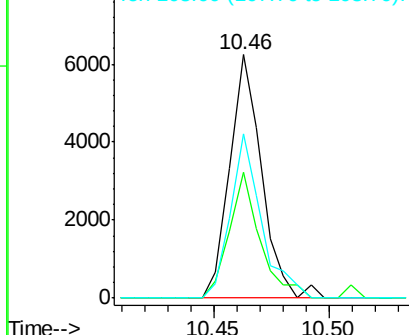


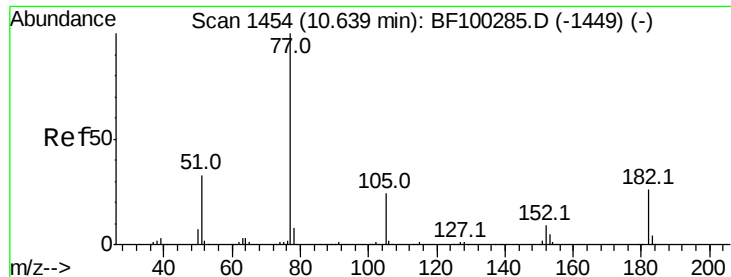
#61
 4-Nitroaniline
 Concen: 3.126 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:138 Resp: 6004
 Ion Ratio Lower Upper
 138 100
 92 51.6 30.2 70.2
 108 67.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 3.617 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 29539

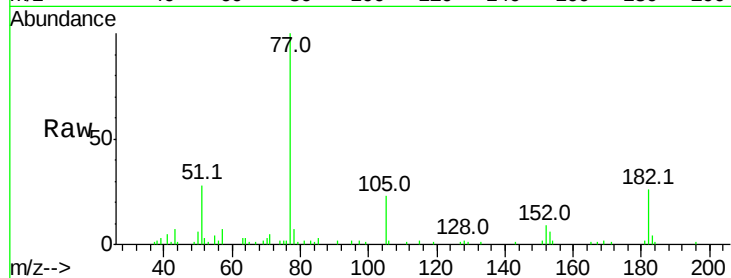
Ion Ratio Lower Upper

77 100

182 26.5 1.7 41.7

105 22.7 3.0 43.0

51 27.5 9.9 49.9

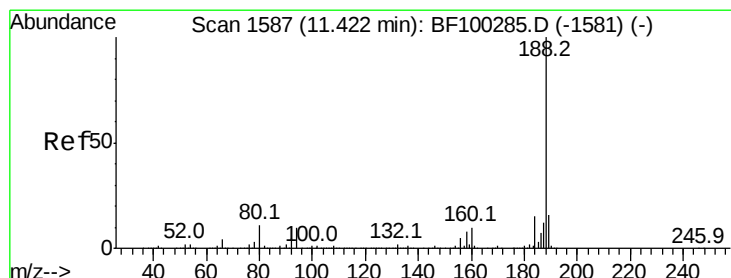
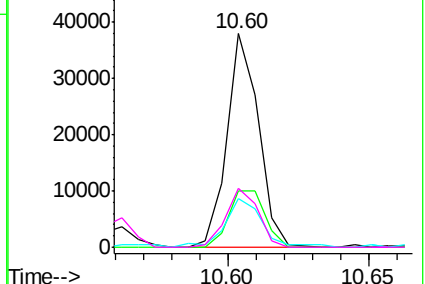
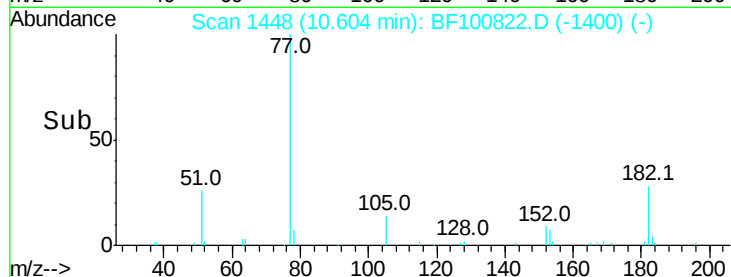


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

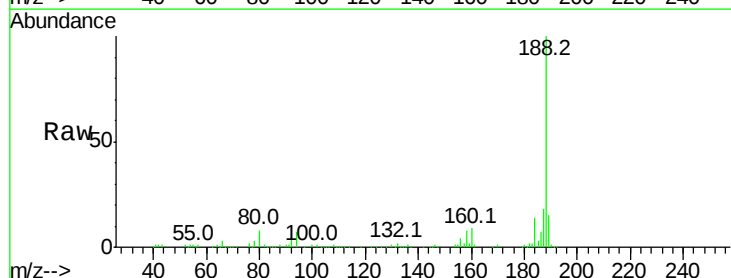
Tgt Ion: 188 Resp: 179808

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

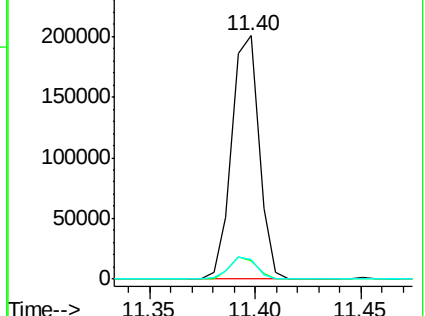
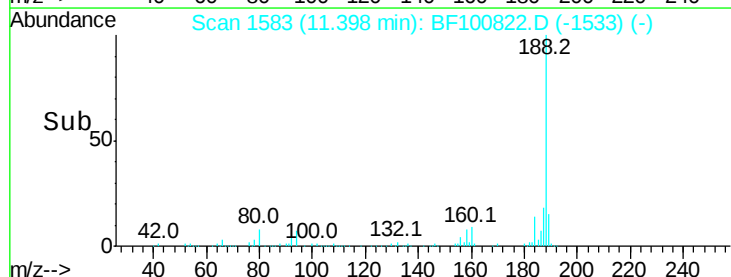
80 8.0 9.2 13.8#

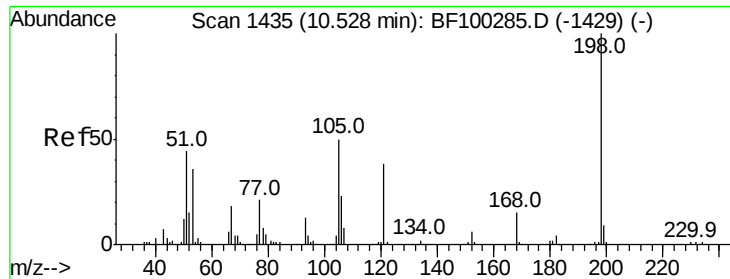


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

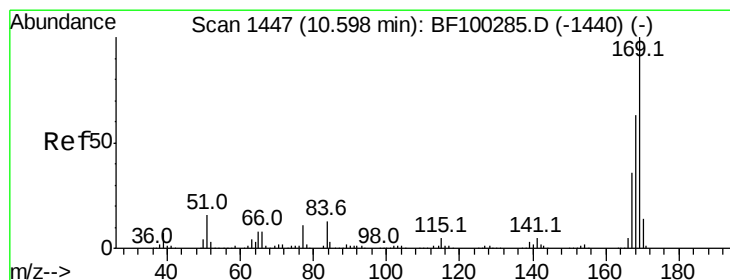
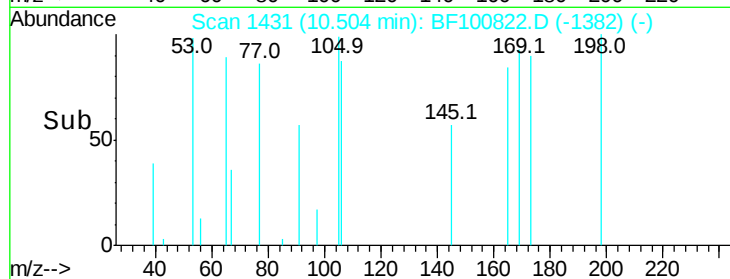
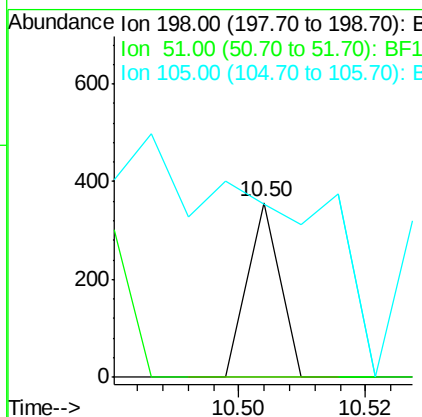
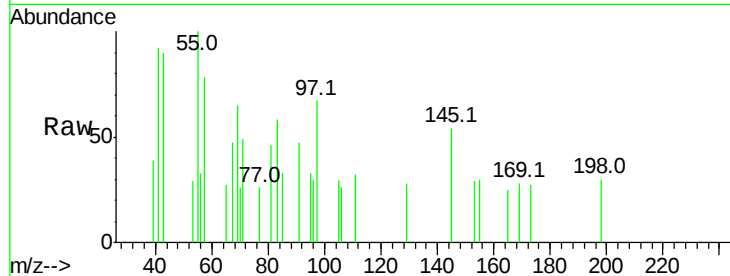




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.684 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

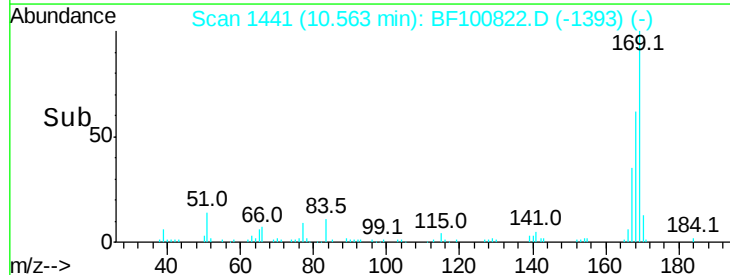
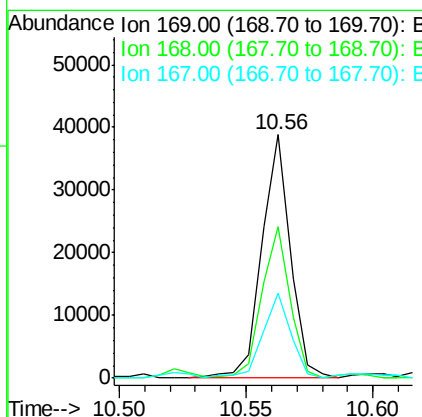
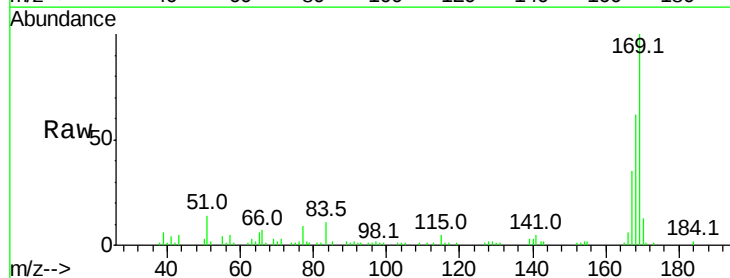
Instrument :
 BNA_F
 ClientSampled :

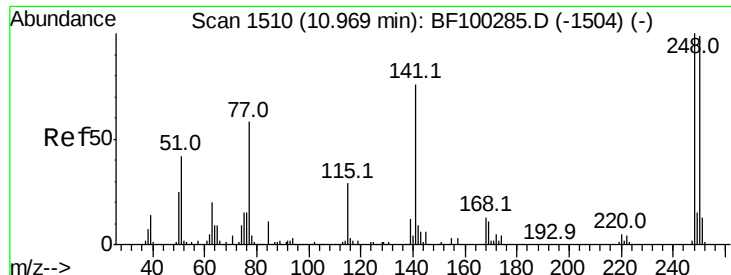
Tot Ion:198 Resp: 126
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 99.2 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 4.911 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:169 Resp: 30702
 Ion Ratio Lower Upper
 169 100
 168 62.2 54.4 81.6
 167 34.7 29.8 44.6

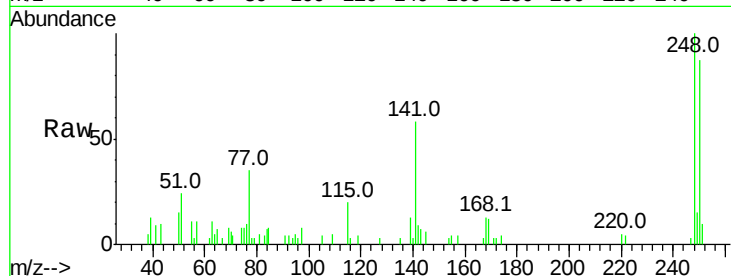




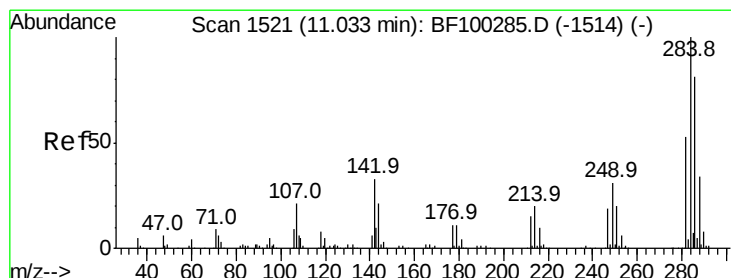
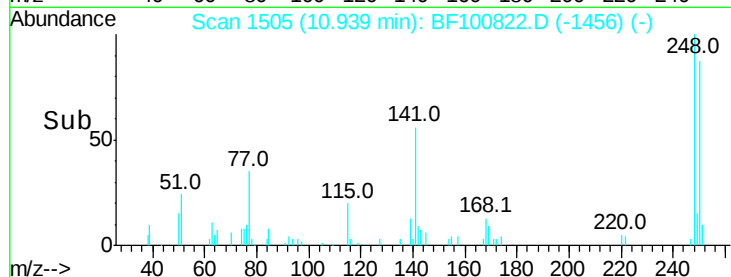
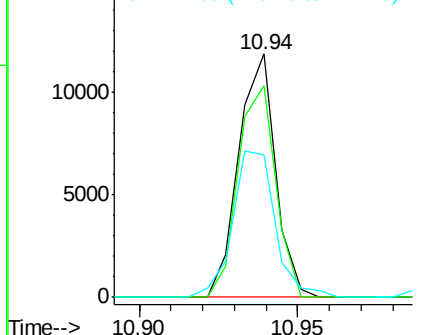
#66
4-Bromophenyl-phenylether
Concen: 4.956 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9552
Ion Ratio Lower Upper
248 100
250 87.0 76.9 115.3
141 58.4 74.4 111.6#

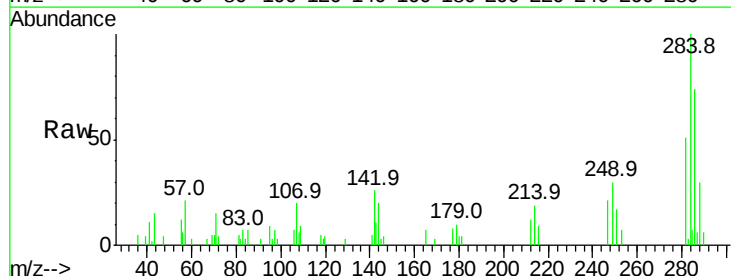


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

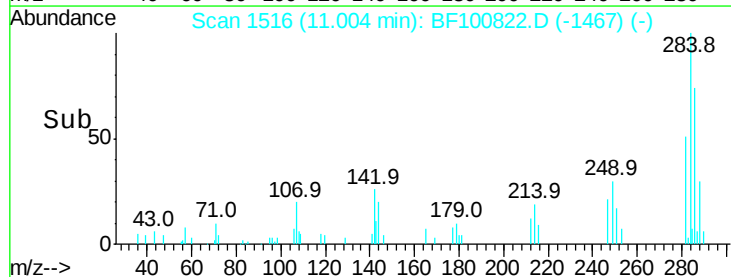
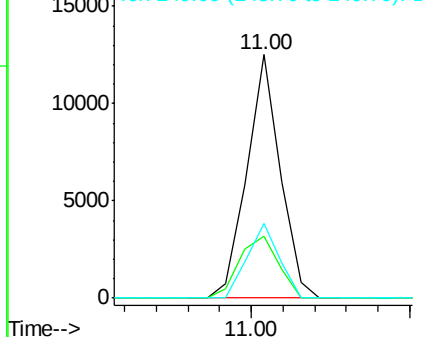


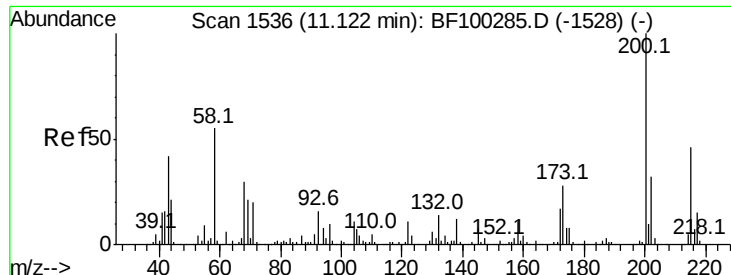
#67
Hexachlorobenzene
Concen: 4.519 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:284 Resp: 9110
Ion Ratio Lower Upper
284 100
142 25.5 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

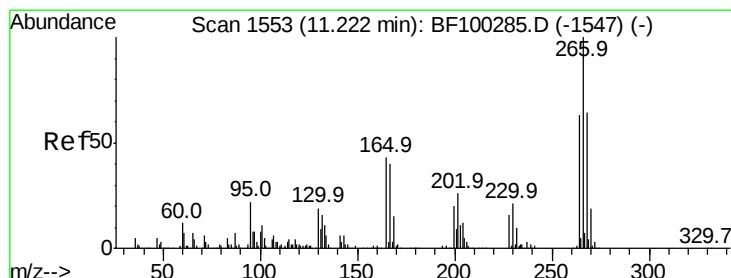
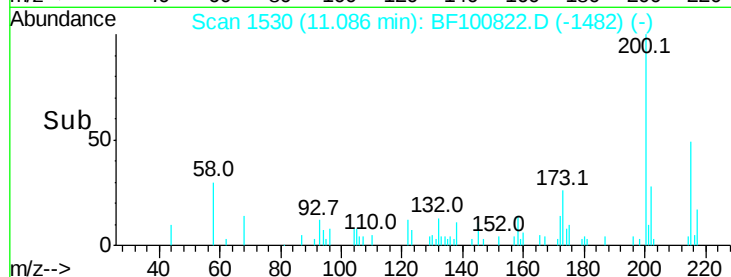
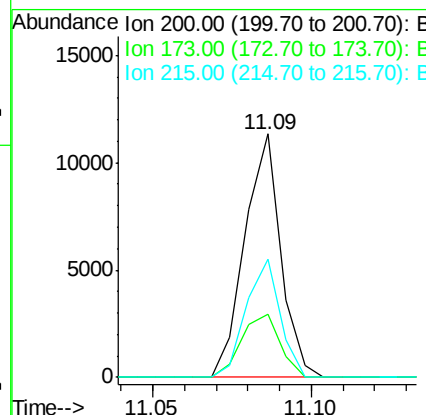
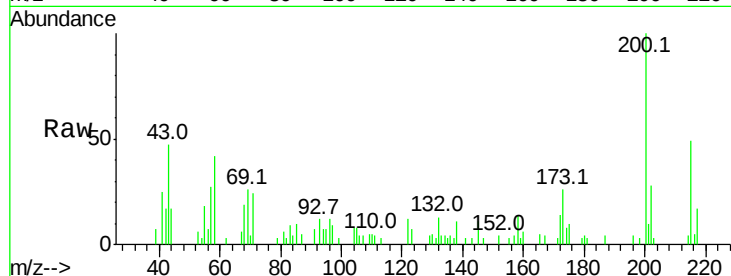




#68
Atrazine
Concen: 4.695 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

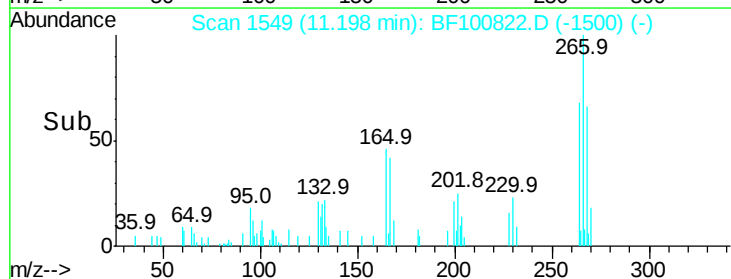
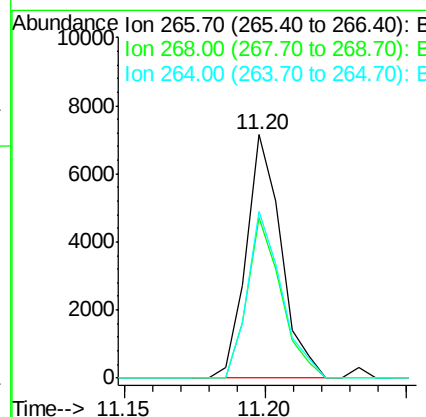
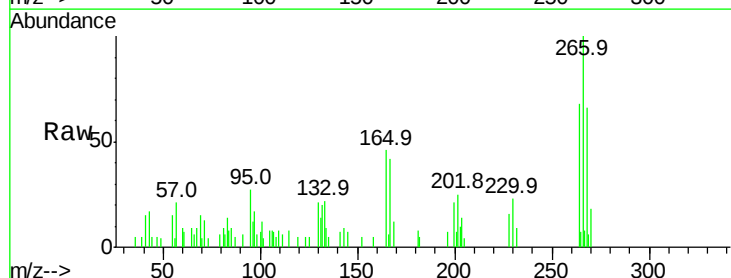
Instrument :
BNA_F
ClientSampled :

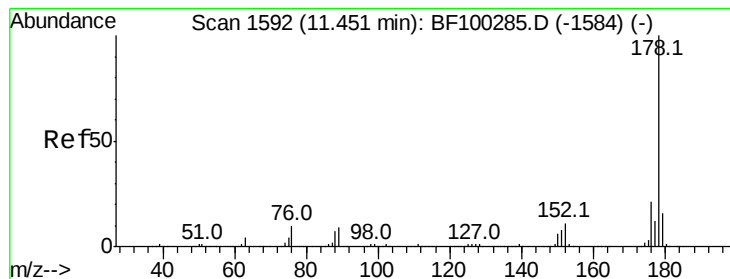
Tot Ion:200 Resp: 8886
Ion Ratio Lower Upper
200 100
173 25.7 8.6 48.6
215 48.8 25.1 65.1



#69
Pentachlorophenol
Concen: 4.263 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:266 Resp: 6163
Ion Ratio Lower Upper
266 100
268 65.7 51.1 76.7
264 68.4 49.5 74.3





#70

Phenanthrene

Concen: 4.814 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampleId :

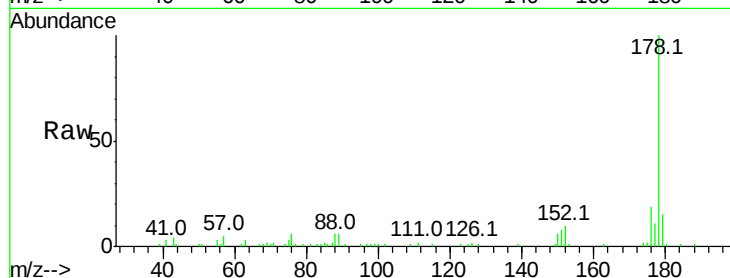
Tot Ion:178 Resp: 45573

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

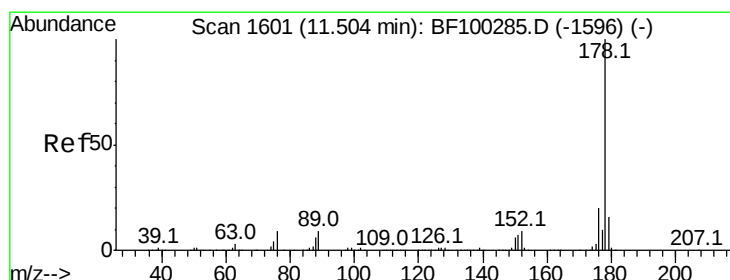
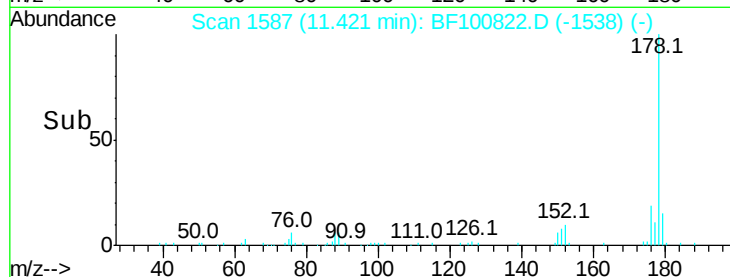
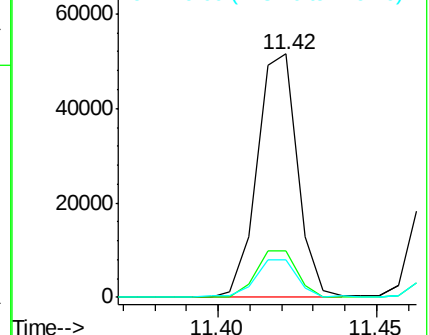
179 15.3 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 4.556 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.02 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

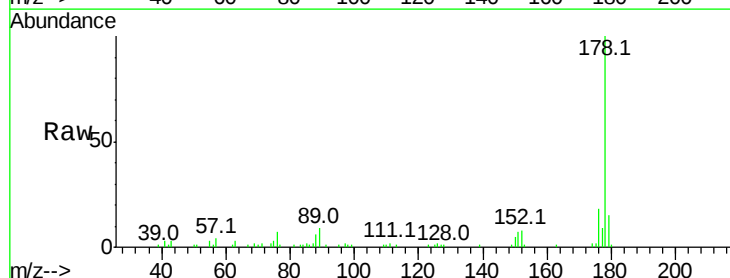
Tgt Ion:178 Resp: 43757

Ion Ratio Lower Upper

178 100

176 17.7 15.4 23.2

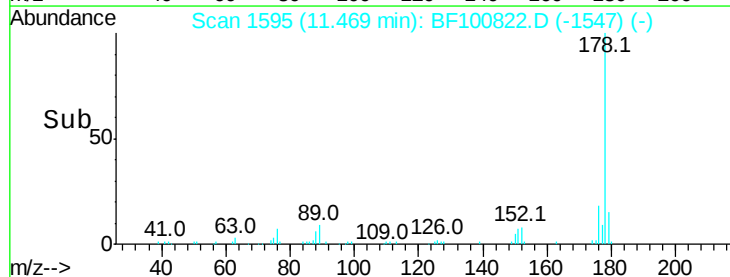
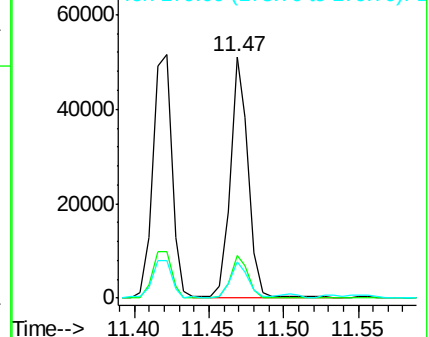
179 15.0 12.6 19.0

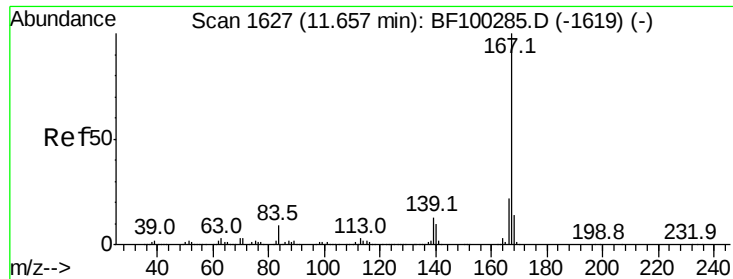


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

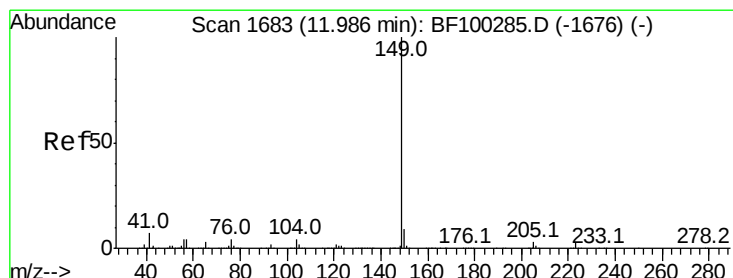
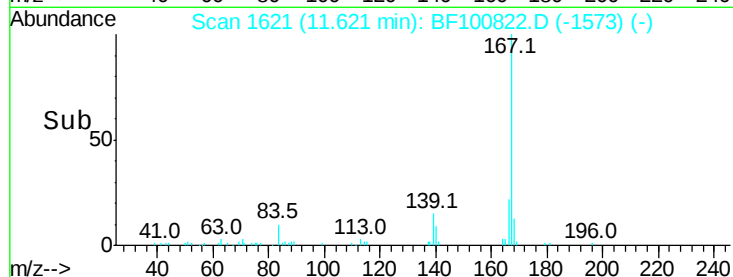
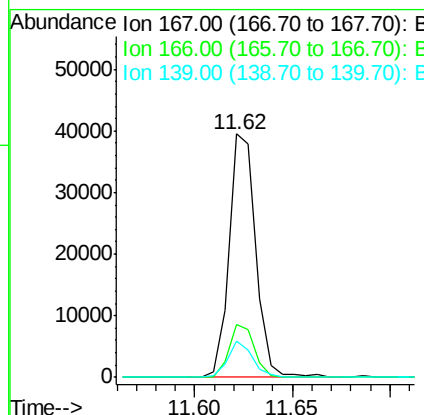
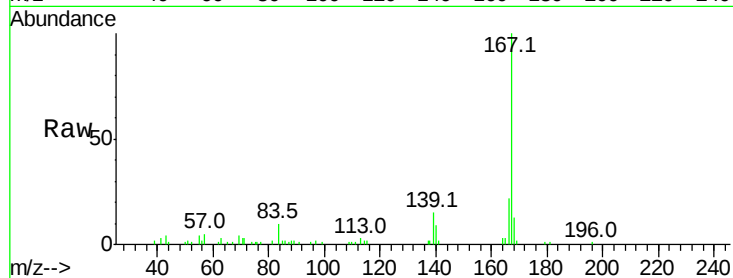




#72
 Carbazole
 Concen: 4.217 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

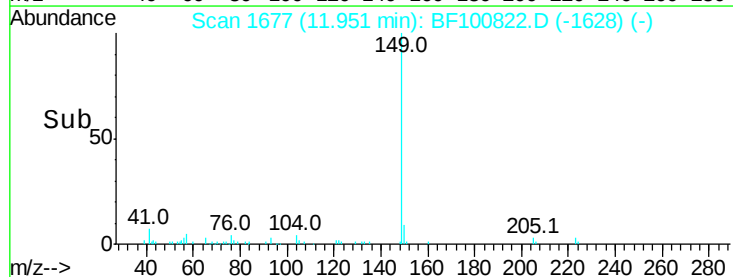
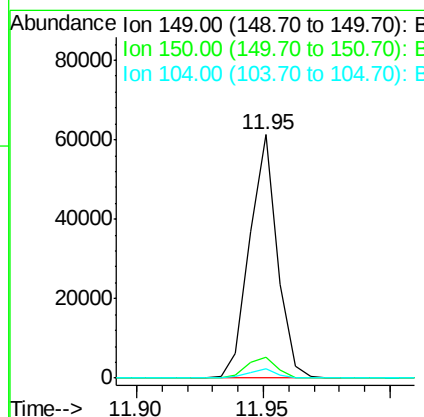
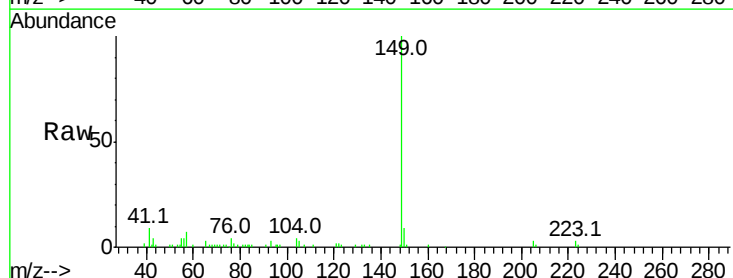
Instrument :
 BNA_F
 ClientSampled :

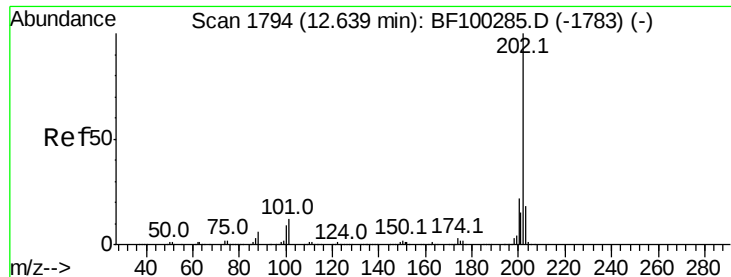
Tot Ion:167 Resp: 37369
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 14.7 10.9 16.3



#73
 Di-n-butylphthalate
 Concen: 4.483 ng
 RT: 11.95 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:149 Resp: 46490
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.8 11.6
 104 4.0 3.8 5.8

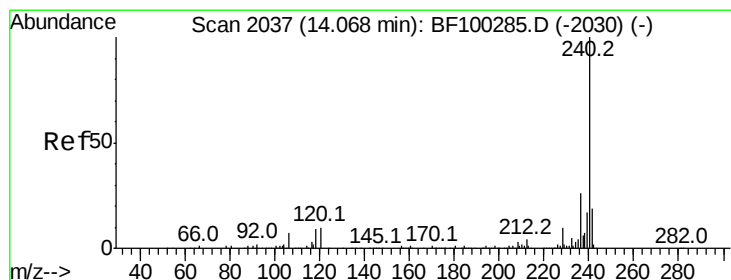
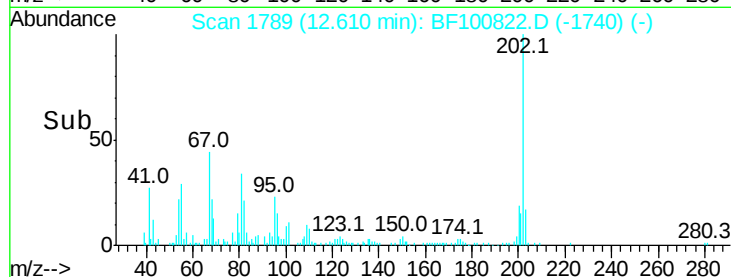
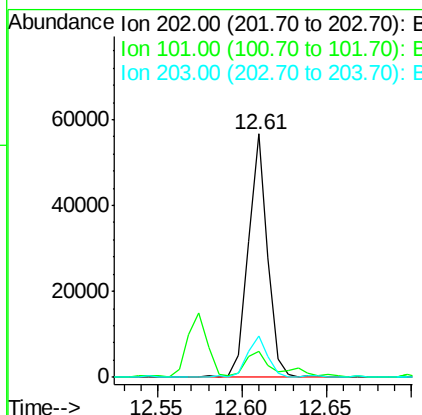
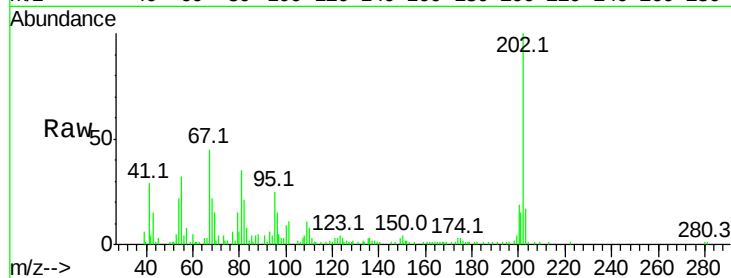




#74
Fluoranthene
Concen: 4.491 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

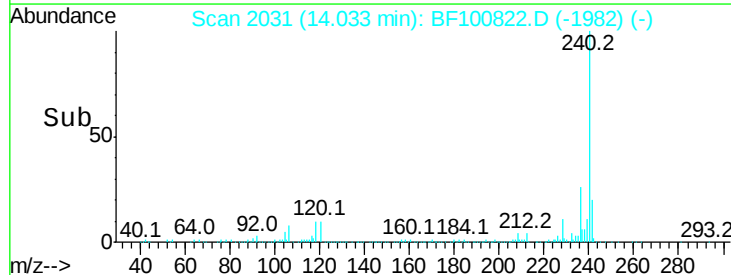
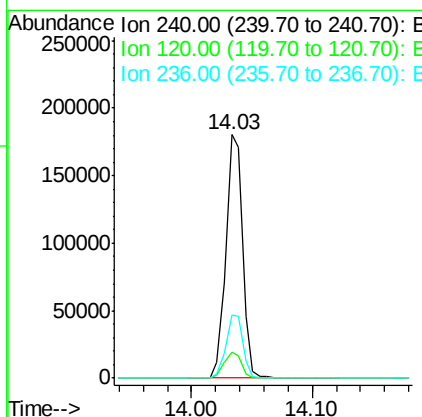
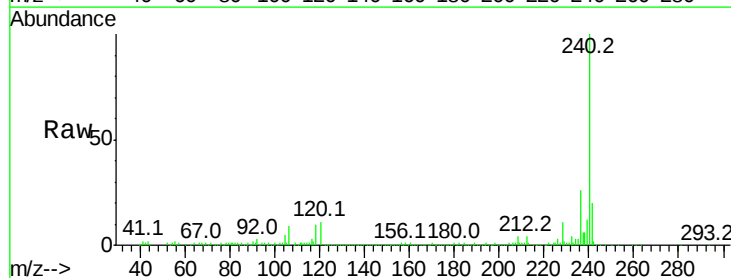
Instrument :
BNA_F
ClientSampleId :

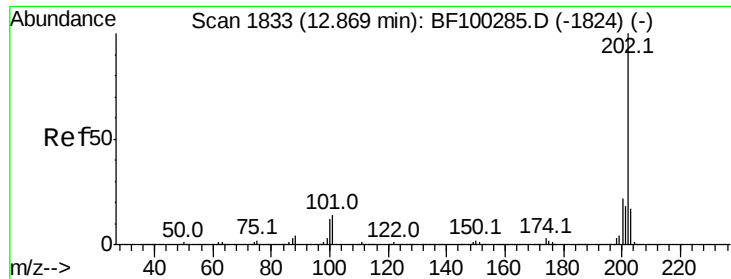
Tot Ion:202 Resp: 45055
Ion Ratio Lower Upper
202 100
101 10.8 0.0 34.1
203 17.2 0.0 38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:240 Resp: 173903
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 26.0 20.7 31.1





#77

Pvrene

Concen: 3.891 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

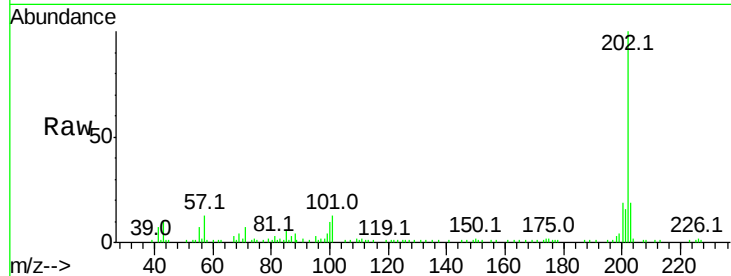
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 48237

Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.4	26.2
203	19.2	14.3	21.5

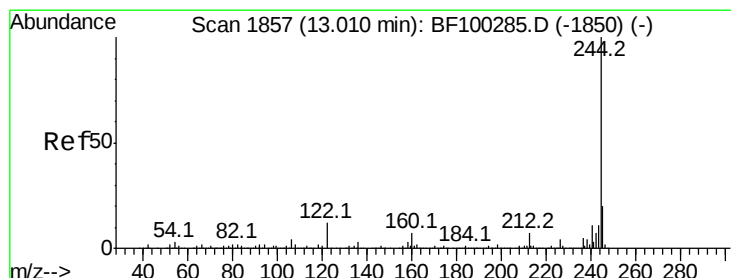
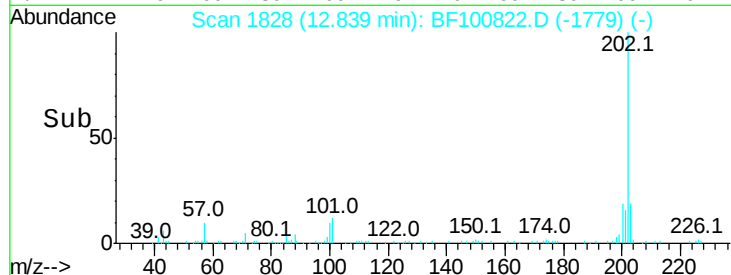
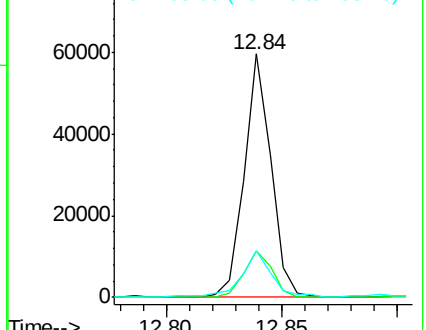


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 8.002 ng

RT: 12.98 min Scan# 1852

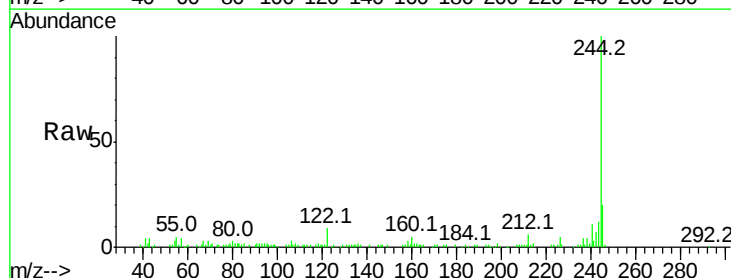
Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Tgt Ion:244 Resp: 60563

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	9.2	11.0	16.4#

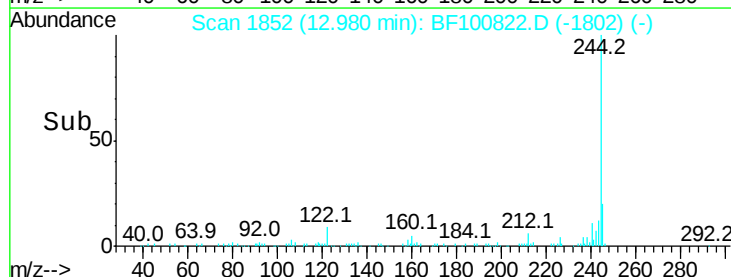
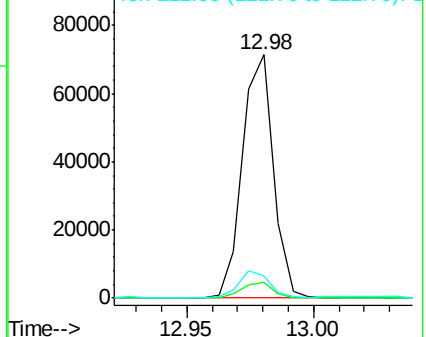


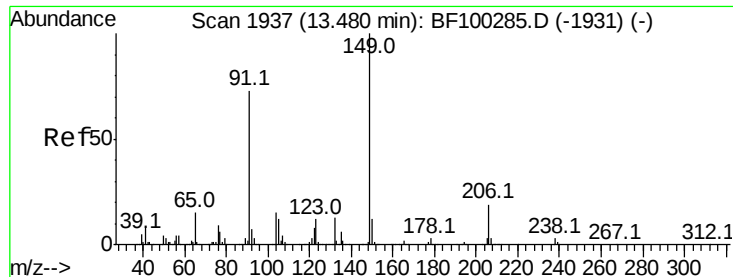
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

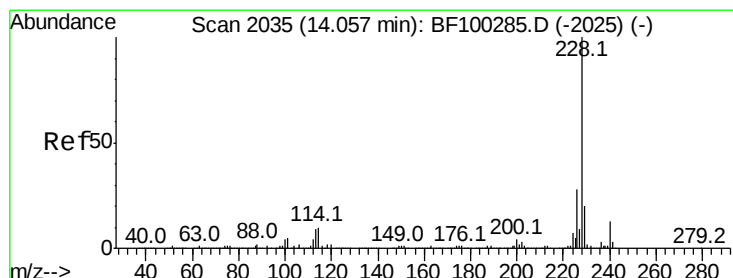
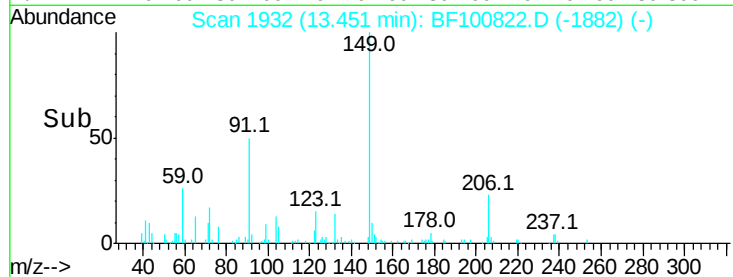
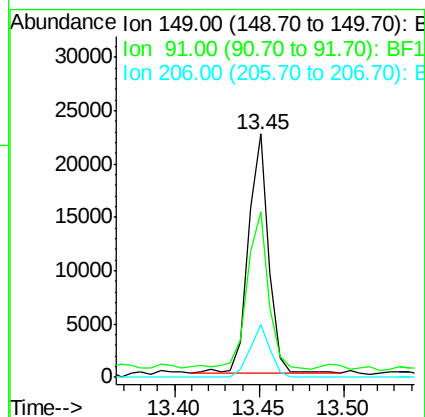
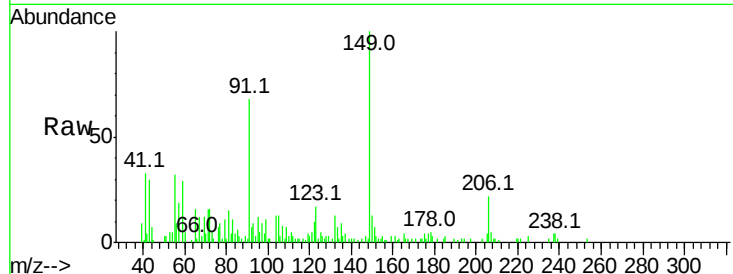




#79
 Butylbenzylphthalate
 Concen: 3.722 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

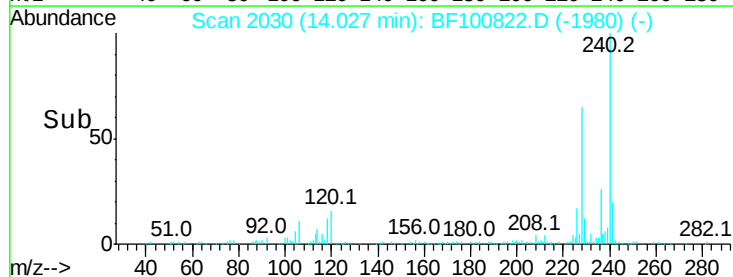
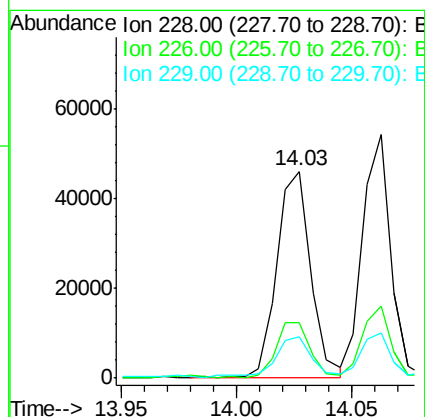
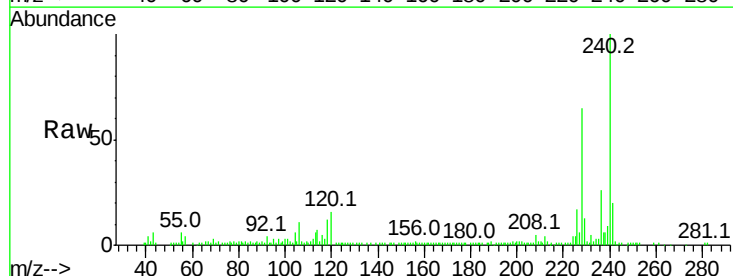
Instrument :
 BNA_F
 ClientSampleId :

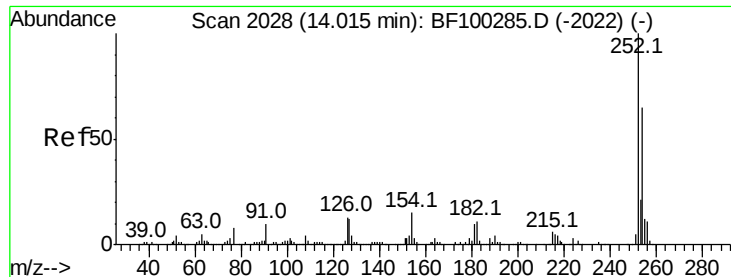
Tot Ion:	149	Resp:	18817
Ion Ratio	Lower	Upper	
149	100		
91	67.9	56.8	85.2
206	21.7	14.1	21.1#



#80
 Benzo(a)anthracene
 Concen: 4.491 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:	228	Resp:	47028
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.6	33.8
229	20.0	15.8	23.6

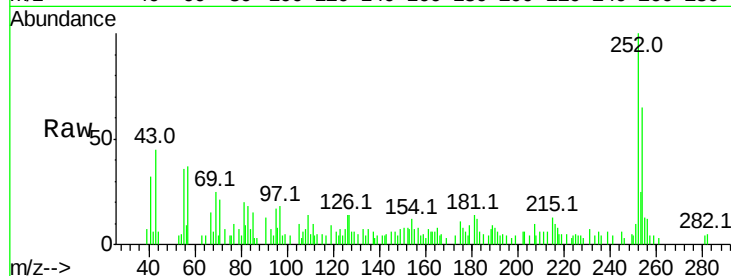




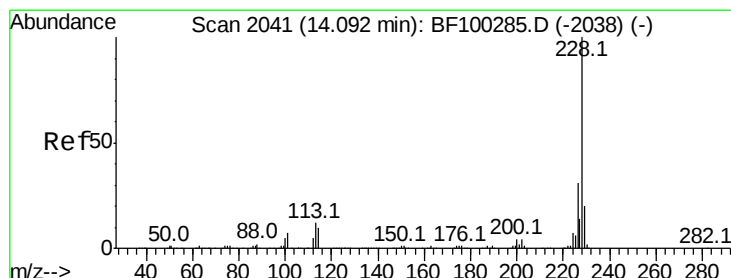
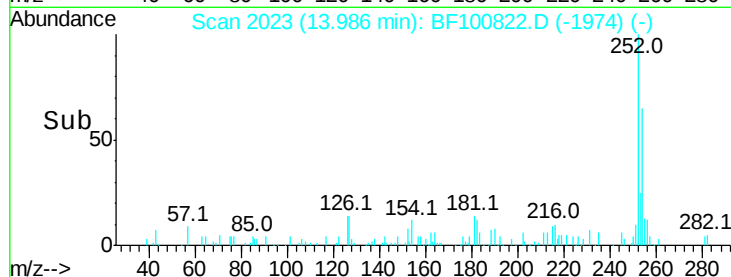
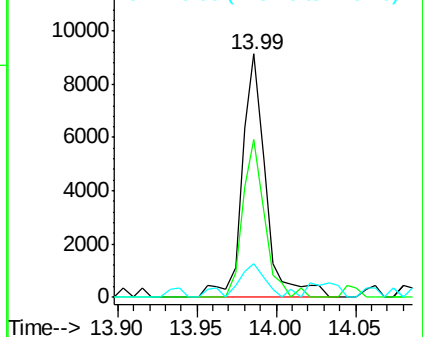
#81
 3,3'-Dichlorobenzidine
 Concen: 2.498 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 9372
 Ion Ratio Lower Upper
 252 100
 254 64.6 50.4 75.6
 126 13.8 11.3 16.9

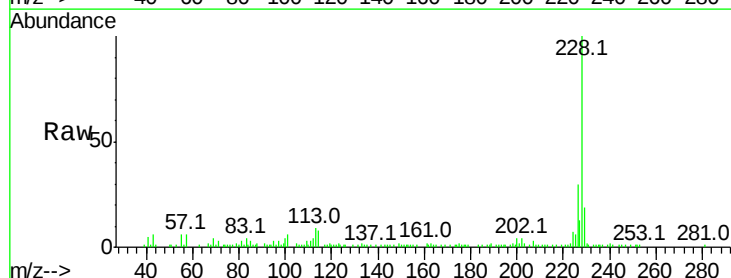


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

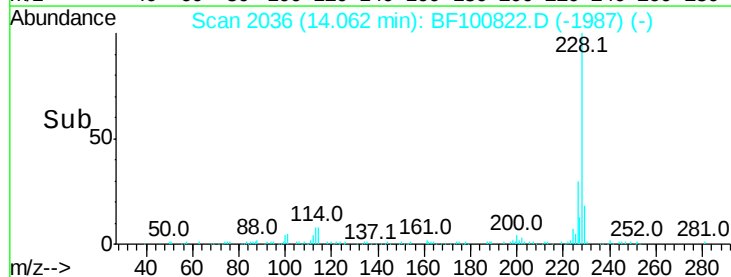
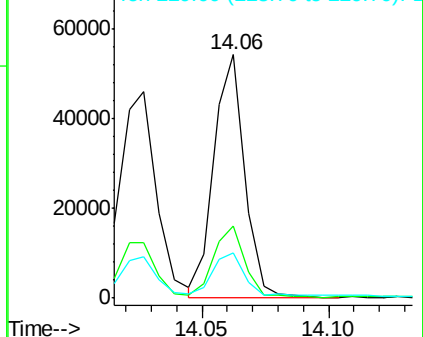


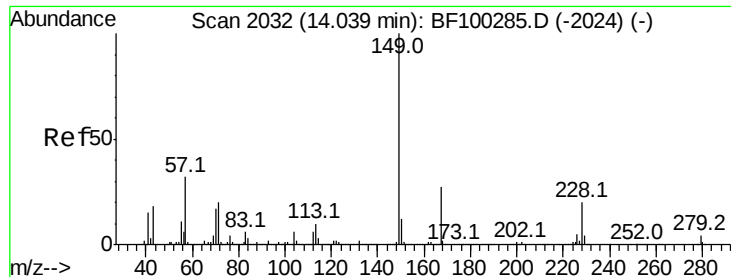
#82
 Chrysene
 Concen: 4.551 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:228 Resp: 46148
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.0 37.6
 229 18.8 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

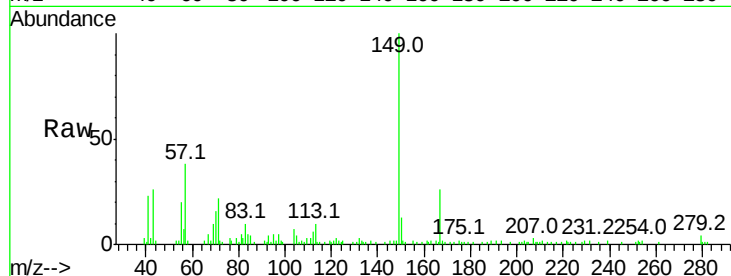




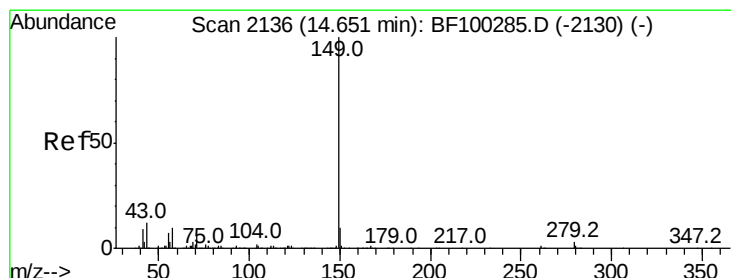
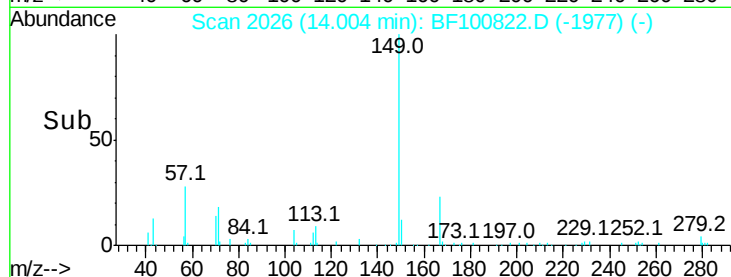
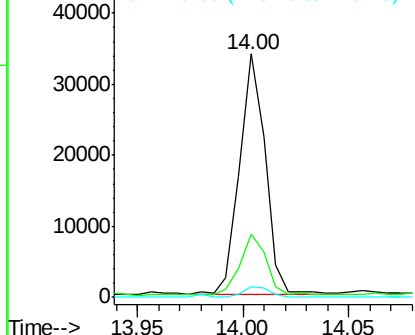
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.284 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 28484
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 4.4 3.0 4.4

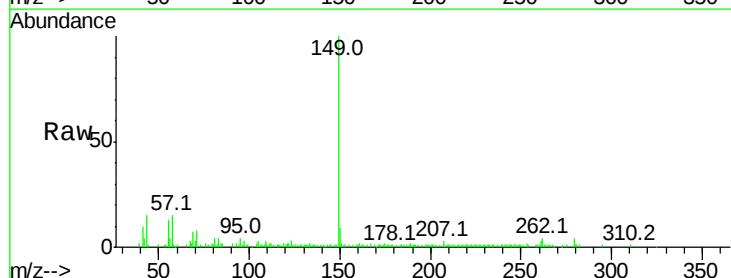


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

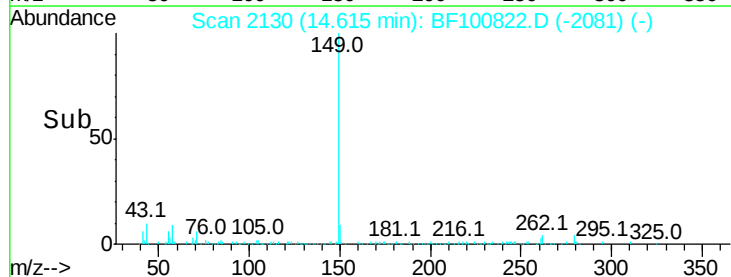
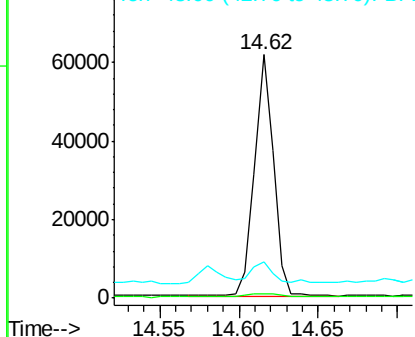


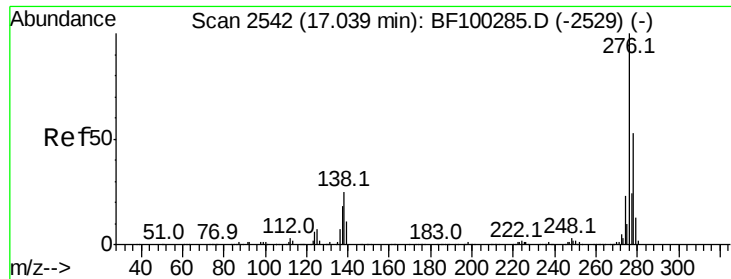
#84
 Di-n-octyl phthalate
 Concen: 4.519 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Tgt Ion:149 Resp: 51614
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.2 1.8#
 43 10.4 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

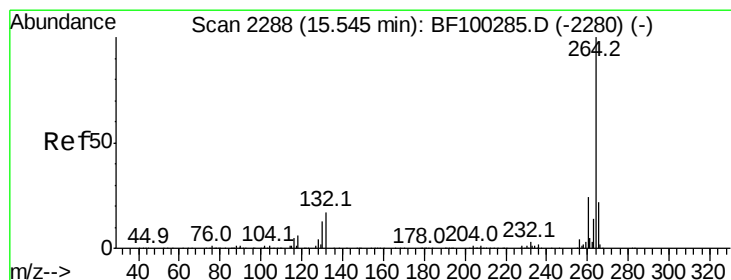
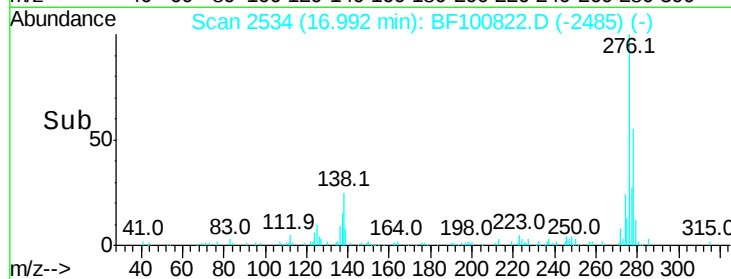
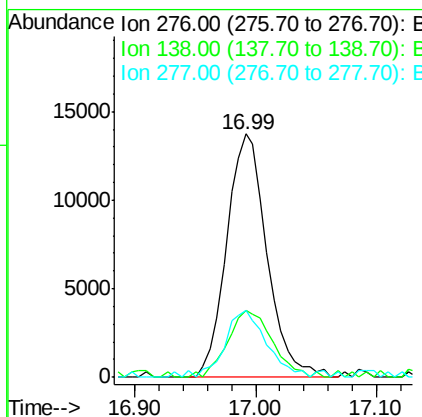
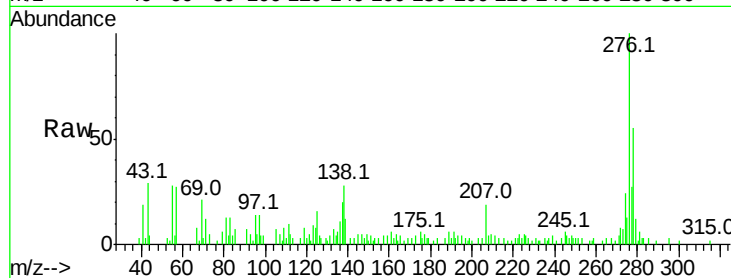




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.880 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

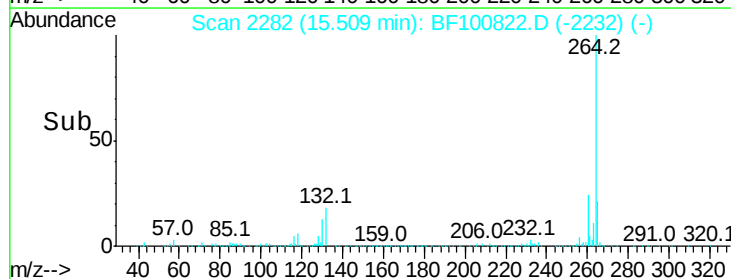
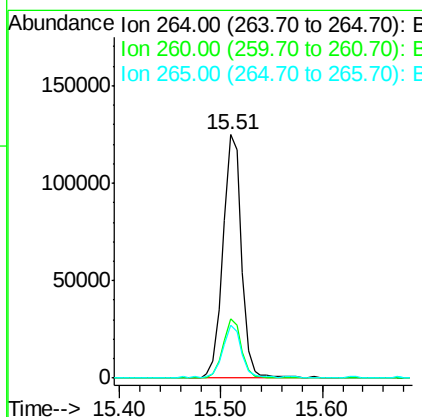
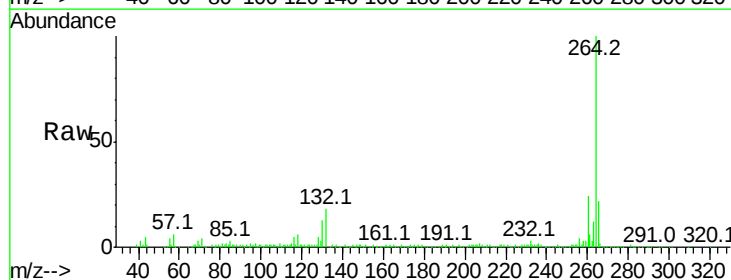
Instrument :
BNA_F
ClientSampled :

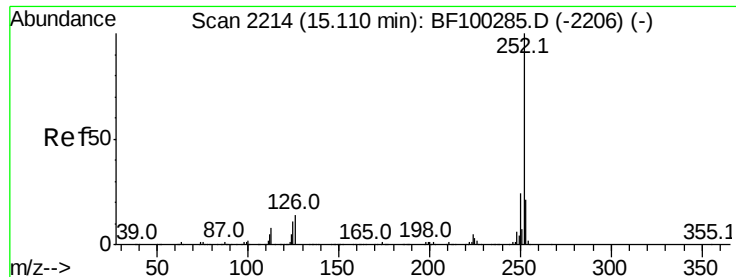
Tot Ion:276 Resp: 31829
Ion Ratio Lower Upper
276 100
138 30.7 25.0 37.6
277 28.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:264 Resp: 159197
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.7 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 4.665 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

Instrument :

BNA_F

ClientSampled :

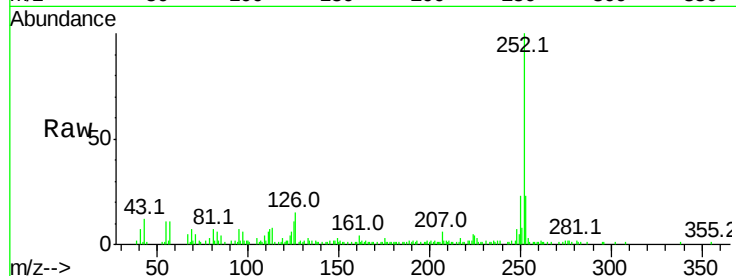
Tot Ion:252 Resp: 44003

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

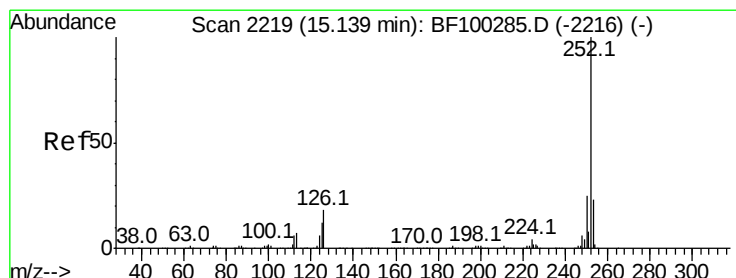
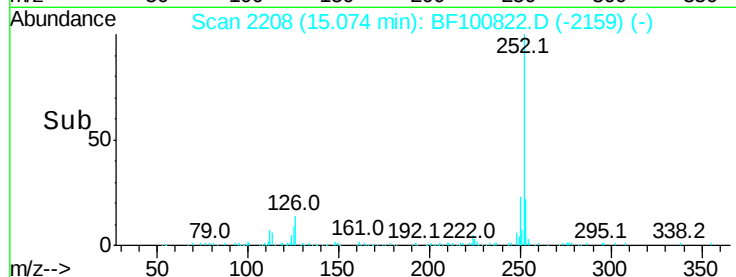
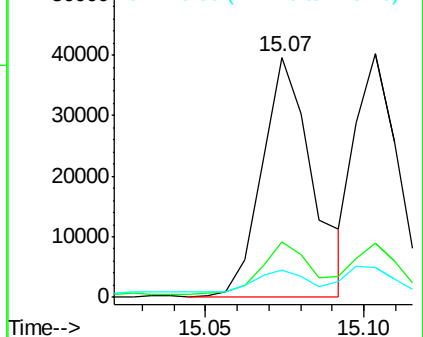
125 11.2 9.0 13.6



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: 4.348 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF100822.D

Acq: 22 Nov 2017 13:18

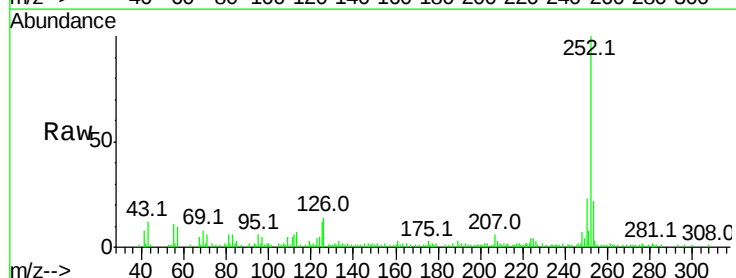
Tgt Ion:252 Resp: 38751

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

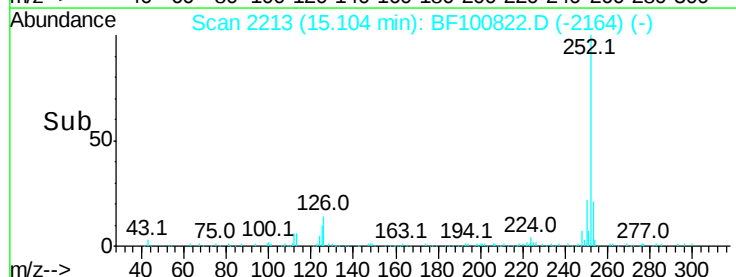
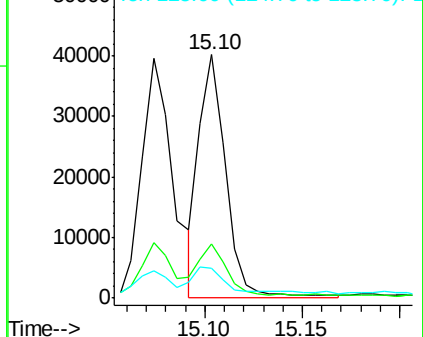
125 12.3 10.2 15.2

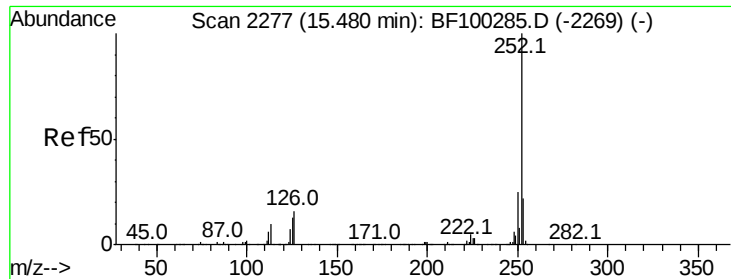


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

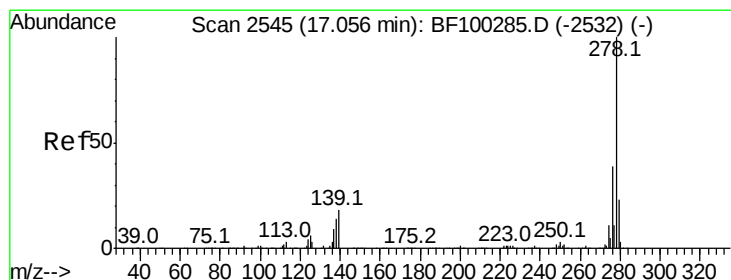
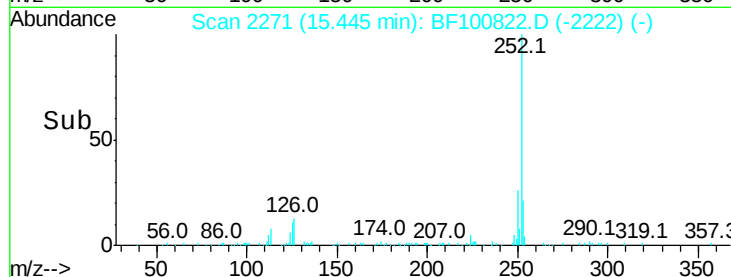
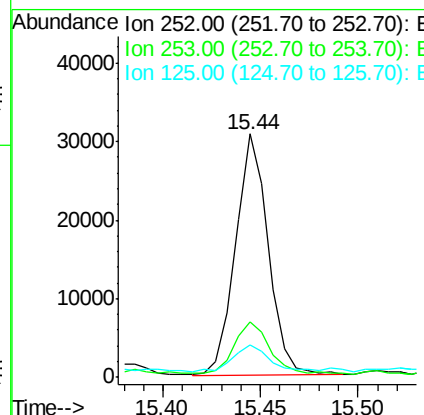
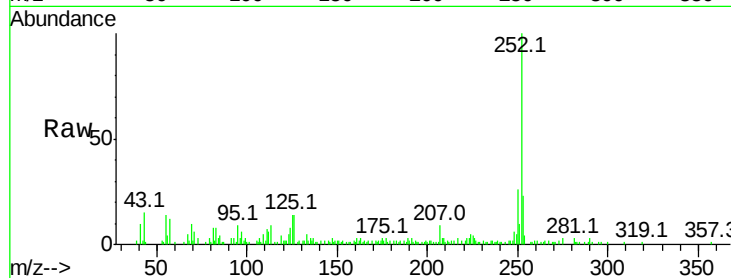




#89
Benzo(a)pyrene
Concen: 4.289 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

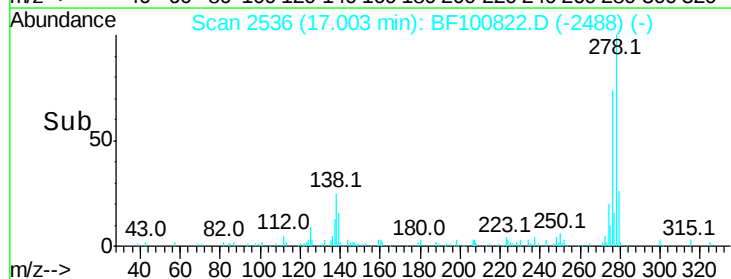
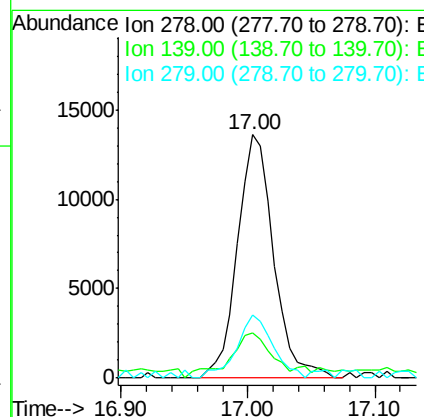
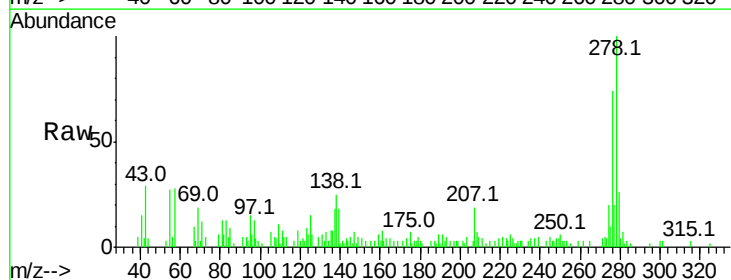
Instrument :
BNA_F
ClientSampleId :

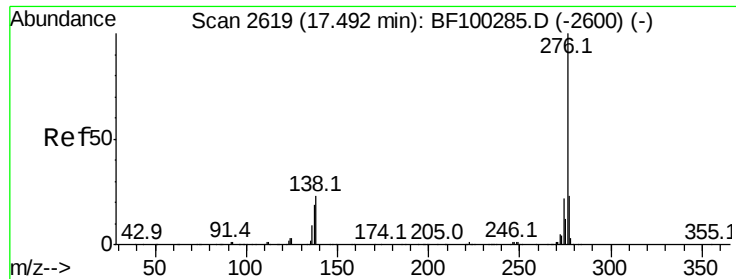
Tot Ion:252 Resp: 35863
Ion Ratio Lower Upper
252 100
253 23.0 17.1 25.7
125 13.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.938 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.02 min
Lab File: BF100822.D
Acq: 22 Nov 2017 13:18

Tgt Ion:278 Resp: 26930
Ion Ratio Lower Upper
278 100
139 18.4 15.9 23.9
279 25.8 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 3.786 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.02 min
 Lab File: BF100822.D
 Acq: 22 Nov 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	17.9	26.9
138	26.0	21.8	32.8

