

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
 Data File : BF077000.D
 Acq On : 21 Jan 2015 17:33
 Operator : TP/IZ
 Sample : G1100-14
 Misc : W/BASE
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8036

Quant Time: Jan 22 10:28:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	31228	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	127042	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	68164	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	114414	20.00	ng	0.00
75) Chrysene-d12	21.20	240	119126	20.00	ng	0.00
86) Perylene-d12	22.88	264	100204	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	303522	159.80	ng	0.00
7) Phenol-d6	7.27	99	384946	160.66	ng	0.00
23) Nitrobenzene-d5	9.16	82	243705	106.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	95629	172.83	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	495801	110.69	ng	0.00
78) Terphenyl-d14	19.93	244	553718	107.01	ng	0.00

Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	1.65	42	105774	101.46	ng	91
11) bis(2-Chloroethyl)ether	7.40	93	92194	46.31	ng	# 73
12) 1,3-Dichlorobenzene	7.70	146	84818	34.05	ng	93
13) 1,4-Dichlorobenzene	7.90	146	396197	149.98	ng	99
14) 1,2-Dichlorobenzene	8.21	146	351992	144.61	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	150156	56.11	ng	# 44
24) Nitrobenzene	9.20	77	145258	62.18	ng	95
28) bis(2-Chloroethoxy)methane	10.42	93	338221	142.49	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	100755	53.88	ng	95
34) Hexachlorobutadiene	11.18	225	138631	124.94	ng	98
37) 2-Methylnaphthalene	12.47	142	310207	69.45	ng	94
46) 2-Chloronaphthalene	13.59	162	193788	46.60	ng	98
48) Acenaphthylene	14.54	152	449608	64.10	ng	99
49) Dimethylphthalate	14.49	163	432407	89.45	ng	98
50) 2,6-Dinitrotoluene	14.60	165	96389	99.80	ng	98
51) Acenaphthene	14.97	154	363737	91.40	ng	96
54) Dibenzofuran	15.40	168	755684	130.35	ng	99
57) Fluorene	16.13	166	134070	27.30	ng	97
60) 4-Chlorophenyl-phenylether	16.22	204	66680	33.18	ng	87
65) n-Nitrosodiphenylamine	16.46	169	147062	36.05	ng	98
66) 4-Bromophenyl-phenylether	17.07	248	111174	95.91	ng	98
67) Hexachlorobenzene	17.09	284	81278	66.54	ng	94
71) Anthracene	17.81	178	683331	98.21	ng	100
73) Di-n-butylphthalate	18.69	149	653827	83.70	ng	100
74) Fluoranthene	19.37	202	278272	38.06	ng	98
77) Pyrene	19.66	202	697638	85.45	ng	98
79) Butylbenzylphthalate	20.60	149	504679	136.49	ng	97
80) Benzo(a)anthracene	21.19	228	809472	108.31	ng	100
81) 3,3'-Dichlorobenzidine	21.19	252	58561	24.66	ng	# 94
83) Bis(2-ethylhexyl)phthalate	21.34	149	833738	162.97	ng	99
84) Di-n-octyl phthalate	22.12	149	840864	94.70	ng	99
87) Benzo(b)fluoranthene	22.47	252	983445	145.72	ng	# 96
88) Benzo(k)fluoranthene	22.51	252	721362m	122.34	ng	
89) Benzo(a)pyrene	22.84	252	938338	157.62	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077000.D
Acq On : 21 Jan 2015 17:33
Operator : TP/IZ
Sample : G1100-14
Misc : W/BASE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8036

Quant Time: Jan 22 10:28:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration

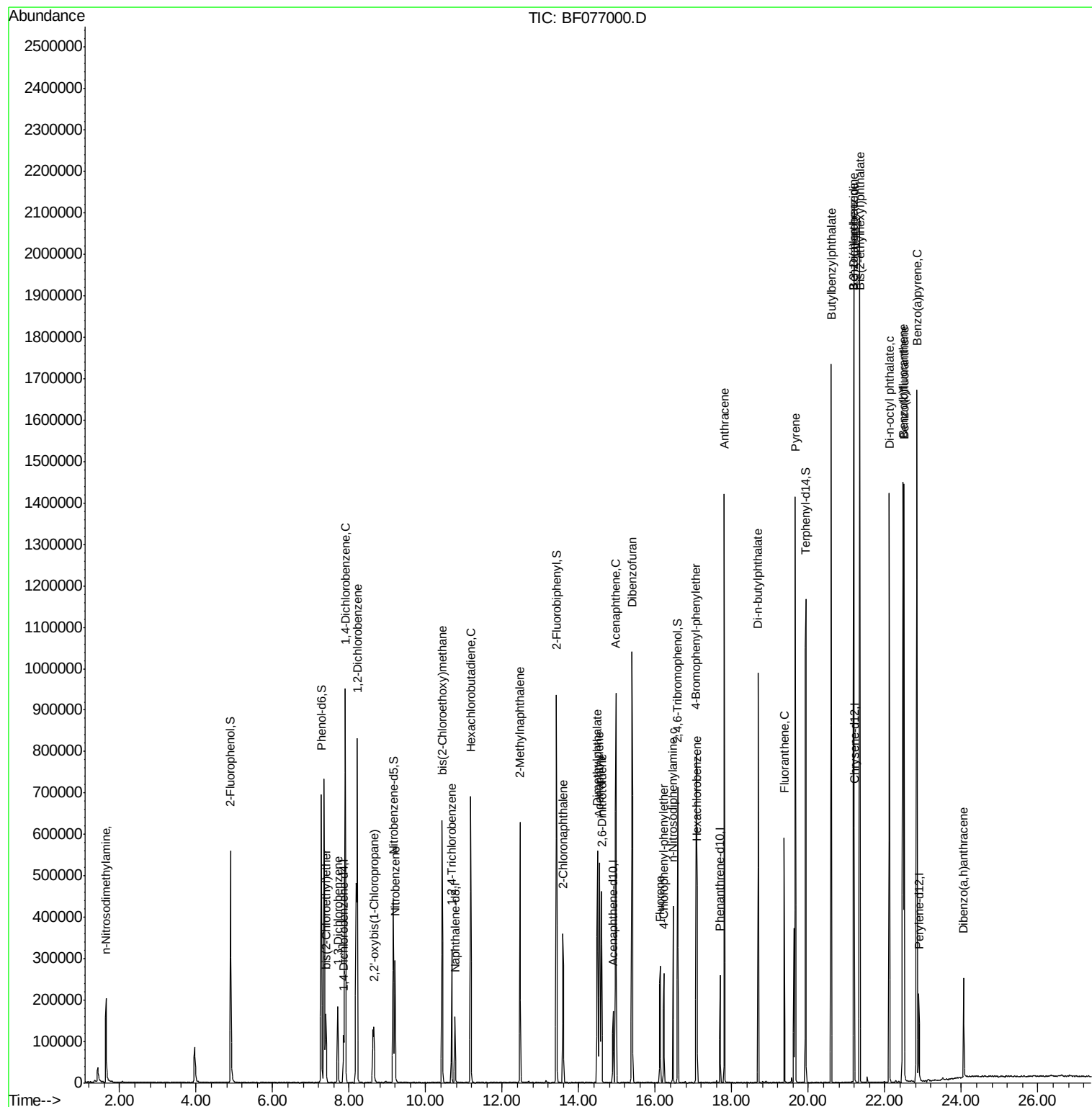
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Dibenzo(a,h)anthracene	24.06	278	122585	22.44	nq	# 93

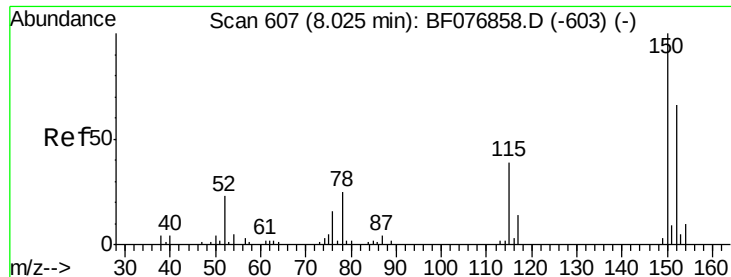
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
Data File : BF077000.D
Acq On : 21 Jan 2015 17:33
Operator : TP/IZ
Sample : G1100-14
Misc : W/BASE
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8036

Quant Time: Jan 22 10:28:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

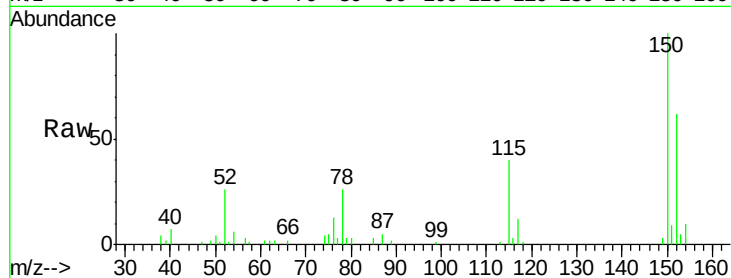
Tot Ion:152 Resp: 31228

Ion Ratio Lower Upper

152 100

150 161.1 121.7 182.5

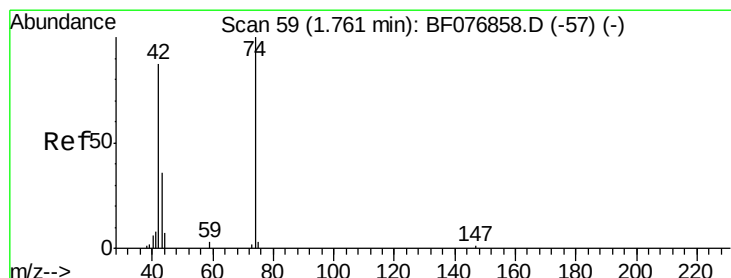
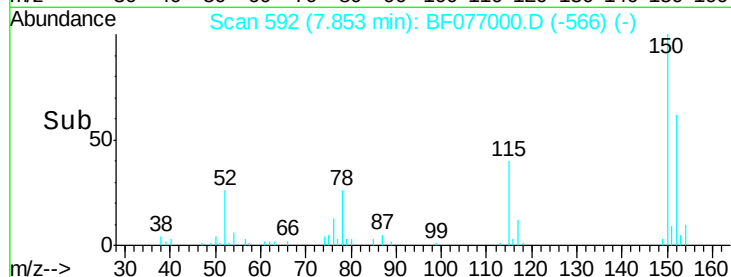
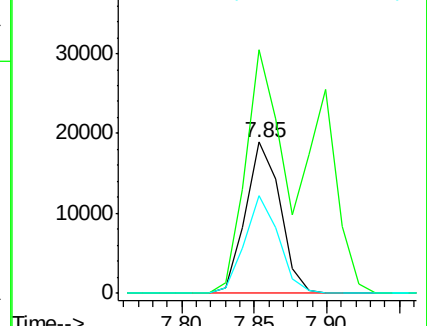
115 64.3 47.0 70.6



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



#4

n-Nitrosodimethylamine

Concen: 101.46 ng

RT: 1.65 min Scan# 49

Delta R.T. 0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

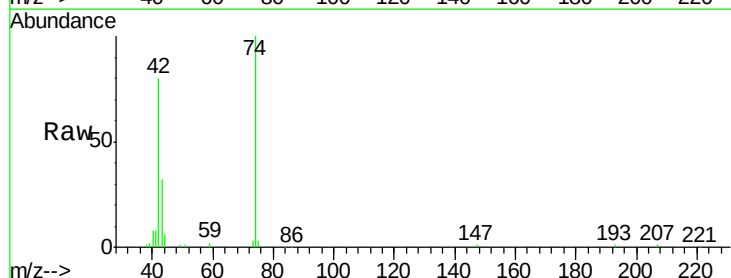
Tgt Ion: 42 Resp: 105774

Ion Ratio Lower Upper

42 100

74 125.8 92.4 138.6

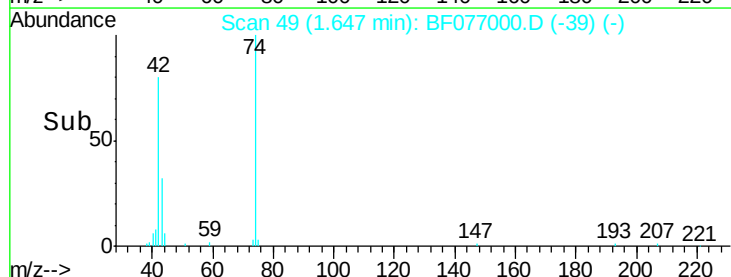
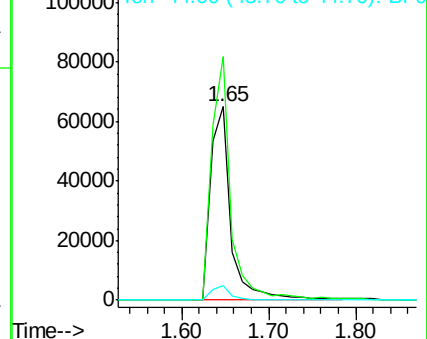
44 7.5 6.2 9.2

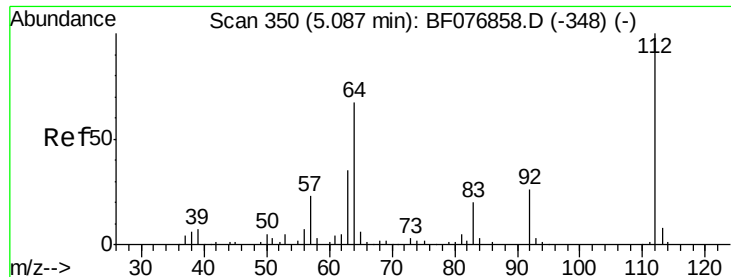


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 159.80 ng

RT: 4.90 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

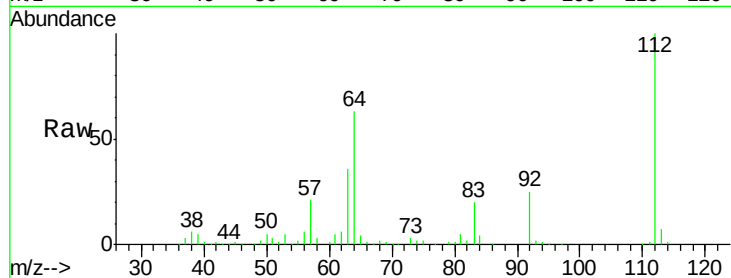
Tot Ion: 112 Resp: 303522

Ion Ratio Lower Upper

112 100

64 62.6 54.2 81.4

63 35.6 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): BF076858.D (-348) (-)

Ion 64.00 (63.70 to 64.70): BF076858.D (-348) (-)

Ion 63.00 (62.70 to 63.70): BF076858.D (-348) (-)

4.90

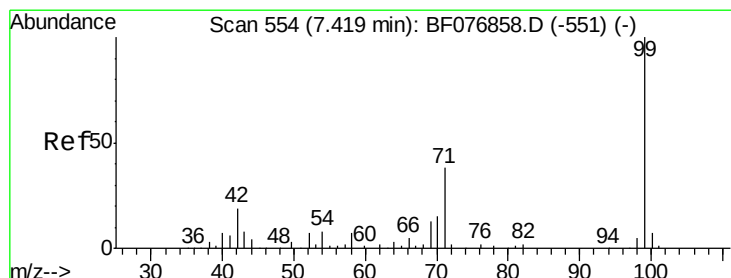
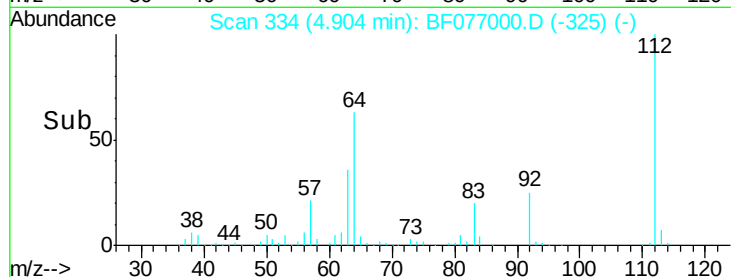
150000

100000

50000

0

Time-->



#7

Phenol-d6

Concen: 160.66 ng

RT: 7.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

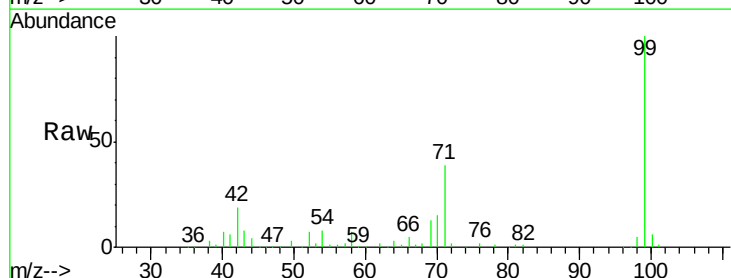
Tgt Ion: 99 Resp: 384946

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

71 38.6 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)

7.27

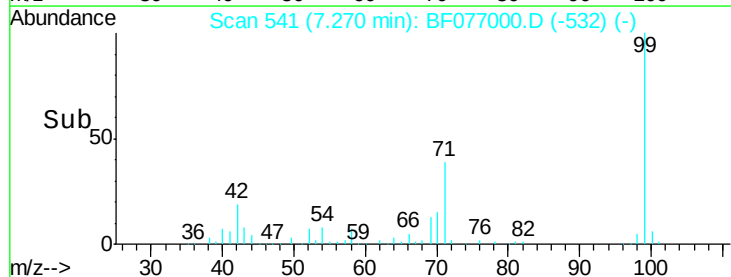
300000

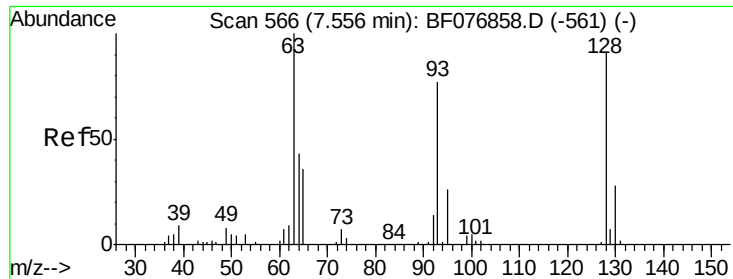
200000

100000

0

Time-->

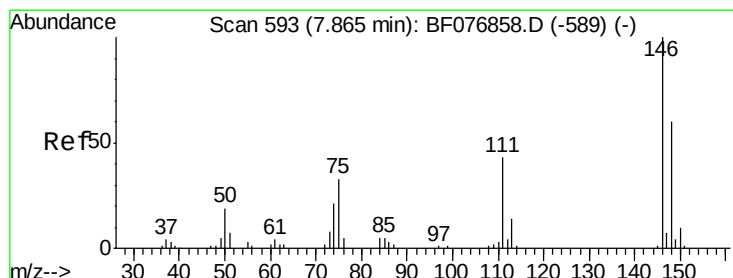
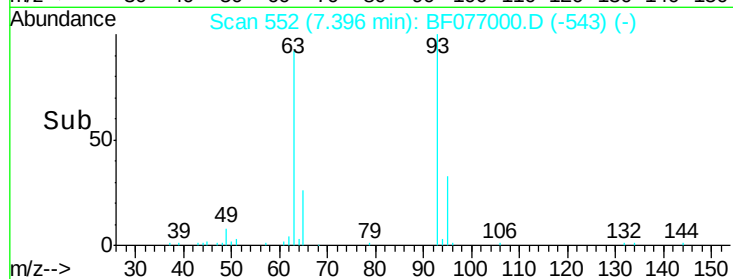
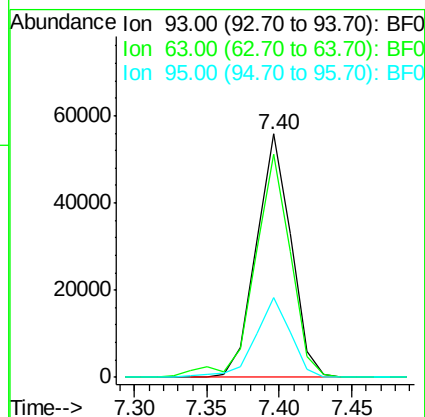
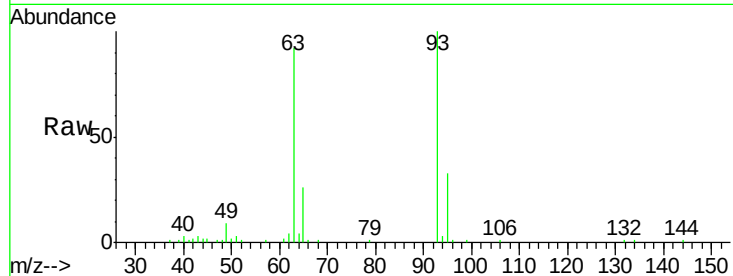




#11
bis(2-Chloroethyl)ether
Concen: 46.31 ng
RT: 7.40 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

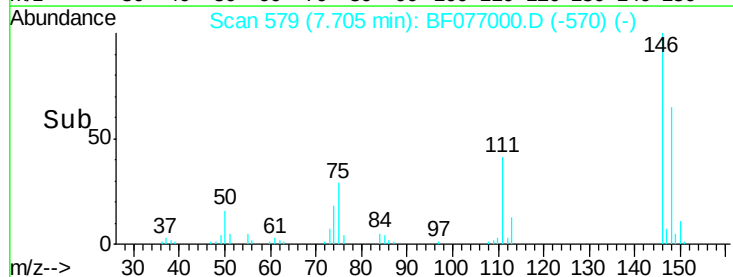
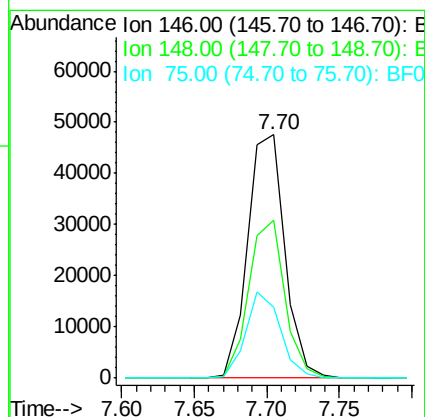
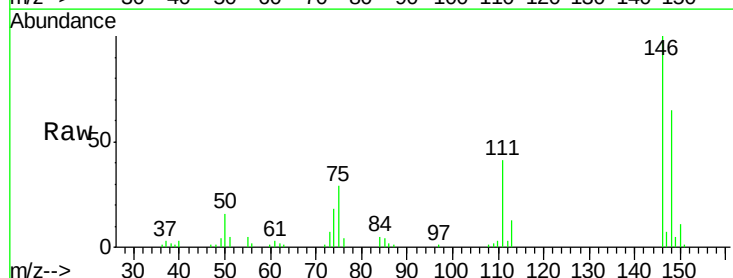
Instrument :
BNA_F
ClientSampleId :
8036

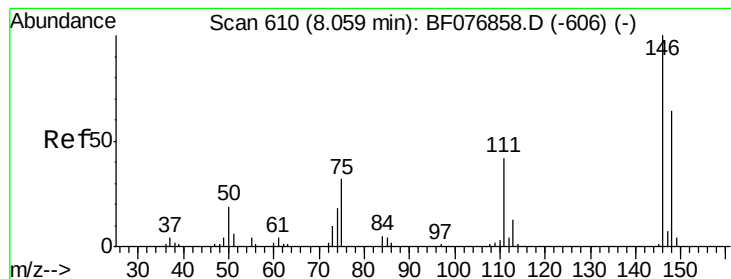
Tot Ion: 93 Resp: 92194
Ion Ratio Lower Upper
93 100
63 91.6 111.3 151.3#
95 32.7 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 34.05 ng
RT: 7.70 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion: 146 Resp: 84818
Ion Ratio Lower Upper
146 100
148 64.8 48.1 72.1
75 29.3 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 149.98 ng

RT: 7.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

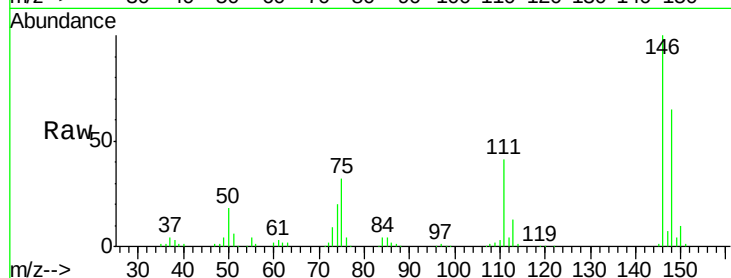
Tot Ion:146 Resp: 396197

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

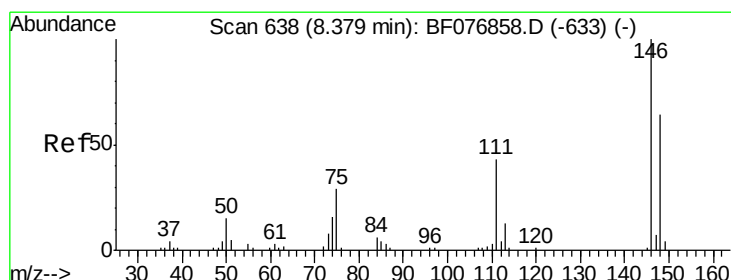
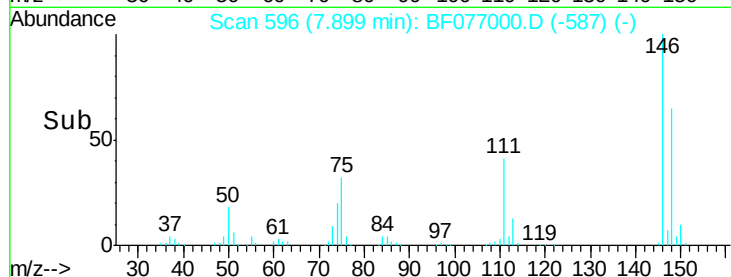
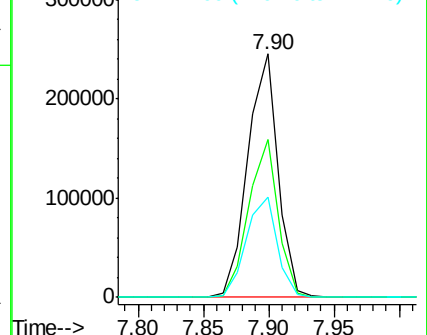
111 41.0 33.9 50.9



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: 144.61 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

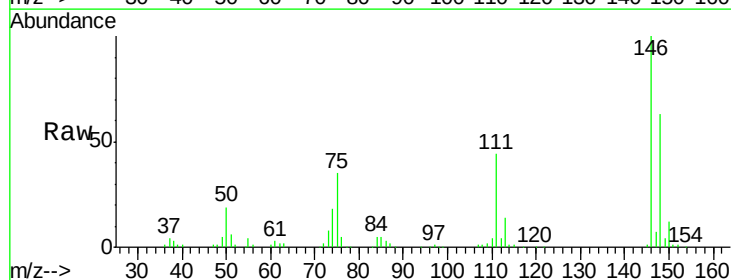
Tgt Ion:146 Resp: 351992

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

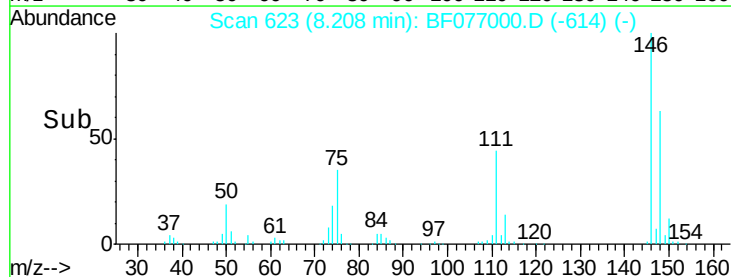
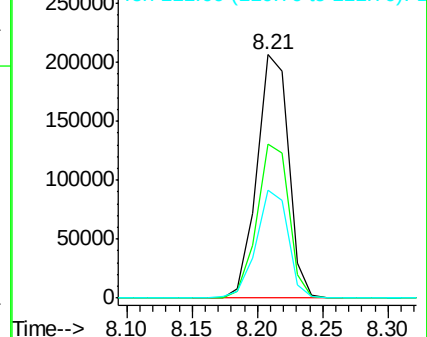
111 44.2 34.5 51.7

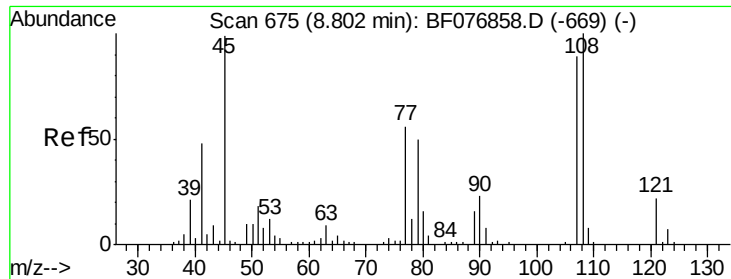


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

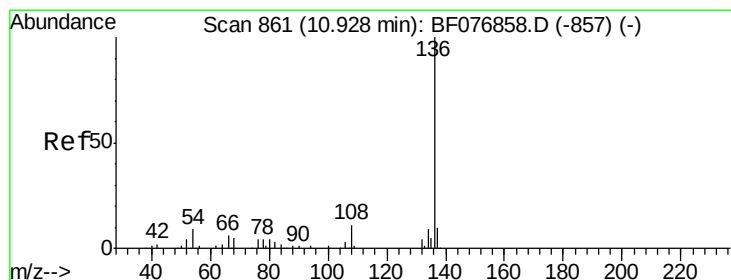
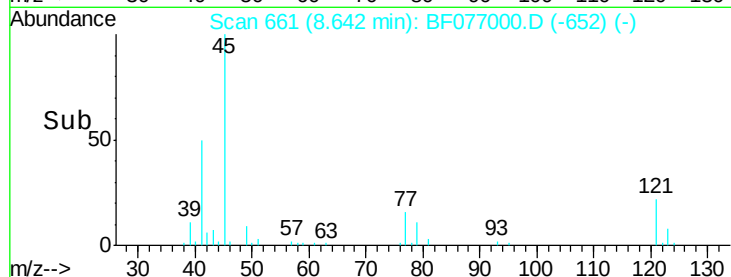
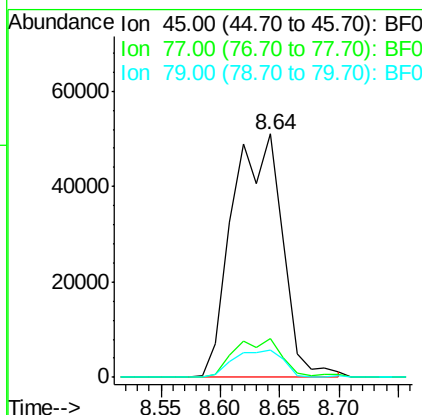
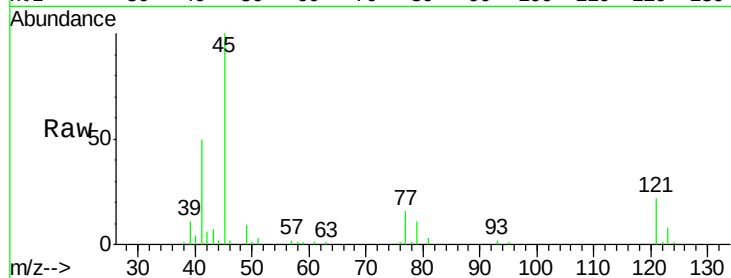




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 56.11 ng
RT: 8.64 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

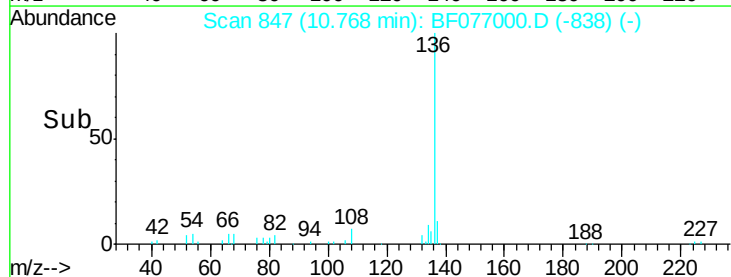
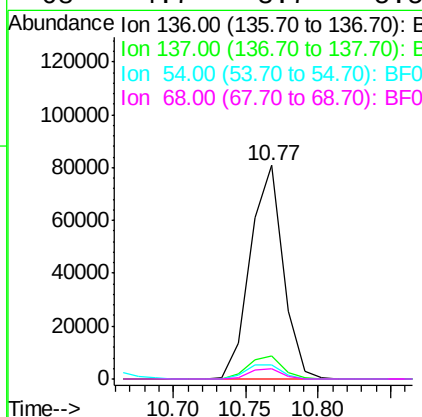
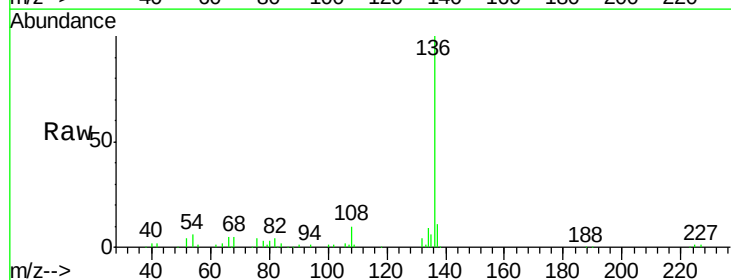
Instrument :
BNA_F
ClientSampleId :
8036

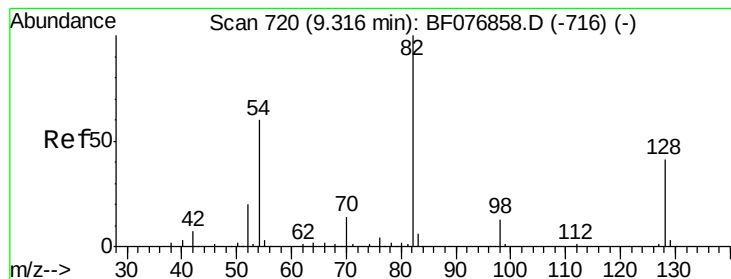
Tot Ion: 45 Resp: 150156
Ion Ratio Lower Upper
45 100
77 16.0 36.1 76.1#
79 11.3 30.5 70.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion: 136 Resp: 127042
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 6.3 7.0 10.4#
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 106.28 ng

RT: 9.16 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

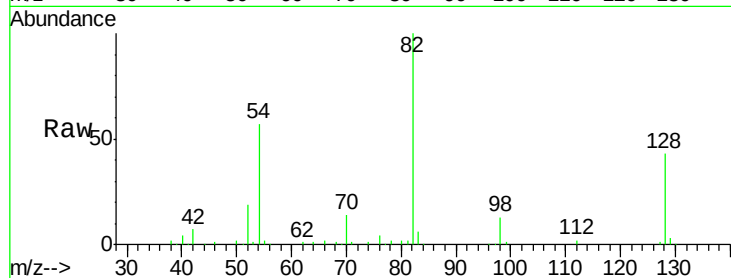
Tot Ion: 82 Resp: 243705

Ion Ratio Lower Upper

82 100

128 42.8 33.1 49.7

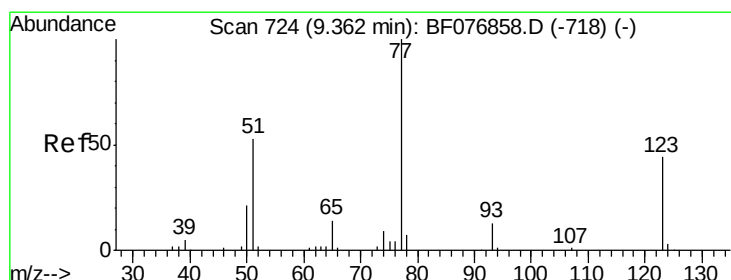
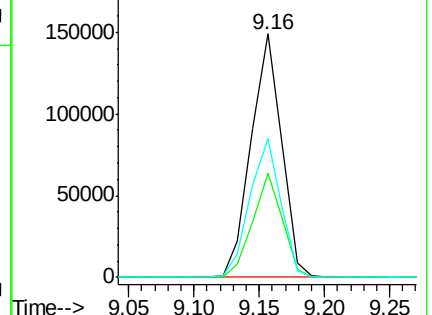
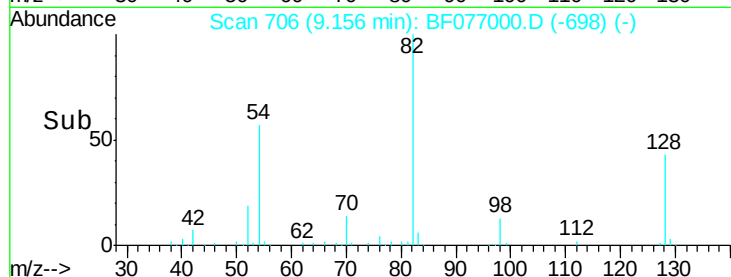
54 57.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 62.18 ng

RT: 9.20 min Scan# 710

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

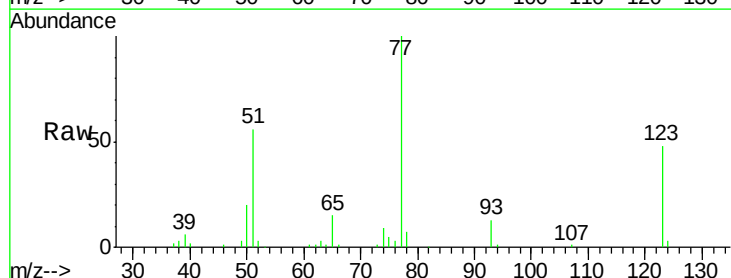
Tgt Ion: 77 Resp: 145258

Ion Ratio Lower Upper

77 100

123 47.9 35.2 52.8

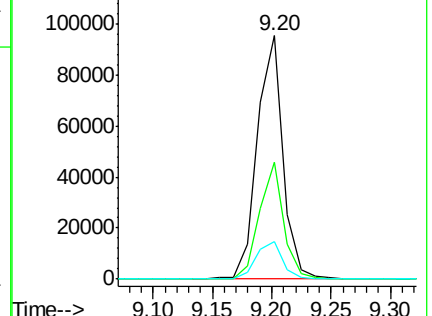
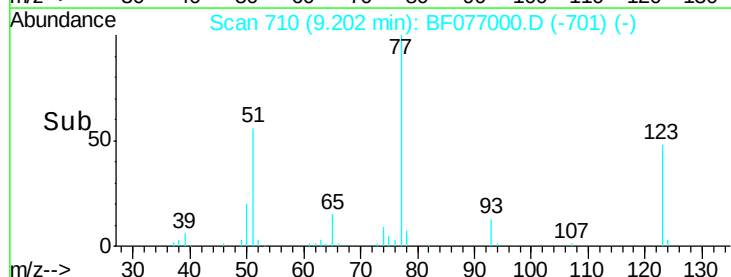
65 15.3 11.4 17.2

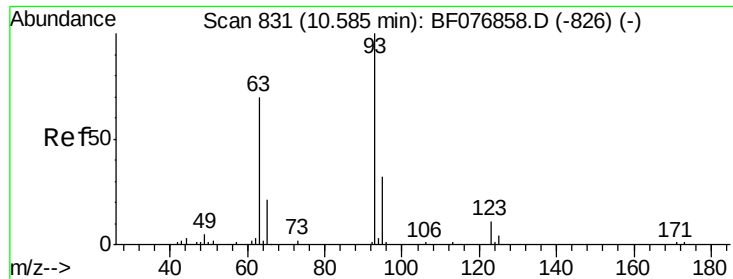


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

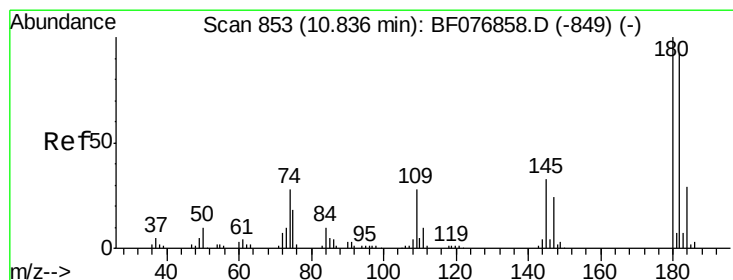
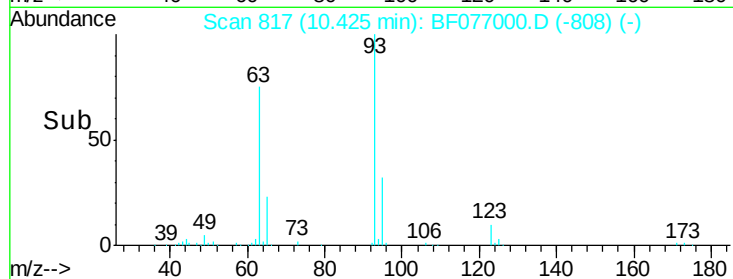
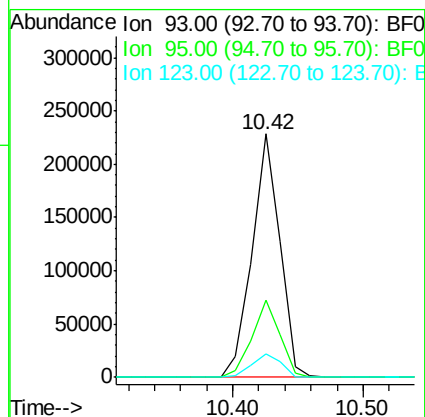
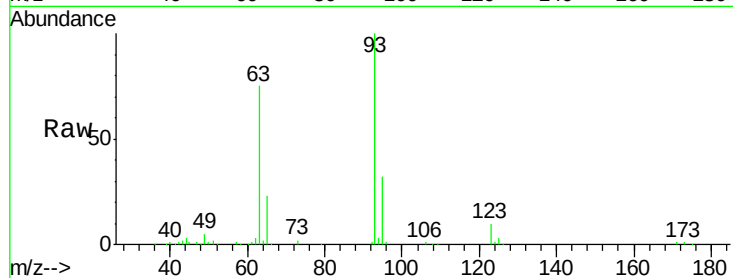




#28
 bis(2-Chloroethoxy)methane
 Concen: 142.49 ng
 RT: 10.42 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

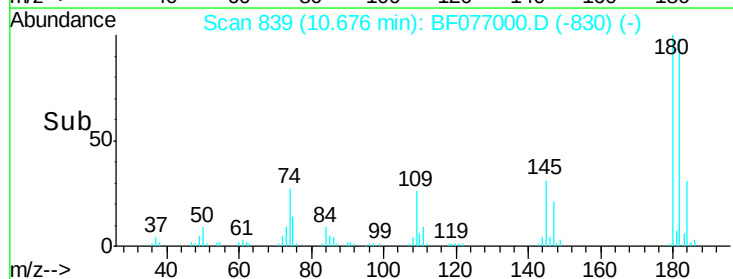
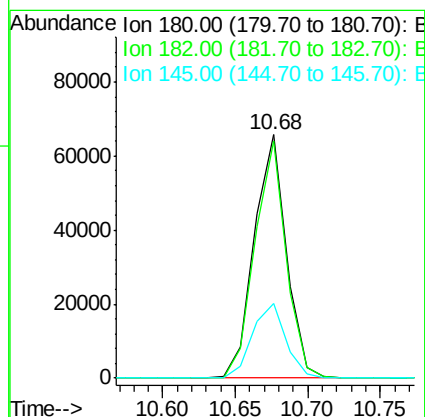
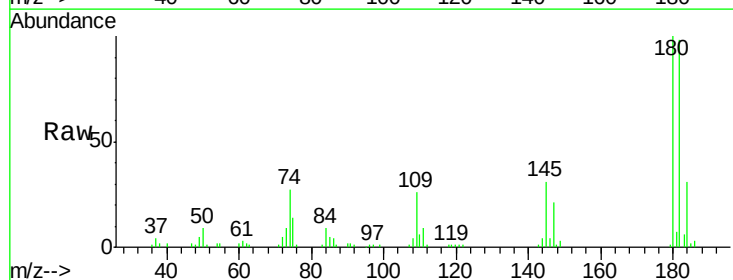
Instrument :
 BNA_F
 ClientSampleId :
 8036

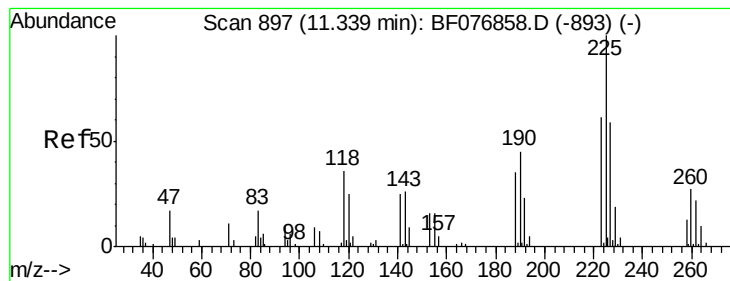
Tot Ion: 93 Resp: 338221
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.6 38.4
 123 9.7 8.9 13.3



#30
 1,2,4-Trichlorobenzene
 Concen: 53.88 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

Tgt Ion: 180 Resp: 100755
 Ion Ratio Lower Upper
 180 100
 182 97.6 73.6 110.4
 145 30.8 26.6 39.8





#34

Hexachlorobutadiene

Concen: 124.94 ng

RT: 11.18 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

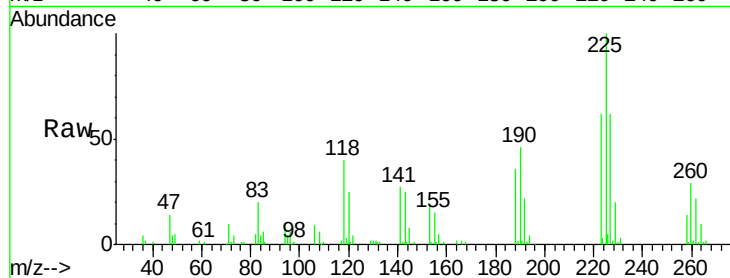
Tot Ion:225 Resp: 138631

Ion Ratio Lower Upper

225 100

223 61.8 49.1 73.7

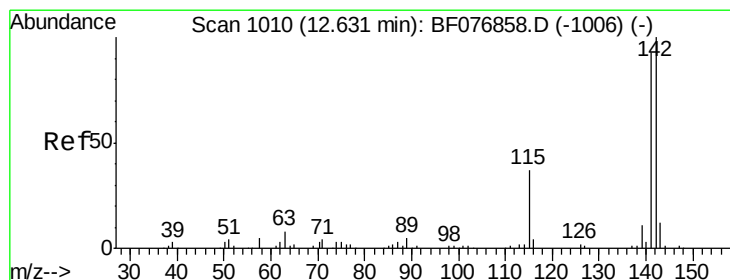
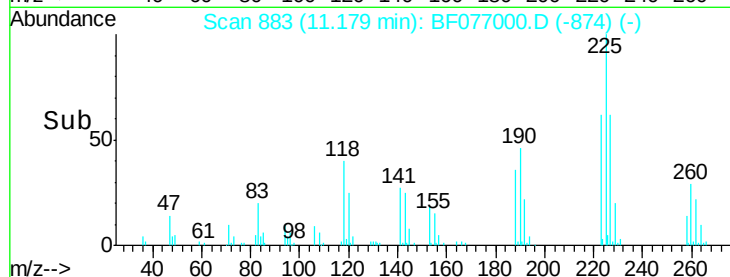
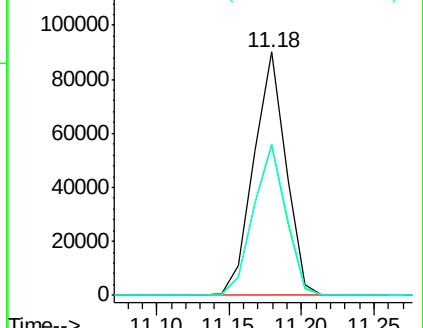
227 62.3 47.5 71.3



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



#37

2-Methylnaphthalene

Concen: 69.45 ng

RT: 12.47 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

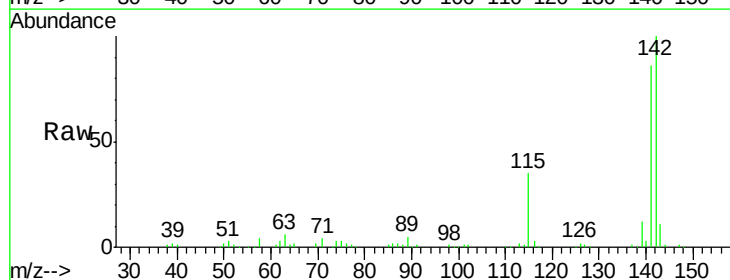
Tgt Ion:142 Resp: 310207

Ion Ratio Lower Upper

142 100

141 86.4 74.5 111.7

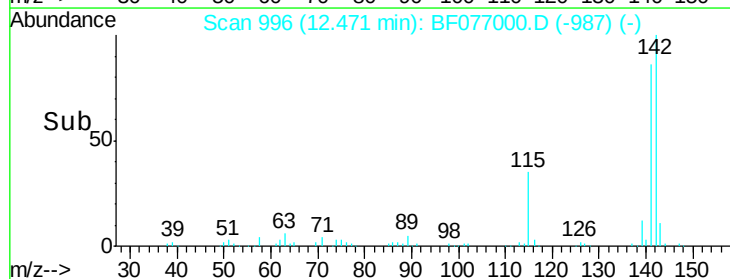
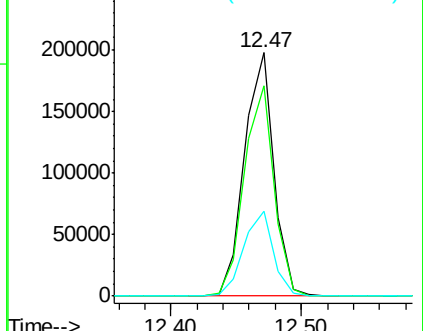
115 34.8 29.7 44.5

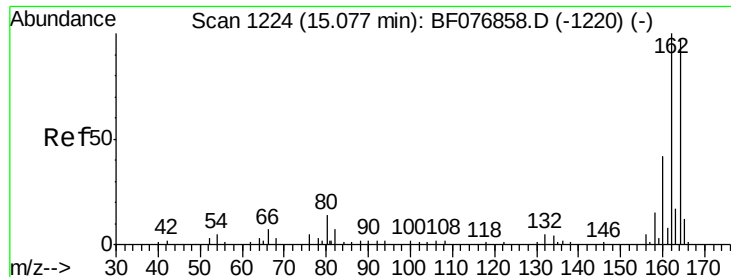


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.89 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

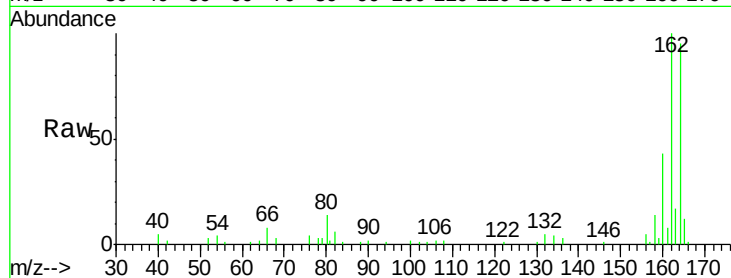
Tot Ion:164 Resp: 68164

Ion Ratio Lower Upper

164 100

162 105.7 82.4 123.6

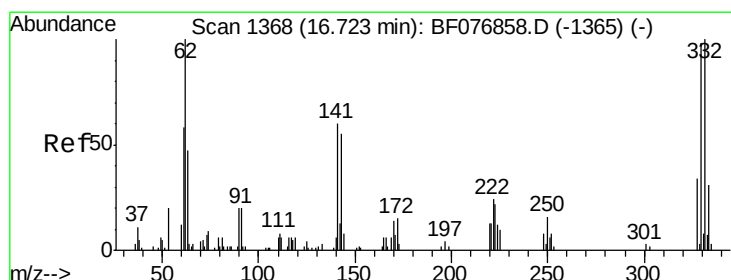
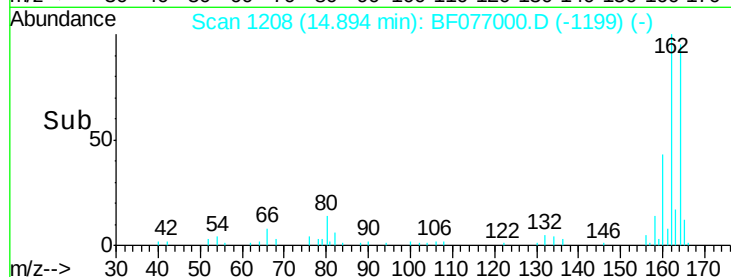
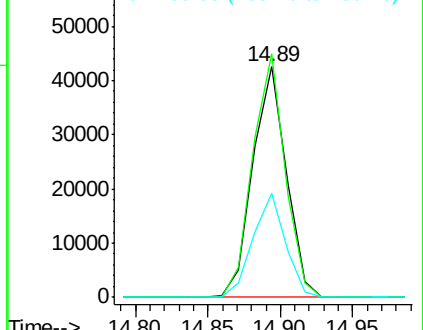
160 45.2 34.8 52.2



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



#41

2,4,6-Tribromophenol

Concen: 172.83 ng

RT: 16.59 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

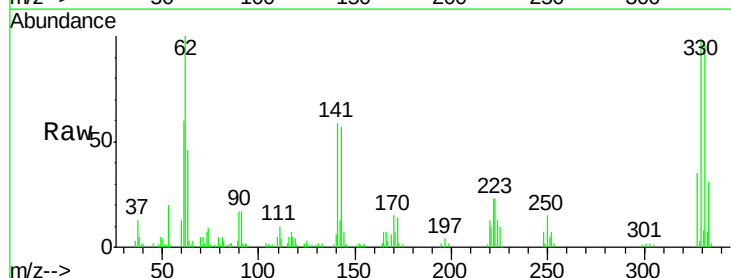
Tgt Ion:330 Resp: 95629

Ion Ratio Lower Upper

330 100

332 98.6 77.8 116.6

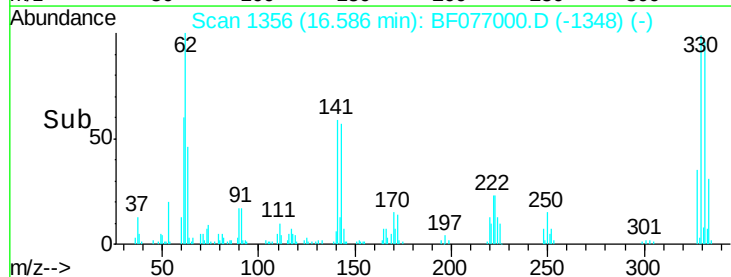
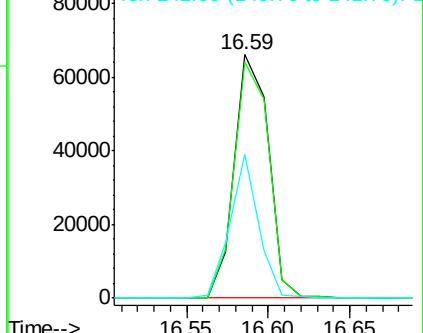
141 49.4 38.5 57.7

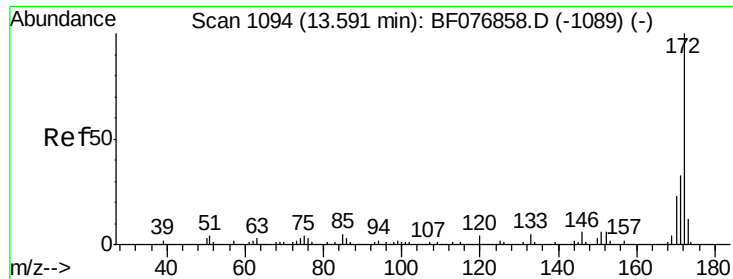


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

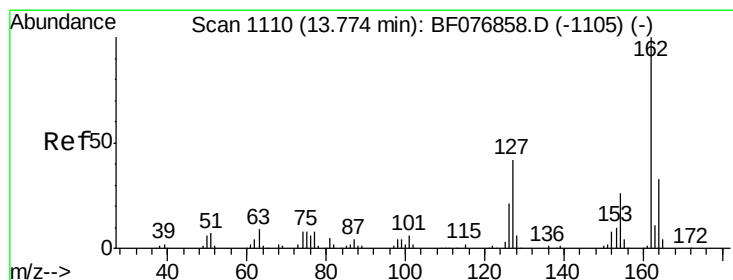
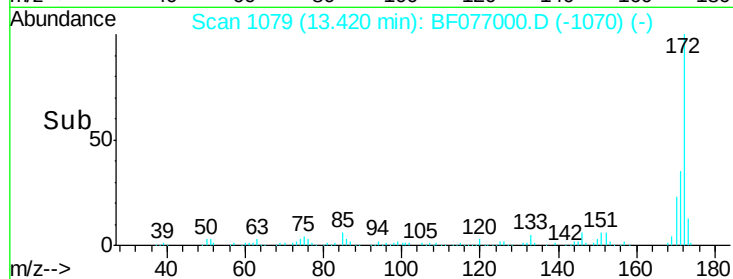
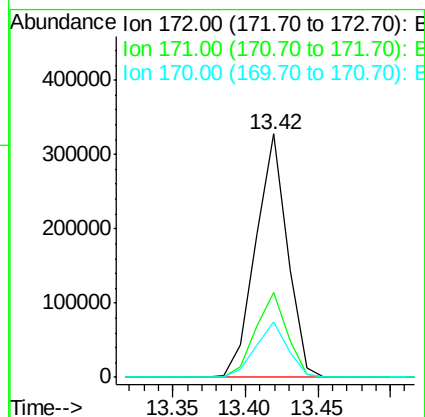
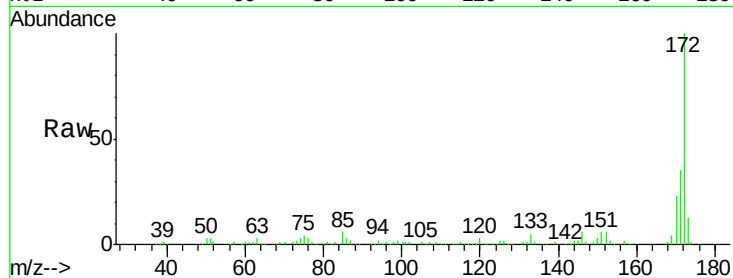




#44
2-Fluorobiphenyl
Concen: 110.69 ng
RT: 13.42 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

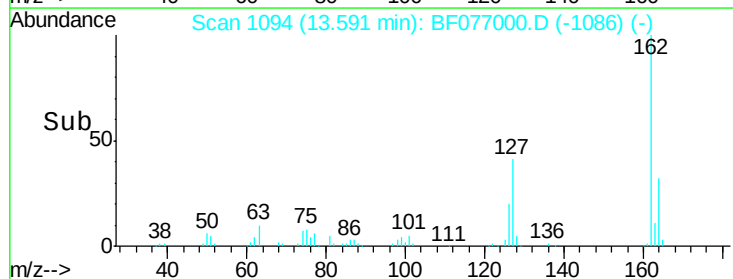
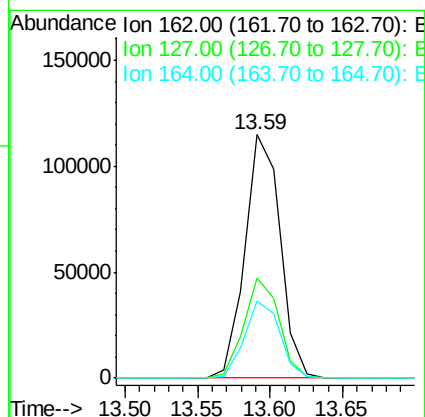
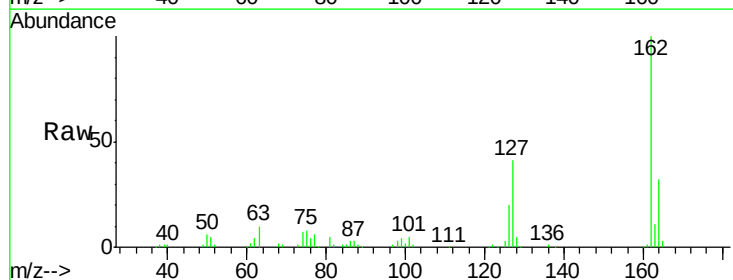
Instrument :
BNA_F
ClientSampleId :
8036

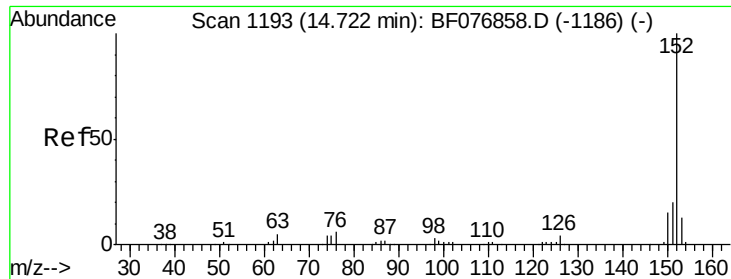
Tot Ion:172 Resp: 495801
Ion Ratio Lower Upper
172 100
171 34.6 26.6 40.0
170 22.6 18.0 27.0



#46
2-Chloronaphthalene
Concen: 46.60 ng
RT: 13.59 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:162 Resp: 193788
Ion Ratio Lower Upper
162 100
127 41.1 33.8 50.6
164 31.7 26.8 40.2





#48

Acenaphthylene

Concen: 64.10 ng

RT: 14.54 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

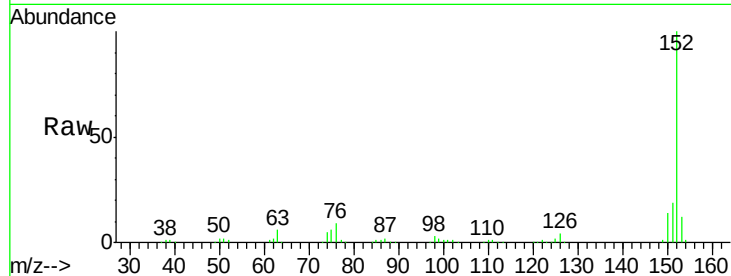
Tot Ion:152 Resp: 449608

Ion Ratio Lower Upper

152 100

151 19.4 15.9 23.9

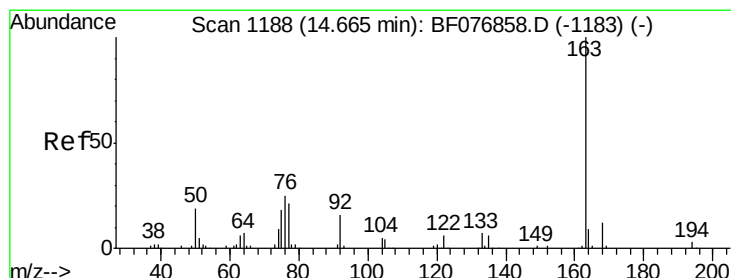
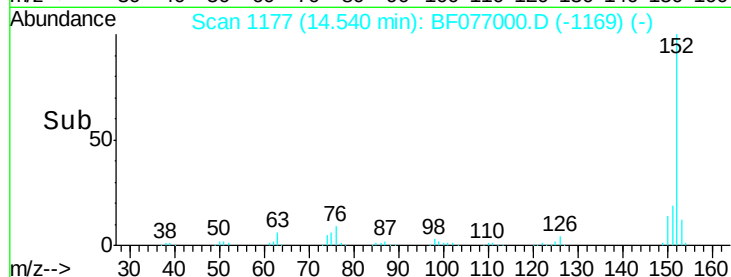
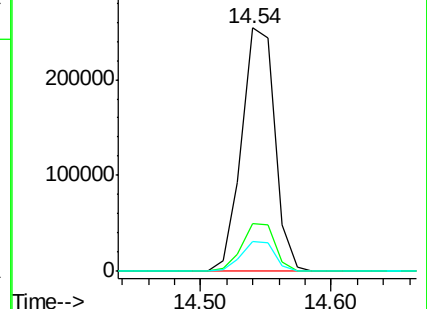
153 12.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 89.45 ng

RT: 14.49 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

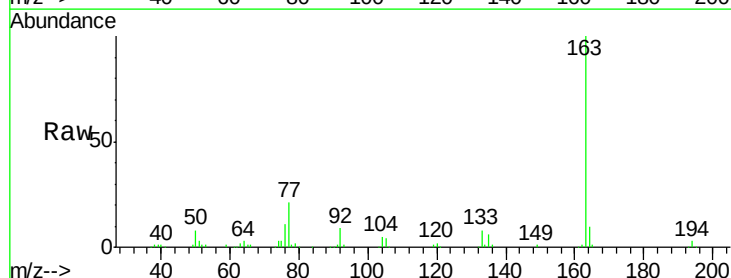
Tgt Ion:163 Resp: 432407

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

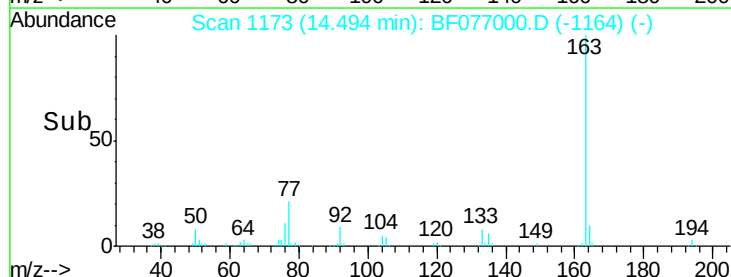
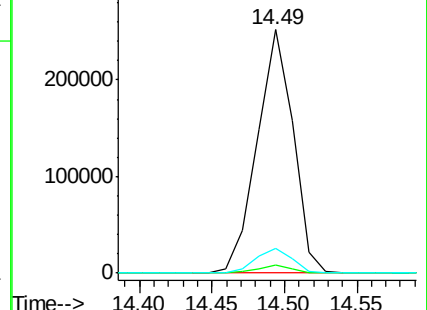
164 10.1 7.5 11.3

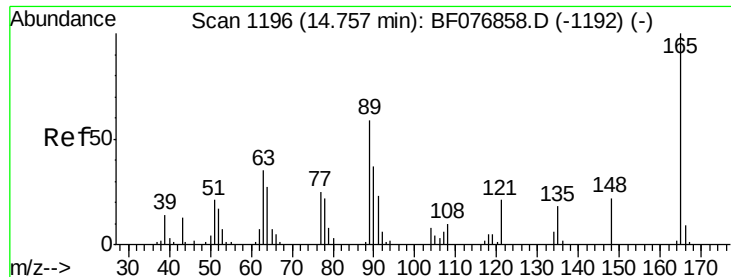


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

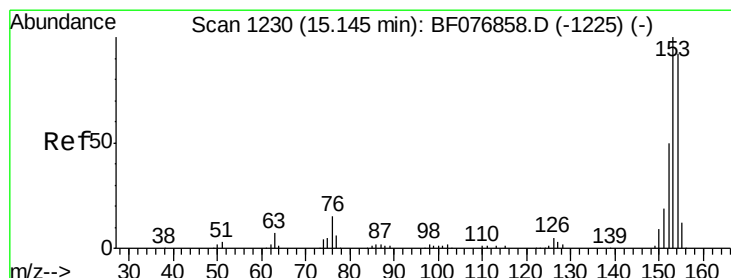
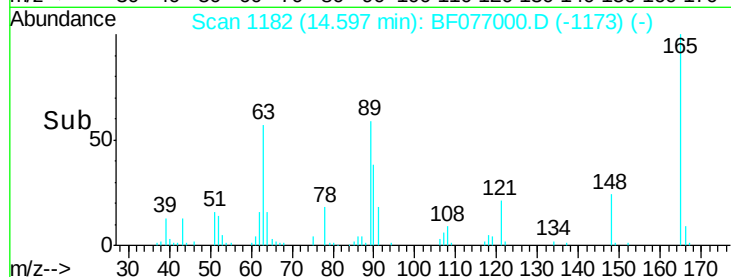
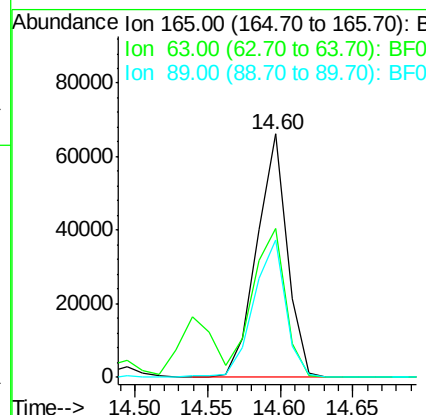
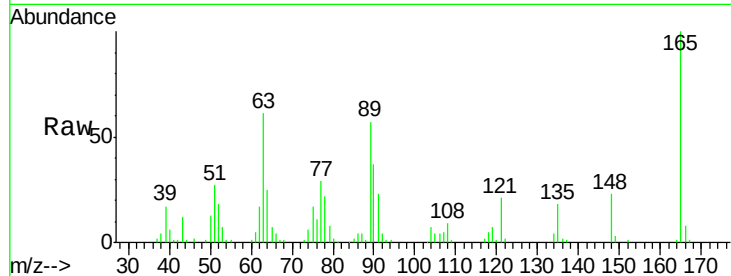




#50
 2,6-Dinitrotoluene
 Concen: 99.80 ng
 RT: 14.60 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

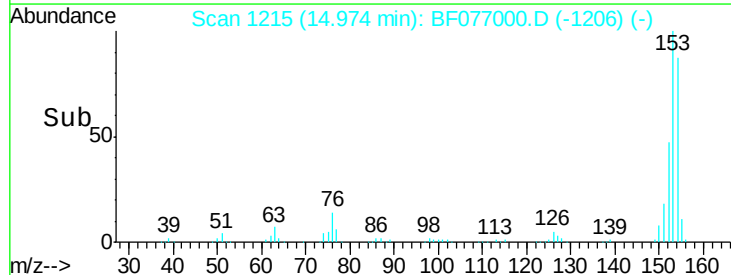
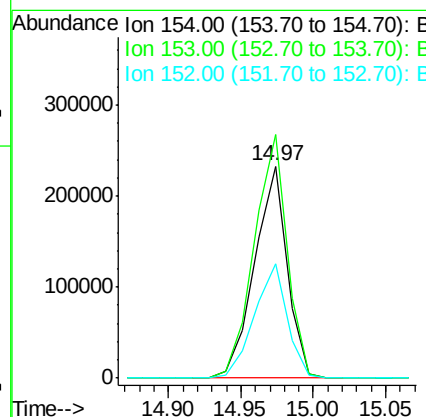
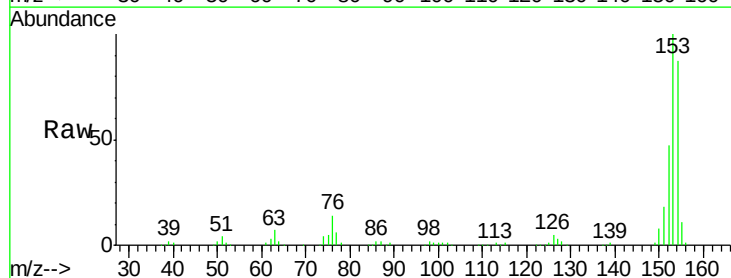
Instrument :
 BNA_F
 ClientSampled :
 8036

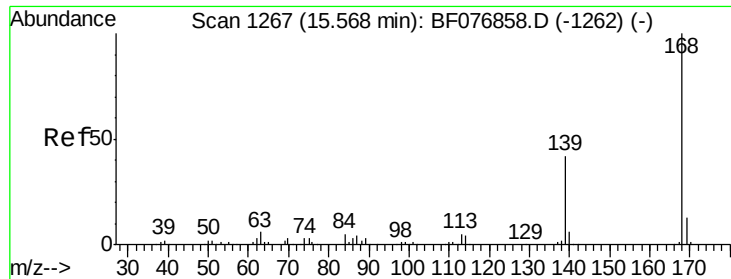
Tot Ion:165 Resp: 96389
 Ion Ratio Lower Upper
 165 100
 63 61.1 48.1 72.1
 89 56.5 47.2 70.8



#51
 Acenaphthene
 Concen: 91.40 ng
 RT: 14.97 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

Tgt Ion:154 Resp: 363737
 Ion Ratio Lower Upper
 154 100
 153 114.7 87.0 130.6
 152 53.9 43.5 65.3

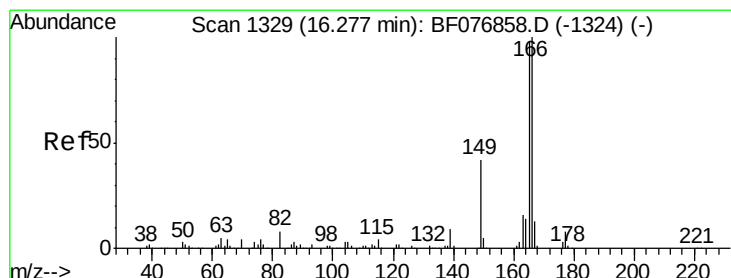
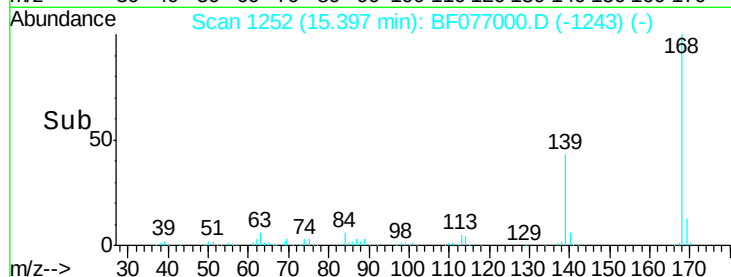
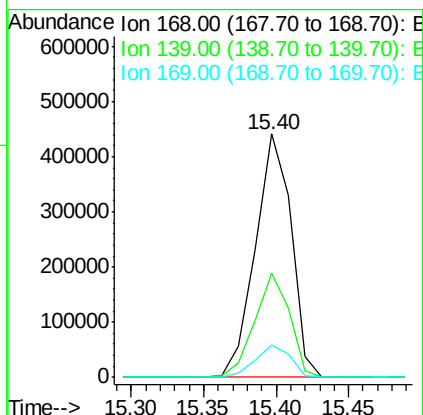
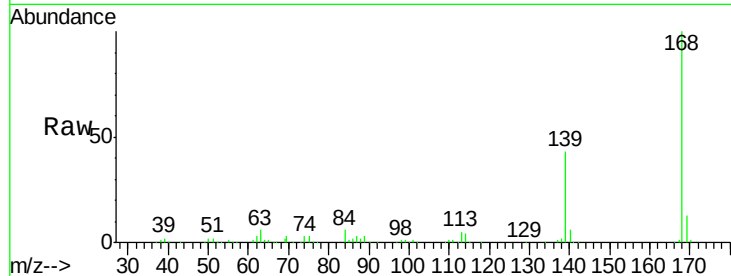




#54
Dibenzenofuran
Concen: 130.35 ng
RT: 15.40 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

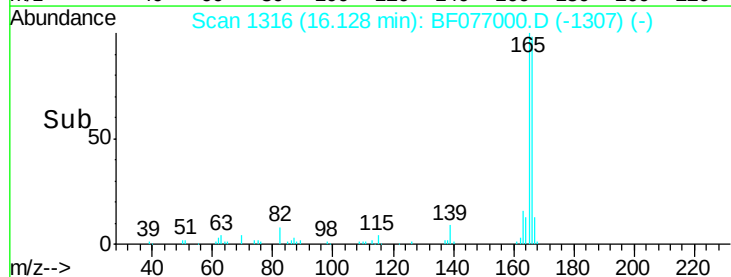
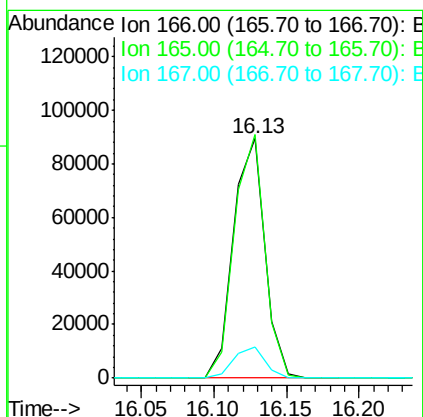
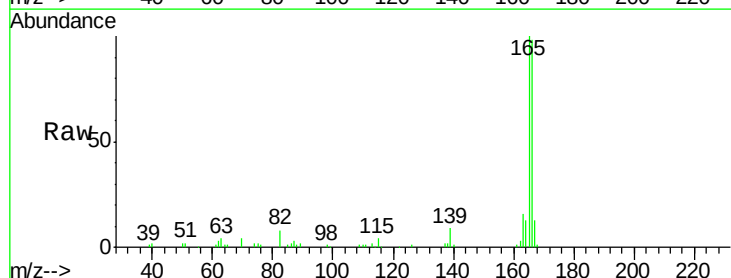
Instrument :
BNA_F
ClientSampled :
8036

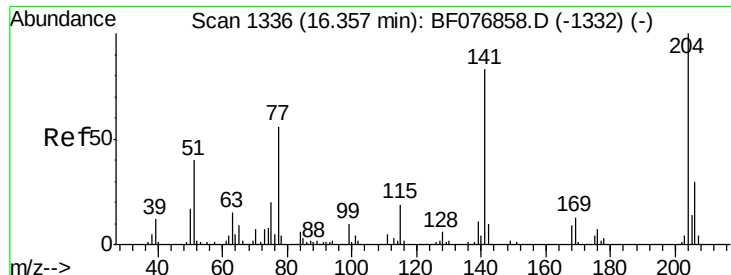
Tot Ion:168 Resp: 755684
Ion Ratio Lower Upper
168 100
139 43.0 33.4 50.2
169 13.2 10.6 15.8



#57
Fluorene
Concen: 27.30 ng
RT: 16.13 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:166 Resp: 134070
Ion Ratio Lower Upper
166 100
165 101.7 78.5 117.7
167 12.8 10.4 15.6

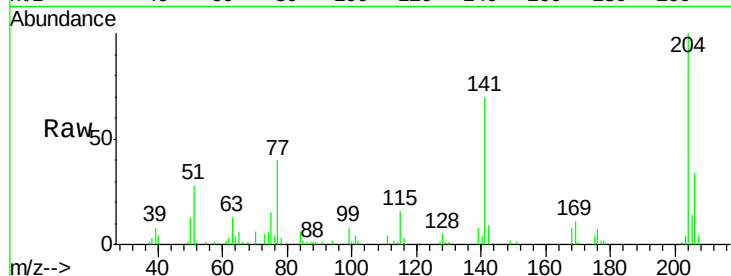




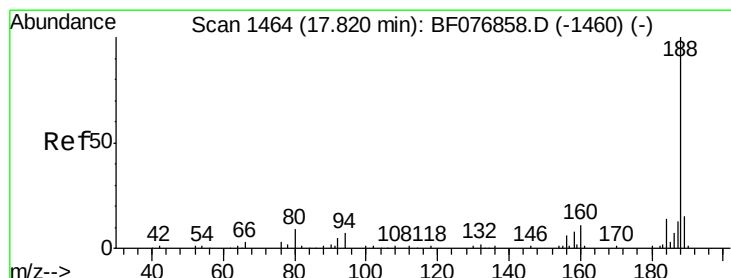
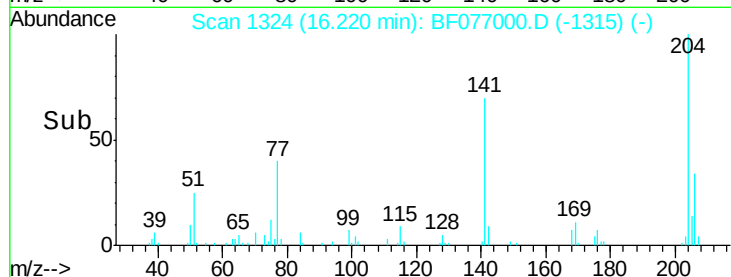
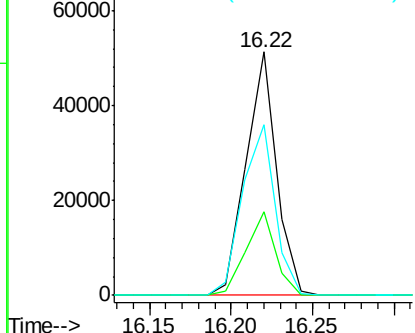
#60
4-Chlorophenyl-phenylether
Concen: 33.18 ng
RT: 16.22 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Instrument :
BNA_F
ClientSampleId :
8036

Tot Ion:204 Resp: 66680
Ion Ratio Lower Upper
204 100
206 34.3 24.2 36.2
141 70.3 66.7 100.1

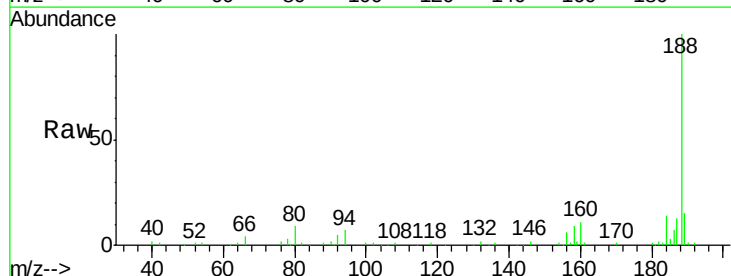


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

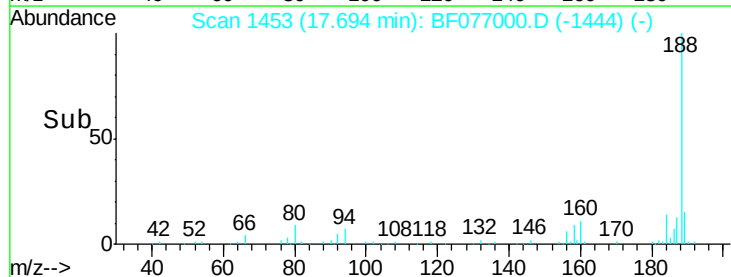
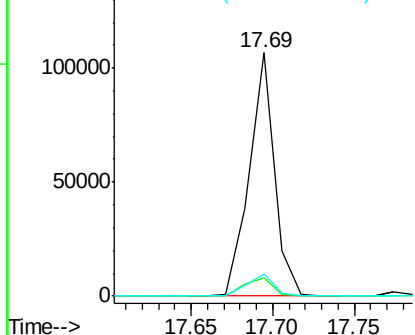


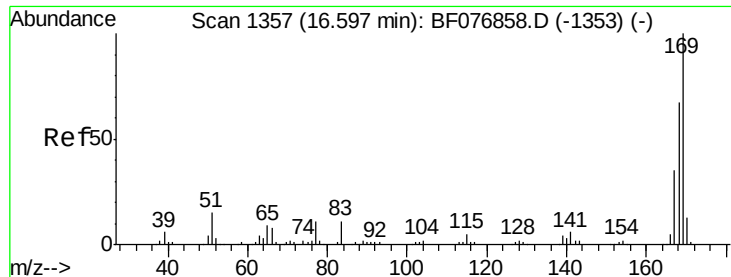
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:188 Resp: 114414
Ion Ratio Lower Upper
188 100
94 7.5 6.0 9.0
80 9.4 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

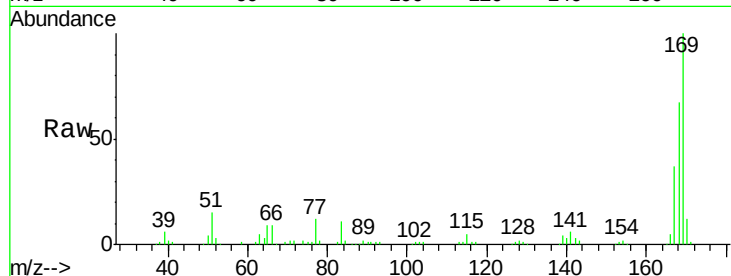




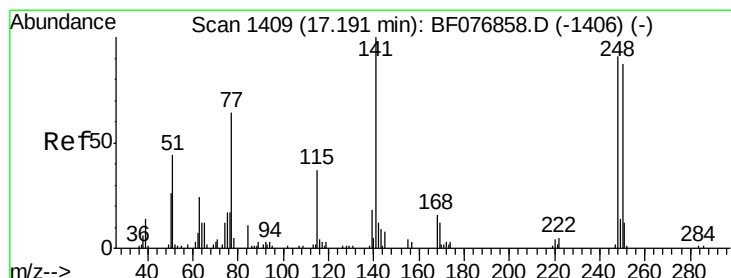
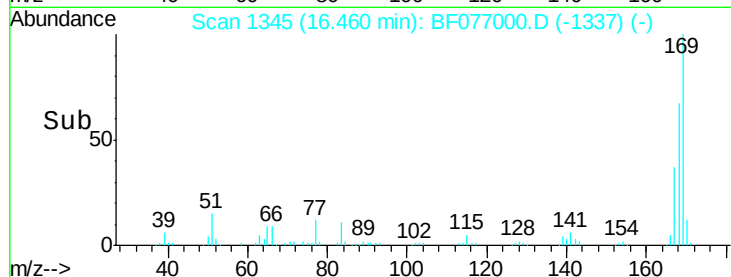
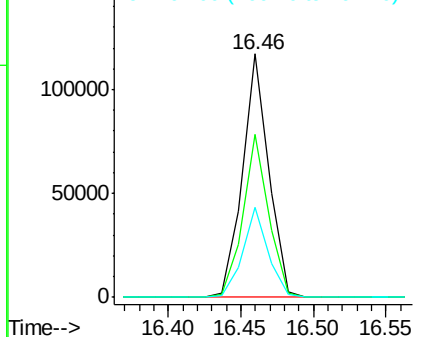
#65
 n-Nitrosodiphenylamine
 Concen: 36.05 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

Instrument :
 BNA_F
 ClientSampleId :
 8036

Tot Ion:169 Resp: 147062
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.8 80.6
 167 37.1 27.8 41.6

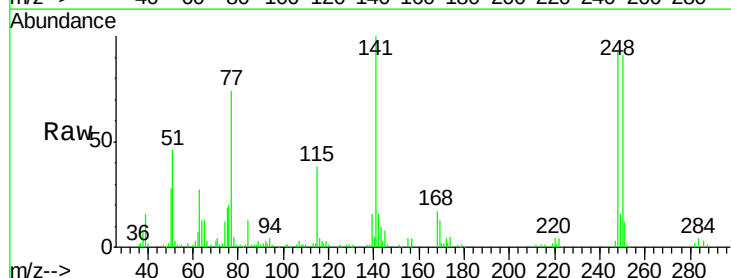


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

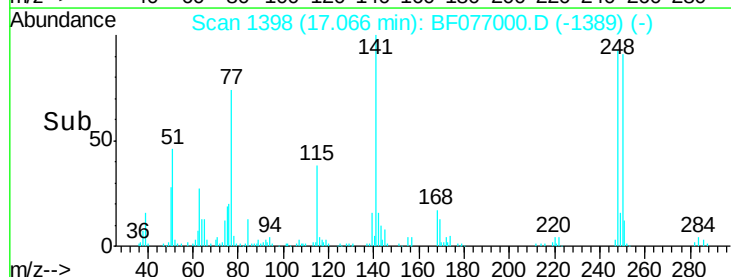
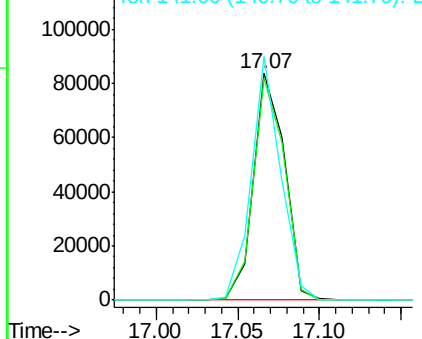


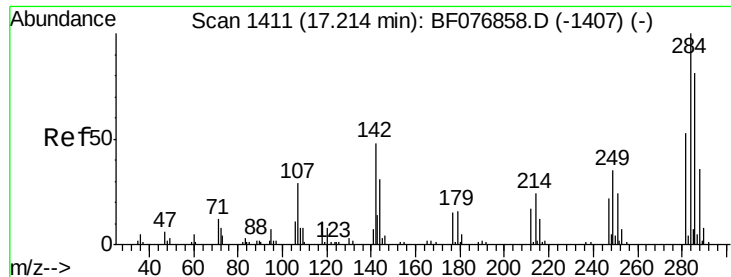
#66
 4-Bromophenyl-phenylether
 Concen: 95.91 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

Tgt Ion:248 Resp: 111174
 Ion Ratio Lower Upper
 248 100
 250 97.7 77.1 115.7
 141 107.4 88.2 132.4



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

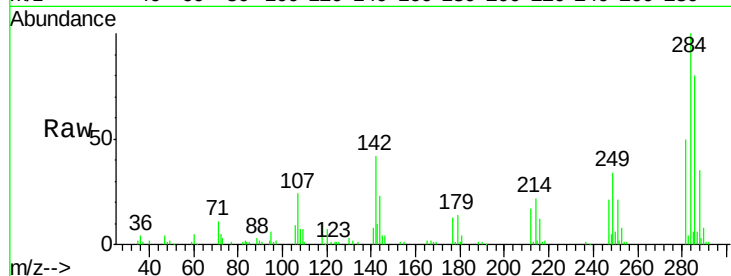




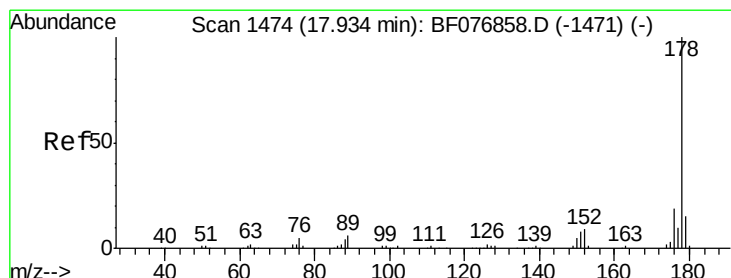
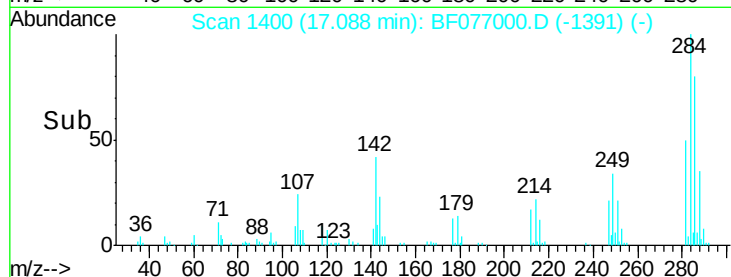
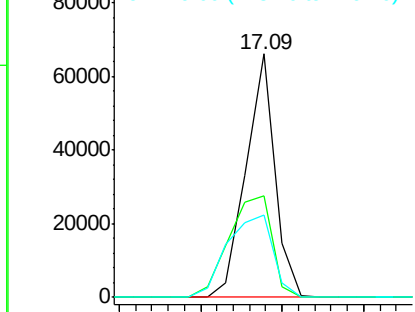
#67
Hexachlorobenzene
Concen: 66.54 ng
RT: 17.09 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Instrument :
BNA_F
ClientSampleId :
8036

Tot Ion:284 Resp: 81278
Ion Ratio Lower Upper
284 100
142 41.8 38.2 57.4
249 33.9 28.2 42.2

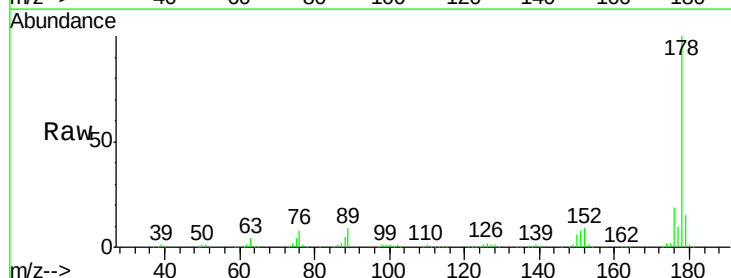


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

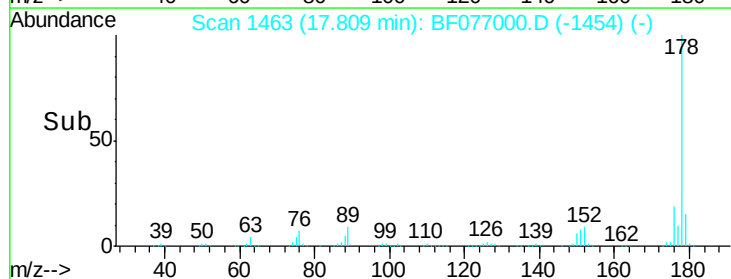
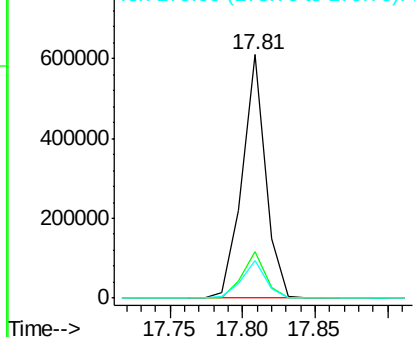


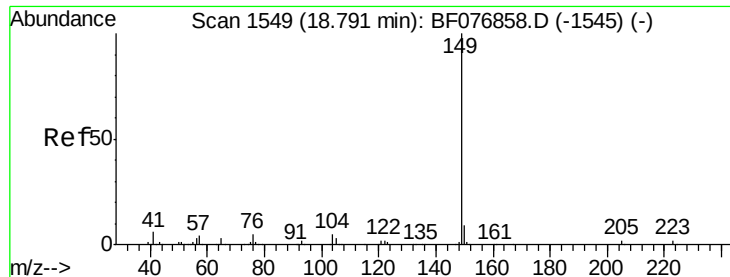
#71
Anthracene
Concen: 98.21 ng
RT: 17.81 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:178 Resp: 683331
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 11.9 17.9



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

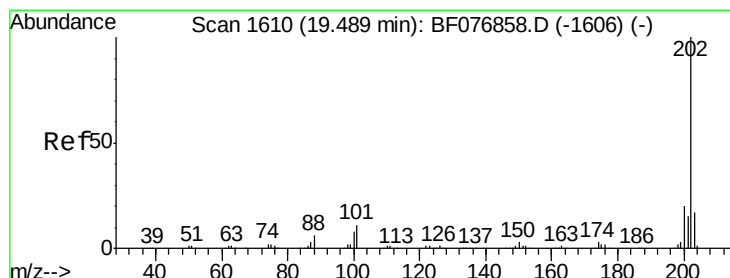
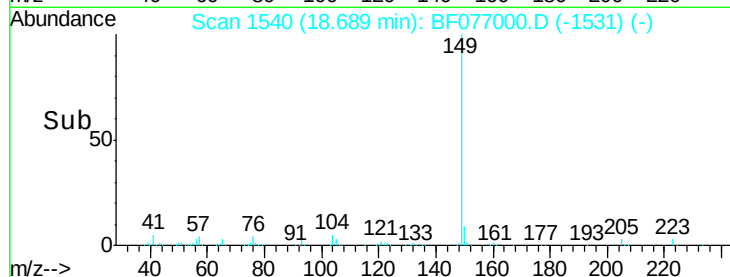
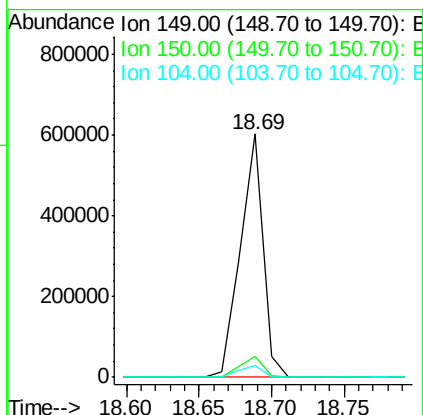
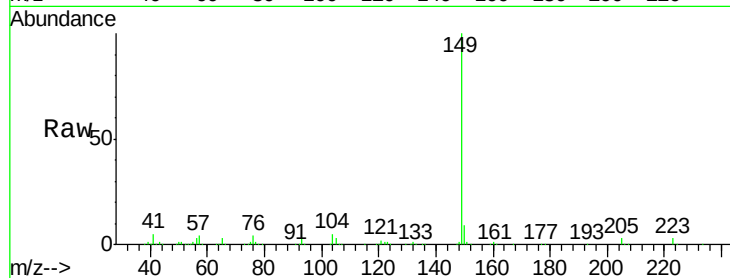




#73
Di-n-butylphthalate
Concen: 83.70 ng
RT: 18.69 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

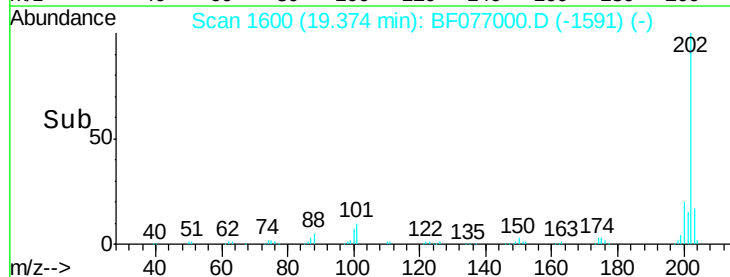
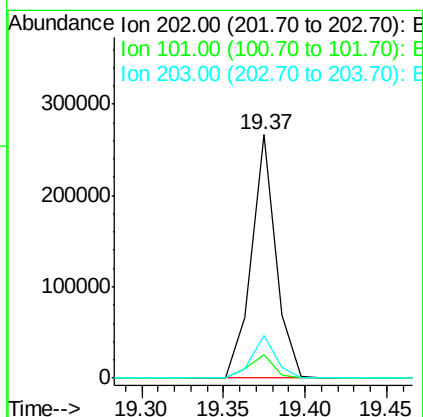
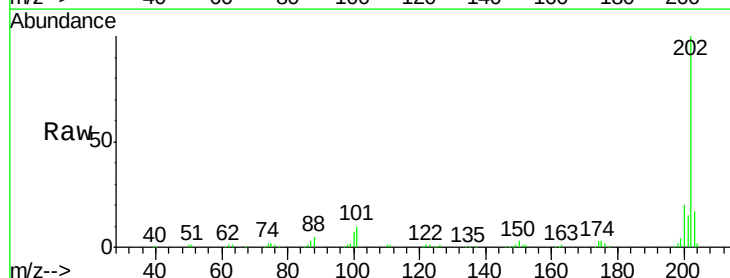
Instrument :
BNA_F
ClientSampleId :
8036

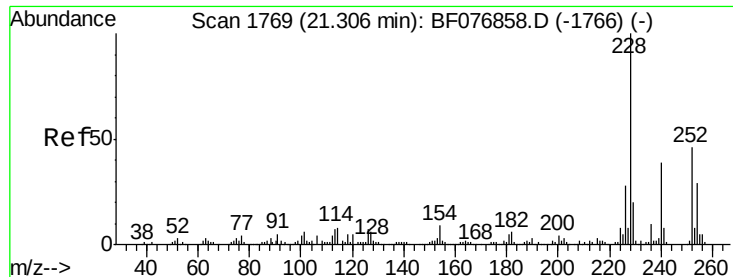
Tot Ion:149 Resp: 653827
Ion Ratio Lower Upper
149 100
150 8.7 6.9 10.3
104 4.6 3.7 5.5



#74
Fluoranthene
Concen: 38.06 ng
RT: 19.37 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:202 Resp: 278272
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.7
203 17.4 0.0 36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

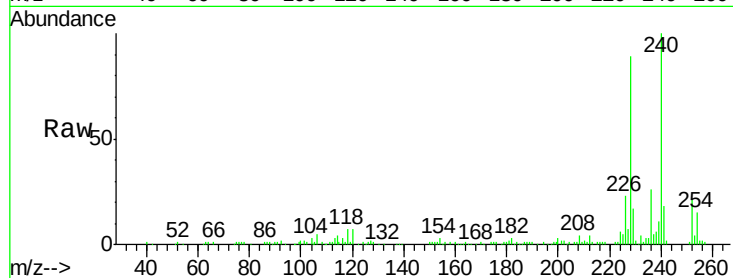
Tot Ion:240 Resp: 119126

Ion Ratio Lower Upper

240 100

120 7.5 10.4 15.6#

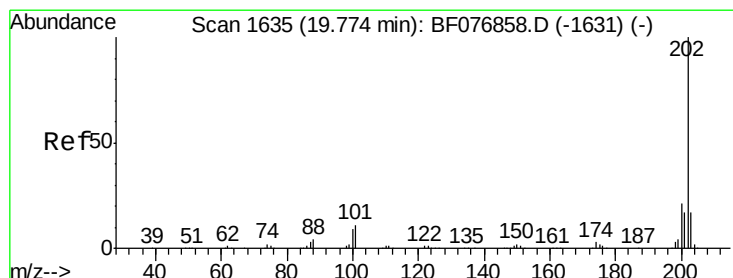
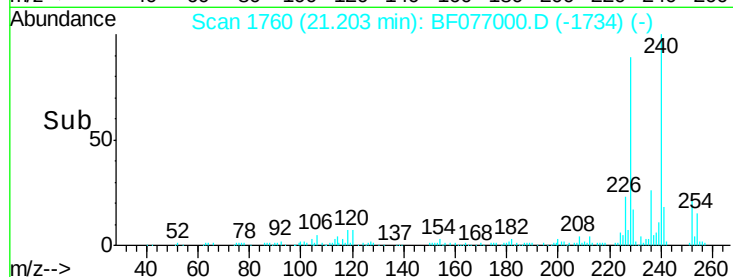
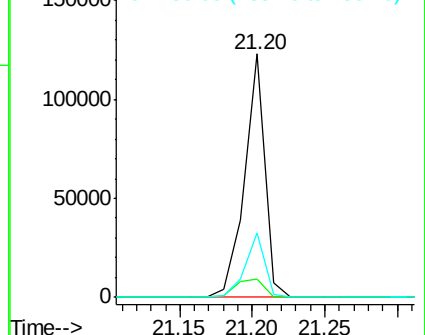
236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 85.45 ng

RT: 19.66 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

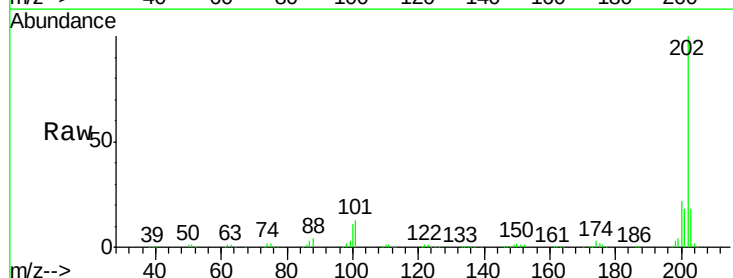
Tgt Ion:202 Resp: 697638

Ion Ratio Lower Upper

202 100

200 22.1 16.7 25.1

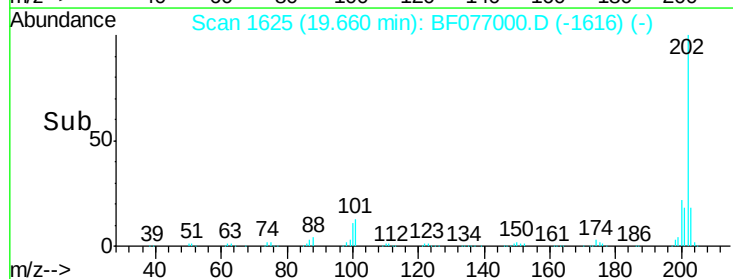
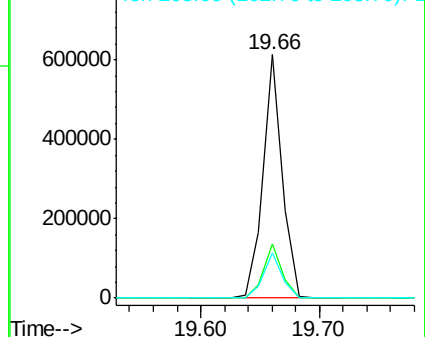
203 18.4 14.0 21.0

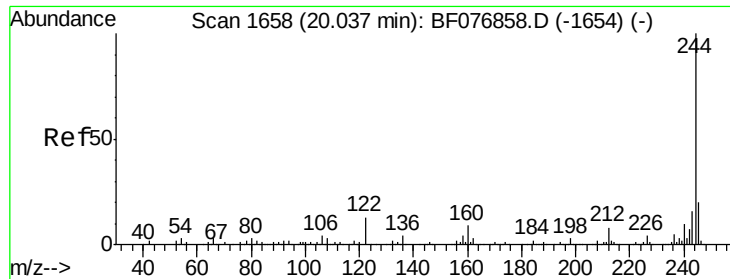


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

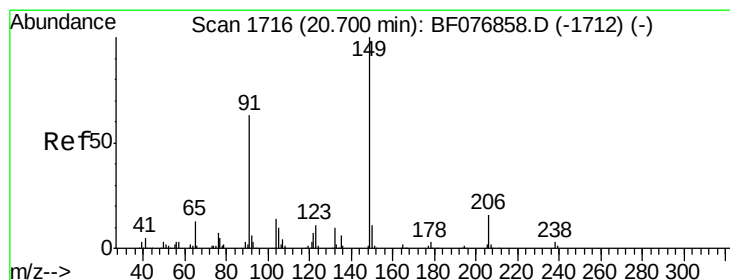
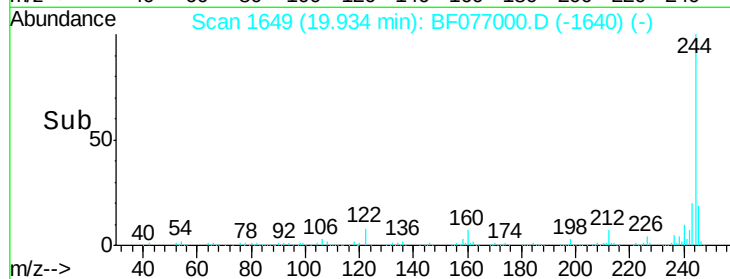
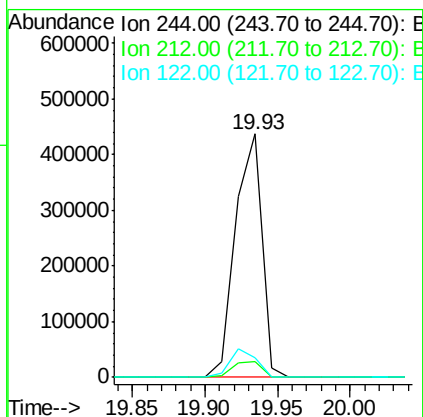
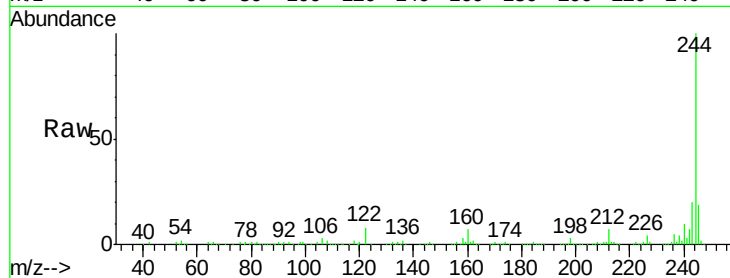




#78
 Terphenyl-d14
 Concen: 107.01 ng
 RT: 19.93 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

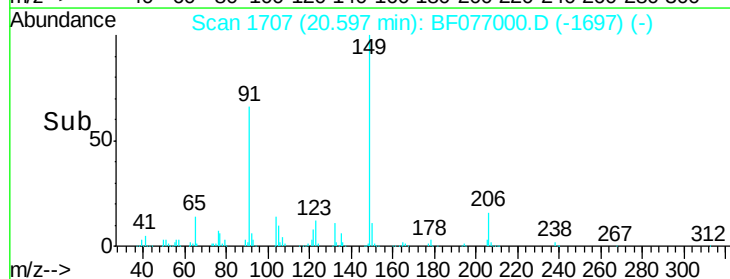
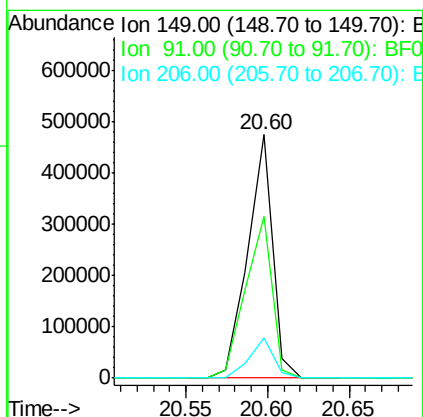
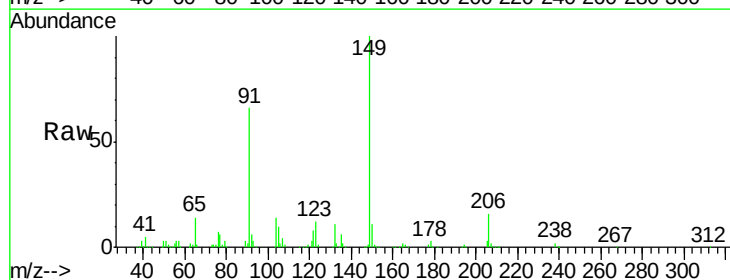
Instrument :
 BNA_F
 ClientSampleId :
 8036

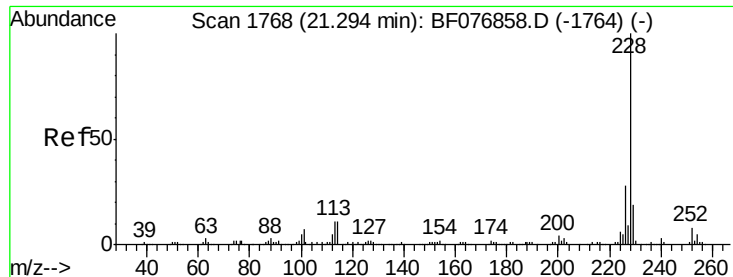
Tot Ion:244 Resp: 553718
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.3 9.5
 122 8.1 10.1 15.1#



#79
 Butylbenzylphthalate
 Concen: 136.49 ng
 RT: 20.60 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BF077000.D
 Acq: 21 Jan 2015 17:33

Tgt Ion:149 Resp: 504679
 Ion Ratio Lower Upper
 149 100
 91 66.4 50.6 76.0
 206 16.3 12.8 19.2

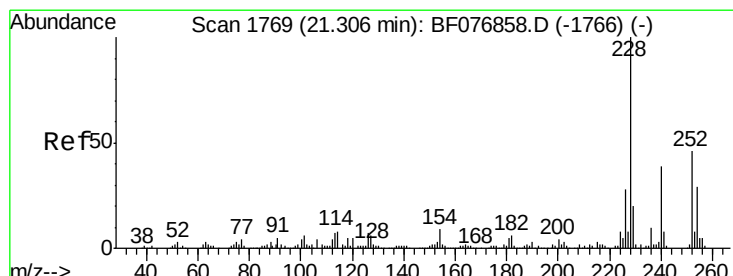
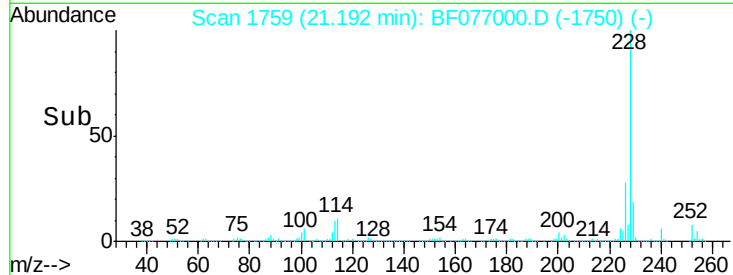
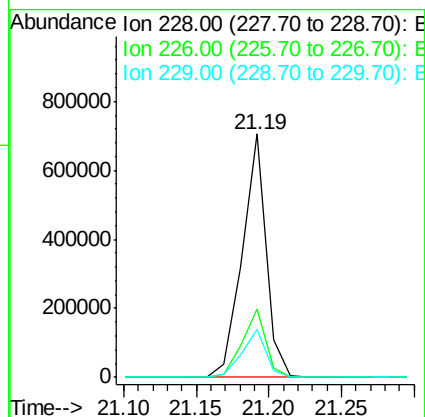
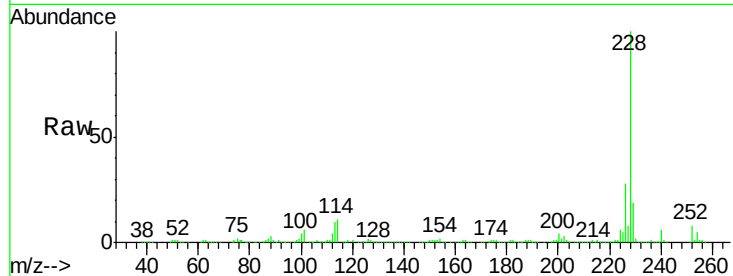




#80
Benzo(a)anthracene
Concen: 108.31 ng
RT: 21.19 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

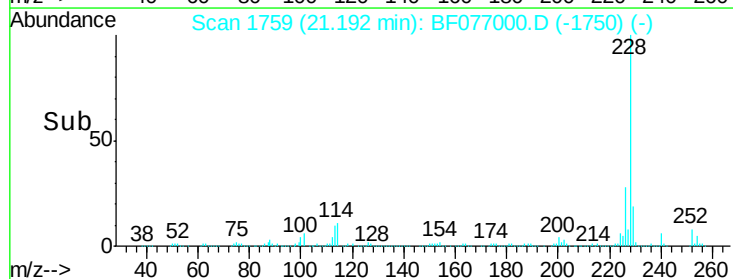
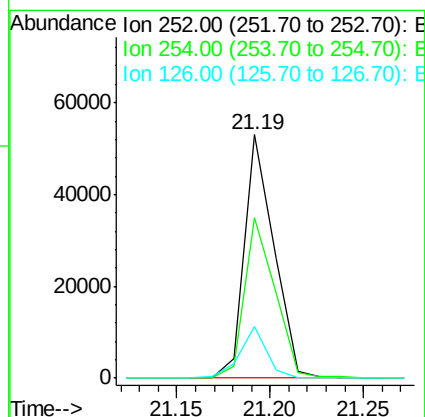
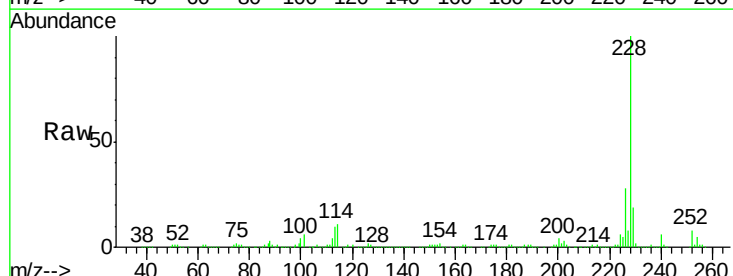
Instrument :
BNA_F
ClientSampleId :
8036

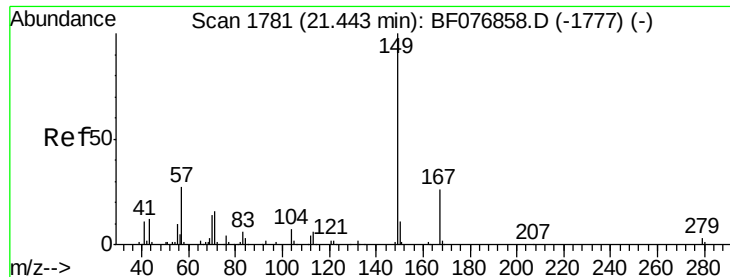
Tot Ion:228 Resp: 809472
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 19.4 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 24.66 ng
RT: 21.19 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:252 Resp: 58561
Ion Ratio Lower Upper
252 100
254 65.8 50.2 75.4
126 21.2 11.5 17.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 162.97 ng

RT: 21.34 min Scan# 1772

Delta R.T. 0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

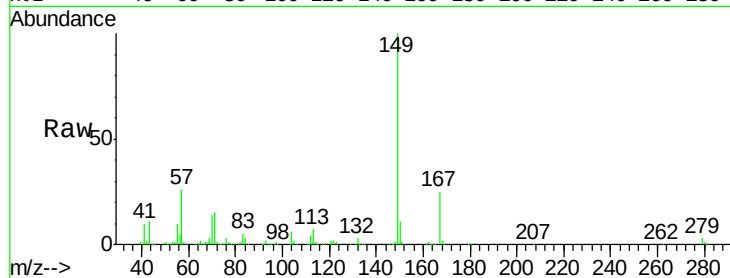
Tot Ion:149 Resp: 833738

Ion Ratio Lower Upper

149 100

167 25.3 20.6 30.8

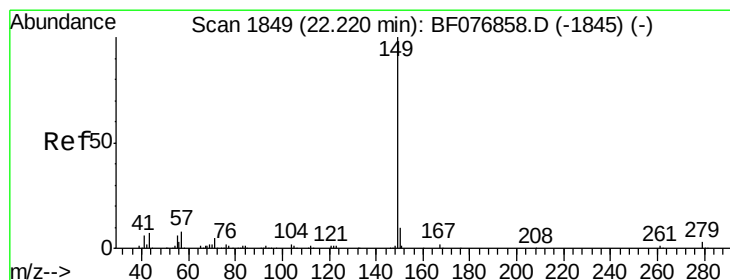
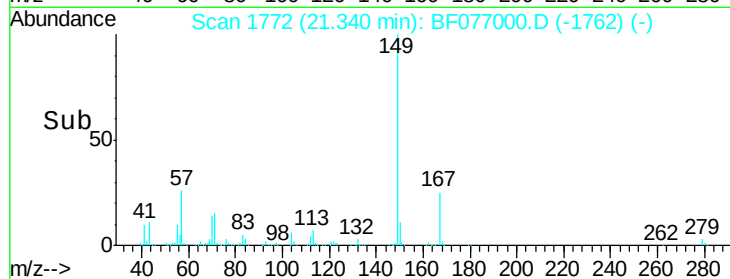
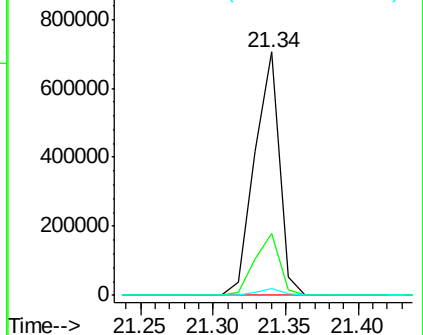
279 2.8 2.2 3.2



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: 94.70 ng

RT: 22.12 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

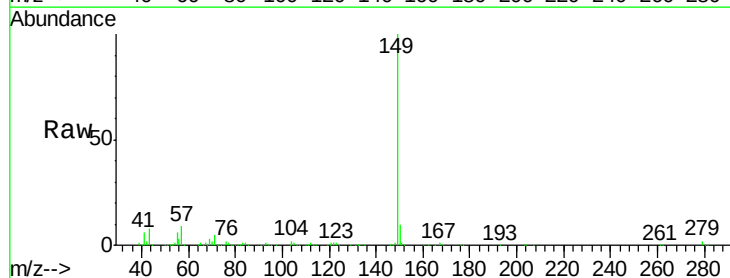
Tgt Ion:149 Resp: 840864

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

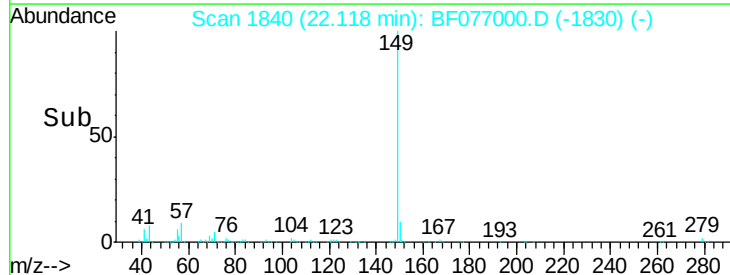
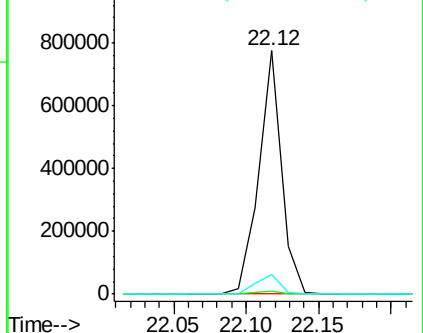
43 8.8 6.6 10.0

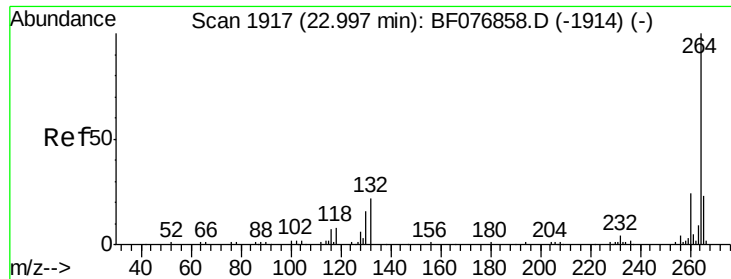


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

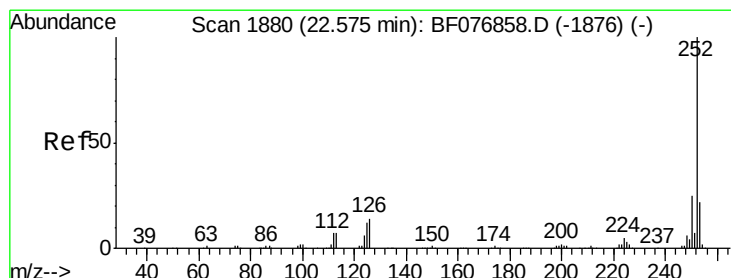
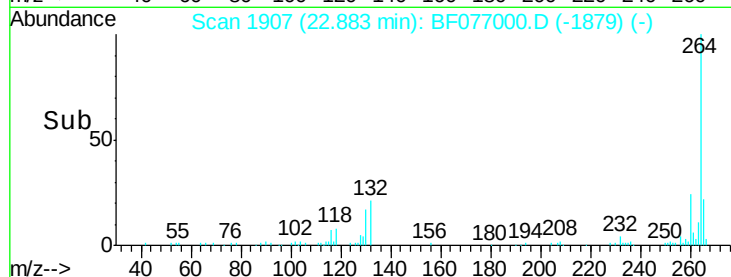
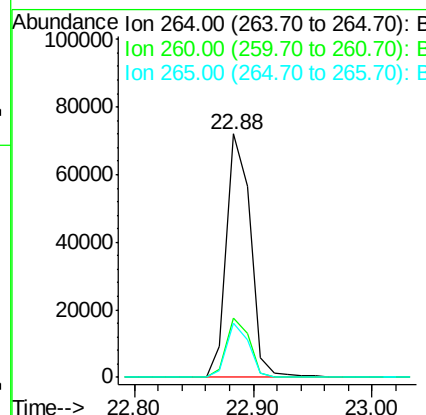
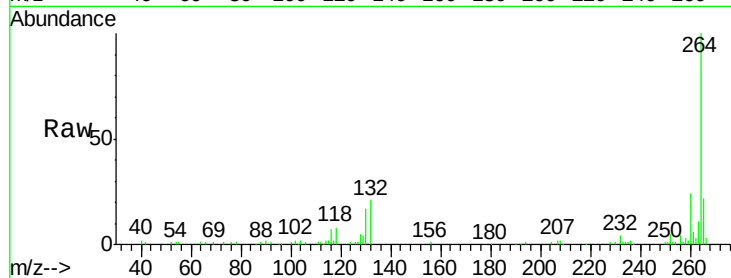




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.88 min Scan# 1907
Delta R.T. 0.02 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

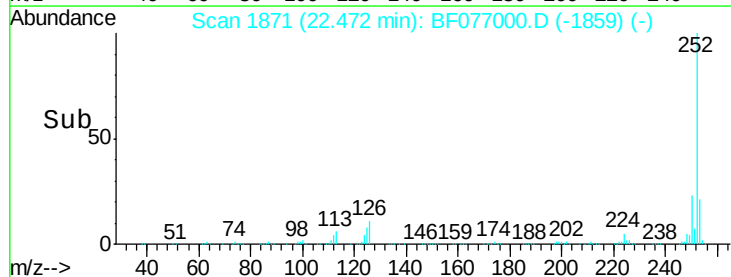
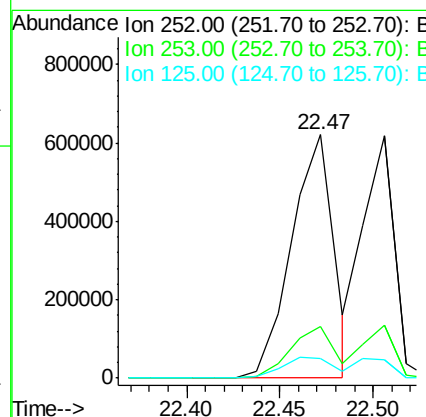
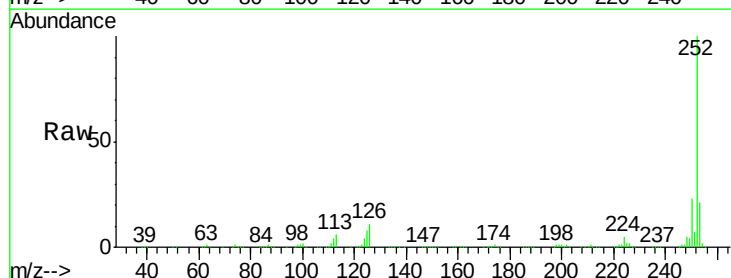
Instrument :
BNA_F
ClientSampleId :
8036

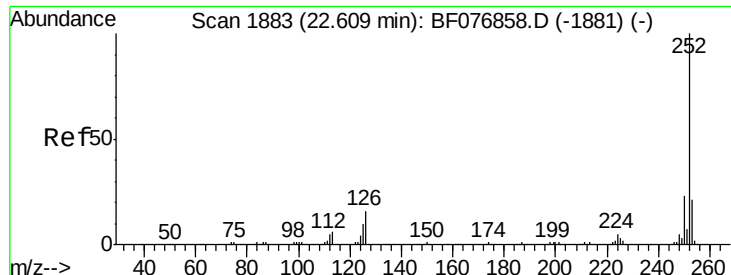
Tot Ion:264 Resp: 100204
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.4
265 22.4 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 145.72 ng
RT: 22.47 min Scan# 1871
Delta R.T. 0.03 min
Lab File: BF077000.D
Acq: 21 Jan 2015 17:33

Tgt Ion:252 Resp: 983445
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 8.0 9.4 14.0#





#88

Benzo(k)fluoranthene

Concen: 122.34 ng

RT: 22.51 min Scan# 1874

Delta R.T. 0.07 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

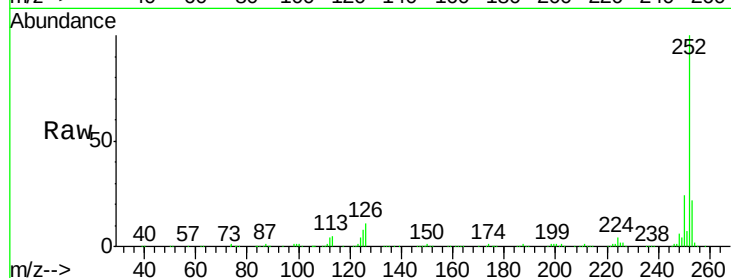
Tot Ion:252 Resp: 721362

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

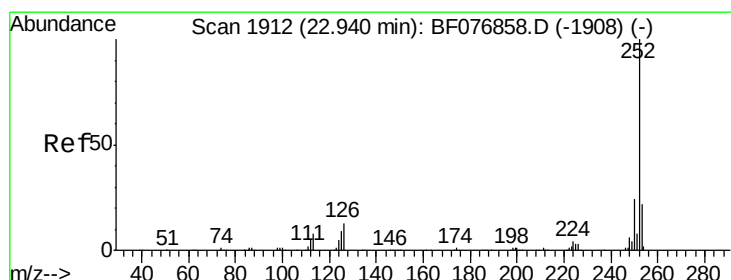
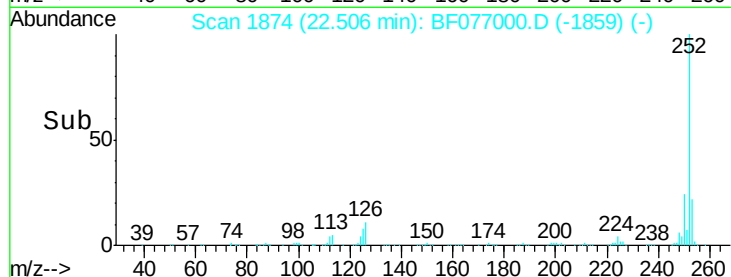
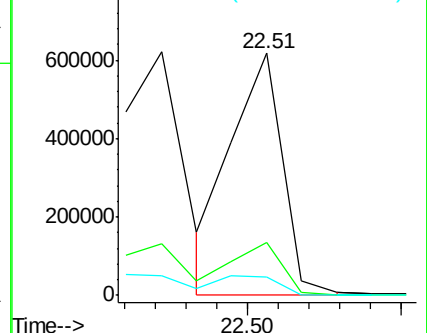
125 7.6 7.1 10.7



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: 157.62 ng

RT: 22.84 min Scan# 1903

Delta R.T. 0.03 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

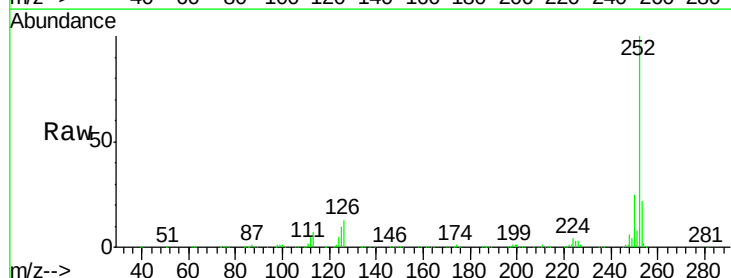
Tgt Ion:252 Resp: 938338

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

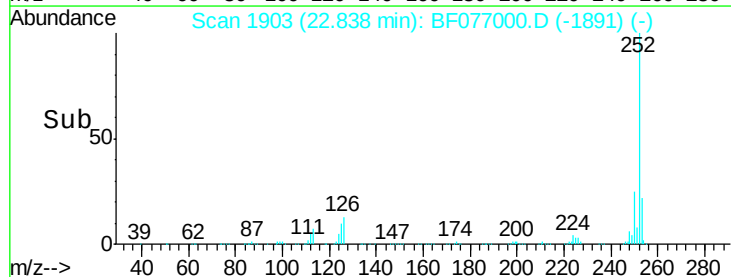
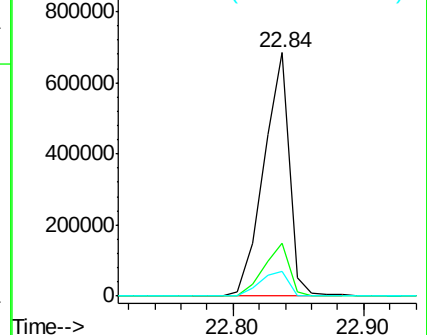
125 9.9 7.2 10.8

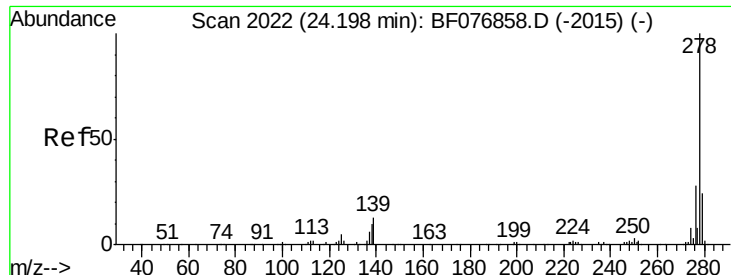


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 22.44 ng

RT: 24.06 min Scan# 2010

Delta R.T. 0.05 min

Lab File: BF077000.D

Acq: 21 Jan 2015 17:33

Instrument :

BNA_F

ClientSampleId :

8036

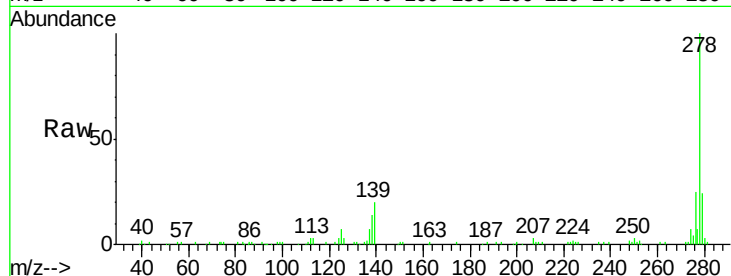
Tot Ion:278 Resp: 122585

Ion Ratio Lower Upper

278 100

139 20.4 10.5 15.7#

279 24.2 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

