

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096758.D
 Acq On : 14 Jul 2017 5:32
 Operator : SJ/JU
 Sample : I4172-05
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESW

Quant Time: Jul 14 06:09:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	114231	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	318213	20.00	ng	0.01
38) Acenaphthene-d10	9.69	164	134221	20.00	ng	0.02
63) Phenanthrene-d10	11.16	188	230298	20.00	ng	0.01
75) Chrysene-d12	13.78	240	193493	20.00	ng	0.00
86) Perylene-d12	15.16	264	137474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	694073	91.36	ng	0.02
7) Phenol-d6	6.29	99	887495	97.35	ng	0.00
23) Nitrobenzene-d5	7.20	82	407890	79.40	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	101751	88.81	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	555172	65.35	ng	0.01
78) Terphenyl-d14	12.73	244	458326	41.08	ng	0.00

Target Compounds

						Qvalue
6) Aniline	6.38	93	115548	10.29	ng	# 53
11) bis(2-Chloroethyl)ether	6.38	93	115548	14.91	ng	94
12) 1,3-Dichlorobenzene	6.58	146	210596	24.17	ng	99
13) 1,4-Dichlorobenzene	6.66	146	823911	93.39	ng	94
14) 1,2-Dichlorobenzene	6.83	146	1962366	244.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.92	45	229249	14.33	ng	98
18) Hexachloroethane	7.14	117	8637	2.76	ng	# 1
19) n-Nitroso-di-n-propylamine	7.20	70	70374	12.81	ng	# 84
20) 3+4-Methylphenols	7.06	107	35397	4.58	ng	# 64
22) Acetophenone	7.04	105	42790	6.02	ng	# 53
27) 2,4-Dimethylphenol	7.59	122	54532	11.22	ng	93
28) bis(2-Chloroethoxy)methane	7.67	93	18721	2.90	ng	# 1
30) 1,2,4-Trichlorobenzene	7.88	180	205589	49.15	ng	95
31) Naphthalene	7.97	128	4331632	287.35	ng	99
32) Benzoic acid	7.89	122	15972	5.14	ng	96
33) 4-Chloroaniline	7.97	127	629012	105.32	ng	# 36
35) Caprolactam	8.38	113	24212	17.18	ng	# 1
36) 4-Chloro-3-methylphenol	8.49	107	14109	2.98	ng	# 1
37) 2-Methylnaphthalene	8.68	142	4585769	477.16	ng	96
45) 1,1'-Biphenyl	9.12	154	818970	71.14	ng	97
47) 2-Nitroaniline	9.22	65	22686	7.79	ng	# 42
48) Acenaphthylene	9.56	152	107658	7.97	ng	# 1
49) Dimethylphthalate	9.41	163	83227	8.24	ng	# 84
50) 2,6-Dinitrotoluene	9.50	165	5469	2.50	ng	# 72
51) Acenaphthene	9.72	154	449299	56.31	ng	94
52) 3-Nitroaniline	9.64	138	5538	2.14	ng	# 30
53) 2,4-Dinitrophenol	9.74	184	2500	8.85	ng	# 1
54) Dibenzofuran	9.89	168	192029	17.18	ng	# 56
55) 4-Nitrophenol	9.84	139	22036	11.63	ng	93
56) 2,4-Dinitrotoluene	9.90	165	49196	17.49	ng	# 38
57) Fluorene	10.23	166	245721	29.74	ng	# 95
60) 4-Chlorophenyl-phenylether	10.24	204	1073	Below Cal		# 1
62) Azobenzene	10.40	77	24016	2.77	ng	# 15
64) 4,6-Dinitro-2-methylphenol	10.30	198	2947	2.04	ng	# 1

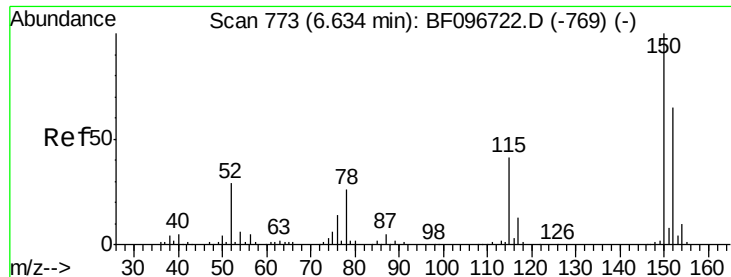
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096758.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.35	169	295908	35.94	nq	# 52
70) Phenanthrene	11.18	178	612445	48.91	nq	99
71) Anthracene	11.18	178	612445	48.37	nq	99
74) Fluoranthene	12.36	202	117337	9.79	nq	99
77) Pyrene	12.59	202	153278	8.73	nq	98
80) Benzo(a)anthracene	13.77	228	36900	3.06	nq	95
82) Chrysene	13.80	228	36692	3.09	nq	94
85) Indeno(1,2,3-cd)pyrene	16.47	276	9548	4.17	nq	# 87
87) Benzo(b)fluoranthene	14.78	252	32344	3.90	nq	# 85
88) Benzo(k)fluoranthene	14.78	252	32344	4.12	nq	# 89
89) Benzo(a)pyrene	15.10	252	16916	2.22	nq	# 82

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

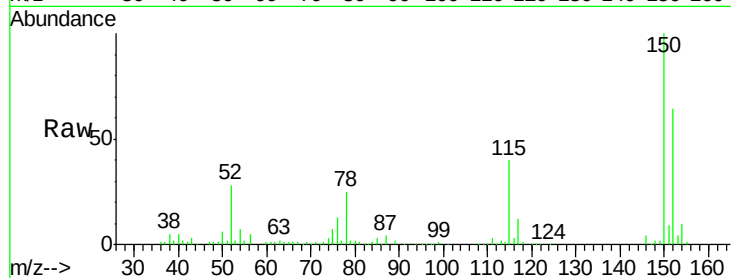


#1

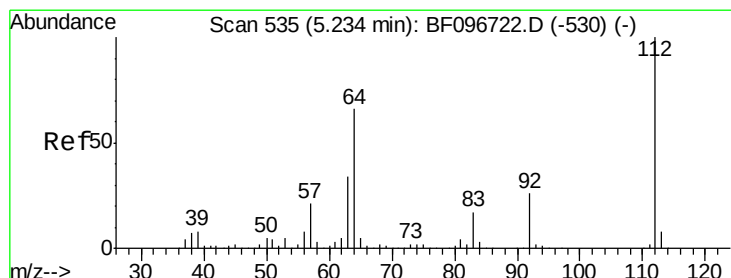
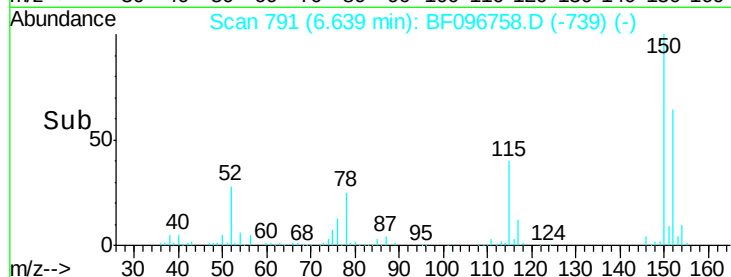
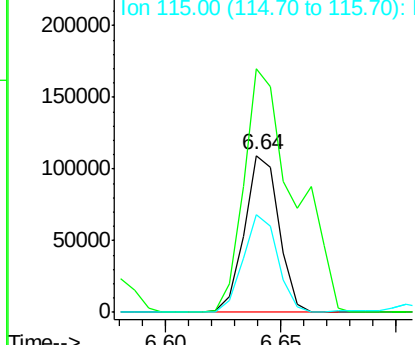
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

Tot Ion:152 Resp: 114231
Ion Ratio Lower Upper
152 100
150 155.2 126.2 189.2
115 62.0 52.2 78.2



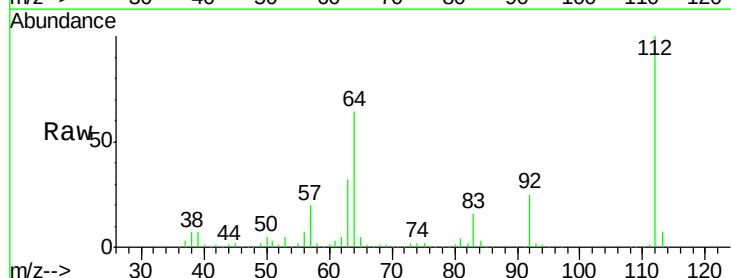
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



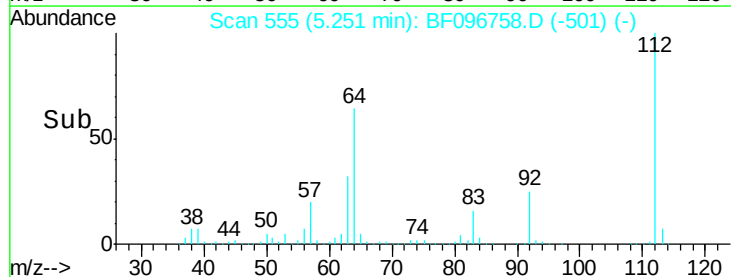
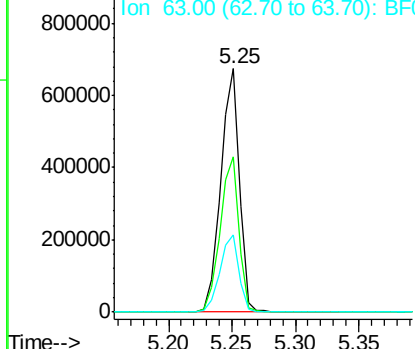
#5

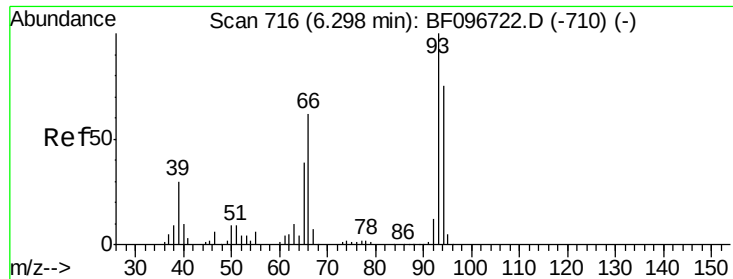
2-Fluorophenol
Concen: 91.36 ng
RT: 5.25 min Scan# 555
Delta R.T. 0.02 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:112 Resp: 694073
Ion Ratio Lower Upper
112 100
64 63.9 46.0 69.0
63 31.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 10.29 ng

RT: 6.38 min Scan# 747

Delta R.T. 0.08 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

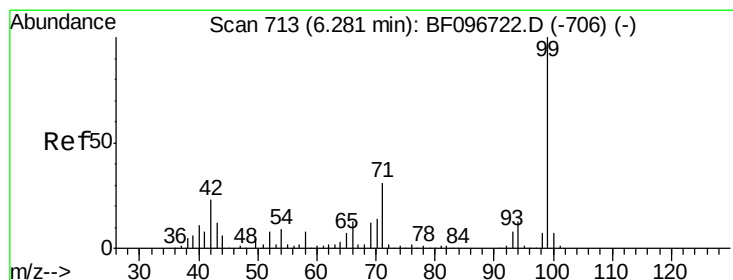
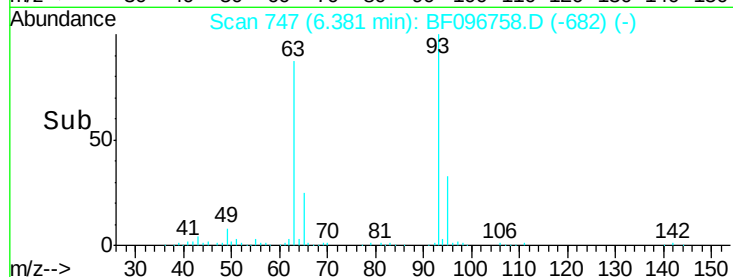
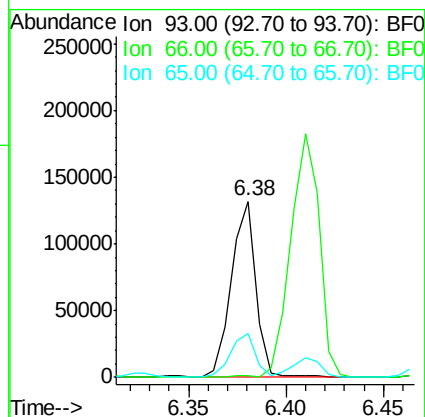
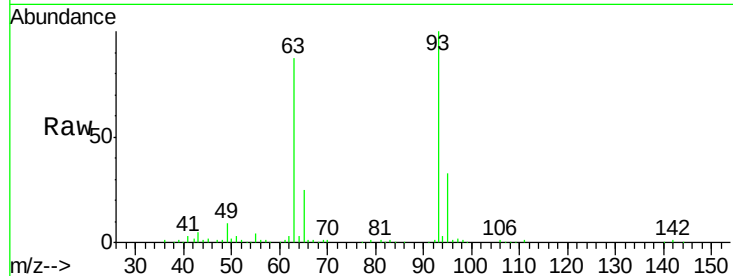
Tot Ion: 93 Resp: 11548

Ion Ratio Lower Upper

93 100

66 0.6 32.9 49.3#

65 24.8 16.0 24.0#



#7

Phenol-d6

Concen: 97.35 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

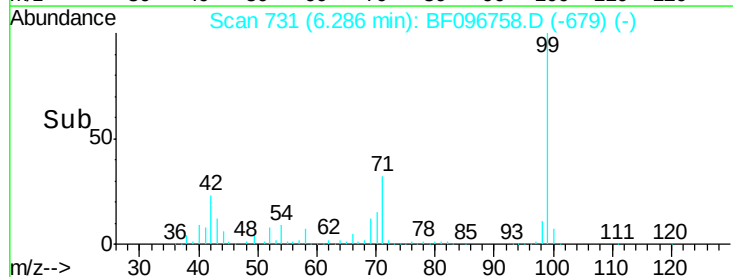
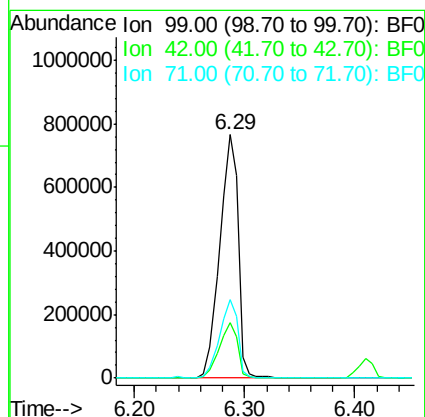
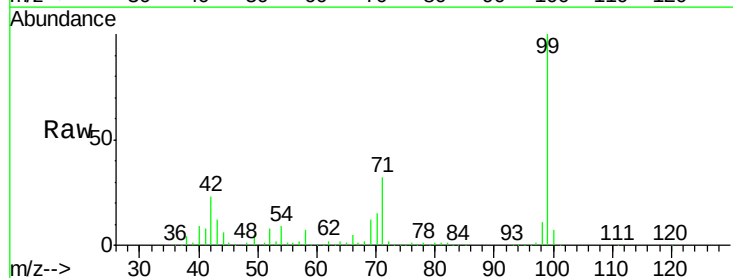
Tgt Ion: 99 Resp: 887495

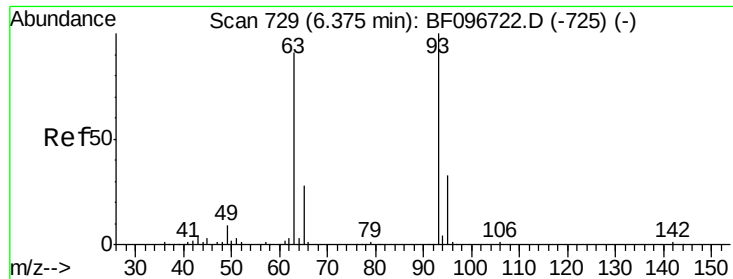
Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

71 32.2 24.5 36.7

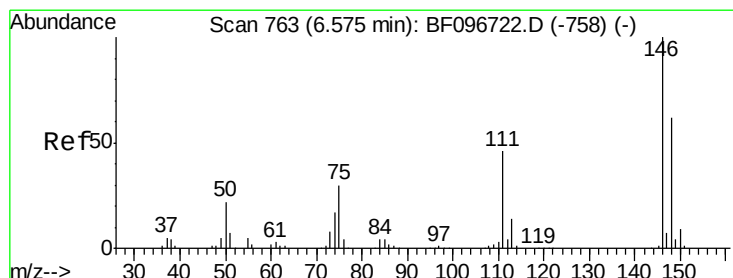
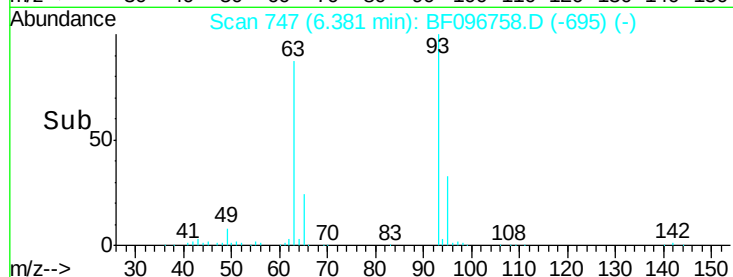
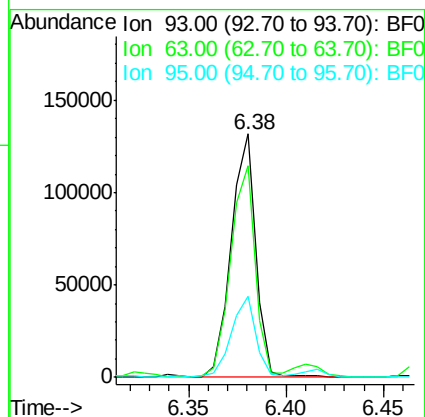
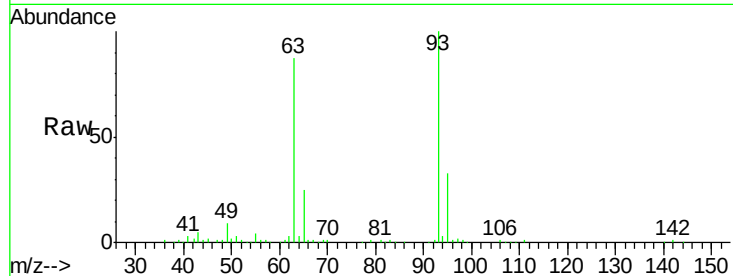




#11
bis(2-Chloroethyl)ether
Concen: 14.91 ng
RT: 6.38 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

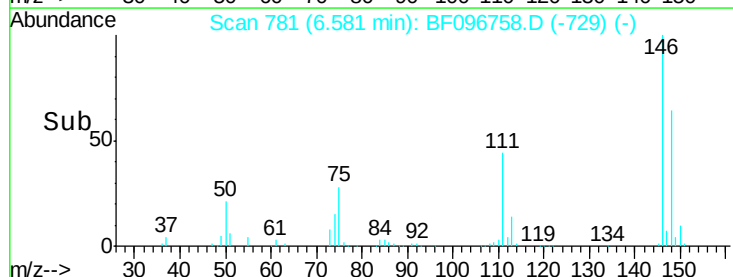
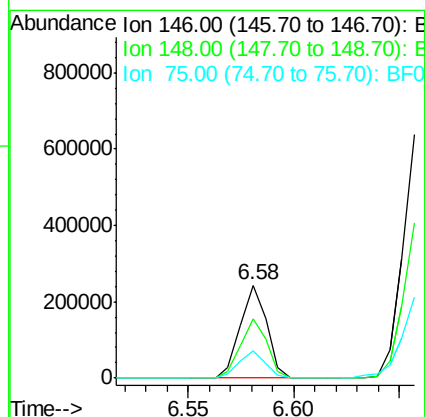
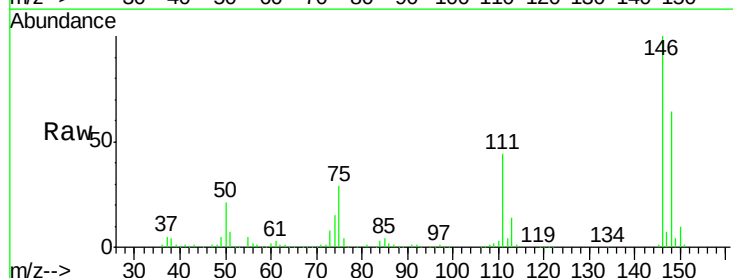
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

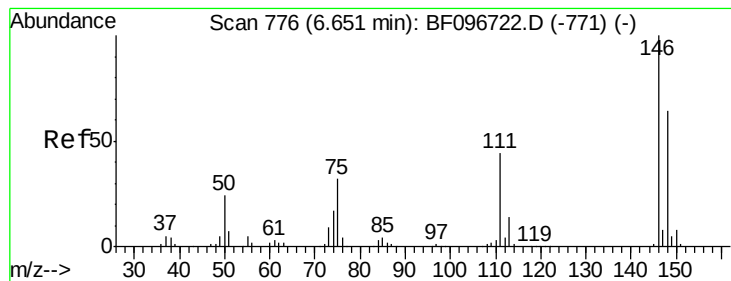
Tot Ion: 93 Resp: 11548
Ion Ratio Lower Upper
93 100
63 87.1 59.2 99.2
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 24.17 ng
RT: 6.58 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion: 146 Resp: 210596
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 28.6 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 93.39 ng

RT: 6.66 min Scan# 795

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

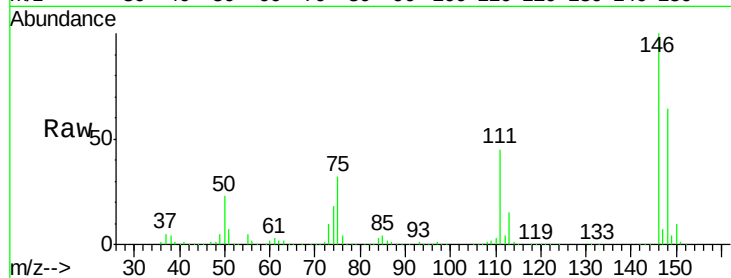
Tot Ion:146 Resp: 823911

Ion Ratio Lower Upper

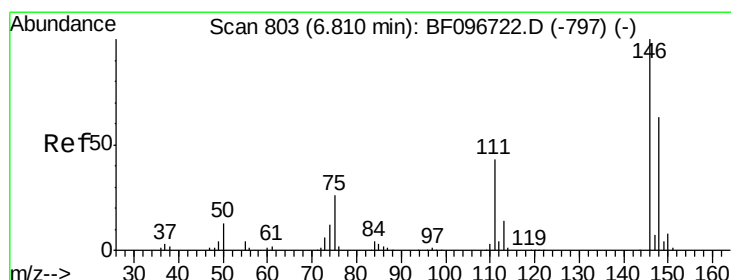
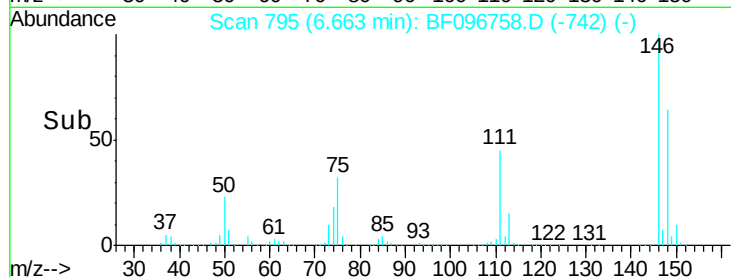
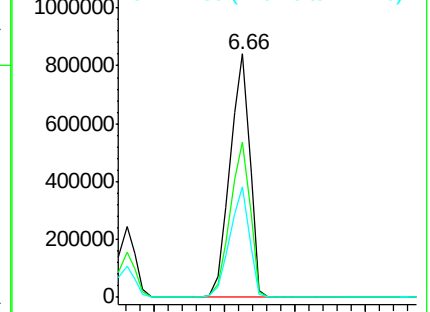
146 100

148 63.6 52.2 78.2

111 45.2 30.3 45.5



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: 244.54 ng

RT: 6.83 min Scan# 823

Delta R.T. 0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

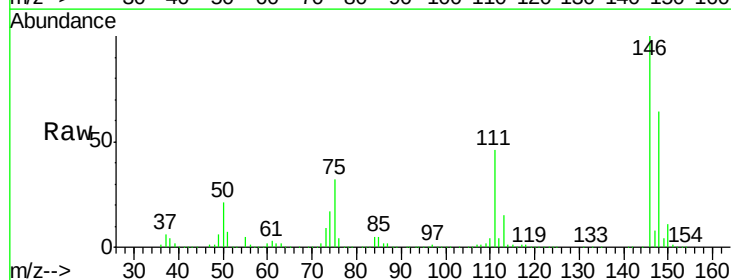
Tgt Ion:146 Resp: 1962366

Ion Ratio Lower Upper

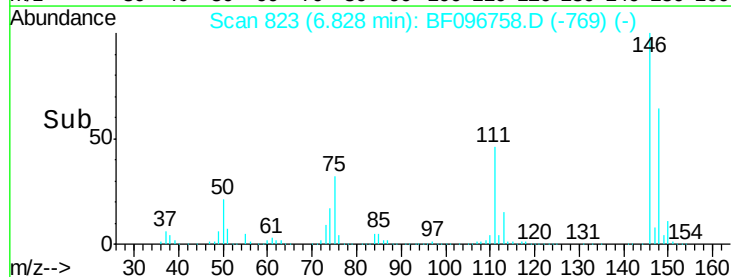
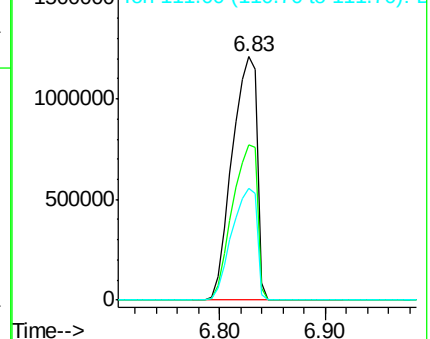
146 100

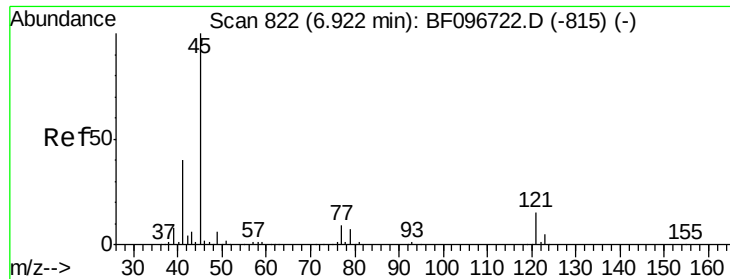
148 63.9 50.4 75.6

111 46.0 38.2 57.4



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

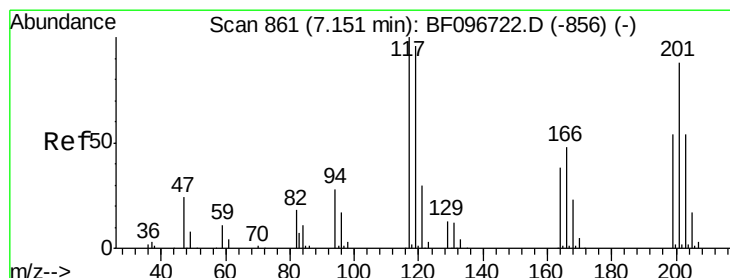
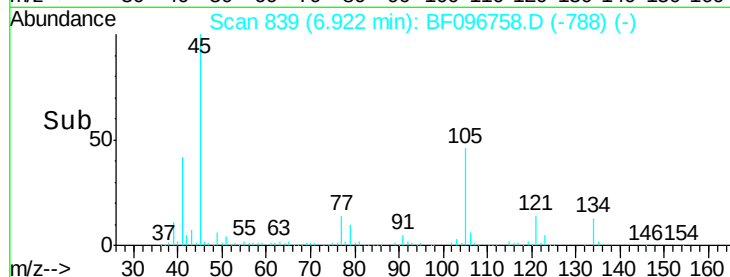
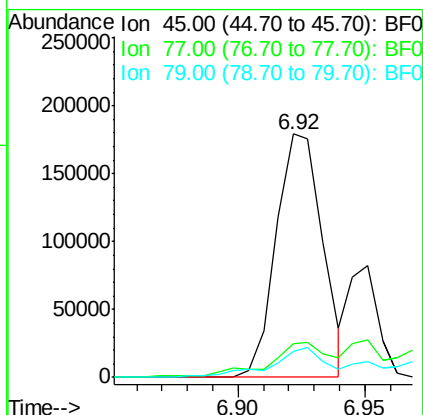
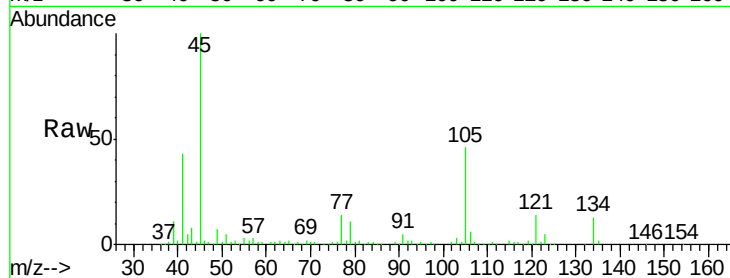




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 14.33 ng
RT: 6.92 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

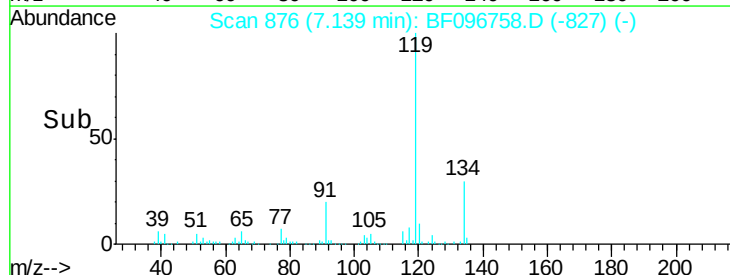
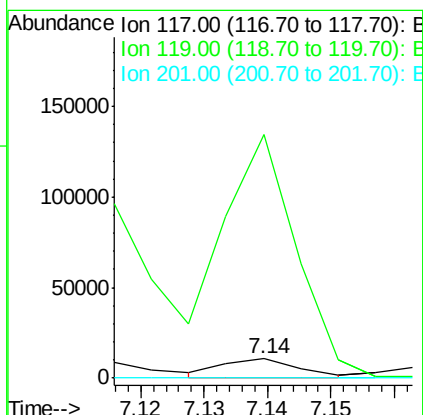
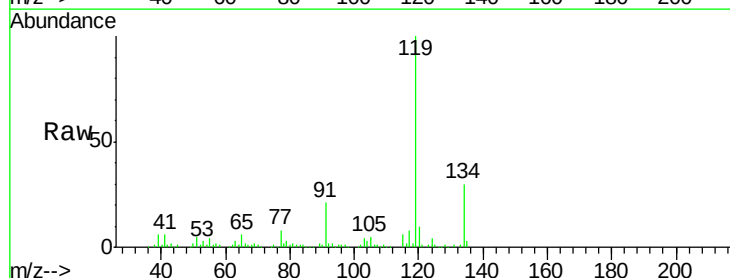
Instrument :
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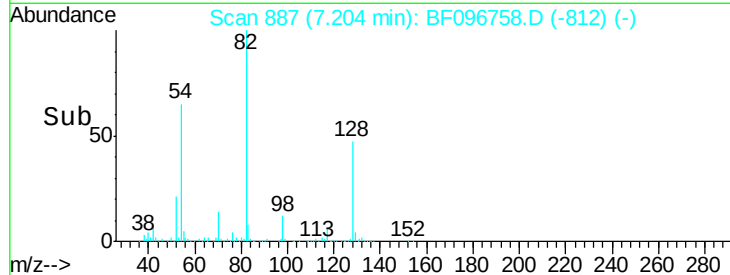
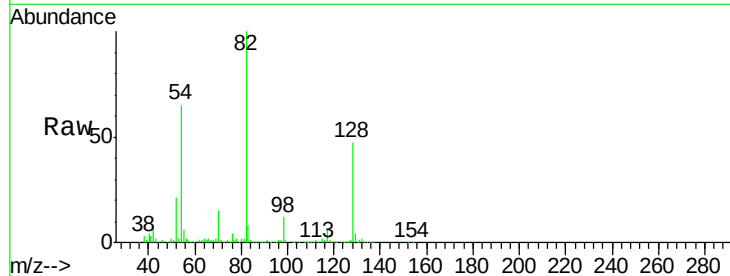
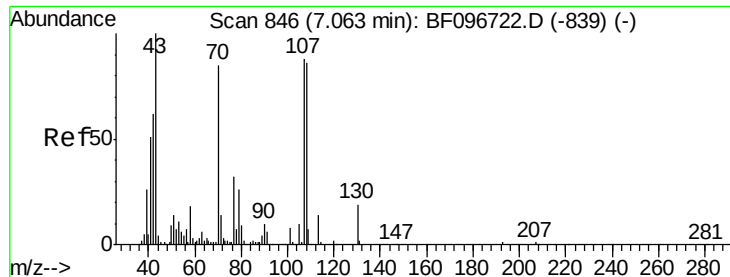
Tot Ion: 45 Resp: 229249
Ion Ratio Lower Upper
45 100
77 14.0 0.0 33.2
79 10.8 0.0 30.0



#18
Hexachloroethane
Concen: 2.76 ng
RT: 7.14 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion: 117 Resp: 8637
Ion Ratio Lower Upper
117 100
119 1263.3 77.4 116.0#
201 0.0 94.6 141.8#

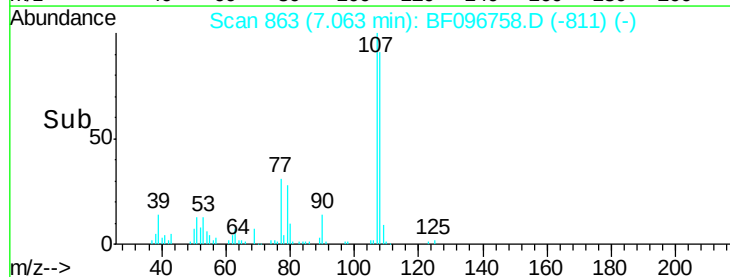
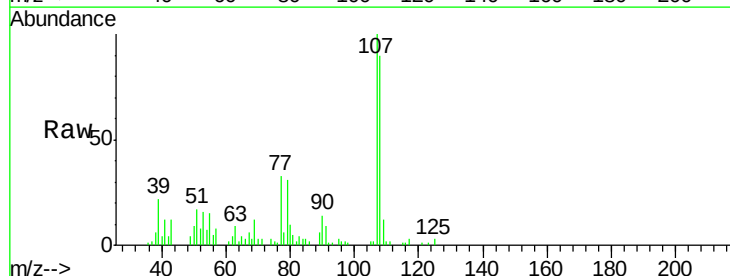
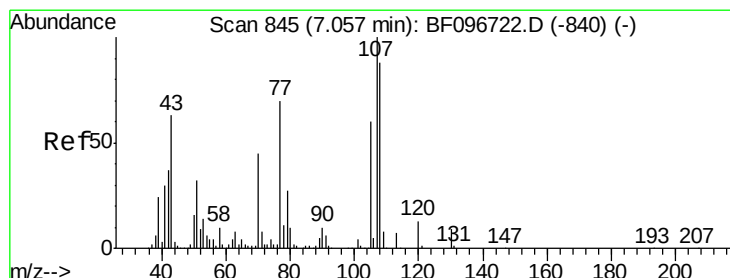
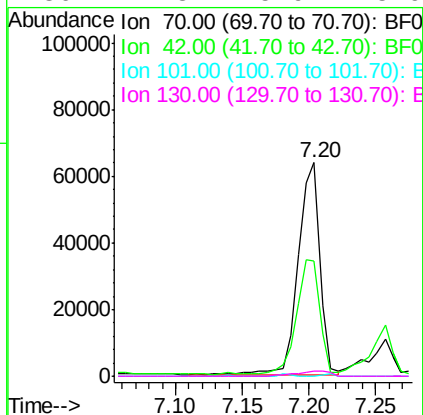




#19
n-Nitroso-di-n-propylamine
Concen: 12.81 ng
RT: 7.20 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

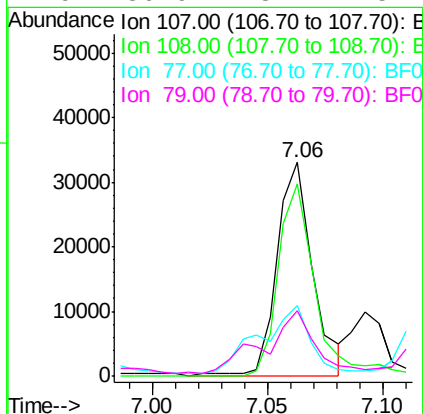
Instrument :
BNA_F
ClientSampled :
E2-P6-ESW

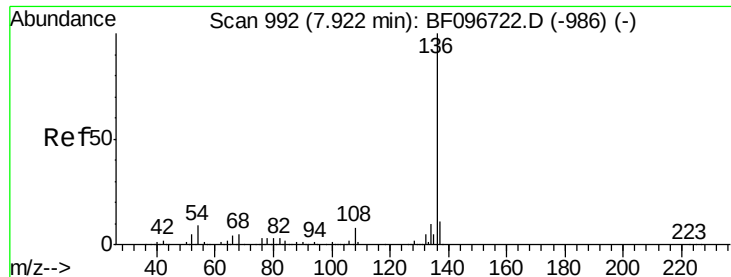
Tot Ion:	70	Resp:	70374
Ion	Ratio	Lower	Upper
70	100		
42	54.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#20
3+4-Methylphenols
Concen: 4.58 ng
RT: 7.06 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:	107	Resp:	35397
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	33.2	90.5	130.5#
79	30.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 1011

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

Tot Ion:136 Resp: 318213

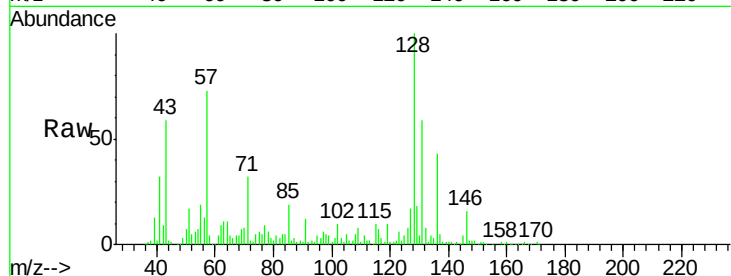
Ion Ratio Lower Upper

136 100

137 11.7 8.5 12.7

54 15.0 4.9 7.3#

68 8.9 4.1 6.1#

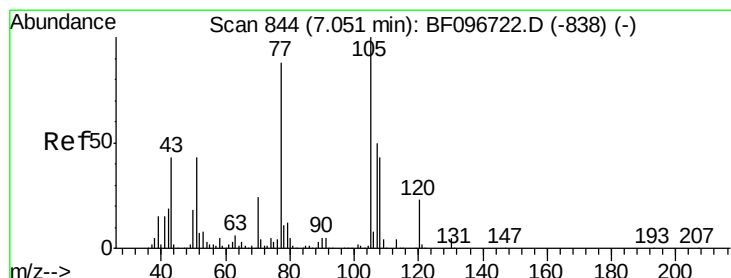
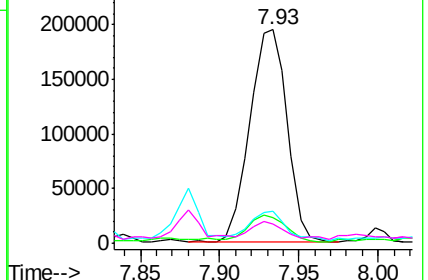
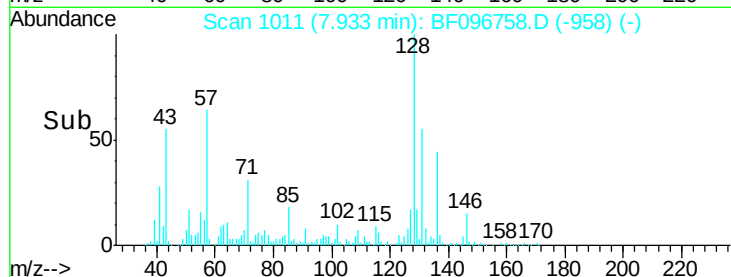


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 6.02 ng

RT: 7.04 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Tgt Ion:105 Resp: 42790

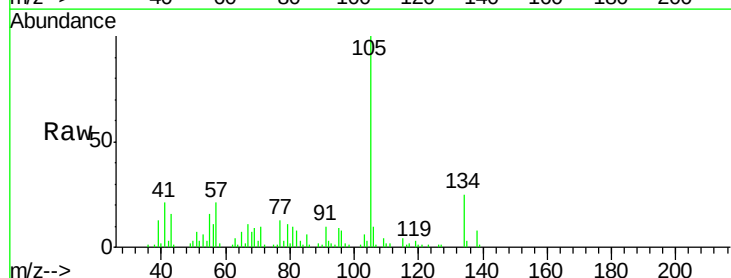
Ion Ratio Lower Upper

105 100

71 9.8 2.8 4.2#

51 7.0 30.7 46.1#

120 0.7 17.4 26.0#

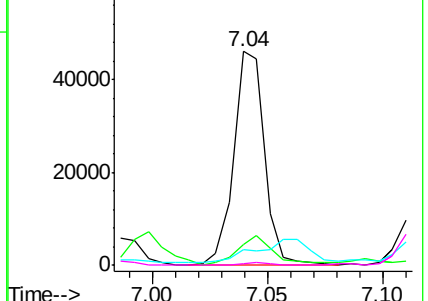
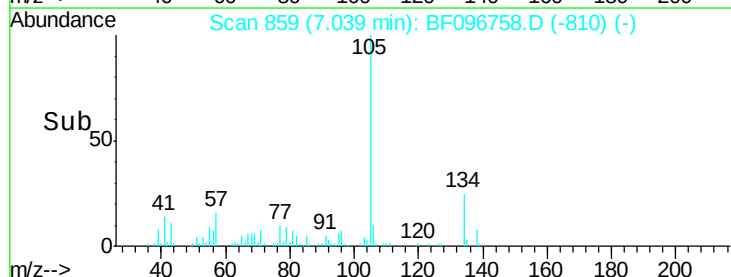


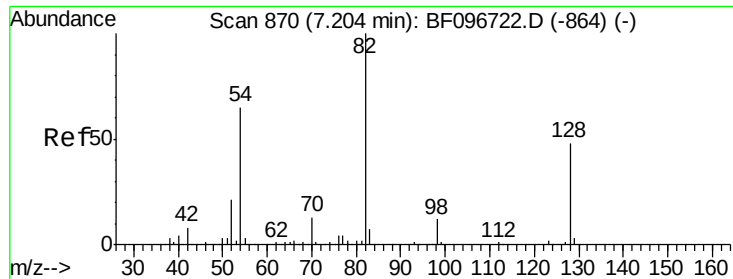
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

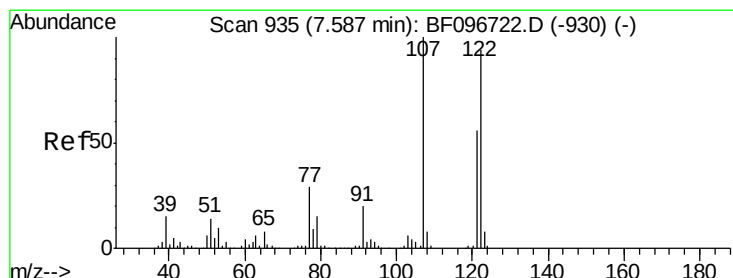
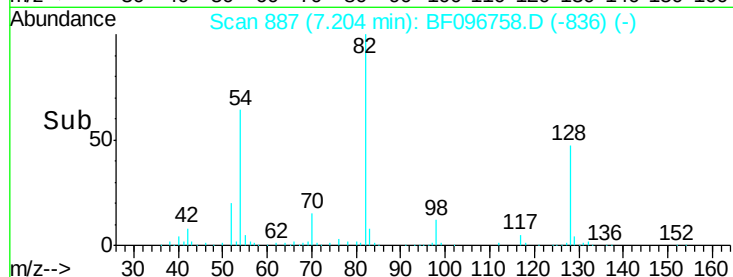
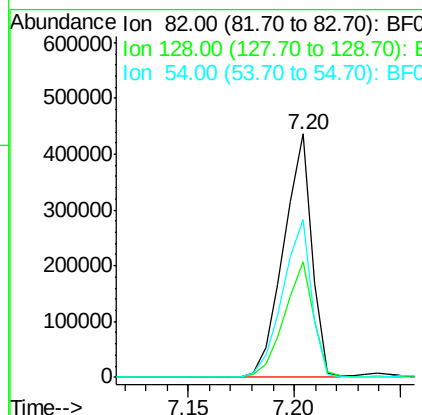
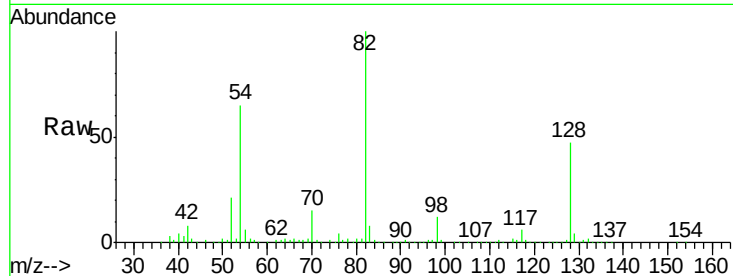




#23
 Nitrobenzene-d5
 Concen: 79.40 ng
 RT: 7.20 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

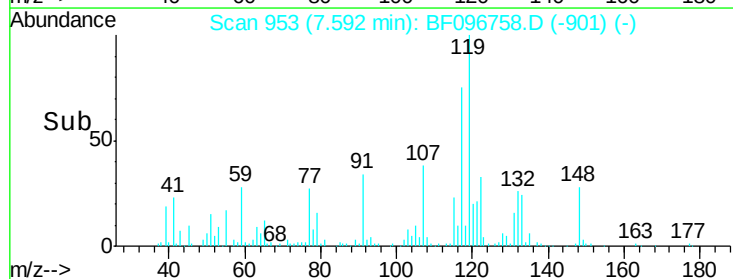
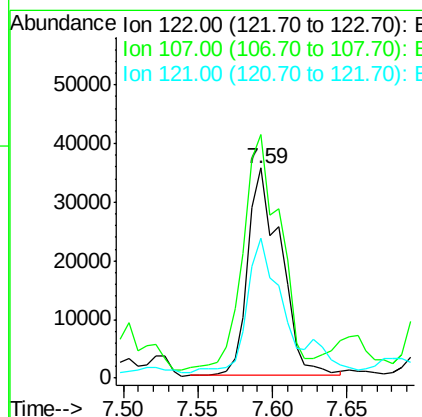
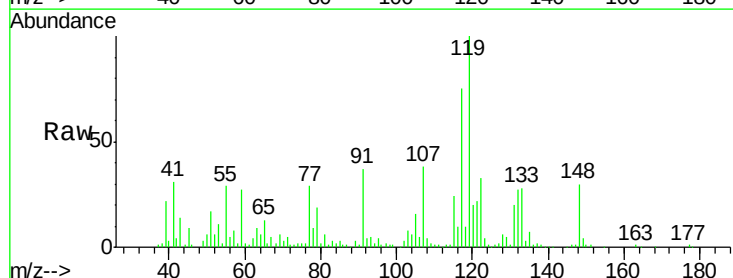
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESW

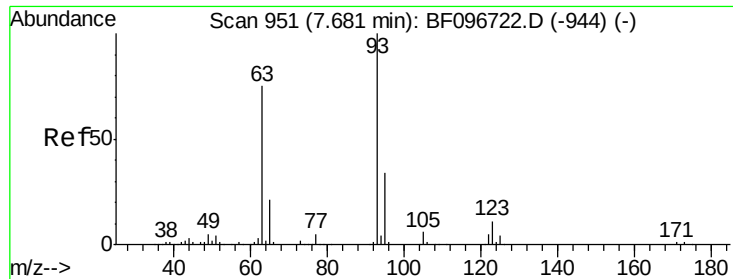
Tot Ion	82	Resp	407890
Ion Ratio	Lower	Upper	
82	100		
128	47.4	34.0	51.0
54	64.7	42.2	63.2#



#27
 2,4-Dimethylphenol
 Concen: 11.22 ng
 RT: 7.59 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

Tgt Ion	122	Resp	54532
Ion Ratio	Lower	Upper	
122	100		
107	115.8	89.2	133.8
121	66.3	45.2	67.8

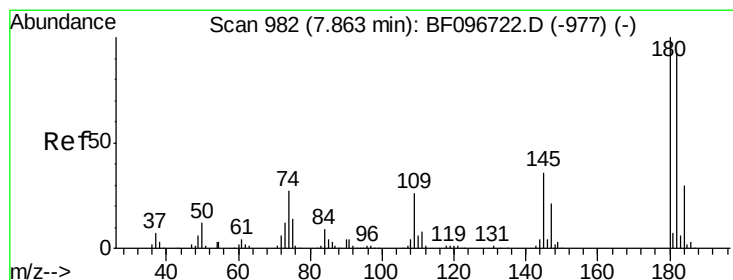
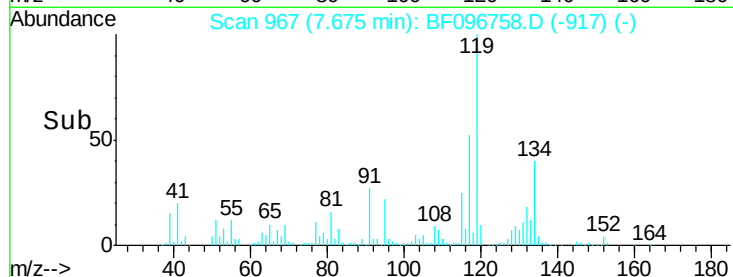
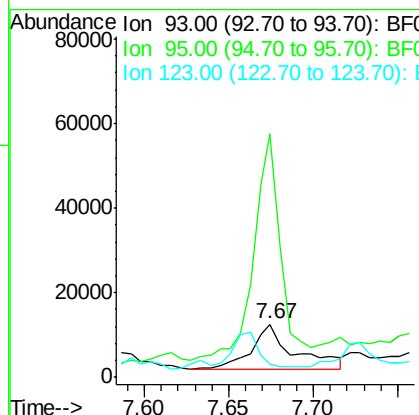
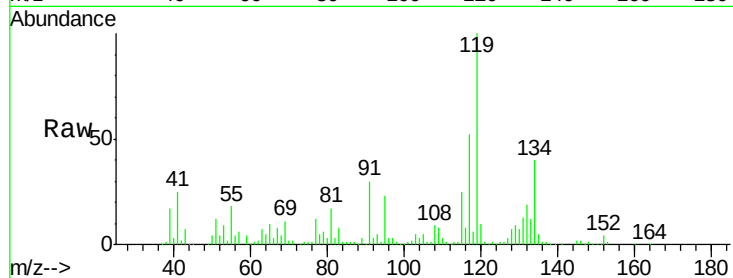




#28
bis(2-Chloroethoxy)methane
Concen: 2.90 ng
RT: 7.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

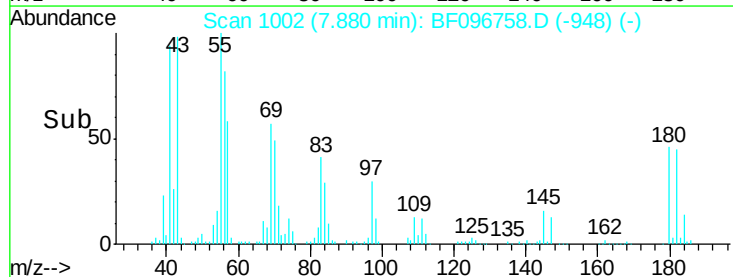
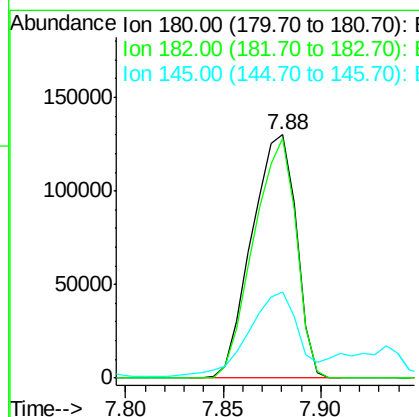
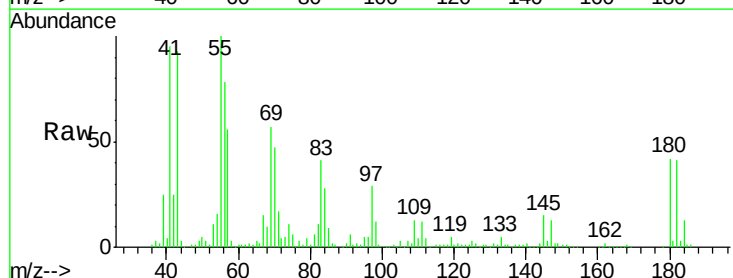
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

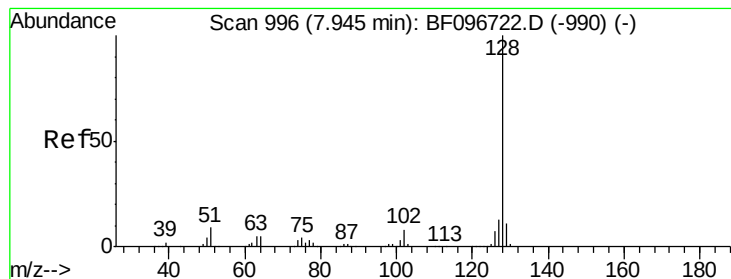
Tot Ion: 93 Resp: 18721
Ion Ratio Lower Upper
93 100
95 455.9 26.5 39.7#
123 24.2 9.0 13.4#



#30
1,2,4-Trichlorobenzene
Concen: 49.15 ng
RT: 7.88 min Scan# 1002
Delta R.T. 0.02 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion: 180 Resp: 205589
Ion Ratio Lower Upper
180 100
182 98.6 75.8 113.6
145 35.6 25.3 37.9





#31

Naphthalene

Concen: 287.35 ng

RT: 7.97 min Scan# 1017

Delta R.T. 0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

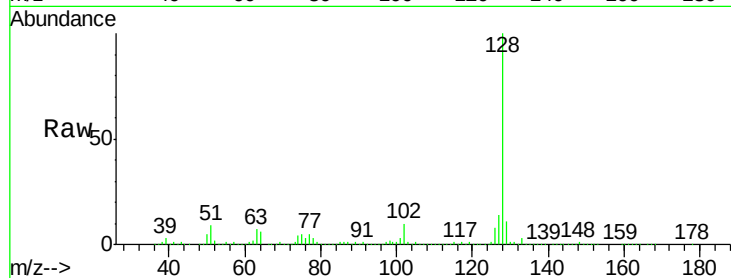
Tot Ion:128 Resp: 4331632

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

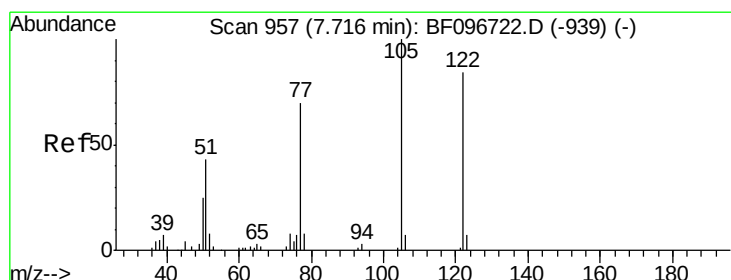
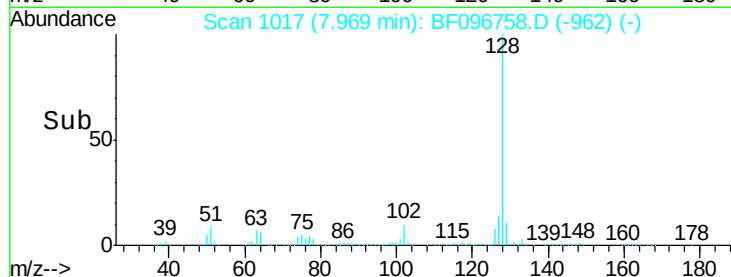
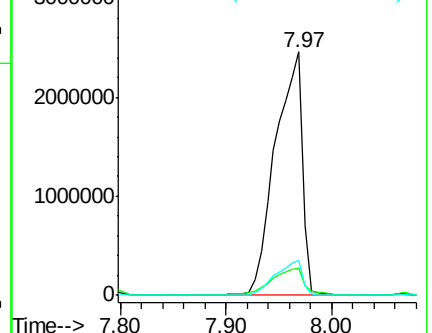
127 14.2 10.8 16.2



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: 5.14 ng

RT: 7.89 min Scan# 1004

Delta R.T. 0.18 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

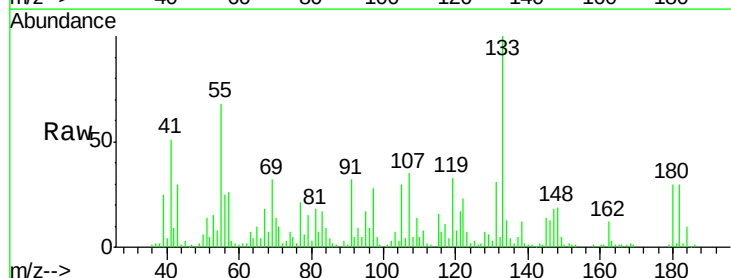
Tgt Ion:122 Resp: 15972

Ion Ratio Lower Upper

122 100

105 128.7 103.3 143.3

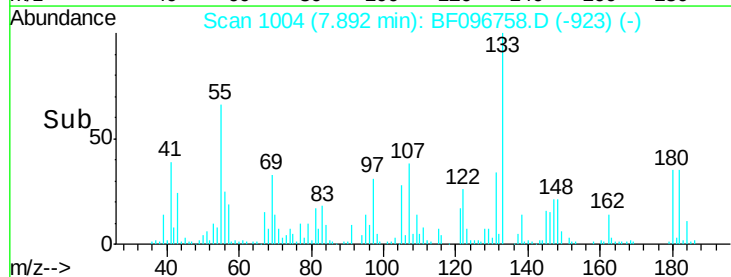
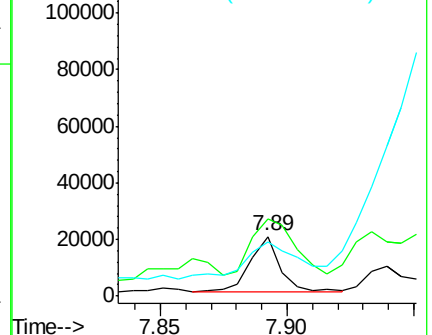
77 90.6 73.7 113.7

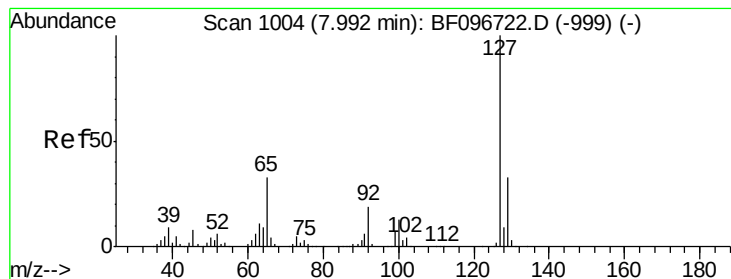


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 105.32 ng

RT: 7.97 min Scan# 1017

Delta R.T. -0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

Tot Ion:127 Resp: 629012

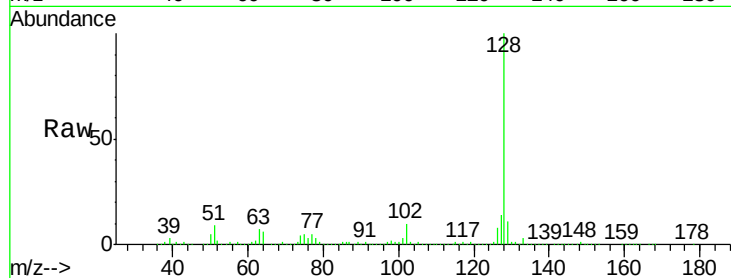
Ion Ratio Lower Upper

127 100

129 79.0 26.2 39.2#

65 0.0 27.8 41.8#

92 0.9 16.8 25.2#

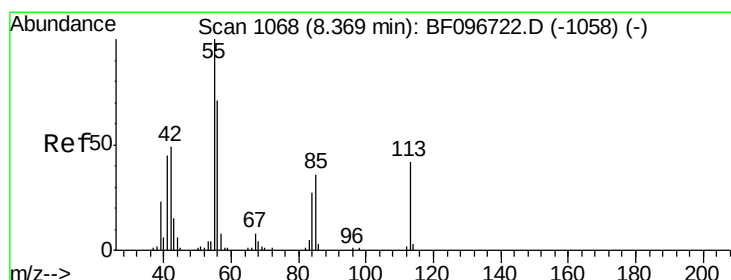
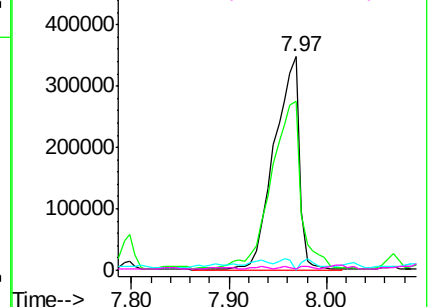
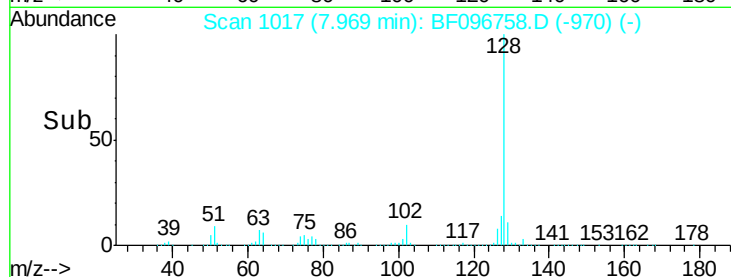


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#35

Caprolactam

Concen: 17.18 ng

RT: 8.38 min Scan# 1087

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

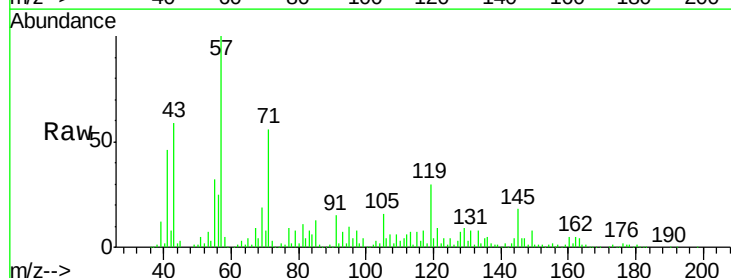
Tgt Ion:113 Resp: 24212

Ion Ratio Lower Upper

113 100

55 443.9 150.2 190.2#

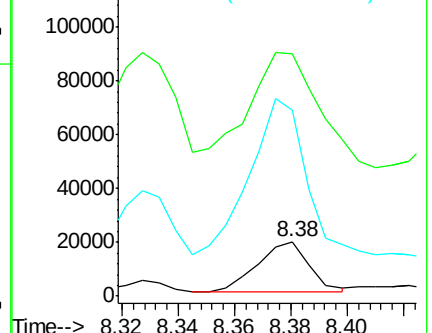
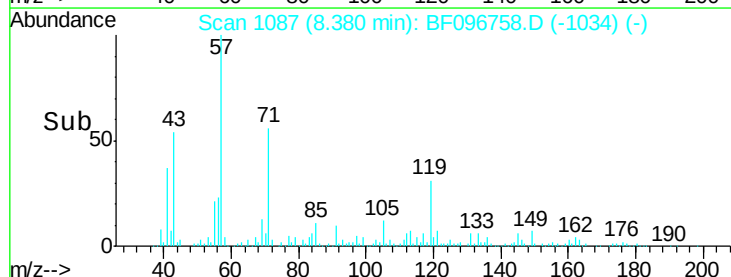
56 341.4 107.8 147.8#

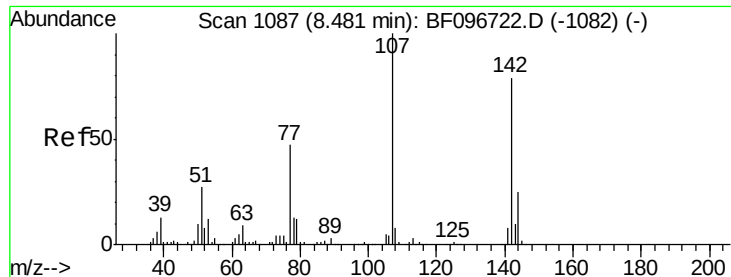


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

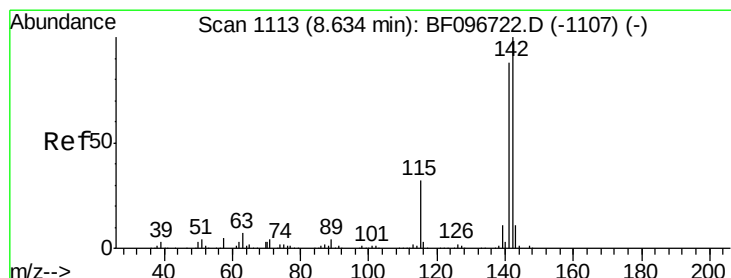
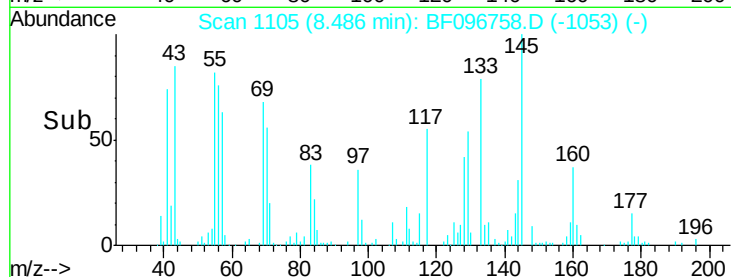
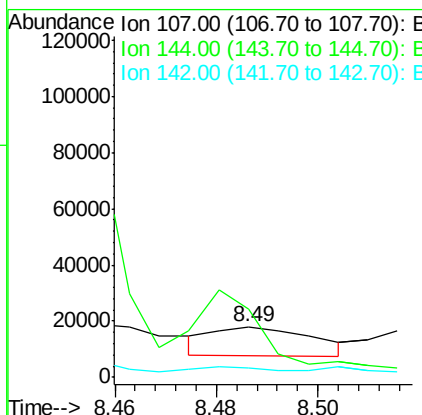
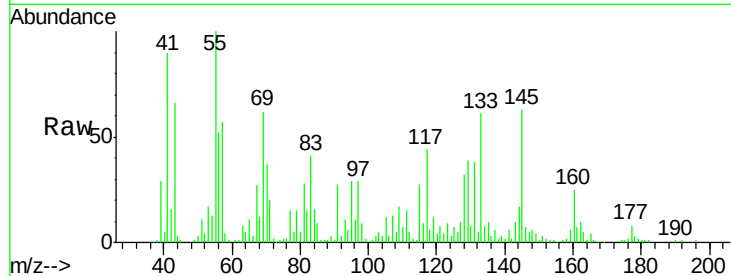




#36
 4-Chloro-3-methylphenol
 Concen: 2.98 ng
 RT: 8.49 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

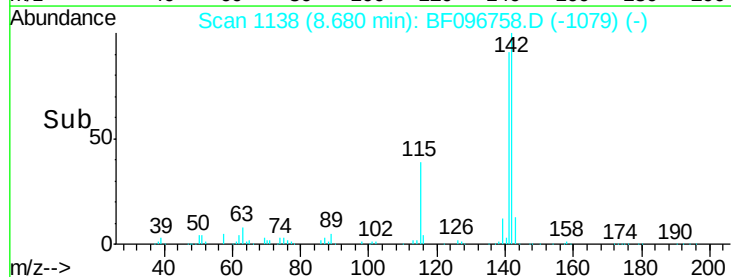
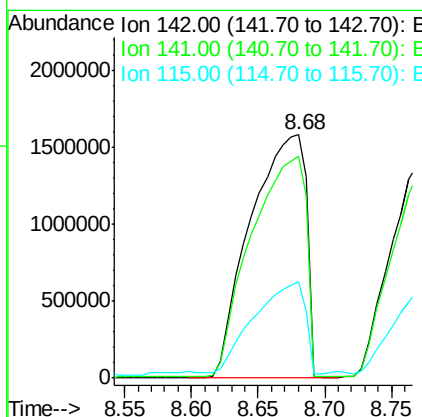
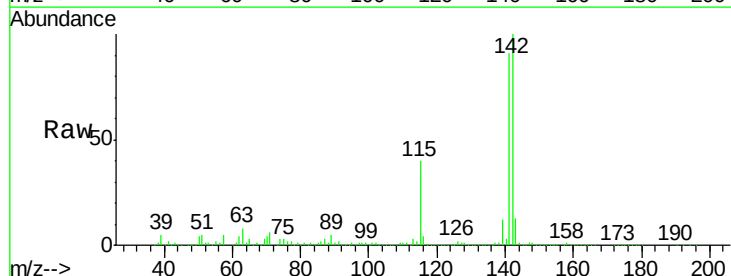
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESW

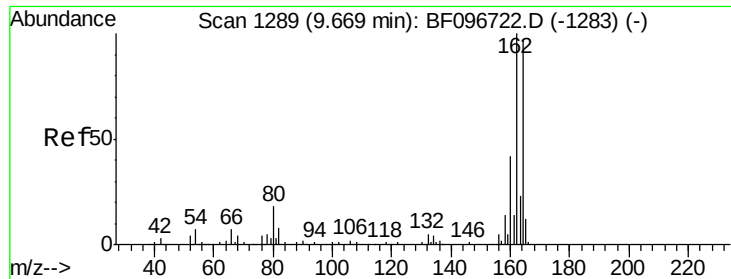
Tot Ion:107 Resp: 14109
 Ion Ratio Lower Upper
 107 100
 144 136.2 24.2 36.4#
 142 17.8 73.4 110.0#



#37
 2-Methylnaphthalene
 Concen: 477.16 ng
 RT: 8.68 min Scan# 1138
 Delta R.T. 0.05 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

Tgt Ion:142 Resp: 4585769
 Ion Ratio Lower Upper
 142 100
 141 90.9 71.3 106.9
 115 39.8 27.1 40.7

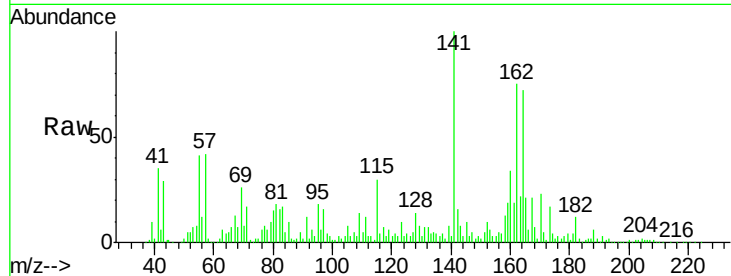




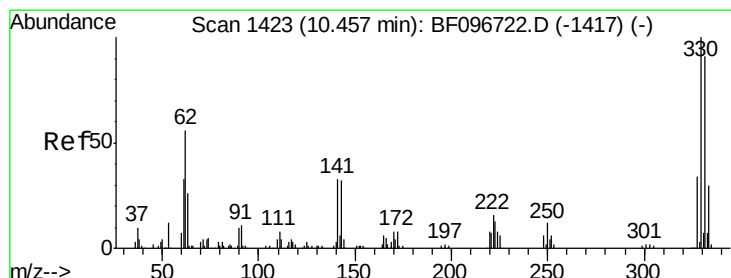
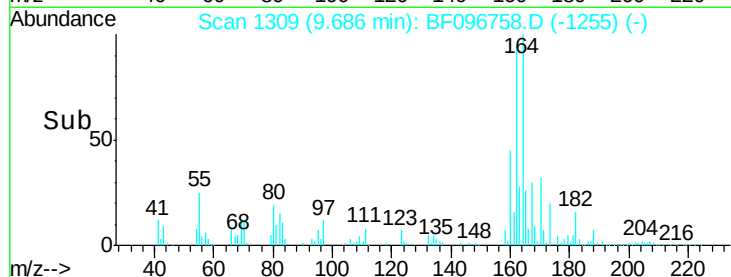
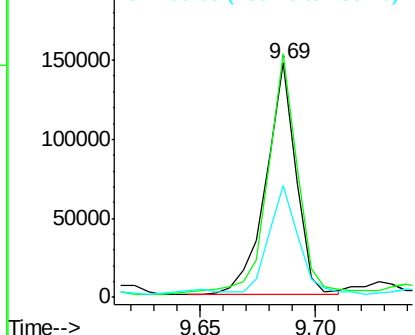
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.69 min Scan# 1309
Delta R.T. 0.02 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

Tot Ion:164 Resp: 134221
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 47.7 36.2 54.2

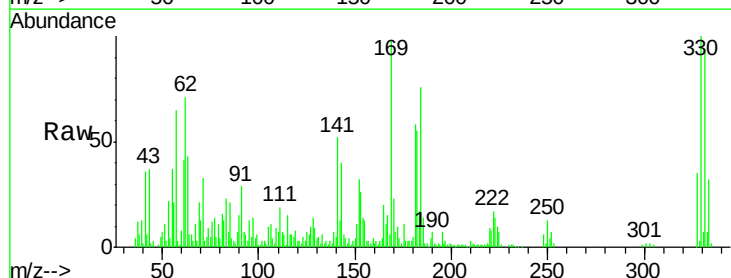


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

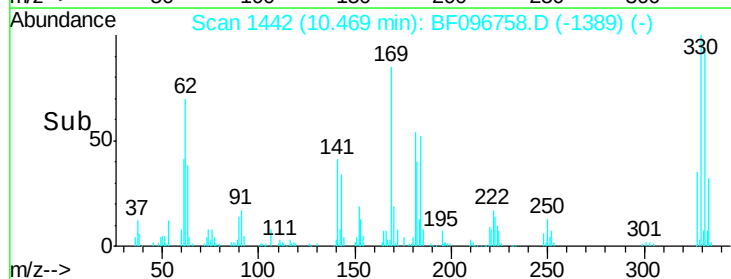
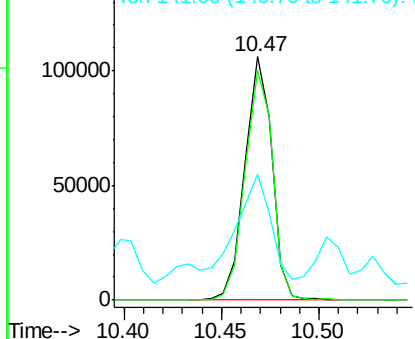


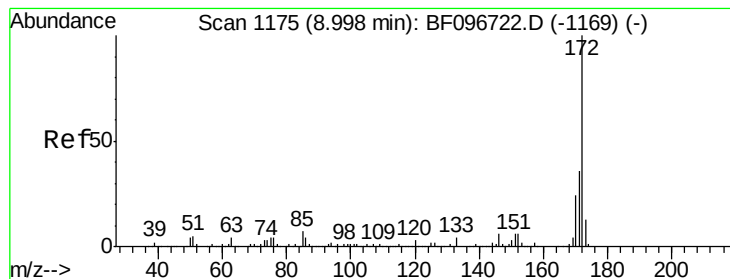
#41
2,4,6-Tribromophenol
Concen: 88.81 ng
RT: 10.47 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:330 Resp: 101751
Ion Ratio Lower Upper
330 100
332 96.5 76.6 115.0
141 52.1 31.4 47.2#



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

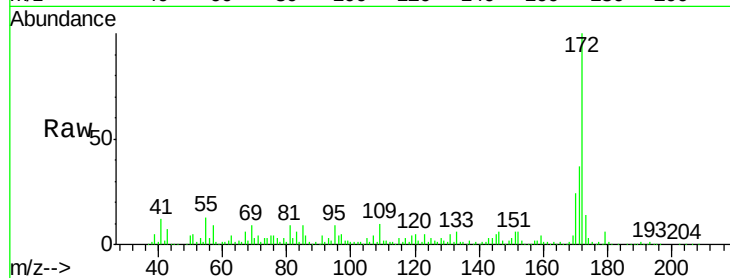




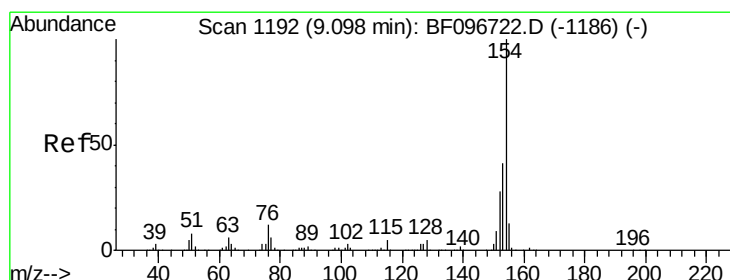
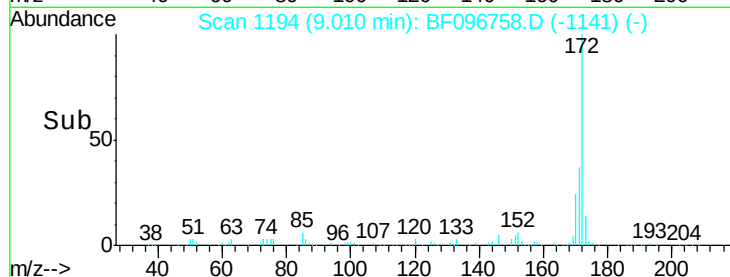
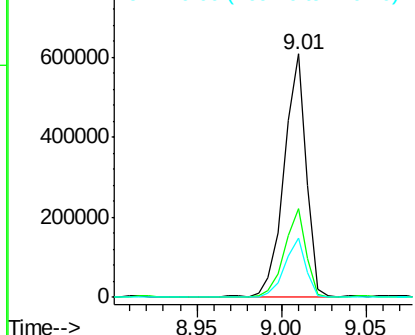
#44
2-Fluorobiphenyl
Concen: 65.35 ng
RT: 9.01 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

Tot Ion:172 Resp: 555172
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.3 19.8 29.8

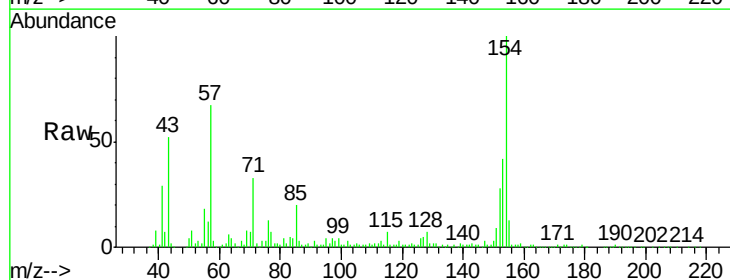


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

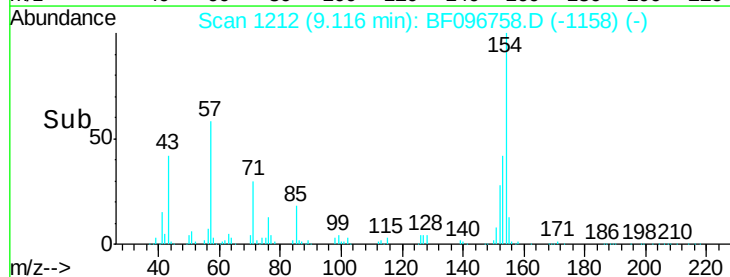
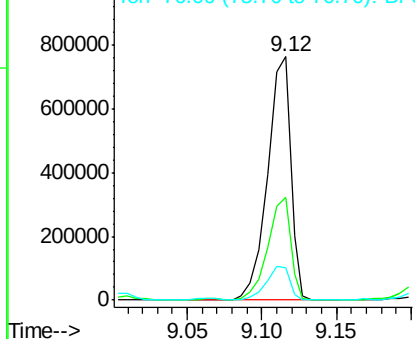


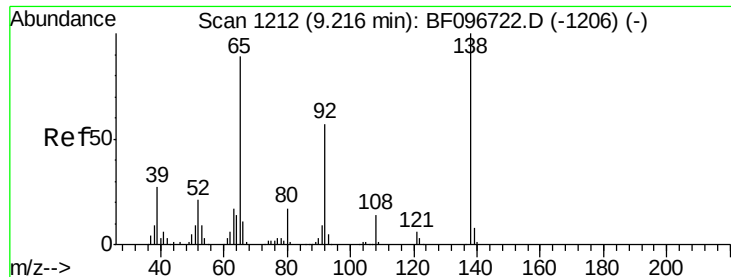
#45
1,1'-Biphenyl
Concen: 71.14 ng
RT: 9.12 min Scan# 1212
Delta R.T. 0.02 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:154 Resp: 818970
Ion Ratio Lower Upper
154 100
153 42.1 21.2 61.2
76 13.1 0.0 29.9



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): BF0

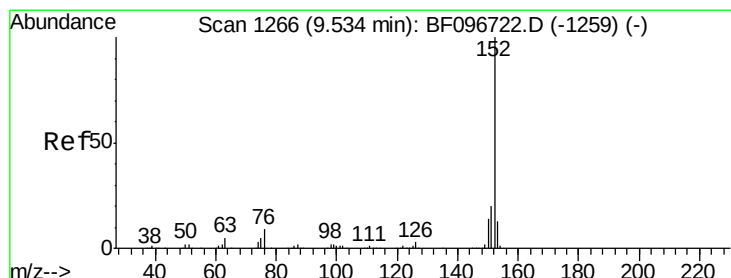
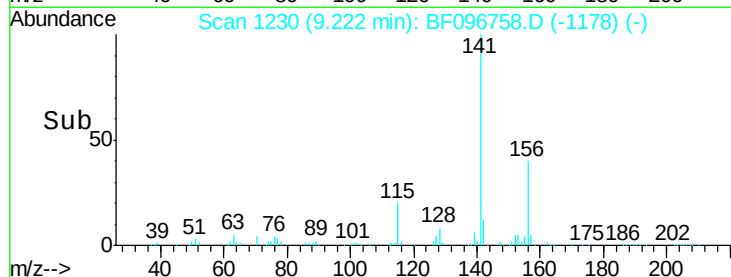
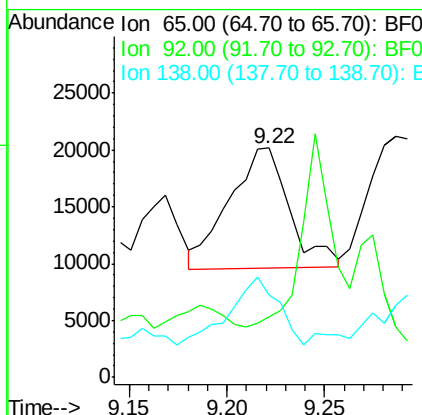
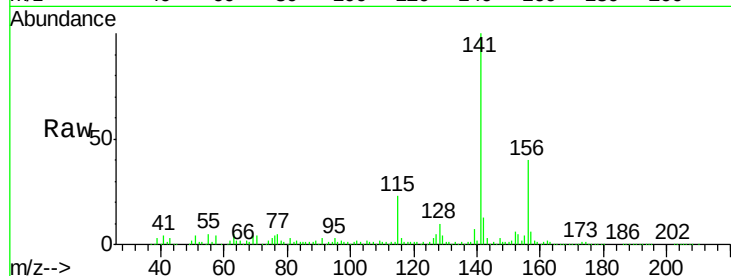




#47
2-Nitroaniline
Concen: 7.79 ng
RT: 9.22 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

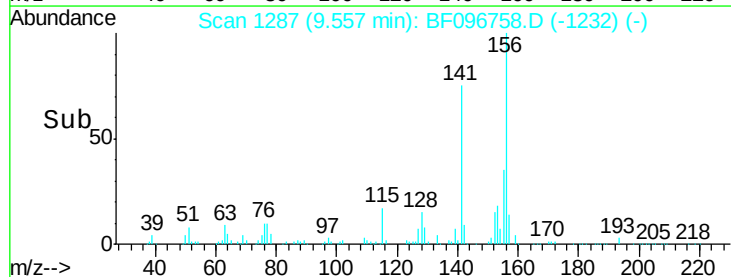
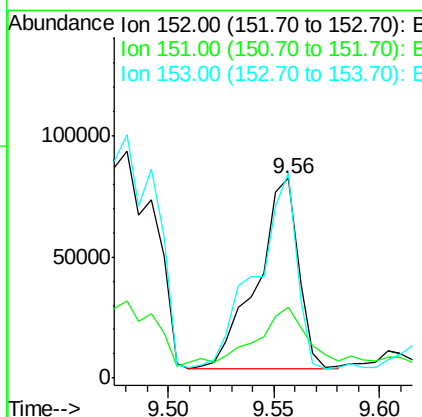
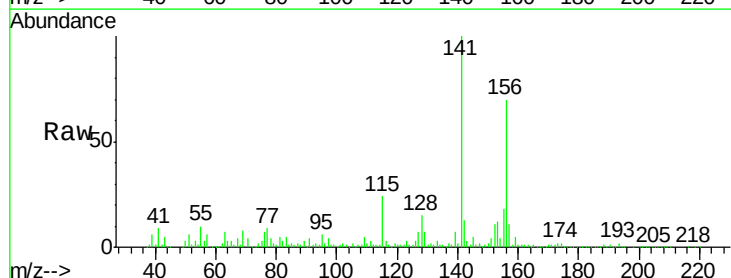
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

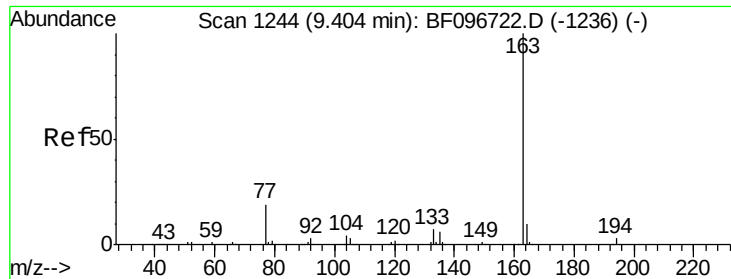
Tot Ion: 65 Resp: 22686
Ion Ratio Lower Upper
65 100
92 26.5 53.9 80.9#
138 36.0 78.8 118.2#



#48
Acenaphthylene
Concen: 7.97 ng
RT: 9.56 min Scan# 1287
Delta R.T. 0.02 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion: 152 Resp: 107658
Ion Ratio Lower Upper
152 100
151 35.5 16.8 25.2#
153 102.5 10.8 16.2#

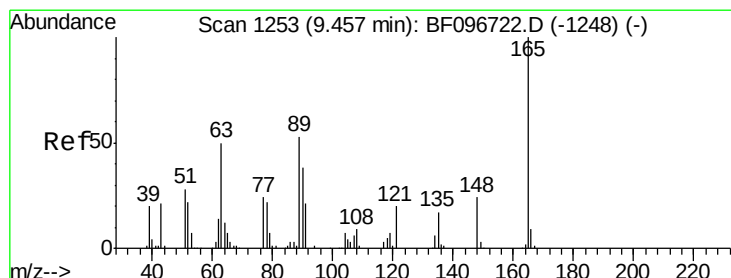
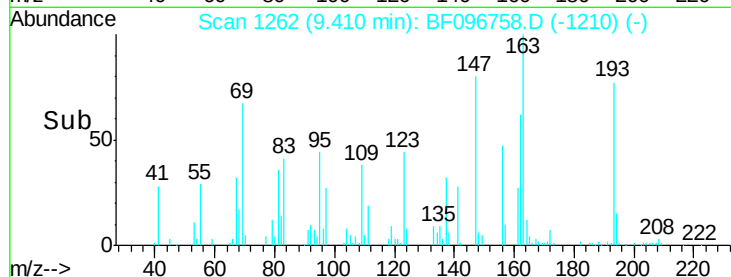
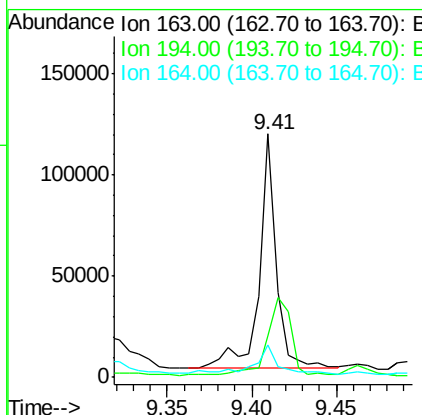
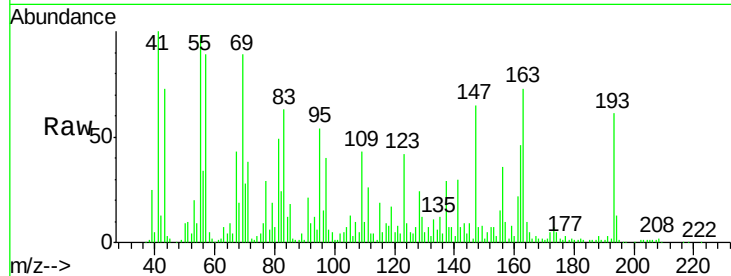




#49
Dimethylphthalate
Concen: 8.24 ng
RT: 9.41 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

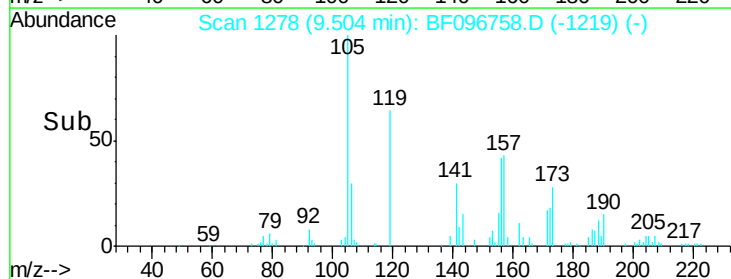
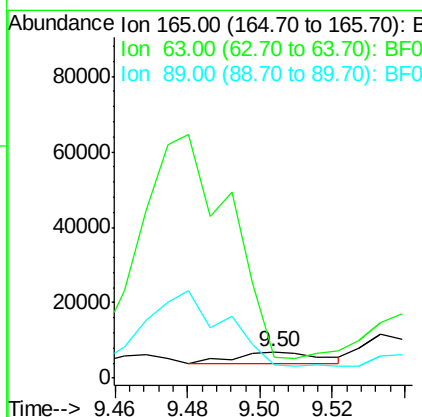
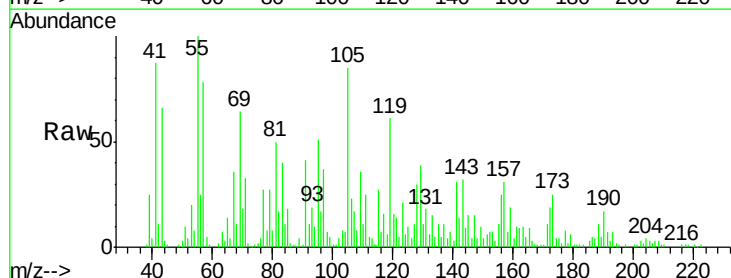
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

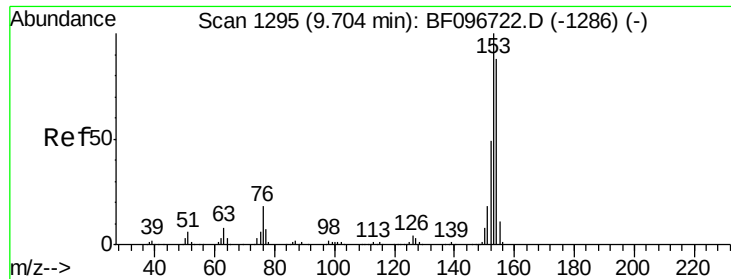
Tot Ion:163 Resp: 83227
Ion Ratio Lower Upper
163 100
194 17.2 2.6 4.0#
164 13.4 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 2.50 ng
RT: 9.50 min Scan# 1278
Delta R.T. 0.05 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:165 Resp: 5469
Ion Ratio Lower Upper
165 100
63 76.9 34.3 51.5#
89 48.9 37.1 55.7





#51

Acenaphthene

Concen: 56.31 ng

RT: 9.72 min Scan# 1315

Delta R.T. 0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

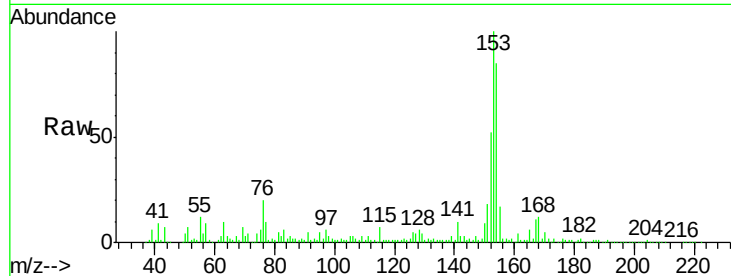
Tot Ion:154 Resp: 449299

Ion Ratio Lower Upper

154 100

153 117.6 90.5 135.7

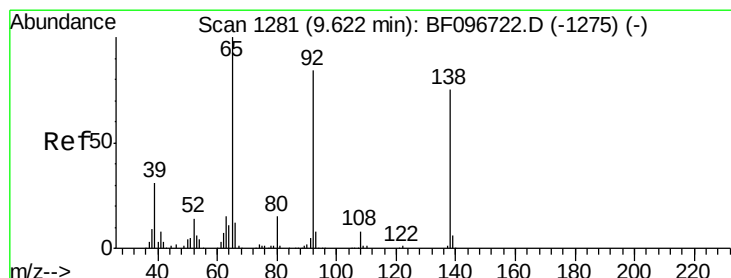
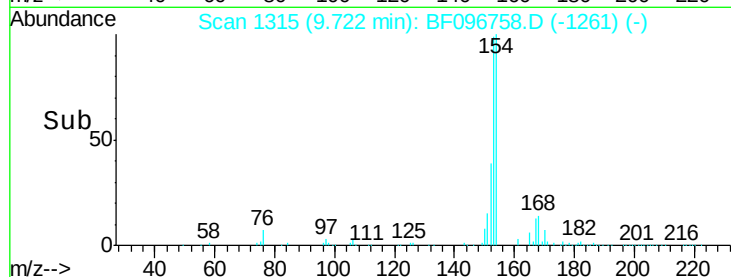
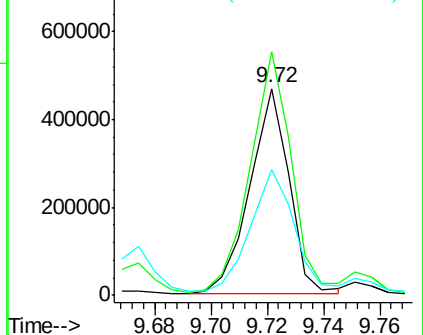
152 61.0 43.6 65.4



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: 2.14 ng

RT: 9.64 min Scan# 1301

Delta R.T. 0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

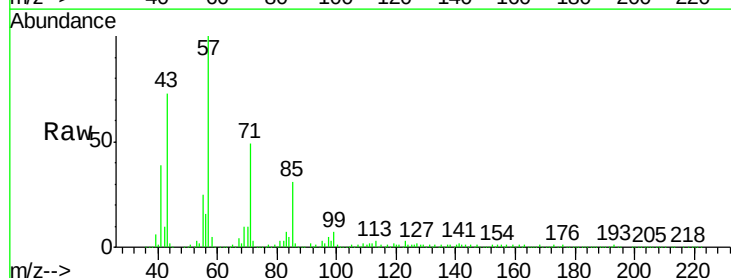
Tgt Ion:138 Resp: 5538

Ion Ratio Lower Upper

138 100

108 61.5 9.1 13.7#

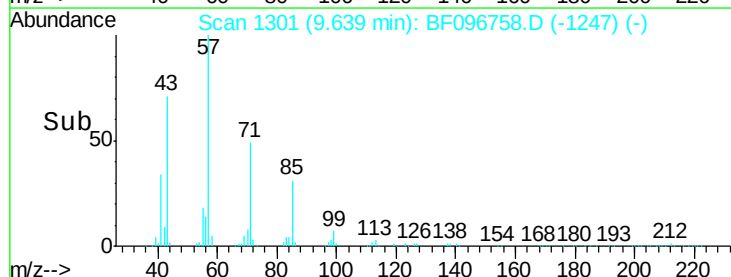
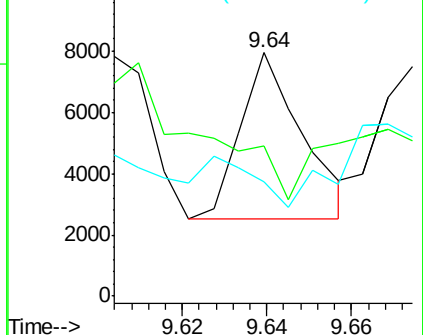
92 47.2 93.8 140.6#

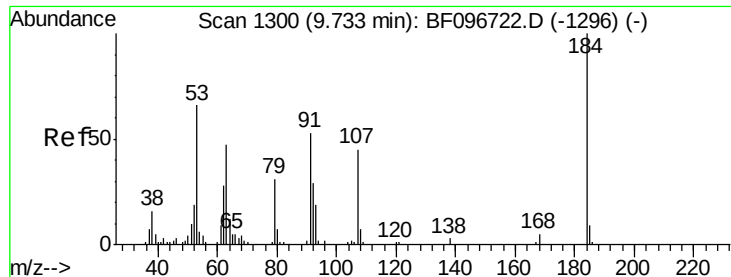


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

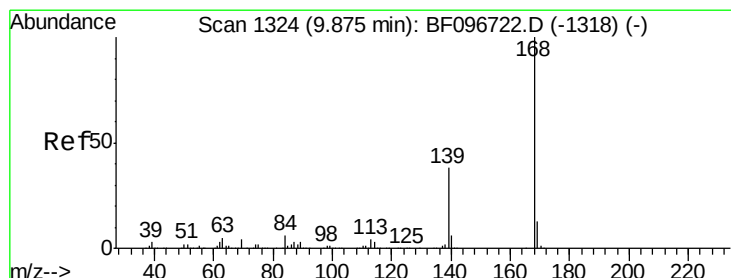
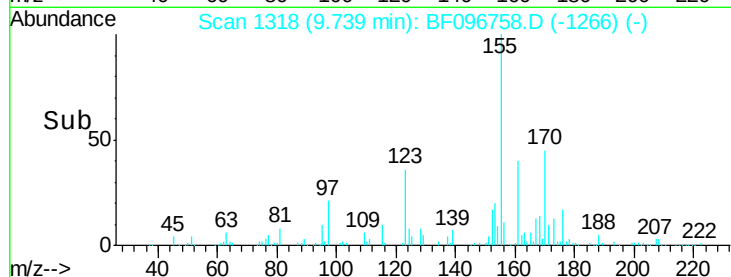
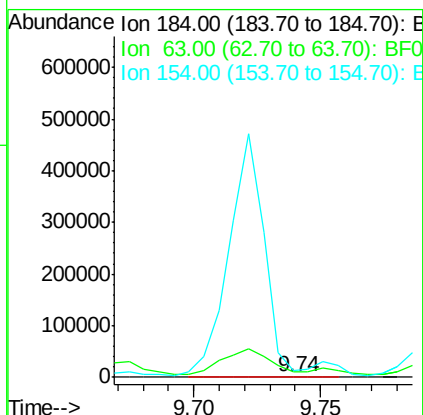
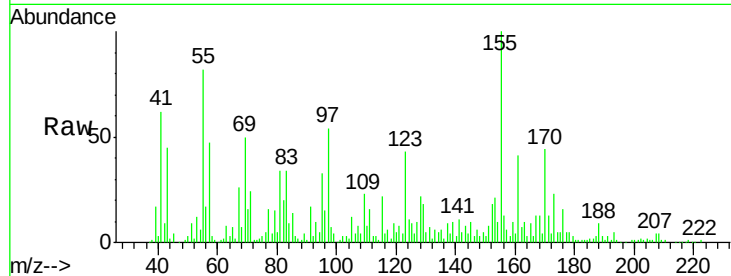




#53
 2,4-Dinitrophenol
 Concen: 8.85 na
 RT: 9.74 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

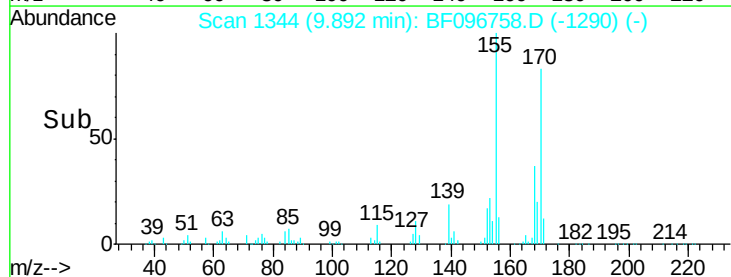
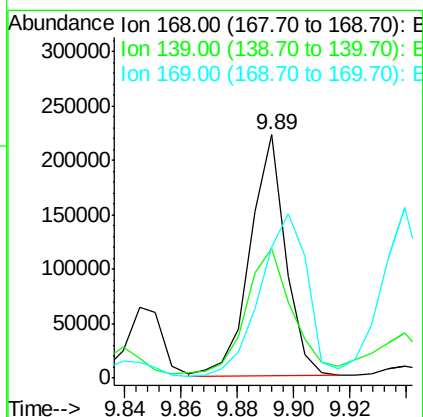
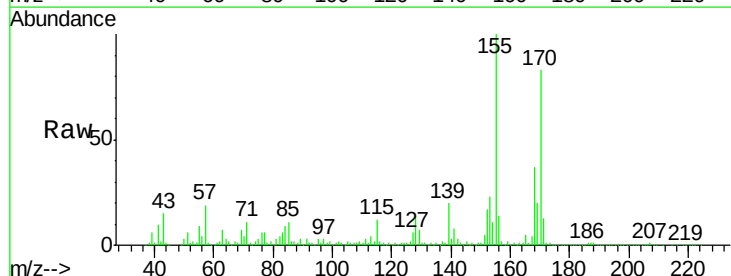
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESW

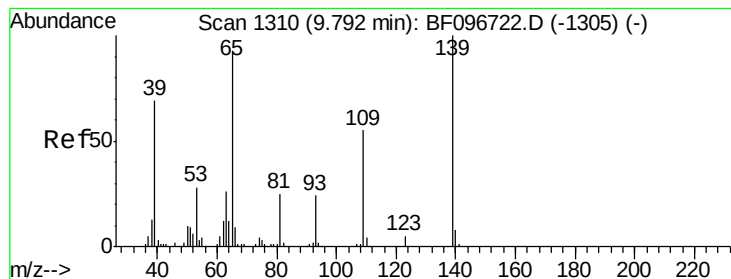
Tot Ion:184 Resp: 2500
 Ion Ratio Lower Upper
 184 100
 63 781.3 62.7 94.1#
 154 953.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 17.18 ng
 RT: 9.89 min Scan# 1344
 Delta R.T. 0.02 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

Tgt Ion:168 Resp: 192029
 Ion Ratio Lower Upper
 168 100
 139 53.3 30.6 45.8#
 169 53.6 10.8 16.2#





#55

4-Nitrophenol

Concen: 11.63 ng

RT: 9.84 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

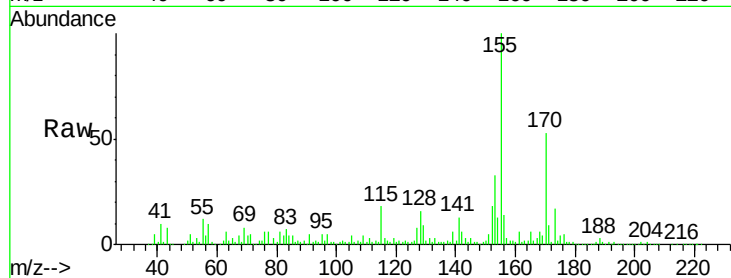
Tot Ion:139 Resp: 22036

Ion Ratio Lower Upper

139 100

109 56.3 34.1 74.1

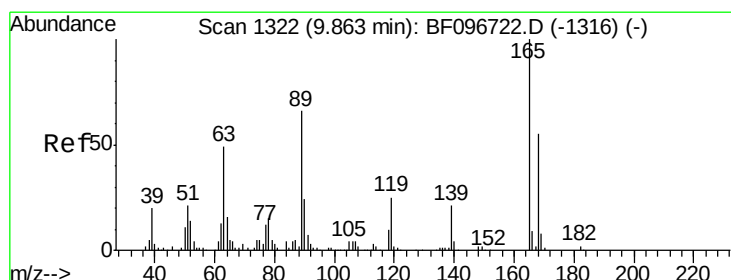
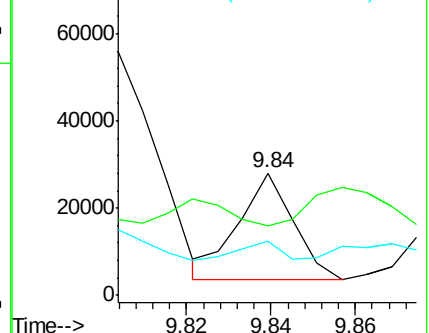
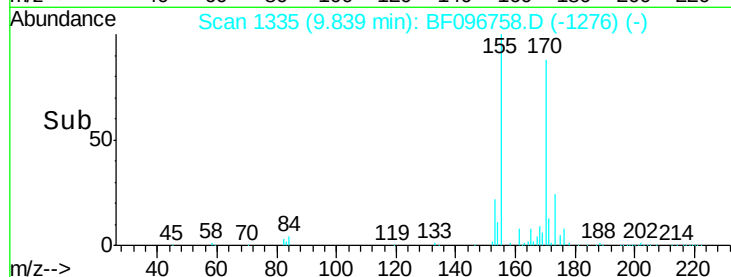
65 44.2 31.4 71.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 17.49 ng

RT: 9.90 min Scan# 1345

Delta R.T. 0.04 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Tgt Ion:165 Resp: 49196

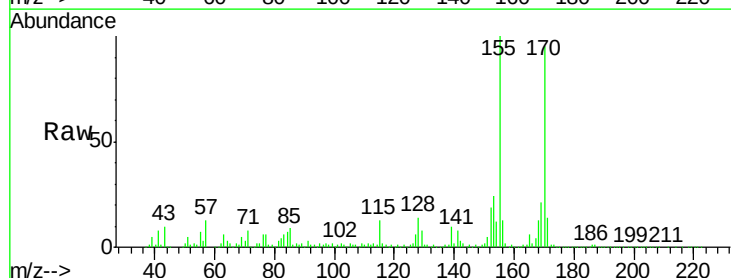
Ion Ratio Lower Upper

165 100

63 104.5 25.4 38.0#

89 39.0 46.4 69.6#

182 7.2 1.8 2.6#

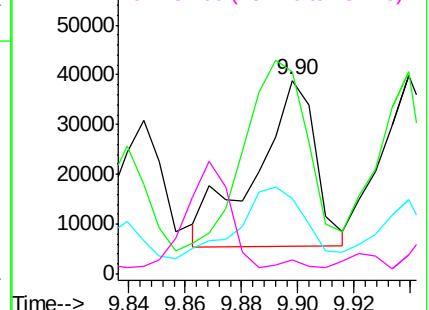
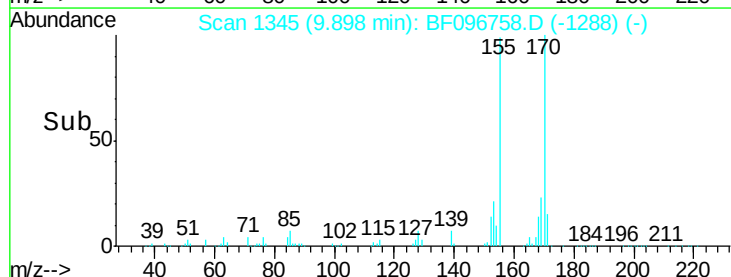


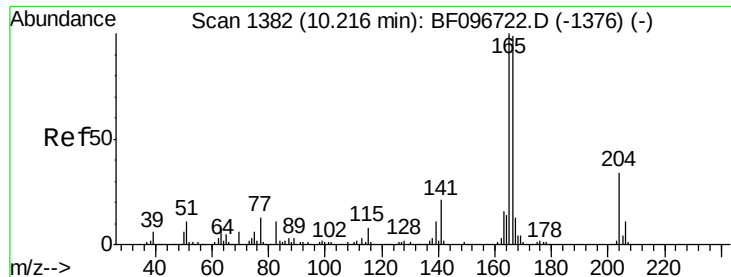
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

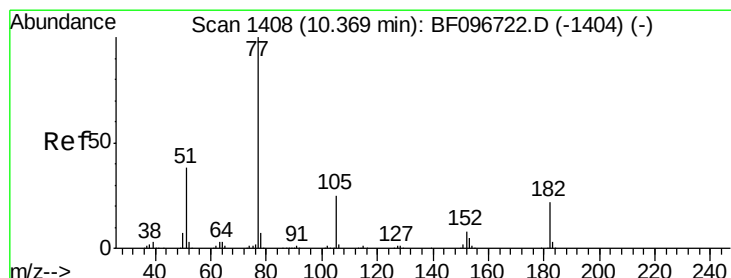
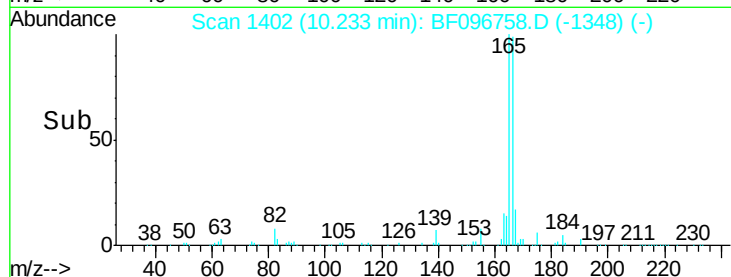
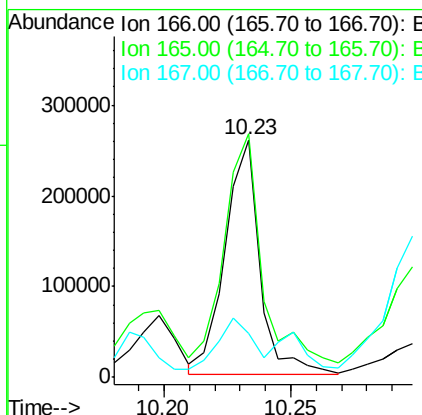
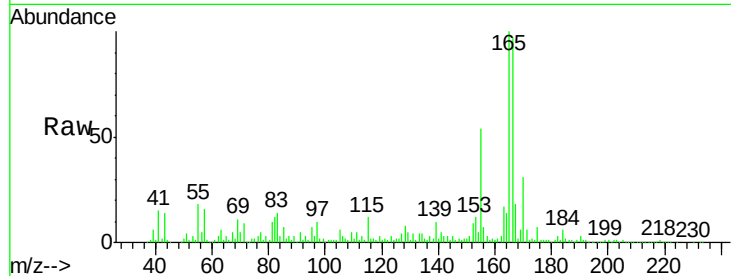




#57
 Fluorene
 Concen: 29.74 ng
 RT: 10.23 min Scan# 1402
 Delta R.T. 0.02 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

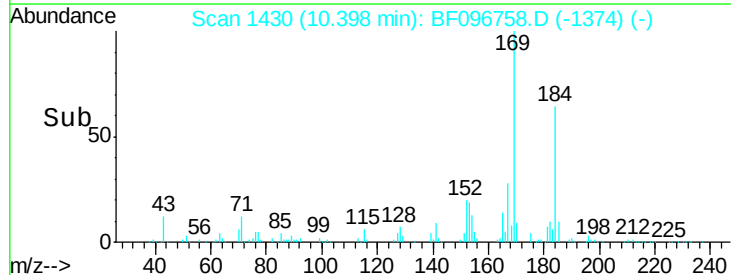
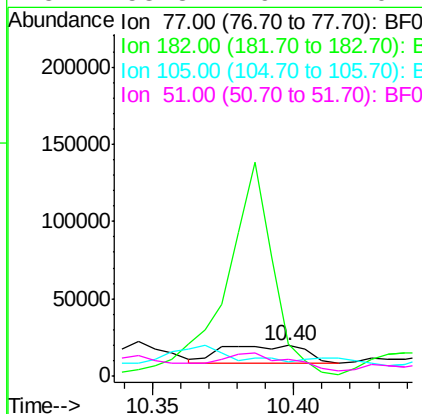
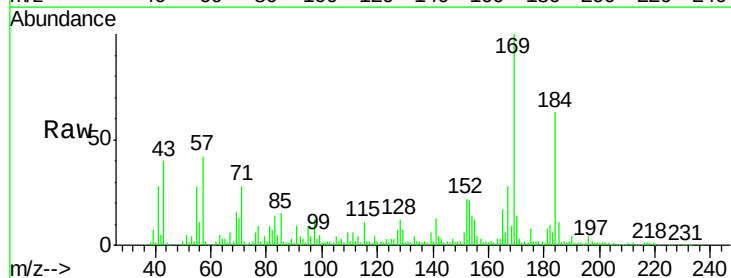
Instrument :
 BNA_F
 ClientSampleId :
 E2-P6-ESW

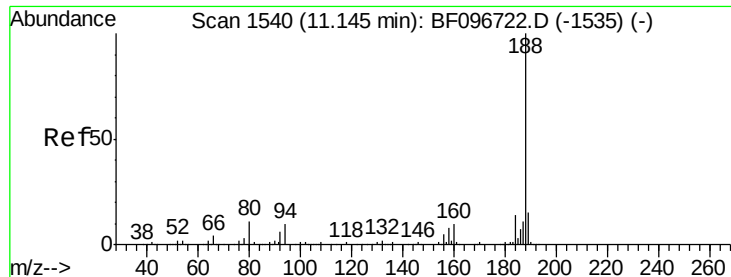
Tot Ion:166 Resp: 245721
 Ion Ratio Lower Upper
 166 100
 165 102.6 78.8 118.2
 167 18.5 10.6 16.0#



#62
 Azobenzene
 Concen: 2.77 ng
 RT: 10.40 min Scan# 1430
 Delta R.T. 0.03 min
 Lab File: BF096758.D
 Acq: 14 Jul 2017 5:32

Tgt Ion: 77 Resp: 24016
 Ion Ratio Lower Upper
 77 100
 182 106.5 0.1 40.1#
 105 47.2 3.6 43.6#
 51 53.8 9.4 49.4#

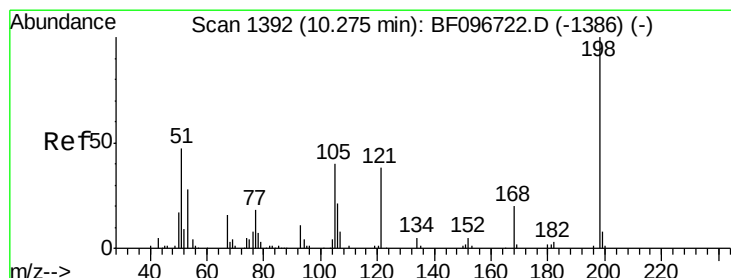
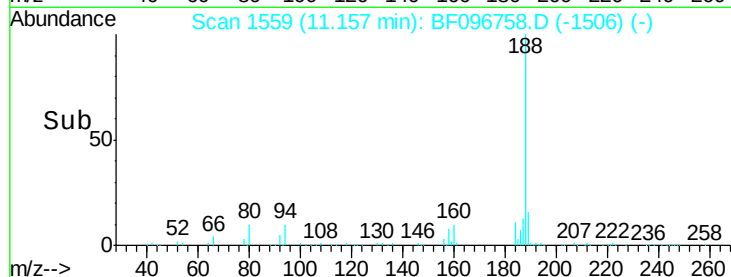
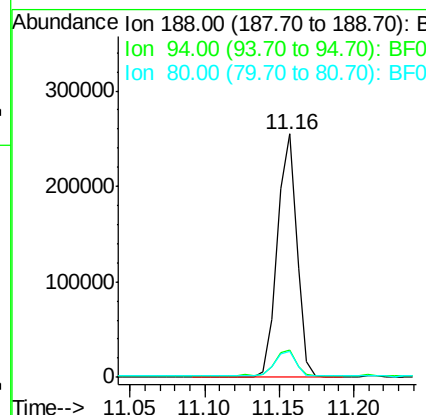
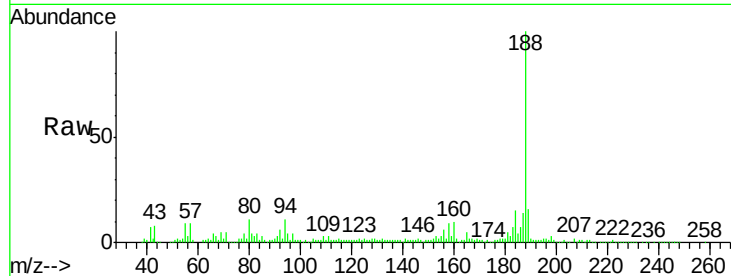




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

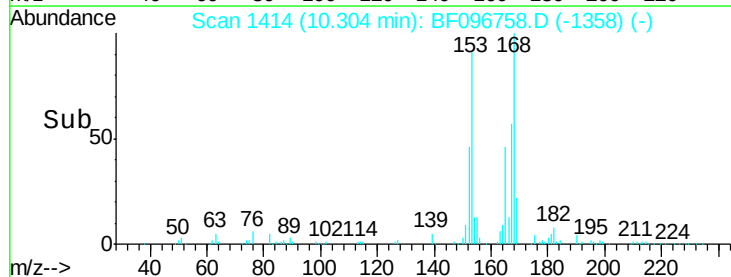
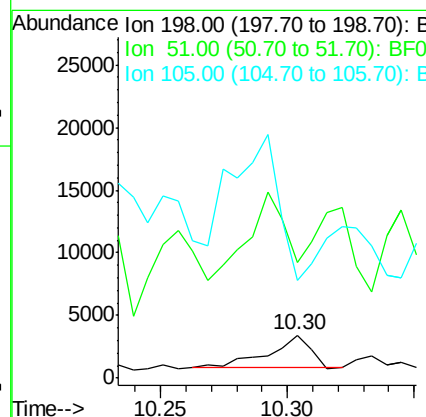
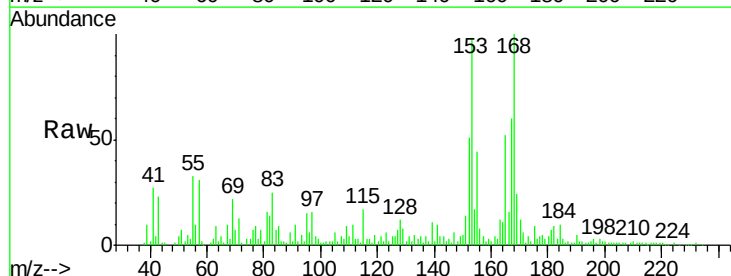
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

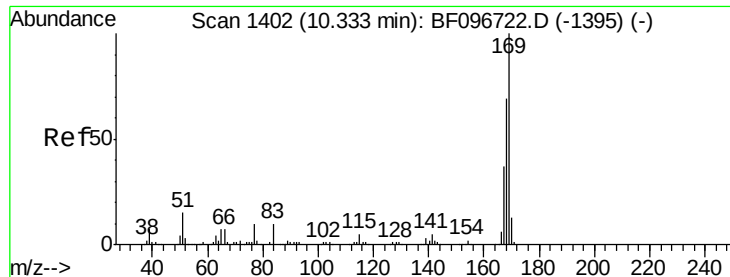
Tot Ion:188 Resp: 230298
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 10.9 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 2.04 ng
RT: 10.30 min Scan# 1414
Delta R.T. 0.03 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:198 Resp: 2947
Ion Ratio Lower Upper
198 100
51 269.3 53.2 93.2#
105 228.5 45.8 85.8#

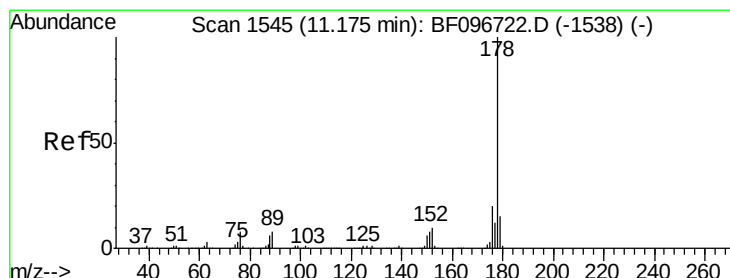
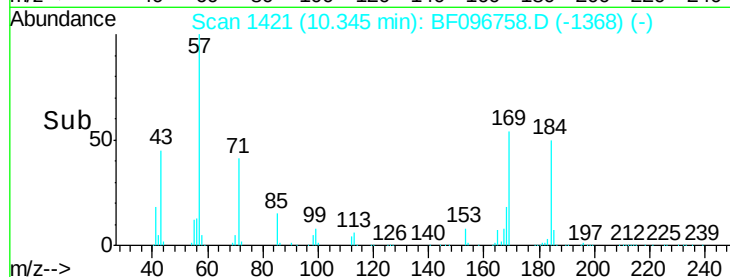
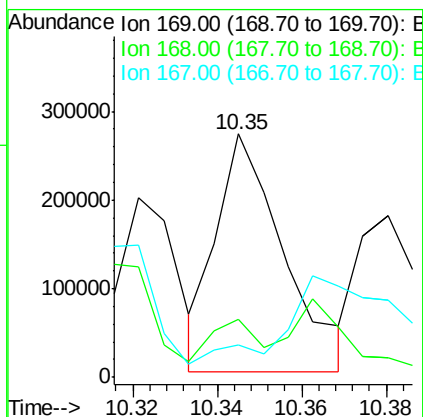
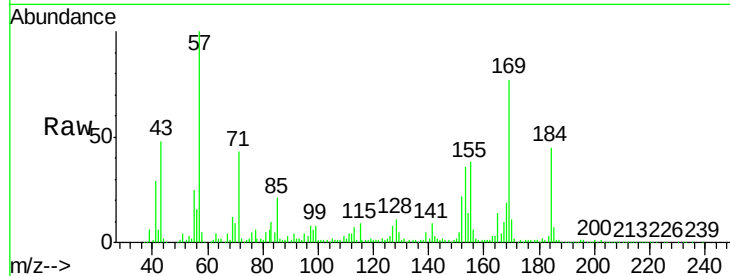




#65
n-Nitrosodiphenylamine
Concen: 35.94 ng
RT: 10.35 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

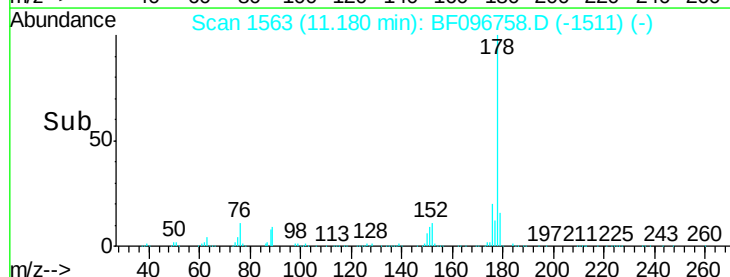
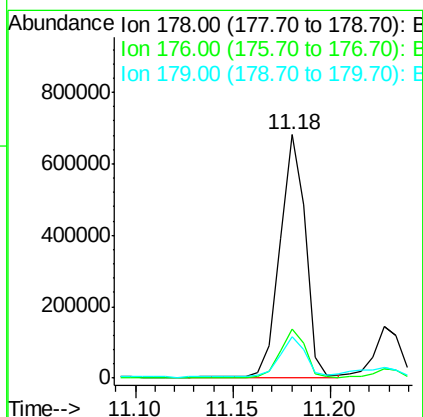
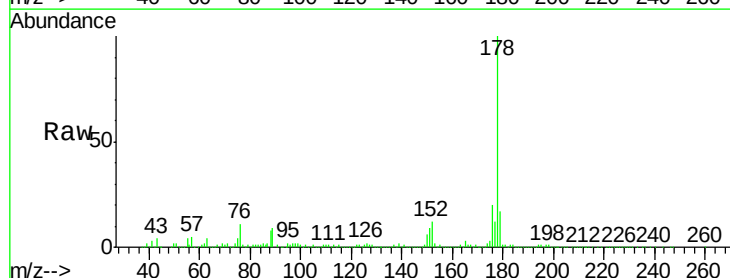
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

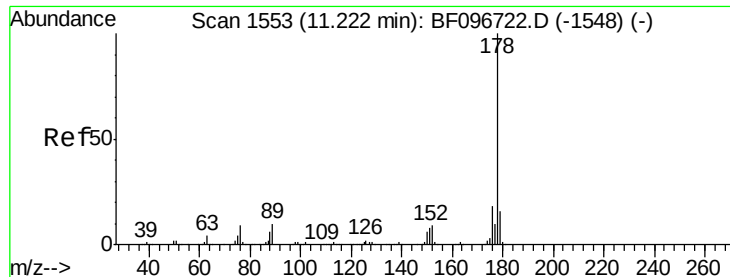
Tot Ion:169 Resp: 295908
Ion Ratio Lower Upper
169 100
168 24.0 53.2 79.8#
167 13.6 29.5 44.3#



#70
Phenanthrene
Concen: 48.91 ng
RT: 11.18 min Scan# 1563
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:178 Resp: 612445
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.9 12.6 19.0





#71

Anthracene

Concen: 48.37 ng

RT: 11.18 min Scan# 1563

Delta R.T. -0.04 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

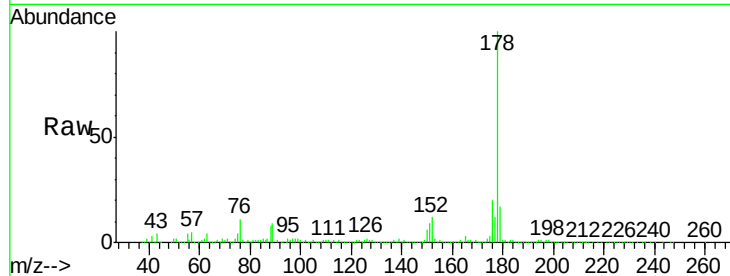
Tot Ion:178 Resp: 612445

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

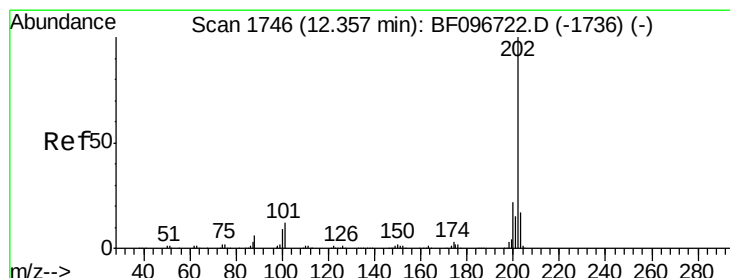
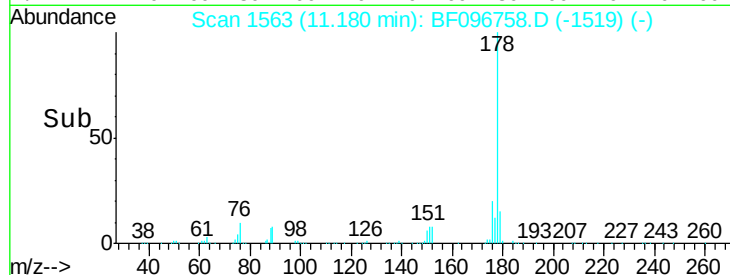
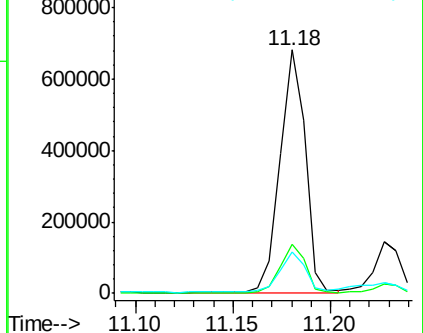
179 16.9 12.7 19.1



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



#74

Fluoranthene

Concen: 9.79 ng

RT: 12.36 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

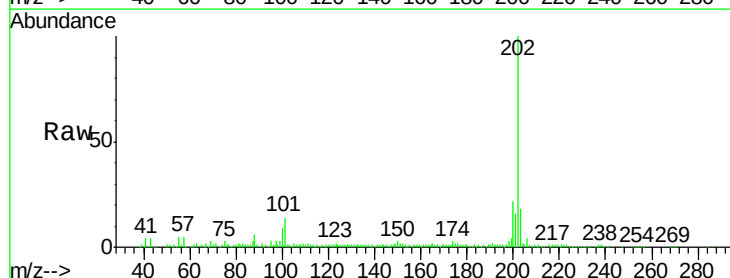
Tgt Ion:202 Resp: 117337

Ion Ratio Lower Upper

202 100

101 13.8 0.0 33.2

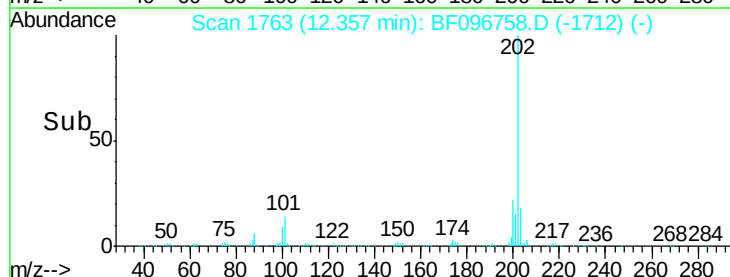
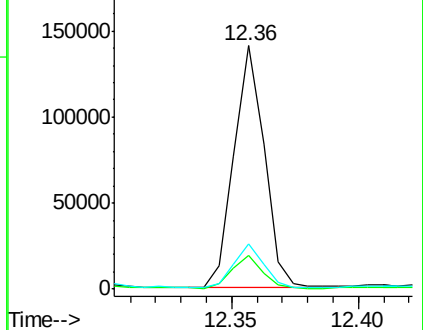
203 18.4 0.0 38.1

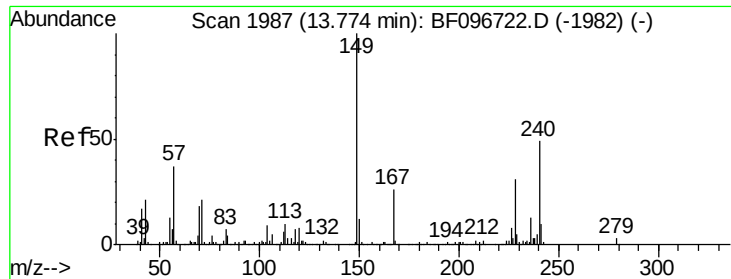


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

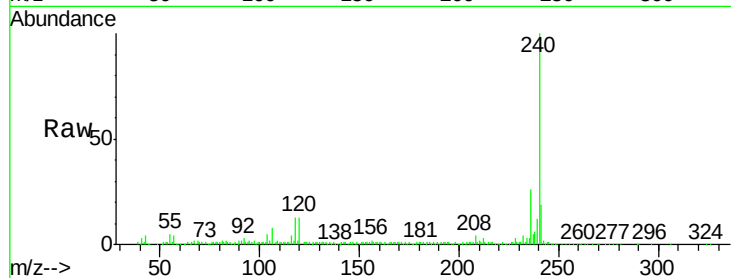




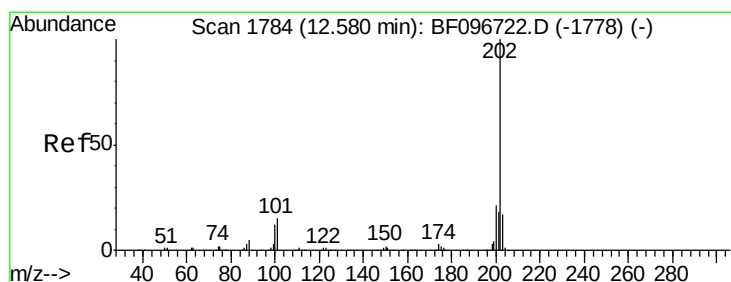
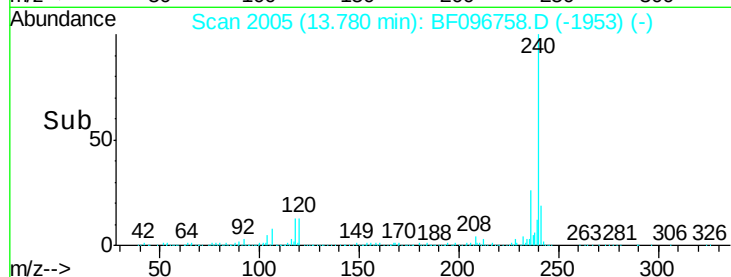
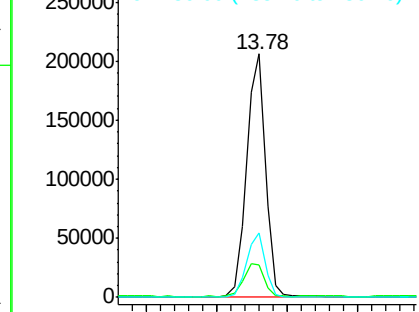
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

Tot Ion:240 Resp: 193493
Ion Ratio Lower Upper
240 100
120 13.3 5.8 8.8#
236 26.4 20.5 30.7

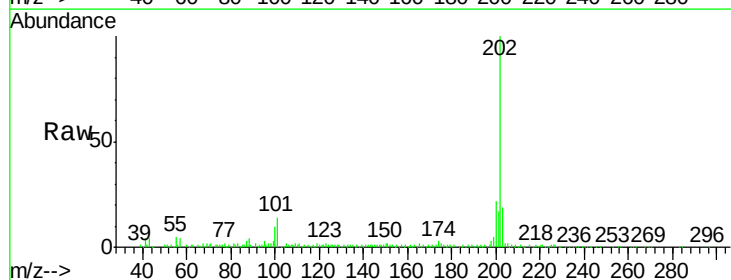


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

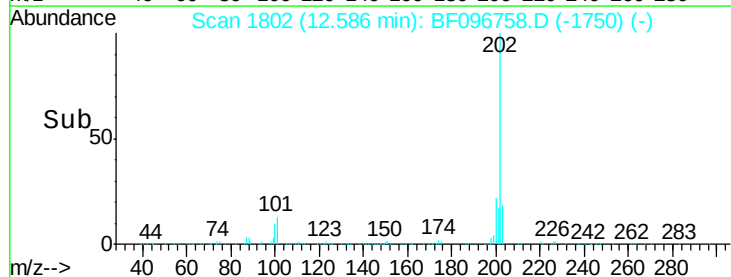
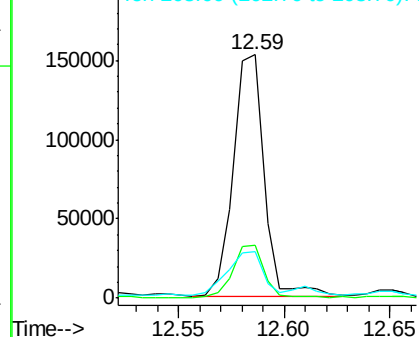


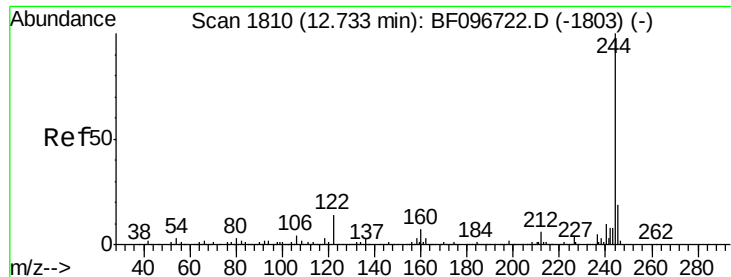
#77
Pyrene
Concen: 8.73 ng
RT: 12.59 min Scan# 1802
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:202 Resp: 153278
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 19.1 14.4 21.6



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: 41.08 ng

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

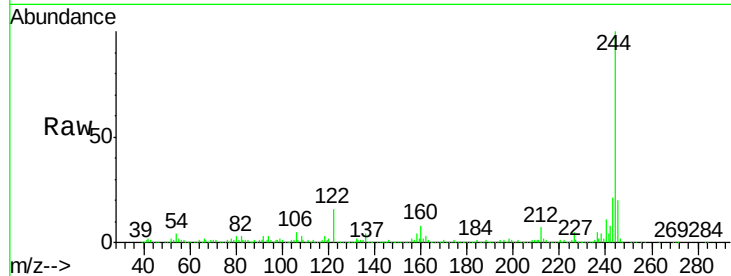
Tot Ion:244 Resp: 458326

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

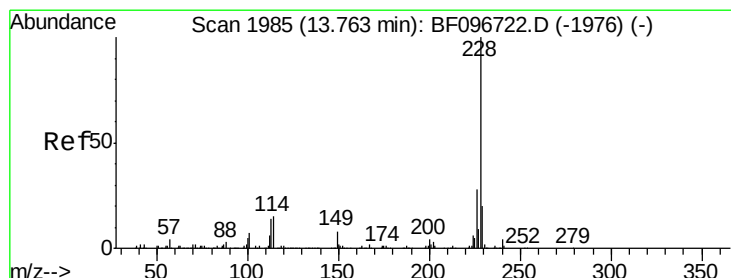
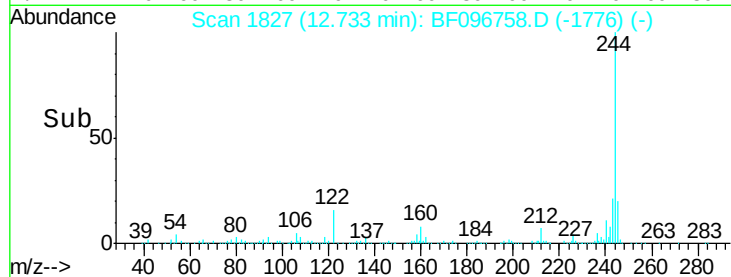
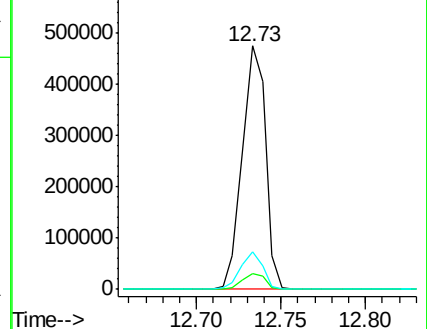
122 15.7 10.3 15.5#



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



#80

Benzo(a)anthracene

Concen: 3.06 ng

RT: 13.77 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

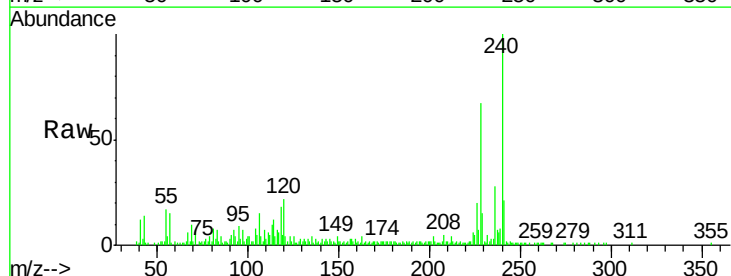
Tgt Ion:228 Resp: 36900

Ion Ratio Lower Upper

228 100

226 30.3 22.6 33.8

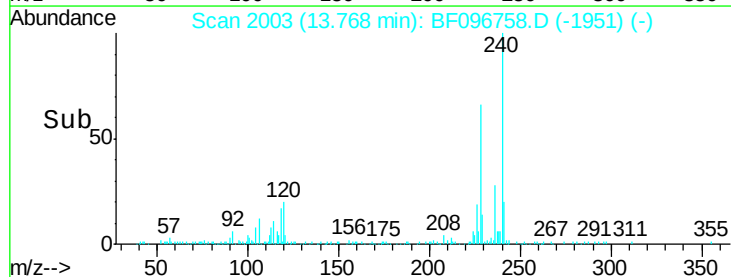
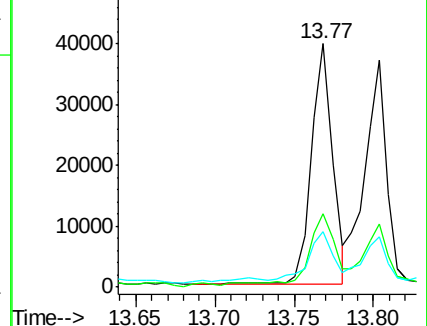
229 23.0 16.3 24.5

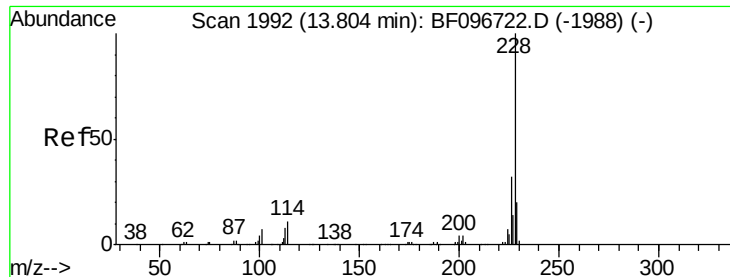


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.09 ng

RT: 13.80 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

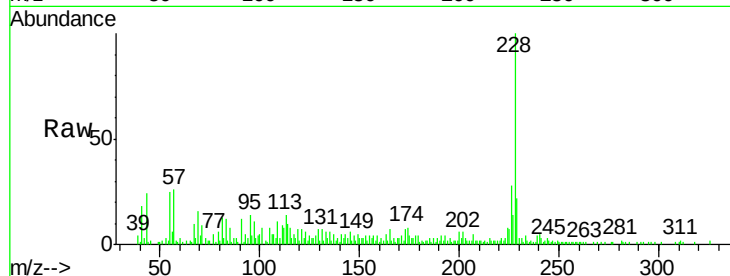
Tot Ion:228 Resp: 36692

Ion Ratio Lower Upper

228 100

226 28.0 24.9 37.3

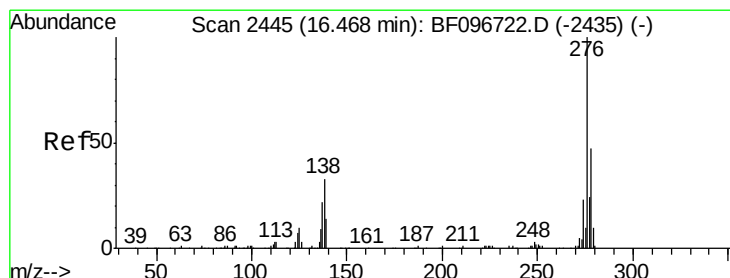
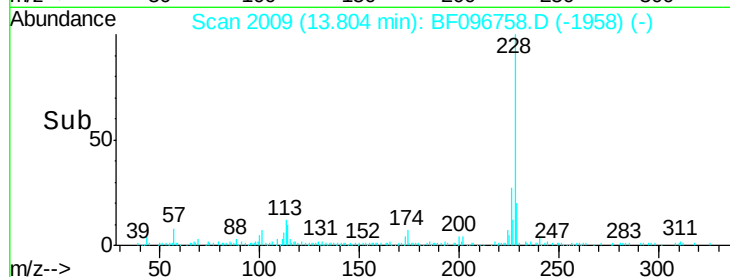
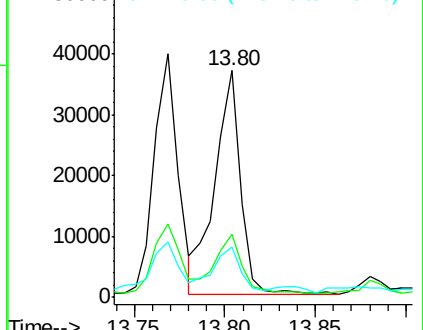
229 22.4 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.17 ng

RT: 16.47 min Scan# 2463

Delta R.T. 0.01 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

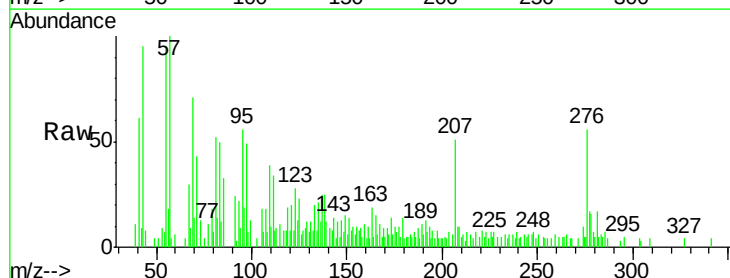
Tgt Ion:276 Resp: 9548

Ion Ratio Lower Upper

276 100

138 30.8 27.8 41.6

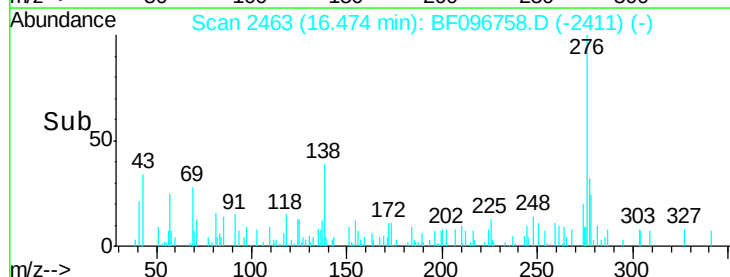
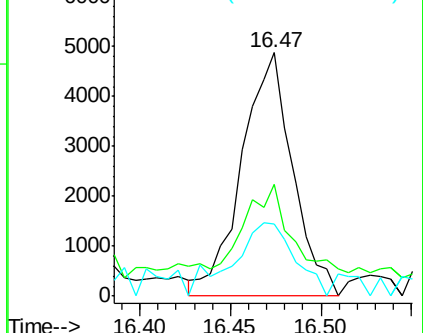
277 36.6 20.2 30.4#

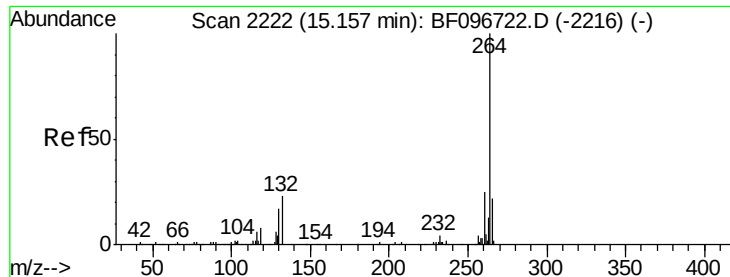


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

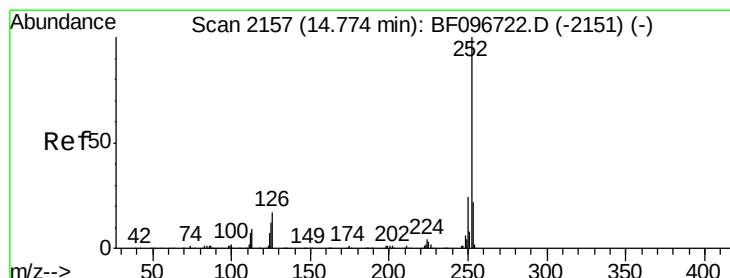
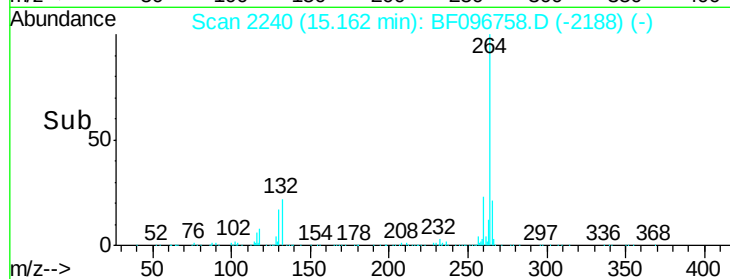
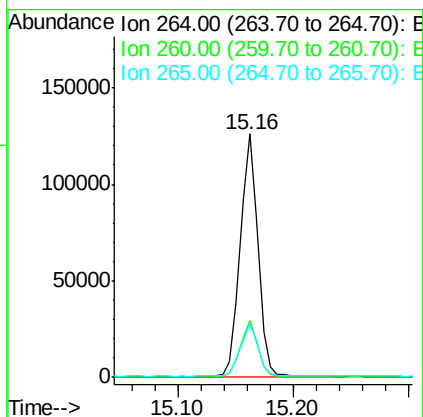
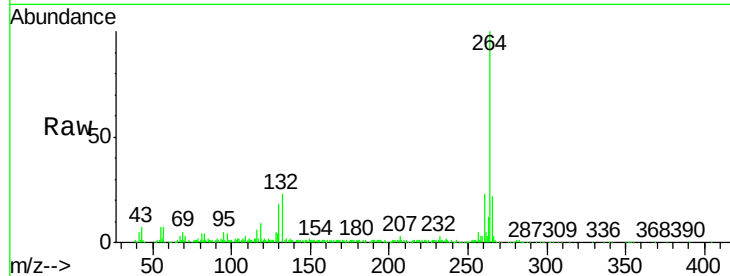




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

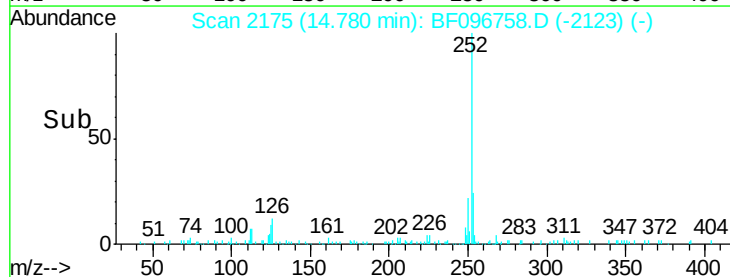
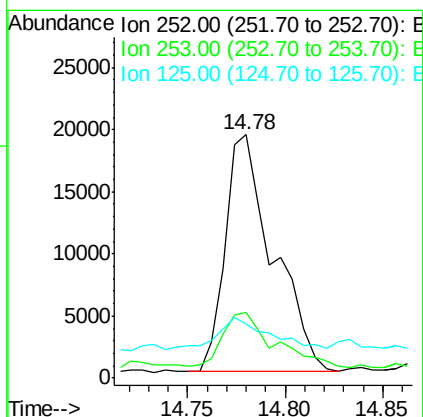
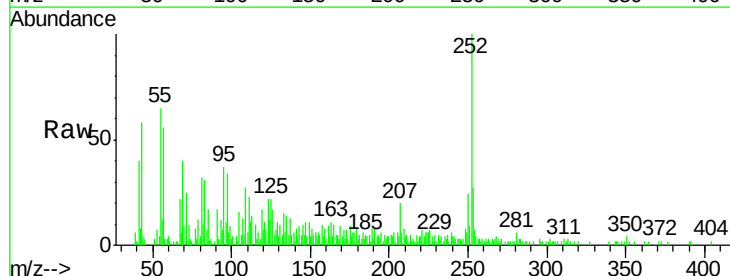
Instrument :
BNA_F
ClientSampleId :
E2-P6-ESW

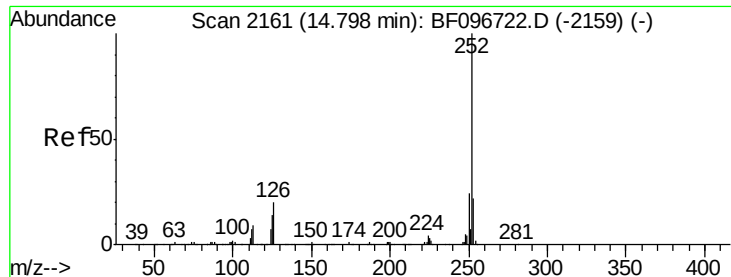
Tot Ion:264 Resp: 137474
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 21.8 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.90 ng
RT: 14.78 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF096758.D
Acq: 14 Jul 2017 5:32

Tgt Ion:252 Resp: 32344
Ion Ratio Lower Upper
252 100
253 27.2 18.1 27.1#
125 22.3 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 4.12 ng

RT: 14.78 min Scan# 2175

Delta R.T. -0.02 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

Instrument :

BNA_F

ClientSampleId :

E2-P6-ESW

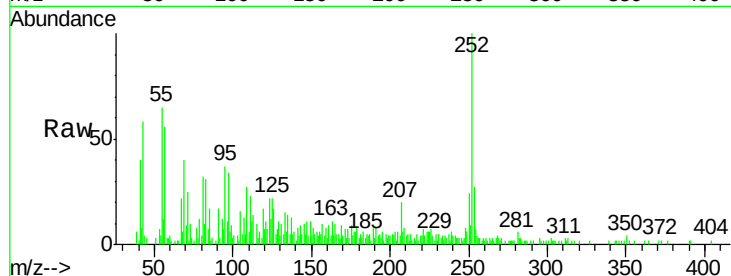
Tot Ion:252 Resp: 32344

Ion Ratio Lower Upper

252 100

253 27.2 18.4 27.6

125 22.3 13.1 19.7#

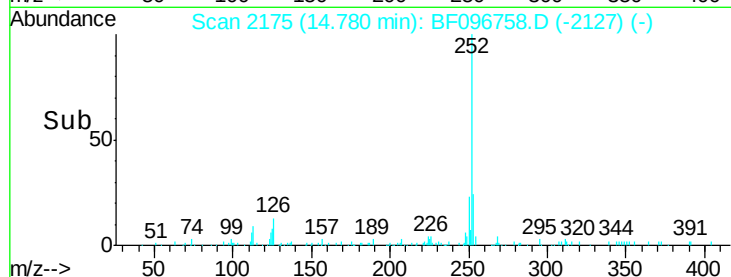


Abundance Ion 252.00 (251.70 to 252.70): E

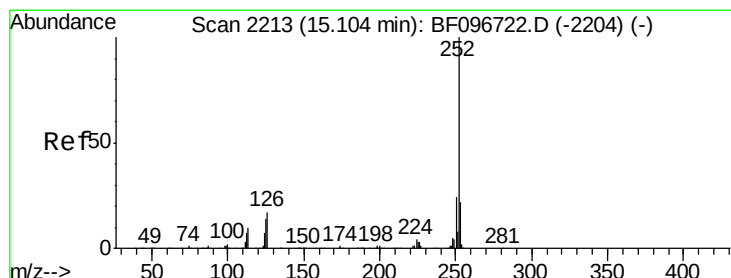
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#89

Benzo(a)pyrene

Concen: 2.22 ng

RT: 15.10 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BF096758.D

Acq: 14 Jul 2017 5:32

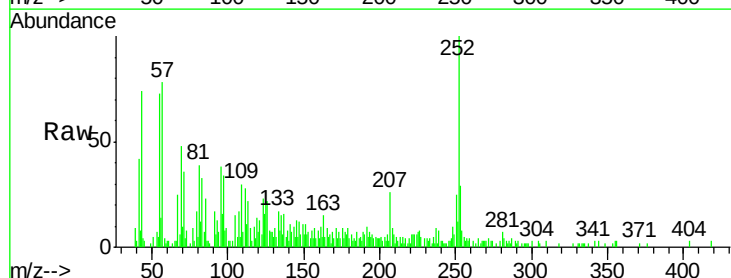
Tgt Ion:252 Resp: 16916

Ion Ratio Lower Upper

252 100

253 29.4 17.5 26.3#

125 22.2 11.0 16.4#

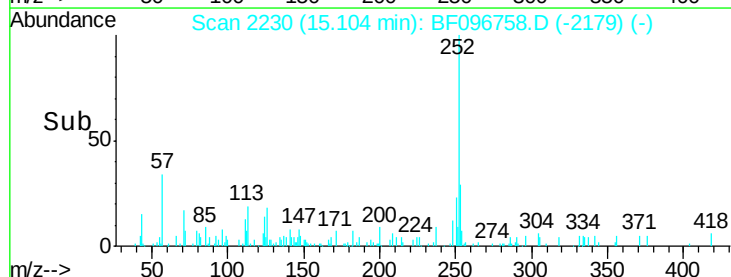


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->