

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079397.D
 Acq On : 21 May 2015 00:16
 Operator : TP/IZ
 Sample : G2303-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

Quant Time: May 21 01:21:13 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 05:08:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-7.13
21) Naphthalene-d8	8.67	136	237885	20.00	ng	-0.03
38) Acenaphthene-d10	10.85	164	118721	20.00	ng	-0.03
63) Phenanthrene-d10	12.69	188	218729	20.00	ng	-0.03
75) Chrysene-d12	15.97	240	247012	20.00	ng	-0.06
86) Perylene-d12	17.68	264	234923	20.00	ng	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.67	99	64448	0.00	ng	-0.03
23) Nitrobenzene-d5	7.78	82	49152	11.87	ng	-0.05
41) 2,4,6-Tribromophenol	11.83	330	21679	16.88	ng	-0.03
44) 2-Fluorobiphenyl	10.02	172	101392	11.90	ng	-0.03
78) Terphenyl-d14	14.67	244	122245	11.85	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Acetophenone	7.59	105	151528	28.19	ng	# 46
25) Isophorone	8.08	82	38351	5.00	ng	# 1
31) Naphthalene	8.70	128	215426	19.01	ng	# 84
32) Benzoic acid	8.42	122	4768	8.26	ng	# 1
35) Caprolactam	9.23	113	40291	41.24	ng	# 1
37) 2-Methylnaphthalene	9.56	142	652514	83.07	ng	99
45) 1,1'-Biphenyl	10.14	154	116180	12.31	ng	97
47) 2-Nitroaniline	10.34	65	16003	7.50	ng	# 56
48) Acenaphthylene	10.67	152	55530	4.59	ng	# 32
50) 2,6-Dinitrotoluene	10.57	165	3833	2.23	ng	# 1
51) Acenaphthene	10.88	154	78180	10.85	ng	95
53) 2,4-Dinitrophenol	10.95	184	854	2.61	ng	# 1
54) Dibenzofuran	11.10	168	44967	4.32	ng	# 20
55) 4-Nitrophenol	11.04	139	9143	5.38	ng	# 25
56) 2,4-Dinitrotoluene	11.11	165	32294	14.21	ng	# 56
57) Fluorene	11.53	166	177840	20.81	ng	# 88
59) Diethylphthalate	11.41	149	18475	2.14	ng	# 31
64) 4,6-Dinitro-2-methylphenol	11.63	198	987	2.39	ng	# 1
65) n-Nitrosodiphenylamine	11.68	169	237781	32.64	ng	# 39
68) Atrazine	12.33	200	15915	7.51	ng	73
69) Pentachlorophenol	12.50	266	827	7.34	ng	# 4
70) Phenanthrene	12.72	178	595323	48.65	ng	97
71) Anthracene	12.72	178	579058	48.24	ng	97
72) Carbazole	12.98	167	27481	2.40	ng	# 1
74) Fluoranthene	14.19	202	57092	4.48	ng	75
77) Pyrene	14.47	202	238036	16.72	ng	# 95
80) Benzo(a)anthracene	15.95	228	96307	7.12	ng	# 64
82) Chrysene	16.00	228	141841	10.90	ng	# 66
83) Bis(2-ethylhexyl)phthalate	16.01	149	59349	6.30	ng	97
87) Benzo(b)fluoranthene	17.25	252	33190	2.58	ng	# 27
88) Benzo(k)fluoranthene	17.25	252	33190	2.67	ng	# 28
89) Benzo(a)pyrene	17.61	252	41890	3.54	ng	# 41

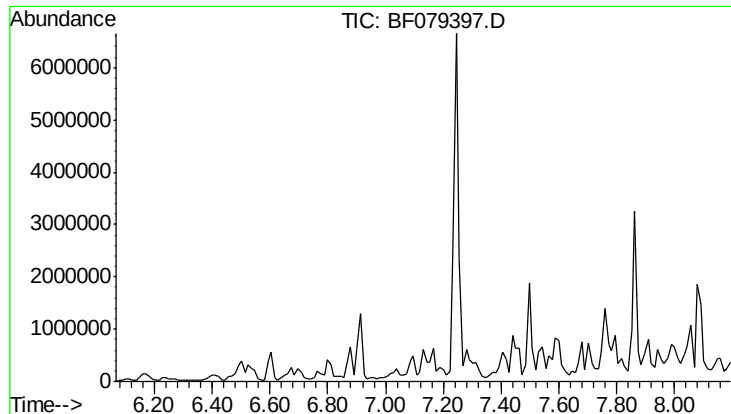
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
Data File : BF079397.D
Acq On : 21 May 2015 00:16
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 7.13 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

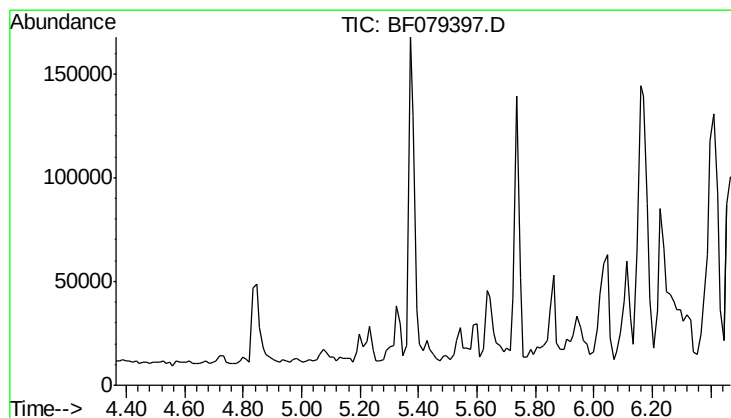
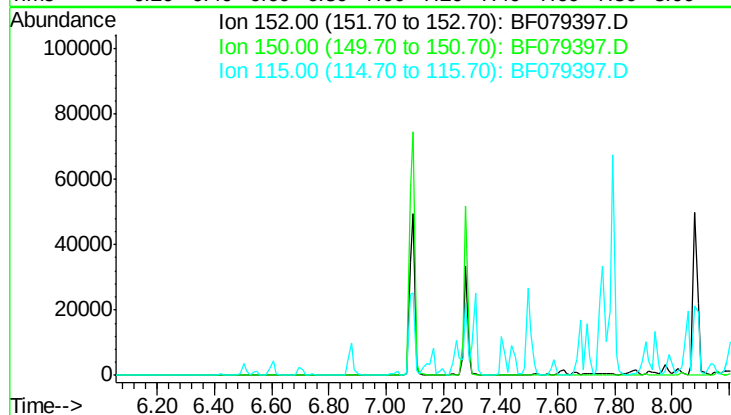
Tgt Ion: 152

Sig Exp Ratio

152 100

150 154.8

115 61.7



#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.42 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

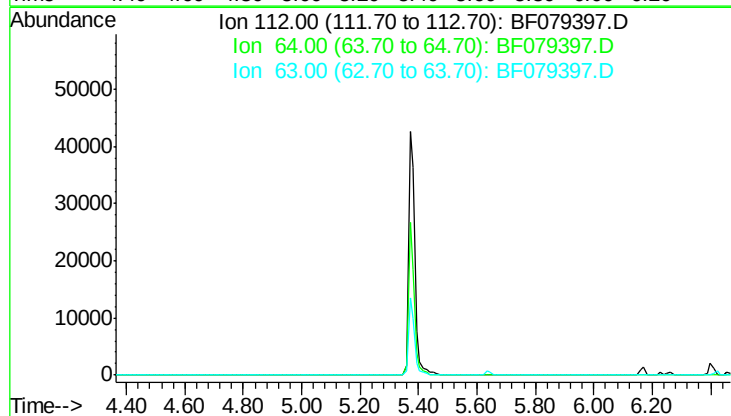
Tgt Ion: 112

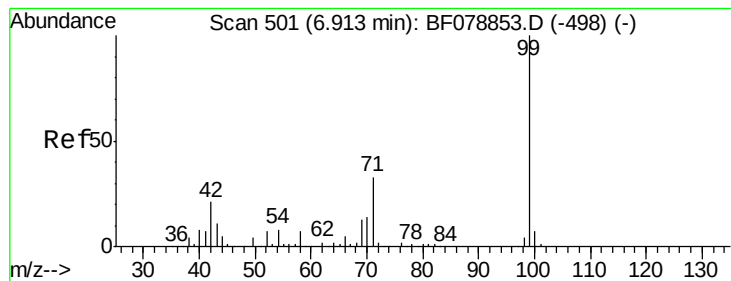
Sig Exp Ratio

112 100

64 55.2

63 28.4





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.67 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampled :

TOPSOIL

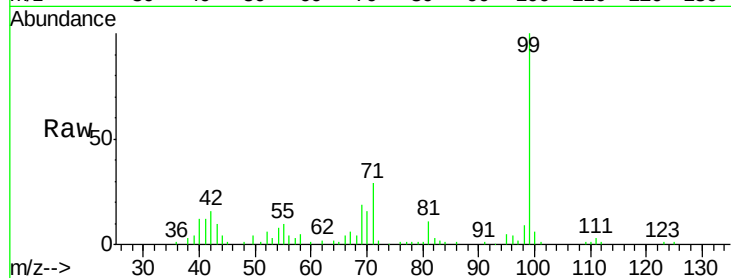
Tgt Ion: 99 Resp: 64448

Ion Ratio Lower Upper

99 100

42 15.9 17.1 25.7#

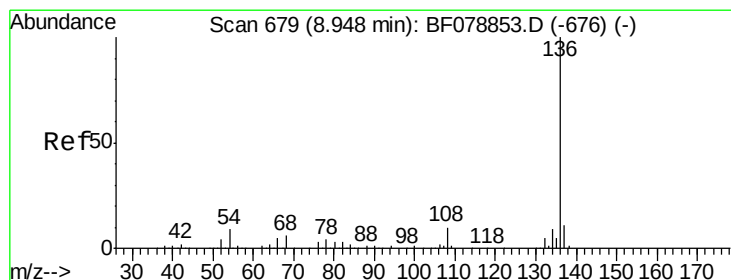
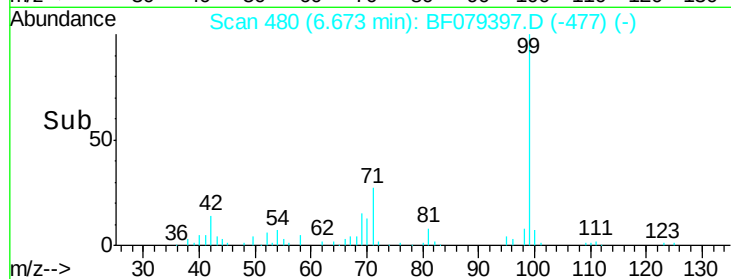
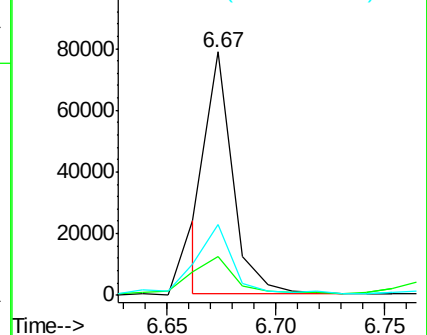
71 29.1 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.67 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Tgt Ion: 136 Resp: 237885

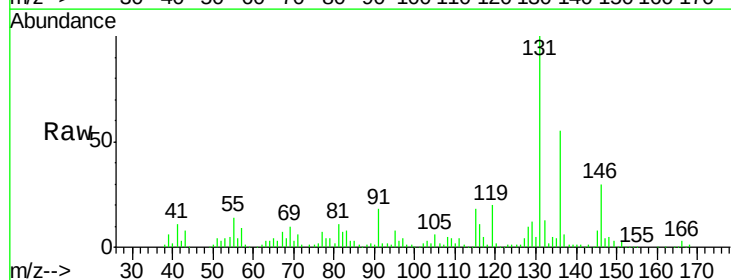
Ion Ratio Lower Upper

136 100

137 11.7 8.8 13.2

54 9.3 6.9 10.3

68 8.1 4.9 7.3#

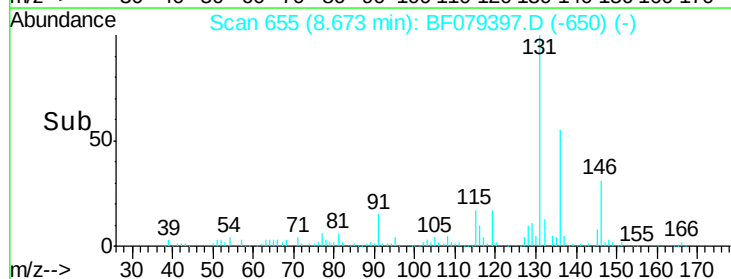
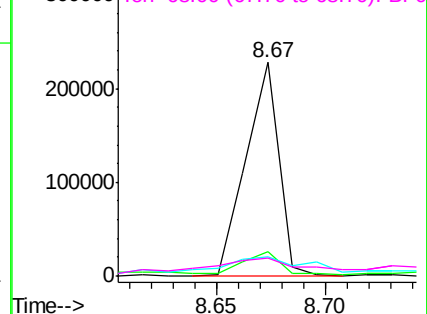


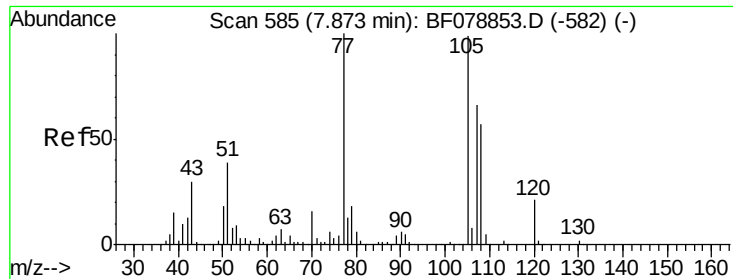
Abundance Ion 136.00 (135.70 to 136.70): E

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: 28.19 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.06 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

Tgt Ion:105 Resp: 151528

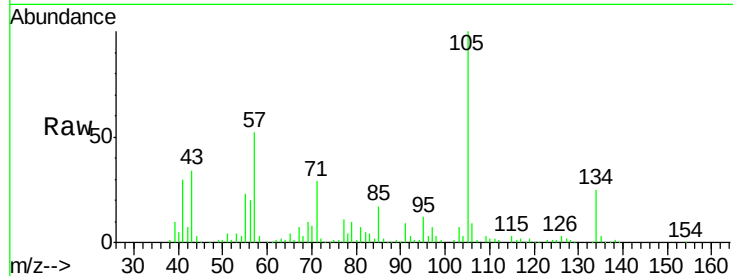
Ion Ratio Lower Upper

105 100

71 28.9 2.2 3.4#

51 3.8 31.1 46.7#

120 0.3 16.7 25.1#

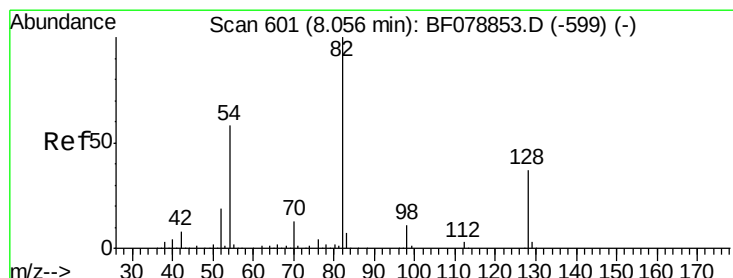
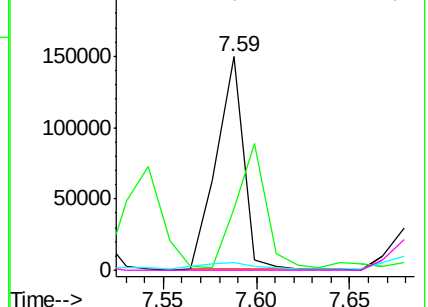
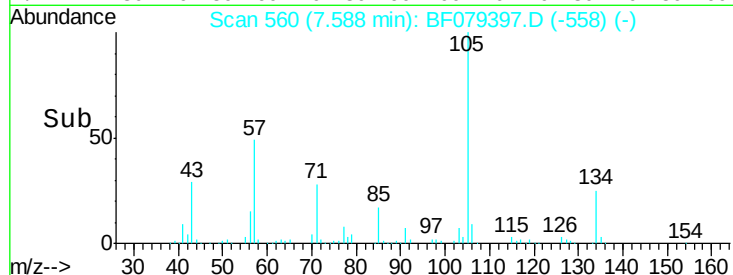


Abundance Ion 105.00 (104.70 to 105.70): E

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: 11.87 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.05 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

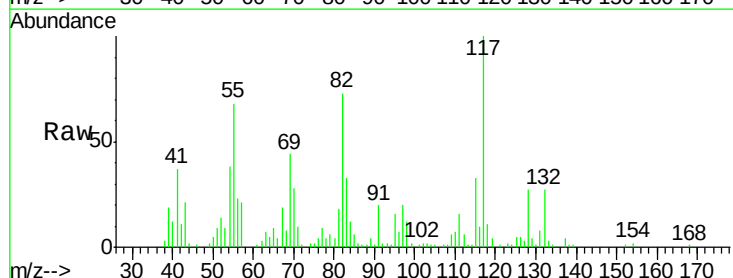
Tgt Ion: 82 Resp: 49152

Ion Ratio Lower Upper

82 100

128 37.0 29.7 44.5

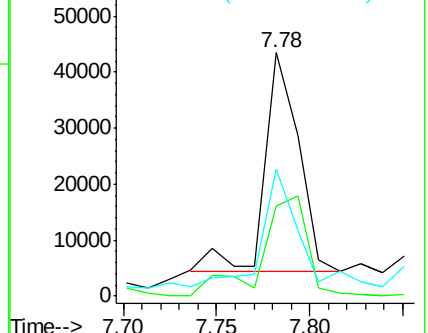
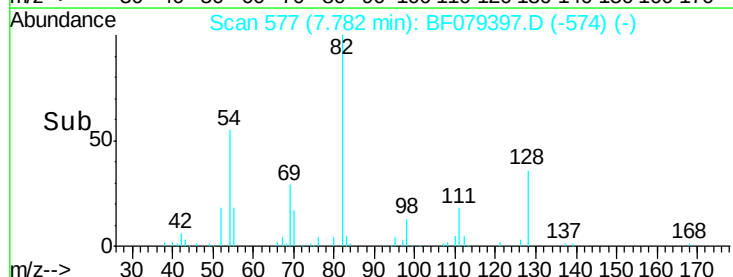
54 52.0 46.2 69.4

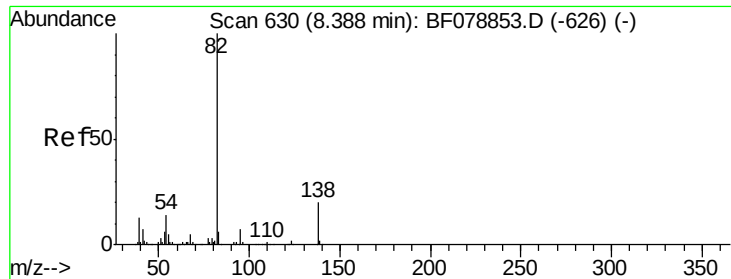


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 5.00 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.07 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampled :

TOPSOIL

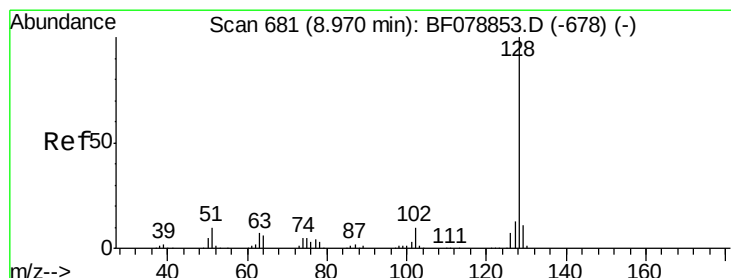
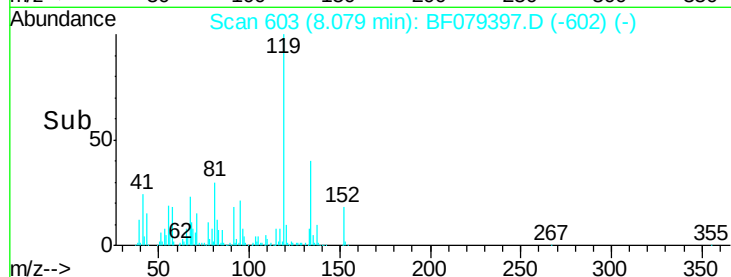
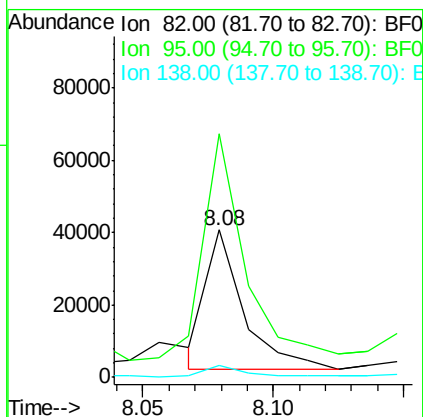
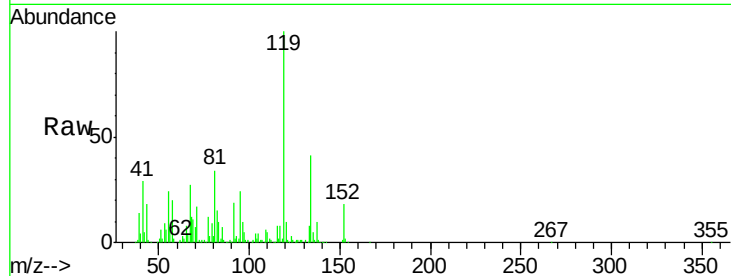
Tgt Ion: 82 Resp: 38351

Ion Ratio Lower Upper

82 100

95 165.2 5.4 8.2#

138 8.3 16.1 24.1#



#31

Naphthalene

Concen: 19.01 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

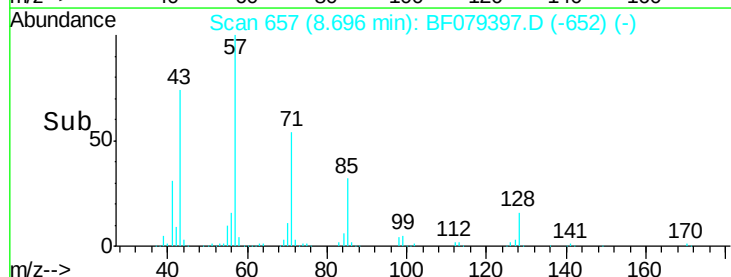
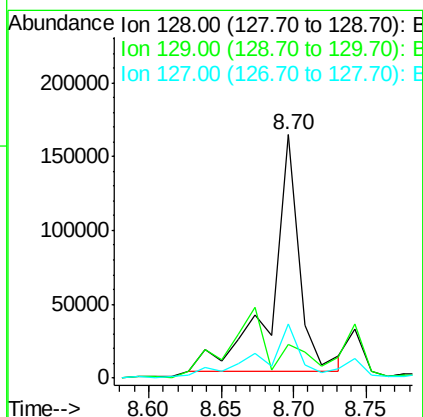
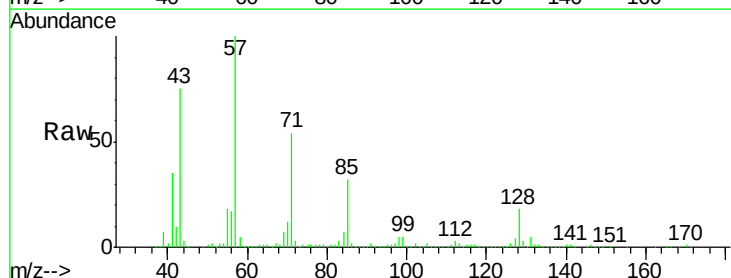
Tgt Ion: 128 Resp: 215426

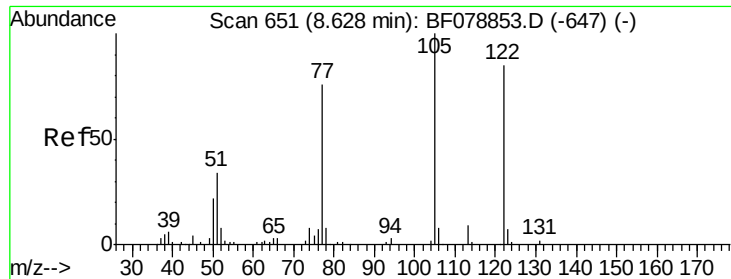
Ion Ratio Lower Upper

128 100

129 14.0 9.2 13.8#

127 22.4 10.3 15.5#





#32

Benzoic acid

Concen: 8.26 ng

RT: 8.42 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

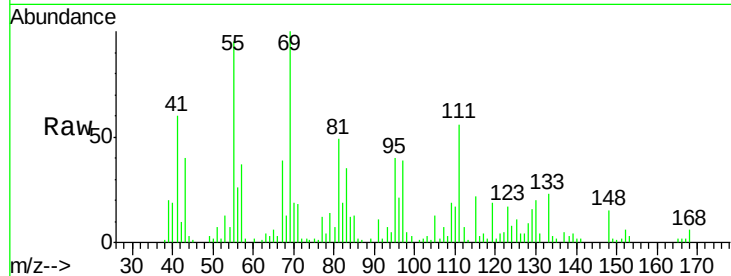
Tgt Ion:122 Resp: 4768

Ion Ratio Lower Upper

122 100

105 244.9 100.7 140.7#

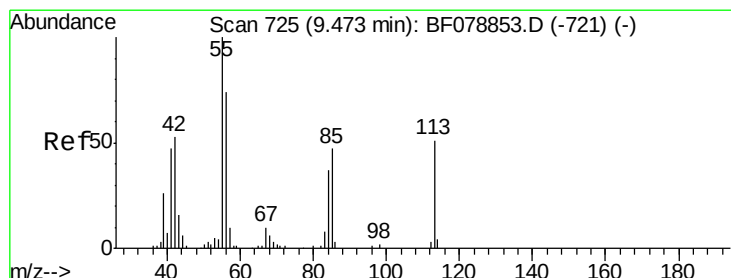
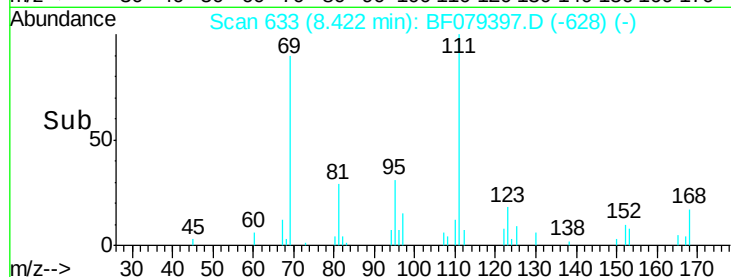
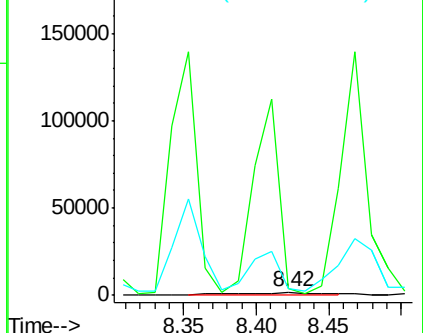
77 224.8 72.0 112.0#



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



#35

Caprolactam

Concen: 41.24 ng

RT: 9.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

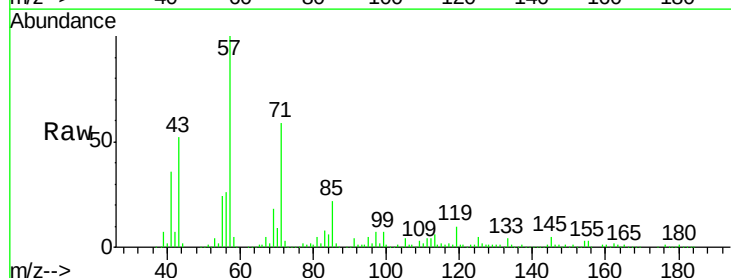
Tgt Ion:113 Resp: 40291

Ion Ratio Lower Upper

113 100

55 391.0 176.0 216.0#

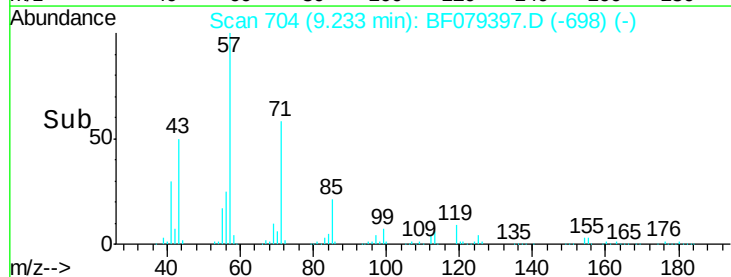
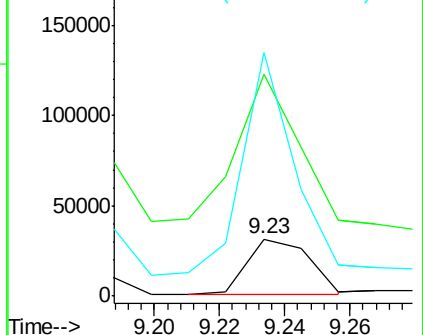
56 429.1 123.8 163.8#

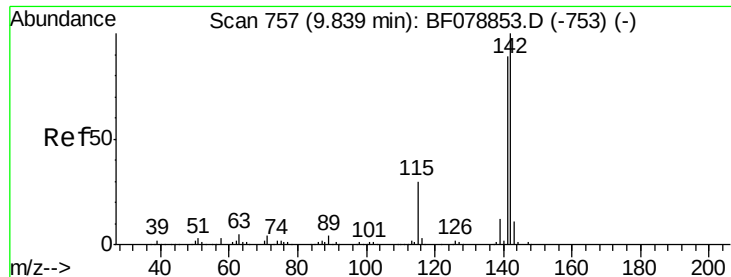


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

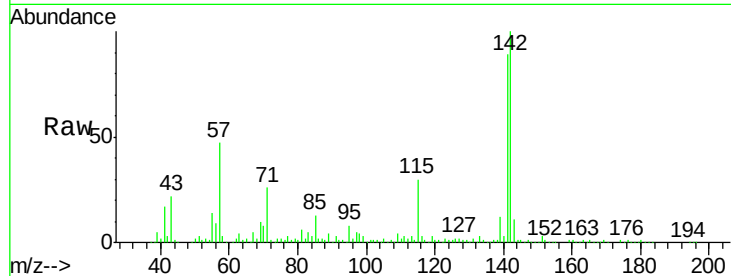




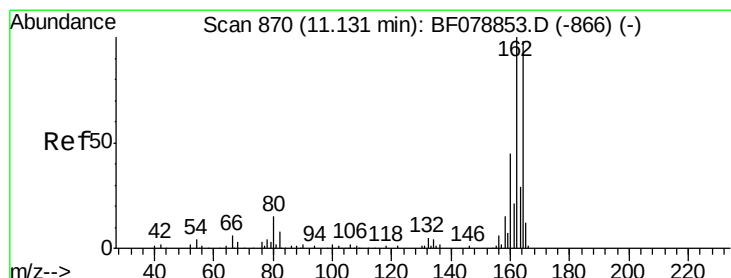
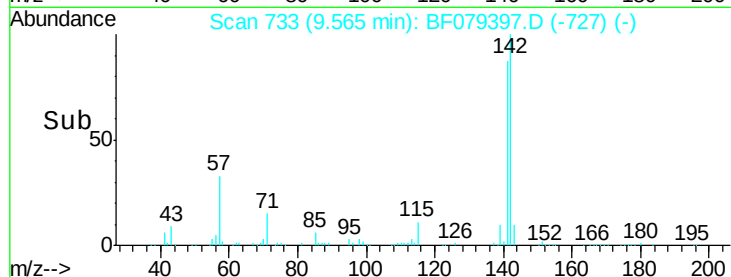
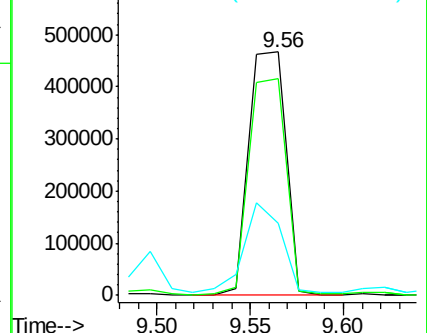
#37
 2-Methylnaphthalene
 Concen: 83.07 ng
 RT: 9.56 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

Tgt Ion:142 Resp: 652514
 Ion Ratio Lower Upper
 142 100
 141 89.1 71.6 107.4
 115 29.6 24.2 36.4

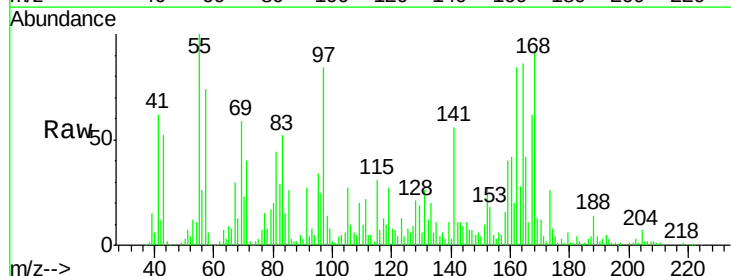


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

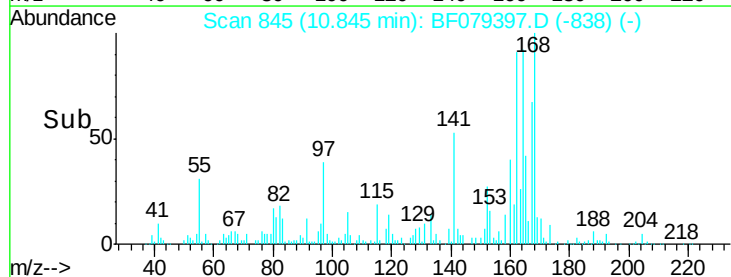
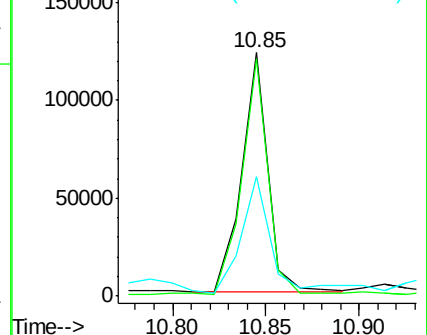


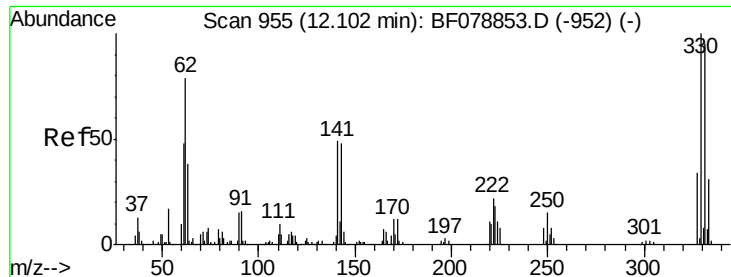
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.85 min Scan# 845
 Delta R.T. -0.03 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

Tgt Ion:164 Resp: 118721
 Ion Ratio Lower Upper
 164 100
 162 97.5 81.4 122.0
 160 48.9 36.6 54.8



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

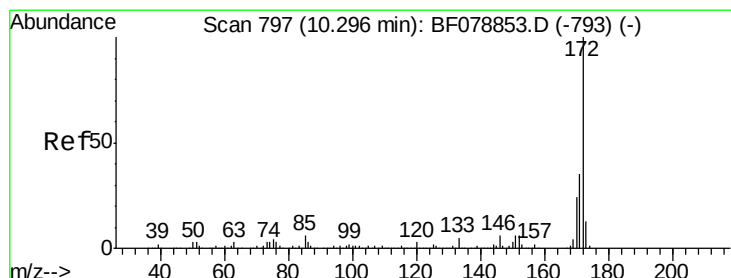
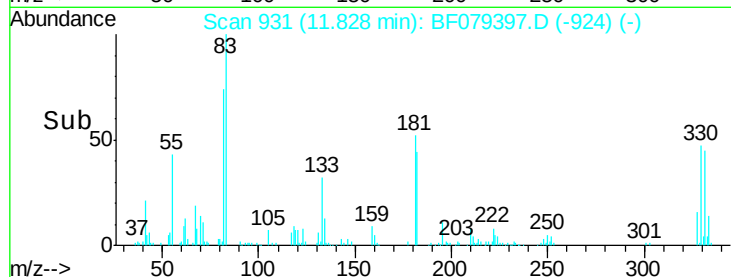
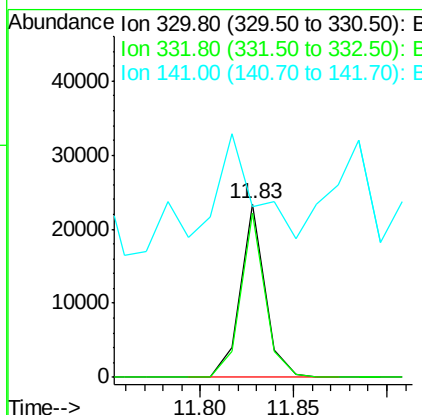
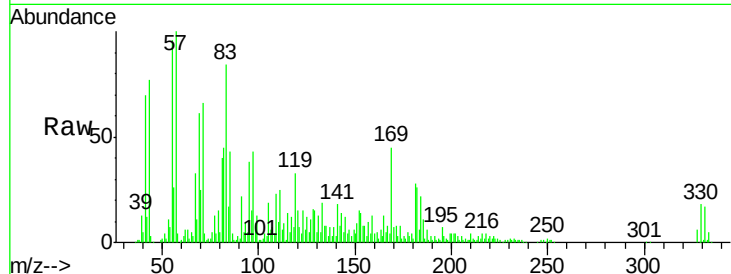




#41
 2,4,6-Tribromophenol
 Concen: 16.88 ng
 RT: 11.83 min Scan# 931
 Delta R.T. -0.03 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

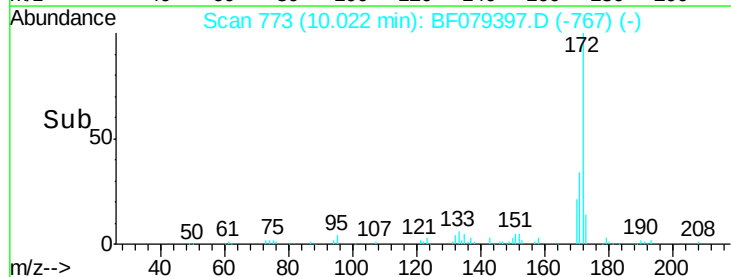
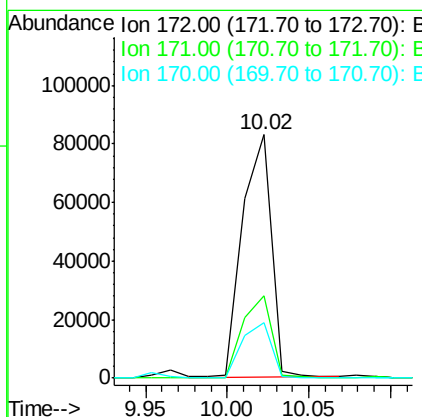
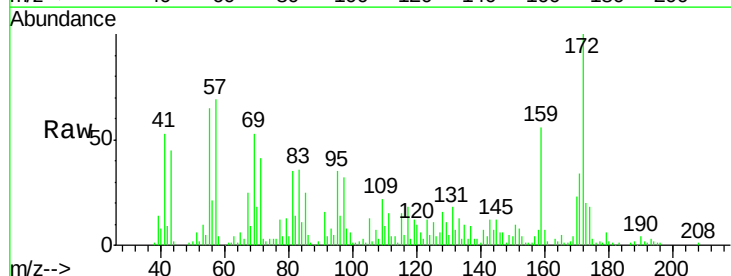
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 BNA_F
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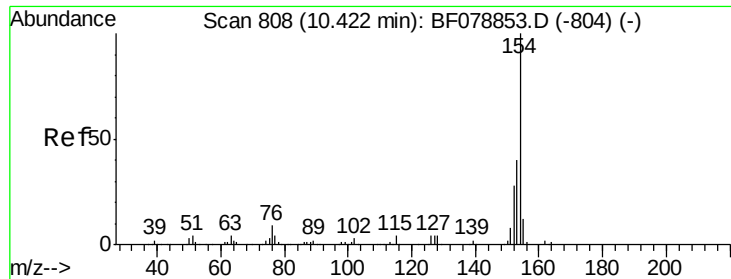
Tgt Ion:330 Resp: 21679
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.9 115.3
 141 140.1 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 11.90 ng
 RT: 10.02 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

Tgt Ion:172 Resp: 101392
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.3 42.5
 170 22.7 19.4 29.2

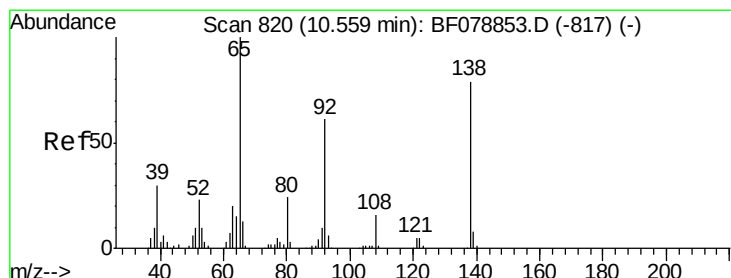
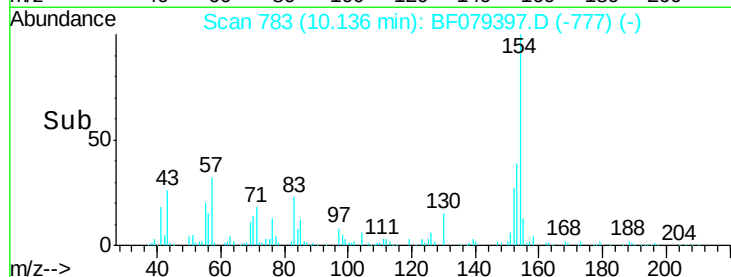
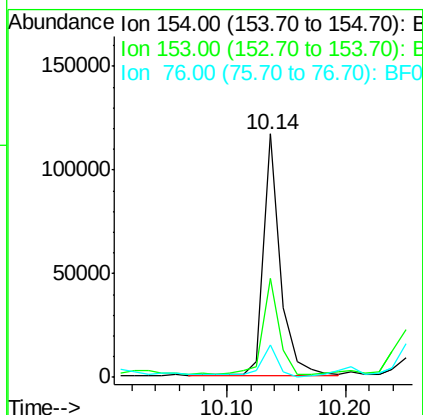
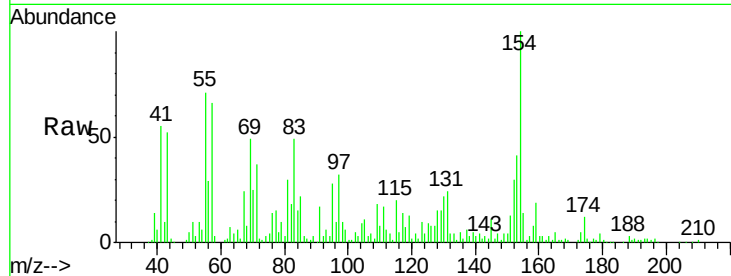




#45
 1,1'-Biphenyl
 Concen: 12.31 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

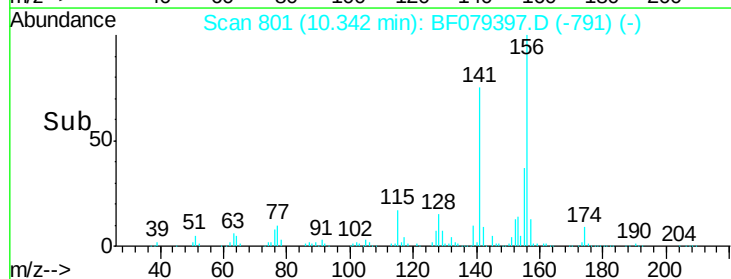
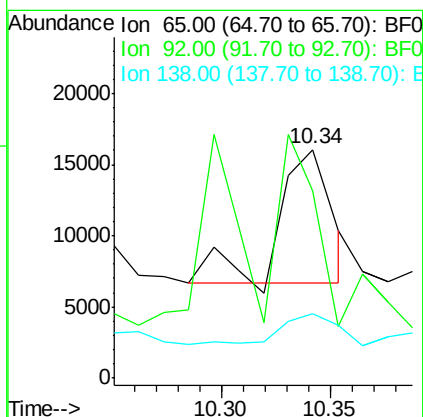
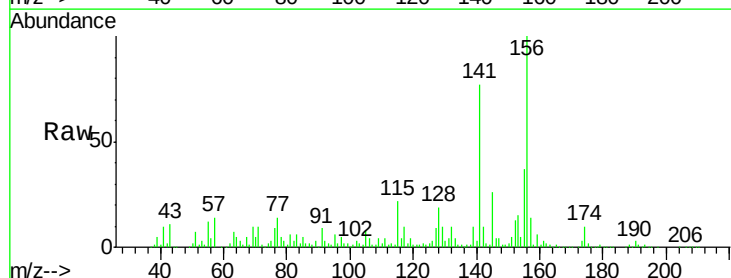
Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

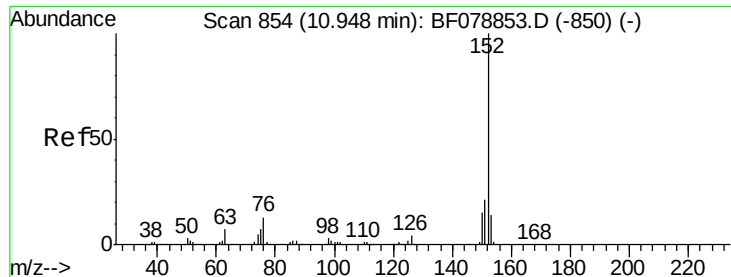
Tgt Ion:154 Resp: 116180
 Ion Ratio Lower Upper
 154 100
 153 40.5 19.7 59.7
 76 13.6 0.0 29.1



#47
 2-Nitroaniline
 Concen: 7.50 ng
 RT: 10.34 min Scan# 801
 Delta R.T. 0.01 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

Tgt Ion: 65 Resp: 16003
 Ion Ratio Lower Upper
 65 100
 92 82.2 49.1 73.7#
 138 28.4 63.2 94.8#





#48

Acenaphthylene

Concen: 4.59 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

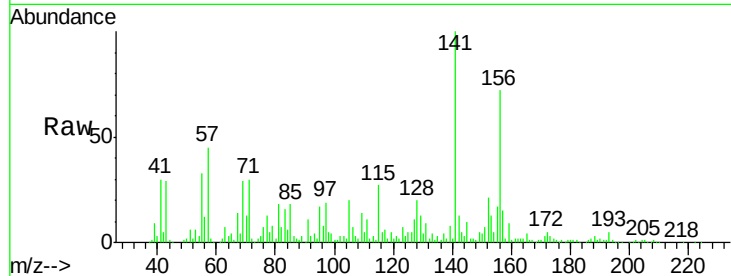
Tgt Ion:152 Resp: 55530

Ion Ratio Lower Upper

152 100

151 34.6 16.6 24.8#

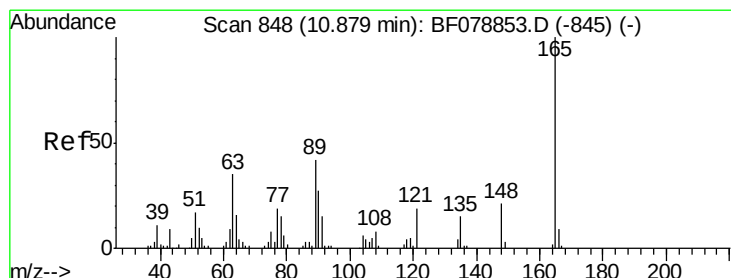
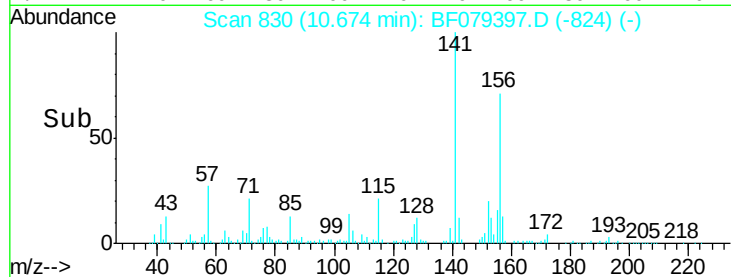
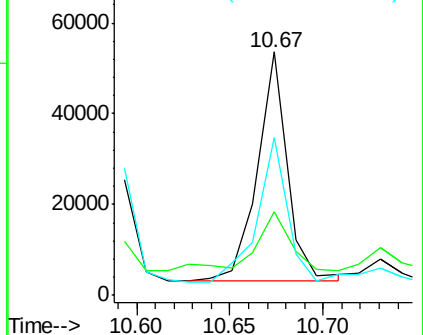
153 64.7 11.0 16.6#



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



#50

2,6-Dinitrotoluene

Concen: 2.23 ng

RT: 10.57 min Scan# 821

Delta R.T. -0.07 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

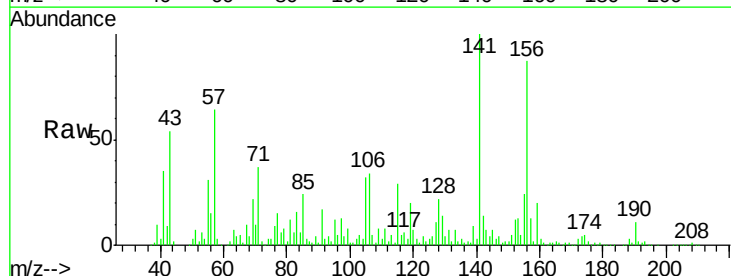
Tgt Ion:165 Resp: 3833

Ion Ratio Lower Upper

165 100

63 338.9 29.2 43.8#

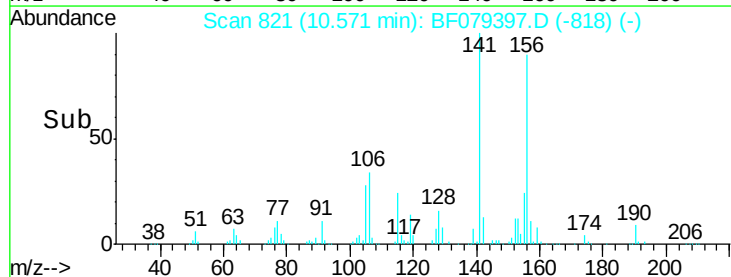
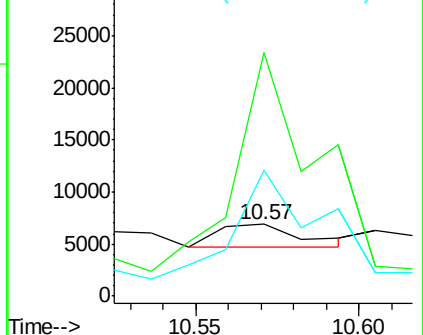
89 175.4 33.3 49.9#

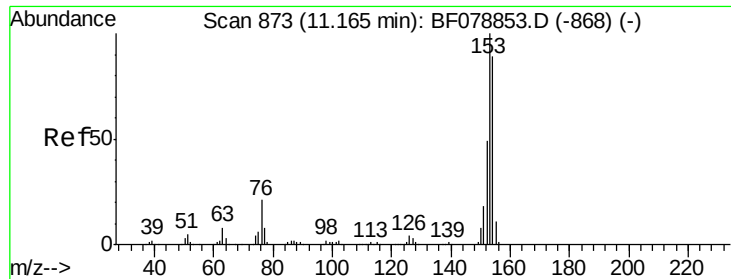


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 10.85 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampled :

TOPSOIL

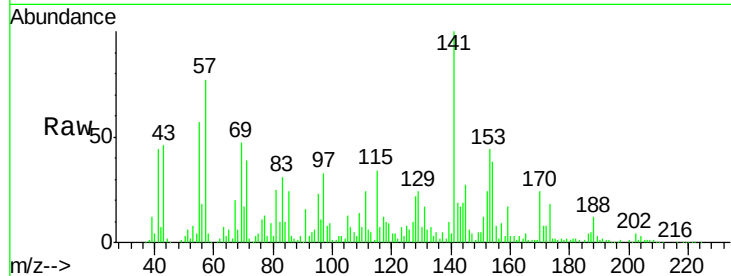
Tgt Ion:154 Resp: 78180

Ion Ratio Lower Upper

154 100

153 114.9 90.2 135.2

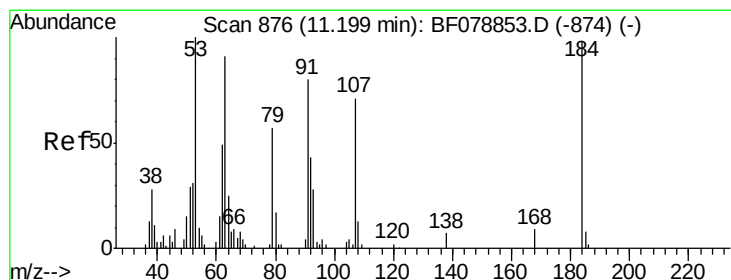
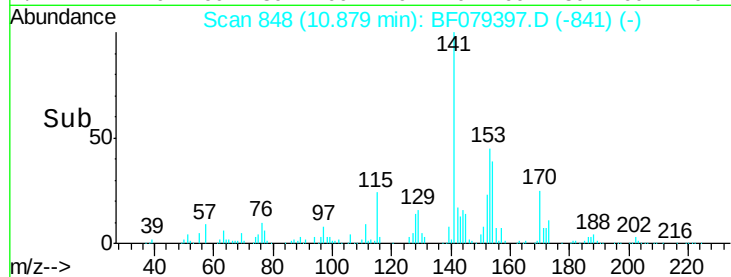
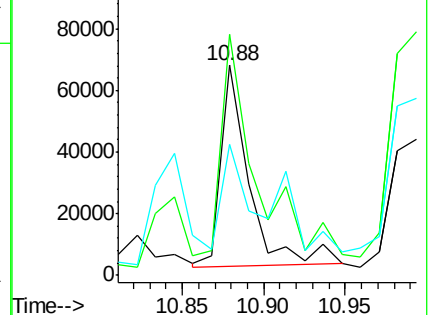
152 62.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 2.61 ng

RT: 10.95 min Scan# 854

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

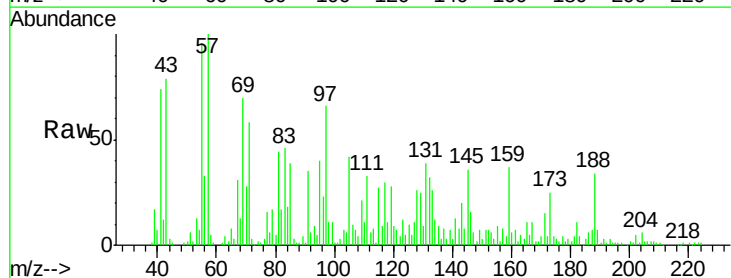
Tgt Ion:184 Resp: 854

Ion Ratio Lower Upper

184 100

63 753.1 98.8 148.2#

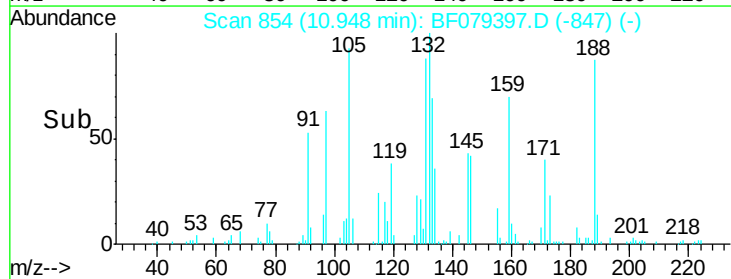
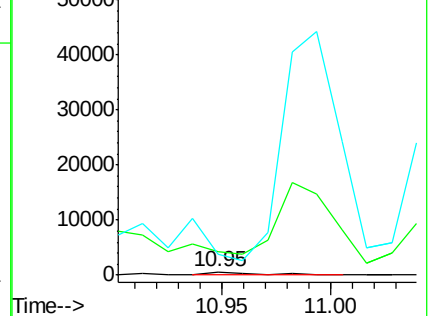
154 686.1 63.4 95.0#

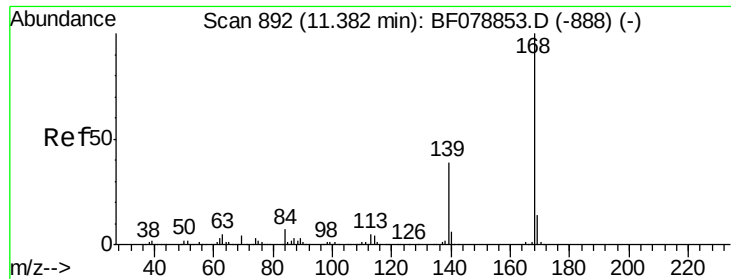


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

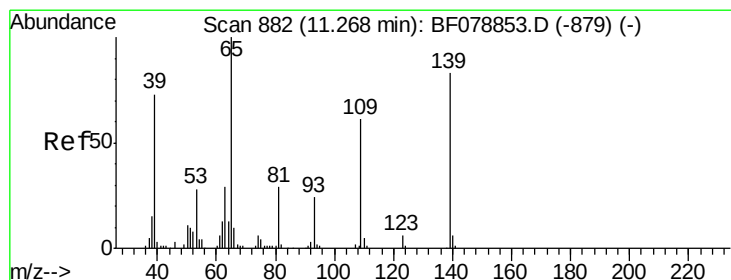
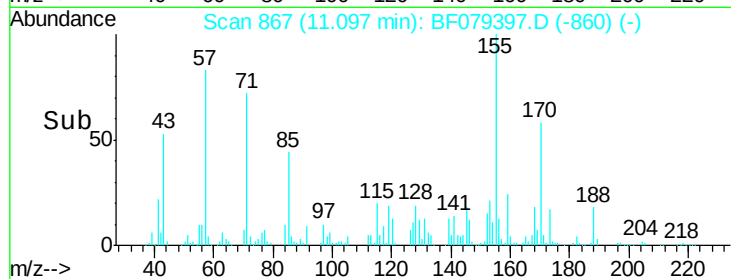
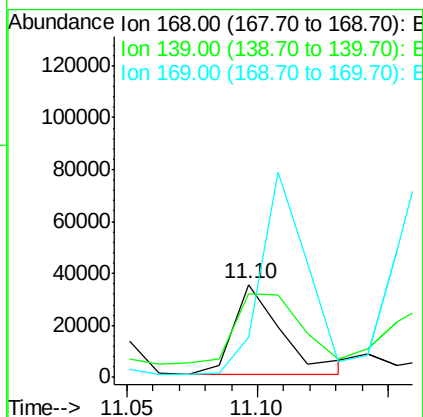
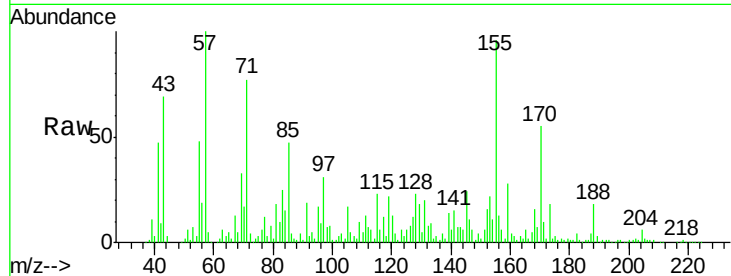




#54
Dibenzenofuran
Concen: 4.32 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.03 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

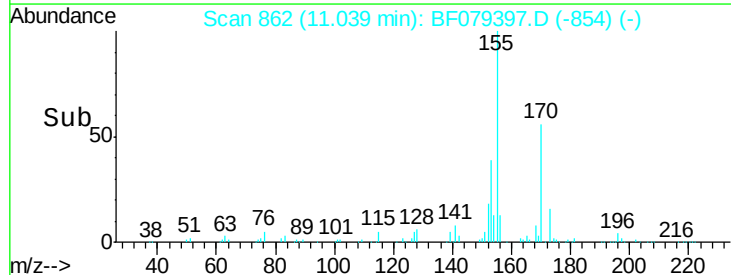
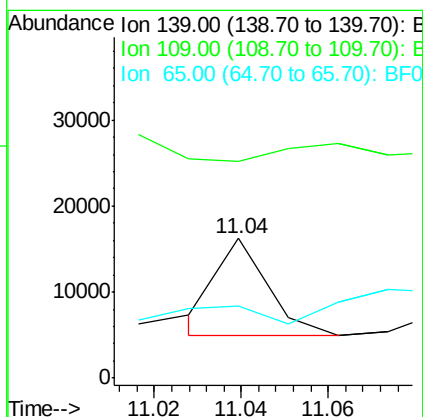
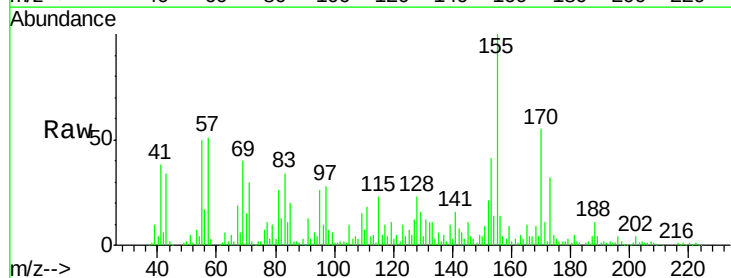
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

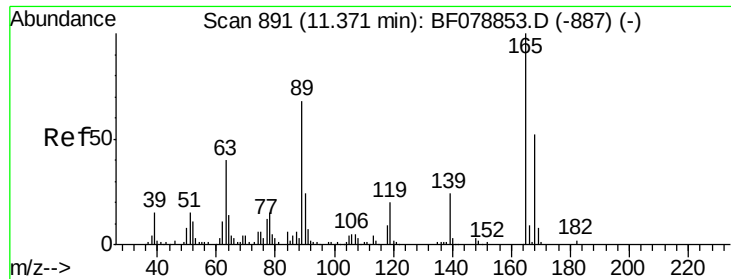
Tgt Ion:168 Resp: 44967
Ion Ratio Lower Upper
168 100
139 90.5 31.5 47.3#
169 42.8 11.0 16.4#



#55
4-Nitrophenol
Concen: 5.38 ng
RT: 11.04 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion:139 Resp: 9143
Ion Ratio Lower Upper
139 100
109 155.7 54.4 94.4#
65 51.9 101.0 141.0#

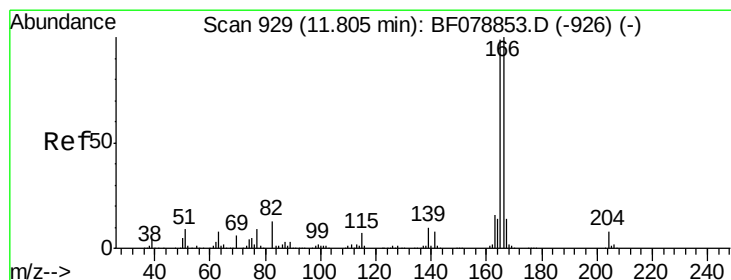
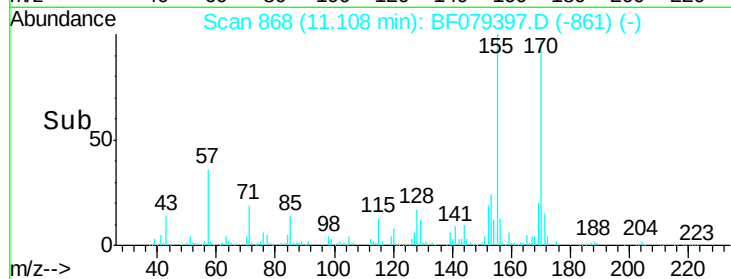
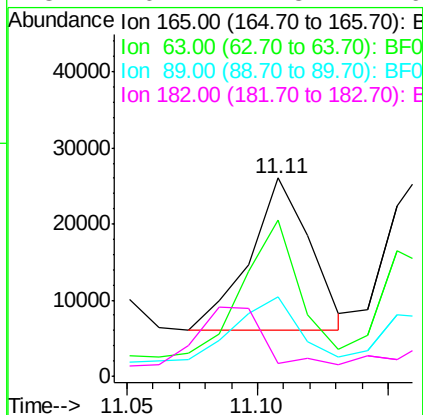
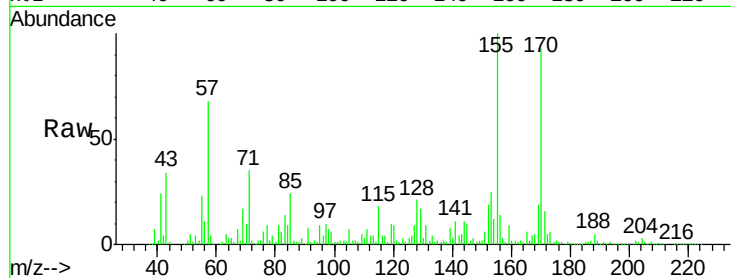




#56
2,4-Dinitrotoluene
Concen: 14.21 ng
RT: 11.11 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

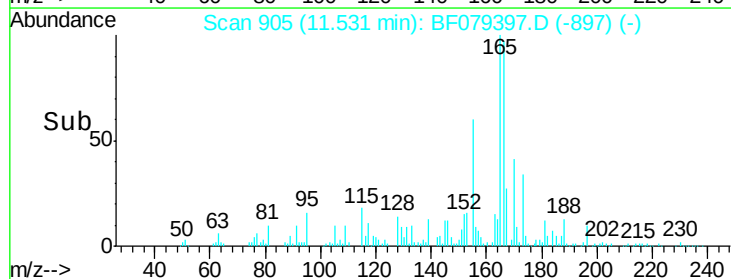
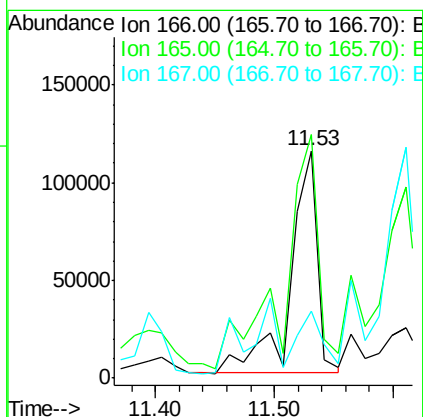
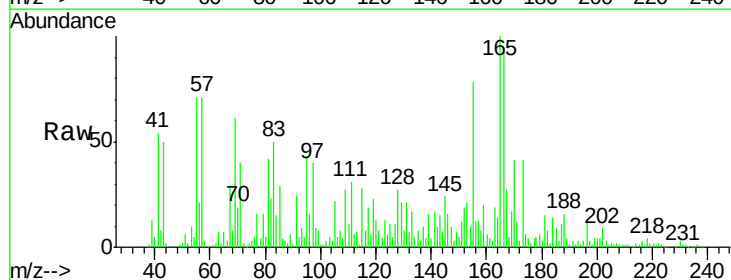
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

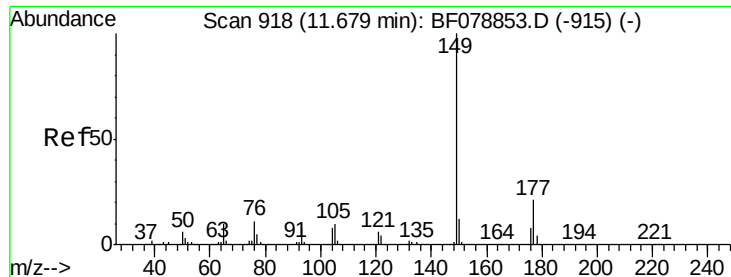
Tgt Ion:165 Resp: 32294
Ion Ratio Lower Upper
165 100
63 78.7 32.3 48.5#
89 39.8 54.6 81.8#
182 6.4 1.8 2.6#



#57
Fluorene
Concen: 20.81 ng
RT: 11.53 min Scan# 905
Delta R.T. -0.02 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion:166 Resp: 177840
Ion Ratio Lower Upper
166 100
165 107.2 79.5 119.3
167 29.4 11.0 16.6#

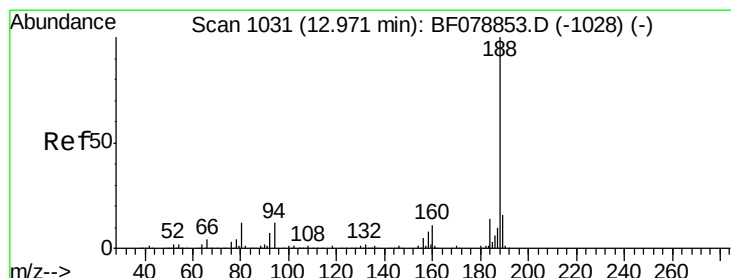
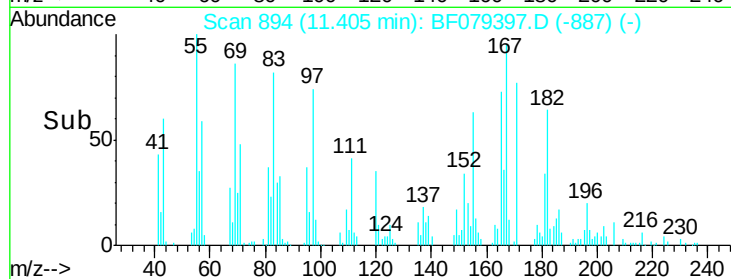
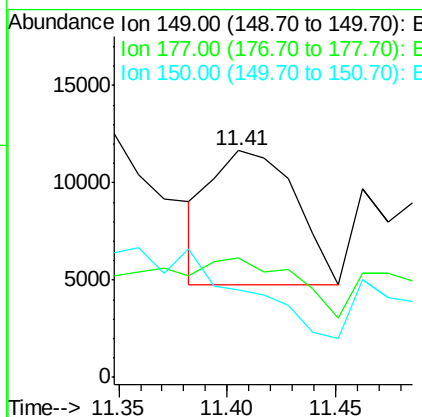
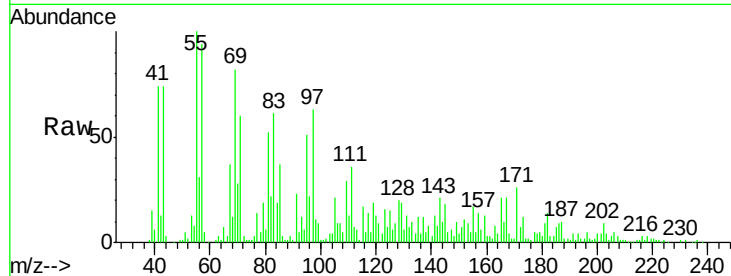




#59
Diethylphthalate
Concen: 2.14 ng
RT: 11.41 min Scan# 894
Delta R.T. -0.03 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

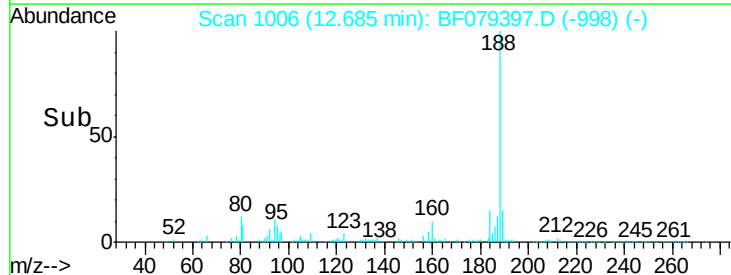
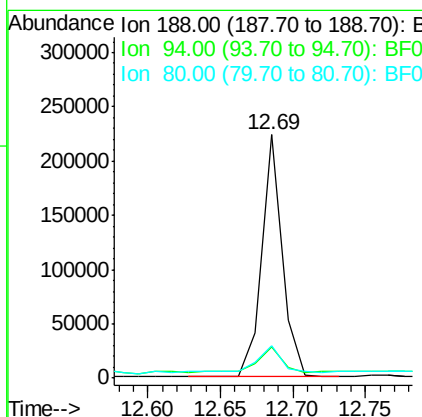
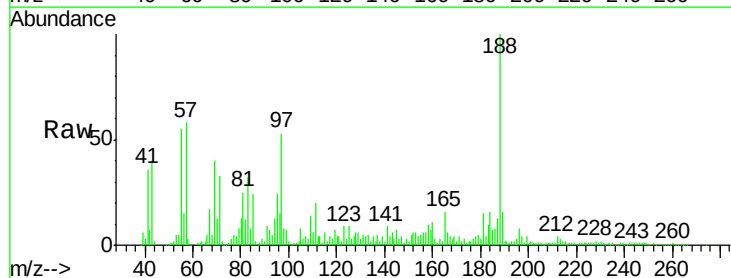
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

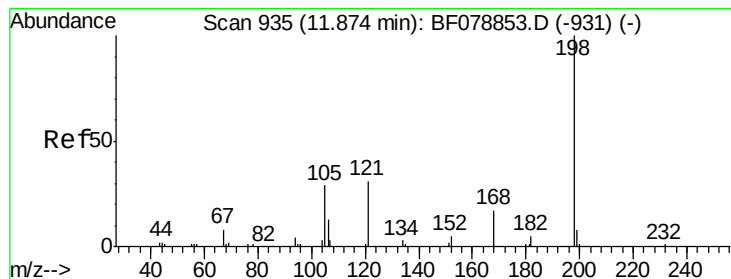
Tgt Ion:149 Resp: 18475
Ion Ratio Lower Upper
149 100
177 52.7 16.4 24.6#
150 38.5 9.8 14.6#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.69 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion:188 Resp: 218729
Ion Ratio Lower Upper
188 100
94 12.9 9.4 14.0
80 13.5 9.8 14.6





#64

4,6-Dinitro-2-methylphenol

Concen: 2.39 ng

RT: 11.63 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

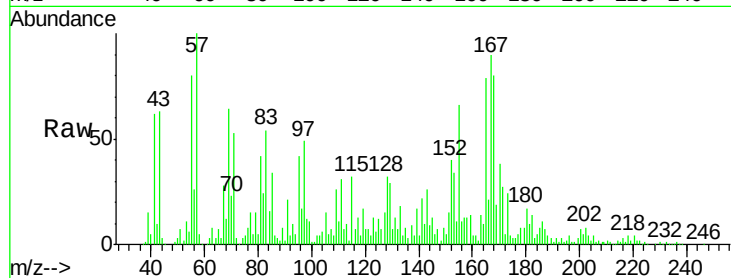
Tgt Ion:198 Resp: 987

Ion Ratio Lower Upper

198 100

51 967.9 7.0 47.0#

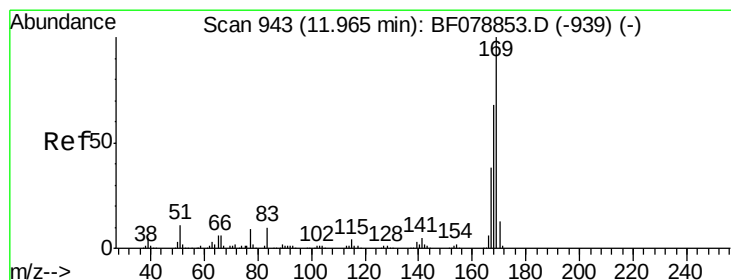
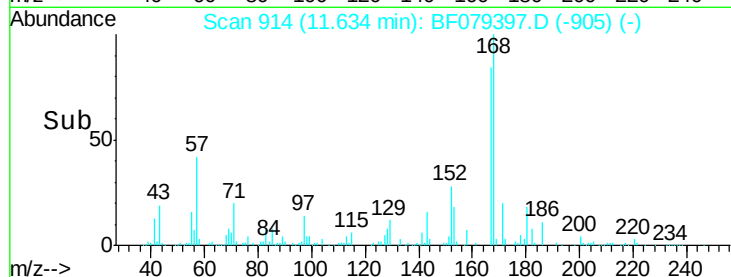
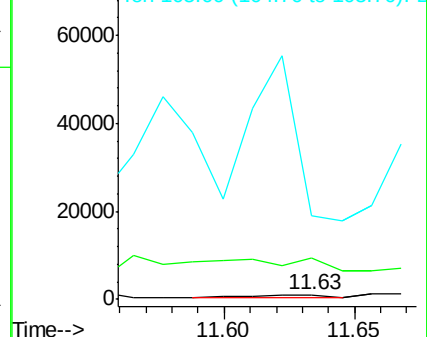
105 1982.1 13.7 53.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 32.64 ng

RT: 11.68 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

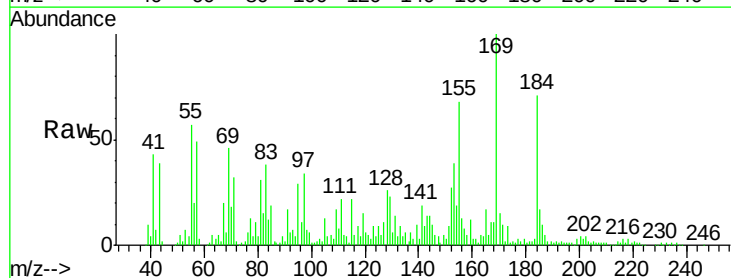
Tgt Ion:169 Resp: 237781

Ion Ratio Lower Upper

169 100

168 10.9 54.1 81.1#

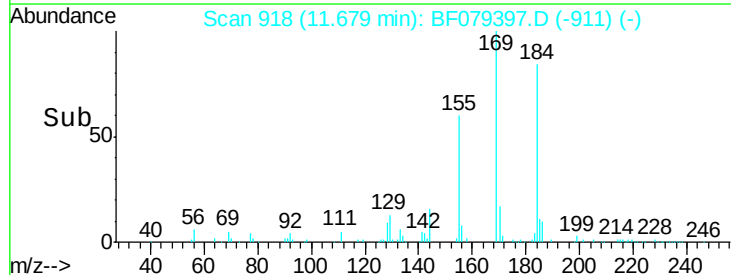
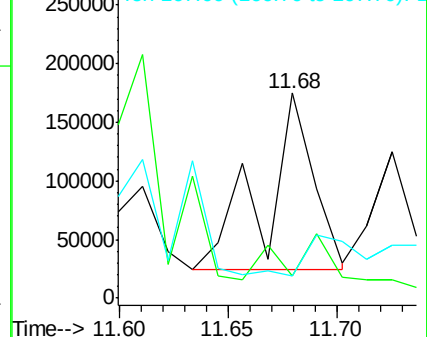
167 10.9 30.1 45.1#

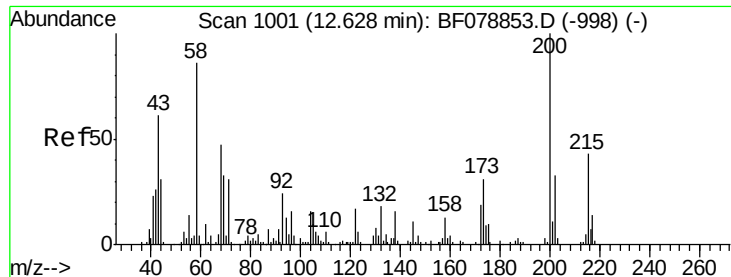


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

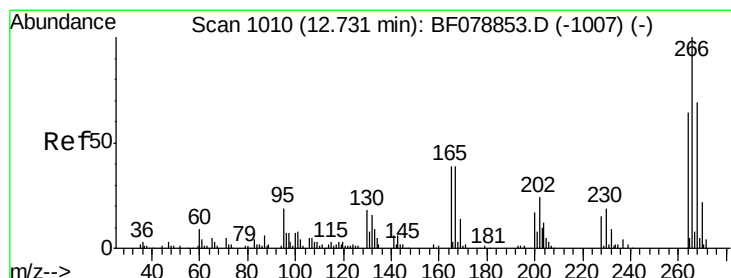
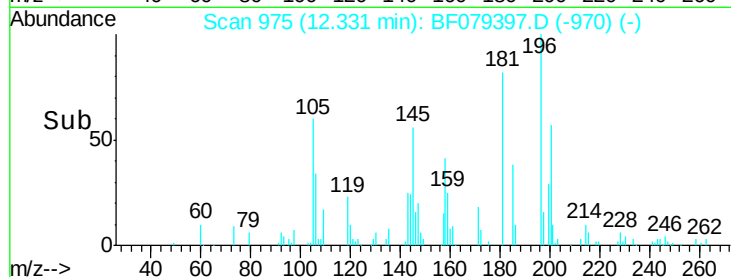
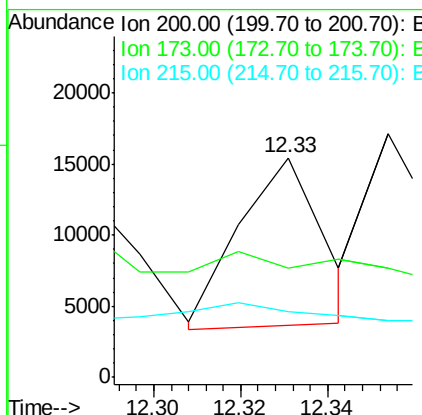
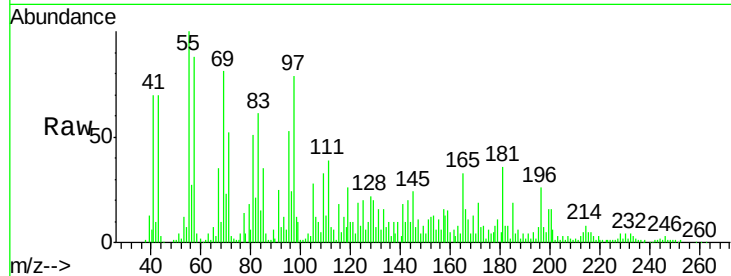




#68
Atrazine
Concen: 7.51 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

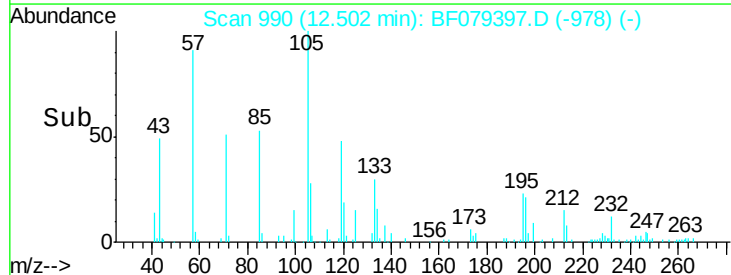
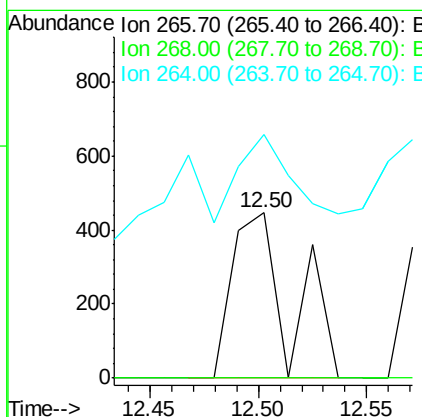
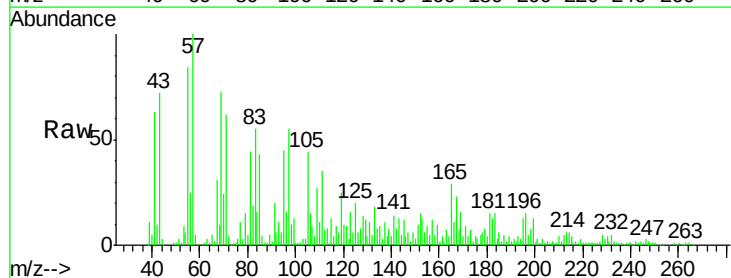
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

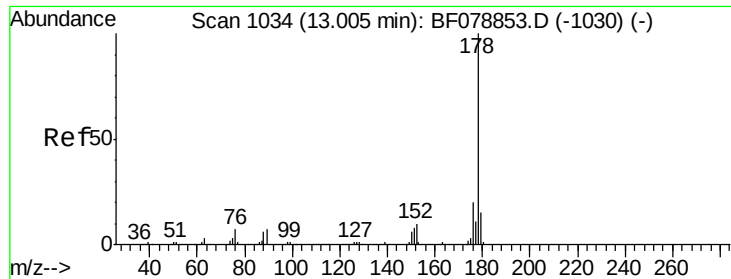
Tgt Ion:200 Resp: 15915
Ion Ratio Lower Upper
200 100
173 49.7 10.9 50.9
215 29.7 23.2 63.2



#69
Pentachlorophenol
Concen: 7.34 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion:266 Resp: 827
Ion Ratio Lower Upper
266 100
268 0.0 55.0 82.6#
264 147.5 50.9 76.3#





#70

Phenanthrene

Concen: 48.65 ng

RT: 12.72 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

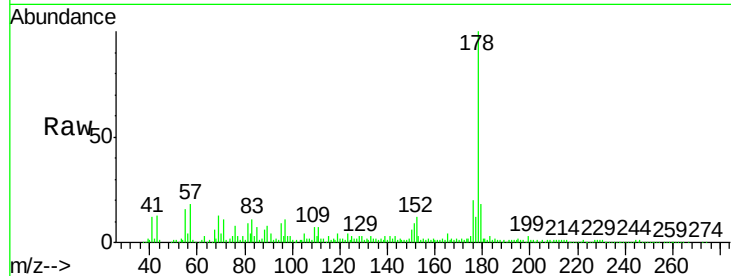
Tgt Ion:178 Resp: 595323

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

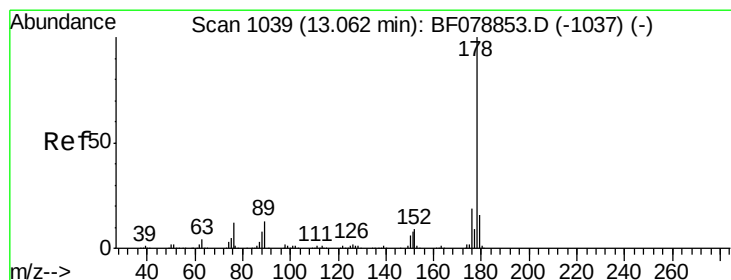
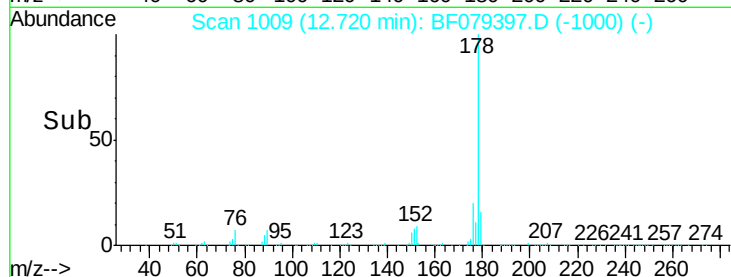
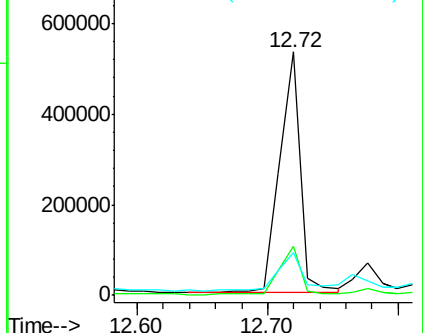
179 17.8 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 48.24 ng

RT: 12.72 min Scan# 1009

Delta R.T. -0.09 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

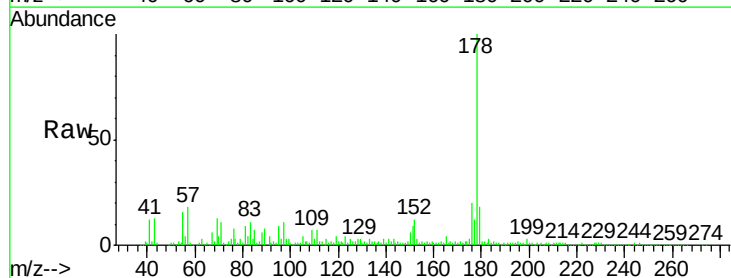
Tgt Ion:178 Resp: 579058

Ion Ratio Lower Upper

178 100

176 20.0 15.3 22.9

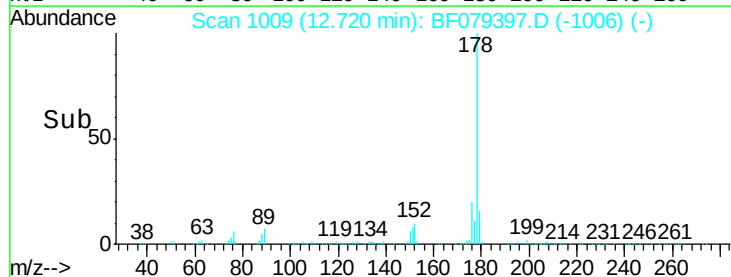
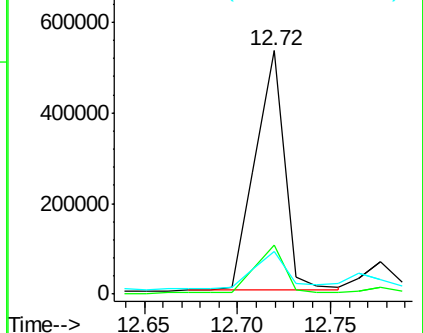
179 17.8 12.6 19.0

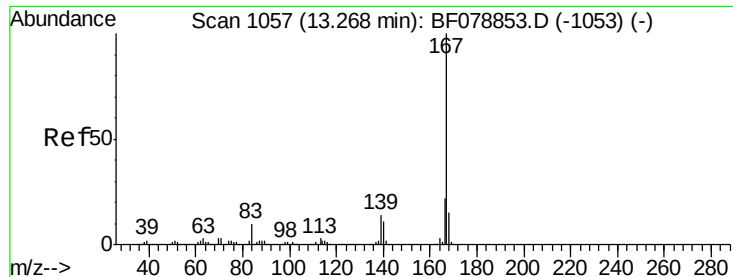


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 2.40 ng

RT: 12.98 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampled :

TOPSOIL

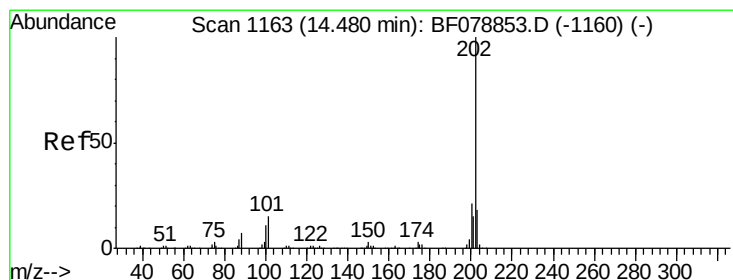
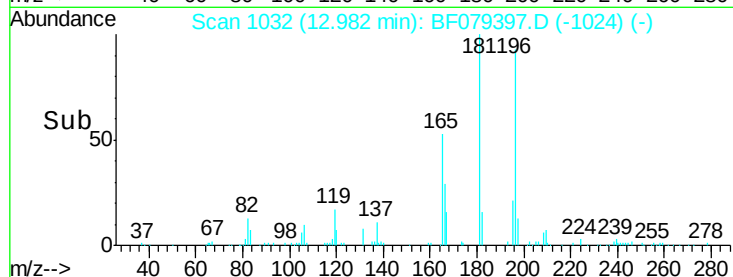
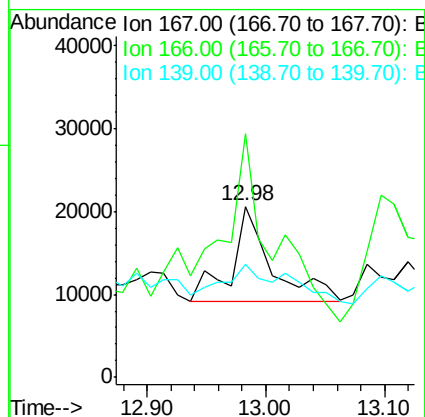
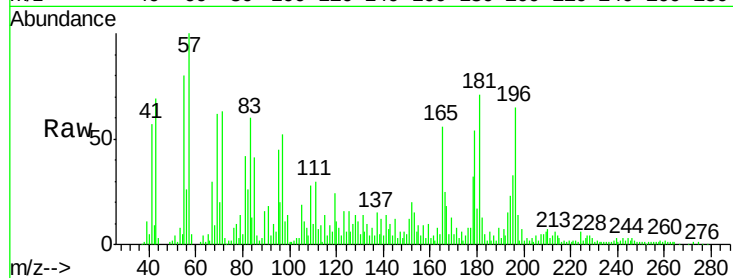
Tgt Ion:167 Resp: 27481

Ion Ratio Lower Upper

167 100

166 142.6 17.5 26.3#

139 66.2 11.0 16.4#



#74

Fluoranthene

Concen: 4.48 ng

RT: 14.19 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

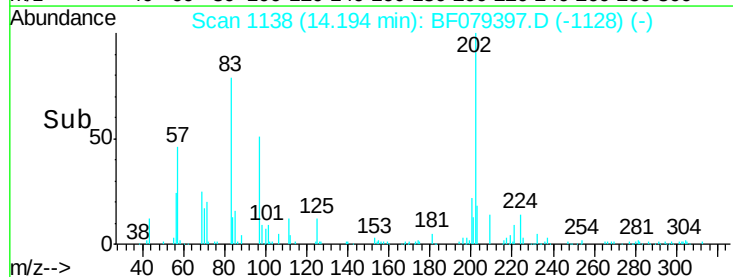
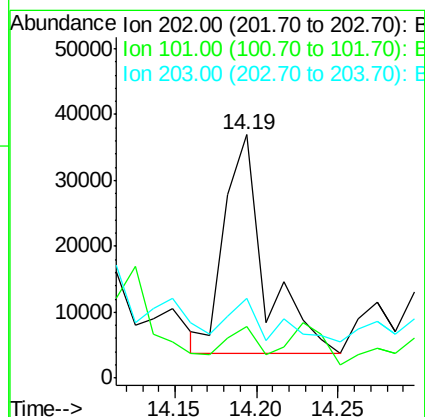
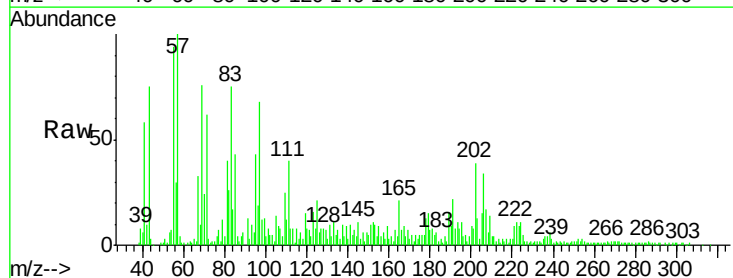
Tgt Ion:202 Resp: 57092

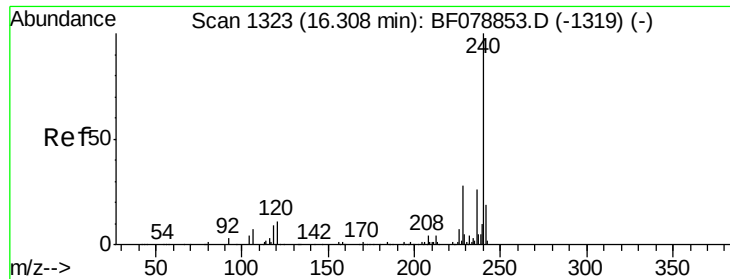
Ion Ratio Lower Upper

202 100

101 21.2 0.0 34.7

203 32.7 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.97 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampleId :

TOPSOIL

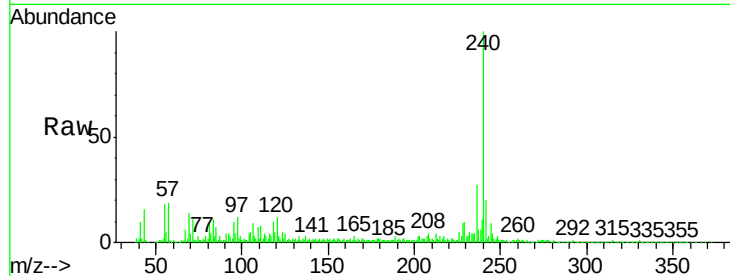
Tgt Ion:240 Resp: 247012

Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

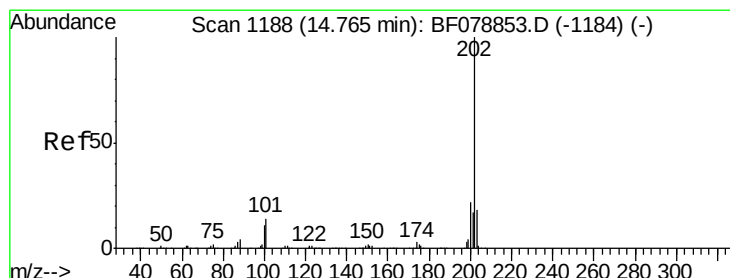
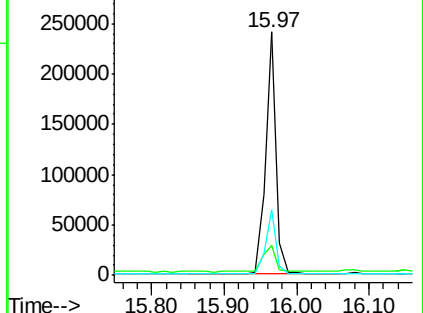
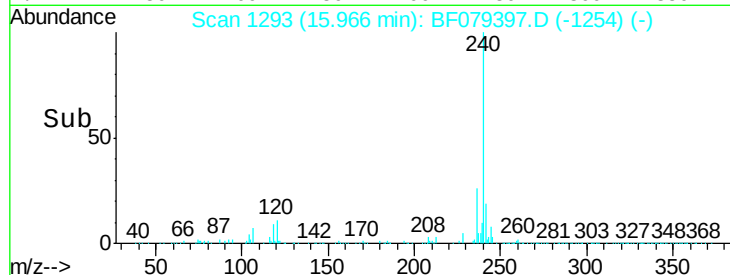
236 26.8 21.0 31.6



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: 16.72 ng

RT: 14.47 min Scan# 1162

Delta R.T. -0.03 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

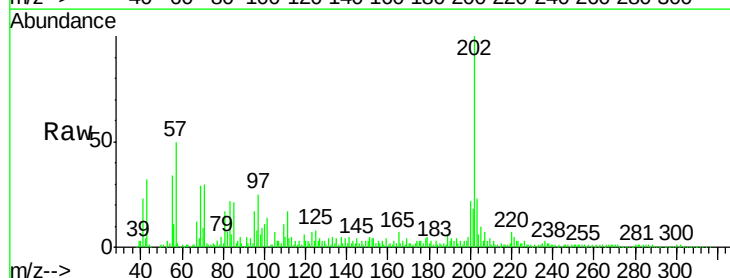
Tgt Ion:202 Resp: 238036

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

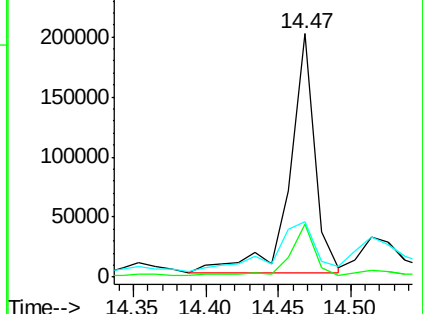
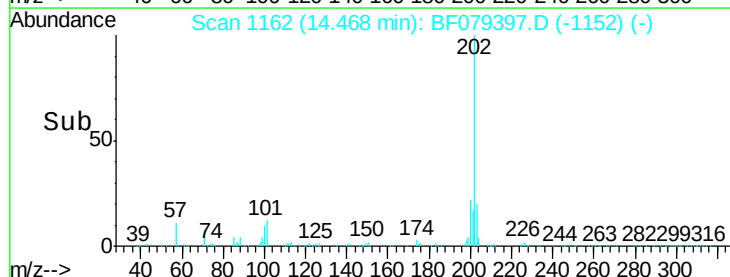
203 22.9 14.7 22.1#

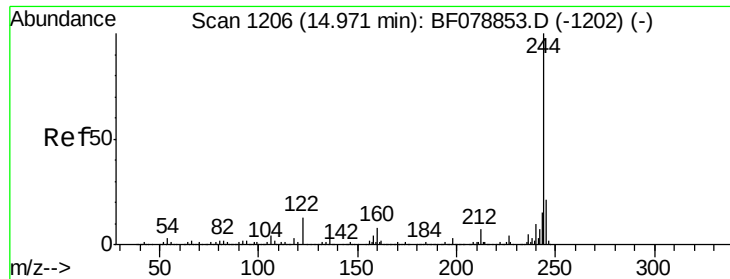


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.85 ng

RT: 14.67 min Scan# 1180

Delta R.T. -0.05 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

Instrument :

BNA_F

ClientSampled :

TOPSOIL

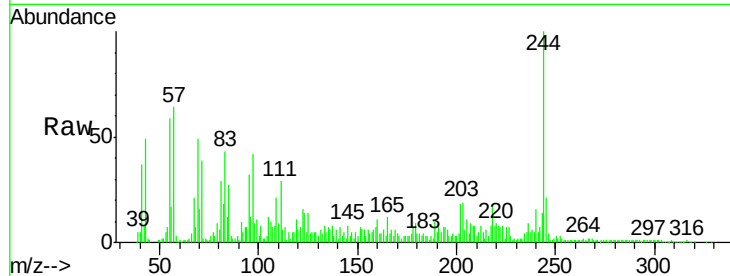
Tgt Ion:244 Resp: 122245

Ion Ratio Lower Upper

244 100

212 8.0 5.6 8.4

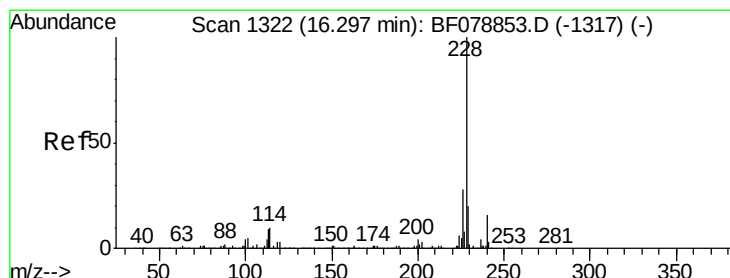
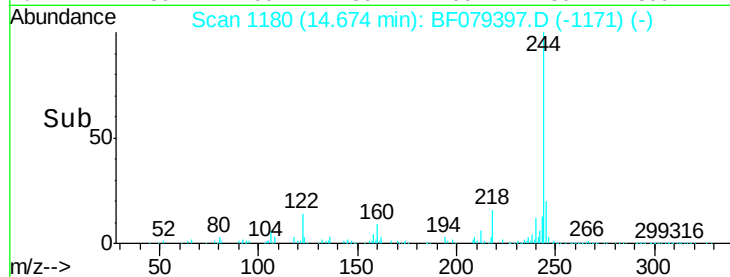
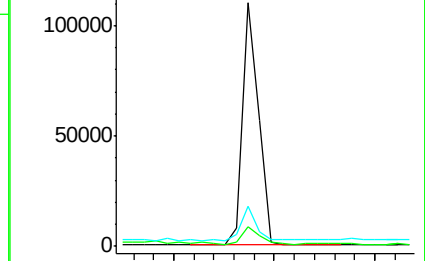
122 16.3 10.5 15.7#



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: 7.12 ng

RT: 15.95 min Scan# 1292

Delta R.T. -0.06 min

Lab File: BF079397.D

Acq: 21 May 2015 00:16

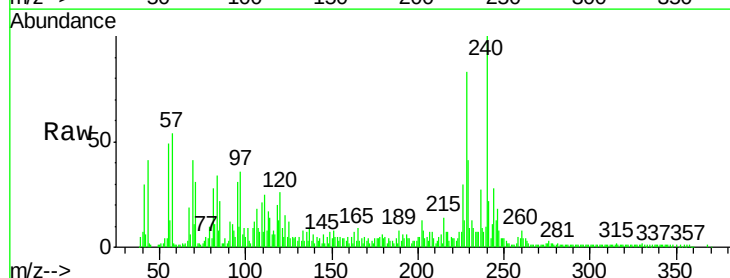
Tgt Ion:228 Resp: 96307

Ion Ratio Lower Upper

228 100

226 36.0 22.3 33.5#

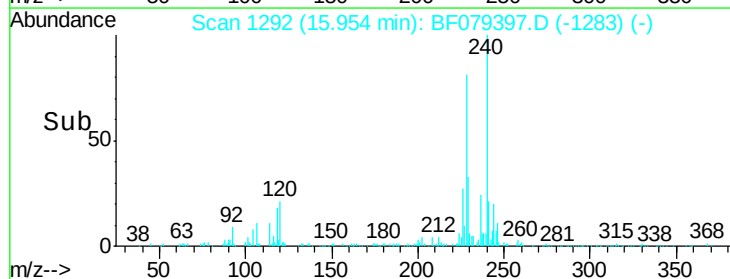
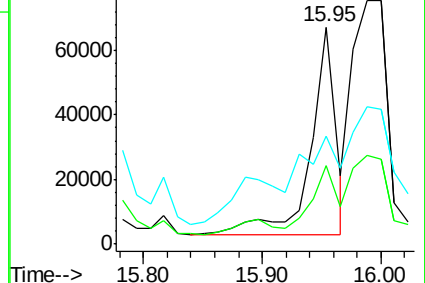
229 49.6 16.1 24.1#

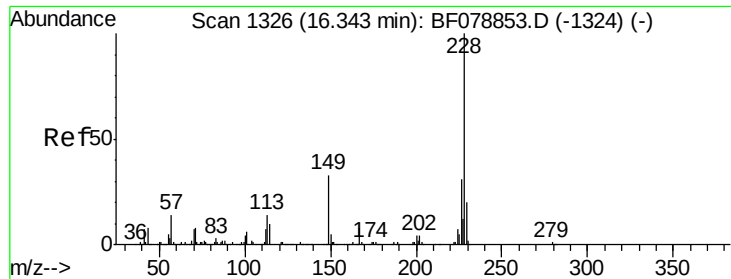


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

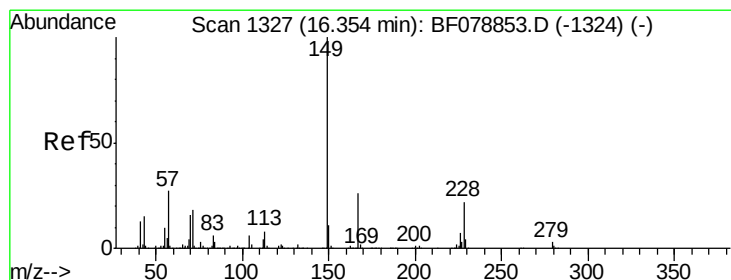
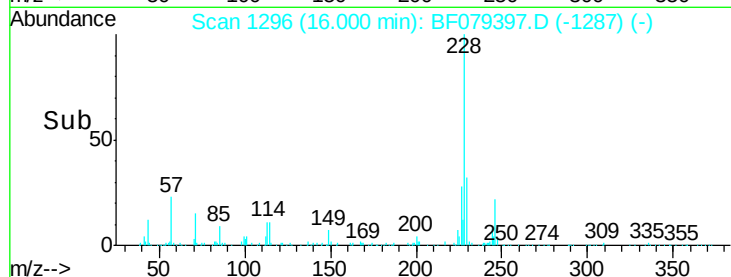
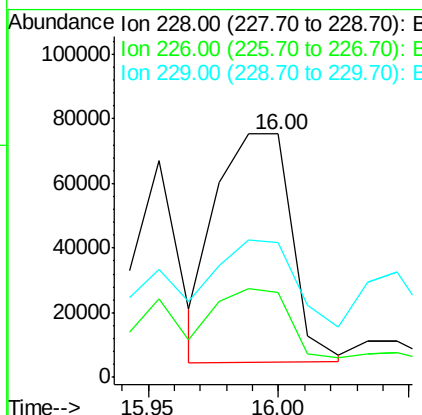
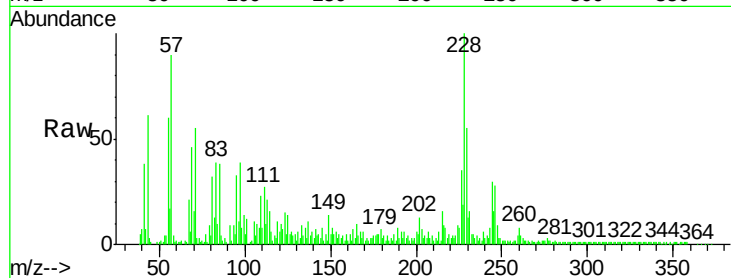




#82
Chrysene
 Concen: 10.90 ng
 RT: 16.00 min Scan# 1296
 Delta R.T. -0.06 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

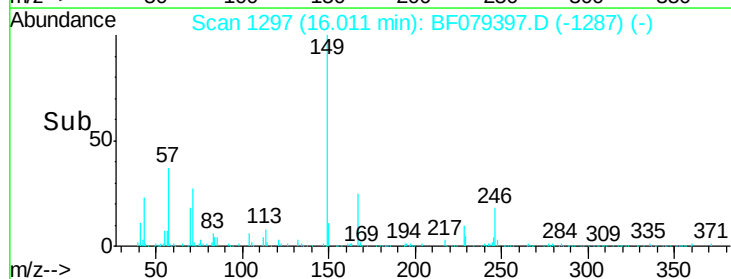
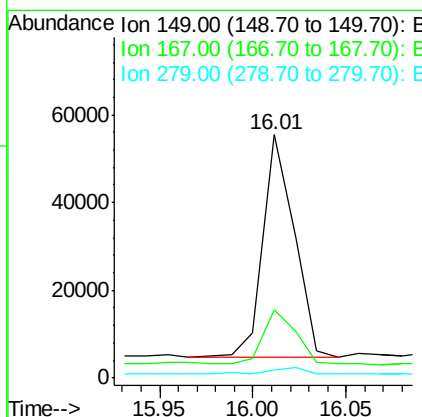
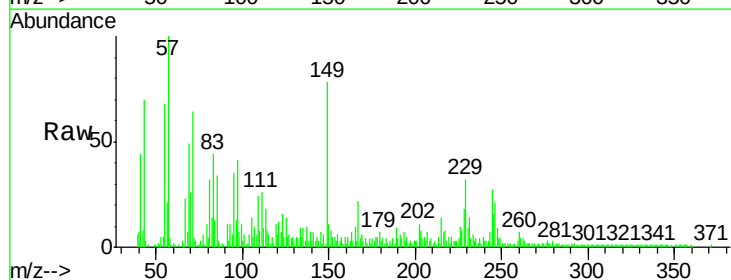
Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

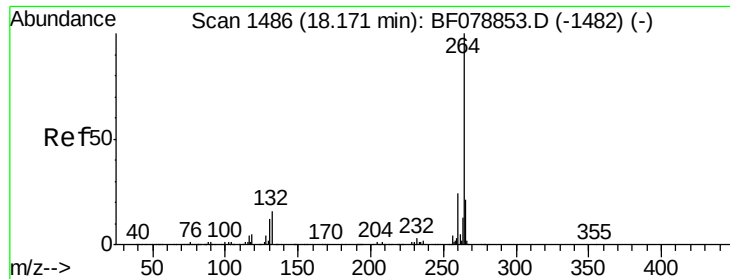
Tgt Ion: 228 Resp: 141841
 Ion Ratio Lower Upper
 228 100
 226 35.1 24.8 37.2
 229 55.2 16.1 24.1#



#83
Bis(2-ethylhexyl)phthalate
 Concen: 6.30 ng
 RT: 16.01 min Scan# 1297
 Delta R.T. -0.06 min
 Lab File: BF079397.D
 Acq: 21 May 2015 00:16

Tgt Ion: 149 Resp: 59349
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.2 31.8
 279 3.5 2.6 4.0

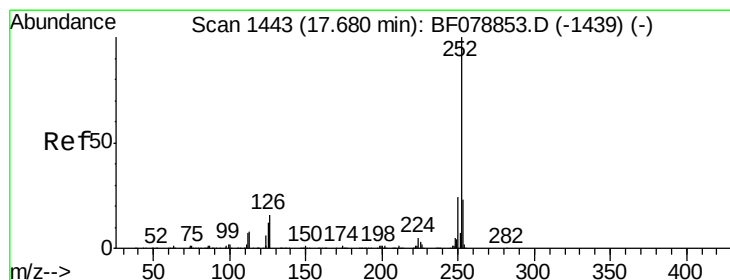
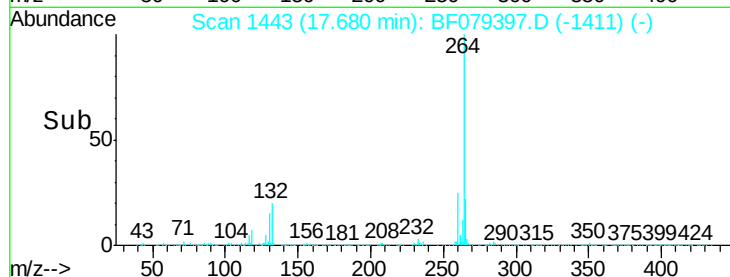
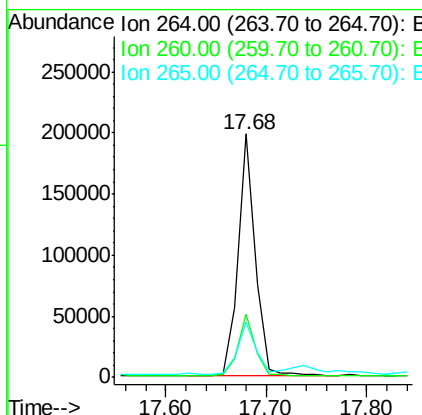
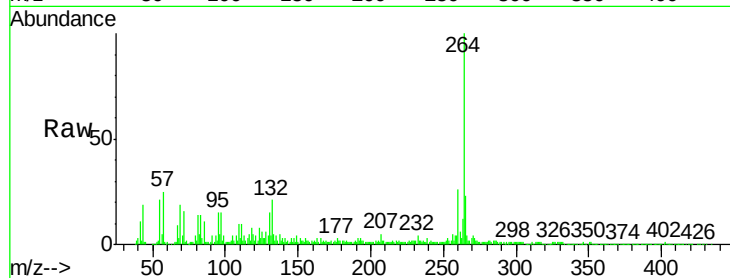




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1443
Delta R.T. -0.14 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

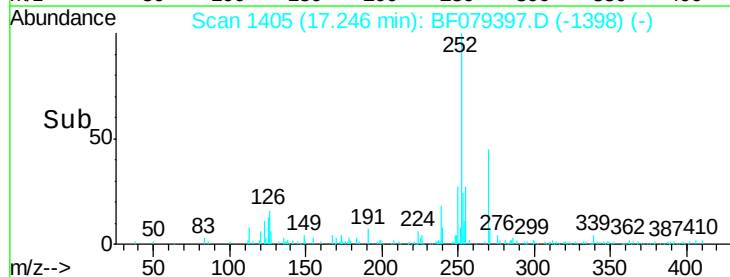
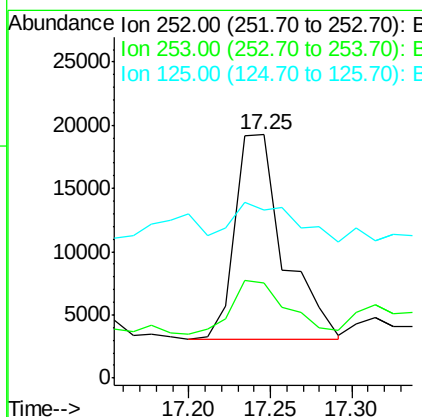
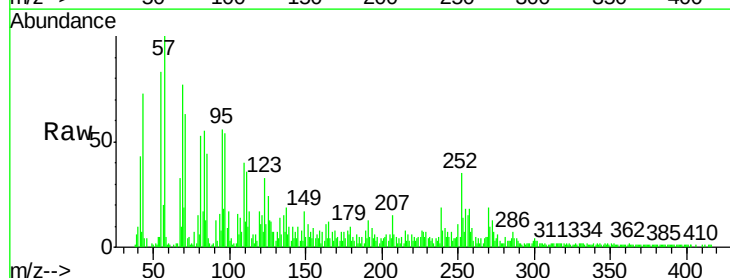
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

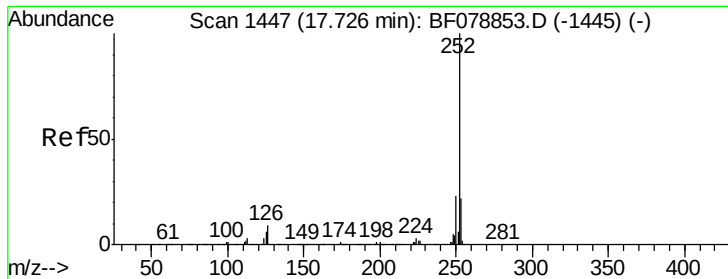
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	22.8	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 2.58 ng
RT: 17.25 min Scan# 1405
Delta R.T. -0.10 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.8	18.1	27.1#
125	69.2	9.4	14.2#

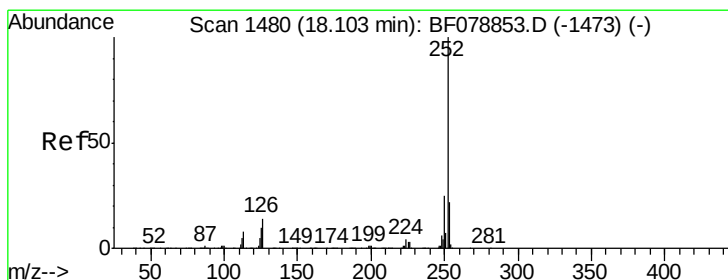
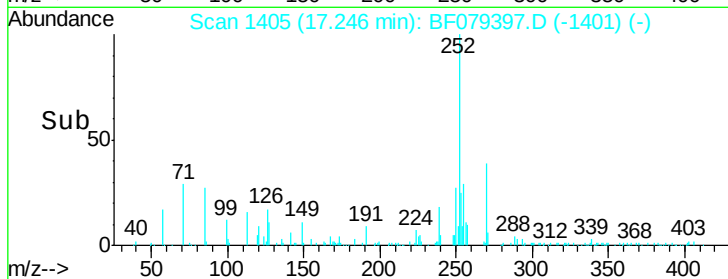
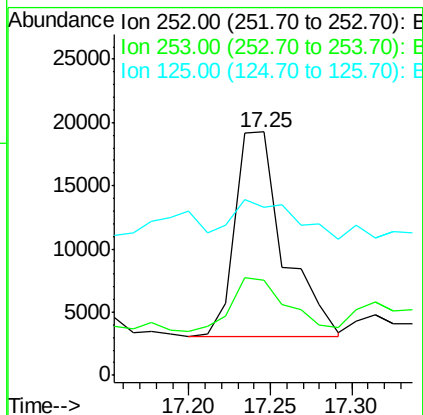
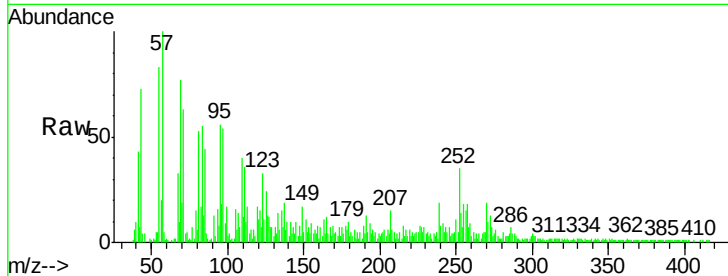




#88
Benzo(k)fluoranthene
Concen: 2.67 ng
RT: 17.25 min Scan# 1405
Delta R.T. -0.14 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Tgt Ion:252 Resp: 33190
Ion Ratio Lower Upper
252 100
253 38.8 17.4 26.0#
125 69.2 6.1 9.1#



#89
Benzo(a)pyrene
Concen: 3.54 ng
RT: 17.61 min Scan# 1437
Delta R.T. -0.14 min
Lab File: BF079397.D
Acq: 21 May 2015 00:16

Tgt Ion:252 Resp: 41890
Ion Ratio Lower Upper
252 100
253 41.1 18.0 27.0#
125 49.1 8.2 12.2#

