

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
 Data File : BF079391.D
 Acq On : 20 May 2015 21:23
 Operator : TP/IZ
 Sample : G2303-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7DEPTH

Quant Time: May 21 01:17:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 00:52:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.10	152	75496	20.00	ng	0.01
21) Naphthalene-d8	8.67	136	291295	20.00	ng	0.01
38) Acenaphthene-d10	10.85	164	129797	20.00	ng	0.01
63) Phenanthrene-d10	12.69	188	250626	20.00	ng	0.01
75) Chrysene-d12	15.99	240	298378	20.00	ng	0.01
86) Perylene-d12	17.82	264	300918	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	427469	97.47	ng	0.00
7) Phenol-d6	6.67	99	584077	100.75	ng	0.01
23) Nitrobenzene-d5	7.78	82	304411	60.06	ng	0.00
41) 2,4,6-Tribromophenol	11.83	330	140207	99.85	ng	0.01
44) 2-Fluorobiphenyl	10.02	172	560239	60.13	ng	0.01
78) Terphenyl-d14	14.69	244	606575	48.67	ng	0.01

Target Compounds						Qvalue
18) Hexachloroethane	7.68	117	9765	4.93	ng	# 1
19) n-Nitroso-di-n-propylamine	7.60	70	33604	8.58	ng	# 78
22) Acetophenone	7.59	105	102939	15.64	ng	# 44
25) Isophorone	8.08	82	35659	3.79	ng	# 1
31) Naphthalene	8.70	128	152457	10.98	ng	# 81
32) Benzoic acid	8.42	122	6605	8.51	ng	# 4
35) Caprolactam	9.23	113	48227	40.31	ng	# 1
37) 2-Methylnaphthalene	9.55	142	410136	42.64	ng	# 95
45) 1,1'-Biphenyl	10.14	154	98959	9.59	ng	# 95
47) 2-Nitroaniline	10.30	65	7094	3.04	ng	# 11
48) Acenaphthylene	10.67	152	55281	4.18	ng	# 34
49) Dimethylphthalate	10.52	163	72127	7.57	ng	# 94
51) Acenaphthene	10.88	154	87634	11.12	ng	# 88
53) 2,4-Dinitrophenol	10.95	184	956	2.69	ng	# 1
54) Dibenzofuran	11.10	168	40021	3.52	ng	# 1
55) 4-Nitrophenol	11.04	139	10761	5.79	ng	# 12
56) 2,4-Dinitrotoluene	11.12	165	36244	14.58	ng	# 64
57) Fluorene	11.53	166	188962	20.22	ng	# 86
59) Diethylphthalate	11.42	149	32595	3.45	ng	# 47
62) Azobenzene	11.75	77	21030	2.26	ng	# 7
64) 4,6-Dinitro-2-methylphenol	11.63	198	1932	3.56	ng	# 1
65) n-Nitrosodiphenylamine	11.68	169	347647	41.65	ng	# 44
68) Atrazine	12.33	200	19522	8.04	ng	# 69
69) Pentachlorophenol	12.46	266	206	6.95	ng	# 1
70) Phenanthrene	12.72	178	611535	43.62	ng	# 98
71) Anthracene	12.72	178	577759	42.00	ng	# 97
72) Carbazole	12.99	167	28588	2.18	ng	# 1
74) Fluoranthene	14.19	202	87461	5.99	ng	# 87
77) Pyrene	14.47	202	385291	22.41	ng	# 90
80) Benzo(a)anthracene	15.98	228	173206	10.60	ng	# 63
82) Chrysene	16.02	228	267491	17.02	ng	# 70
83) Bis(2-ethylhexyl)phthalate	16.05	149	68128	5.98	ng	# 94
87) Benzo(b)fluoranthene	17.34	252	70098	4.26	ng	# 43
88) Benzo(k)fluoranthene	17.34	252	70098	4.40	ng	# 42

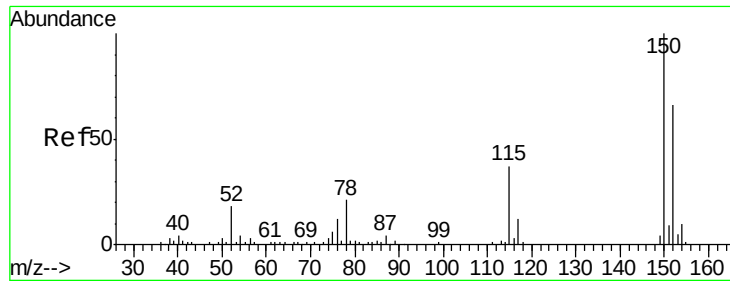
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052015\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 21 00:52:28 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	17.75	252	77088	5.08	ng	# 45
91) Benzo(g,h,i)perylene	19.60	276	45607	2.82	ng	# 65

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

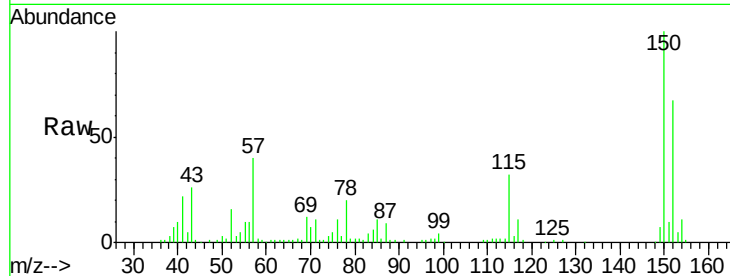


#1

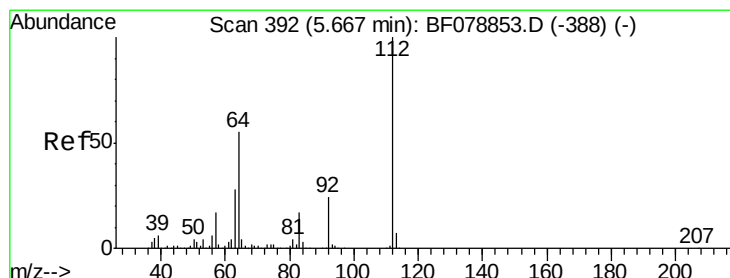
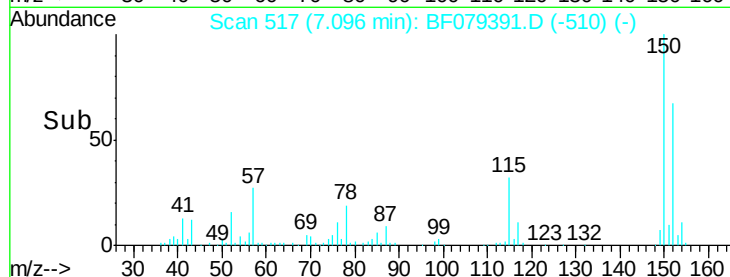
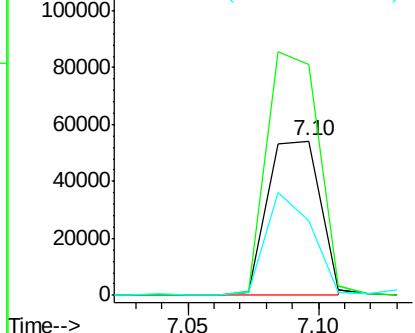
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.10 min Scan# 517
Delta R.T. 0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Instrument :
BNA_F
ClientSampleId :
7DEPTH

Tgt Ion:152 Resp: 75496
Ion Ratio Lower Upper
152 100
150 149.9 123.8 185.8
115 48.3 49.4 74.0#



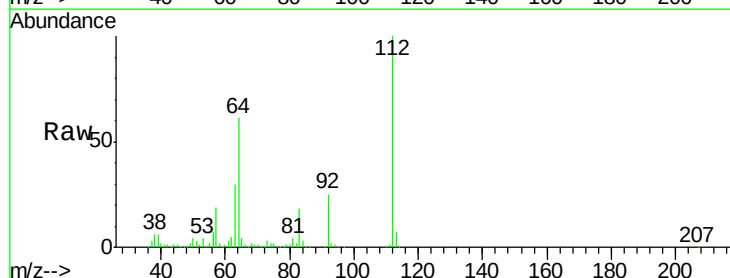
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



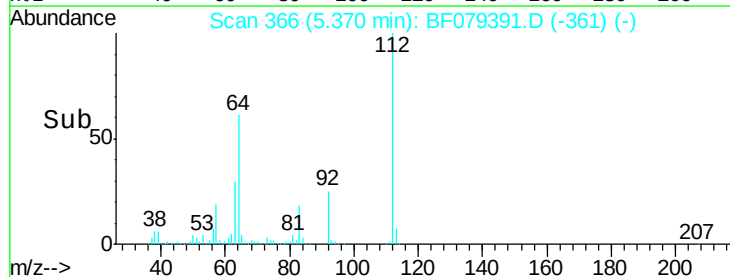
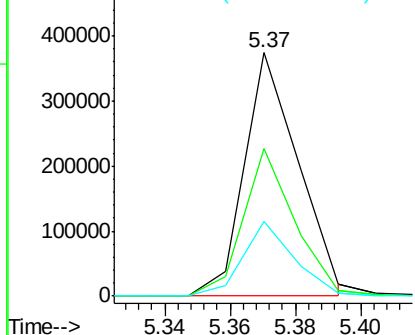
#5

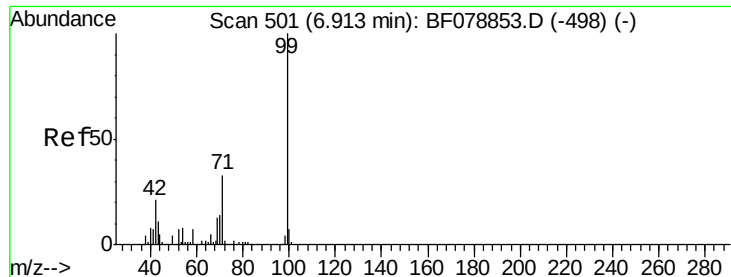
2-Fluorophenol
Concen: 97.47 ng
RT: 5.37 min Scan# 366
Delta R.T. -0.00 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Tgt Ion:112 Resp: 427469
Ion Ratio Lower Upper
112 100
64 60.5 44.2 66.2
63 30.5 22.7 34.1



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





#7

Phenol-d6

Concen: 100.75 ng

RT: 6.67 min Scan# 480

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

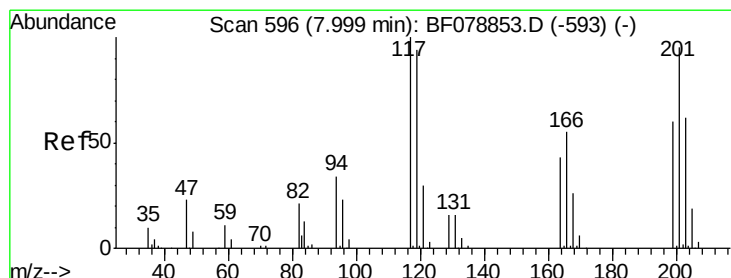
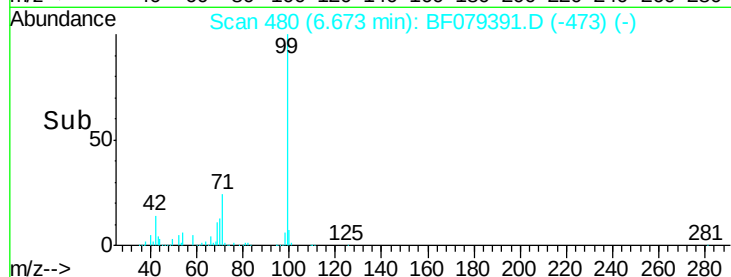
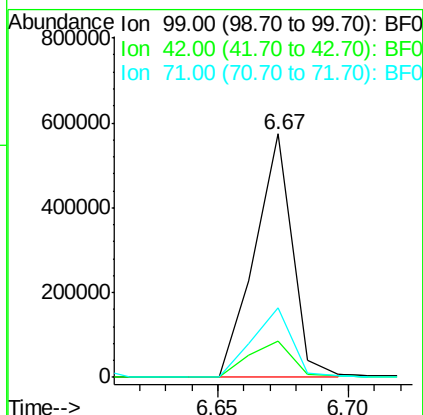
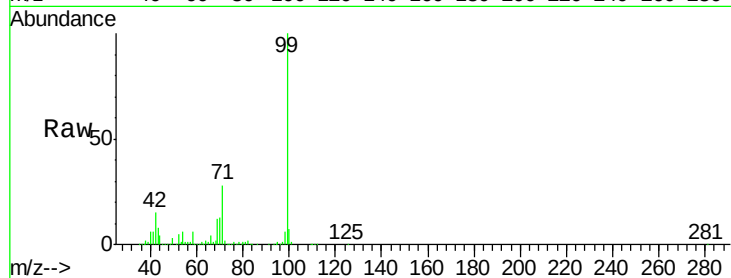
Tgt Ion: 99 Resp: 584077

Ion Ratio Lower Upper

99 100

42 15.0 17.1 25.7#

71 28.3 26.3 39.5



#18

Hexachloroethane

Concen: 4.93 ng

RT: 7.68 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

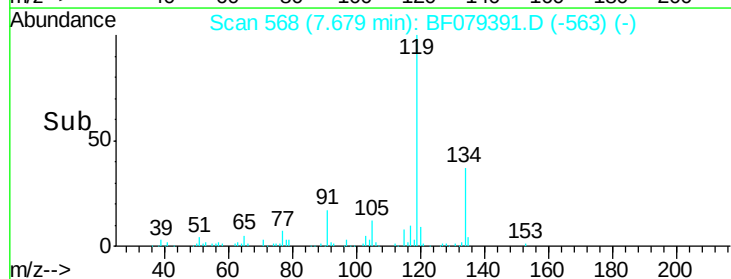
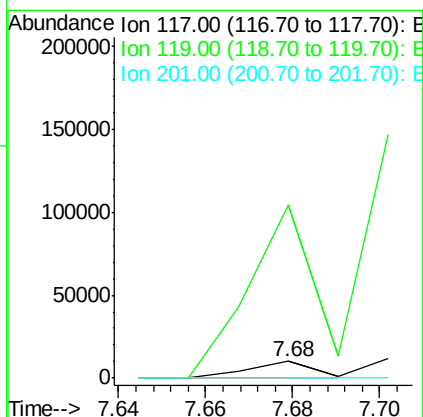
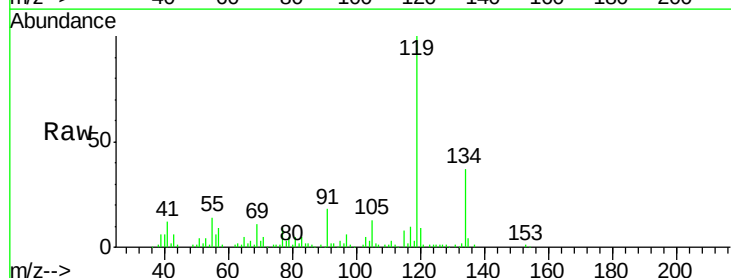
Tgt Ion: 117 Resp: 9765

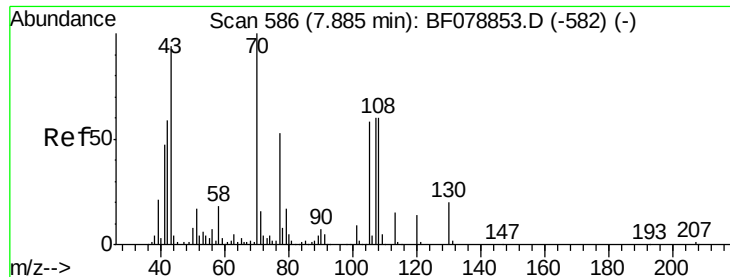
Ion Ratio Lower Upper

117 100

119 1040.1 75.2 112.8#

201 0.0 75.8 113.8#

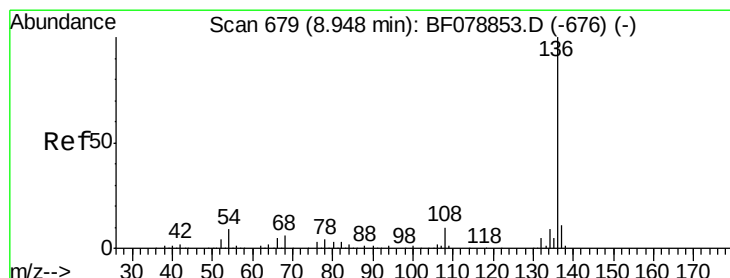
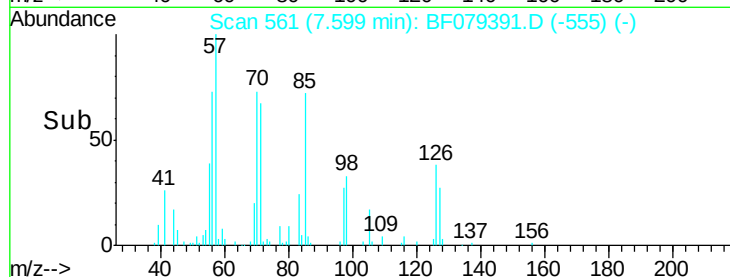
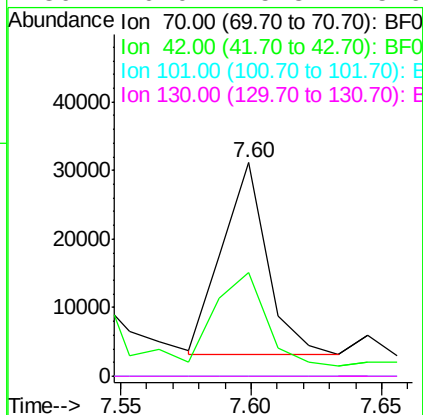
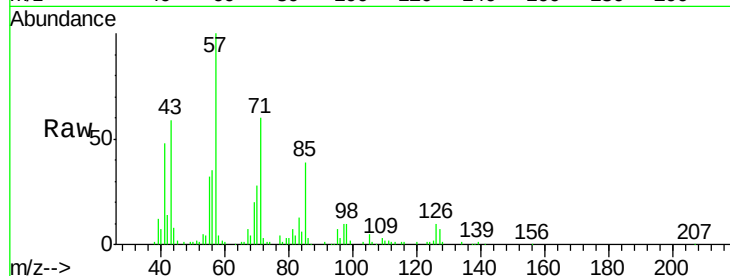




#19
n-Nitroso-di-n-propylamine
Concen: 8.58 ng
RT: 7.60 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

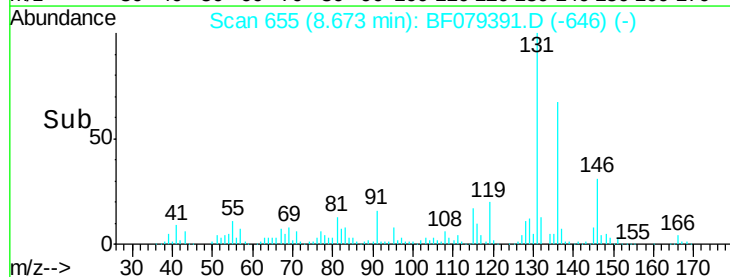
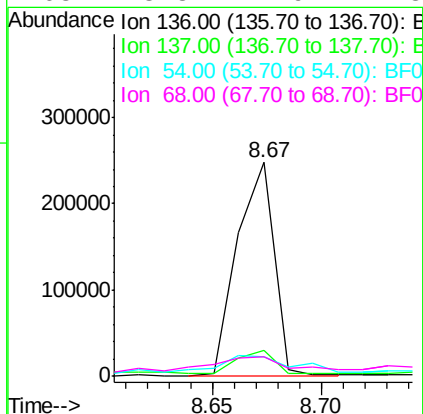
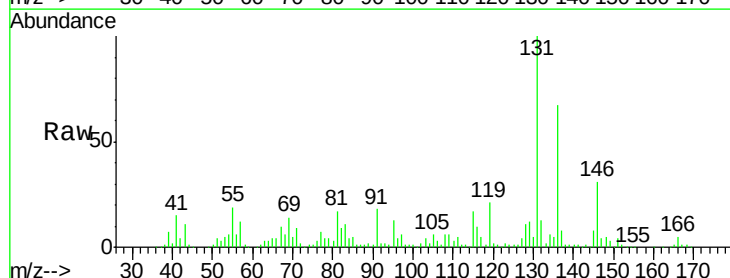
Instrument :
BNA_F
ClientSampleId :
7DEPTH

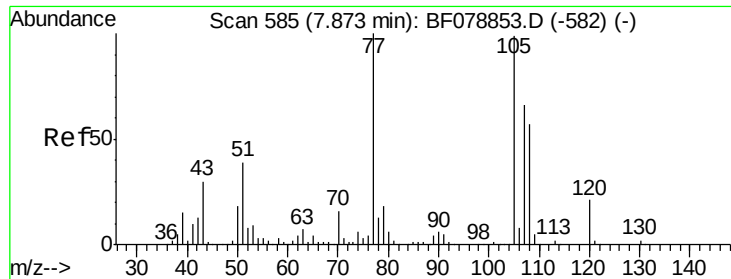
Tgt Ion: 70 Resp: 33604
Ion Ratio Lower Upper
70 100
42 48.7 47.3 70.9
101 0.0 7.5 11.3#
130 0.0 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Tgt Ion: 136 Resp: 291295
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 9.1 6.9 10.3
68 8.8 4.9 7.3#





#22

Acetophenone

Concen: 15.64 ng

RT: 7.59 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

Tgt Ion:105 Resp: 102939

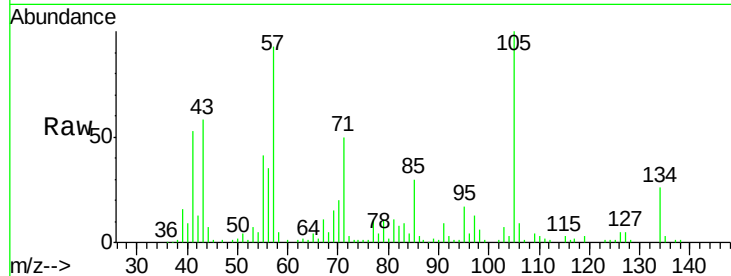
Ion Ratio Lower Upper

105 100

71 50.2 2.2 3.4#

51 4.5 31.1 46.7#

120 0.0 16.7 25.1#

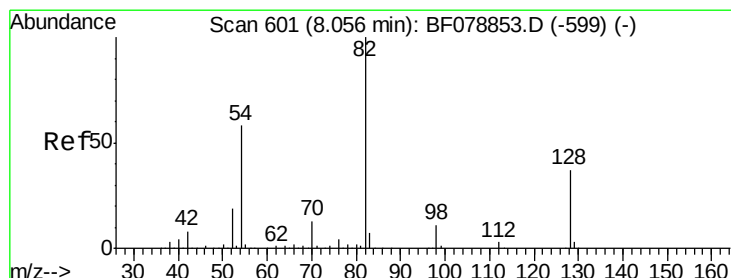
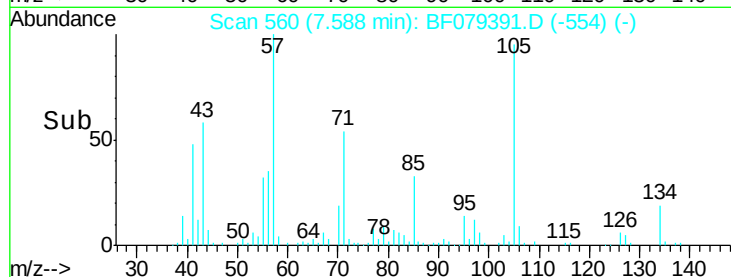
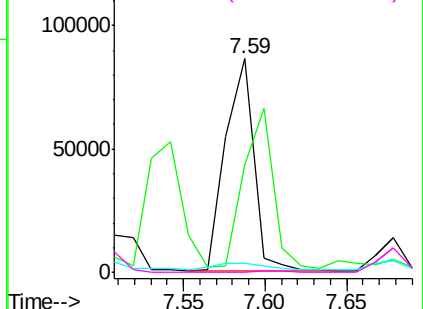


Abundance Ion 105.00 (104.70 to 105.70): E

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: 60.06 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

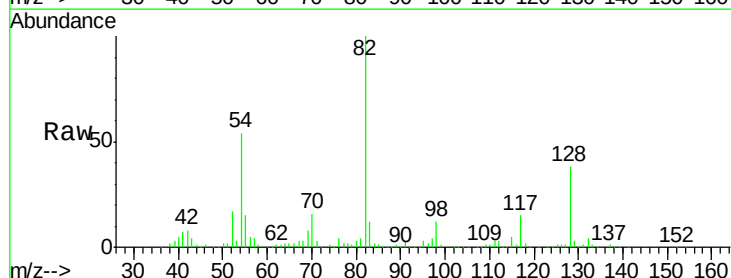
Tgt Ion: 82 Resp: 304411

Ion Ratio Lower Upper

82 100

128 38.3 29.7 44.5

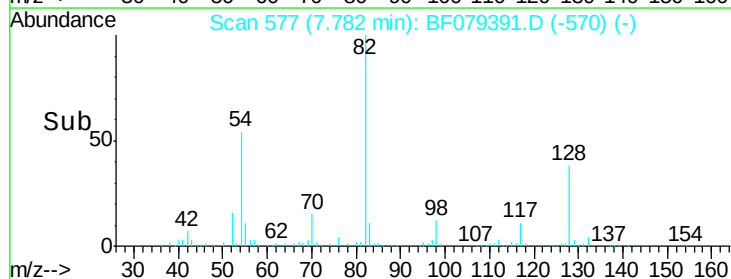
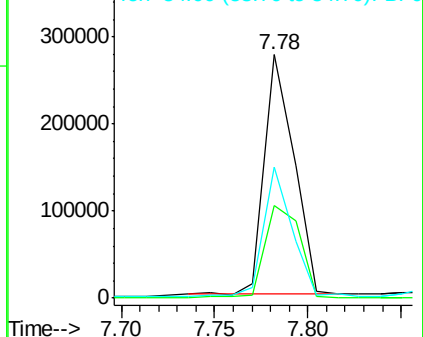
54 53.7 46.2 69.4

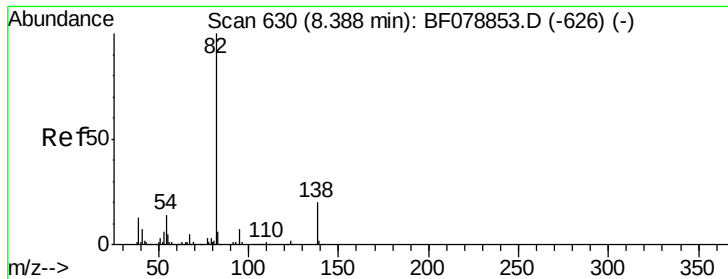


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 3.79 ng

RT: 8.08 min Scan# 603

Delta R.T. -0.03 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

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ClientSampleId :

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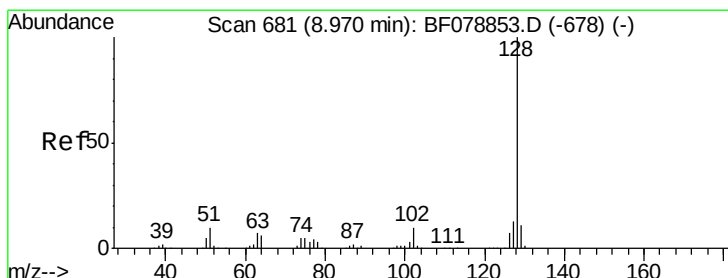
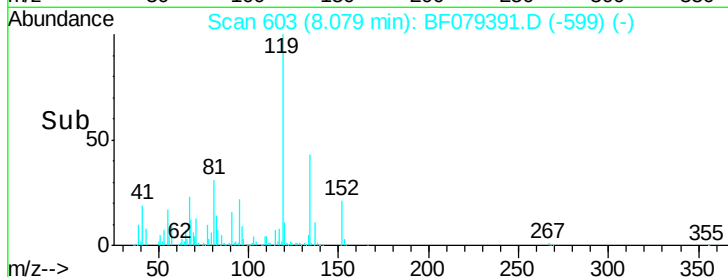
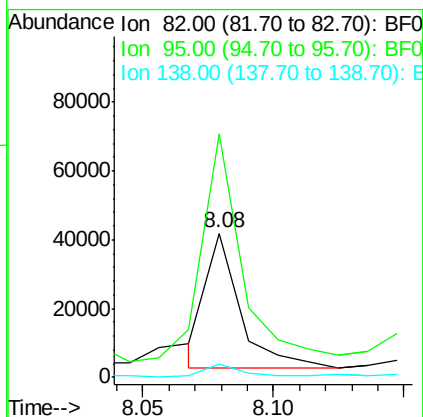
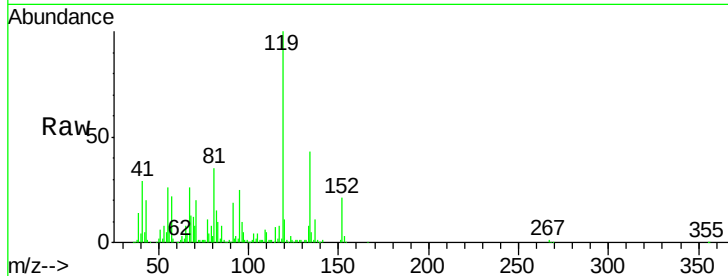
Tgt Ion: 82 Resp: 35659

Ion Ratio Lower Upper

82 100

95 168.7 5.4 8.2#

138 8.8 16.1 24.1#



#31

Naphthalene

Concen: 10.98 ng

RT: 8.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

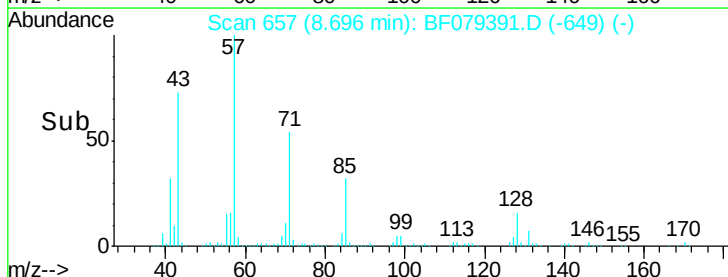
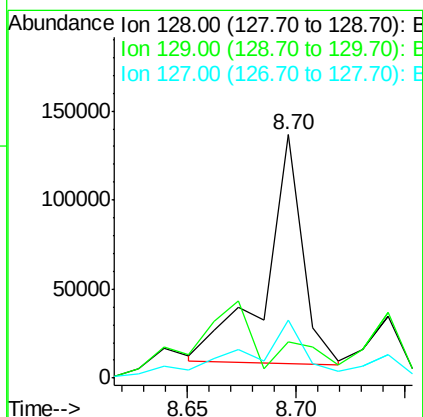
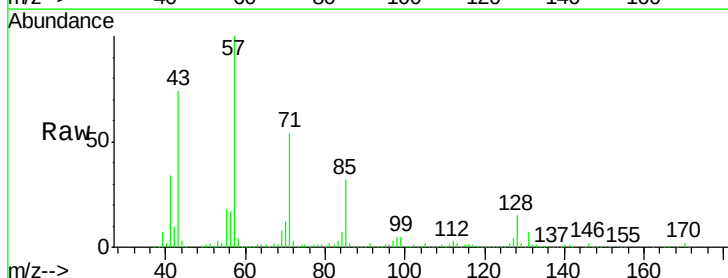
Tgt Ion: 128 Resp: 152457

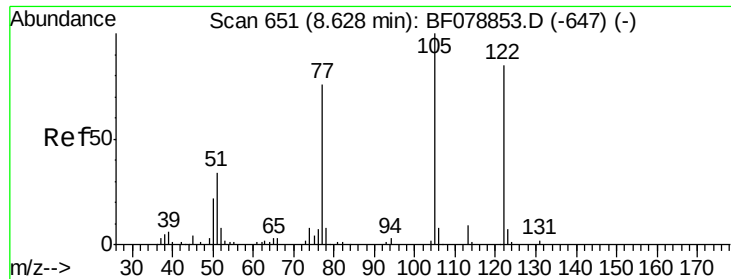
Ion Ratio Lower Upper

128 100

129 14.8 9.2 13.8#

127 24.0 10.3 15.5#





#32

Benzoic acid

Concen: 8.51 ng

RT: 8.42 min Scan# 633

Delta R.T. 0.03 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

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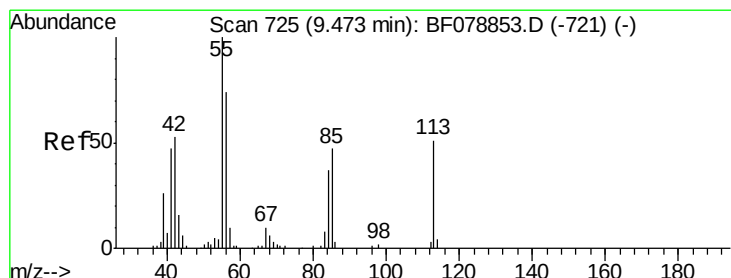
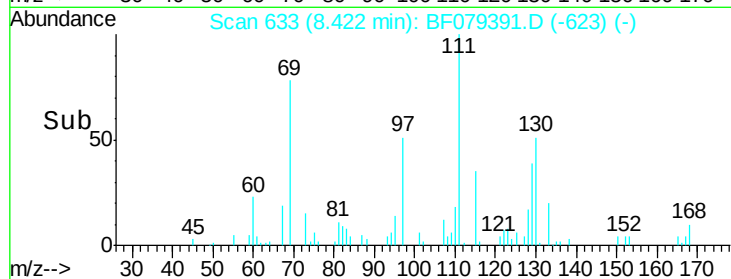
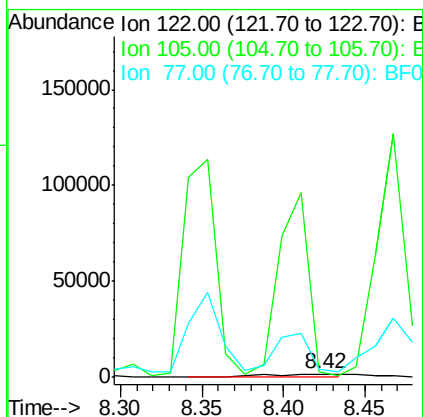
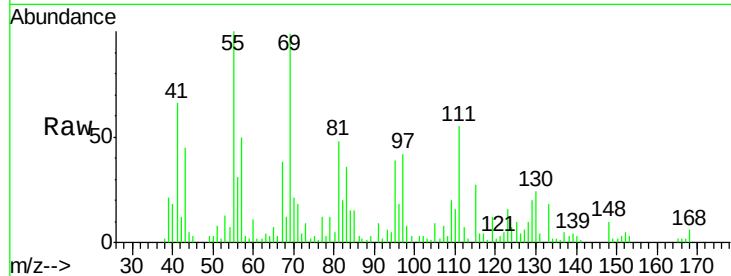
Tgt Ion:122 Resp: 6605

Ion Ratio Lower Upper

122 100

105 183.5 100.7 140.7#

77 233.6 72.0 112.0#



#35

Caprolactam

Concen: 40.31 ng

RT: 9.23 min Scan# 704

Delta R.T. 0.03 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

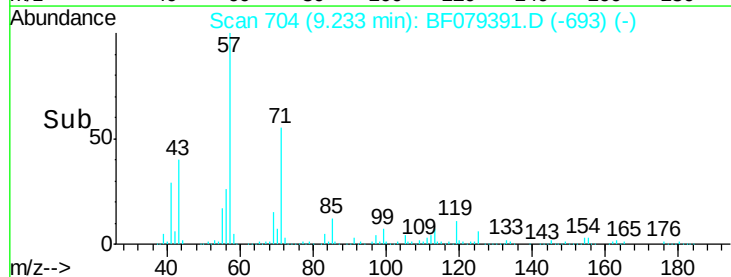
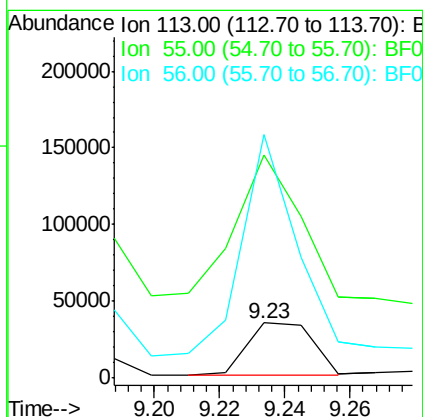
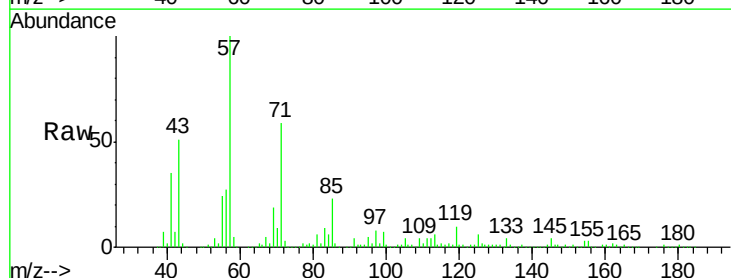
Tgt Ion:113 Resp: 48227

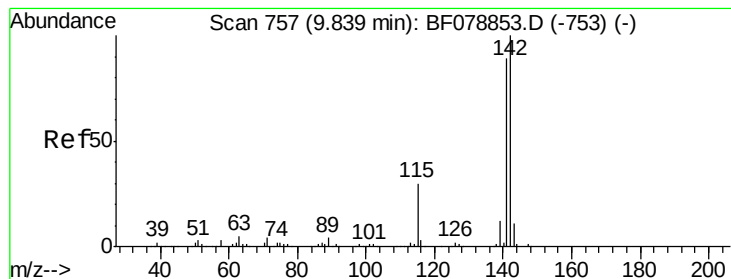
Ion Ratio Lower Upper

113 100

55 406.3 176.0 216.0#

56 443.4 123.8 163.8#





#37

2-Methylnaphthalene

Concen: 42.64 ng

RT: 9.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

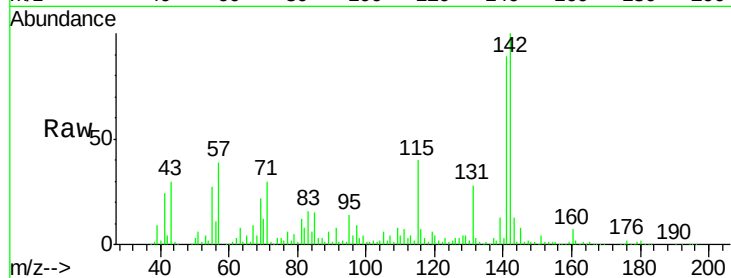
Tgt Ion:142 Resp: 410136

Ion Ratio Lower Upper

142 100

141 88.9 71.6 107.4

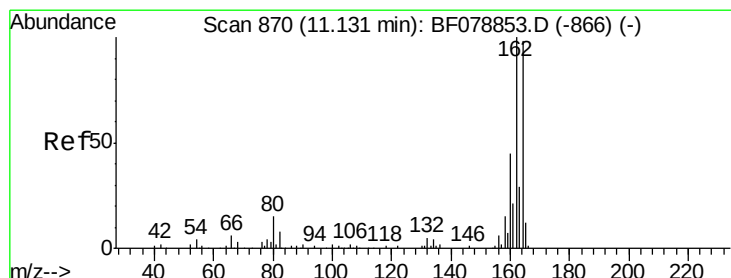
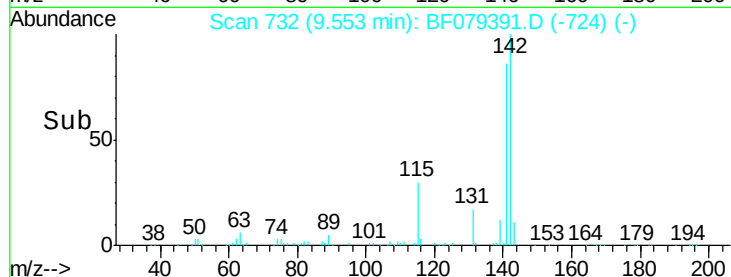
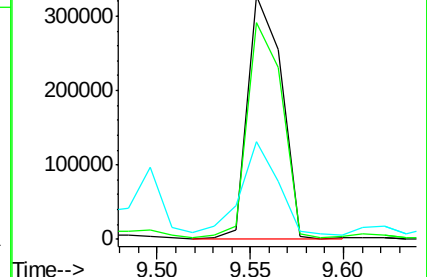
115 40.1 24.2 36.4#



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. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

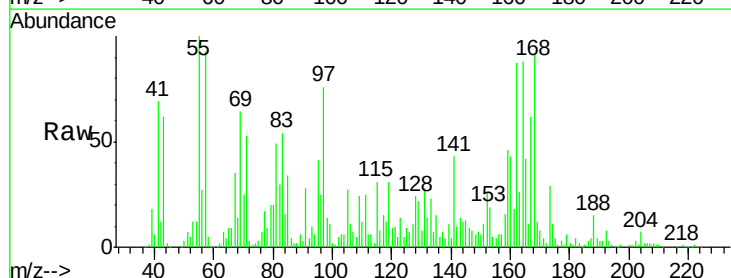
Tgt Ion:164 Resp: 129797

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.0

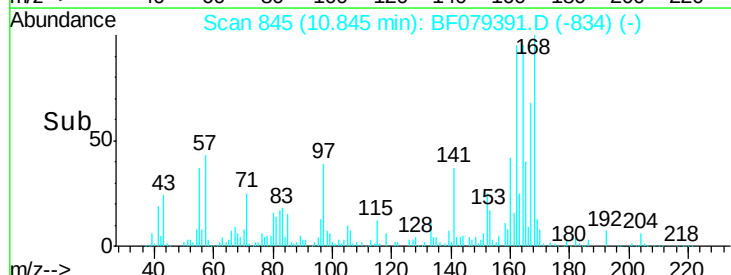
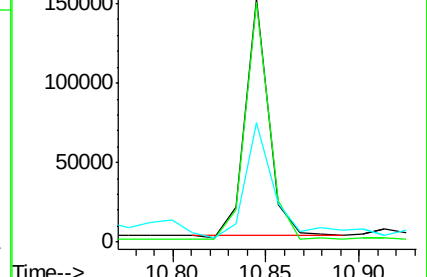
160 49.3 36.6 54.8

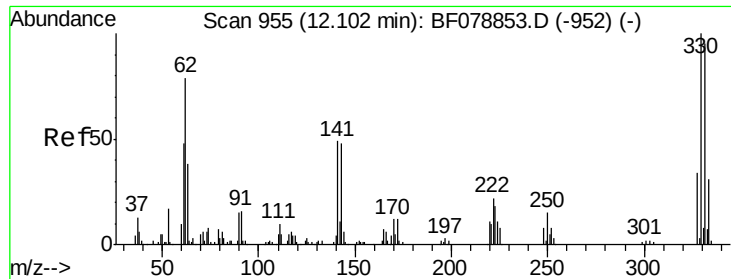


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

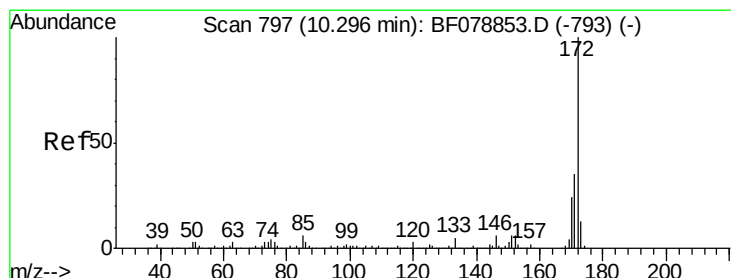
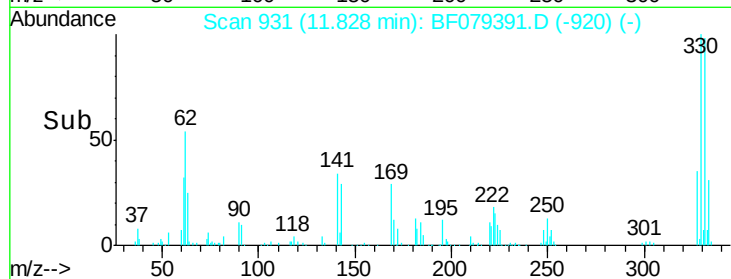
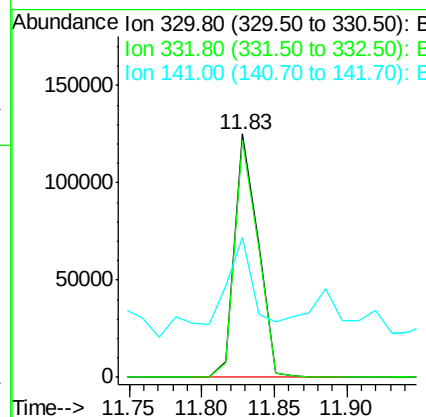
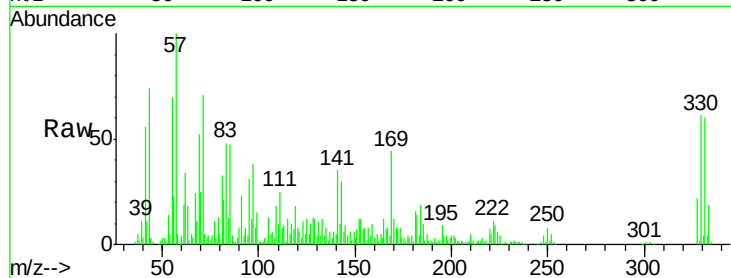




#41
 2,4,6-Tribromophenol
 Concen: 99.85 ng
 RT: 11.83 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

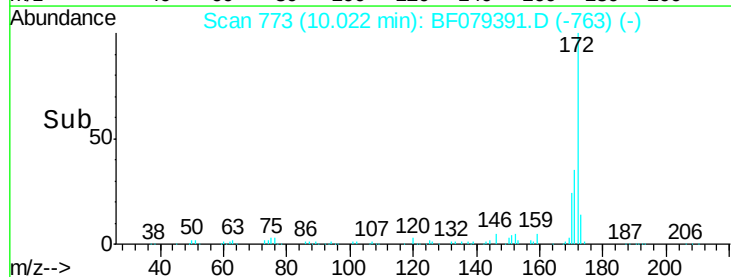
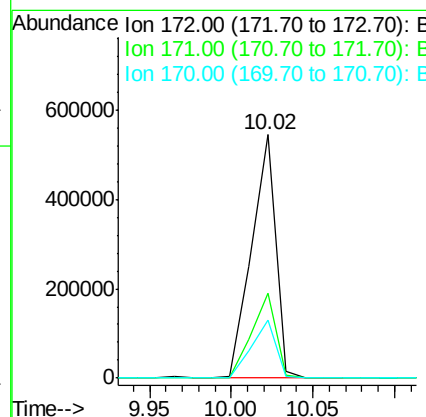
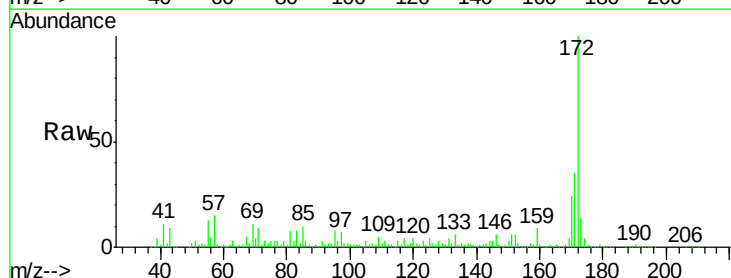
Instrument :
 BNA_F
 ClientSampleId :
 7DEPTH

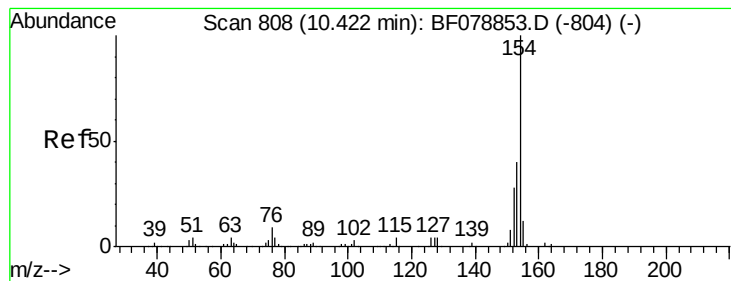
Tgt Ion:330 Resp: 140207
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 60.3 27.8 41.8#



#44
 2-Fluorobiphenyl
 Concen: 60.13 ng
 RT: 10.02 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Tgt Ion:172 Resp: 560239
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.8 19.4 29.2





#45

1,1'-Biphenyl

Concen: 9.59 ng

RT: 10.14 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

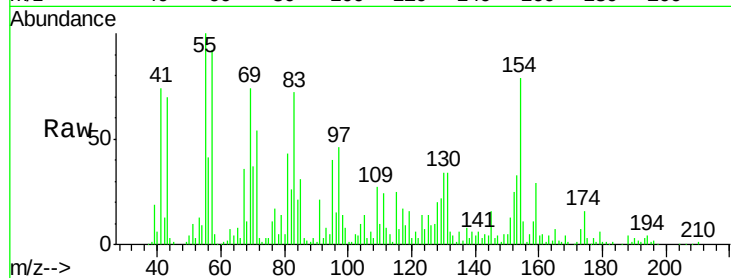
Tgt Ion:154 Resp: 98959

Ion Ratio Lower Upper

154 100

153 41.5 19.7 59.7

76 14.4 0.0 29.1

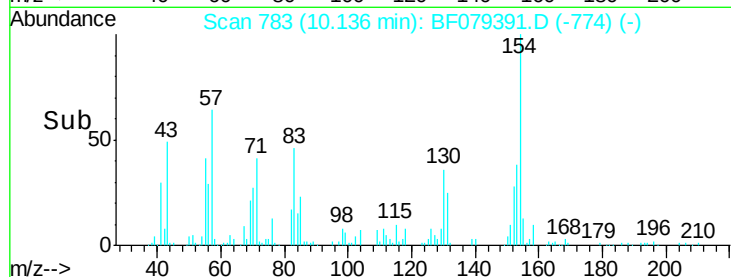


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time-->

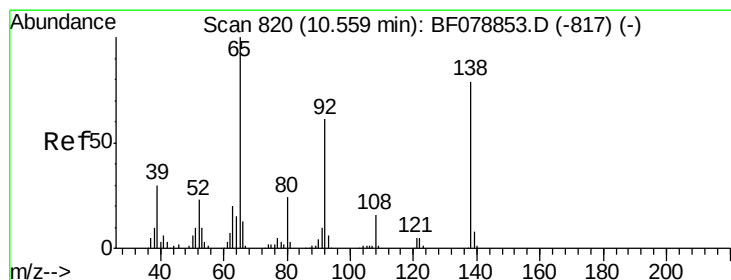


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E

Time-->



#47

2-Nitroaniline

Concen: 3.04 ng

RT: 10.30 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

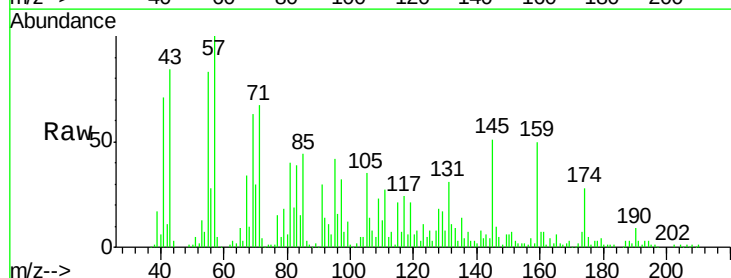
Tgt Ion: 65 Resp: 7094

Ion Ratio Lower Upper

65 100

92 163.2 49.1 73.7#

138 31.4 63.2 94.8#

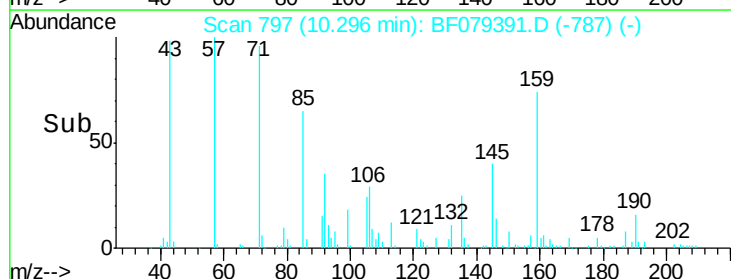


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

Time-->

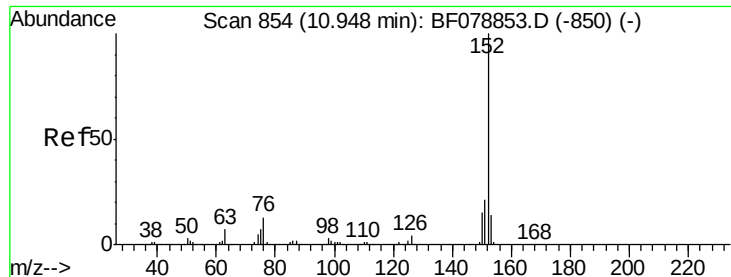


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

Time-->



#48

Acenaphthylene

Concen: 4.18 ng

RT: 10.67 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

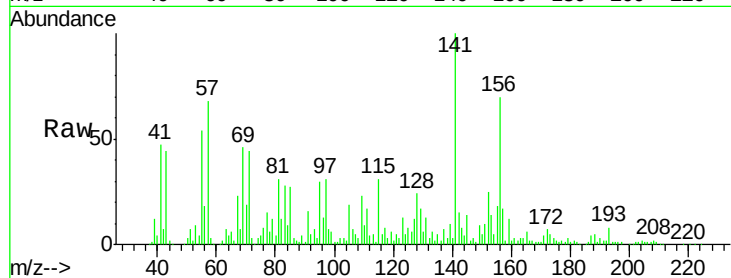
Tgt Ion:152 Resp: 55281

Ion Ratio Lower Upper

152 100

151 38.2 16.6 24.8#

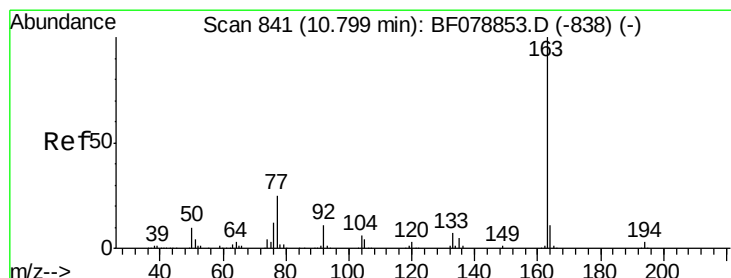
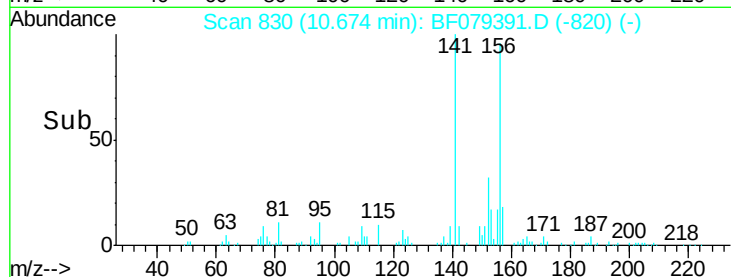
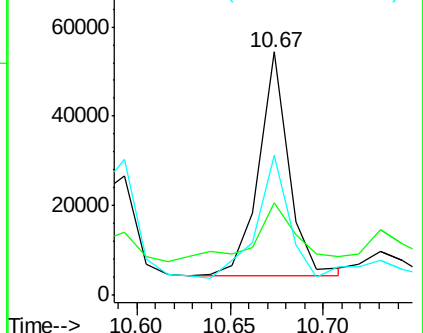
153 57.4 11.0 16.6#



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



#49

Dimethylphthalate

Concen: 7.57 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

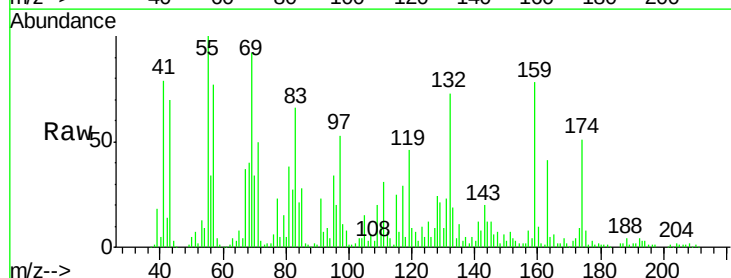
Tgt Ion:163 Resp: 72127

Ion Ratio Lower Upper

163 100

194 6.4 2.4 3.6#

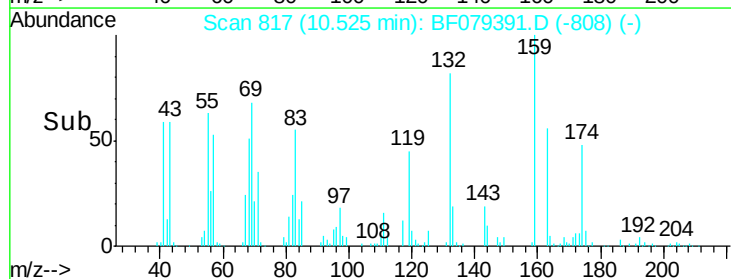
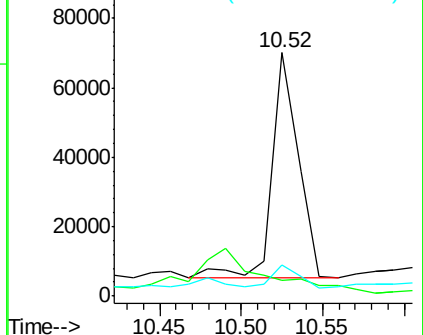
164 12.7 8.6 12.8

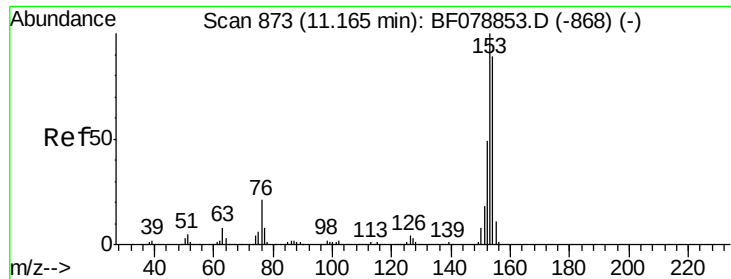


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 11.12 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

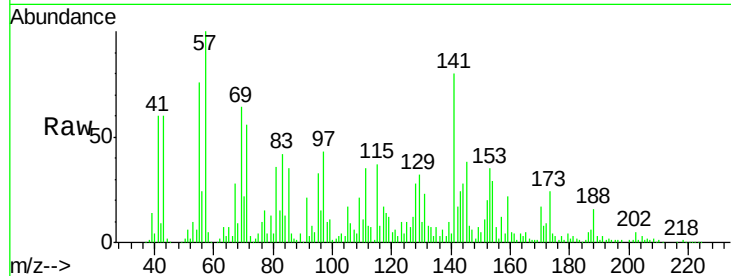
Tgt Ion:154 Resp: 87634

Ion Ratio Lower Upper

154 100

153 121.2 90.2 135.2

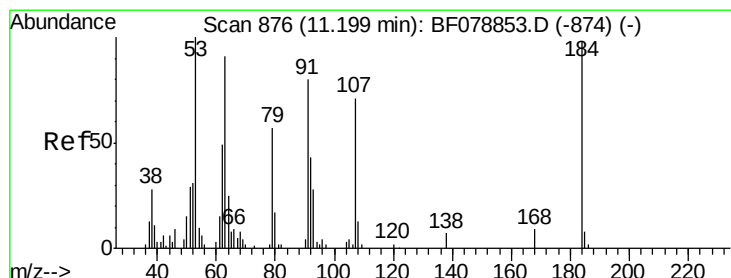
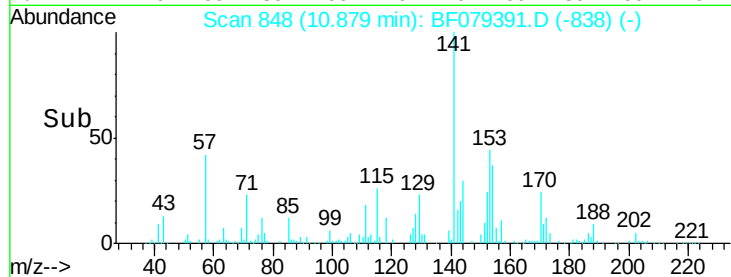
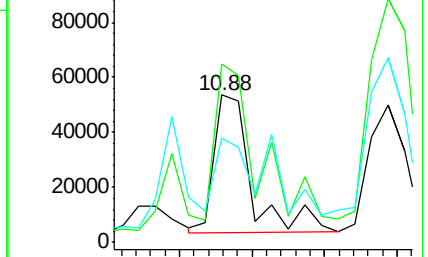
152 70.4 43.8 65.8#



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: 2.69 ng

RT: 10.95 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

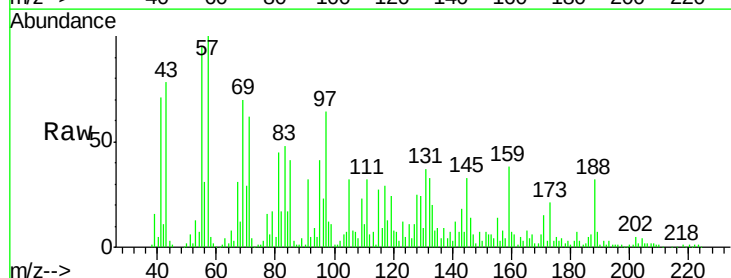
Tgt Ion:184 Resp: 956

Ion Ratio Lower Upper

184 100

63 740.4 98.8 148.2#

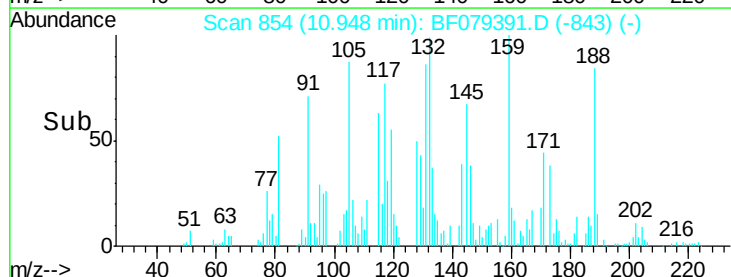
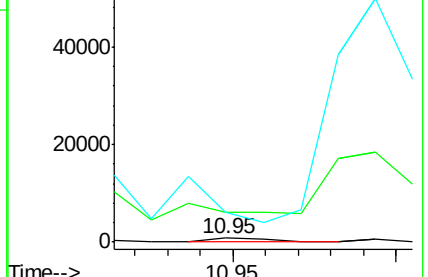
154 730.3 63.4 95.0#

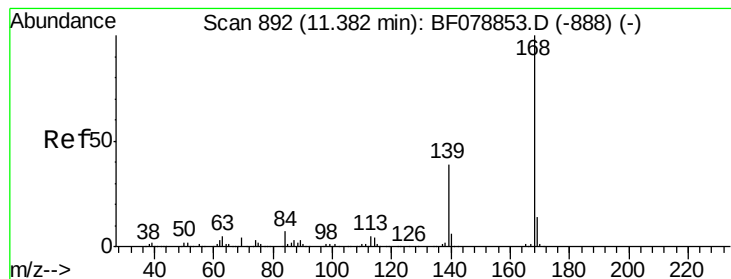


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.52 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

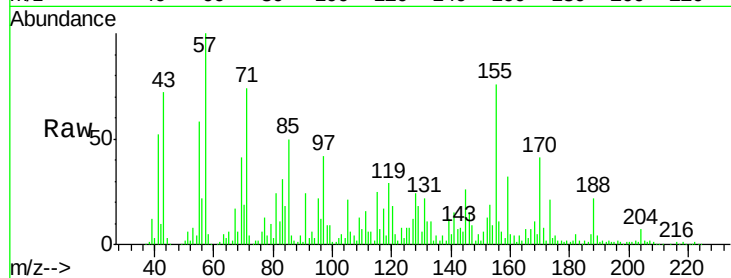
Tgt Ion:168 Resp: 40021

Ion Ratio Lower Upper

168 100

139 109.6 31.5 47.3#

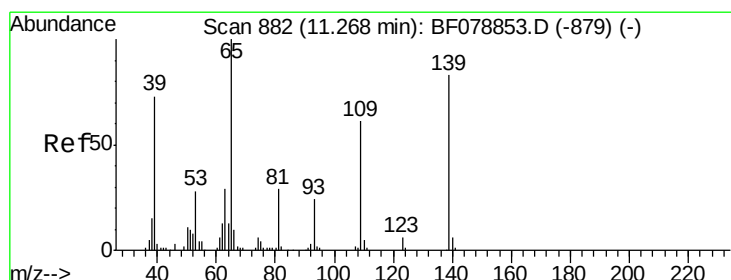
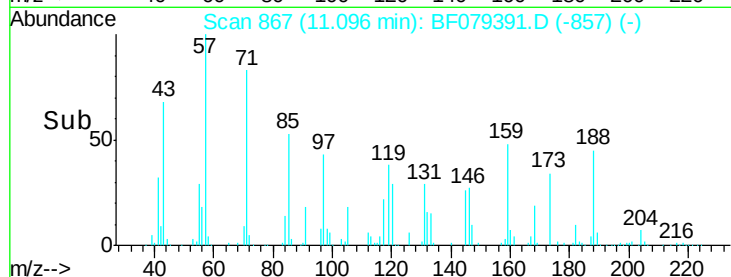
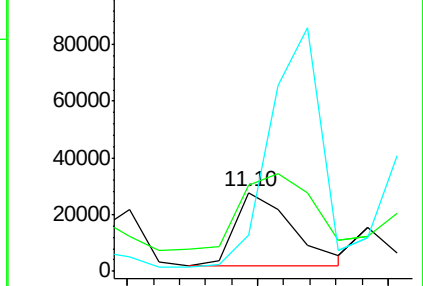
169 46.5 11.0 16.4#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 5.79 ng

RT: 11.04 min Scan# 862

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

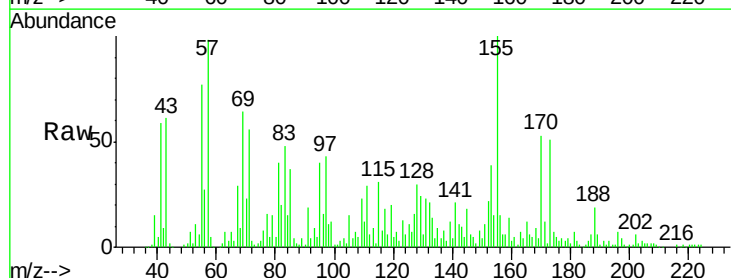
Tgt Ion:139 Resp: 10761

Ion Ratio Lower Upper

139 100

109 199.6 54.4 94.4#

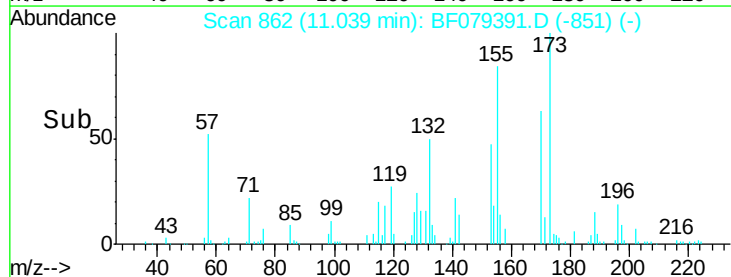
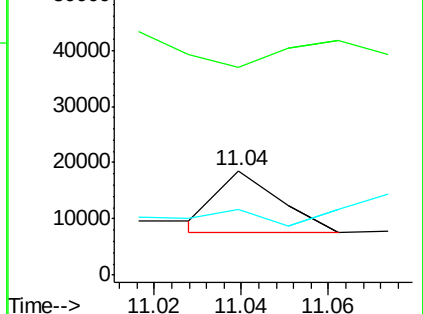
65 63.4 101.0 141.0#

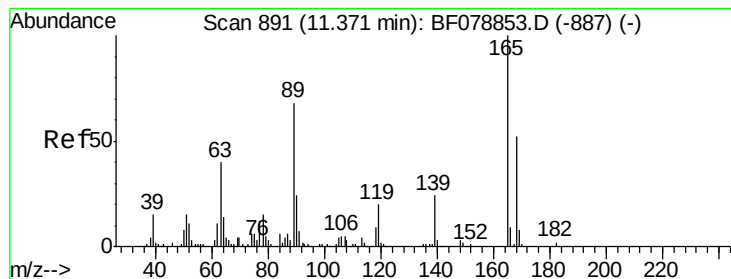


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 14.58 ng

RT: 11.12 min Scan# 869

Delta R.T. 0.02 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

Tgt Ion:165 Resp: 36244

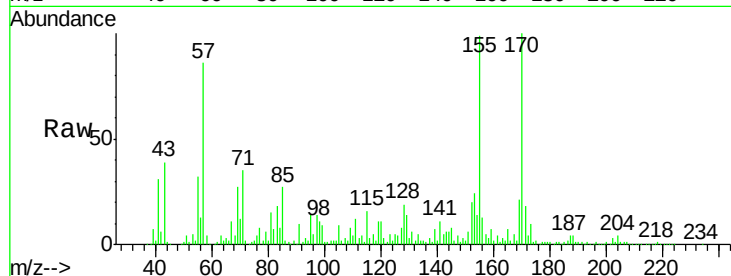
Ion Ratio Lower Upper

165 100

63 50.1 32.3 48.5#

89 29.1 54.6 81.8#

182 12.5 1.8 2.6#

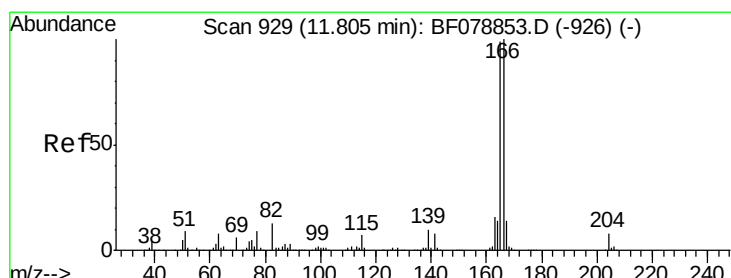
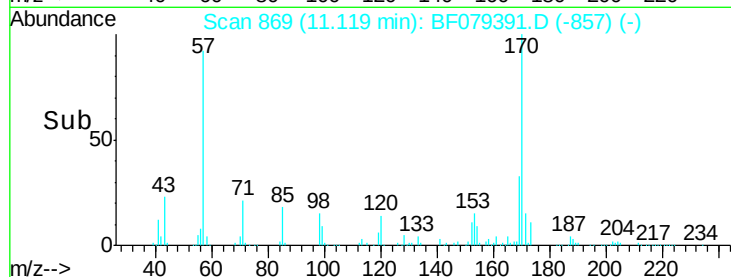
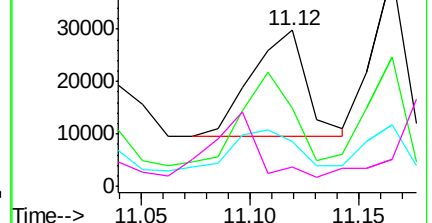


Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.22 ng

RT: 11.53 min Scan# 905

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

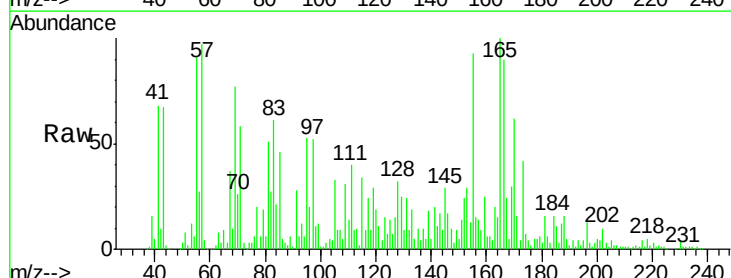
Tgt Ion:166 Resp: 188962

Ion Ratio Lower Upper

166 100

165 110.5 79.5 119.3

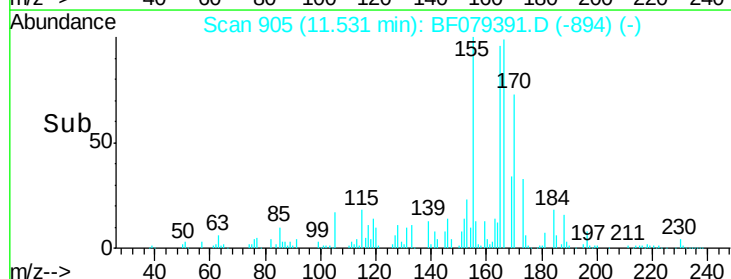
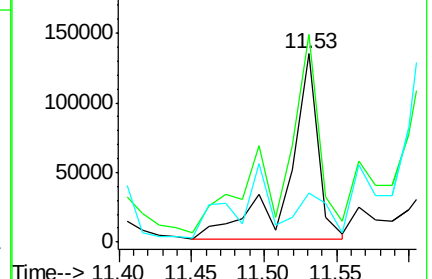
167 26.2 11.0 16.6#

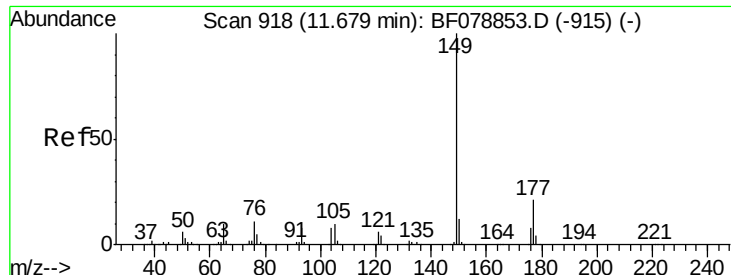


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

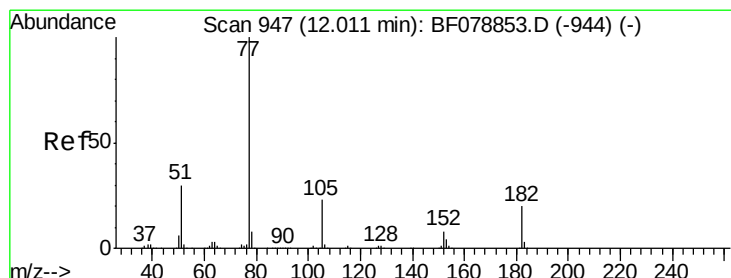
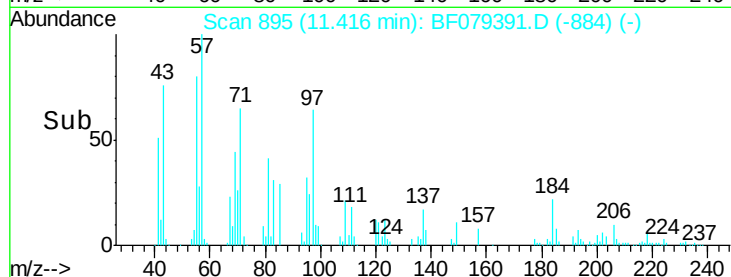
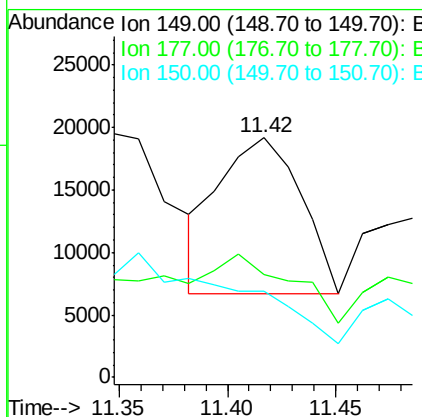
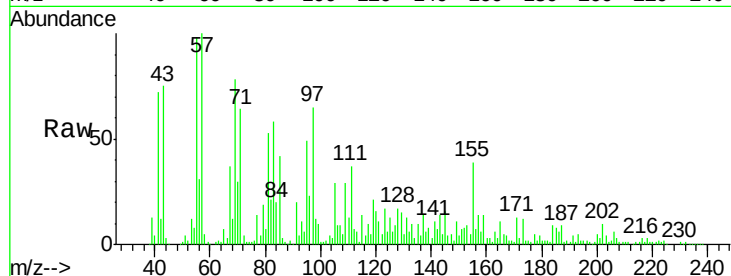




#59
Diethylphthalate
Concen: 3.45 ng
RT: 11.42 min Scan# 895
Delta R.T. 0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

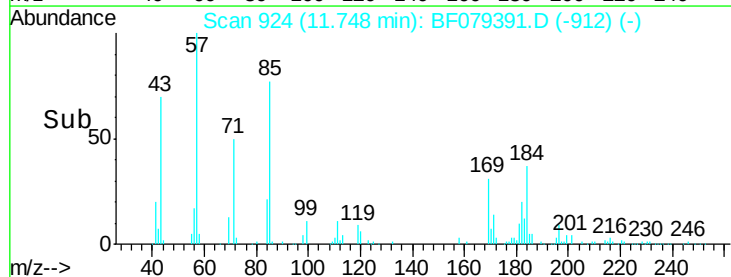
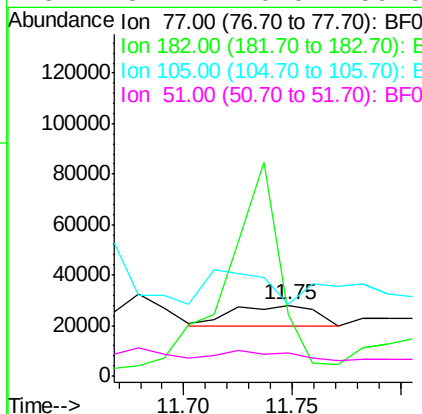
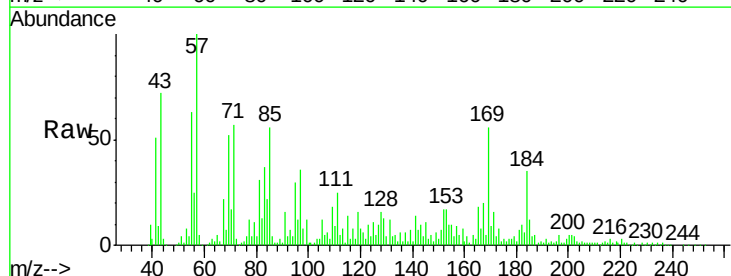
Instrument :
BNA_F
ClientSampleId :
7DEPTH

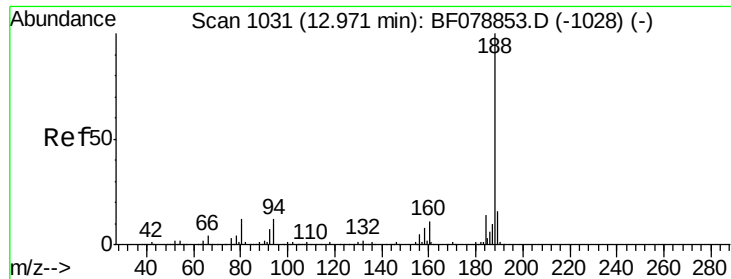
Tgt Ion: 149 Resp: 32595
Ion Ratio Lower Upper
149 100
177 43.1 16.4 24.6#
150 36.1 9.8 14.6#



#62
Azobenzene
Concen: 2.26 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.02 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Tgt Ion: 77 Resp: 21030
Ion Ratio Lower Upper
77 100
182 87.6 0.0 40.0#
105 101.8 2.9 42.9#
51 32.2 10.0 50.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.69 min Scan# 1006

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

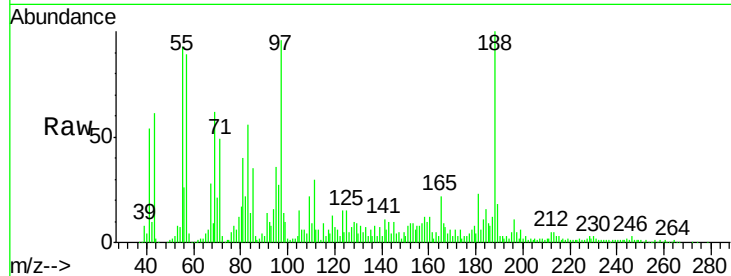
Tgt Ion:188 Resp: 250626

Ion Ratio Lower Upper

188 100

94 16.1 9.4 14.0#

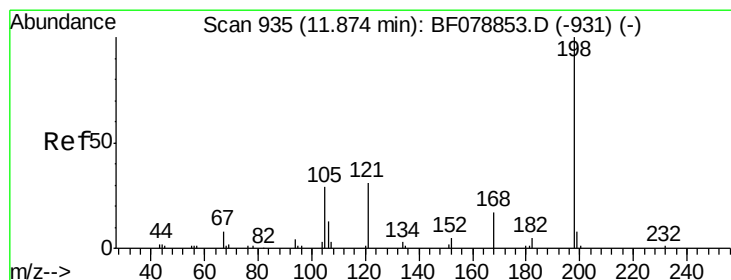
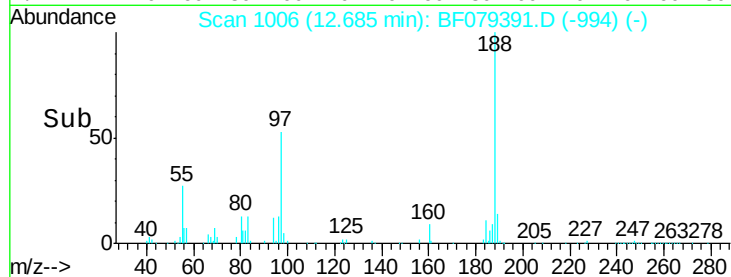
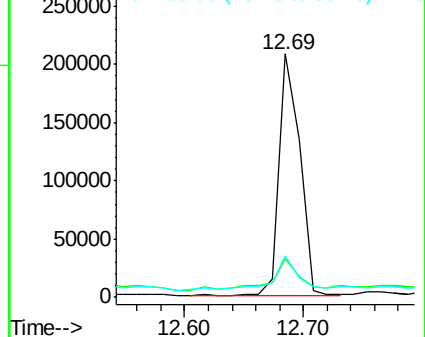
80 17.1 9.8 14.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 3.56 ng

RT: 11.63 min Scan# 914

Delta R.T. 0.03 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

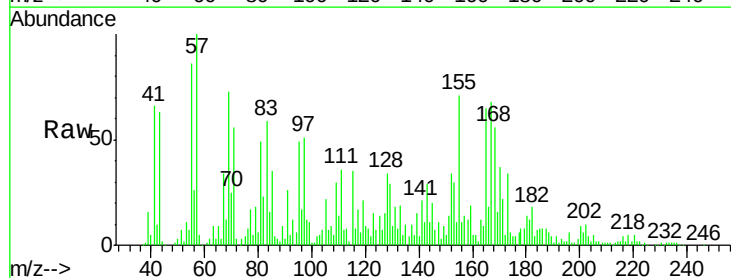
Tgt Ion:198 Resp: 1932

Ion Ratio Lower Upper

198 100

51 609.8 7.0 47.0#

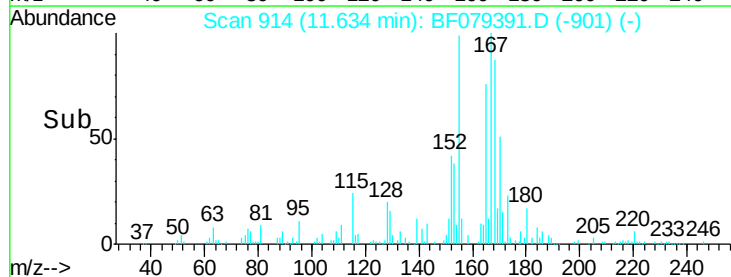
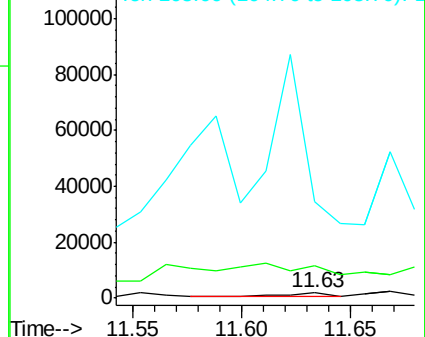
105 1807.3 13.7 53.7#

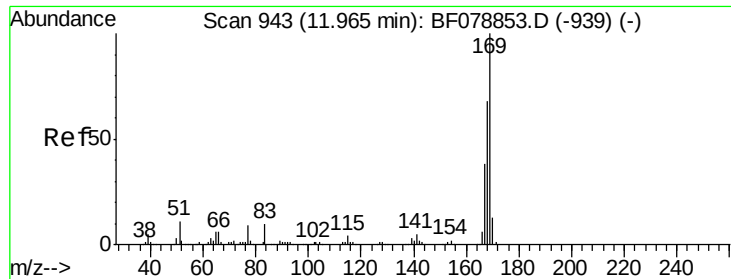


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

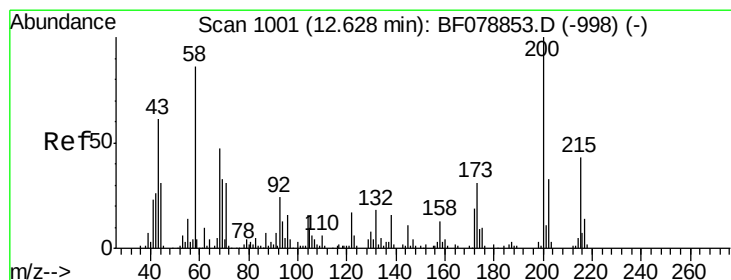
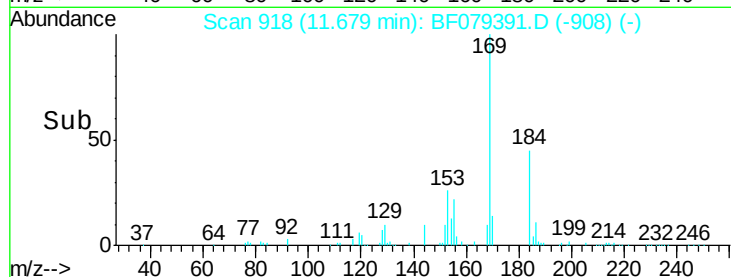
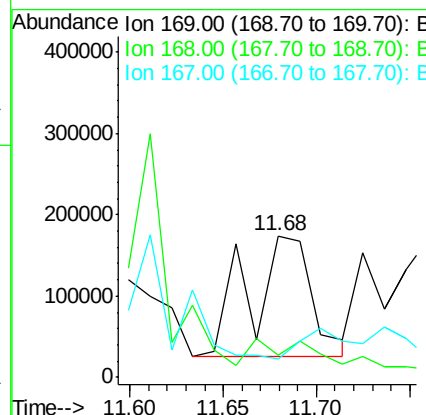
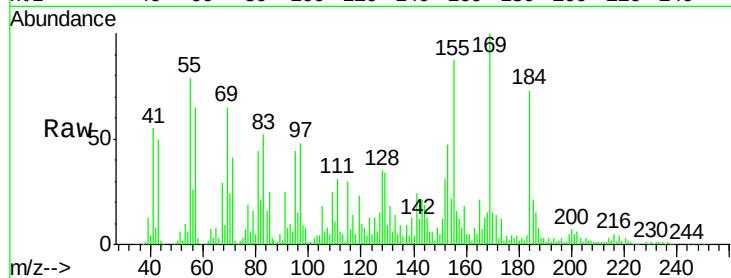




#65
n-Nitrosodiphenylamine
Concen: 41.65 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

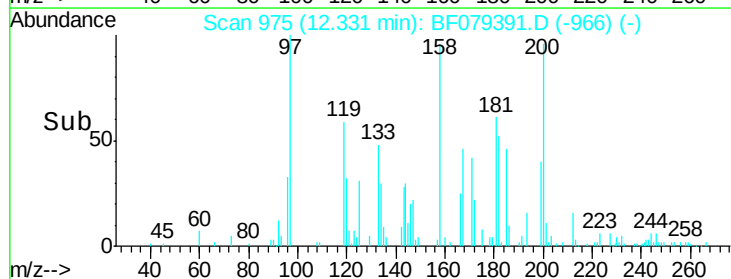
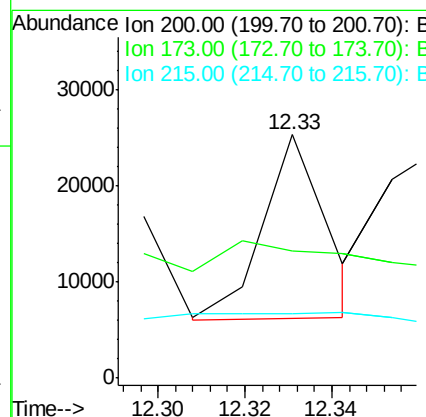
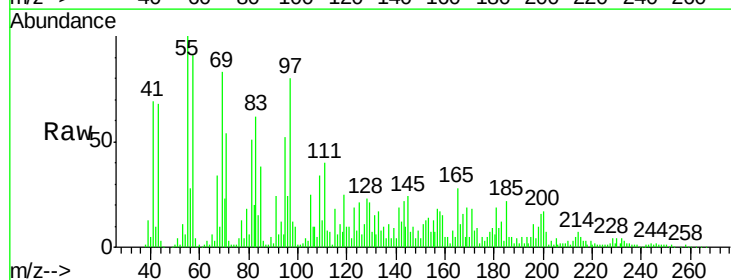
Instrument :
BNA_F
ClientSampleId :
7DEPTH

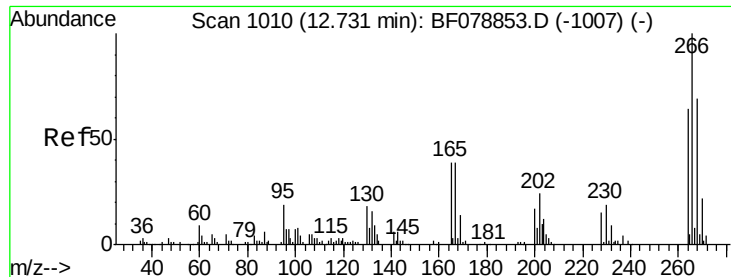
Tgt Ion:169 Resp: 347647
Ion Ratio Lower Upper
169 100
168 15.3 54.1 81.1#
167 12.8 30.1 45.1#



#68
Atrazine
Concen: 8.04 ng
RT: 12.33 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Tgt Ion:200 Resp: 19522
Ion Ratio Lower Upper
200 100
173 52.1 10.9 50.9#
215 26.5 23.2 63.2

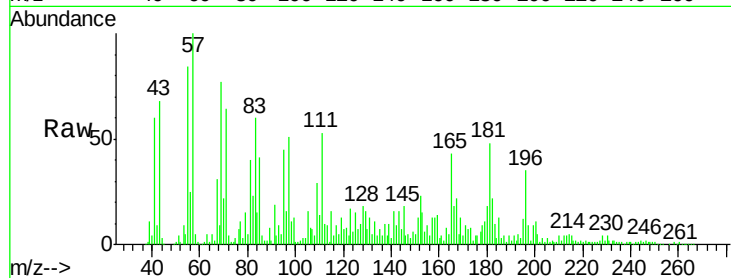




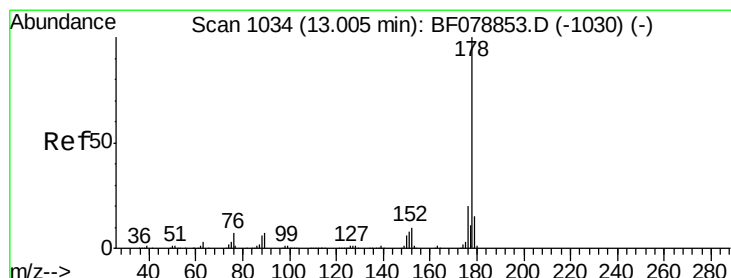
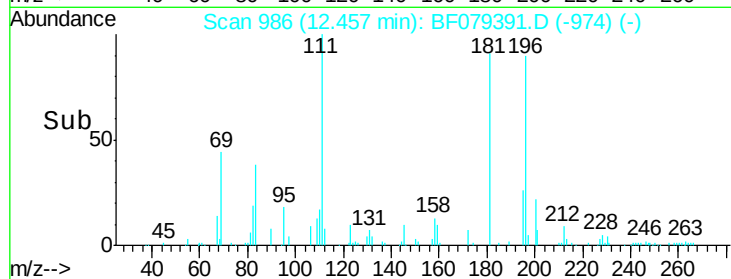
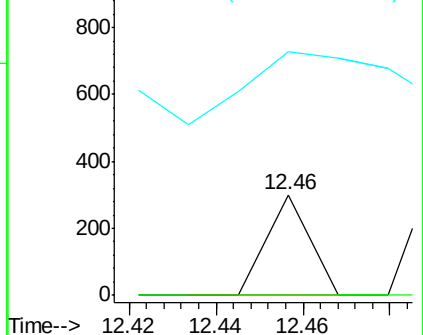
#69
 Pentachlorophenol
 Concen: 6.95 ng
 RT: 12.46 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Instrument :
 BNA_F
 ClientSampled :
 7DEPTH

Tgt Ion: 266 Resp: 206
 Ion Ratio Lower Upper
 266 100
 268 0.0 55.0 82.6#
 264 242.3 50.9 76.3#

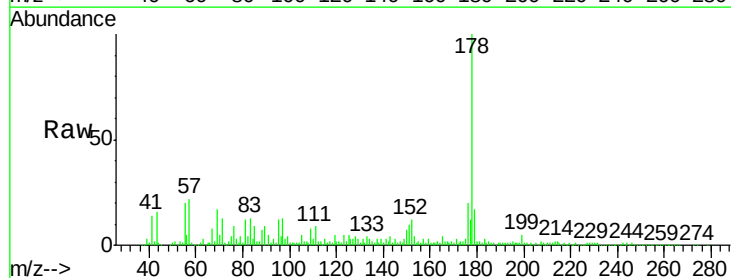


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

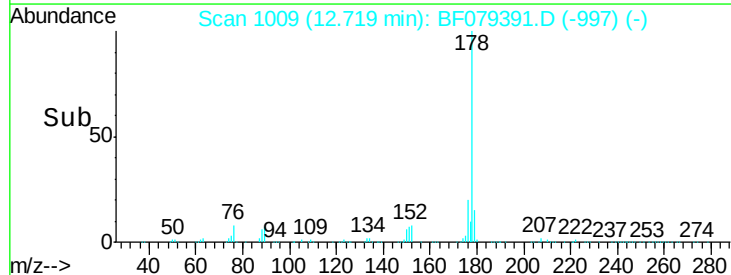
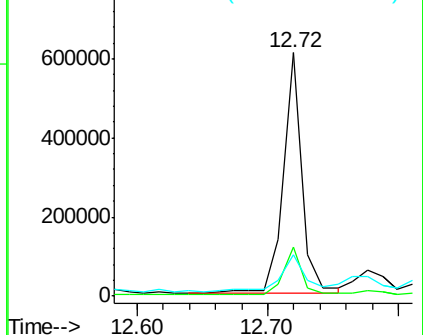


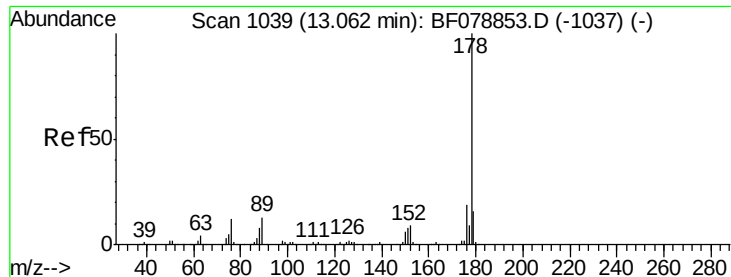
#70
 Phenanthrene
 Concen: 43.62 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Tgt Ion: 178 Resp: 611535
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.9 23.9
 179 17.1 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

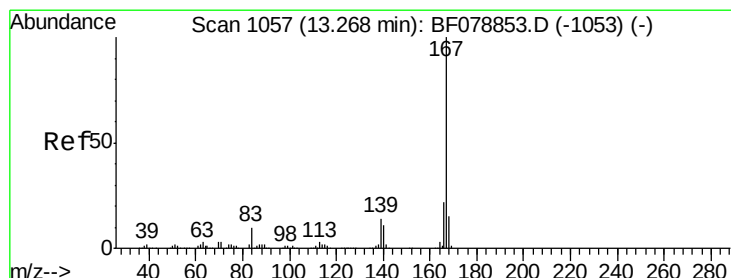
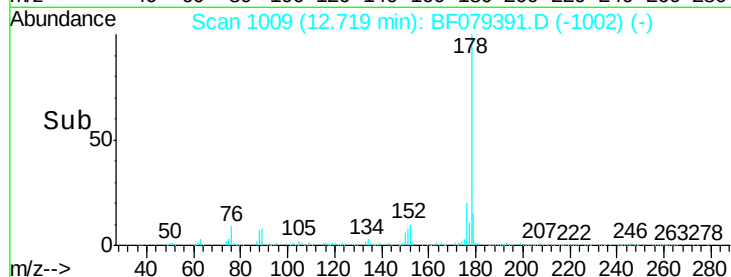
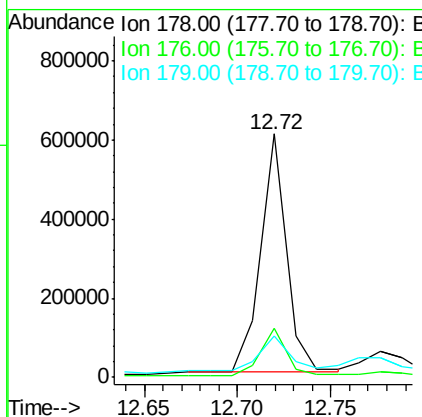
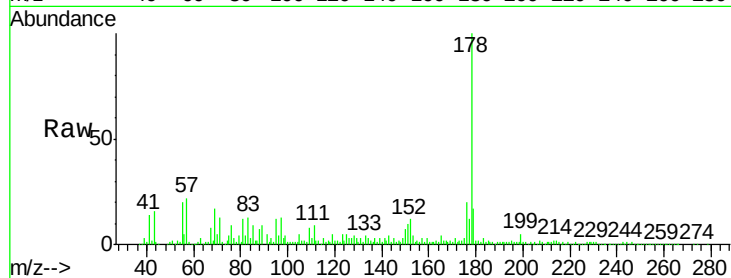




#71
 Anthracene
 Concen: 42.00 ng
 RT: 12.72 min Scan# 1009
 Delta R.T. -0.05 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

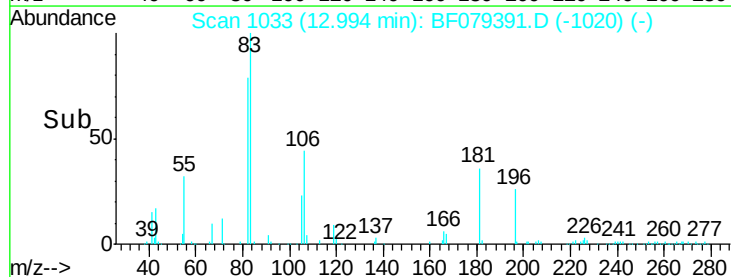
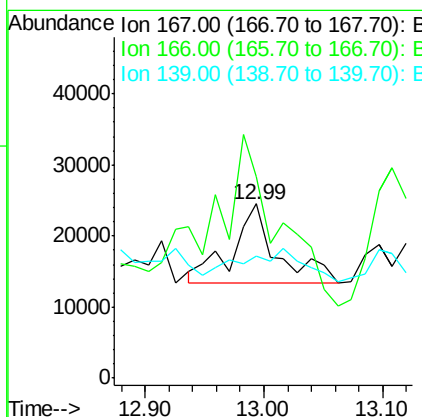
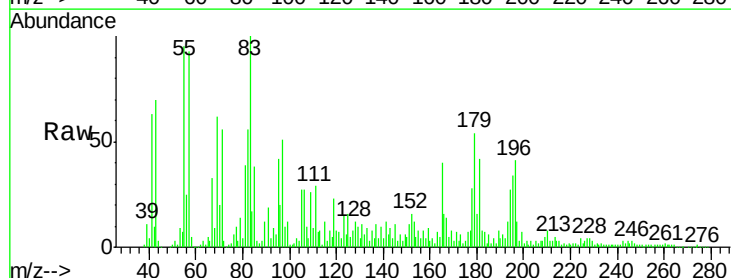
Instrument :
 BNA_F
 ClientSampleId :
 7DEPTH

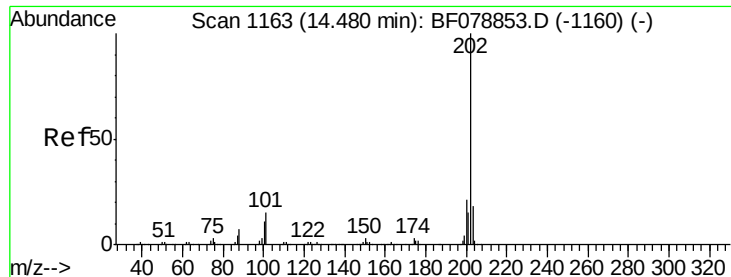
Tgt Ion:178 Resp: 577759
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 17.1 12.6 19.0



#72
 Carbazole
 Concen: 2.18 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. 0.02 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Tgt Ion:167 Resp: 28588
 Ion Ratio Lower Upper
 167 100
 166 115.4 17.5 26.3#
 139 69.8 11.0 16.4#





#74

Fluoranthene

Concen: 5.99 ng

RT: 14.19 min Scan# 1138

Delta R.T. 0.02 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

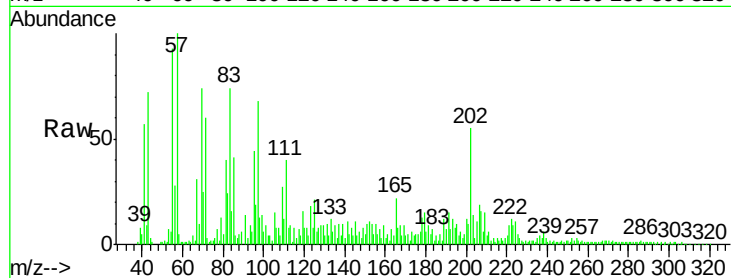
Tgt Ion:202 Resp: 87461

Ion Ratio Lower Upper

202 100

101 17.0 0.0 34.7

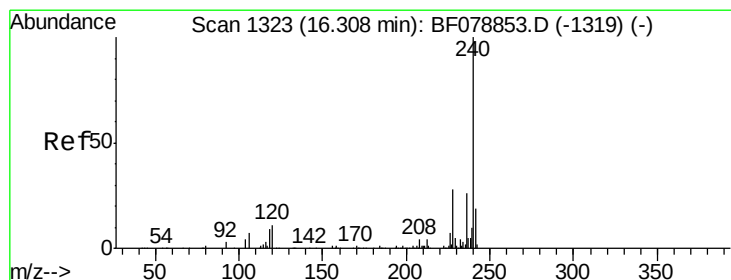
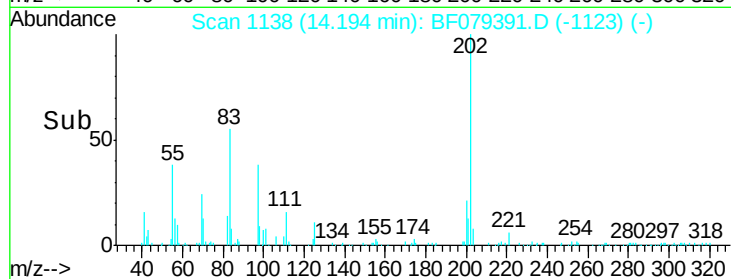
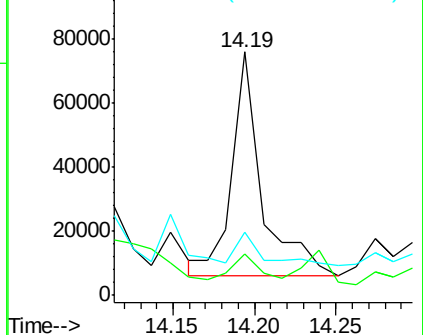
203 26.1 0.0 37.9



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: 15.99 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

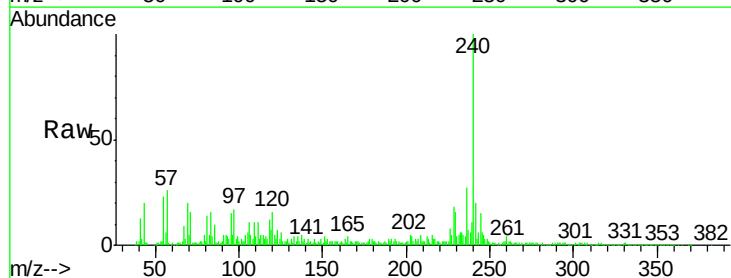
Tgt Ion:240 Resp: 298378

Ion Ratio Lower Upper

240 100

120 15.6 8.6 12.8#

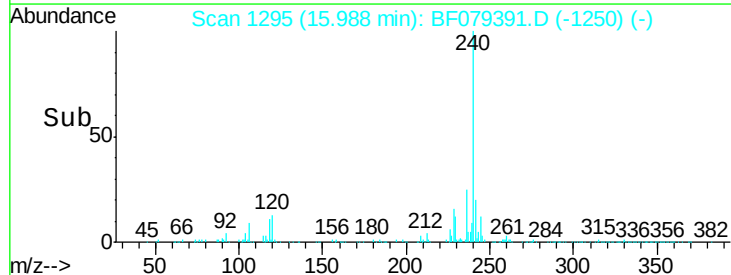
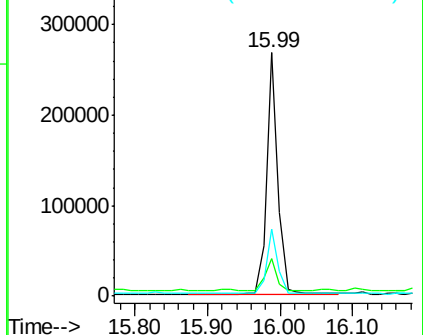
236 27.3 21.0 31.6

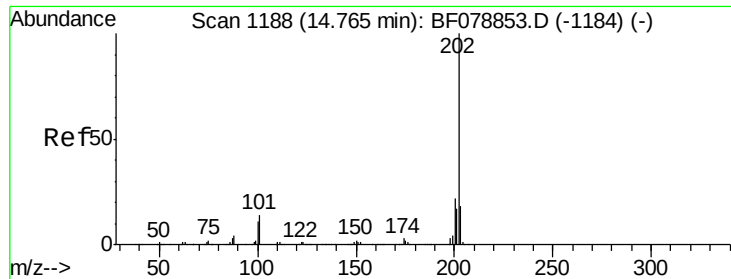


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

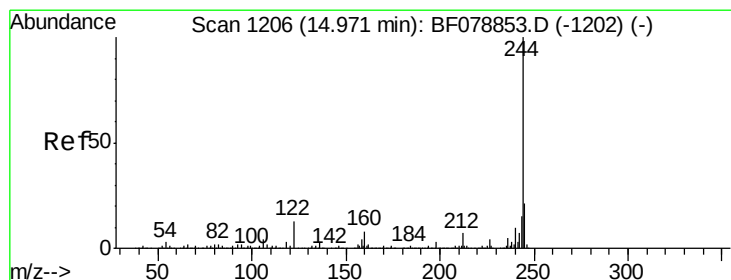
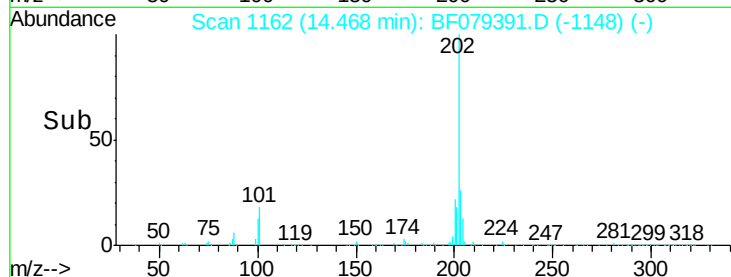
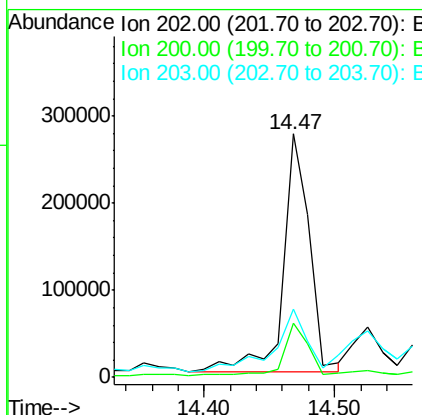
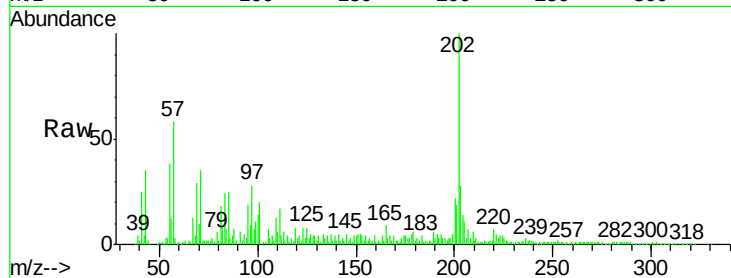




#77
 Pyrene
 Concen: 22.41 ng
 RT: 14.47 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

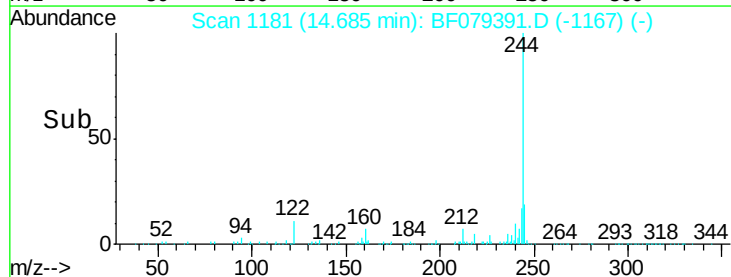
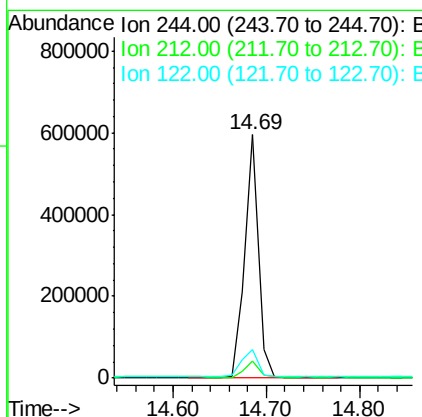
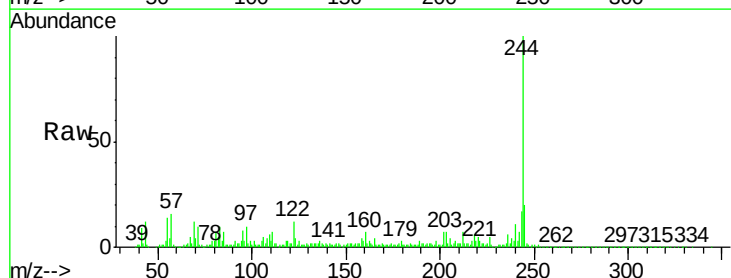
Instrument :
 BNA_F
 ClientSampleId :
 7DEPTH

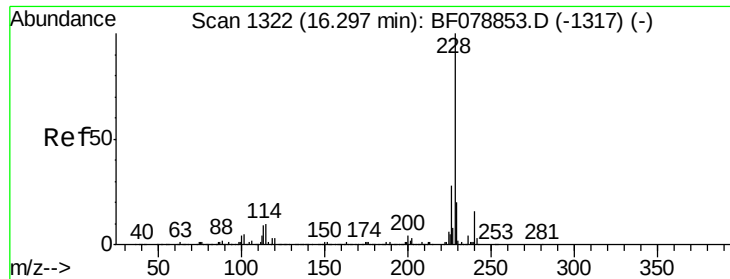
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.5	26.3
203	28.2	14.7	22.1



#78
 Terphenyl-d14
 Concen: 48.67 ng
 RT: 14.69 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.7	10.5	15.7

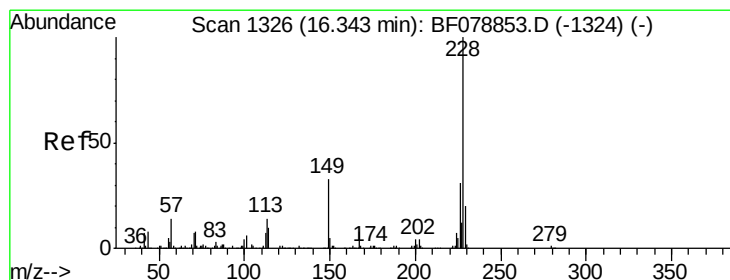
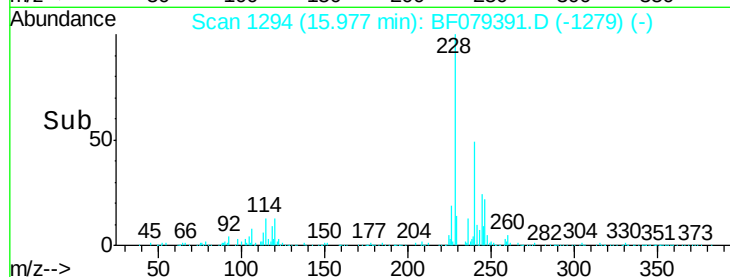
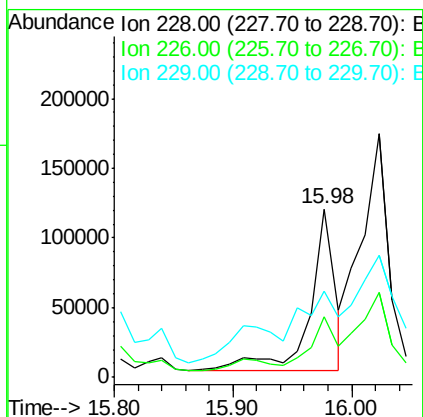
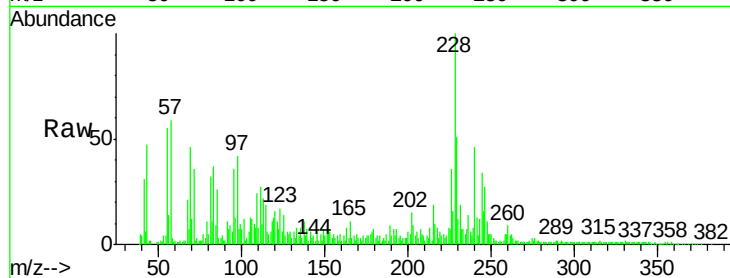




#80
Benzo(a)anthracene
Concen: 10.60 ng
RT: 15.98 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

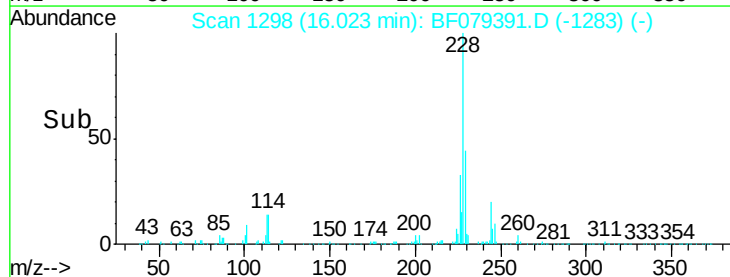
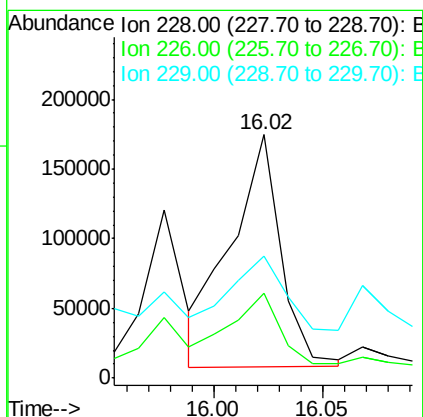
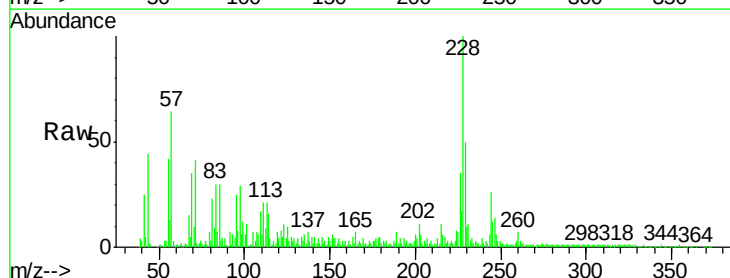
Instrument :
BNA_F
ClientSampleId :
7DEPTH

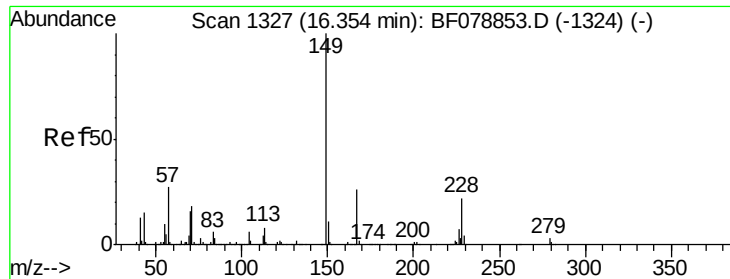
Tgt Ion:228 Resp: 173206
Ion Ratio Lower Upper
228 100
226 35.7 22.3 33.5#
229 51.2 16.1 24.1#



#82
Chrysene
Concen: 17.02 ng
RT: 16.02 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF079391.D
Acq: 20 May 2015 21:23

Tgt Ion:228 Resp: 267491
Ion Ratio Lower Upper
228 100
226 35.1 24.8 37.2
229 49.9 16.1 24.1#

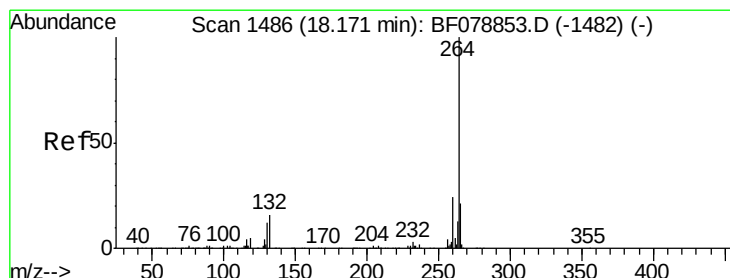
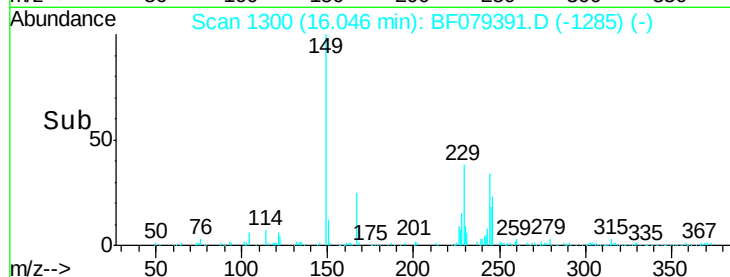
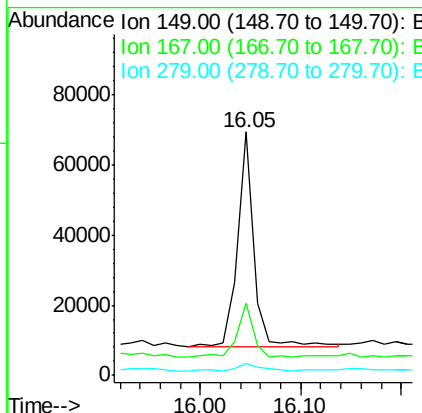
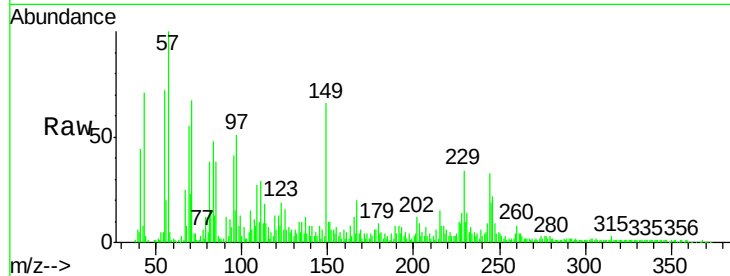




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.98 ng
 RT: 16.05 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

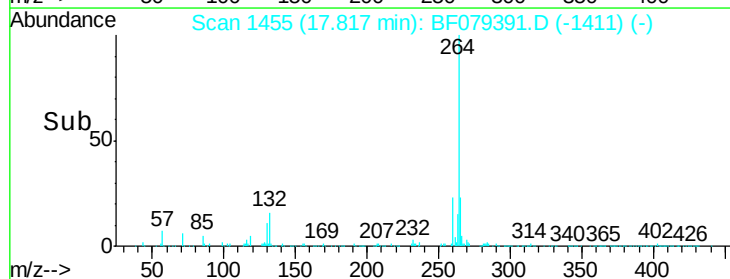
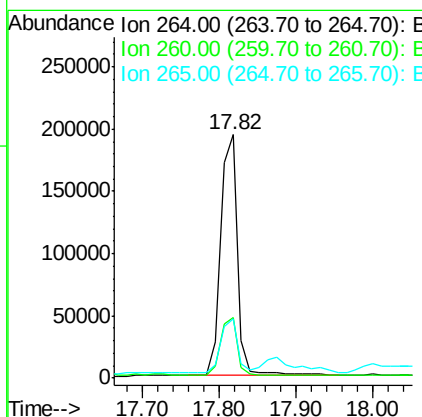
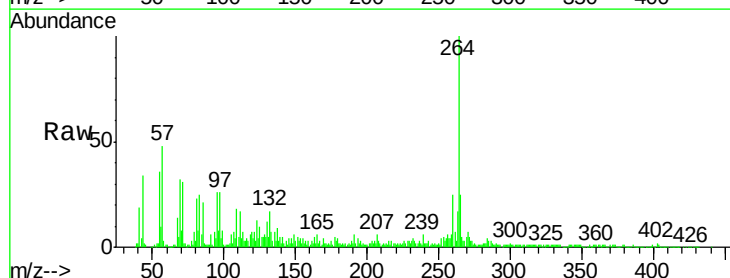
Instrument :
 BNA_F
 ClientSampleId :
 7DEPTH

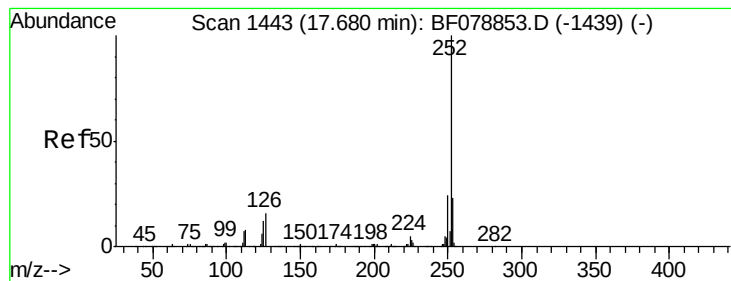
Tgt Ion:149 Resp: 68128
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.2 31.8
 279 4.8 2.6 4.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF079391.D
 Acq: 20 May 2015 21:23

Tgt Ion:264 Resp: 300918
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.2 28.8
 265 24.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 4.26 ng

RT: 17.34 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

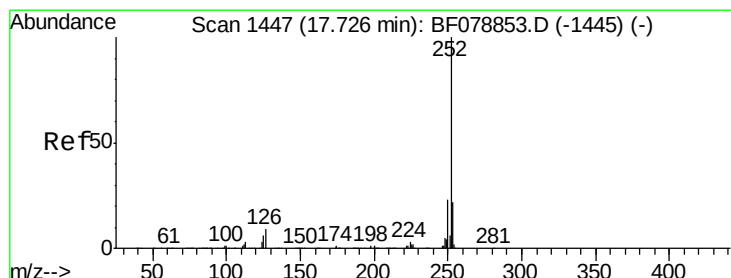
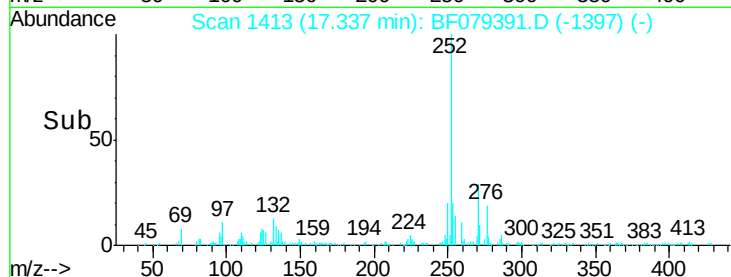
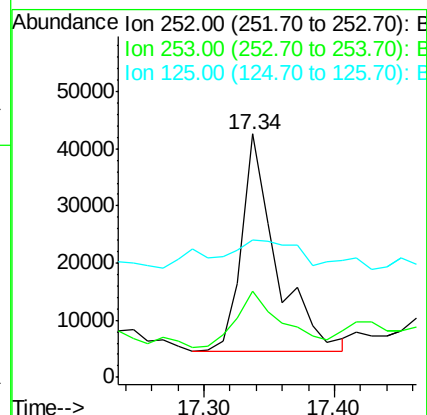
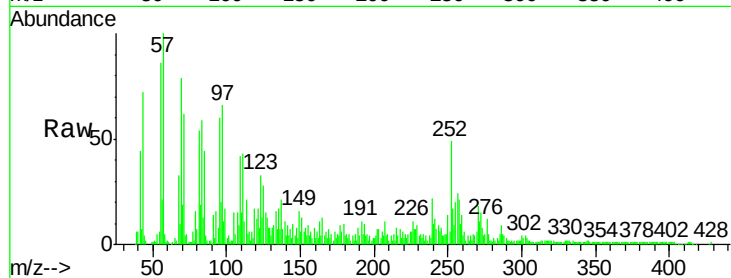
Tgt Ion:252 Resp: 70098

Ion Ratio Lower Upper

252 100

253 35.3 18.1 27.1#

125 56.7 9.4 14.2#



#88

Benzo(k)fluoranthene

Concen: 4.40 ng

RT: 17.34 min Scan# 1413

Delta R.T. -0.03 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

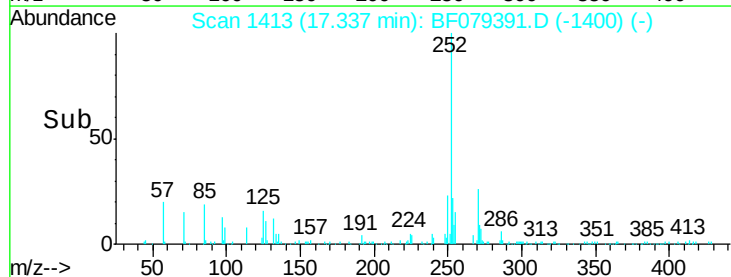
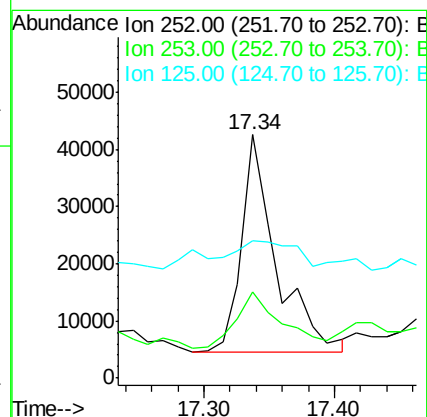
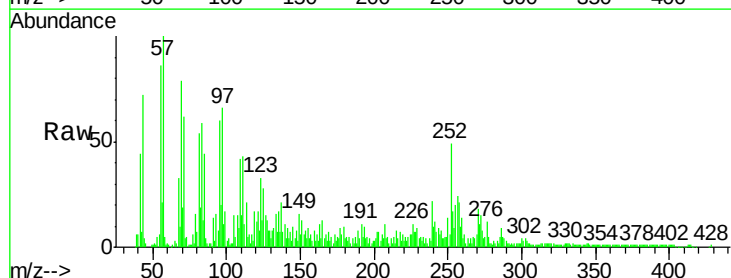
Tgt Ion:252 Resp: 70098

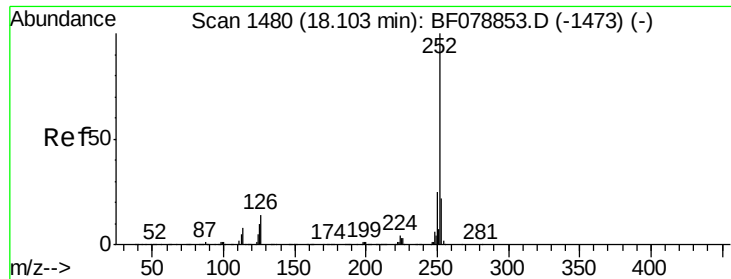
Ion Ratio Lower Upper

252 100

253 35.3 17.4 26.0#

125 56.7 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 5.08 ng

RT: 17.75 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

Instrument :

BNA_F

ClientSampleId :

7DEPTH

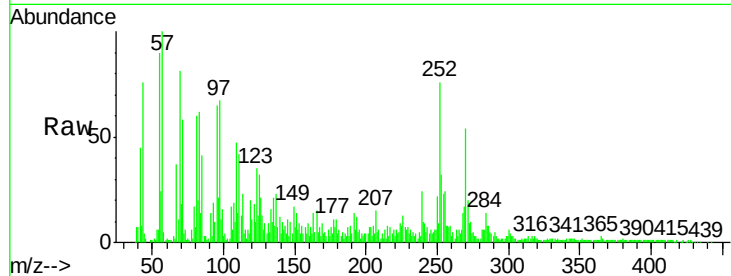
Tgt Ion:252 Resp: 77088

Ion Ratio Lower Upper

252 100

253 42.3 18.0 27.0#

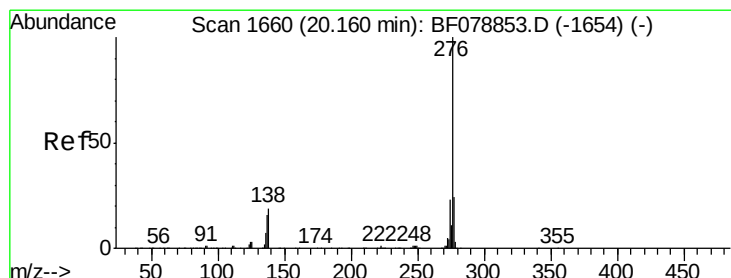
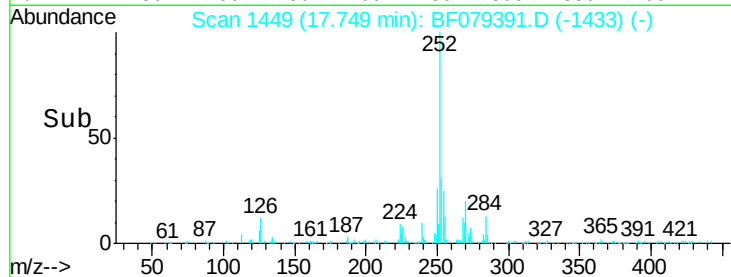
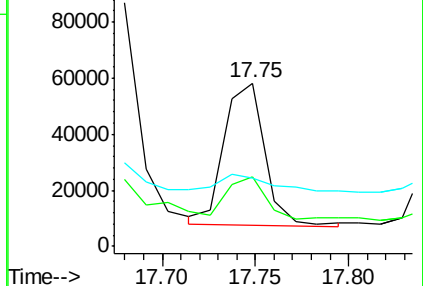
125 42.1 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.82 ng

RT: 19.60 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF079391.D

Acq: 20 May 2015 21:23

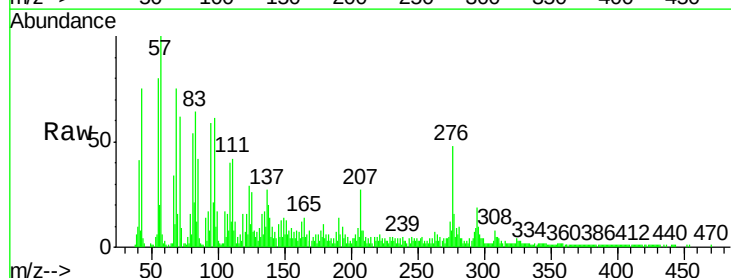
Tgt Ion:276 Resp: 45607

Ion Ratio Lower Upper

276 100

277 33.7 18.8 28.2#

138 42.7 15.2 22.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

