

Data Path : Z:\HPCHEM1\BNA F\Data\BF012915\
 Data File : BF077125.D
 Acq On : 29 Jan 2015 15:30
 Operator : TP/IZ
 Sample : G1137-02DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 01:00:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 00:11:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	22319	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	95772	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	52351	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	82529	20.00	ng	0.01
75) Chrysene-d12	21.08	240	84674	20.00	ng	0.00
86) Perylene-d12	22.76	264	83459	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.72	112	17846	13.15	ng	0.02
7) Phenol-d6	7.11	99	21740	12.70	ng	0.01
23) Nitrobenzene-d5	9.00	82	14687	8.50	ng	0.00
41) 2,4,6-Tribromophenol	16.46	330	5194	12.22	ng	0.01
44) 2-Fluorobiphenyl	13.25	172	28195	8.20	ng	0.00
78) Terphenyl-d14	19.82	244	27486	7.47	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.71	77	7463	6.18	ng	# 1
19) n-Nitroso-di-n-propylamine	8.78	70	4729	3.95	ng	# 41
22) Acetophenone	8.64	105	90163	38.44	ng	# 56
26) 2-Nitrophenol	9.70	139	671	2.48	ng	# 1
31) Naphthalene	10.64	128	203089	41.19	ng	# 96
35) Caprolactam	11.74	113	2558	6.85	ng	# 1
37) 2-Methylnaphthalene	12.31	142	531888	157.96	ng	# 97
45) 1,1'-Biphenyl	13.45	154	29598	7.63	ng	# 91
47) 2-Nitroaniline	13.83	65	9287	9.59	ng	# 46
50) 2,6-Dinitrotoluene	14.45	165	2946	3.97	ng	# 75
51) Acenaphthene	14.80	154	24084	7.88	ng	# 75
52) 3-Nitroaniline	14.81	138	702	2.52	ng	# 52
54) Dibenzofuran	15.23	168	20537	4.61	ng	# 84
55) 4-Nitrophenol	15.40	139	12058	20.72	ng	# 56
56) 2,4-Dinitrotoluene	15.40	165	9518	10.29	ng	# 56
57) Fluorene	15.98	166	53150	14.09	ng	# 93
60) 4-Chlorophenyl-phenylether	16.07	204	3288	2.13	ng	# 1
61) 4-Nitroaniline	16.11	138	1507	2.99	ng	# 57
64) 4,6-Dinitro-2-methylphenol	16.25	198	221	3.69	ng	# 1
65) n-Nitrosodiphenylamine	16.30	169	59733	20.30	ng	# 52
68) Atrazine	17.35	200	5001	5.60	ng	# 35
70) Phenanthrene	17.61	178	172621	33.54	ng	# 98
71) Anthracene	17.68	178	27517	5.48	ng	# 35
77) Pyrene	19.55	202	37692	6.50	ng	# 78

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

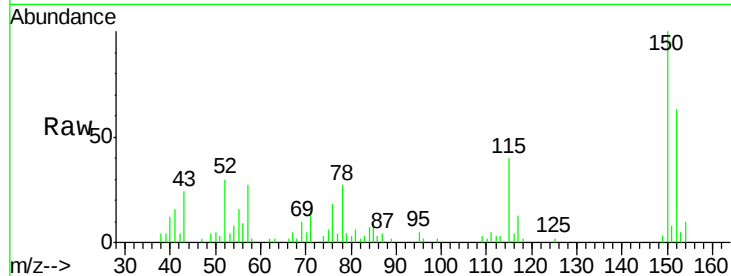


#1

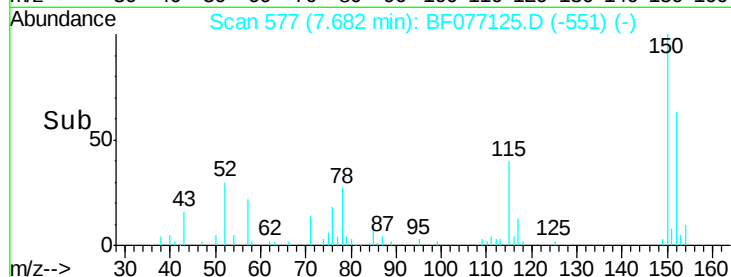
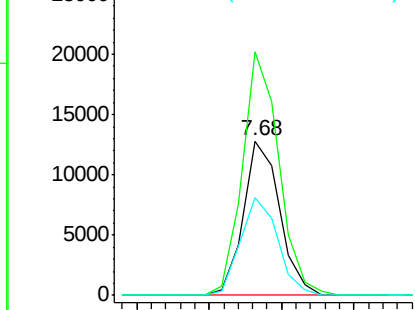
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.68 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 22319
Ion Ratio Lower Upper
152 100
150 157.9 121.7 182.5
115 63.2 47.0 70.6



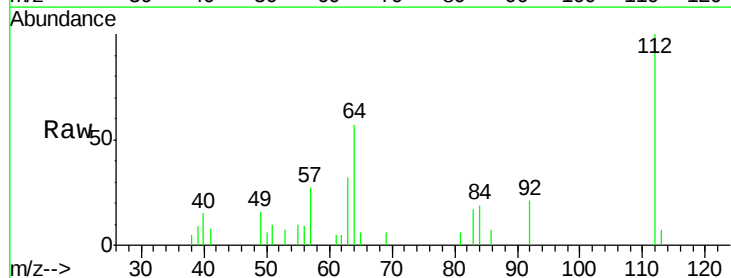
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



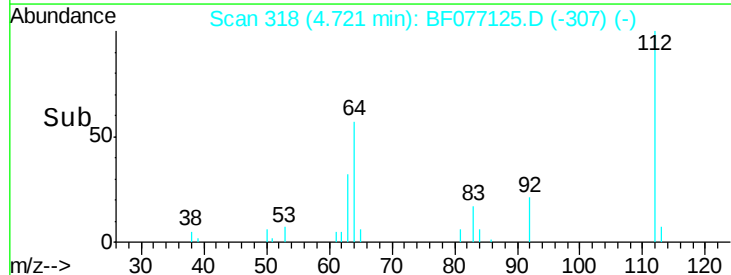
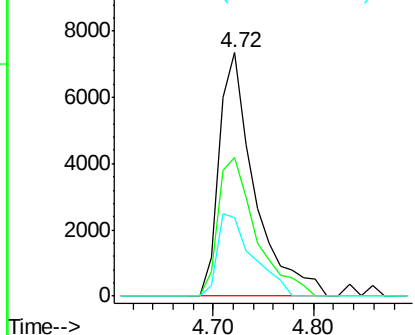
#5

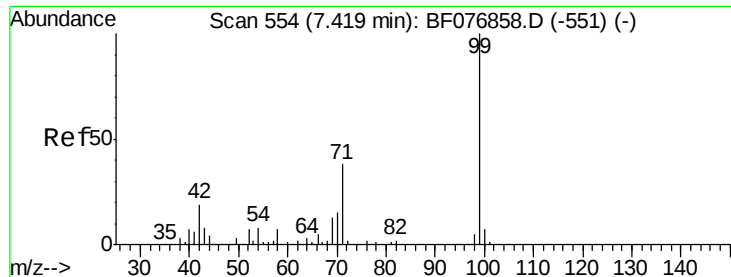
2-Fluorophenol
Concen: 13.15 ng
RT: 4.72 min Scan# 318
Delta R.T. 0.02 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:112 Resp: 17846
Ion Ratio Lower Upper
112 100
64 56.8 54.2 81.4
63 32.0 28.4 42.6



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: 12.70 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampled :

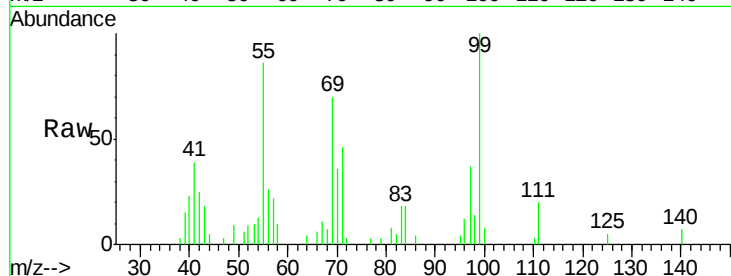
Tot Ion: 99 Resp: 21740

Ion Ratio Lower Upper

99 100

42 24.5 15.0 22.4#

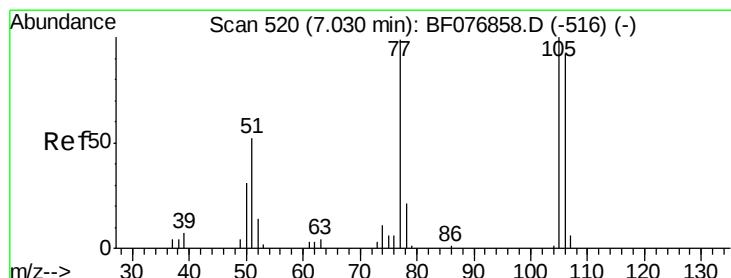
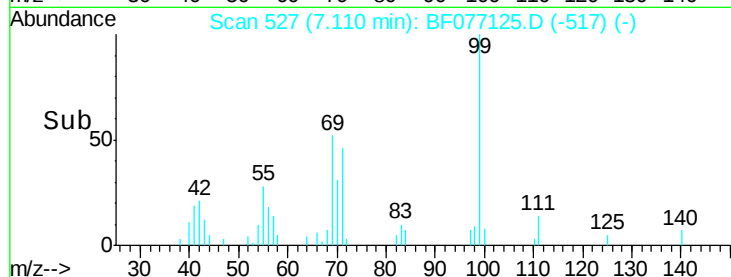
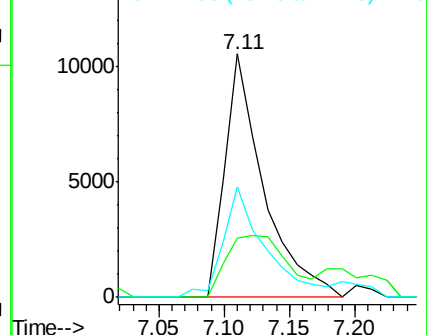
71 45.6 30.5 45.7



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



#9

Benzaldehyde

Concen: 6.18 ng

RT: 6.71 min Scan# 492

Delta R.T. 0.02 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

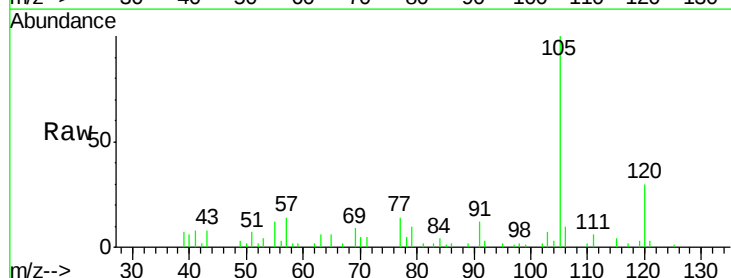
Tgt Ion: 77 Resp: 7463

Ion Ratio Lower Upper

77 100

105 717.3 81.4 121.4#

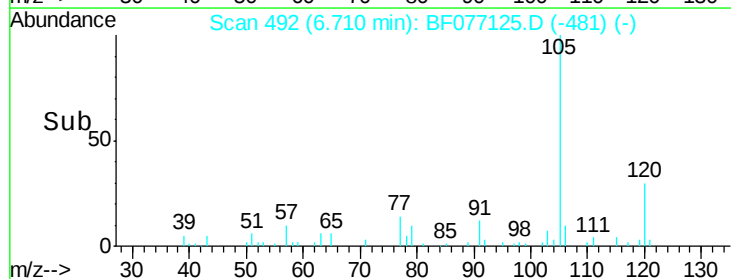
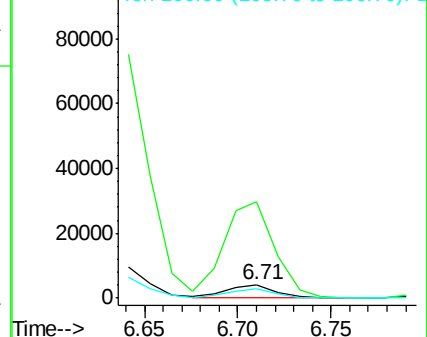
106 69.9 72.8 112.8#

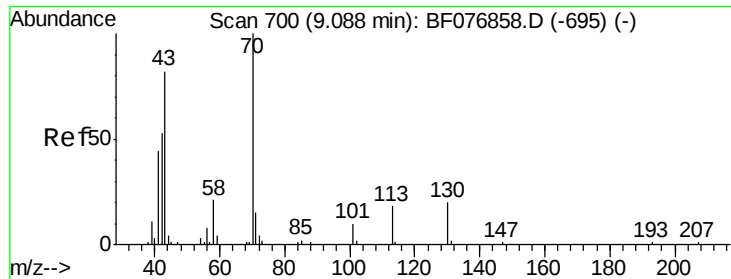


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 3.95 ng

RT: 8.78 min Scan# 673

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 4729

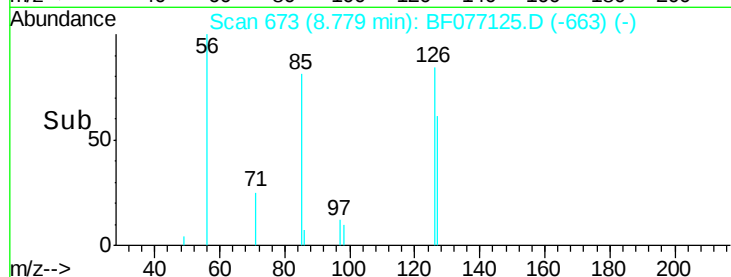
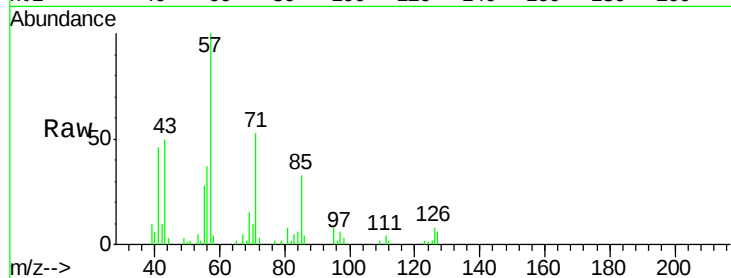
Ion Ratio Lower Upper

70 100

42 102.4 42.1 63.1#

101 0.0 7.8 11.8#

130 0.0 16.2 24.4#

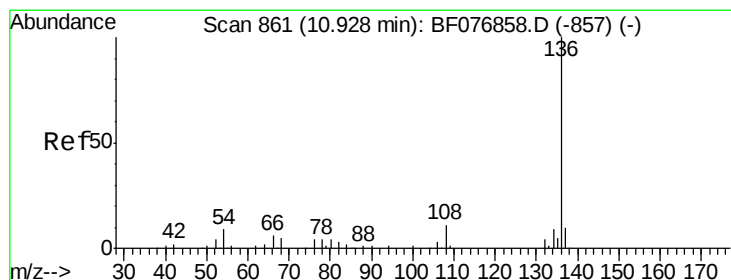
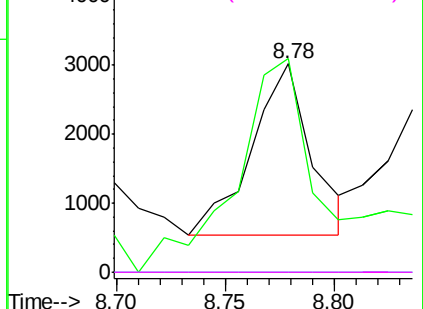


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.60 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Tgt Ion: 136 Resp: 95772

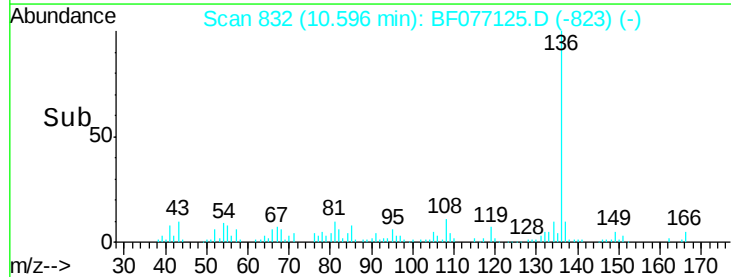
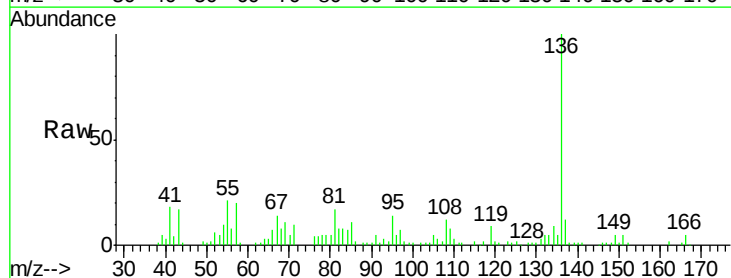
Ion Ratio Lower Upper

136 100

137 11.9 8.1 12.1

54 10.4 7.0 10.4

68 8.1 3.7 5.5#

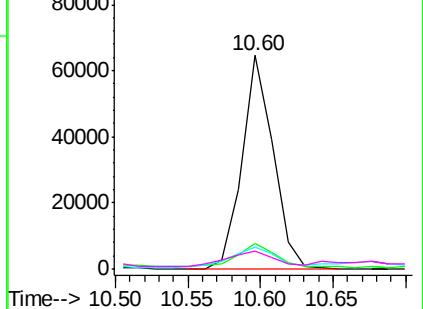


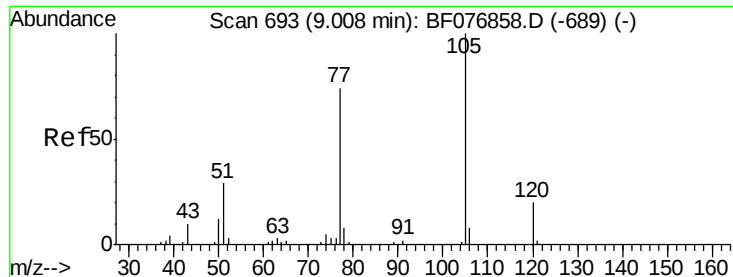
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 38.44 ng

RT: 8.64 min Scan# 661

Delta R.T. -0.05 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 105 Resp: 90163

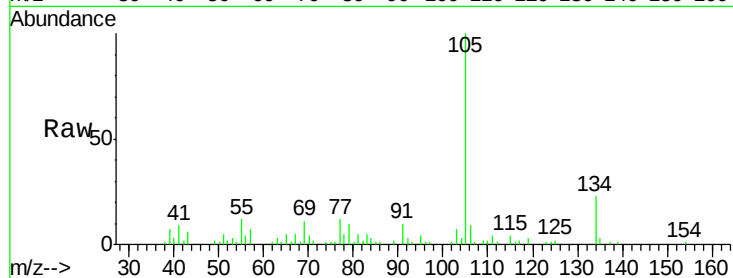
Ion Ratio Lower Upper

105 100

71 2.3 0.0 0.0#

51 5.4 23.3 34.9#

120 0.0 16.1 24.1#

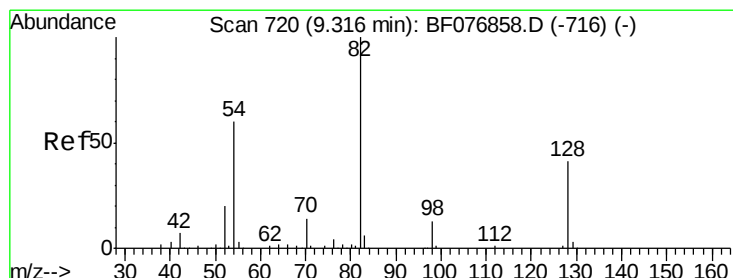
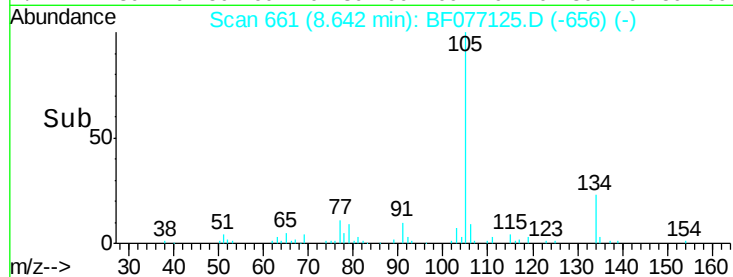
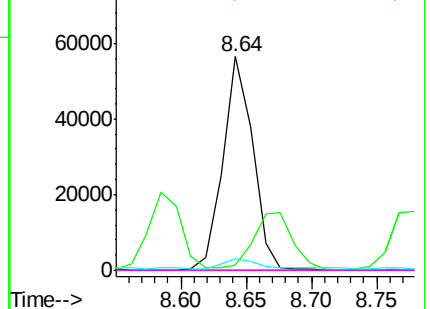


Abundance Ion 105.00 (104.70 to 105.70): E

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: 8.50 ng

RT: 9.00 min Scan# 692

Delta R.T. -0.00 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

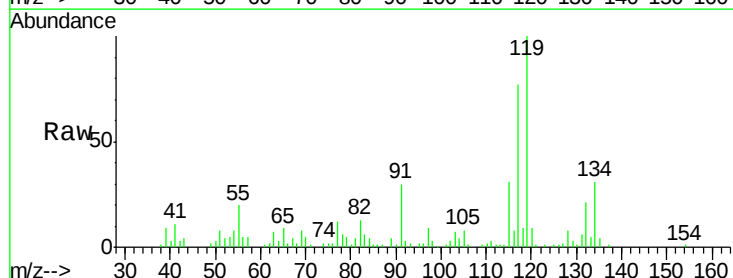
Tgt Ion: 82 Resp: 14687

Ion Ratio Lower Upper

82 100

128 61.2 33.1 49.7#

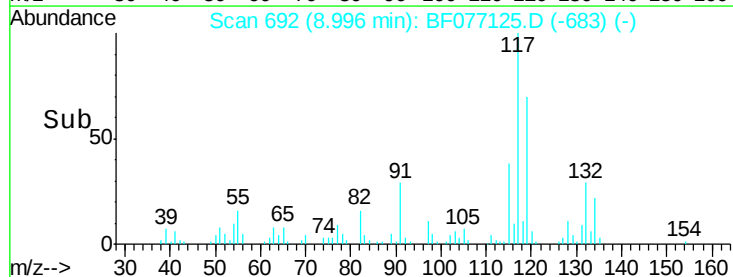
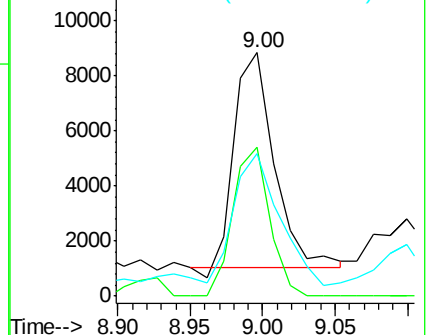
54 58.3 48.3 72.5

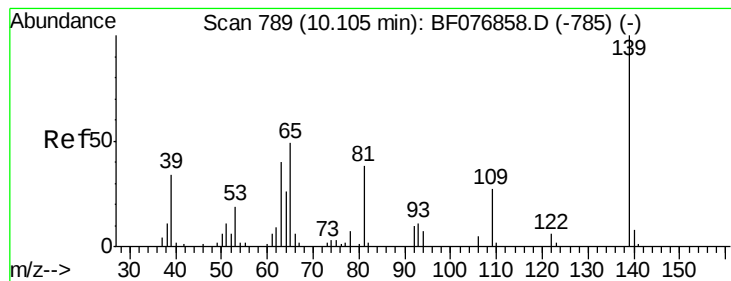


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

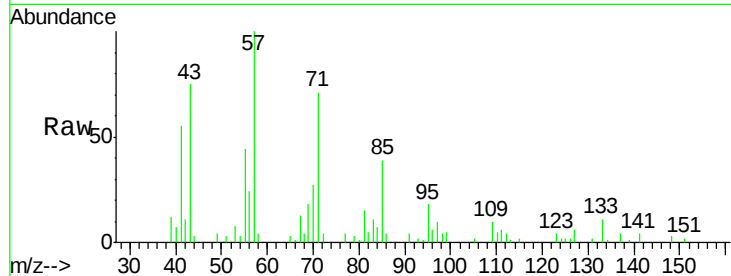




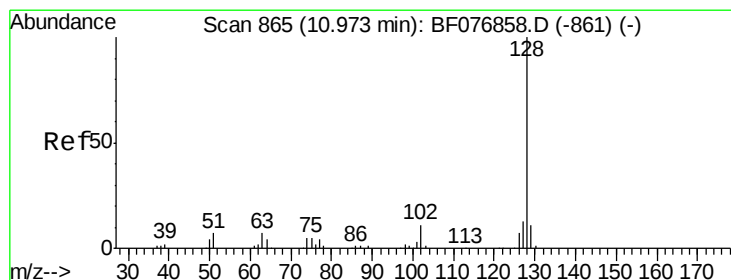
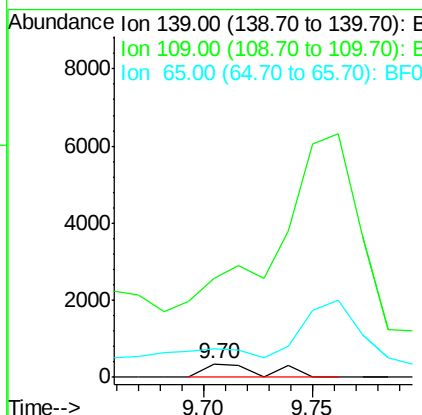
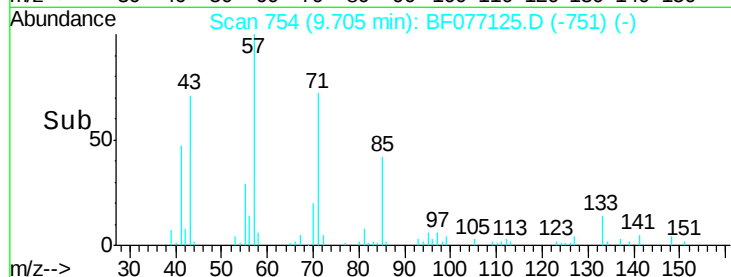
#26
2-Nitrophenol
Concen: 2.48 ng
RT: 9.70 min Scan# 754
Delta R.T. -0.07 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 671
Ion Ratio Lower Upper
139 100
109 720.1 21.3 31.9#
65 205.0 39.4 59.0#

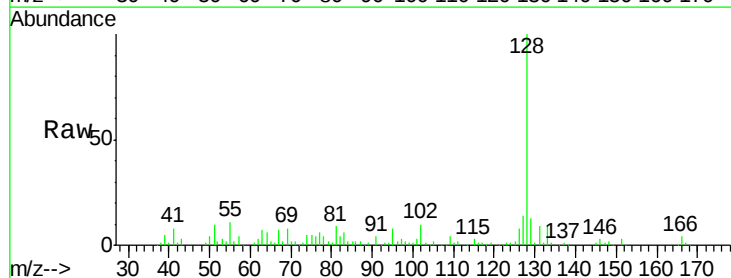


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

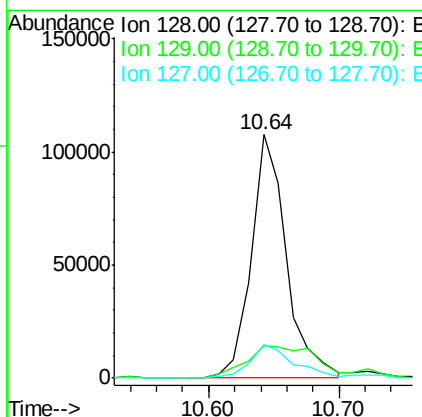
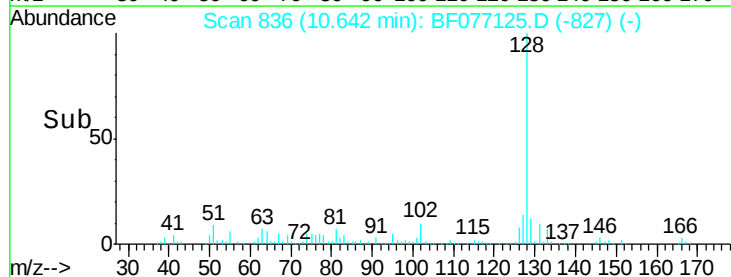


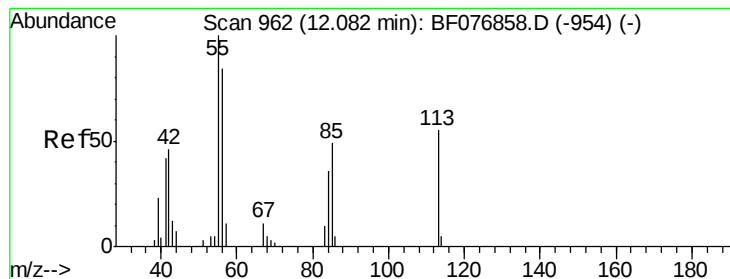
#31
Naphthalene
Concen: 41.19 ng
RT: 10.64 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:128 Resp: 203089
Ion Ratio Lower Upper
128 100
129 13.2 9.0 13.6
127 14.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#35

Caprolactam

Concen: 6.85 ng

RT: 11.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampled :

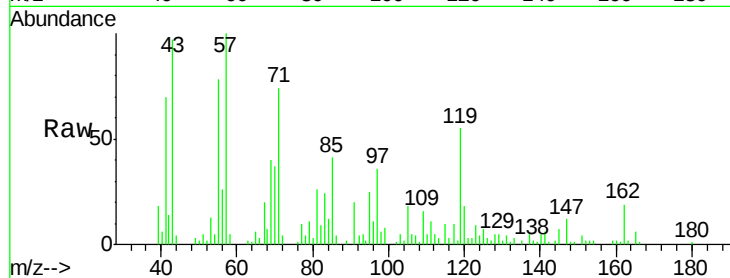
Tot Ion:113 Resp: 2558

Ion Ratio Lower Upper

113 100

55 2444.1 162.1 202.1#

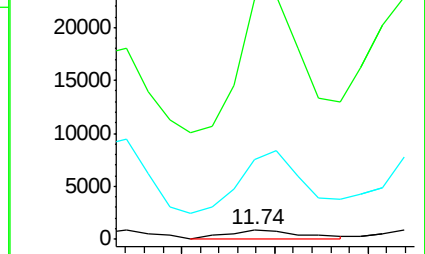
56 813.2 133.7 173.7#



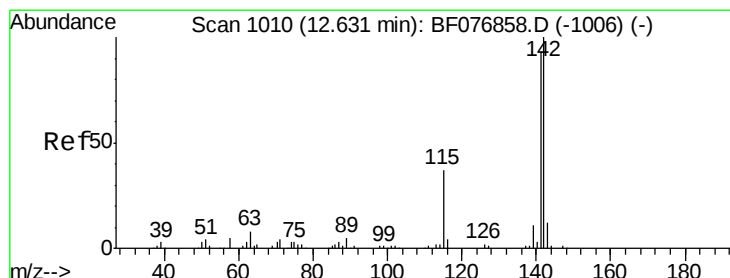
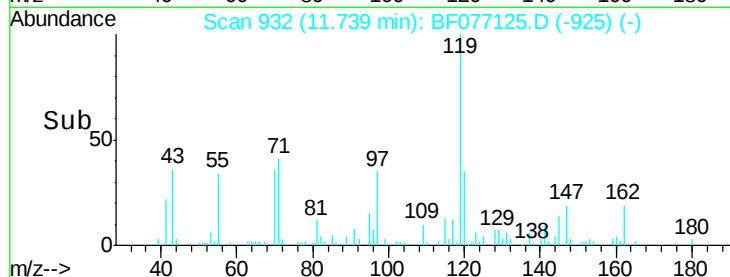
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#37

2-Methylnaphthalene

Concen: 157.96 ng

RT: 12.31 min Scan# 982

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

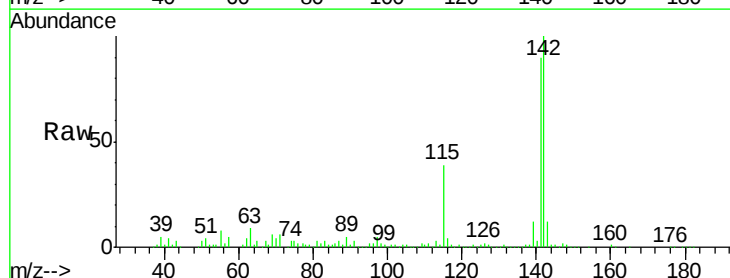
Tgt Ion:142 Resp: 531888

Ion Ratio Lower Upper

142 100

141 90.2 74.5 111.7

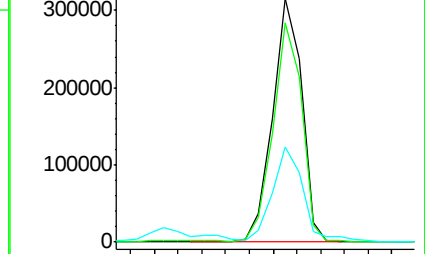
115 39.3 29.7 44.5



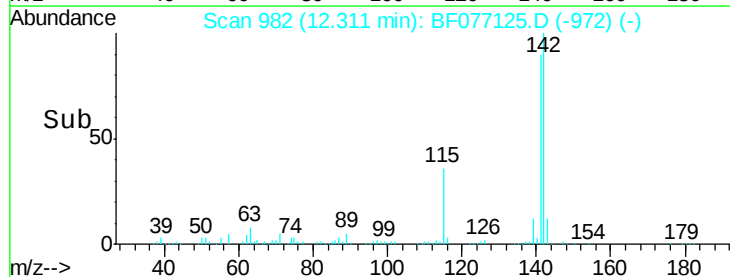
Abundance Ion 142.00 (141.70 to 142.70): E

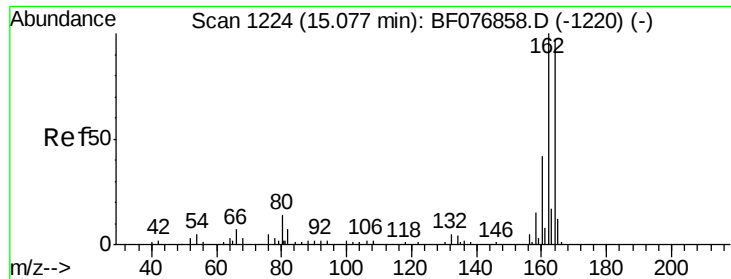
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

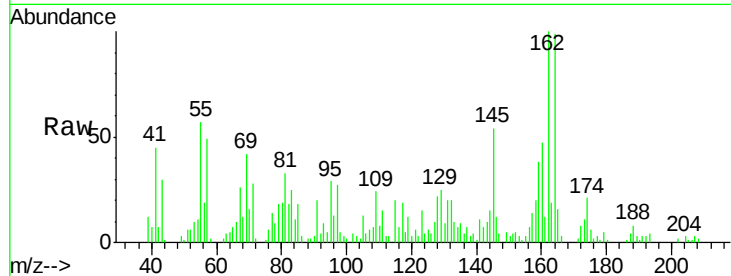
Instrument :

BNA_F

ClientSampled :

Tot Ion:164 Resp: 52351

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.4	123.6
160	47.5	34.8	52.2

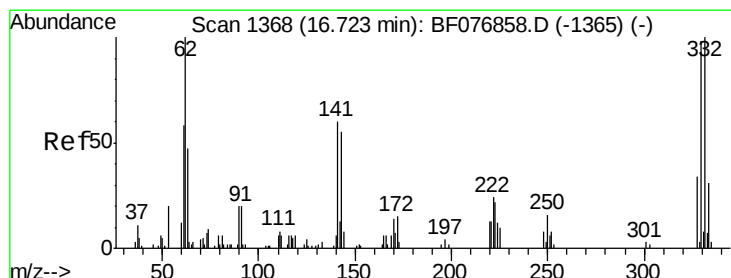
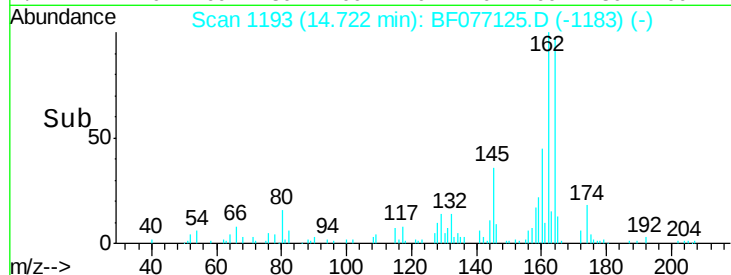
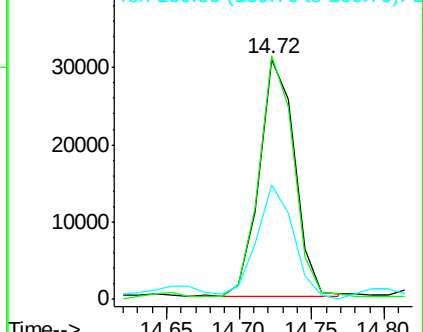


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 12.22 ng

RT: 16.46 min Scan# 1345

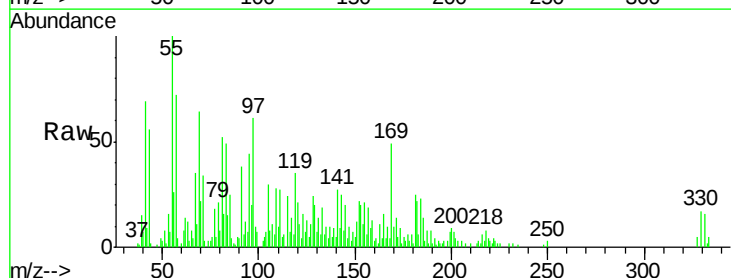
Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Tgt Ion:330 Resp: 5194

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.8	116.6
141	0.0	38.5	57.7#

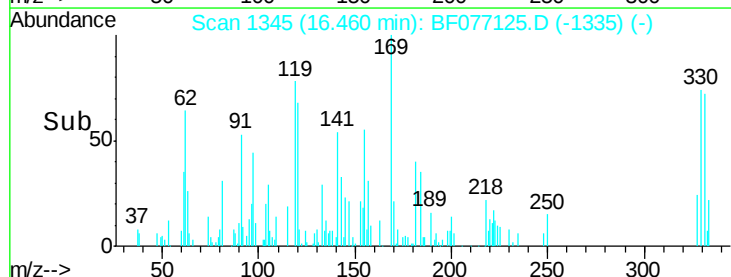
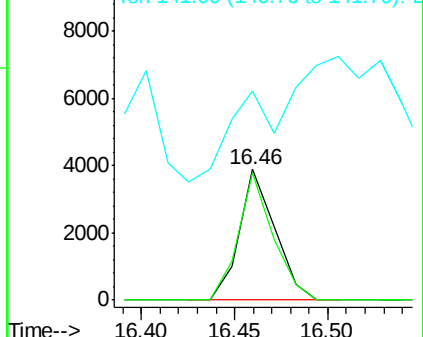


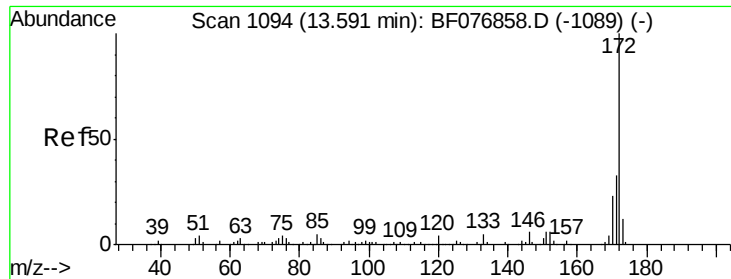
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

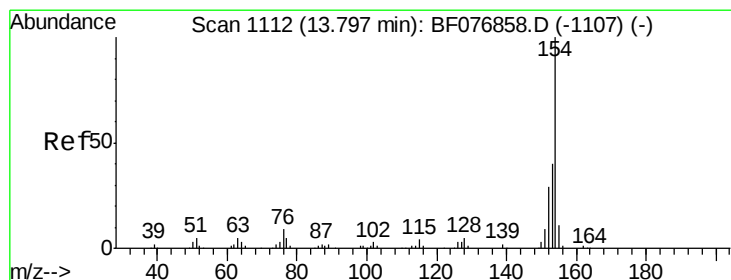
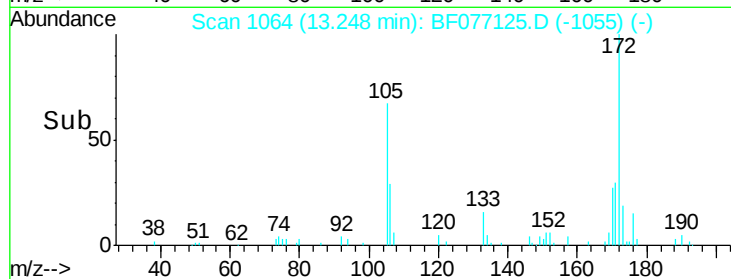
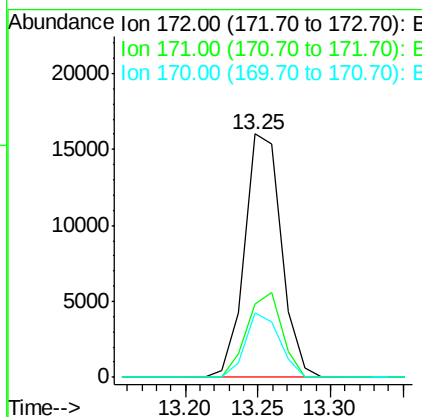
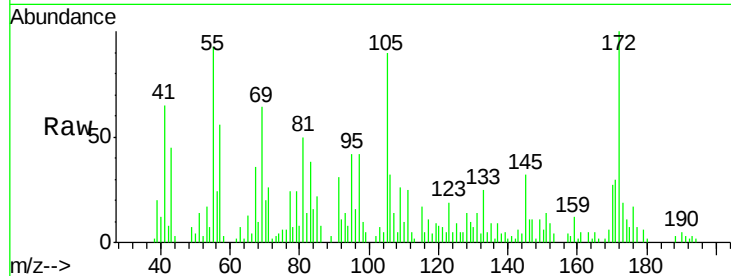




#44
2-Fluorobiphenyl
Concen: 8.20 ng
RT: 13.25 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

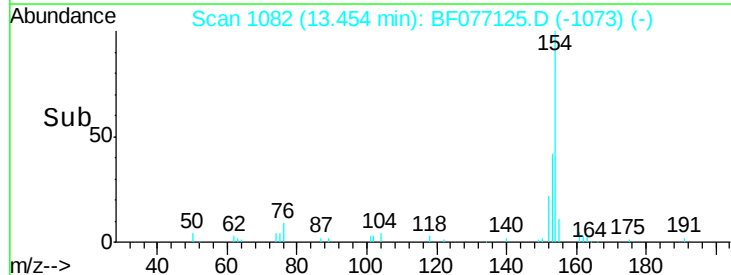
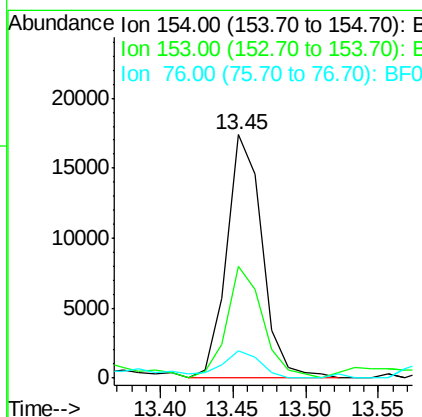
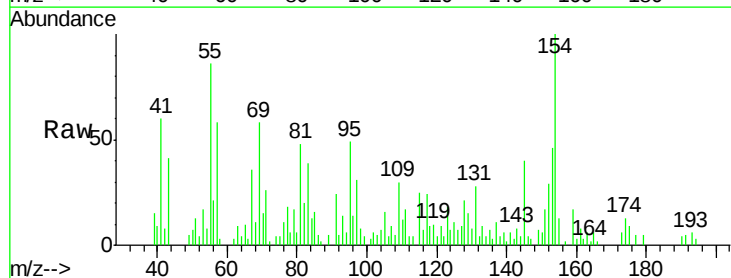
Instrument :
BNA_F
ClientSampleId :

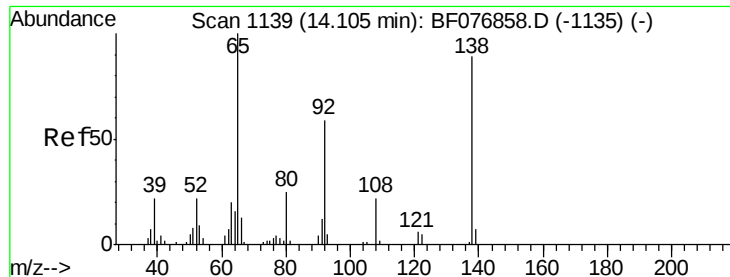
Tot Ion:172 Resp: 28195
Ion Ratio Lower Upper
172 100
171 30.2 26.6 40.0
170 26.6 18.0 27.0



#45
1,1'-Biphenyl
Concen: 7.63 ng
RT: 13.45 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:154 Resp: 29598
Ion Ratio Lower Upper
154 100
153 46.0 20.2 60.2
76 11.5 0.0 29.0





#47

2-Nitroaniline

Concen: 9.59 ng

RT: 13.83 min Scan# 1115

Delta R.T. 0.06 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

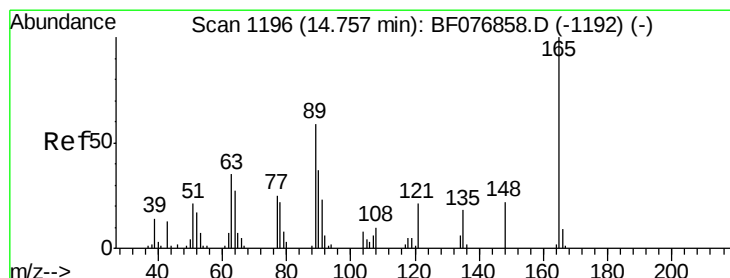
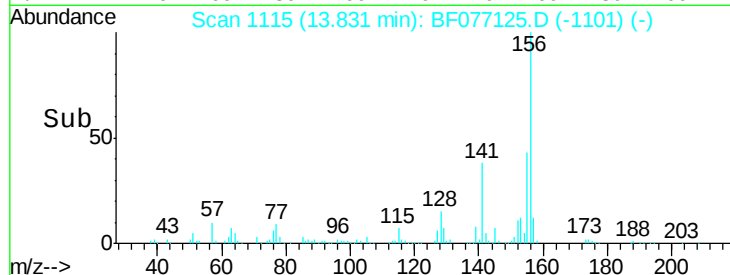
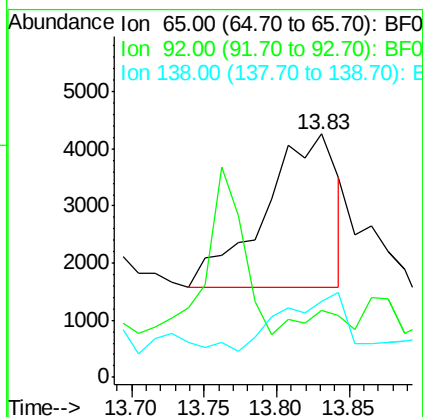
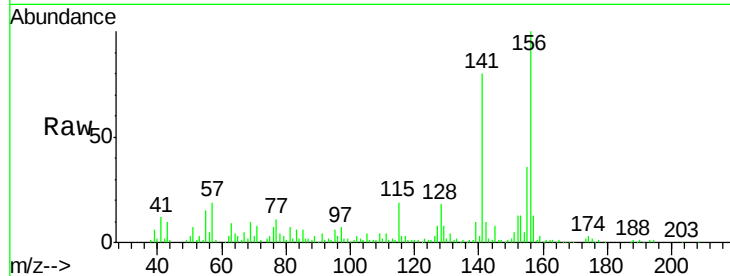
Tot Ion: 65 Resp: 9287

Ion Ratio Lower Upper

65 100

92 27.3 47.3 70.9#

138 31.2 71.4 107.2#



#50

2,6-Dinitrotoluene

Concen: 3.97 ng

RT: 14.45 min Scan# 1169

Delta R.T. 0.02 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

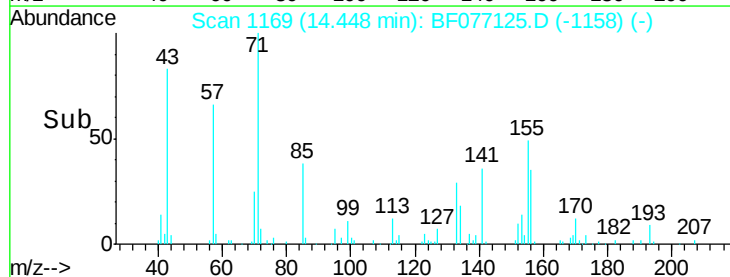
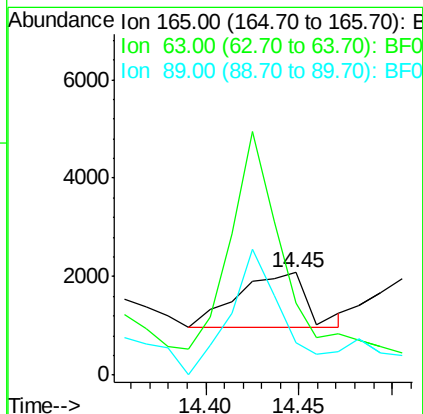
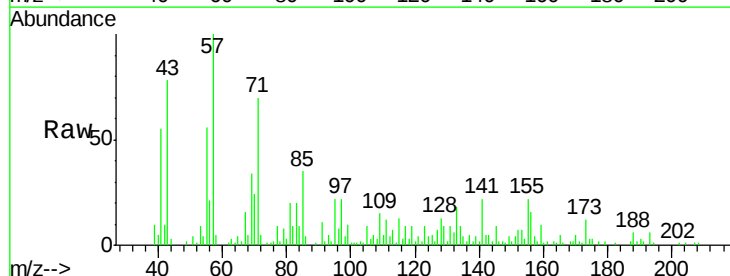
Tgt Ion: 165 Resp: 2946

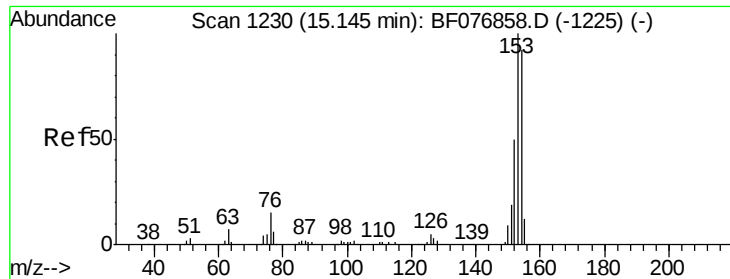
Ion Ratio Lower Upper

165 100

63 71.0 48.1 72.1

89 31.6 47.2 70.8#





#51

Acenaphthene

Concen: 7.88 ng

RT: 14.80 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

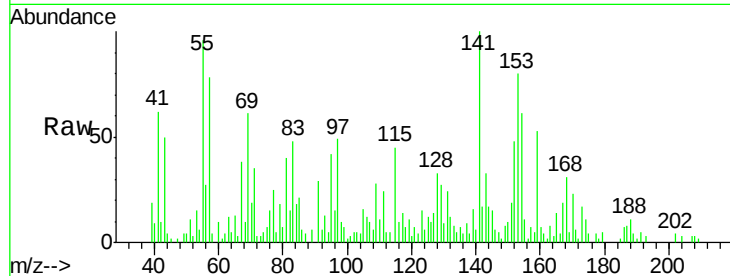
Tot Ion:154 Resp: 24084

Ion Ratio Lower Upper

154 100

153 130.3 87.0 130.6

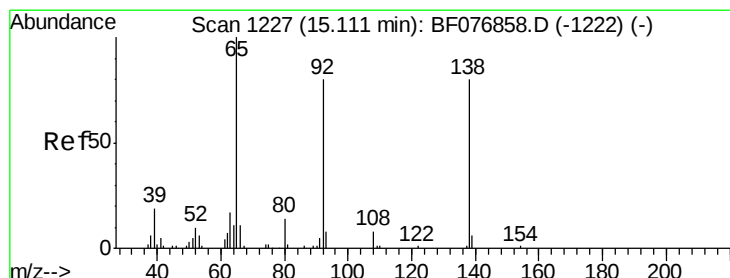
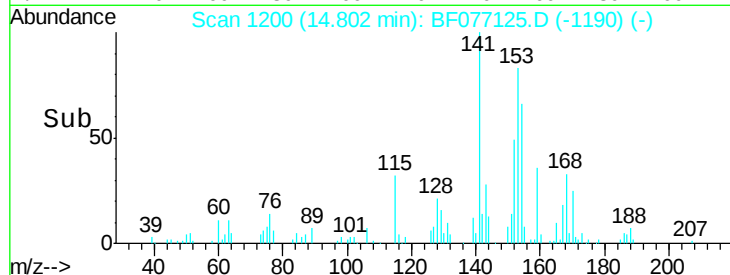
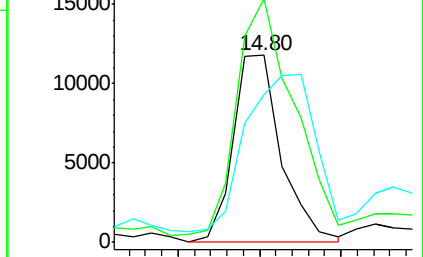
152 79.2 43.5 65.3#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.52 ng

RT: 14.81 min Scan# 1201

Delta R.T. 0.05 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

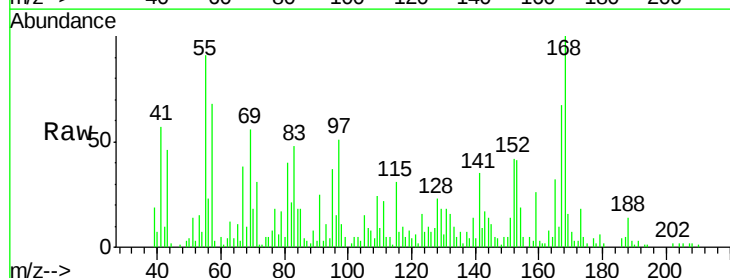
Tgt Ion:138 Resp: 702

Ion Ratio Lower Upper

138 100

108 93.9 8.3 12.5#

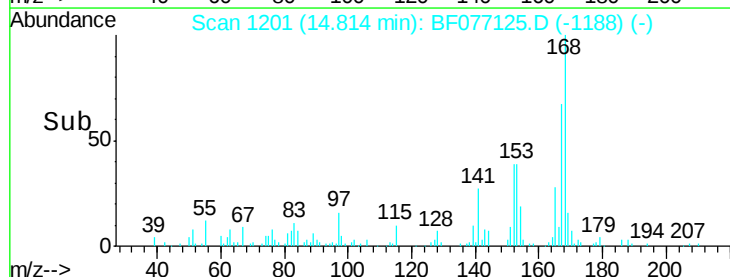
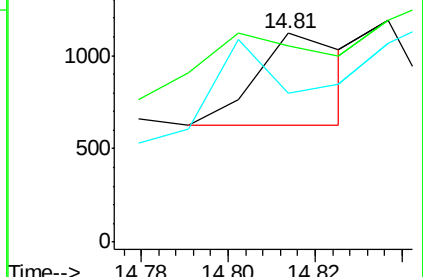
92 71.0 80.9 121.3#

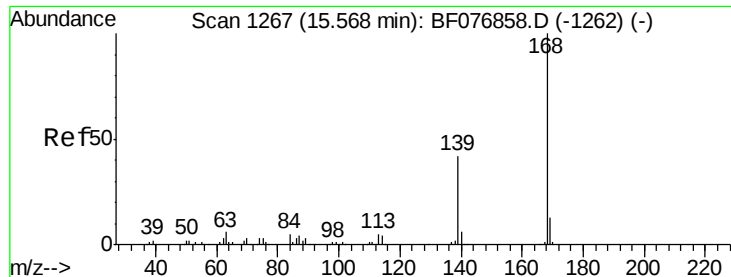


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 4.61 ng

RT: 15.23 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

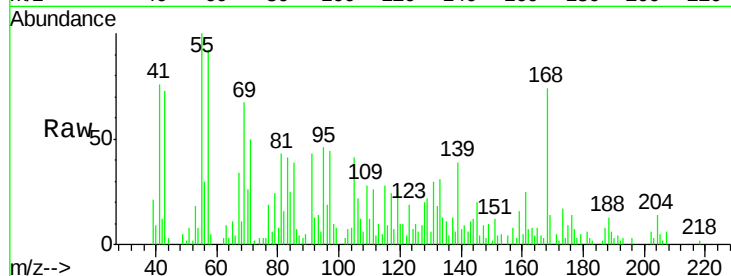
Tot Ion:168 Resp: 20537

Ion Ratio Lower Upper

168 100

139 52.1 33.4 50.2#

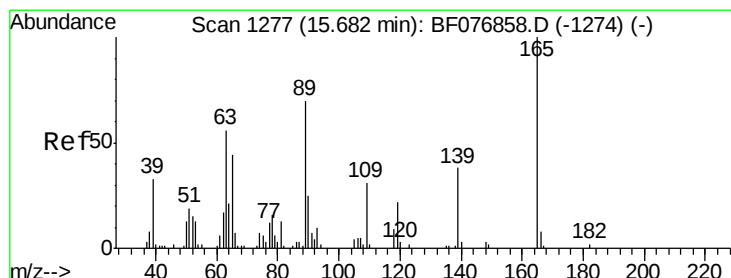
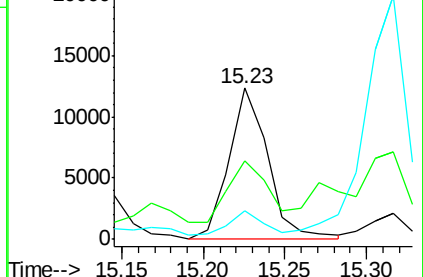
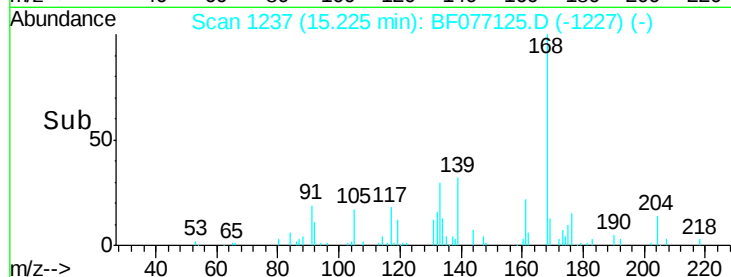
169 19.0 10.6 15.8#



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: 20.72 ng

RT: 15.40 min Scan# 1252

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

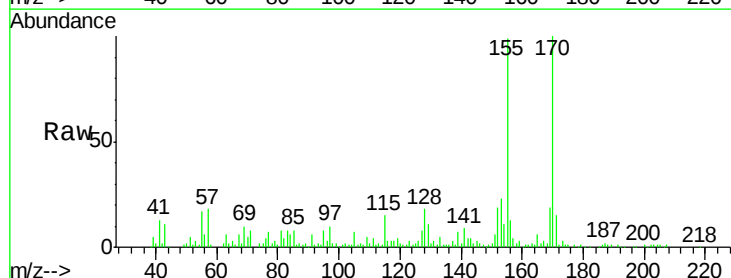
Tgt Ion:139 Resp: 12058

Ion Ratio Lower Upper

139 100

109 68.0 61.0 101.0

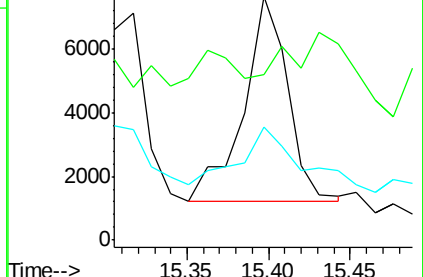
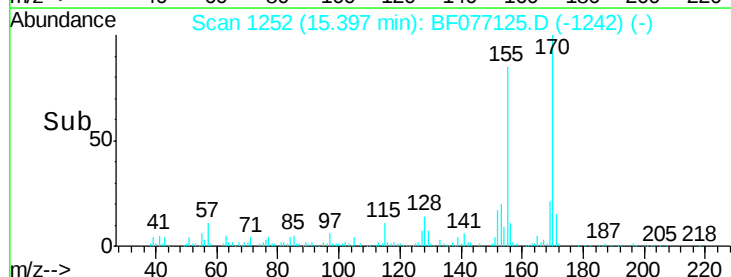
65 46.4 96.6 136.6#

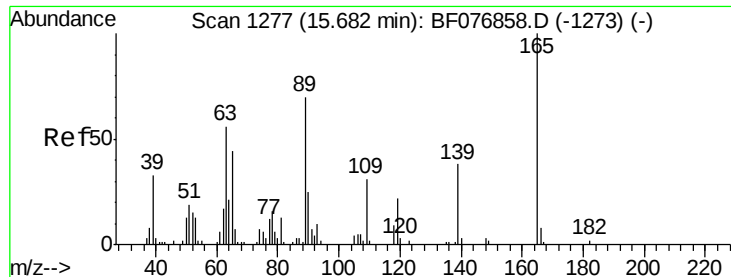


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

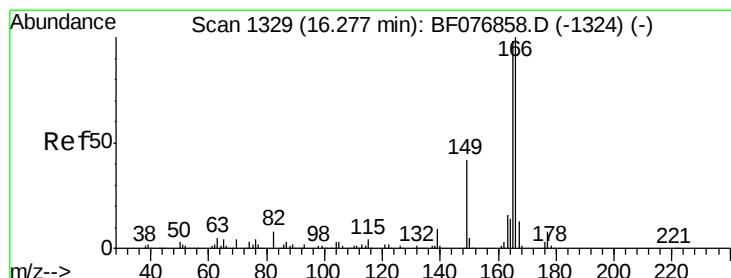
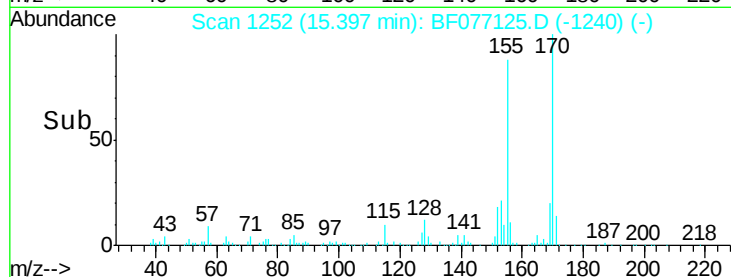
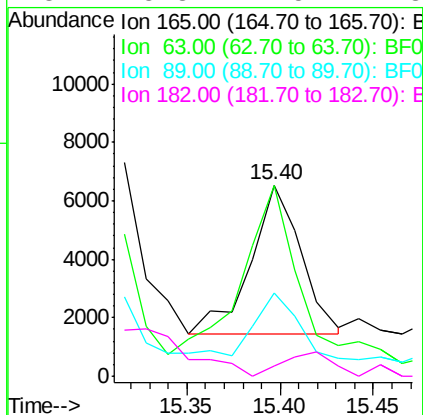
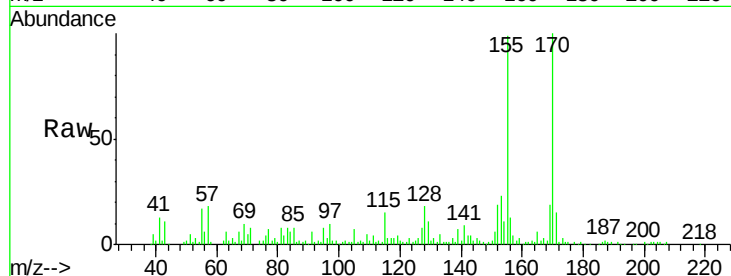




#56
2,4-Dinitrotoluene
Concen: 10.29 ng
RT: 15.40 min Scan# 1252
Delta R.T. 0.03 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

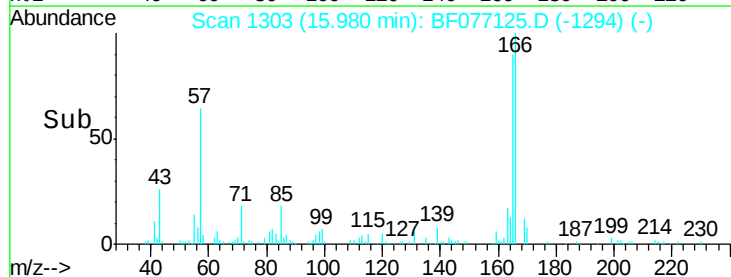
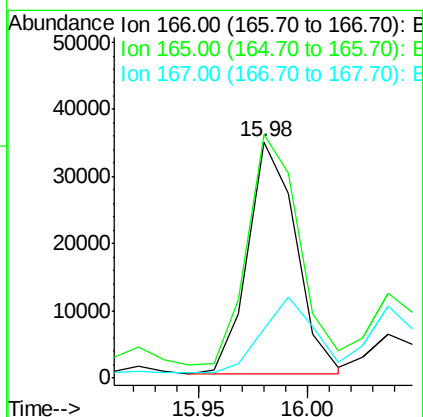
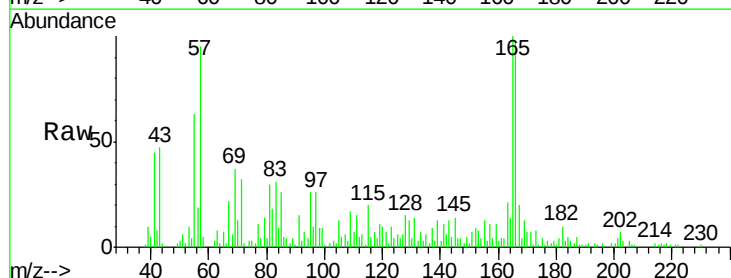
Instrument :
BNA_F
ClientSampleId :

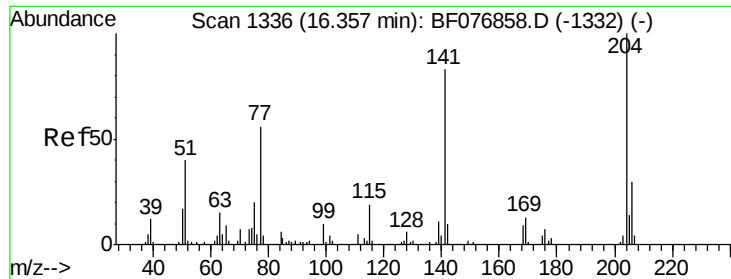
Tot Ion:165 Resp: 9518
Ion Ratio Lower Upper
165 100
63 99.6 44.8 67.2#
89 43.5 56.2 84.2#
182 5.3 1.5 2.3#



#57
Fluorene
Concen: 14.09 ng
RT: 15.98 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:166 Resp: 53150
Ion Ratio Lower Upper
166 100
165 102.9 78.5 117.7
167 20.5 10.4 15.6#

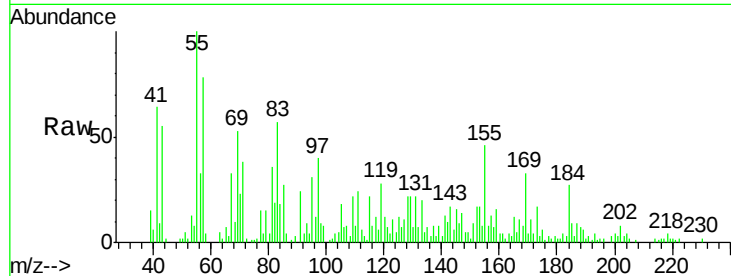




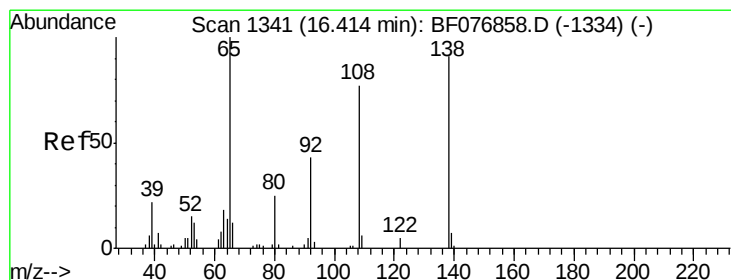
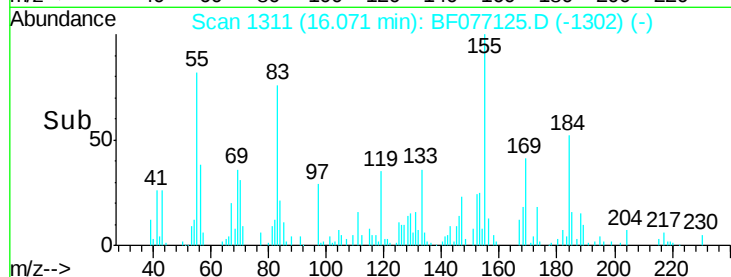
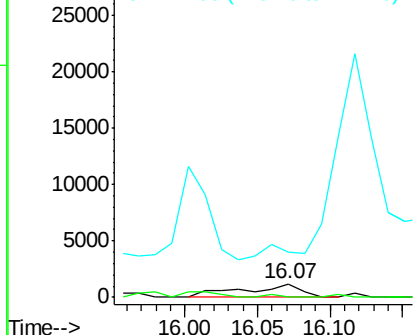
#60
4-Chlorophenyl-phenylether
Concen: 2.13 ng
RT: 16.07 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 3288
Ion Ratio Lower Upper
204 100
206 0.0 24.2 36.2#
141 336.1 66.7 100.1#

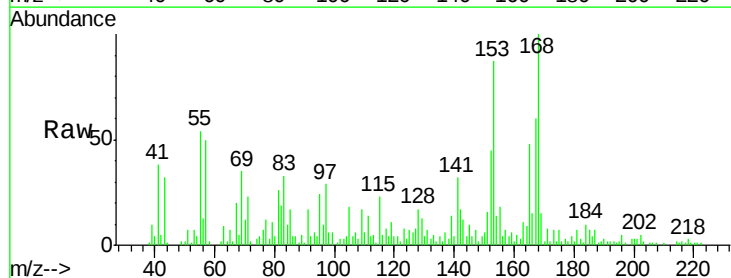


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

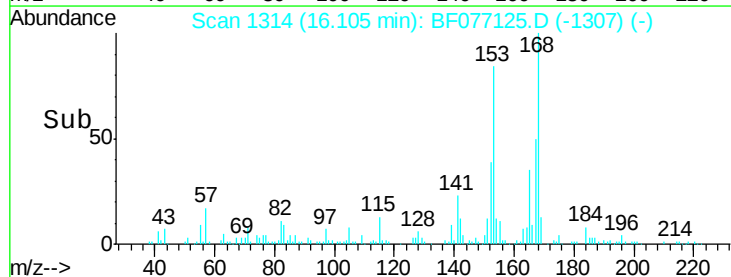
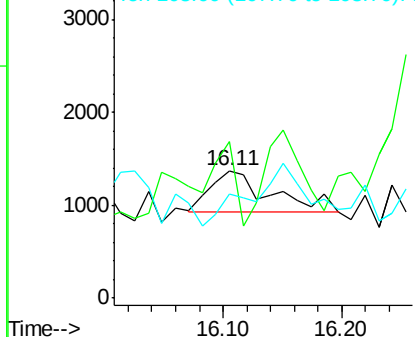


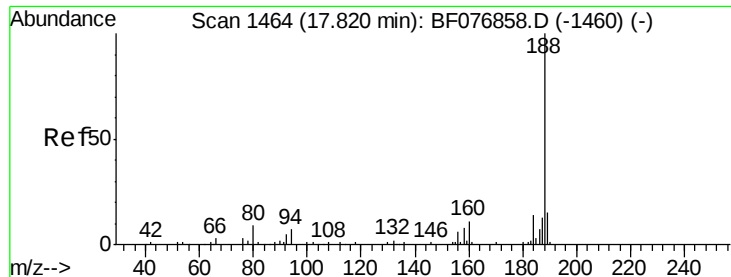
#61
4-Nitroaniline
Concen: 2.99 ng
RT: 16.11 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:138 Resp: 1507
Ion Ratio Lower Upper
138 100
92 123.2 26.7 66.7#
108 82.1 64.5 104.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

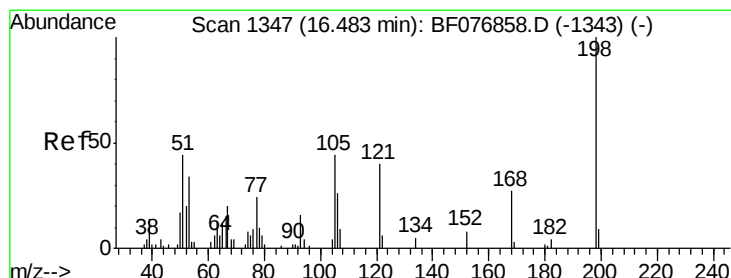
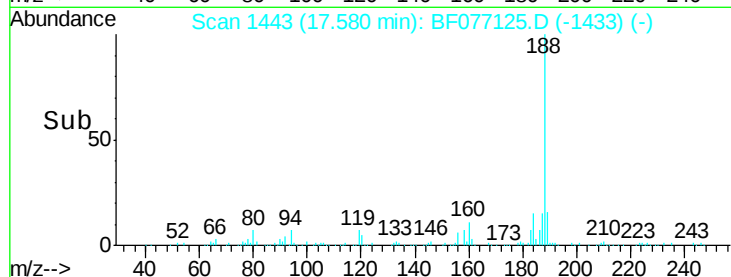
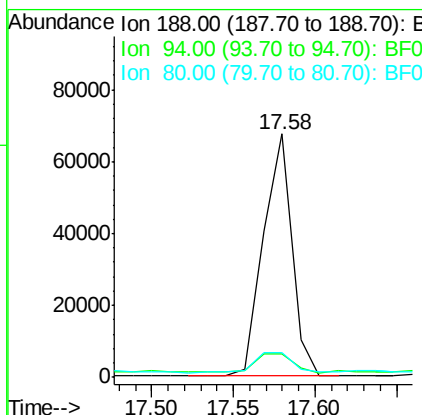
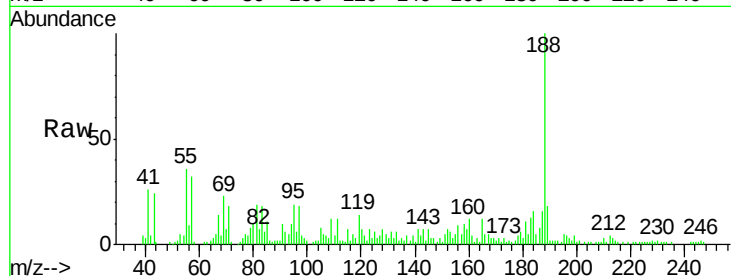




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

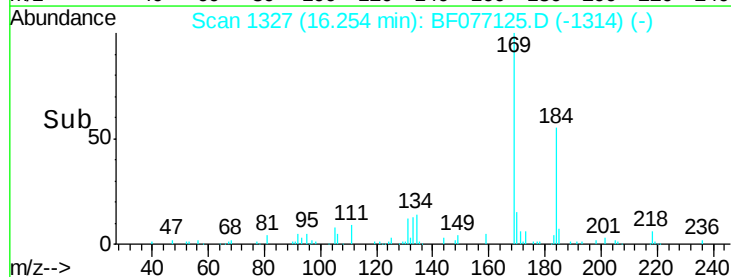
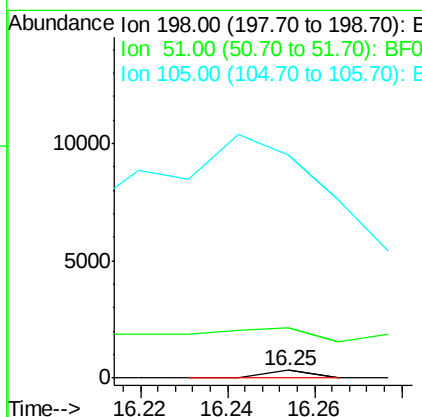
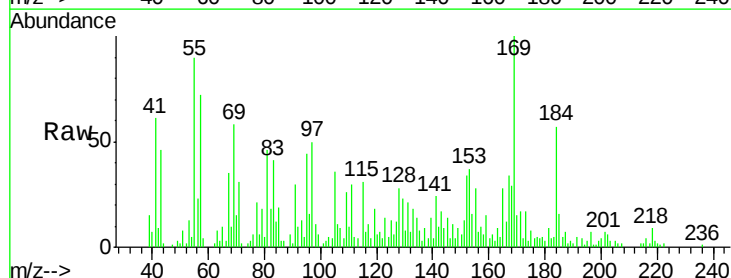
Instrument :
BNA_F
ClientSampleId :

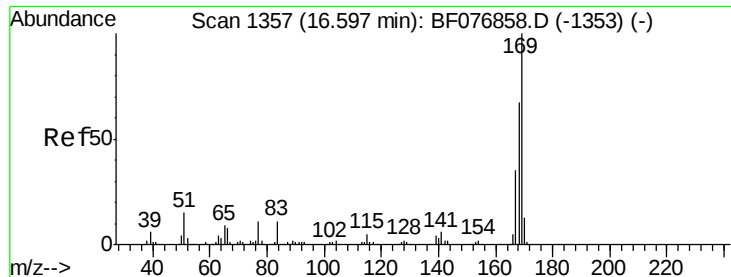
Tot Ion:188 Resp: 82529
Ion Ratio Lower Upper
188 100
94 9.6 6.0 9.0#
80 10.0 6.9 10.3



#64
4,6-Dinitro-2-methylphenol
Concen: 3.69 ng
RT: 16.25 min Scan# 1327
Delta R.T. 0.05 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:198 Resp: 221
Ion Ratio Lower Upper
198 100
51 671.2 24.2 64.2#
105 2949.5 24.0 64.0#





#65

n-Nitrosodiphenylamine

Concen: 20.30 ng

RT: 16.30 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

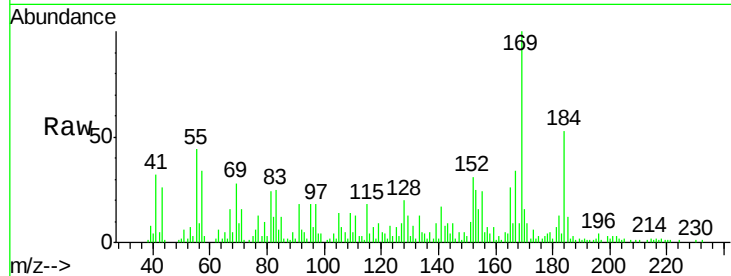
Tot Ion:169 Resp: 59733

Ion Ratio Lower Upper

169 100

168 9.1 53.8 80.6#

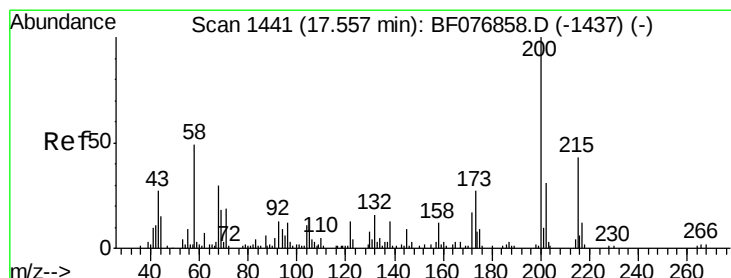
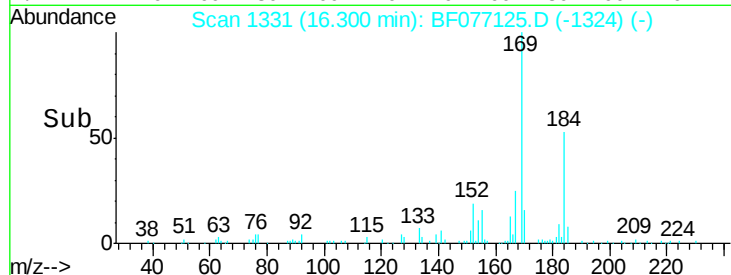
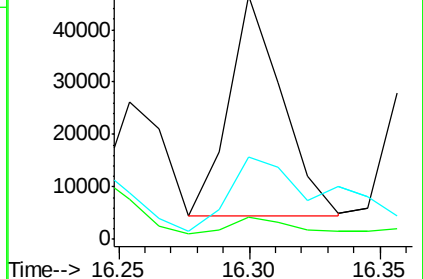
167 33.8 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68

Atrazine

Concen: 5.60 ng

RT: 17.35 min Scan# 1423

Delta R.T. 0.02 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

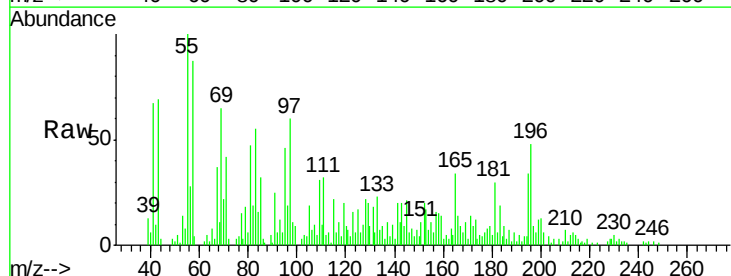
Tgt Ion:200 Resp: 5001

Ion Ratio Lower Upper

200 100

173 93.3 6.6 46.6#

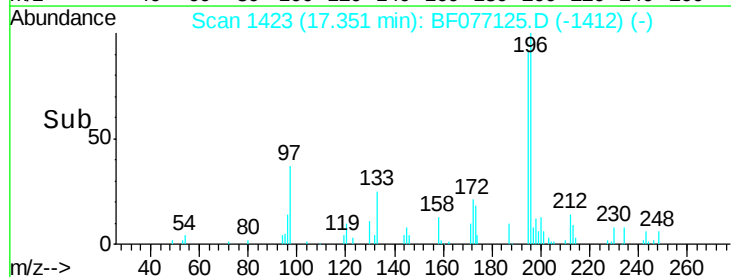
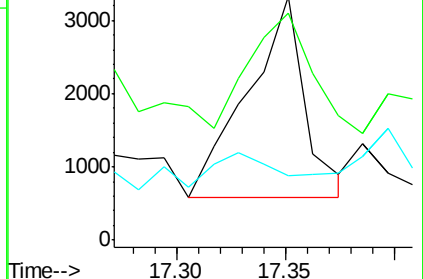
215 26.7 22.9 62.9

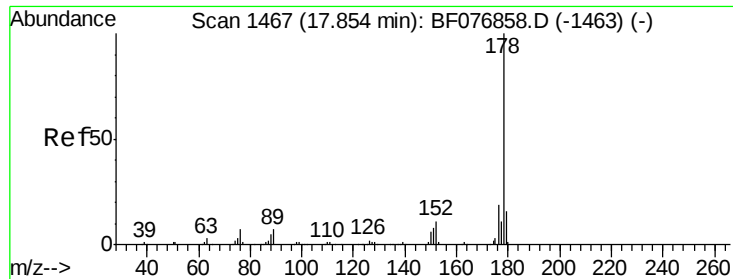


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

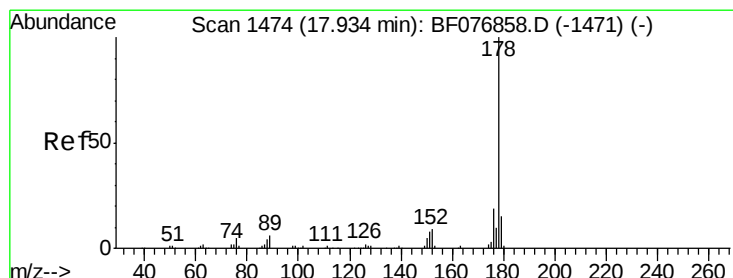
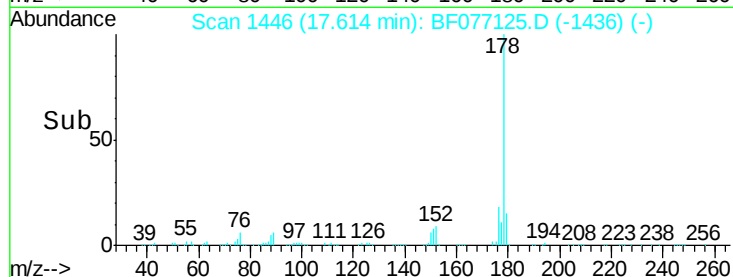
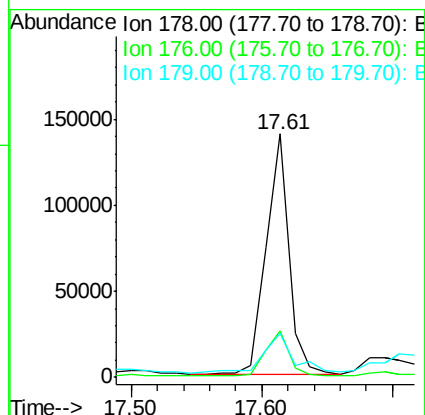
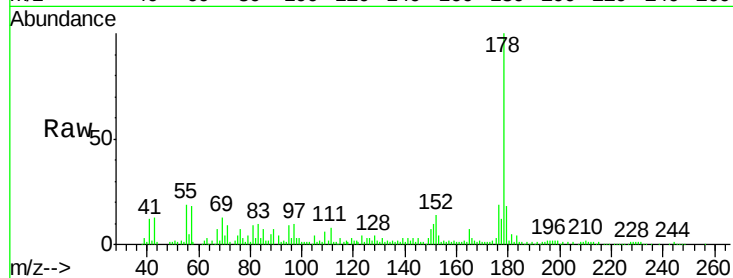




#70
Phenanthrene
Concen: 33.54 ng
RT: 17.61 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

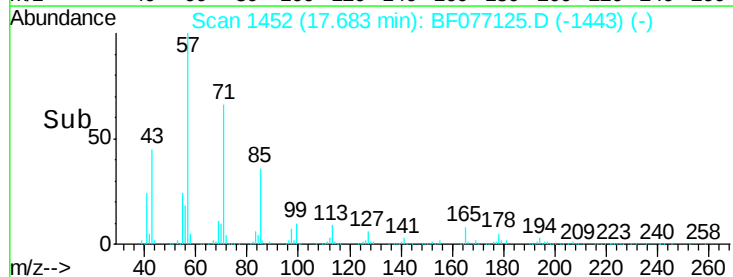
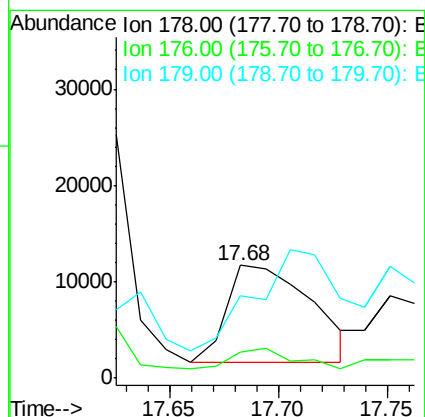
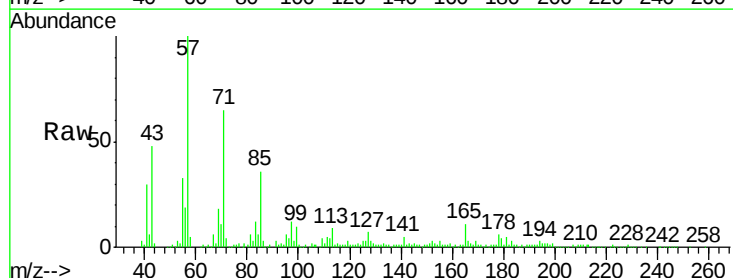
Instrument :
BNA_F
ClientSampleId :

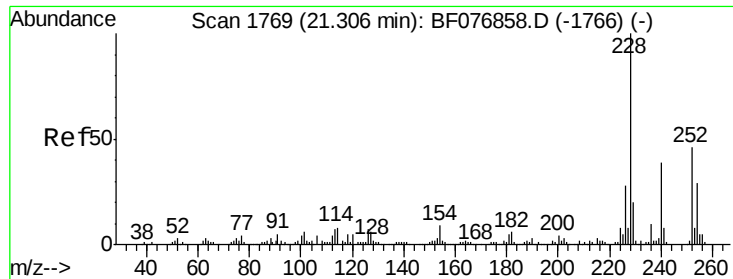
Tot Ion:178 Resp: 172621
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 18.0 12.7 19.1



#71
Anthracene
Concen: 5.48 ng
RT: 17.68 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BF077125.D
Acq: 29 Jan 2015 15:30

Tgt Ion:178 Resp: 27517
Ion Ratio Lower Upper
178 100
176 22.6 15.4 23.0
179 72.8 11.9 17.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1749

Delta R.T. -0.00 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

Instrument :

BNA_F

ClientSampleId :

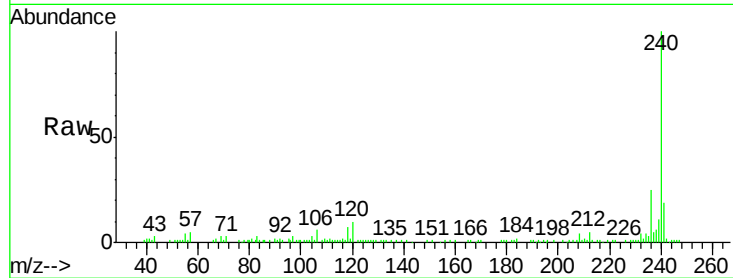
Tot Ion:240 Resp: 84674

Ion Ratio Lower Upper

240 100

120 10.5 10.4 15.6

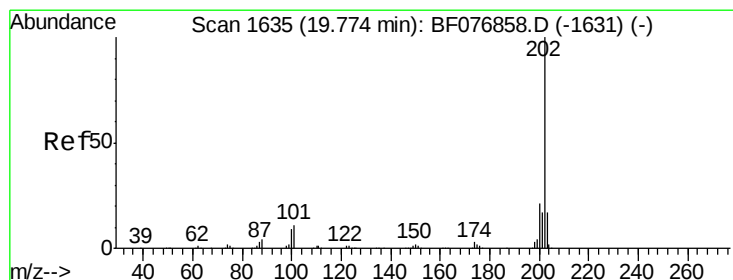
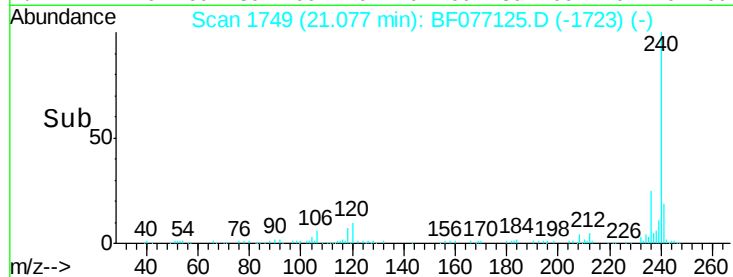
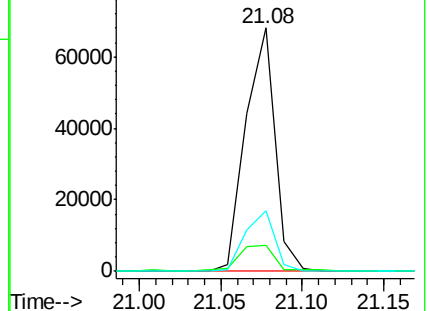
236 25.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.50 ng

RT: 19.55 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF077125.D

Acq: 29 Jan 2015 15:30

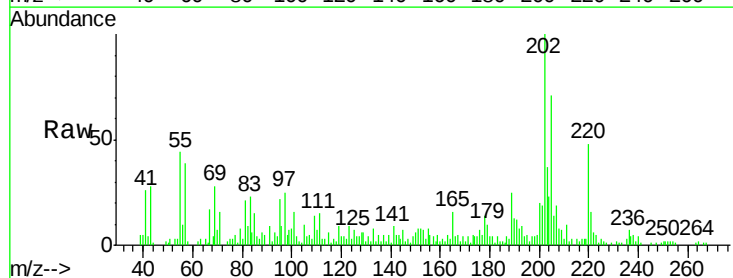
Tgt Ion:202 Resp: 37692

Ion Ratio Lower Upper

202 100

200 19.9 16.7 25.1

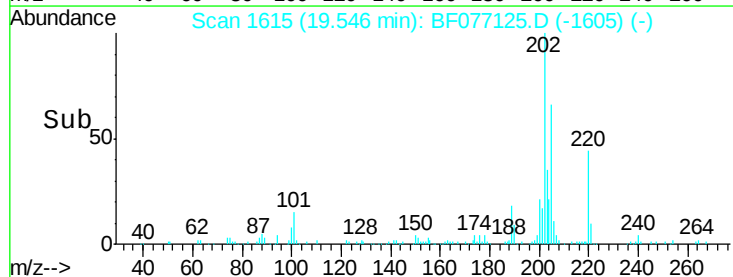
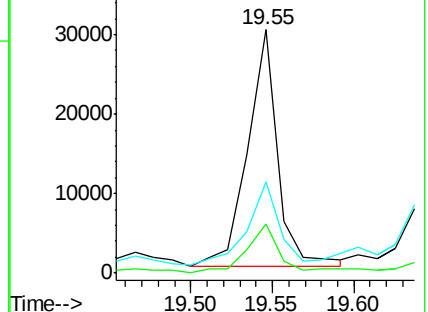
203 37.4 14.0 21.0#

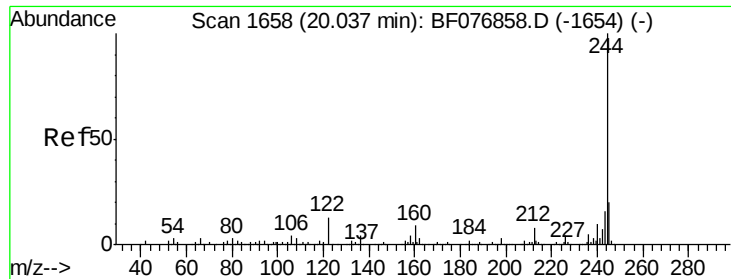


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

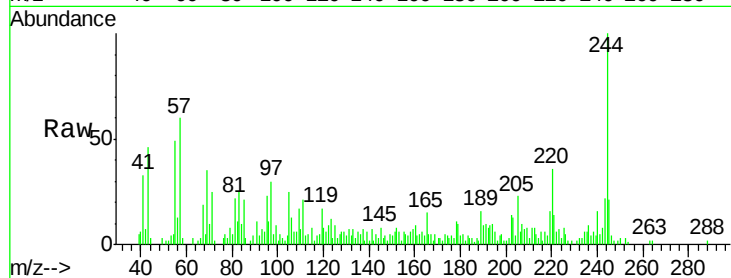




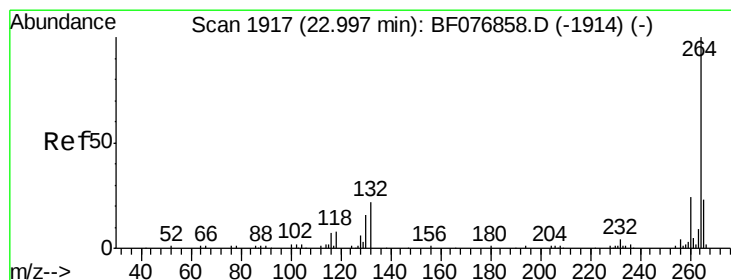
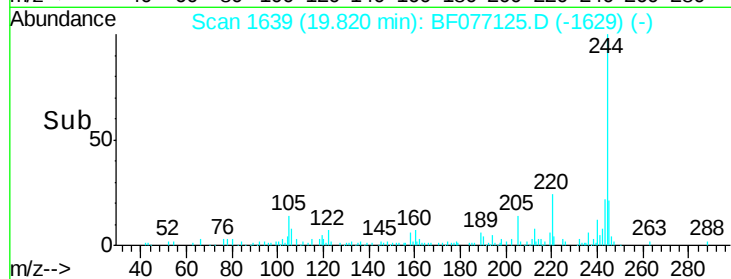
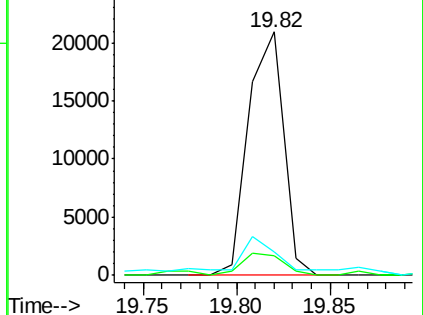
#78
 Terphenyl-d14
 Concen: 7.47 ng
 RT: 19.82 min Scan# 1639
 Delta R.T. 0.01 min
 Lab File: BF077125.D
 Acq: 29 Jan 2015 15:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 27486
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.5 10.1 15.1#

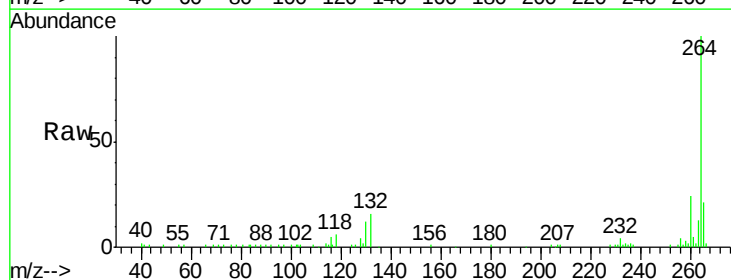


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1896
 Delta R.T. 0.03 min
 Lab File: BF077125.D
 Acq: 29 Jan 2015 15:30

Tgt Ion:264 Resp: 83459
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.5 18.1 27.1



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

