

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075568.D
 Acq On : 16 Nov 2014 4:00
 Operator : TP / JJ
 Sample : F4695-06
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

Quant Time: Nov 16 06:16:46 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 18:46:55 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	51062	20.00	ng	-0.02
21) Naphthalene-d8	9.14	136	201585	20.00	ng	-0.01
38) Acenaphthene-d10	11.33	164	98963	20.00	ng	-0.01
63) Phenanthrene-d10	13.18	188	170738	20.00	ng	-0.01
75) Chrysene-d12	16.47	240	201693	20.00	ng	-0.07
86) Perylene-d12	18.23	264	179081	20.00	ng	-0.21

System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	317113	109.71	ng	0.00
7) Phenol-d6	7.11	99	384778	110.70	ng	0.00
23) Nitrobenzene-d5	8.25	82	223612	81.33	ng	-0.01
41) 2,4,6-Tribromophenol	12.31	330	78397	94.58	ng	-0.01
44) 2-Fluorobiphenyl	10.48	172	372181	67.96	ng	-0.01
78) Terphenyl-d14	15.17	244	391520	52.26	ng	-0.02

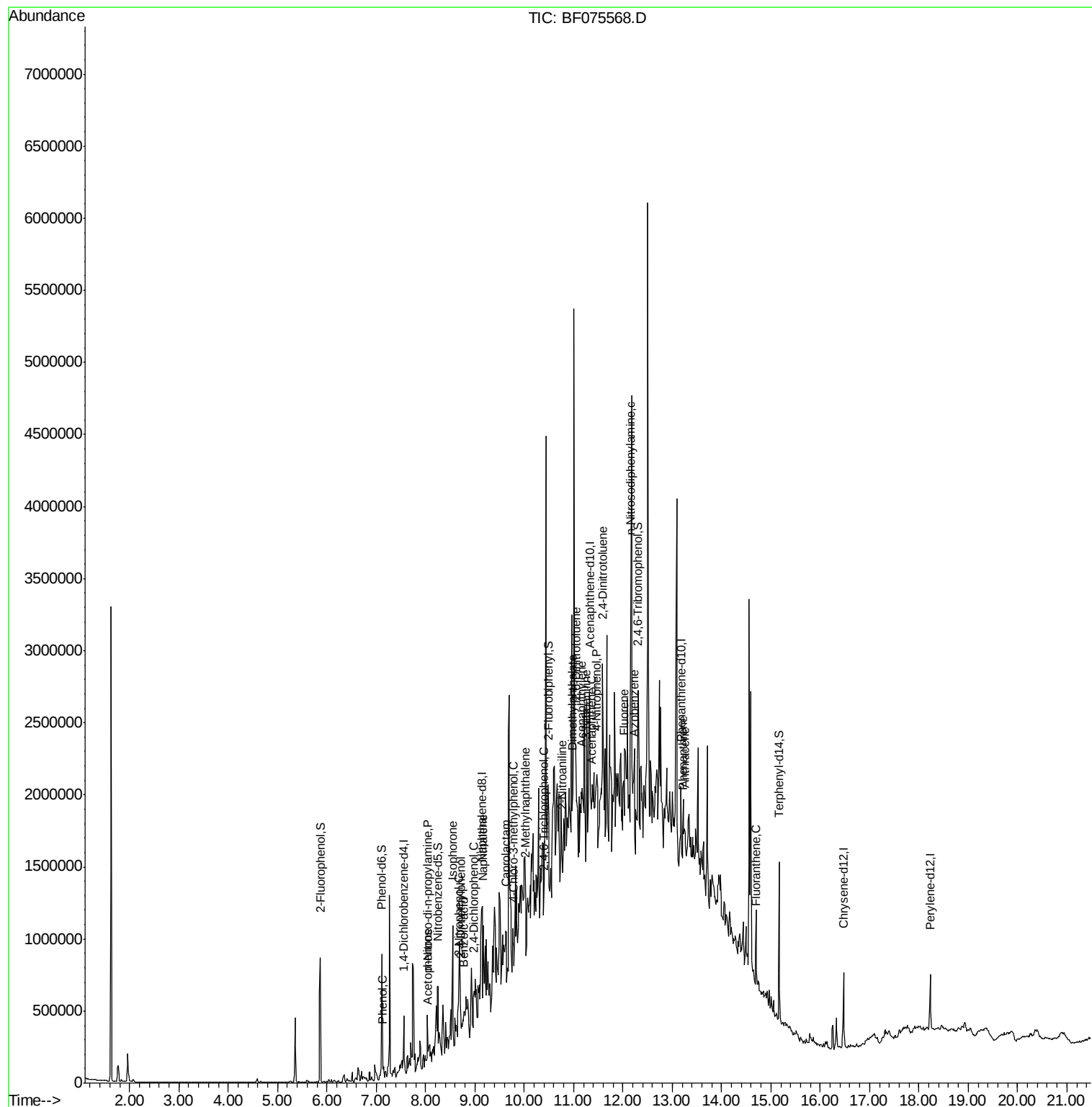
Target Compounds						Qvalue
10) Phenol	7.13	94	8775	2.07	ng	93
19) n-Nitroso-di-n-propylamine	8.04	70	7480	3.16	ng	# 85
22) Acetophenone	8.05	105	16083	3.70	ng	# 69
25) Isophorone	8.55	82	33064	5.27	ng	# 1
26) 2-Nitrophenol	8.68	139	5714	3.94	ng	# 3
27) 2,4-Dimethylphenol	8.71	122	11211	3.98	ng	# 67
29) 2,4-Dichlorophenol	8.97	162	6581	2.67	ng	# 10
31) Naphthalene	9.17	128	133445	14.85	ng	96
32) Benzoic acid	8.78	122	34173	20.10	ng	96
35) Caprolactam	9.64	113	1836	2.25	ng	# 1
36) 4-Chloro-3-methylphenol	9.78	107	6913	2.56	ng	# 32
37) 2-Methylnaphthalene	10.02	142	33568	5.47	ng	# 85
42) 2,4,6-Trichlorophenol	10.39	196	4261	2.63	ng	# 13
47) 2-Nitroaniline	10.77	65	7860	5.00	ng	# 1
48) Acenaphthylene	11.16	152	19073	2.22	ng	# 1
49) Dimethylphthalate	10.99	163	47142	6.97	ng	# 84
50) 2,6-Dinitrotoluene	11.04	165	7017	5.27	ng	# 66
51) Acenaphthene	11.36	154	27265	5.25	ng	# 85
52) 3-Nitroaniline	11.26	138	7822	4.98	ng	# 32
55) 4-Nitrophenol	11.47	139	14405	11.47	ng	# 1
56) 2,4-Dinitrotoluene	11.59	165	15397	8.80	ng	# 61
57) Fluorene	12.01	166	31108	5.18	ng	# 55
62) Azobenzene	12.22	77	31561	5.11	ng	# 1
65) n-Nitrosodiphenylamine	12.16	169	218783	40.51	ng	# 38
70) Phenanthrene	13.21	178	39775	4.43	ng	# 41
71) Anthracene	13.26	178	20230	2.18	ng	# 1
74) Fluoranthene	14.69	202	33002	3.43	ng	91

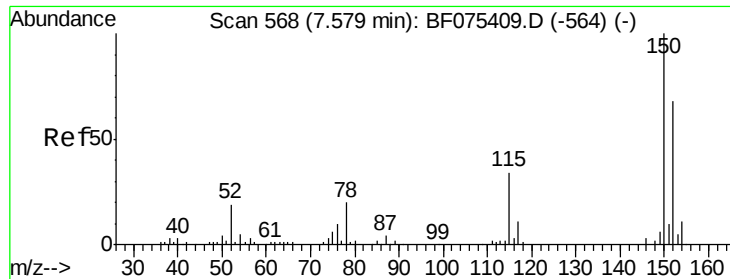
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.56 min Scan# 566

Delta R.T. -0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

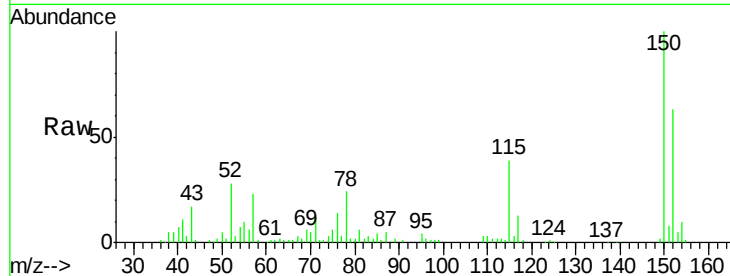
Tgt Ion:152 Resp: 51062

Ion Ratio Lower Upper

152 100

150 159.3 127.2 190.8

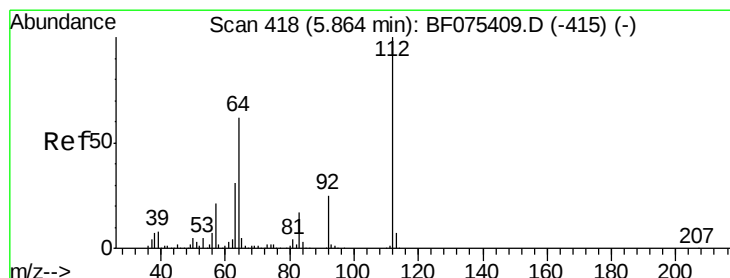
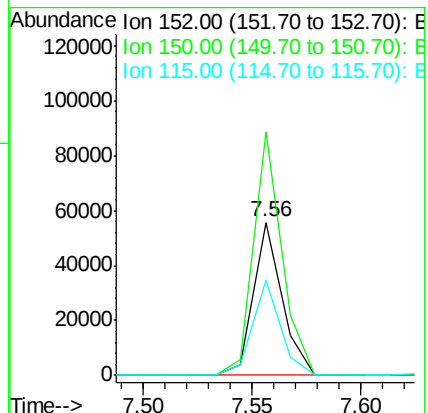
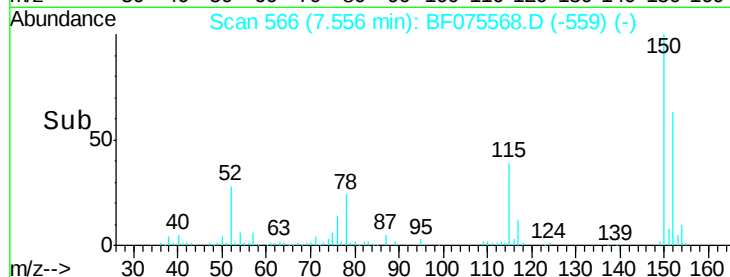
115 62.5 57.1 85.7



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: 109.71 ng

RT: 5.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

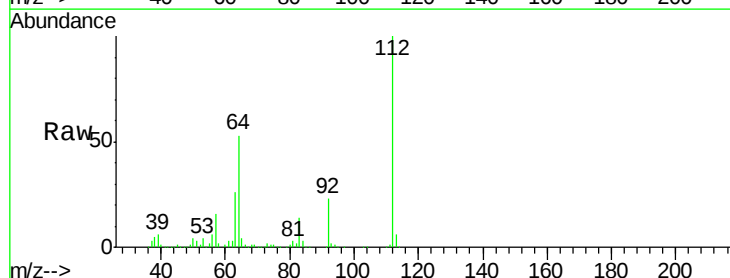
Tgt Ion:112 Resp: 317113

Ion Ratio Lower Upper

112 100

64 53.1 45.8 68.6

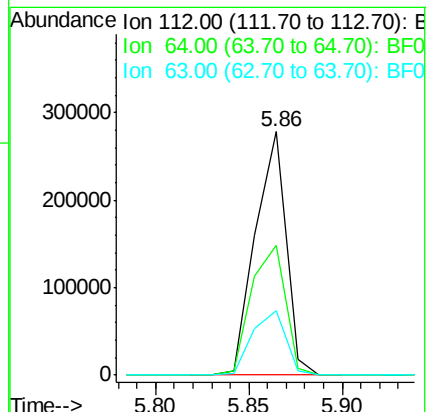
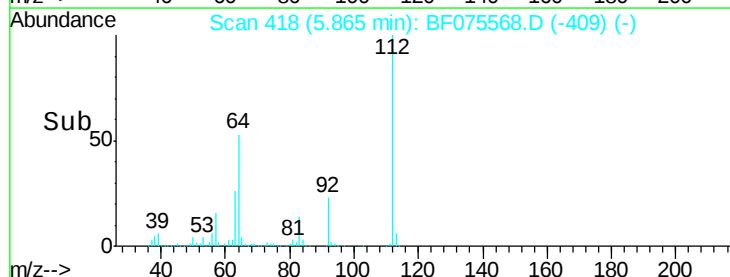
63 26.2 22.7 34.1

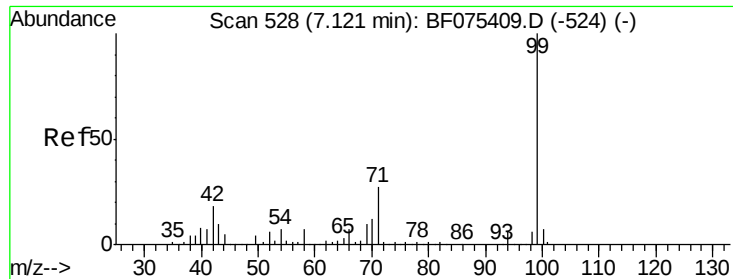


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.70 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

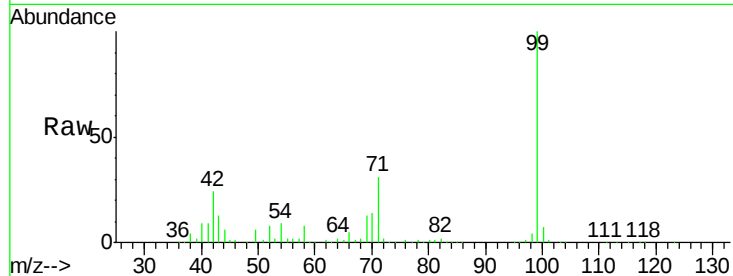
Tgt Ion: 99 Resp: 384778

Ion Ratio Lower Upper

99 100

42 23.9 19.8 29.6

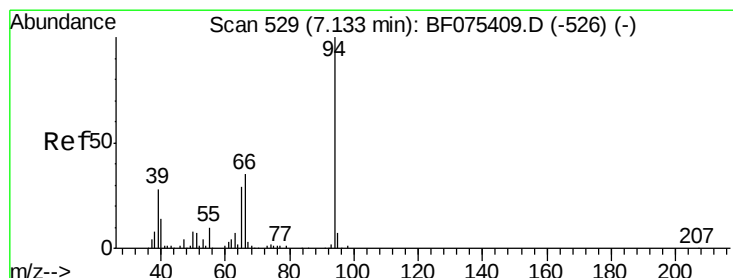
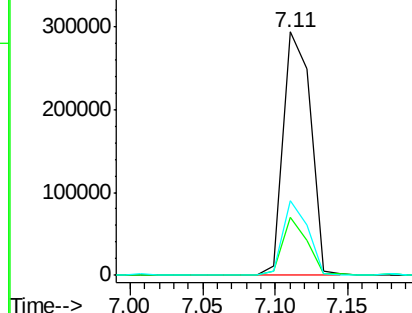
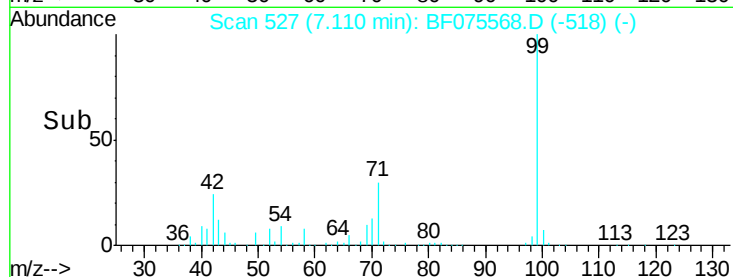
71 30.8 25.5 38.3



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



#10

Phenol

Concen: 2.07 ng

RT: 7.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

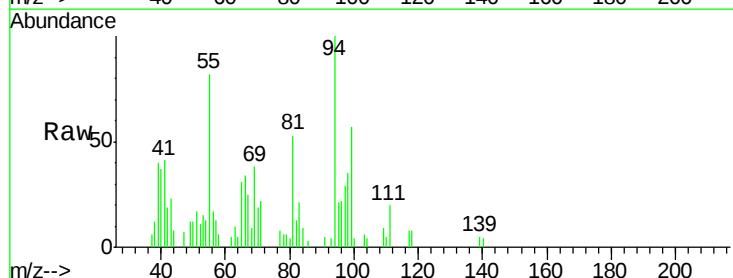
Tgt Ion: 94 Resp: 8775

Ion Ratio Lower Upper

94 100

65 31.2 13.1 53.1

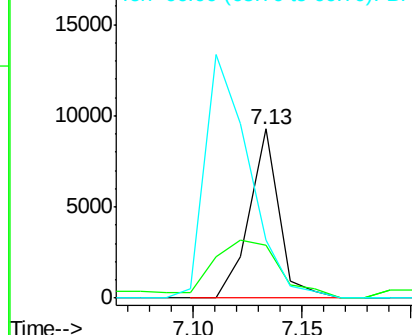
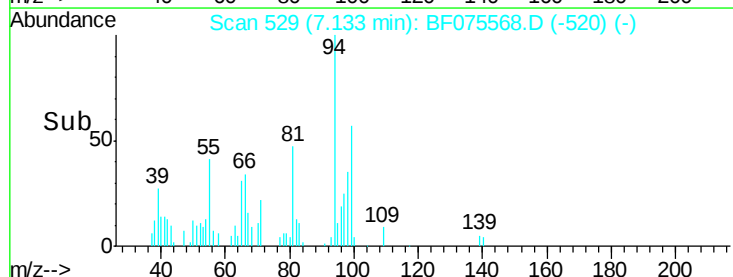
66 34.5 20.8 60.8

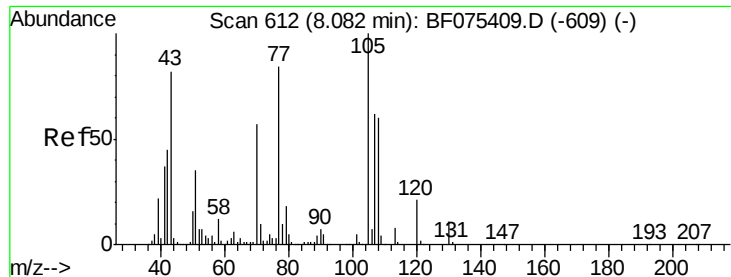


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

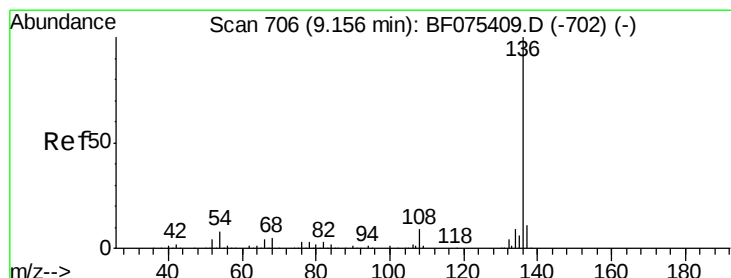
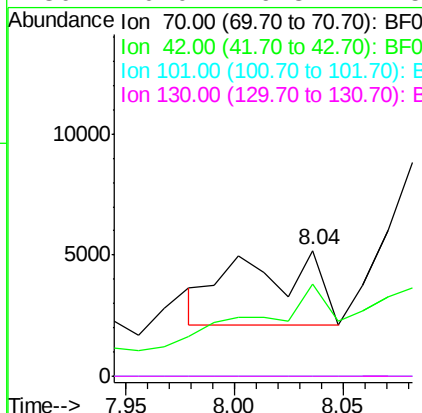
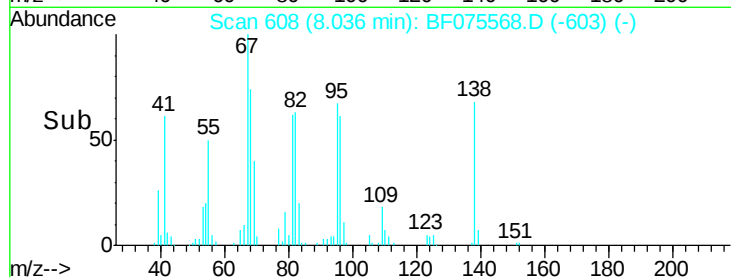
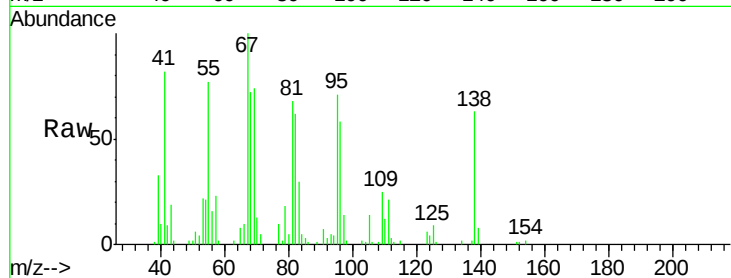




#19
n-Nitroso-di-n-propylamine
Concen: 3.16 ng
RT: 8.04 min Scan# 608
Delta R.T. -0.05 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

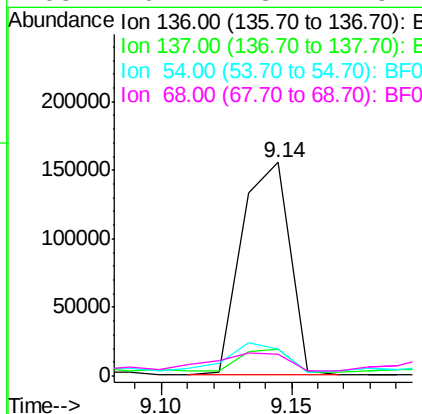
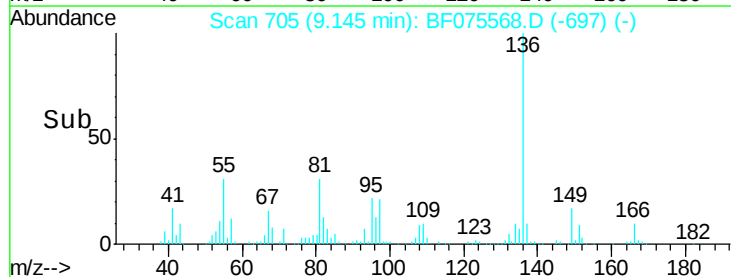
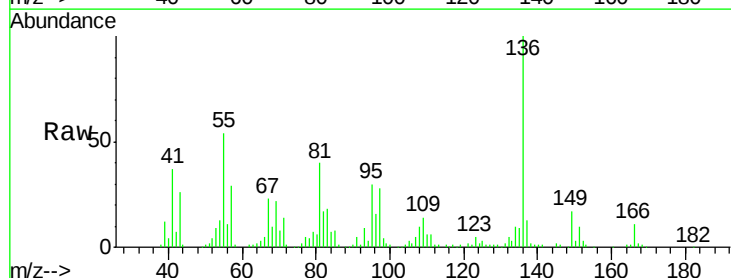
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SB-74(7-9)

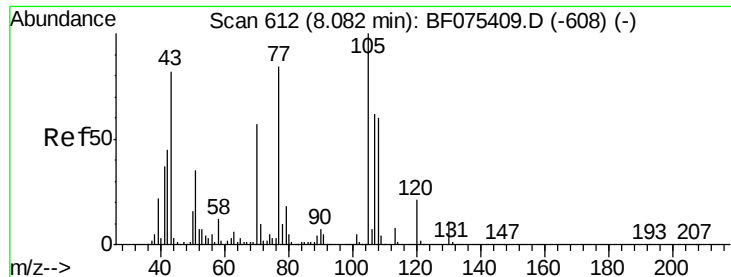
Tgt Ion: 70 Resp: 7480
Ion Ratio Lower Upper
70 100
42 73.3 63.0 94.6
101 0.0 7.5 11.3#
130 0.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion:136 Resp: 201585
Ion Ratio Lower Upper
136 100
137 12.7 8.2 12.4#
54 12.8 6.2 9.4#
68 10.1 3.4 5.2#





#22

Acetophenone

Concen: 3.70 ng

RT: 8.05 min Scan# 609

Delta R.T. -0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

Tgt Ion: 105 Resp: 16083

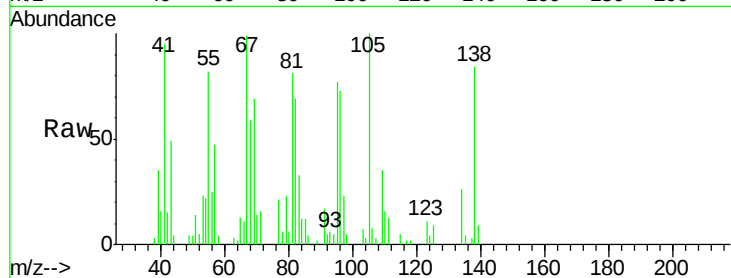
Ion Ratio Lower Upper

105 100

71 16.0 10.5 15.7#

51 14.1 24.2 36.2#

120 0.0 17.5 26.3#

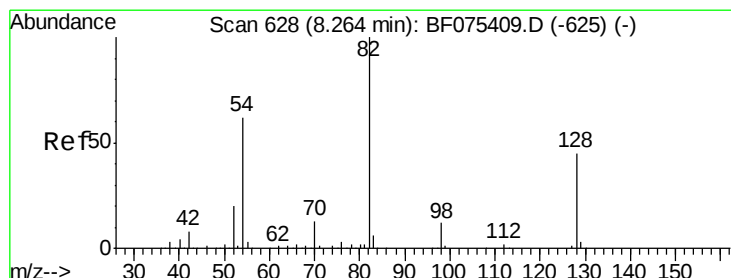
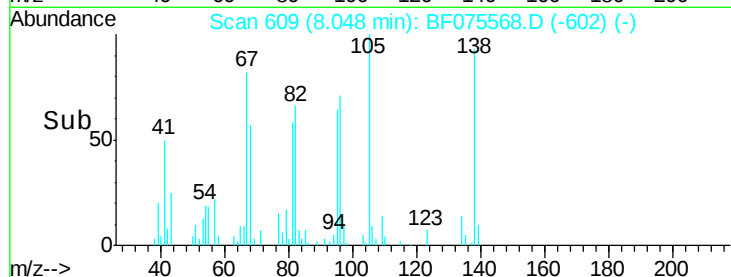
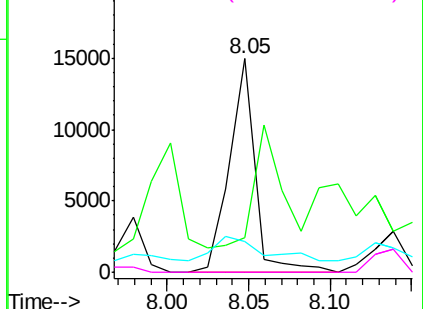


Abundance Ion 105.00 (104.70 to 105.70): E

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: 81.33 ng

RT: 8.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

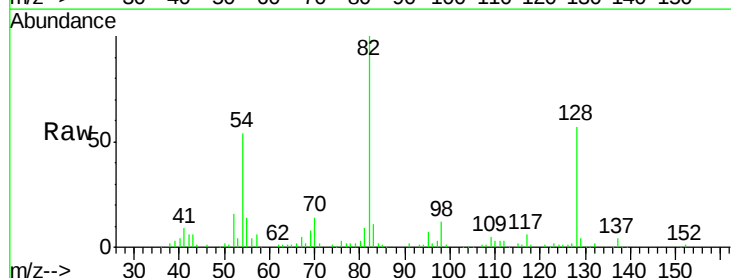
Tgt Ion: 82 Resp: 223612

Ion Ratio Lower Upper

82 100

128 56.7 37.8 56.6#

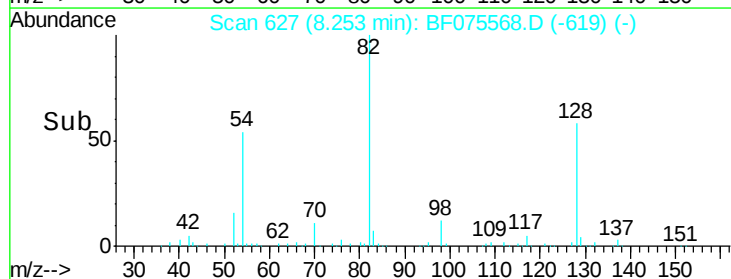
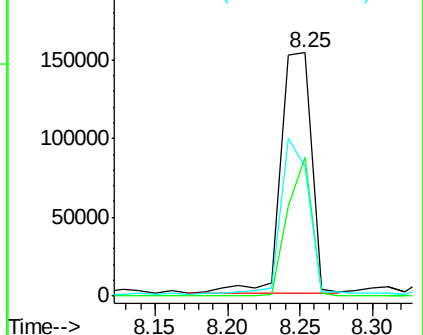
54 53.5 49.8 74.8

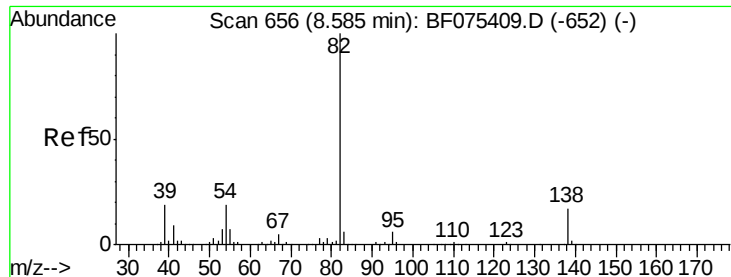


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 5.27 ng

RT: 8.55 min Scan# 653

Delta R.T. -0.03 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

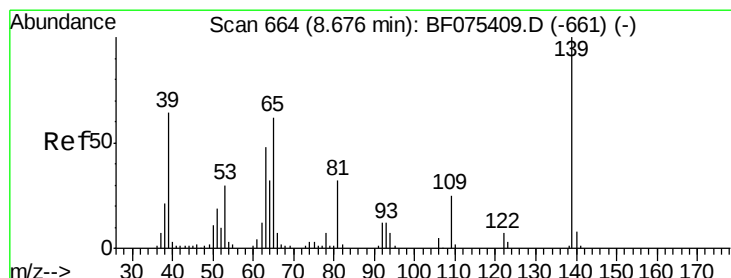
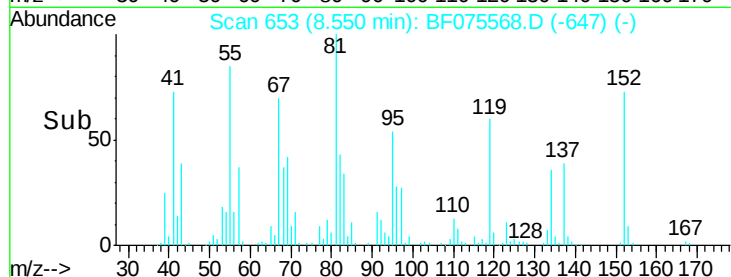
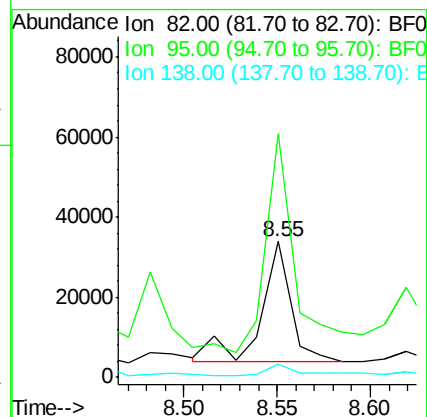
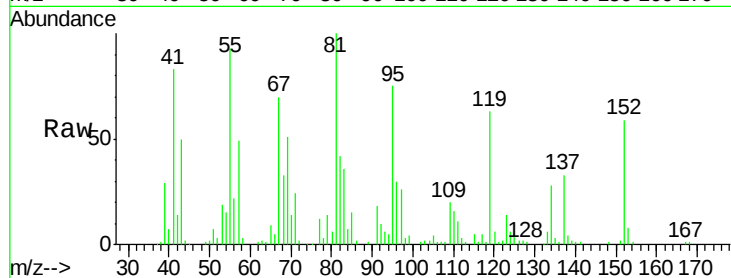
Tgt Ion: 82 Resp: 33064

Ion Ratio Lower Upper

82 100

95 179.2 5.2 7.8#

138 9.4 15.0 22.6#



#26

2-Nitrophenol

Concen: 3.94 ng

RT: 8.68 min Scan# 664

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

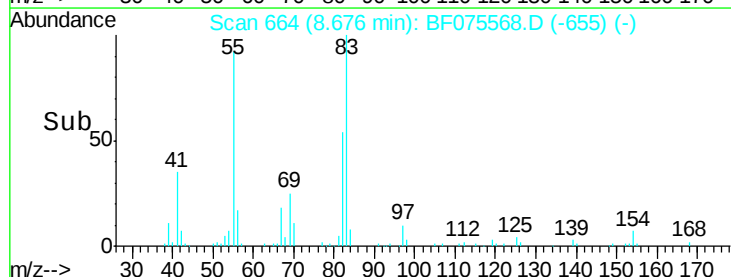
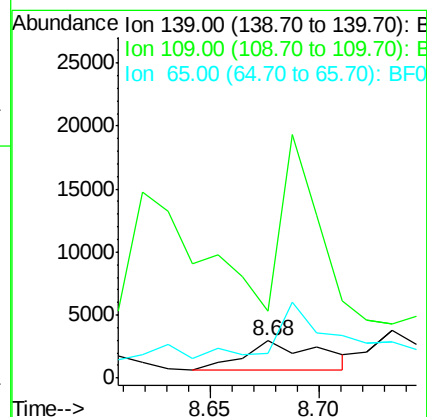
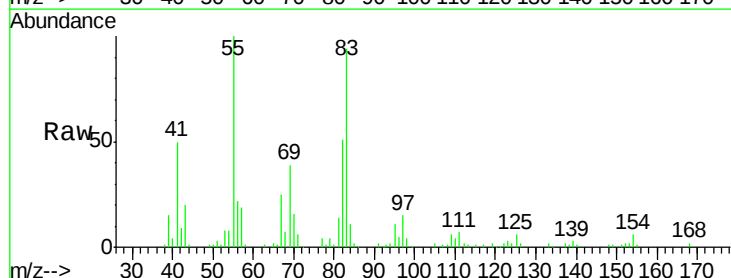
Tgt Ion: 139 Resp: 5714

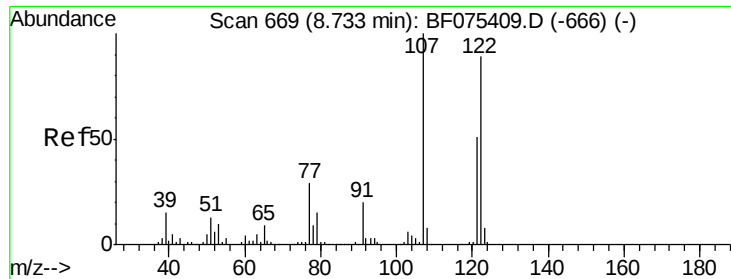
Ion Ratio Lower Upper

139 100

109 181.6 22.3 33.5#

65 67.3 49.1 73.7

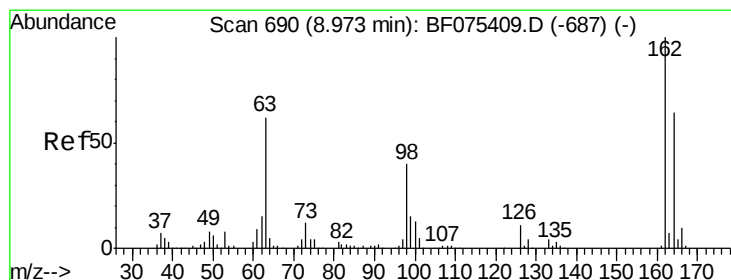
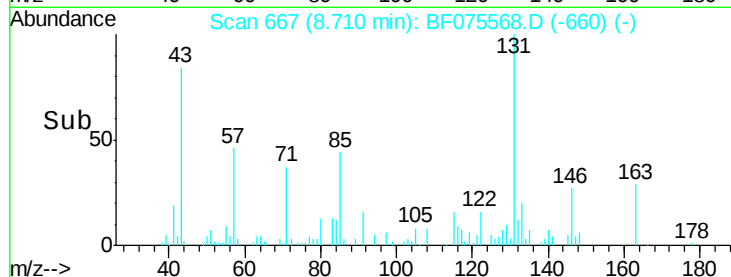
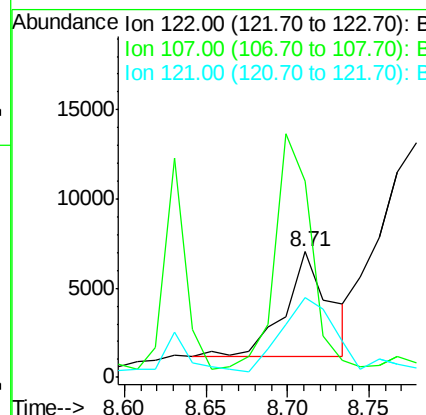
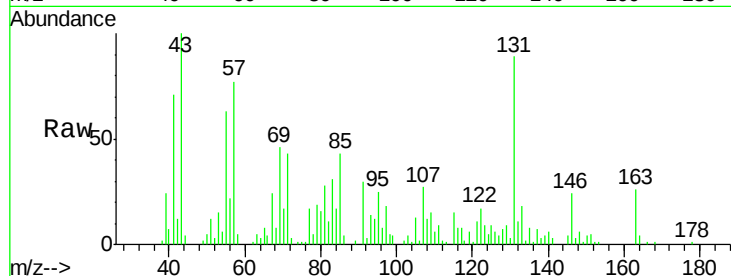




#27
2,4-Dimethylphenol
Concen: 3.98 ng
RT: 8.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

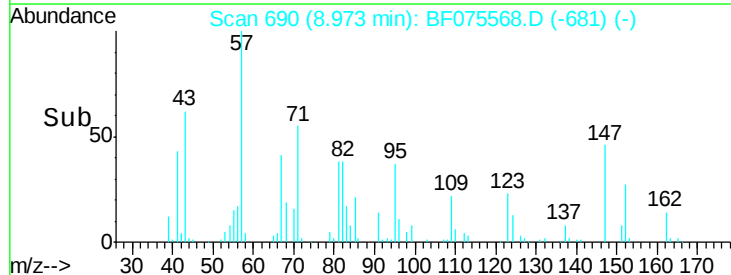
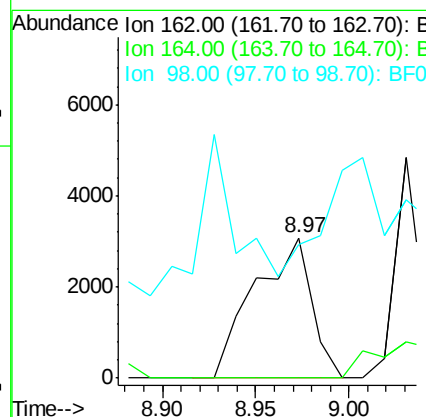
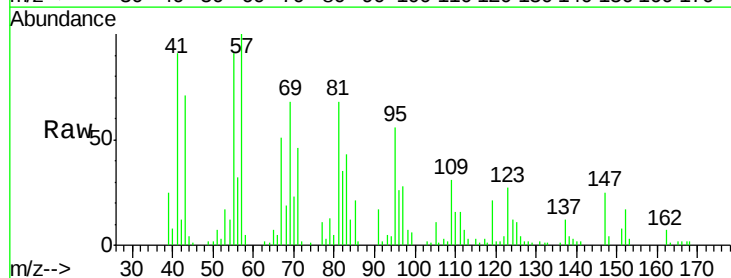
Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

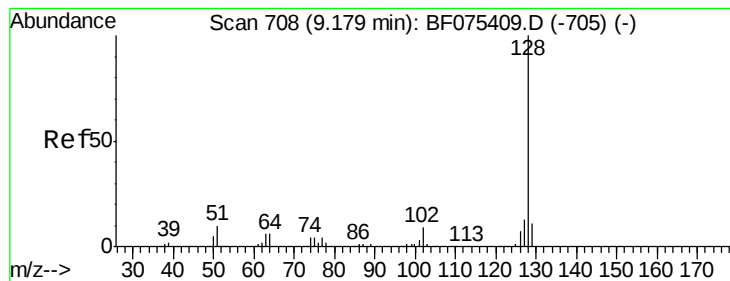
Tgt Ion:122 Resp: 11211
Ion Ratio Lower Upper
122 100
107 156.4 86.5 129.7#
121 63.6 45.4 68.2



#29
2,4-Dichlorophenol
Concen: 2.67 ng
RT: 8.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion:162 Resp: 6581
Ion Ratio Lower Upper
162 100
164 0.0 43.8 83.8#
98 95.1 14.6 54.6#





#31

Naphthalene

Concen: 14.85 ng

RT: 9.17 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

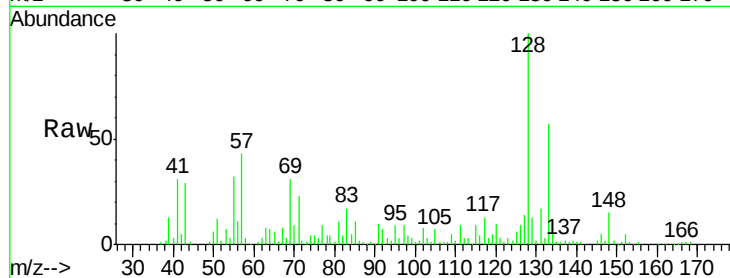
Tgt Ion:128 Resp: 133445

Ion Ratio Lower Upper

128 100

129 12.9 9.0 13.4

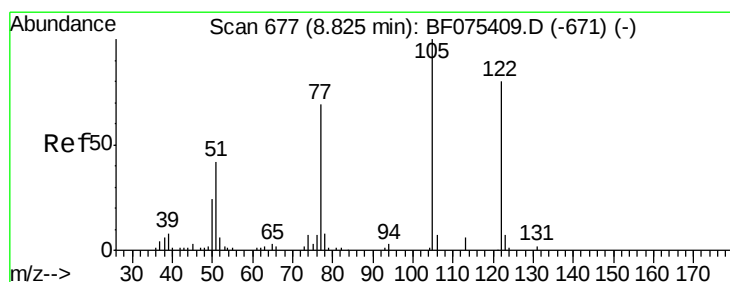
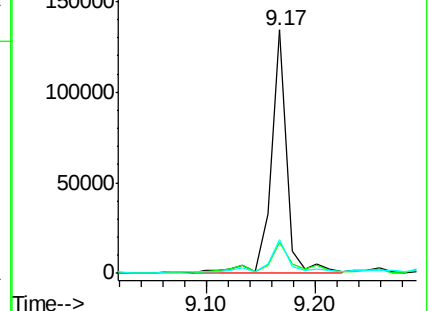
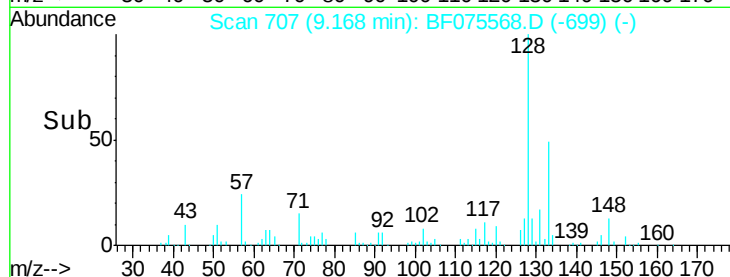
127 14.0 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.10 ng

RT: 8.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

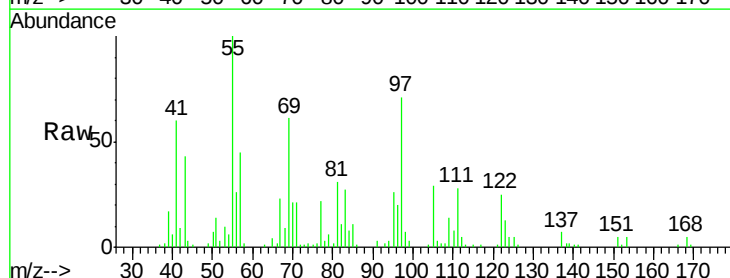
Tgt Ion:122 Resp: 34173

Ion Ratio Lower Upper

122 100

105 116.7 95.1 135.1

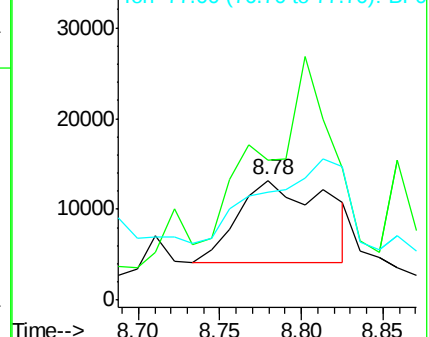
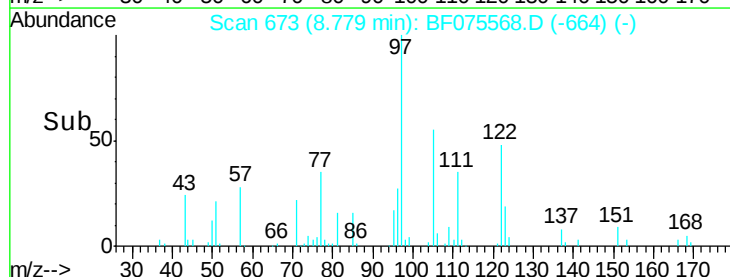
77 90.2 62.6 102.6

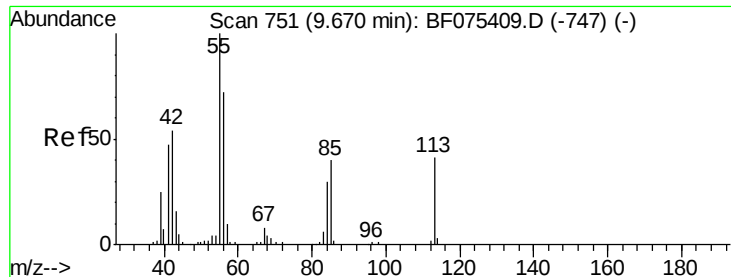


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#35

Caprolactam

Concen: 2.25 ng

RT: 9.64 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

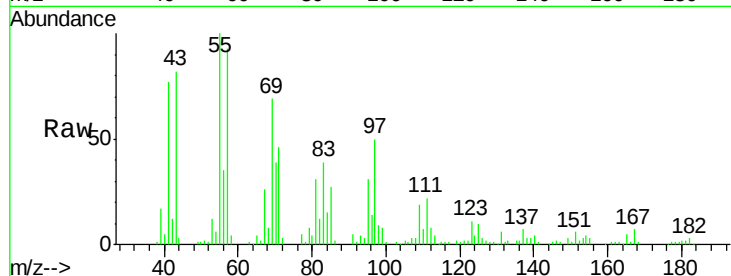
Tgt Ion:113 Resp: 1836

Ion Ratio Lower Upper

113 100

55 2545.5 226.9 266.9#

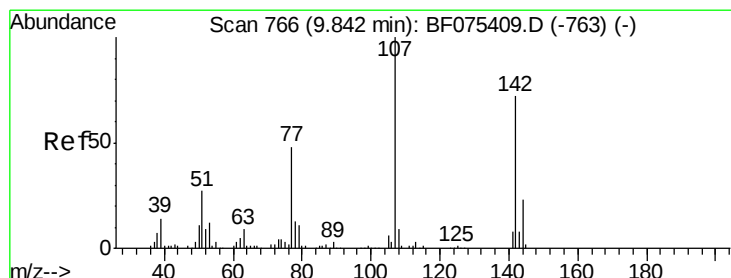
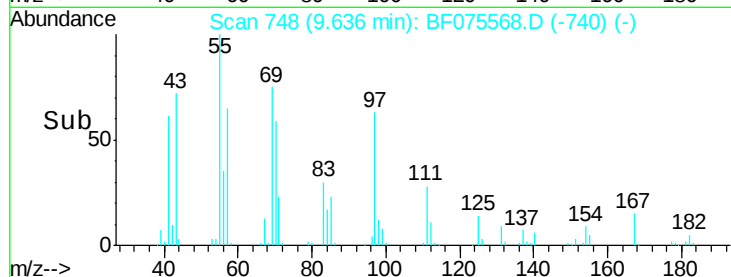
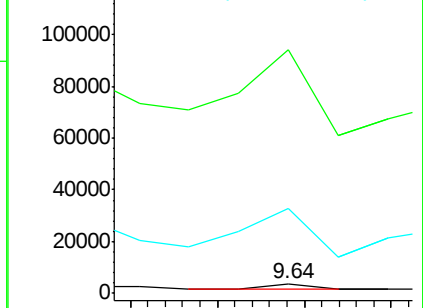
56 887.4 148.4 188.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.56 ng

RT: 9.78 min Scan# 761

Delta R.T. -0.06 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

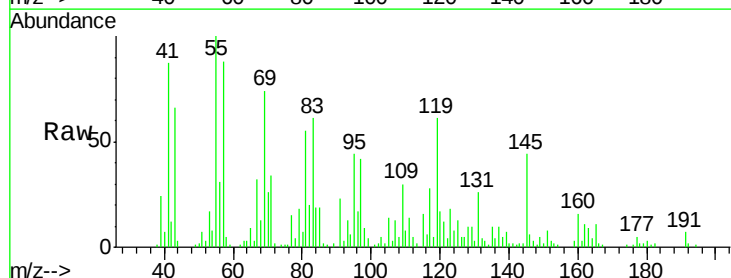
Tgt Ion:107 Resp: 6913

Ion Ratio Lower Upper

107 100

144 14.3 19.1 28.7#

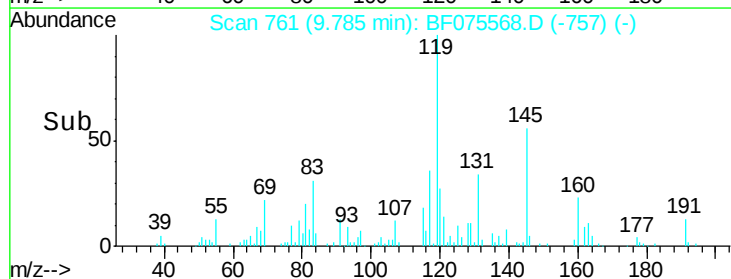
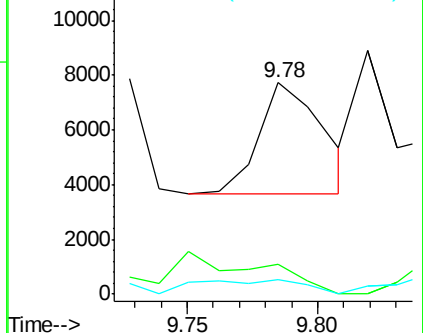
142 6.7 62.9 94.3#

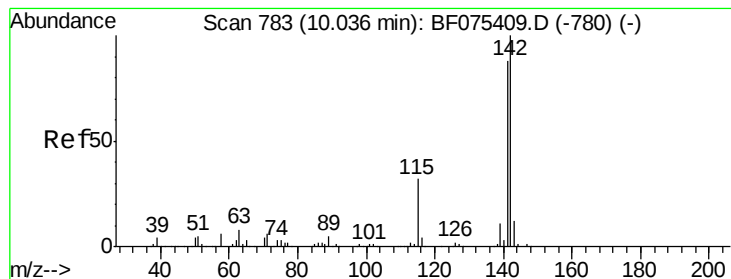


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 5.47 ng

RT: 10.02 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

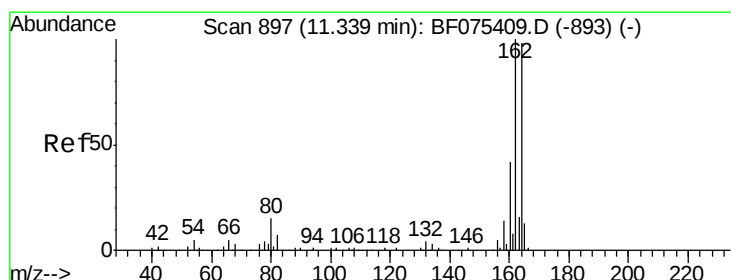
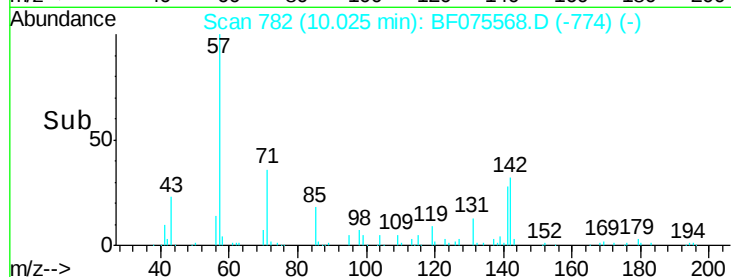
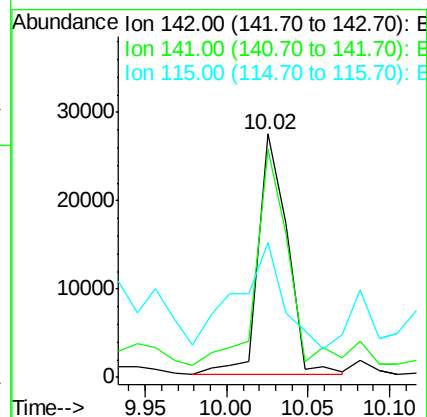
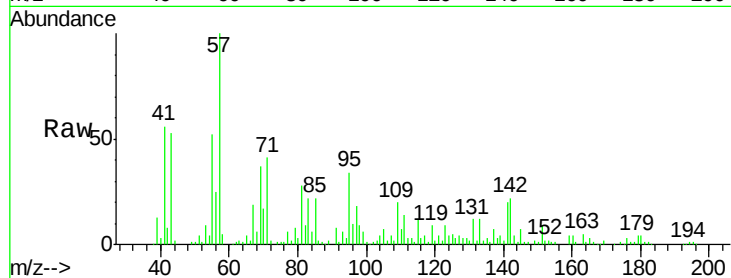
Tgt Ion:142 Resp: 33568

Ion Ratio Lower Upper

142 100

141 93.7 69.9 104.9

115 55.5 27.6 41.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

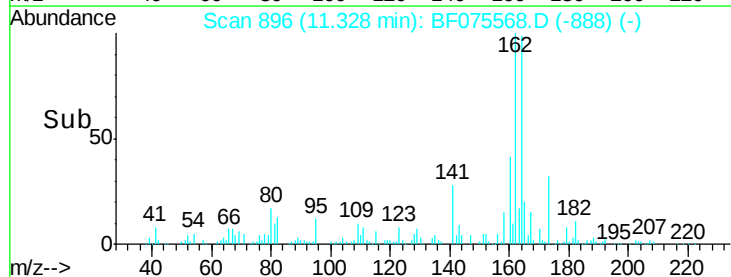
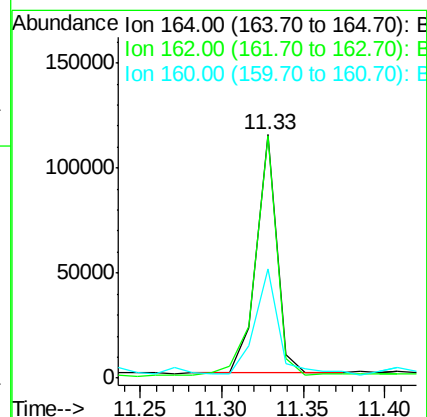
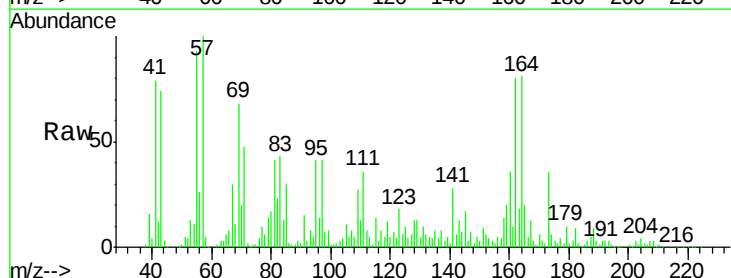
Tgt Ion:164 Resp: 98963

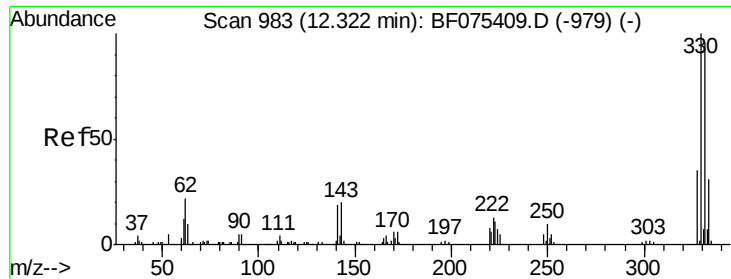
Ion Ratio Lower Upper

164 100

162 99.6 79.1 118.7

160 44.8 34.6 51.8

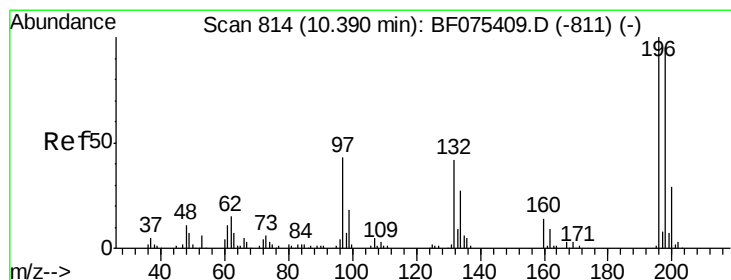
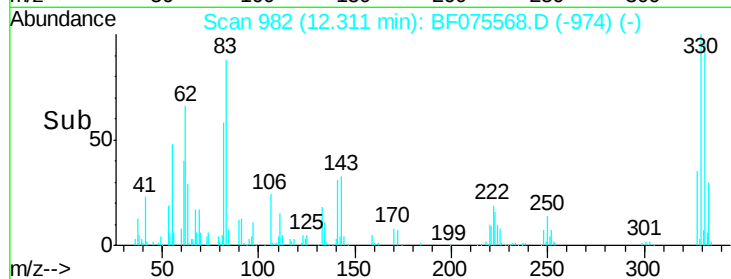
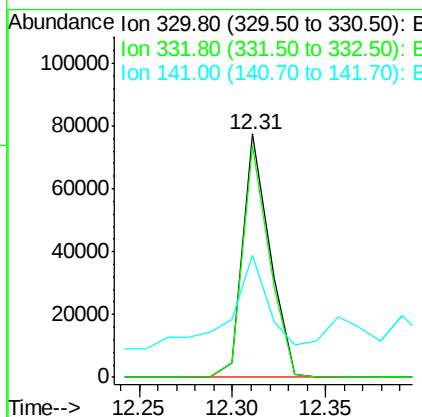
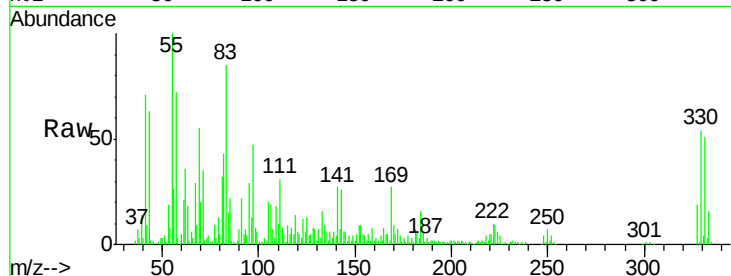




#41
 2,4,6-Tribromophenol
 Concen: 94.58 ng
 RT: 12.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

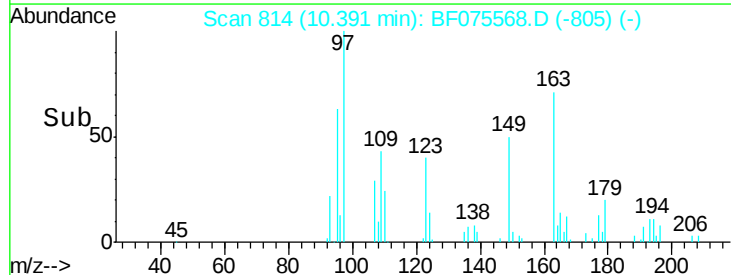
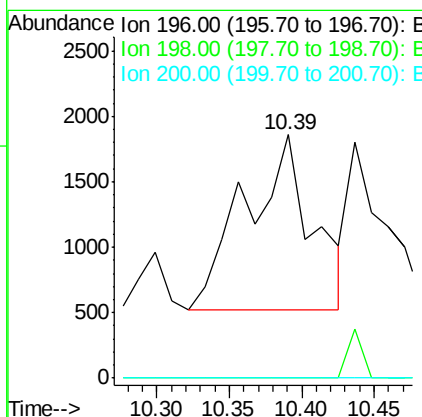
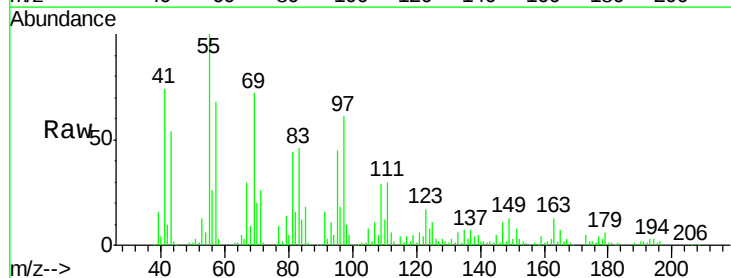
Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

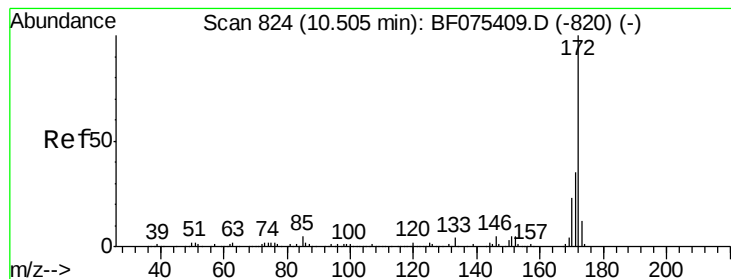
Tgt Ion:330 Resp: 78397
 Ion Ratio Lower Upper
 330 100
 332 94.7 74.5 111.7
 141 52.9 30.7 46.1#



#42
 2,4,6-Trichlorophenol
 Concen: 2.63 ng
 RT: 10.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Tgt Ion:196 Resp: 4261
 Ion Ratio Lower Upper
 196 100
 198 0.0 75.7 113.5#
 200 0.0 23.4 35.0#





#44

2-Fluorobiphenyl

Concen: 67.96 ng

RT: 10.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

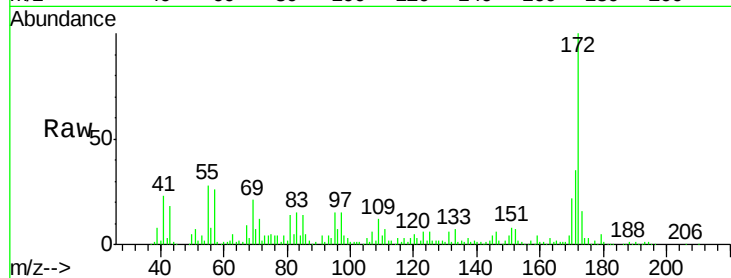
Tgt Ion: 172 Resp: 372181

Ion Ratio Lower Upper

172 100

171 34.7 27.3 40.9

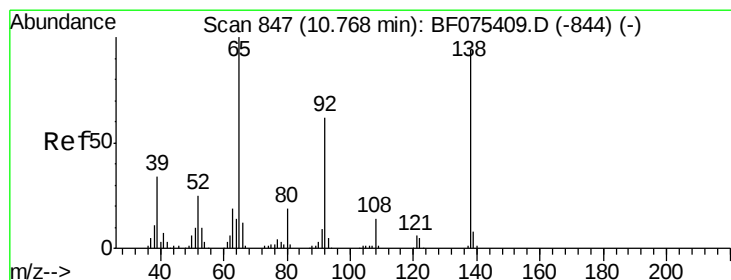
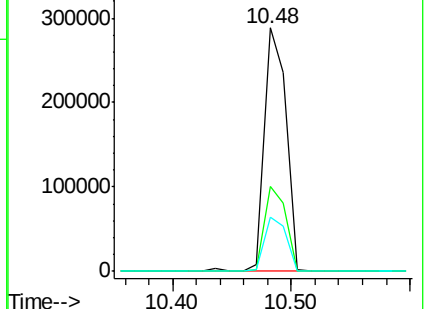
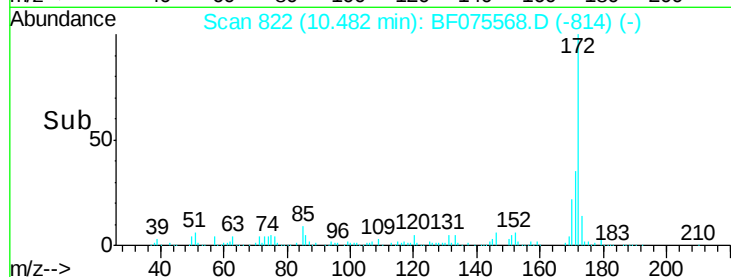
170 22.2 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#47

2-Nitroaniline

Concen: 5.00 ng

RT: 10.77 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

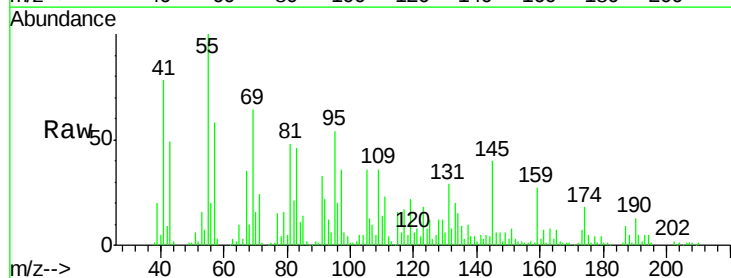
Tgt Ion: 65 Resp: 7860

Ion Ratio Lower Upper

65 100

92 213.3 46.7 70.1#

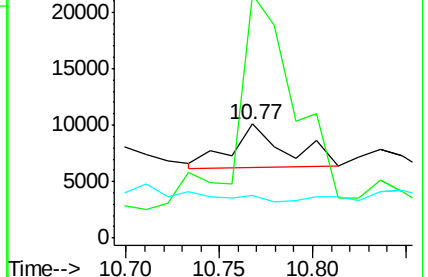
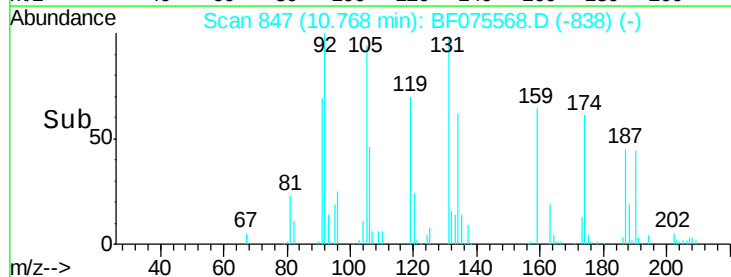
138 37.3 62.8 94.2#

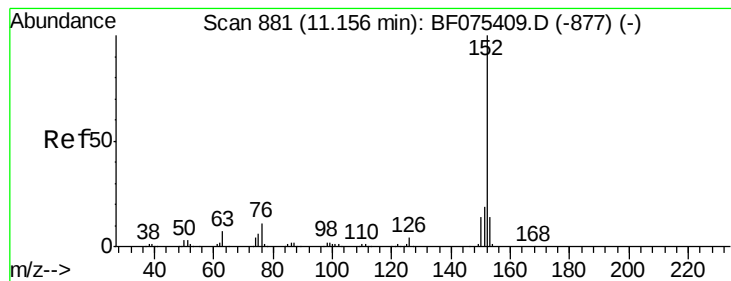


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 2.22 ng

RT: 11.16 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

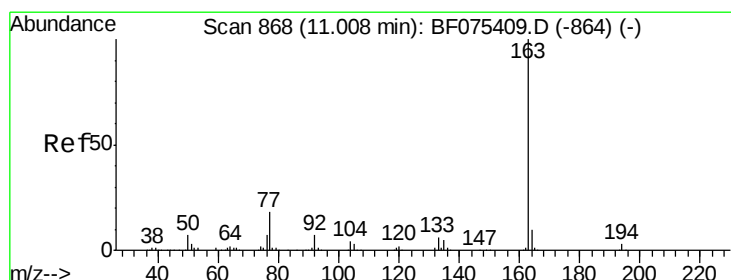
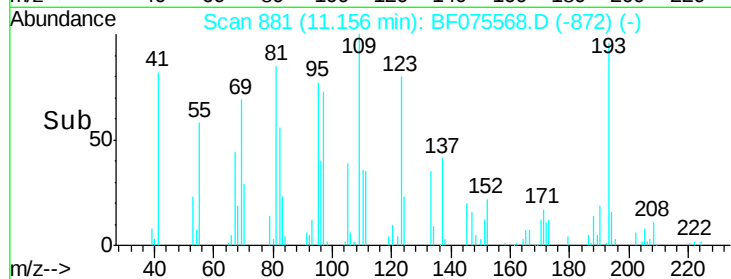
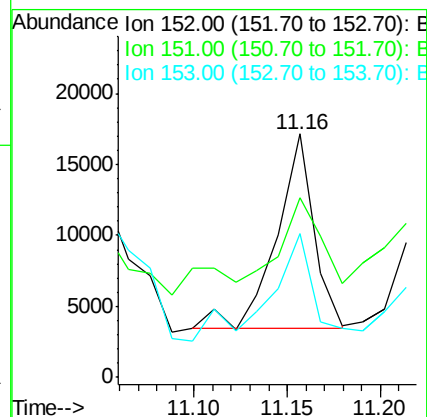
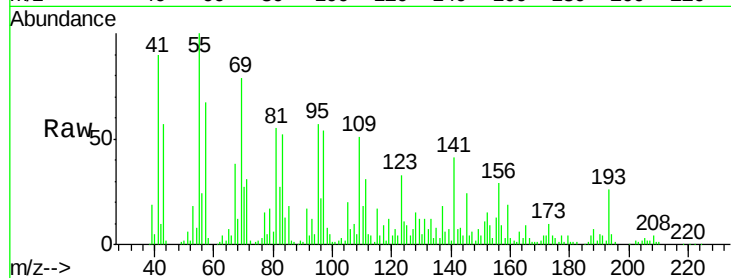
Tgt Ion:152 Resp: 19073

Ion Ratio Lower Upper

152 100

151 73.8 15.4 23.2#

153 59.1 10.0 15.0#



#49

Dimethylphthalate

Concen: 6.97 ng

RT: 10.99 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

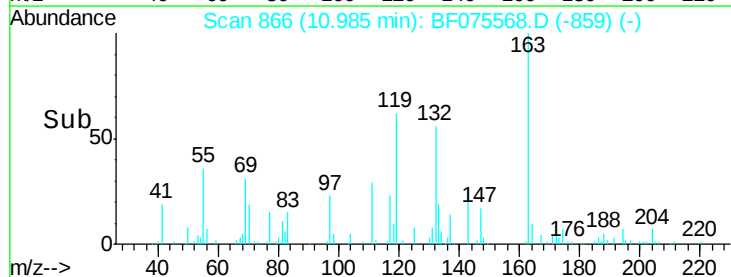
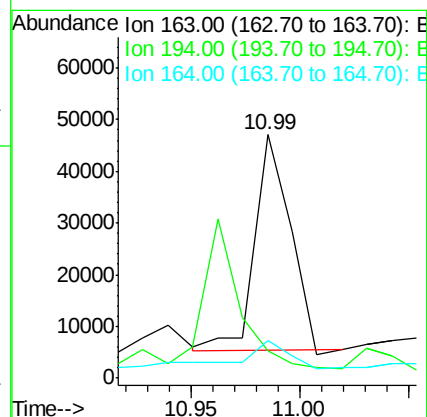
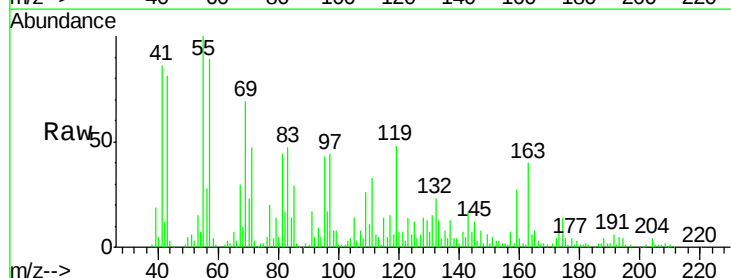
Tgt Ion:163 Resp: 47142

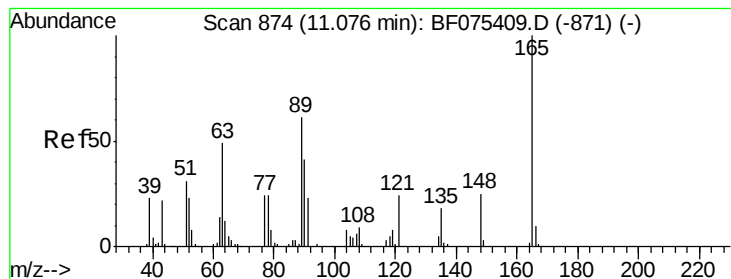
Ion Ratio Lower Upper

163 100

194 11.2 2.7 4.1#

164 15.2 8.0 12.0#





#50

2,6-Dinitrotoluene

Concen: 5.27 ng

RT: 11.04 min Scan# 871

Delta R.T. -0.03 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

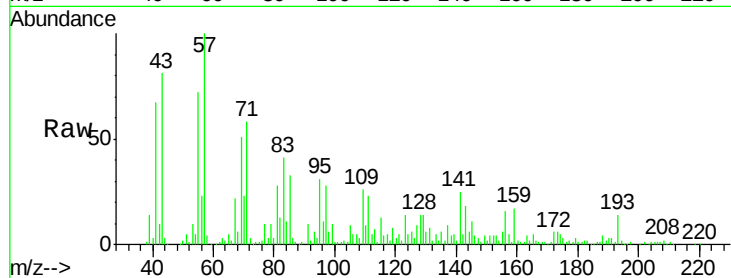
Tgt Ion:165 Resp: 7017

Ion Ratio Lower Upper

165 100

63 59.1 61.2 91.8#

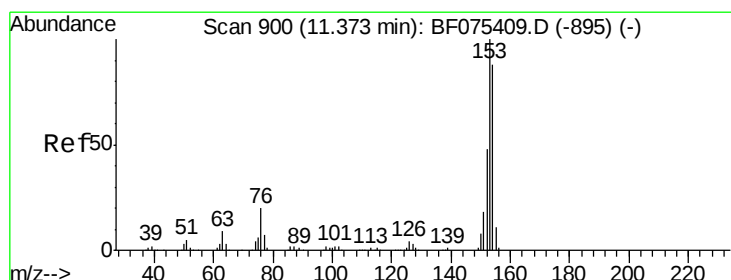
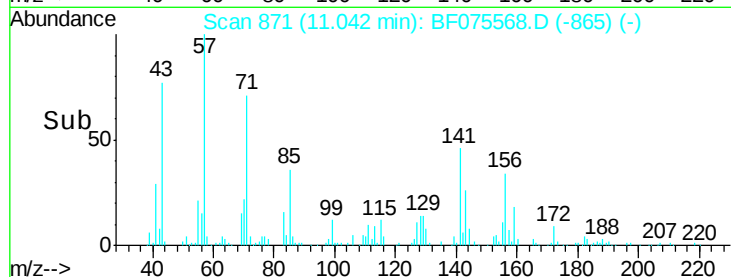
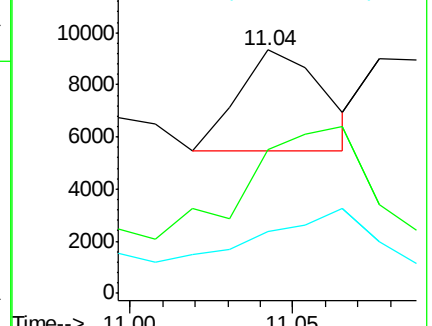
89 25.5 52.5 78.7#



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: 5.25 ng

RT: 11.36 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

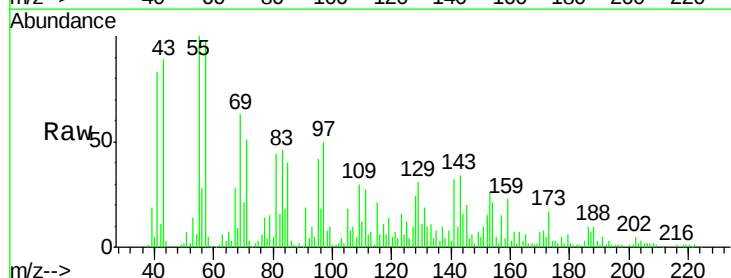
Tgt Ion:154 Resp: 27265

Ion Ratio Lower Upper

154 100

153 125.3 91.2 136.8

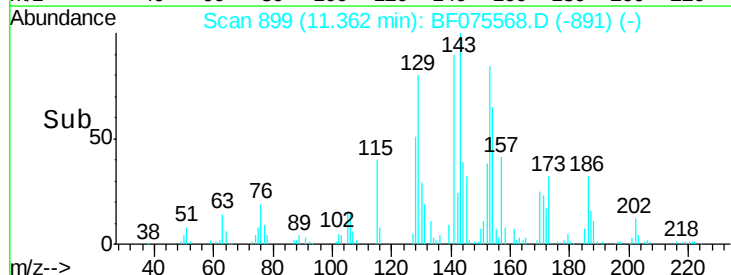
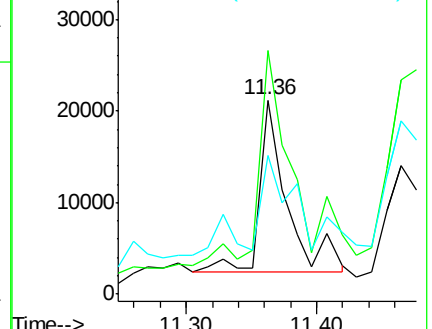
152 71.6 43.4 65.0#

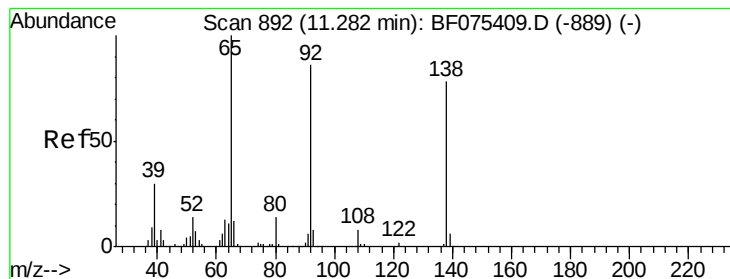


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 4.98 ng

RT: 11.26 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

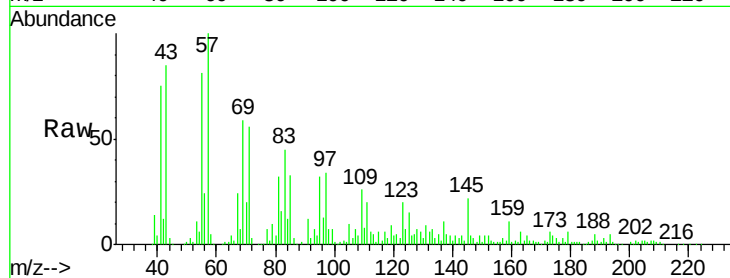
Tgt Ion:138 Resp: 7822

Ion Ratio Lower Upper

138 100

108 71.5 10.2 15.2#

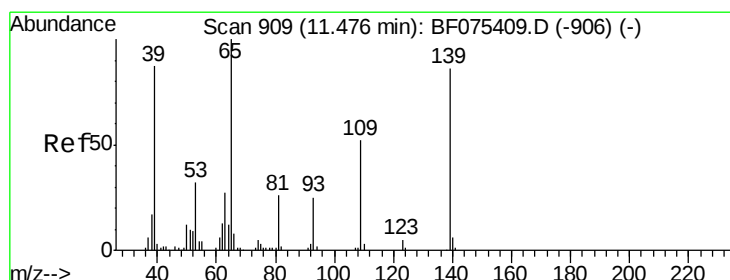
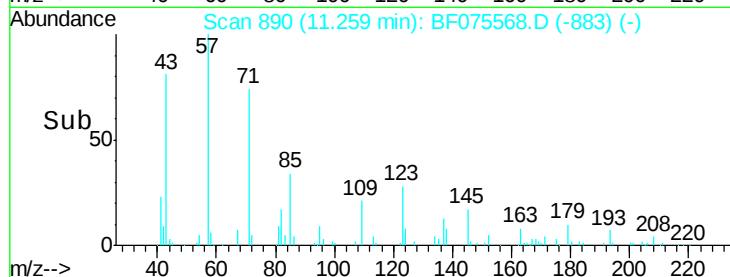
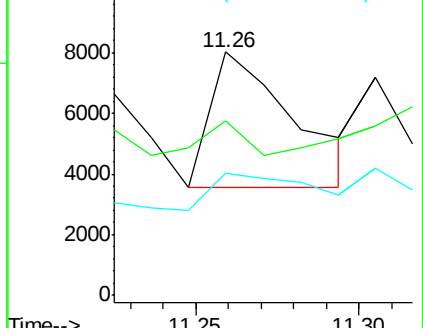
92 49.9 91.0 136.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#55

4-Nitrophenol

Concen: 11.47 ng

RT: 11.47 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

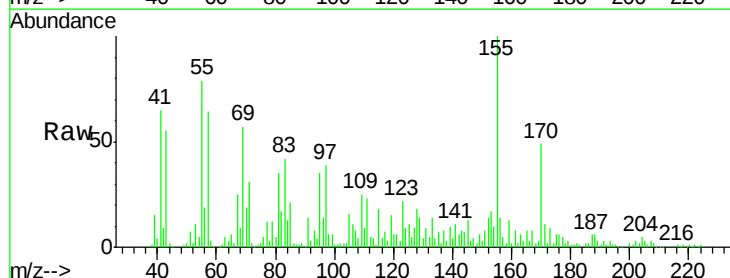
Tgt Ion:139 Resp: 14405

Ion Ratio Lower Upper

139 100

109 252.1 45.8 85.8#

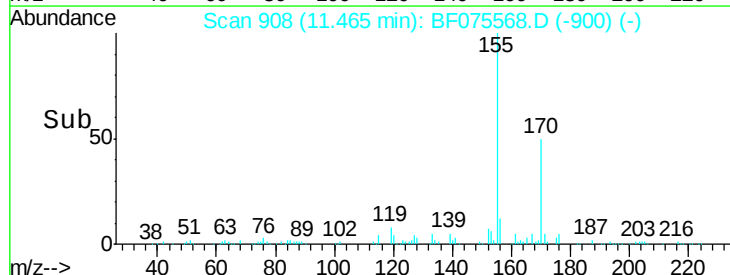
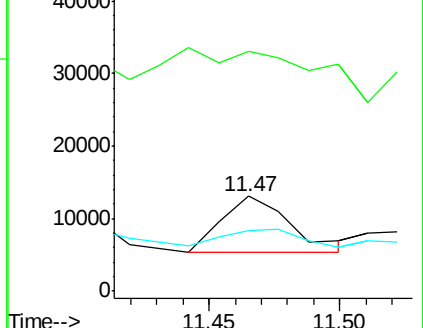
65 63.1 94.8 134.8#

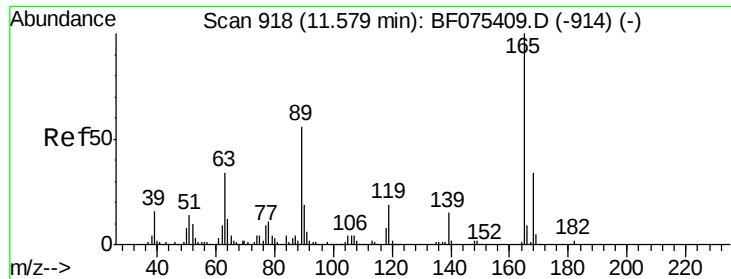


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

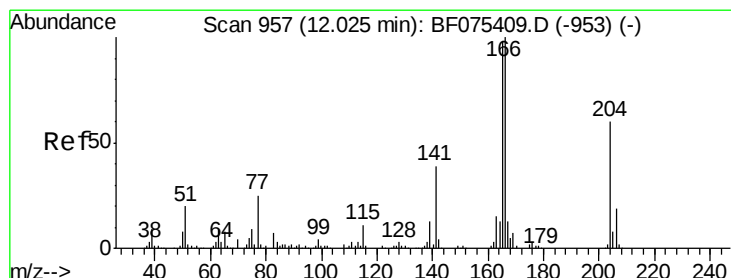
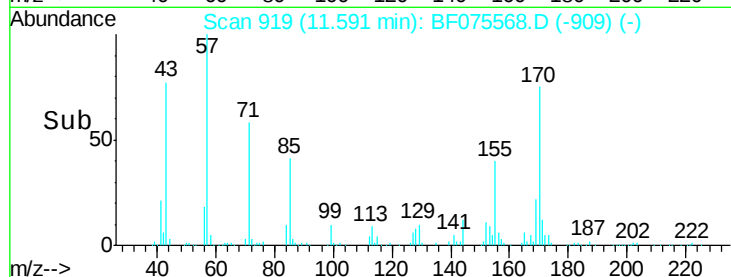
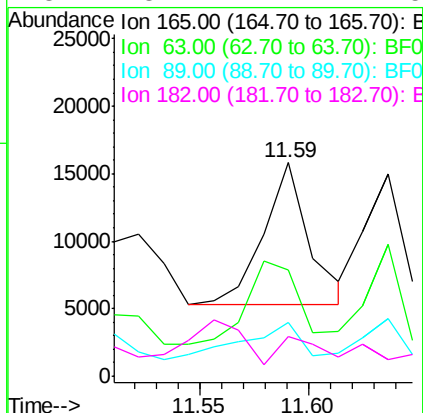
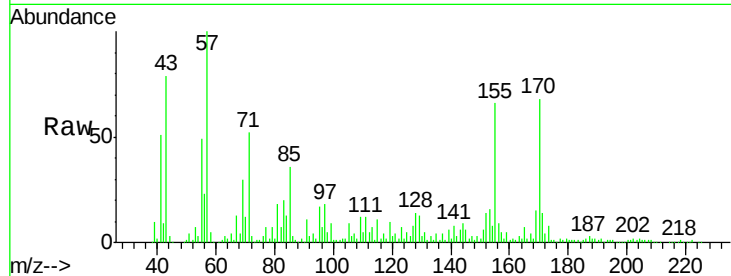




#56
2,4-Dinitrotoluene
Concen: 8.80 ng
RT: 11.59 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

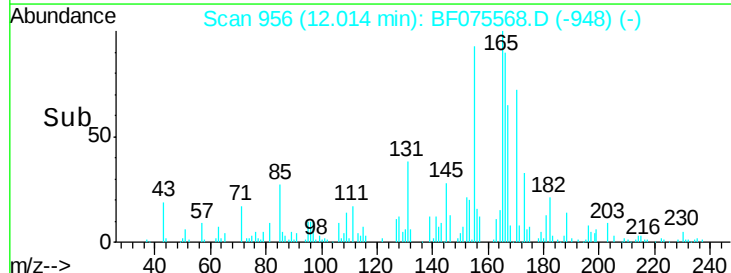
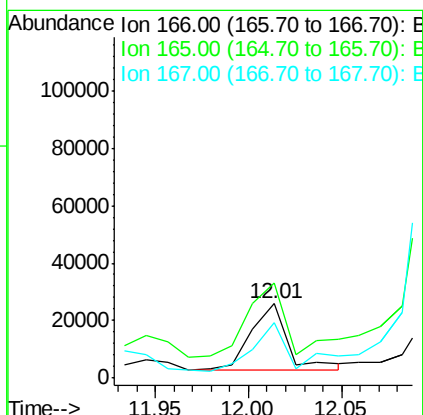
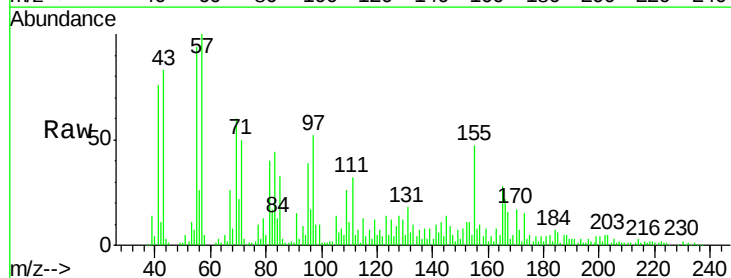
Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

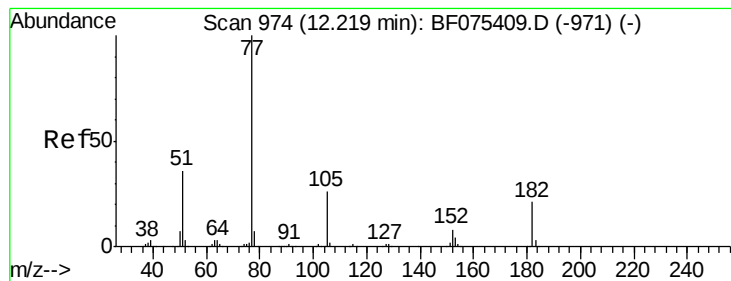
Tgt Ion:165 Resp: 15397
Ion Ratio Lower Upper
165 100
63 49.8 27.0 40.6#
89 25.5 47.8 71.6#
182 18.4 1.7 2.5#



#57
Fluorene
Concen: 5.18 ng
RT: 12.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Tgt Ion:166 Resp: 31108
Ion Ratio Lower Upper
166 100
165 128.9 78.8 118.2#
167 74.7 10.6 15.8#





#62

Azobenzene

Concen: 5.11 ng

RT: 12.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

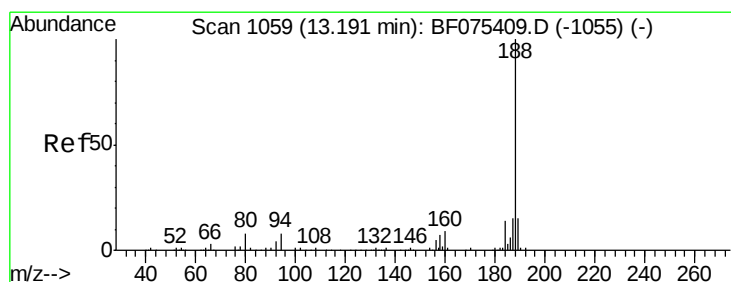
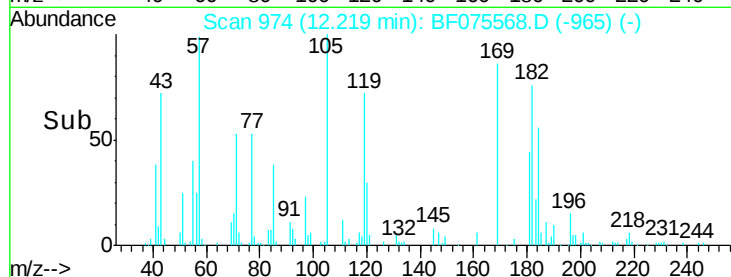
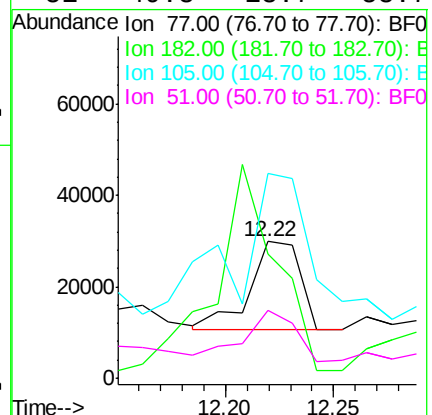
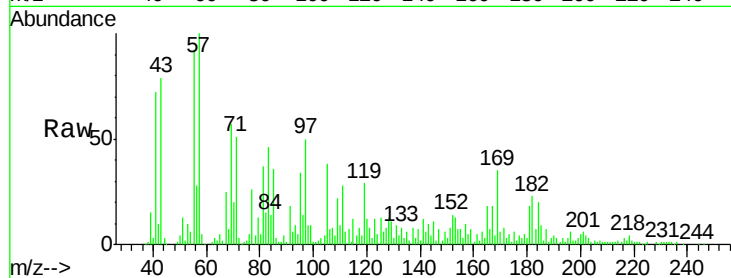
Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

Tgt Ion:	77	Resp:	31561
Ion	Ratio	Lower	Upper
77	100		
182	90.7	0.0	37.1#
105	149.9	3.7	43.7#
51	49.8	18.7	58.7



#63

Phenanthrene-d10

Concen: 20.00 ng

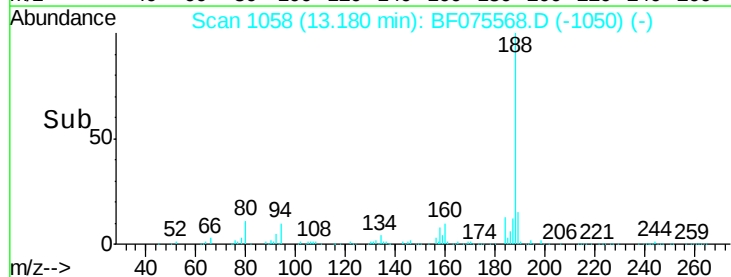
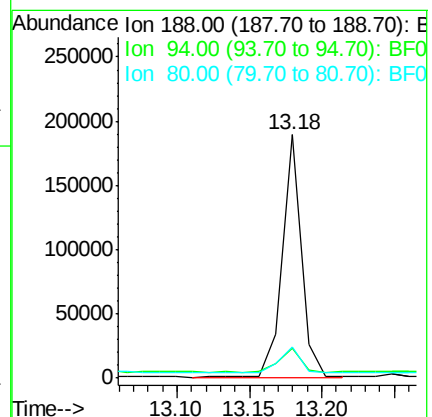
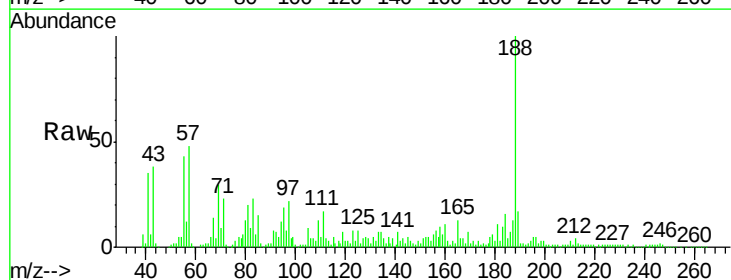
RT: 13.18 min Scan# 1058

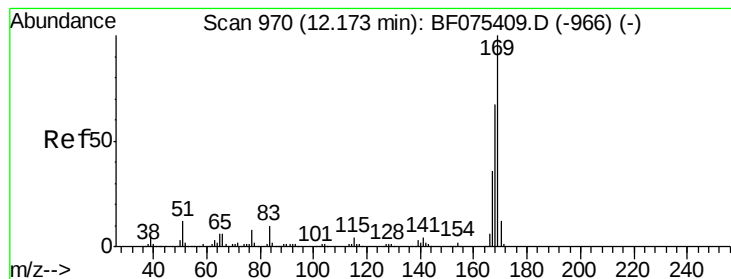
Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Tgt Ion:	188	Resp:	170738
Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.8	11.6#
80	13.0	8.0	12.0#





#65

n-Nitrosodiphenylamine

Concen: 40.51 ng

RT: 12.16 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

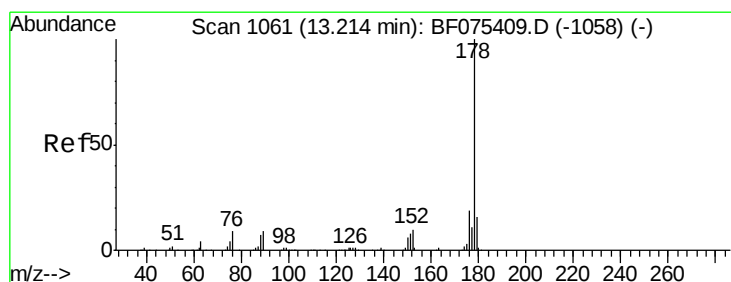
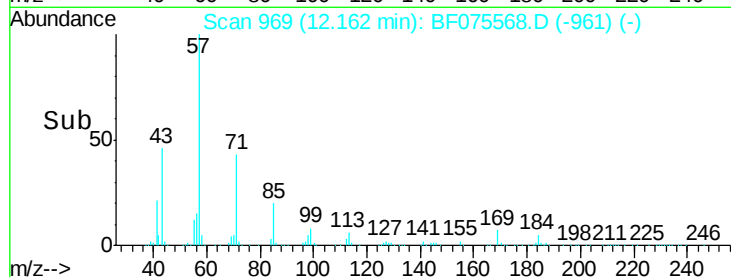
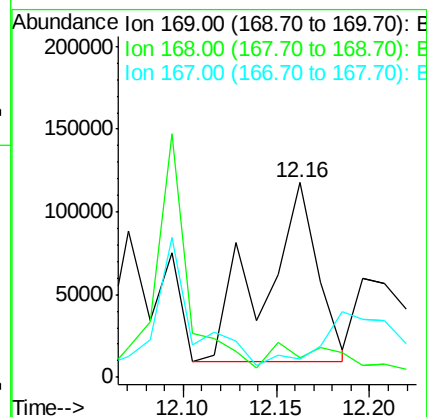
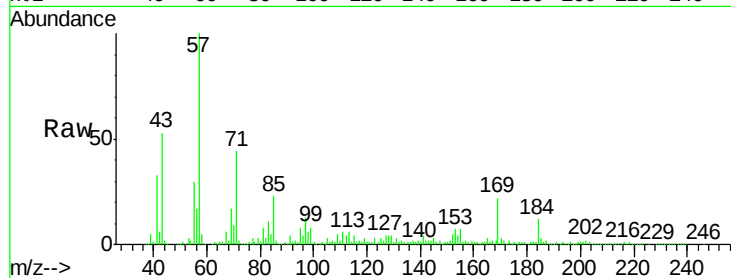
Tgt Ion:169 Resp: 218783

Ion Ratio Lower Upper

169 100

168 9.8 53.5 80.3#

167 9.4 29.8 44.6#



#70

Phenanthrene

Concen: 4.43 ng

RT: 13.21 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

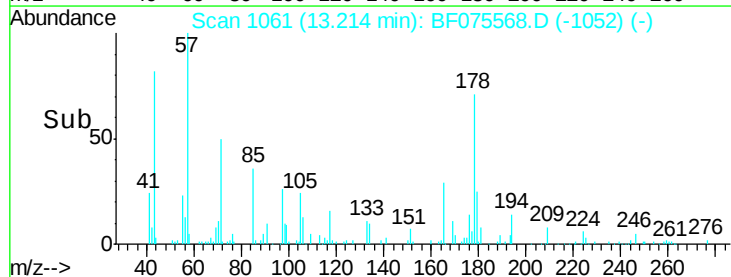
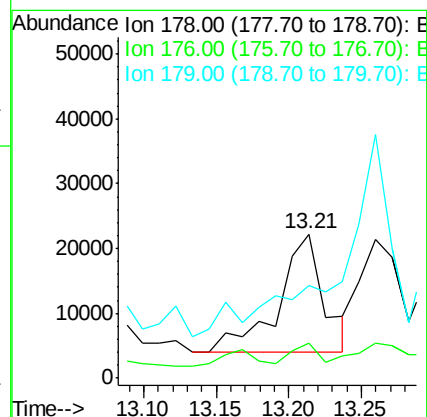
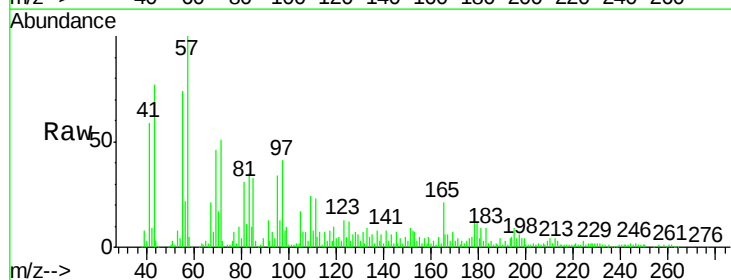
Tgt Ion:178 Resp: 39775

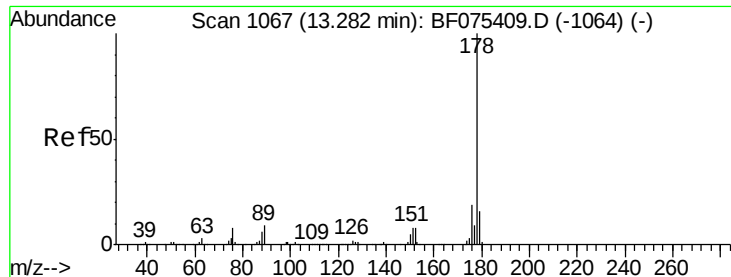
Ion Ratio Lower Upper

178 100

176 24.1 15.3 22.9#

179 64.5 12.2 18.4#

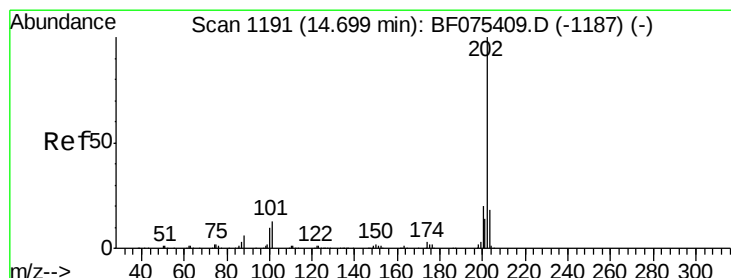
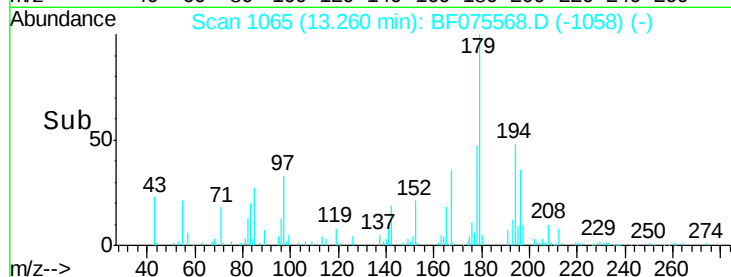
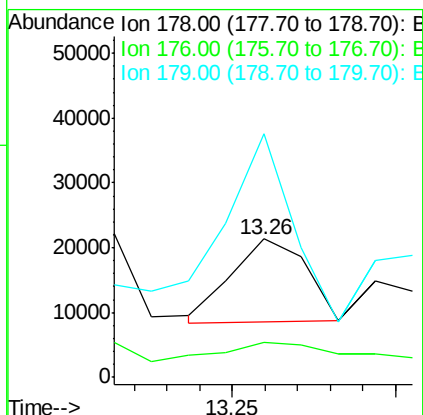
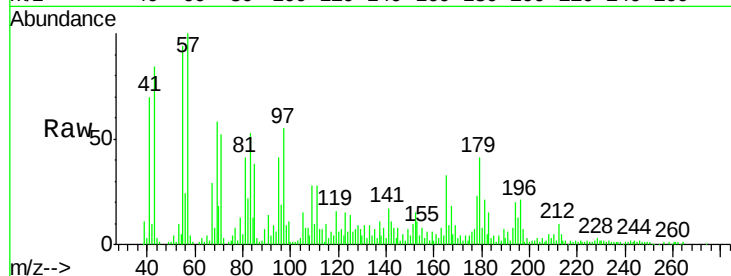




#71
 Anthracene
 Concen: 2.18 ng
 RT: 13.26 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

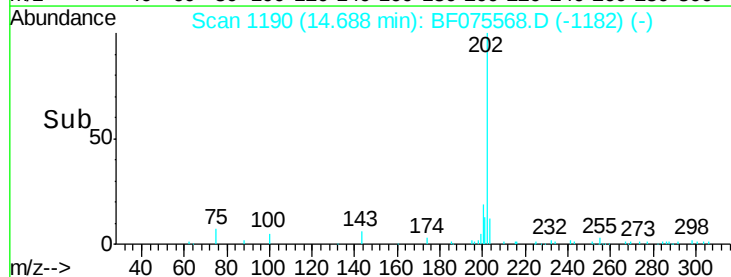
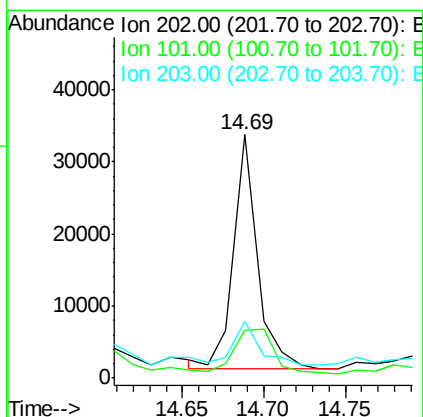
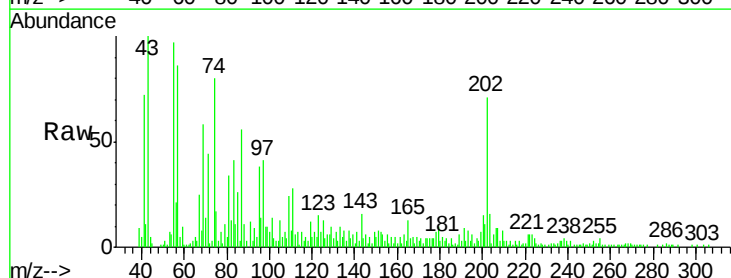
Instrument :
 BNA_F
 ClientSampleId :
 SB-74(7-9)

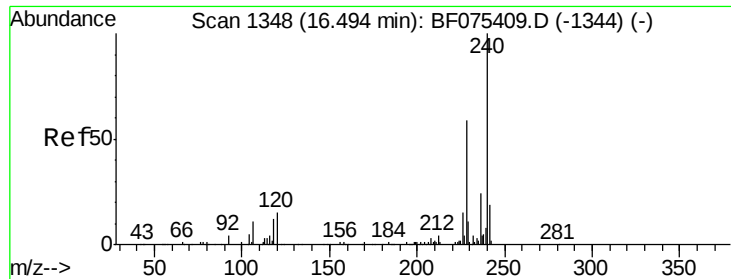
Tgt Ion:178 Resp: 20230
 Ion Ratio Lower Upper
 178 100
 176 25.4 15.1 22.7#
 179 176.0 12.2 18.2#



#74
 Fluoranthene
 Concen: 3.43 ng
 RT: 14.69 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF075568.D
 Acq: 16 Nov 2014 4:00

Tgt Ion:202 Resp: 33002
 Ion Ratio Lower Upper
 202 100
 101 19.9 0.0 36.6
 203 23.1 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.47 min Scan# 1346

Delta R.T. -0.07 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

Instrument :

BNA_F

ClientSampleId :

SB-74(7-9)

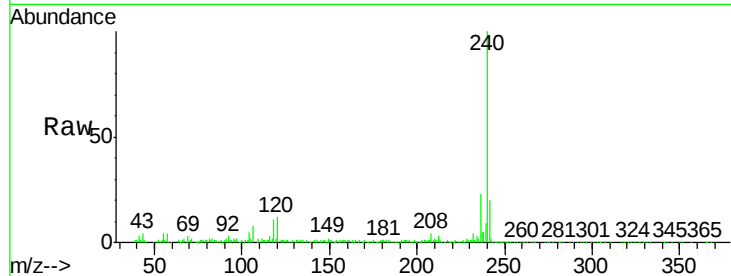
Tgt Ion:240 Resp: 201693

Ion Ratio Lower Upper

240 100

120 12.3 9.6 14.4

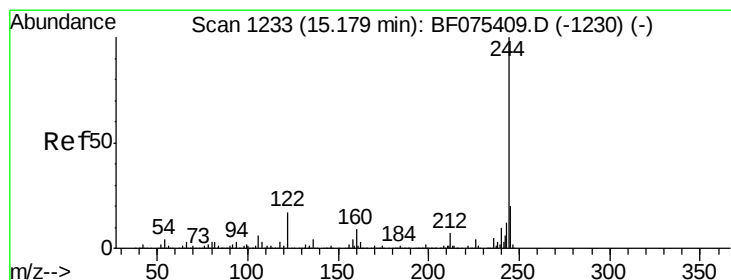
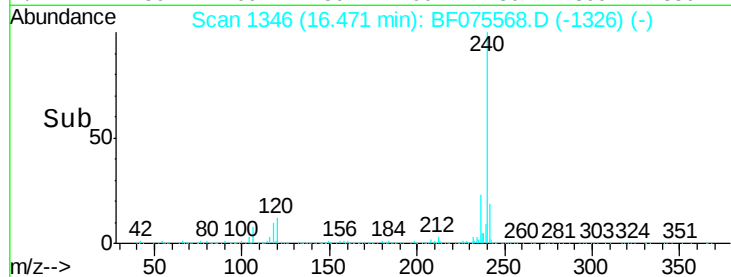
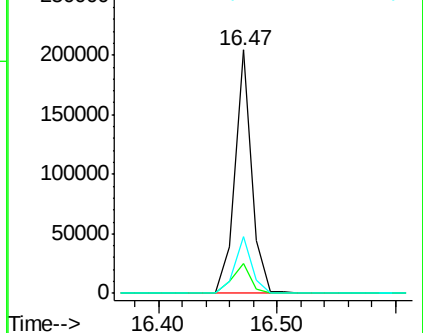
236 23.2 18.9 28.3



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



#78

Terphenyl-d14

Concen: 52.26 ng

RT: 15.17 min Scan# 1232

Delta R.T. -0.02 min

Lab File: BF075568.D

Acq: 16 Nov 2014 4:00

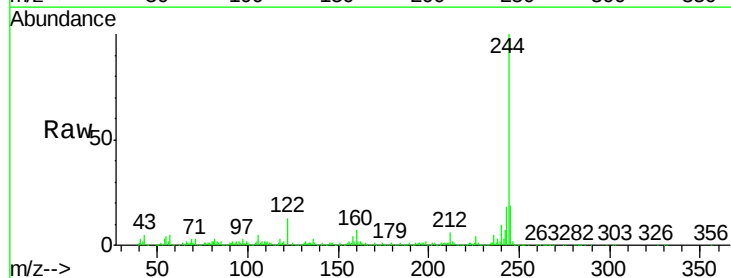
Tgt Ion:244 Resp: 391520

Ion Ratio Lower Upper

244 100

212 6.5 5.5 8.3

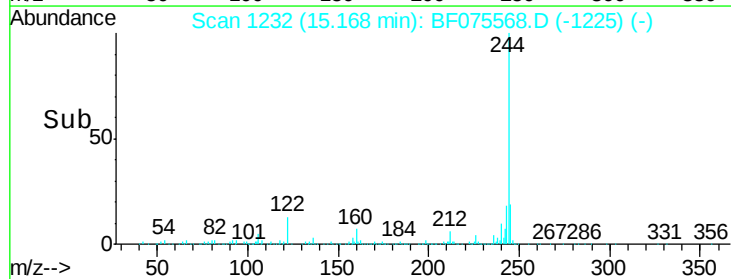
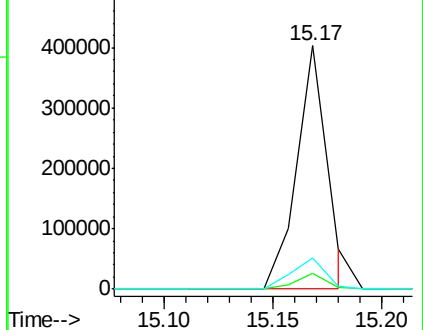
122 12.8 9.7 14.5

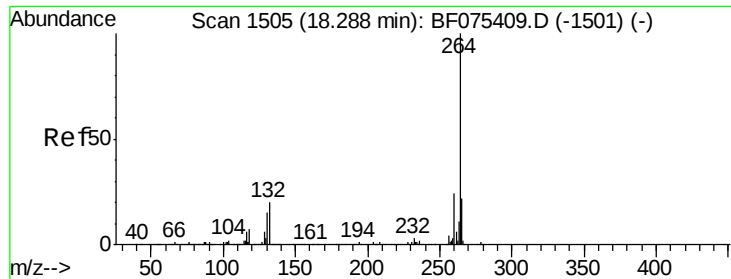


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

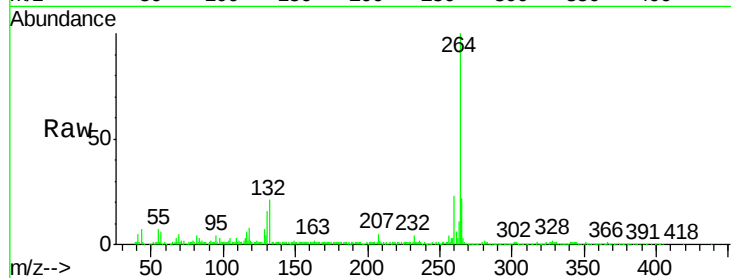




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.23 min Scan# 1500
Delta R.T. -0.21 min
Lab File: BF075568.D
Acq: 16 Nov 2014 4:00

Instrument :
BNA_F
ClientSampleId :
SB-74(7-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.9	26.9
265	21.9	16.3	24.5



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

