

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080985.D
 Acq On : 13 Aug 2015 17:32
 Operator : UM/IZ
 Sample : G3238-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)

Quant Time: Aug 14 00:38:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	34425	20.00	ng	-0.06
21) Naphthalene-d8	8.04	136	161777	20.00	ng	-0.06
38) Acenaphthene-d10	9.79	164	80005	20.00	ng	-0.06
63) Phenanthrene-d10	11.26	188	149793	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	49014	20.00	ng	-0.08
86) Perylene-d12	15.27	264	32085	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	131981	62.64	ng	-0.05
7) Phenol-d6	6.40	99	106404	36.85	ng	-0.05
23) Nitrobenzene-d5	7.32	82	254885	74.53	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	88028	100.15	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	519404	91.40	ng	-0.06
78) Terphenyl-d14	12.85	244	296241	124.84	ng	-0.06

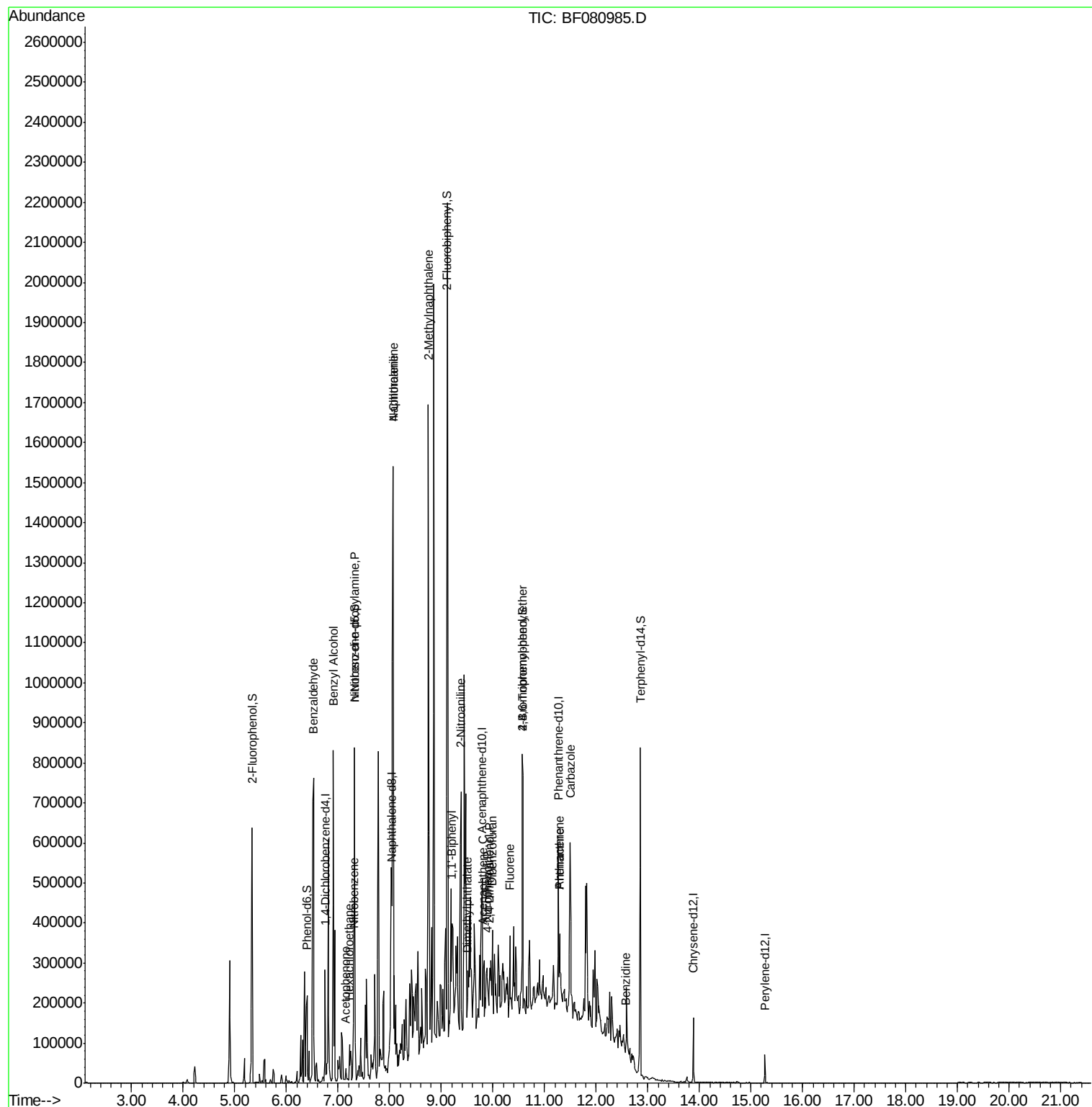
Target Compounds						Qvalue
9) Benzaldehyde	6.52	77	7331	3.77	ng	80
15) Benzyl Alcohol	6.91	79	5964	2.52	ng	# 45
18) Hexachloroethane	7.22	117	5674	5.51	ng	# 1
19) n-Nitroso-di-n-propylamine	7.32	70	36751	17.41	ng	# 80
22) Acetophenone	7.15	105	8578	2.16	ng	# 54
24) Nitrobenzene	7.30	77	13005	3.69	ng	# 34
31) Naphthalene	8.06	128	737037	82.65	ng	98
33) 4-Chloroaniline	8.06	127	106689	29.44	ng	# 35
37) 2-Methylnaphthalene	8.75	142	501457	88.34	ng	97
45) 1,1'-Biphenyl	9.21	154	49163	7.16	ng	95
47) 2-Nitroaniline	9.38	65	7511	3.50	ng	# 34
49) Dimethylphthalate	9.50	163	27073	4.07	ng	# 94
51) Acenaphthene	9.81	154	24468	4.29	ng	97
53) 2,4-Dinitrophenol	9.94	184	1284	7.56	ng	# 1
54) Dibenzofuran	9.98	168	17681	2.29	ng	# 63
55) 4-Nitrophenol	9.89	139	4734	3.74	ng	88
57) Fluorene	10.33	166	38301	6.42	ng	# 98
66) 4-Bromophenyl-phenylether	10.58	248	6787	4.28	ng	# 1
70) Phenanthrene	11.29	178	59737	7.04	ng	99
71) Anthracene	11.29	178	59737	7.11	ng	99
72) Carbazole	11.49	167	193524	23.67	ng	# 95
76) Benzidine	12.57	184	791	2.52	ng	# 1

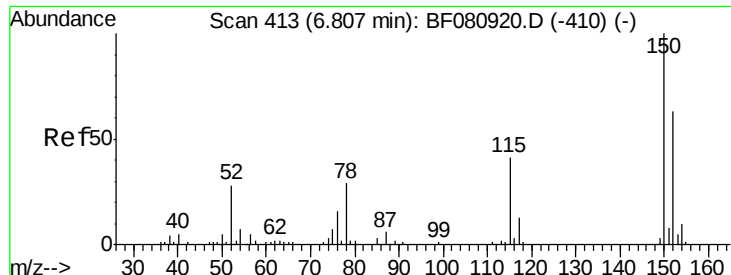
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

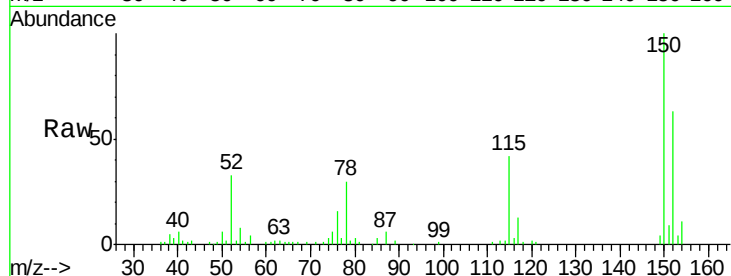
Tot Ion:152 Resp: 34425

Ion Ratio Lower Upper

152 100

150 158.9 127.4 191.2

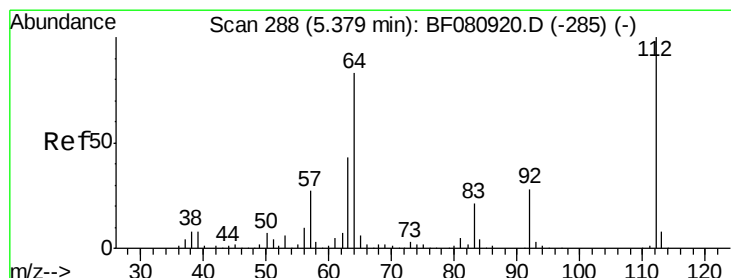
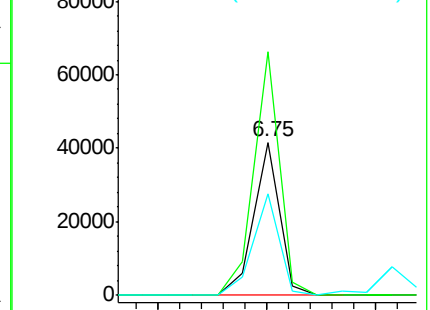
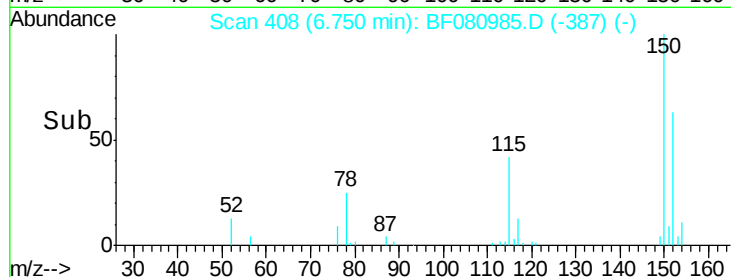
115 66.4 52.6 78.8



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: 62.64 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.05 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

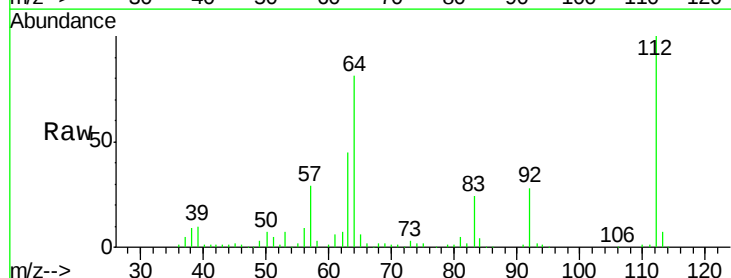
Tgt Ion:112 Resp: 131981

Ion Ratio Lower Upper

112 100

64 81.0 66.1 99.1

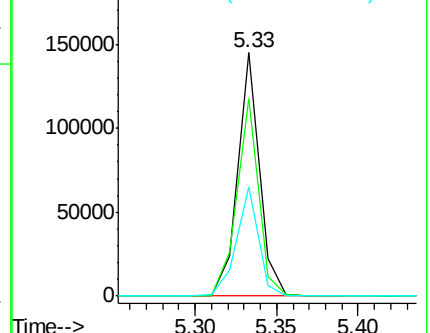
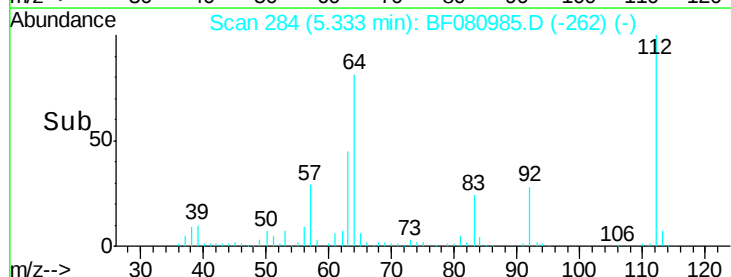
63 44.8 34.6 52.0

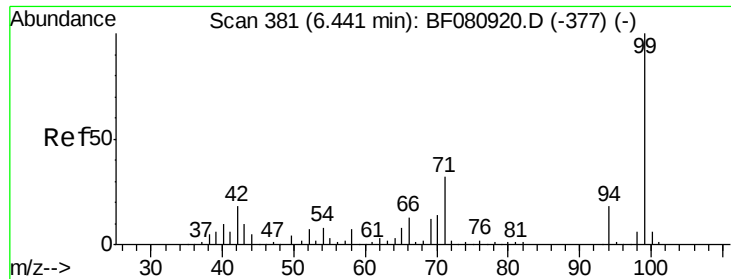


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.85 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

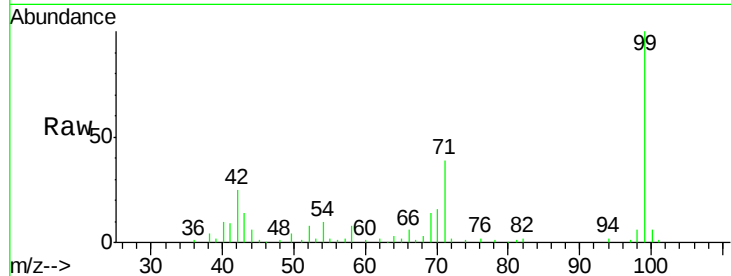
Tot Ion: 99 Resp: 106404

Ion Ratio Lower Upper

99 100

42 24.7 14.4 21.6#

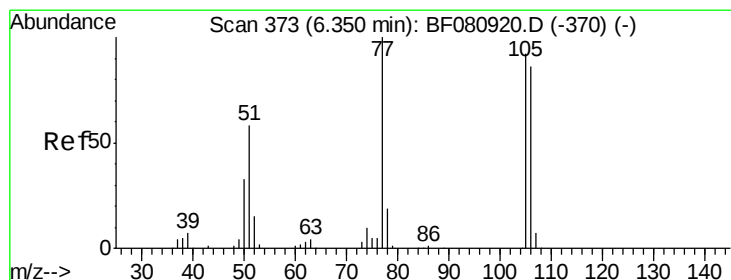
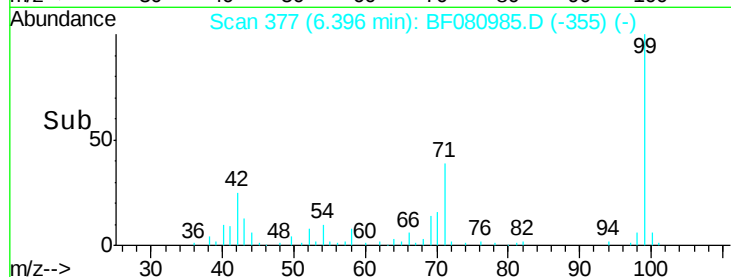
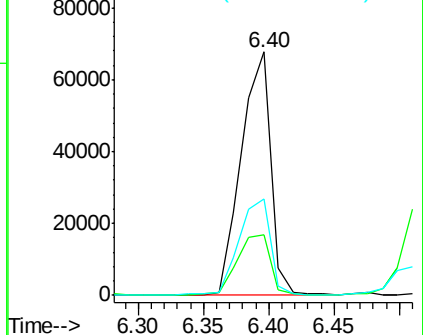
71 39.3 25.8 38.8#



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: 3.77 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.17 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

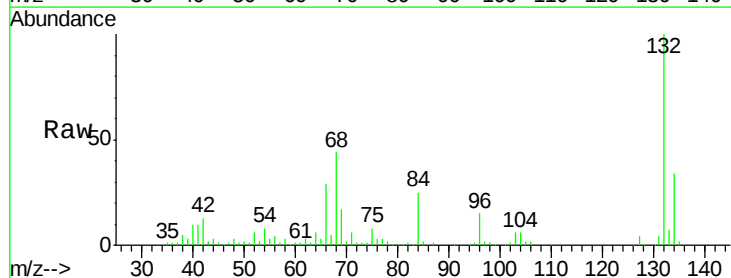
Tgt Ion: 77 Resp: 7331

Ion Ratio Lower Upper

77 100

105 74.4 71.6 111.6

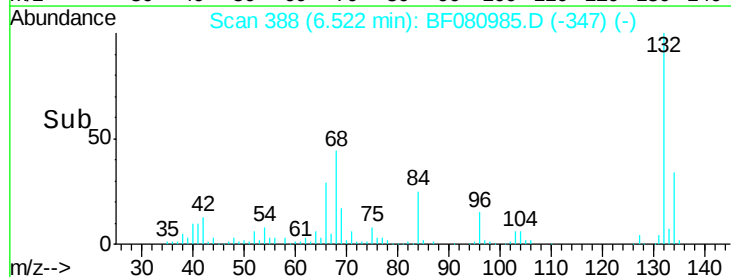
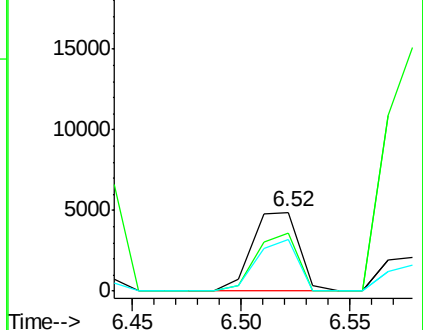
106 66.2 65.7 105.7

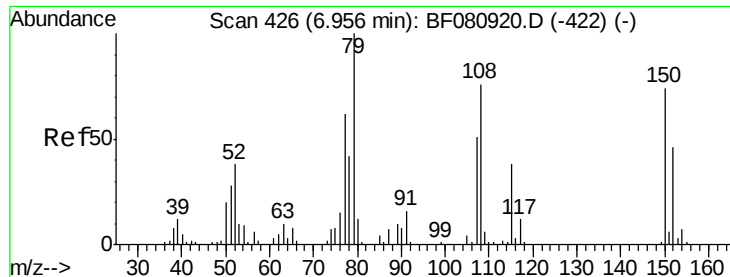


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.52 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.05 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

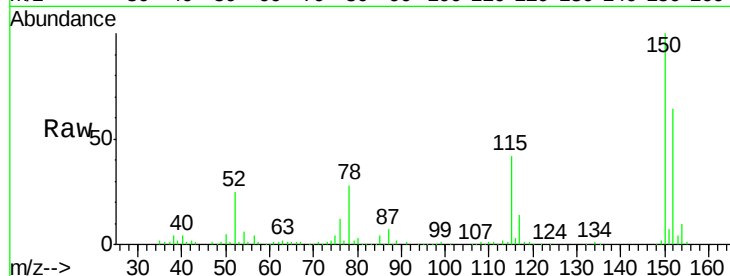
Tot Ion: 79 Resp: 5964

Ion Ratio Lower Upper

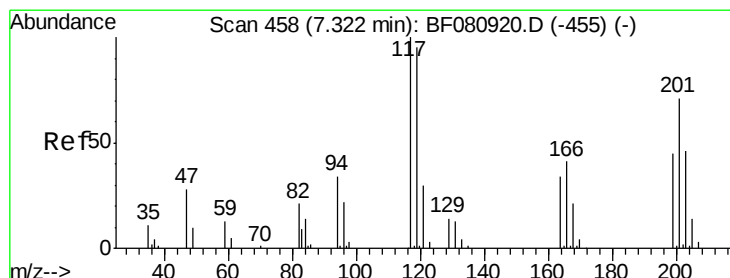
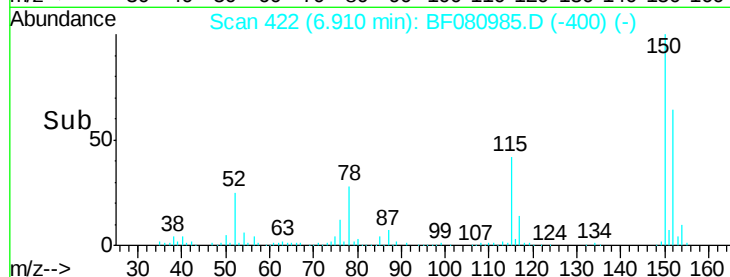
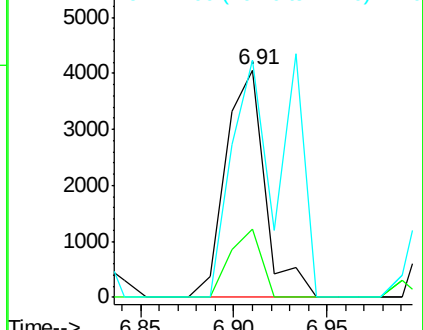
79 100

108 29.8 60.9 91.3#

77 104.4 49.4 74.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 5.51 ng

RT: 7.22 min Scan# 449

Delta R.T. -0.10 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

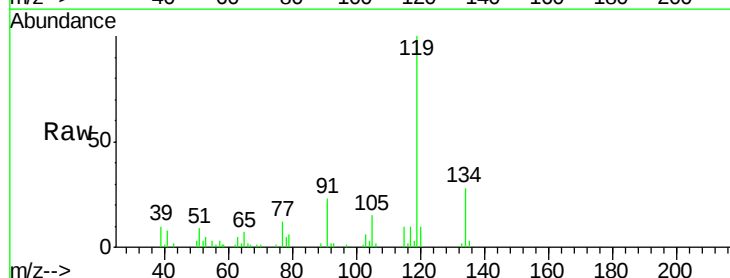
Tgt Ion: 117 Resp: 5674

Ion Ratio Lower Upper

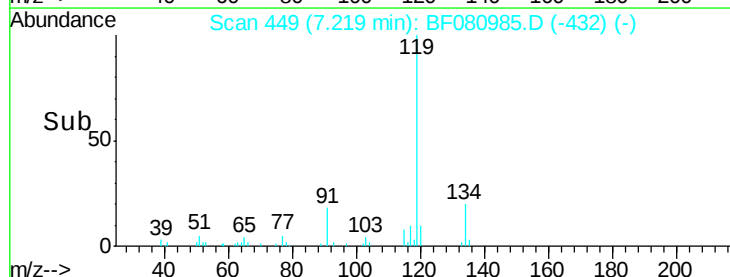
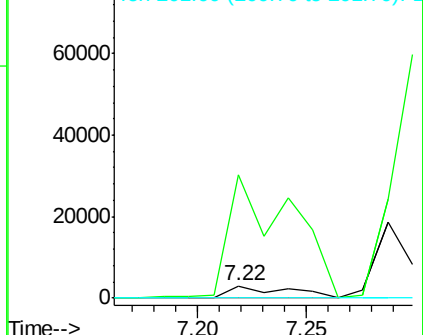
117 100

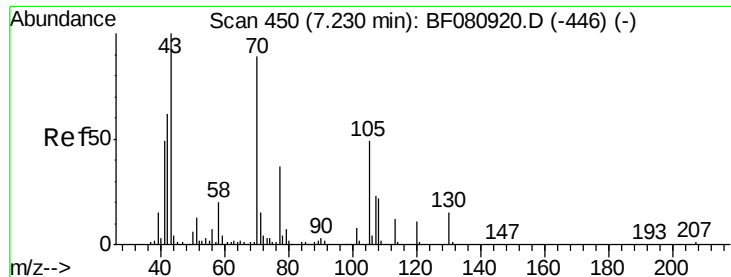
119 1013.8 76.3 114.5#

201 0.0 57.0 85.6#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.41 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.09 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

Tot Ion: 70 Resp: 36751

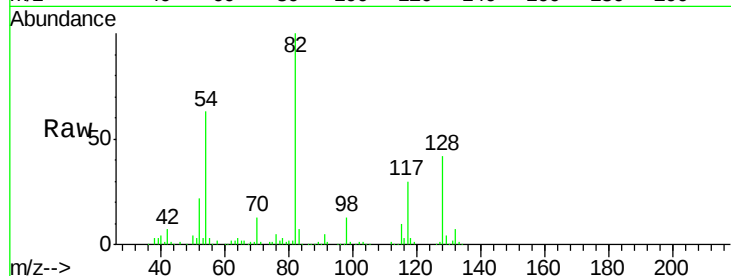
Ion Ratio Lower Upper

70 100

42 55.3 55.7 83.5#

101 1.3 7.0 10.6#

130 3.4 13.8 20.8#

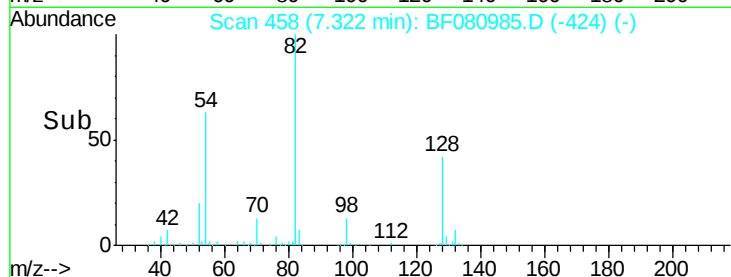


Abundance Ion 70.00 (69.70 to 70.70): BF0

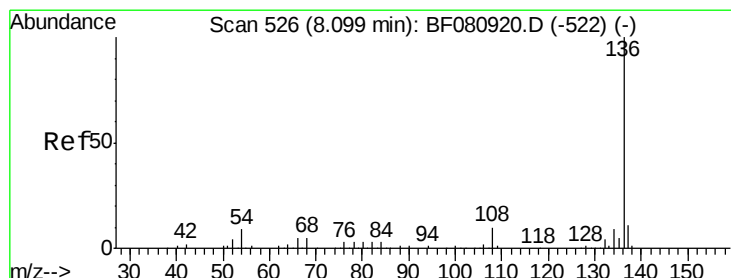
Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Tgt Ion: 136 Resp: 161777

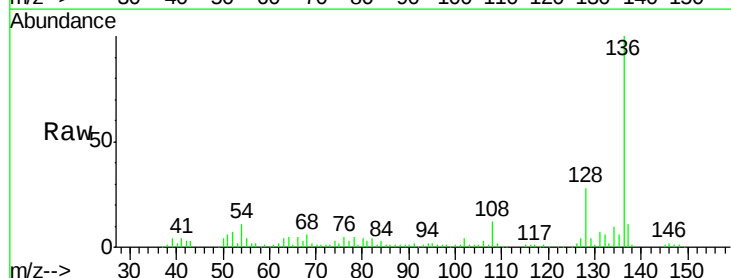
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.0 7.1 10.7#

68 5.6 3.8 5.8

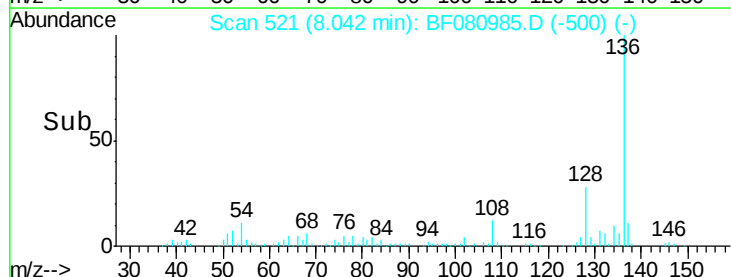


Abundance Ion 136.00 (135.70 to 136.70): BF0

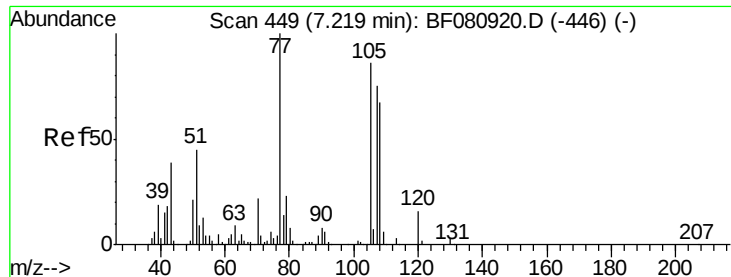
Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.16 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.07 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

Tot Ion:105 Resp: 8578

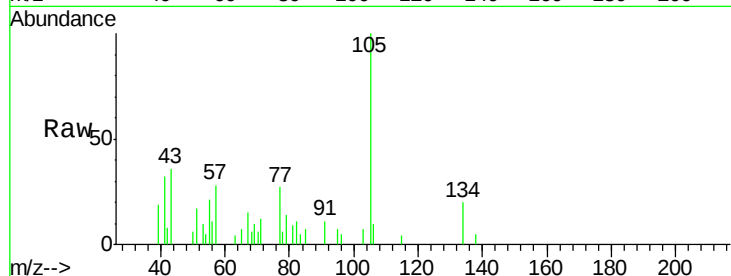
Ion Ratio Lower Upper

105 100

71 11.9 3.3 4.9#

51 17.2 41.8 62.6#

120 0.0 15.1 22.7#



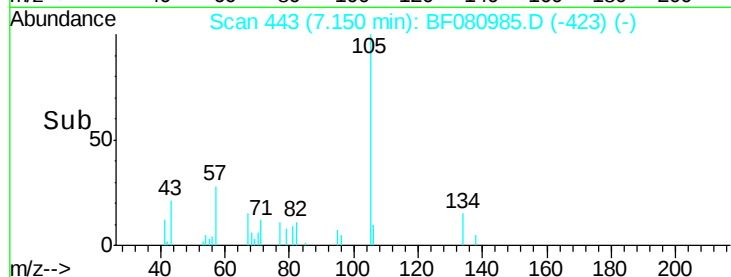
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

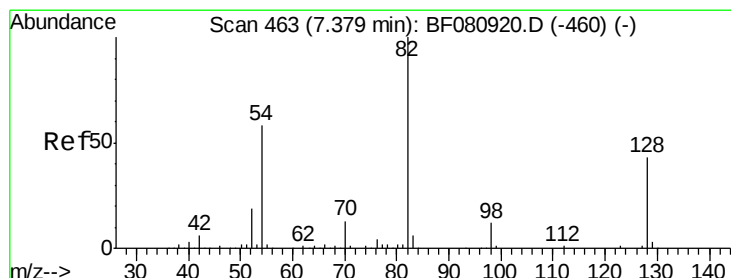
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 74.53 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

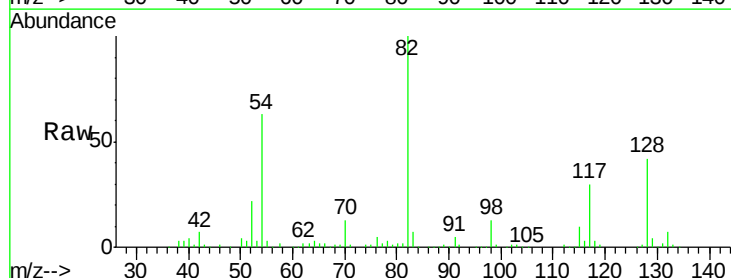
Tgt Ion: 82 Resp: 254885

Ion Ratio Lower Upper

82 100

128 42.0 34.1 51.1

54 62.7 46.5 69.7

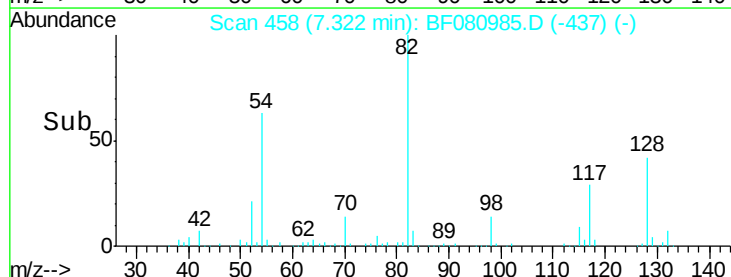


Abundance Ion 82.00 (81.70 to 82.70): BF0

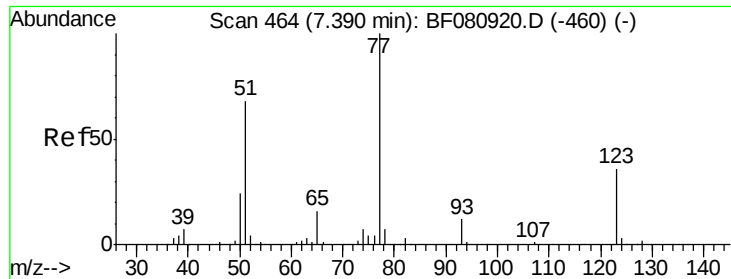
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



Time-->



#24

Nitrobenzene

Concen: 3.69 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.09 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

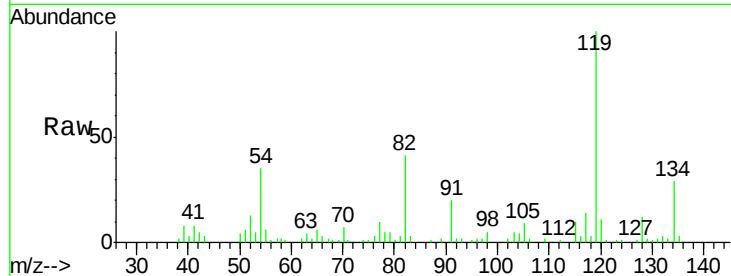
Tot Ion: 77 Resp: 13005

Ion Ratio Lower Upper

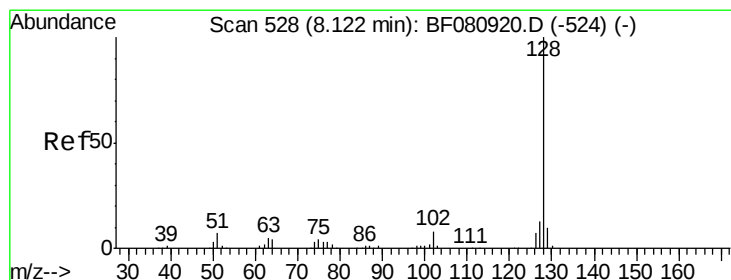
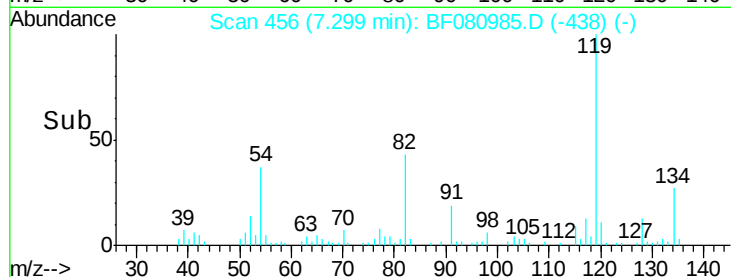
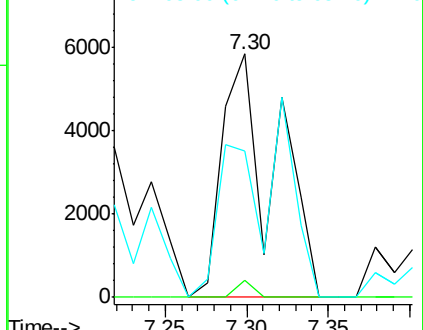
77 100

123 7.0 28.7 43.1#

65 60.1 12.5 18.7#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 82.65 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

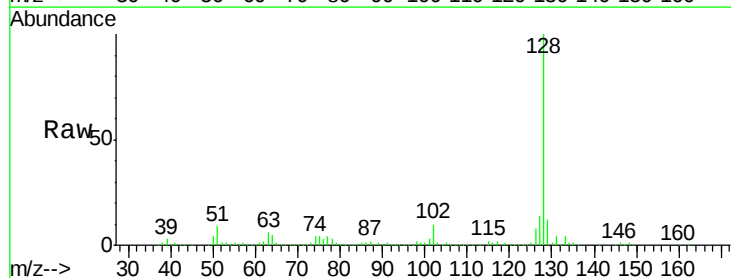
Tgt Ion: 128 Resp: 737037

Ion Ratio Lower Upper

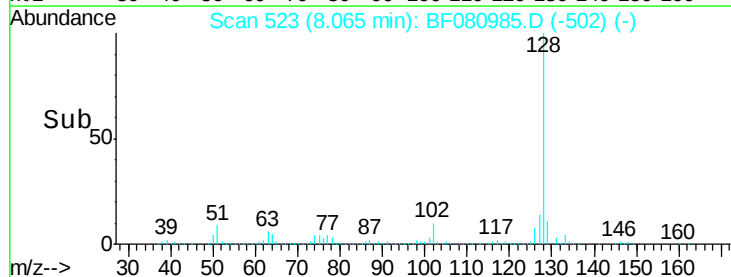
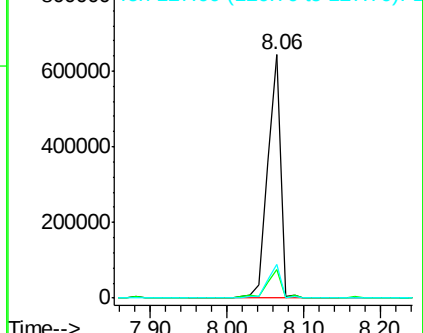
128 100

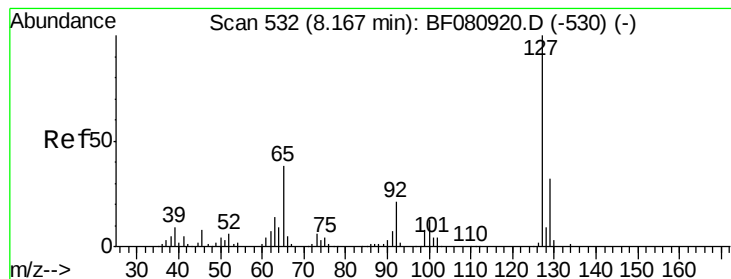
129 11.6 8.4 12.6

127 13.8 10.5 15.7



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





#33

4-Chloroaniline

Concen: 29.44 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.10 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

Tot Ion:127 Resp: 106689

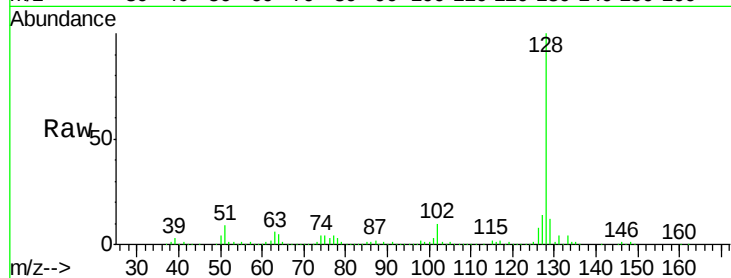
Ion Ratio Lower Upper

127 100

129 83.7 25.9 38.9#

65 4.8 30.6 45.8#

92 1.1 16.9 25.3#

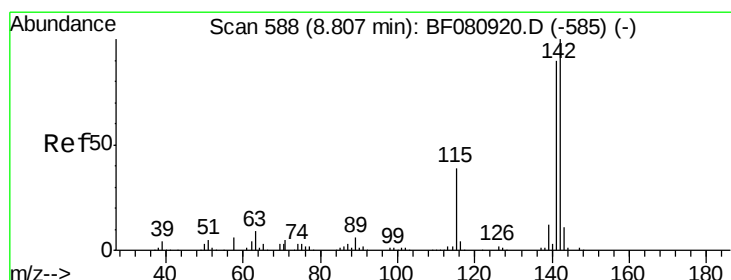
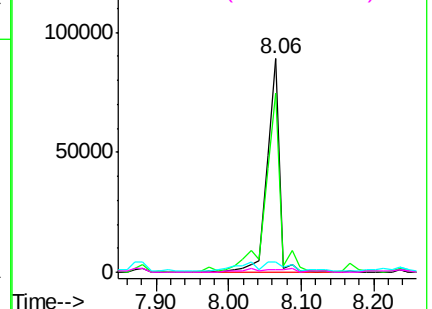
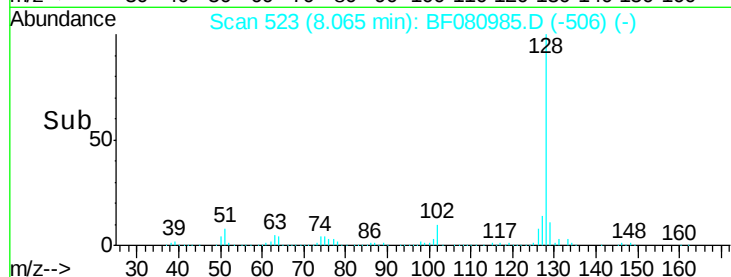


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#37

2-Methylnaphthalene

Concen: 88.34 ng

RT: 8.75 min Scan# 583

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

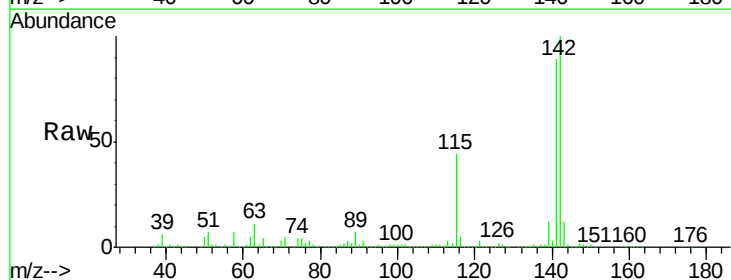
Tgt Ion:142 Resp: 501457

Ion Ratio Lower Upper

142 100

141 89.0 71.7 107.5

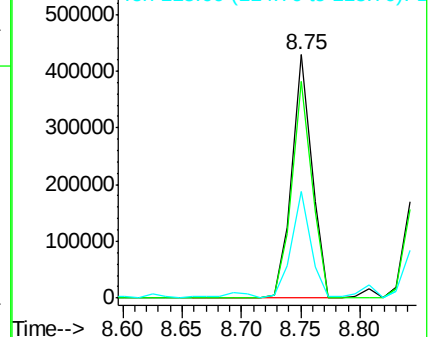
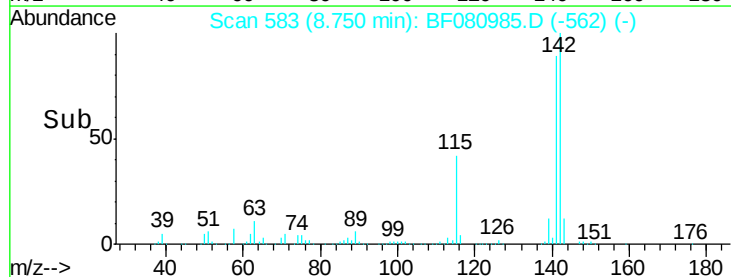
115 43.6 30.9 46.3

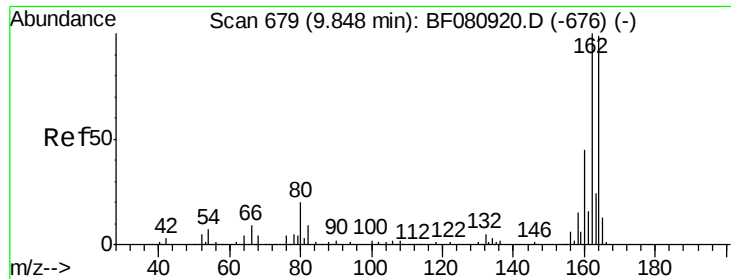


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.79 min Scan# 674

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampled :

S-A(2)

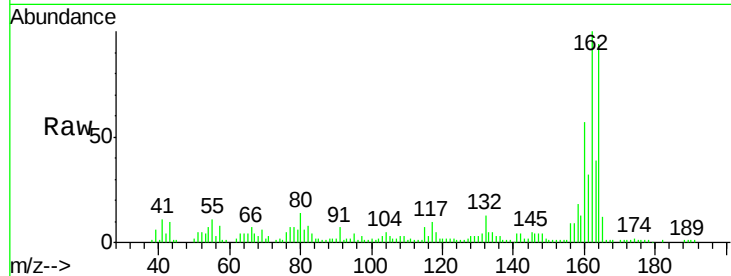
Tot Ion:164 Resp: 80005

Ion Ratio Lower Upper

164 100

162 106.6 80.5 120.7

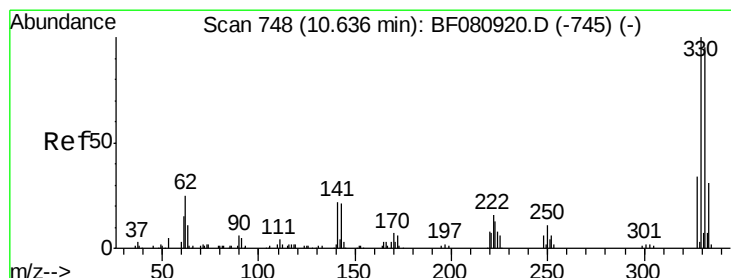
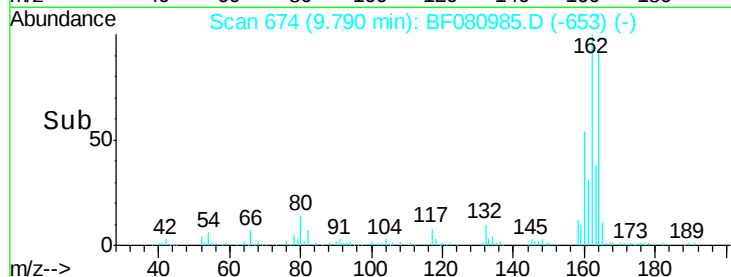
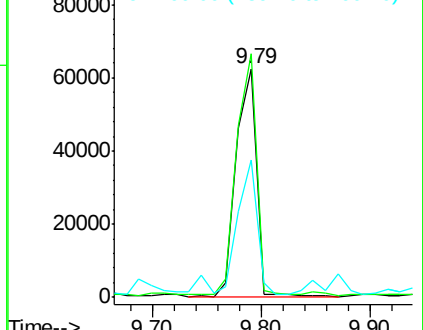
160 60.2 36.6 54.8#



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: 100.15 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.06 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

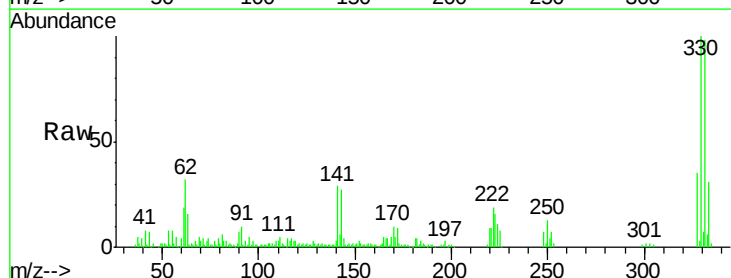
Tgt Ion:330 Resp: 88028

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

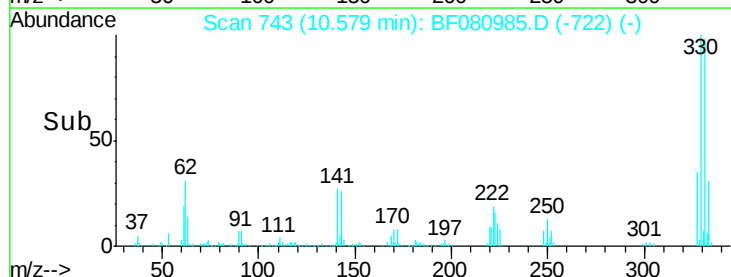
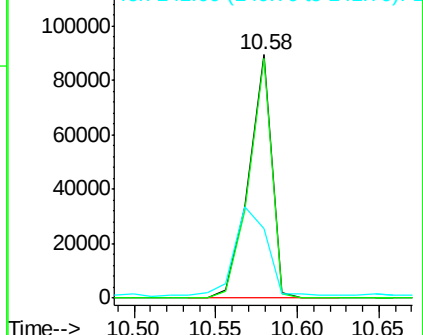
141 51.3 27.8 41.8#

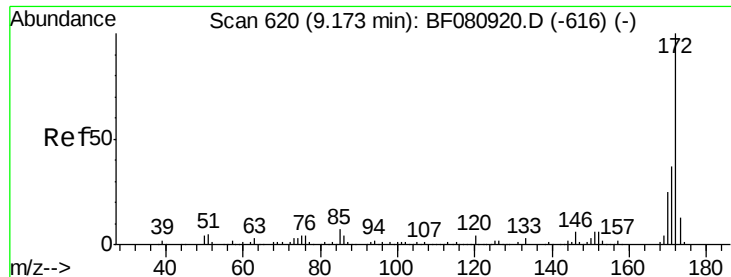


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

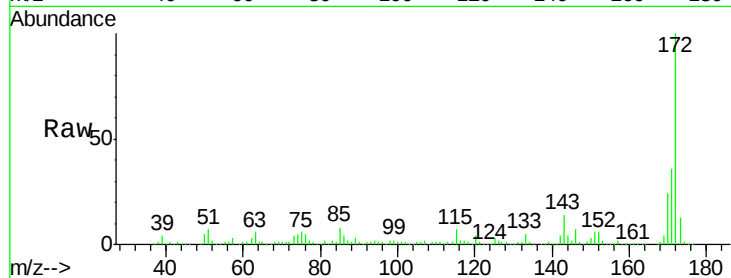




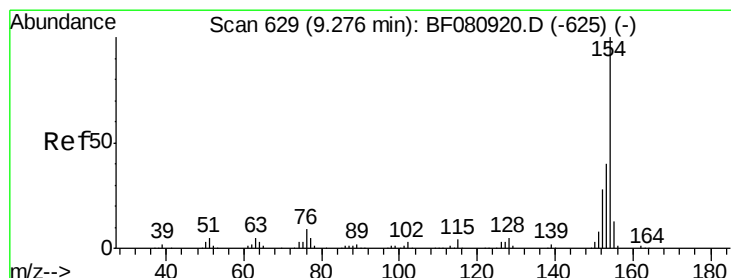
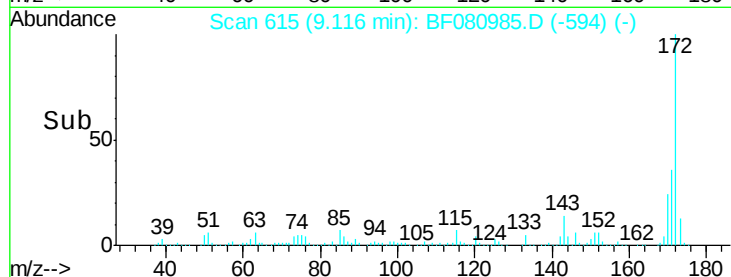
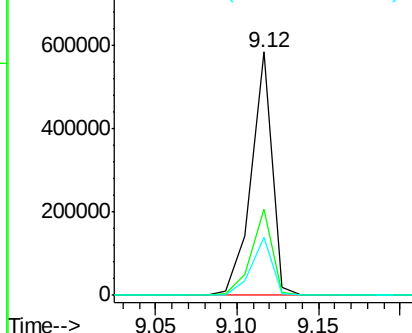
#44
 2-Fluorobiphenyl
 Concen: 91.40 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)

Tot Ion	172	Resp	519404
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.4	44.0
170	24.0	19.7	29.5

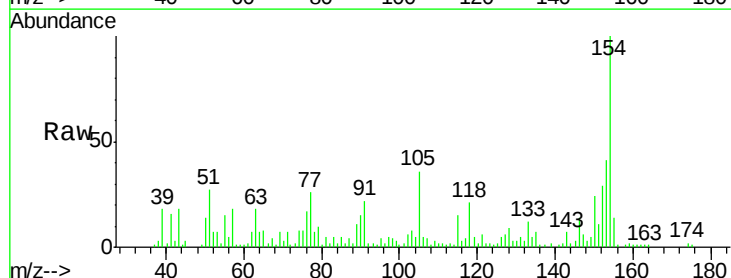


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

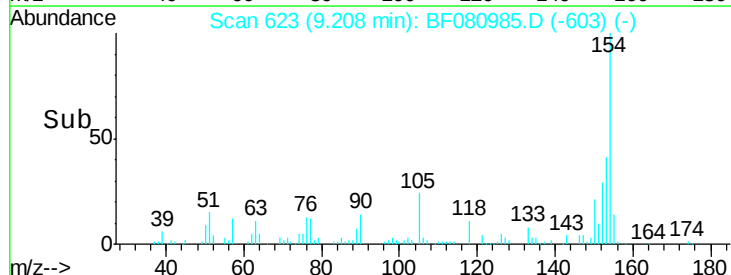
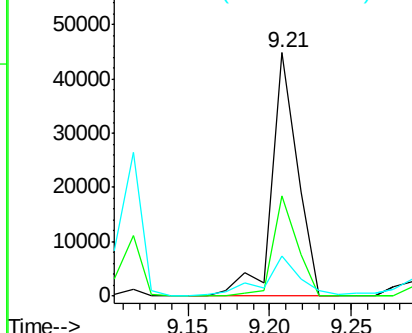


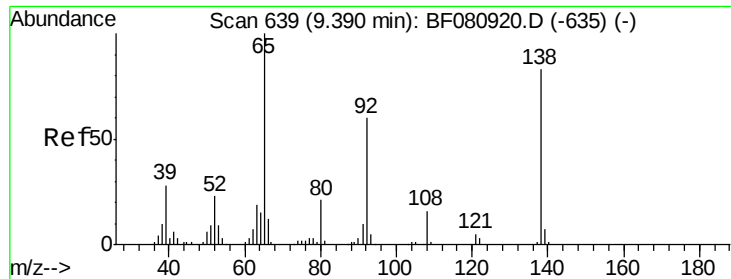
#45
 1,1'-Biphenyl
 Concen: 7.16 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.07 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Tgt Ion	154	Resp	49163
Ion Ratio	Lower	Upper	
154	100		
153	41.2	20.1	60.1
76	16.5	0.0	29.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

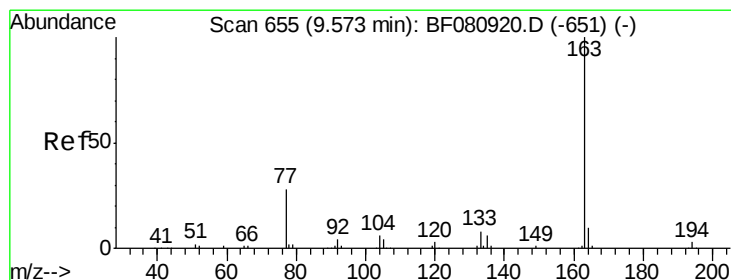
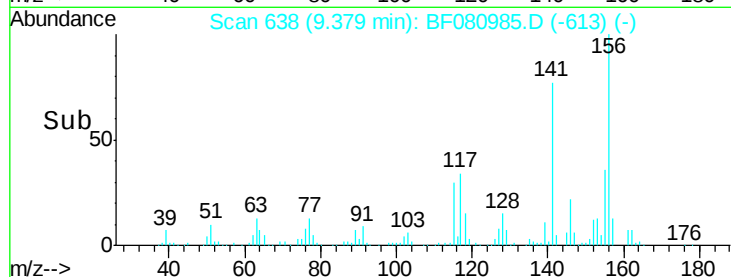
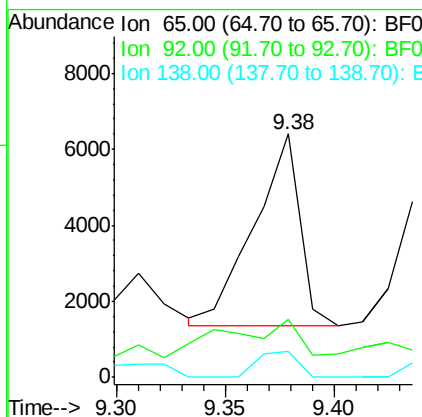
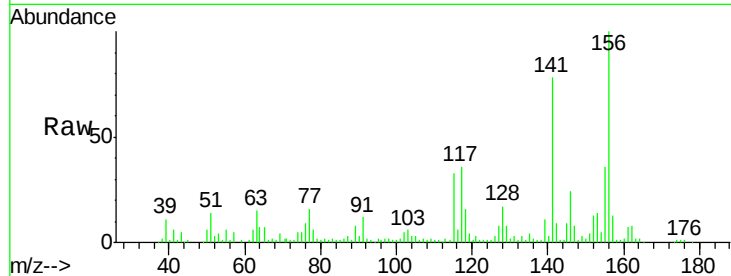




#47
2-Nitroaniline
Concen: 3.50 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

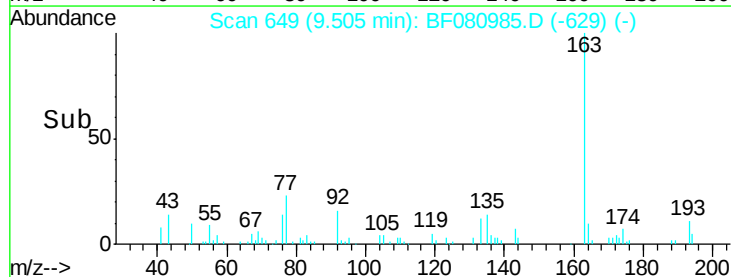
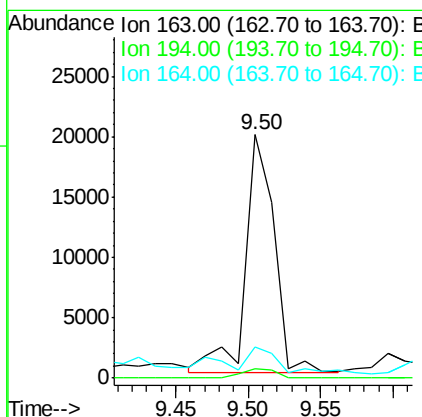
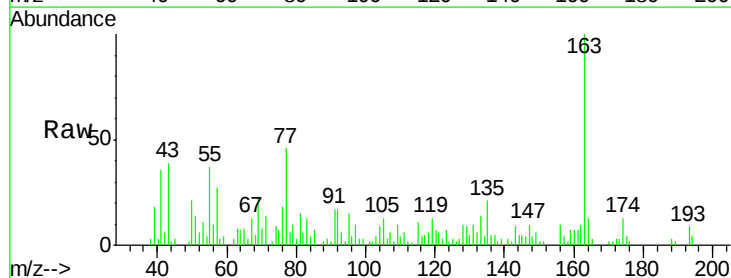
Instrument :
BNA_F
ClientSampleId :
S-A(2)

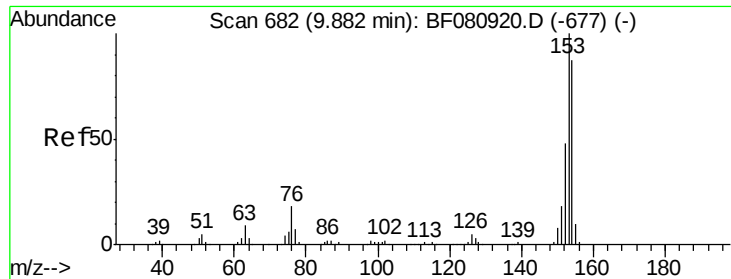
Tot Ion: 65 Resp: 7511
Ion Ratio Lower Upper
65 100
92 23.7 48.0 72.0#
138 10.9 66.1 99.1#



#49
Dimethylphthalate
Concen: 4.07 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

Tgt Ion: 163 Resp: 27073
Ion Ratio Lower Upper
163 100
194 4.0 2.4 3.6#
164 13.0 8.2 12.4#





#51

Acenaphthene

Concen: 4.29 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

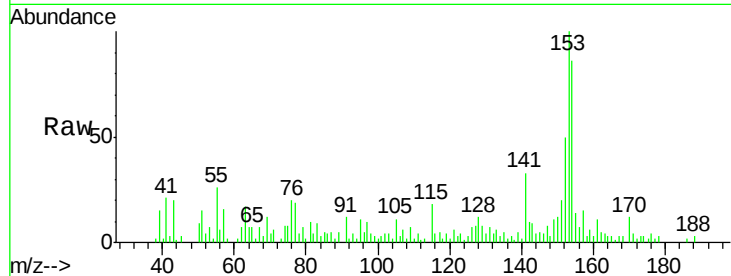
Tot Ion:154 Resp: 24468

Ion Ratio Lower Upper

154 100

153 116.2 91.4 137.2

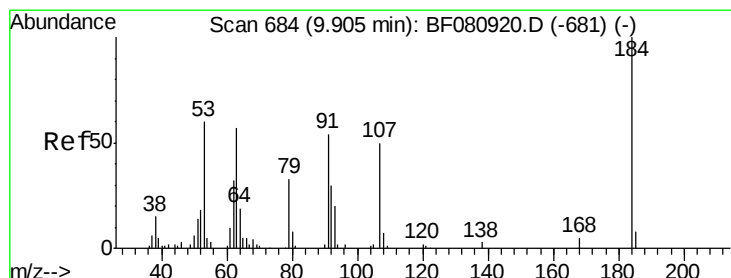
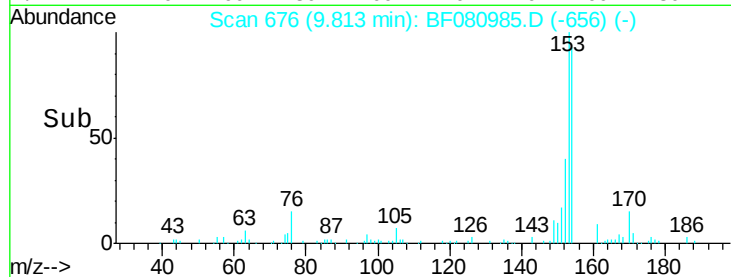
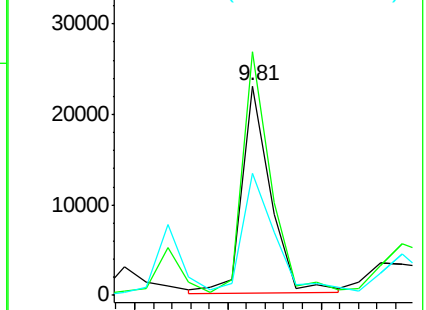
152 58.5 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 7.56 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.04 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

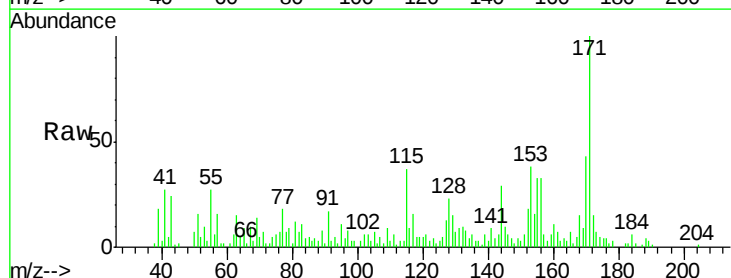
Tgt Ion:184 Resp: 1284

Ion Ratio Lower Upper

184 100

63 244.0 59.7 89.5#

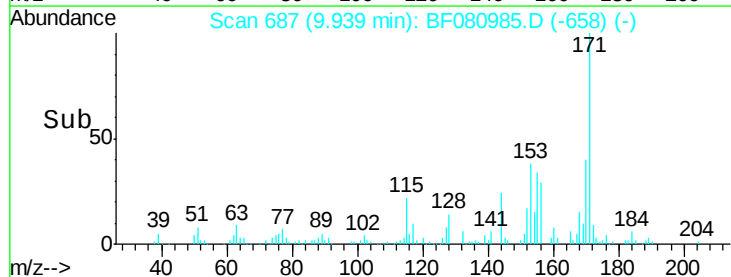
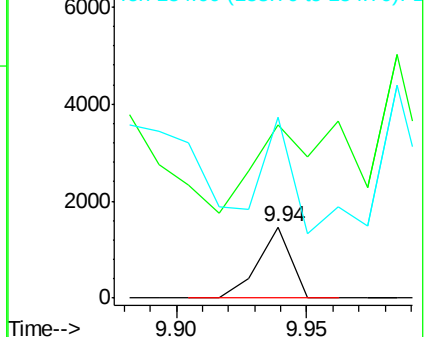
154 254.8 53.8 80.8#

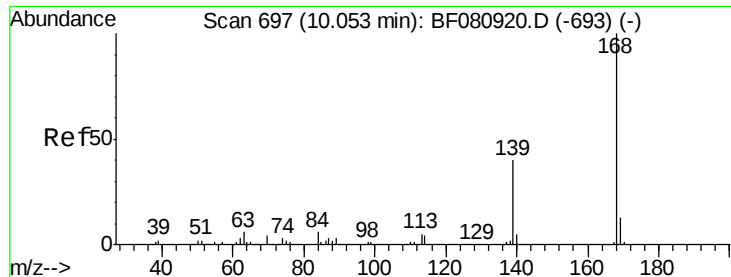


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

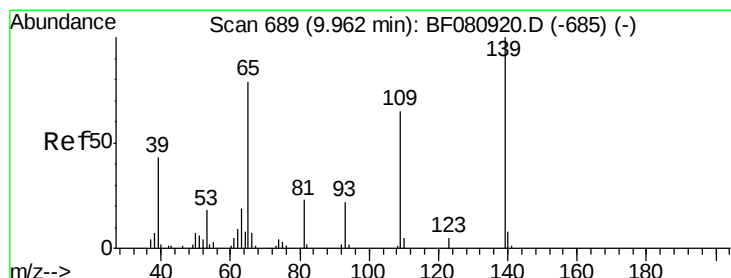
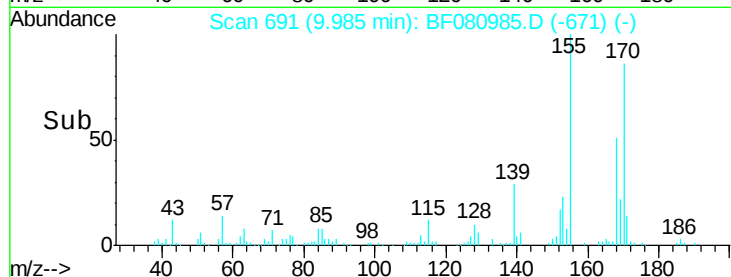
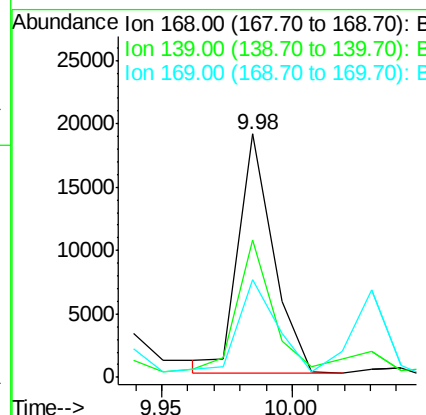
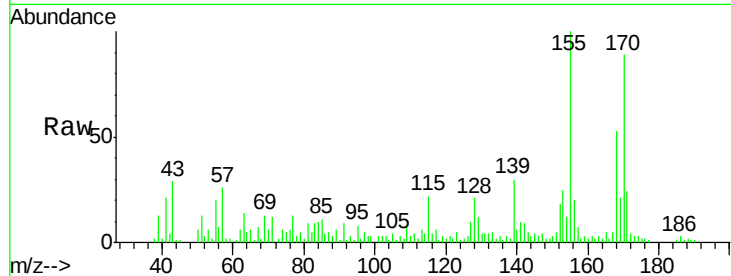




#54
Dibenzofuran
Concen: 2.29 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.07 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

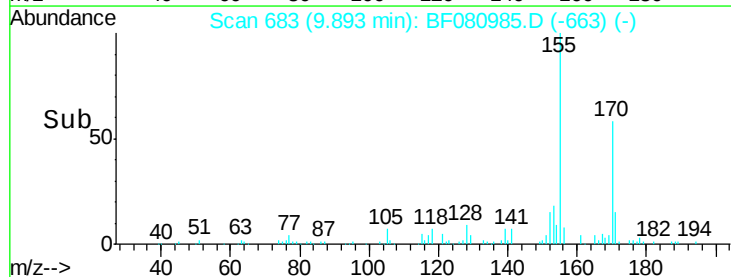
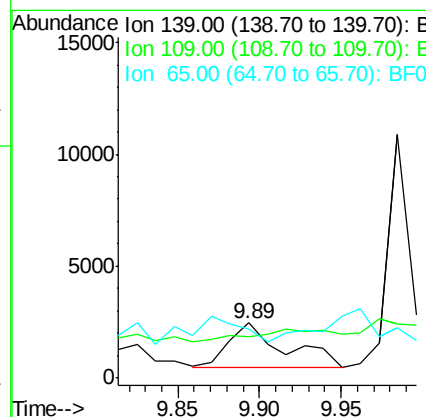
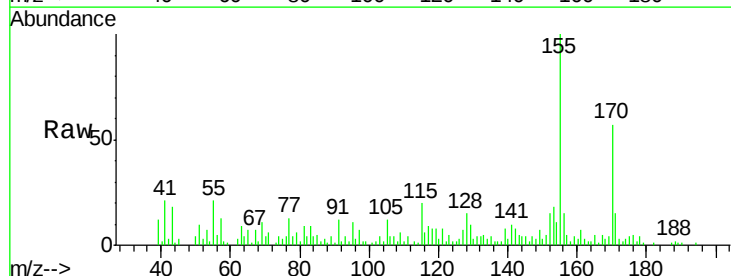
Instrument :
BNA_F
ClientSampleId :
S-A(2)

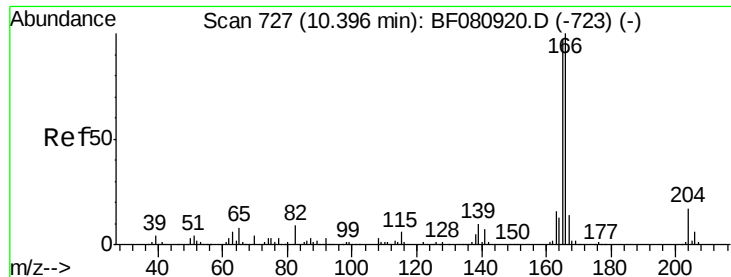
Tot Ion:168 Resp: 17681
Ion Ratio Lower Upper
168 100
139 56.7 31.9 47.9#
169 39.9 10.6 15.8#



#55
4-Nitrophenol
Concen: 3.74 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.07 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

Tgt Ion:139 Resp: 4734
Ion Ratio Lower Upper
139 100
109 75.0 44.7 84.7
65 89.4 59.5 99.5

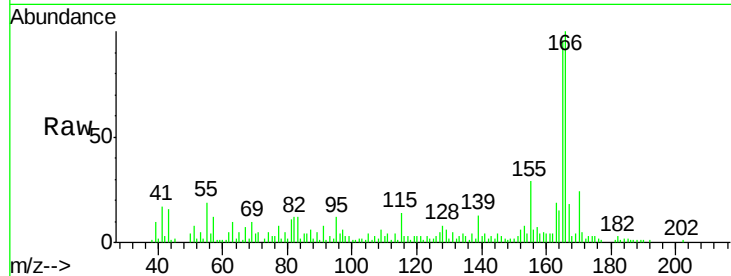




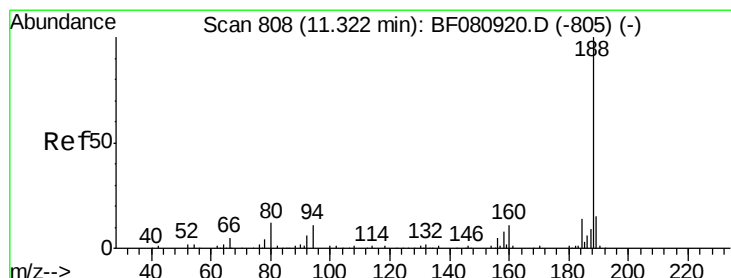
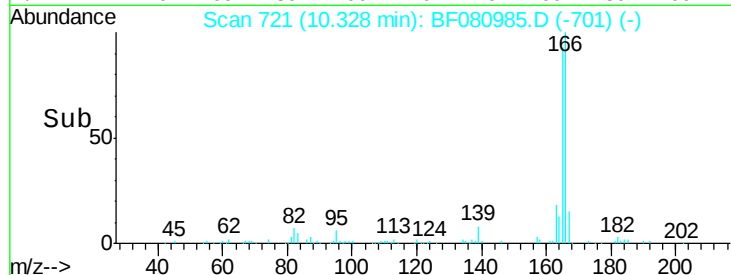
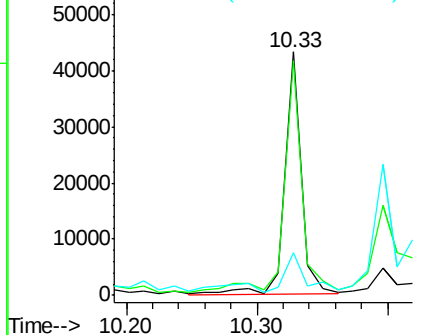
#57
Fluorene
 Concen: 6.42 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.07 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)

Tot Ion:166 Resp: 38301
 Ion Ratio Lower Upper
 166 100
 165 96.2 77.2 115.8
 167 17.6 10.8 16.2#

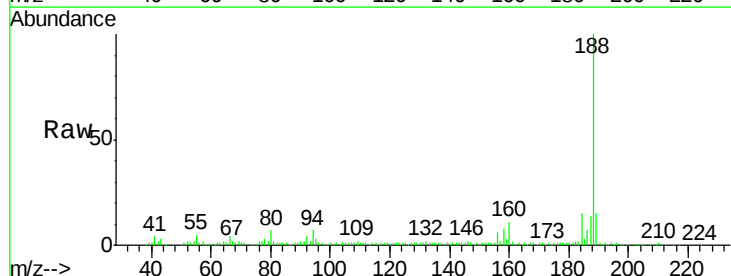


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

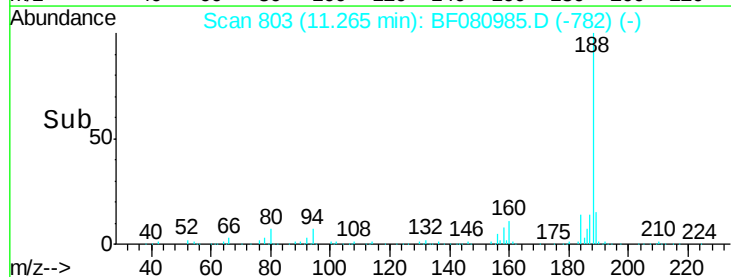
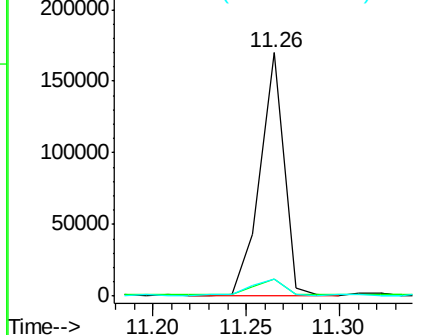


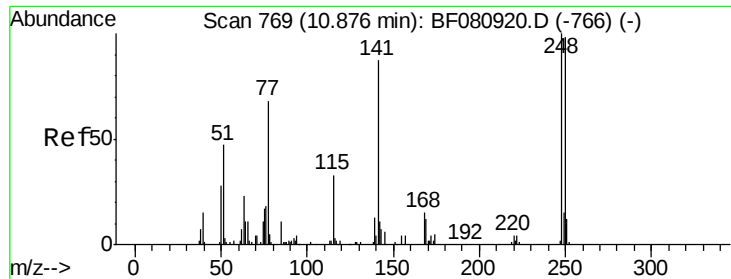
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Tgt Ion:188 Resp: 149793
 Ion Ratio Lower Upper
 188 100
 94 7.1 8.8 13.2#
 80 7.1 9.5 14.3#



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

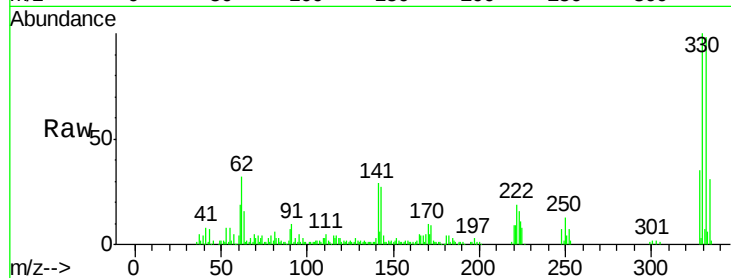




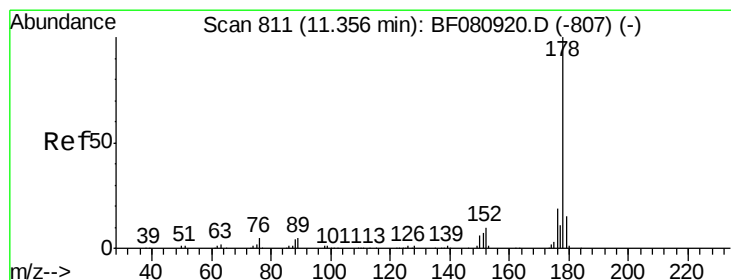
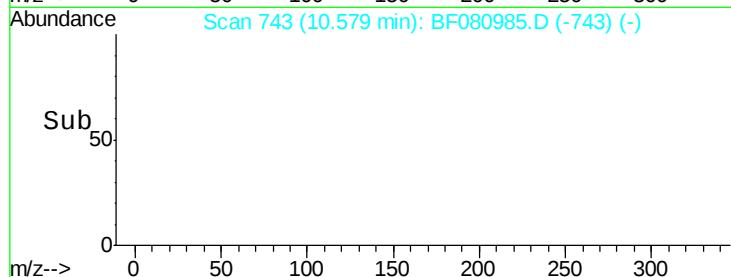
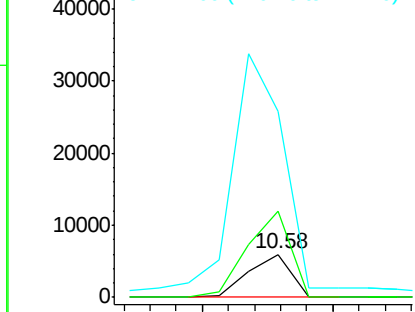
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.30 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

Instrument :
BNA_F
ClientSampleId :
S-A(2)

Tot Ion:248 Resp: 6787
Ion Ratio Lower Upper
248 100
250 202.2 78.1 117.1#
141 435.7 69.6 104.4#

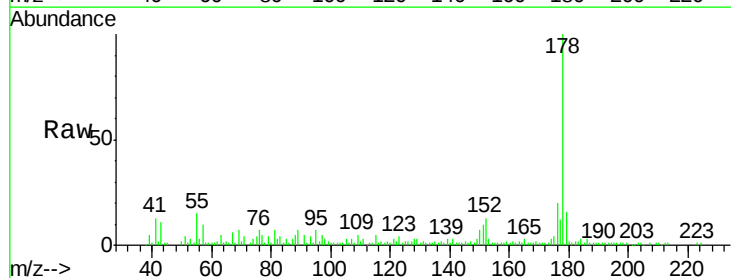


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

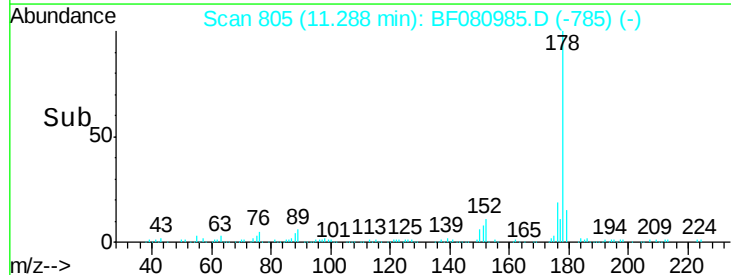
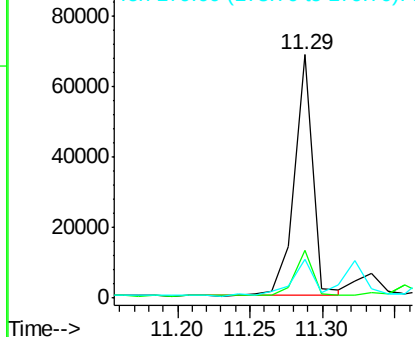


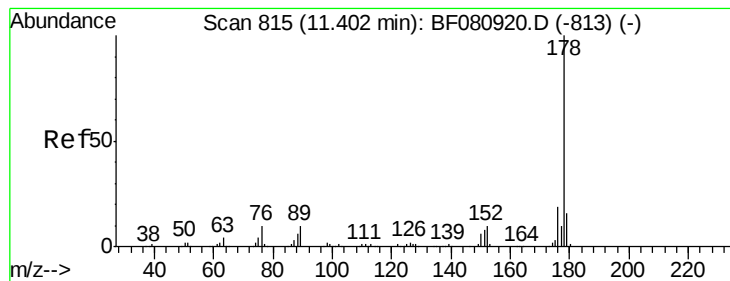
#70
Phenanthrene
Concen: 7.04 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.07 min
Lab File: BF080985.D
Acq: 13 Aug 2015 17:32

Tgt Ion:178 Resp: 59737
Ion Ratio Lower Upper
178 100
176 19.6 15.6 23.4
179 16.0 11.9 17.9



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: 7.11 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.11 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

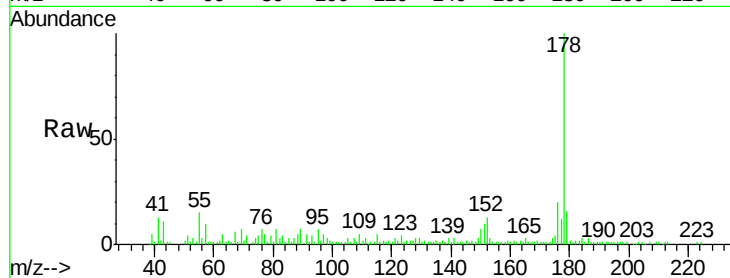
Tot Ion:178 Resp: 59737

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

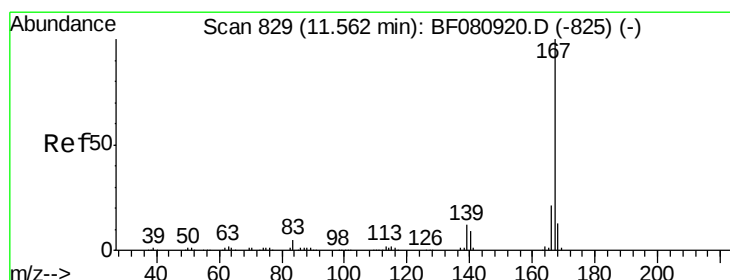
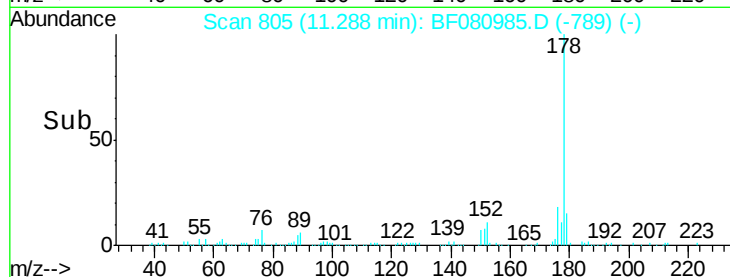
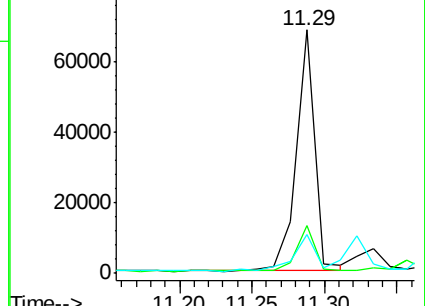
179 16.0 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 23.67 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.07 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

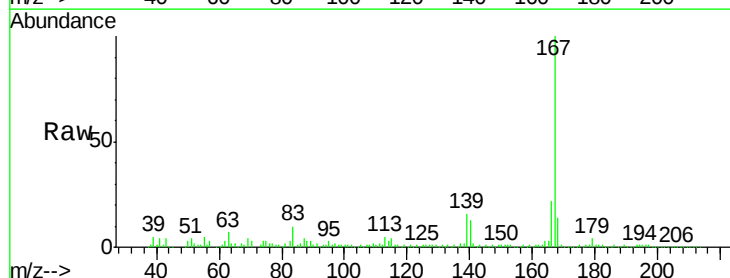
Tgt Ion:167 Resp: 193524

Ion Ratio Lower Upper

167 100

166 22.1 17.1 25.7

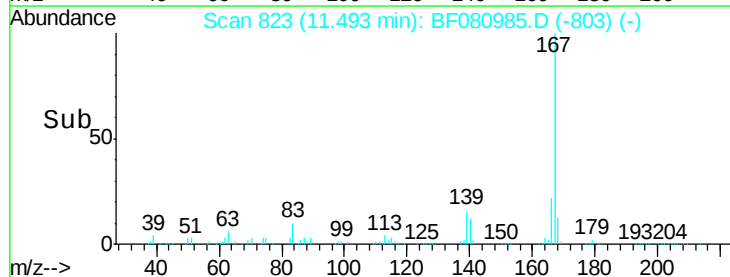
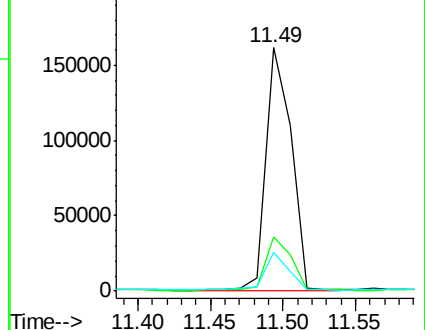
139 16.1 9.2 13.8#

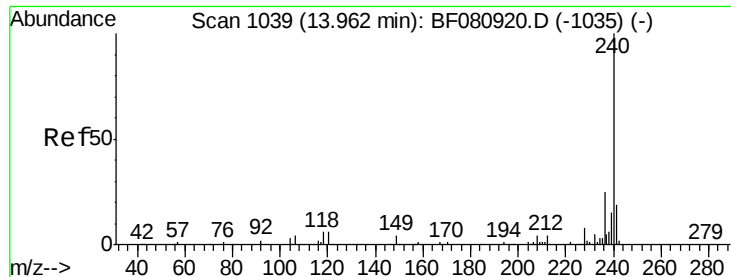


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.08 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

Instrument :

BNA_F

ClientSampleId :

S-A(2)

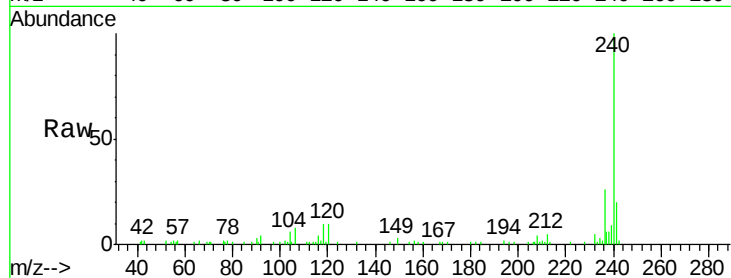
Tot Ion:240 Resp: 49014

Ion Ratio Lower Upper

240 100

120 10.1 5.2 7.8#

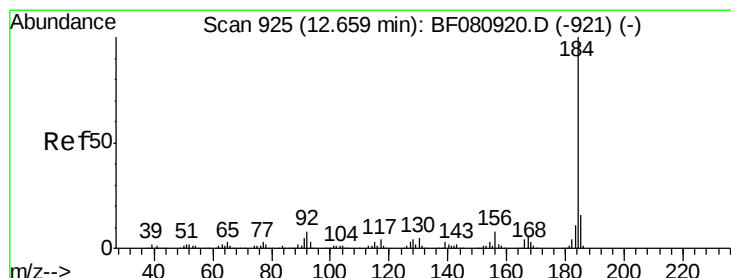
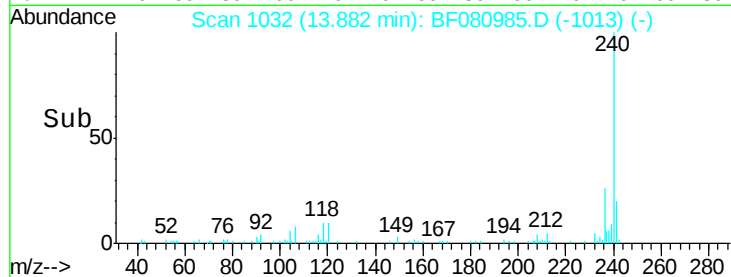
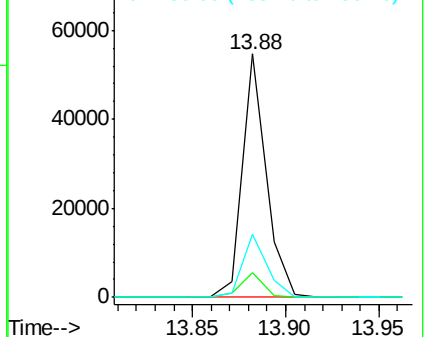
236 26.0 20.2 30.4



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



#76

Benzidine

Concen: 2.52 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.09 min

Lab File: BF080985.D

Acq: 13 Aug 2015 17:32

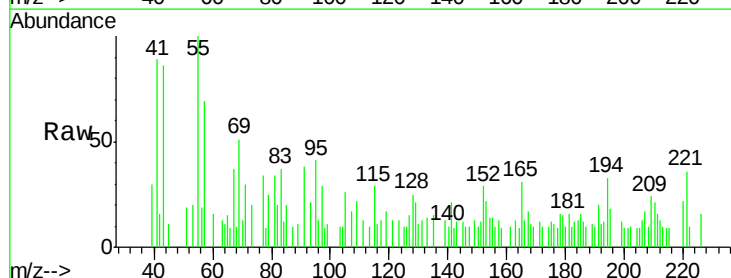
Tgt Ion:184 Resp: 791

Ion Ratio Lower Upper

184 100

185 124.9 13.0 19.4#

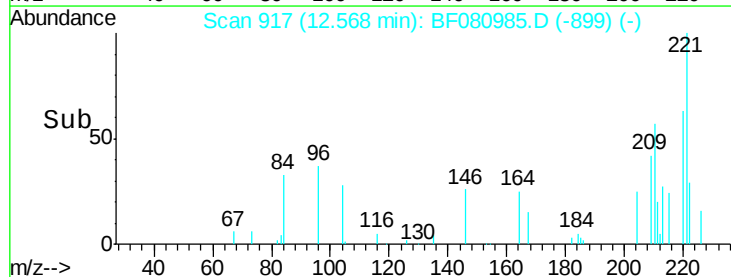
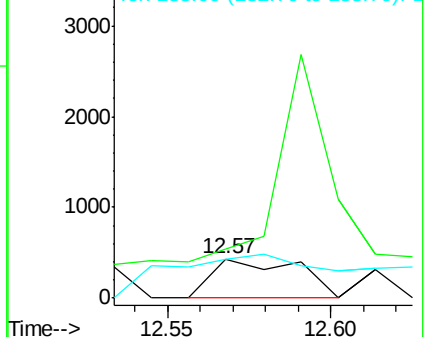
183 98.2 8.7 13.1#

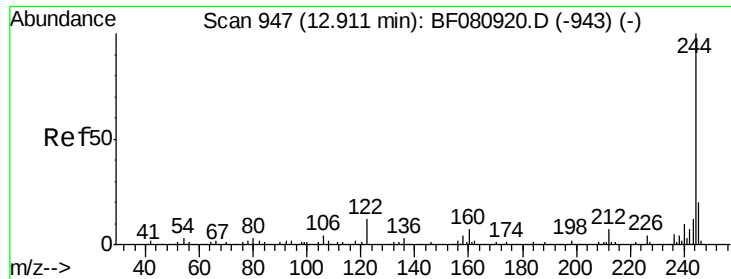


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

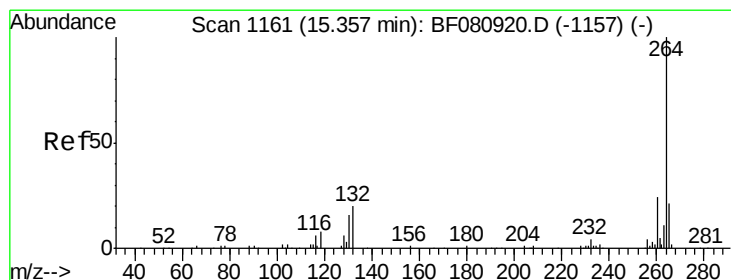
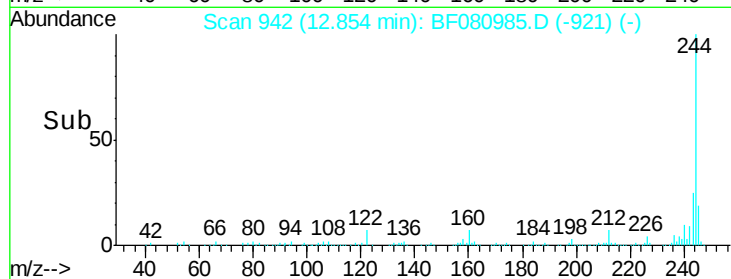
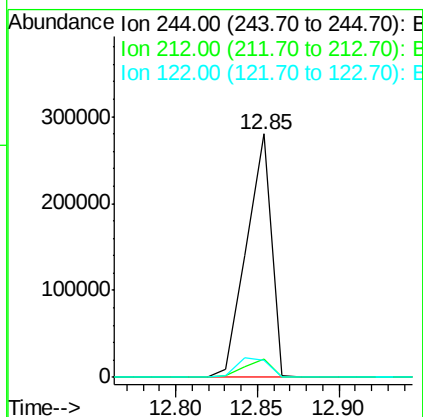
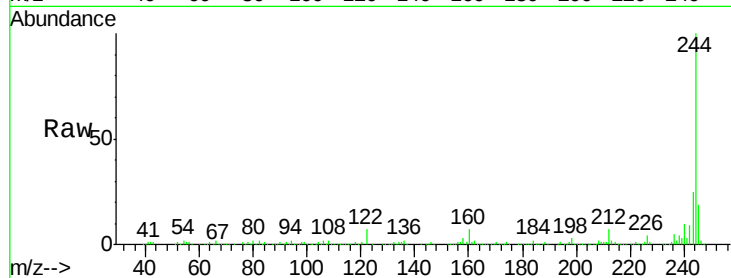




#78
 Terphenyl-d14
 Concen: 124.84 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.06 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Instrument :
 BNA_F
 ClientSampleId :
 S-A(2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	7.1	9.4	14.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1153
 Delta R.T. -0.09 min
 Lab File: BF080985.D
 Acq: 13 Aug 2015 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.0
265	20.1	17.0	25.4

