

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077111.D
 Acq On : 28 Jan 2015 20:22
 Operator : TP/IZ
 Sample : G1137-01DL 25X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Quant Time: Jan 29 11:10:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

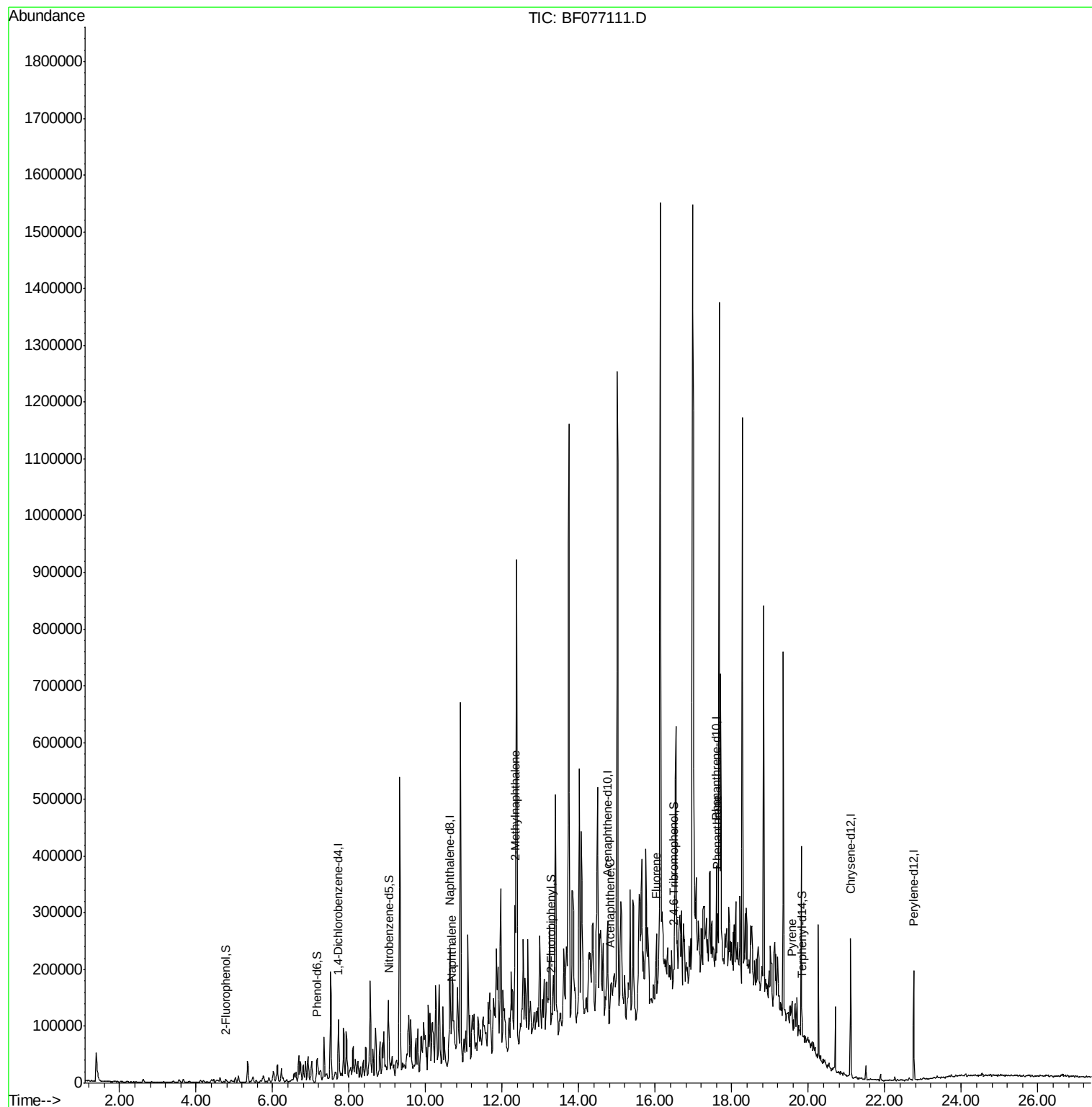
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	26569	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	112016	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	53461	20.00	ng	0.01
63) Phenanthrene-d10	17.60	188	95961	20.00	ng	0.01
75) Chrysene-d12	21.10	240	89974	20.00	ng	0.00
86) Perylene-d12	22.76	264	89134	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.78	112	4823	2.98	ng	0.02
7) Phenol-d6	7.16	99	6334	3.11	ng	0.01
23) Nitrobenzene-d5	9.03	82	4440	2.20	ng	0.01
41) 2,4,6-Tribromophenol	16.49	330	1147	2.64	ng	0.01
44) 2-Fluorobiphenyl	13.28	172	8311	2.37	ng	0.00
78) Terphenyl-d14	19.84	244	8726	2.23	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	25239	4.38	ng	# 92
37) 2-Methylnaphthalene	12.33	142	92642	23.52	ng	99
51) Acenaphthene	14.83	154	8087	2.59	ng	97
57) Fluorene	16.01	166	18460	4.79	ng	# 76
70) Phenanthrene	17.63	178	51068	8.53	ng	# 94
77) Pyrene	19.57	202	12701	2.06	ng	# 76

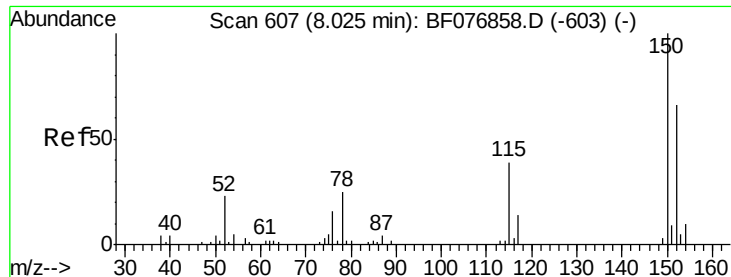
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Instrument :

BNA_F

ClientSampleId :

104B1ADL

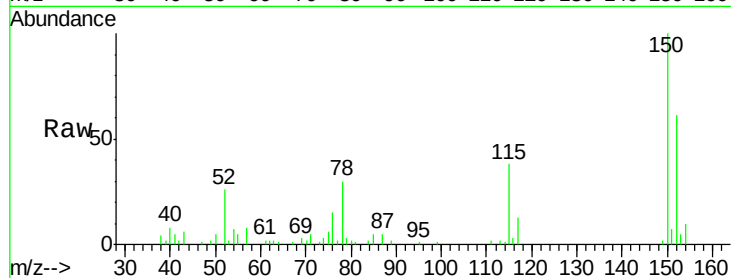
Tgt Ion:152 Resp: 26569

Ion Ratio Lower Upper

152 100

150 164.7 121.7 182.5

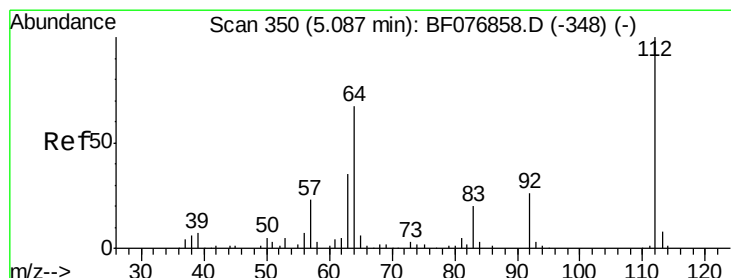
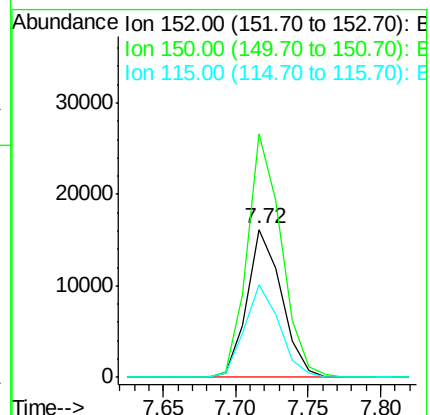
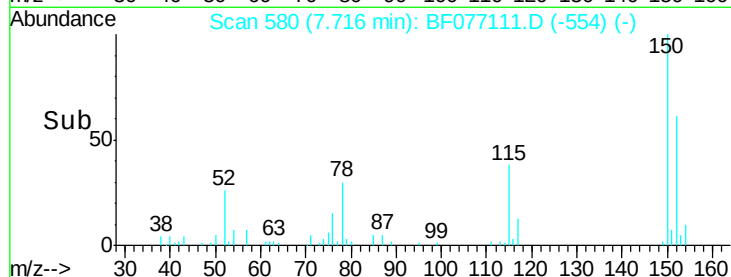
115 62.7 47.0 70.6



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: 2.98 ng

RT: 4.78 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

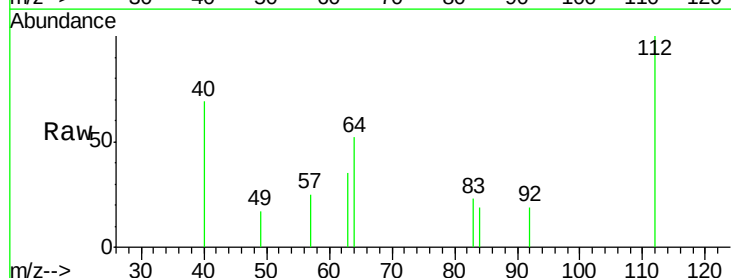
Tgt Ion:112 Resp: 4823

Ion Ratio Lower Upper

112 100

64 52.3 54.2 81.4#

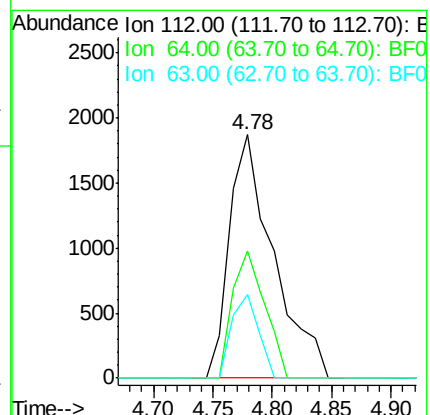
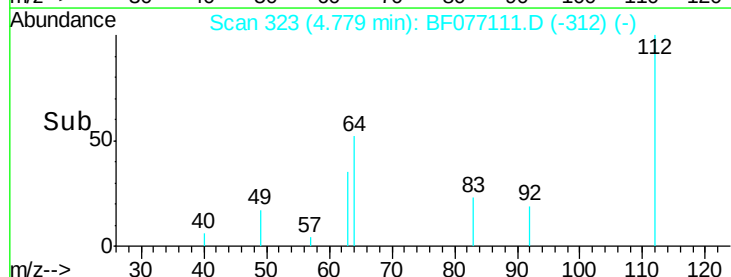
63 34.6 28.4 42.6

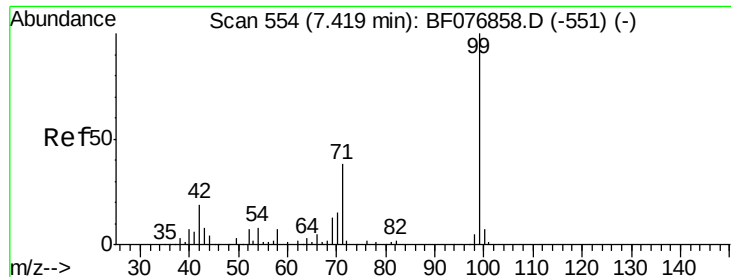


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 3.11 ng

RT: 7.16 min Scan# 531

Delta R.T. 0.01 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Instrument :

BNA_F

ClientSampleId :

104B1ADL

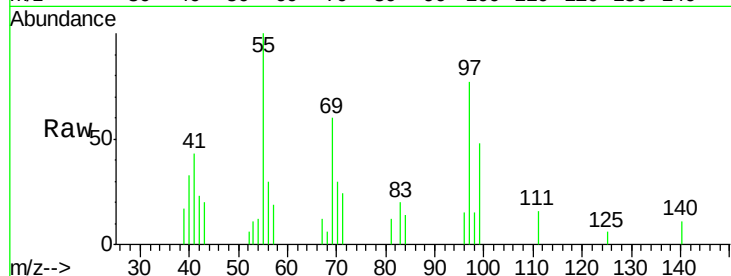
Tgt Ion: 99 Resp: 6334

Ion Ratio Lower Upper

99 100

42 47.0 15.0 22.4#

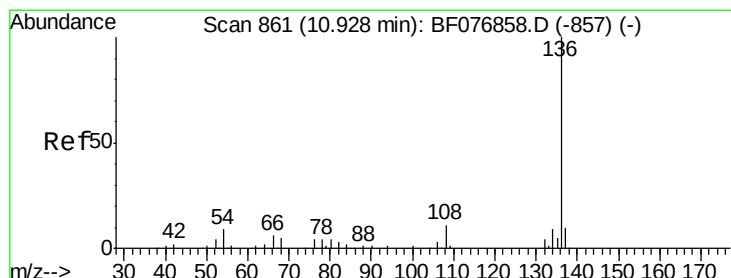
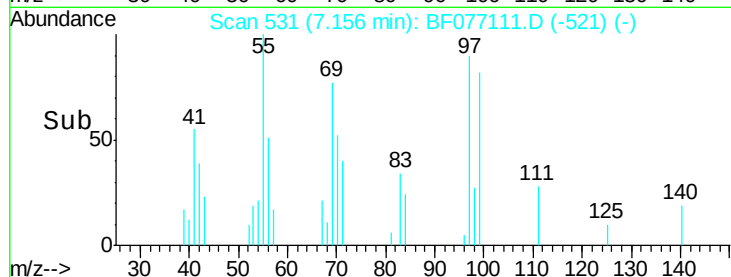
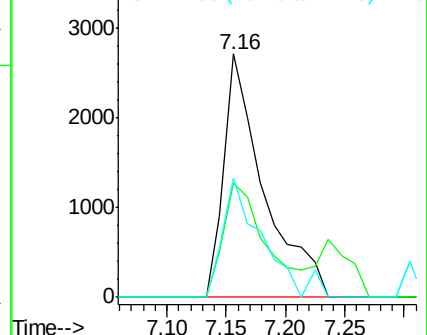
71 49.1 30.5 45.7#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Tgt Ion: 136 Resp: 112016

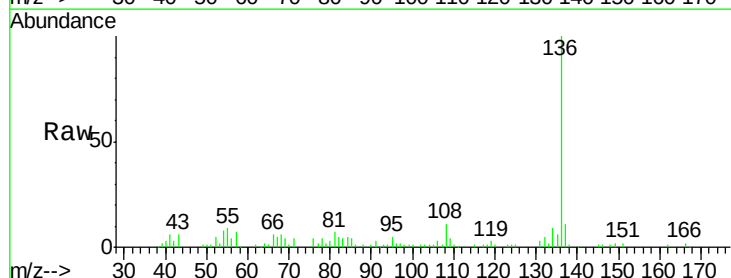
Ion Ratio Lower Upper

136 100

137 10.9 8.1 12.1

54 8.3 7.0 10.4

68 6.1 3.7 5.5#

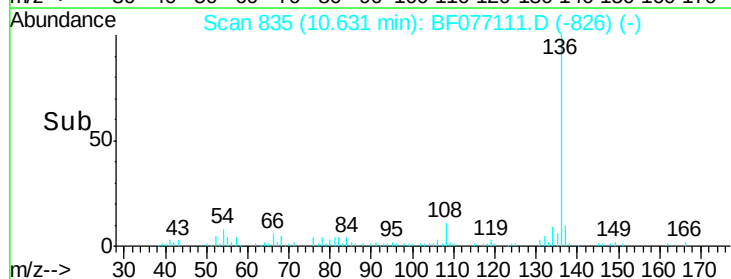
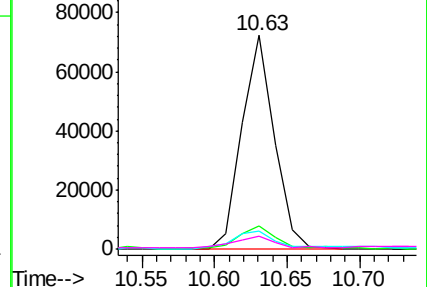


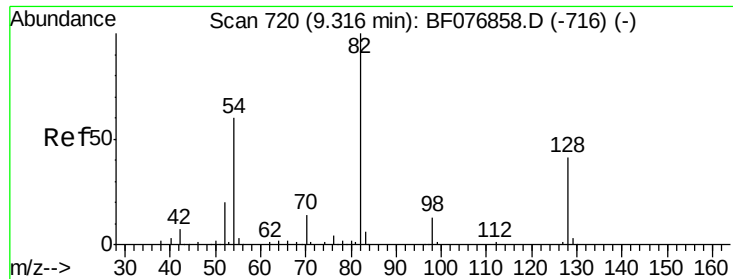
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

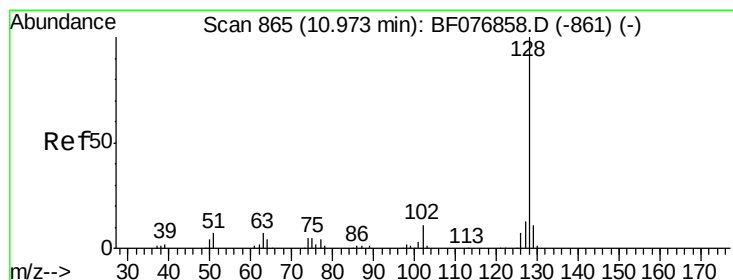
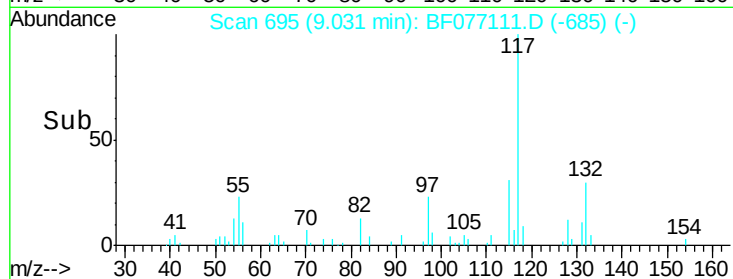
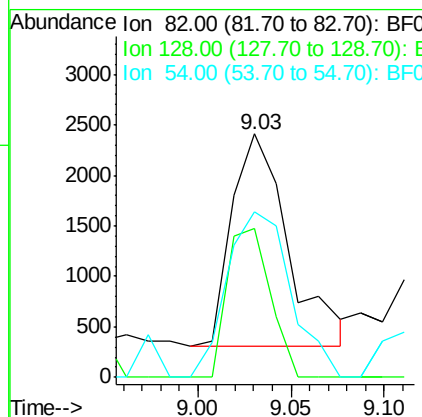
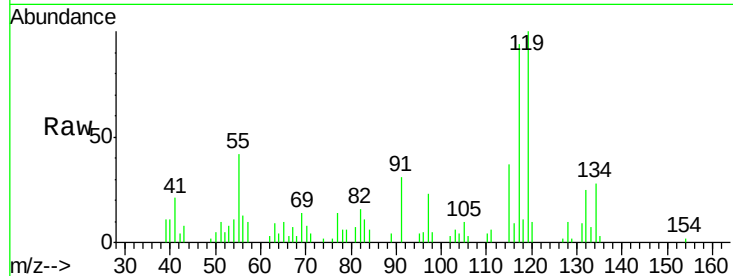




#23
 Nitrobenzene-d5
 Concen: 2.20 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

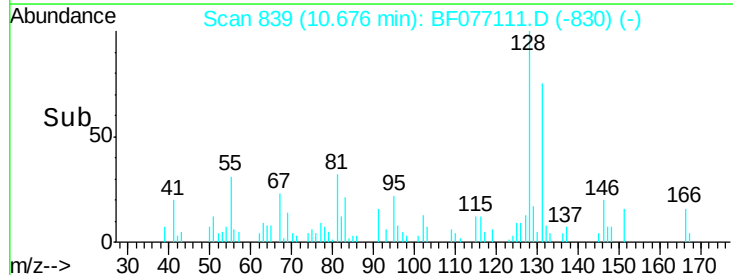
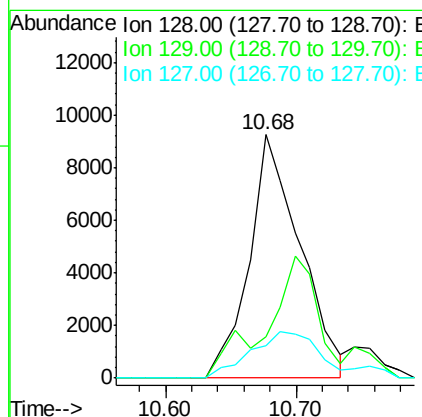
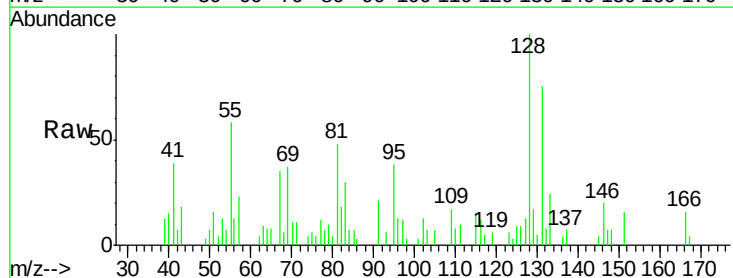
Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

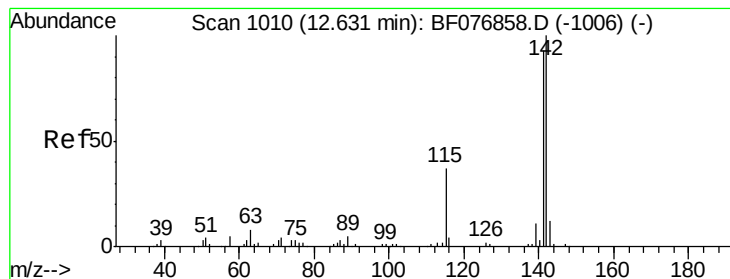
Tgt Ion: 82 Resp: 4440
 Ion Ratio Lower Upper
 82 100
 128 61.1 33.1 49.7#
 54 68.2 48.3 72.5



#31
 Naphthalene
 Concen: 4.38 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

Tgt Ion: 128 Resp: 25239
 Ion Ratio Lower Upper
 128 100
 129 17.2 9.0 13.6#
 127 13.2 10.2 15.2





#37

2-Methylnaphthalene

Concen: 23.52 ng

RT: 12.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Instrument :

BNA_F

ClientSampleId :

104B1ADL

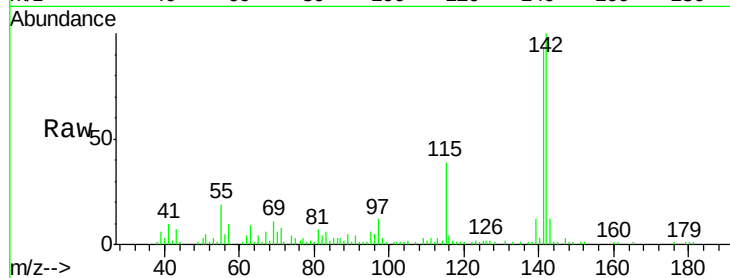
Tgt Ion:142 Resp: 92642

Ion Ratio Lower Upper

142 100

141 93.3 74.5 111.7

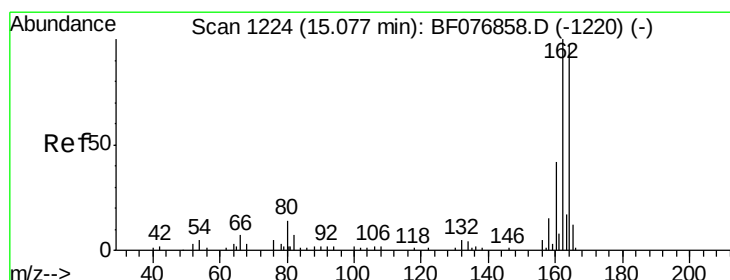
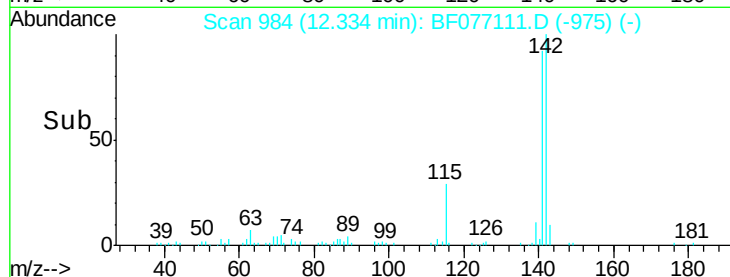
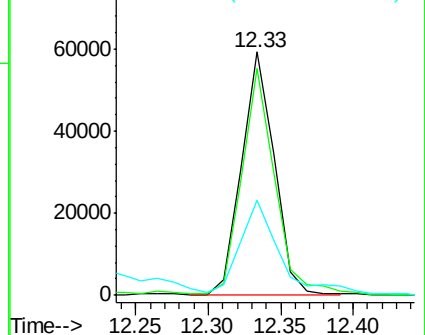
115 38.9 29.7 44.5



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

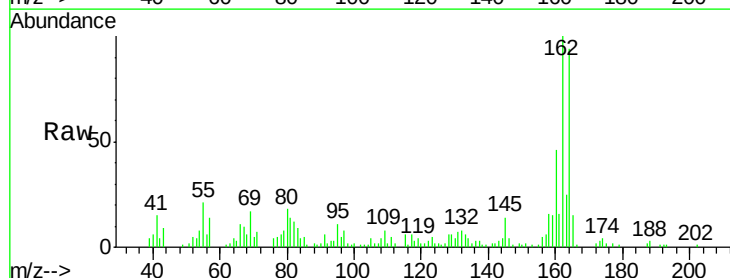
Tgt Ion:164 Resp: 53461

Ion Ratio Lower Upper

164 100

162 106.0 82.4 123.6

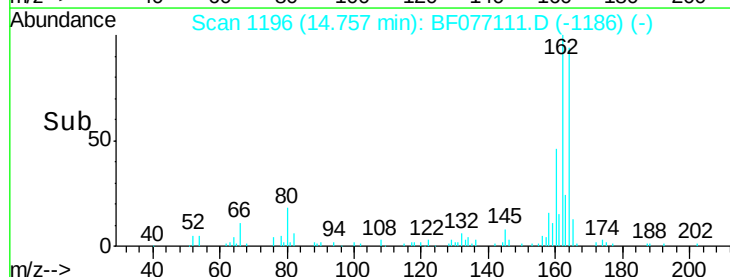
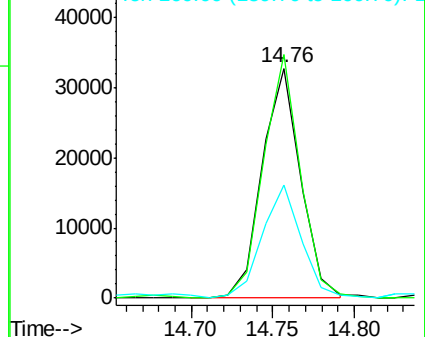
160 49.2 34.8 52.2

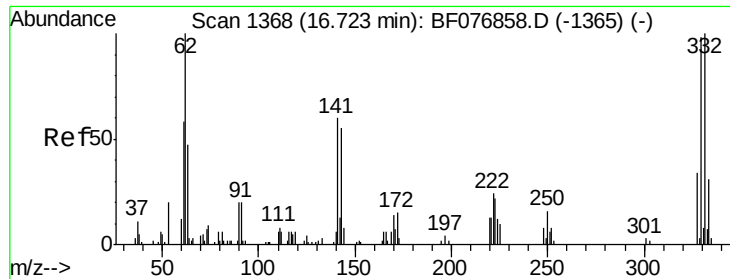


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

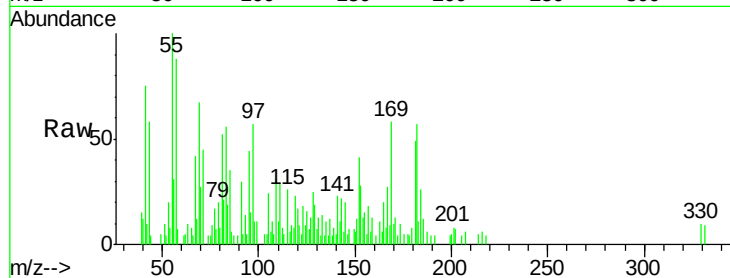




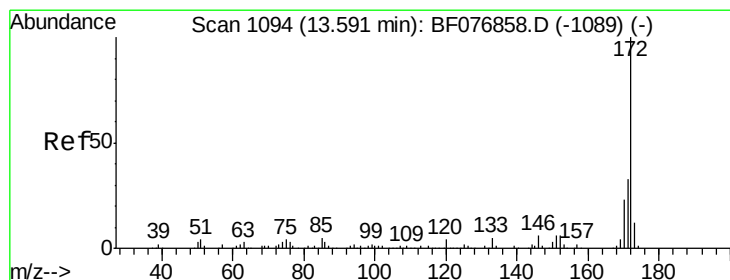
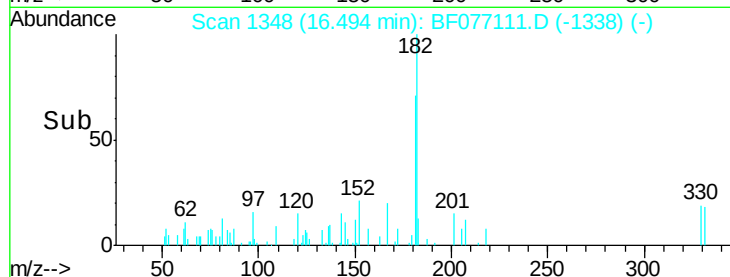
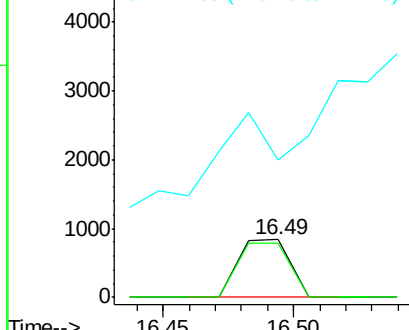
#41
 2,4,6-Tribromophenol
 Concen: 2.64 ng
 RT: 16.49 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Tgt Ion:330 Resp: 1147
 Ion Ratio Lower Upper
 330 100
 332 93.6 77.8 116.6
 141 142.3 38.5 57.7#

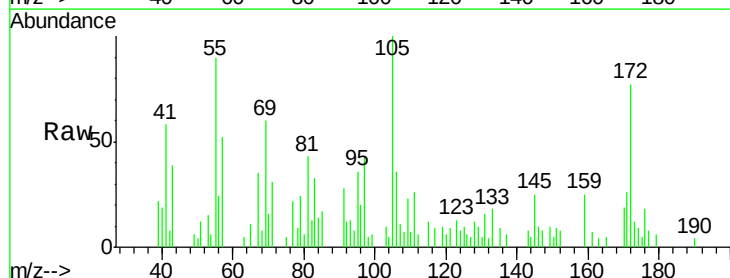


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

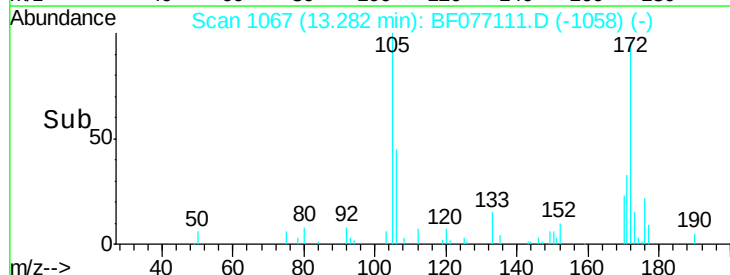
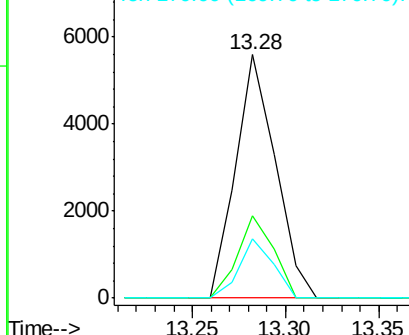


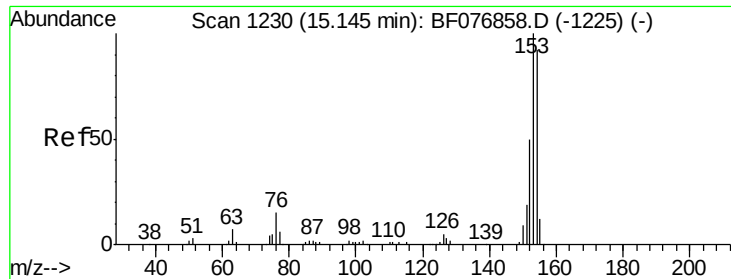
#44
 2-Fluorobiphenyl
 Concen: 2.37 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

Tgt Ion:172 Resp: 8311
 Ion Ratio Lower Upper
 172 100
 171 33.9 26.6 40.0
 170 24.3 18.0 27.0



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





#51

Acenaphthene

Concen: 2.59 ng

RT: 14.83 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Instrument :

BNA_F

ClientSampleId :

104B1ADL

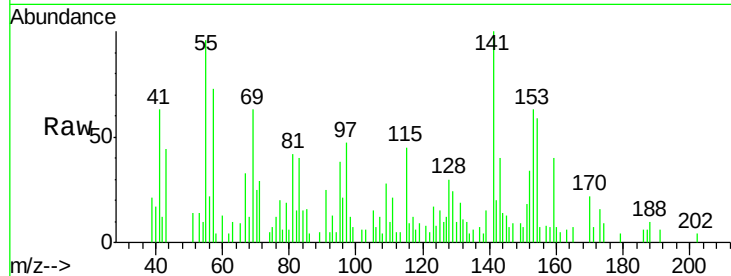
Tgt Ion:154 Resp: 8087

Ion Ratio Lower Upper

154 100

153 106.0 87.0 130.6

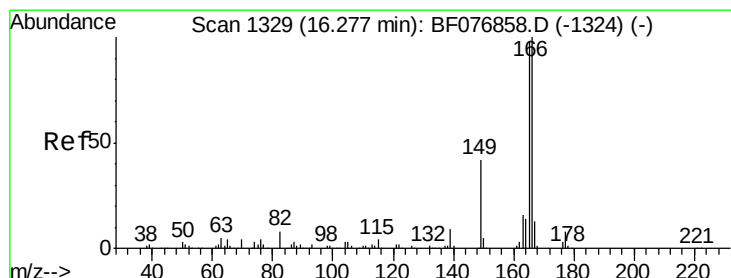
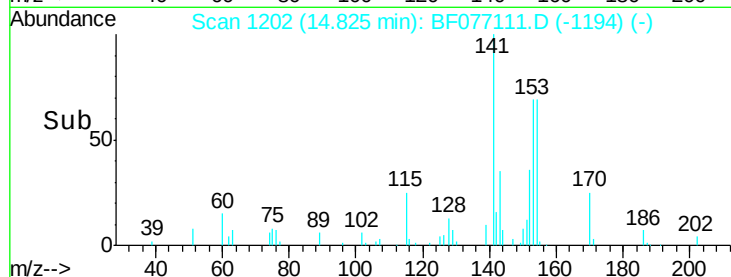
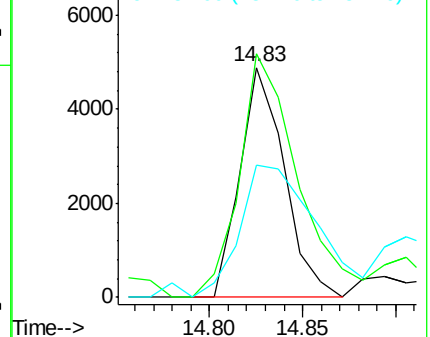
152 57.6 43.5 65.3



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



#57

Fluorene

Concen: 4.79 ng

RT: 16.01 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

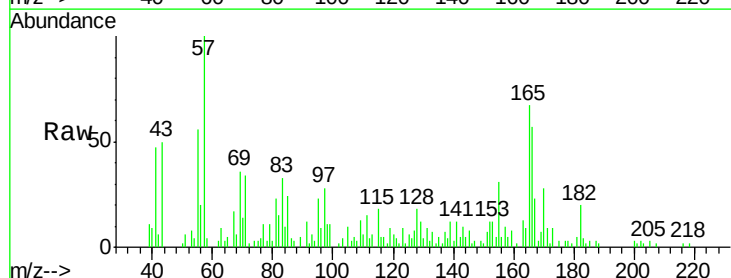
Tgt Ion:166 Resp: 18460

Ion Ratio Lower Upper

166 100

165 115.9 78.5 117.7

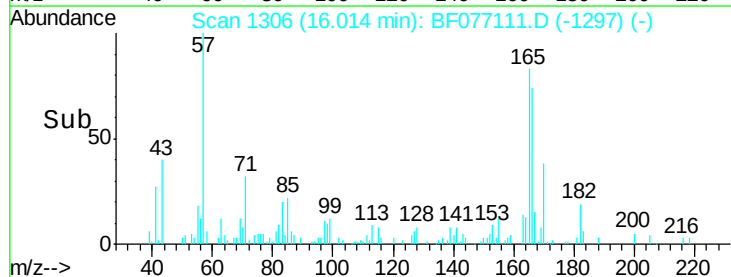
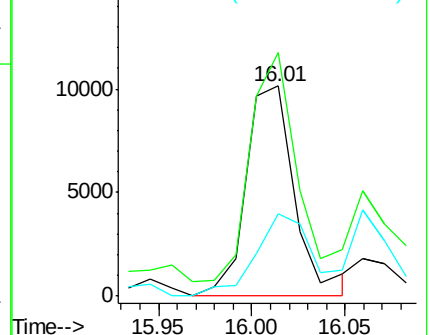
167 39.5 10.4 15.6#

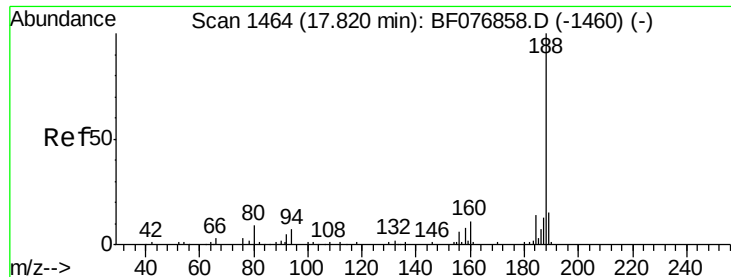


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

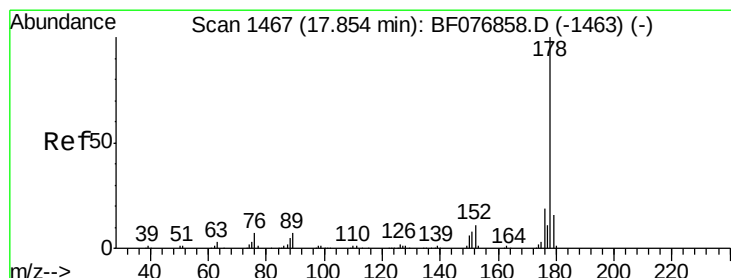
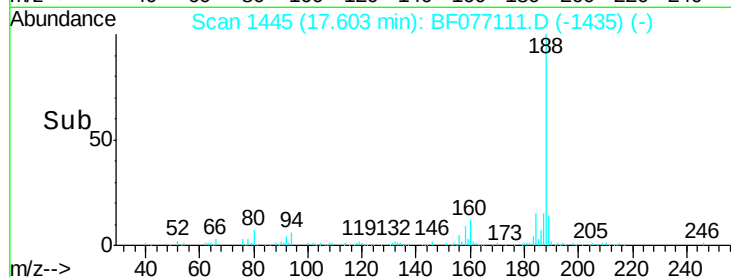
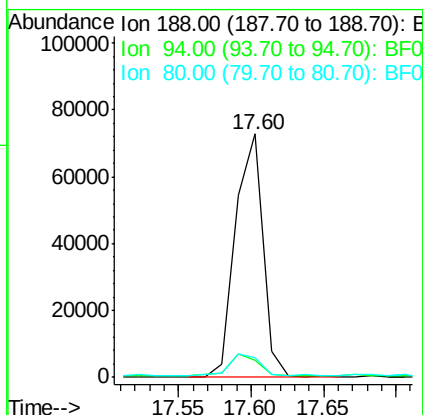
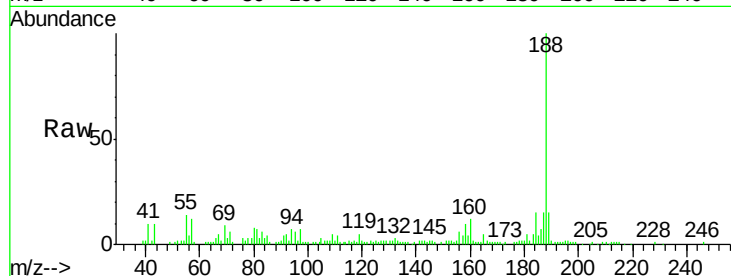




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077111.D
Acq: 28 Jan 2015 20:22

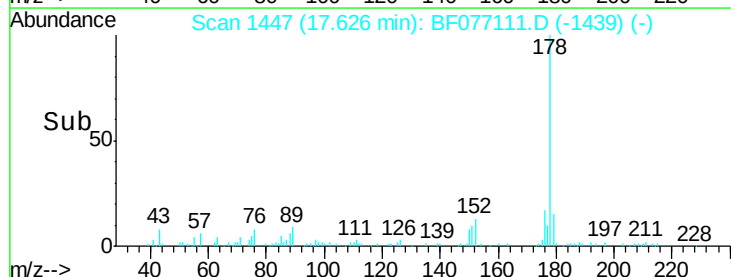
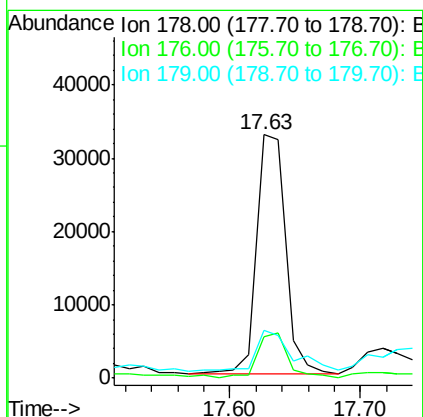
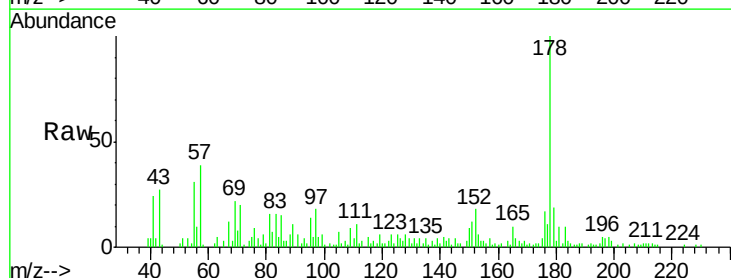
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104B1ADL

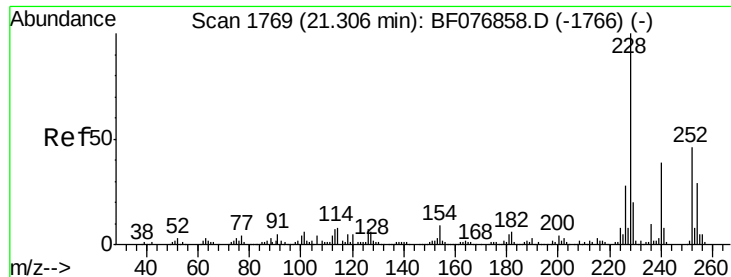
Tgt Ion:188 Resp: 95961
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 8.0 6.9 10.3



#70
Phenanthrene
Concen: 8.53 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077111.D
Acq: 28 Jan 2015 20:22

Tgt Ion:178 Resp: 51068
Ion Ratio Lower Upper
178 100
176 16.8 15.1 22.7
179 19.5 12.7 19.1#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

Instrument :

BNA_F

ClientSampleId :

104B1ADL

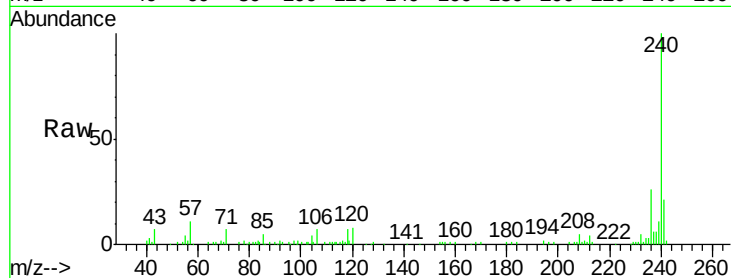
Tgt Ion:240 Resp: 89974

Ion Ratio Lower Upper

240 100

120 8.4 10.4 15.6#

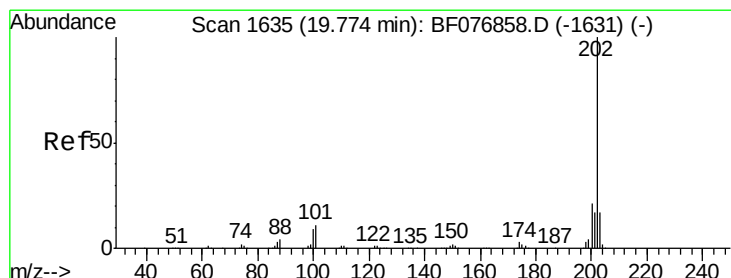
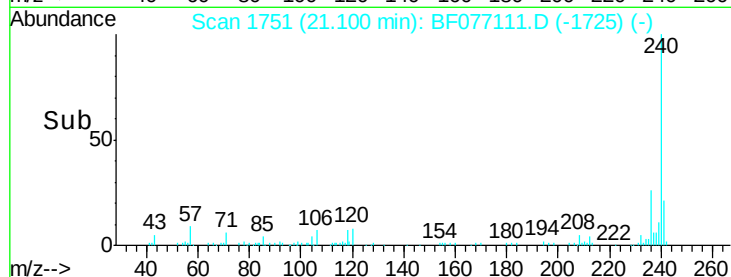
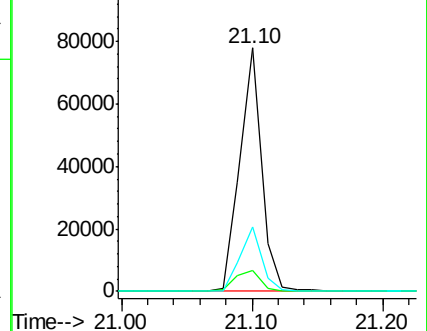
236 26.5 20.2 30.2



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: 2.06 ng

RT: 19.57 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF077111.D

Acq: 28 Jan 2015 20:22

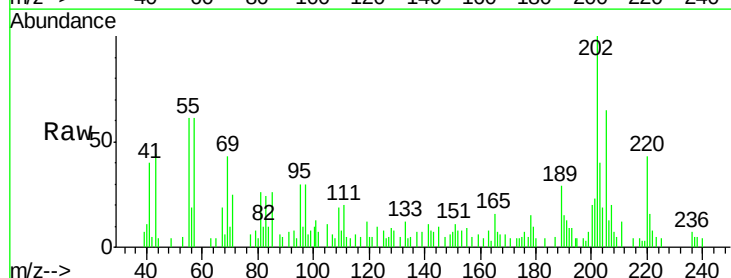
Tgt Ion:202 Resp: 12701

Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

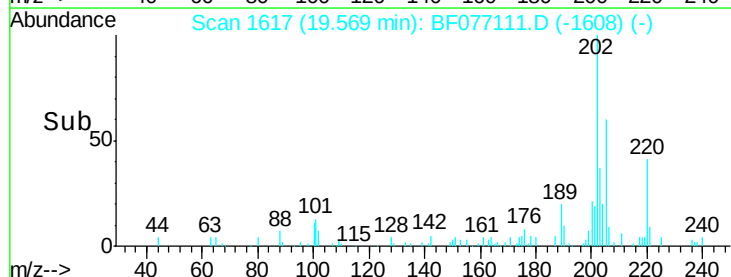
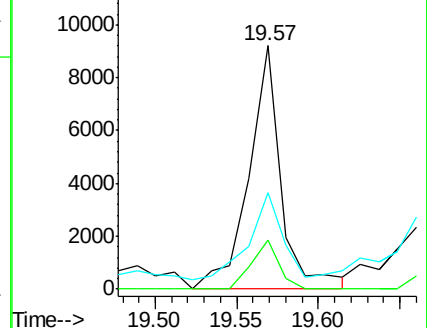
203 39.6 14.0 21.0#

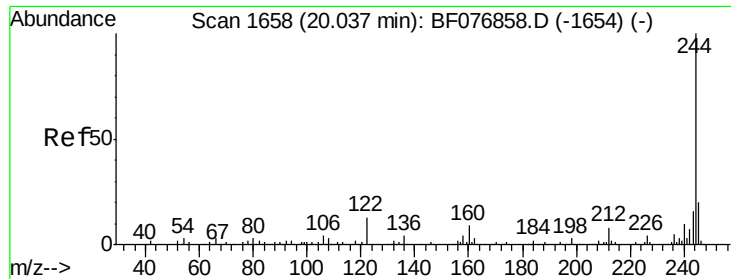


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

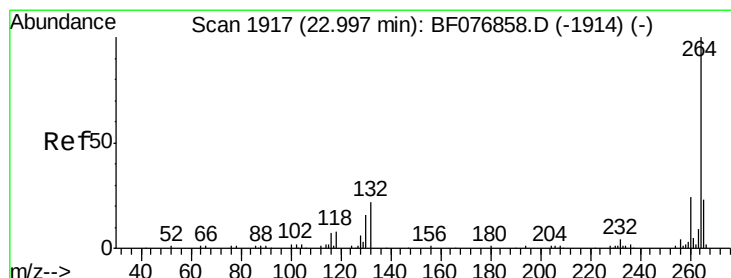
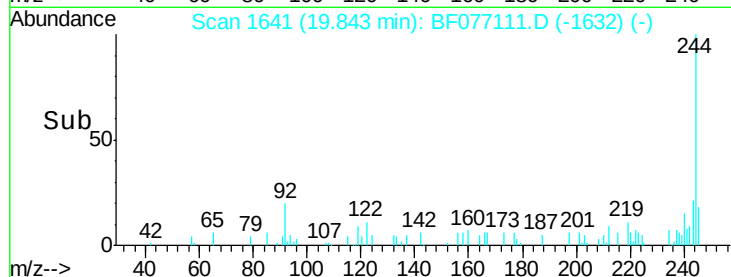
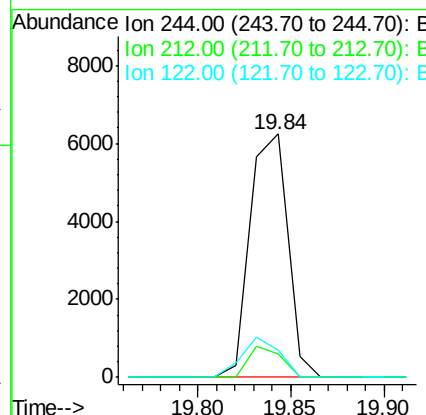
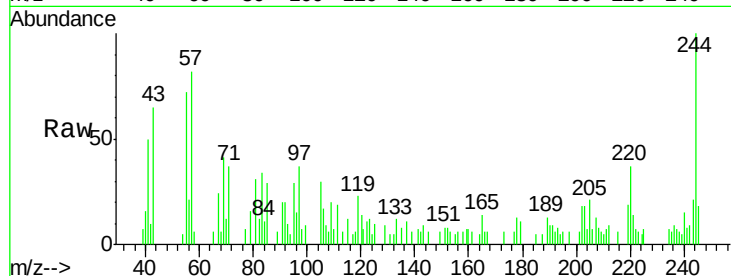




#78
 Terphenyl-d14
 Concen: 2.23 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Tgt Ion:244 Resp: 8726
 Ion Ratio Lower Upper
 244 100
 212 9.4 6.3 9.5
 122 11.1 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.76 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BF077111.D
 Acq: 28 Jan 2015 20:22

Tgt Ion:264 Resp: 89134
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.4
 265 20.4 18.1 27.1

