

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077108.D
 Acq On : 28 Jan 2015 18:39
 Operator : TP/IZ
 Sample : G1139-06DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121B4DL

Quant Time: Jan 29 11:04:58 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

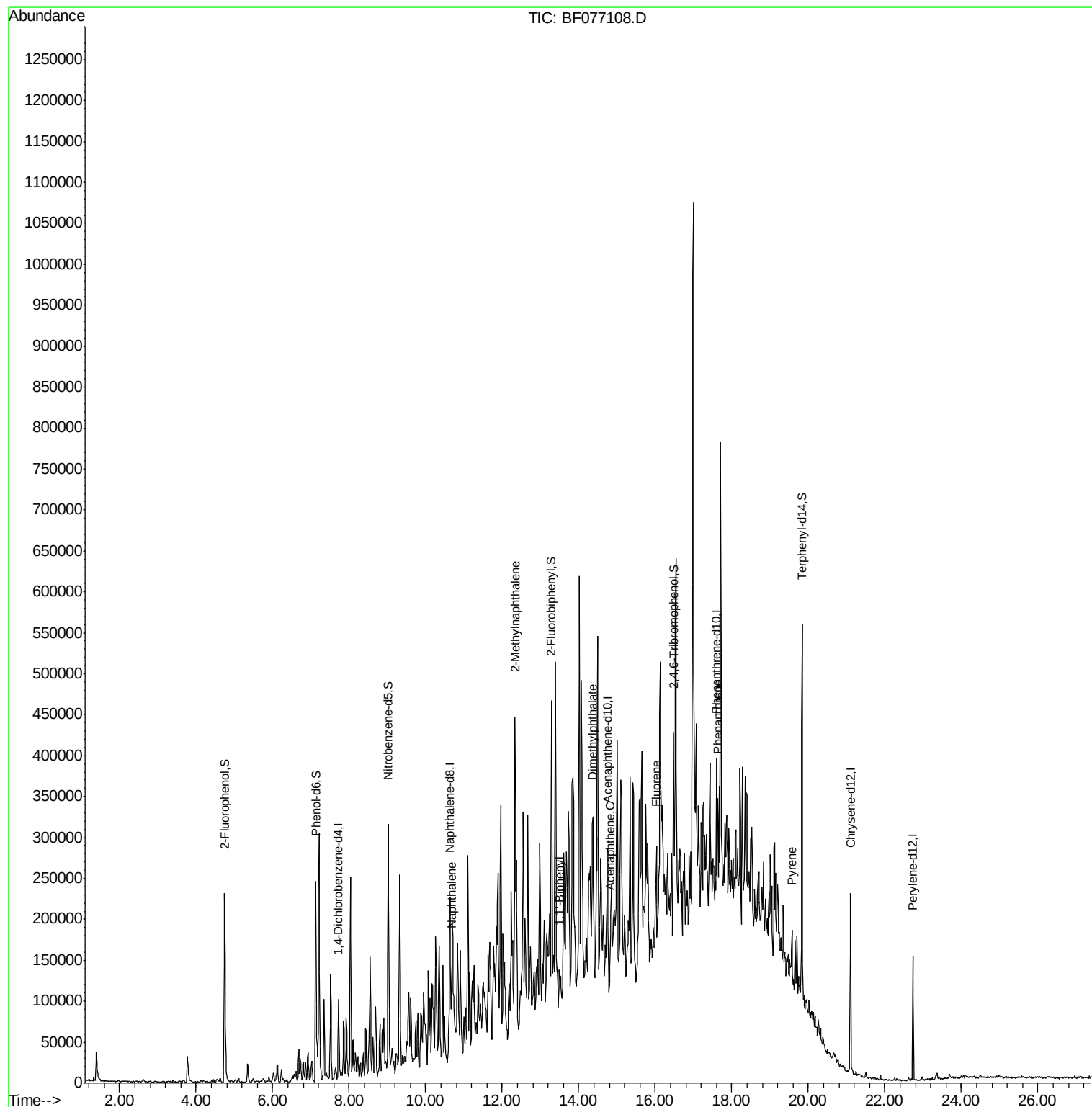
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	27425	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107164	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	51411	20.00	ng	0.01
63) Phenanthrene-d10	17.60	188	85404	20.00	ng	0.01
75) Chrysene-d12	21.10	240	83769	20.00	ng	0.00
86) Perylene-d12	22.73	264	76393	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.74	112	128522	77.05	ng	-0.01
7) Phenol-d6	7.13	99	158952	75.54	ng	-0.01
23) Nitrobenzene-d5	9.02	82	100639	52.03	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	31707	75.98	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	192453	56.97	ng	0.00
78) Terphenyl-d14	19.84	244	186696	51.31	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.68	128	54242	9.83	ng	# 93
37) 2-Methylnaphthalene	12.33	142	156045	41.41	ng	96
45) 1,1'-Biphenyl	13.49	154	19300	5.06	ng	98
49) Dimethylphthalate	14.36	163	19915	5.46	ng	97
51) Acenaphthene	14.83	154	9258	3.08	ng	# 92
57) Fluorene	16.01	166	24242	6.54	ng	# 75
70) Phenanthrene	17.64	178	72172	13.55	ng	97
77) Pyrene	19.57	202	16812	2.93	ng	# 79

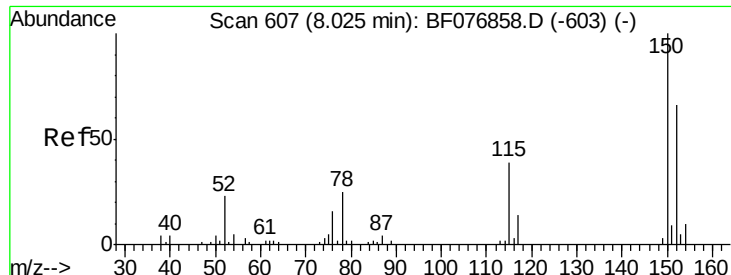
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077108.D
Acq On : 28 Jan 2015 18:39
Operator : TP/IZ
Sample : G1139-06DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
121B4DL

Quant Time: Jan 29 11:04:58 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

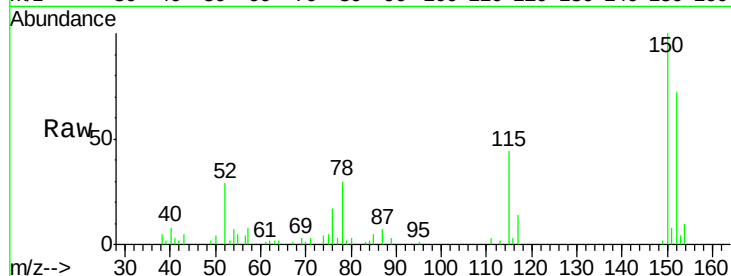
Tgt Ion:152 Resp: 27425

Ion Ratio Lower Upper

152 100

150 138.5 121.7 182.5

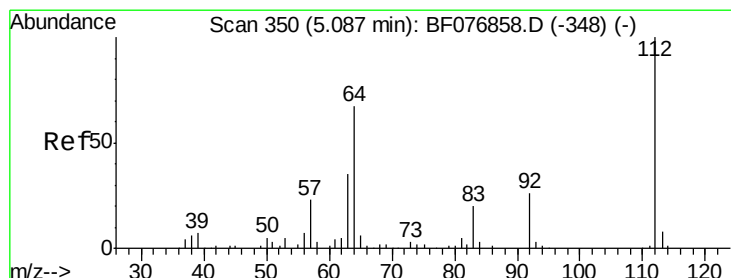
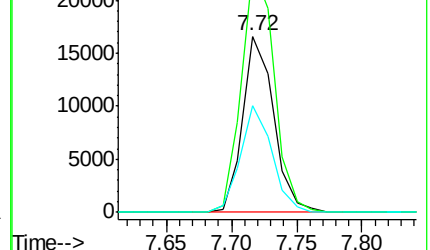
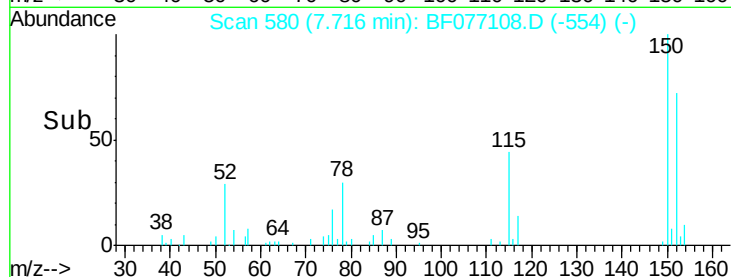
115 60.7 47.0 70.6



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: 77.05 ng

RT: 4.74 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

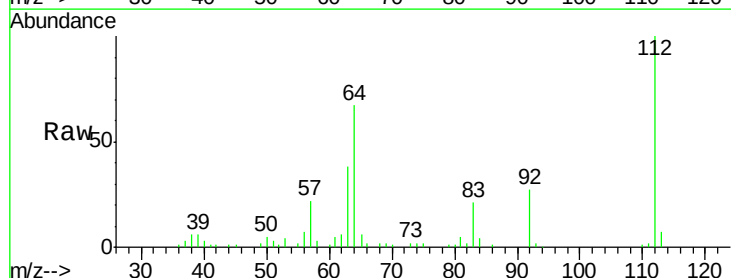
Tgt Ion:112 Resp: 128522

Ion Ratio Lower Upper

112 100

64 66.8 54.2 81.4

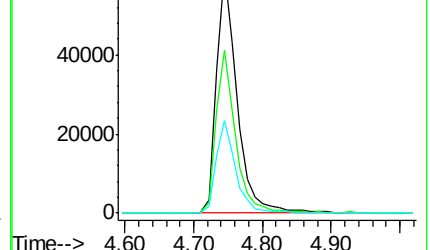
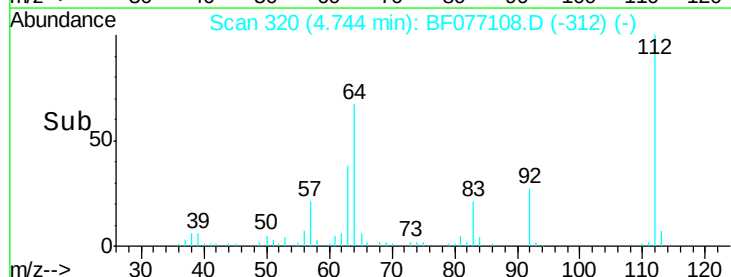
63 37.9 28.4 42.6

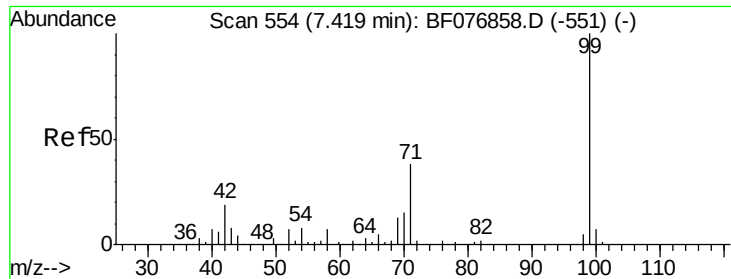


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 75.54 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

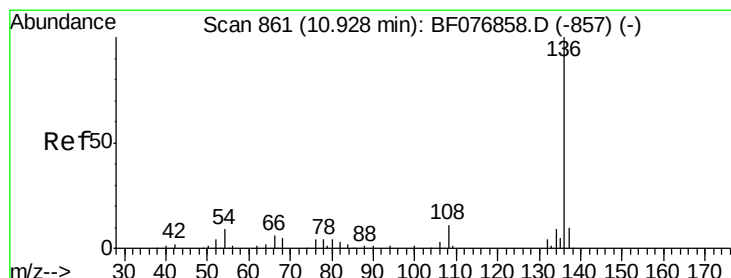
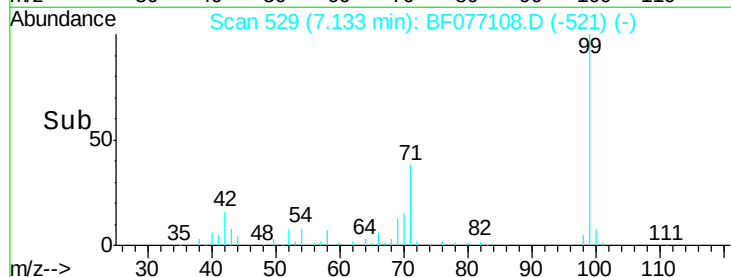
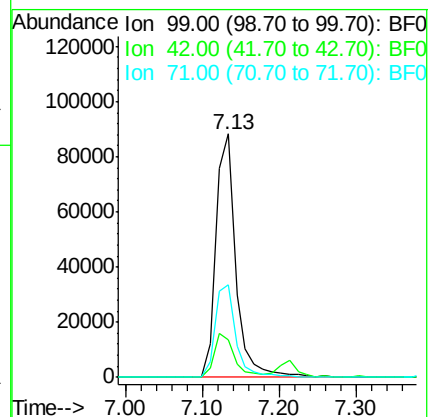
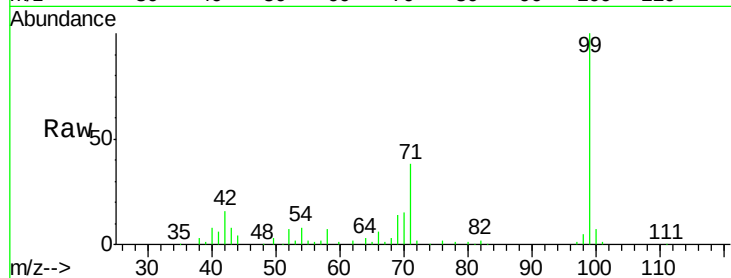
Tgt Ion: 99 Resp: 158952

Ion Ratio Lower Upper

99 100

42 15.7 15.0 22.4

71 37.8 30.5 45.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Tgt Ion: 136 Resp: 107164

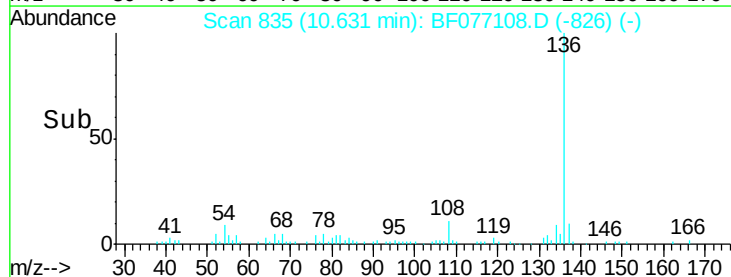
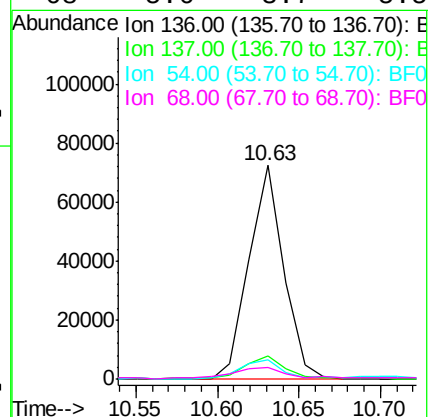
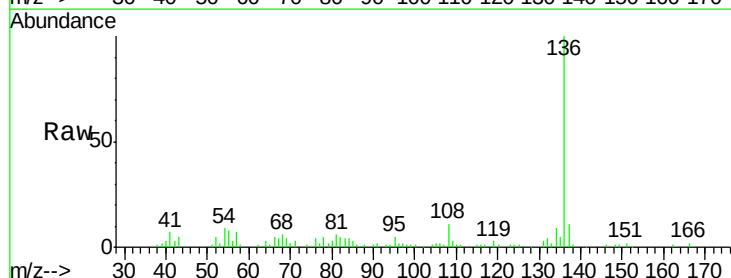
Ion Ratio Lower Upper

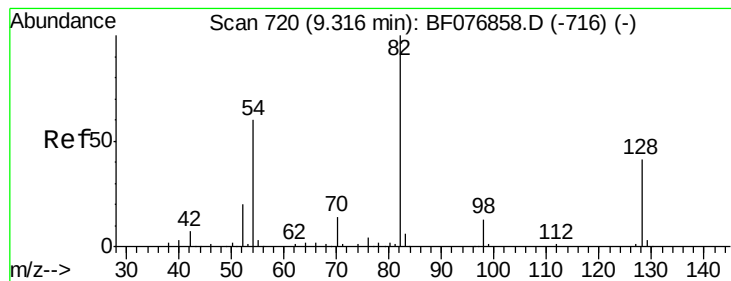
136 100

137 10.8 8.1 12.1

54 9.2 7.0 10.4

68 5.6 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 52.03 ng

RT: 9.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

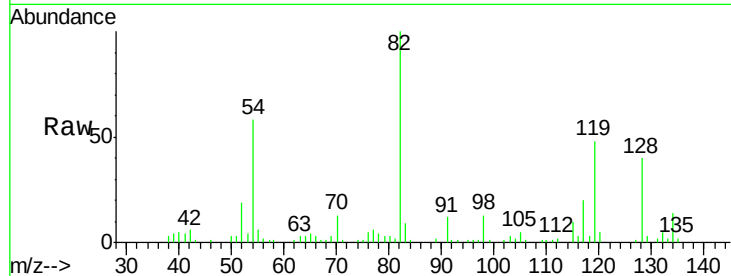
Tgt Ion: 82 Resp: 100639

Ion Ratio Lower Upper

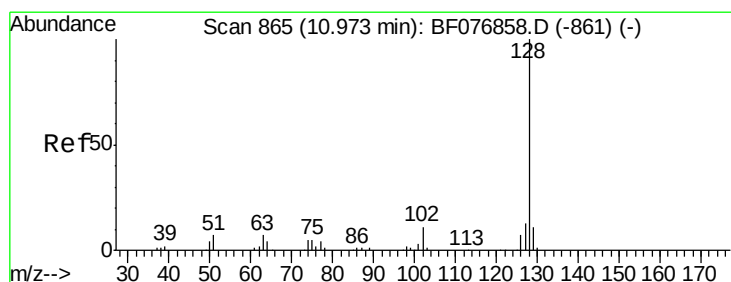
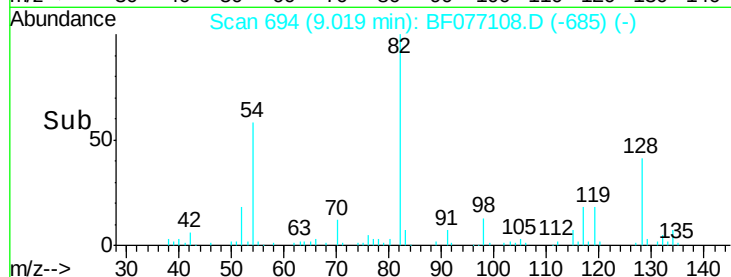
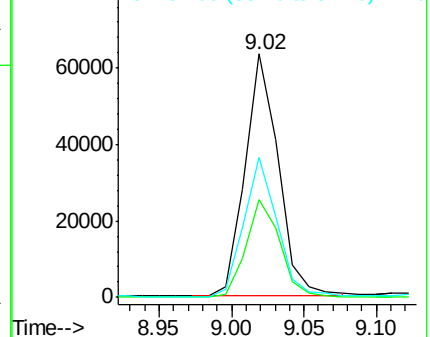
82 100

128 40.3 33.1 49.7

54 57.6 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#31

Naphthalene

Concen: 9.83 ng

RT: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

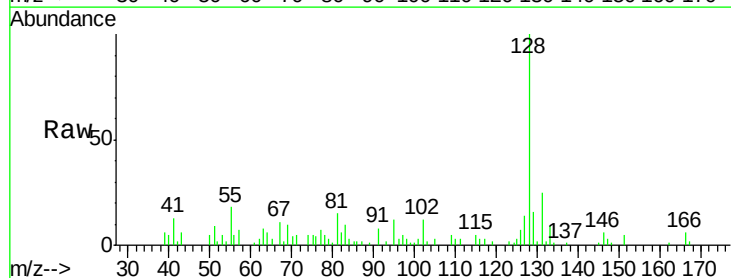
Tgt Ion: 128 Resp: 54242

Ion Ratio Lower Upper

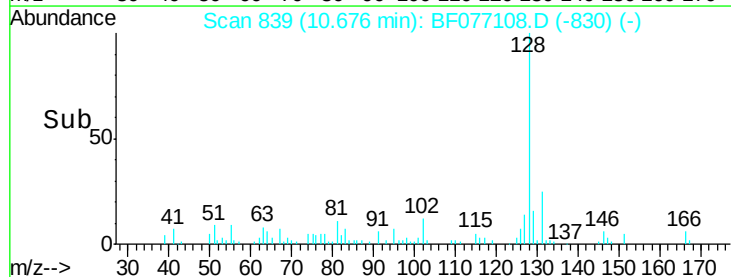
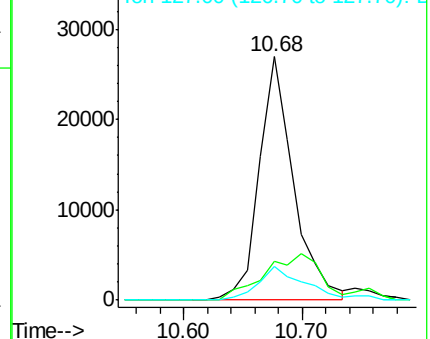
128 100

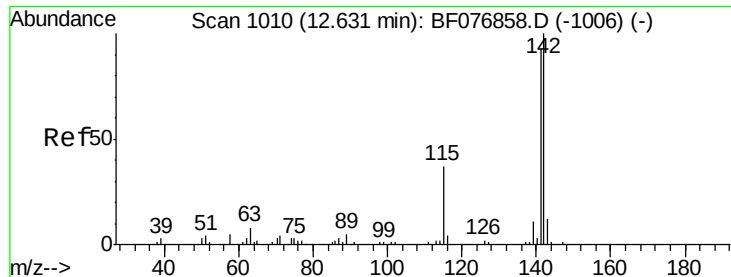
129 15.9 9.0 13.6#

127 13.9 10.2 15.2



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

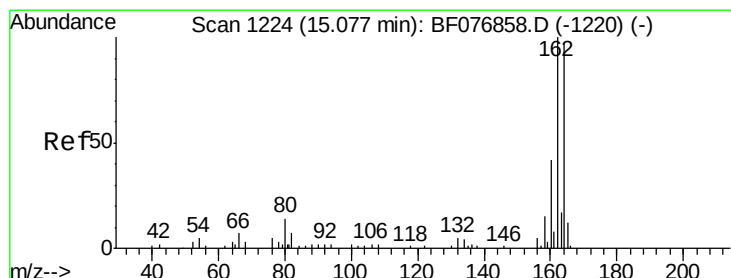
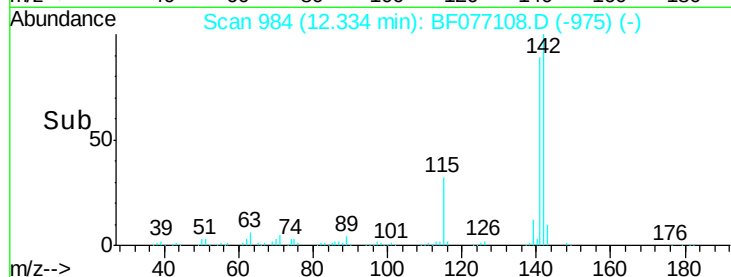
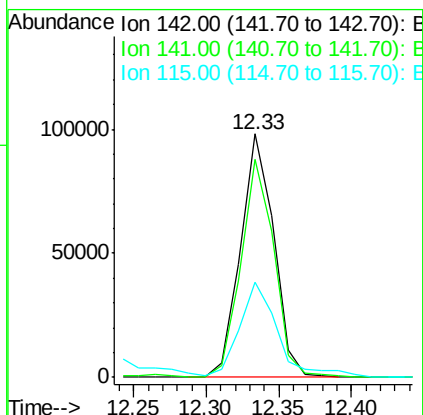
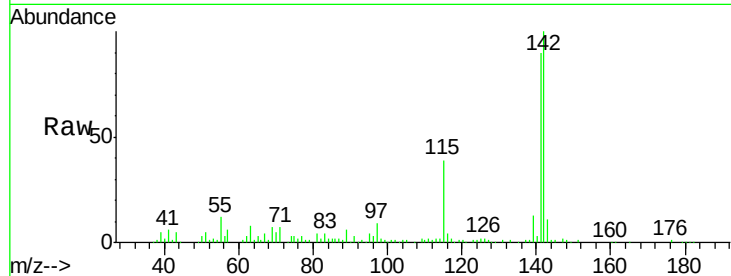




#37
2-Methylnaphthalene
Concen: 41.41 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

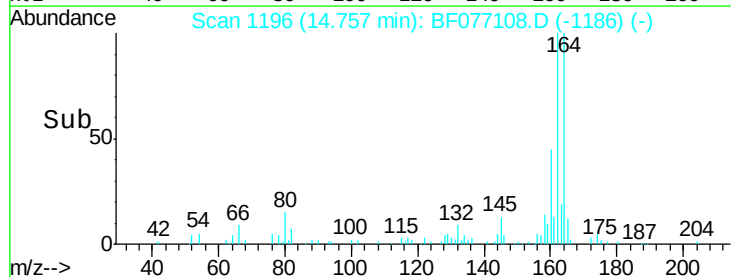
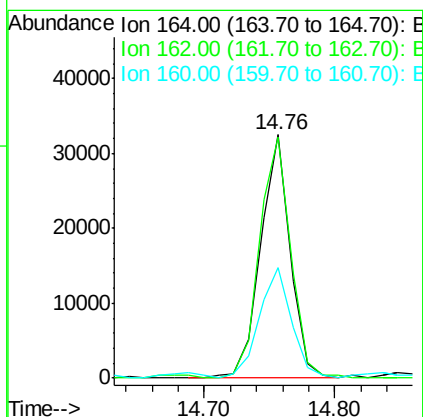
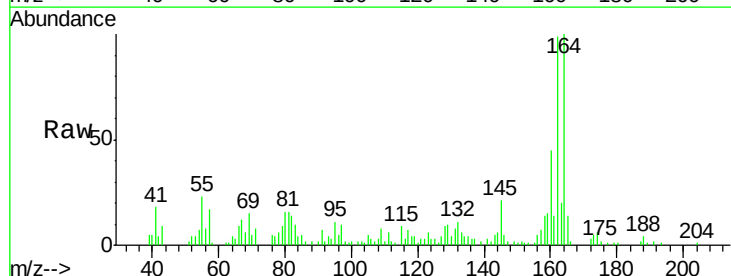
Instrument :
BNA_F
ClientSampleId :
121B4DL

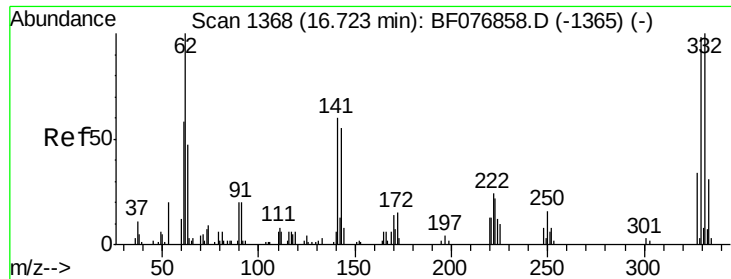
Tgt Ion:142 Resp: 156045
Ion Ratio Lower Upper
142 100
141 89.5 74.5 111.7
115 39.3 29.7 44.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:164 Resp: 51411
Ion Ratio Lower Upper
164 100
162 99.2 82.4 123.6
160 45.1 34.8 52.2

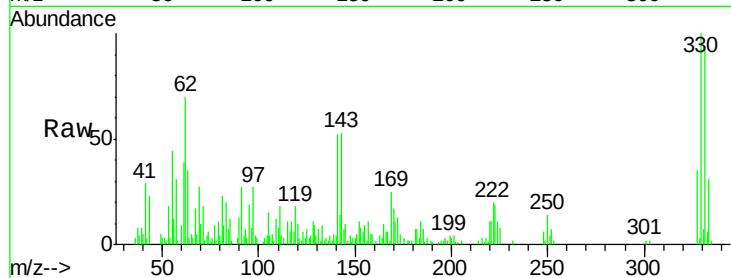




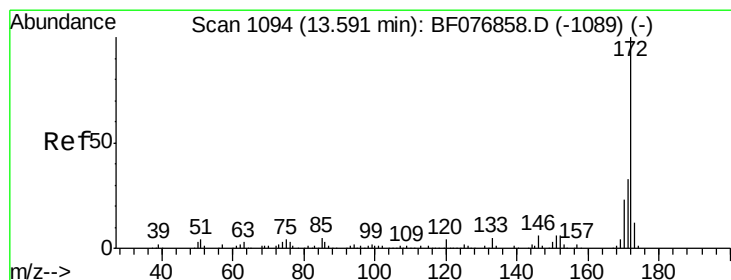
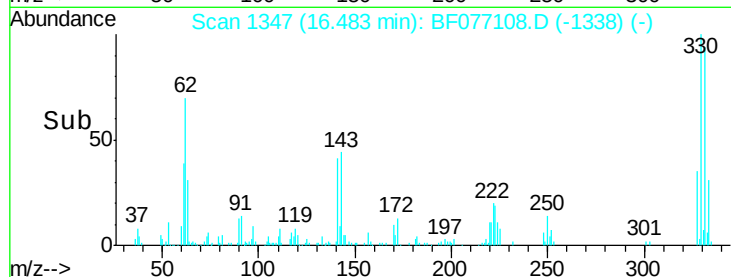
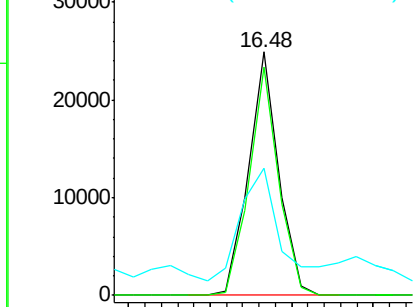
#41
 2,4,6-Tribromophenol
 Concen: 75.98 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077108.D
 Acq: 28 Jan 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 121B4DL

Tgt Ion:330 Resp: 31707
 Ion Ratio Lower Upper
 330 100
 332 91.9 77.8 116.6
 141 58.9 38.5 57.7#

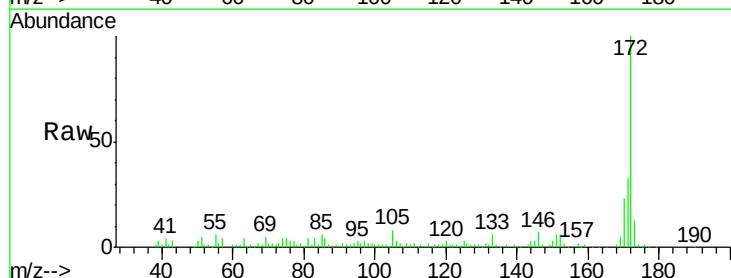


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

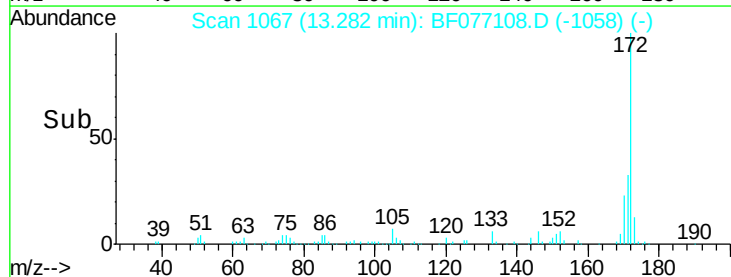
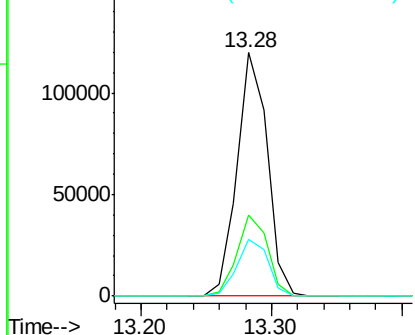


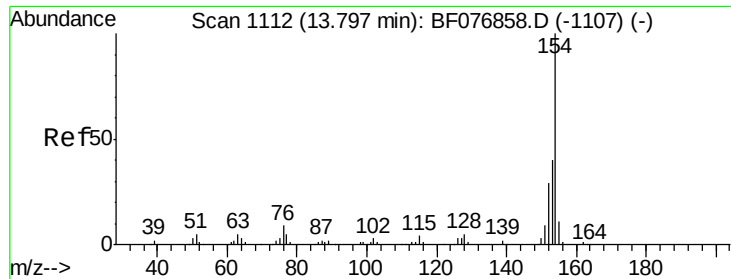
#44
 2-Fluorobiphenyl
 Concen: 56.97 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077108.D
 Acq: 28 Jan 2015 18:39

Tgt Ion:172 Resp: 192453
 Ion Ratio Lower Upper
 172 100
 171 33.4 26.6 40.0
 170 23.3 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





#45

1,1'-Biphenyl

Concen: 5.06 ng

RT: 13.49 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

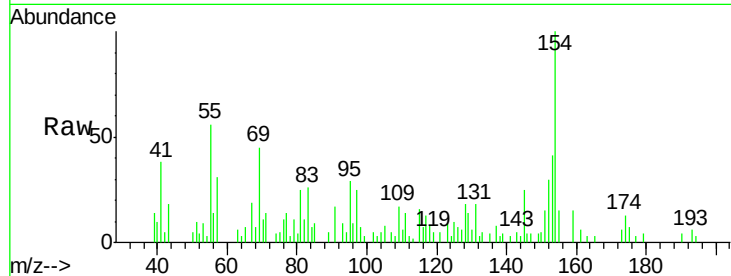
Tgt Ion:154 Resp: 19300

Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

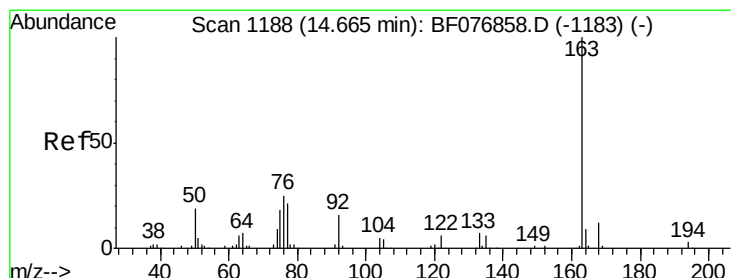
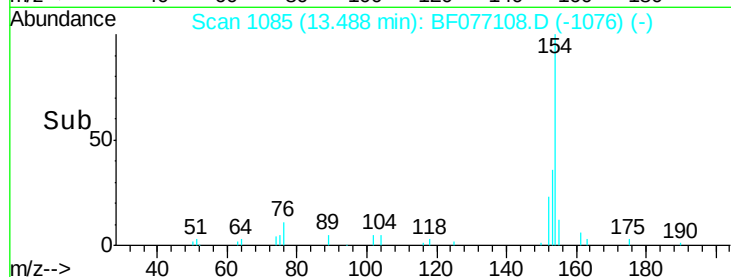
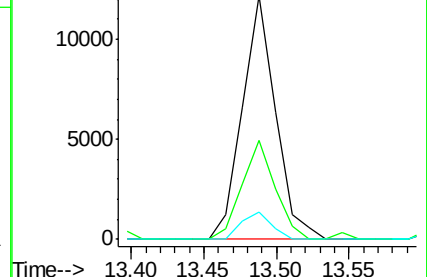
76 11.4 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#49

Dimethylphthalate

Concen: 5.46 ng

RT: 14.36 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

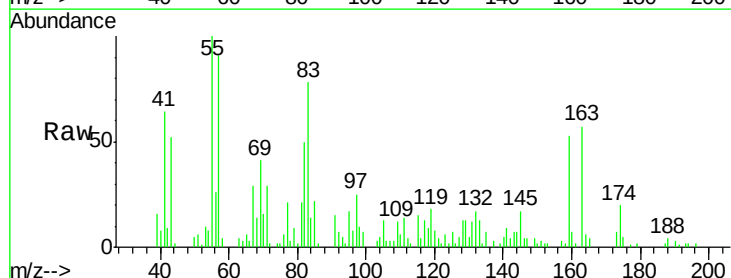
Tgt Ion:163 Resp: 19915

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

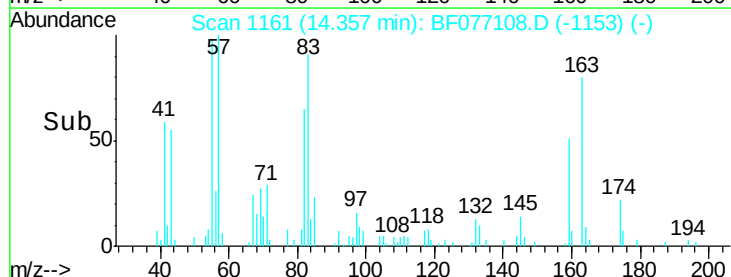
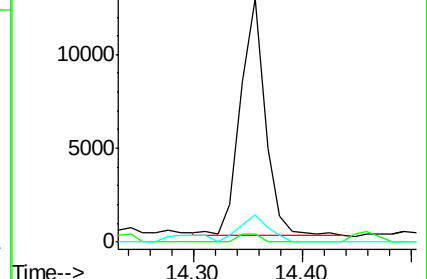
164 11.0 7.5 11.3

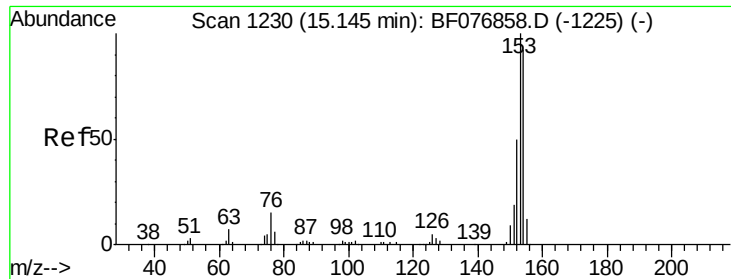


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 3.08 ng

RT: 14.83 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

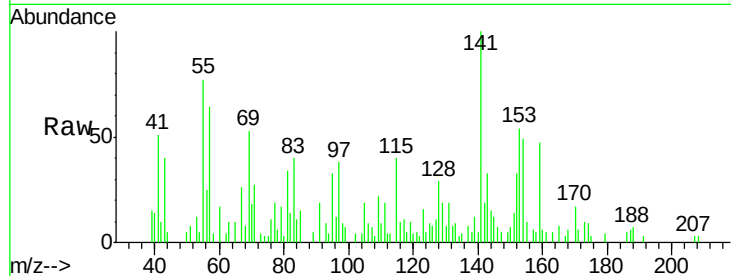
Tgt Ion:154 Resp: 9258

Ion Ratio Lower Upper

154 100

153 111.1 87.0 130.6

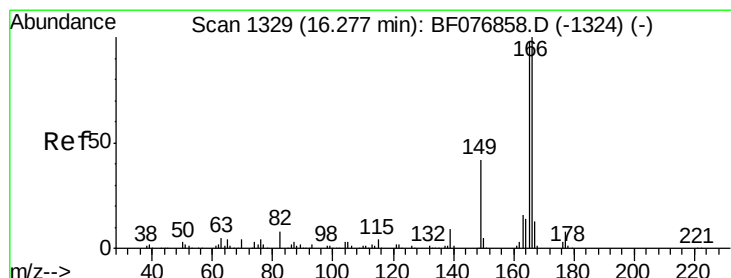
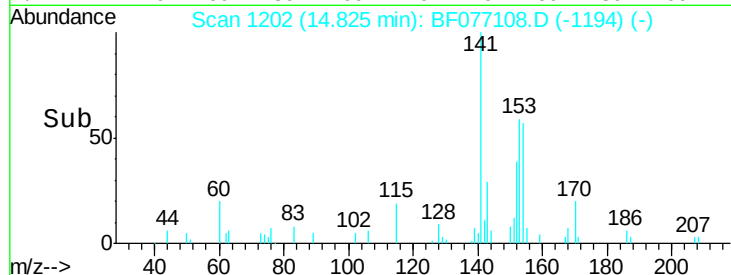
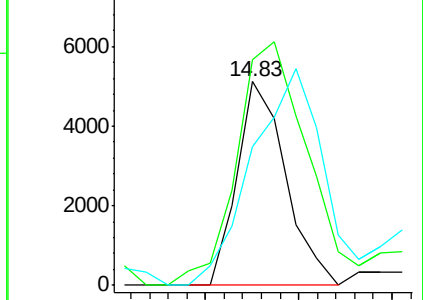
152 68.1 43.5 65.3#



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: 6.54 ng

RT: 16.01 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

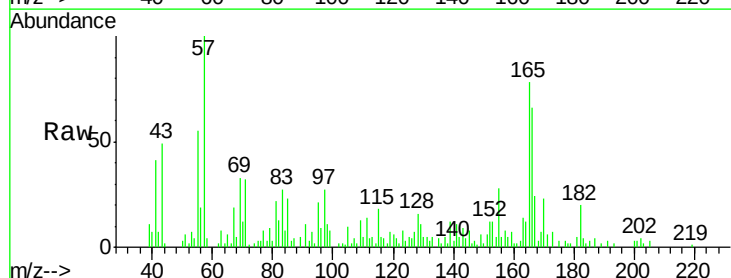
Tgt Ion:166 Resp: 24242

Ion Ratio Lower Upper

166 100

165 117.8 78.5 117.7#

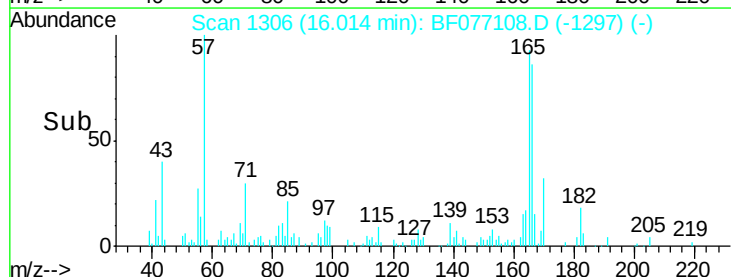
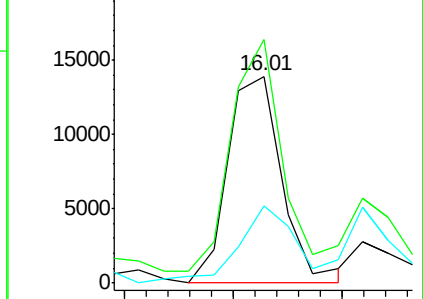
167 37.2 10.4 15.6#

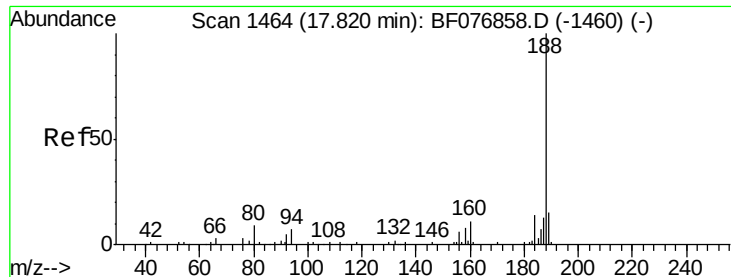


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

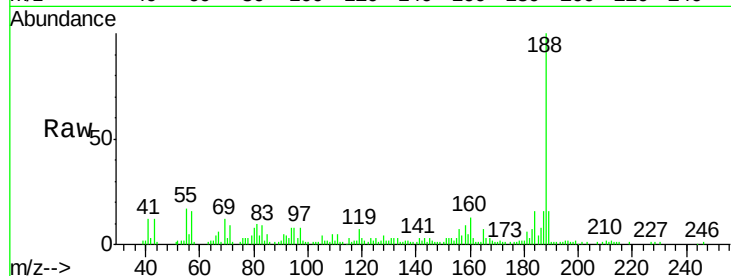




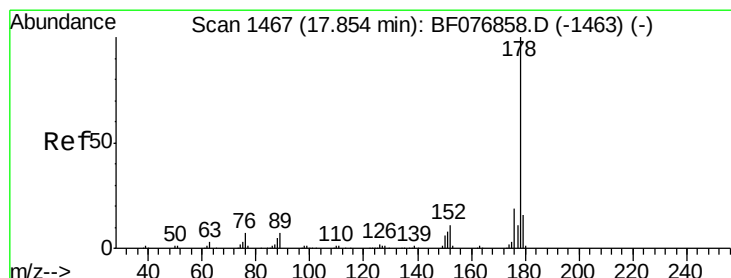
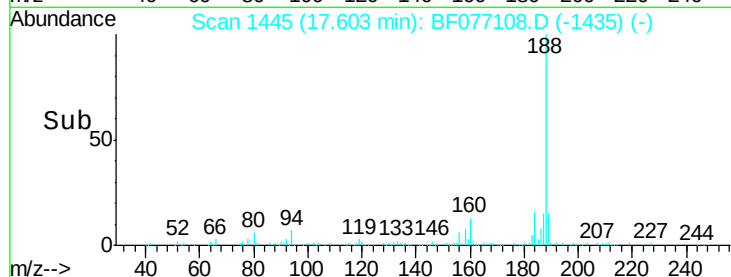
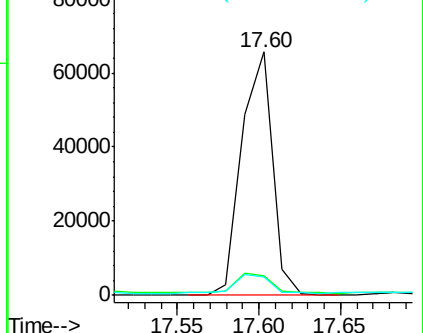
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.60 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :
121B4DL

Tgt Ion:188 Resp: 85404
Ion Ratio Lower Upper
188 100
94 8.0 6.0 9.0
80 7.6 6.9 10.3

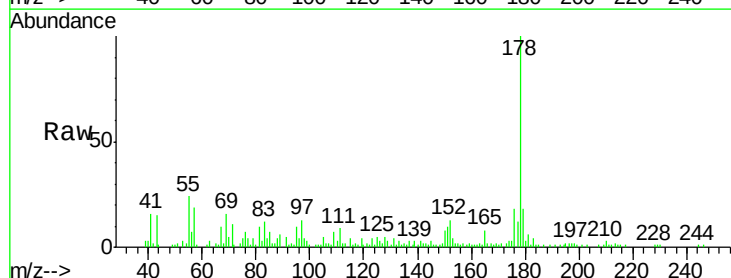


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

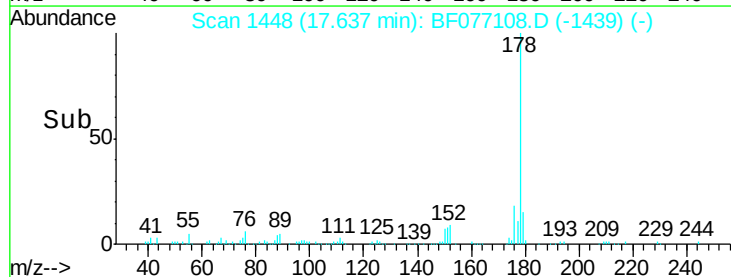
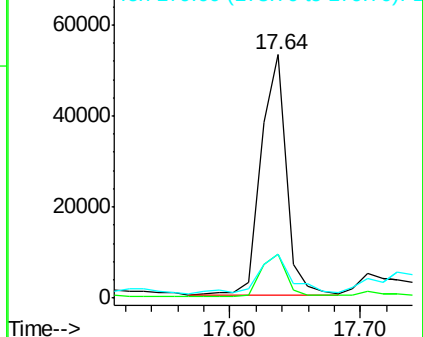


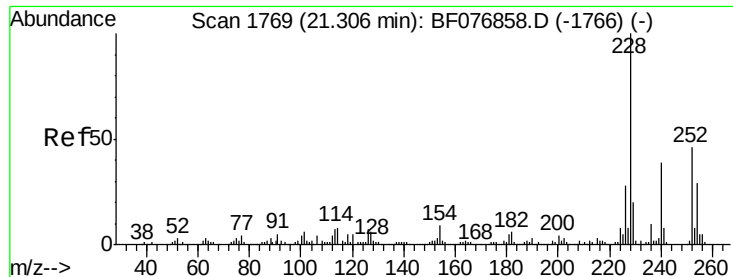
#70
Phenanthrene
Concen: 13.55 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077108.D
Acq: 28 Jan 2015 18:39

Tgt Ion:178 Resp: 72172
Ion Ratio Lower Upper
178 100
176 18.2 15.1 22.7
179 18.2 12.7 19.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

121B4DL

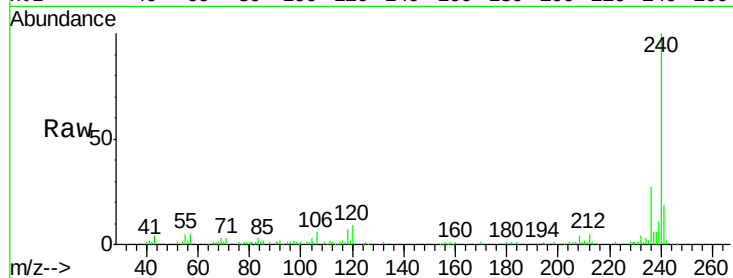
Tgt Ion:240 Resp: 83769

Ion Ratio Lower Upper

240 100

120 9.0 10.4 15.6#

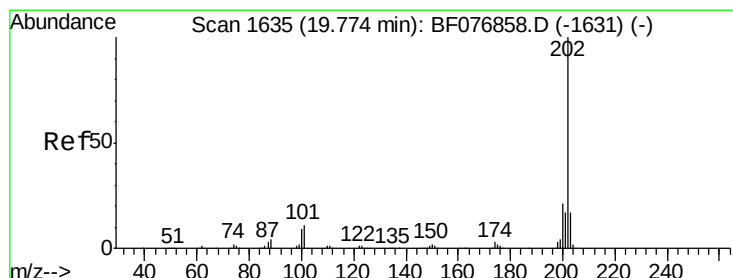
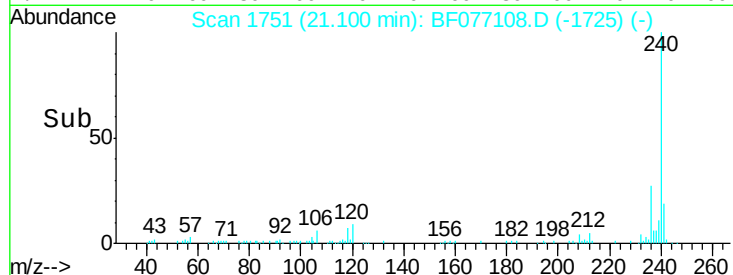
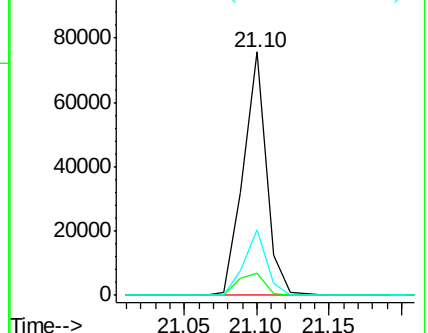
236 27.0 20.2 30.2



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: 2.93 ng

RT: 19.57 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF077108.D

Acq: 28 Jan 2015 18:39

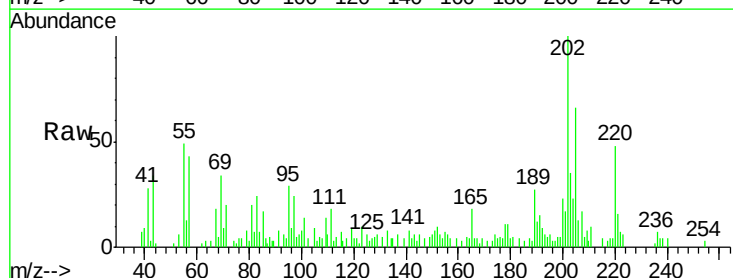
Tgt Ion:202 Resp: 16812

Ion Ratio Lower Upper

202 100

200 22.8 16.7 25.1

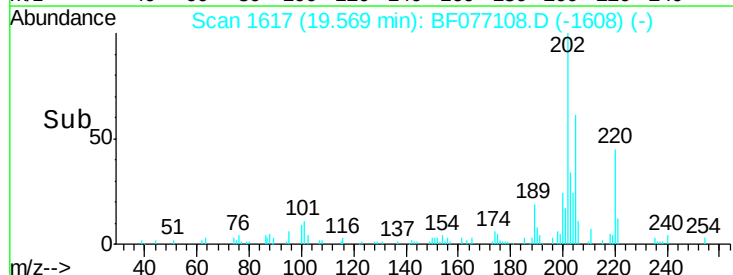
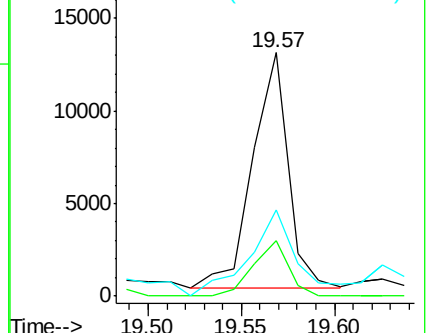
203 35.2 14.0 21.0#

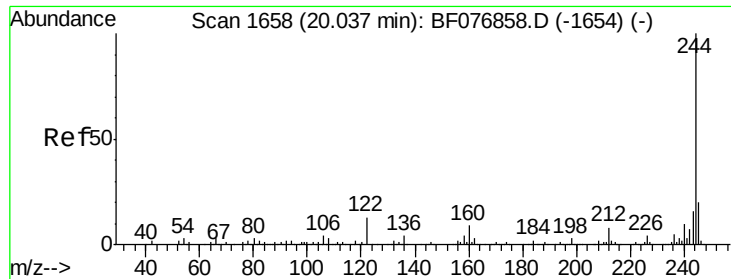


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

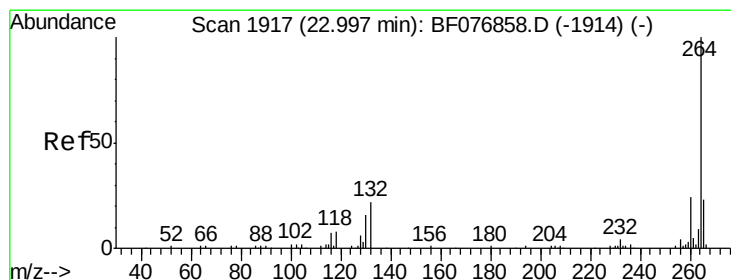
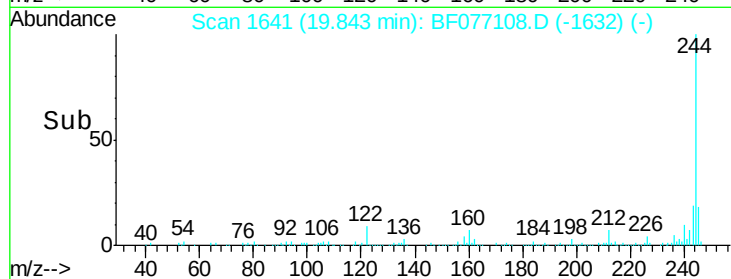
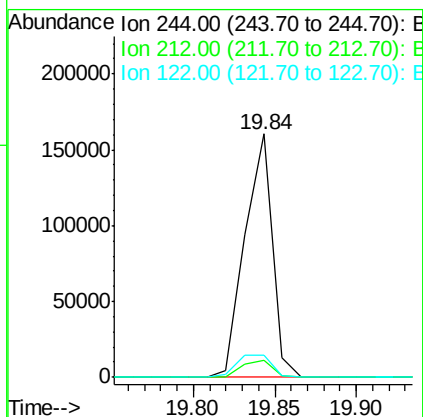
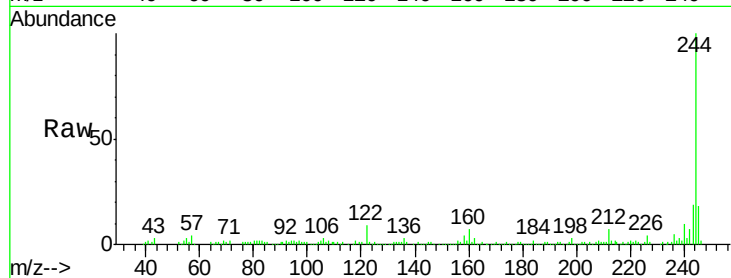




#78
 Terphenyl-d14
 Concen: 51.31 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF077108.D
 Acq: 28 Jan 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 121B4DL

Tgt Ion:244 Resp: 186696
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 9.0 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.73 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BF077108.D
 Acq: 28 Jan 2015 18:39

Tgt Ion:264 Resp: 76393
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 23.3 18.1 27.1

