

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077107.D
 Acq On : 28 Jan 2015 18:04
 Operator : TP/IZ
 Sample : G1139-04DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121B2CDL

Quant Time: Jan 29 10:48:19 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

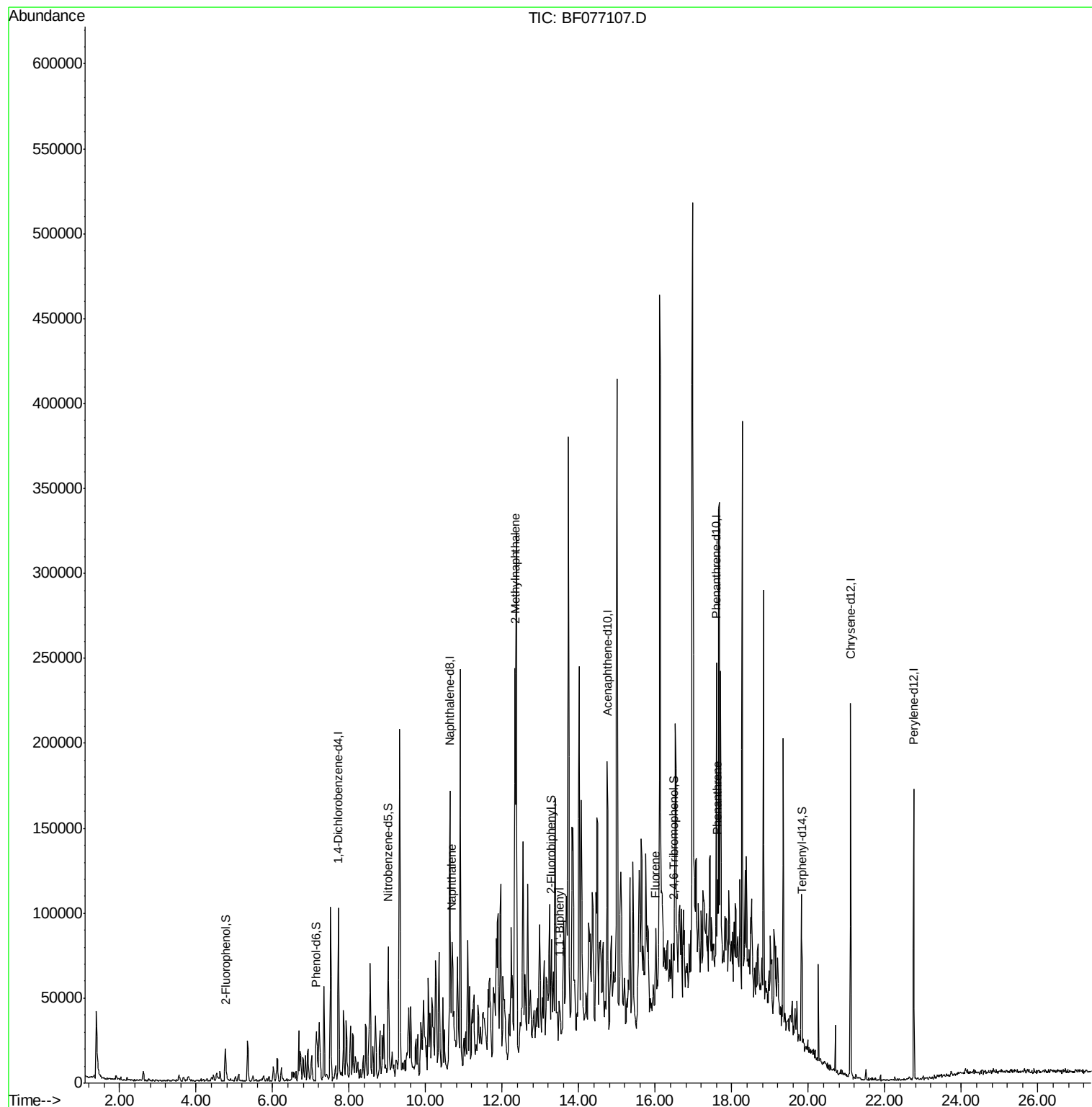
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	25971	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	107113	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	53534	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	89451	20.00	ng	0.00
75) Chrysene-d12	21.10	240	86819	20.00	ng	0.00
86) Perylene-d12	22.76	264	79089	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.77	112	14165	8.97	ng	0.01
7) Phenol-d6	7.14	99	18822	9.45	ng	0.00
23) Nitrobenzene-d5	9.02	82	12230	6.33	ng	0.00
41) 2,4,6-Tribromophenol	16.48	330	3816	8.78	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	24390	6.93	ng	0.00
78) Terphenyl-d14	19.83	244	22568	5.98	ng	-0.01
Target Compounds						
31) Naphthalene	10.68	128	40165	7.28	ng	Qvalue # 93
37) 2-Methylnaphthalene	12.33	142	98399	26.13	ng	98
45) 1,1'-Biphenyl	13.49	154	10814	2.72	ng	98
57) Fluorene	16.00	166	9510	2.47	ng	# 78
70) Phenanthrene	17.63	178	30384	5.45	ng	99

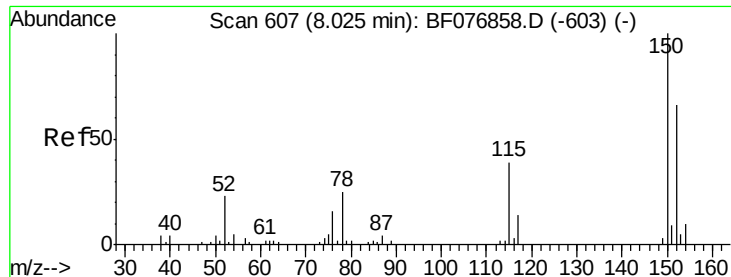
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
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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: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampleId :

121B2CDL

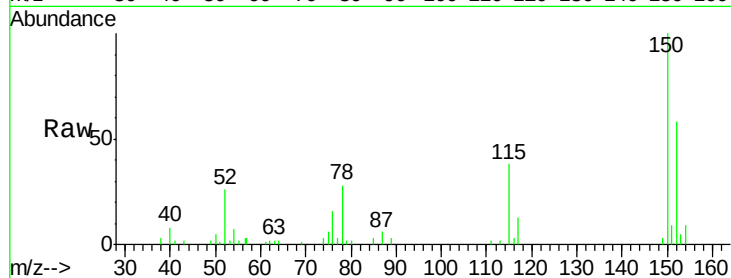
Tgt Ion:152 Resp: 25971

Ion Ratio Lower Upper

152 100

150 171.8 121.7 182.5

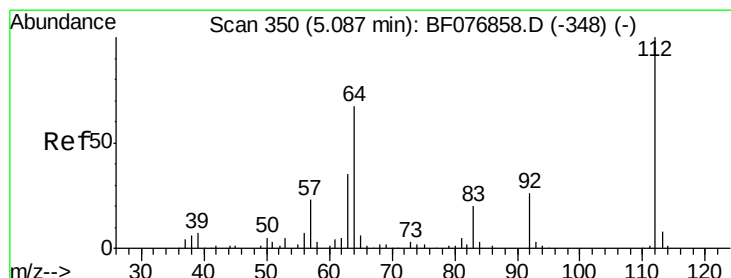
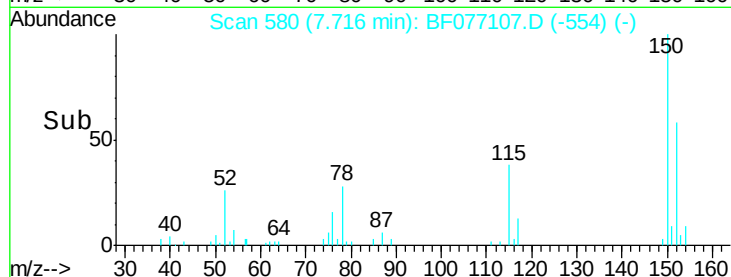
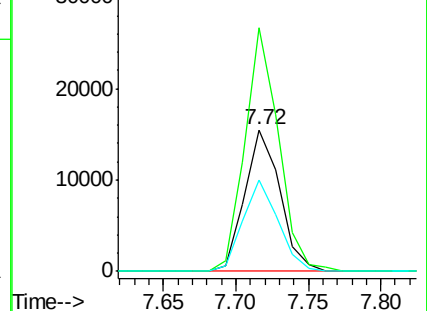
115 64.7 47.0 70.6



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: 8.97 ng

RT: 4.77 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

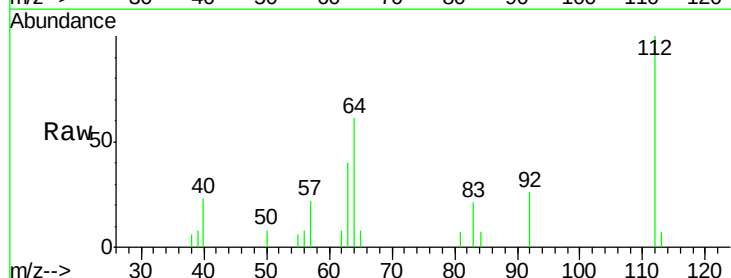
Tgt Ion:112 Resp: 14165

Ion Ratio Lower Upper

112 100

64 60.8 54.2 81.4

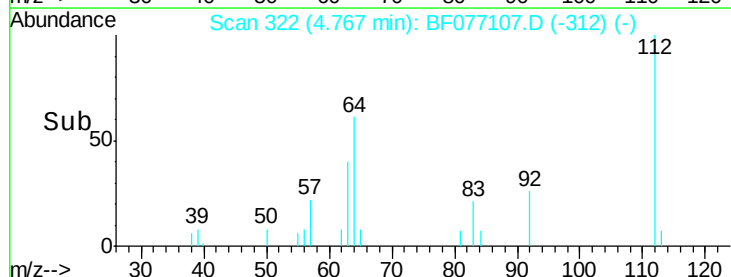
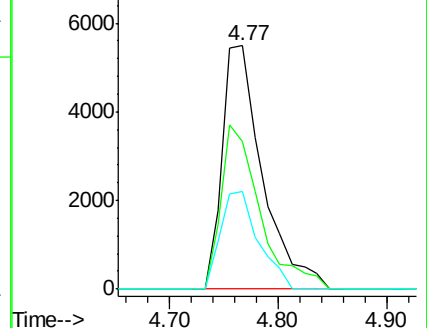
63 40.4 28.4 42.6

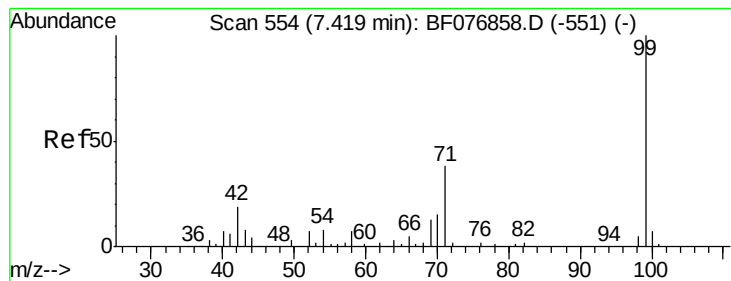


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 9.45 ng

RT: 7.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampled :

121B2CDL

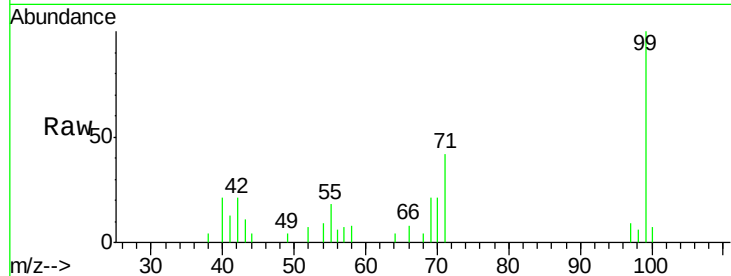
Tgt Ion: 99 Resp: 18822

Ion Ratio Lower Upper

99 100

42 21.0 15.0 22.4

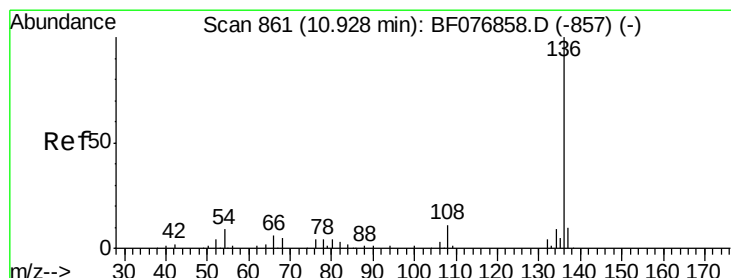
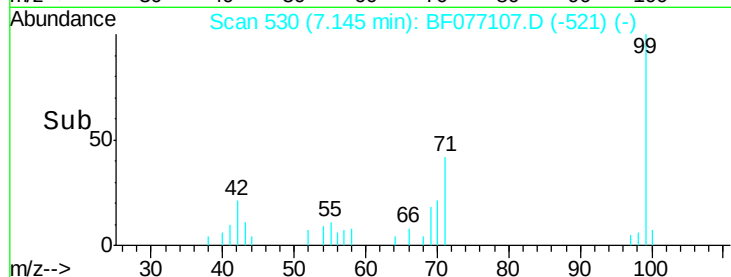
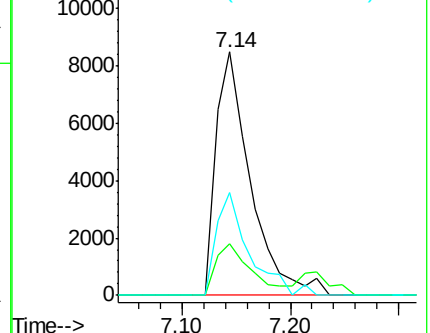
71 42.3 30.5 45.7



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: BF077107.D

Acq: 28 Jan 2015 18:04

Tgt Ion: 136 Resp: 107113

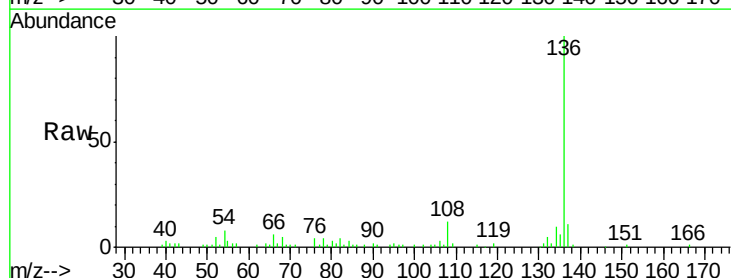
Ion Ratio Lower Upper

136 100

137 11.1 8.1 12.1

54 8.3 7.0 10.4

68 5.0 3.7 5.5

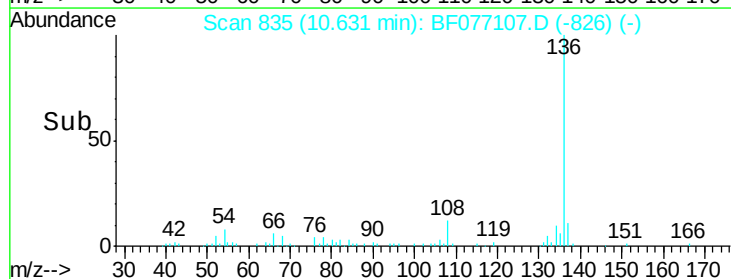
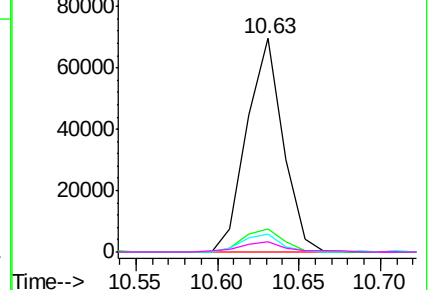


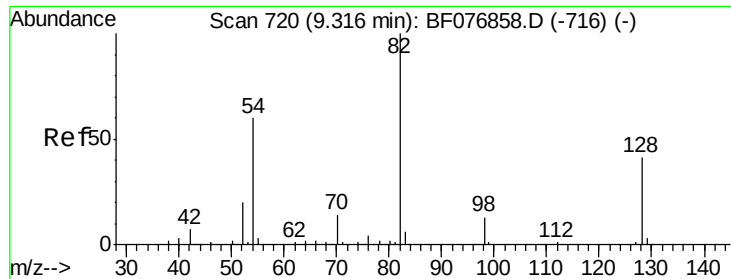
Abundance Ion 136.00 (135.70 to 136.70): E

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

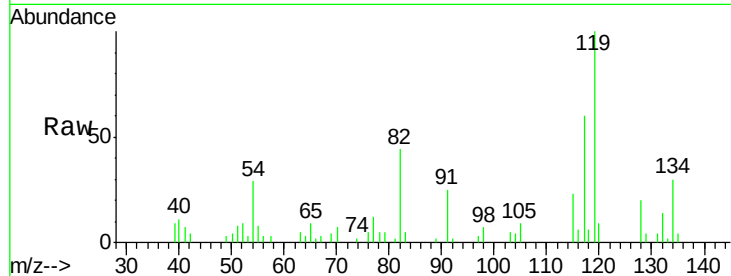




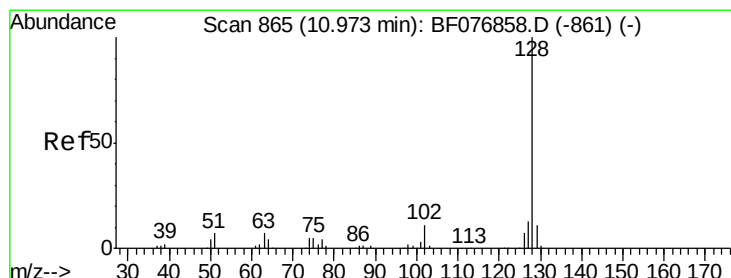
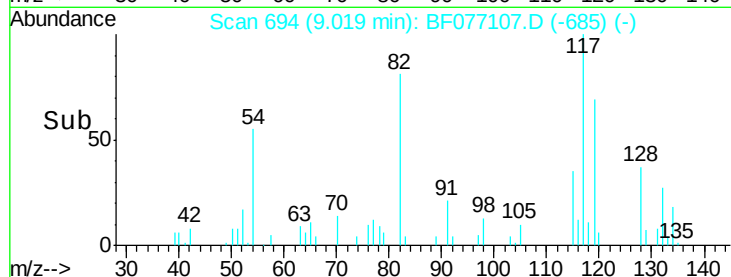
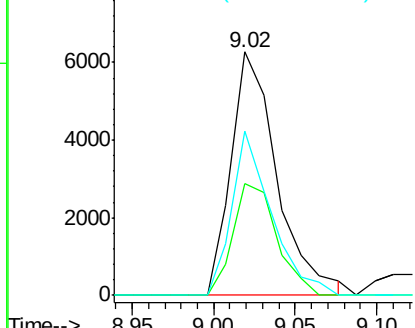
#23
Nitrobenzene-d5
Concen: 6.33 ng
RT: 9.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :
121B2CDL

Tgt Ion: 82 Resp: 12230
Ion Ratio Lower Upper
82 100
128 45.9 33.1 49.7
54 67.5 48.3 72.5

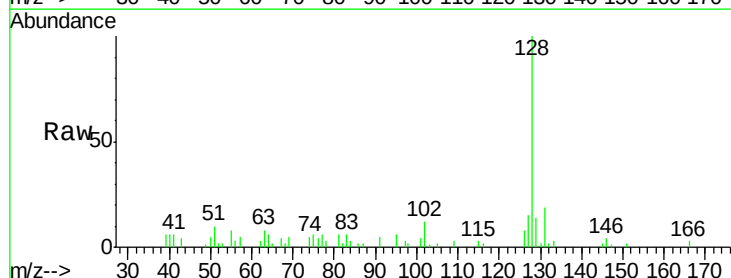


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

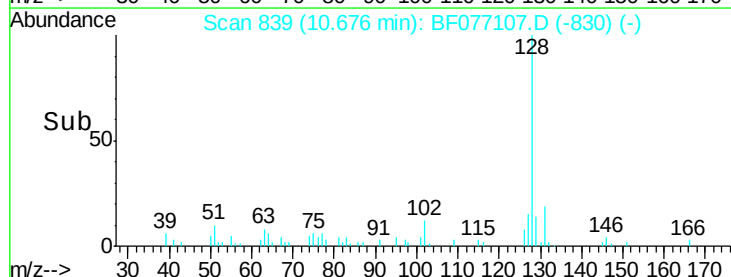
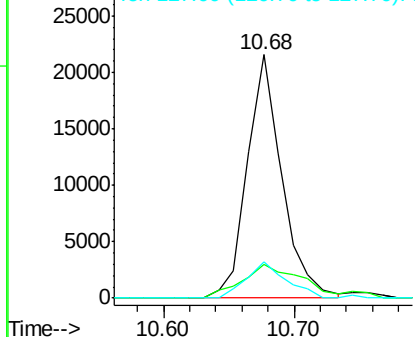


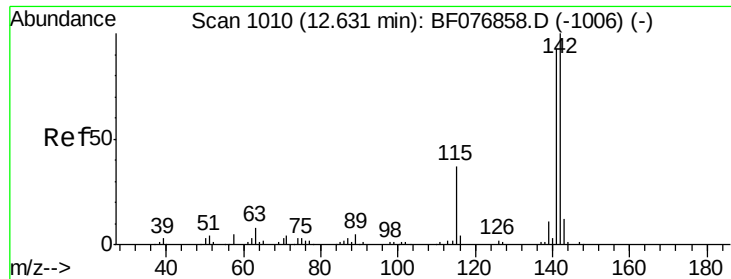
#31
Naphthalene
Concen: 7.28 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion: 128 Resp: 40165
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.6#
127 15.2 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

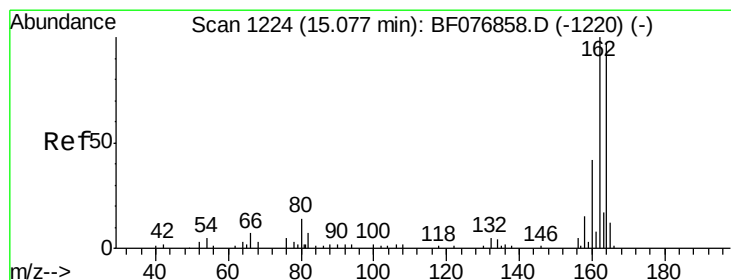
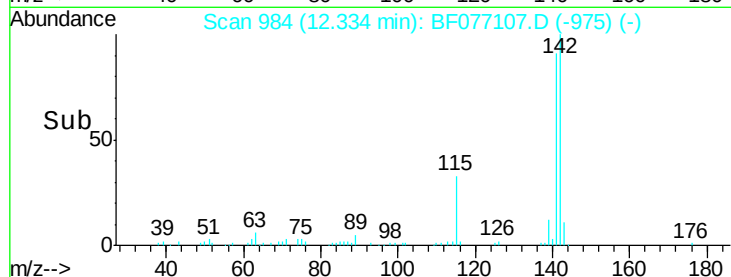
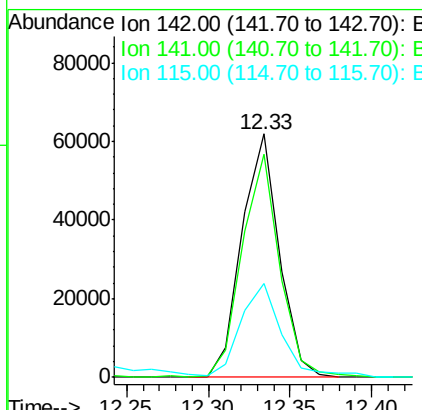
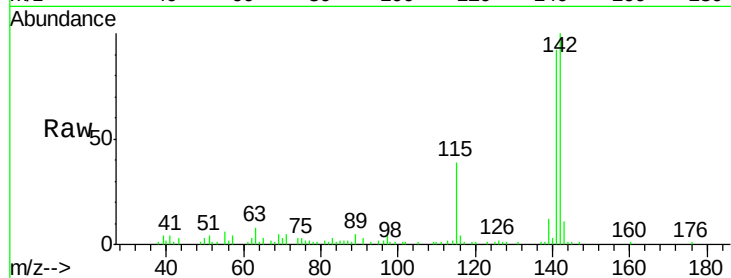




#37
 2-Methylnaphthalene
 Concen: 26.13 ng
 RT: 12.33 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

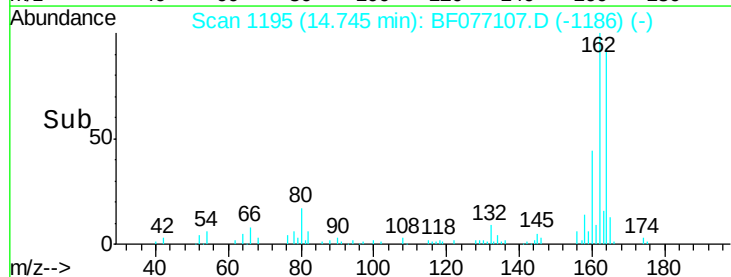
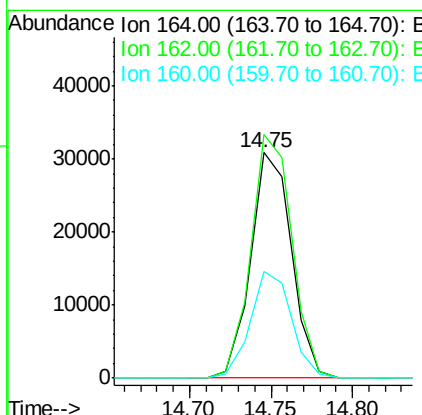
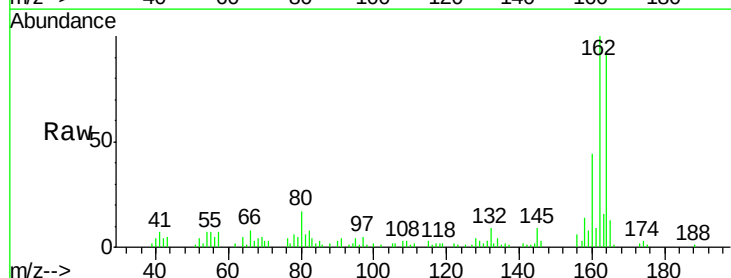
Instrument :
 BNA_F
 ClientSampleId :
 121B2CDL

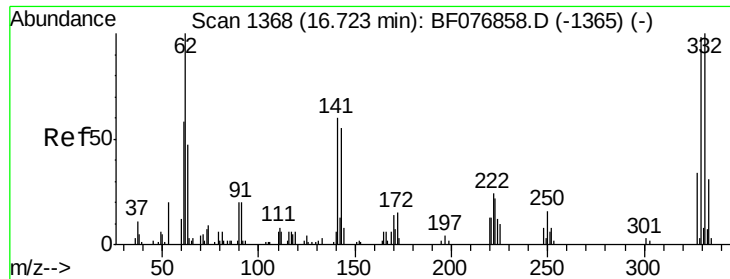
Tgt Ion:142 Resp: 98399
 Ion Ratio Lower Upper
 142 100
 141 91.8 74.5 111.7
 115 38.6 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Tgt Ion:164 Resp: 53534
 Ion Ratio Lower Upper
 164 100
 162 108.0 82.4 123.6
 160 47.1 34.8 52.2

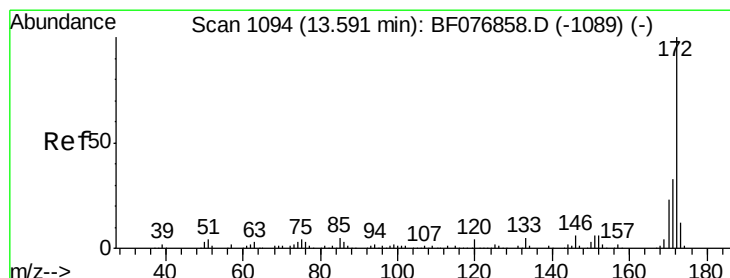
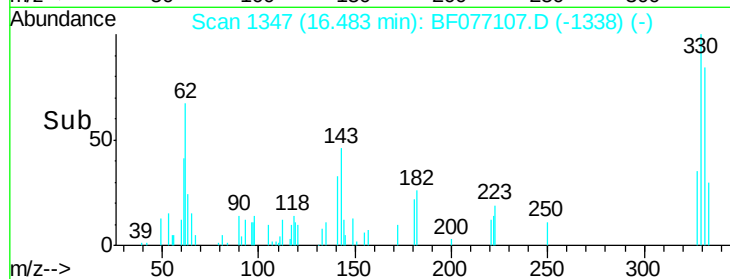
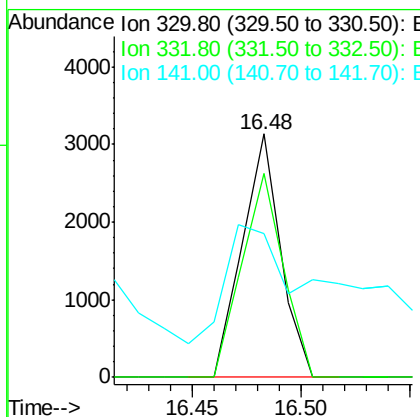
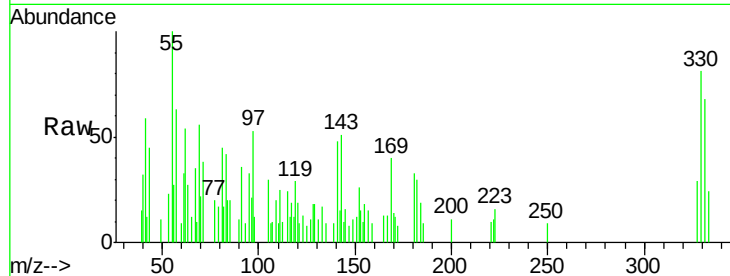




#41
 2,4,6-Tribromophenol
 Concen: 8.78 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

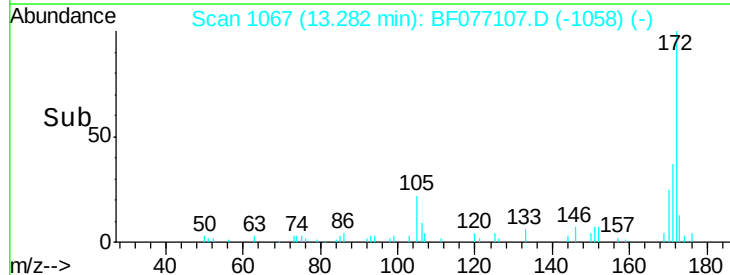
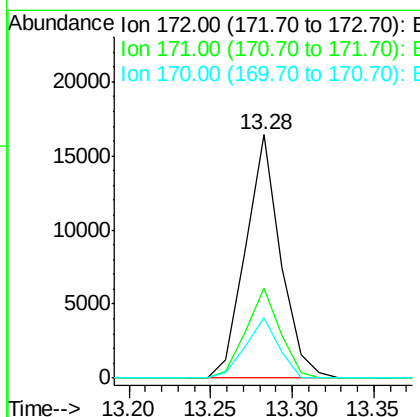
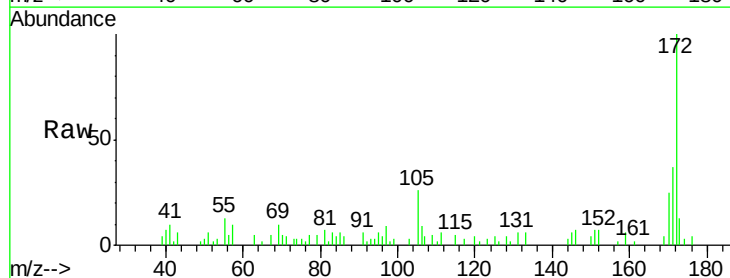
Instrument :
 BNA_F
 ClientSampleId :
 121B2CDL

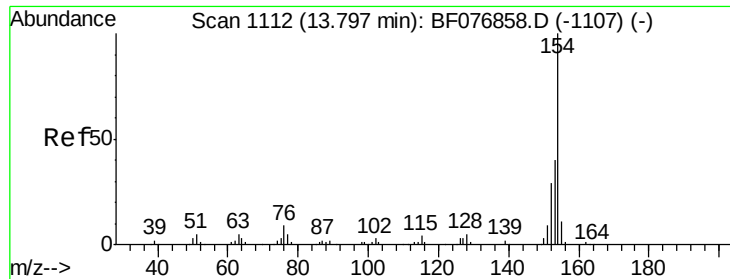
Tgt Ion: 330 Resp: 3816
 Ion Ratio Lower Upper
 330 100
 332 90.8 77.8 116.6
 141 111.4 38.5 57.7#



#44
 2-Fluorobiphenyl
 Concen: 6.93 ng
 RT: 13.28 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: BF077107.D
 Acq: 28 Jan 2015 18:04

Tgt Ion: 172 Resp: 24390
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.6 40.0
 170 25.1 18.0 27.0





#45

1,1'-Biphenyl

Concen: 2.72 ng

RT: 13.49 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampleId :

121B2CDL

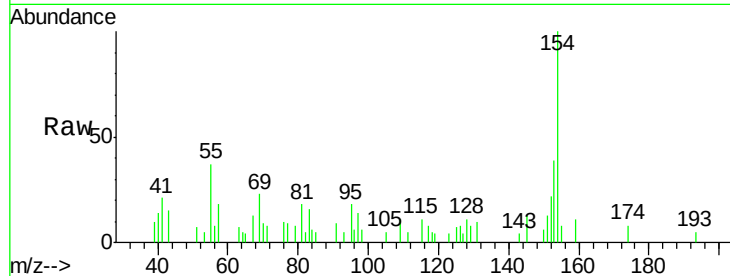
Tgt Ion:154 Resp: 10814

Ion Ratio Lower Upper

154 100

153 38.9 20.2 60.2

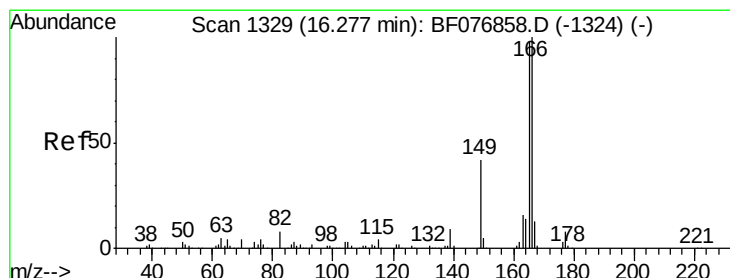
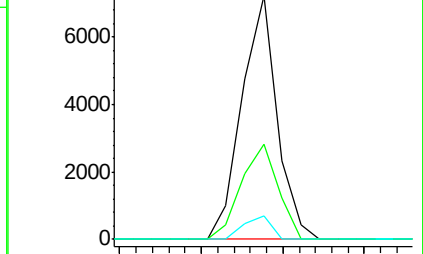
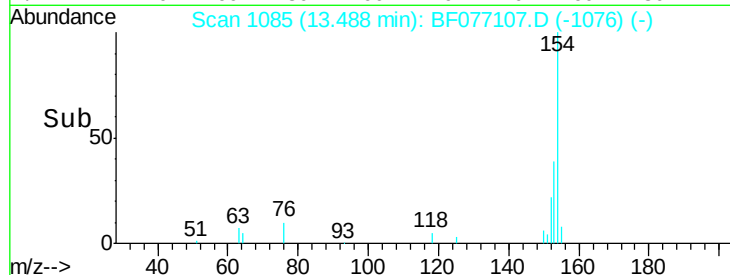
76 9.8 0.0 29.0



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): BF0



#57

Fluorene

Concen: 2.47 ng

RT: 16.00 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

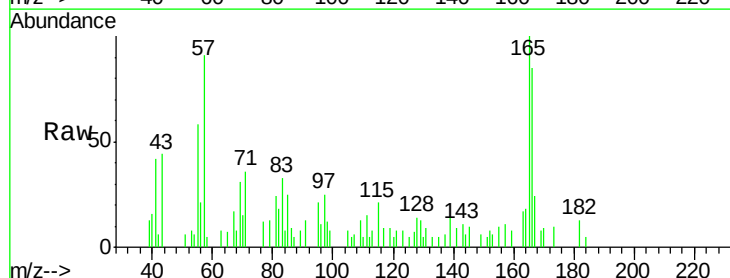
Tgt Ion:166 Resp: 9510

Ion Ratio Lower Upper

166 100

165 117.3 78.5 117.7

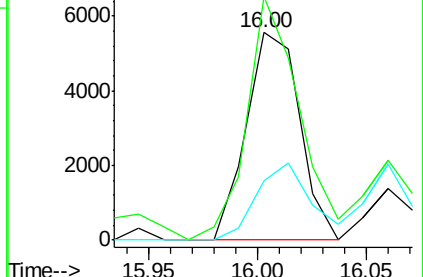
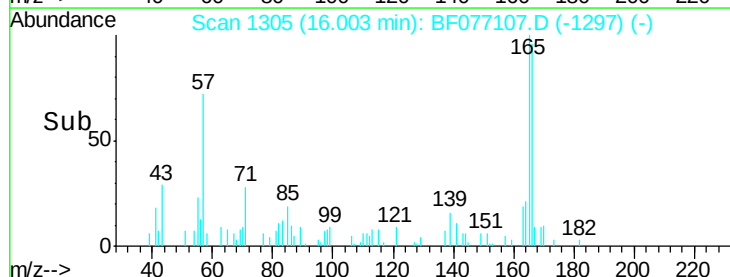
167 28.5 10.4 15.6#

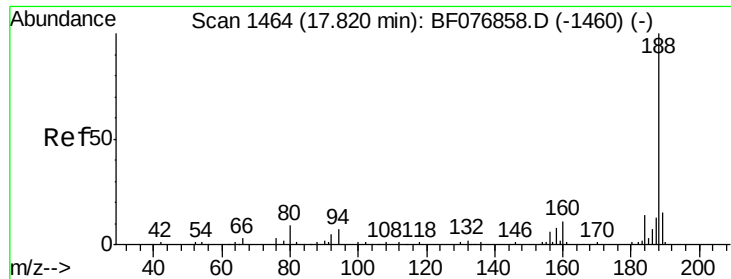


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

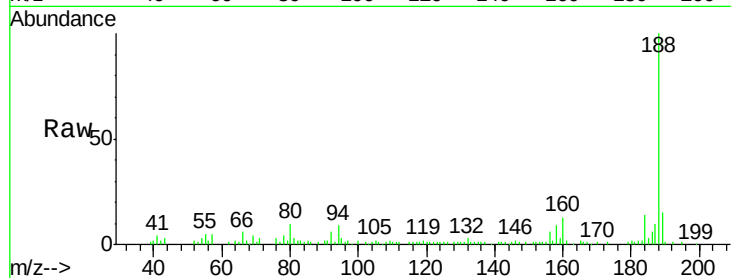




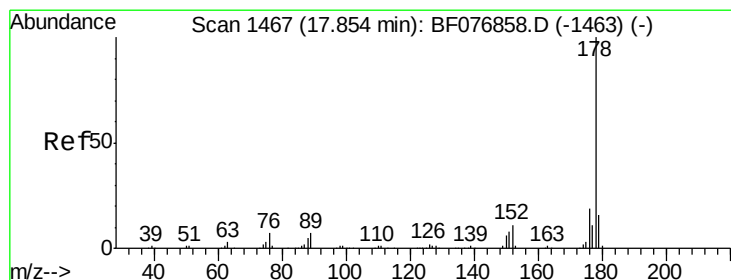
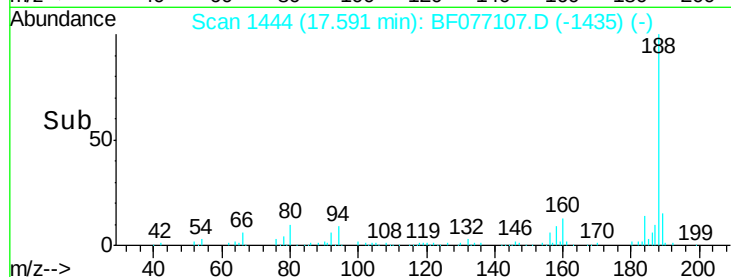
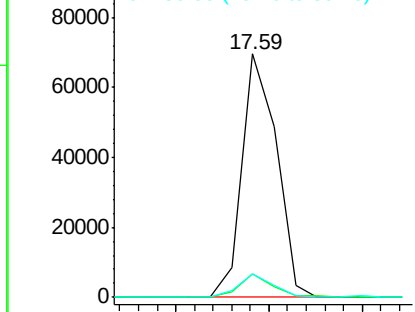
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Instrument :
BNA_F
ClientSampleId :
121B2CDL

Tgt Ion:188 Resp: 89451
Ion Ratio Lower Upper
188 100
94 9.5 6.0 9.0#
80 9.7 6.9 10.3

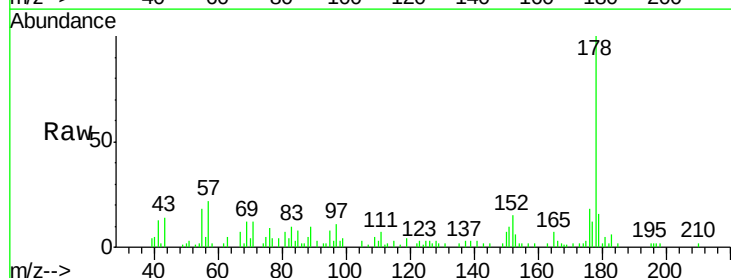


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

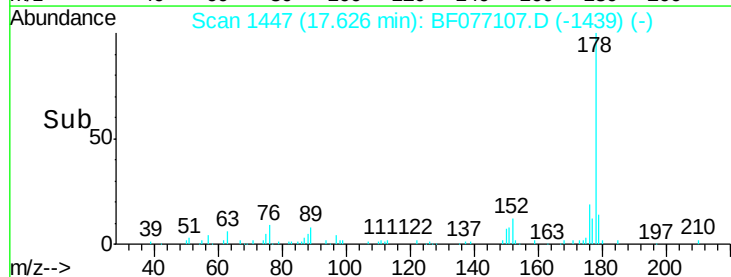
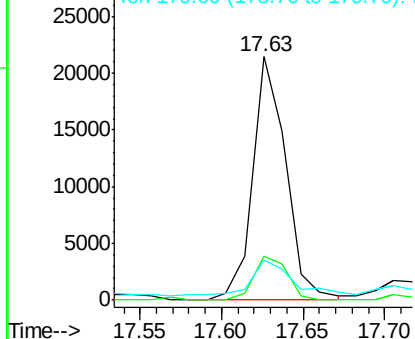


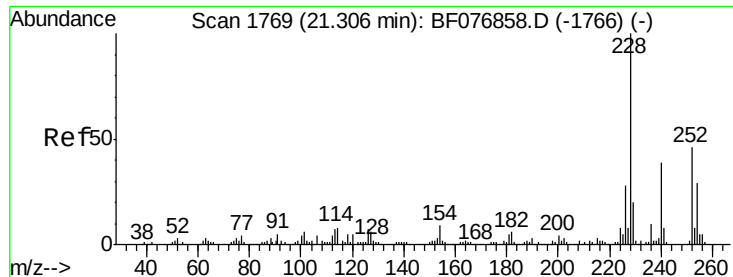
#70
Phenanthrene
Concen: 5.45 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077107.D
Acq: 28 Jan 2015 18:04

Tgt Ion:178 Resp: 30384
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 16.4 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: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampleId :

121B2CDL

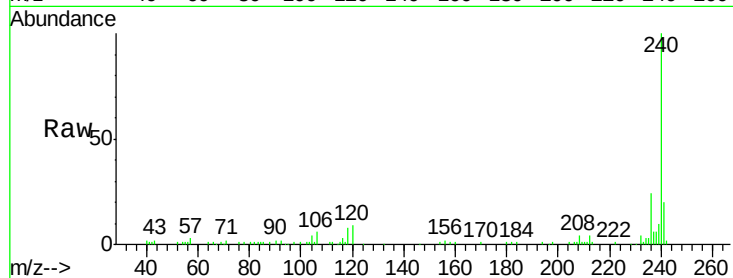
Tgt Ion:240 Resp: 86819

Ion Ratio Lower Upper

240 100

120 9.4 10.4 15.6#

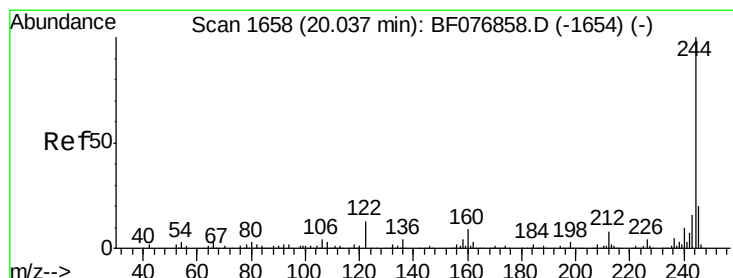
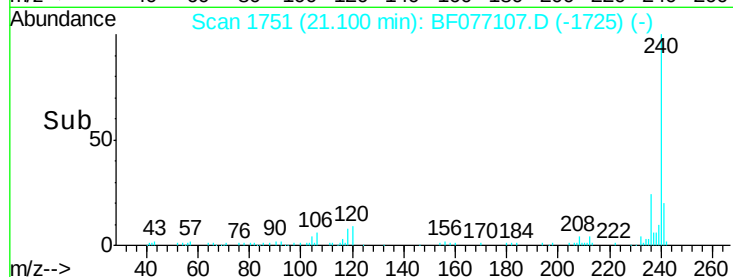
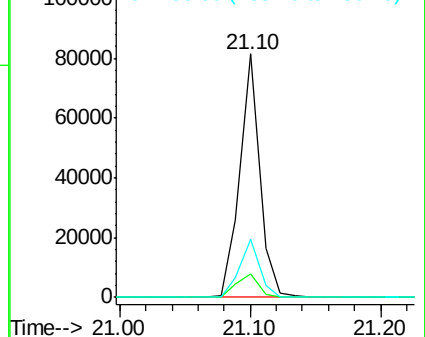
236 23.8 20.2 30.2



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



#78

Terphenyl-d14

Concen: 5.98 ng

RT: 19.83 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

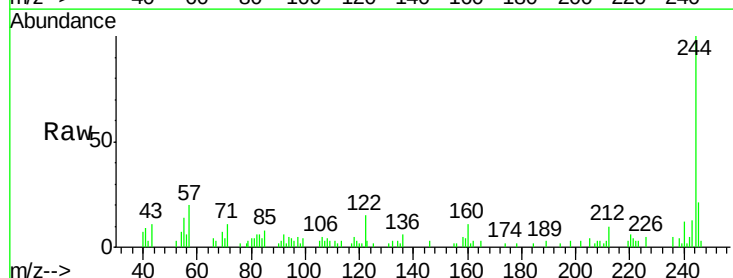
Tgt Ion:244 Resp: 22568

Ion Ratio Lower Upper

244 100

212 10.3 6.3 9.5#

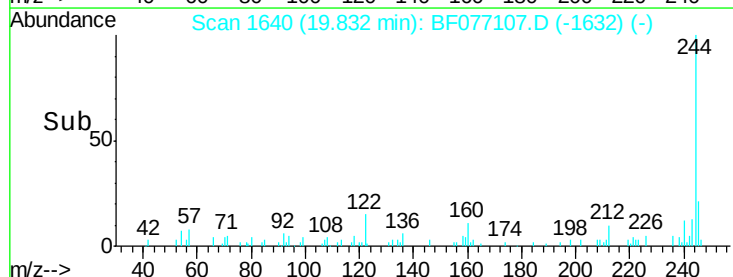
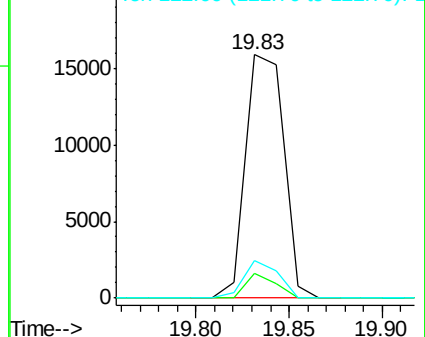
122 15.4 10.1 15.1#

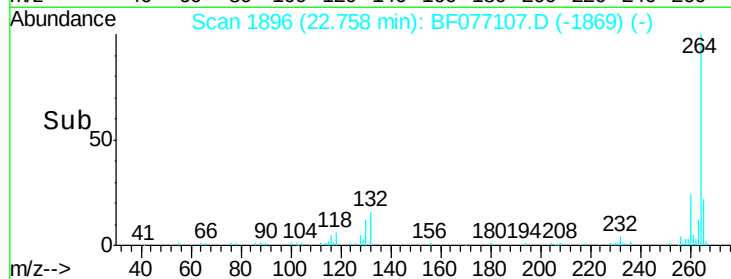
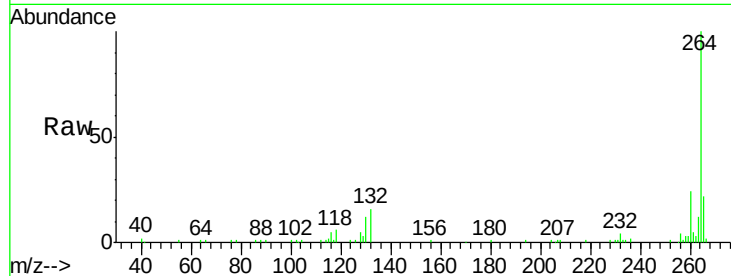
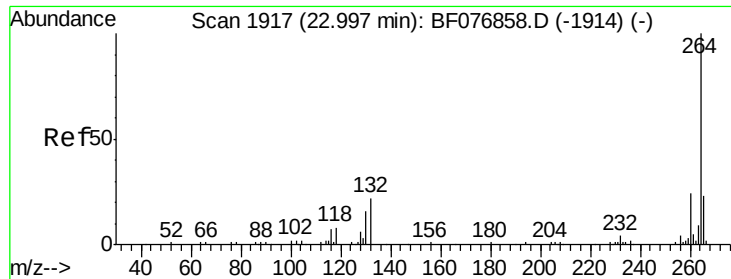


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 22.76 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BF077107.D

Acq: 28 Jan 2015 18:04

Instrument :

BNA_F

ClientSampleId :

121B2CDL

Tgt Ion: 264 Resp: 79089

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 22.0 18.1 27.1

Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

