

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077655.D
 Acq On : 9 Mar 2015 23:22
 Operator : TP/IZ
 Sample : G1453-03DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEP4DL

Quant Time: Mar 10 01:08:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	47157	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	197580	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	101264	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	210352	20.00	ng	0.00
75) Chrysene-d12	16.06	240	267528	20.00	ng	0.00
86) Perylene-d12	17.73	264	267796	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	43623	15.44	ng	0.00
7) Phenol-d6	6.76	99	53322	14.68	ng	0.00
23) Nitrobenzene-d5	7.88	82	25366	7.98	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	2406	2.47	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	60157	9.26	ng	0.00
78) Terphenyl-d14	14.77	244	79887	6.98	ng	0.00

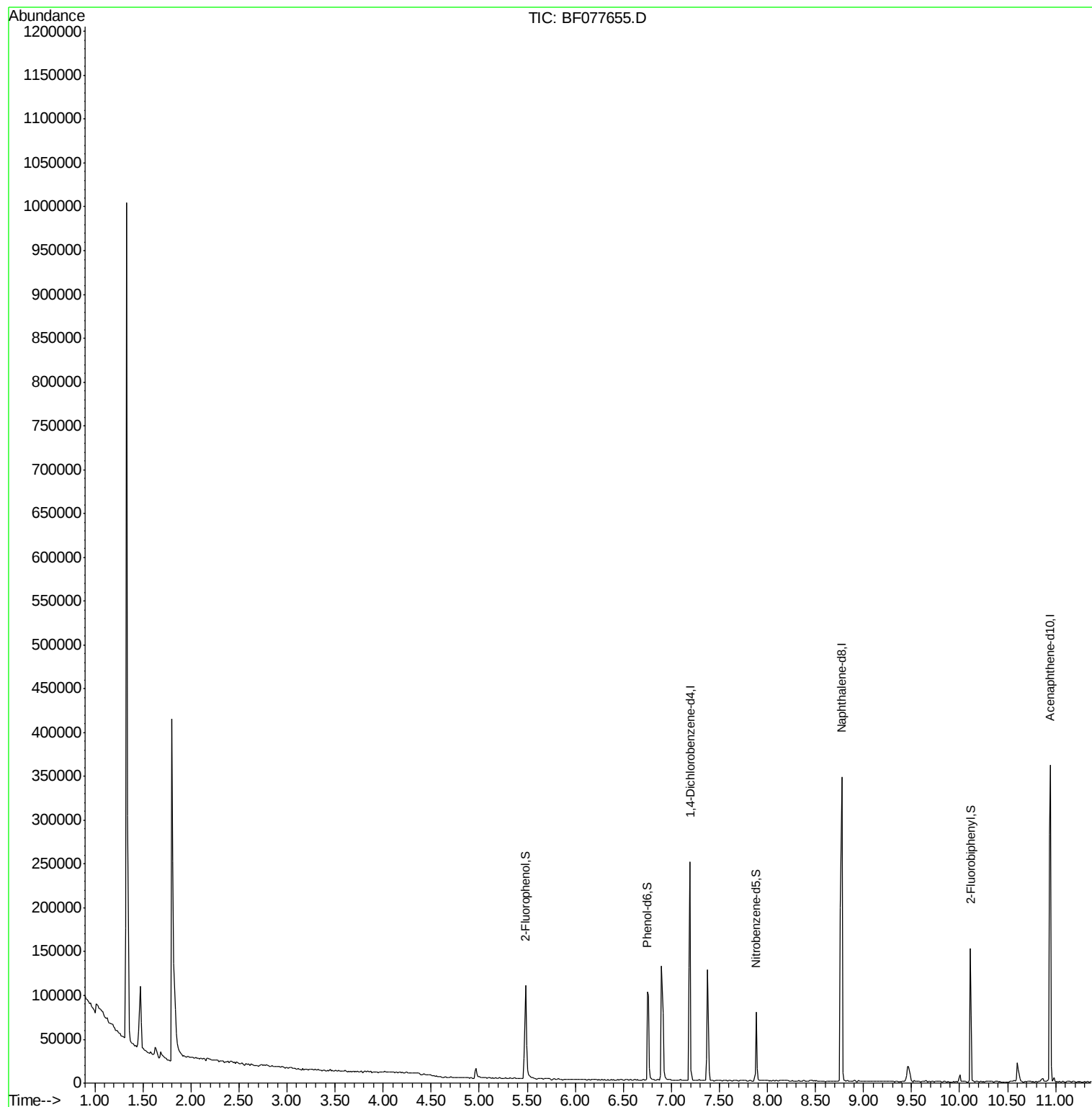
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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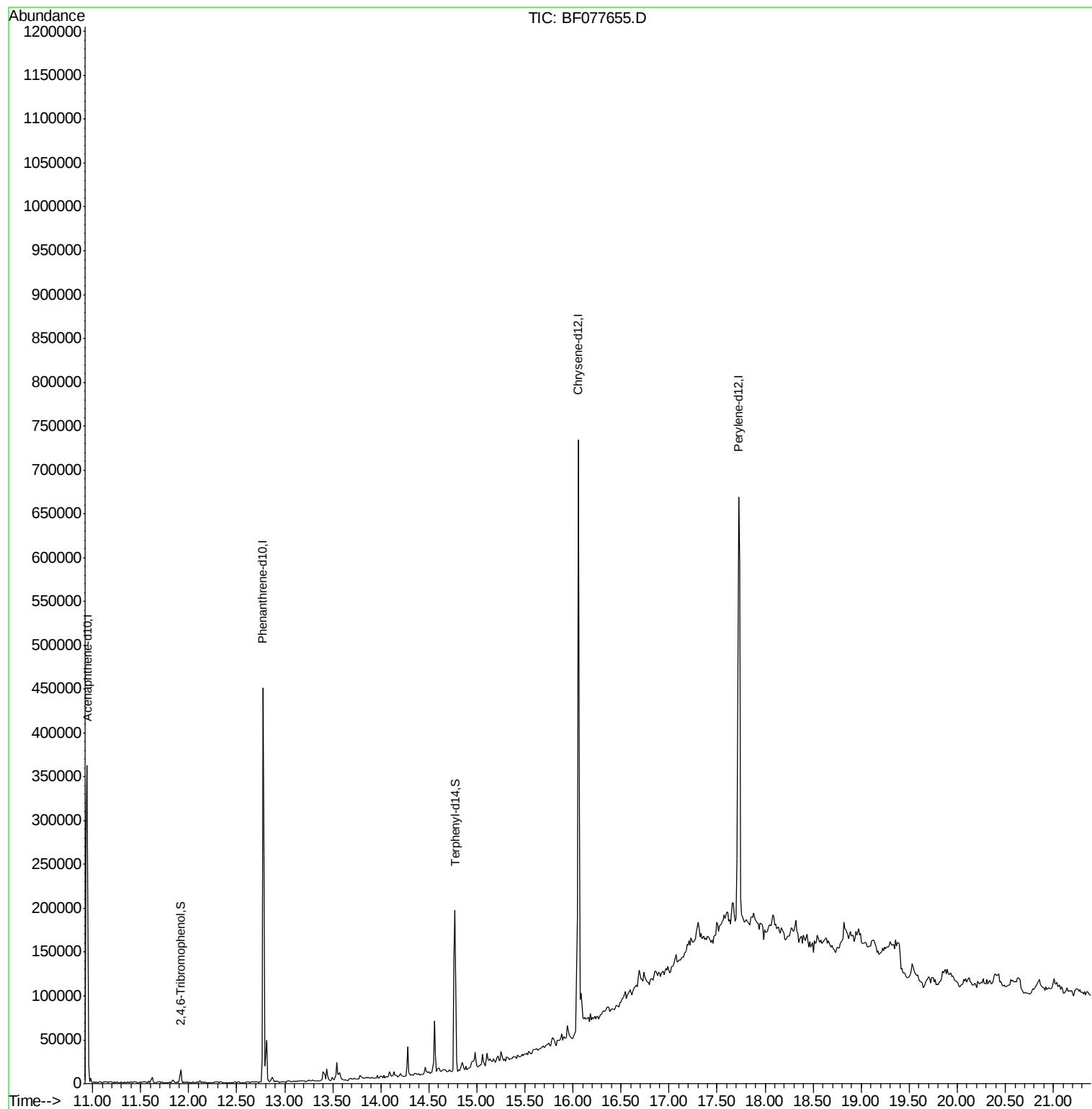
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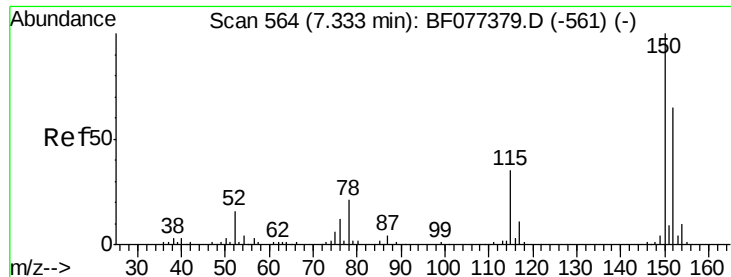


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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.19 min Scan# 552

Delta R.T. -0.00 min

Lab File: BF077655.D

Acq: 9 Mar 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SEP4DL

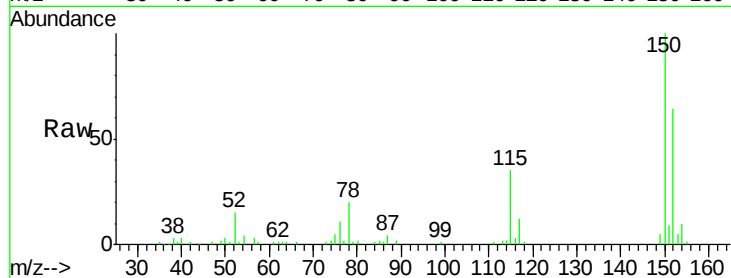
Tot Ion:152 Resp: 47157

Ion Ratio Lower Upper

152 100

150 155.5 124.0 186.0

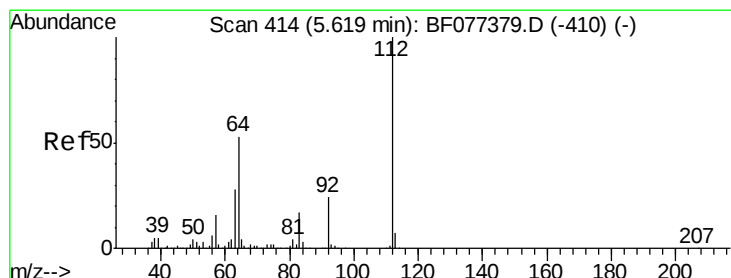
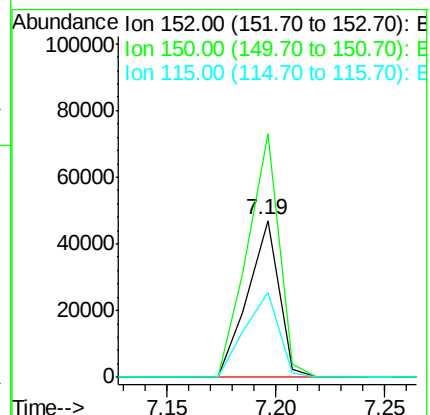
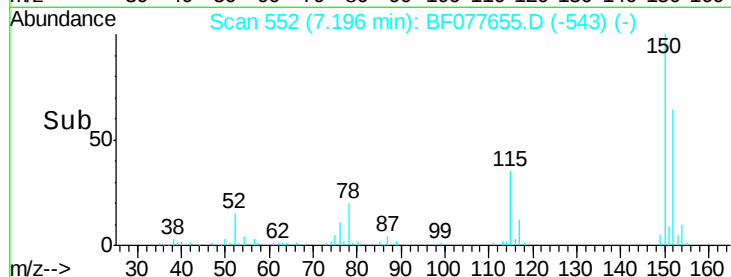
115 54.1 49.4 74.2



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: 15.44 ng

RT: 5.49 min Scan# 403

Delta R.T. 0.01 min

Lab File: BF077655.D

Acq: 9 Mar 2015 23:22

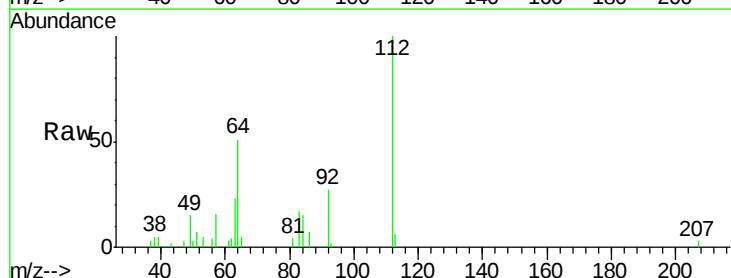
Tgt Ion:112 Resp: 43623

Ion Ratio Lower Upper

112 100

64 51.1 48.5 72.7

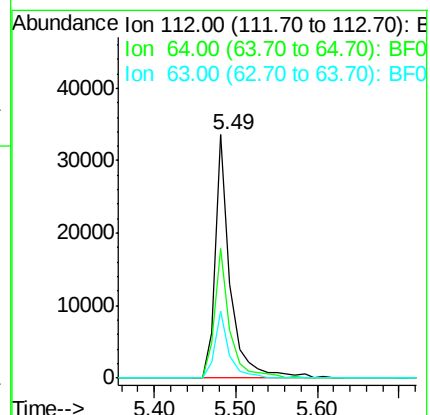
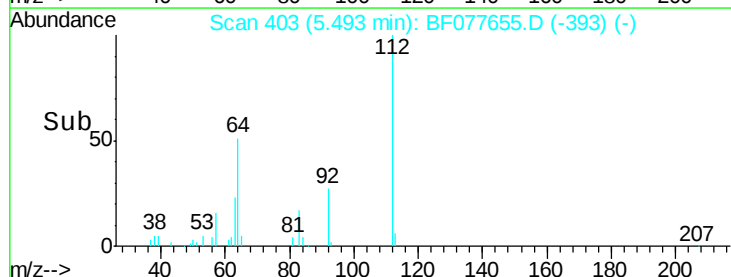
63 23.3 25.0 37.4#

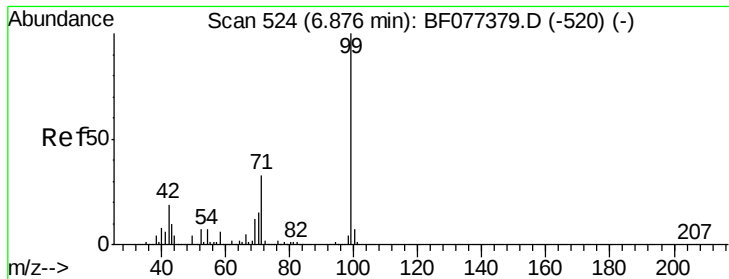


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 14.68 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077655.D

Acq: 9 Mar 2015 23:22

Instrument :

BNA_F

ClientSampleId :

SEP4DL

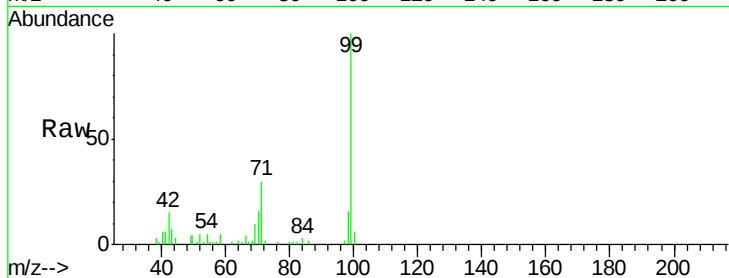
Tot Ion: 99 Resp: 53322

Ion Ratio Lower Upper

99 100

42 15.3 16.2 24.4#

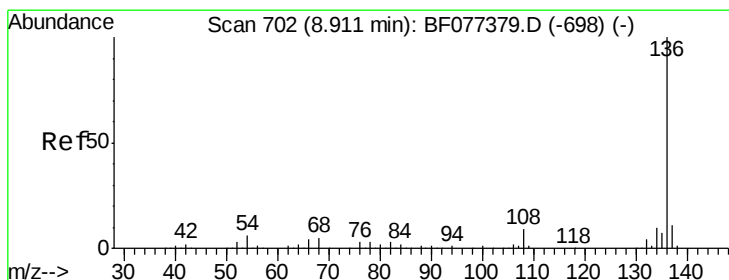
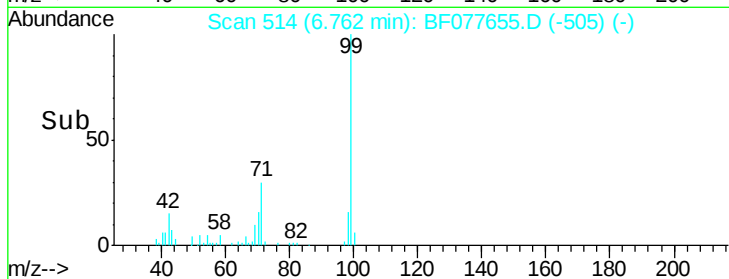
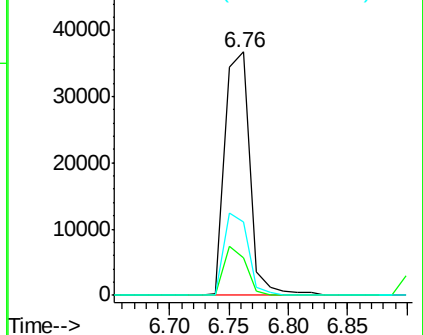
71 30.1 26.7 40.1



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: 8.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF077655.D

Acq: 9 Mar 2015 23:22

Tgt Ion: 136 Resp: 197580

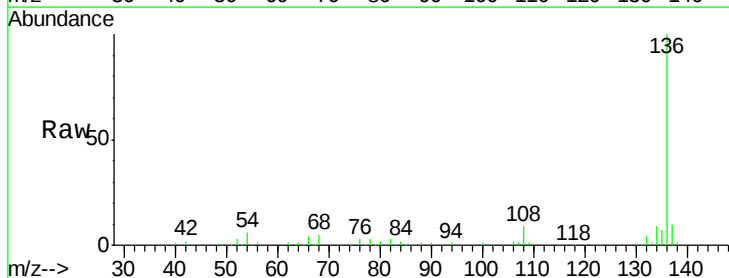
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 5.6 6.2 9.4#

68 4.7 5.0 7.6#

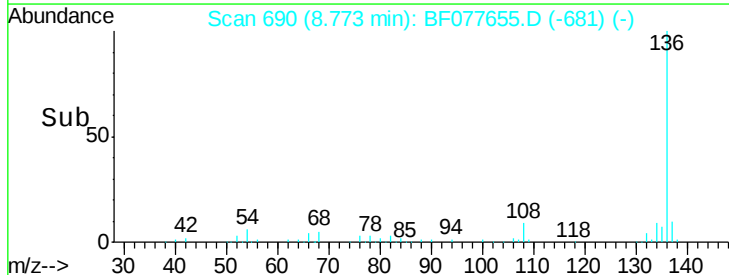
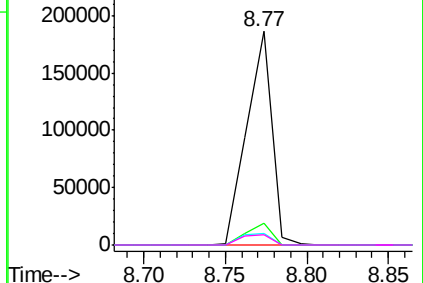


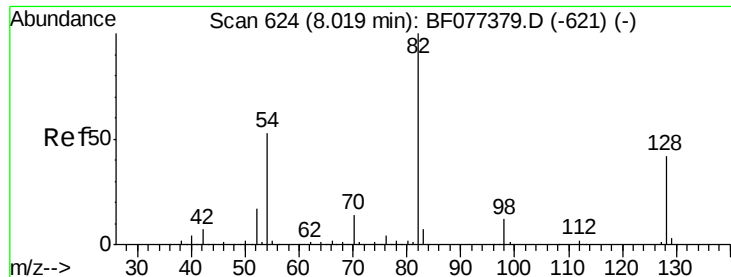
Abundance Ion 136.00 (135.70 to 136.70): E

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

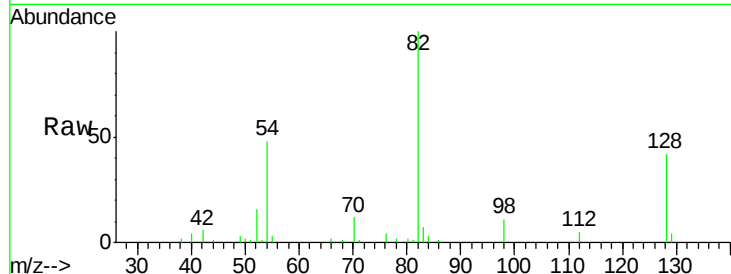




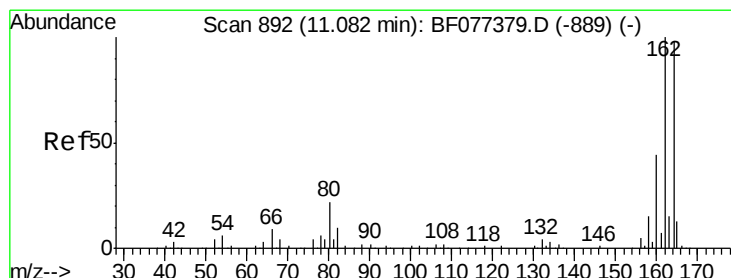
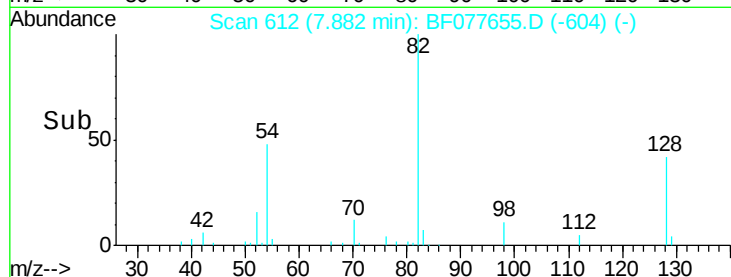
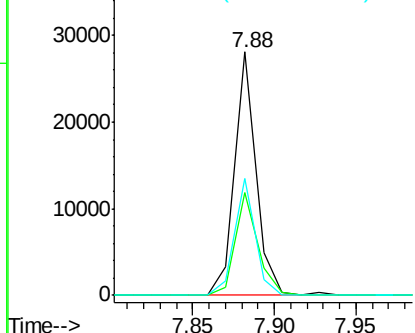
#23
 Nitrobenzene-d5
 Concen: 7.98 ng
 RT: 7.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SEP4DL

Tot Ion: 82 Resp: 25366
 Ion Ratio Lower Upper
 82 100
 128 42.2 43.8 65.8#
 54 47.8 36.7 55.1

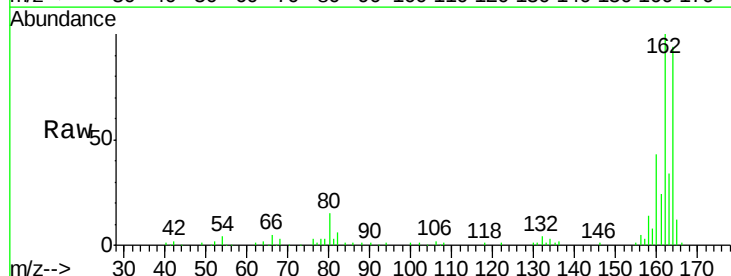


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

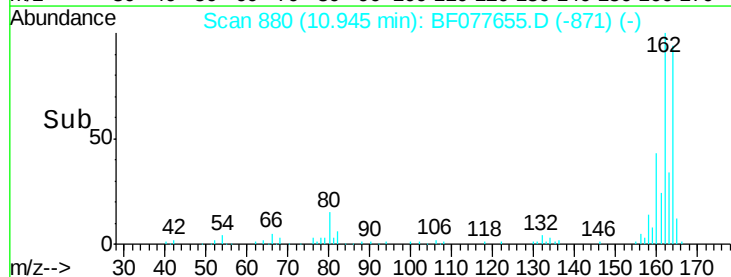
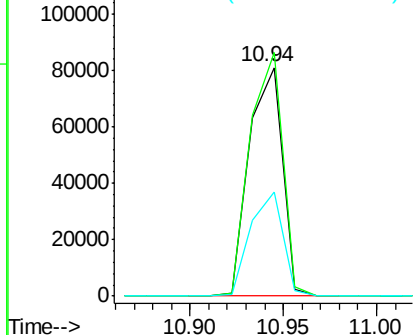


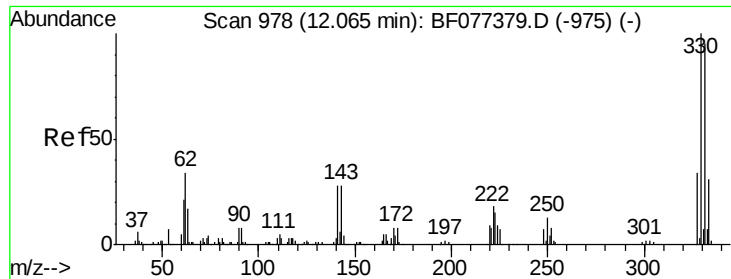
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.94 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Tgt Ion:164 Resp: 101264
 Ion Ratio Lower Upper
 164 100
 162 106.5 83.2 124.8
 160 45.5 34.6 52.0



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

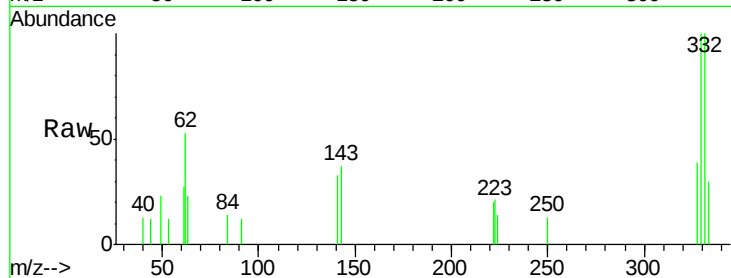




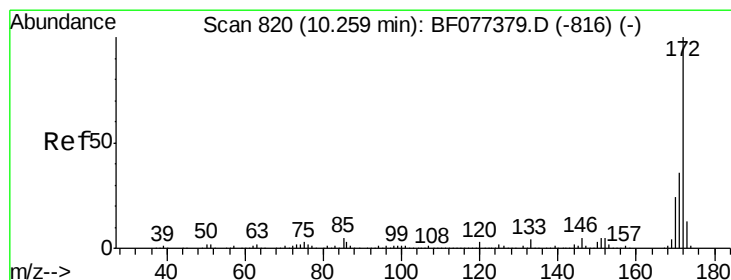
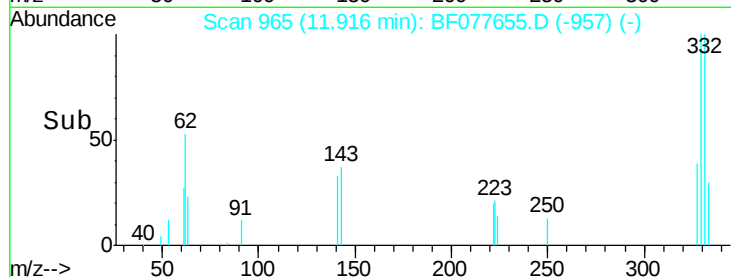
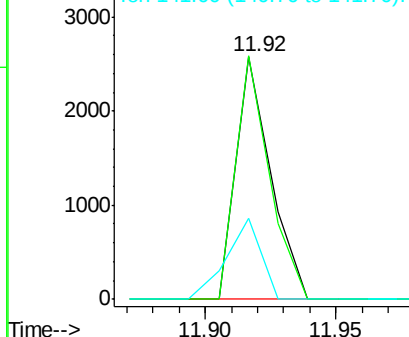
#41
 2,4,6-Tribromophenol
 Concen: 2.47 ng
 RT: 11.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SEP4DL

Tot Ion:330 Resp: 2406
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 33.2 28.8 43.2

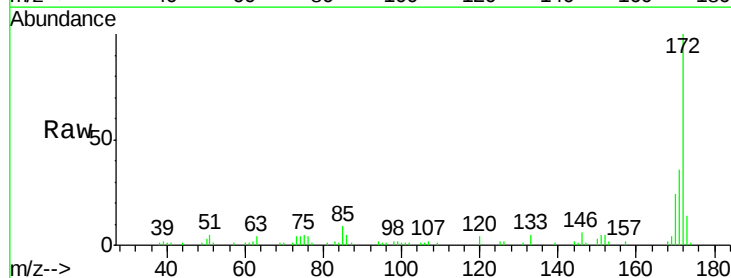


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

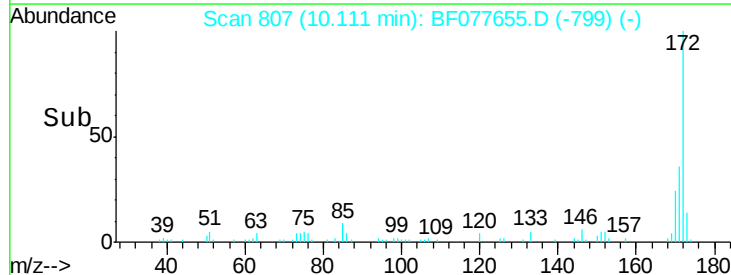
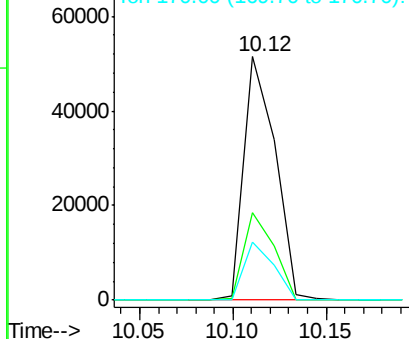


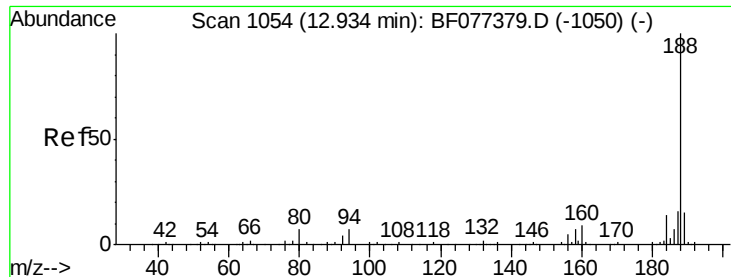
#44
 2-Fluorobiphenyl
 Concen: 9.26 ng
 RT: 10.12 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Tgt Ion:172 Resp: 60157
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 23.6 19.4 29.2



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

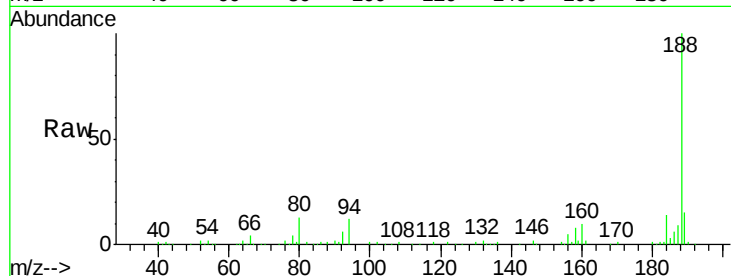




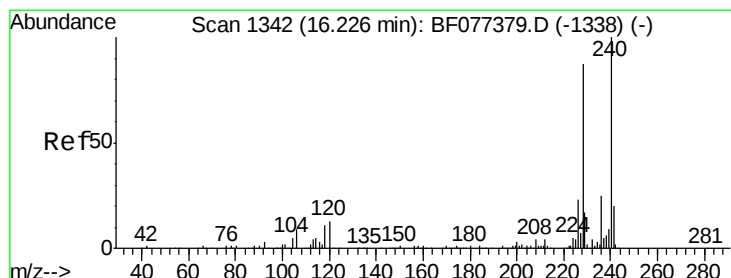
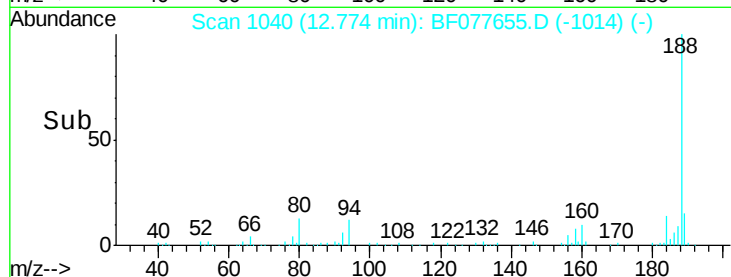
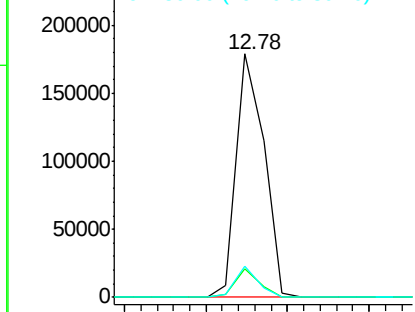
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077655.D
Acq: 9 Mar 2015 23:22

Instrument :
BNA_F
ClientSampleId :
SEP4DL

Tot Ion:188 Resp: 210352
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.8 8.0 12.0#

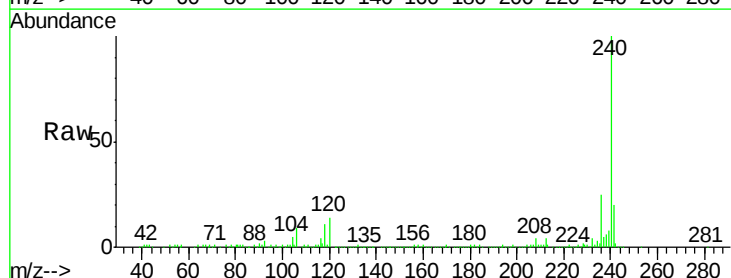


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

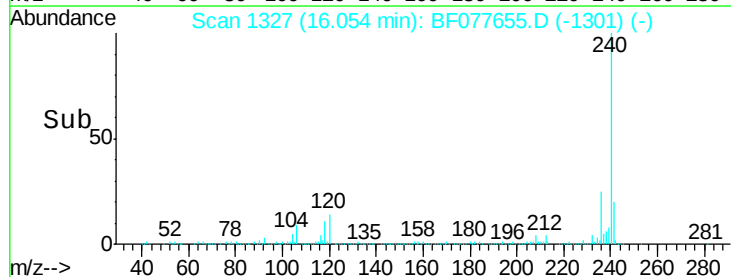
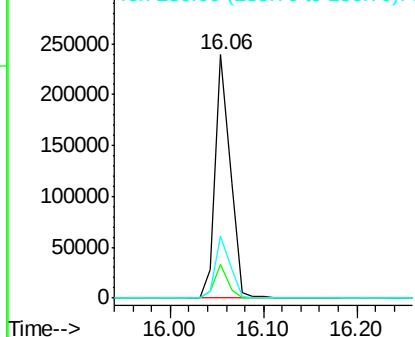


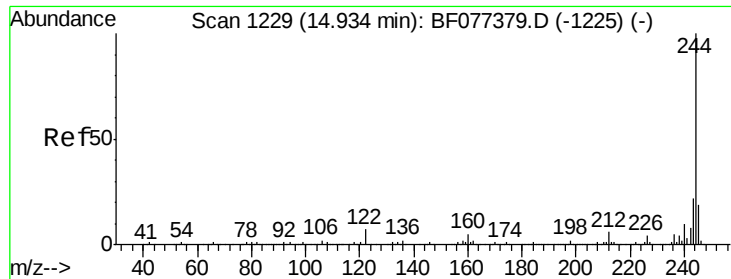
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.06 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF077655.D
Acq: 9 Mar 2015 23:22

Tgt Ion:240 Resp: 267528
Ion Ratio Lower Upper
240 100
120 13.6 8.8 13.2#
236 25.3 20.7 31.1



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

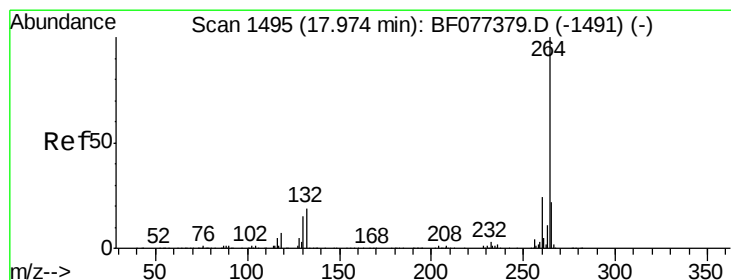
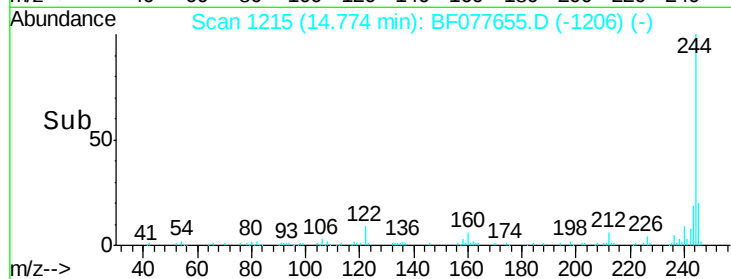
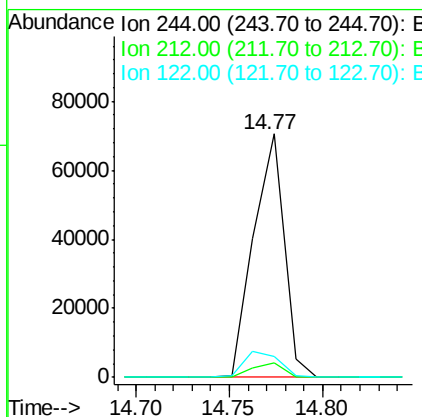
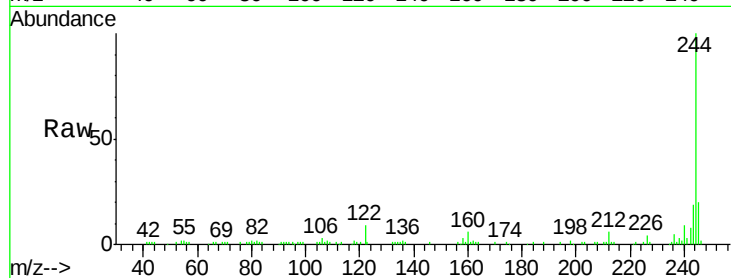




#78
 Terphenyl-d14
 Concen: 6.98 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Instrument :
 BNA_F
 ClientSampleID :
 SEP4DL

Tot Ion:244 Resp: 79887
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.2 7.8
 122 8.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.73 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF077655.D
 Acq: 9 Mar 2015 23:22

Tgt Ion:264 Resp: 267796
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.0 16.8 25.2

