

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077654.D
 Acq On : 9 Mar 2015 22:53
 Operator : TP/IZ
 Sample : G1453-01DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEP2DL

Quant Time: Mar 10 03:40:04 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

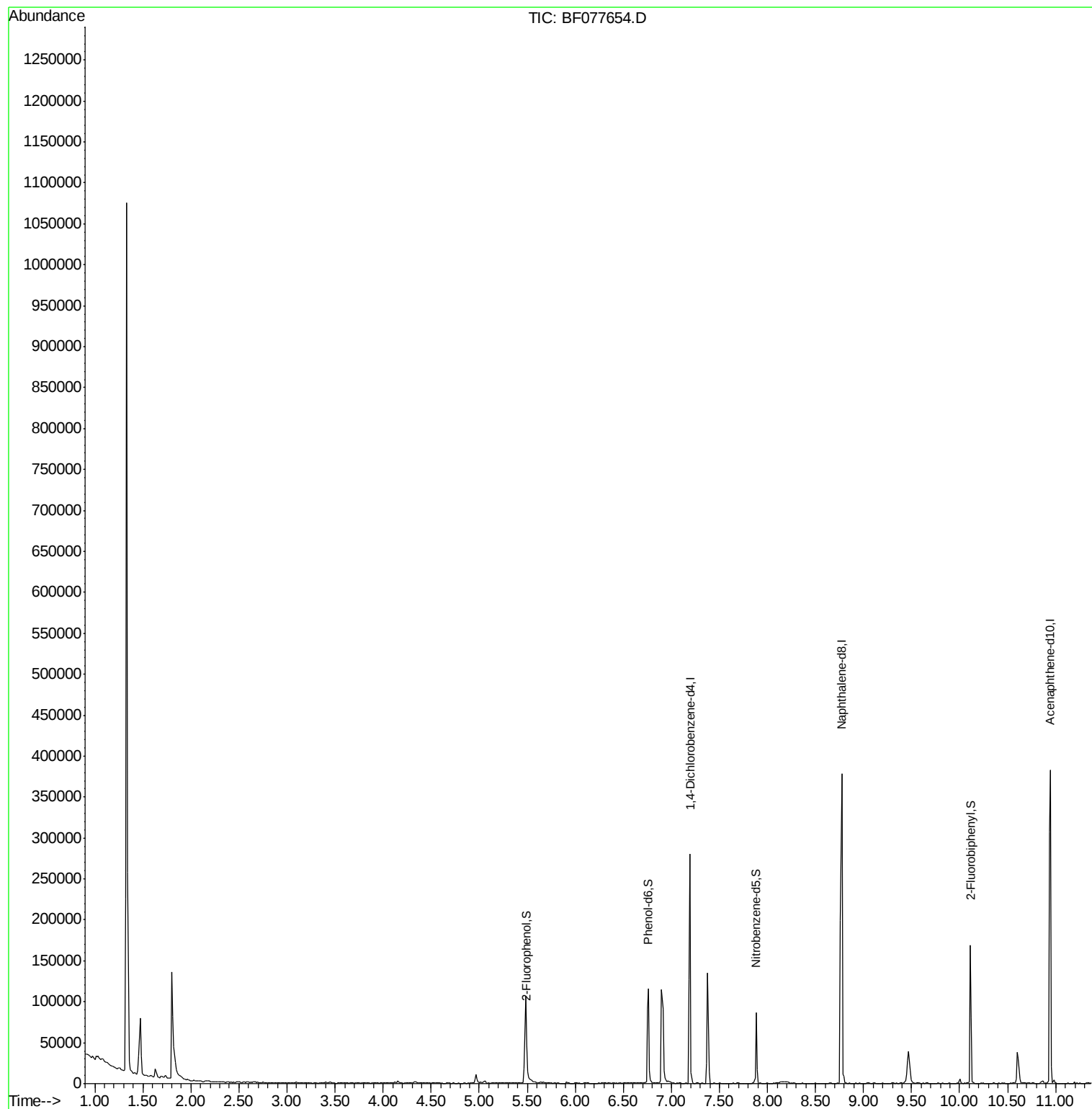
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	50697	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	209128	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	108184	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	225045	20.00	ng	0.00
75) Chrysene-d12	16.06	240	288822	20.00	ng	0.00
86) Perylene-d12	17.75	264	246104	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	46262	15.23	ng	0.02
7) Phenol-d6	6.76	99	57000	14.60	ng	0.00
23) Nitrobenzene-d5	7.88	82	27634	8.22	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	1248	1.20	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	66659	9.61	ng	0.00
78) Terphenyl-d14	14.77	244	92253	7.47	ng	0.00
Target Compounds						
74) Fluoranthene	14.28	202	46990	3.30	ng	98
77) Pyrene	14.56	202	42552	2.41	ng	97

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077654.D
Acq On : 9 Mar 2015 22:53
Operator : TP/IZ
Sample : G1453-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEP2DL

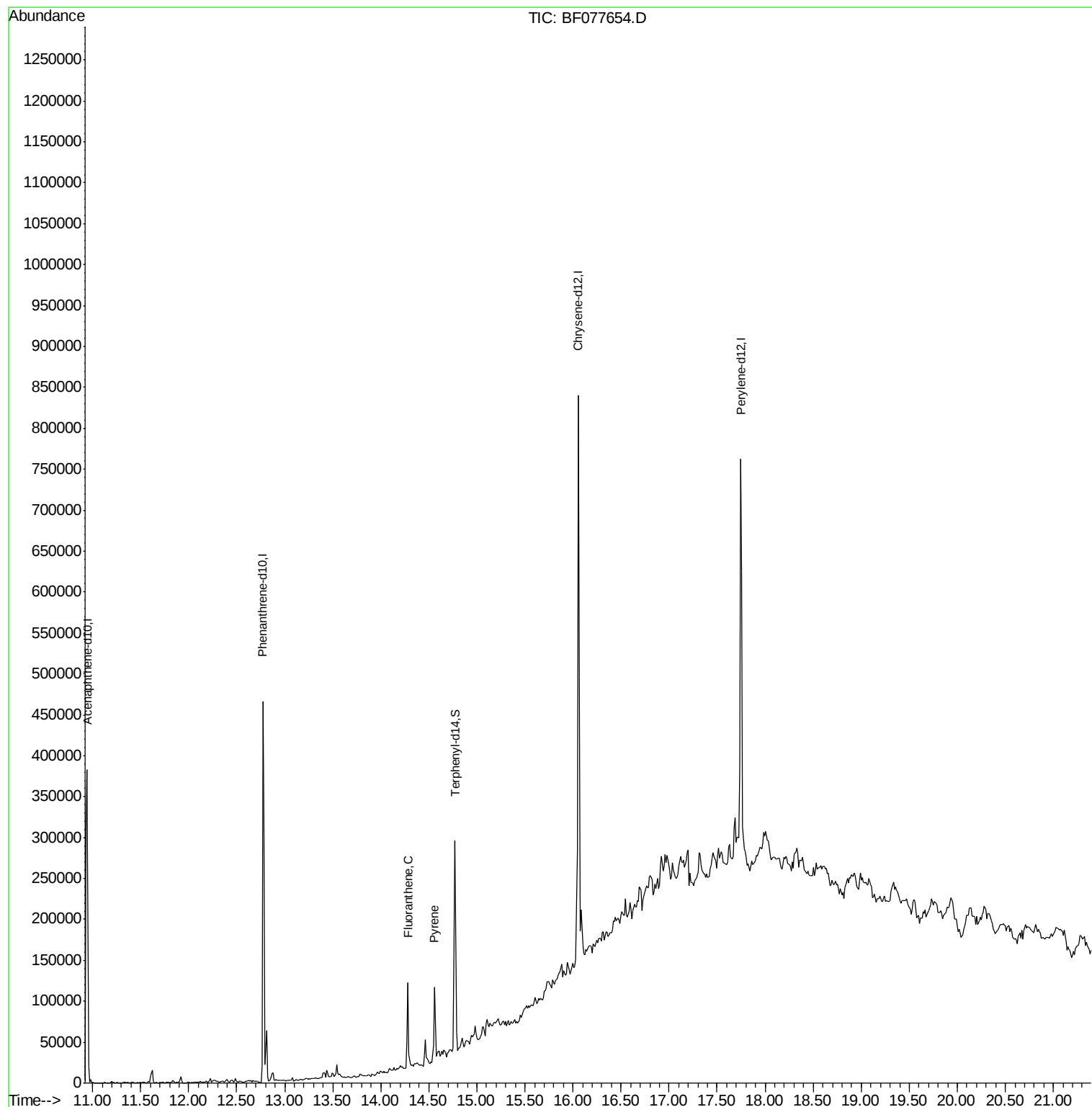
Quant Time: Mar 10 03:40:04 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 00:35:08 2015
Response via : Initial Calibration

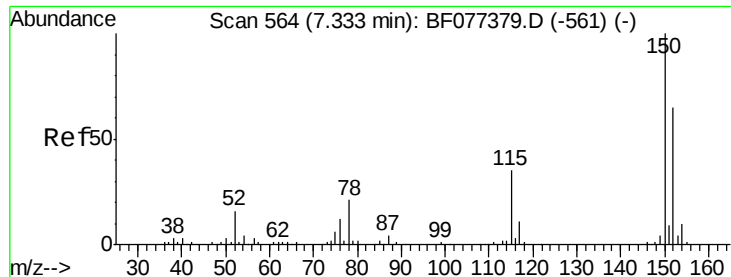


Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
Data File : BF077654.D
Acq On : 9 Mar 2015 22:53
Operator : TP/IZ
Sample : G1453-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEP2DL

Quant Time: Mar 10 03:40:04 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



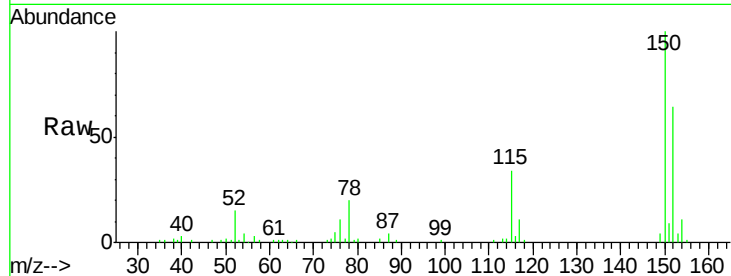


#1

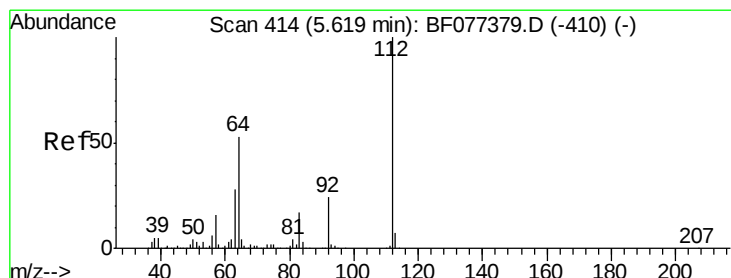
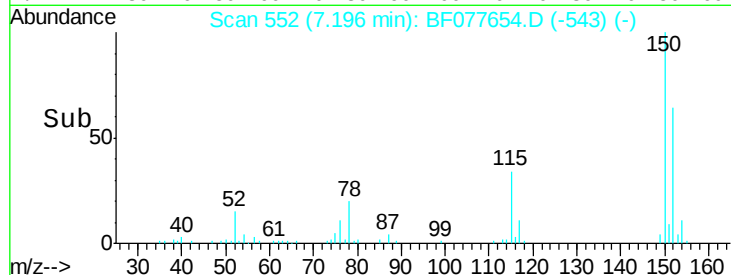
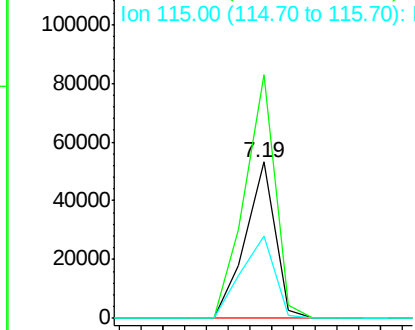
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.19 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Instrument :
BNA_F
ClientSampleId :
SEP2DL

Tot Ion:152 Resp: 50697
Ion Ratio Lower Upper
152 100
150 155.7 124.0 186.0
115 52.7 49.4 74.2



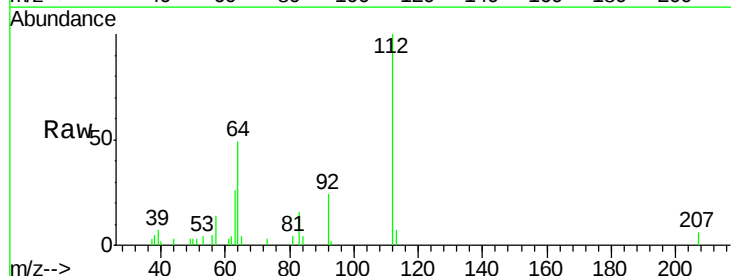
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



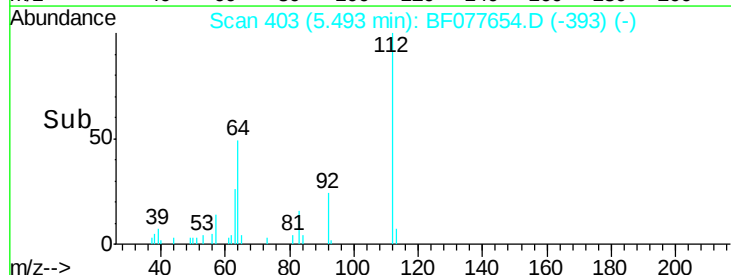
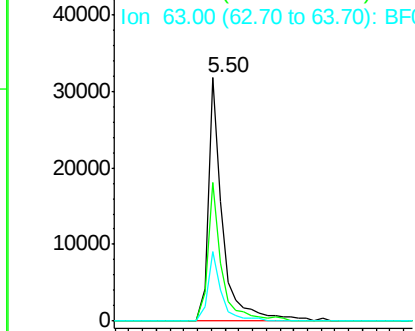
#5

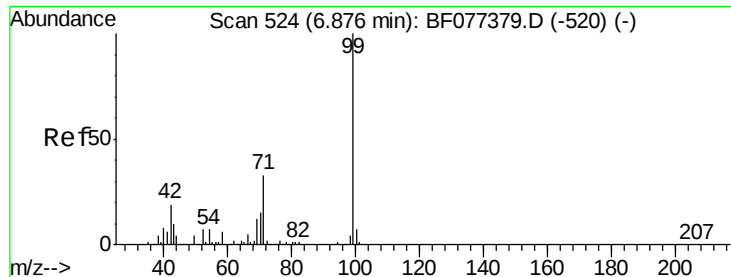
2-Fluorophenol
Concen: 15.23 ng
RT: 5.50 min Scan# 403
Delta R.T. 0.02 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Tgt Ion:112 Resp: 46262
Ion Ratio Lower Upper
112 100
64 49.0 48.5 72.7
63 25.7 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: 14.60 ng

RT: 6.76 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

Instrument :

BNA_F

ClientSampleId :

SEP2DL

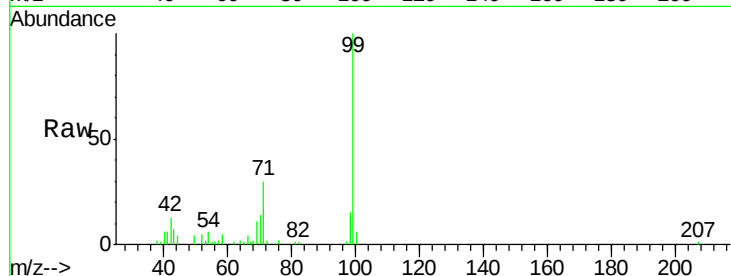
Tot Ion: 99 Resp: 57000

Ion Ratio Lower Upper

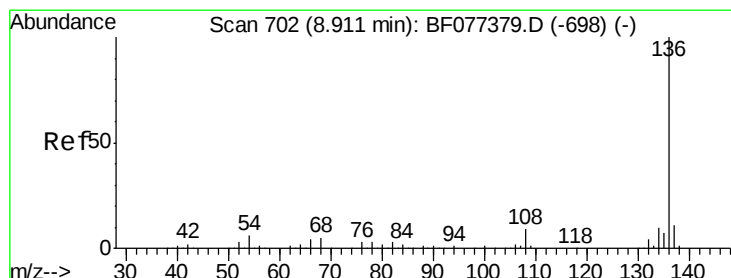
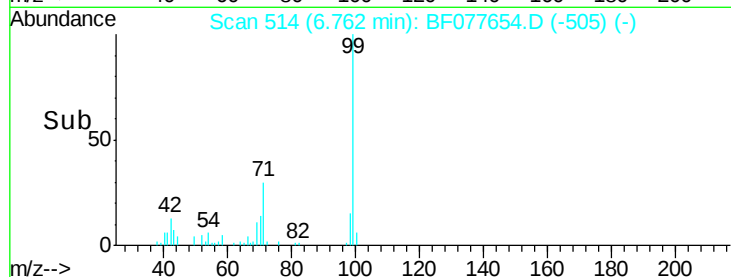
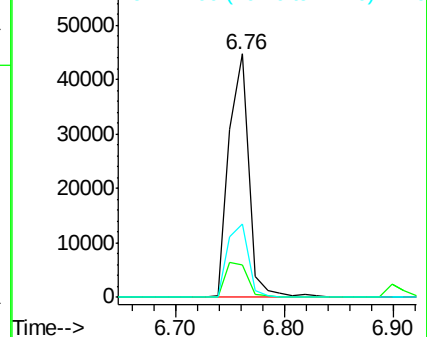
99 100

42 13.3 16.2 24.4#

71 30.3 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: BF077654.D

Acq: 9 Mar 2015 22:53

Tgt Ion: 136 Resp: 209128

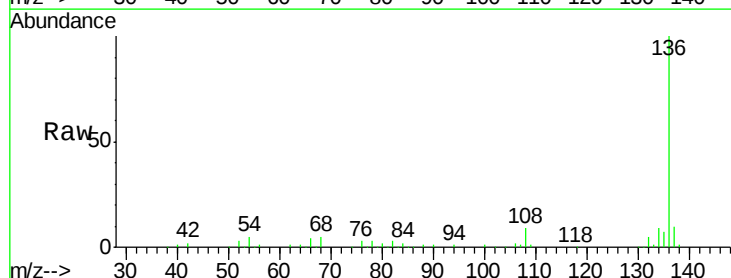
Ion Ratio Lower Upper

136 100

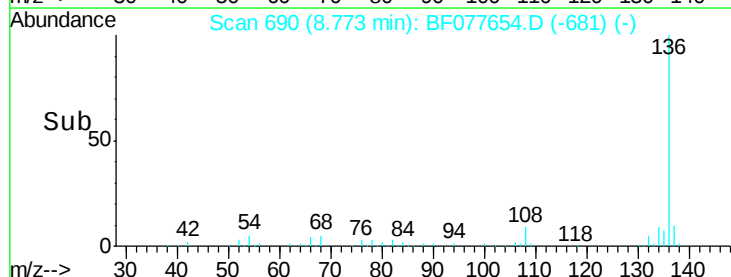
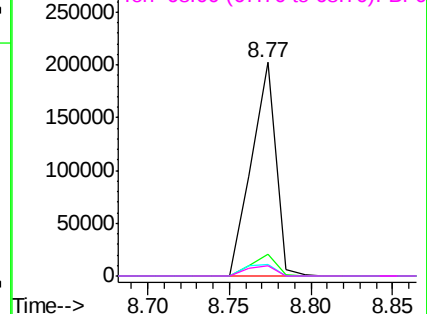
137 10.4 8.6 13.0

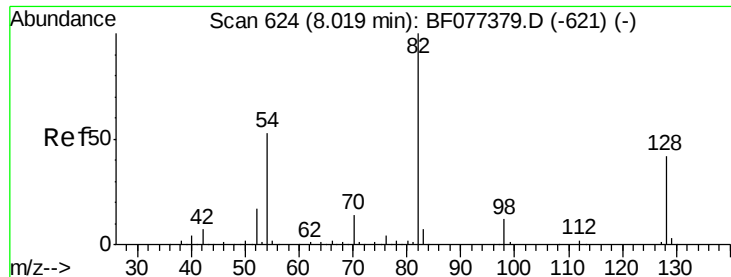
54 5.2 6.2 9.4#

68 5.0 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

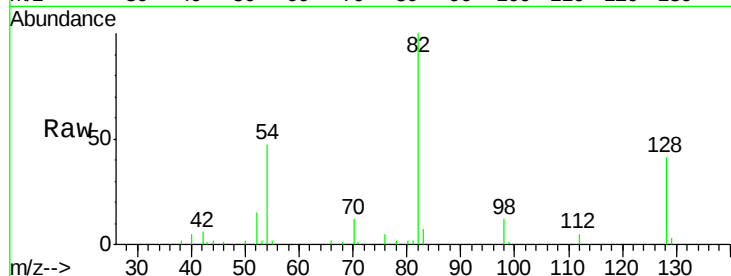




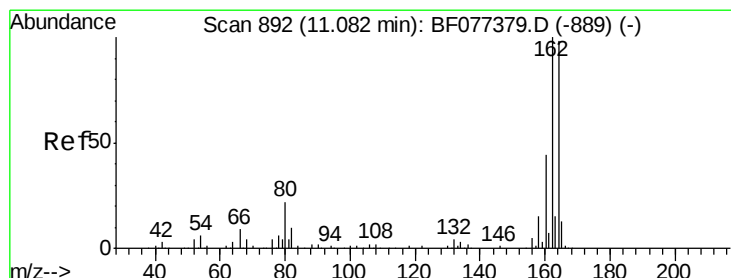
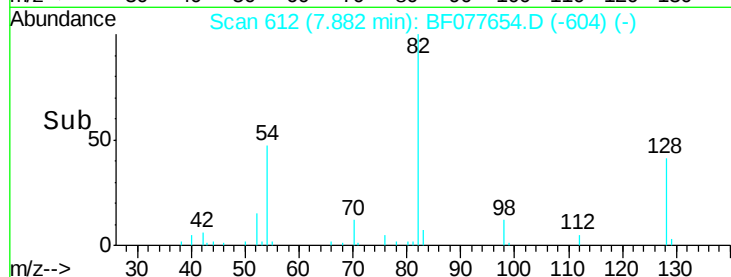
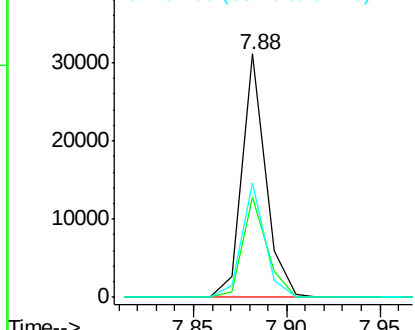
#23
Nitrobenzene-d5
Concen: 8.22 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Instrument :
BNA_F
ClientSampled :
SEP2DL

Tot Ion: 82 Resp: 27634
Ion Ratio Lower Upper
82 100
128 41.2 43.8 65.8#
54 47.2 36.7 55.1

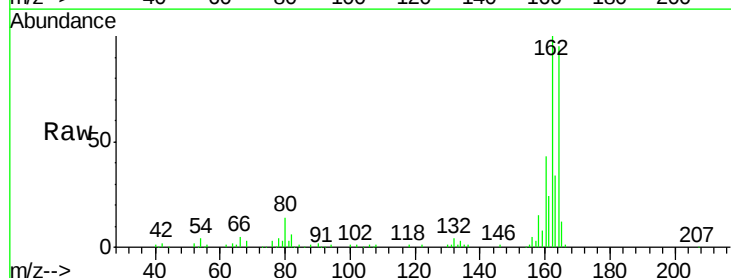


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

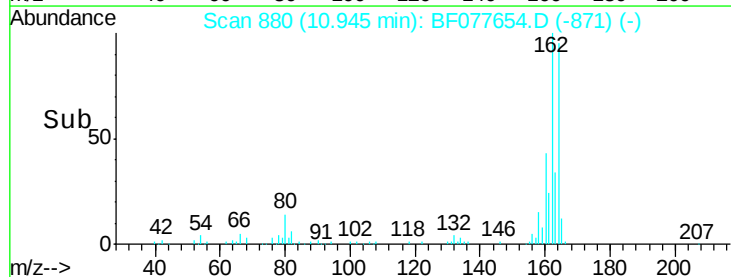
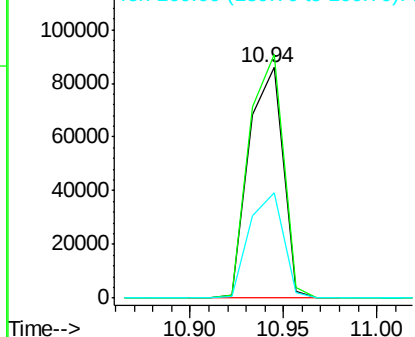


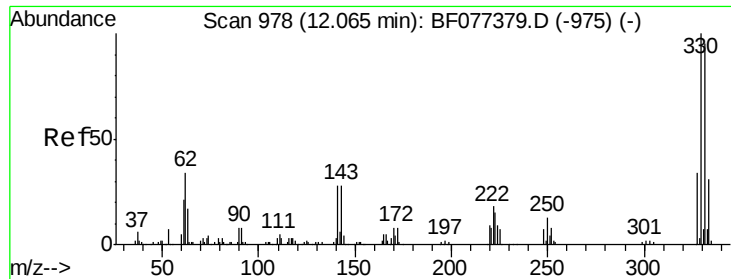
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Tgt Ion:164 Resp: 108184
Ion Ratio Lower Upper
164 100
162 105.7 83.2 124.8
160 45.8 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

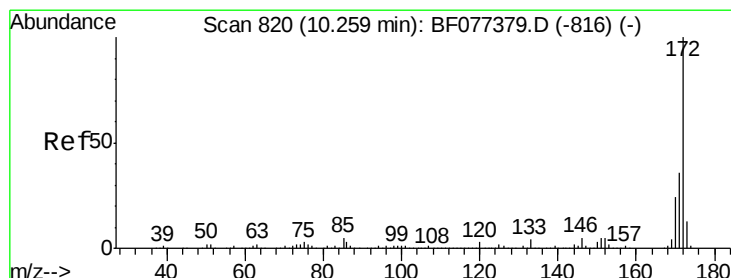
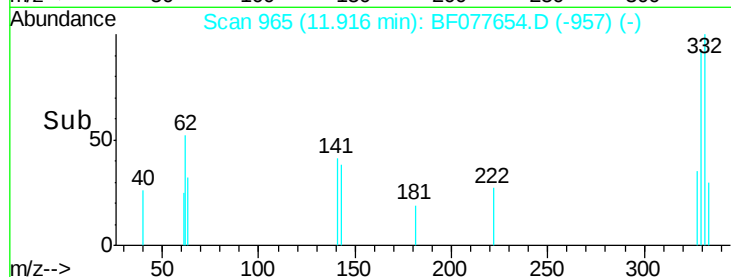
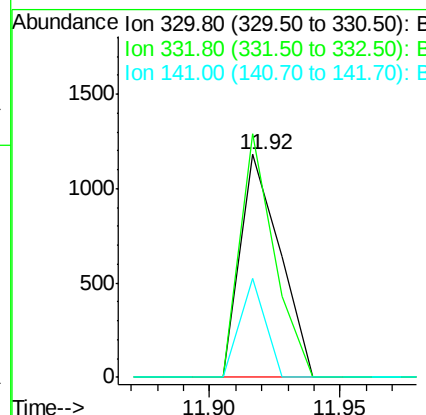
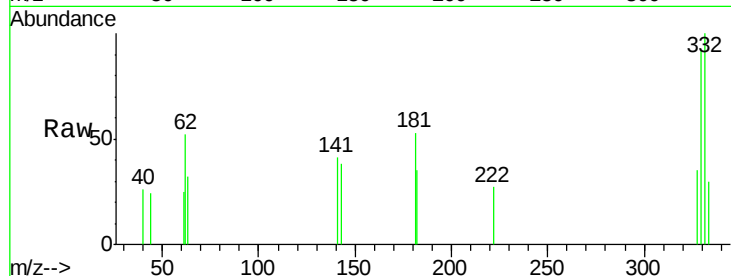




#41
 2,4,6-Tribromophenol
 Concen: 1.20 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077654.D
 Acq: 9 Mar 2015 22:53

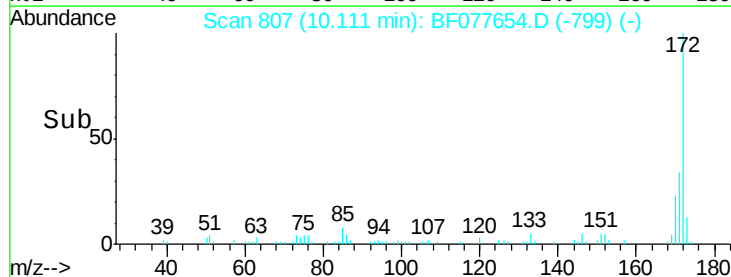
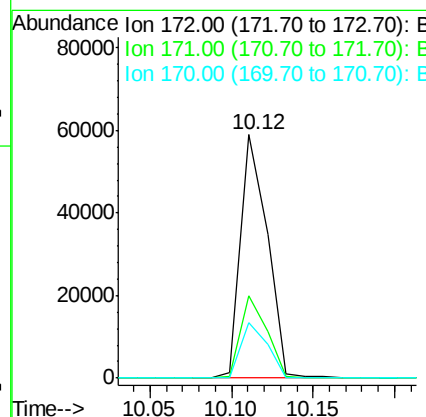
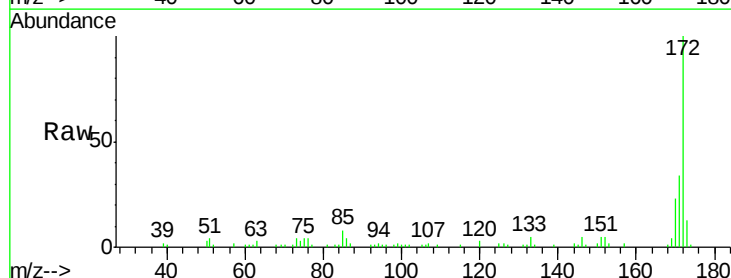
Instrument :
 BNA_F
 ClientSampleId :
 SEP2DL

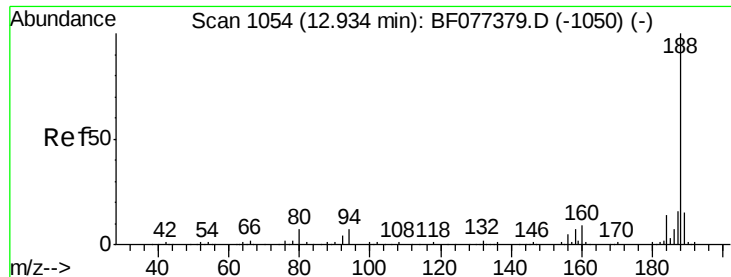
Tot Ion:330 Resp: 1248
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 28.9 28.8 43.2



#44
 2-Fluorobiphenyl
 Concen: 9.61 ng
 RT: 10.12 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077654.D
 Acq: 9 Mar 2015 22:53

Tgt Ion:172 Resp: 66659
 Ion Ratio Lower Upper
 172 100
 171 34.0 28.9 43.3
 170 22.9 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.78 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

Instrument :

BNA_F

ClientSampleID :

SEP2DL

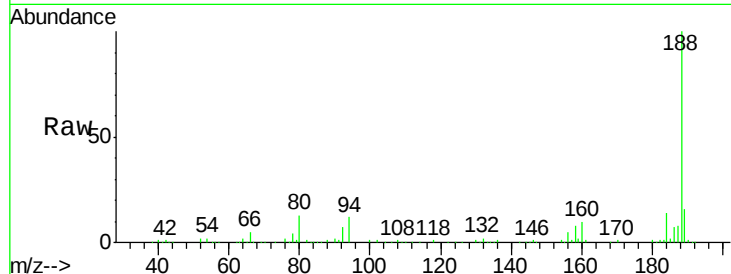
Tot Ion:188 Resp: 225045

Ion Ratio Lower Upper

188 100

94 11.7 7.4 11.2#

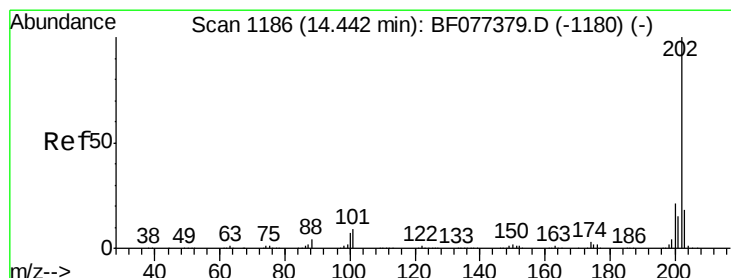
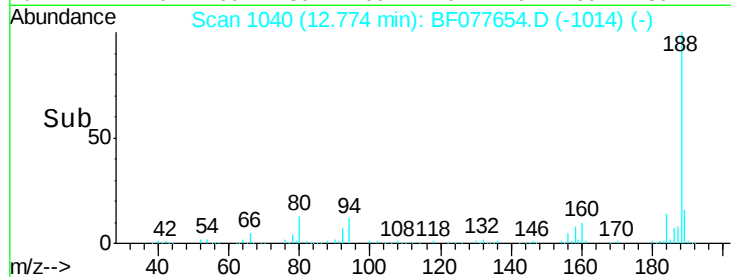
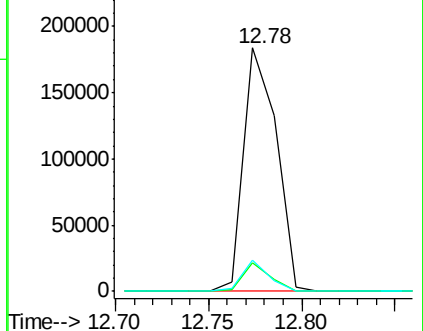
80 12.7 8.0 12.0#



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



#74

Fluoranthene

Concen: 3.30 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

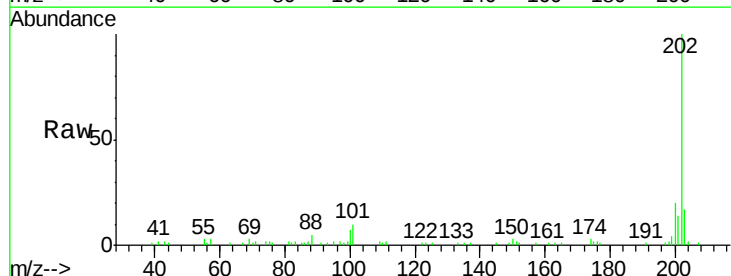
Tgt Ion:202 Resp: 46990

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.8

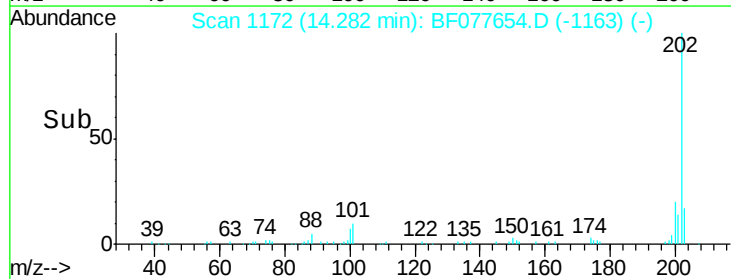
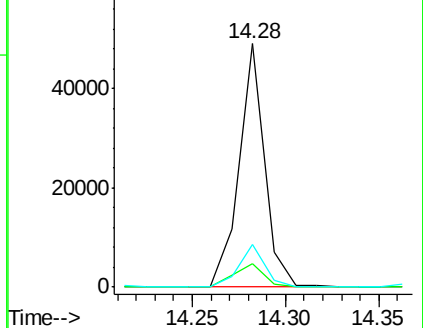
203 17.3 0.0 37.7

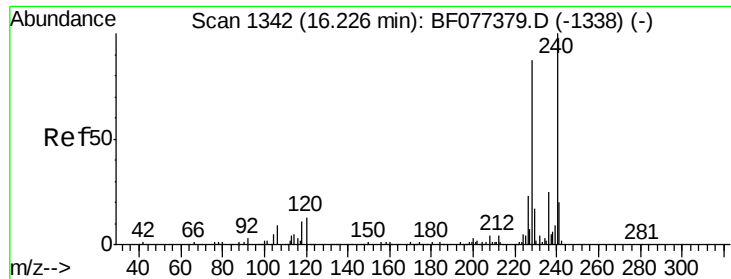


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

Instrument :

BNA_F

ClientSampleId :

SEP2DL

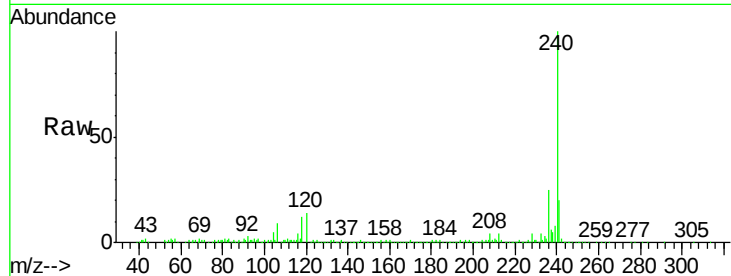
Tot Ion:240 Resp: 288822

Ion Ratio Lower Upper

240 100

120 14.3 8.8 13.2#

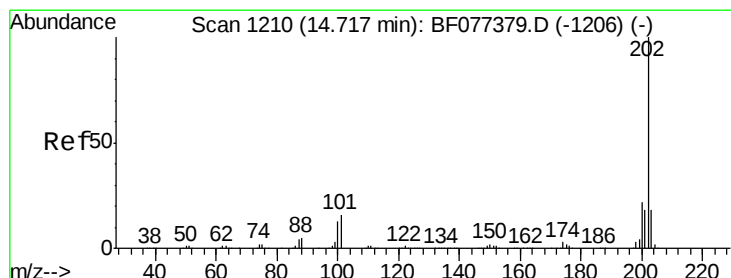
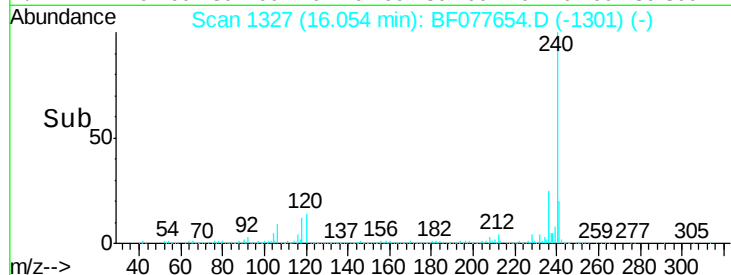
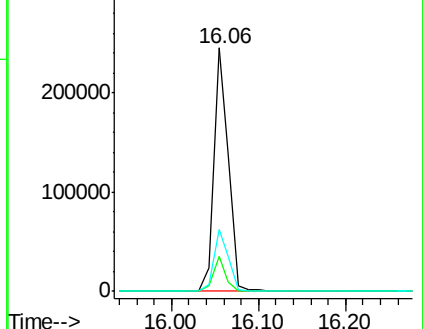
236 25.3 20.7 31.1



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



#77

Pyrene

Concen: 2.41 ng

RT: 14.56 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

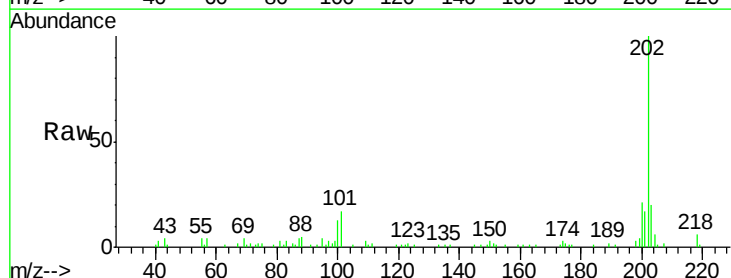
Tgt Ion:202 Resp: 42552

Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

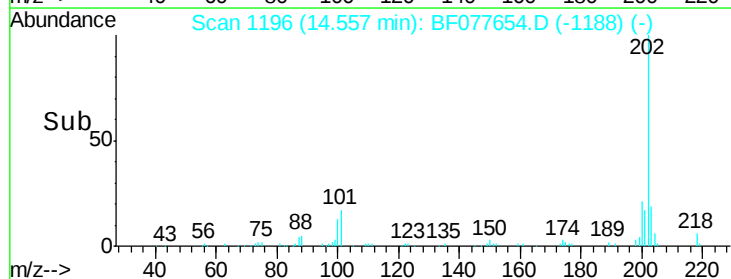
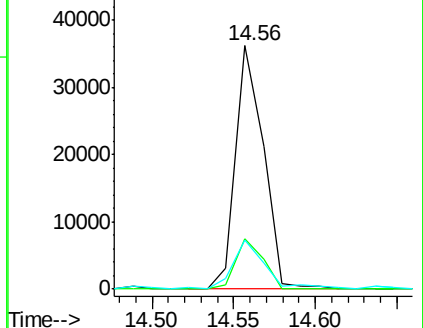
203 20.0 14.2 21.2

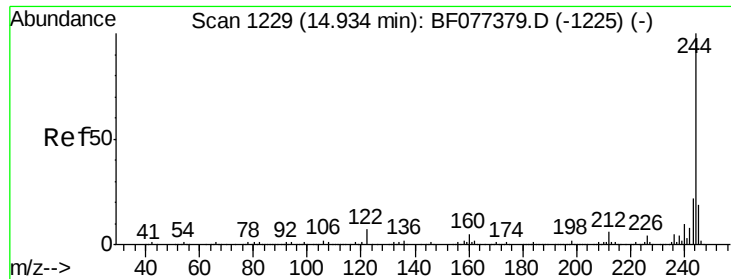


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 7.47 ng

RT: 14.77 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

Instrument :

BNA_F

ClientSampleId :

SEP2DL

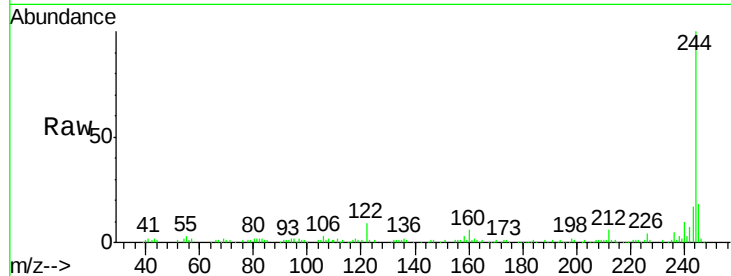
Tot Ion:244 Resp: 92253

Ion Ratio Lower Upper

244 100

212 5.6 5.2 7.8

122 9.4 7.8 11.8



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

120000

100000

80000

60000

40000

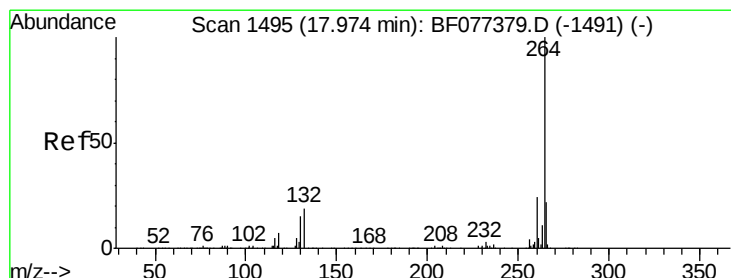
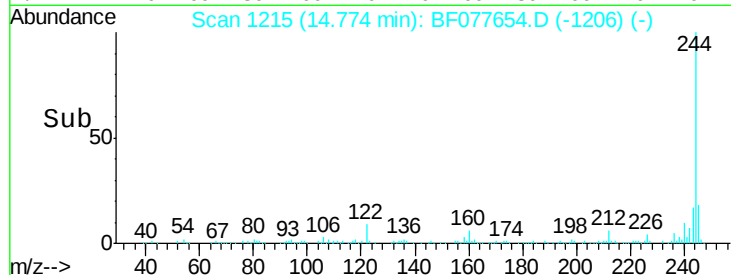
20000

0

14.77

14.70 14.75 14.80

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.75 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BF077654.D

Acq: 9 Mar 2015 22:53

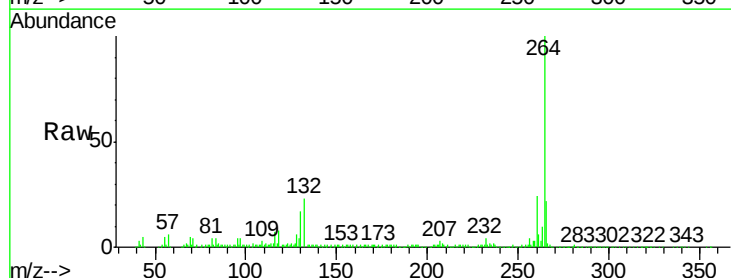
Tgt Ion:264 Resp: 246104

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 21.8 16.8 25.2



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

200000

150000

100000

50000

0

17.75

17.60 17.70 17.80 17.90

Time-->

