

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 00:08:24 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

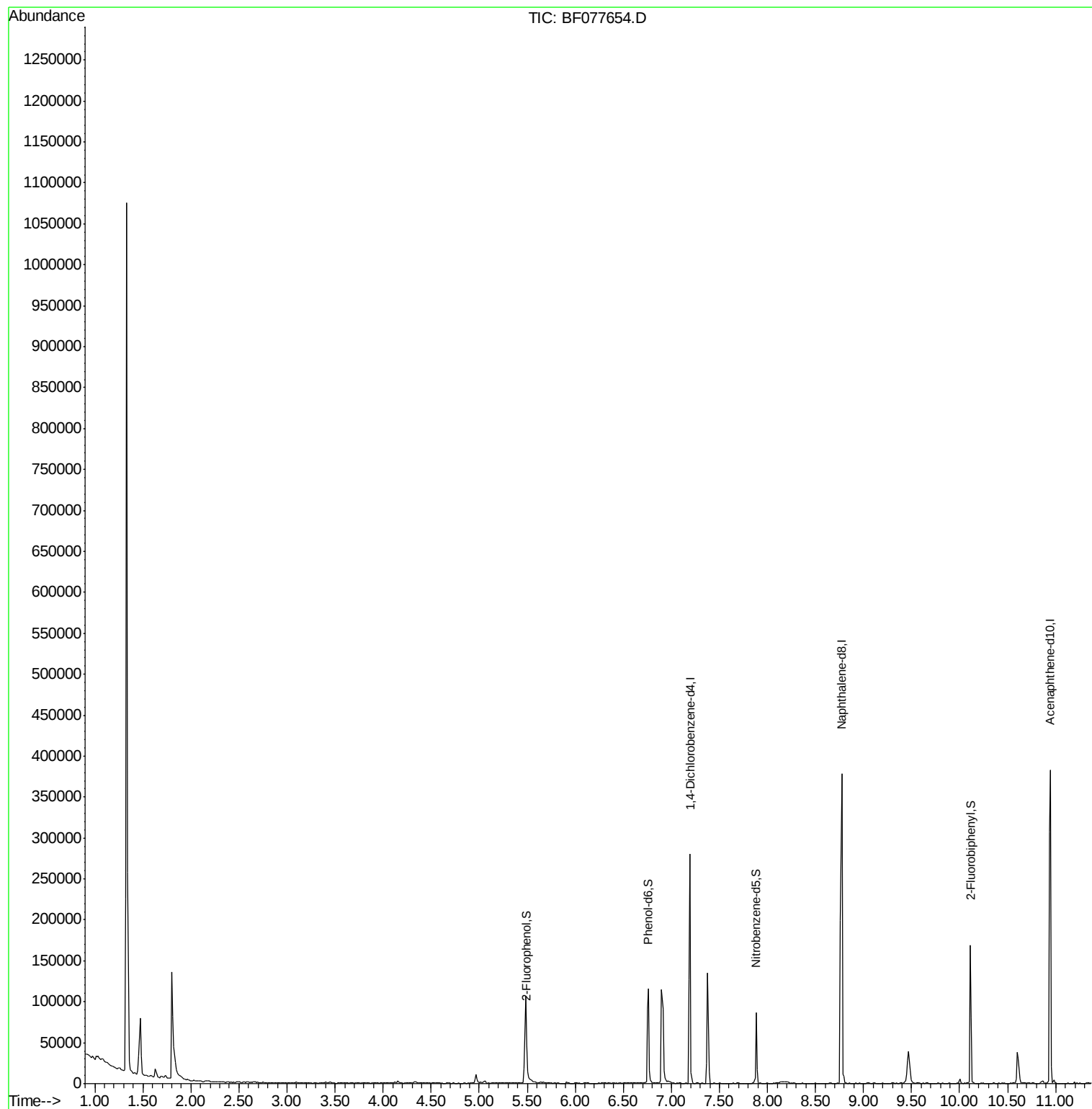
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	50697	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	209128	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	108184	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	225045	20.00	ng	0.00
75) Chrysene-d12	16.06	240	288822	20.00	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	Qvalue 98
77) Pyrene	14.56	202	42552	2.41	ng	97
87) Benzo(b)fluoranthene	17.33	252	31327	2.19	ng	# 77
88) Benzo(k)fluoranthene	17.33	252	31327	2.23	ng	# 79

(#) = 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

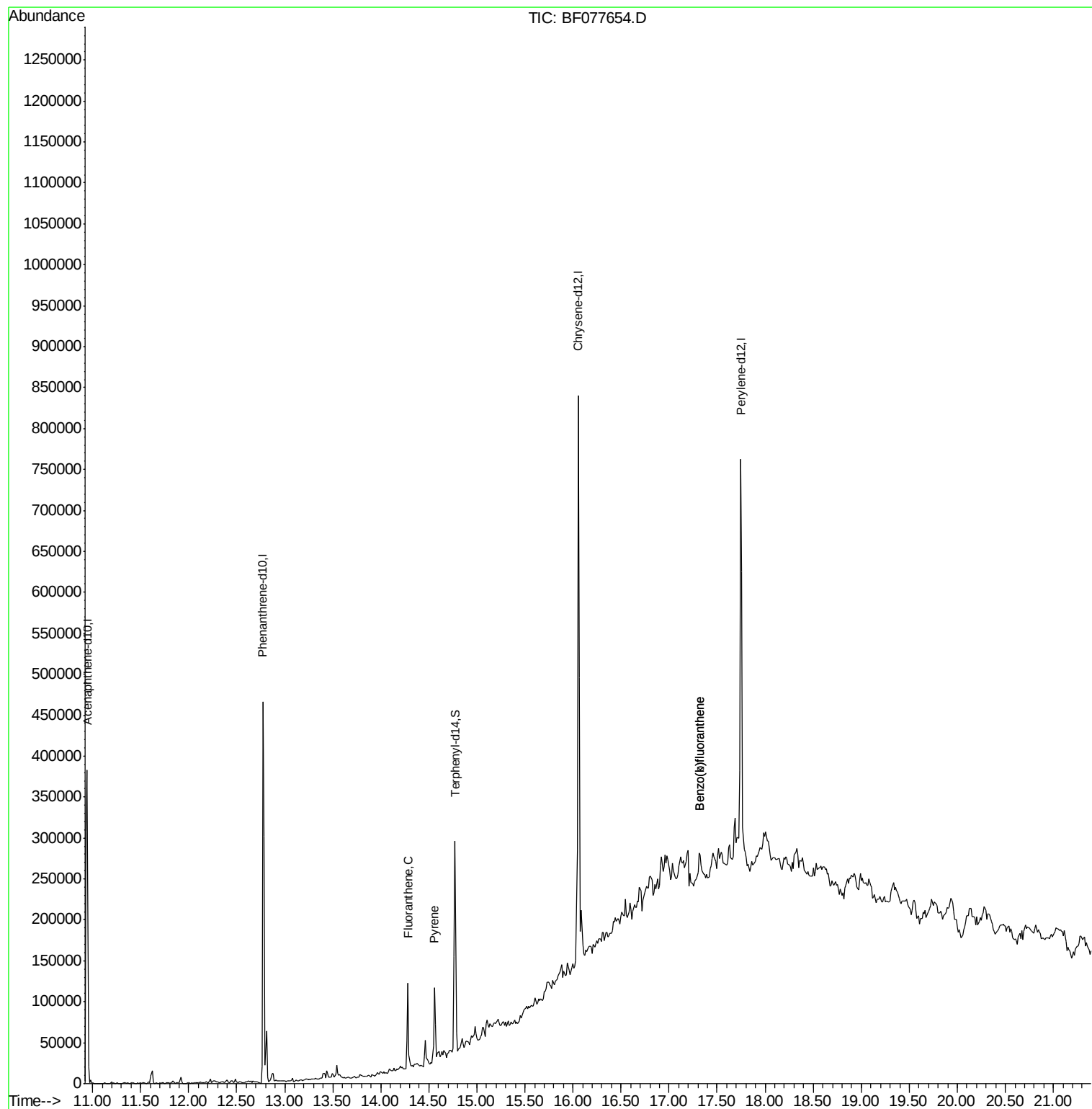
Quant Time: Mar 10 00:08:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 00:35:08 2015
Response via : Initial Calibration

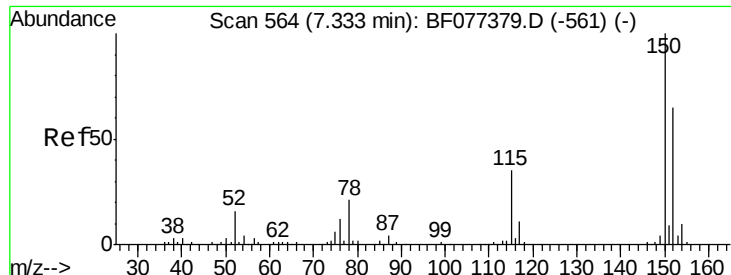


Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030915\
Data File : BF077654.D
Acq On : 9 Mar 2015 22:53
Operator : TP/IZ
Sample : G1453-01DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEP2DL

Quant Time: Mar 10 00:08:24 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

ClientSampled :

SEP2DL

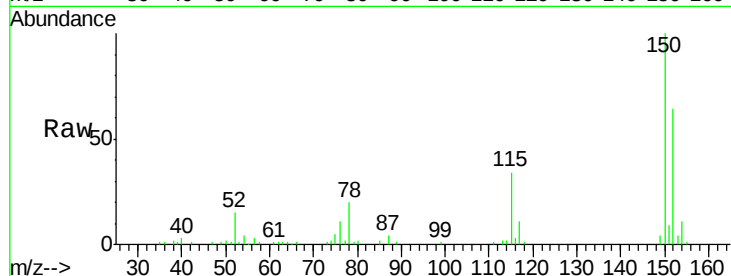
Tgt Ion:152 Resp: 50697

Ion Ratio Lower Upper

152 100

150 155.7 124.0 186.0

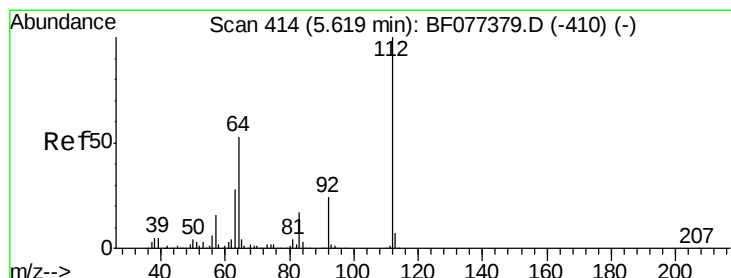
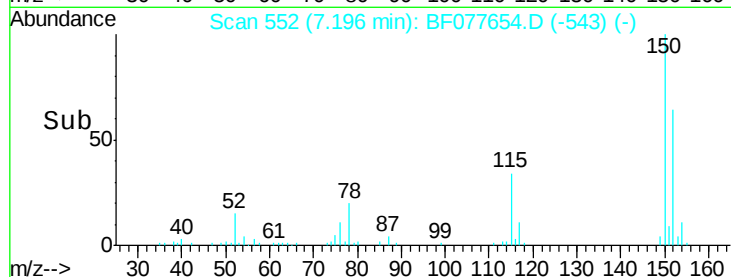
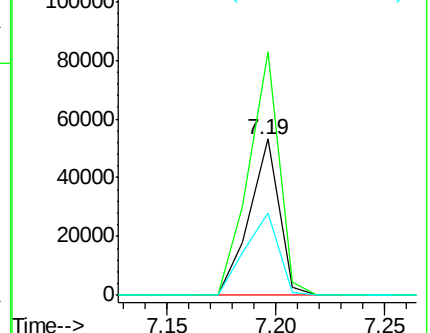
115 52.7 49.4 74.2



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

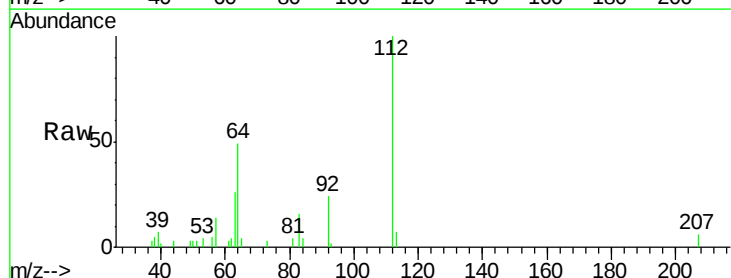
Tgt Ion:112 Resp: 46262

Ion Ratio Lower Upper

112 100

64 49.0 48.5 72.7

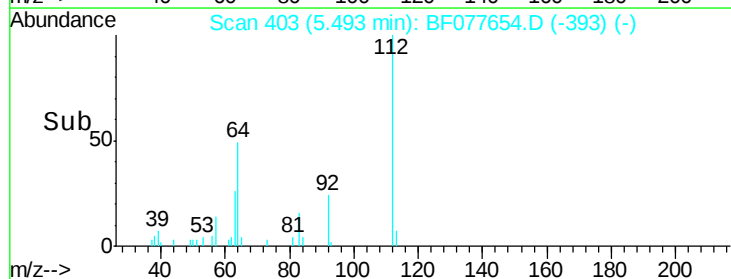
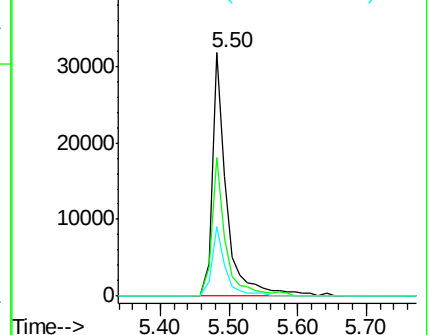
63 25.7 25.0 37.4

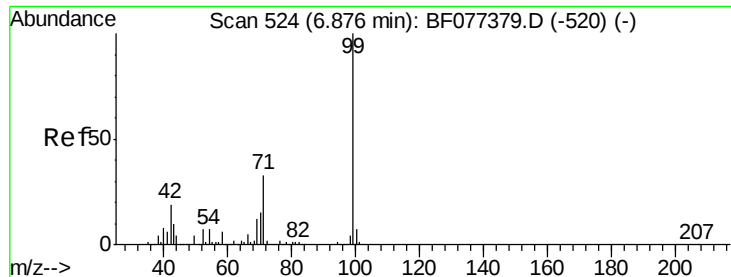


Abundance Ion 112.00 (111.70 to 112.70): E

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

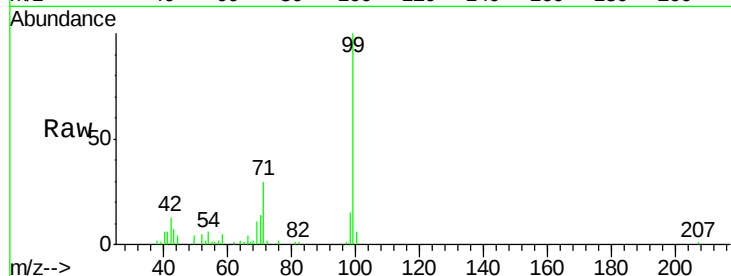
Tgt Ion: 99 Resp: 57000

Ion Ratio Lower Upper

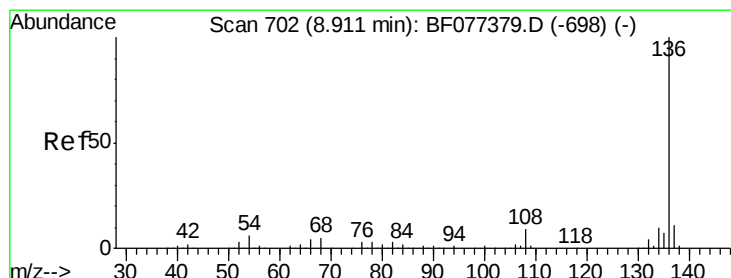
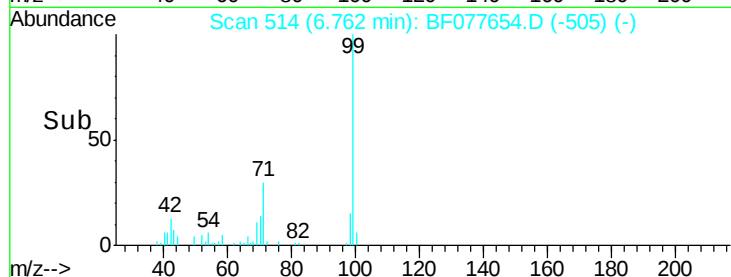
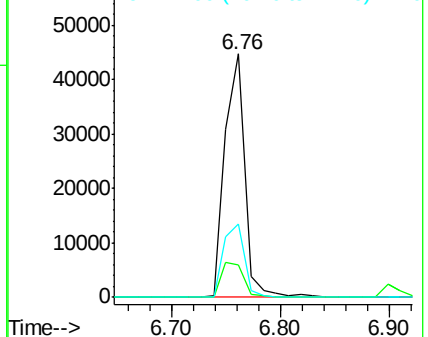
99 100

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

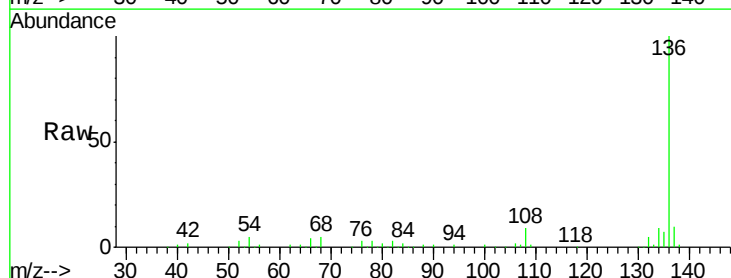
Ion Ratio Lower Upper

136 100

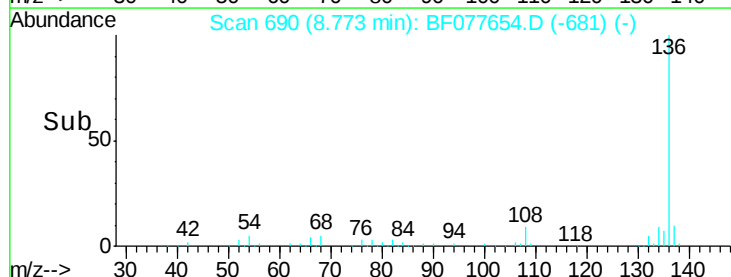
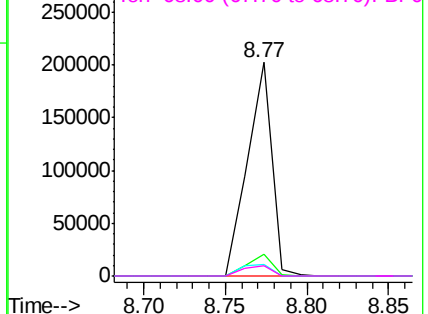
137 10.4 8.6 13.0

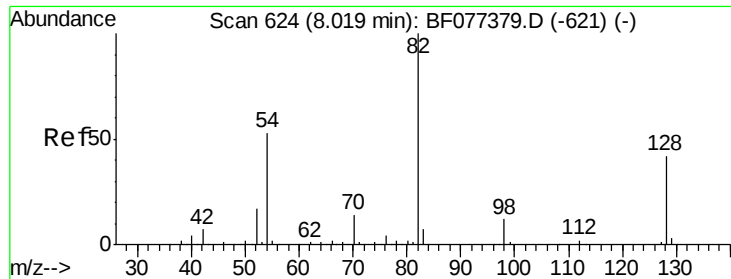
54 5.2 6.2 9.4#

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

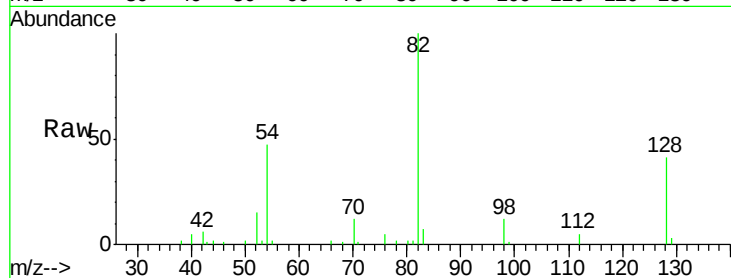




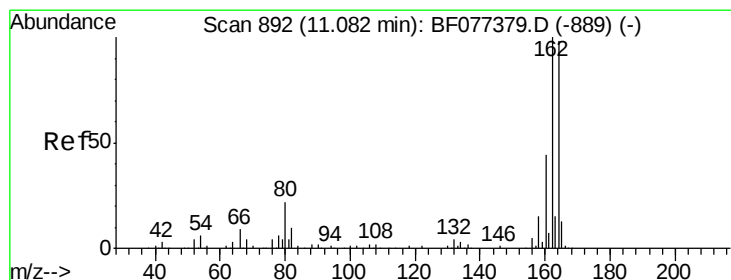
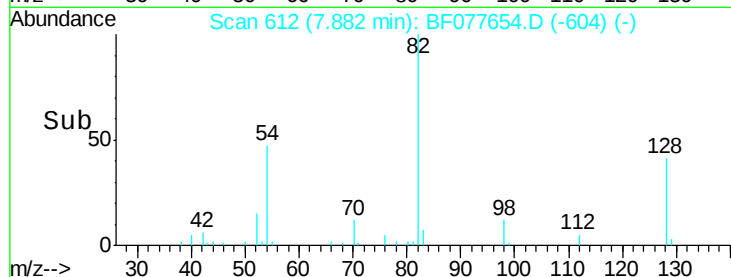
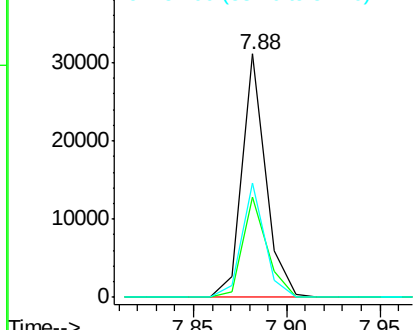
#23
Nitrobenzene-d5
Concen: 8.22 ng
RT: 7.88 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Instrument :
BNA_F
ClientSampled :
SEP2DL

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

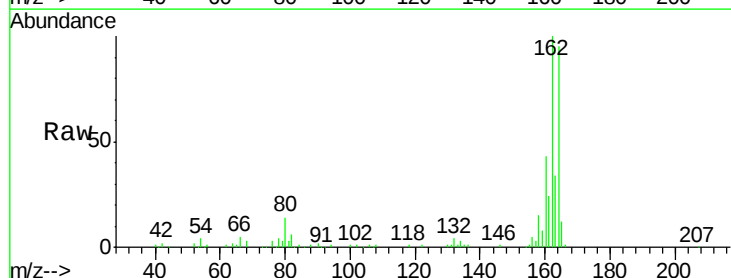


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

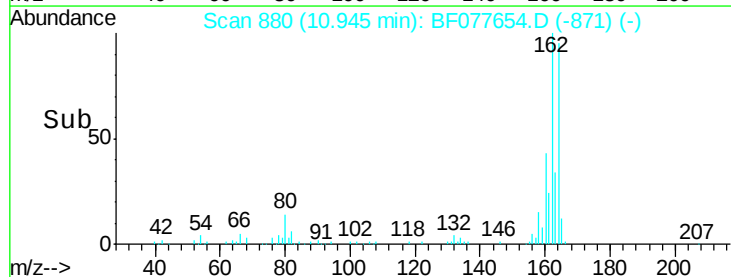
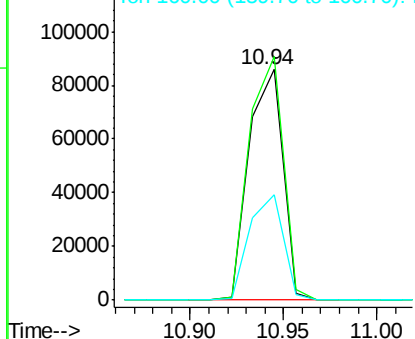


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.94 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

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): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

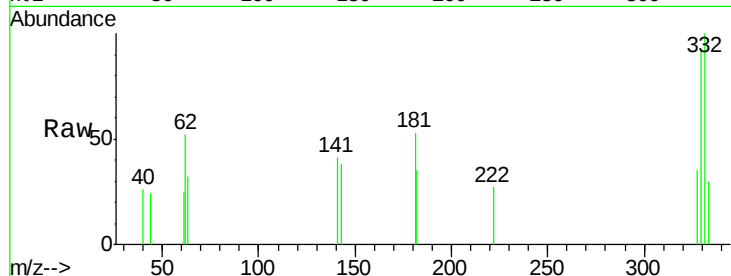




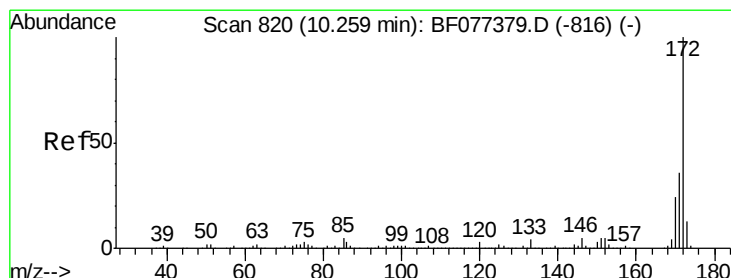
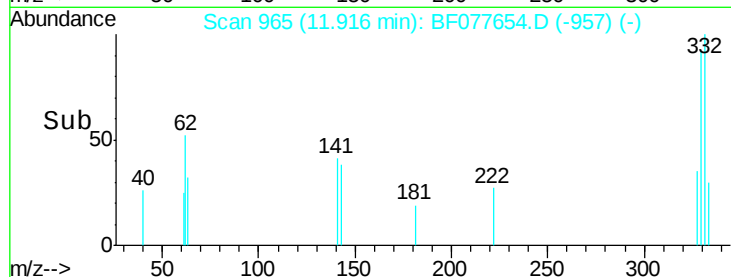
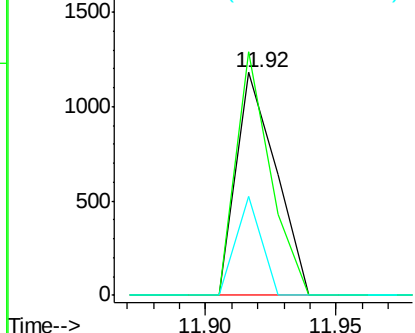
#41
 2,4,6-Tribromophenol
 Concen: 1.20 ng
 RT: 11.92 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BF077654.D
 Acq: 9 Mar 2015 22:53

Instrument :
 BNA_F
 ClientSampleID :
 SEP2DL

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

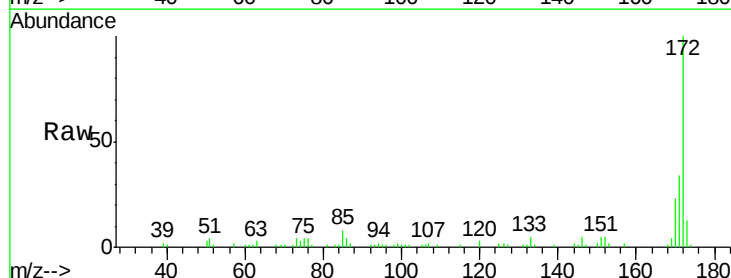


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

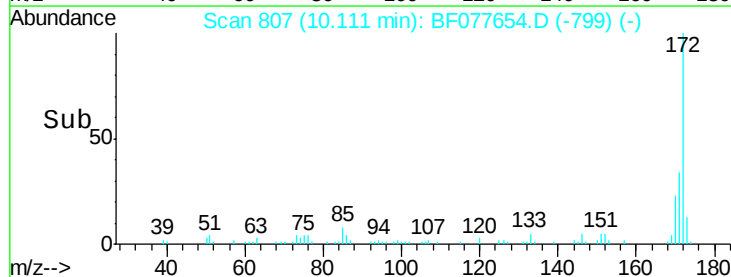
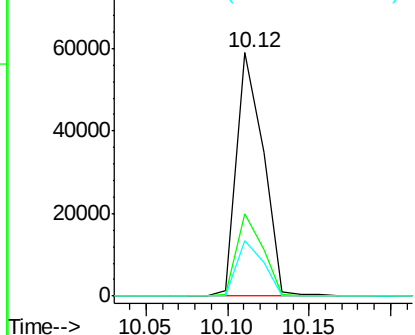


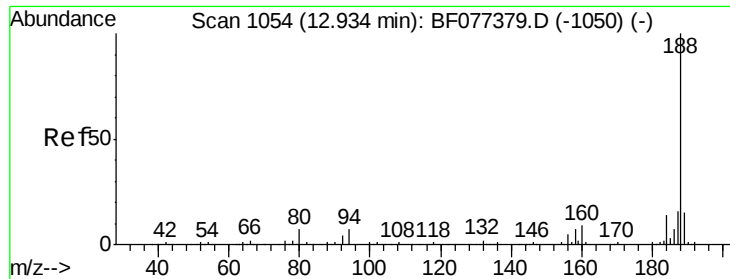
#44
 2-Fluorobiphenyl
 Concen: 9.61 ng
 RT: 10.12 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF077654.D
 Acq: 9 Mar 2015 22:53

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



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

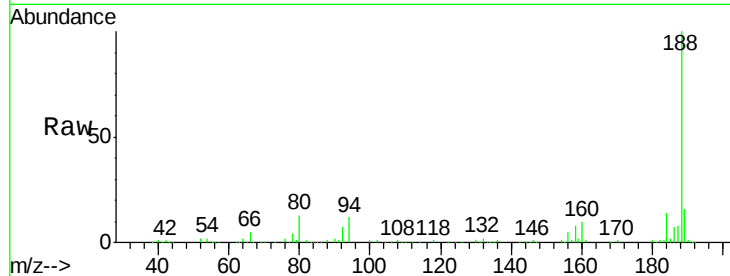




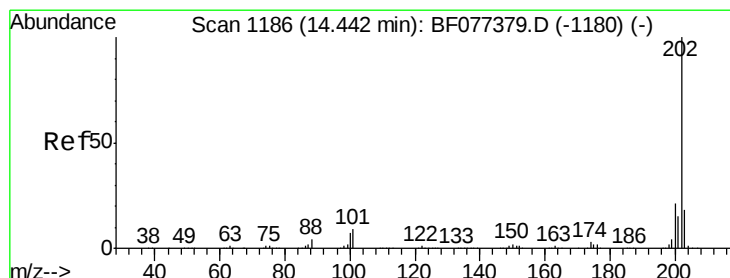
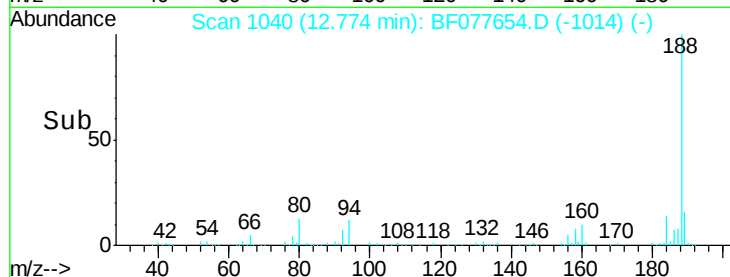
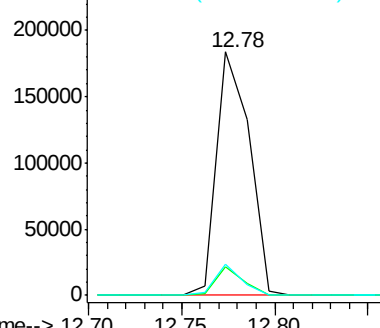
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.78 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Instrument :
BNA_F
ClientSampleID :
SEP2DL

Tgt Ion:188 Resp: 225045
Ion Ratio Lower Upper
188 100
94 11.7 7.4 11.2#
80 12.7 8.0 12.0#

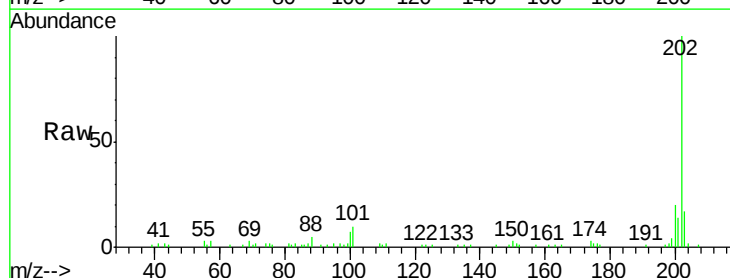


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

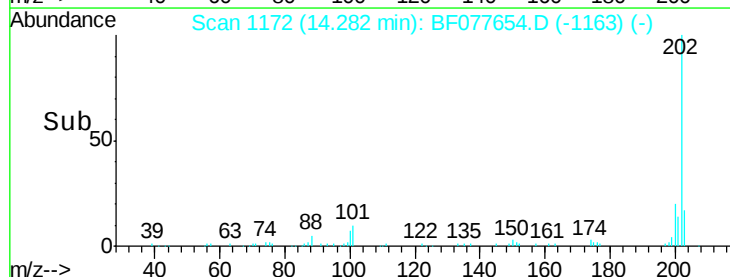
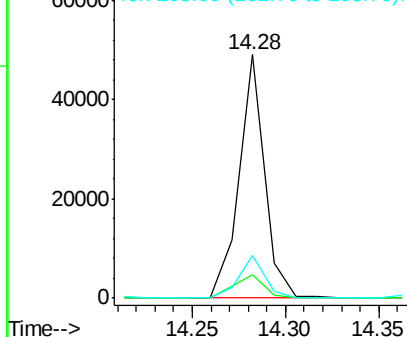


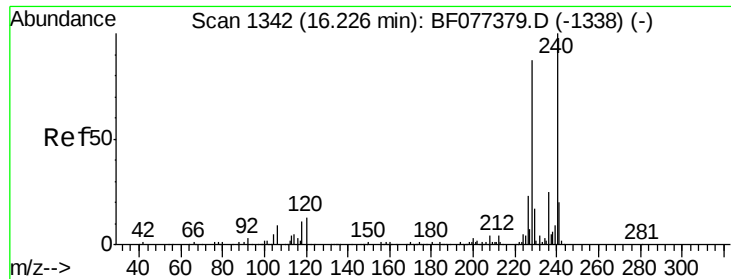
#74
Fluoranthene
Concen: 3.30 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

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

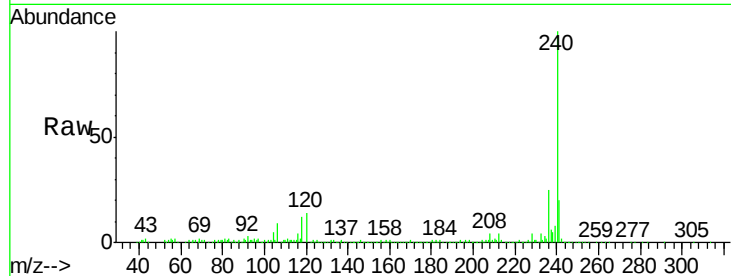
Tgt Ion:240 Resp: 288822

Ion Ratio Lower Upper

240 100

120 14.3 8.8 13.2#

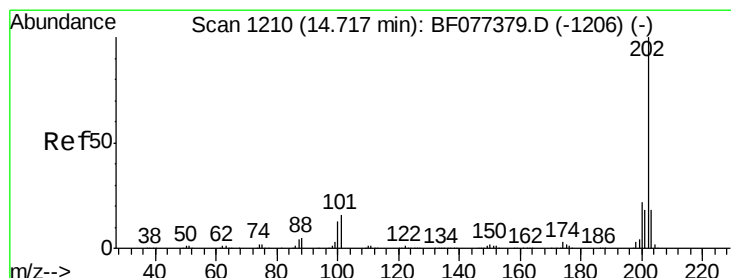
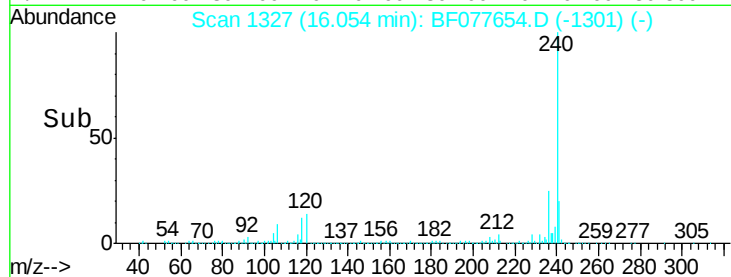
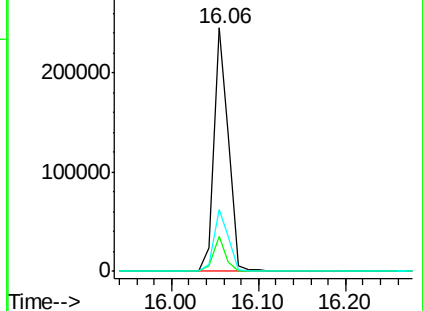
236 25.3 20.7 31.1



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

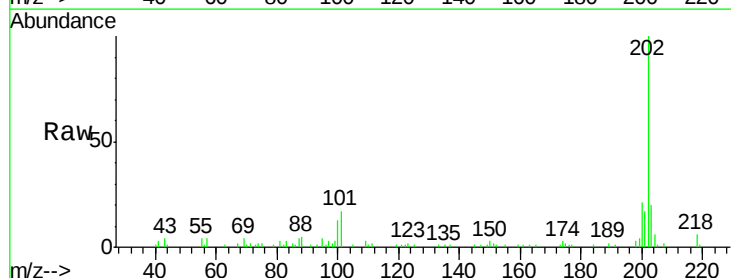
Tgt Ion:202 Resp: 42552

Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

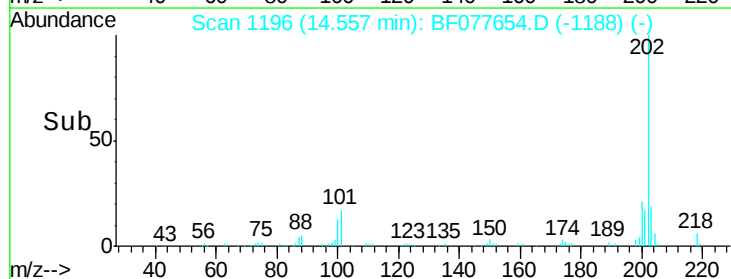
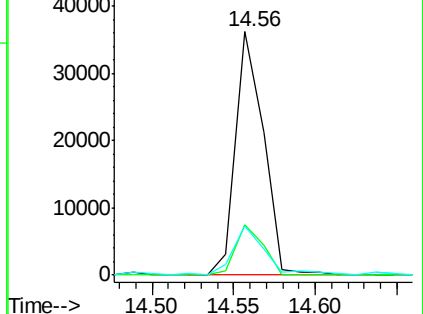
203 20.0 14.2 21.2

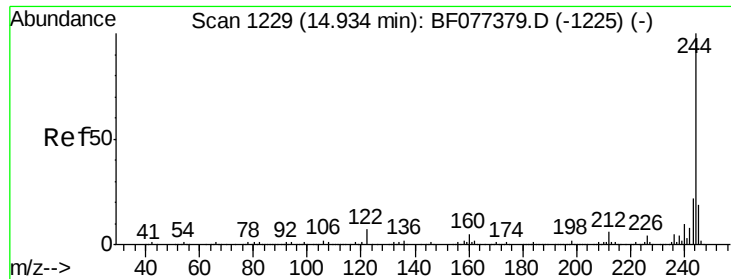


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

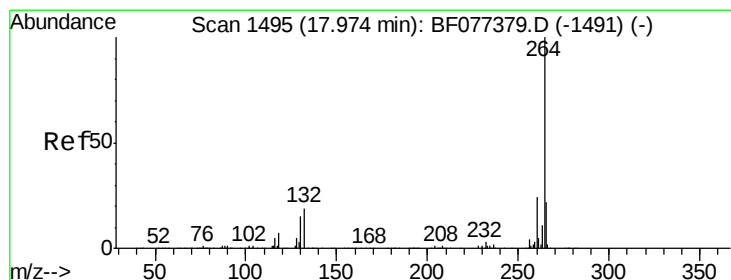
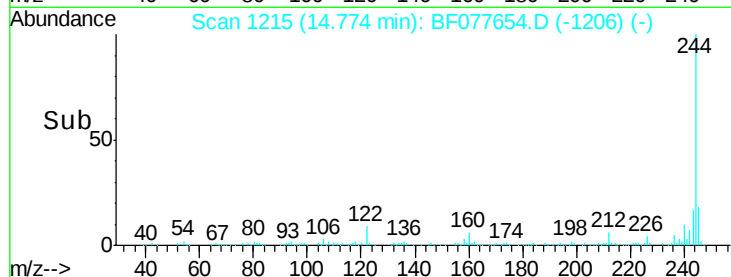
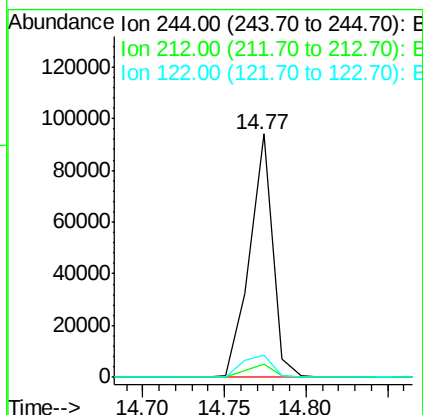
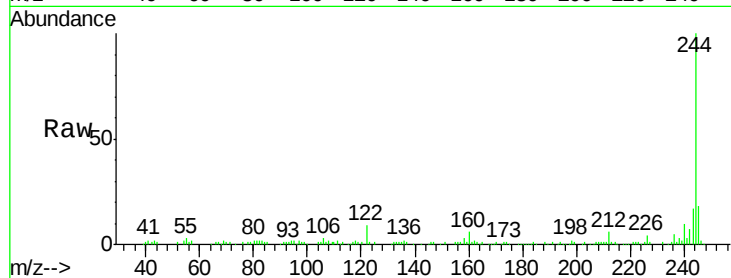




#78
 Terphenyl-d14
 Concen: 7.47 ng
 RT: 14.77 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF077654.D
 Acq: 9 Mar 2015 22:53

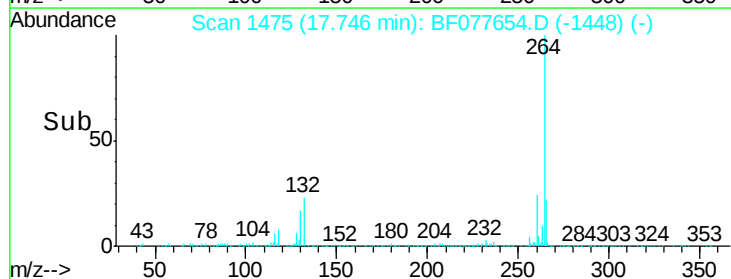
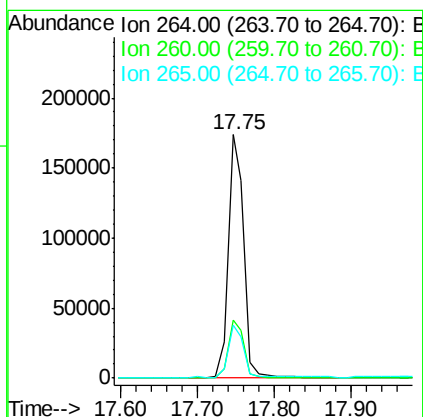
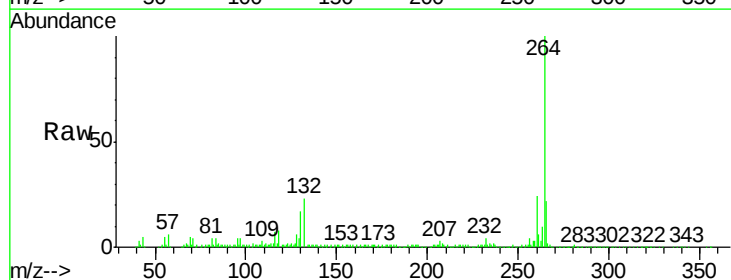
Instrument :
 BNA_F
 ClientSampleId :
 SEP2DL

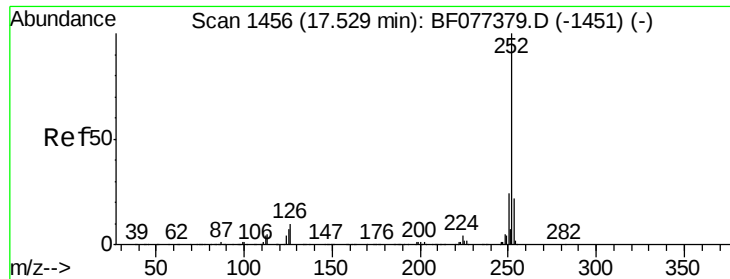
Tgt Ion: 244 Resp: 92253
 Ion Ratio Lower Upper
 244 100
 212 5.6 5.2 7.8
 122 9.4 7.8 11.8



#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

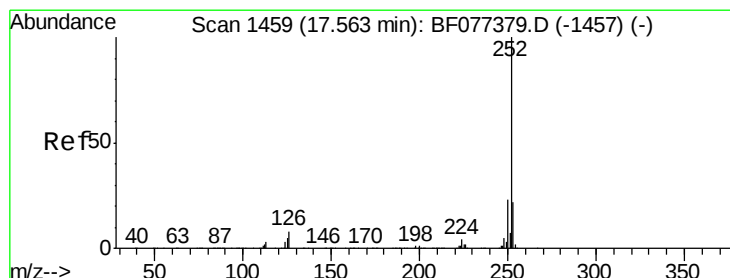
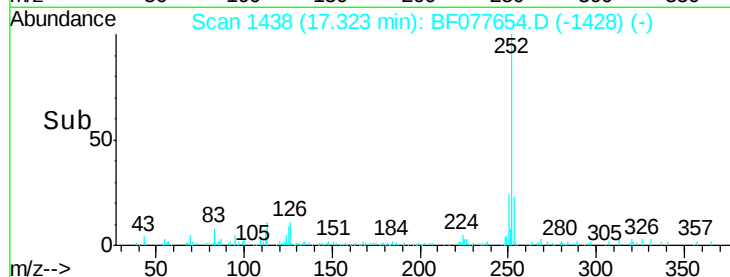
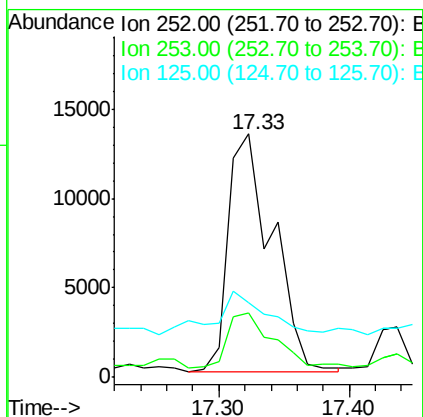
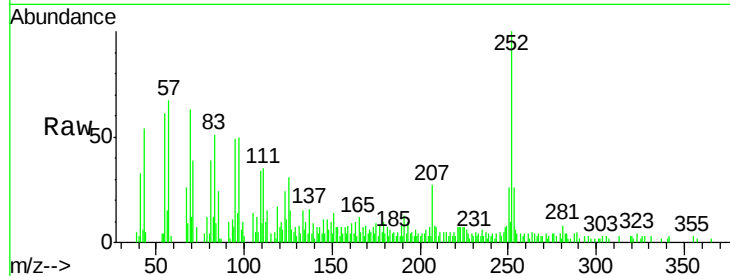




#87
Benzo(b)fluoranthene
Concen: 2.19 ng
RT: 17.33 min Scan# 1438
Delta R.T. 0.02 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Instrument :
BNA_F
ClientSampleId :
SEP2DL

Tgt Ion:252 Resp: 31327
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 30.8 5.4 8.2#



#88
Benzo(k)fluoranthene
Concen: 2.23 ng
RT: 17.33 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF077654.D
Acq: 9 Mar 2015 22:53

Tgt Ion:252 Resp: 31327
Ion Ratio Lower Upper
252 100
253 26.2 18.1 27.1
125 30.8 10.1 15.1#

