

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078168.D
 Acq On : 1 Apr 2015 22:55
 Operator : TP/IZ
 Sample : PB82441BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BL

Quant Time: Apr 02 04:08:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 04:05:08 2015
 Response via : Initial Calibration

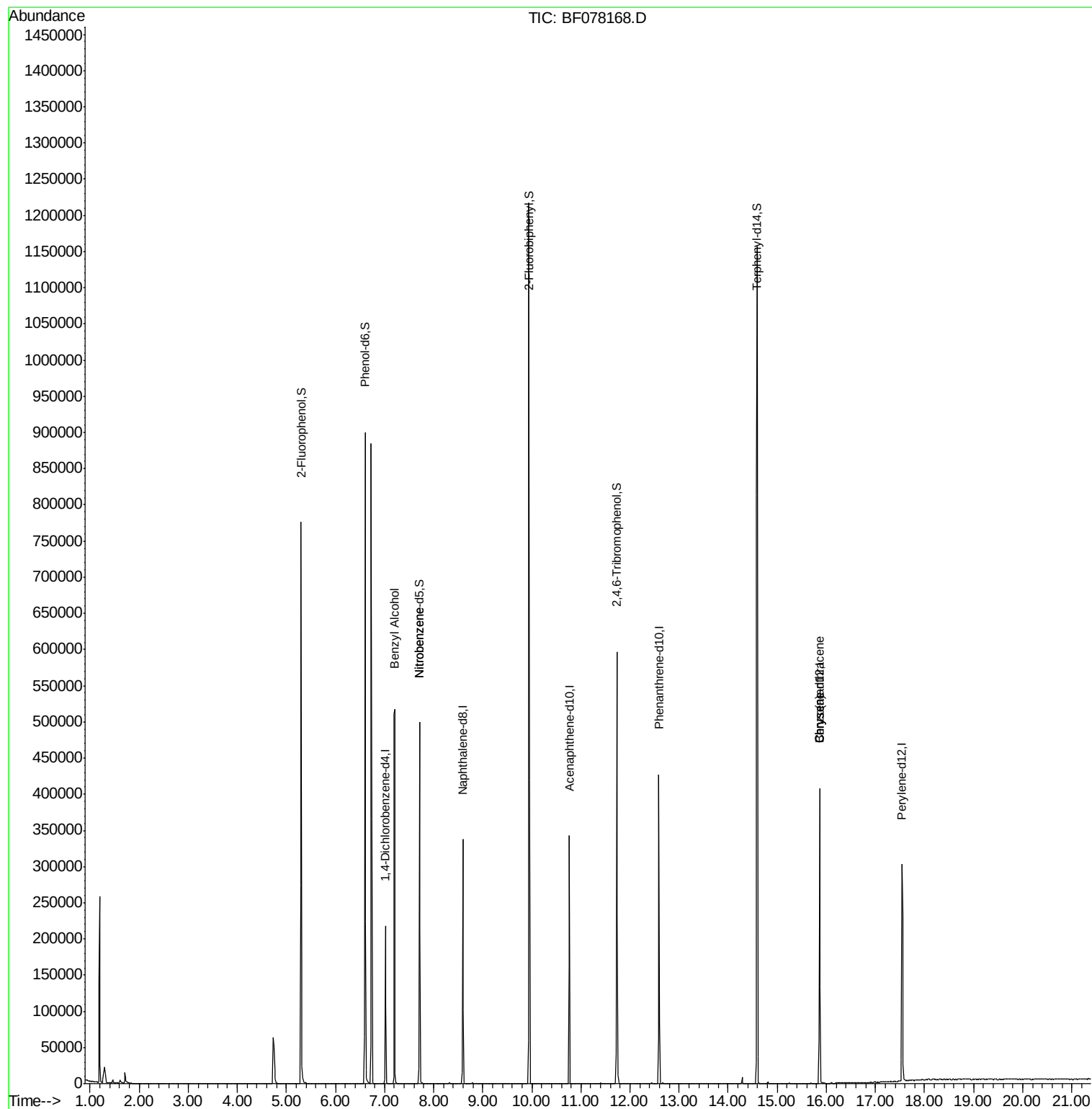
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	40734	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	163479	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	81634	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	167119	20.00	ng	0.00
75) Chrysene-d12	15.86	240	164512	20.00	ng	-0.01
86) Perylene-d12	17.54	264	155517	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	265699	107.55	ng	0.00
7) Phenol-d6	6.60	99	323223	104.39	ng	0.00
23) Nitrobenzene-d5	7.71	82	181388	67.25	ng	0.00
41) 2,4,6-Tribromophenol	11.73	330	74388	109.87	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	420551	73.64	ng	0.00
78) Terphenyl-d14	14.59	244	513424	70.52	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.20	79	3104	1.43	ng	# 58
24) Nitrobenzene	7.71	77	372	0.13	ng	# 30
76) Benzidine	14.28	184	6383	Below	Cal	97
80) Benzo(a)anthracene	15.86	228	275	0.03	ng	# 52
82) Chrysene	15.86	228	275	0.03	ng	# 49

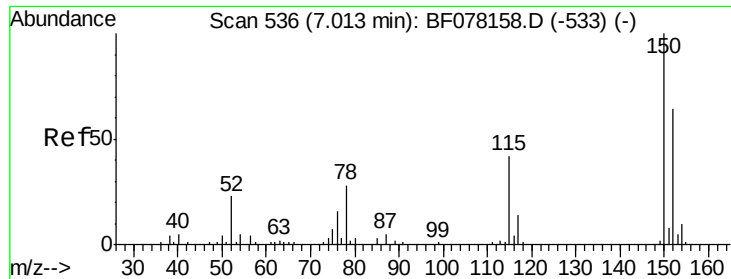
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.01 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

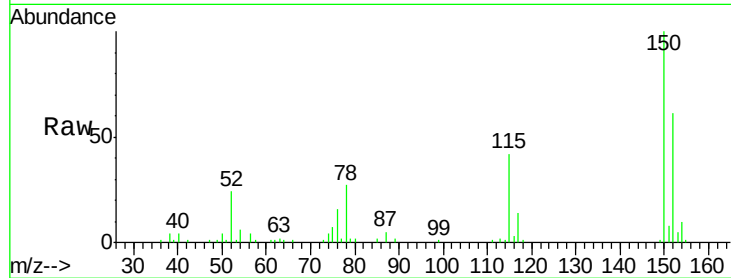
Tgt Ion:152 Resp: 40734

Ion Ratio Lower Upper

152 100

150 162.7 125.9 188.9

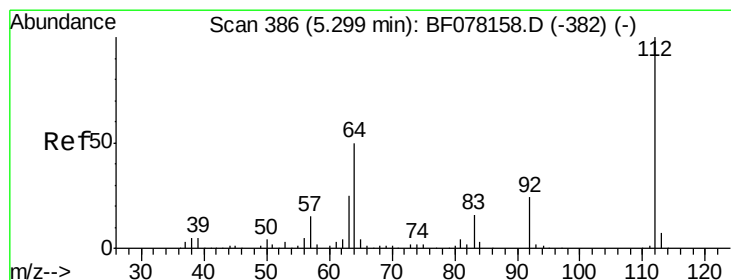
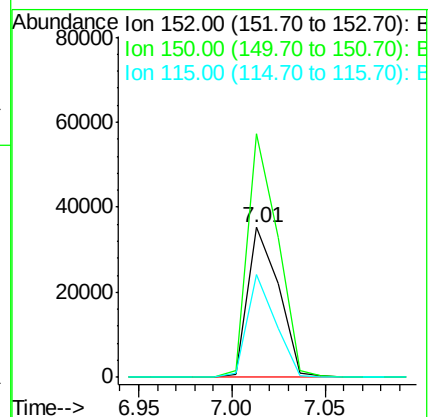
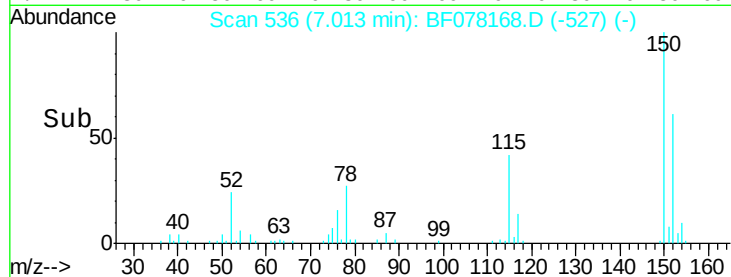
115 68.6 52.7 79.1



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: 107.55 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

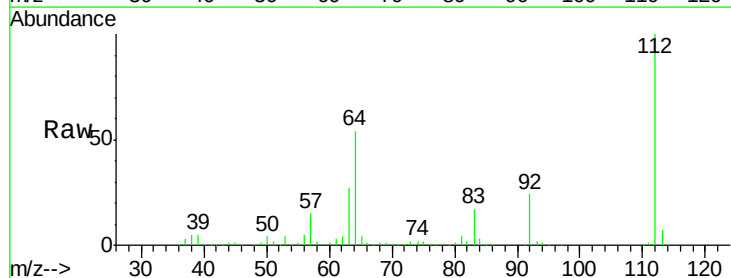
Tgt Ion:112 Resp: 265699

Ion Ratio Lower Upper

112 100

64 53.5 39.9 59.9

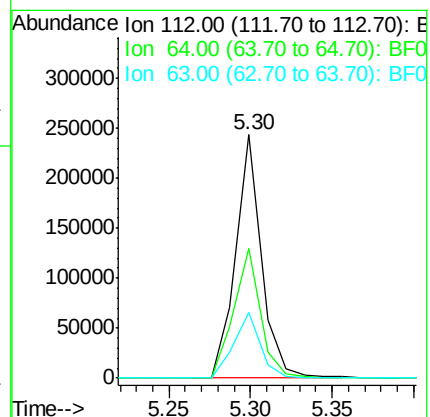
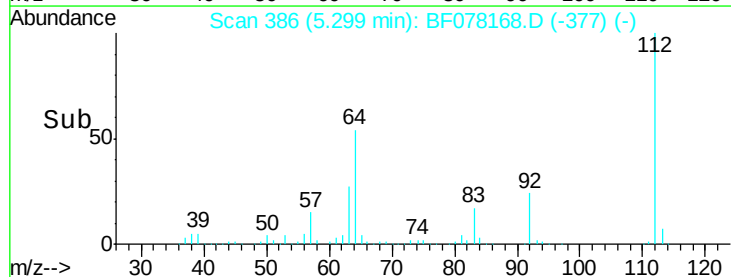
63 26.8 20.2 30.4

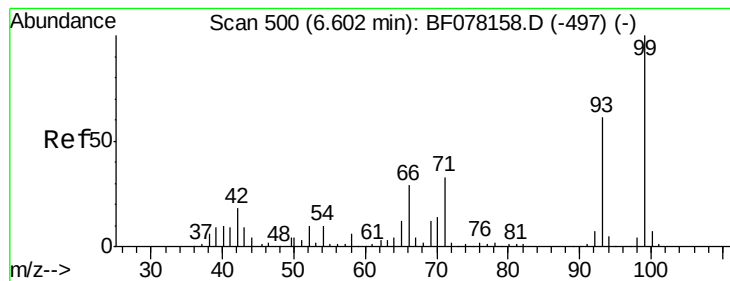


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.39 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

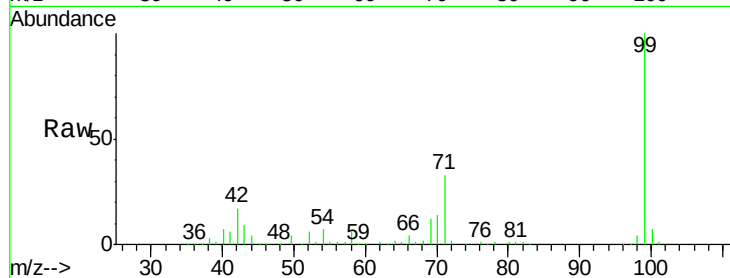
Tgt Ion: 99 Resp: 323223

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

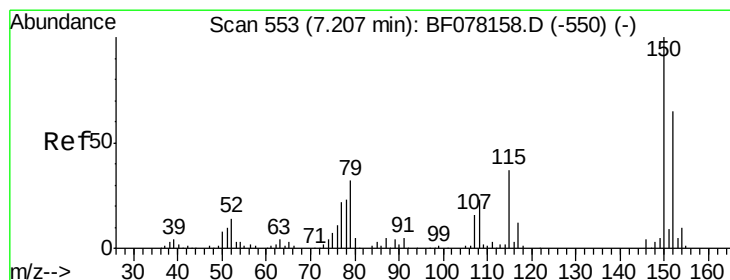
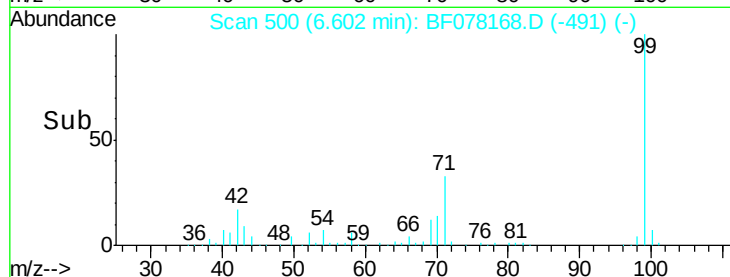
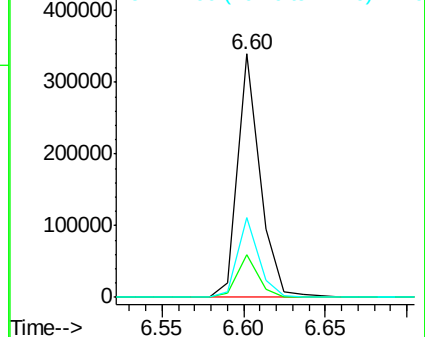
71 32.7 26.6 39.8



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



#15

Benzyl Alcohol

Concen: 1.43 ng

RT: 7.20 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

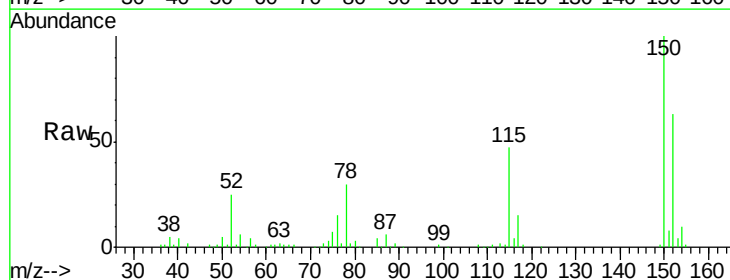
Tgt Ion: 79 Resp: 3104

Ion Ratio Lower Upper

79 100

108 25.7 57.6 86.4#

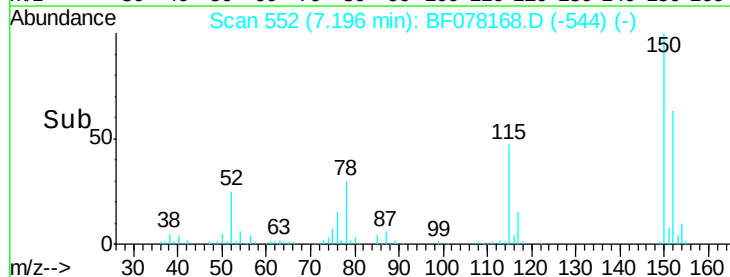
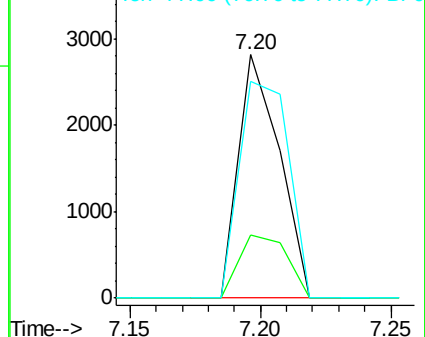
77 89.1 53.5 80.3#

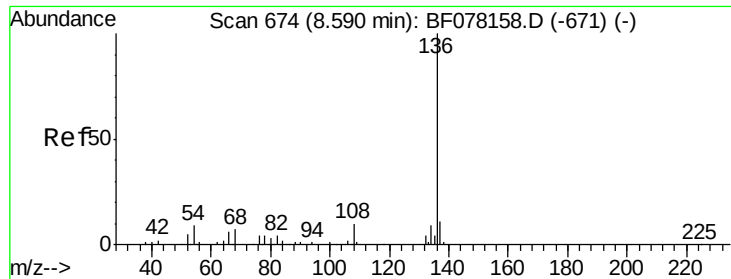


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

Tgt Ion:136 Resp: 163479

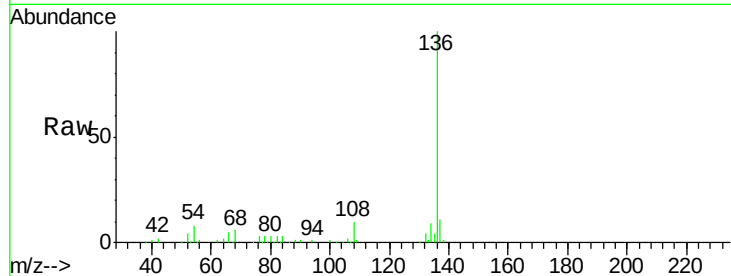
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.1 7.0 10.6

68 6.5 5.4 8.2

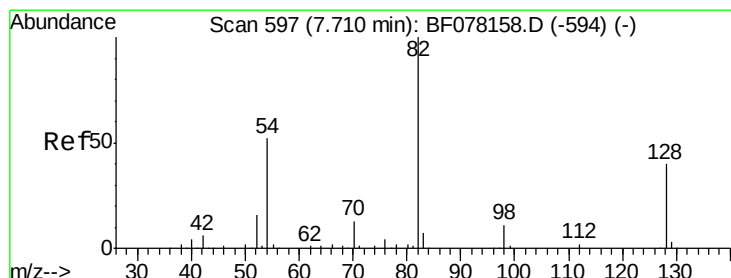
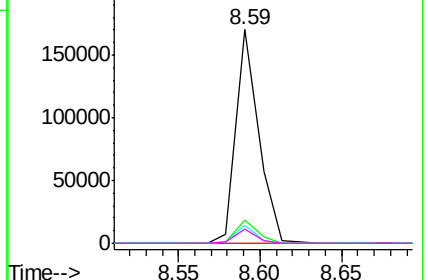
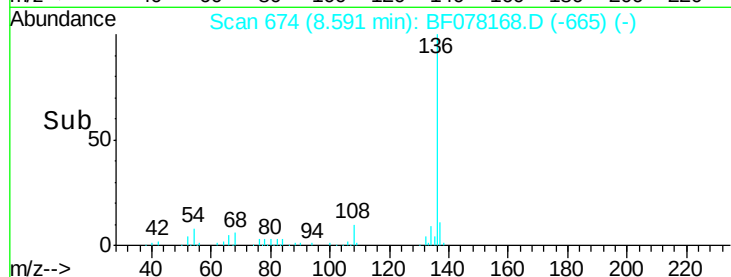


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.25 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

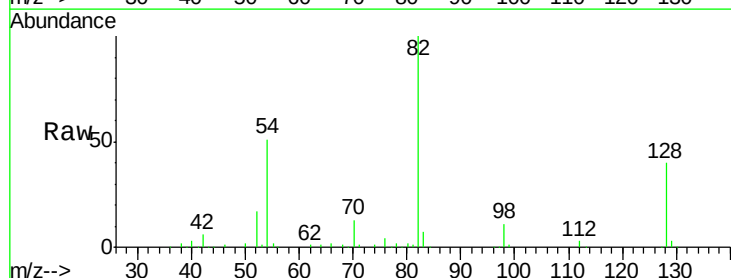
Tgt Ion: 82 Resp: 181388

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.8

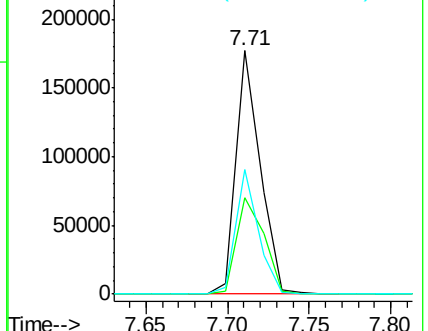
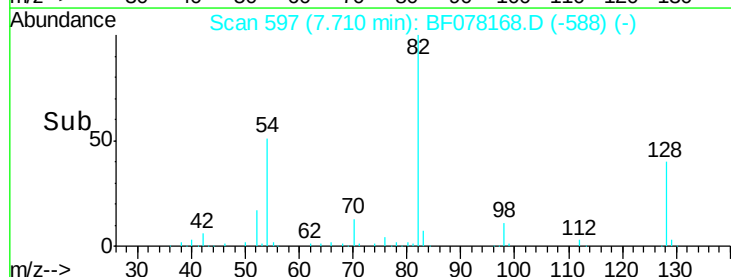
54 51.1 41.5 62.3

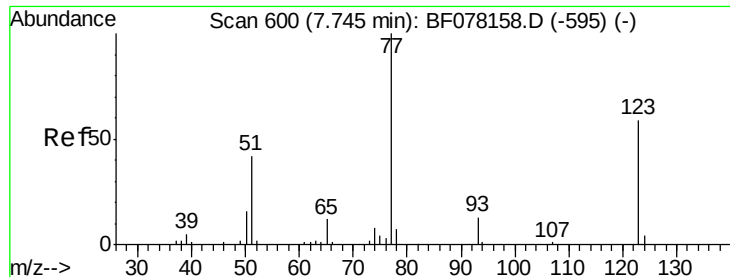


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 0.13 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

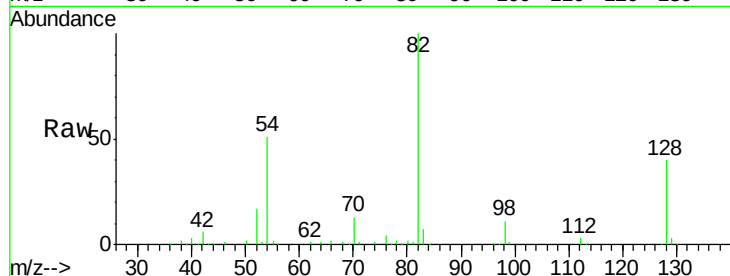
Tgt Ion: 77 Resp: 372

Ion Ratio Lower Upper

77 100

123 0.0 46.9 70.3#

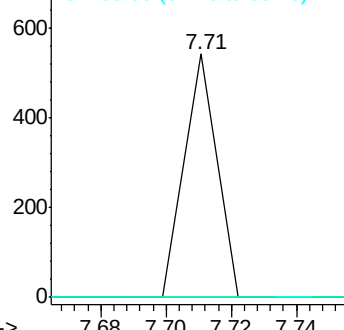
65 0.0 9.5 14.3#



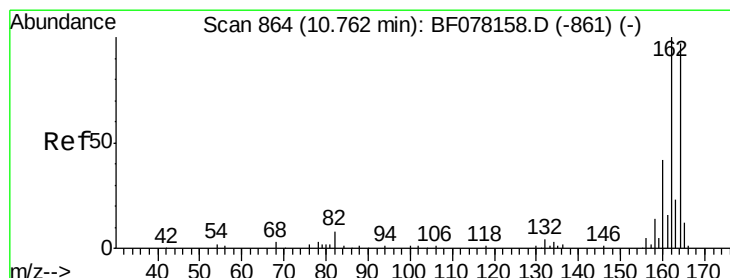
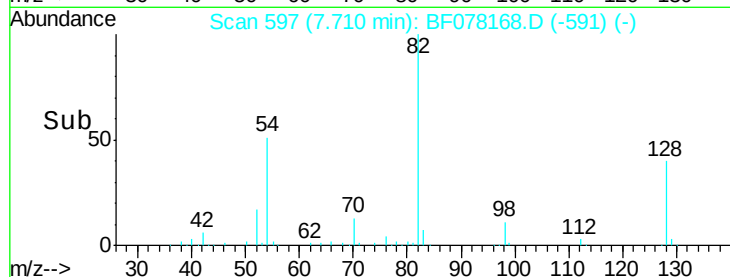
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

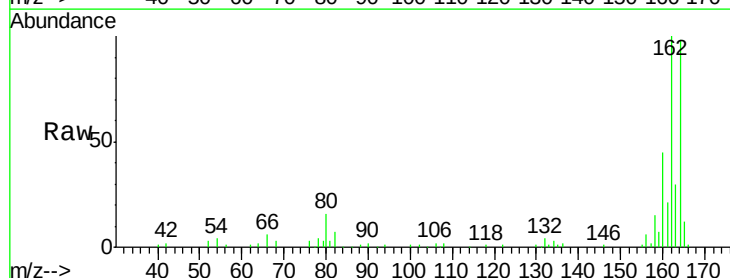
Tgt Ion: 164 Resp: 81634

Ion Ratio Lower Upper

164 100

162 102.4 82.2 123.2

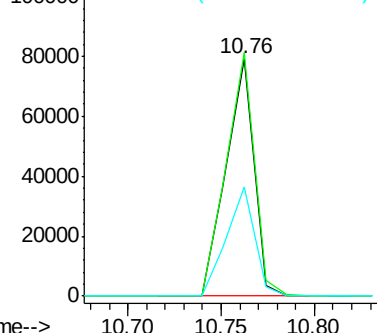
160 45.9 34.7 52.1



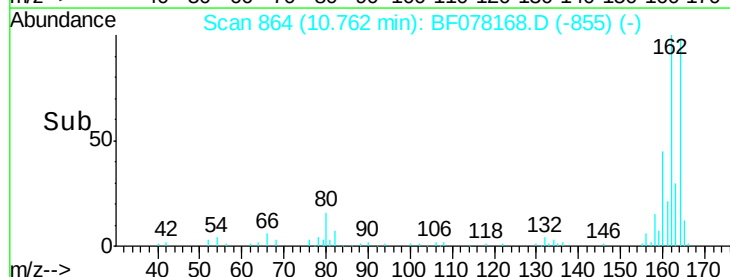
Abundance Ion 164.00 (163.70 to 164.70): E

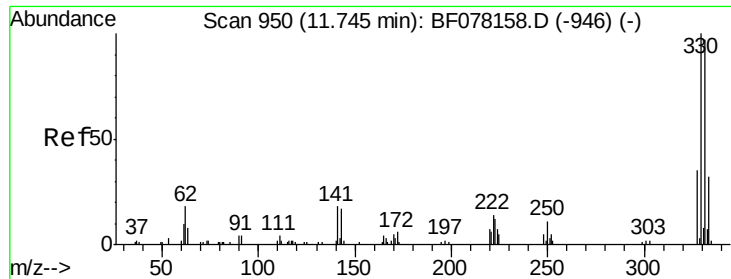
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->

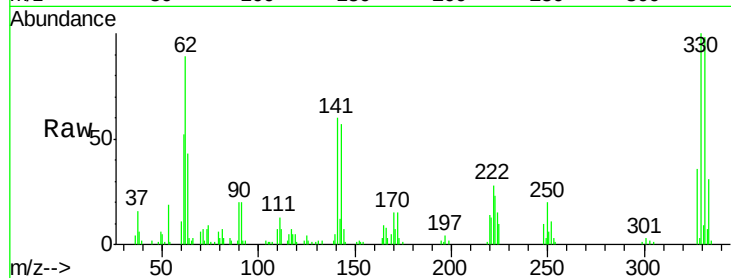




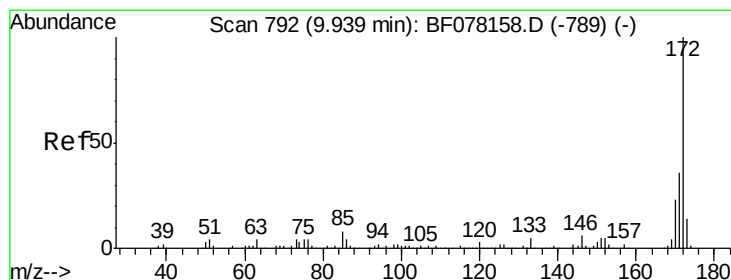
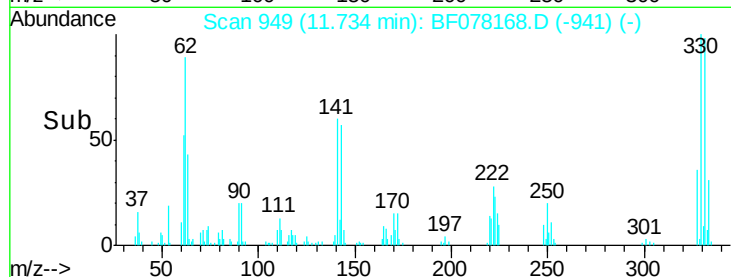
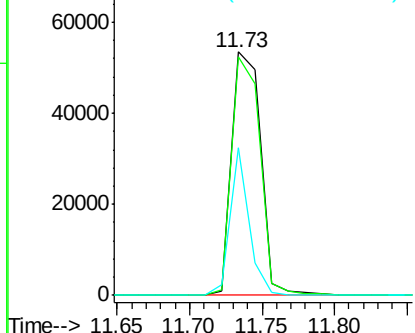
#41
 2,4,6-Tribromophenol
 Concen: 109.87 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078168.D
 Acq: 1 Apr 2015 22:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82441BL

Tgt Ion:330 Resp: 74388
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.6 117.8
 141 39.1 31.2 46.8

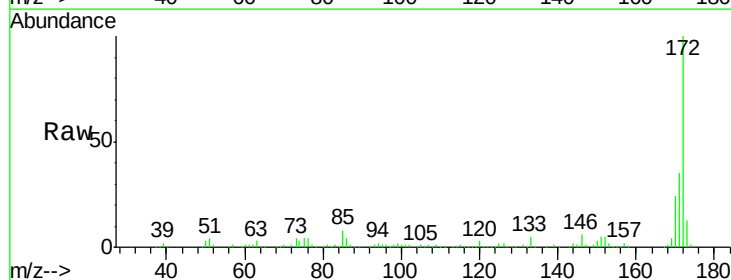


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

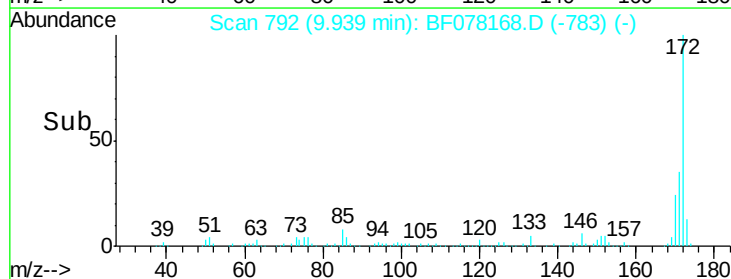
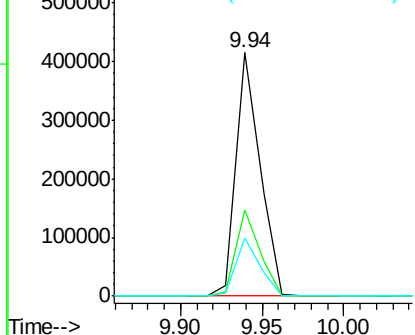


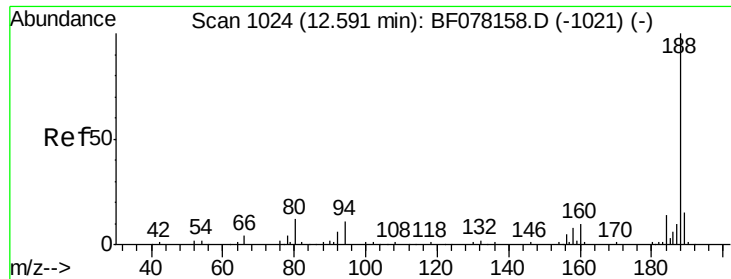
#44
 2-Fluorobiphenyl
 Concen: 73.64 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078168.D
 Acq: 1 Apr 2015 22:55

Tgt Ion:172 Resp: 420551
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 42.8
 170 23.9 18.5 27.7



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

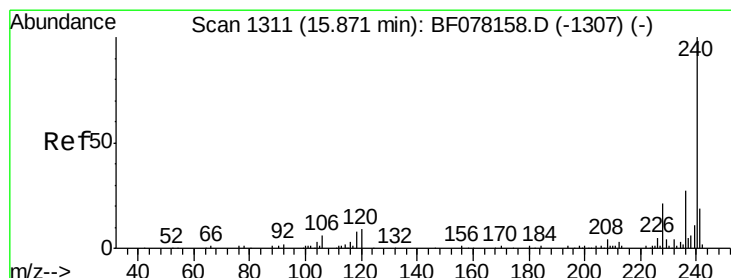
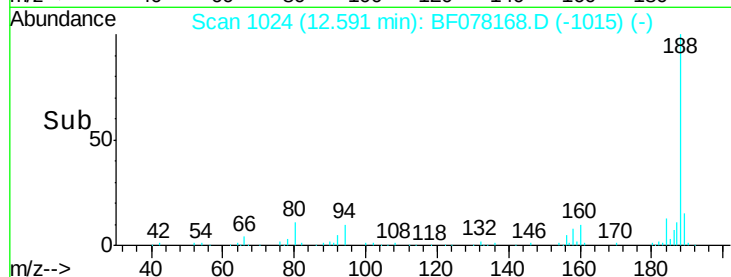
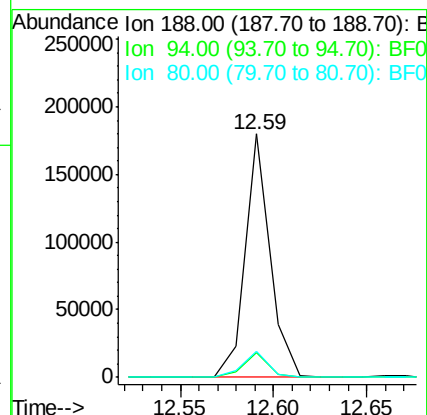
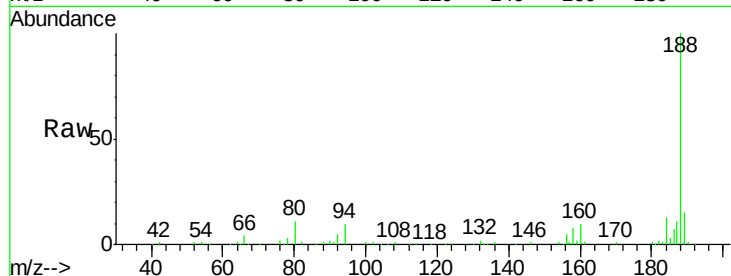




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078168.D
Acq: 1 Apr 2015 22:55

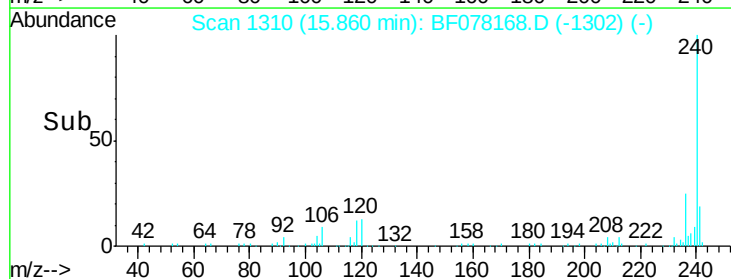
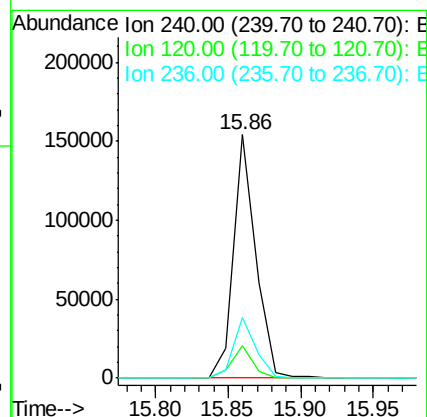
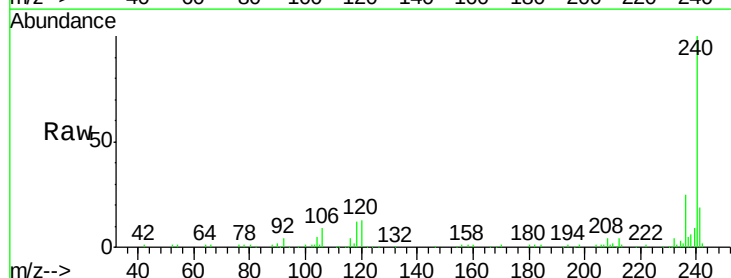
Instrument :
BNA_F
ClientSampleId :
PB82441BL

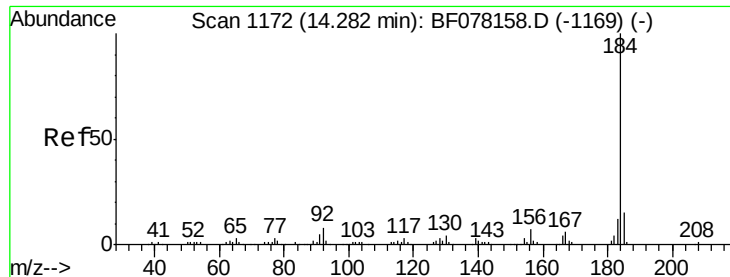
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.0	13.4
80	10.6	9.5	14.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF078168.D
Acq: 1 Apr 2015 22:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	7.1	10.7#
236	24.8	21.4	32.2





#76

Benzidine

Concen: Below Cal

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

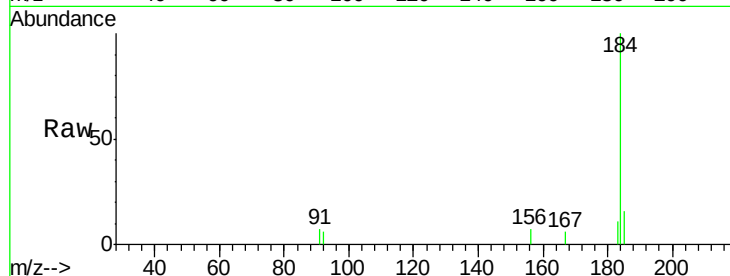
Tgt Ion:184 Resp: 6383

Ion Ratio Lower Upper

184 100

185 16.3 12.2 18.2

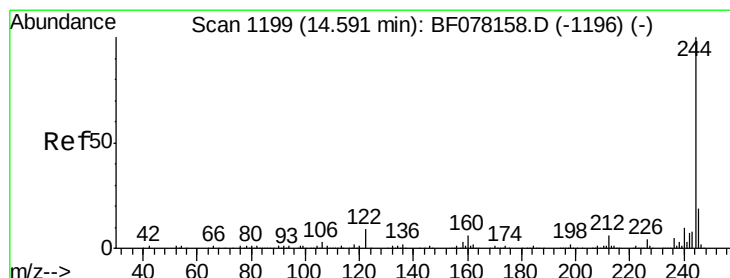
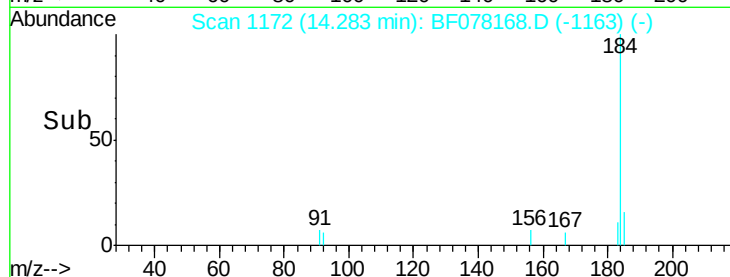
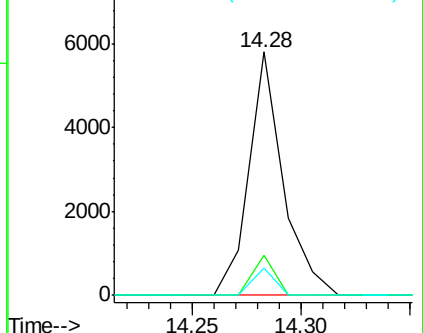
183 11.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 70.52 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

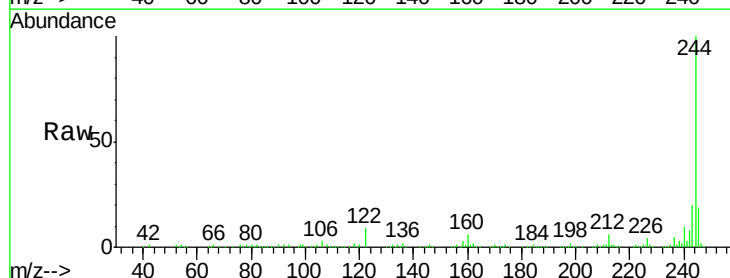
Tgt Ion:244 Resp: 513424

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

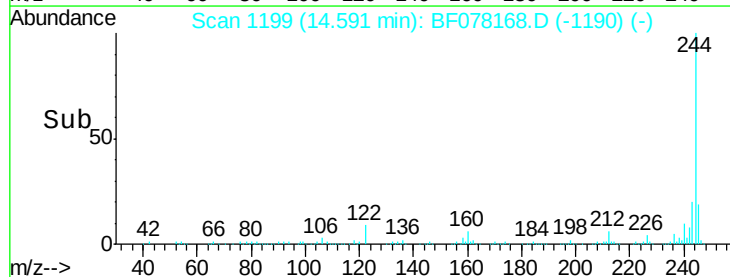
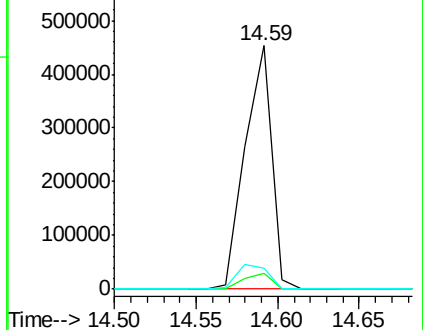
122 8.5 7.1 10.7

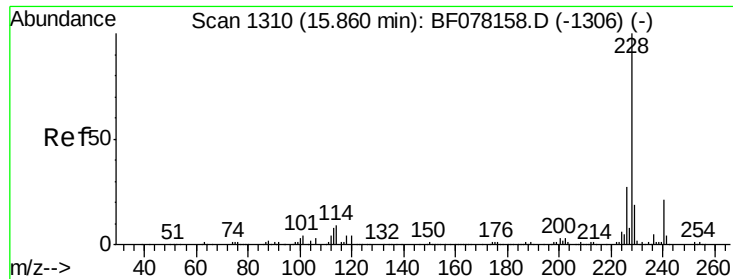


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.03 ng

RT: 15.86 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

Instrument :

BNA_F

ClientSampleId :

PB82441BL

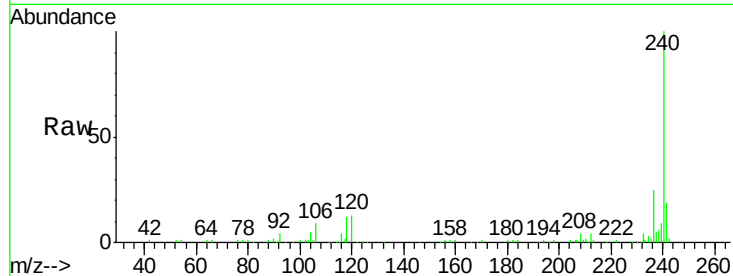
Tgt Ion:228 Resp: 275

Ion Ratio Lower Upper

228 100

226 0.0 21.3 31.9#

229 0.0 15.4 23.2#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

15.86

400

300

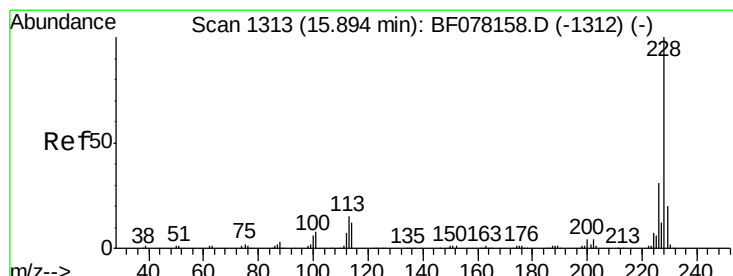
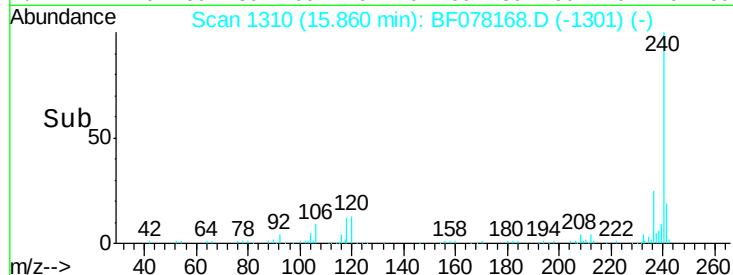
200

100

0

15.85

Time-->



#82

Chrysene

Concen: 0.03 ng

RT: 15.86 min Scan# 1310

Delta R.T. -0.03 min

Lab File: BF078168.D

Acq: 1 Apr 2015 22:55

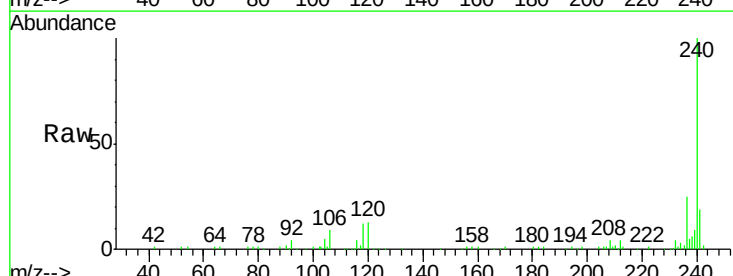
Tgt Ion:228 Resp: 275

Ion Ratio Lower Upper

228 100

226 0.0 24.2 36.4#

229 0.0 15.8 23.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

15.86

400

300

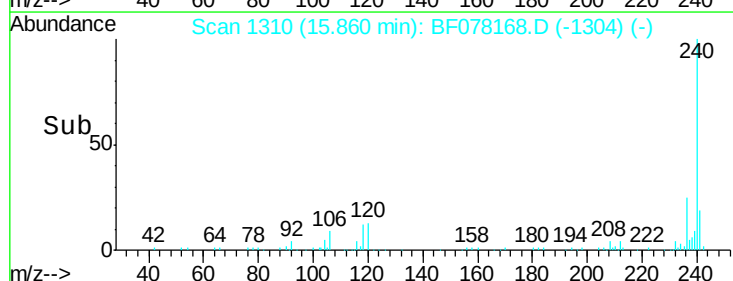
200

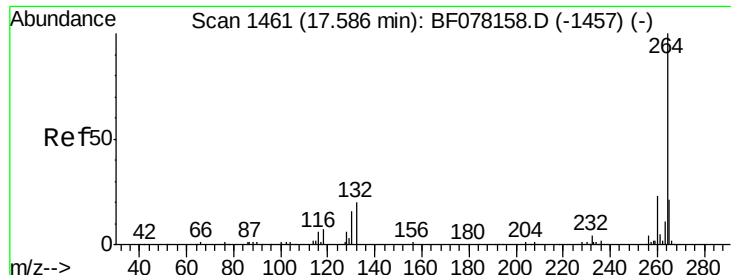
100

0

15.85

Time-->

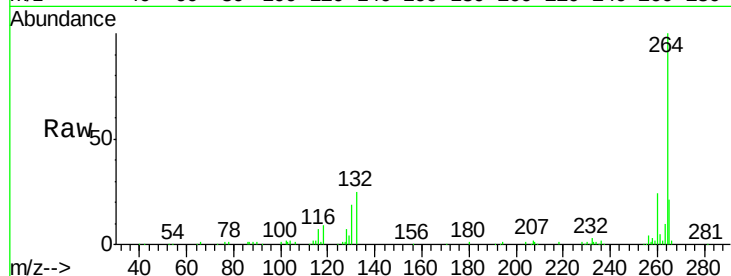




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.05 min
Lab File: BF078168.D
Acq: 1 Apr 2015 22:55

Instrument :
BNA_F
ClientSampleId :
PB82441BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	21.3	17.0	25.6



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

