

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040115\
 Data File : BF078177.D
 Acq On : 2 Apr 2015 4:09
 Operator : TP/IZ
 Sample : G1711-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB2(8-9)

Quant Time: Apr 02 04:39:47 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 05:28:29 2015
 Response via : Initial Calibration

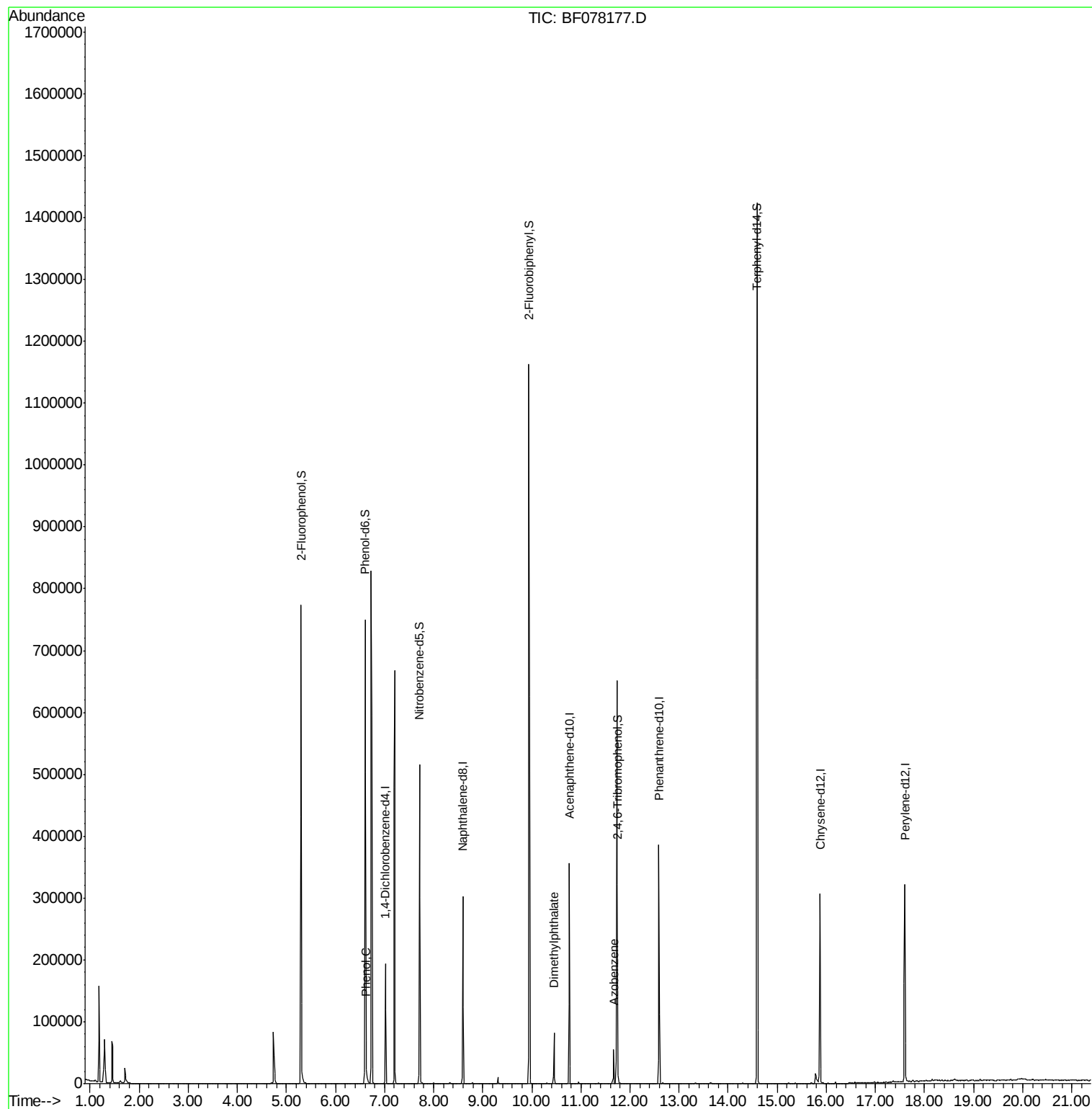
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	39170	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	158157	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	79874	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	153737	20.00	ng	0.00
75) Chrysene-d12	15.87	240	163091	20.00	ng	0.00
86) Perylene-d12	17.60	264	148967	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	291047	122.51	ng	0.00
7) Phenol-d6	6.60	99	357920	120.22	ng	0.00
23) Nitrobenzene-d5	7.71	82	206802	79.26	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	86419	130.45	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	452694	81.01	ng	0.00
78) Terphenyl-d14	14.59	244	534313	74.03	ng	0.00
Target Compounds						
10) Phenol	6.62	94	9264	2.60	ng	Qvalue 89
49) Dimethylphthalate	10.45	163	36601	6.10	ng	97
62) Azobenzene	11.67	77	10729	2.03	ng	# 1
76) Benzidine	14.29	184	1339	Below Cal		# 66

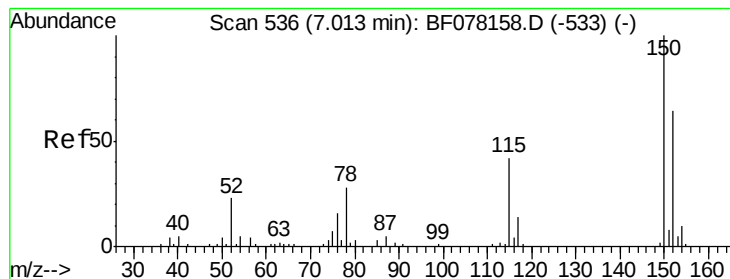
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078177.D

Acq: 2 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

SB2(8-9)

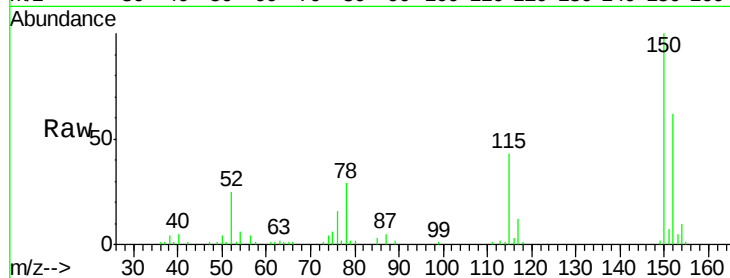
Tgt Ion:152 Resp: 39170

Ion Ratio Lower Upper

152 100

150 161.7 125.9 188.9

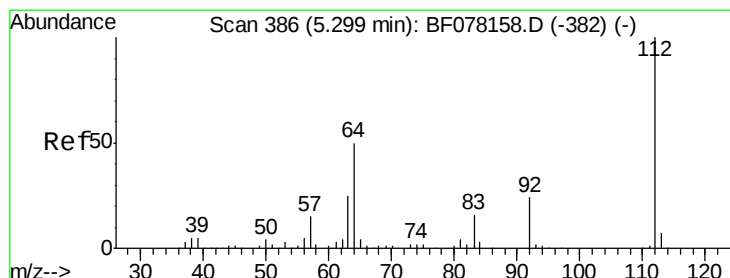
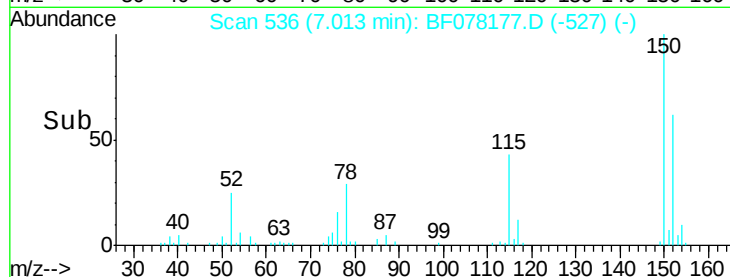
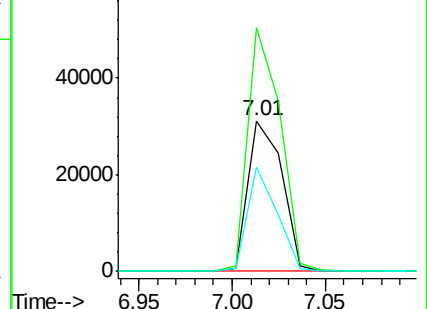
115 69.0 52.7 79.1



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: 122.51 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

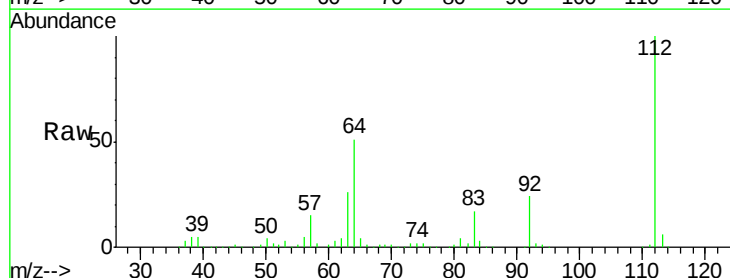
Tgt Ion:112 Resp: 291047

Ion Ratio Lower Upper

112 100

64 50.8 39.9 59.9

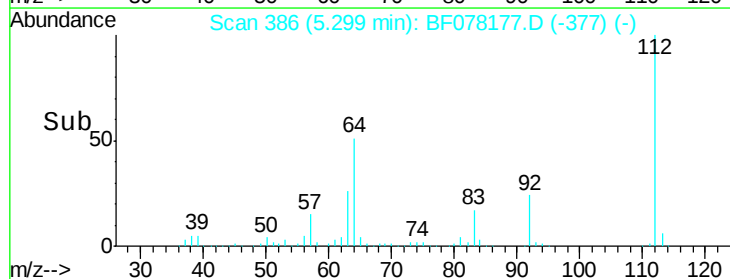
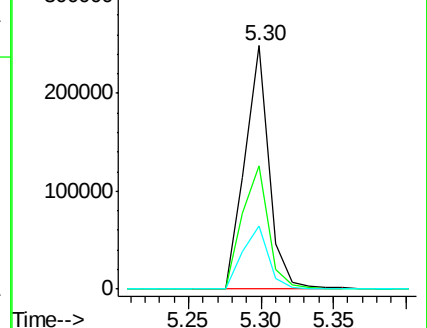
63 25.8 20.2 30.4

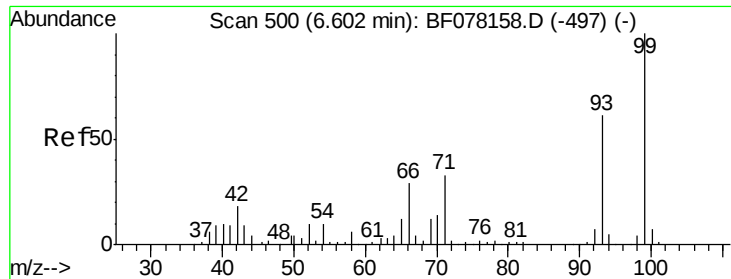


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.22 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

SB2(8-9)

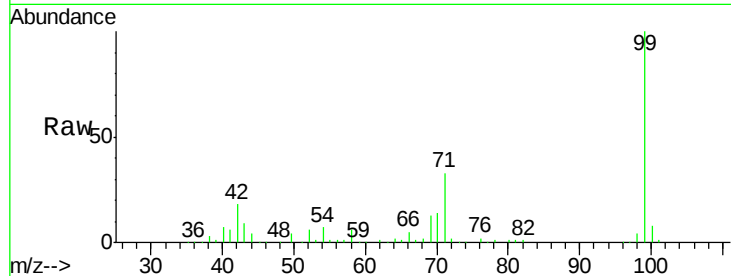
Tgt Ion: 99 Resp: 357920

Ion Ratio Lower Upper

99 100

42 18.3 14.8 22.2

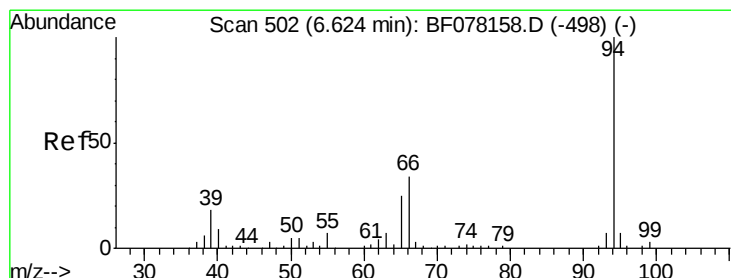
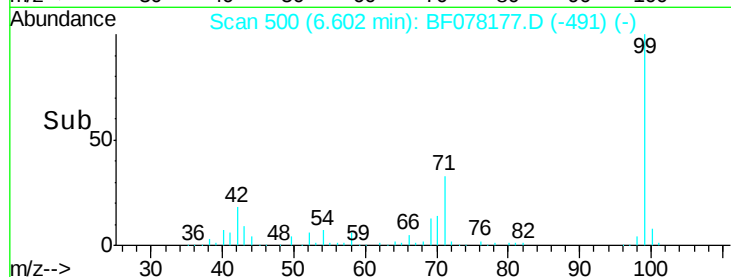
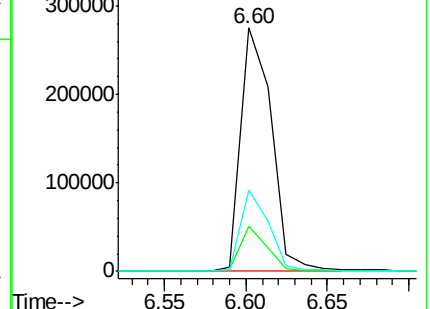
71 33.4 26.6 39.8



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



#10

Phenol

Concen: 2.60 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

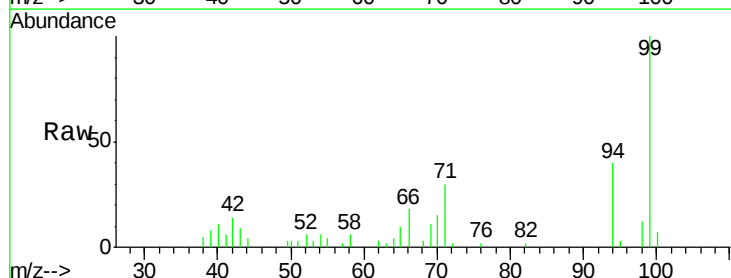
Tgt Ion: 94 Resp: 9264

Ion Ratio Lower Upper

94 100

65 25.9 4.9 44.9

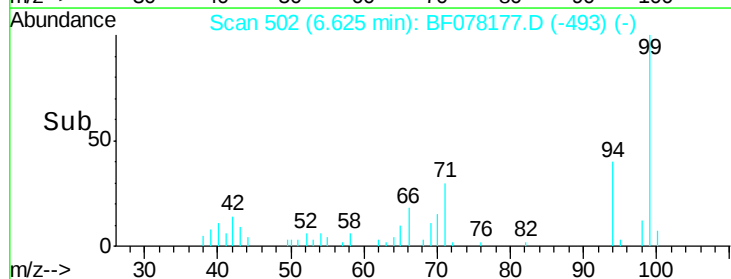
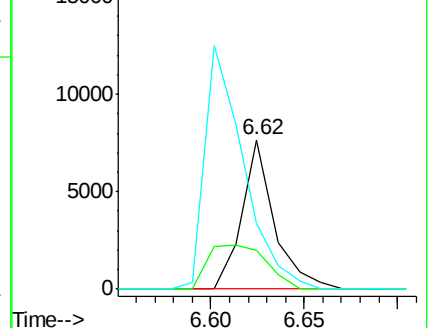
66 44.2 13.8 53.8

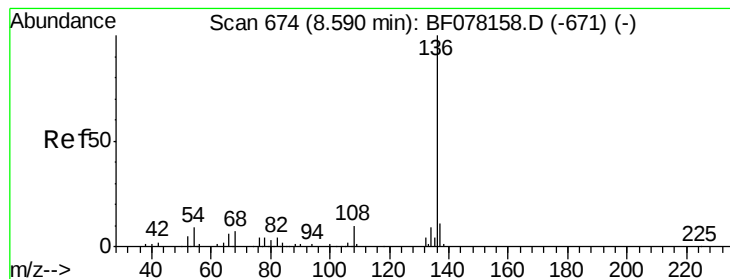


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

SB2(8-9)

Tgt Ion: 136 Resp: 158157

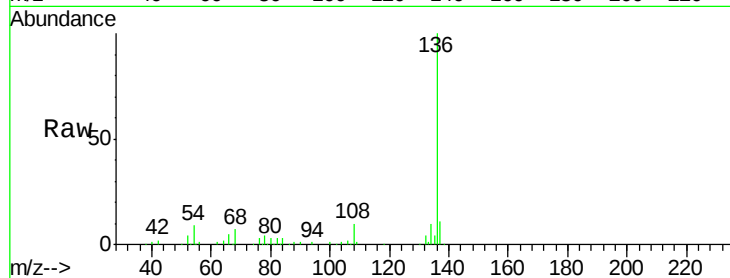
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 8.5 7.0 10.6

68 6.7 5.4 8.2

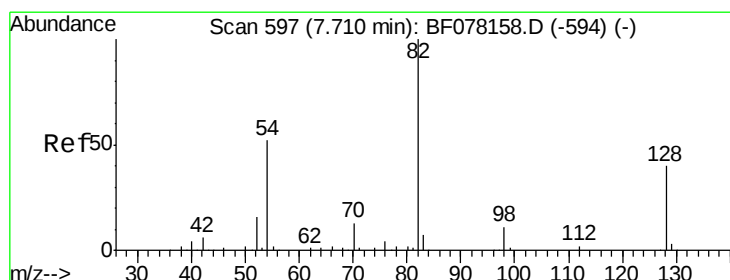
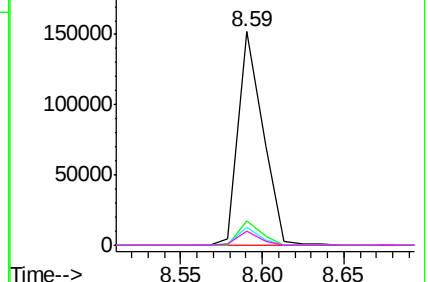
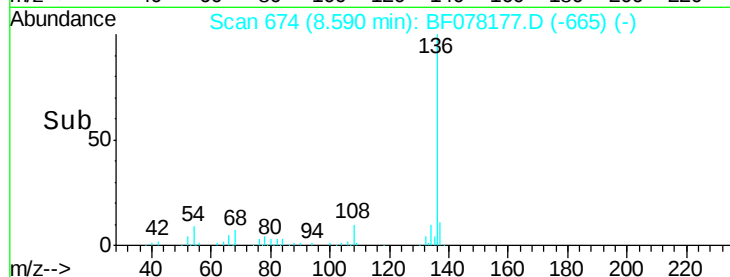


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.26 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

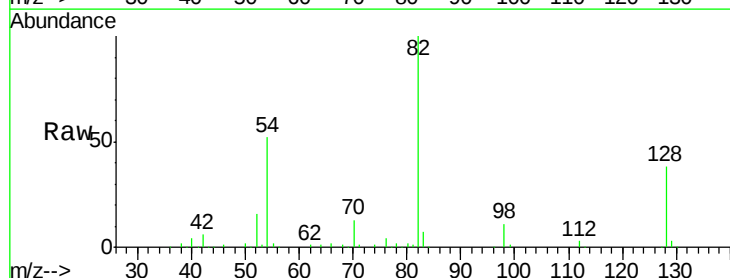
Tgt Ion: 82 Resp: 206802

Ion Ratio Lower Upper

82 100

128 38.5 31.8 47.8

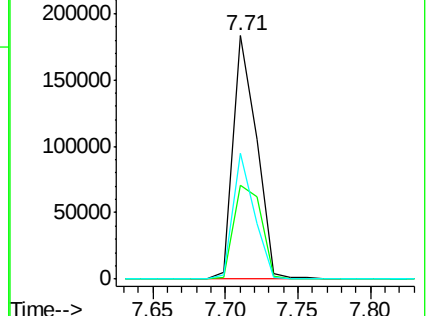
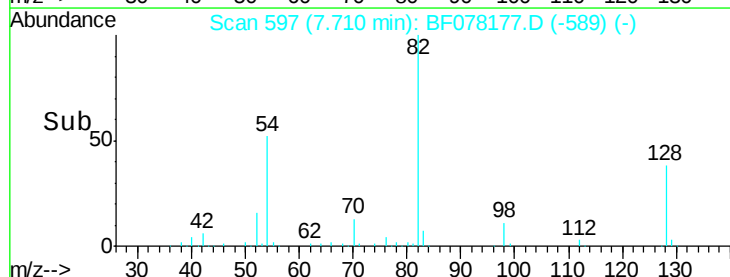
54 51.6 41.5 62.3

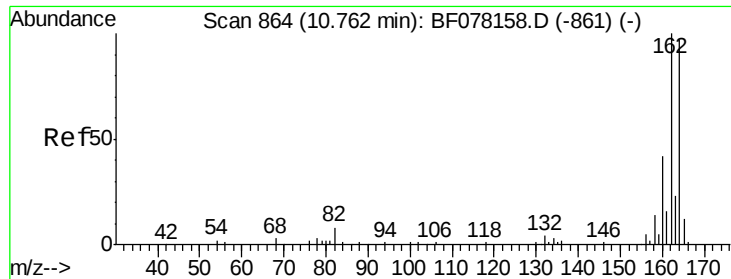


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

SB2(8-9)

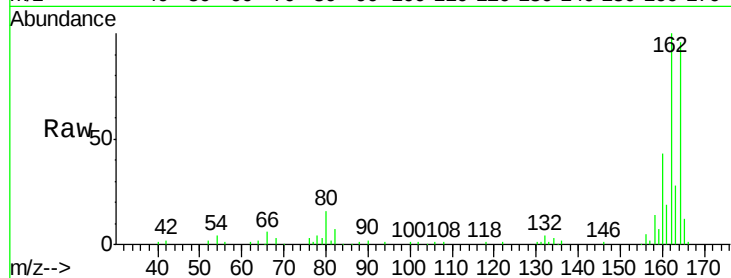
Tgt Ion:164 Resp: 79874

Ion Ratio Lower Upper

164 100

162 104.1 82.2 123.2

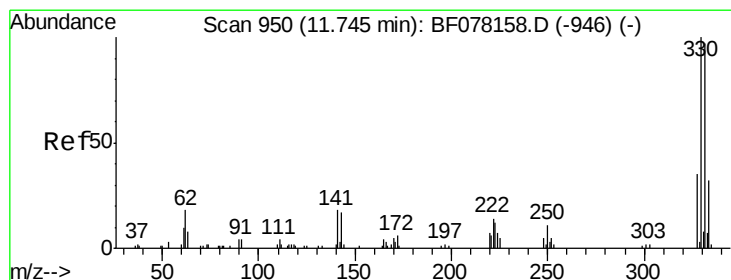
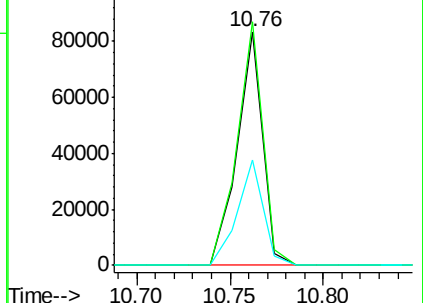
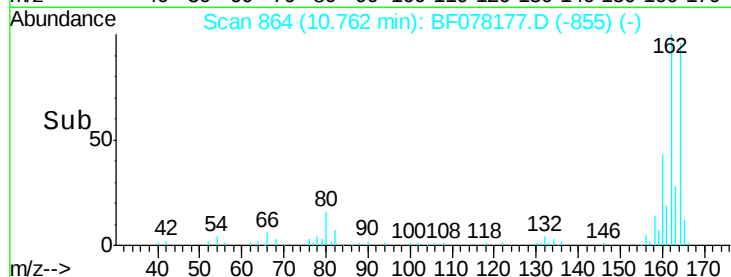
160 45.0 34.7 52.1



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



#41

2,4,6-Tribromophenol

Concen: 130.45 ng

RT: 11.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

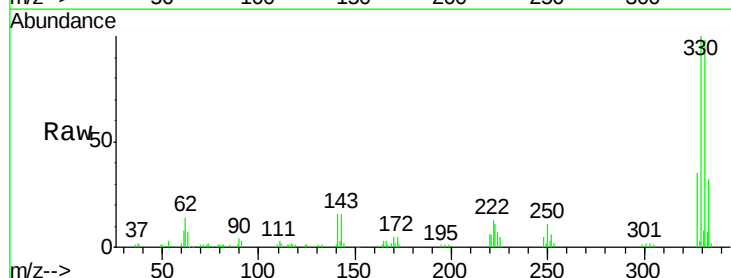
Tgt Ion:330 Resp: 86419

Ion Ratio Lower Upper

330 100

332 97.0 78.6 117.8

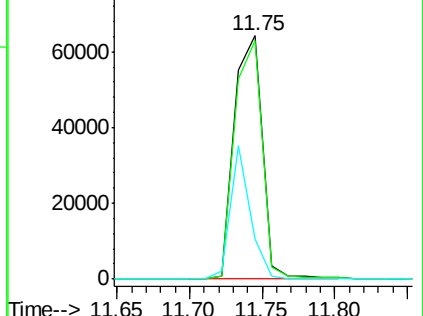
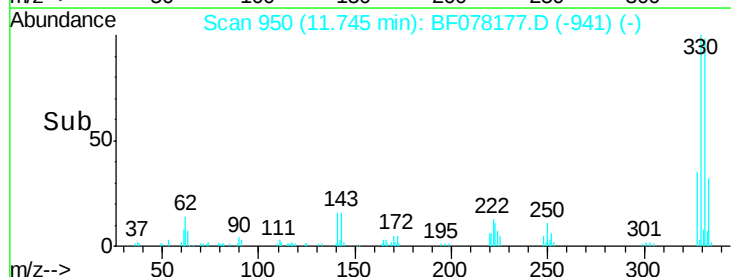
141 38.7 31.2 46.8

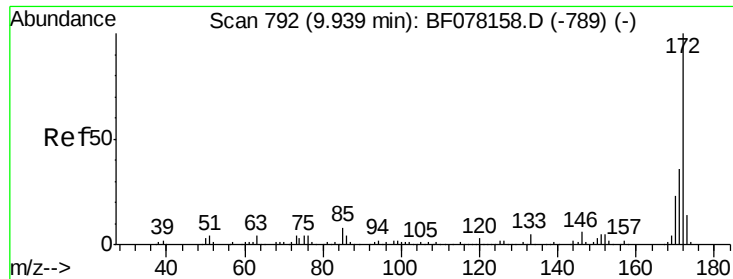


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

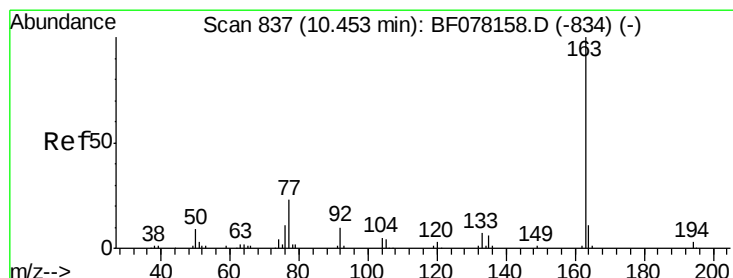
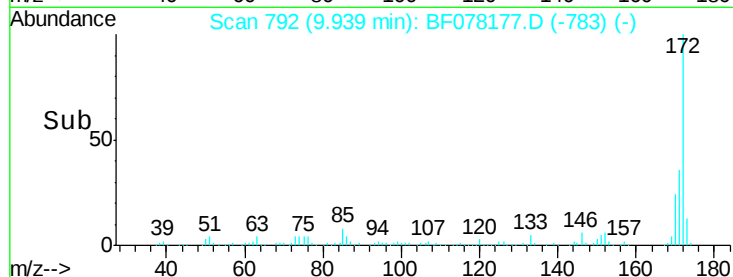
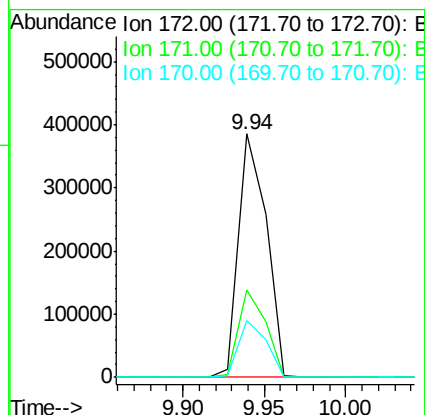
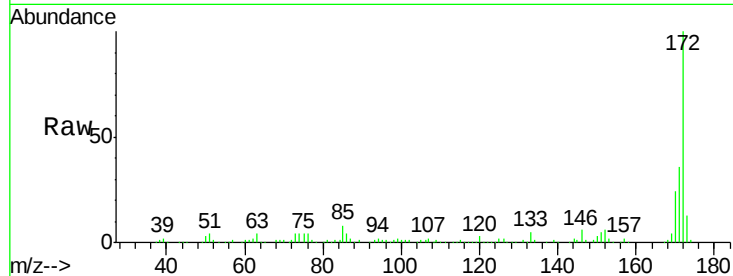




#44
 2-Fluorobiphenyl
 Concen: 81.01 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078177.D
 Acq: 2 Apr 2015 4:09

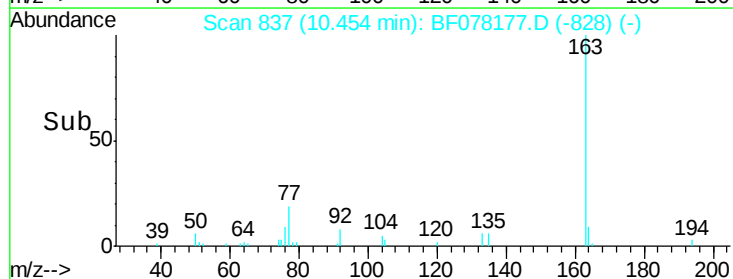
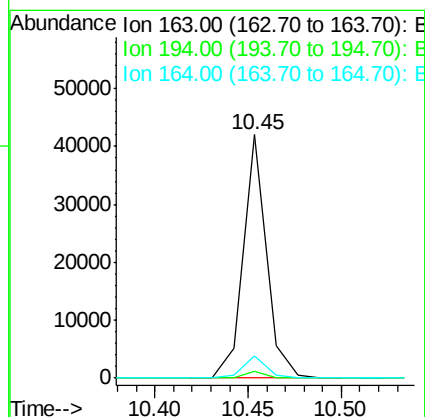
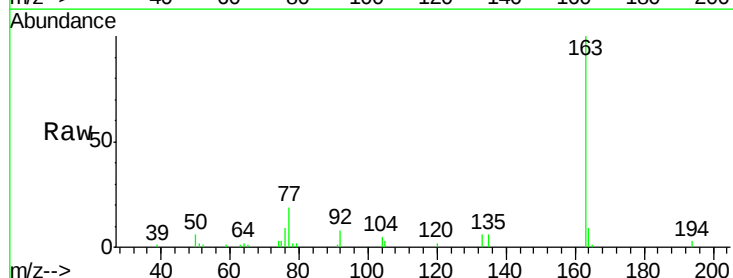
Instrument :
 BNA_F
 ClientSampleId :
 SB2(8-9)

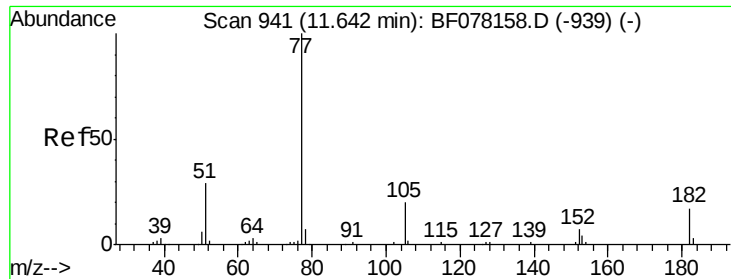
Tgt Ion:172 Resp: 452694
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 42.8
 170 23.5 18.5 27.7



#49
 Dimethylphthalate
 Concen: 6.10 ng
 RT: 10.45 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF078177.D
 Acq: 2 Apr 2015 4:09

Tgt Ion:163 Resp: 36601
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.3 3.5
 164 9.2 8.6 13.0

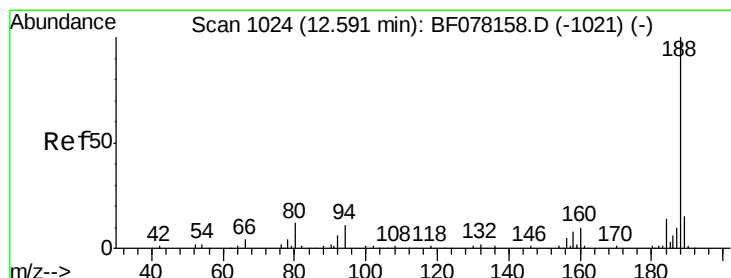
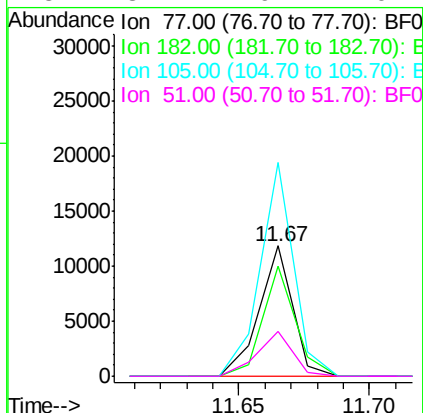
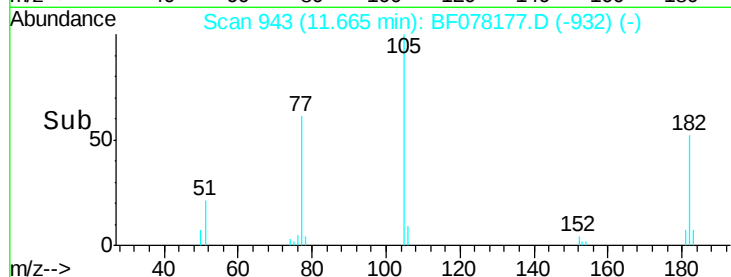
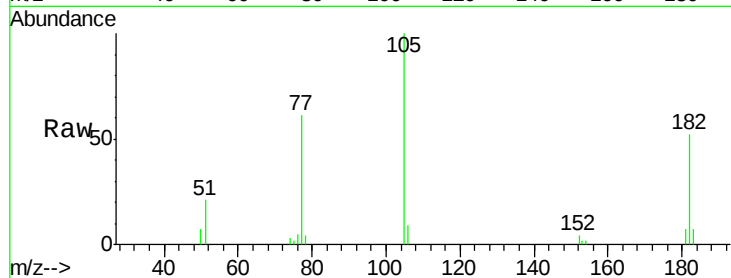




#62
Azobenzene
Concen: 2.03 ng
RT: 11.67 min Scan# 943
Delta R.T. 0.02 min
Lab File: BF078177.D
Acq: 2 Apr 2015 4:09

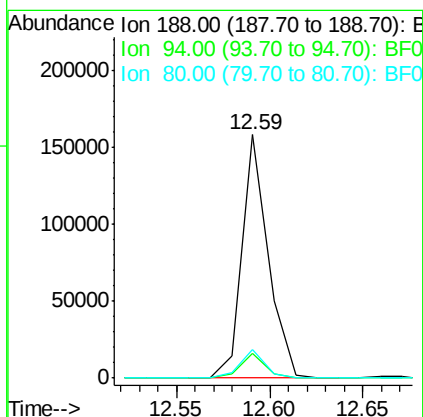
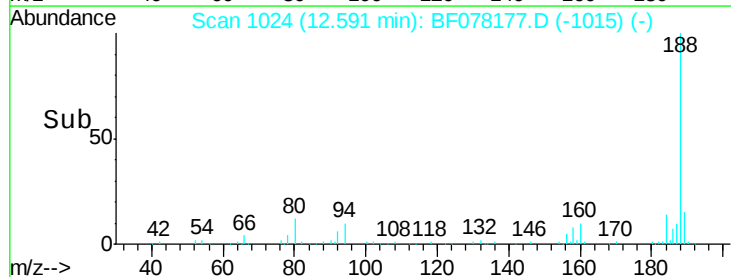
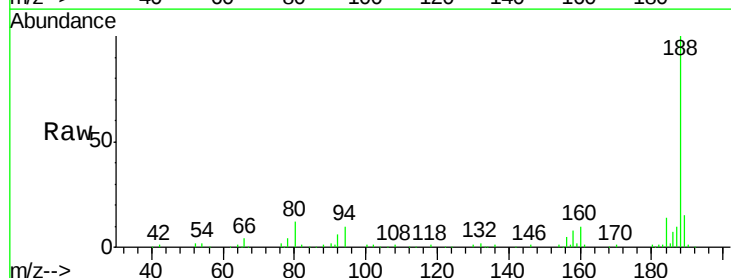
Instrument :
BNA_F
ClientSampled :
SB2(8-9)

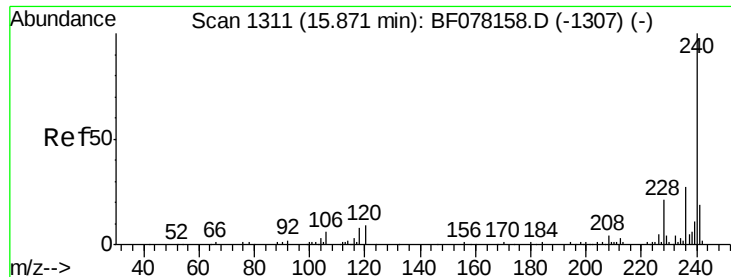
Tgt Ion: 77 Resp: 10729
Ion Ratio Lower Upper
77 100
182 84.4 0.0 36.8#
105 163.8 0.3 40.3#
51 34.7 9.1 49.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078177.D
Acq: 2 Apr 2015 4:09

Tgt Ion: 188 Resp: 153737
Ion Ratio Lower Upper
188 100
94 10.3 9.0 13.4
80 11.6 9.5 14.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.87 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

Instrument :

BNA_F

ClientSampleId :

SB2(8-9)

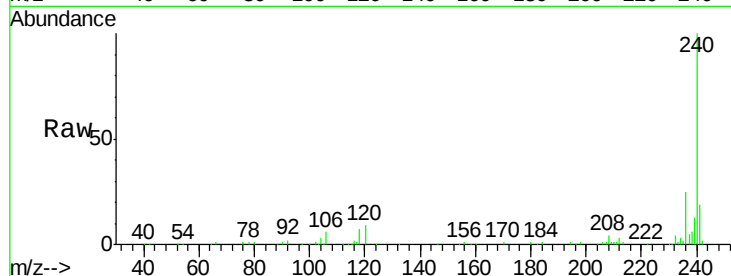
Tgt Ion:240 Resp: 163091

Ion Ratio Lower Upper

240 100

120 8.7 7.1 10.7

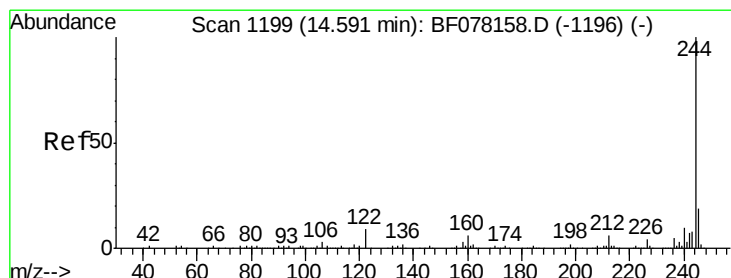
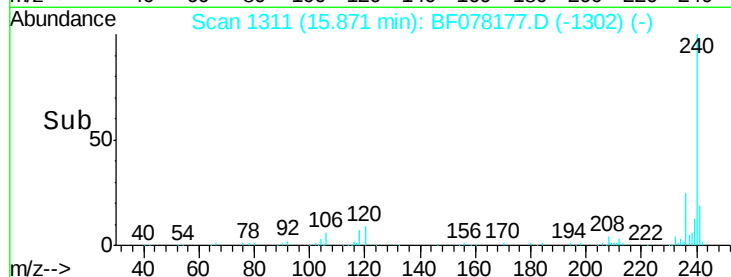
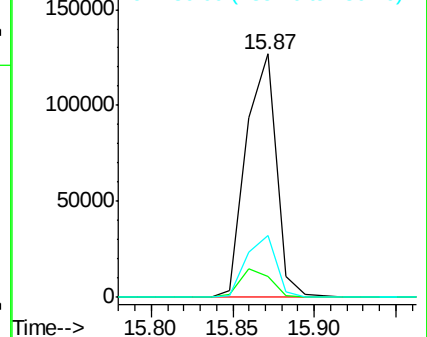
236 25.4 21.4 32.2



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: 74.03 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078177.D

Acq: 2 Apr 2015 4:09

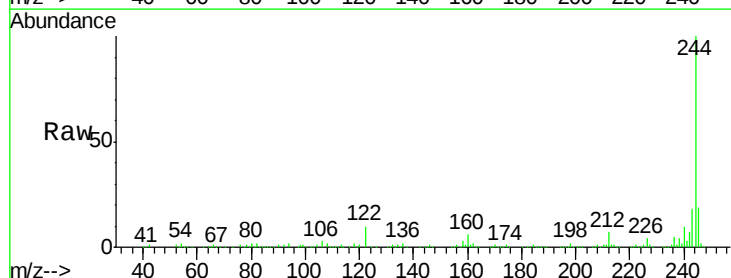
Tgt Ion:244 Resp: 534313

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

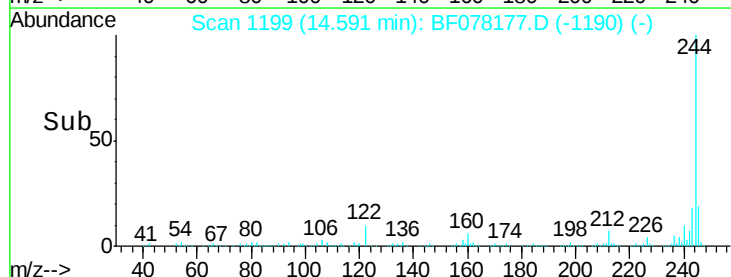
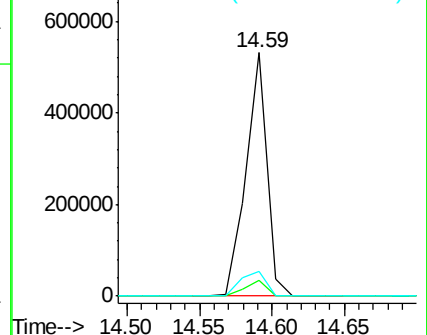
122 10.2 7.1 10.7

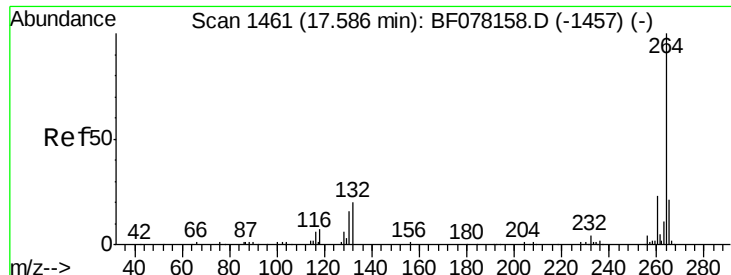


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF078177.D
Acq: 2 Apr 2015 4:09

Instrument :
BNA_F
ClientSampleId :
SB2(8-9)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.4	17.0	25.6

