

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078166.D
 Acq On : 1 Apr 2015 21:57
 Operator : TP/IZ
 Sample : PB82442BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BL

Quant Time: Apr 02 05:03:36 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	39747	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	163889	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	82087	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	164727	20.00	ng	0.00
75) Chrysene-d12	15.87	240	166635	20.00	ng	0.00
86) Perylene-d12	17.61	264	159075	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	266278	110.46	ng	0.00
7) Phenol-d6	6.60	99	313808	103.87	ng	0.00
23) Nitrobenzene-d5	7.71	82	181870	67.26	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	74360	109.22	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	420978	73.31	ng	0.00
78) Terphenyl-d14	14.59	244	508372	68.94	ng	0.00

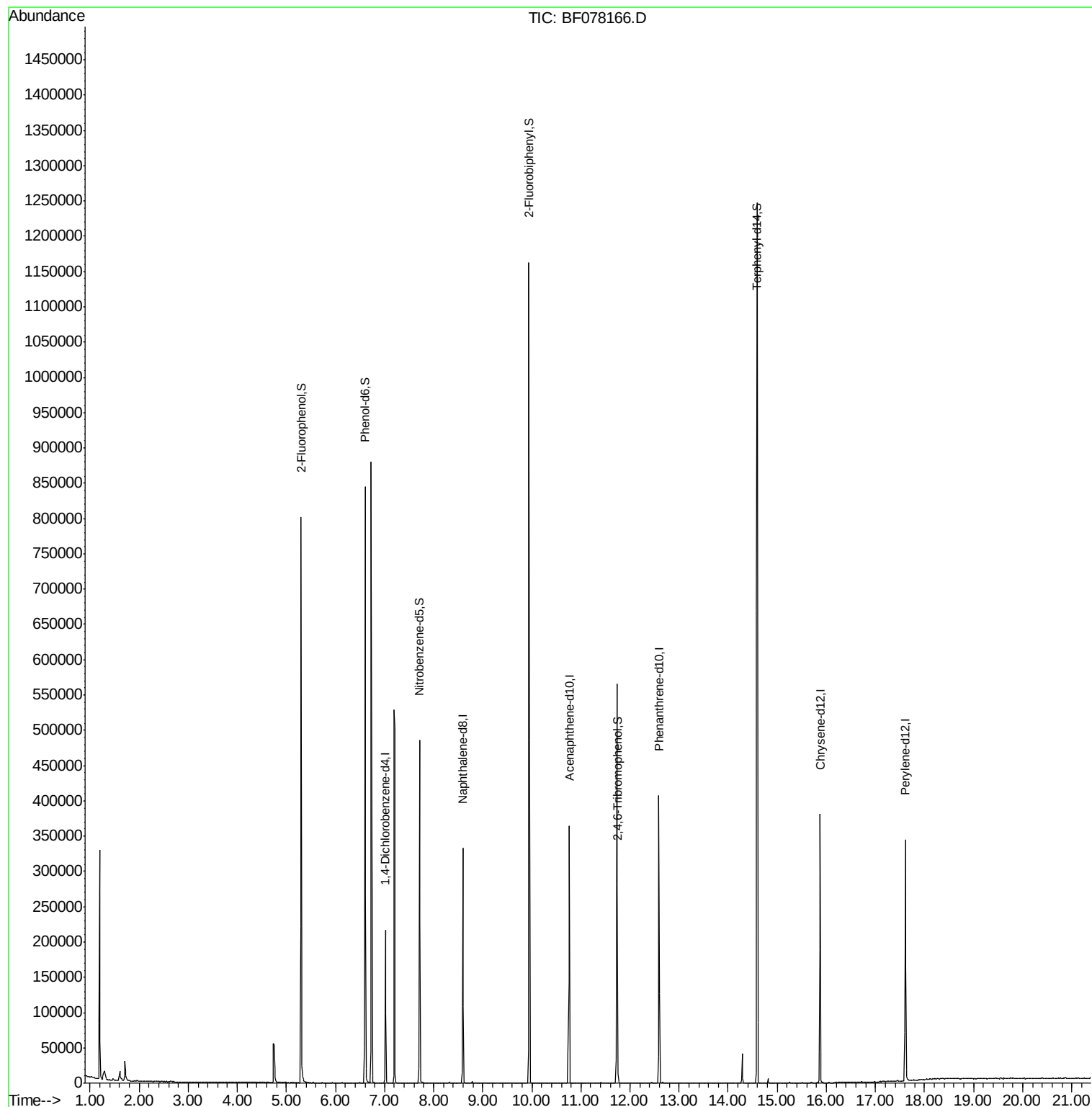
Target Compounds Qvalue

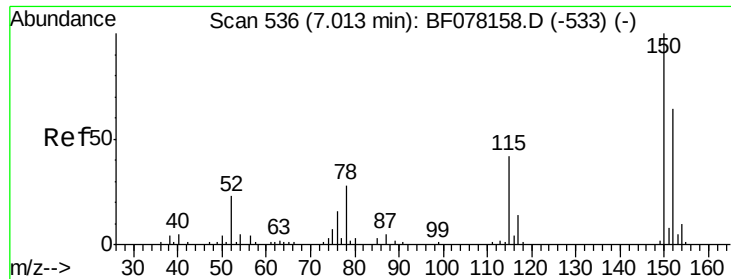
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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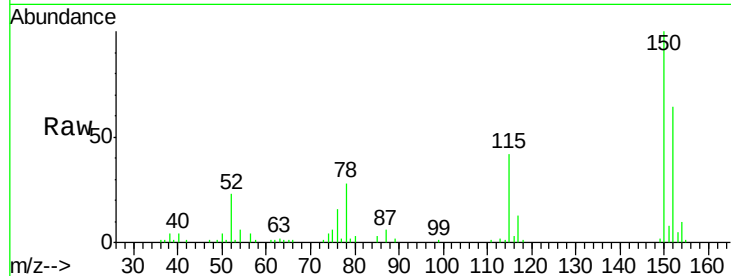


#1

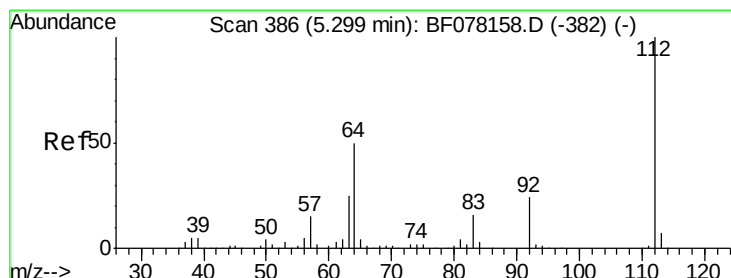
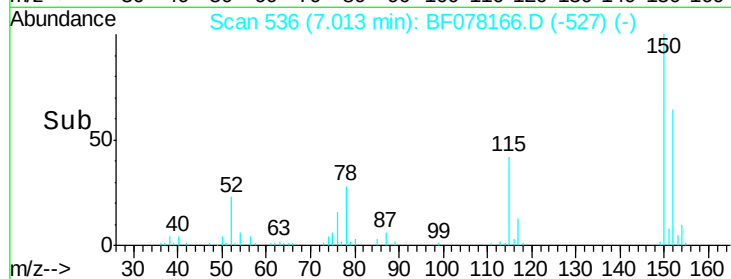
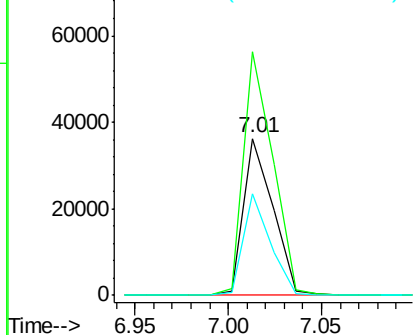
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078166.D
Acq: 1 Apr 2015 21:57

Instrument :
BNA_F
ClientSampleId :
PB82442BL

Tot Ion:152 Resp: 39747
Ion Ratio Lower Upper
152 100
150 155.4 125.9 188.9
115 64.9 52.7 79.1



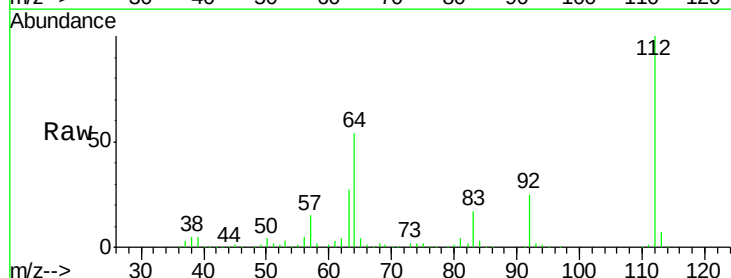
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



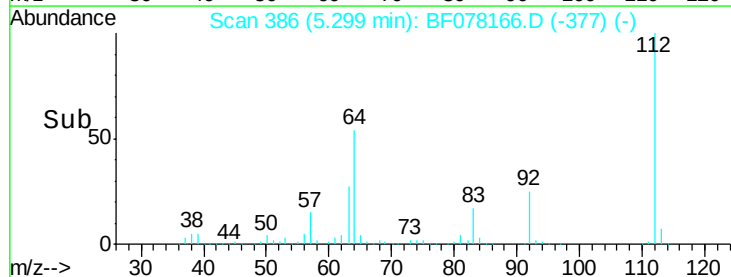
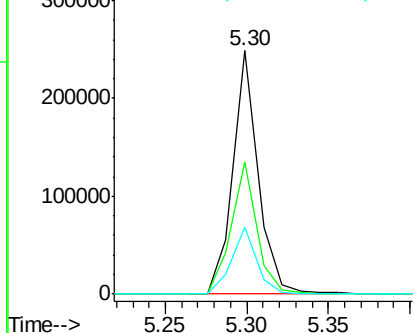
#5

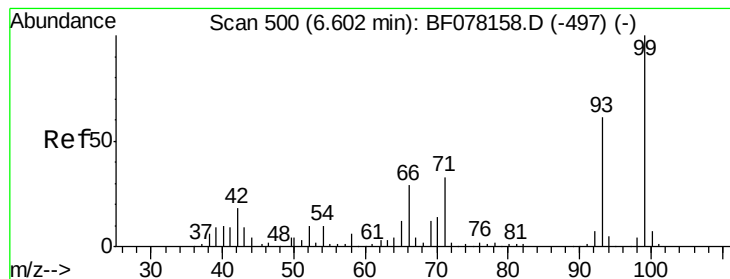
2-Fluorophenol
Concen: 110.46 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.00 min
Lab File: BF078166.D
Acq: 1 Apr 2015 21:57

Tgt Ion:112 Resp: 266278
Ion Ratio Lower Upper
112 100
64 54.2 39.9 59.9
63 27.5 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: 103.87 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

Instrument :

BNA_F

ClientSampleId :

PB82442BL

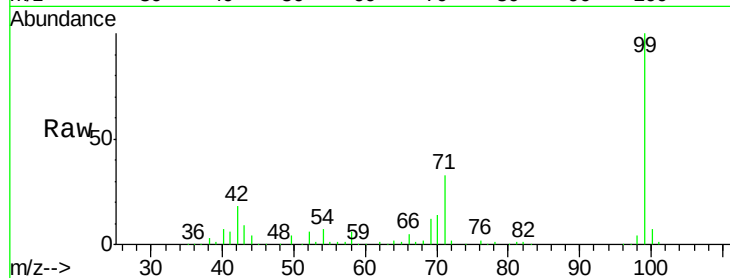
Tot Ion: 99 Resp: 313808

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 33.4 26.6 39.8

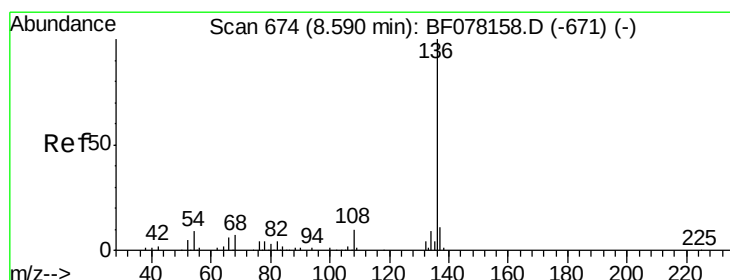
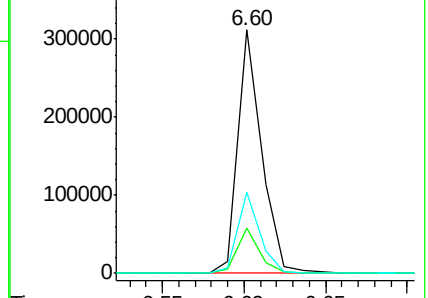
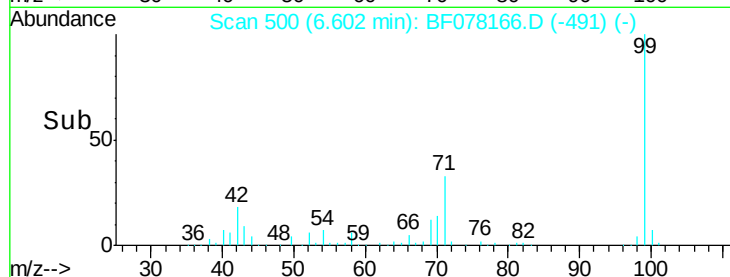


Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)

6.60



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

Tgt Ion: 136 Resp: 163889

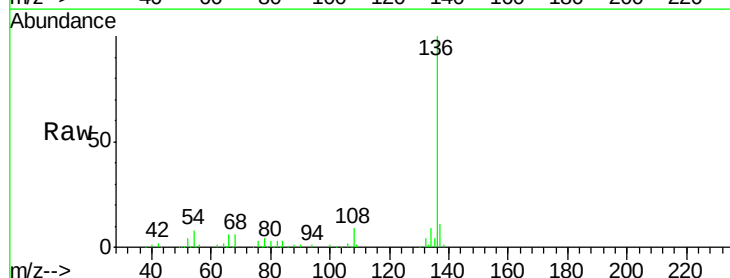
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.9 7.0 10.6

68 6.2 5.4 8.2



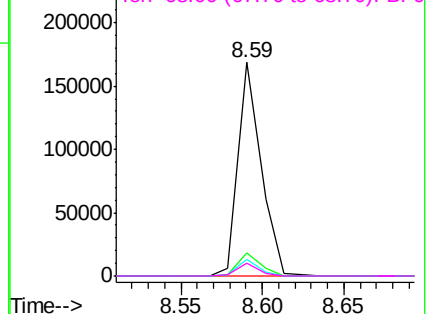
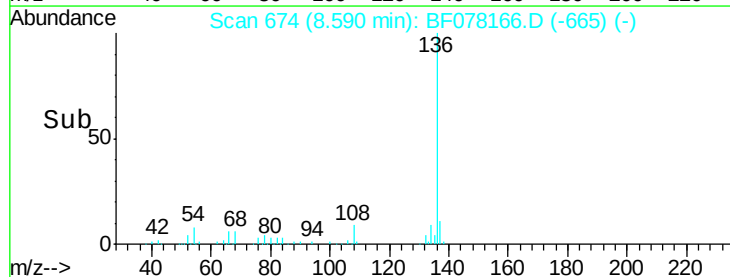
Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

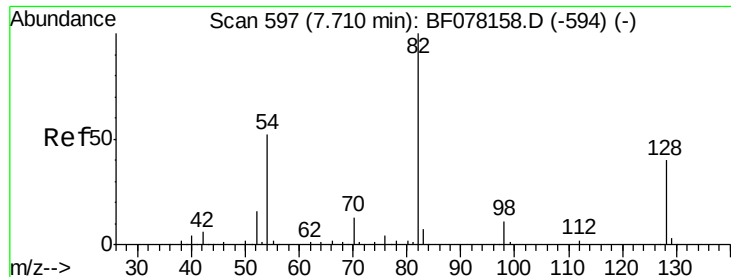
Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

8.59





#23

Nitrobenzene-d5

Concen: 67.26 ng

RT: 7.71 min Scan# 597

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

Instrument :

BNA_F

ClientSampleId :

PB82442BL

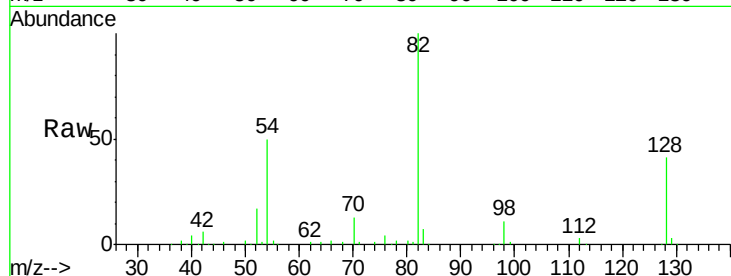
Tot Ion: 82 Resp: 181870

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.8

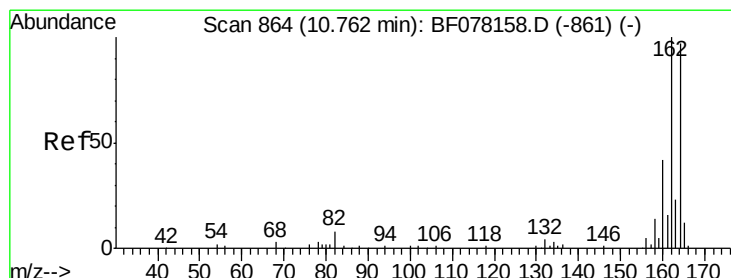
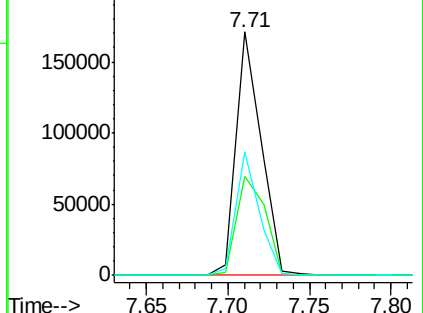
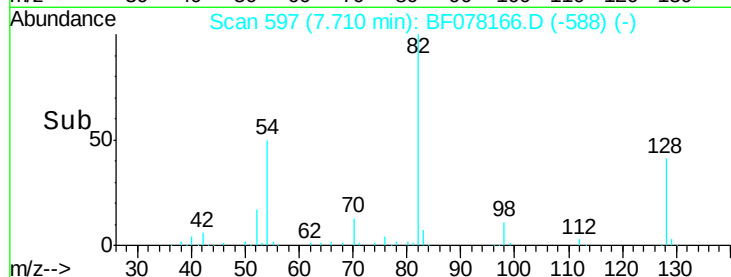
54 50.5 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-594) (-)

Ion 128.00 (127.70 to 128.70): BF078158.D (-594) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-594) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

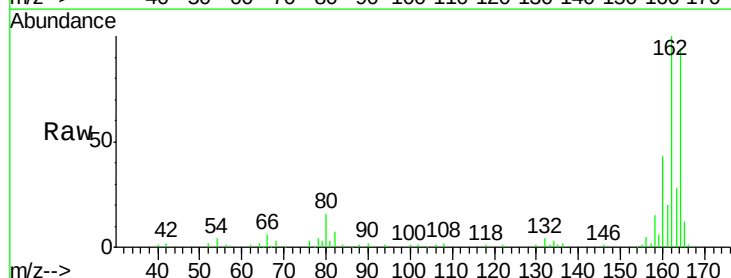
Tgt Ion: 164 Resp: 82087

Ion Ratio Lower Upper

164 100

162 106.0 82.2 123.2

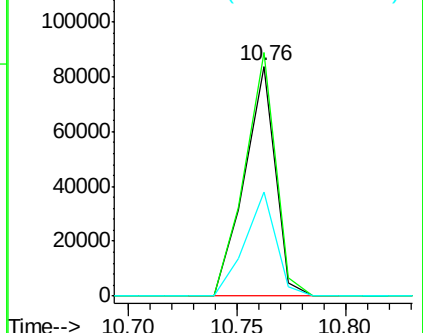
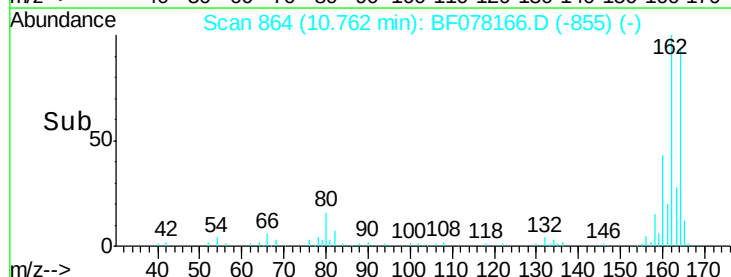
160 45.5 34.7 52.1

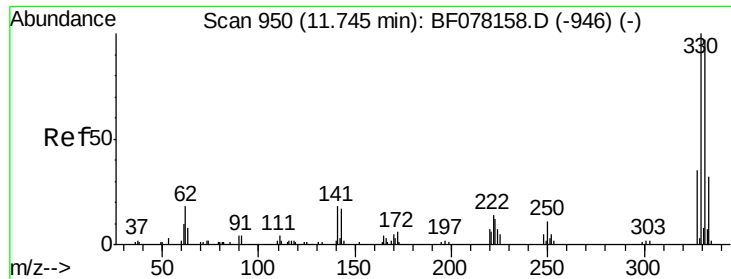


Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF078158.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF078158.D (-861) (-)

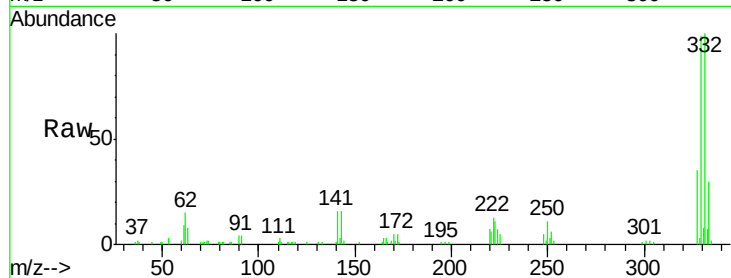




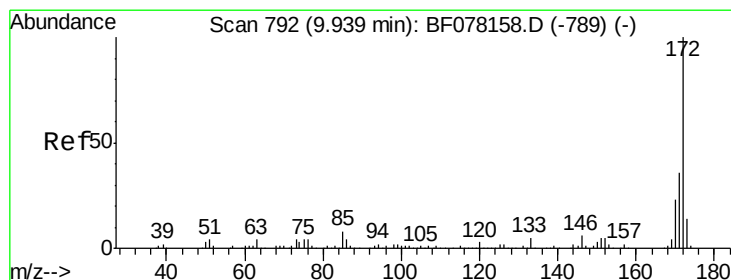
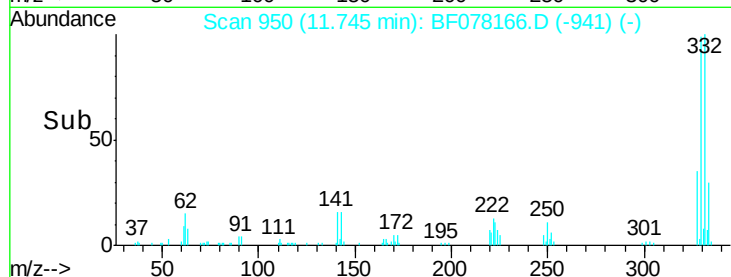
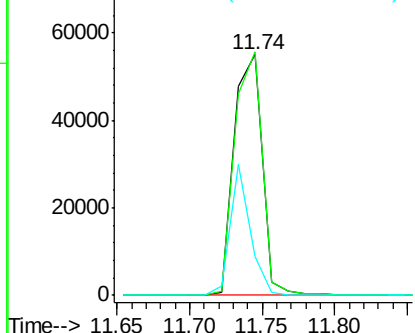
#41
 2,4,6-Tribromophenol
 Concen: 109.22 ng
 RT: 11.74 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078166.D
 Acq: 1 Apr 2015 21:57

Instrument :
 BNA_F
 ClientSampleId :
 PB82442BL

Tot Ion:330 Resp: 74360
 Ion Ratio Lower Upper
 330 100
 332 99.1 78.6 117.8
 141 38.4 31.2 46.8

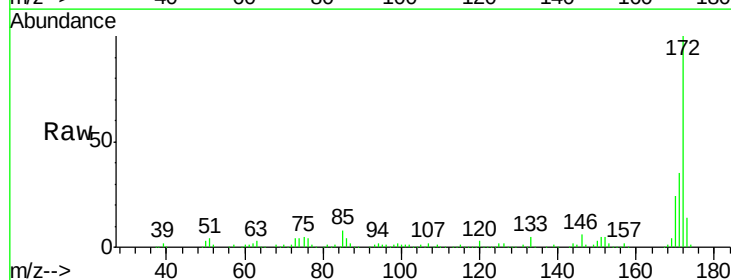


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

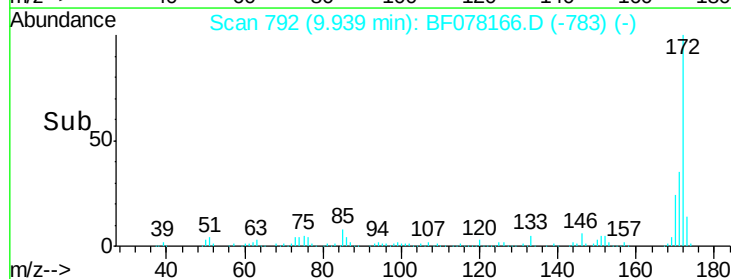
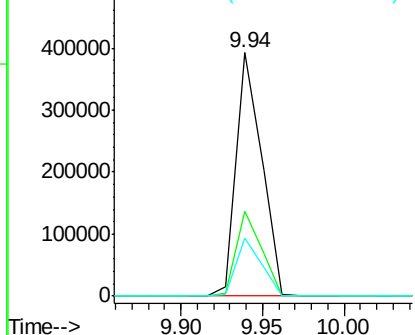


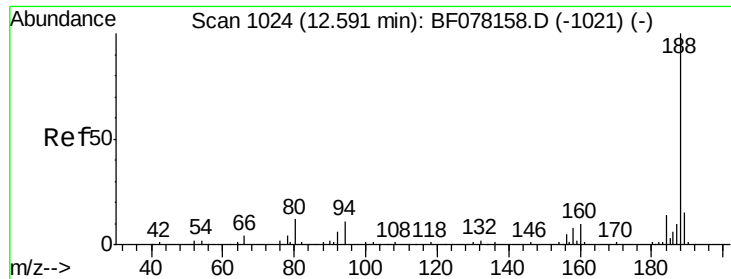
#44
 2-Fluorobiphenyl
 Concen: 73.31 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078166.D
 Acq: 1 Apr 2015 21:57

Tgt Ion:172 Resp: 420978
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.7 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: BF078166.D

Acq: 1 Apr 2015 21:57

Instrument :

BNA_F

ClientSampleId :

PB82442BL

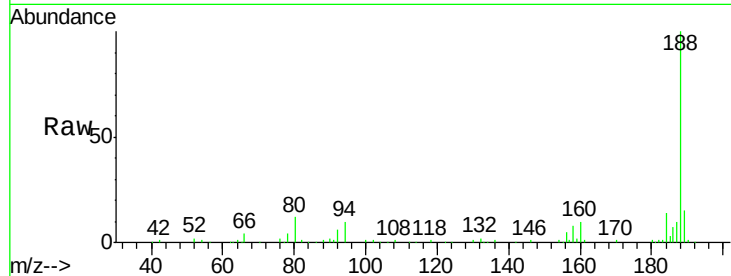
Tot Ion:188 Resp: 164727

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

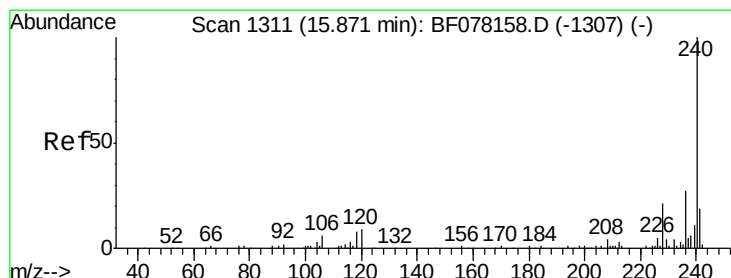
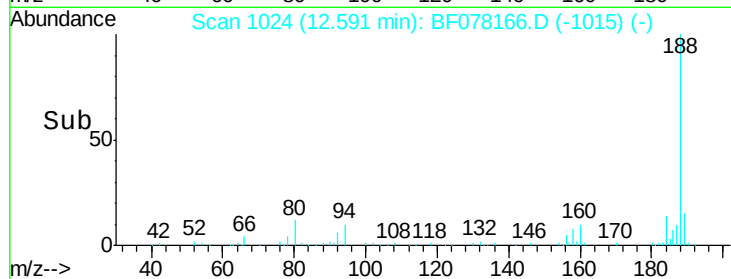
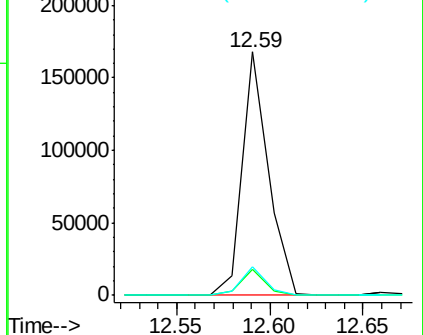
80 11.8 9.5 14.3



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: 15.87 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

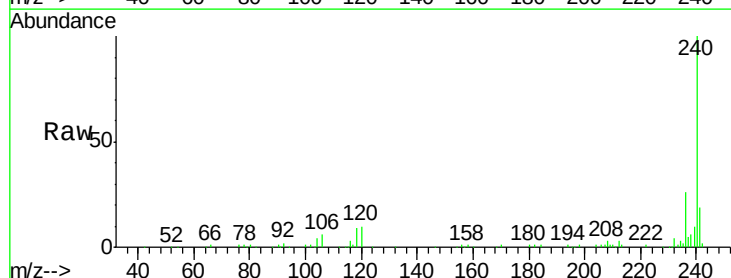
Tgt Ion:240 Resp: 166635

Ion Ratio Lower Upper

240 100

120 9.8 7.1 10.7

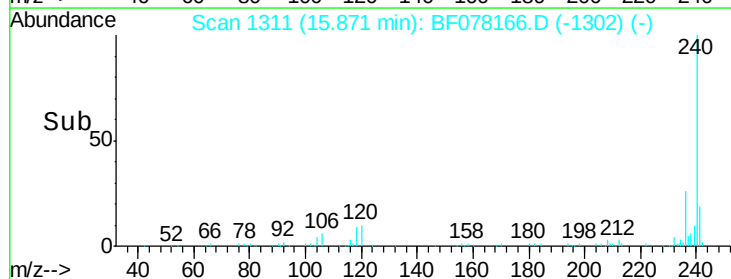
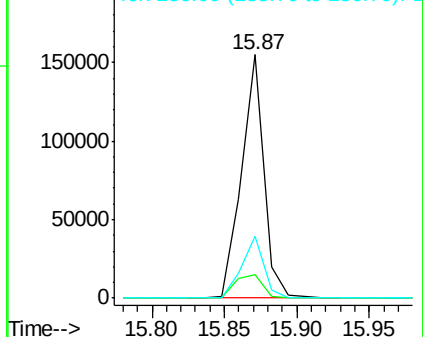
236 25.6 21.4 32.2

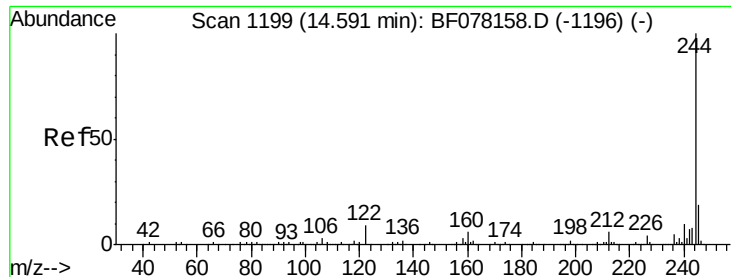


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.94 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

Instrument :

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PB82442BL

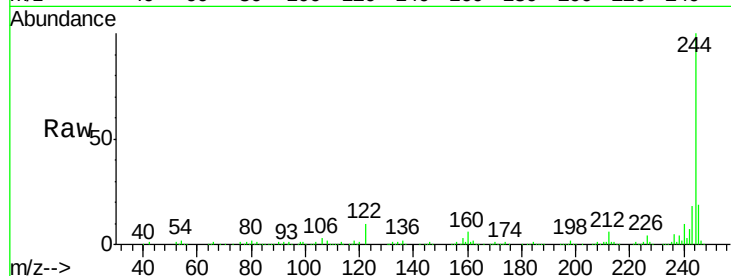
Tot Ion:244 Resp: 508372

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

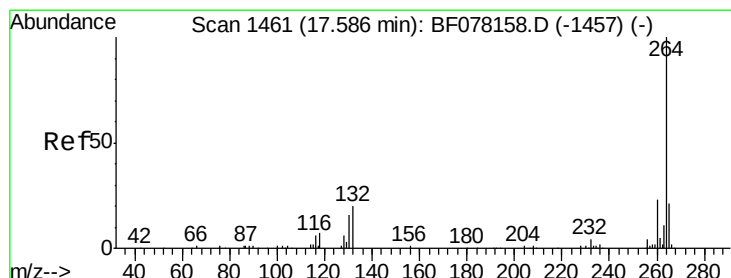
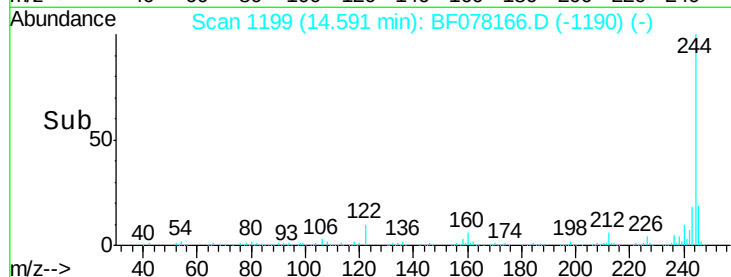
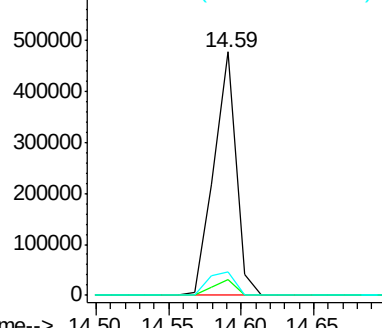
122 9.7 7.1 10.7



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: 17.61 min Scan# 1463

Delta R.T. 0.02 min

Lab File: BF078166.D

Acq: 1 Apr 2015 21:57

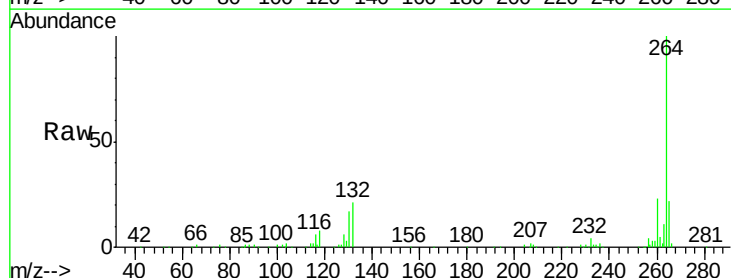
Tgt Ion:264 Resp: 159075

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 21.8 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

