

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078225.D
 Acq On : 3 Apr 2015 5:02
 Operator : TP/IZ
 Sample : G1736-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: Apr 03 05:44:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

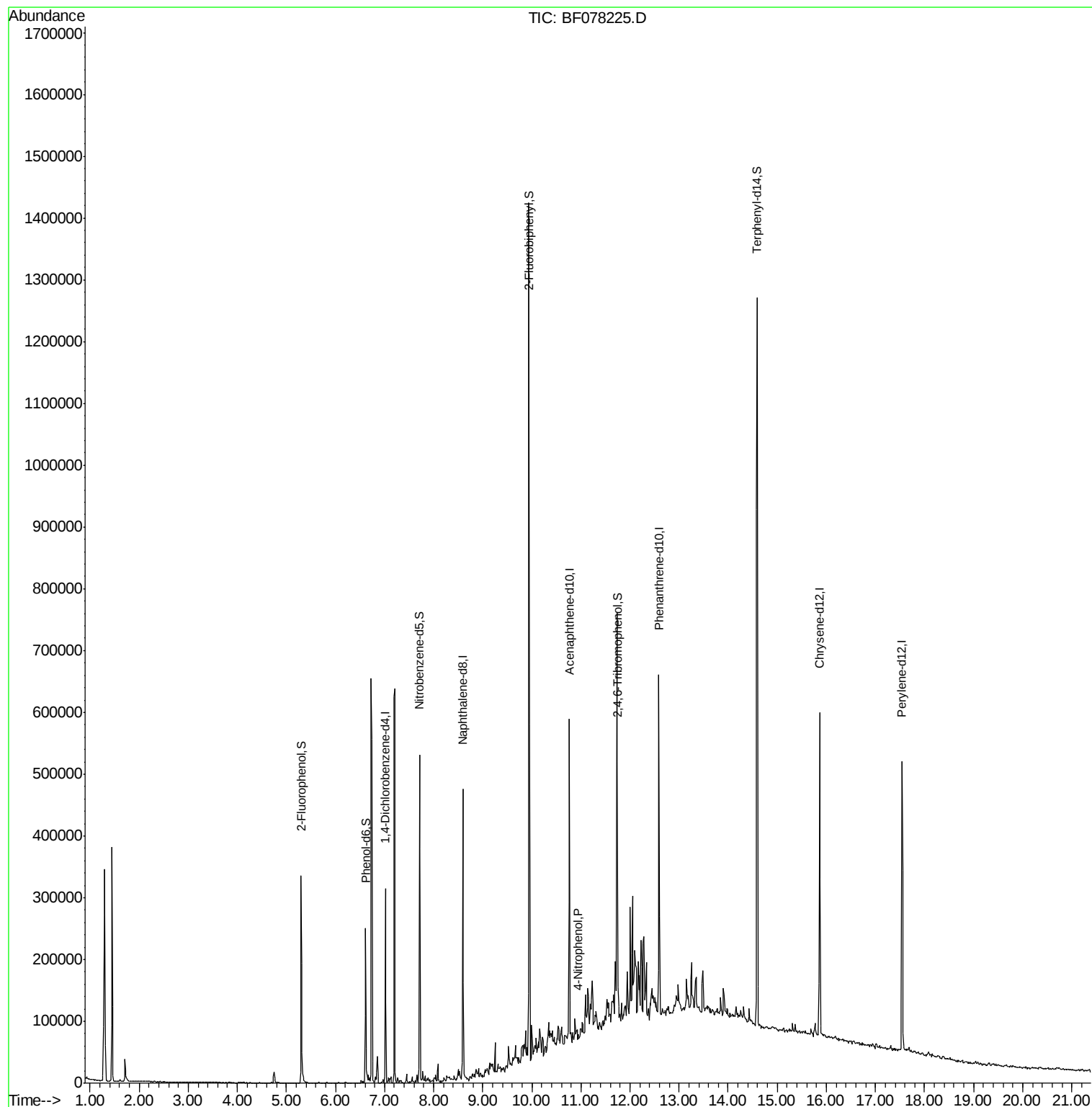
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	54476	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	221767	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	113671	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	211460	20.00	ng	0.00
75) Chrysene-d12	15.86	240	220201	20.00	ng	-0.02
86) Perylene-d12	17.54	264	216967	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	133137	40.30	ng	0.01
7) Phenol-d6	6.61	99	116502	28.14	ng	0.01
23) Nitrobenzene-d5	7.71	82	229934	62.85	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	92866	98.51	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	485387	61.04	ng	0.00
78) Terphenyl-d14	14.59	244	509619	52.30	ng	0.00
Target Compounds						
55) 4-Nitrophenol	10.95	139	638	3.18	ng	Qvalue # 1

(#) = 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: BF078225.D

Acq: 3 Apr 2015 5:02

Instrument :

BNA_F

ClientSampled :

MW-18

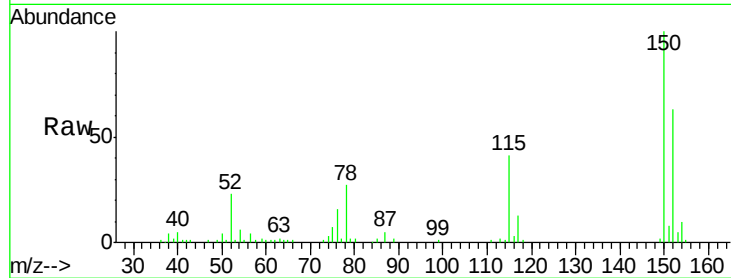
Tgt Ion:152 Resp: 54476

Ion Ratio Lower Upper

152 100

150 157.6 125.9 188.9

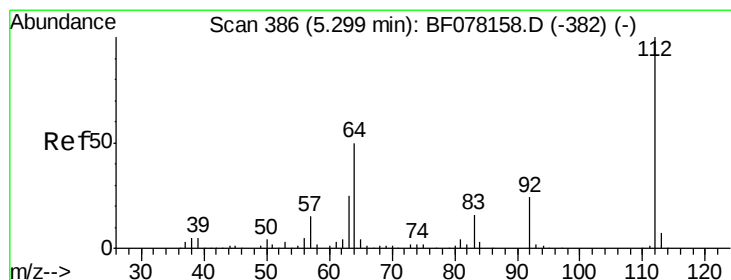
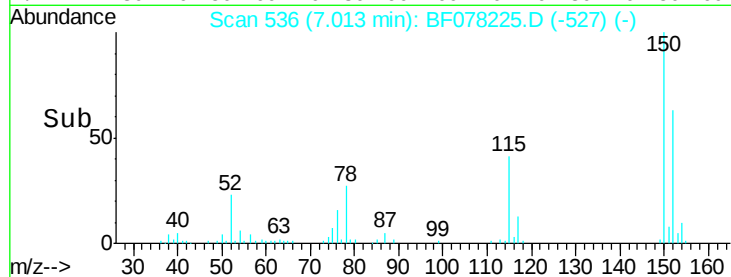
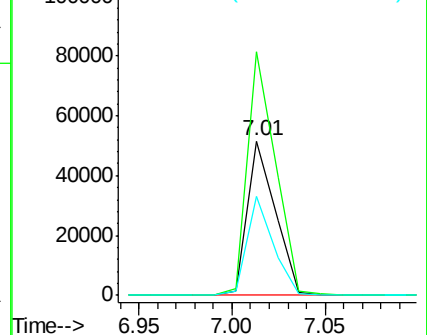
115 64.3 52.7 79.1



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: 40.30 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

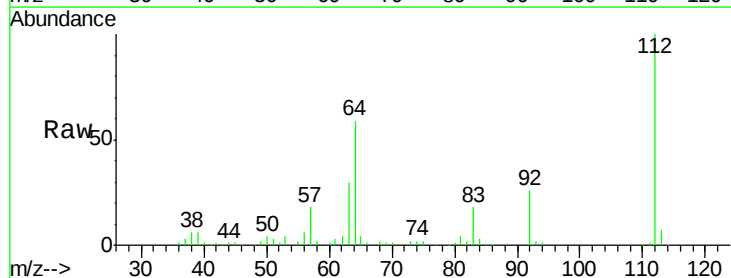
Tgt Ion:112 Resp: 133137

Ion Ratio Lower Upper

112 100

64 59.1 39.9 59.9

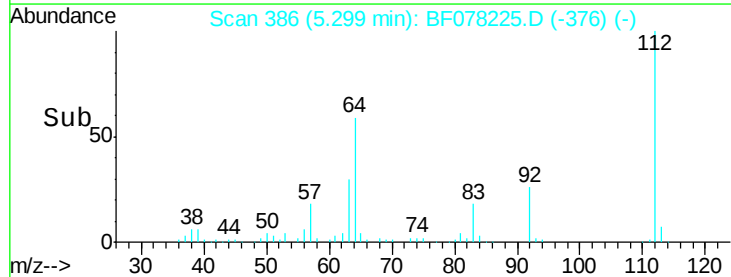
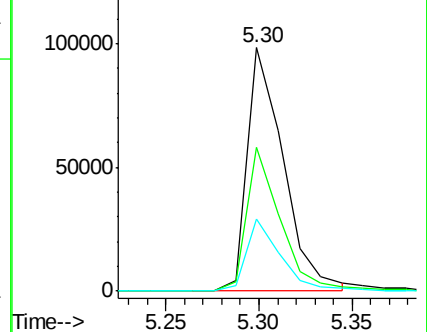
63 29.6 20.2 30.4



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: 28.14 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

Instrument :

BNA_F

ClientSampleId :

MW-18

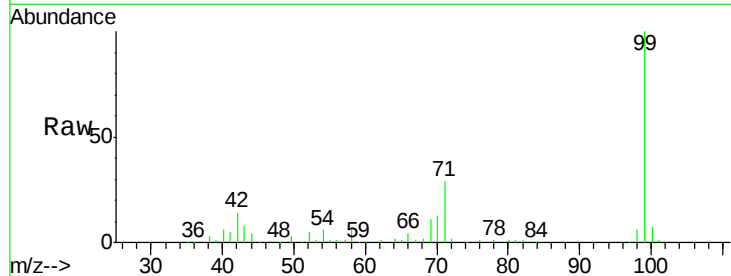
Tgt Ion: 99 Resp: 116502

Ion Ratio Lower Upper

99 100

42 14.3 14.8 22.2#

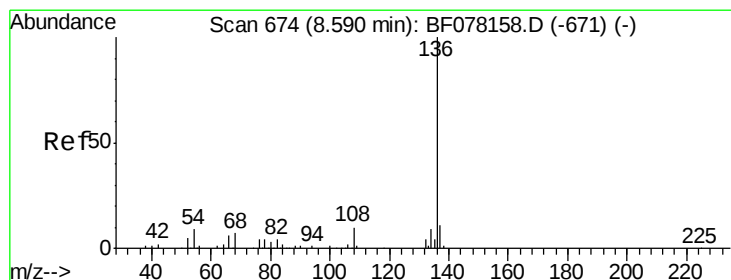
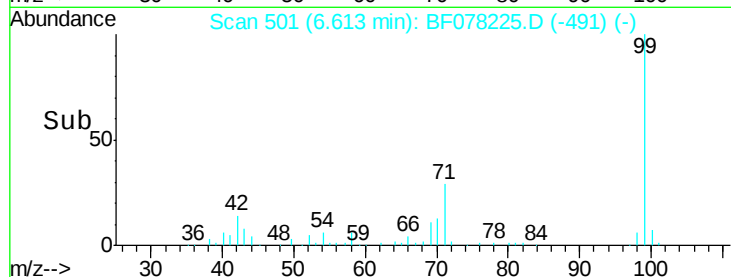
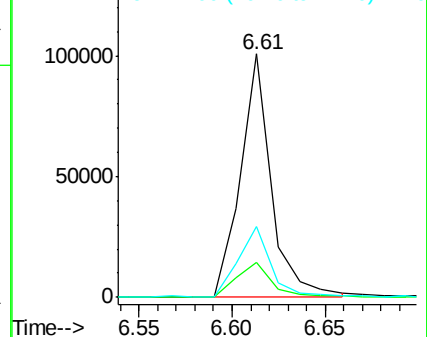
71 29.1 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

Tgt Ion: 136 Resp: 221767

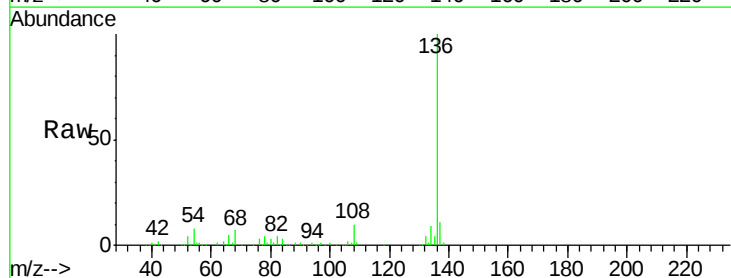
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.4 7.0 10.6

68 6.7 5.4 8.2

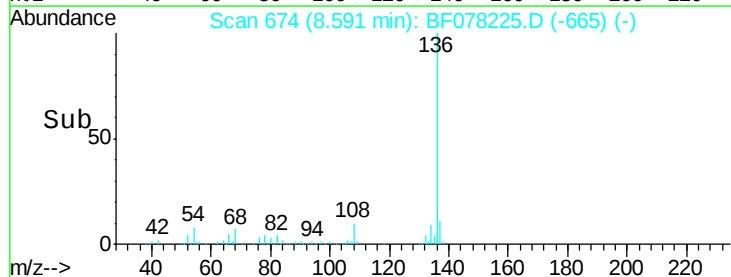
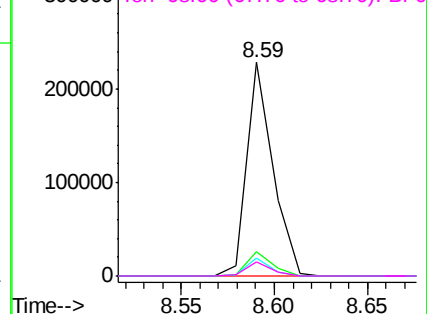


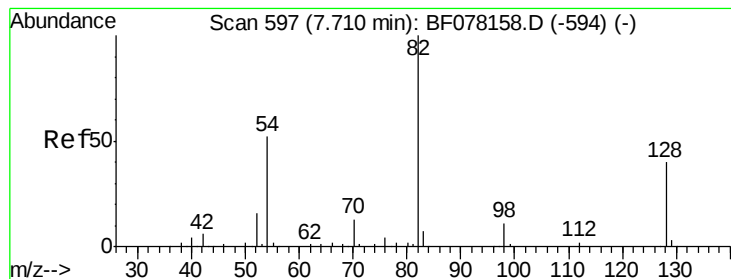
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.85 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

Instrument :

BNA_F

ClientSampleId :

MW-18

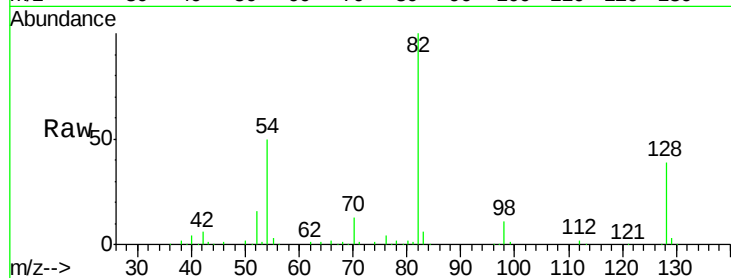
Tgt Ion: 82 Resp: 229934

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.8

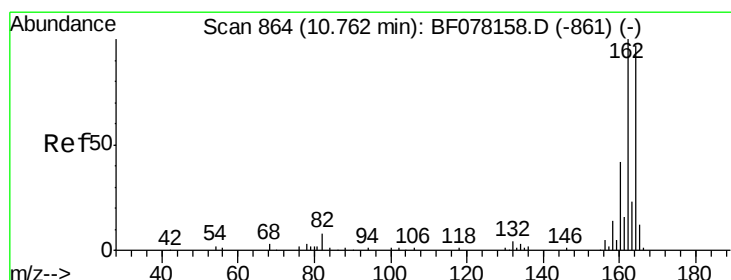
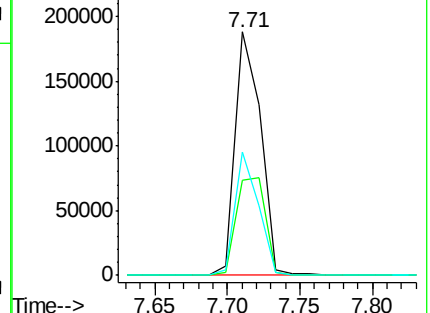
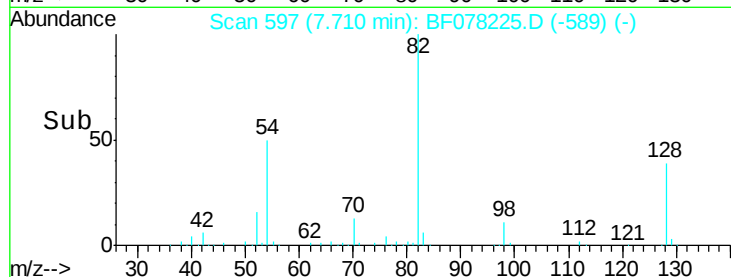
54 50.5 41.5 62.3



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: BF078225.D

Acq: 3 Apr 2015 5:02

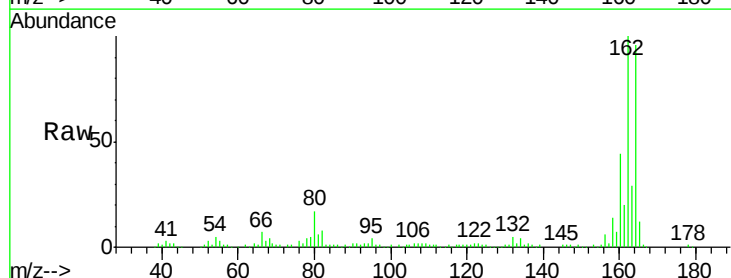
Tgt Ion: 164 Resp: 113671

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

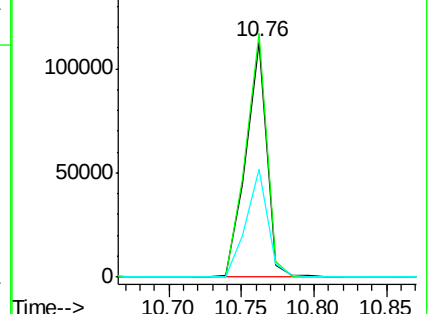
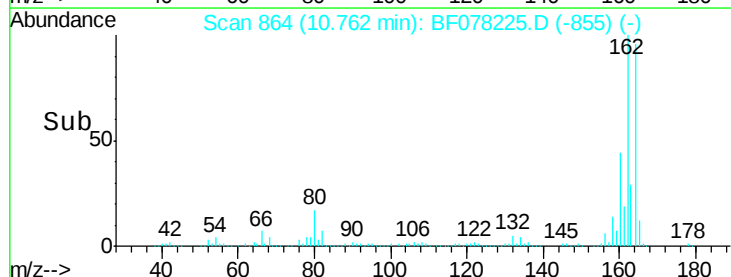
160 46.0 34.7 52.1

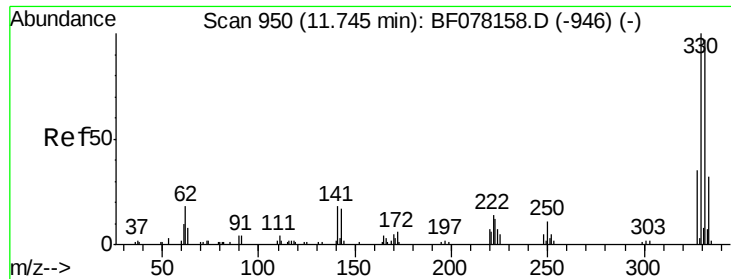


Abundance Ion 164.00 (163.70 to 164.70): BF078158.D (-861) (-)

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

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

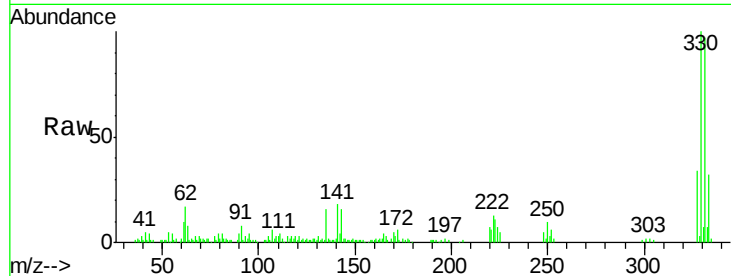




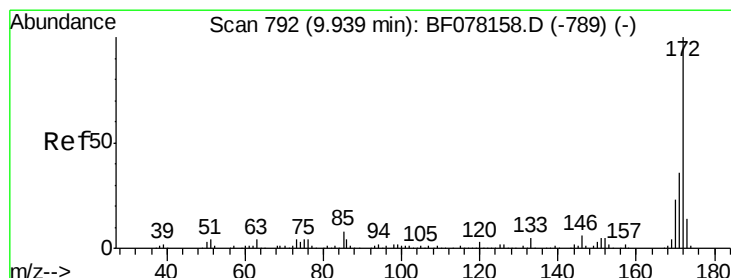
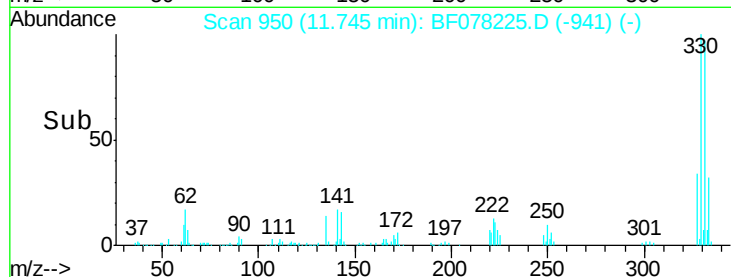
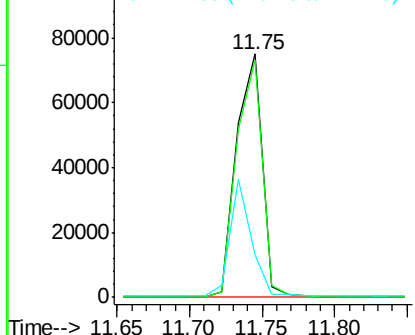
#41
 2,4,6-Tribromophenol
 Concen: 98.51 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078225.D
 Acq: 3 Apr 2015 5:02

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Tgt Ion: 330 Resp: 92866
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 39.5 31.2 46.8

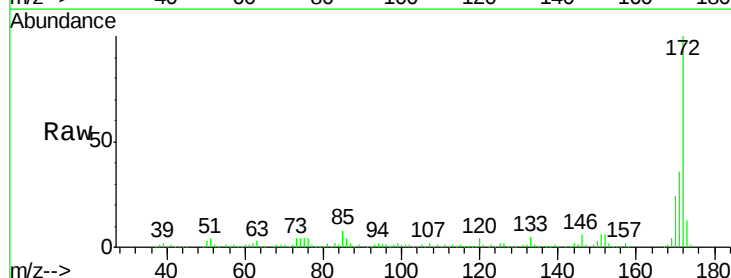


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

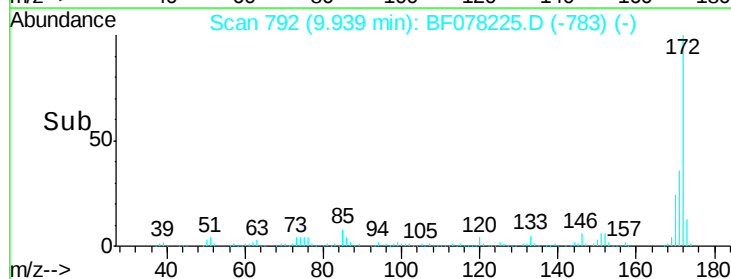
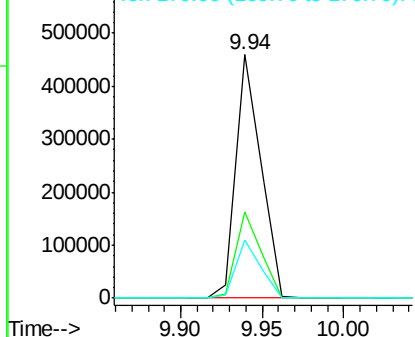


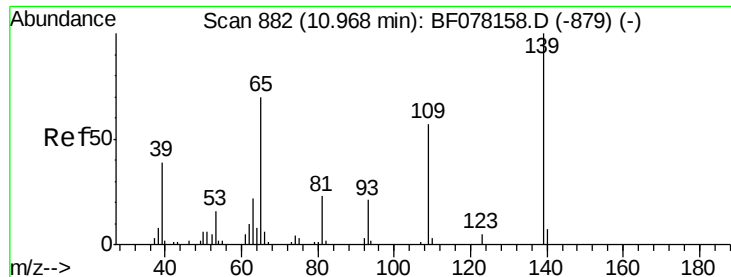
#44
 2-Fluorobiphenyl
 Concen: 61.04 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078225.D
 Acq: 3 Apr 2015 5:02

Tgt Ion: 172 Resp: 485387
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.8 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

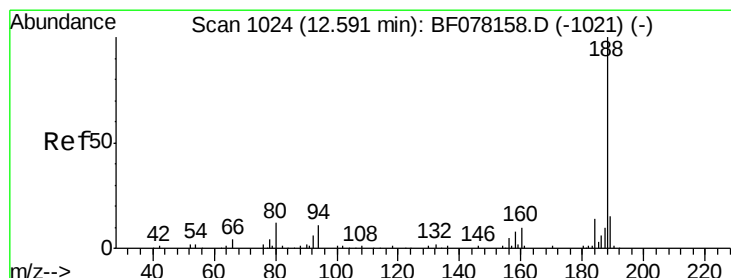
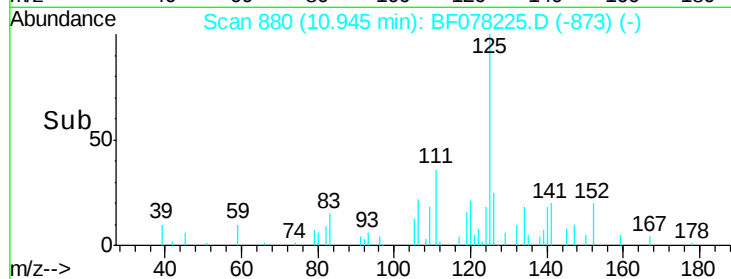
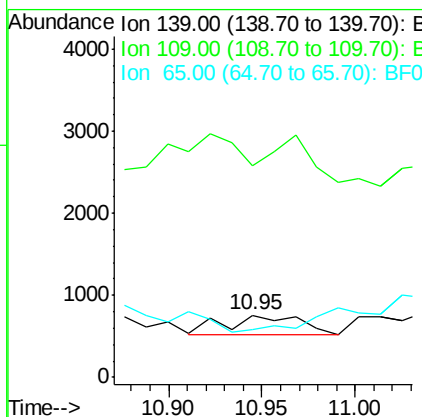
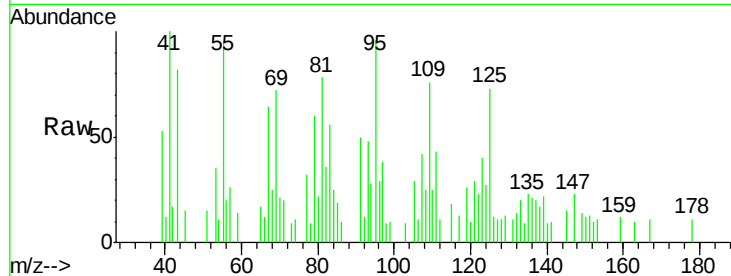




#55
4-Nitrophenol
Concen: 3.18 ng
RT: 10.95 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF078225.D
Acq: 3 Apr 2015 5:02

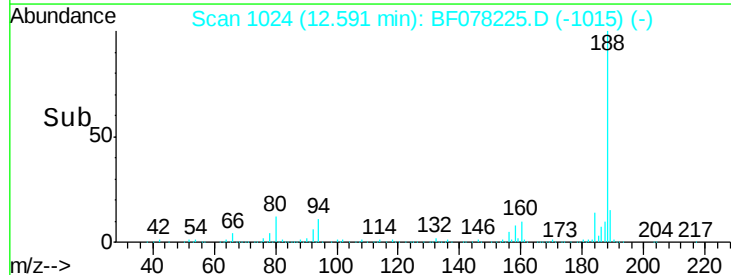
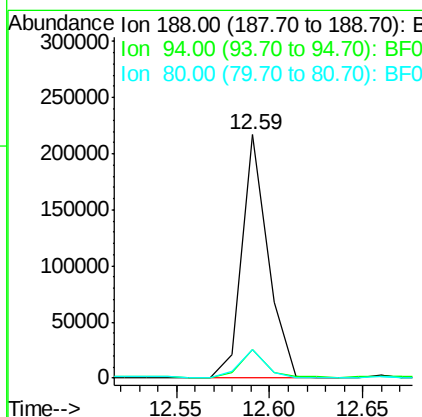
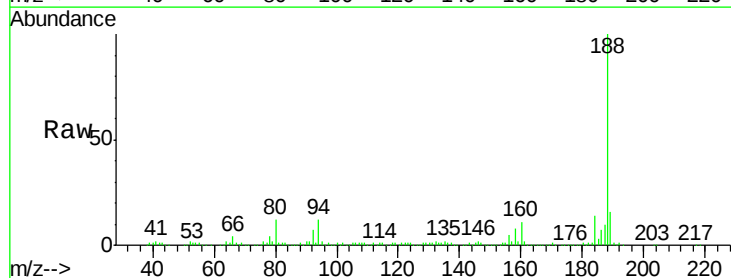
Instrument :
BNA_F
ClientSampleId :
MW-18

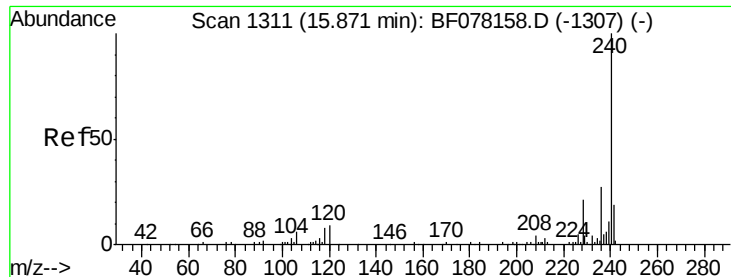
Tgt Ion:139 Resp: 638
Ion Ratio Lower Upper
139 100
109 340.0 36.7 76.7#
65 77.7 49.9 89.9



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078225.D
Acq: 3 Apr 2015 5:02

Tgt Ion:188 Resp: 211460
Ion Ratio Lower Upper
188 100
94 11.5 9.0 13.4
80 11.9 9.5 14.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

Instrument :

BNA_F

ClientSampled :

MW-18

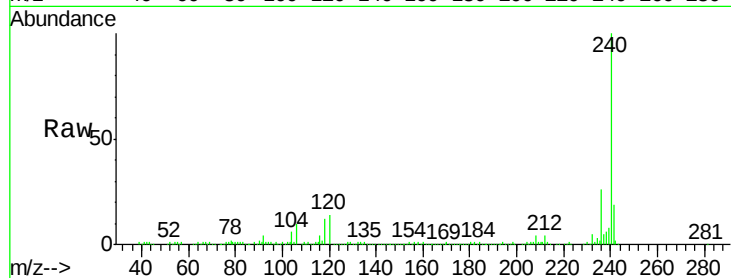
Tgt Ion:240 Resp: 220201

Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

236 25.6 21.4 32.2

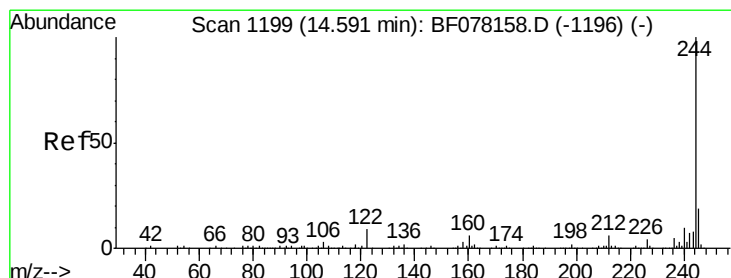
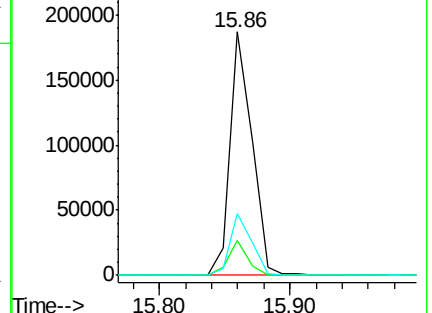
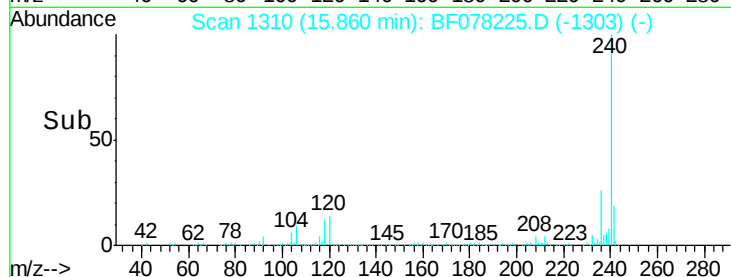


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

15.86



#78

Terphenyl-d14

Concen: 52.30 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078225.D

Acq: 3 Apr 2015 5:02

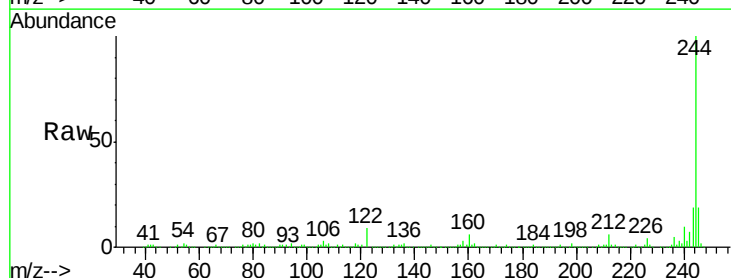
Tgt Ion:244 Resp: 509619

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 9.5 7.1 10.7

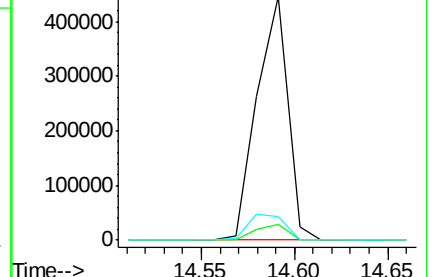
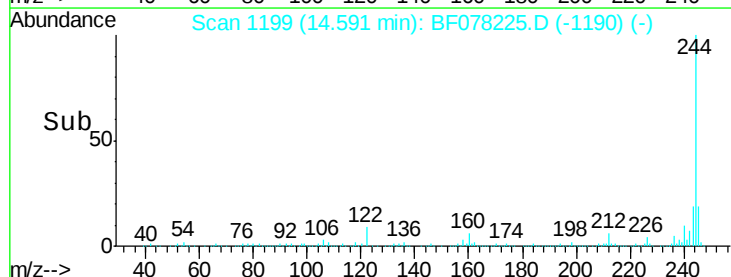


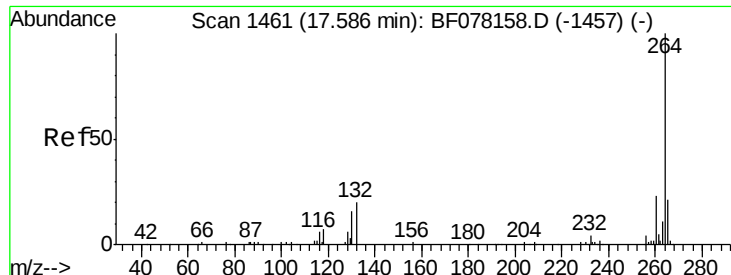
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

14.59

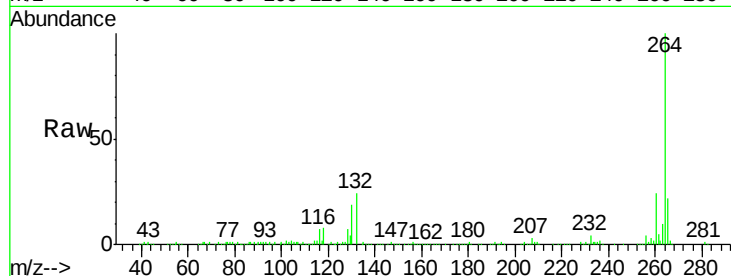




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.13 min
Lab File: BF078225.D
Acq: 3 Apr 2015 5:02

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion: 264 Resp: 216967
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 21.7 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

