

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078212.D
 Acq On : 2 Apr 2015 21:10
 Operator : TP/IZ
 Sample : G1710-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07R

Quant Time: Apr 03 00:18:29 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

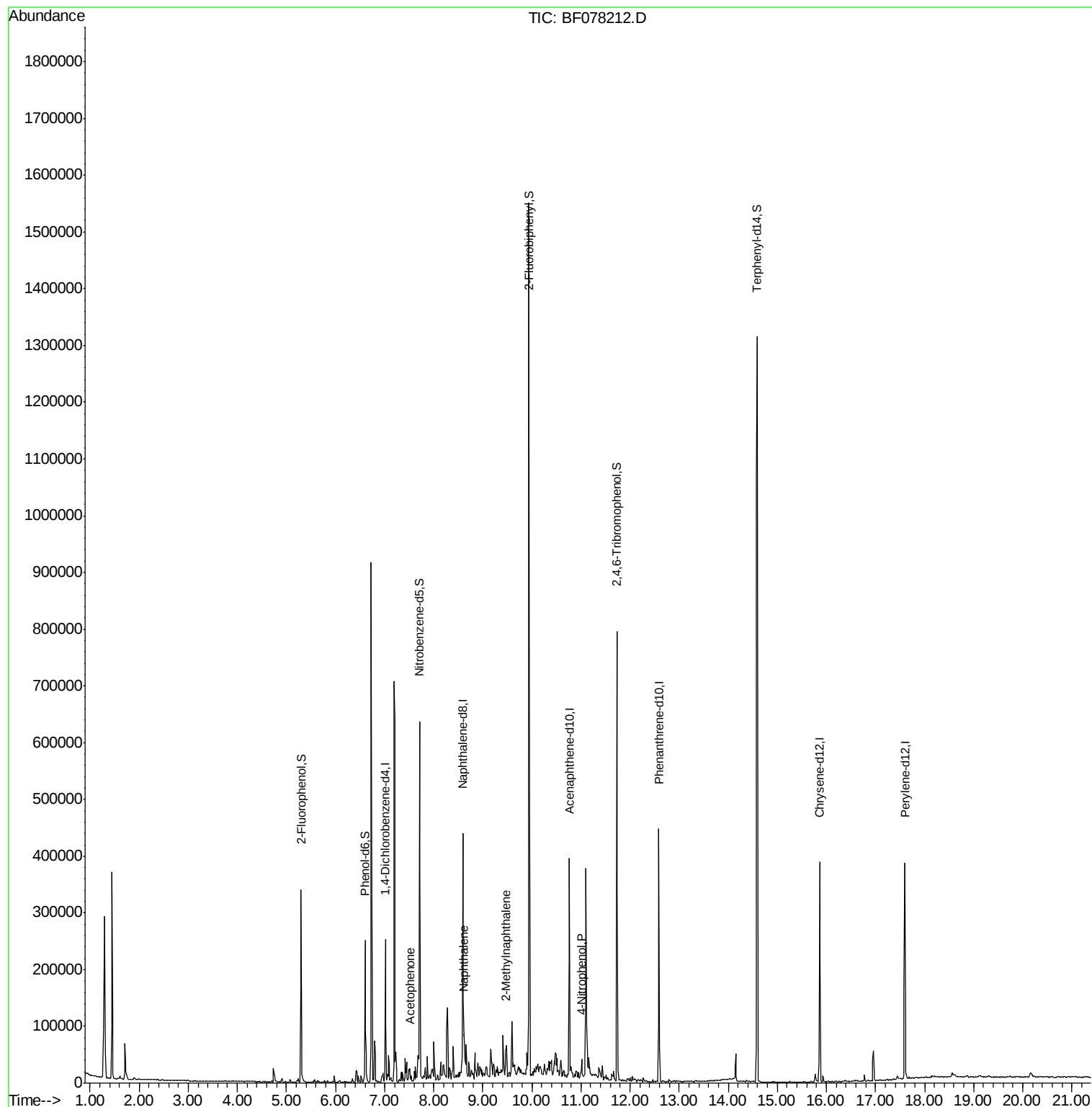
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	43842	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	175170	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	89687	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	173270	20.00	ng	0.00
75) Chrysene-d12	15.86	240	176939	20.00	ng	-0.02
86) Perylene-d12	17.60	264	169776	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	130508	49.08	ng	0.01
7) Phenol-d6	6.60	99	98769	29.64	ng	0.00
23) Nitrobenzene-d5	7.71	82	241963	83.73	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	100132	134.62	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	518462	82.63	ng	0.00
78) Terphenyl-d14	14.59	244	610866	78.01	ng	0.00
Target Compounds						
22) Acetophenone	7.52	105	13752	3.37	ng	# 63
31) Naphthalene	8.61	128	48365	5.30	ng	97
37) 2-Methylnaphthalene	9.48	142	17654	2.85	ng	96
55) 4-Nitrophenol	11.01	139	4524	6.53	ng	# 23

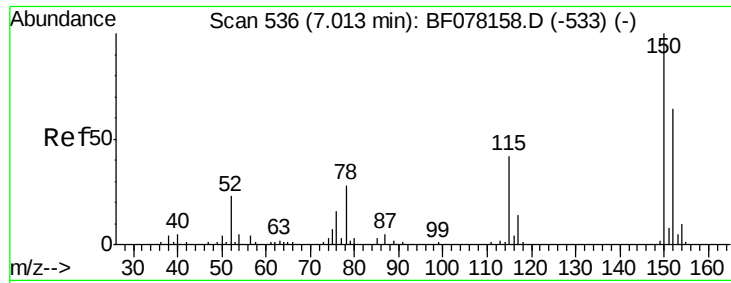
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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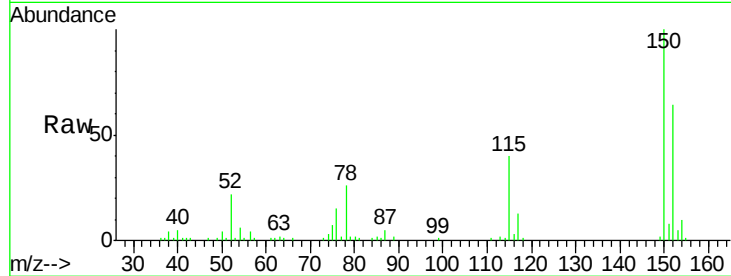


#1

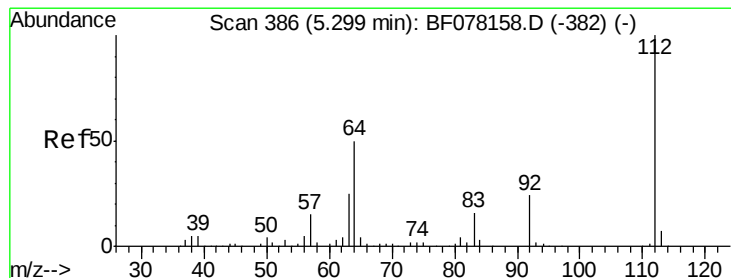
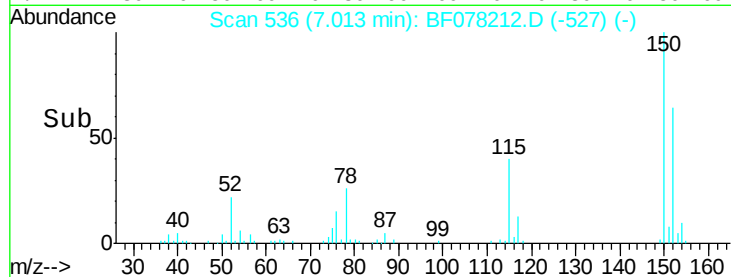
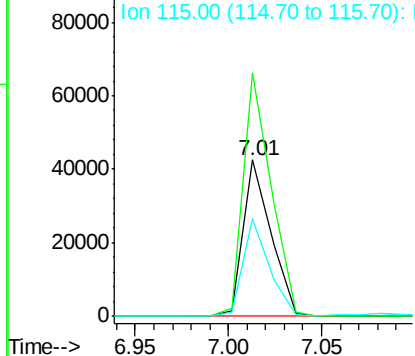
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Instrument :
BNA_F
ClientSampleId :
W-07R

Tgt Ion:152 Resp: 43842
Ion Ratio Lower Upper
152 100
150 155.8 125.9 188.9
115 62.3 52.7 79.1



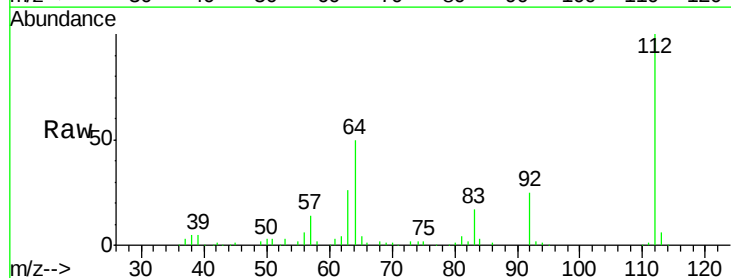
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



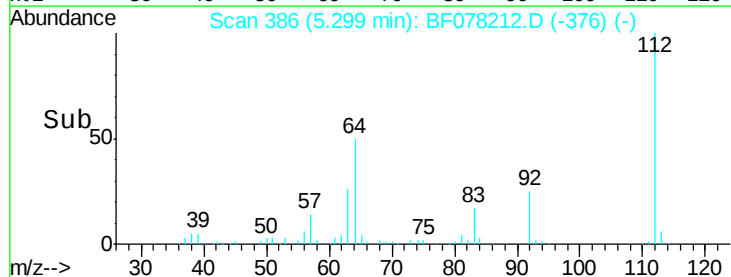
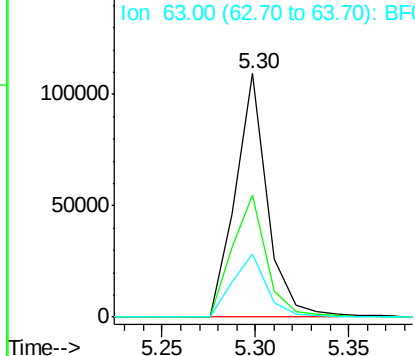
#5

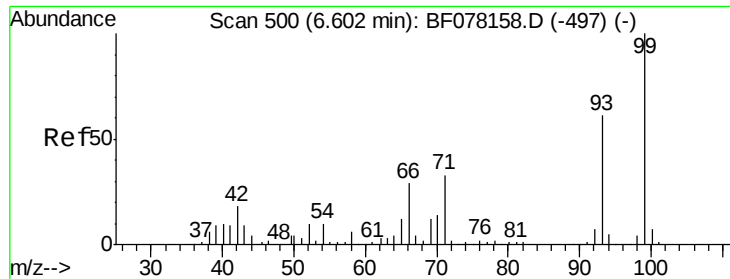
2-Fluorophenol
Concen: 49.08 ng
RT: 5.30 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Tgt Ion:112 Resp: 130508
Ion Ratio Lower Upper
112 100
64 50.4 39.9 59.9
63 25.9 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: 29.64 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

Instrument :

BNA_F

ClientSampleId :

W-07R

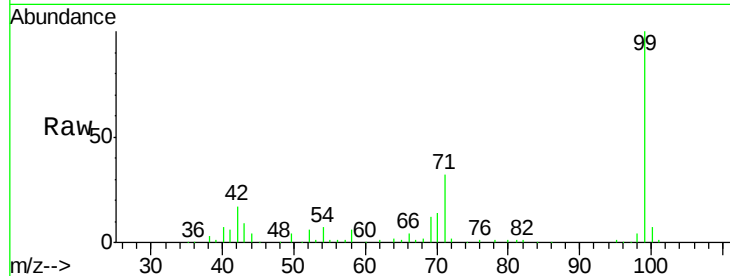
Tgt Ion: 99 Resp: 98769

Ion Ratio Lower Upper

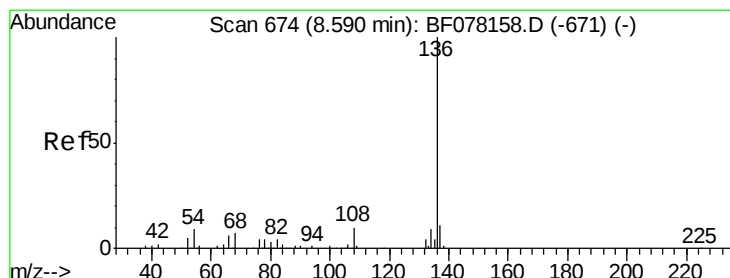
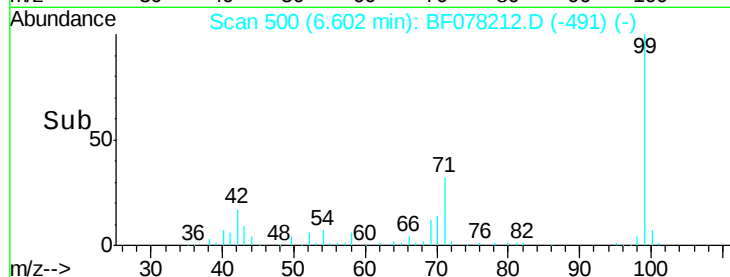
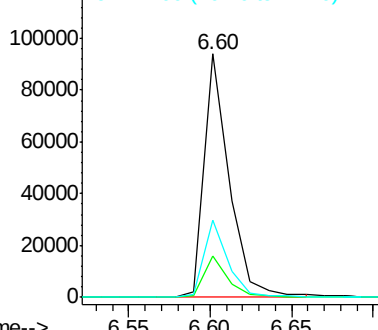
99 100

42 16.8 14.8 22.2

71 31.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

Tgt Ion: 136 Resp: 175170

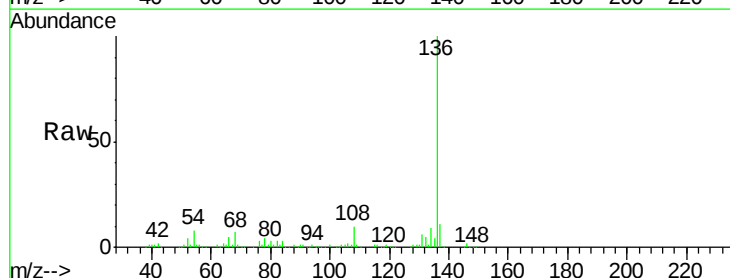
Ion Ratio Lower Upper

136 100

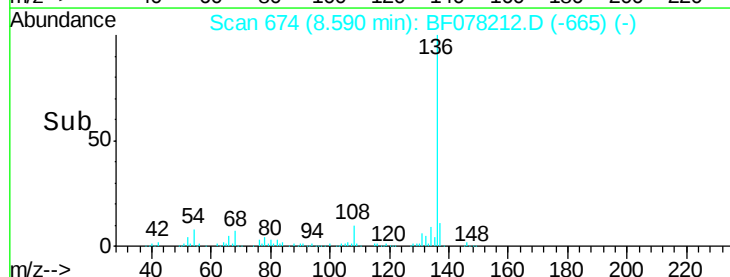
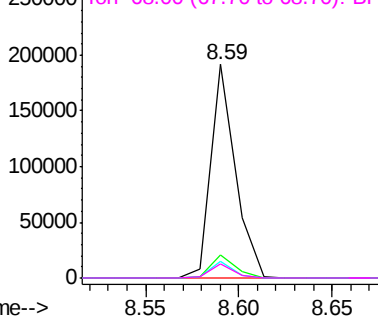
137 10.9 9.0 13.4

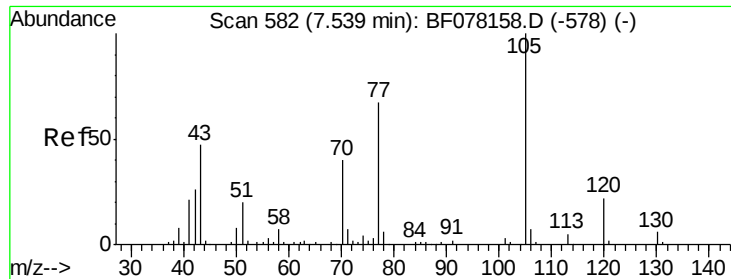
54 7.8 7.0 10.6

68 6.6 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

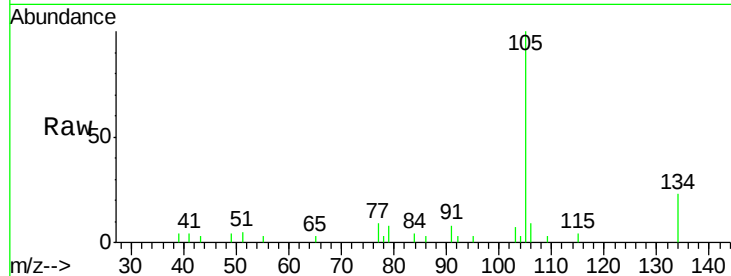




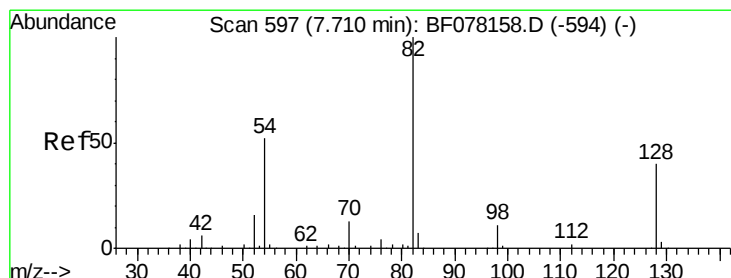
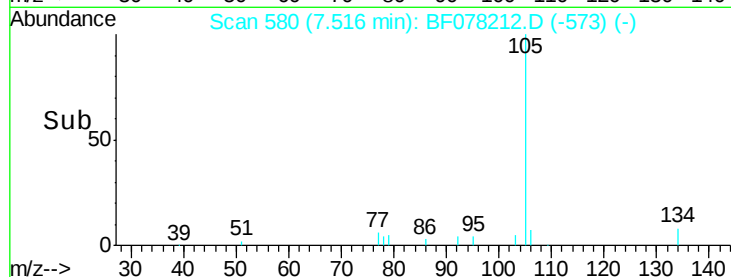
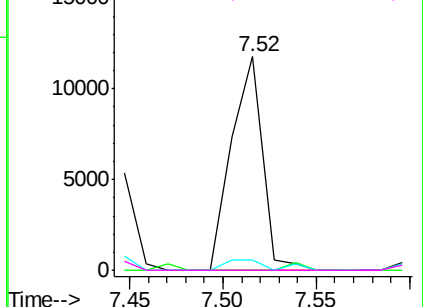
#22
Acetophenone
Concen: 3.37 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Instrument :
BNA_F
ClientSampleId :
W-07R

Tgt Ion: 105 Resp: 13752
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 5.0 16.0 24.0#
120 0.0 17.8 26.6#

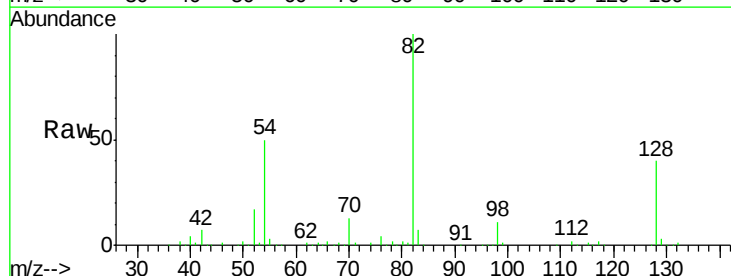


Abundance Ion 105.00 (104.70 to 105.70): E

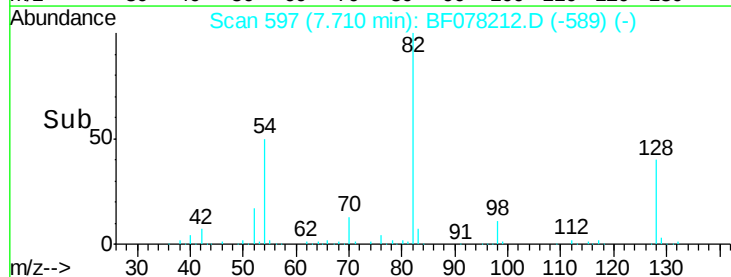
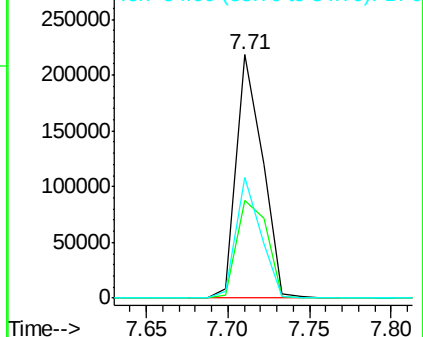


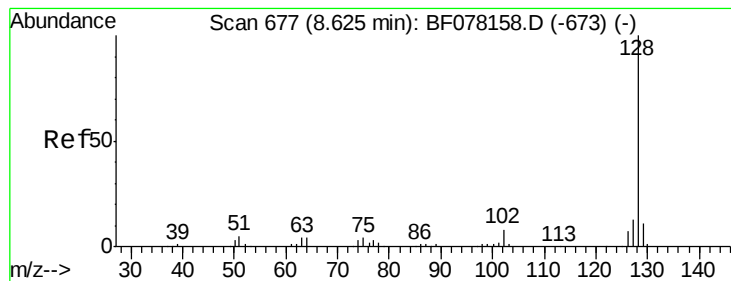
#23
Nitrobenzene-d5
Concen: 83.73 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Tgt Ion: 82 Resp: 241963
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.8
54 49.8 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





#31

Naphthalene

Concen: 5.30 ng

RT: 8.61 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

Instrument :

BNA_F

ClientSampleId :

W-07R

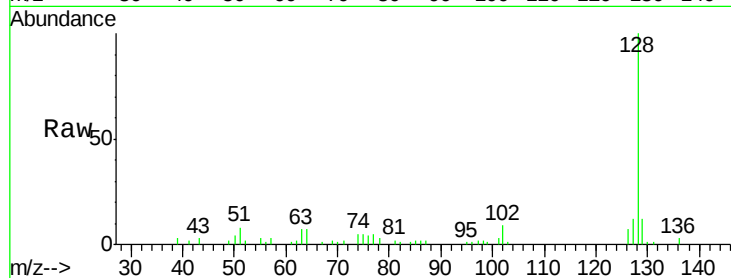
Tgt Ion:128 Resp: 48365

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

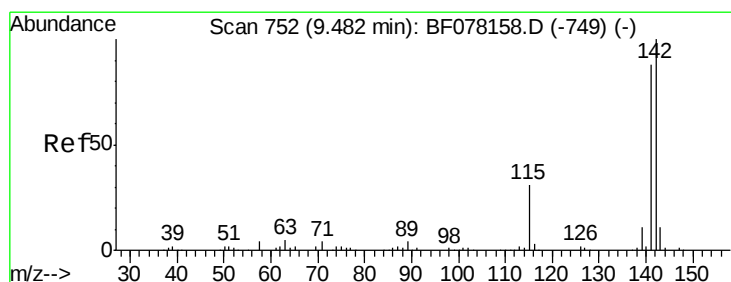
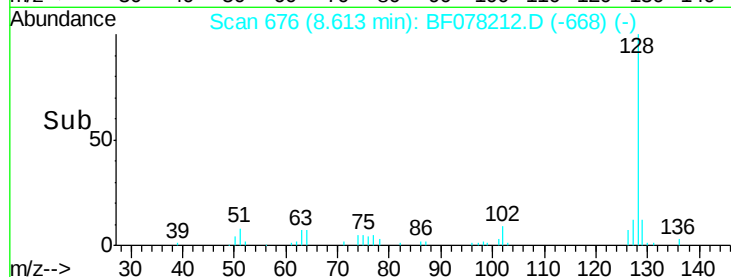
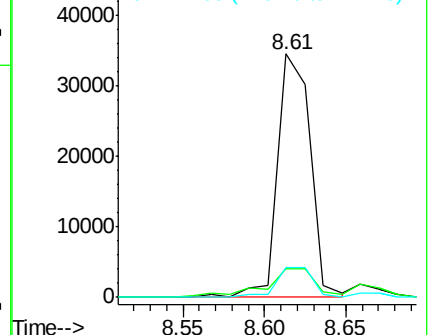
127 12.2 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.85 ng

RT: 9.48 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

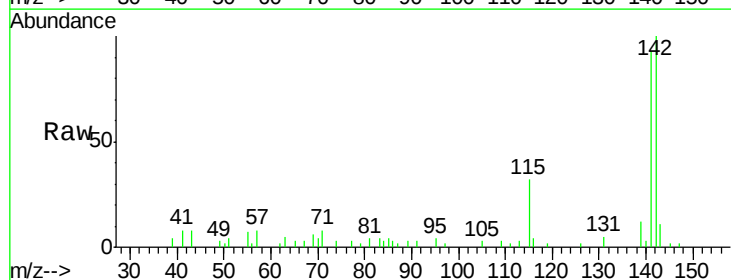
Tgt Ion:142 Resp: 17654

Ion Ratio Lower Upper

142 100

141 92.7 70.3 105.5

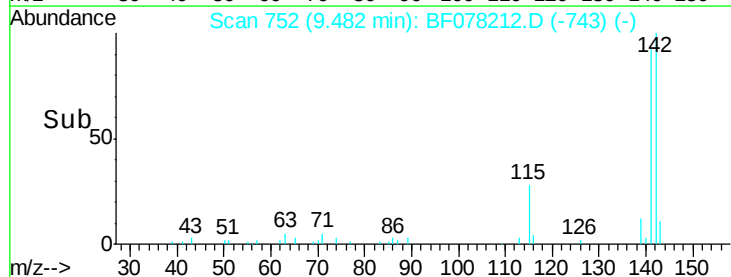
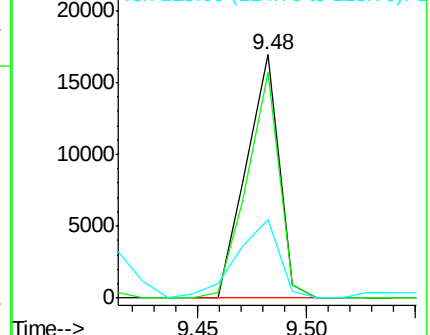
115 32.0 24.6 37.0

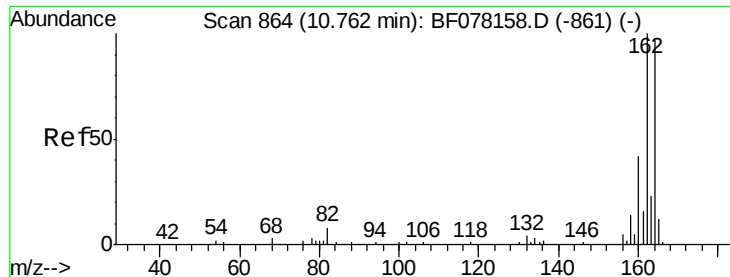


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

Instrument :

BNA_F

ClientSampleId :

W-07R

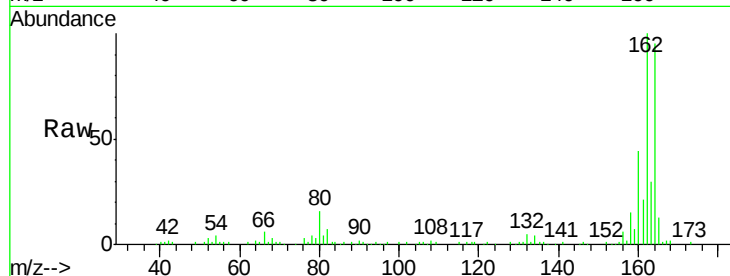
Tgt Ion:164 Resp: 89687

Ion Ratio Lower Upper

164 100

162 105.8 82.2 123.2

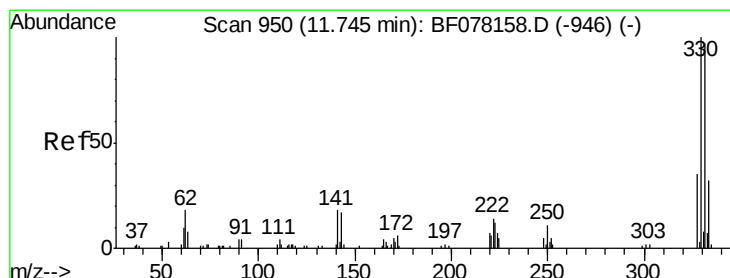
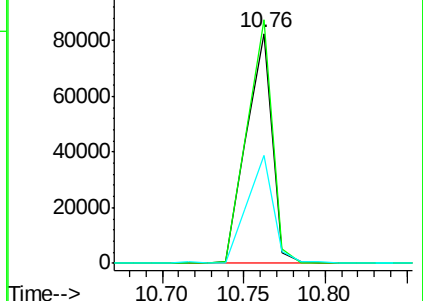
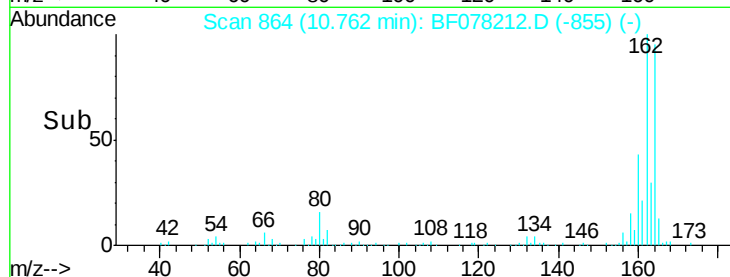
160 46.6 34.7 52.1



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: 134.62 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF078212.D

Acq: 2 Apr 2015 21:10

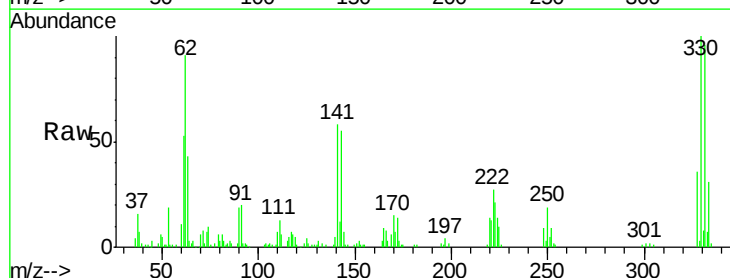
Tgt Ion:330 Resp: 100132

Ion Ratio Lower Upper

330 100

332 96.6 78.6 117.8

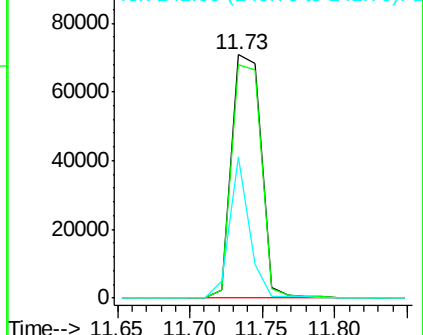
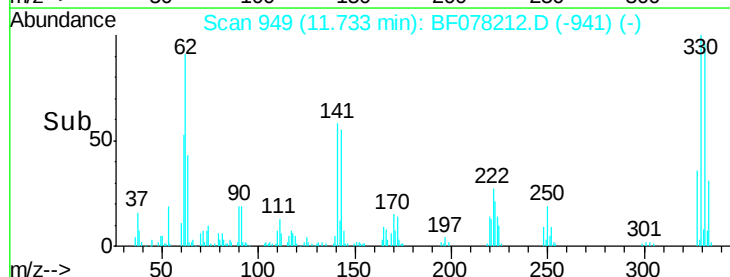
141 39.1 31.2 46.8

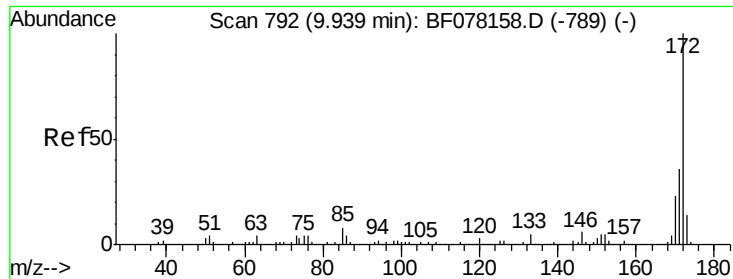


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

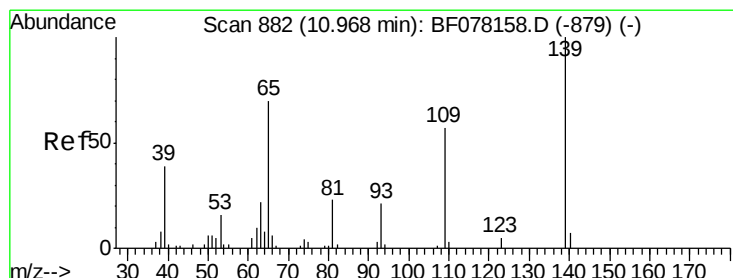
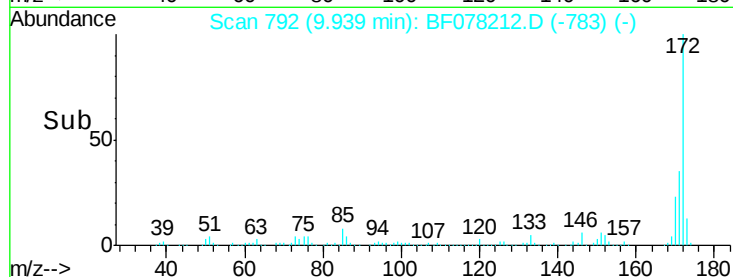
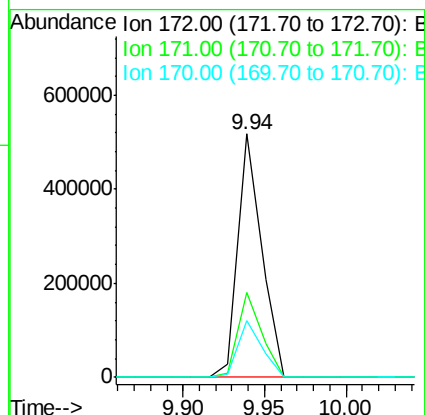
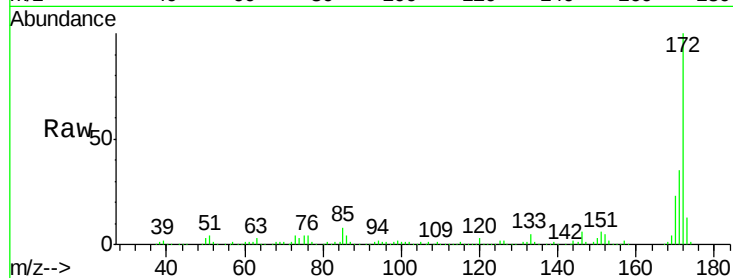




#44
 2-Fluorobiphenyl
 Concen: 82.63 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078212.D
 Acq: 2 Apr 2015 21:10

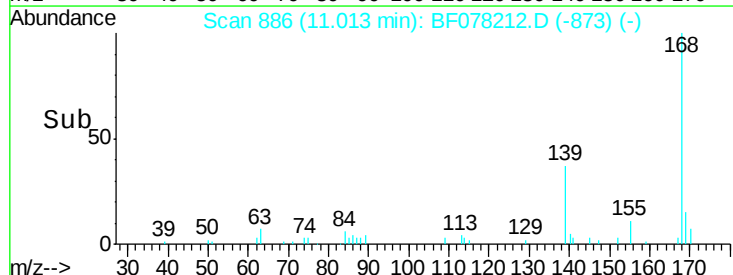
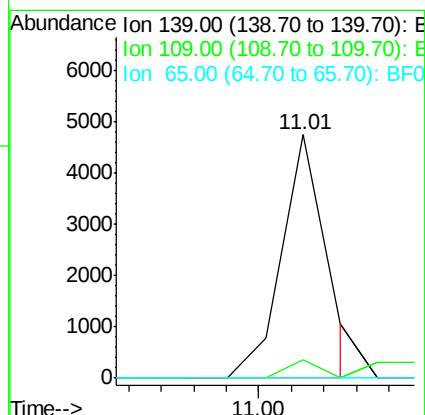
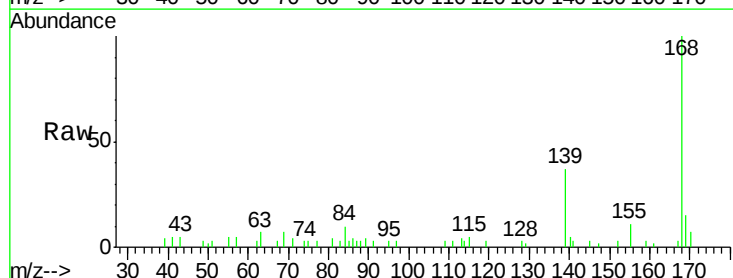
Instrument :
 BNA_F
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 W-07R

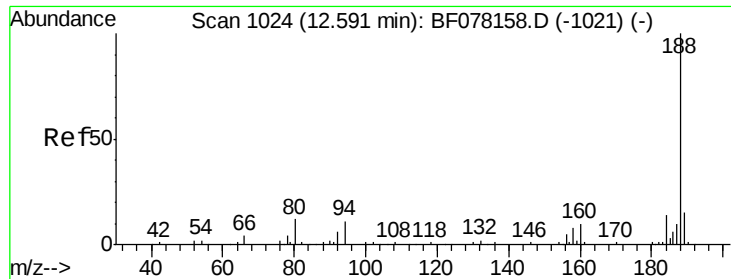
Tgt Ion:172 Resp: 518462
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.3 18.5 27.7



#55
 4-Nitrophenol
 Concen: 6.53 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.05 min
 Lab File: BF078212.D
 Acq: 2 Apr 2015 21:10

Tgt Ion:139 Resp: 4524
 Ion Ratio Lower Upper
 139 100
 109 7.4 36.7 76.7#
 65 0.0 49.9 89.9#

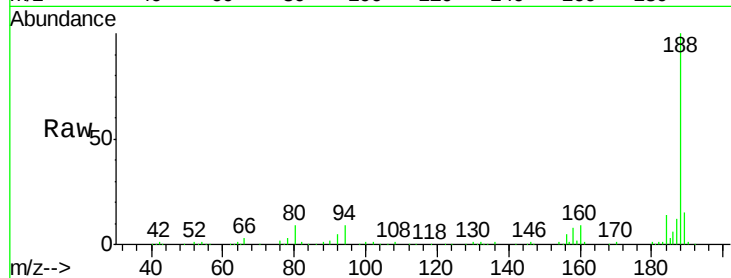




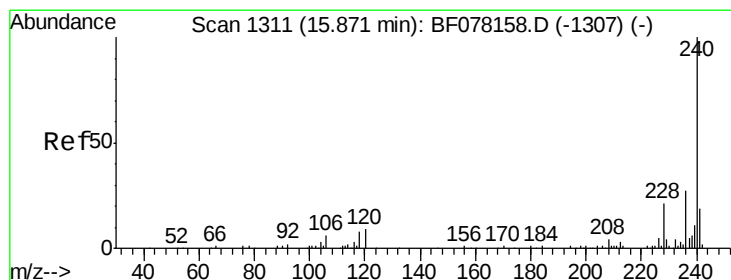
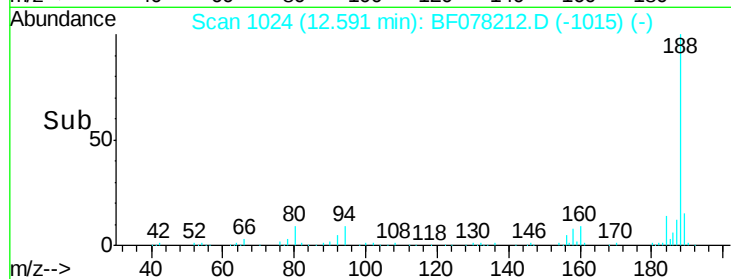
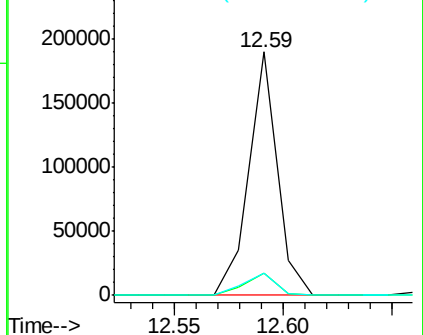
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Instrument :
BNA_F
ClientSampleId :
W-07R

Tgt Ion:188 Resp: 173270
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 9.3 9.5 14.3#

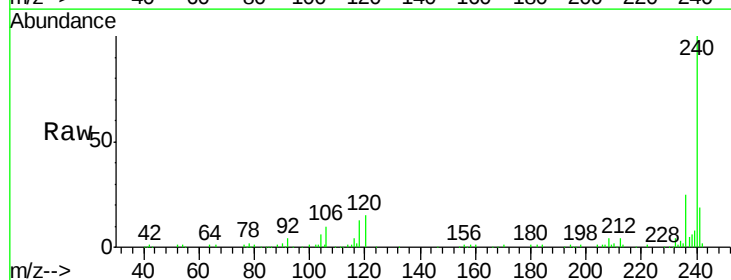


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

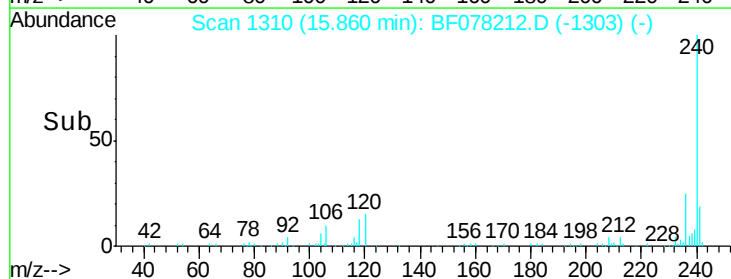
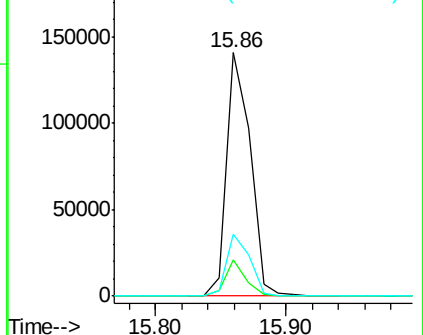


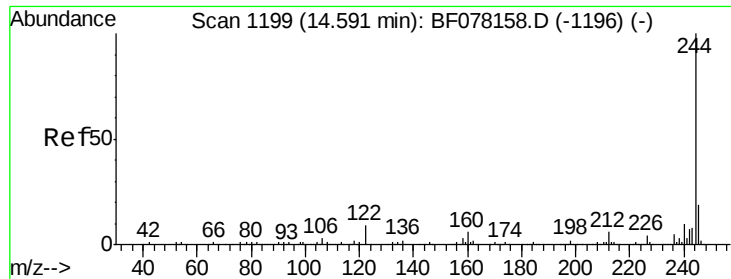
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.86 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF078212.D
Acq: 2 Apr 2015 21:10

Tgt Ion:240 Resp: 176939
Ion Ratio Lower Upper
240 100
120 15.1 7.1 10.7#
236 25.2 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

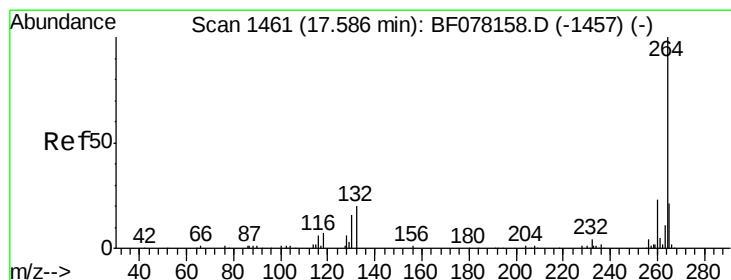
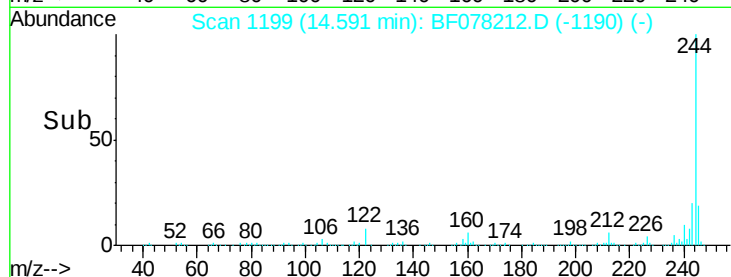
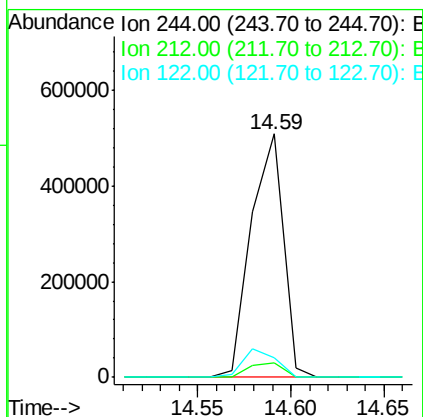
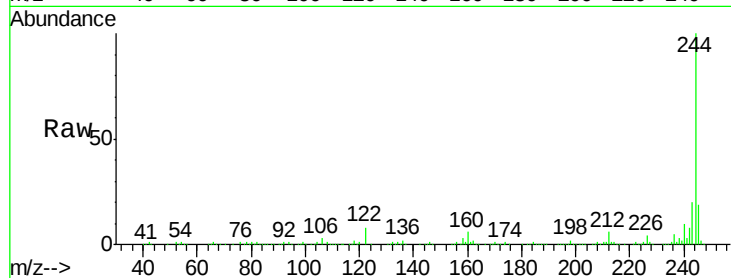




#78
 Terphenyl-d14
 Concen: 78.01 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078212.D
 Acq: 2 Apr 2015 21:10

Instrument :
 BNA_F
 ClientSampleId :
 W-07R

Tgt Ion:244 Resp: 610866
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 8.0 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1462
 Delta R.T. -0.07 min
 Lab File: BF078212.D
 Acq: 2 Apr 2015 21:10

Tgt Ion:264 Resp: 169776
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.0 17.0 25.6

