

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078324.D
 Acq On : 8 Apr 2015 6:04
 Operator : TP/IZ
 Sample : G1783-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-5

Quant Time: Apr 08 05:47:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

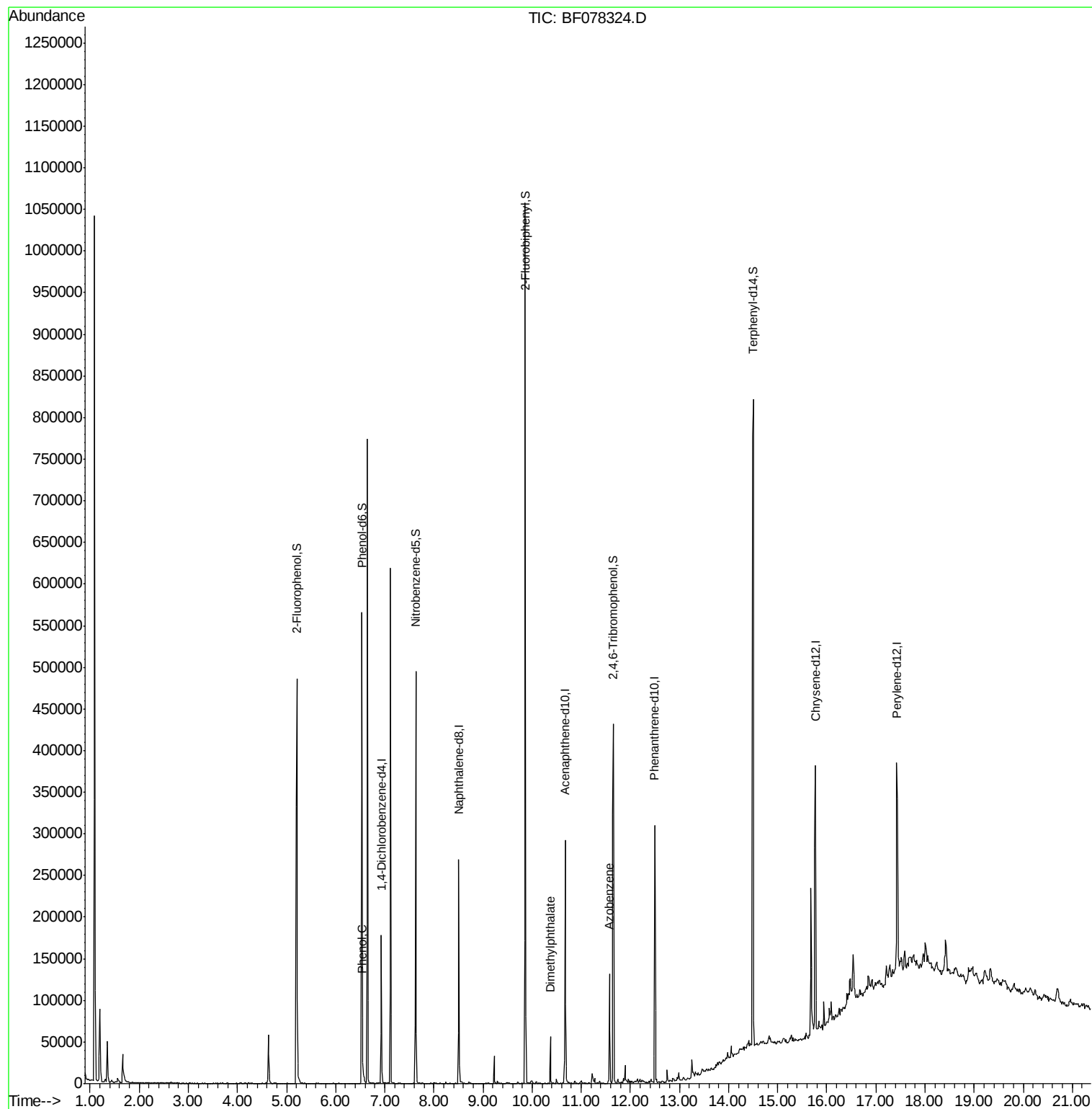
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	29791	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	126394	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	61495	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	122807	20.00	ng	0.00
75) Chrysene-d12	15.77	240	133726	20.00	ng	0.00
86) Perylene-d12	17.43	264	126868	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	200485	110.96	ng	0.01
7) Phenol-d6	6.53	99	264369	116.75	ng	0.01
23) Nitrobenzene-d5	7.63	82	152865	73.31	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	66330	130.05	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	318317	73.99	ng	0.00
78) Terphenyl-d14	14.50	244	385234	65.10	ng	0.00
Target Compounds						
10) Phenol	6.54	94	7493	2.76	ng	81
49) Dimethylphthalate	10.37	163	25626	5.55	ng	99
62) Azobenzene	11.57	77	29492	7.25	ng	# 1

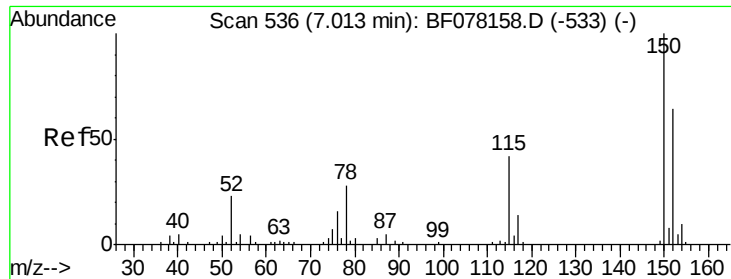
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

Instrument :

BNA_F

ClientSampleId :

FD-5

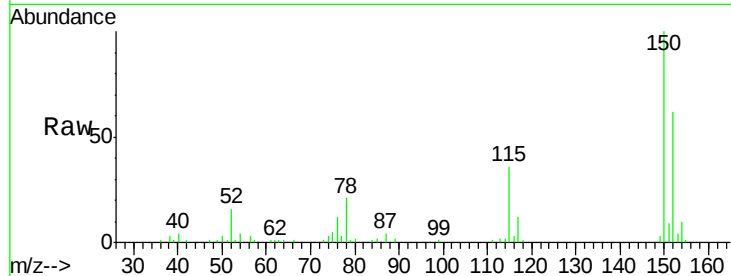
Tgt Ion:152 Resp: 29791

Ion Ratio Lower Upper

152 100

150 161.2 125.9 188.9

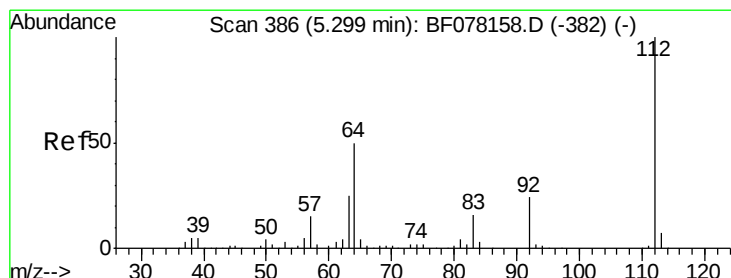
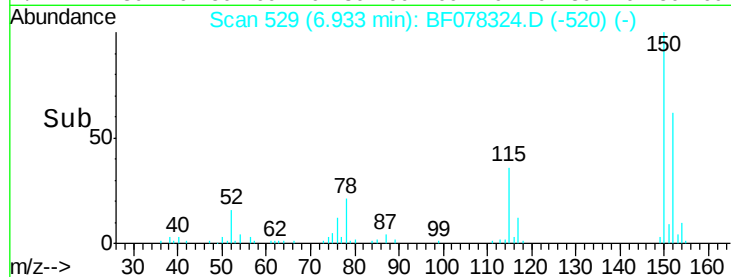
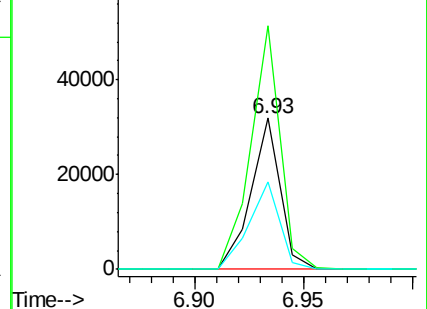
115 57.5 52.7 79.1



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: 110.96 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

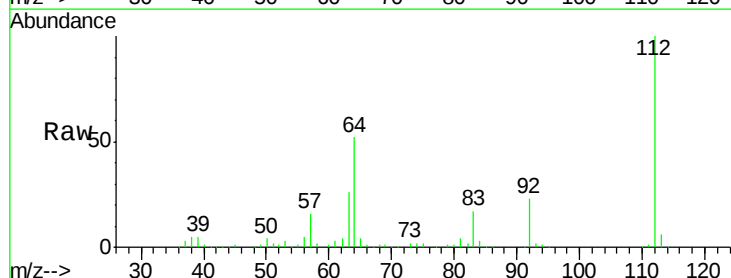
Tgt Ion:112 Resp: 200485

Ion Ratio Lower Upper

112 100

64 52.0 39.9 59.9

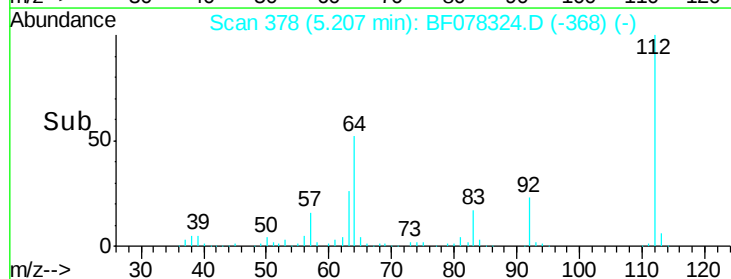
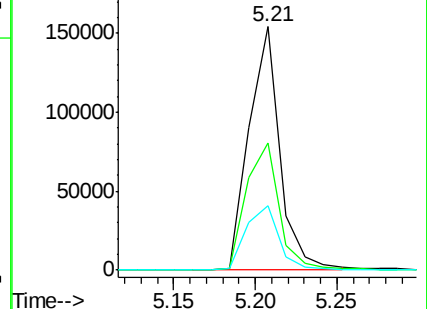
63 26.3 20.2 30.4

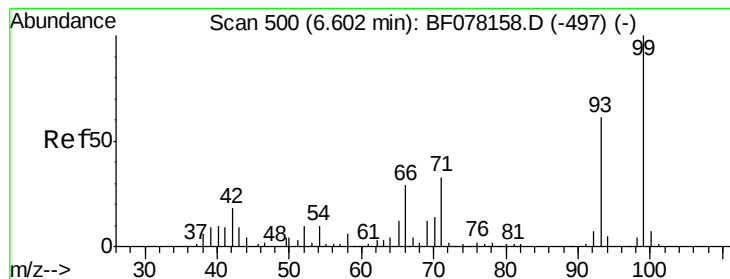


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.75 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

Instrument :

BNA_F

ClientSampleId :

FD-5

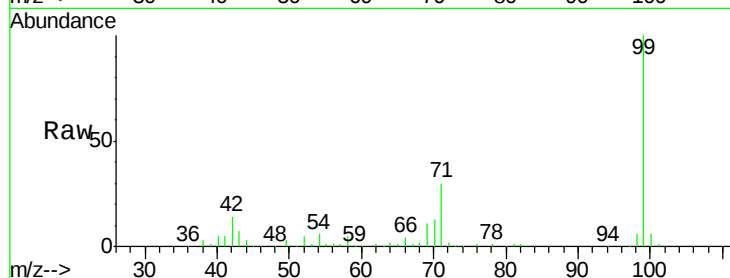
Tgt Ion: 99 Resp: 264369

Ion Ratio Lower Upper

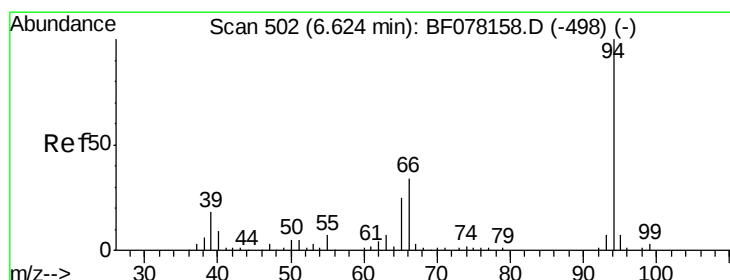
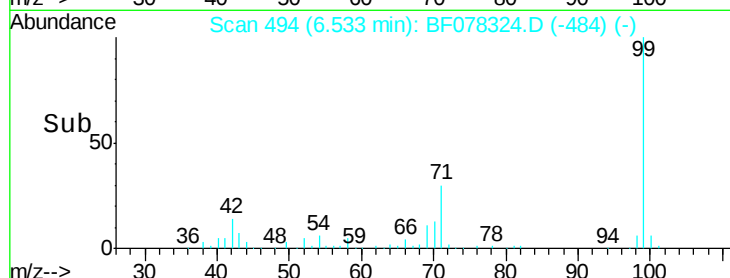
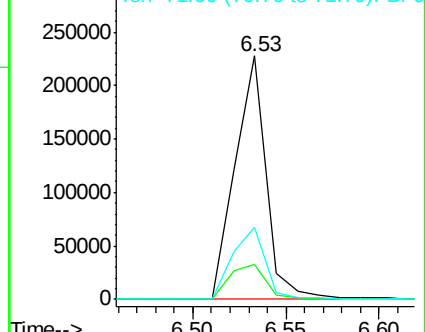
99 100

42 14.4 14.8 22.2#

71 29.6 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: 2.76 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

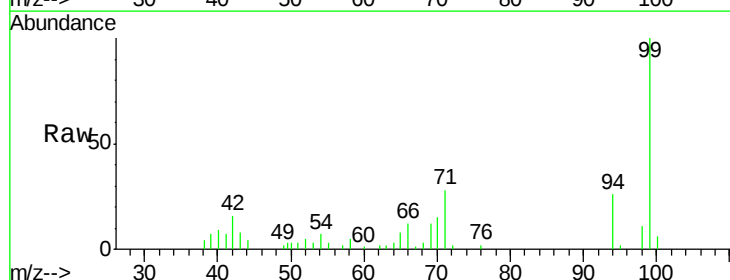
Tgt Ion: 94 Resp: 7493

Ion Ratio Lower Upper

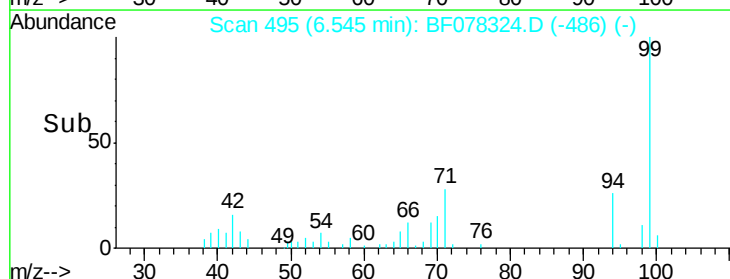
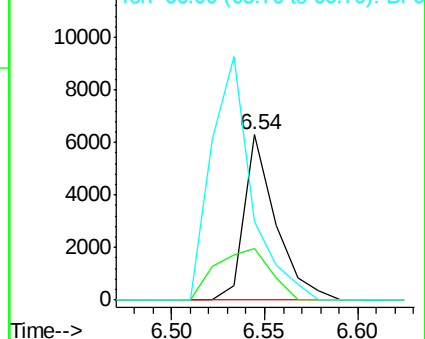
94 100

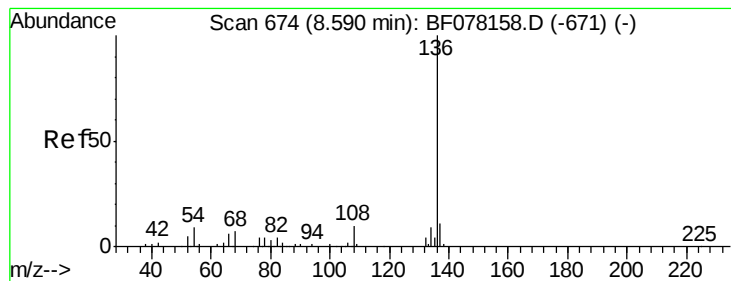
65 31.1 4.9 44.9

66 47.4 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: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

Instrument :

BNA_F

ClientSampleId :

FD-5

Tgt Ion: 136 Resp: 126394

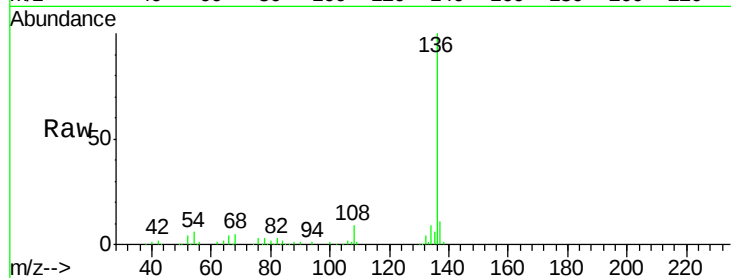
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.1 7.0 10.6#

68 4.8 5.4 8.2#

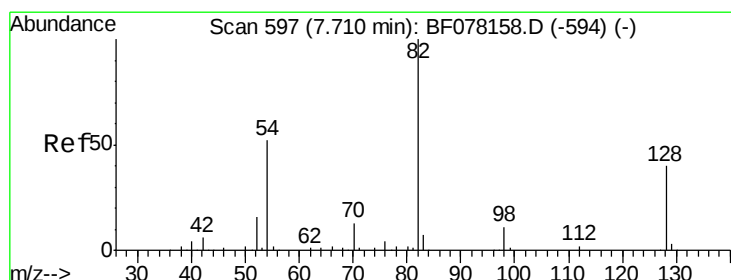
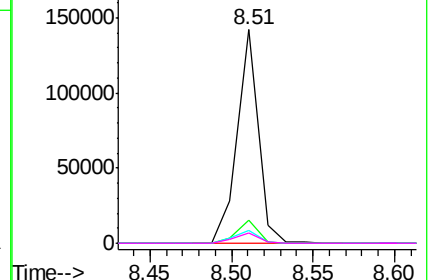
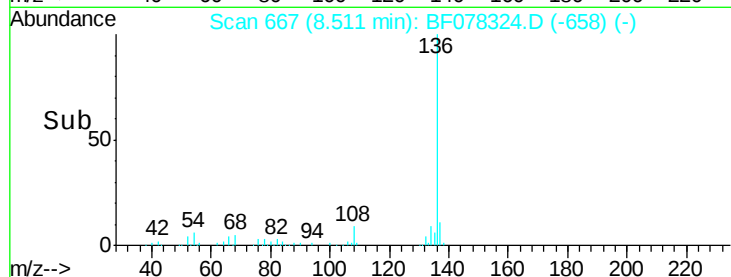


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.31 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

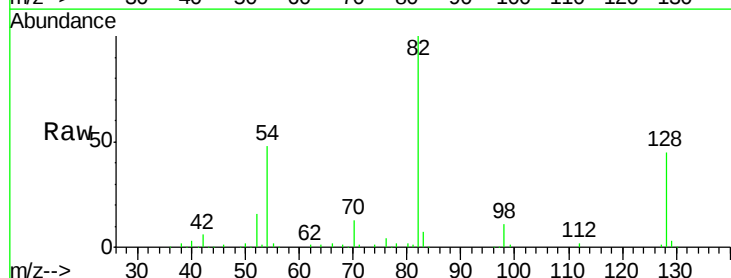
Tgt Ion: 82 Resp: 152865

Ion Ratio Lower Upper

82 100

128 45.0 31.8 47.8

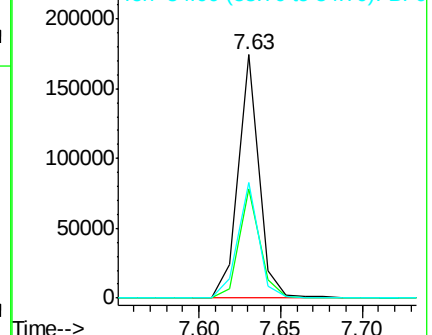
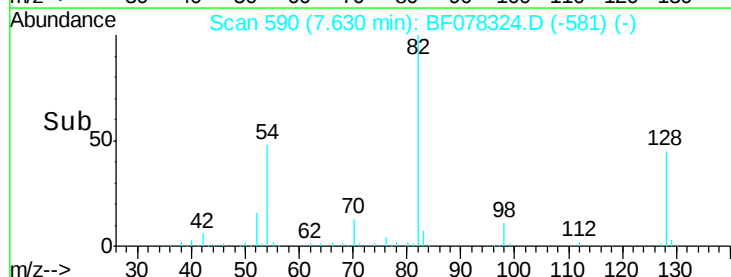
54 47.7 41.5 62.3

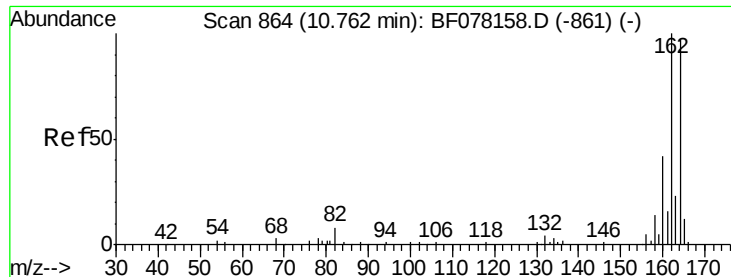


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

Instrument :

BNA_F

ClientSampleId :

FD-5

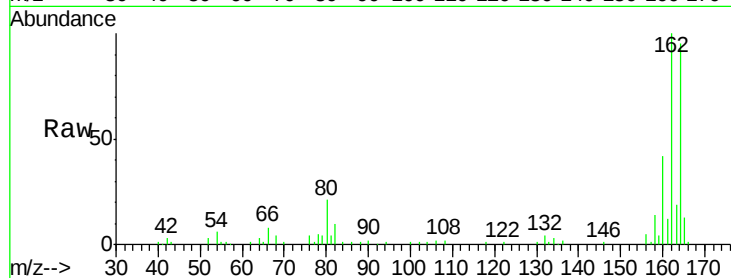
Tgt Ion:164 Resp: 61495

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.2

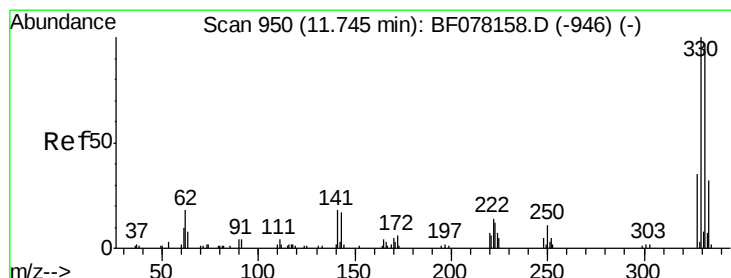
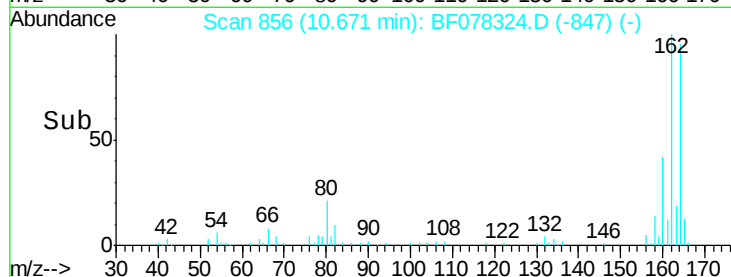
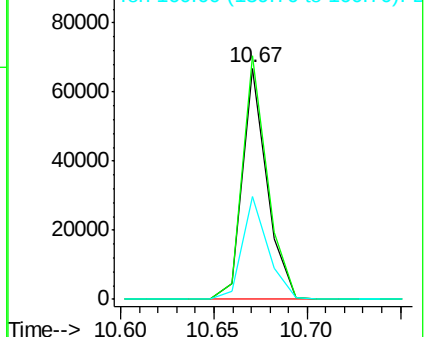
160 44.3 34.7 52.1



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: 130.05 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

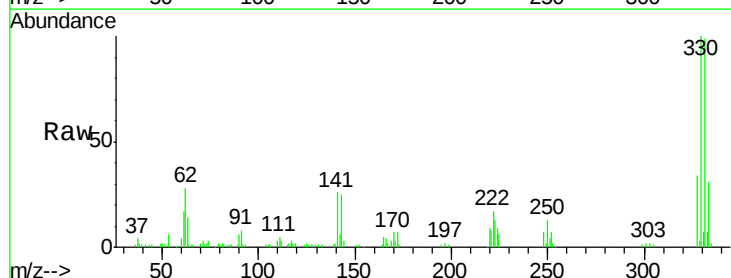
Tgt Ion:330 Resp: 66330

Ion Ratio Lower Upper

330 100

332 96.9 78.6 117.8

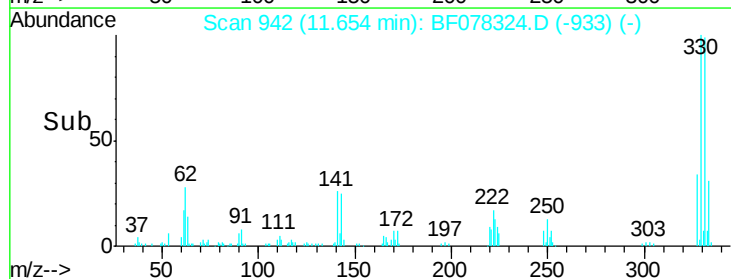
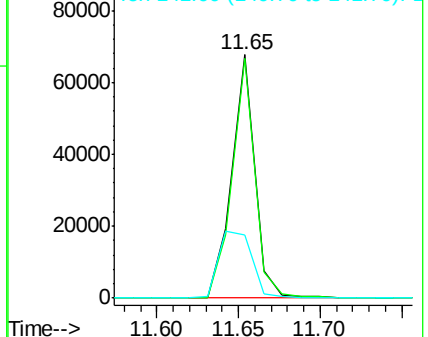
141 39.3 31.2 46.8

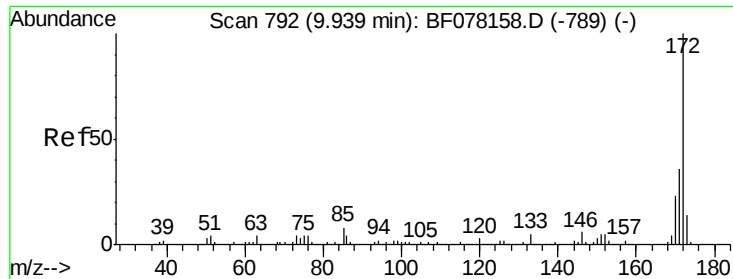


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

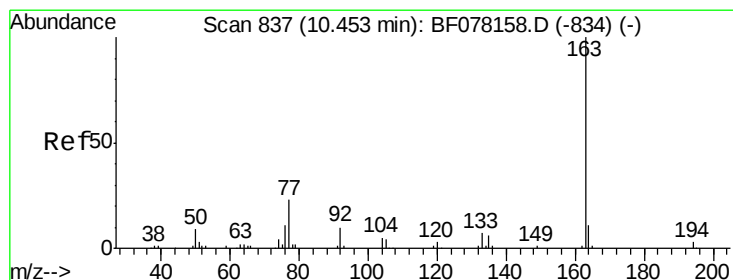
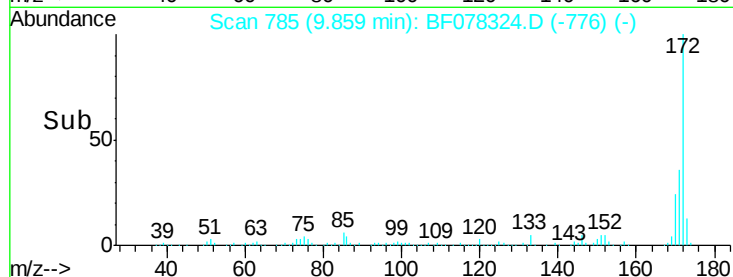
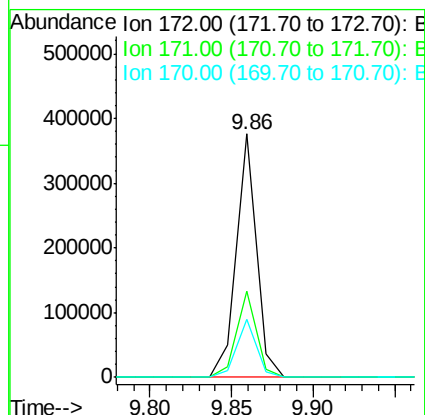
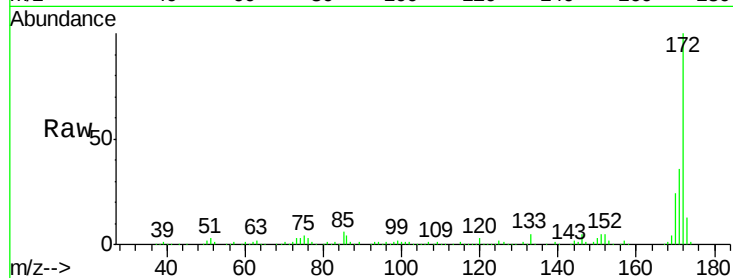




#44
 2-Fluorobiphenyl
 Concen: 73.99 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078324.D
 Acq: 8 Apr 2015 6:04

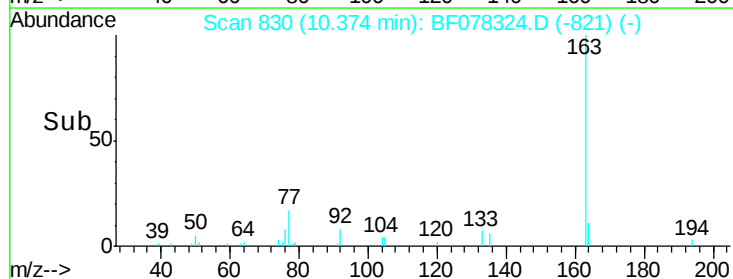
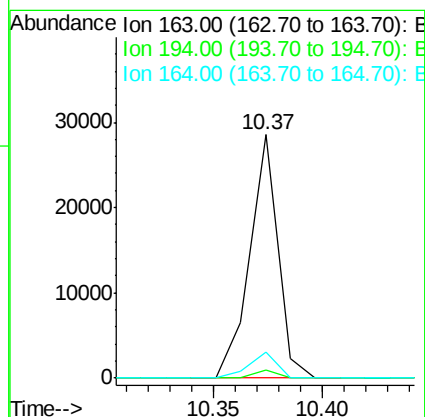
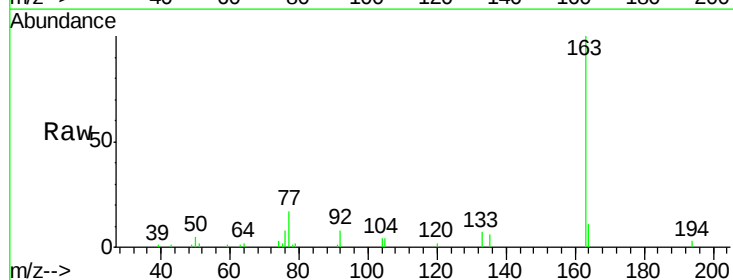
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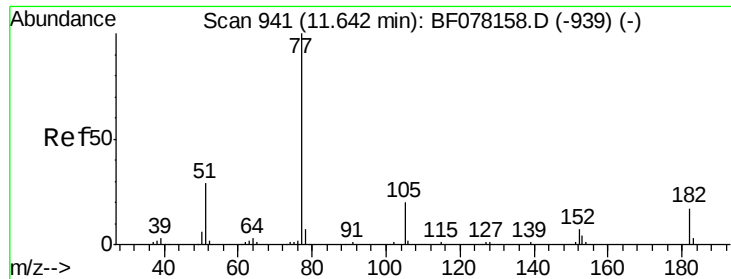
Tgt Ion:172 Resp: 318317
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.6 18.5 27.7



#49
 Dimethylphthalate
 Concen: 5.55 ng
 RT: 10.37 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF078324.D
 Acq: 8 Apr 2015 6:04

Tgt Ion:163 Resp: 25626
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.3 3.5
 164 10.5 8.6 13.0





#62

Azobenzene

Concen: 7.25 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

Instrument :

BNA_F

ClientSampleId :

FD-5

Tgt Ion: 77 Resp: 29492

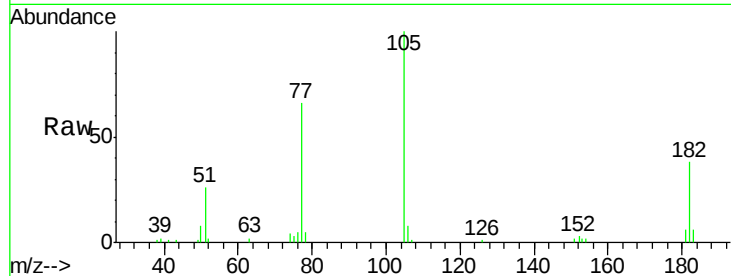
Ion Ratio Lower Upper

77 100

182 56.9 0.0 36.8#

105 150.7 0.3 40.3#

51 39.8 9.1 49.1

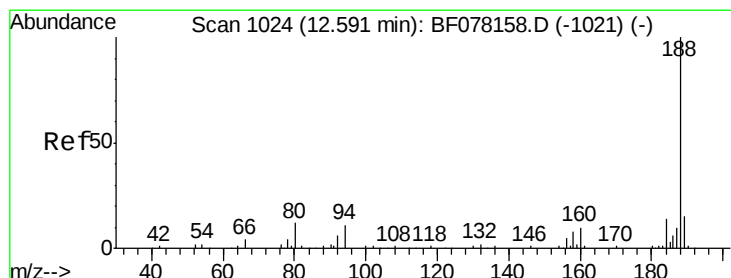
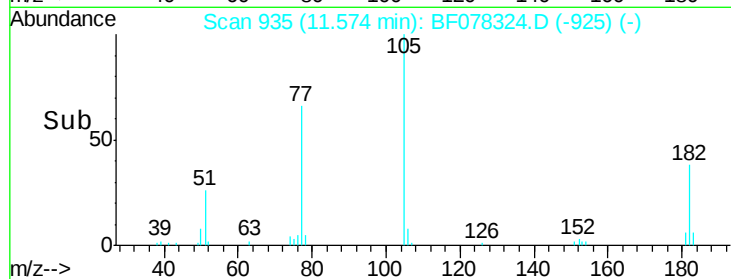
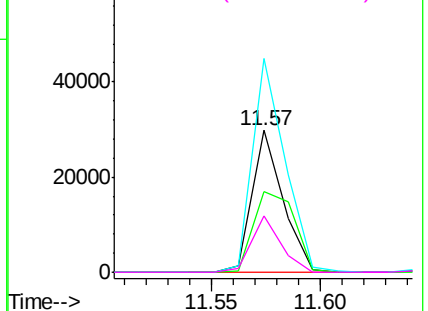


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.50 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF078324.D

Acq: 8 Apr 2015 6:04

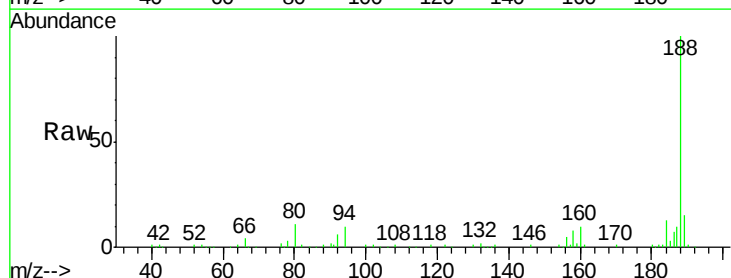
Tgt Ion: 188 Resp: 122807

Ion Ratio Lower Upper

188 100

94 10.5 9.0 13.4

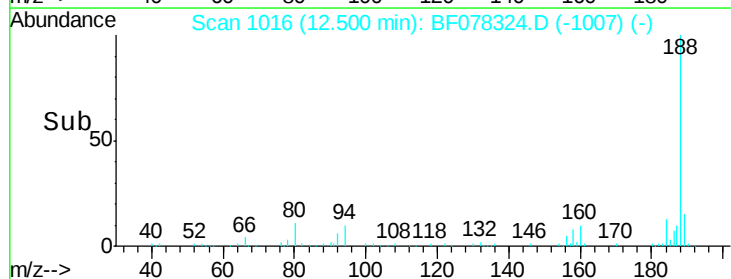
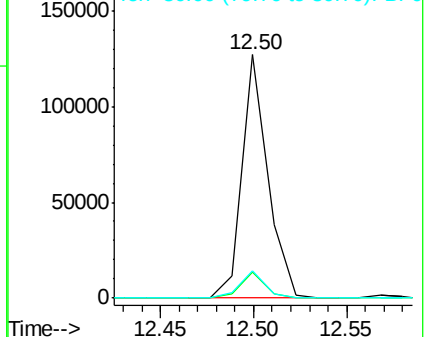
80 11.1 9.5 14.3

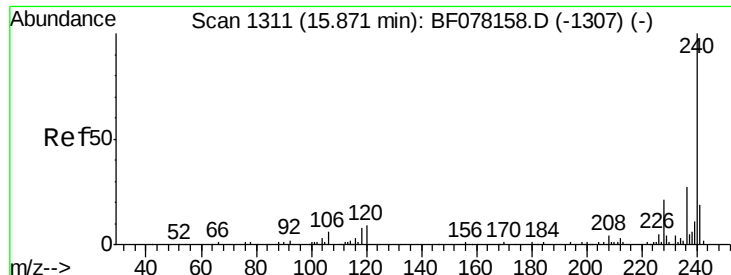


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

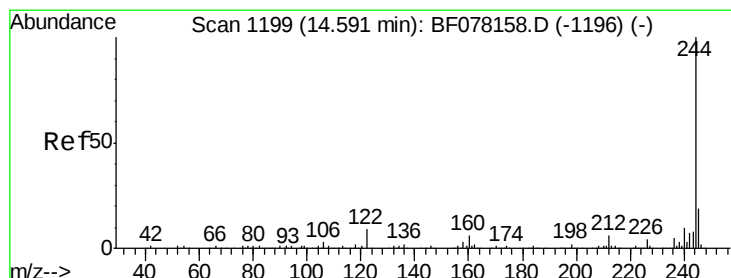
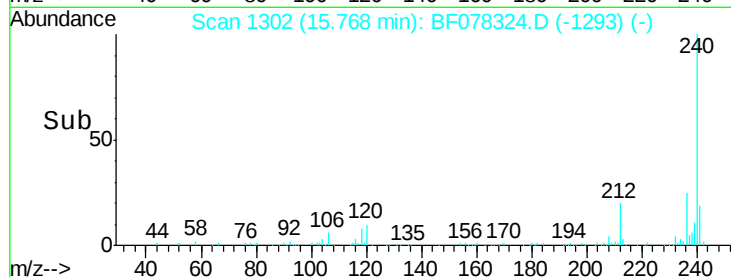
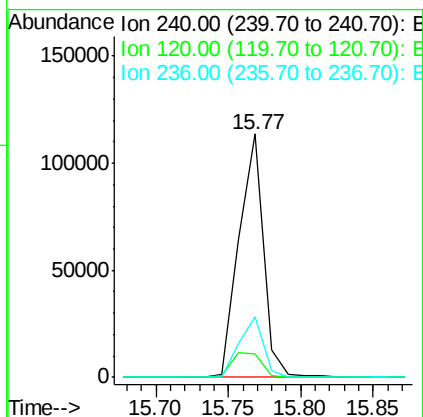
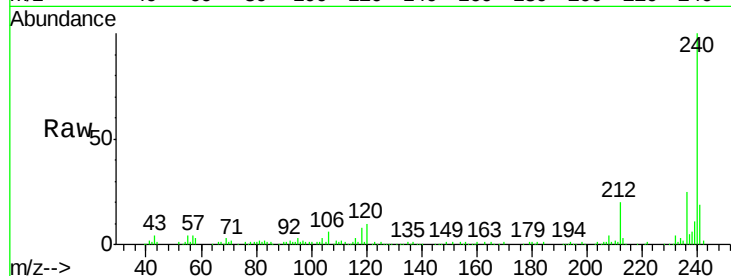




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF078324.D
Acq: 8 Apr 2015 6:04

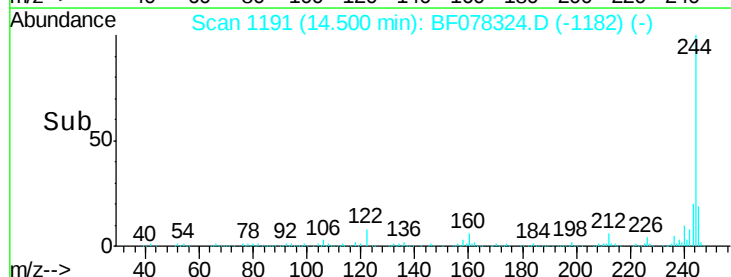
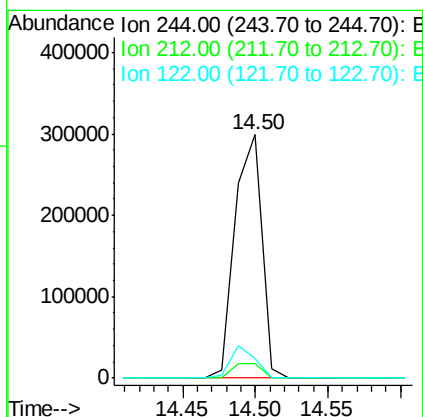
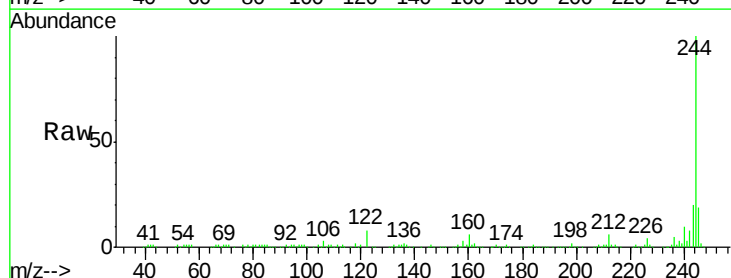
Instrument :
BNA_F
ClientSampleId :
FD-5

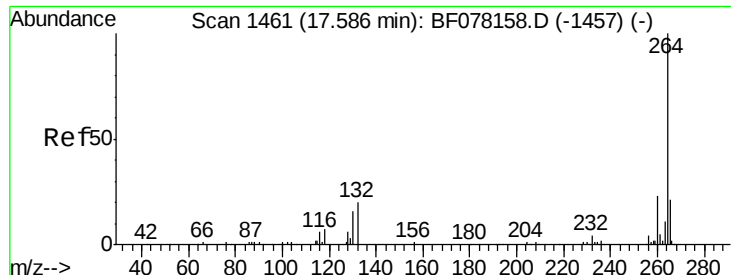
Tgt Ion:240 Resp: 133726
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 24.9 21.4 32.2



#78
Terphenyl-d14
Concen: 65.10 ng
RT: 14.50 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF078324.D
Acq: 8 Apr 2015 6:04

Tgt Ion:244 Resp: 385234
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 8.0 7.1 10.7

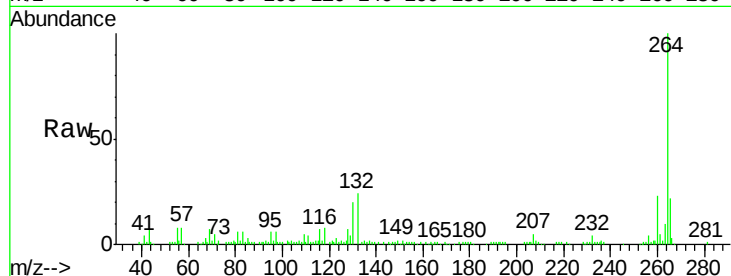




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.43 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF078324.D
Acq: 8 Apr 2015 6:04

Instrument :
BNA_F
ClientSampleId :
FD-5

Tgt Ion: 264 Resp: 126868
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 22.1 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

