

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078203.D
 Acq On : 2 Apr 2015 16:53
 Operator : TP/IZ
 Sample : G1653-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD2RE

Quant Time: Apr 03 00:15:00 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

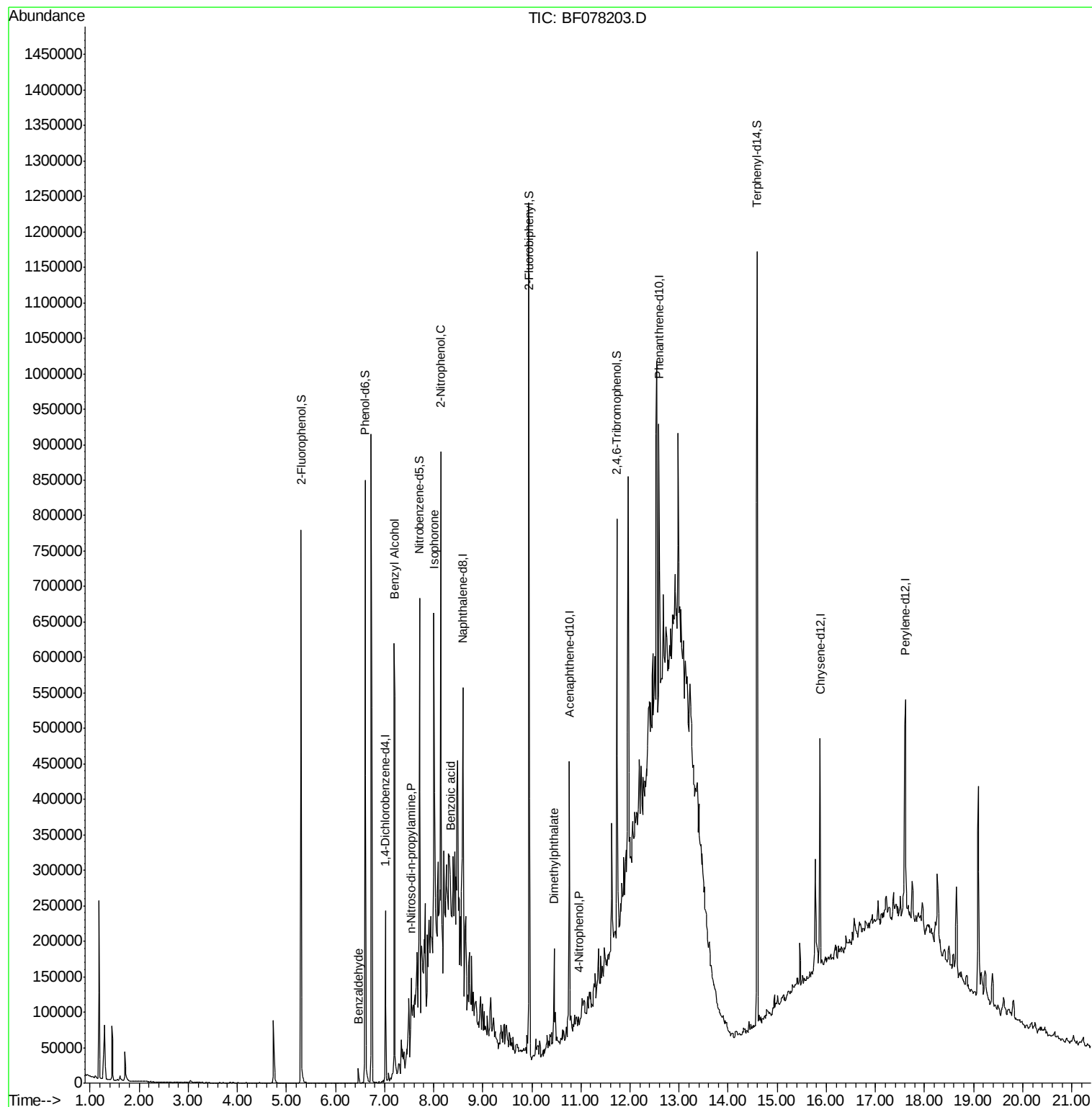
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	42756	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	169055	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	87784	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	159712	20.00	ng	0.00
75) Chrysene-d12	15.87	240	173466	20.00	ng	-0.01
86) Perylene-d12	17.61	264	166739	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	300731	115.97	ng	0.01
7) Phenol-d6	6.60	99	365609	112.50	ng	0.00
23) Nitrobenzene-d5	7.71	82	216577	77.65	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	74695	102.60	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	398891	64.95	ng	0.00
78) Terphenyl-d14	14.59	244	469986	61.22	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.46	77	5635	2.62	ng	92
15) Benzyl Alcohol	7.20	79	5267	2.31	ng	# 54
19) n-Nitroso-di-n-propylamine	7.54	70	6767	3.16	ng	# 64
25) Isophorone	8.01	82	25967	4.91	ng	# 1
26) 2-Nitrophenol	8.14	139	8125	5.85	ng	# 1
32) Benzoic acid	8.34	122	4716	9.21	ng	# 24
49) Dimethylphthalate	10.45	163	55178	8.37	ng	# 98
55) 4-Nitrophenol	10.96	139	466	3.16	ng	# 1

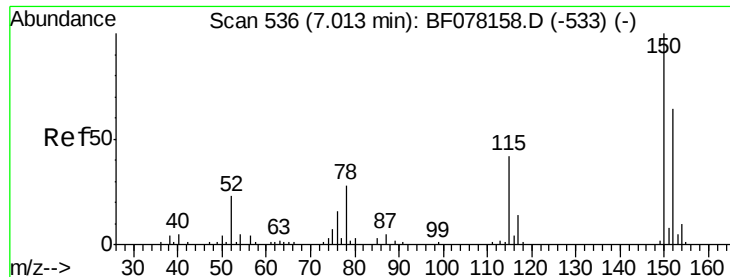
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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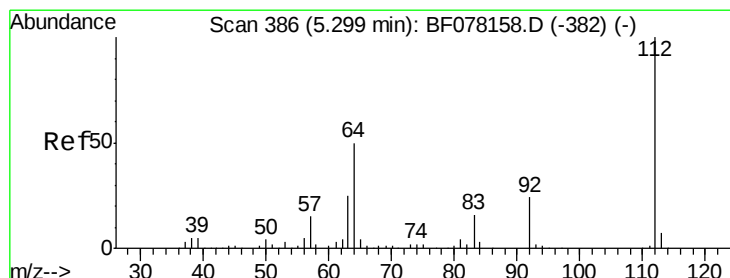
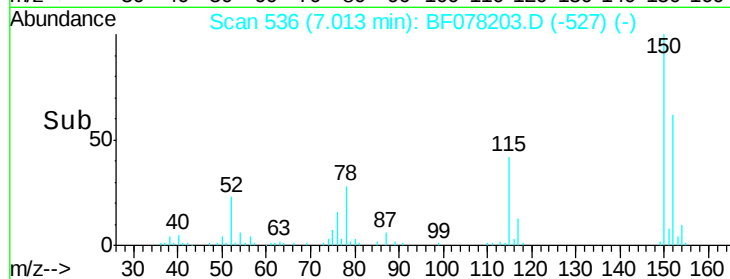
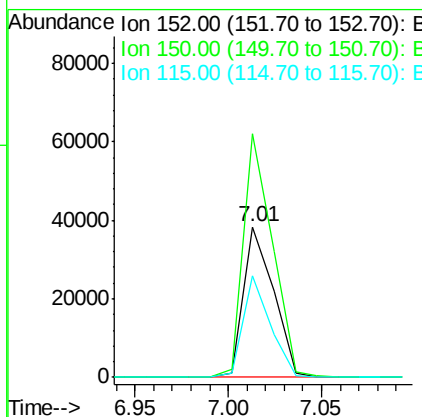
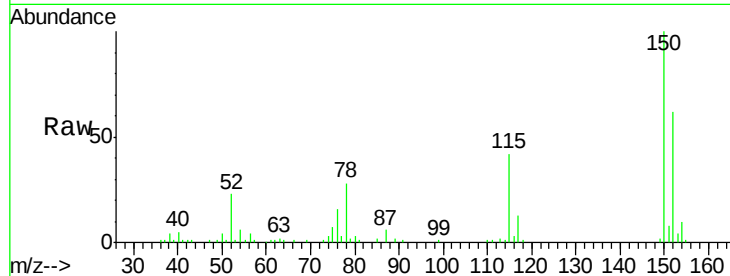




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078203.D
 Acq: 2 Apr 2015 16:53

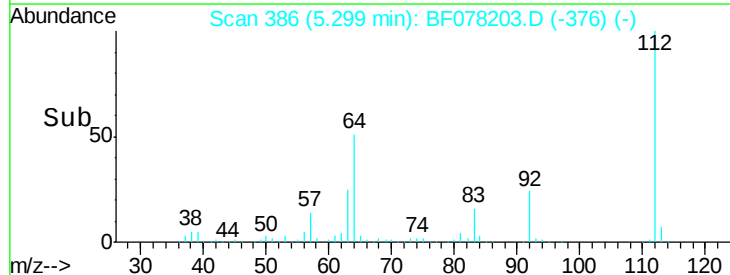
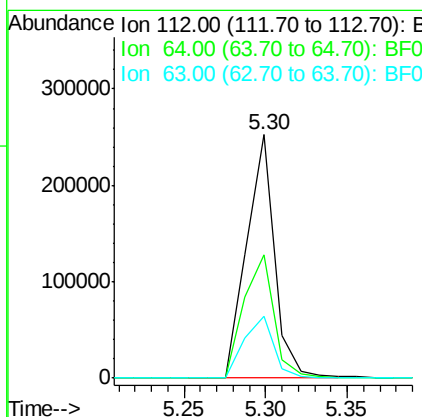
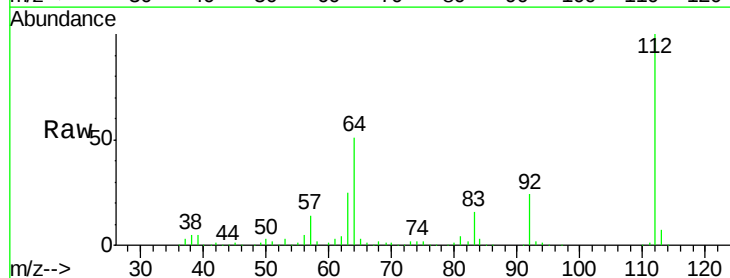
Instrument :
 BNA_F
 ClientSampleId :
 FD2RE

Tgt Ion:152 Resp: 42756
 Ion Ratio Lower Upper
 152 100
 150 161.5 125.9 188.9
 115 67.4 52.7 79.1



#5
 2-Fluorophenol
 Concen: 115.97 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF078203.D
 Acq: 2 Apr 2015 16:53

Tgt Ion:112 Resp: 300731
 Ion Ratio Lower Upper
 112 100
 64 50.6 39.9 59.9
 63 25.4 20.2 30.4





#7

Phenol-d6

Concen: 112.50 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

Instrument :

BNA_F

ClientSampleId :

FD2RE

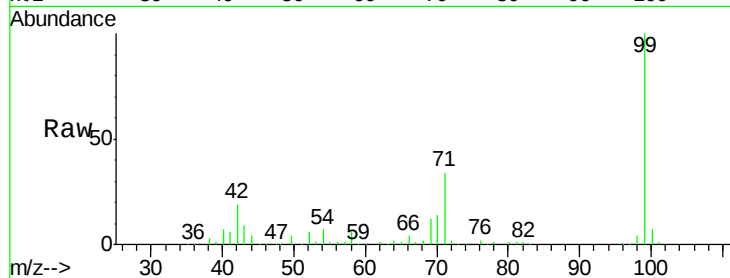
Tgt Ion: 99 Resp: 365609

Ion Ratio Lower Upper

99 100

42 18.9 14.8 22.2

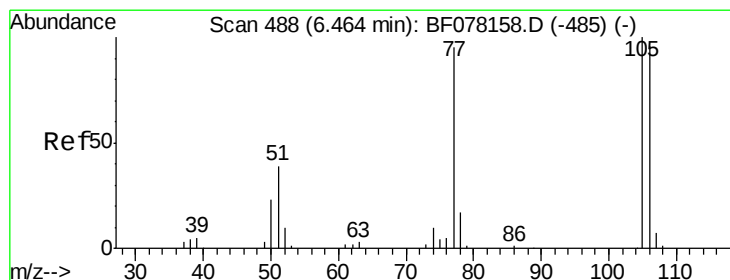
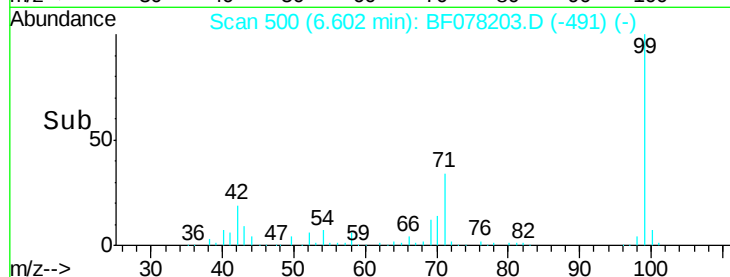
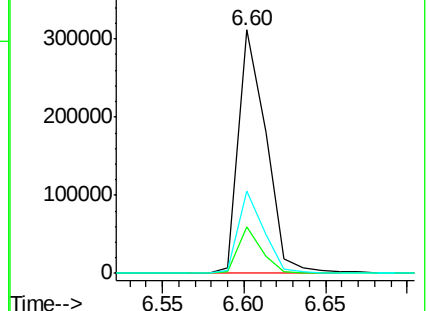
71 33.6 26.6 39.8



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



#9

Benzaldehyde

Concen: 2.62 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

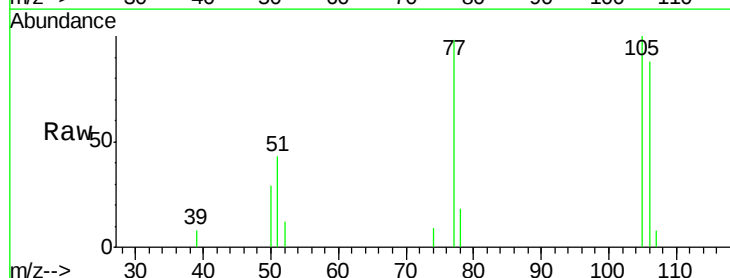
Tgt Ion: 77 Resp: 5635

Ion Ratio Lower Upper

77 100

105 101.6 85.4 125.4

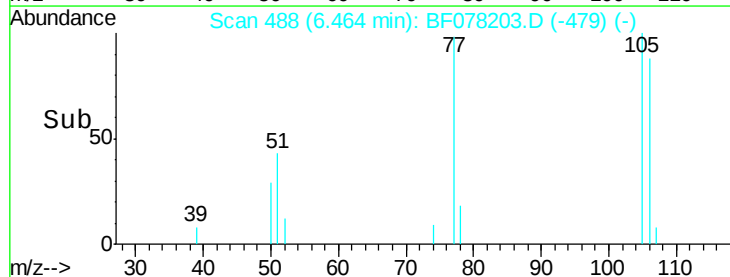
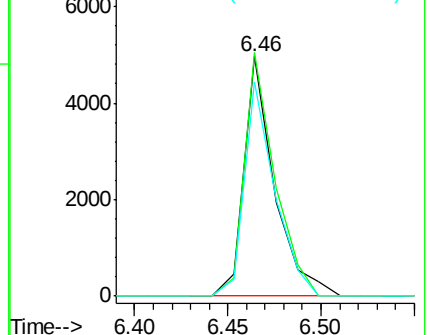
106 89.2 80.8 120.8

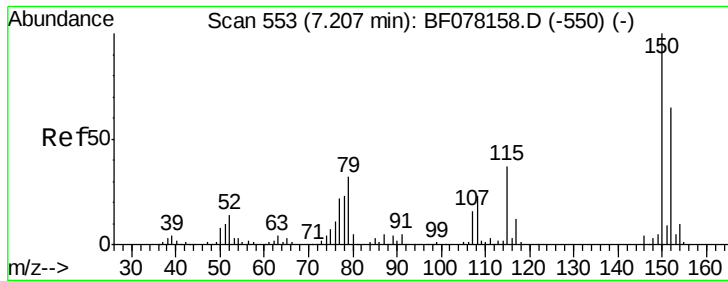


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

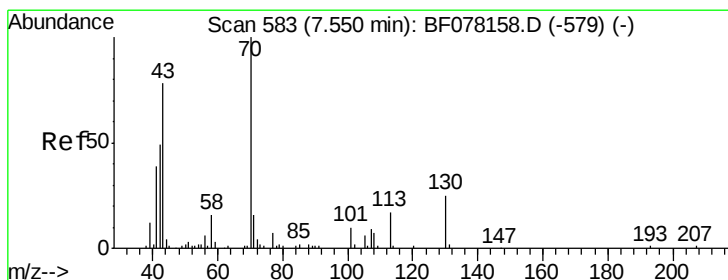
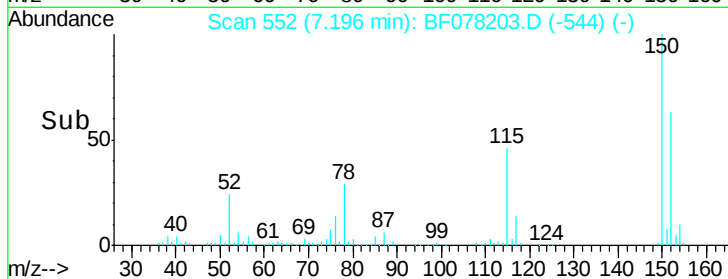
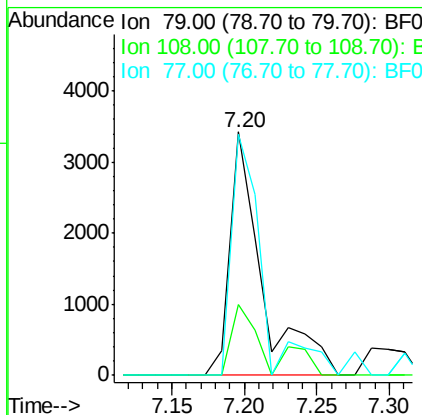
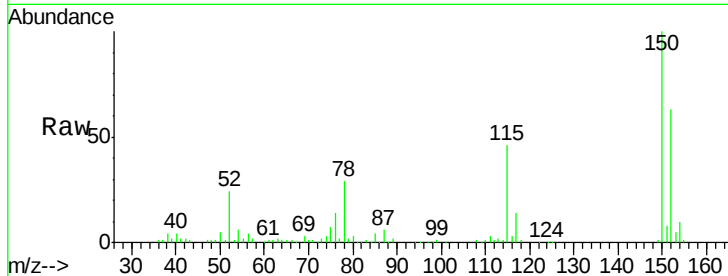




#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 7.20 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

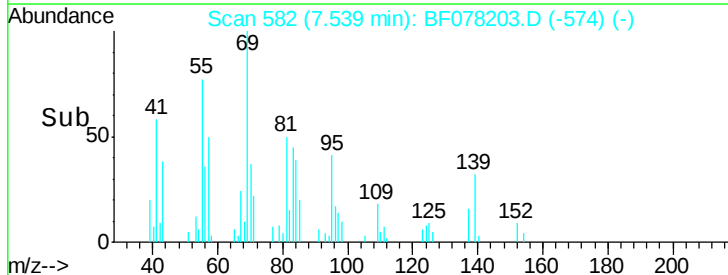
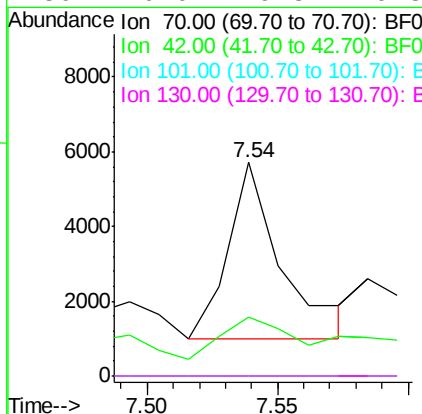
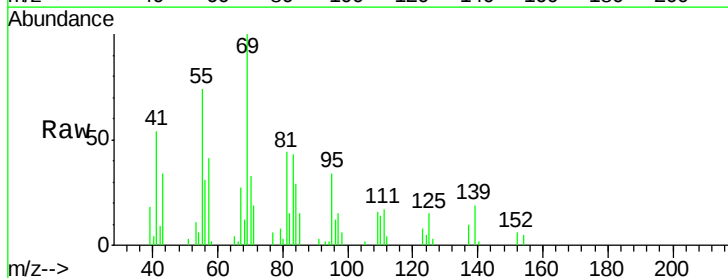
Instrument :
BNA_F
ClientSampleId :
FD2RE

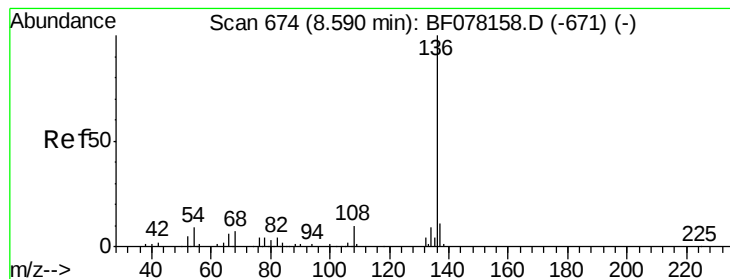
Tgt Ion: 79 Resp: 5267
Ion Ratio Lower Upper
79 100
108 29.2 57.6 86.4#
77 99.1 53.5 80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 3.16 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

Tgt Ion: 70 Resp: 6767
Ion Ratio Lower Upper
70 100
42 27.3 38.9 58.3#
101 0.0 8.3 12.5#
130 0.0 19.8 29.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

Instrument :

BNA_F

ClientSampleId :

FD2RE

Tgt Ion: 136 Resp: 169055

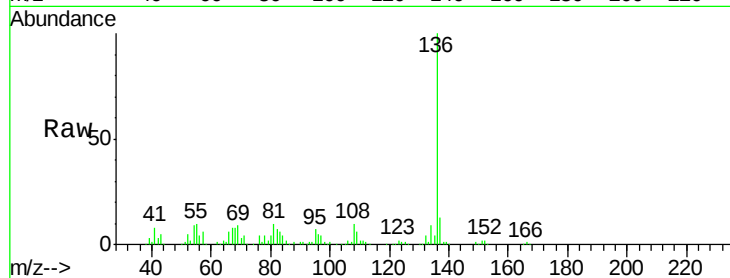
Ion Ratio Lower Upper

136 100

137 12.7 9.0 13.4

54 9.2 7.0 10.6

68 8.1 5.4 8.2

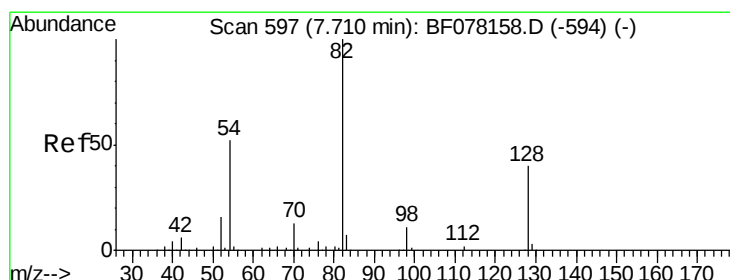
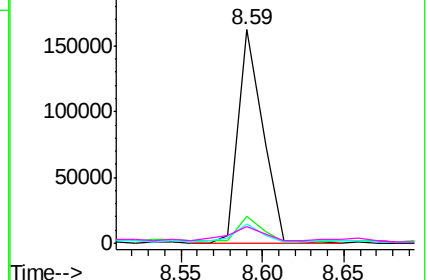
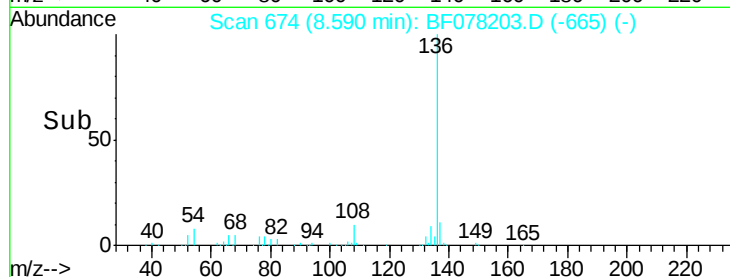


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.65 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

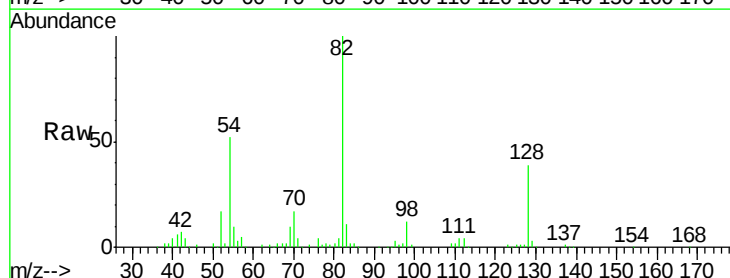
Tgt Ion: 82 Resp: 216577

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.8

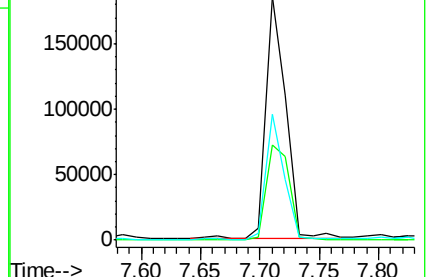
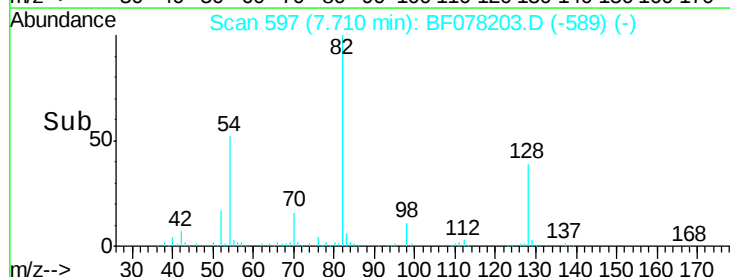
54 51.9 41.5 62.3

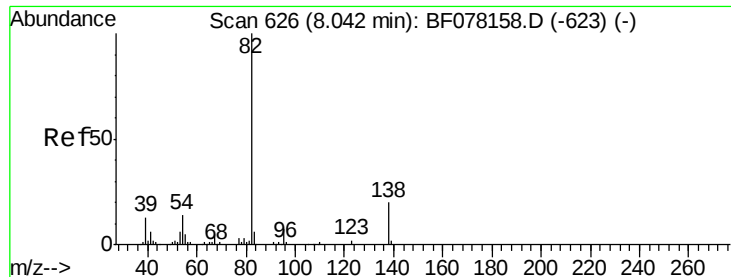


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 4.91 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

Instrument :

BNA_F

ClientSampled :

FD2RE

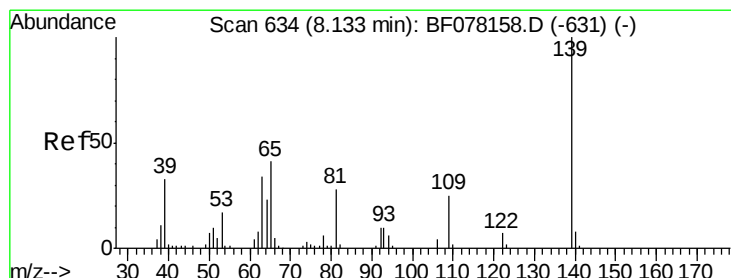
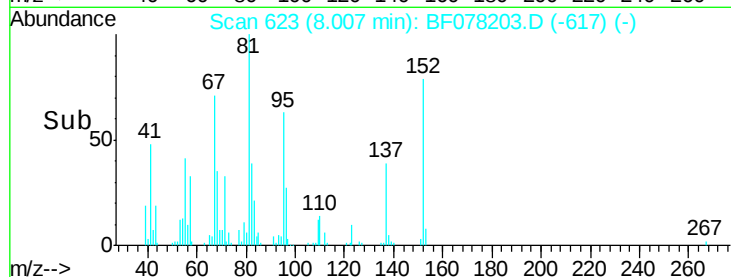
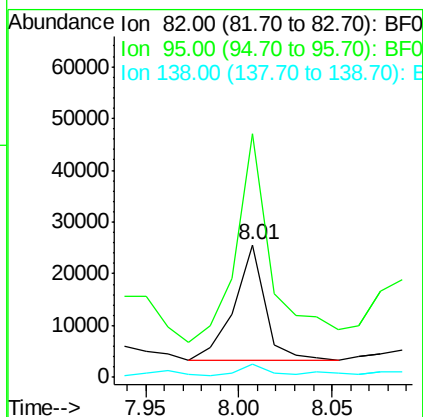
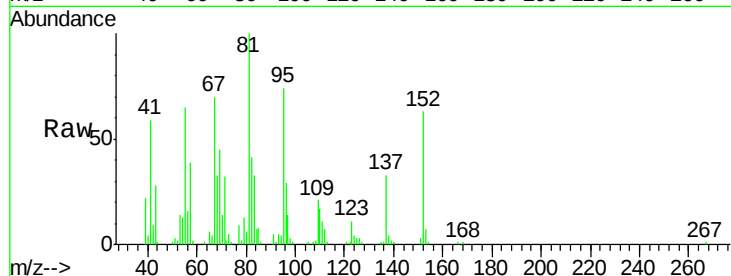
Tgt Ion: 82 Resp: 25967

Ion Ratio Lower Upper

82 100

95 183.3 5.7 8.5#

138 10.3 15.8 23.8#



#26

2-Nitrophenol

Concen: 5.85 ng

RT: 8.14 min Scan# 635

Delta R.T. 0.01 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

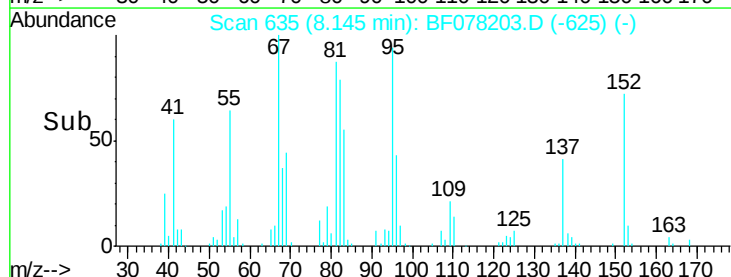
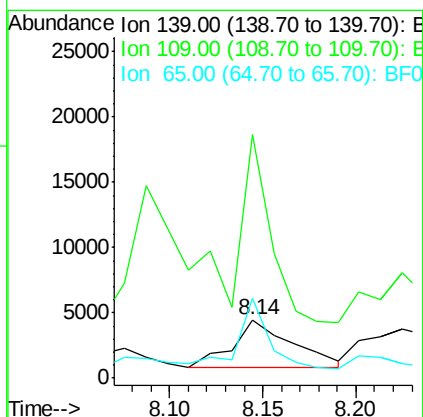
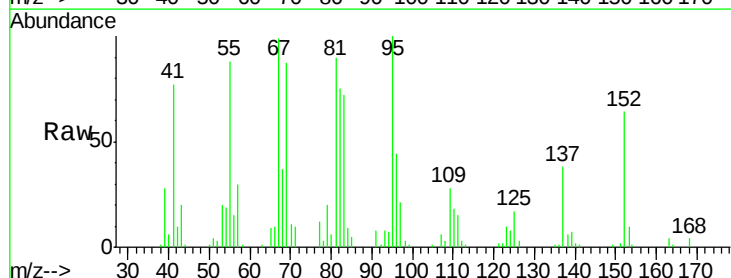
Tgt Ion: 139 Resp: 8125

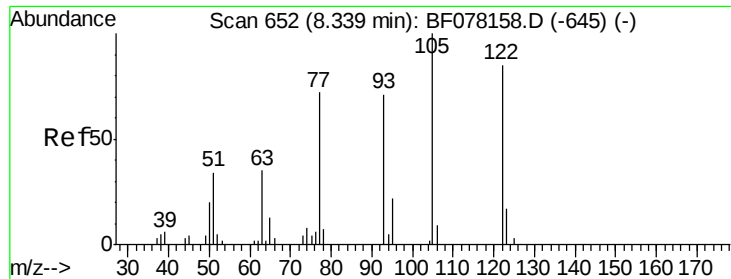
Ion Ratio Lower Upper

139 100

109 419.0 19.8 29.8#

65 136.3 32.7 49.1#

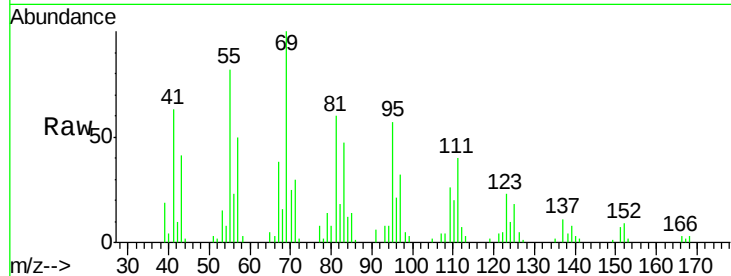




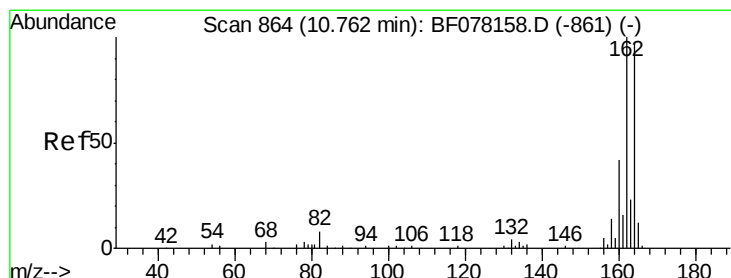
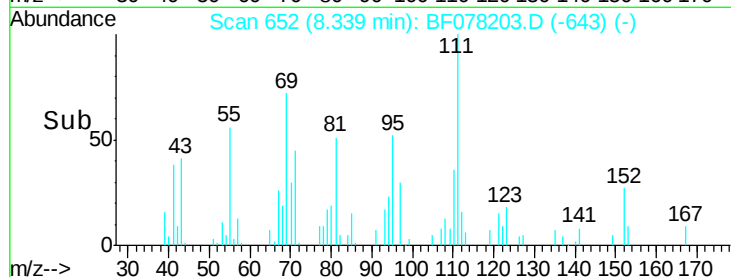
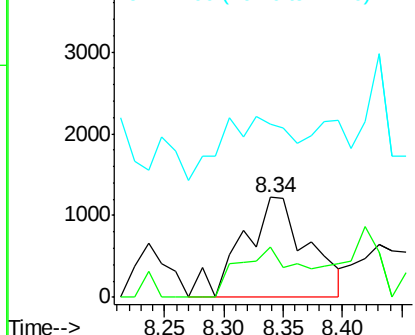
#32
Benzoic acid
Concen: 9.21 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

Instrument :
BNA_F
ClientSampled :
FD2RE

Tgt Ion:122 Resp: 4716
Ion Ratio Lower Upper
122 100
105 50.7 96.1 136.1#
77 174.1 64.1 104.1#

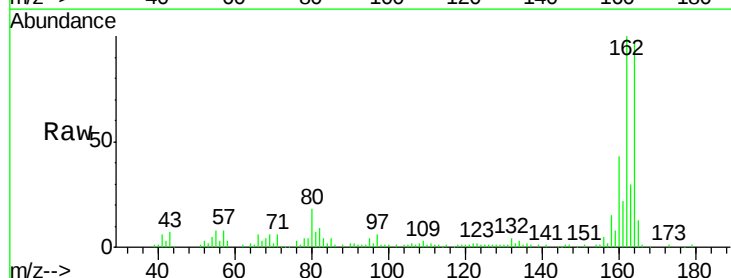


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

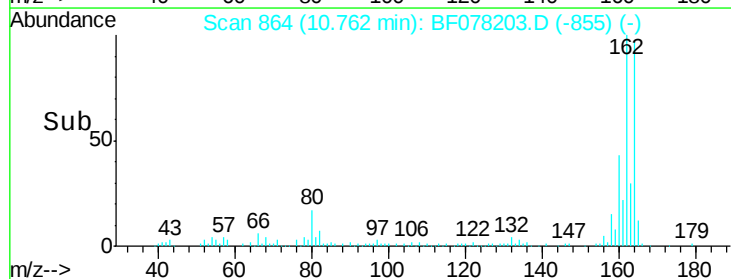
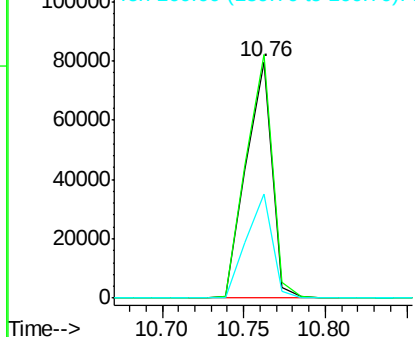


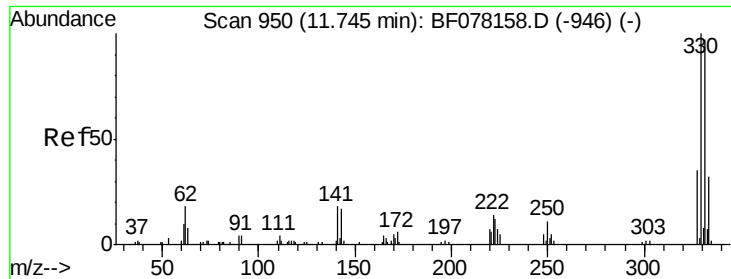
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

Tgt Ion:164 Resp: 87784
Ion Ratio Lower Upper
164 100
162 103.0 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: 102.60 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

Instrument :

BNA_F

ClientSampleId :

FD2RE

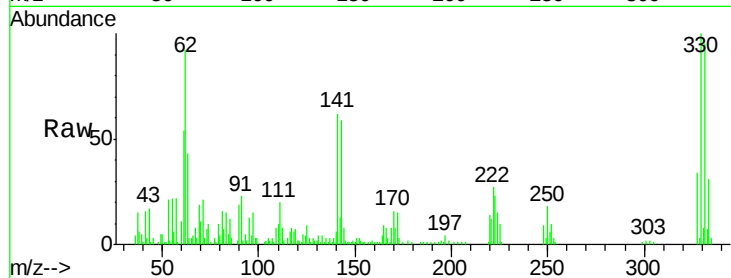
Tgt Ion:330 Resp: 74695

Ion Ratio Lower Upper

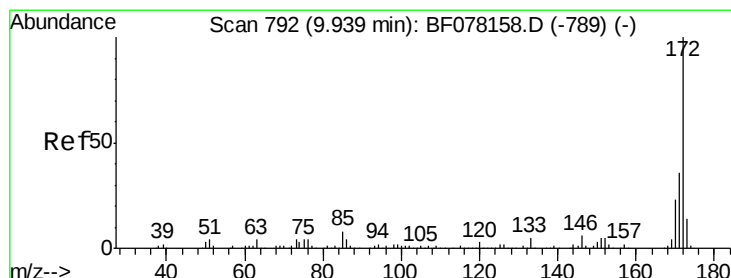
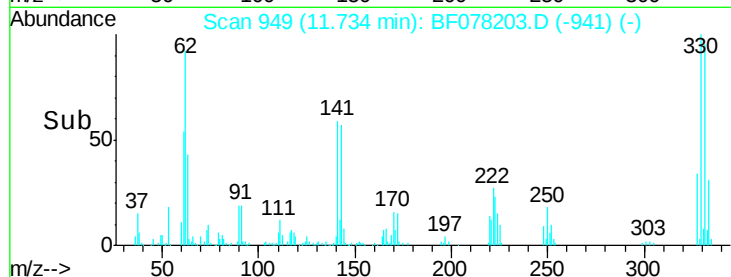
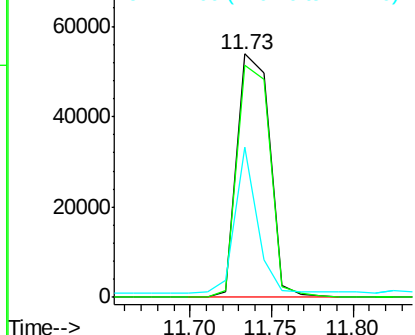
330 100

332 96.2 78.6 117.8

141 40.8 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: 64.95 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

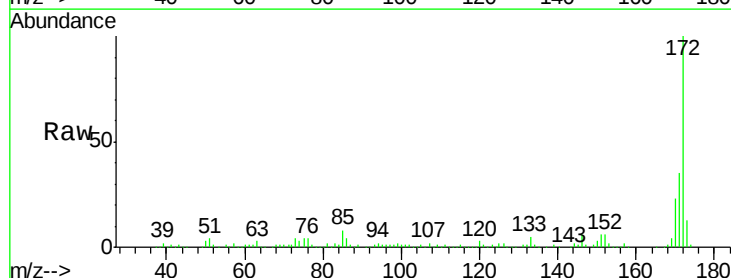
Tgt Ion:172 Resp: 398891

Ion Ratio Lower Upper

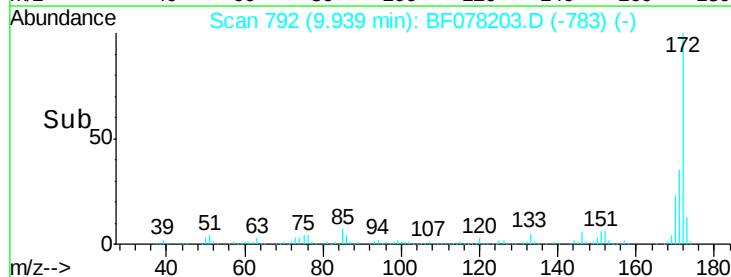
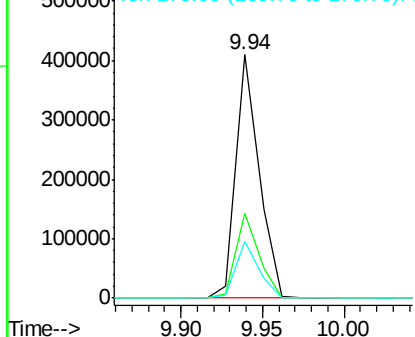
172 100

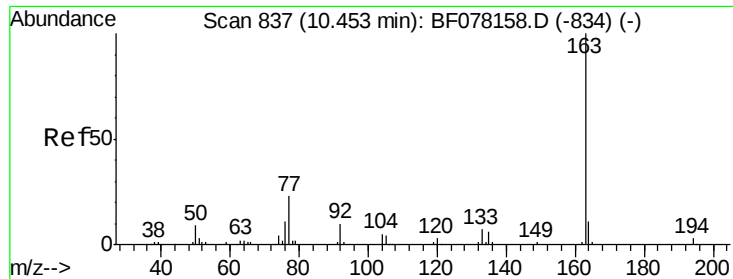
171 35.0 28.6 42.8

170 23.4 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

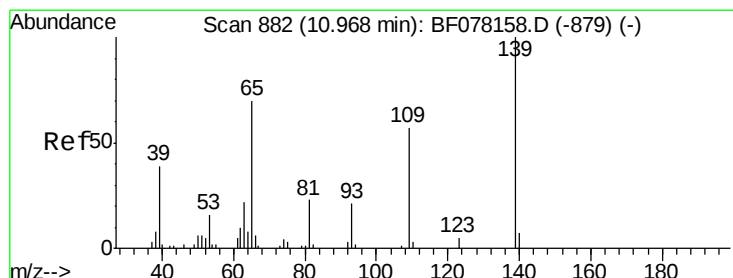
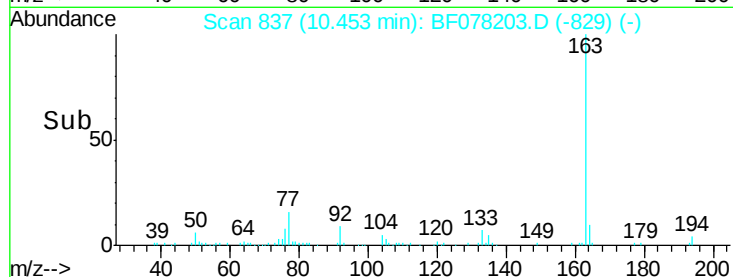
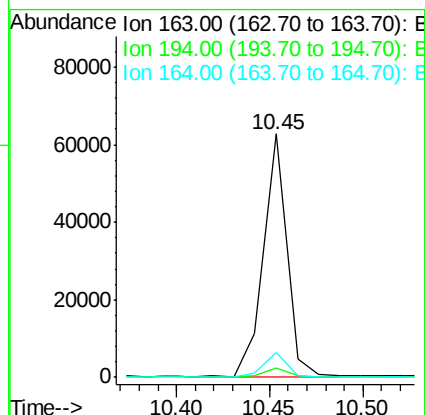
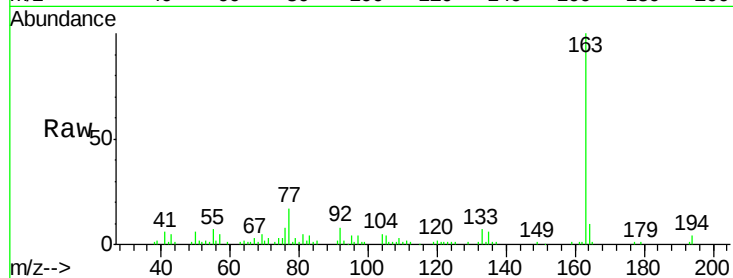




#49
Dimethylphthalate
Concen: 8.37 ng
RT: 10.45 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

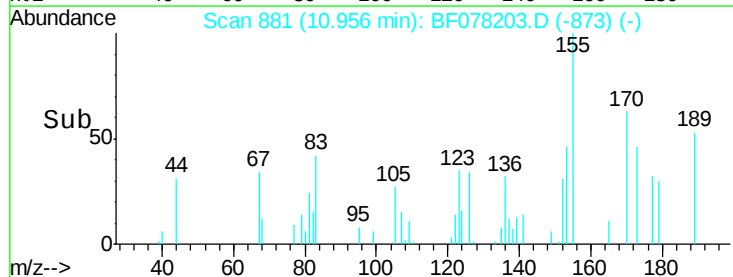
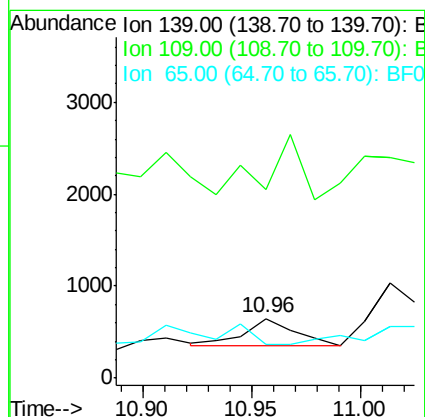
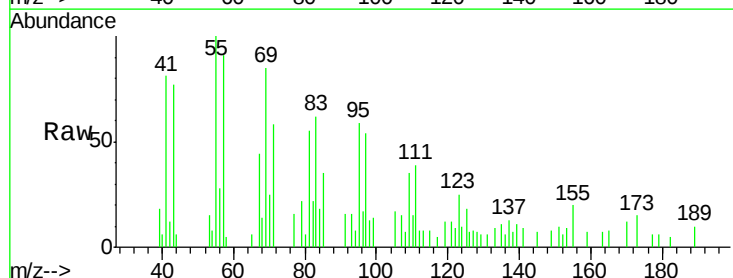
Instrument :
BNA_F
ClientSampleId :
FD2RE

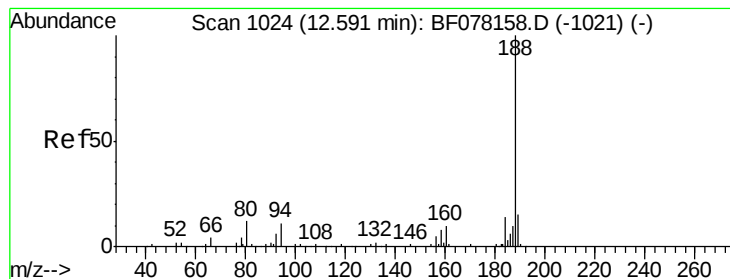
Tgt Ion:163 Resp: 55178
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 10.1 8.6 13.0



#55
4-Nitrophenol
Concen: 3.16 ng
RT: 10.96 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF078203.D
Acq: 2 Apr 2015 16:53

Tgt Ion:139 Resp: 466
Ion Ratio Lower Upper
139 100
109 316.7 36.7 76.7#
65 57.3 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: BF078203.D

Acq: 2 Apr 2015 16:53

Instrument :

BNA_F

ClientSampleId :

FD2RE

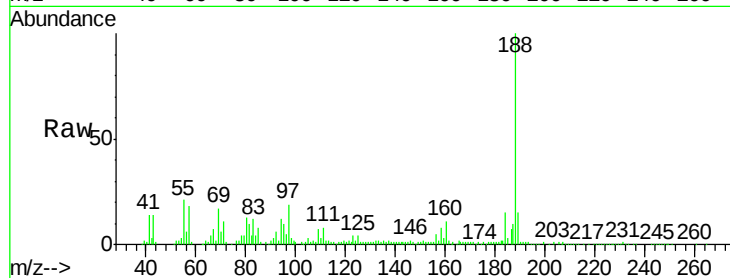
Tgt Ion:188 Resp: 159712

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

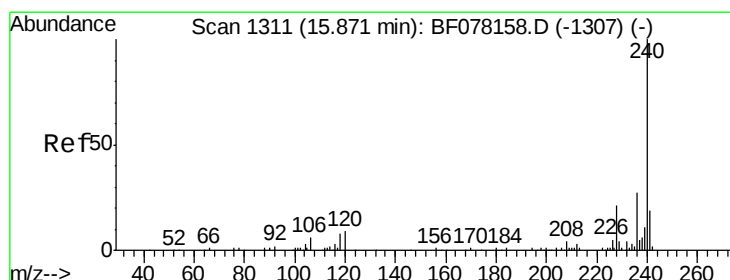
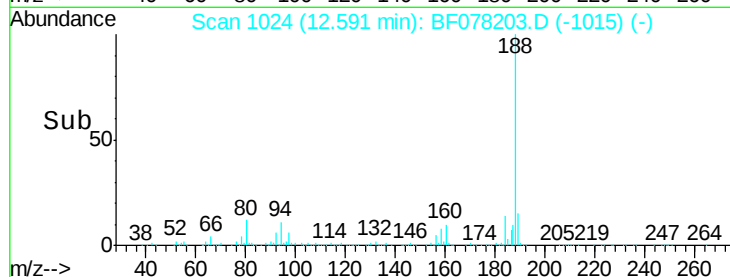
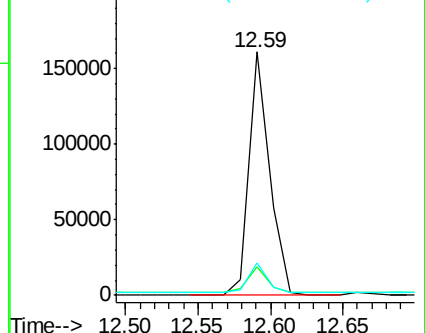
80 13.1 9.5 14.3



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: 15.87 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF078203.D

Acq: 2 Apr 2015 16:53

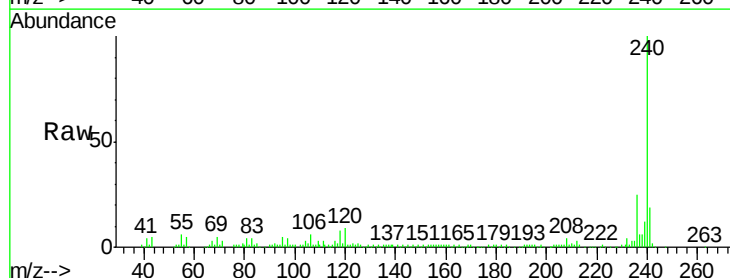
Tgt Ion:240 Resp: 173466

Ion Ratio Lower Upper

240 100

120 9.1 7.1 10.7

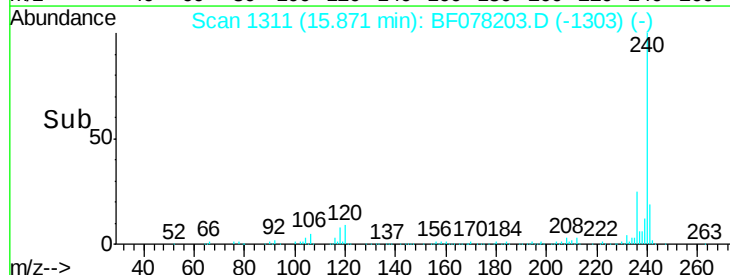
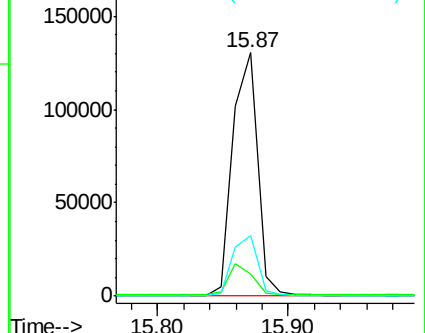
236 24.8 21.4 32.2

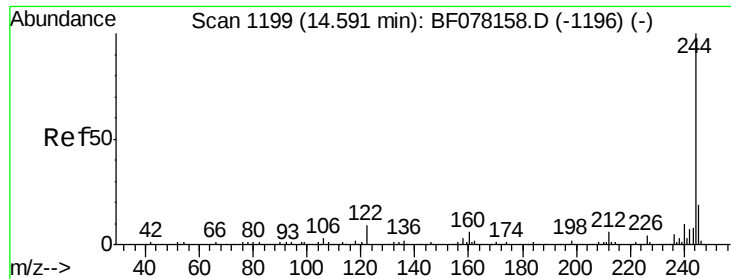


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

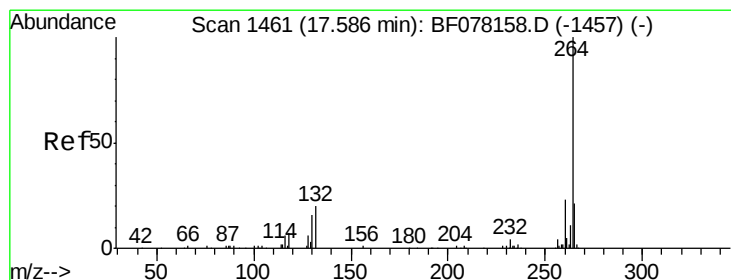
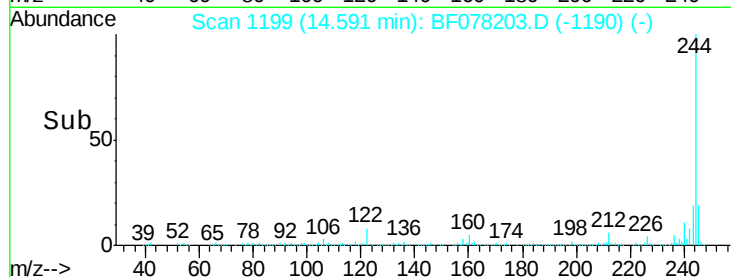
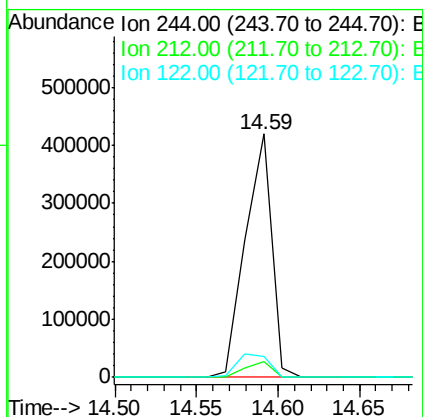
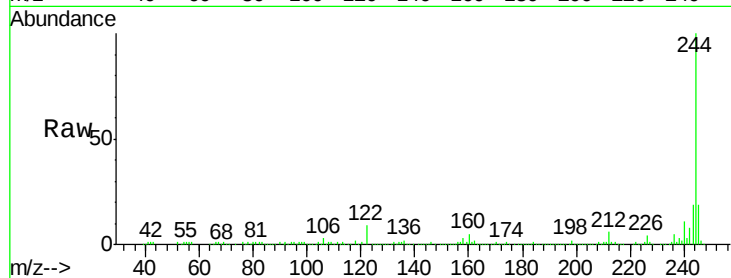




#78
 Terphenyl-d14
 Concen: 61.22 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078203.D
 Acq: 2 Apr 2015 16:53

Instrument :
 BNA_F
 ClientSampleId :
 FD2RE

Tgt Ion:244 Resp: 469986
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 8.5 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.61 min Scan# 1463
 Delta R.T. -0.06 min
 Lab File: BF078203.D
 Acq: 2 Apr 2015 16:53

Tgt Ion:264 Resp: 166739
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 21.0 17.0 25.6

