

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078260.D
 Acq On : 6 Apr 2015 16:48
 Operator : TP/IZ
 Sample : G1710-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Quant Time: Apr 07 01:25:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

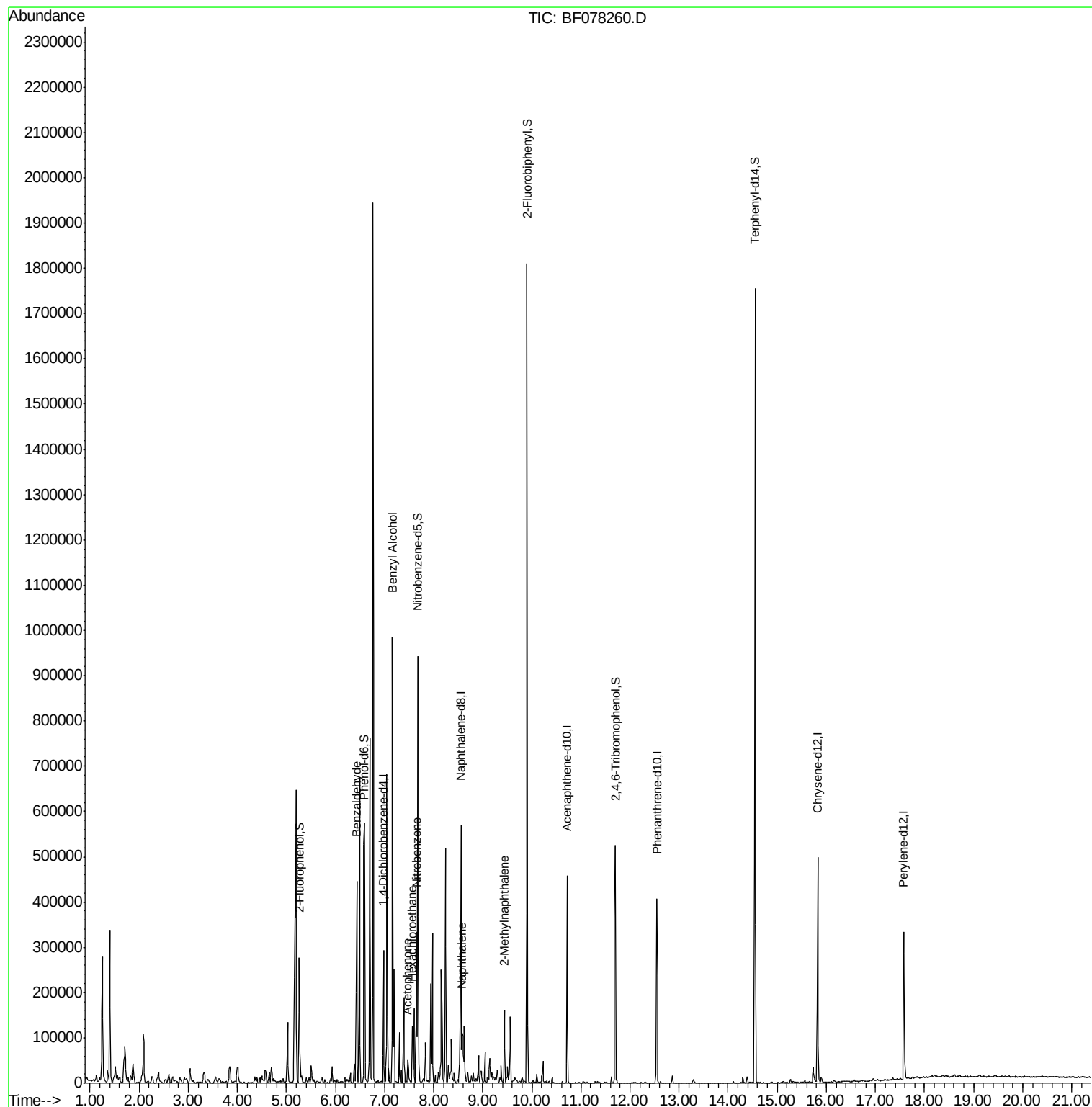
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	46157	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	192738	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	95522	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	190806	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	200812	20.00	ng	-0.02
86) Perylene-d12	17.57	264	183673	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	110986	39.65	ng	0.00
7) Phenol-d6	6.58	99	97602	27.82	ng	0.00
23) Nitrobenzene-d5	7.68	82	230791	72.58	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	77842	98.26	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	555432	83.12	ng	0.00
78) Terphenyl-d14	14.55	244	627839	70.65	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.43	77	23027	9.90	ng	# 1
15) Benzyl Alcohol	7.16	79	4955	2.01	ng	# 48
18) Hexachloroethane	7.56	117	5972	4.84	ng	# 1
22) Acetophenone	7.47	105	27927	6.22	ng	# 62
24) Nitrobenzene	7.65	77	17213	5.18	ng	# 12
31) Naphthalene	8.58	128	56509	5.63	ng	99
37) 2-Methylnaphthalene	9.44	142	50267	7.38	ng	96

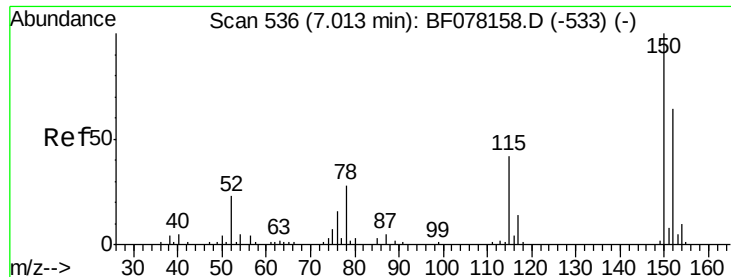
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 07 01:25:34 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampled :

W-18

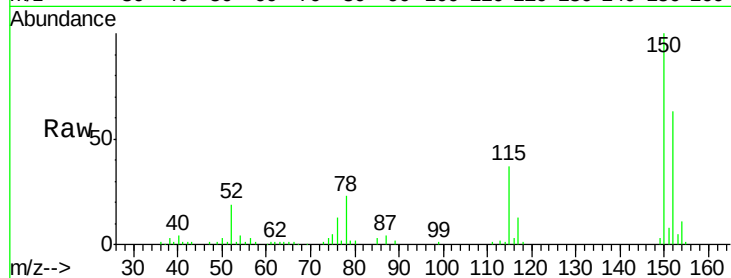
Tgt Ion:152 Resp: 46157

Ion Ratio Lower Upper

152 100

150 157.6 125.9 188.9

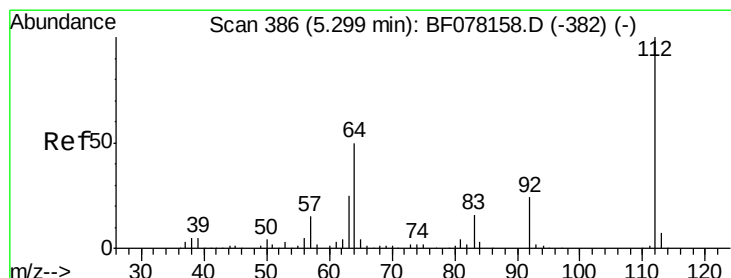
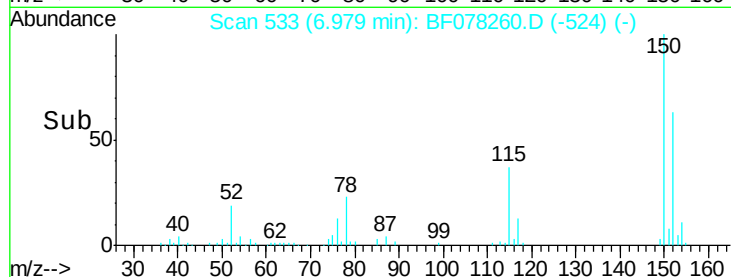
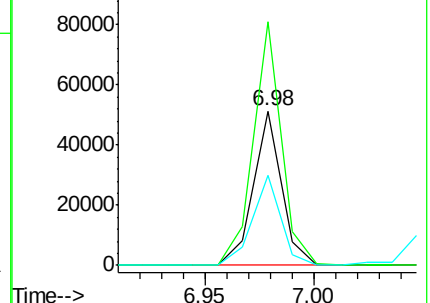
115 58.3 52.7 79.1



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: 39.65 ng

RT: 5.26 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

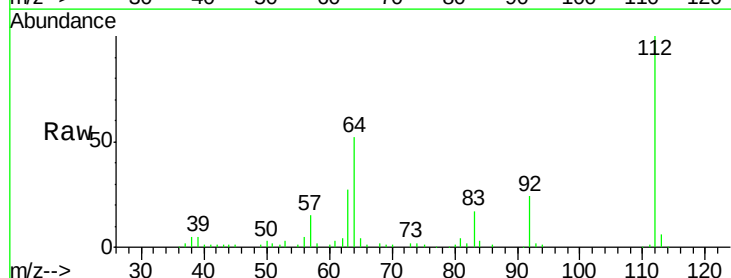
Tgt Ion:112 Resp: 110986

Ion Ratio Lower Upper

112 100

64 51.5 39.9 59.9

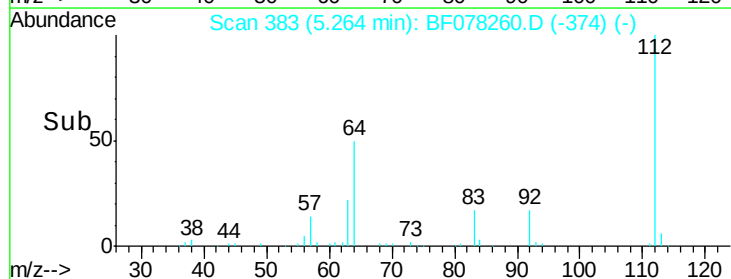
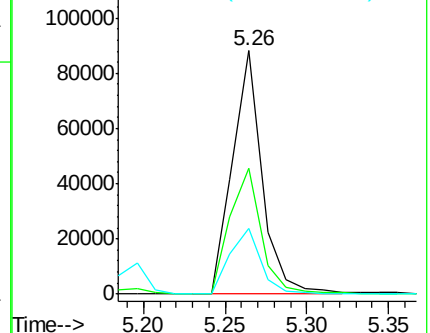
63 26.8 20.2 30.4

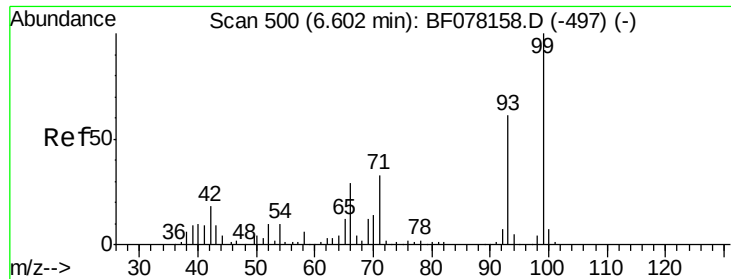


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.82 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampleId :

W-18

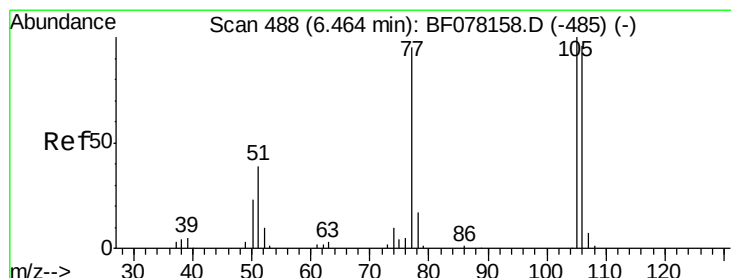
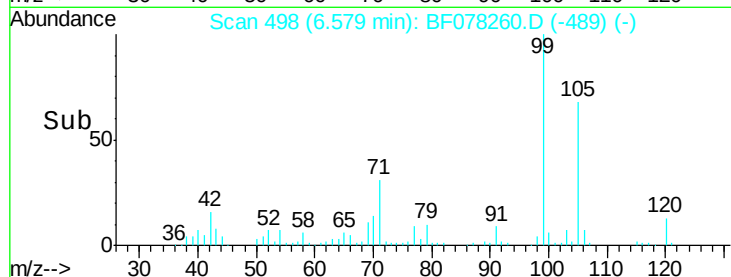
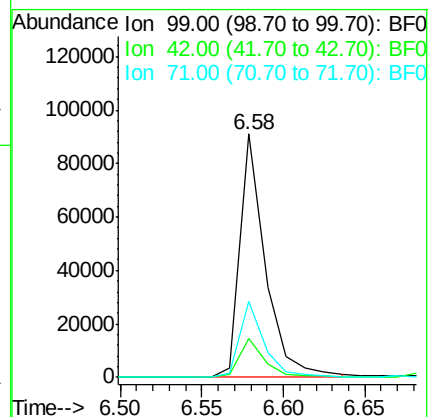
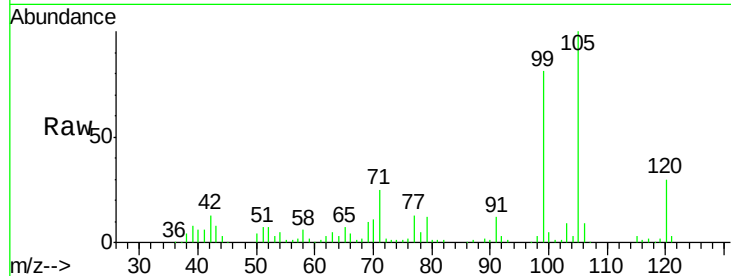
Tgt Ion: 99 Resp: 97602

Ion Ratio Lower Upper

99 100

42 16.2 14.8 22.2

71 31.3 26.6 39.8



#9

Benzaldehyde

Concen: 9.90 ng

RT: 6.43 min Scan# 485

Delta R.T. 0.01 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

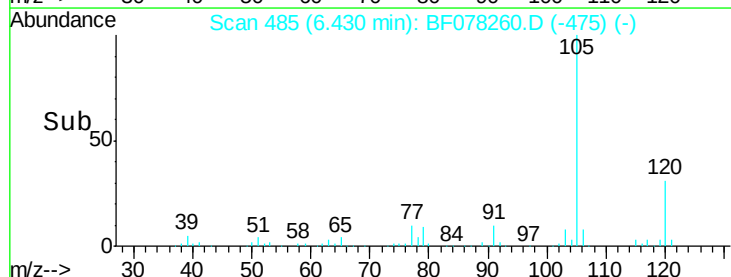
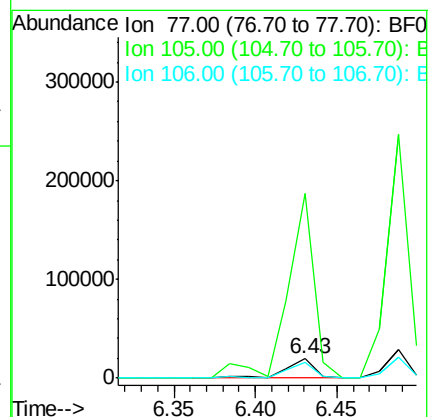
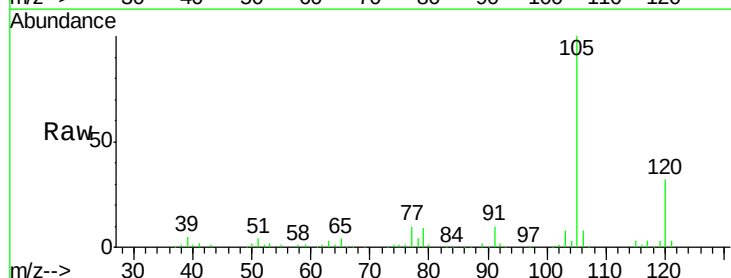
Tgt Ion: 77 Resp: 23027

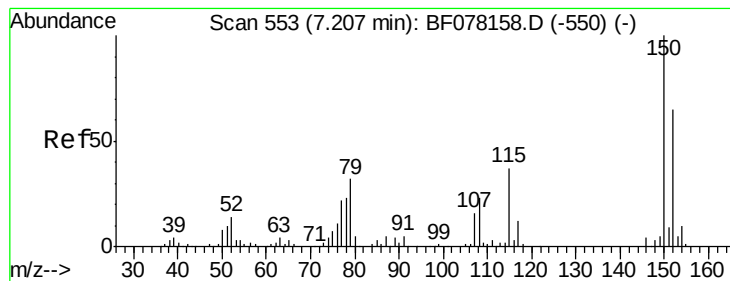
Ion Ratio Lower Upper

77 100

105 969.3 85.4 125.4#

106 80.9 80.8 120.8





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.16 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampleId :

W-18

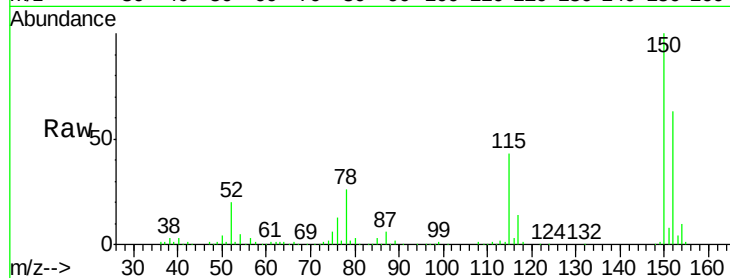
Tgt Ion: 79 Resp: 4955

Ion Ratio Lower Upper

79 100

108 30.7 57.6 86.4#

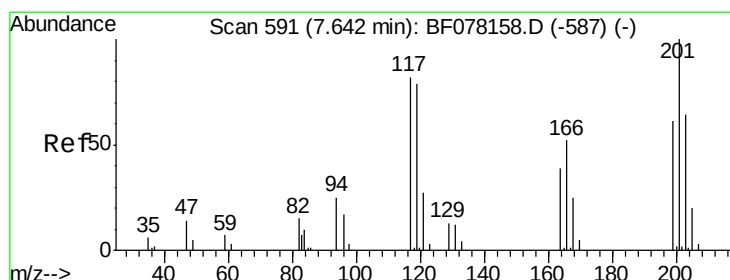
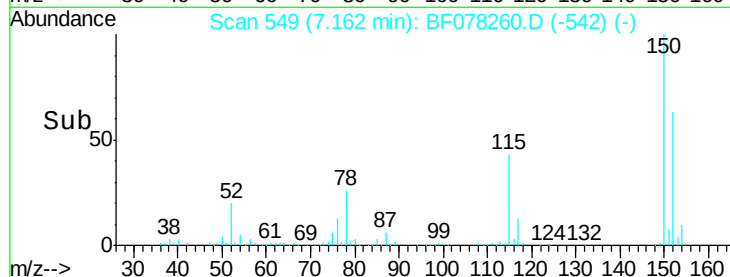
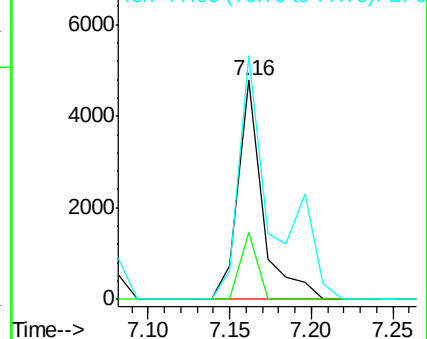
77 111.3 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 4.84 ng

RT: 7.56 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

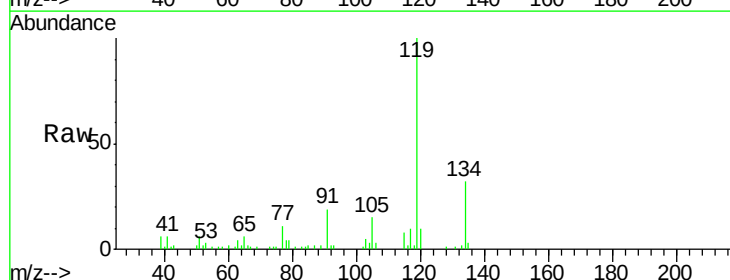
Tgt Ion: 117 Resp: 5972

Ion Ratio Lower Upper

117 100

119 1006.3 77.0 115.6#

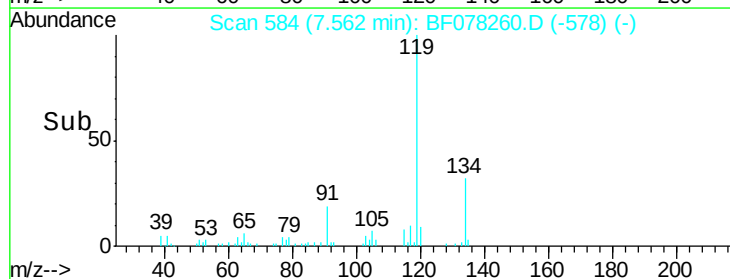
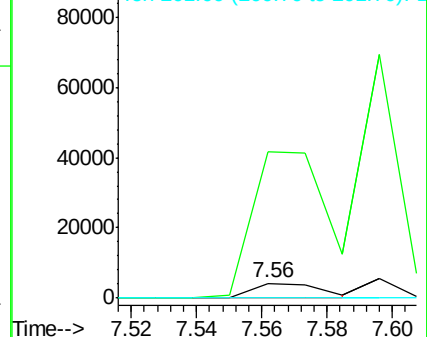
201 0.0 98.1 147.1#

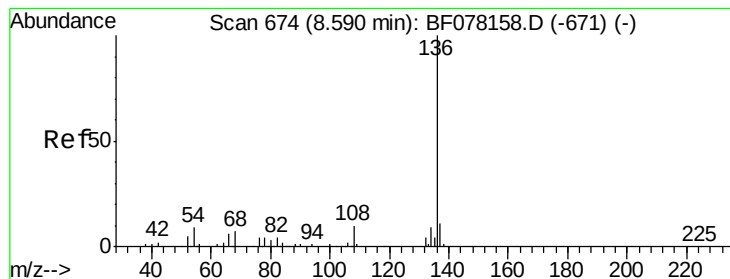


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampleId :

W-18

Tgt Ion:136 Resp: 192738

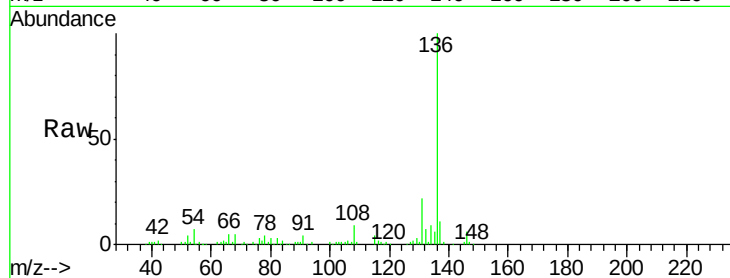
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 7.0 10.6#

68 5.3 5.4 8.2#

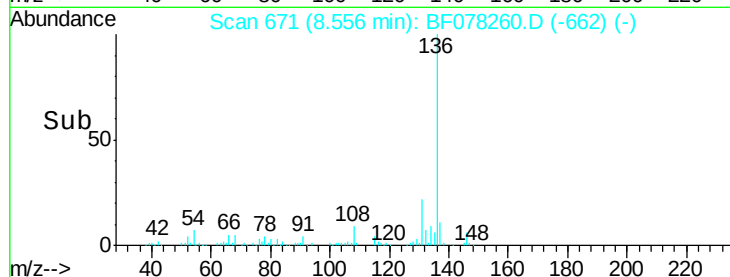


Abundance Ion 136.00 (135.70 to 136.70): E

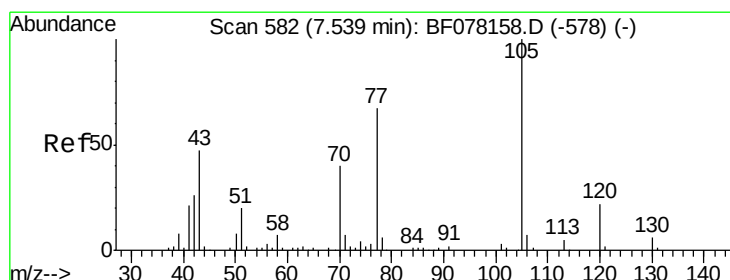
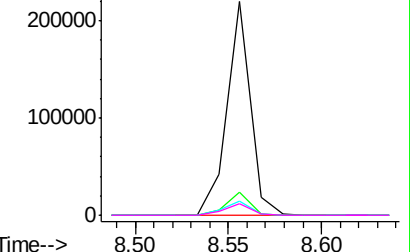
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 6.22 ng

RT: 7.47 min Scan# 576

Delta R.T. -0.02 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Tgt Ion:105 Resp: 27927

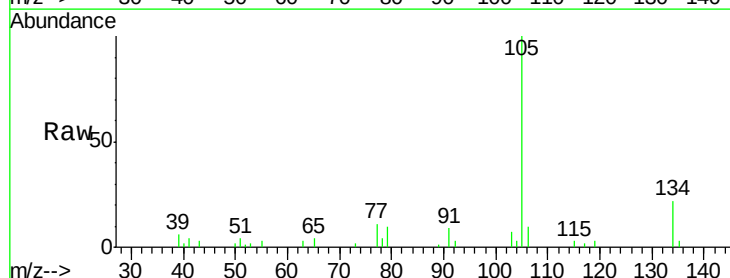
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 4.2 16.0 24.0#

120 0.0 17.8 26.6#

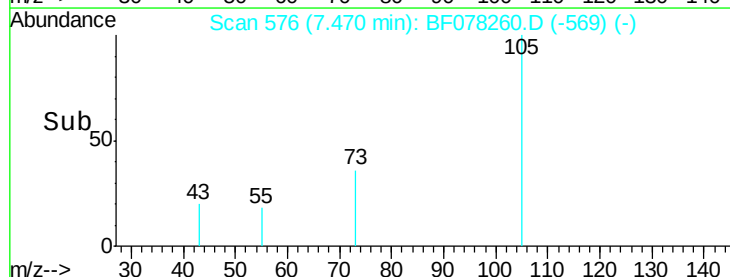


Abundance Ion 105.00 (104.70 to 105.70): E

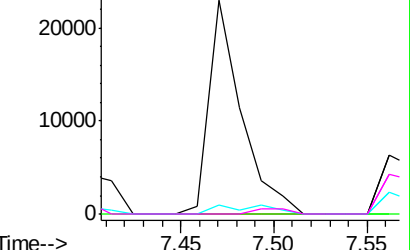
Ion 71.00 (70.70 to 71.70): BF0

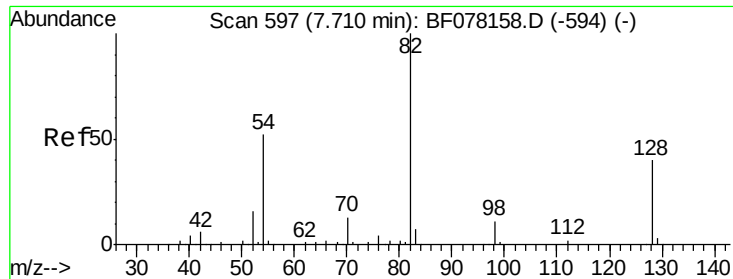
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

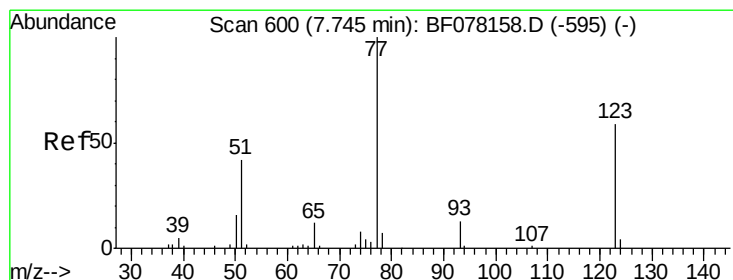
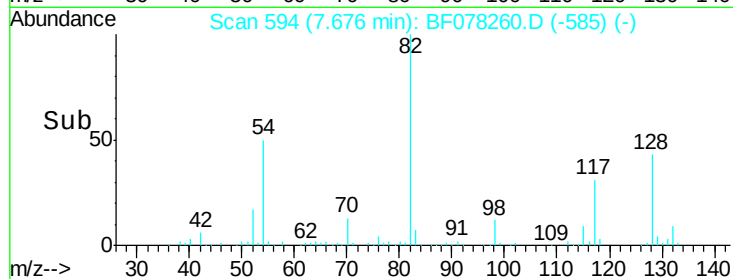
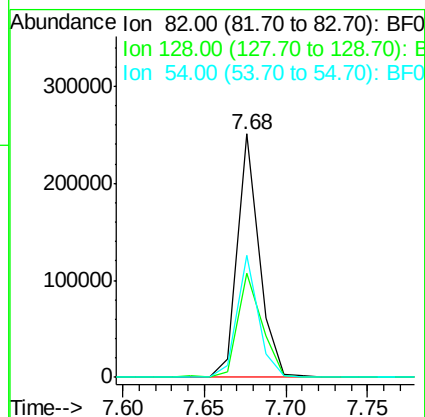
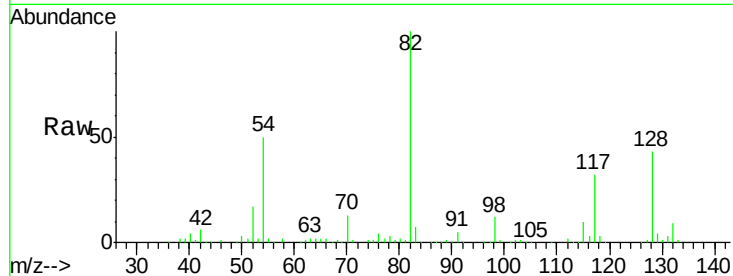




#23
 Nitrobenzene-d5
 Concen: 72.58 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

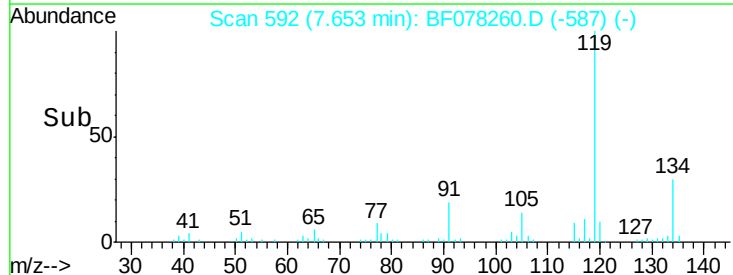
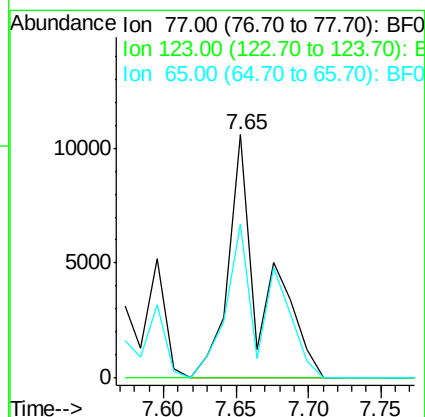
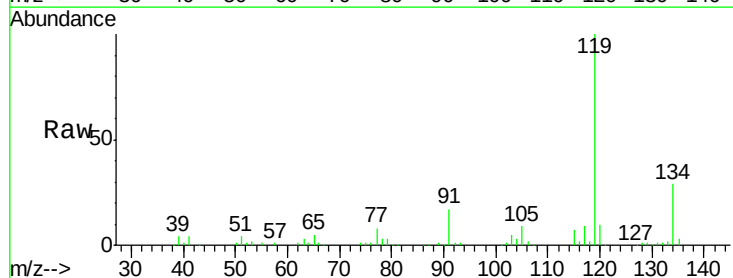
Instrument :
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 ClientSampleId :
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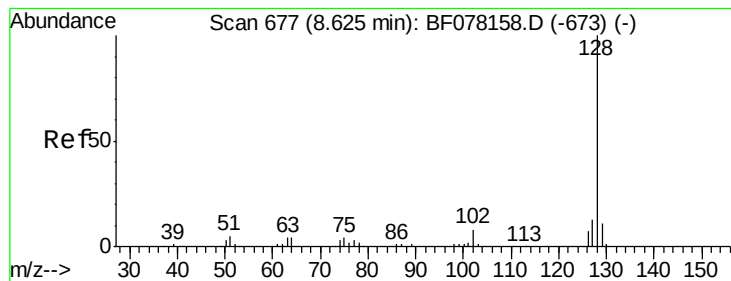
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.8	47.8
54	50.0	41.5	62.3



#24
 Nitrobenzene
 Concen: 5.18 ng
 RT: 7.65 min Scan# 592
 Delta R.T. -0.05 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	46.9	70.3#
65	63.4	9.5	14.3#





#31

Naphthalene

Concen: 5.63 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampleId :

W-18

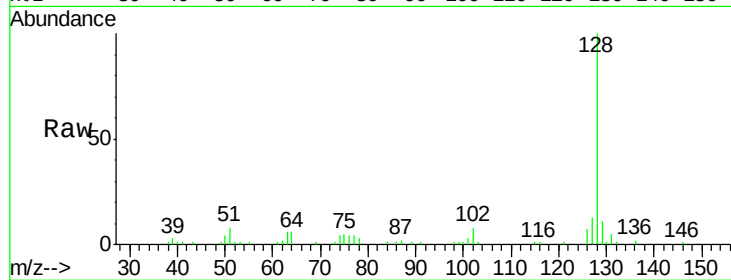
Tgt Ion:128 Resp: 56509

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

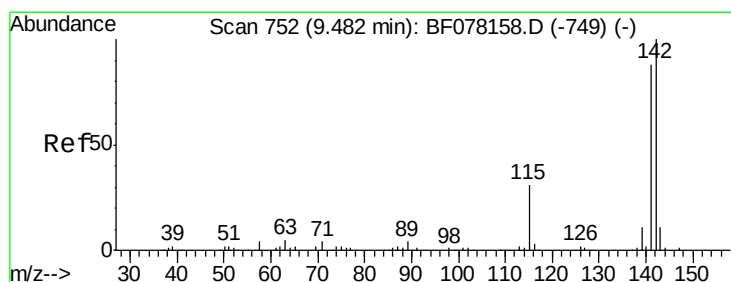
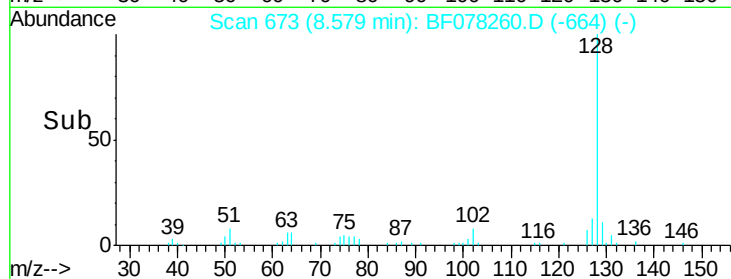
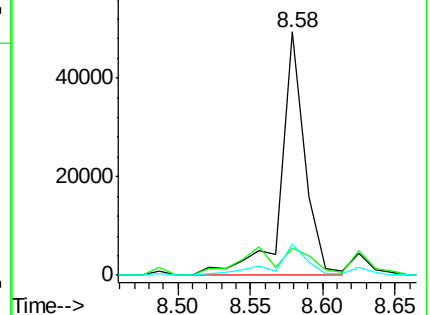
127 13.0 10.7 16.1



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: 7.38 ng

RT: 9.44 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

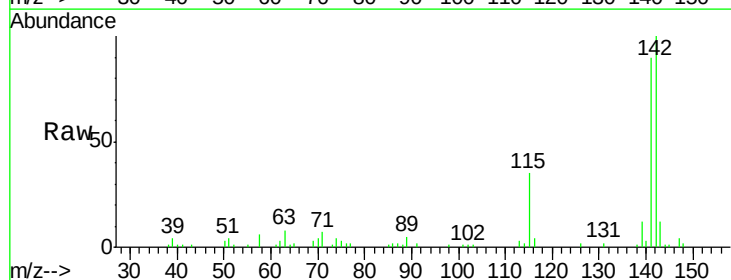
Tgt Ion:142 Resp: 50267

Ion Ratio Lower Upper

142 100

141 90.1 70.3 105.5

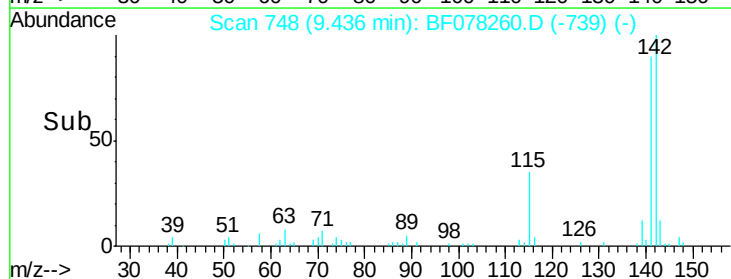
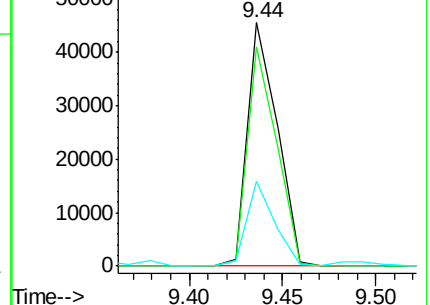
115 34.8 24.6 37.0

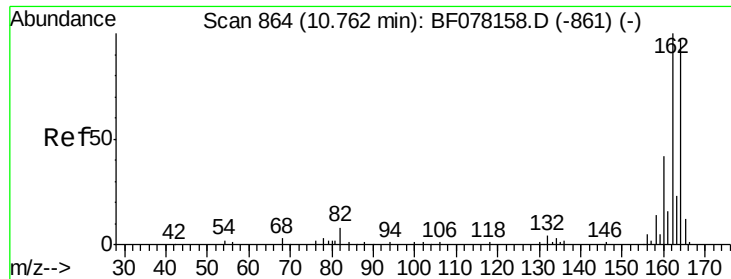


Abundance Ion 142.00 (141.70 to 142.70): E

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: 10.72 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

Instrument :

BNA_F

ClientSampled :

W-18

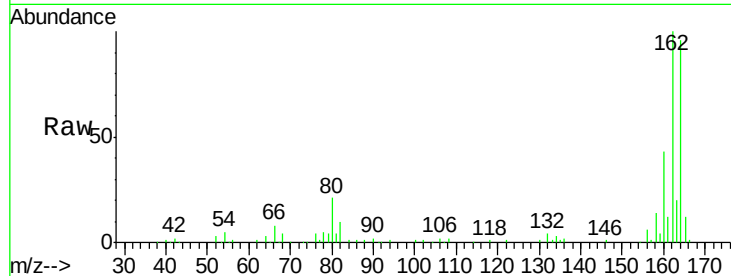
Tgt Ion:164 Resp: 95522

Ion Ratio Lower Upper

164 100

162 103.6 82.2 123.2

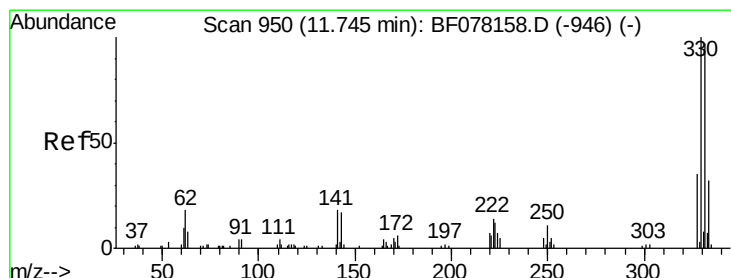
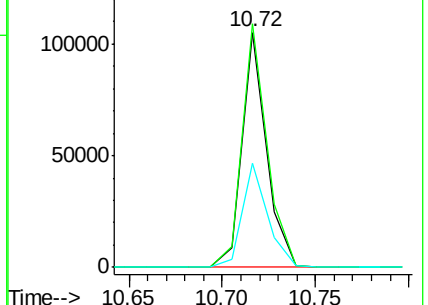
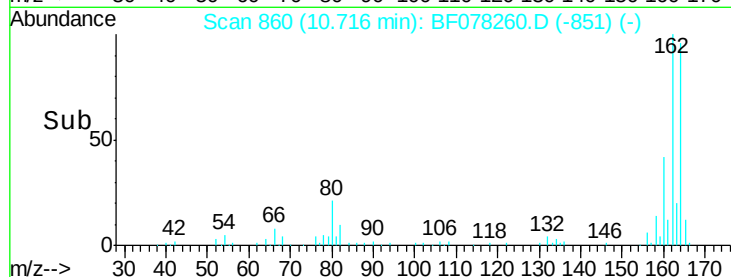
160 44.2 34.7 52.1



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: 98.26 ng

RT: 11.70 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF078260.D

Acq: 6 Apr 2015 16:48

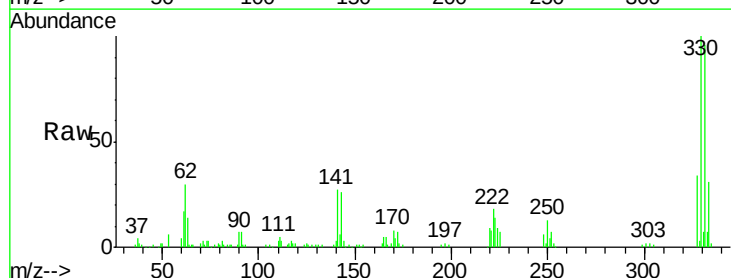
Tgt Ion:330 Resp: 77842

Ion Ratio Lower Upper

330 100

332 96.3 78.6 117.8

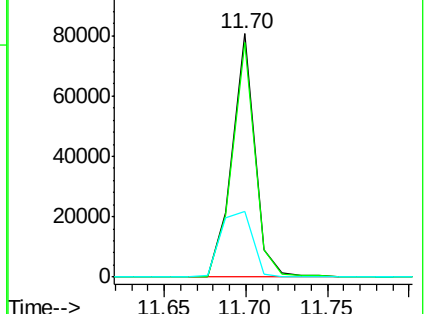
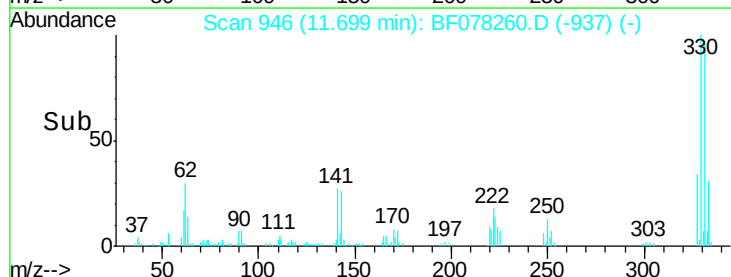
141 38.0 31.2 46.8

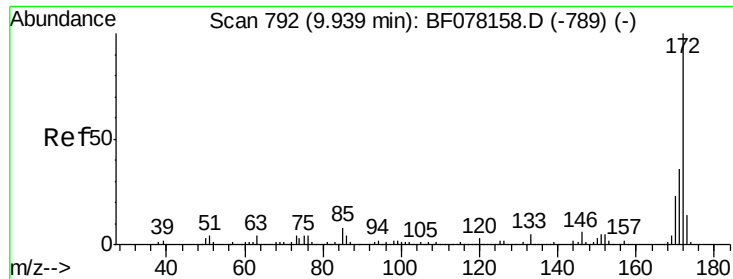


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

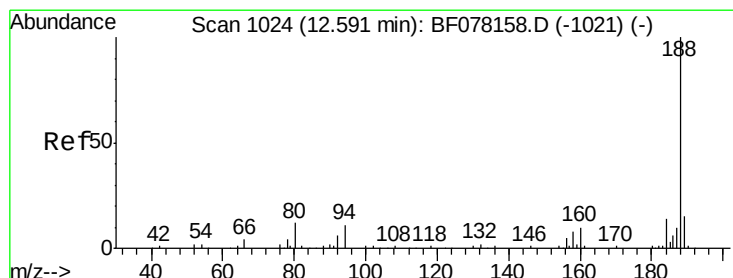
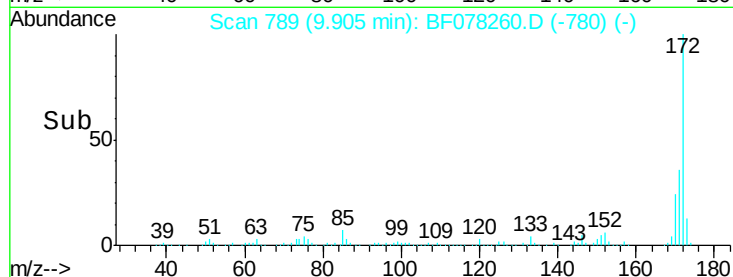
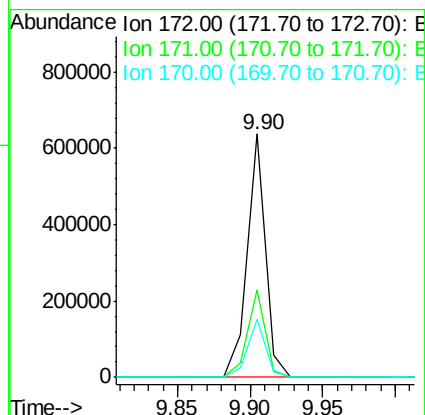
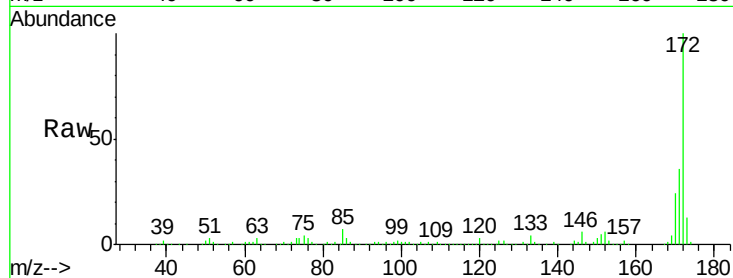




#44
 2-Fluorobiphenyl
 Concen: 83.12 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

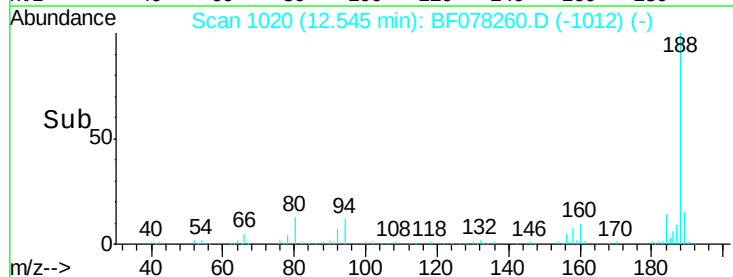
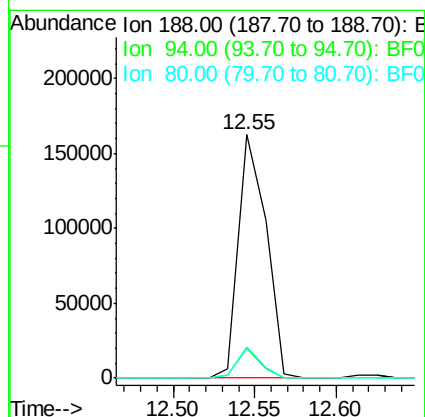
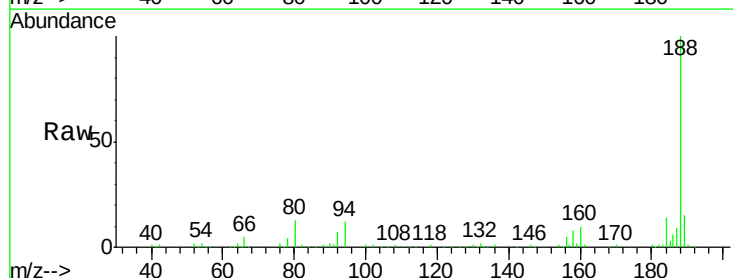
Instrument :
 BNA_F
 ClientSampleId :
 W-18

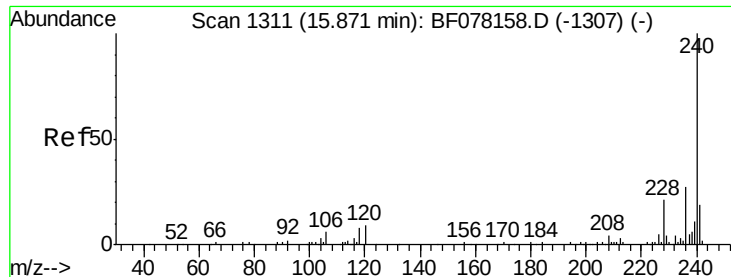
Tgt Ion:172 Resp: 555432
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.6 18.5 27.7



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF078260.D
 Acq: 6 Apr 2015 16:48

Tgt Ion:188 Resp: 190806
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.0 13.4
 80 12.9 9.5 14.3

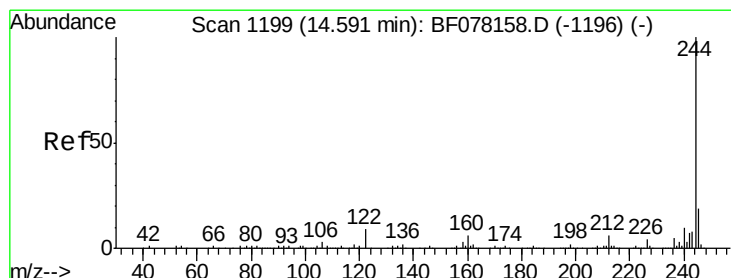
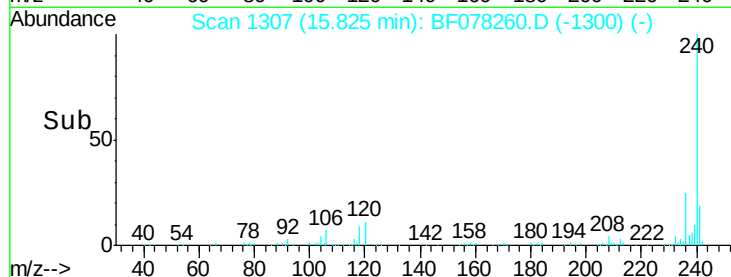
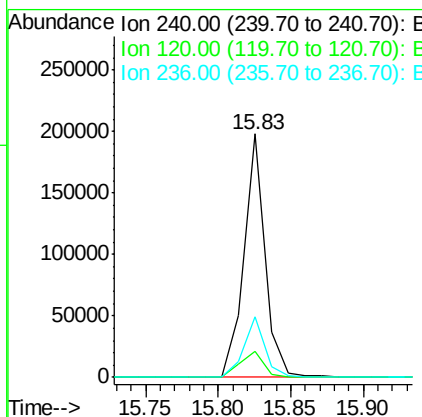
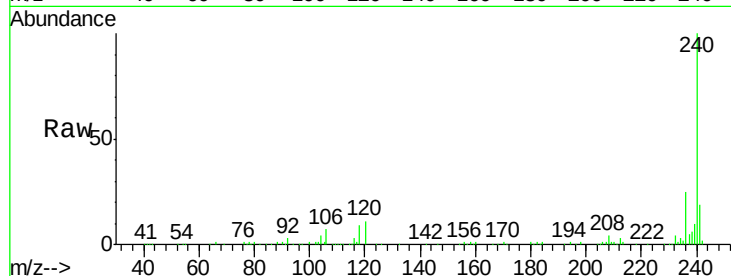




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.83 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

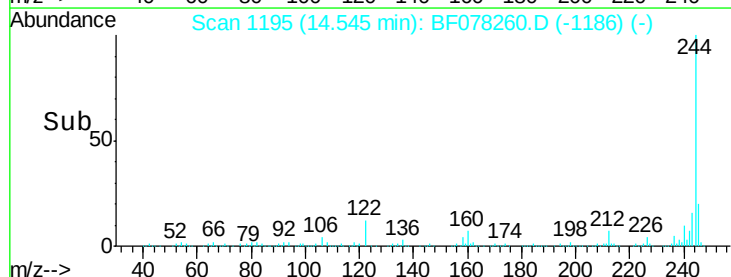
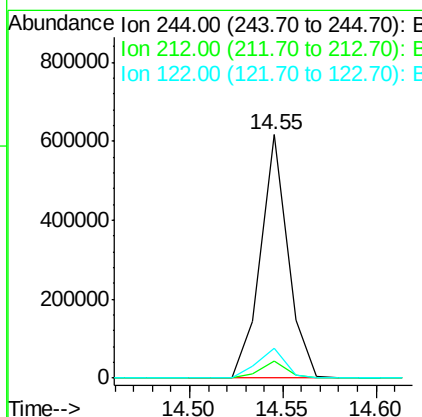
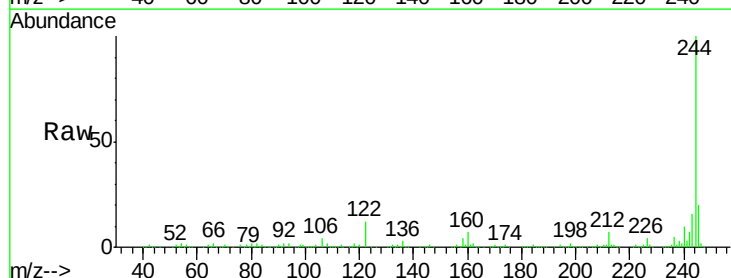
Instrument :
BNA_F
ClientSampled :
W-18

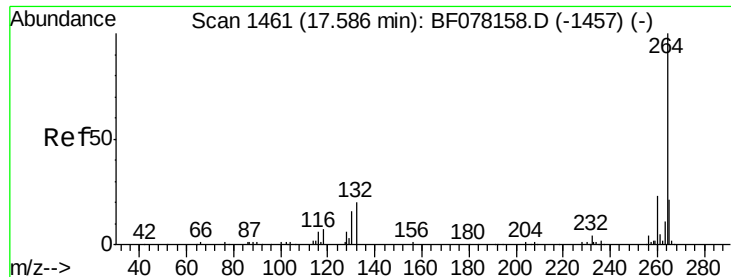
Tgt Ion:240 Resp: 200812
Ion Ratio Lower Upper
240 100
120 10.7 7.1 10.7#
236 24.8 21.4 32.2



#78
Terphenyl-d14
Concen: 70.65 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Tgt Ion:244 Resp: 627839
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 12.5 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.57 min Scan# 1460
Delta R.T. -0.07 min
Lab File: BF078260.D
Acq: 6 Apr 2015 16:48

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion: 264 Resp: 183673
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.5 17.0 25.6

