

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078402.D
 Acq On : 10 Apr 2015 16:30
 Operator : TP/IZ
 Sample : G1805-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Apr 11 00:45:50 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	26122	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	107410	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	54333	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	109869	20.00	ng	0.00
75) Chrysene-d12	15.68	240	124769	20.00	ng	-0.01
86) Perylene-d12	17.38	264	125575	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.12	112	103585	65.38	ng	0.00
7) Phenol-d6	6.46	99	80630	40.61	ng	0.00
23) Nitrobenzene-d5	7.56	82	161875	91.35	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	70718	156.94	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	328790	86.50	ng	0.00
78) Terphenyl-d14	14.41	244	389896	70.61	ng	0.00

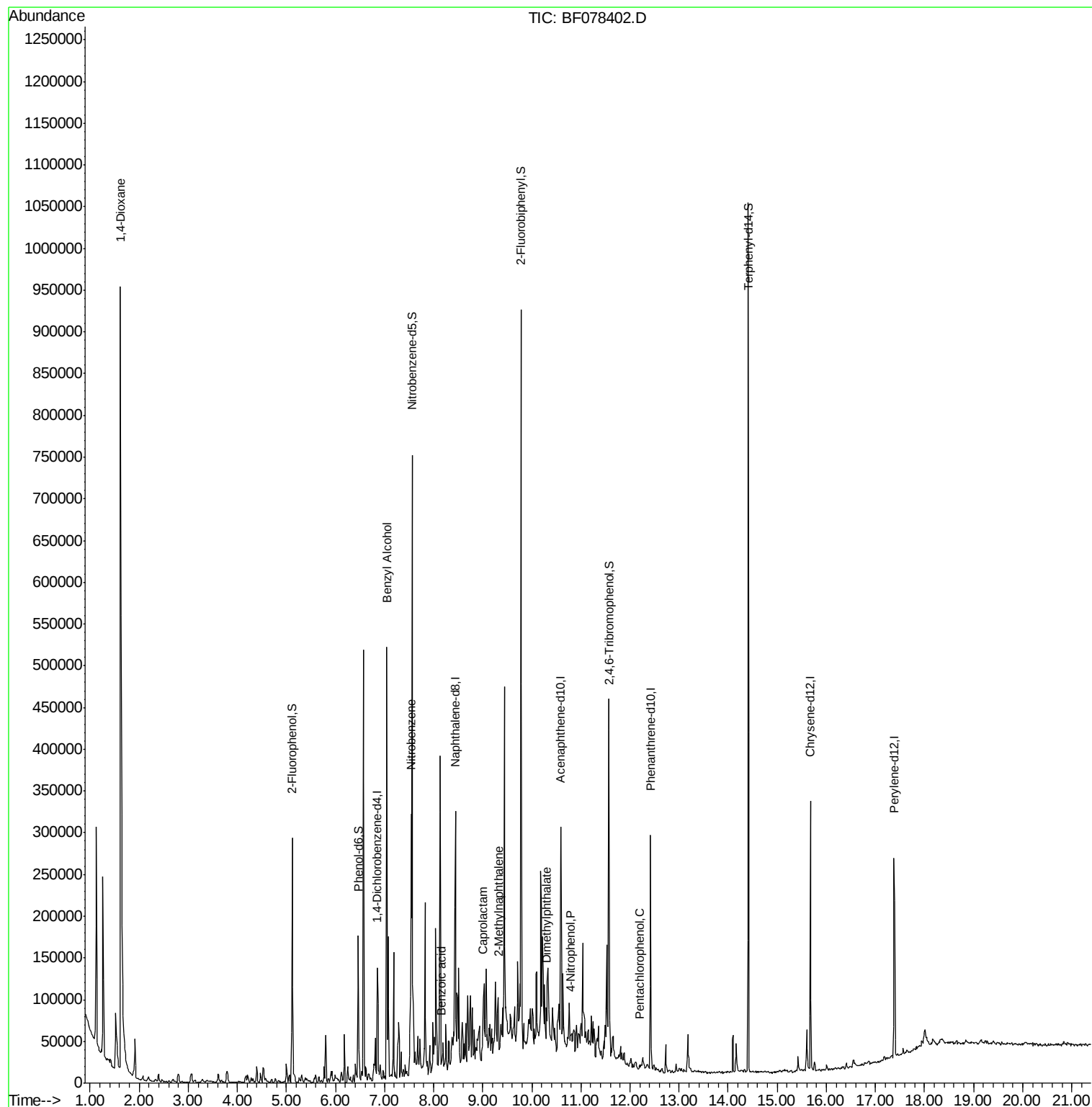
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.62	88	37649	52.55	ng	# 23
15) Benzyl Alcohol	7.05	79	4169	2.99	ng	# 57
24) Nitrobenzene	7.54	77	14767	7.97	ng	# 15
32) Benzoic acid	8.17	122	1501	7.50	ng	# 66
35) Caprolactam	9.01	113	1416	3.18	ng	# 1
37) 2-Methylnaphthalene	9.32	142	12213	3.22	ng	# 93
49) Dimethylphthalate	10.29	163	9171	2.25	ng	# 88
55) 4-Nitrophenol	10.78	139	451	3.38	ng	# 1
69) Pentachlorophenol	12.20	266	856	9.13	ng	95

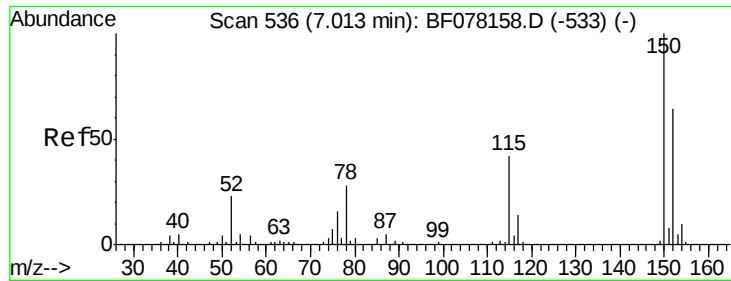
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

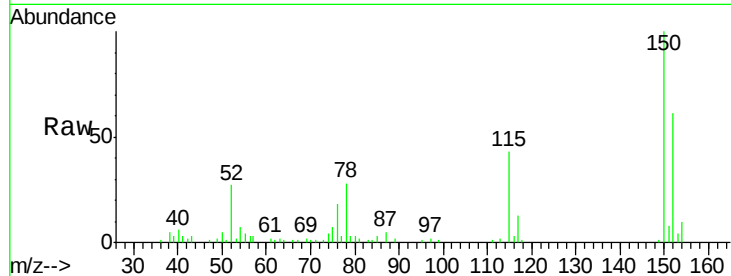
Tgt Ion:152 Resp: 26122

Ion Ratio Lower Upper

152 100

150 164.0 125.9 188.9

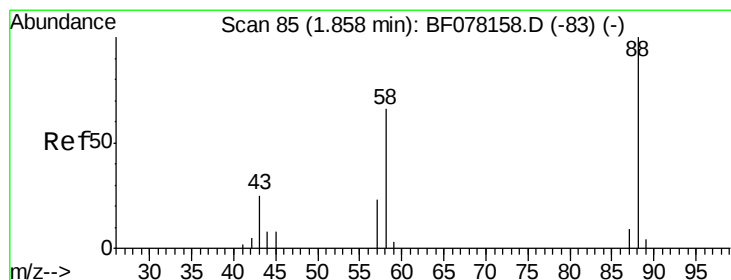
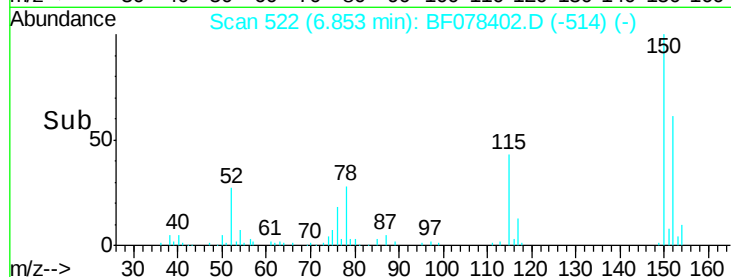
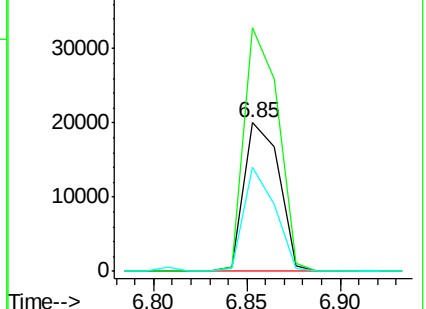
115 70.0 52.7 79.1



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



#2

1,4-Dioxane

Concen: 52.55 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

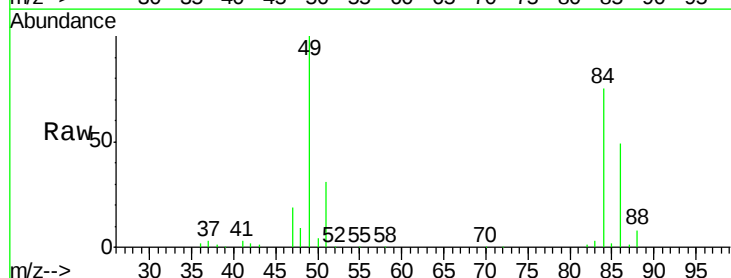
Tgt Ion: 88 Resp: 37649

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

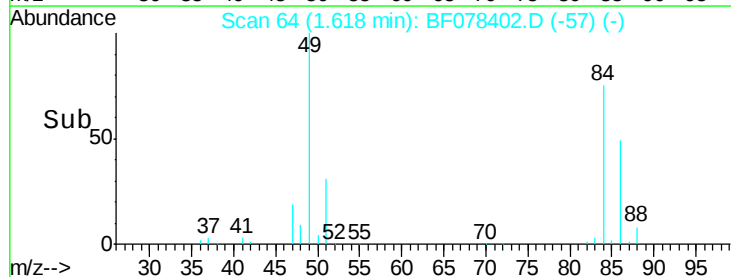
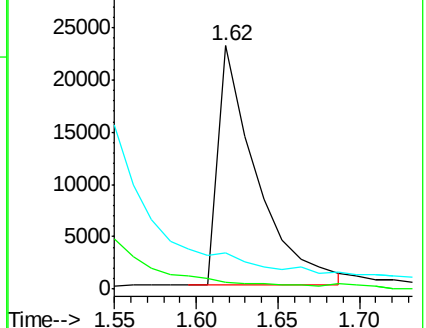
43 0.0 21.4 32.2#

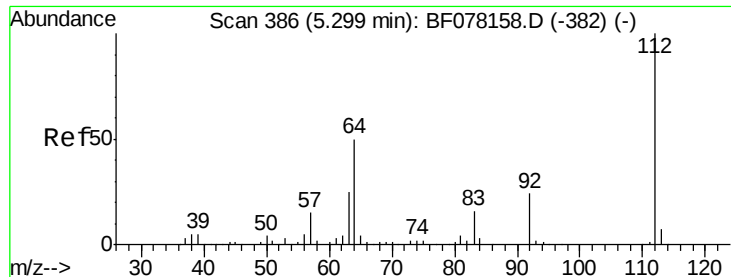


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 65.38 ng

RT: 5.12 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

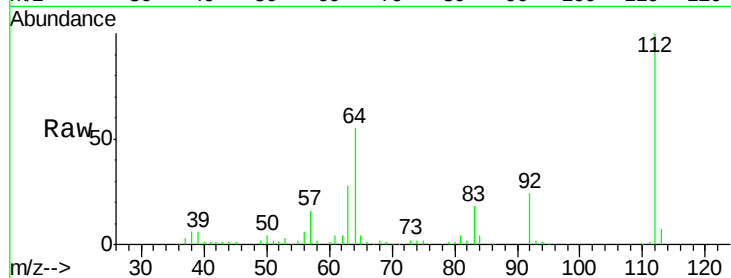
Tgt Ion: 112 Resp: 103585

Ion Ratio Lower Upper

112 100

64 54.5 39.9 59.9

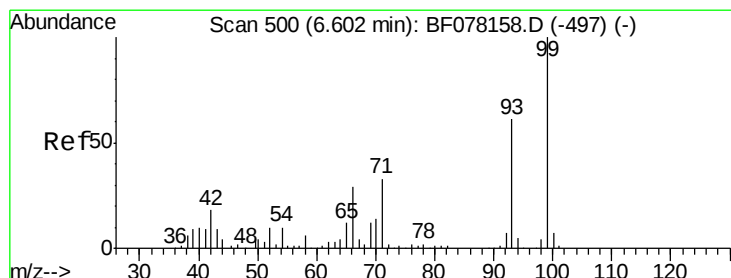
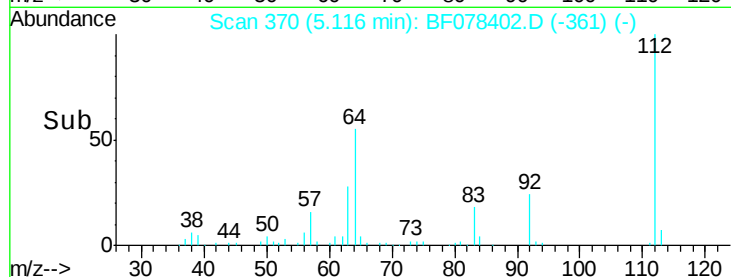
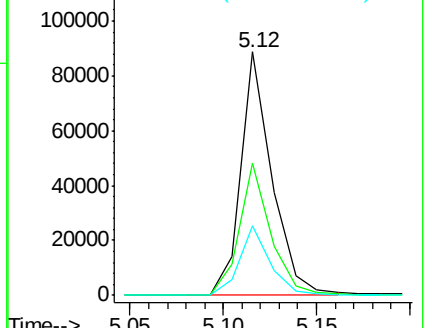
63 28.3 20.2 30.4



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: 40.61 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

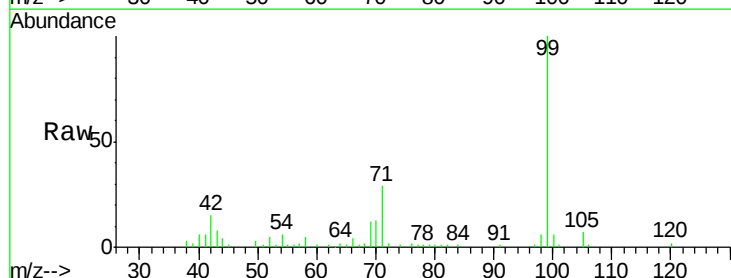
Tgt Ion: 99 Resp: 80630

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

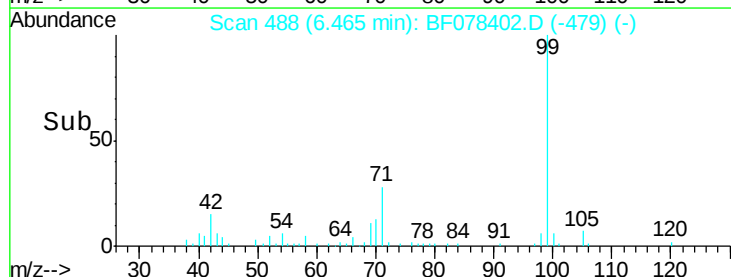
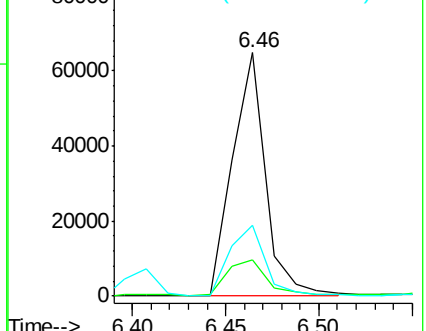
71 29.2 26.6 39.8

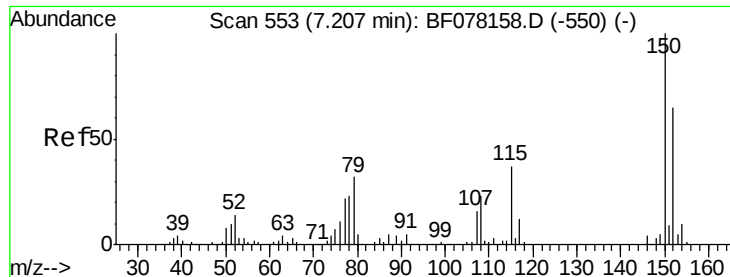


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

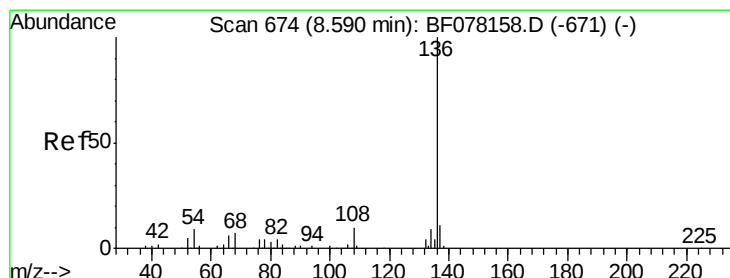
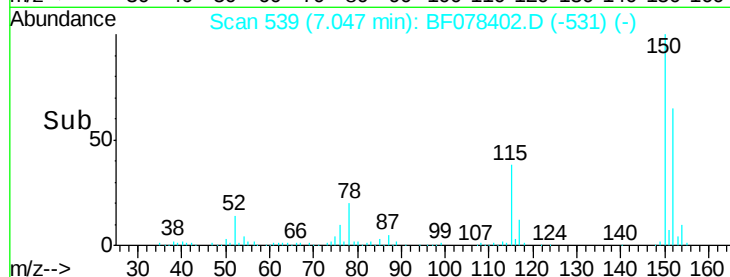
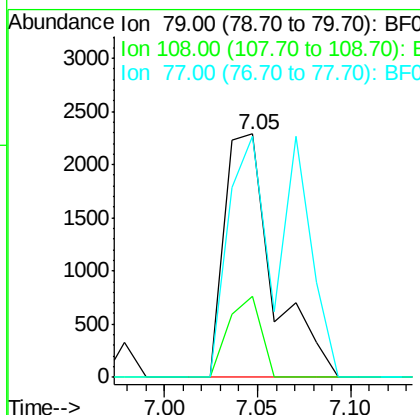
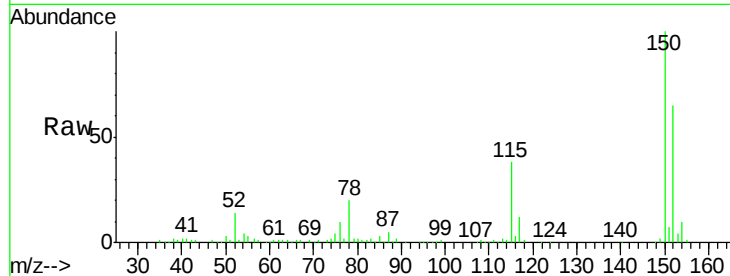




#15
Benzyl Alcohol
Concen: 2.99 ng
RT: 7.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

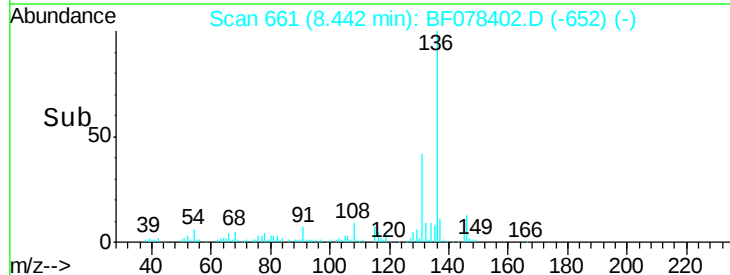
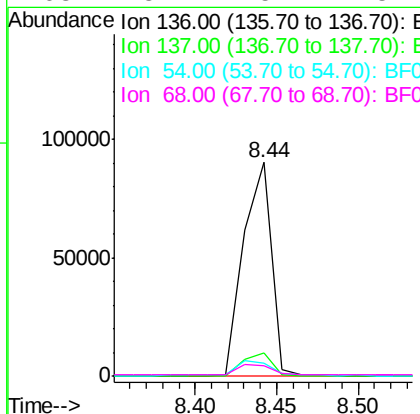
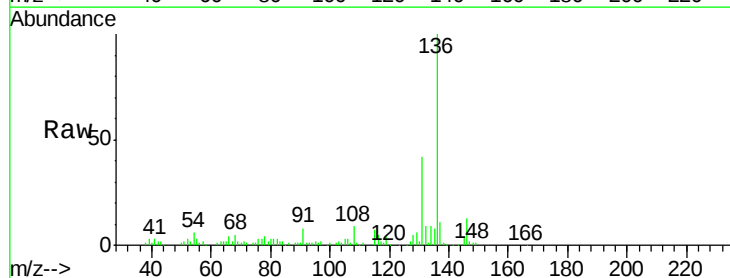
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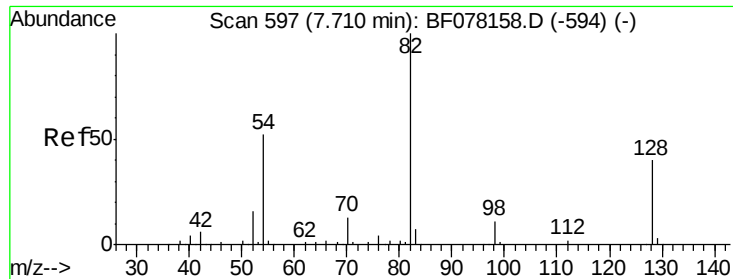
Tgt Ion: 79 Resp: 4169
Ion Ratio Lower Upper
79 100
108 33.2 57.6 86.4#
77 98.8 53.5 80.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

Tgt Ion: 136 Resp: 107410
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.0 7.0 10.6#
68 5.1 5.4 8.2#

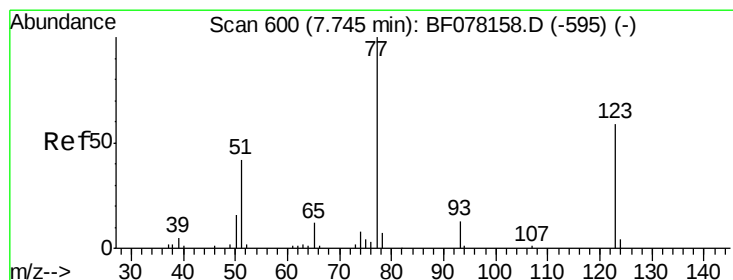
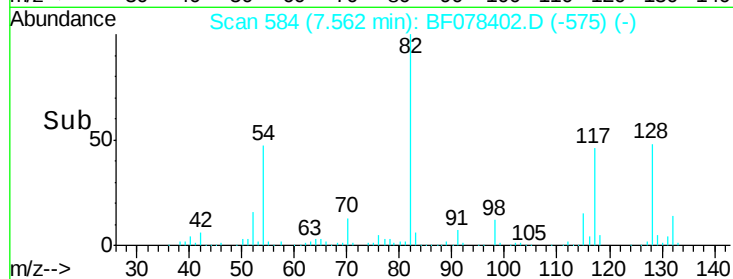
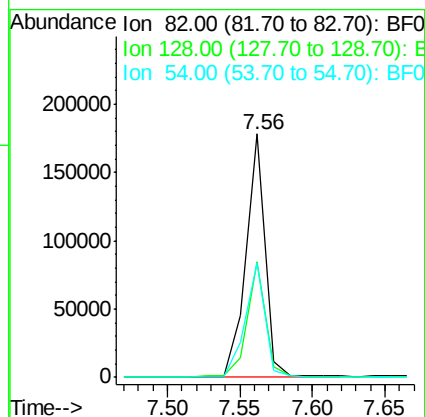
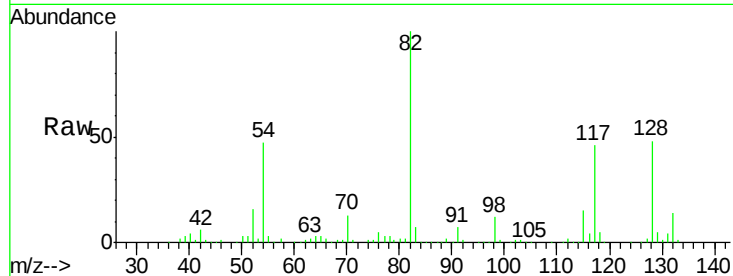




#23
 Nitrobenzene-d5
 Concen: 91.35 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

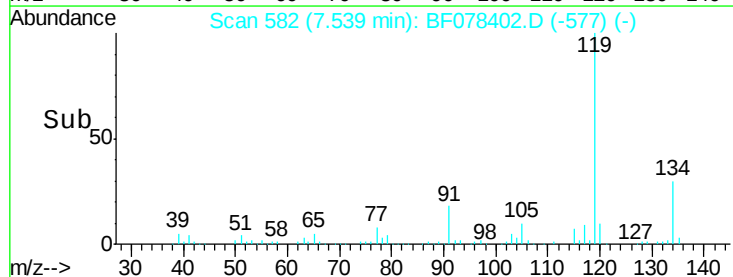
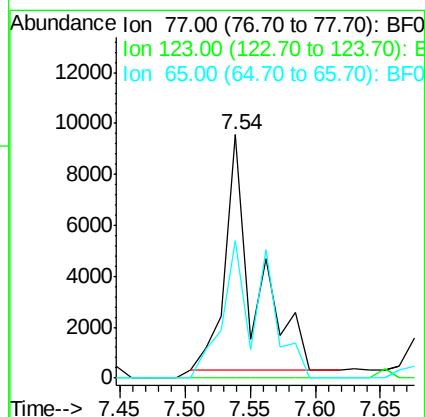
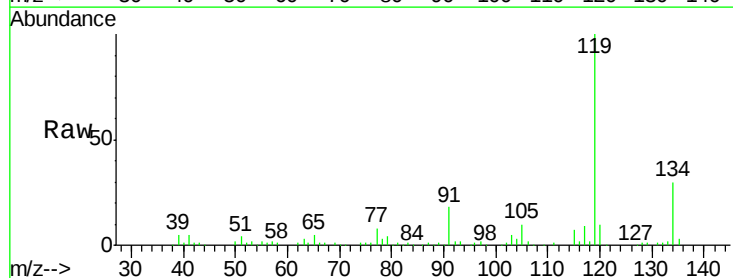
Instrument :
 BNA_F
 ClientSampleID :
 MW-03

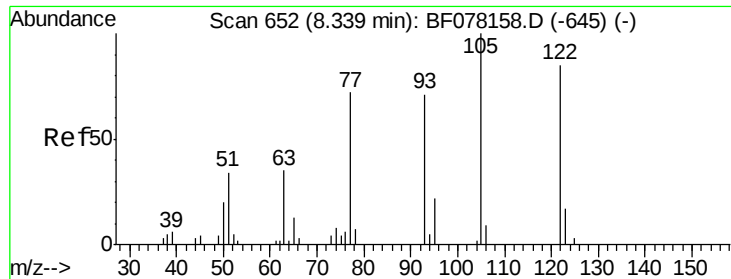
Tgt Ion: 82 Resp: 161875
 Ion Ratio Lower Upper
 82 100
 128 47.5 31.8 47.8
 54 47.1 41.5 62.3



#24
 Nitrobenzene
 Concen: 7.97 ng
 RT: 7.54 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

Tgt Ion: 77 Resp: 14767
 Ion Ratio Lower Upper
 77 100
 123 0.0 46.9 70.3#
 65 56.6 9.5 14.3#

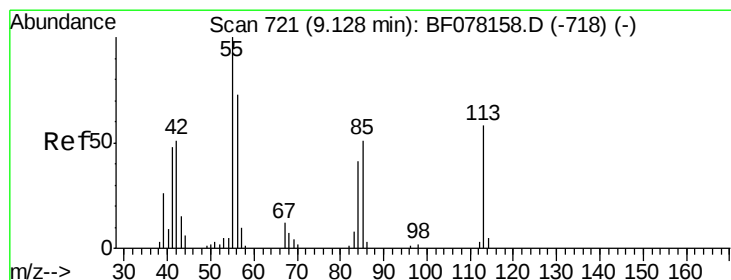
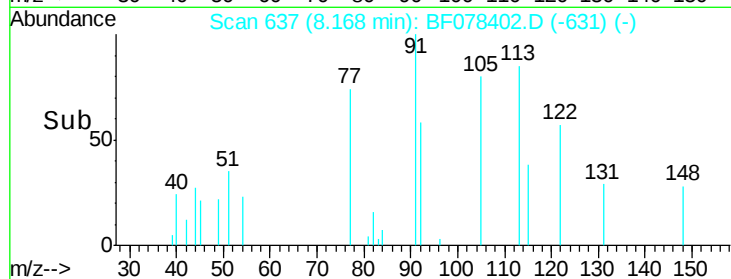
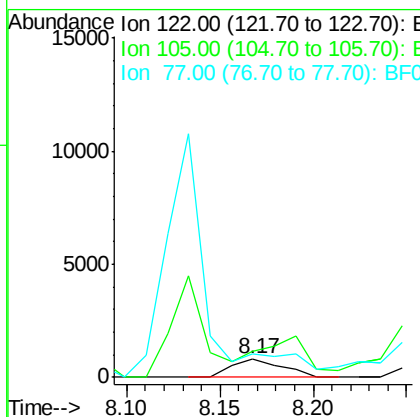
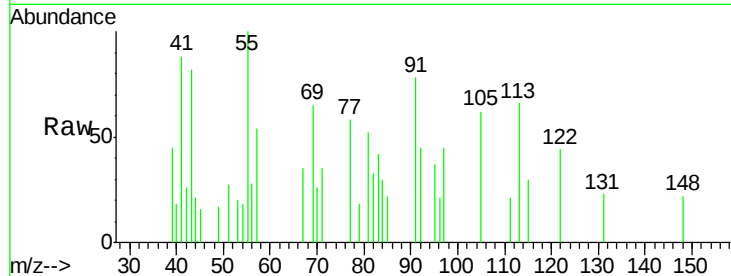




#32
Benzoic acid
Concen: 7.50 ng
RT: 8.17 min Scan# 637
Delta R.T. -0.03 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

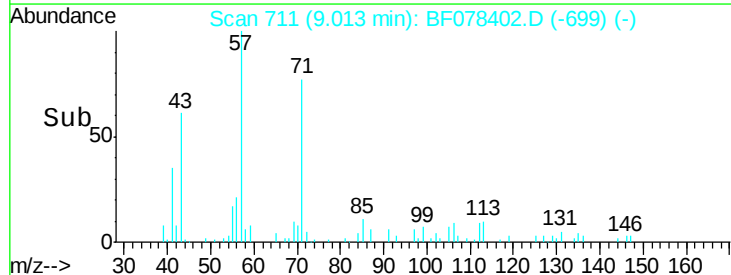
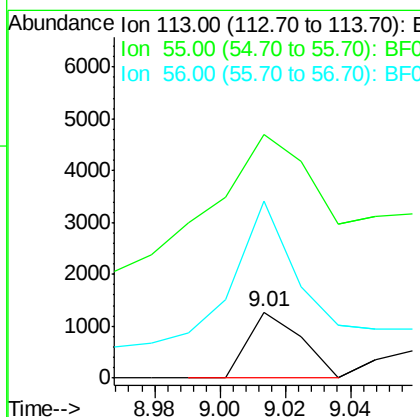
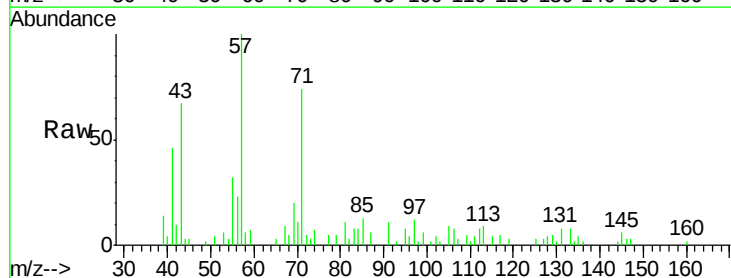
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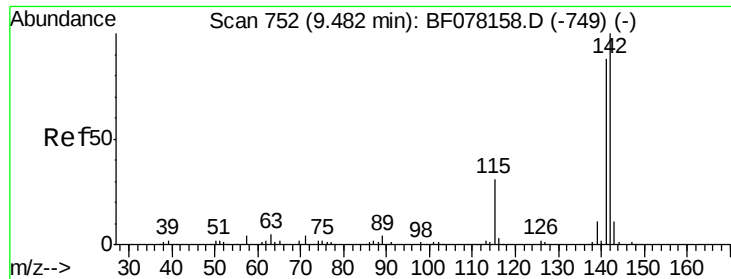
Tgt Ion:122 Resp: 1501
Ion Ratio Lower Upper
122 100
105 140.4 96.1 136.1#
77 130.0 64.1 104.1#



#35
Caprolactam
Concen: 3.18 ng
RT: 9.01 min Scan# 711
Delta R.T. 0.03 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

Tgt Ion:113 Resp: 1416
Ion Ratio Lower Upper
113 100
55 370.5 151.9 191.9#
56 268.7 106.1 146.1#





#37

2-Methylnaphthalene

Concen: 3.22 ng

RT: 9.32 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

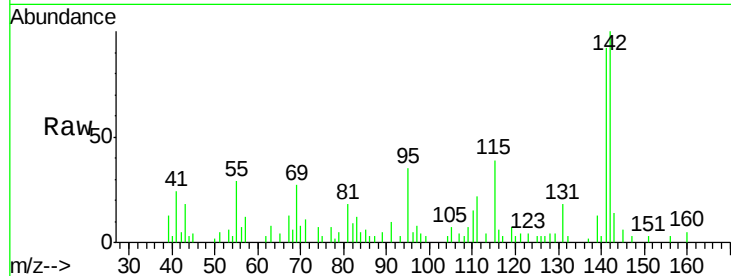
Tgt Ion:142 Resp: 12213

Ion Ratio Lower Upper

142 100

141 92.1 70.3 105.5

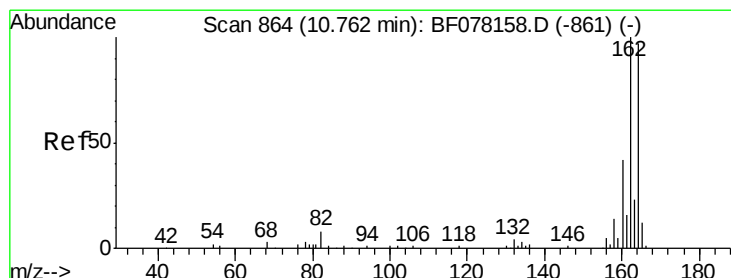
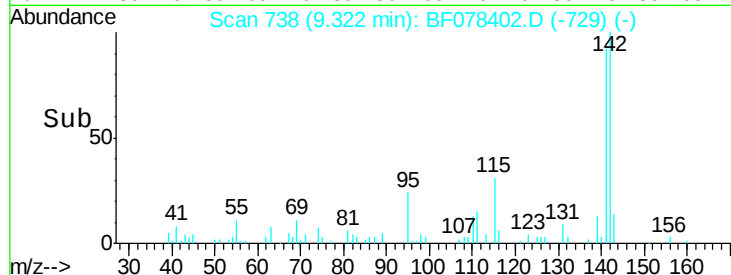
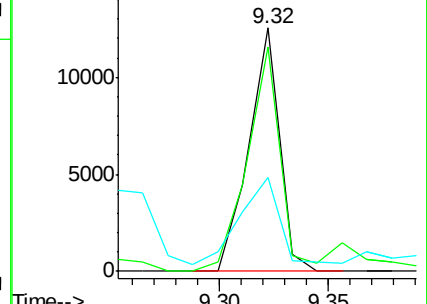
115 38.5 24.6 37.0#



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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

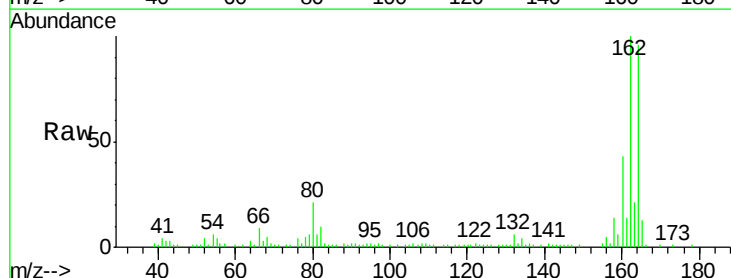
Tgt Ion:164 Resp: 54333

Ion Ratio Lower Upper

164 100

162 104.5 82.2 123.2

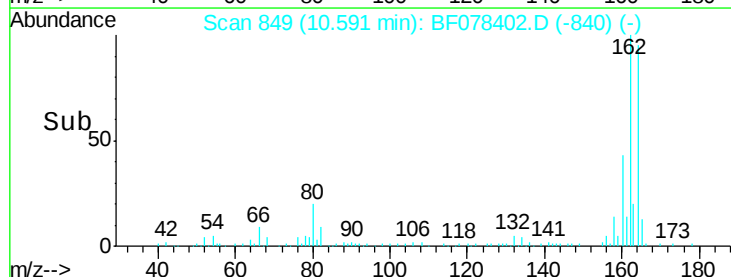
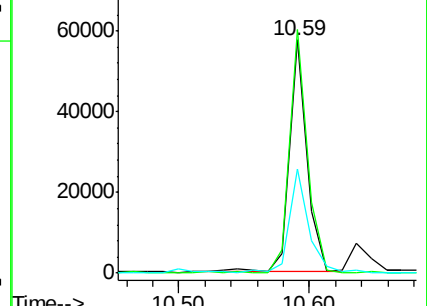
160 44.7 34.7 52.1

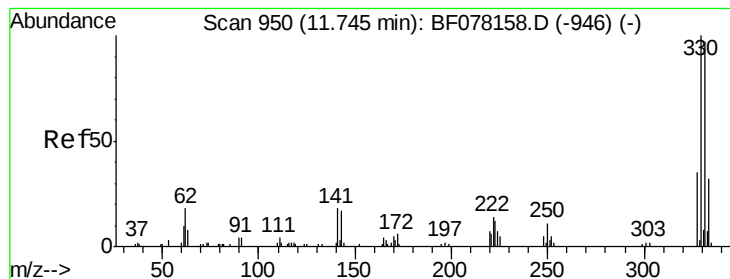


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

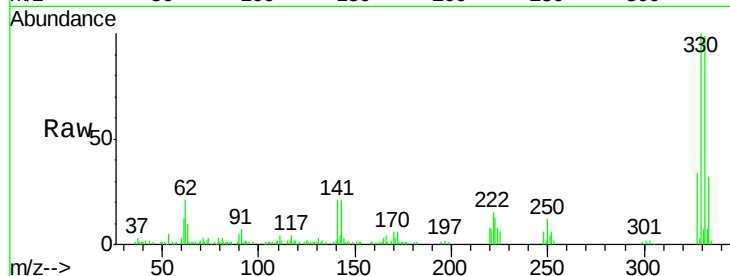




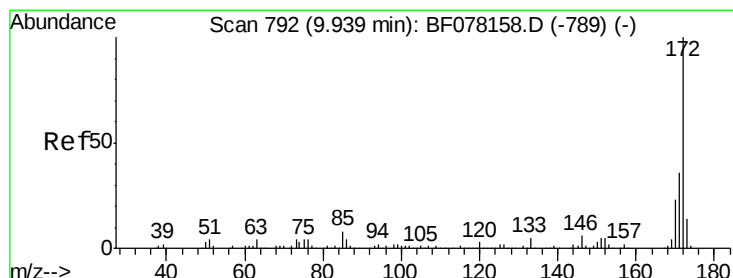
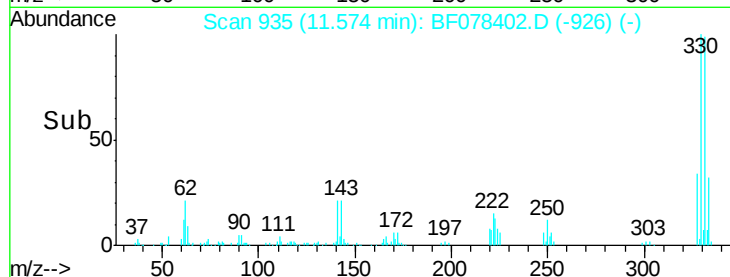
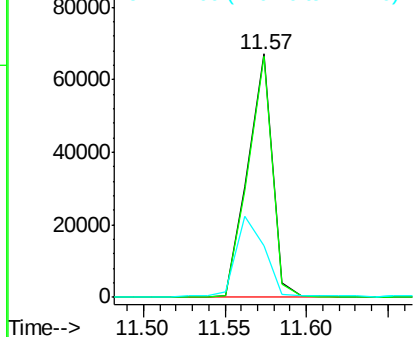
#41
 2,4,6-Tribromophenol
 Concen: 156.94 ng
 RT: 11.57 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tgt Ion:330 Resp: 70718
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 39.7 31.2 46.8

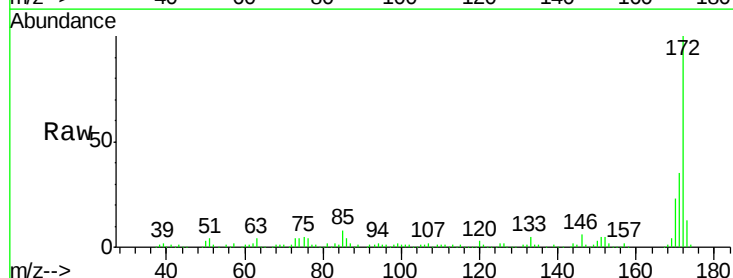


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

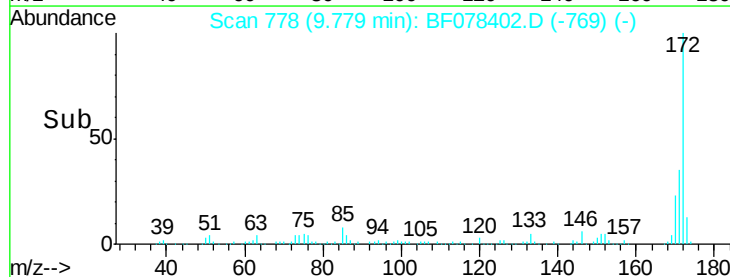
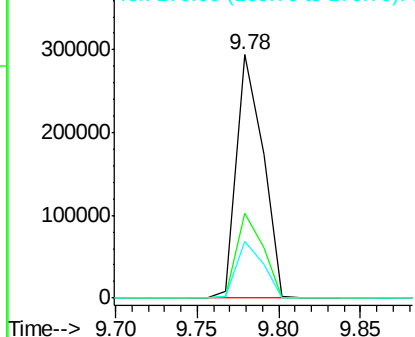


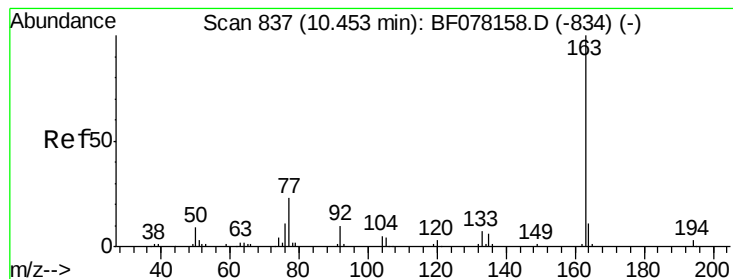
#44
 2-Fluorobiphenyl
 Concen: 86.50 ng
 RT: 9.78 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF078402.D
 Acq: 10 Apr 2015 16:30

Tgt Ion:172 Resp: 328790
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.2 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: 2.25 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

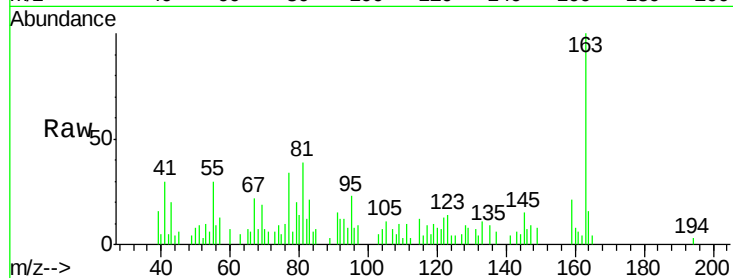
Tgt Ion:163 Resp: 9171

Ion Ratio Lower Upper

163 100

194 3.5 2.3 3.5

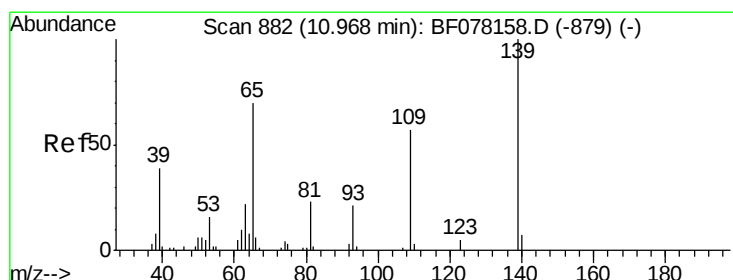
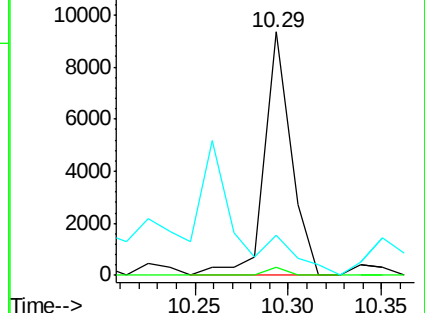
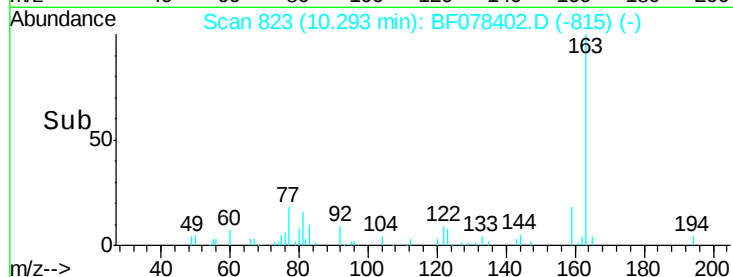
164 16.2 8.6 13.0#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

4-Nitrophenol

Concen: 3.38 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

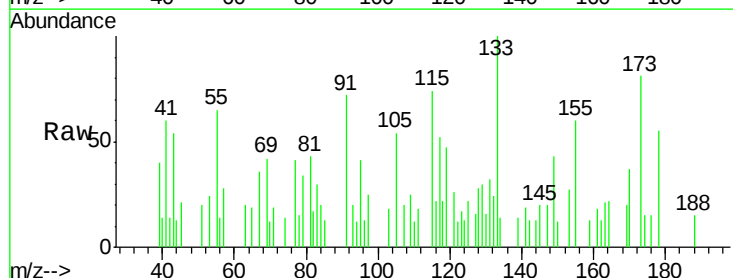
Tgt Ion:139 Resp: 451

Ion Ratio Lower Upper

139 100

109 179.2 36.7 76.7#

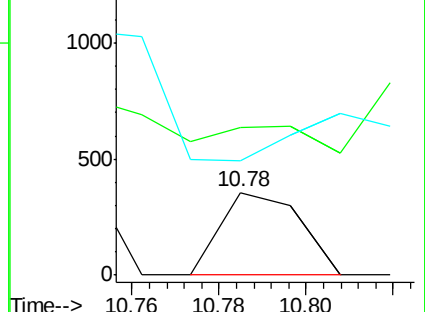
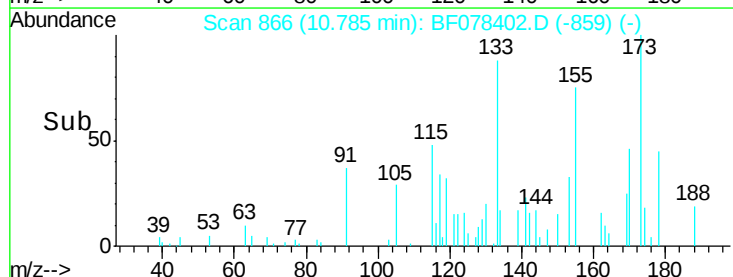
65 137.9 49.9 89.9#

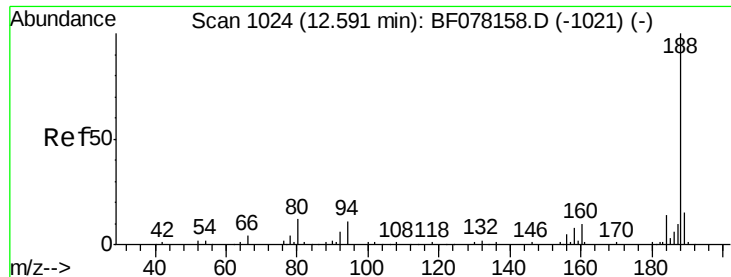


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

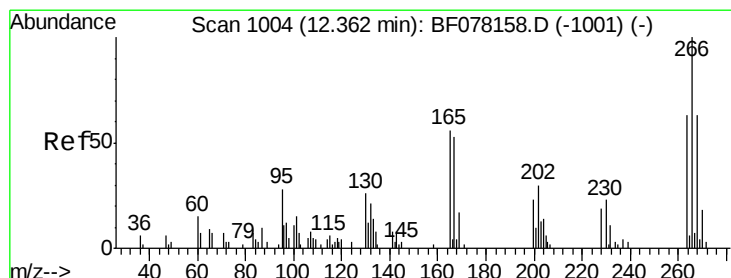
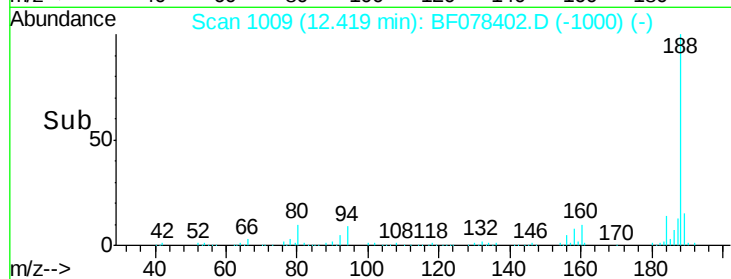
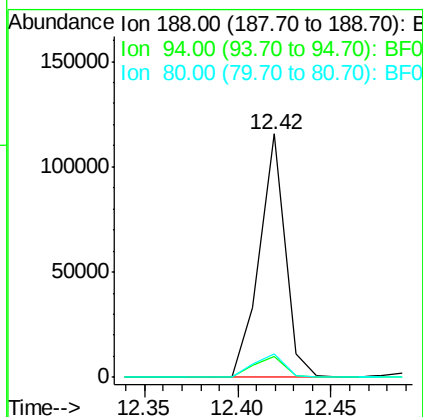
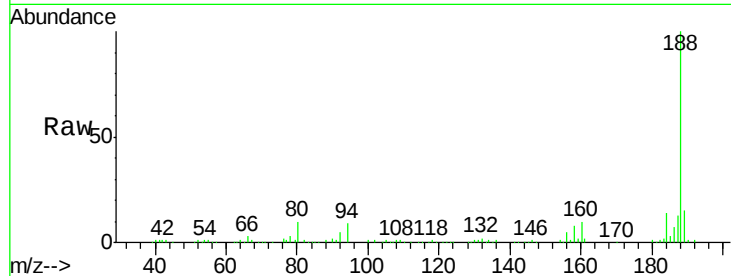




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.42 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

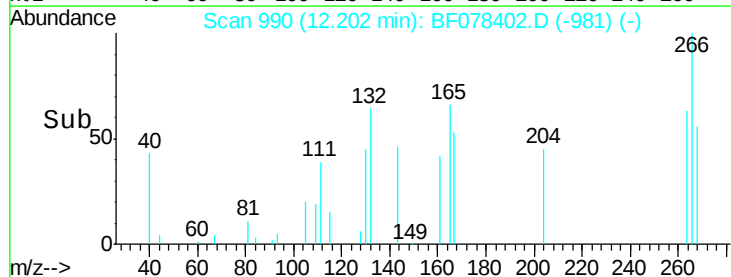
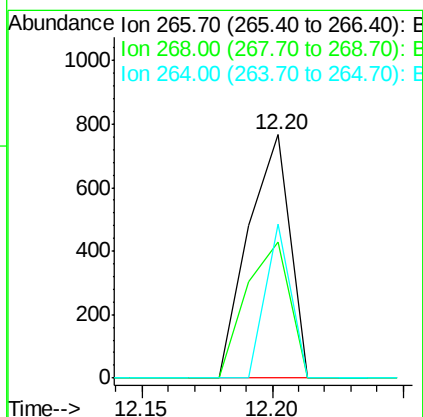
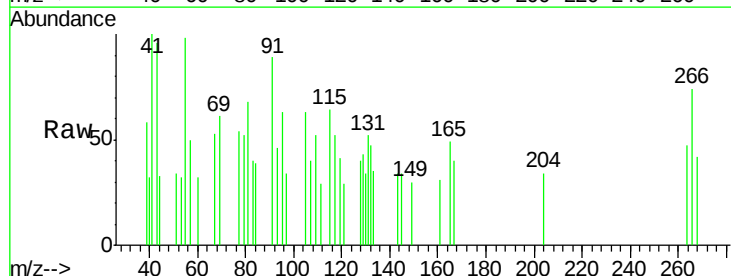
Instrument :
BNA_F
ClientSampleId :
MW-03

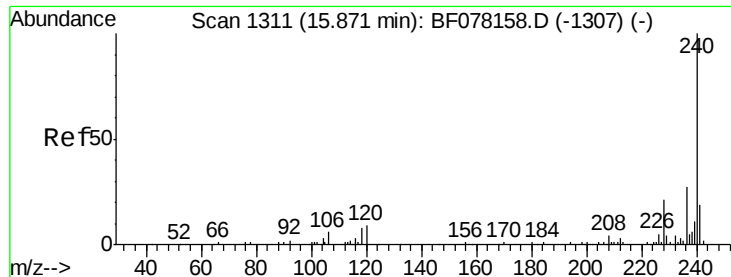
Tgt Ion:188 Resp: 109869
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.4#
80 9.6 9.5 14.3



#69
Pentachlorophenol
Concen: 9.13 ng
RT: 12.20 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

Tgt Ion:266 Resp: 856
Ion Ratio Lower Upper
266 100
268 55.9 50.1 75.1
264 63.4 50.0 75.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.68 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

Instrument :

BNA_F

ClientSampleId :

MW-03

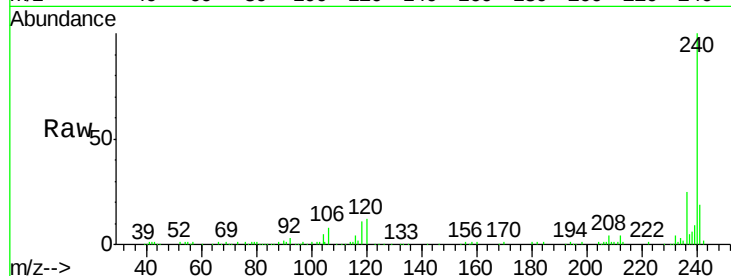
Tgt Ion:240 Resp: 124769

Ion Ratio Lower Upper

240 100

120 12.0 7.1 10.7#

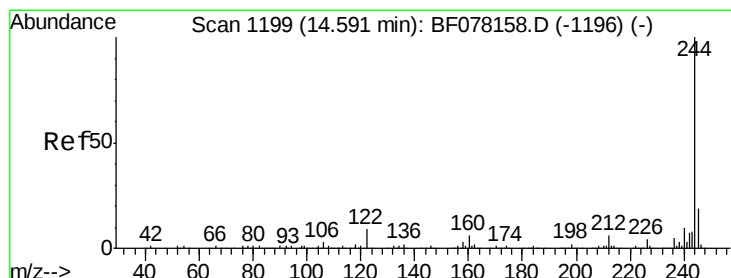
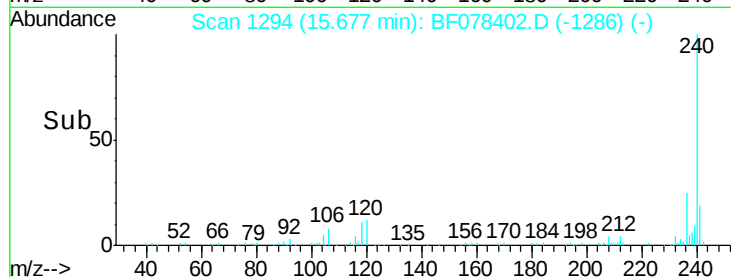
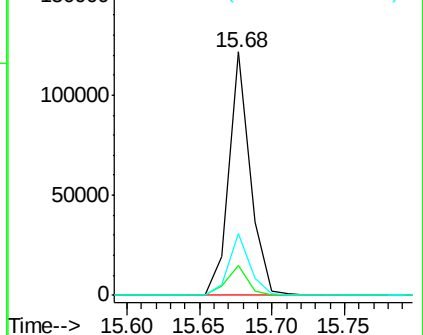
236 25.4 21.4 32.2



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: 70.61 ng

RT: 14.41 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF078402.D

Acq: 10 Apr 2015 16:30

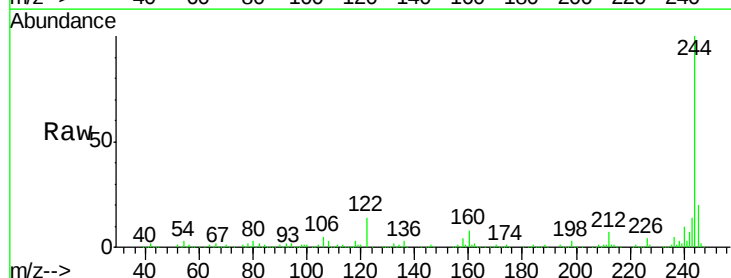
Tgt Ion:244 Resp: 389896

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

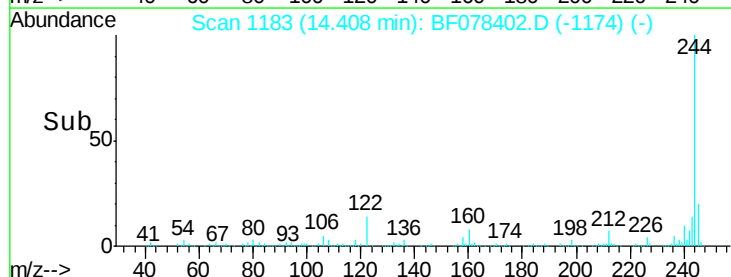
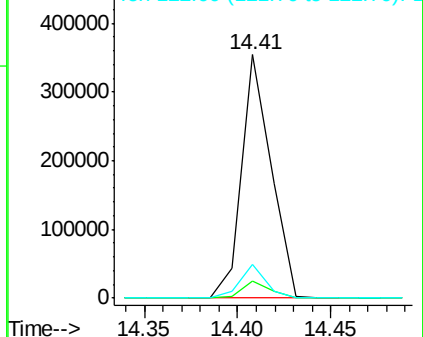
122 14.0 7.1 10.7#

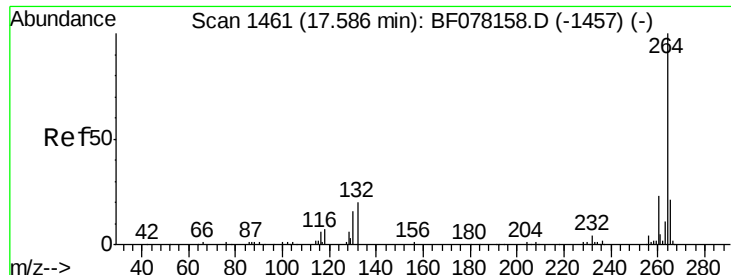


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

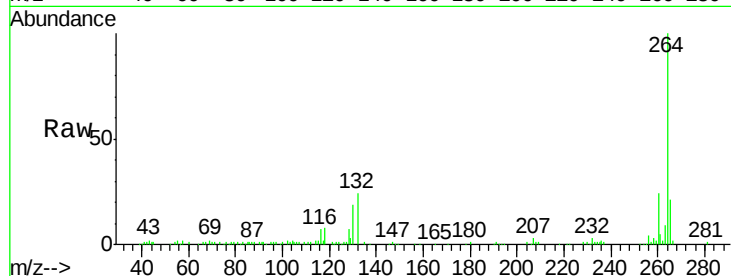




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.38 min Scan# 1443
Delta R.T. -0.07 min
Lab File: BF078402.D
Acq: 10 Apr 2015 16:30

Instrument :
BNA_F
ClientSampleId :
MW-03

Tgt Ion: 264 Resp: 125575
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 21.1 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

