

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078775.D
 Acq On : 24 Apr 2015 7:24
 Operator : TP/IZ
 Sample : G1987-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Apr 24 08:04:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 04:11:59 2015
 Response via : Initial Calibration

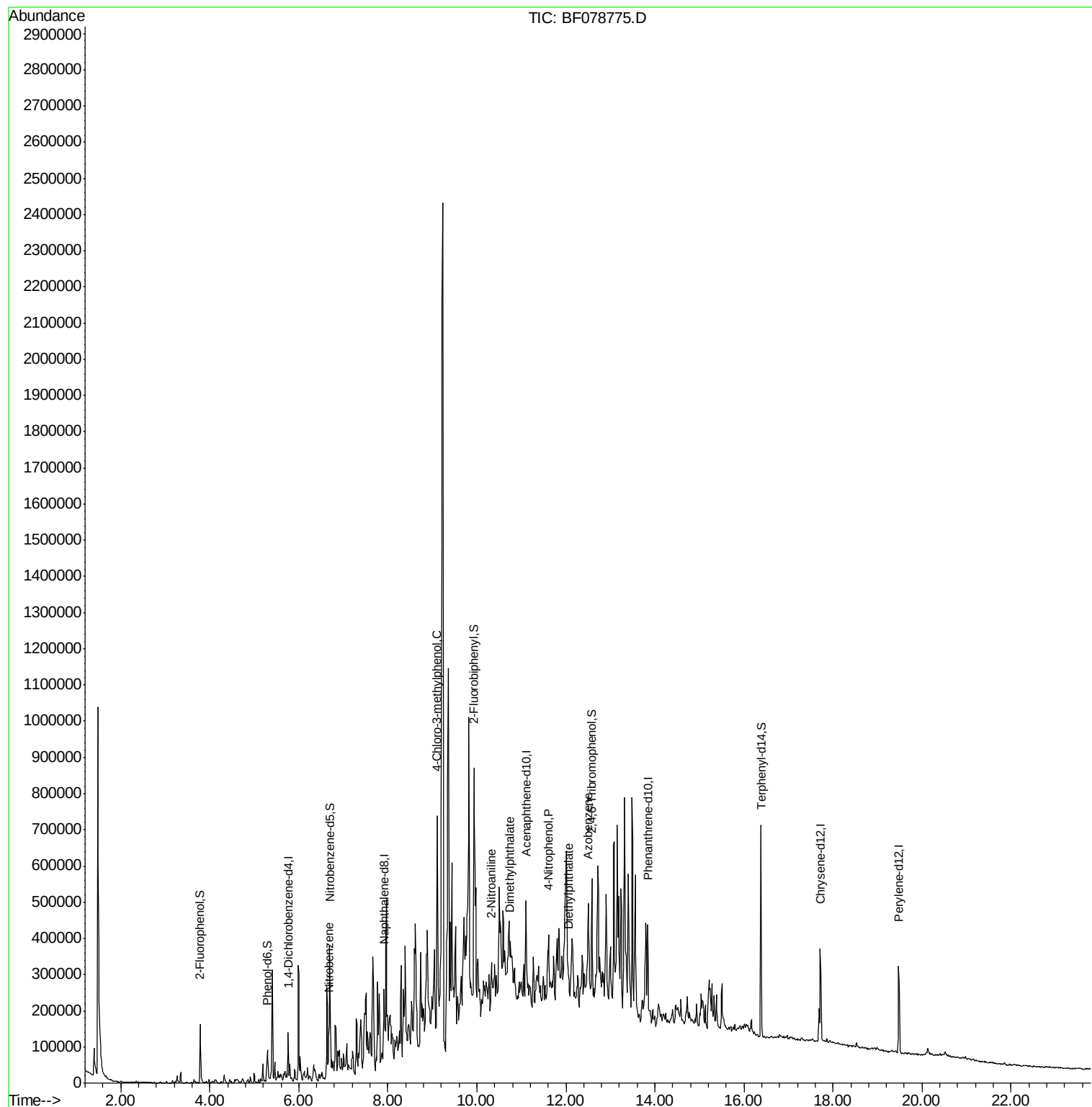
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	25512	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	108705	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	61429	20.00	ng	0.01
63) Phenanthrene-d10	13.84	188	104724	20.00	ng	0.01
75) Chrysene-d12	17.71	240	121442	20.00	ng	0.00
86) Perylene-d12	19.47	264	123838	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	3.78	112	69829	45.13	ng	0.01
7) Phenol-d6	5.29	99	52507	27.08	ng	0.02
23) Nitrobenzene-d5	6.70	82	124171	69.24	ng	0.00
41) 2,4,6-Tribromophenol	12.58	330	52149	102.36	ng	0.01
44) 2-Fluorobiphenyl	9.93	172	260574	60.63	ng	0.00
78) Terphenyl-d14	16.39	244	285056	53.04	ng	0.01
Target Compounds						
24) Nitrobenzene	6.67	77	4756	2.54	ng	# 15
36) 4-Chloro-3-methylphenol	9.11	107	35910	23.55	ng	# 23
47) 2-Nitroaniline	10.33	65	2213	2.26	ng	# 48
49) Dimethylphthalate	10.74	163	27145	5.88	ng	# 77
55) 4-Nitrophenol	11.61	139	714	3.63	ng	# 1
59) Diethylphthalate	12.06	149	25421	5.71	ng	# 51
62) Azobenzene	12.50	77	19473	4.79	ng	# 21

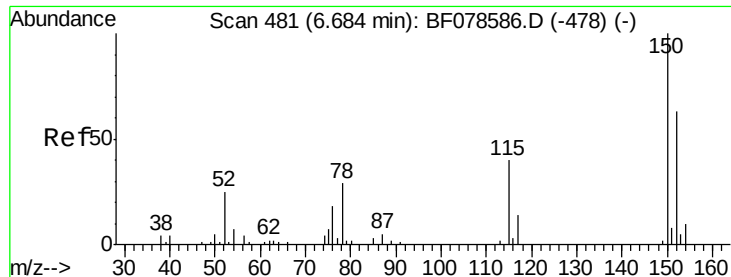
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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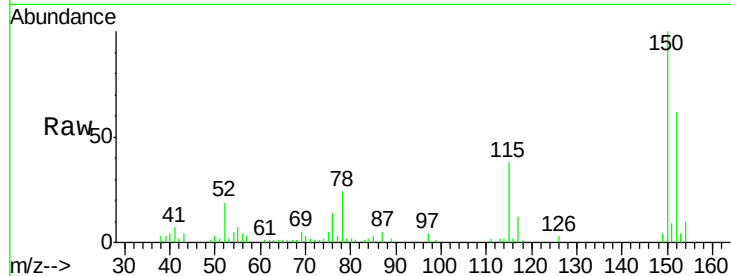




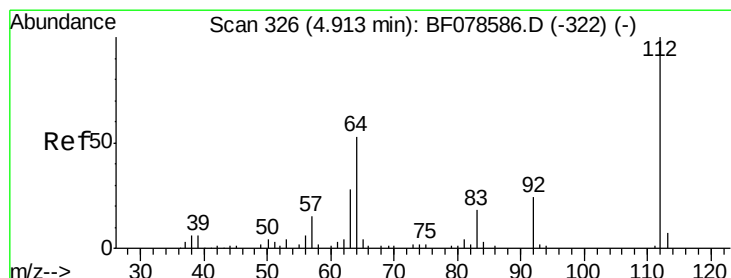
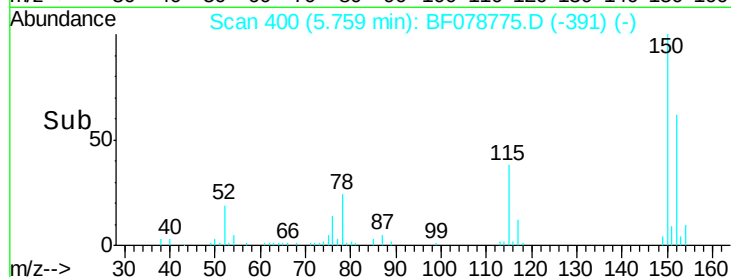
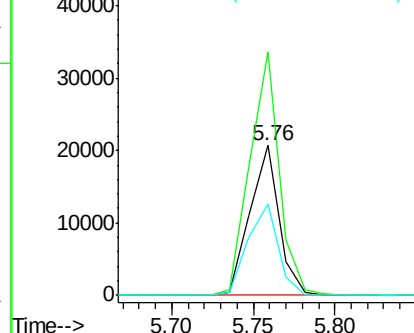
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion:152 Resp: 25512
 Ion Ratio Lower Upper
 152 100
 150 162.4 125.9 188.9
 115 61.3 52.7 79.1

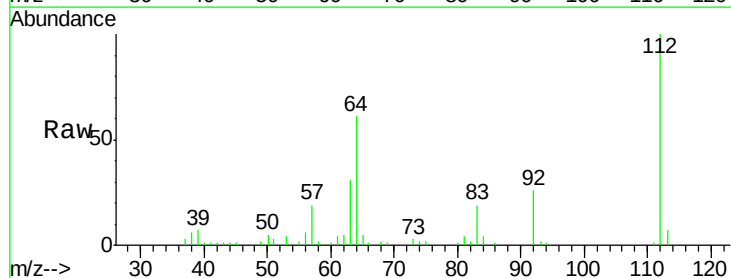


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

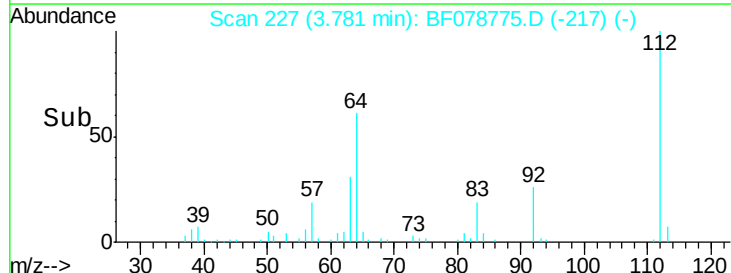
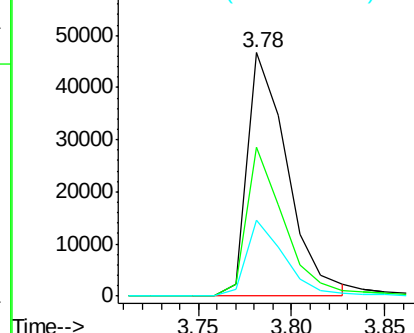


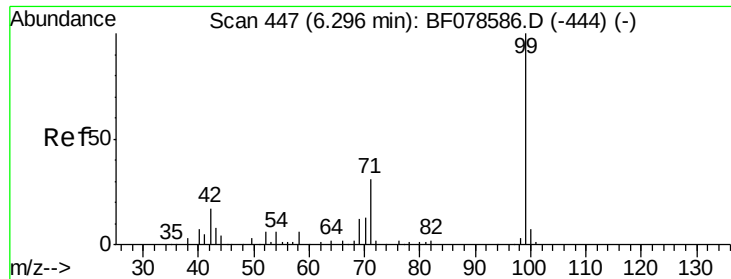
#5
 2-Fluorophenol
 Concen: 45.13 ng
 RT: 3.78 min Scan# 227
 Delta R.T. 0.01 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Tgt Ion:112 Resp: 69829
 Ion Ratio Lower Upper
 112 100
 64 61.1 39.9 59.9#
 63 31.3 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: 27.08 ng

RT: 5.29 min Scan# 359

Delta R.T. 0.02 min

Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

Instrument :

BNA_F

ClientSampleId :

MW-02

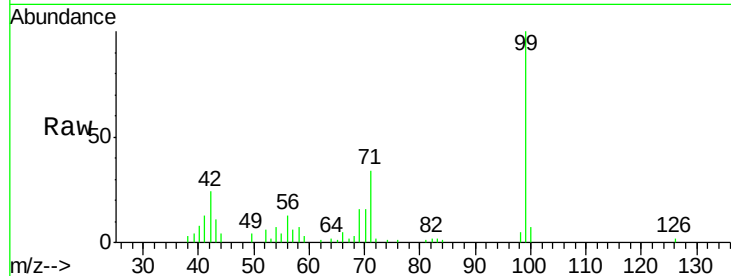
Tgt Ion: 99 Resp: 52507

Ion Ratio Lower Upper

99 100

42 23.6 14.8 22.2#

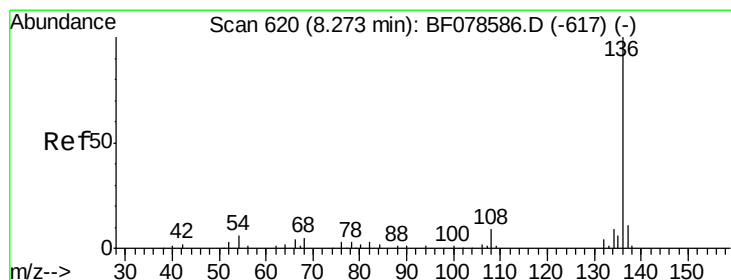
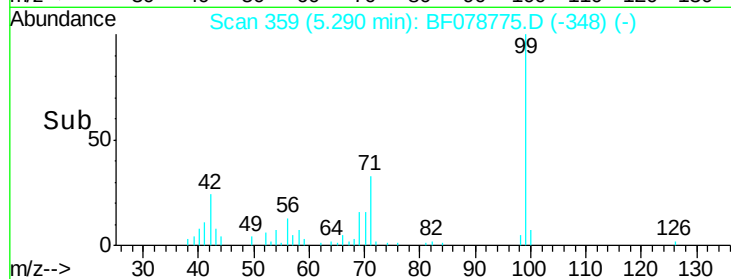
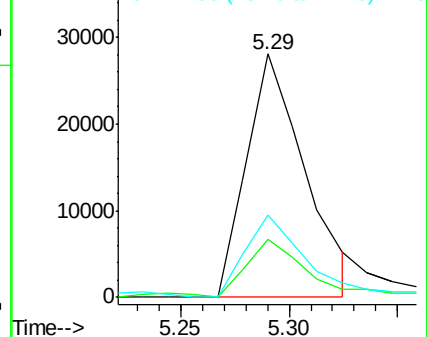
71 34.0 26.6 39.8



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: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

Tgt Ion: 136 Resp: 108705

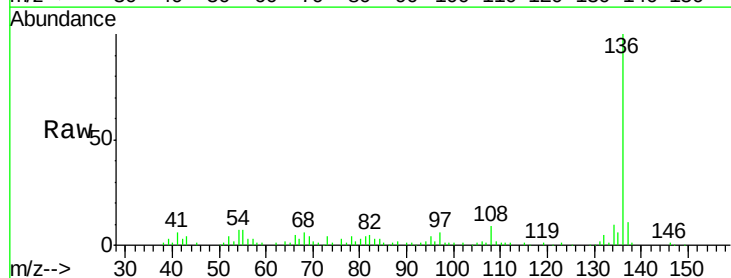
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.2 7.0 10.6

68 5.7 5.4 8.2

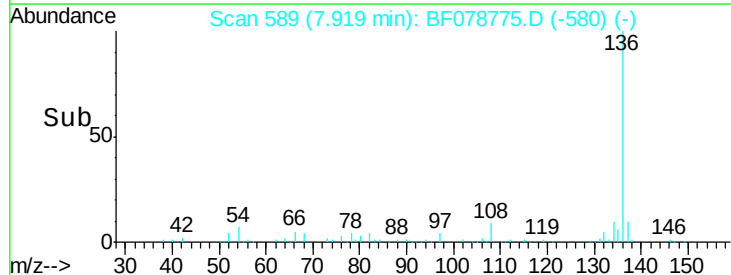
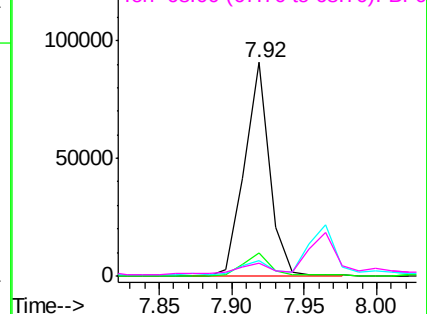


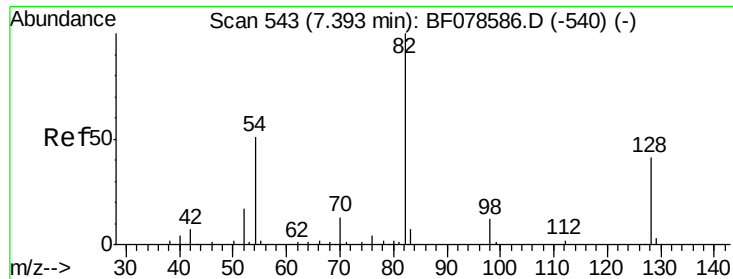
Abundance Ion 136.00 (135.70 to 136.70): E

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

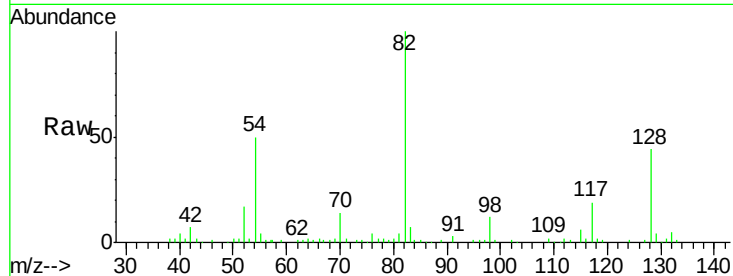




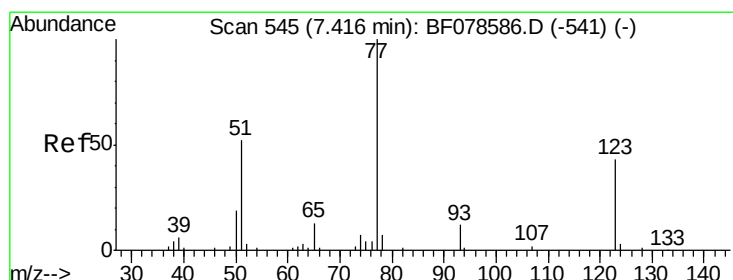
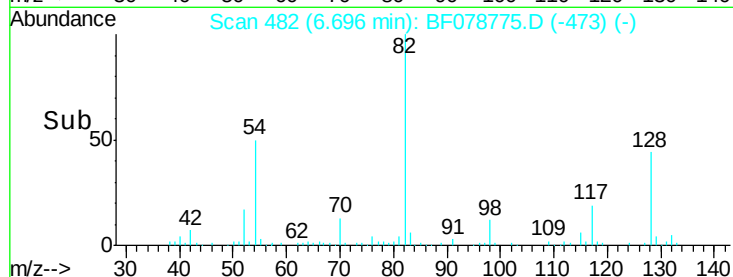
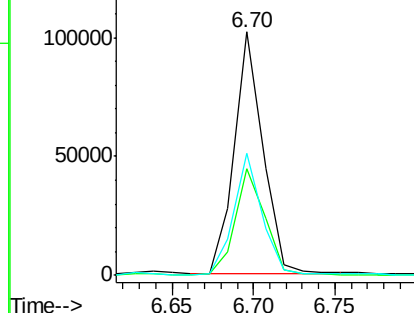
#23
 Nitrobenzene-d5
 Concen: 69.24 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tgt Ion: 82 Resp: 124171
 Ion Ratio Lower Upper
 82 100
 128 43.7 31.8 47.8
 54 50.3 41.5 62.3

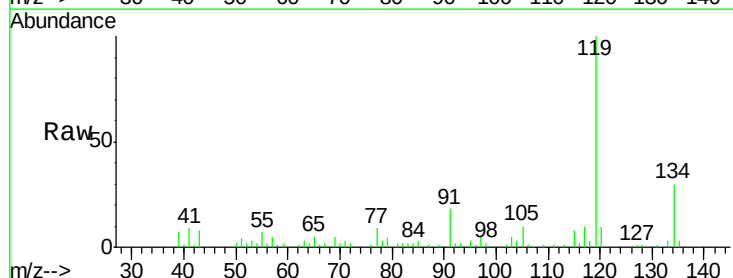


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

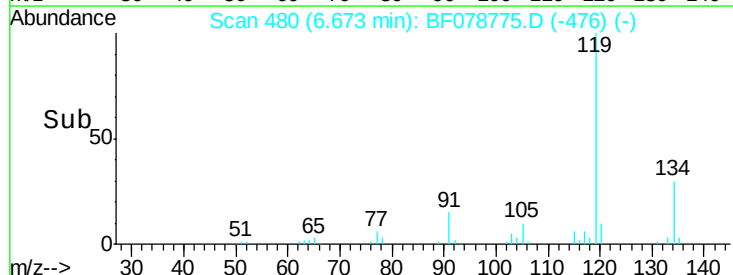
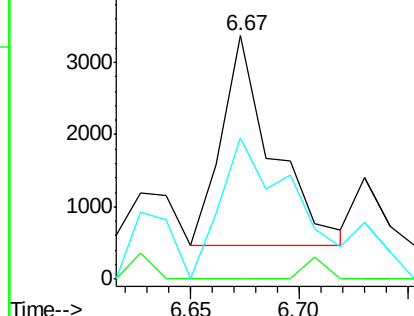


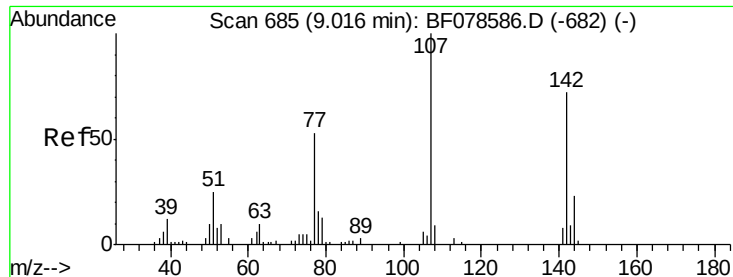
#24
 Nitrobenzene
 Concen: 2.54 ng
 RT: 6.67 min Scan# 480
 Delta R.T. -0.06 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Tgt Ion: 77 Resp: 4756
 Ion Ratio Lower Upper
 77 100
 123 0.0 46.9 70.3#
 65 58.0 9.5 14.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0

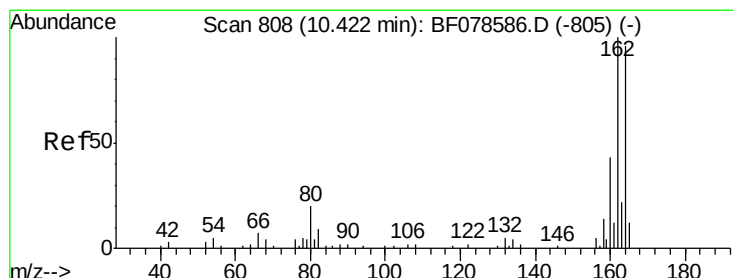
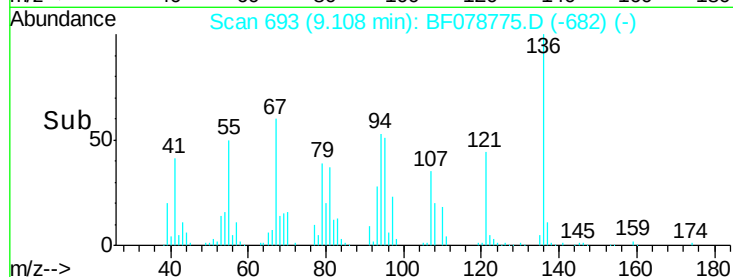
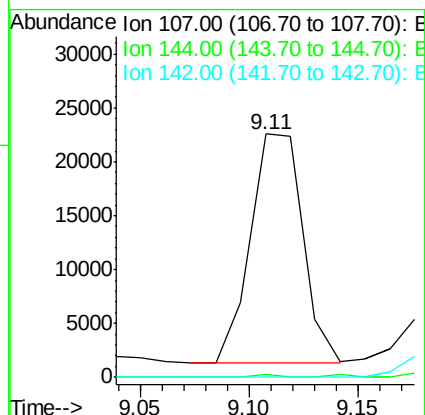
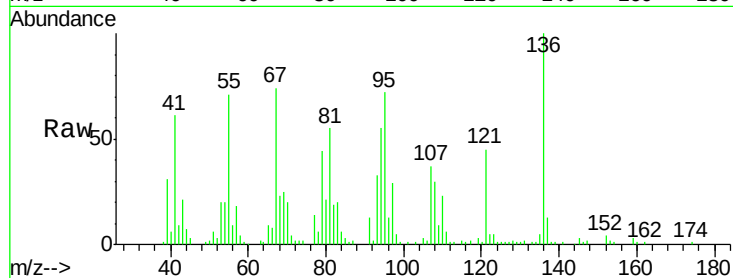




#36
 4-Chloro-3-methylphenol
 Concen: 23.55 ng
 RT: 9.11 min Scan# 693
 Delta R.T. 0.02 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

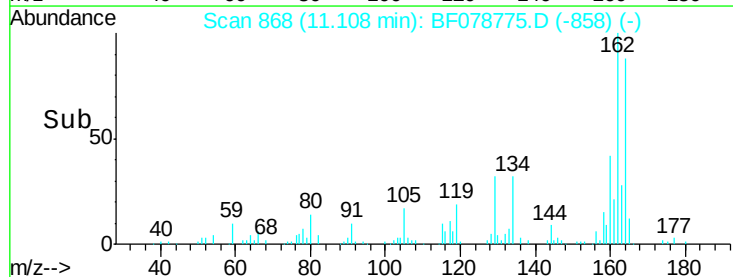
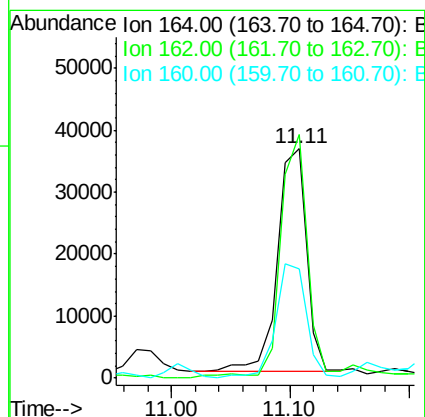
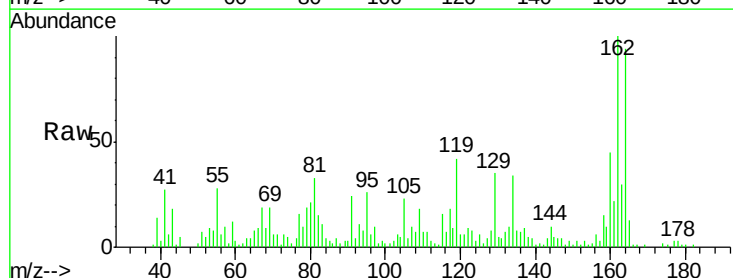
Instrument :
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 ClientSampleId :
 MW-02

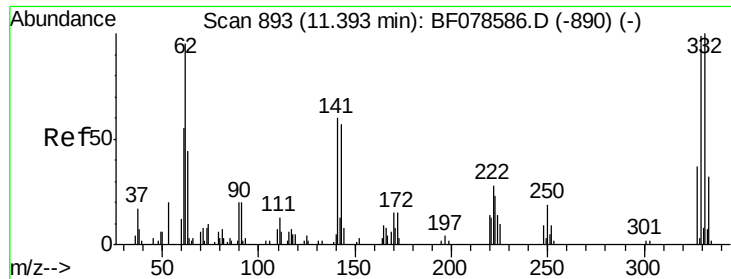
Tgt Ion:107 Resp: 35910
 Ion Ratio Lower Upper
 107 100
 144 1.3 18.2 27.2#
 142 0.0 58.0 87.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. 0.01 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Tgt Ion:164 Resp: 61429
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.2 123.2
 160 47.5 34.7 52.1

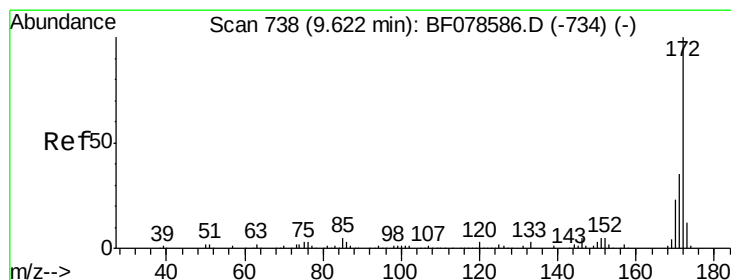
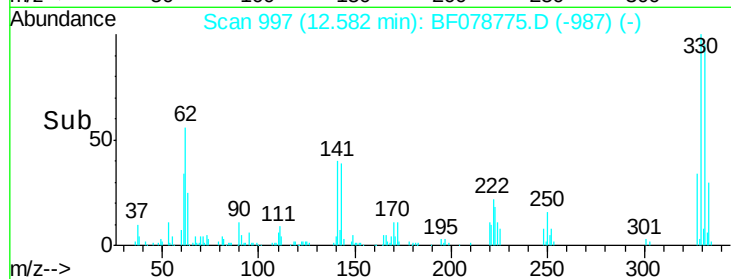
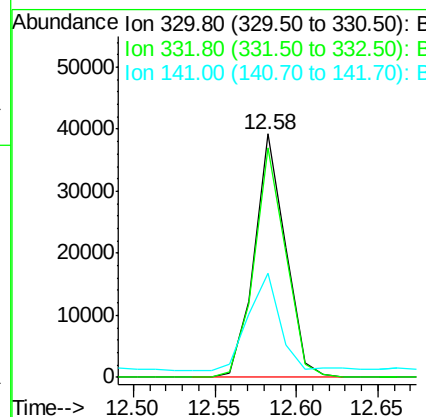
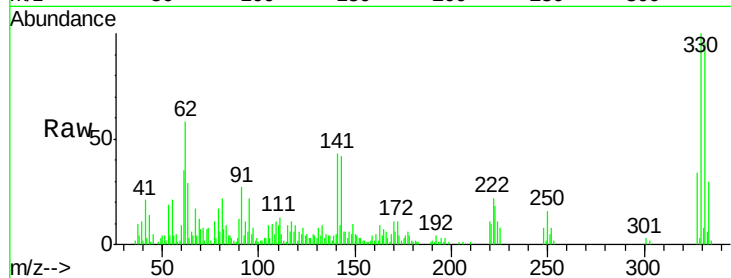




#41
 2,4,6-Tribromophenol
 Concen: 102.36 ng
 RT: 12.58 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

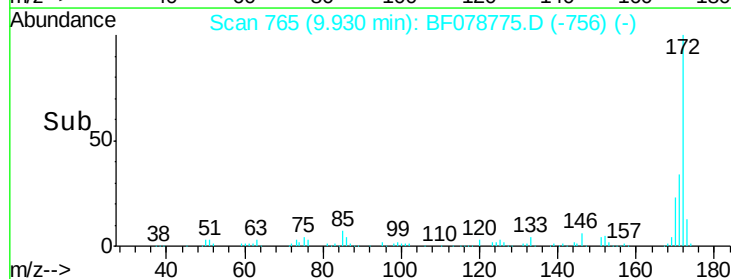
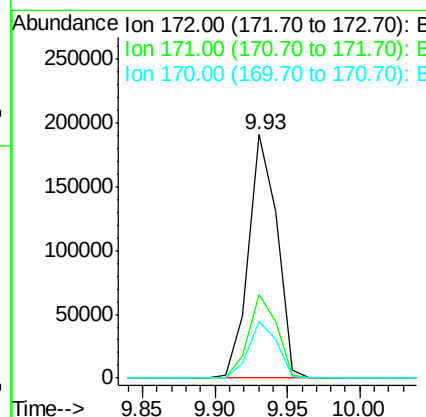
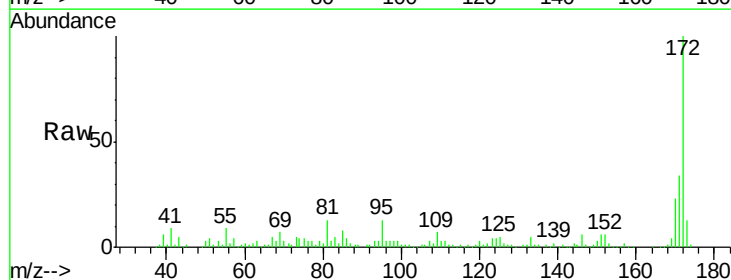
Instrument :
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 ClientSampled :
 MW-02

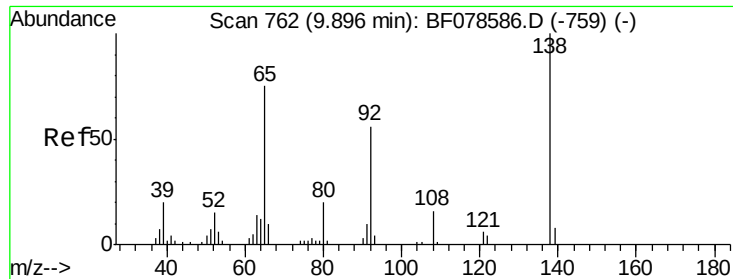
Tgt Ion:330 Resp: 52149
 Ion Ratio Lower Upper
 330 100
 332 95.2 78.6 117.8
 141 42.0 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 60.63 ng
 RT: 9.93 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Tgt Ion:172 Resp: 260574
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.6 42.8
 170 23.4 18.5 27.7

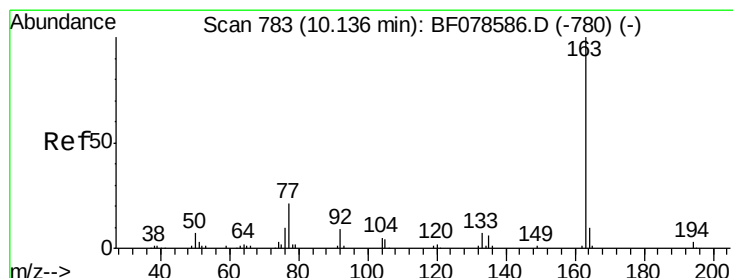
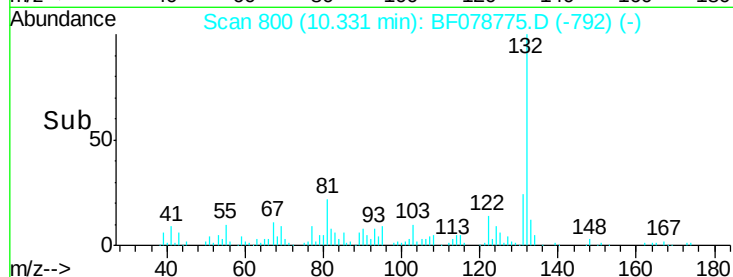
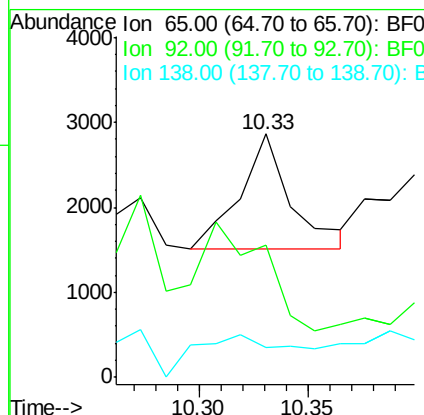
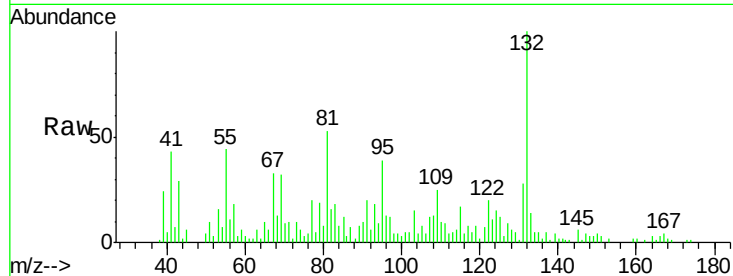




#47
 2-Nitroaniline
 Concen: 2.26 ng
 RT: 10.33 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

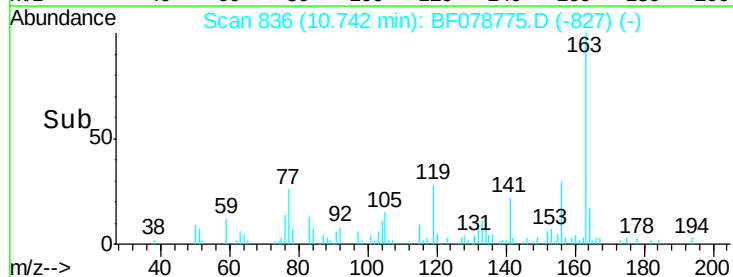
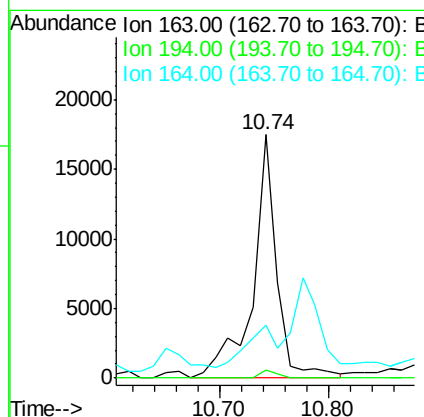
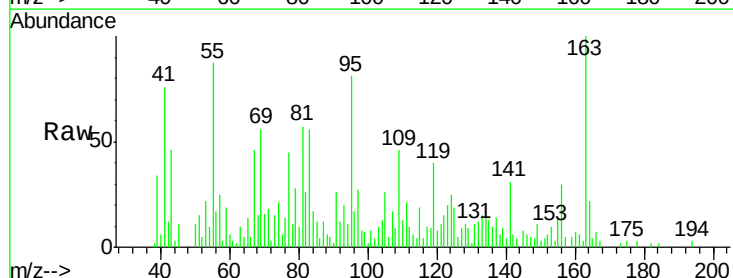
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 ClientSampled :
 MW-02

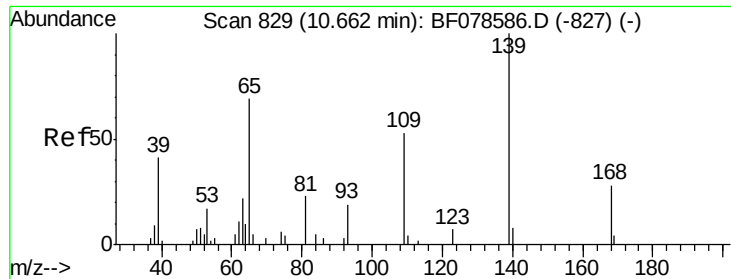
Tgt Ion: 65 Resp: 2213
 Ion Ratio Lower Upper
 65 100
 92 54.3 51.3 76.9
 138 12.2 70.4 105.6#



#49
 Dimethylphthalate
 Concen: 5.88 ng
 RT: 10.74 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF078775.D
 Acq: 24 Apr 2015 7:24

Tgt Ion: 163 Resp: 27145
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.3 3.5
 164 21.8 8.6 13.0#

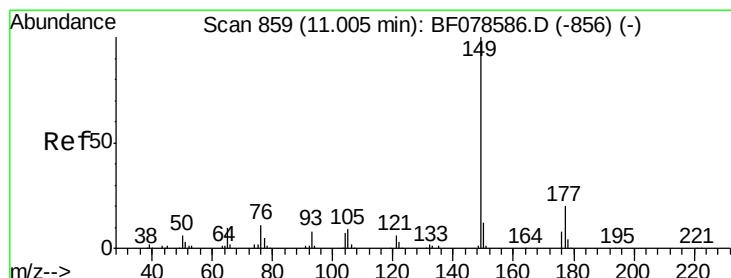
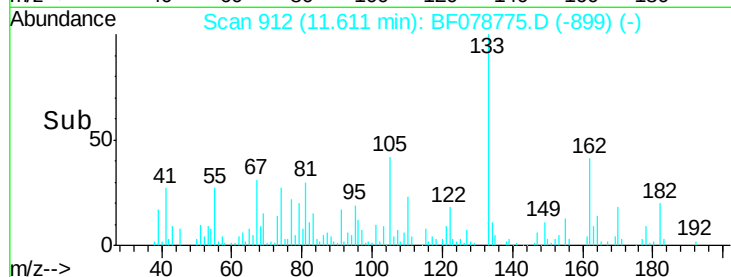
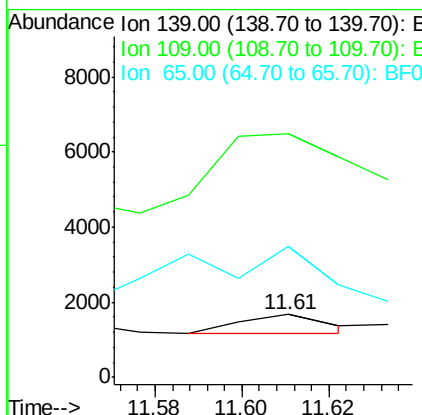
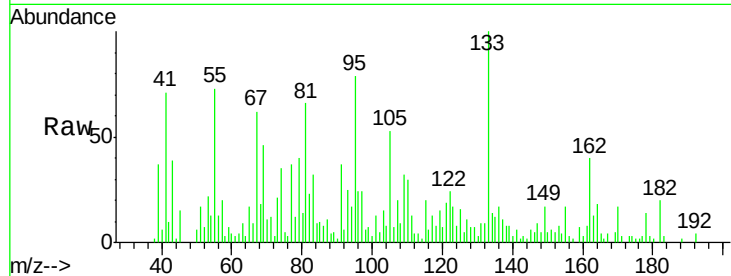




#55
4-Nitrophenol
Concen: 3.63 ng
RT: 11.61 min Scan# 912
Delta R.T. 0.05 min
Lab File: BF078775.D
Acq: 24 Apr 2015 7:24

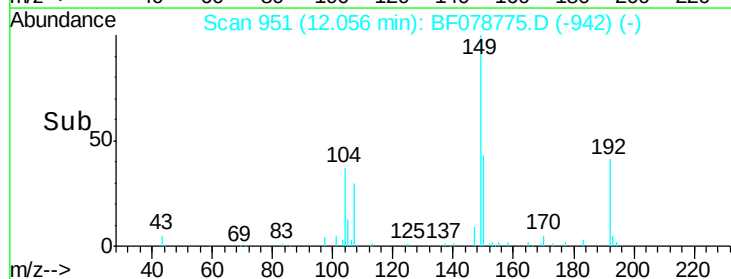
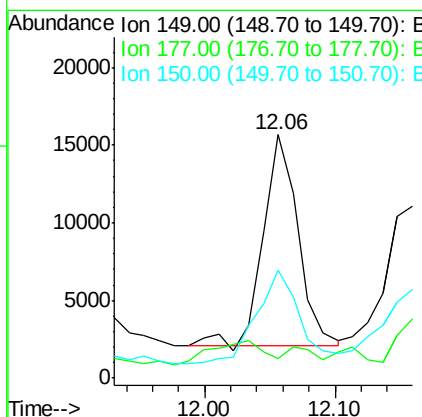
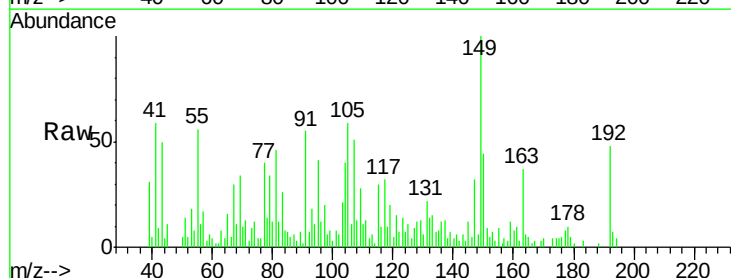
Instrument :
BNA_F
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MW-02

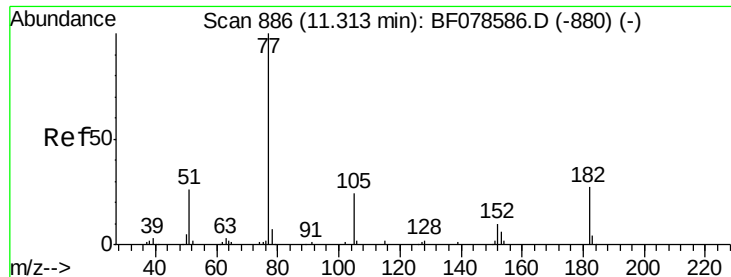
Tgt Ion:139 Resp: 714
Ion Ratio Lower Upper
139 100
109 389.4 36.7 76.7#
65 210.0 49.9 89.9#



#59
Diethylphthalate
Concen: 5.71 ng
RT: 12.06 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF078775.D
Acq: 24 Apr 2015 7:24

Tgt Ion:149 Resp: 25421
Ion Ratio Lower Upper
149 100
177 7.9 17.4 26.2#
150 44.2 9.4 14.2#





#62

Azobenzene

Concen: 4.79 ng

RT: 12.50 min Scan# 990

Delta R.T. 0.03 min

Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

Instrument :

BNA_F

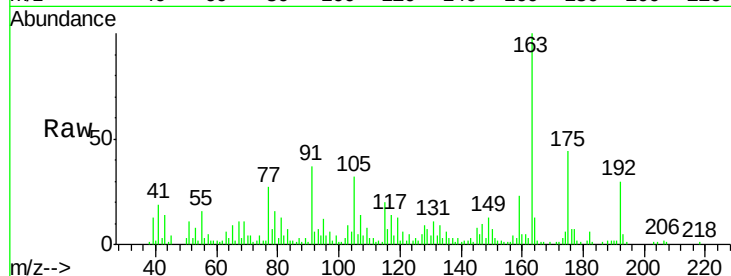
ClientSampled :

MW-02

Tgt Ion: 77 Resp: 19473

Ion Ratio Lower Upper

77	100		
182	21.7	0.0	36.8
105	120.7	0.3	40.3#
51	40.4	9.1	49.1

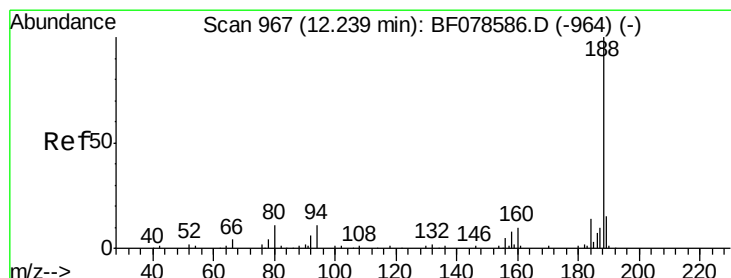
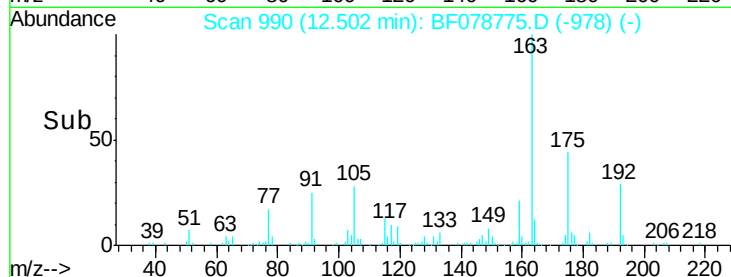
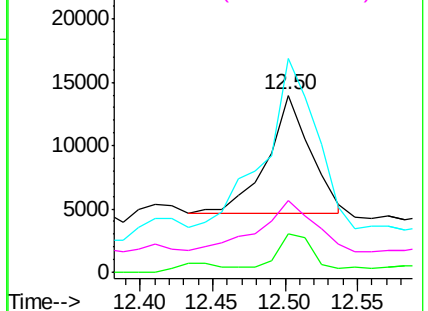


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.84 min Scan# 1107

Delta R.T. 0.01 min

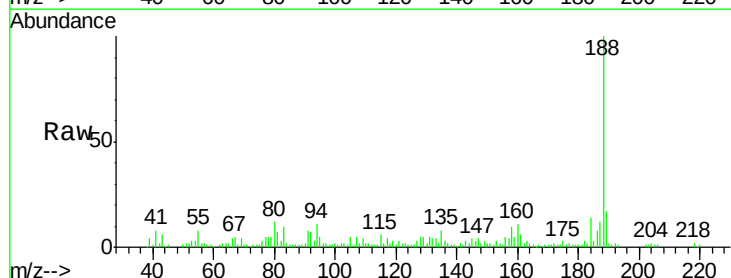
Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

Tgt Ion: 188 Resp: 104724

Ion Ratio Lower Upper

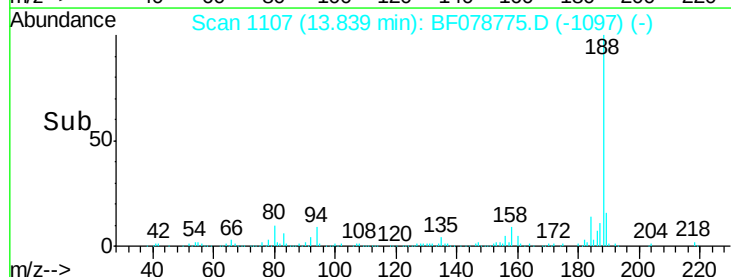
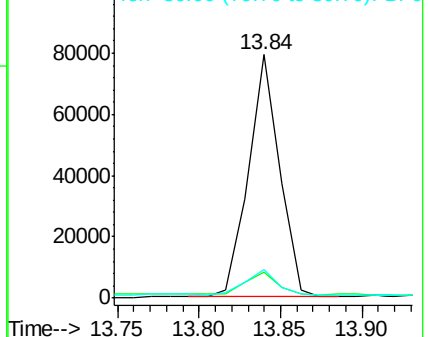
188	100		
94	10.9	9.0	13.4
80	11.7	9.5	14.3

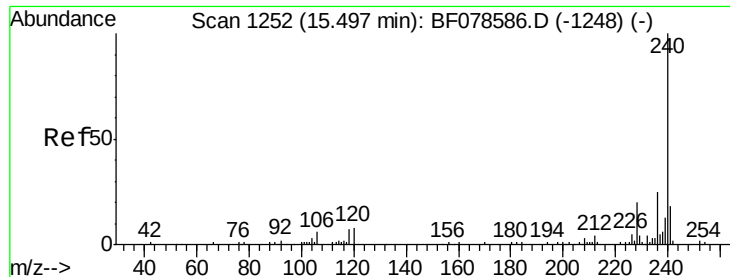


Abundance Ion 188.00 (187.70 to 188.70): E

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: 17.71 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

Instrument :

BNA_F

ClientSampleId :

MW-02

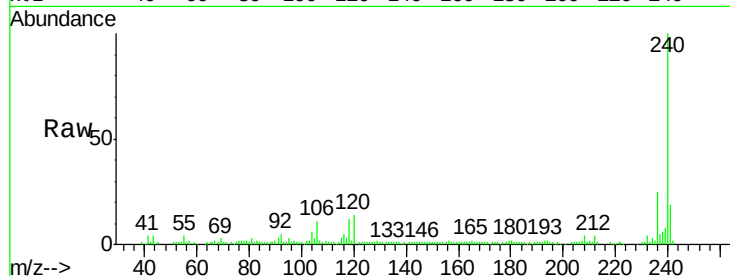
Tgt Ion:240 Resp: 121442

Ion Ratio Lower Upper

240 100

120 14.4 7.1 10.7#

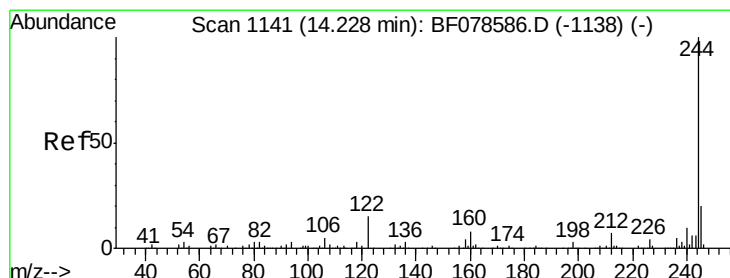
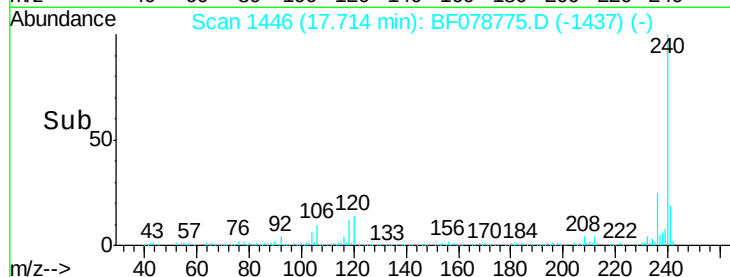
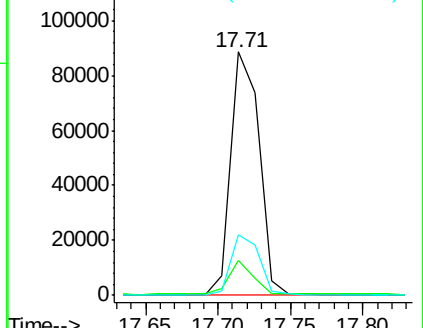
236 24.7 21.4 32.2



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: 53.04 ng

RT: 16.39 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF078775.D

Acq: 24 Apr 2015 7:24

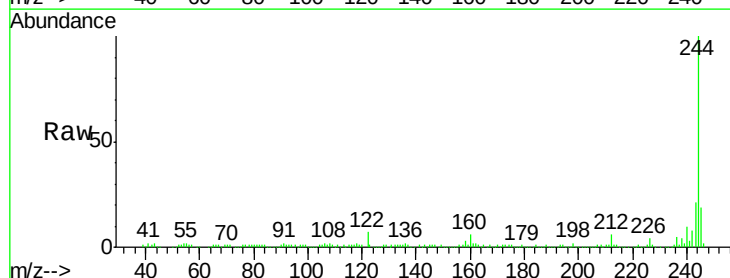
Tgt Ion:244 Resp: 285056

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

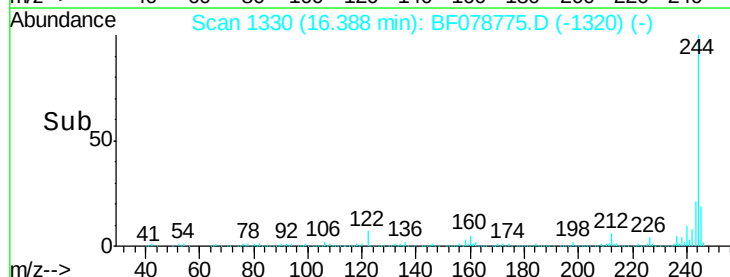
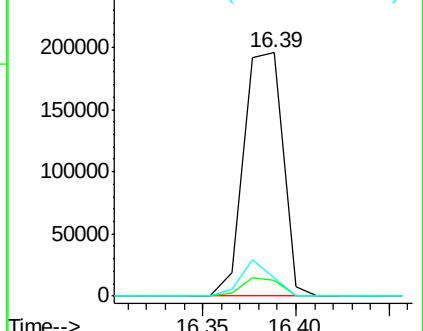
122 7.5 7.1 10.7

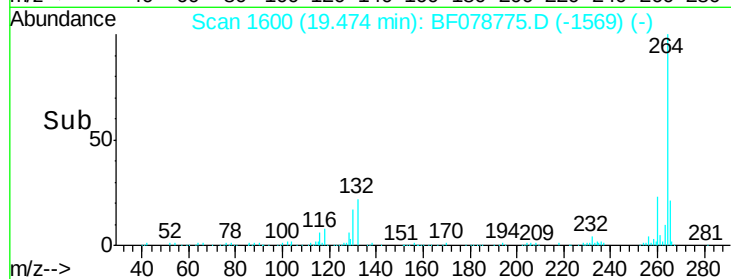
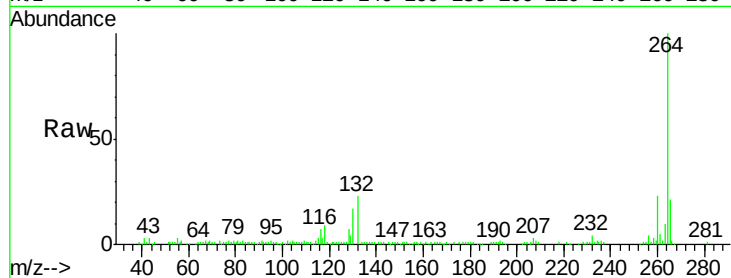
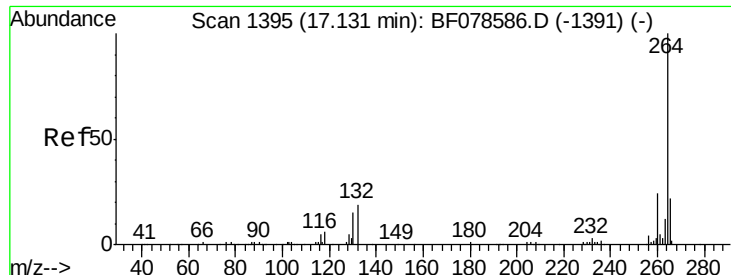


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.47 min Scan# 1600
Delta R.T. 0.06 min
Lab File: BF078775.D
Acq: 24 Apr 2015 7:24

Instrument :
BNA_F
ClientSampleId :
MW-02

Tgt Ion:	264	Resp:	123838
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.6	27.8
265	20.9	17.0	25.6

