

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042315\
 Data File : BF078773.D
 Acq On : 24 Apr 2015 6:22
 Operator : TP/IZ
 Sample : G1987-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Apr 24 07:17:14 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

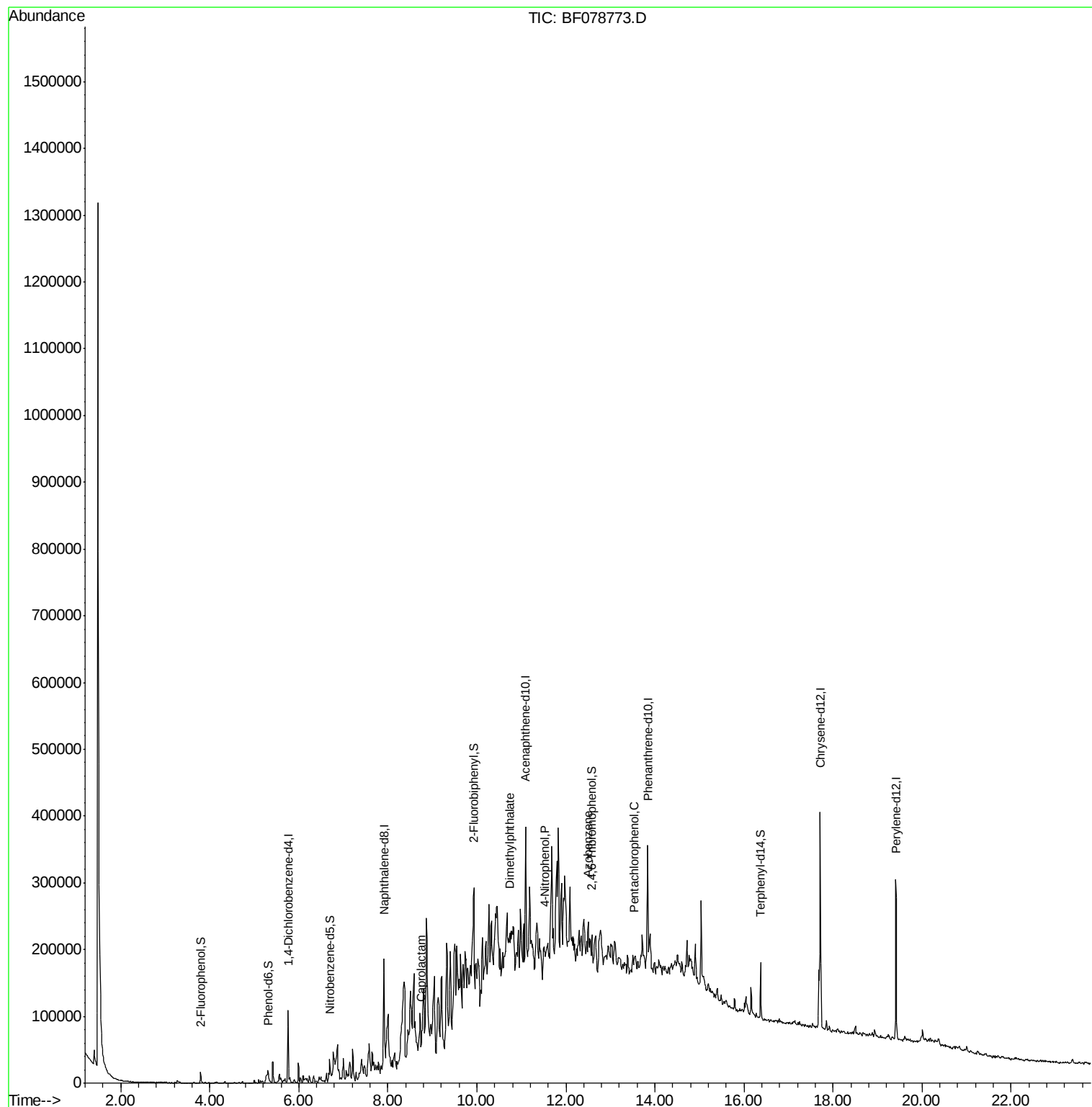
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	25934	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	110057	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	56418	20.00	ng	0.00
63) Phenanthrene-d10	13.84	188	112250	20.00	ng	0.01
75) Chrysene-d12	17.71	240	127826	20.00	ng	0.00
86) Perylene-d12	19.42	264	127905	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	3.79	112	9100	5.79	ng	0.02
7) Phenol-d6	5.30	99	7768	3.94	ng	0.03
23) Nitrobenzene-d5	6.70	82	14096	7.76	ng	0.00
41) 2,4,6-Tribromophenol	12.58	330	5463	11.68	ng	0.01
44) 2-Fluorobiphenyl	9.93	172	27507	6.97	ng	0.00
78) Terphenyl-d14	16.38	244	30163	5.33	ng	0.00
Target Compounds						
35) Caprolactam	8.74	113	3323	7.27	ng	# 1
49) Dimethylphthalate	10.74	163	17476	4.12	ng	# 95
55) 4-Nitrophenol	11.53	139	1519	4.77	ng	# 1
62) Azobenzene	12.50	77	11261	3.02	ng	# 1
69) Pentachlorophenol	13.54	266	541	8.61	ng	# 19

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

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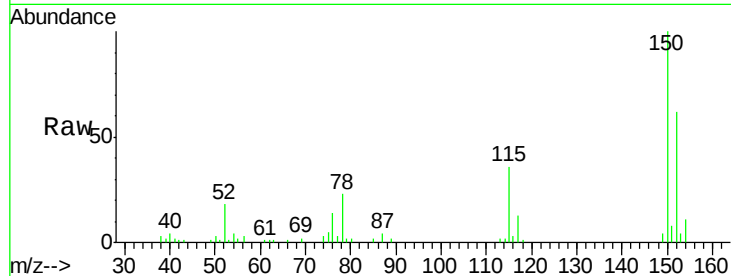




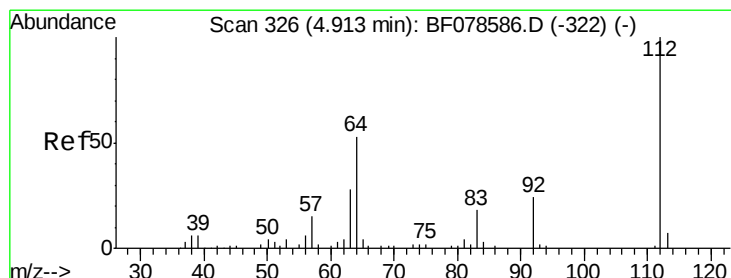
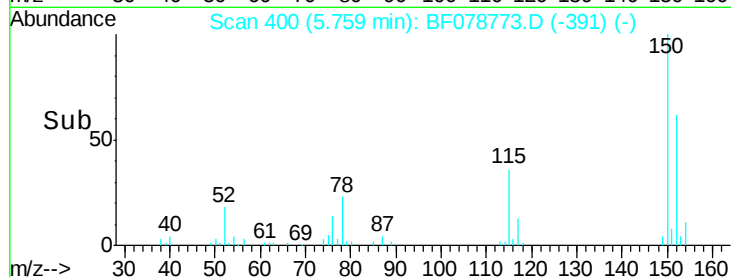
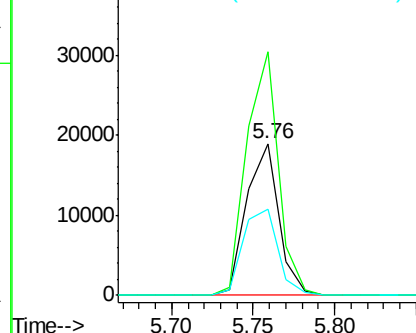
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.76 min Scan# 400
 Delta R.T. -0.00 min
 Lab File: BF078773.D
 Acq: 24 Apr 2015 6:22

Instrument :
 BNA_F
 ClientSampled :
 MW-12

Tgt Ion:152 Resp: 25934
 Ion Ratio Lower Upper
 152 100
 150 160.4 125.9 188.9
 115 57.1 52.7 79.1

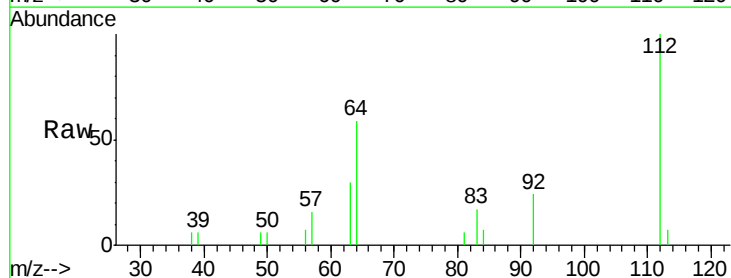


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

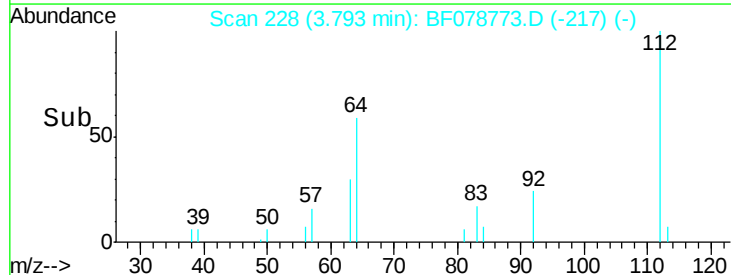
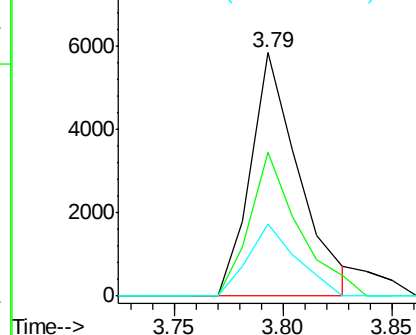


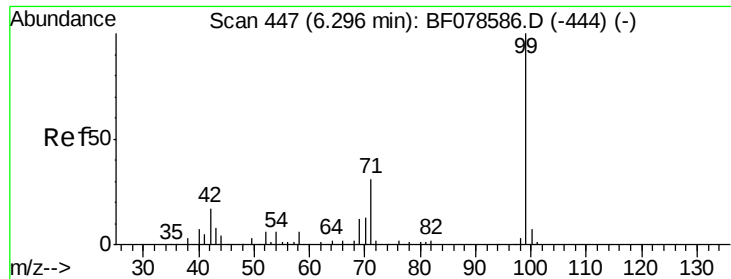
#5
 2-Fluorophenol
 Concen: 5.79 ng
 RT: 3.79 min Scan# 228
 Delta R.T. 0.02 min
 Lab File: BF078773.D
 Acq: 24 Apr 2015 6:22

Tgt Ion:112 Resp: 9100
 Ion Ratio Lower Upper
 112 100
 64 58.9 39.9 59.9
 63 29.6 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: 3.94 ng

RT: 5.30 min Scan# 360

Delta R.T. 0.03 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

MW-12

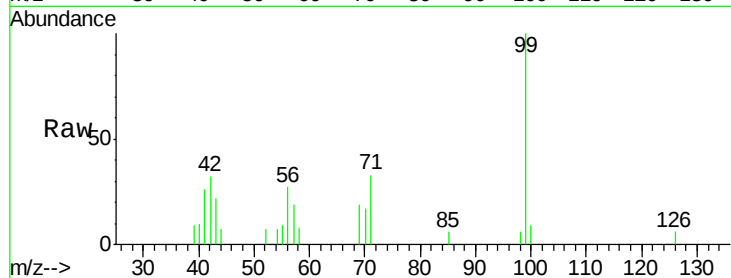
Tgt Ion: 99 Resp: 7768

Ion Ratio Lower Upper

99 100

42 31.9 14.8 22.2#

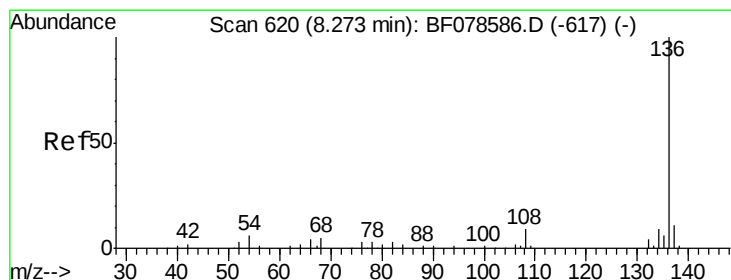
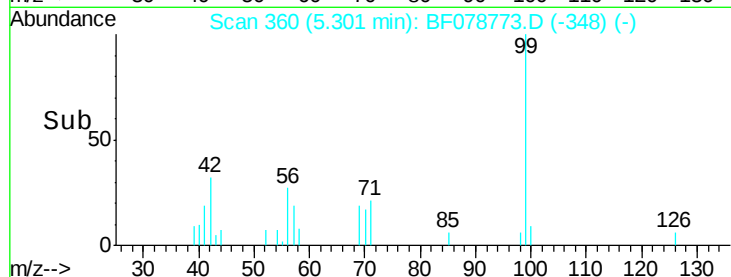
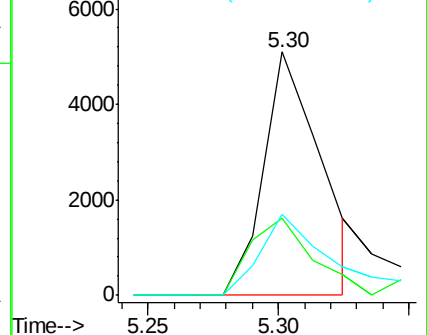
71 33.2 26.6 39.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Tgt Ion: 136 Resp: 110057

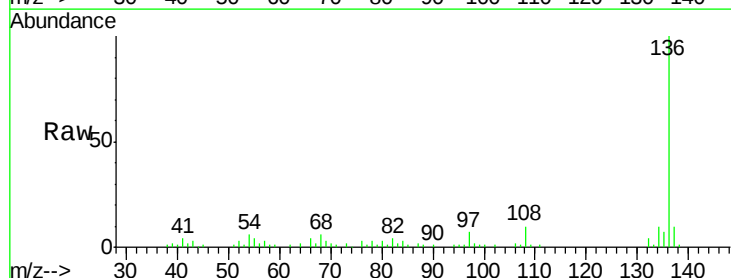
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.3 7.0 10.6#

68 5.6 5.4 8.2

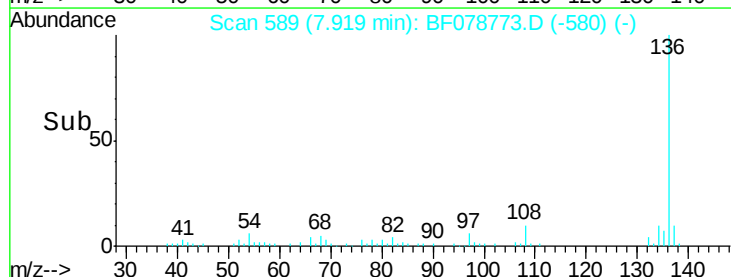
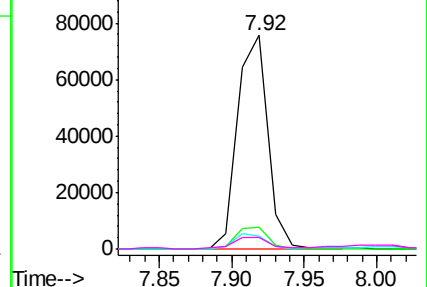


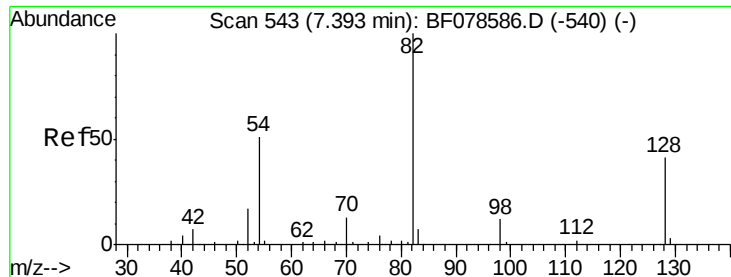
Abundance Ion 136.00 (135.70 to 136.70): E

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

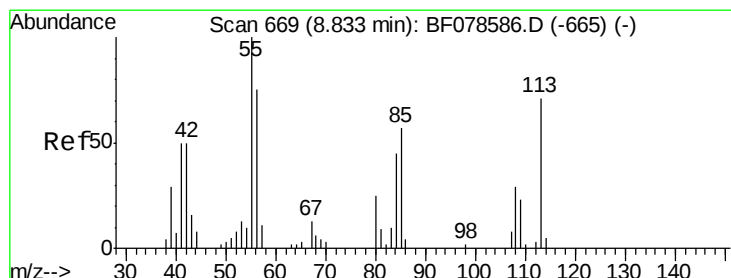
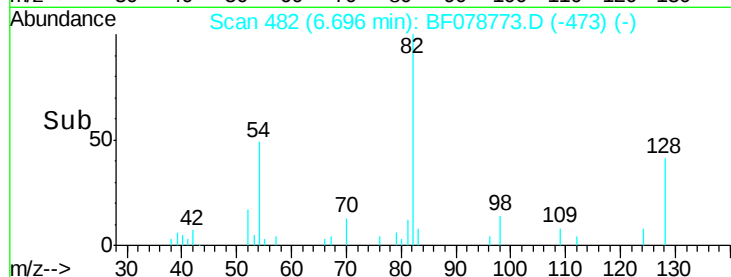
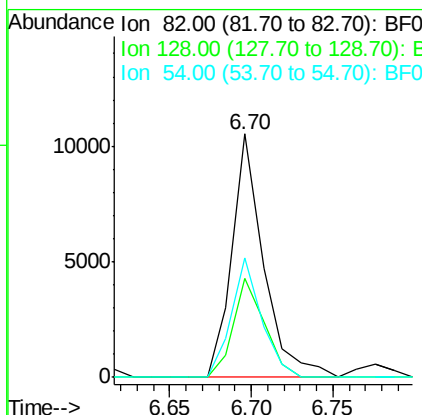
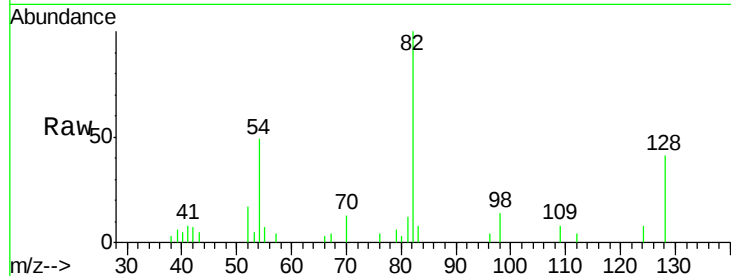




#23
 Nitrobenzene-d5
 Concen: 7.76 ng
 RT: 6.70 min Scan# 482
 Delta R.T. -0.00 min
 Lab File: BF078773.D
 Acq: 24 Apr 2015 6:22

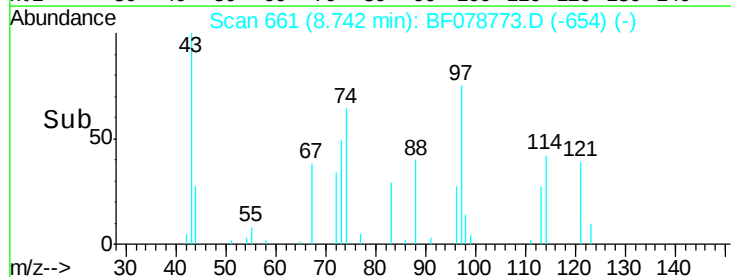
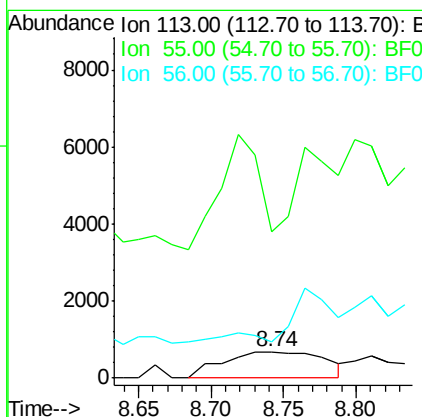
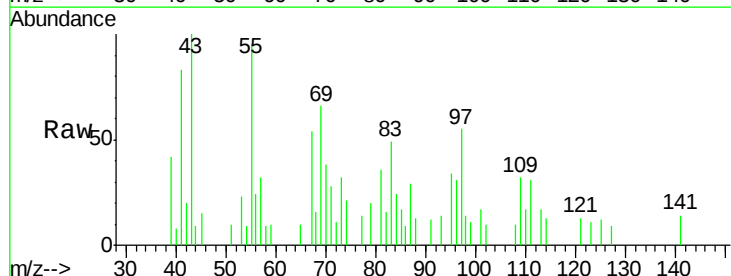
Instrument :
 BNA_F
 ClientSampleId :
 MW-12

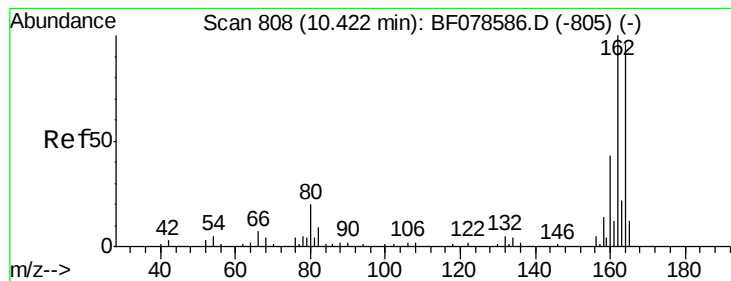
Tgt Ion: 82 Resp: 14096
 Ion Ratio Lower Upper
 82 100
 128 40.5 31.8 47.8
 54 49.1 41.5 62.3



#35
 Caprolactam
 Concen: 7.27 ng
 RT: 8.74 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF078773.D
 Acq: 24 Apr 2015 6:22

Tgt Ion: 113 Resp: 3323
 Ion Ratio Lower Upper
 113 100
 55 551.1 151.9 191.9#
 56 136.5 106.1 146.1





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.00 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

MW-12

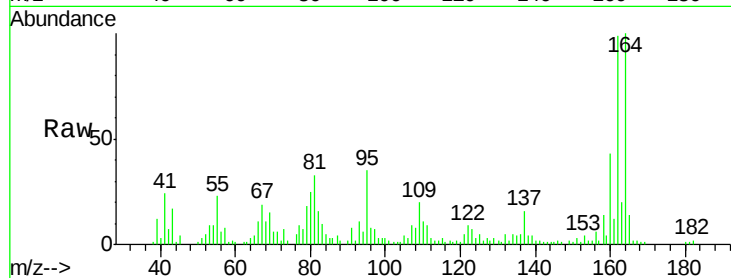
Tgt Ion:164 Resp: 56418

Ion Ratio Lower Upper

164 100

162 98.8 82.2 123.2

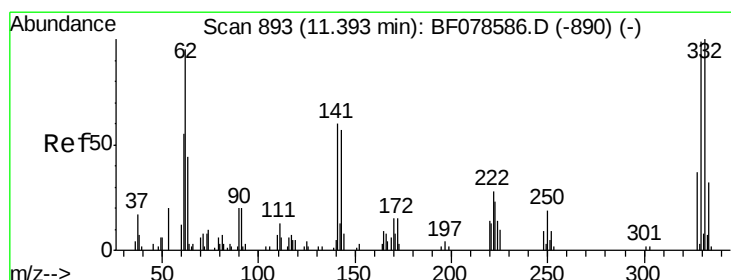
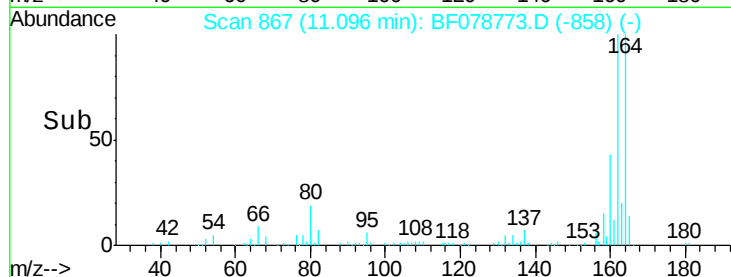
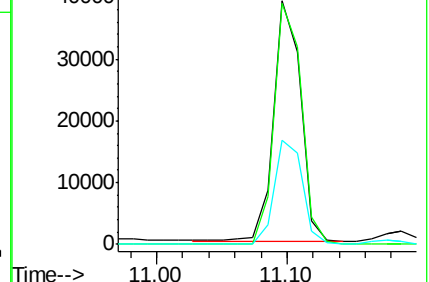
160 42.6 34.7 52.1



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: 11.68 ng

RT: 12.58 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

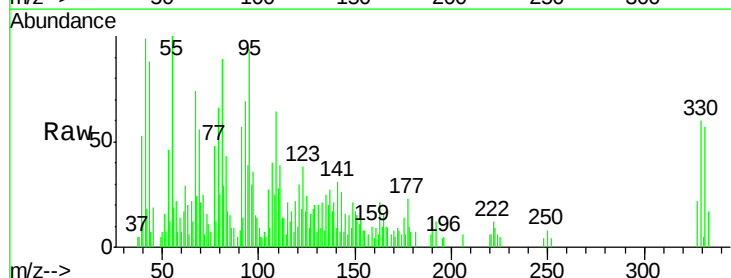
Tgt Ion:330 Resp: 5463

Ion Ratio Lower Upper

330 100

332 95.6 78.6 117.8

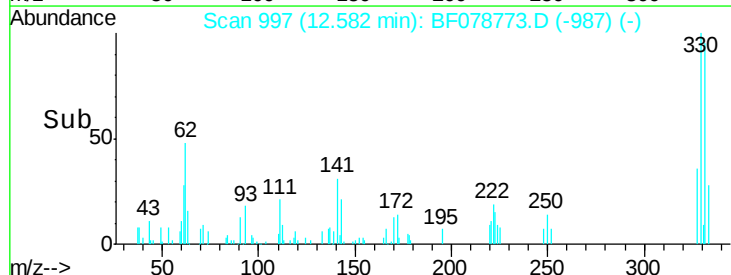
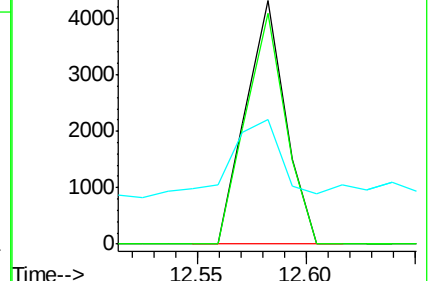
141 66.9 31.2 46.8#

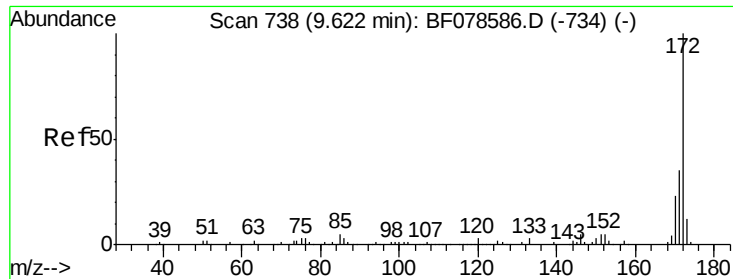


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

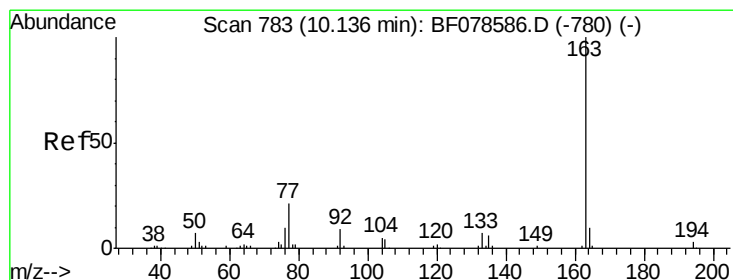
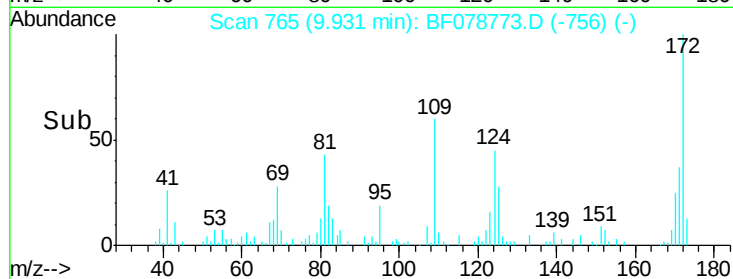
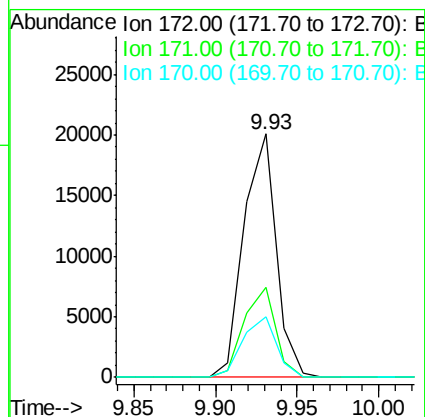
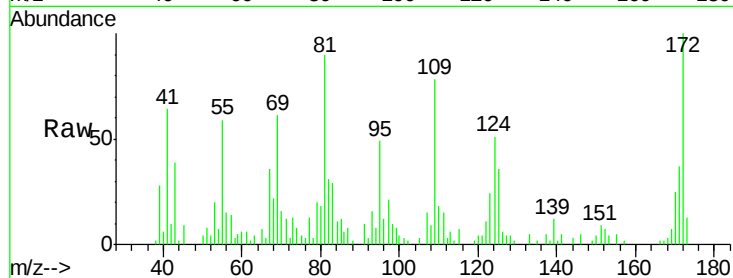




#44
2-Fluorobiphenyl
Concen: 6.97 ng
RT: 9.93 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF078773.D
Acq: 24 Apr 2015 6:22

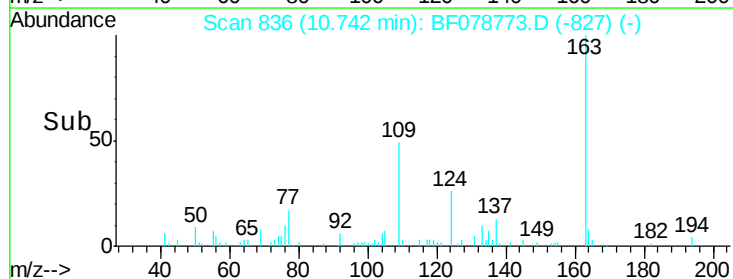
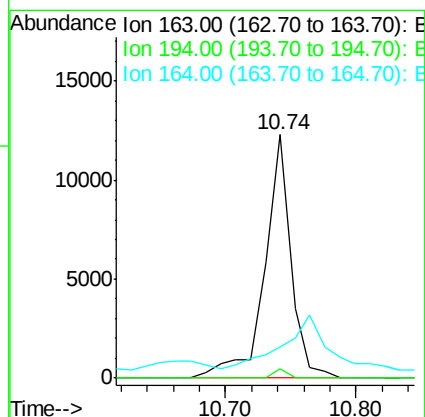
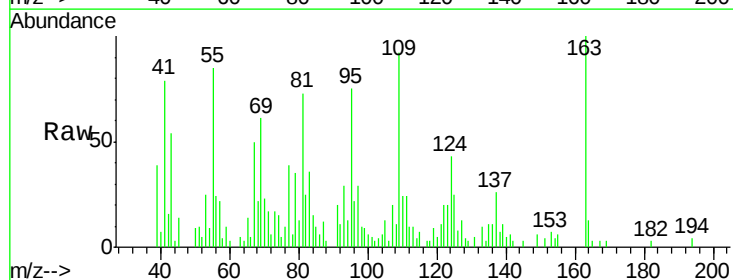
Instrument :
BNA_F
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MW-12

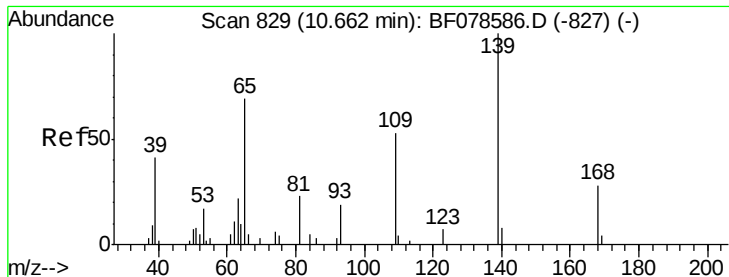
Tgt Ion:172 Resp: 27507
Ion Ratio Lower Upper
172 100
171 37.2 28.6 42.8
170 24.9 18.5 27.7



#49
Dimethylphthalate
Concen: 4.12 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF078773.D
Acq: 24 Apr 2015 6:22

Tgt Ion:163 Resp: 17476
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 13.0 8.6 13.0#

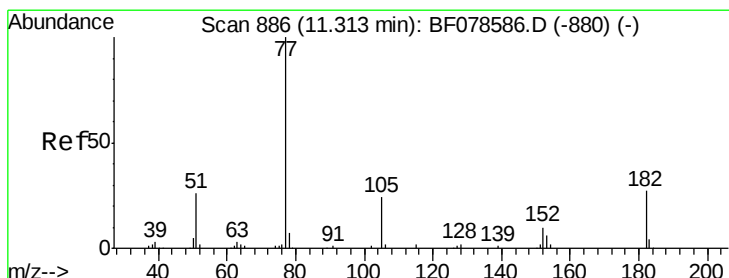
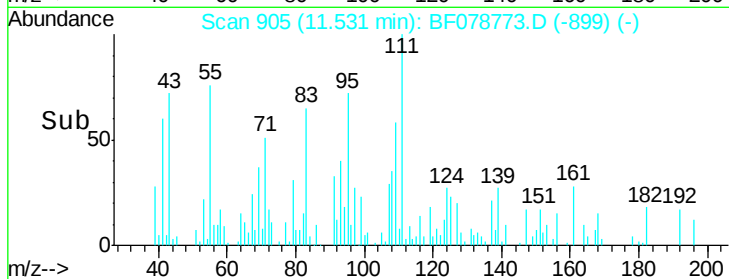
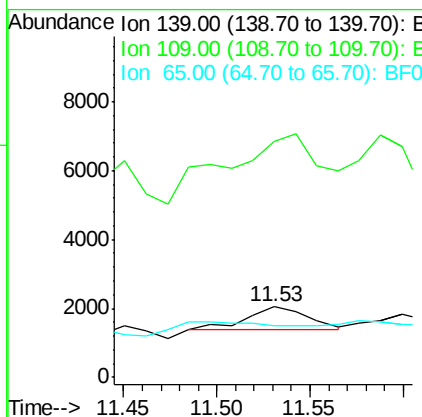
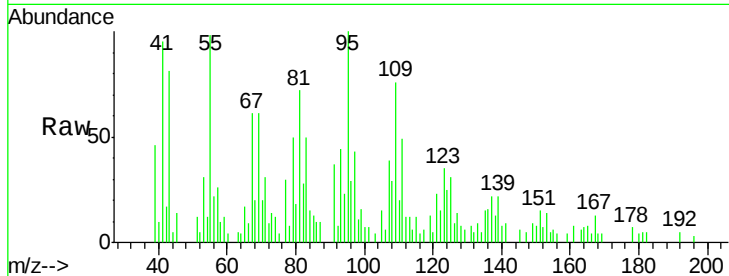




#55
4-Nitrophenol
Concen: 4.77 ng
RT: 11.53 min Scan# 905
Delta R.T. -0.03 min
Lab File: BF078773.D
Acq: 24 Apr 2015 6:22

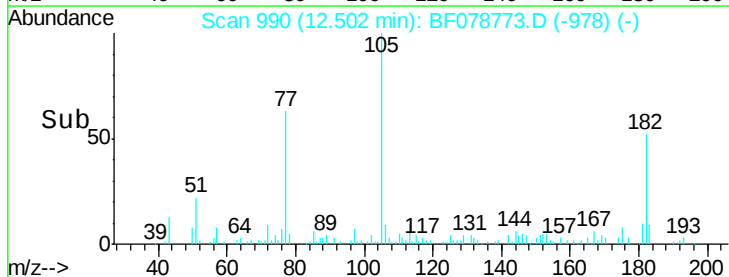
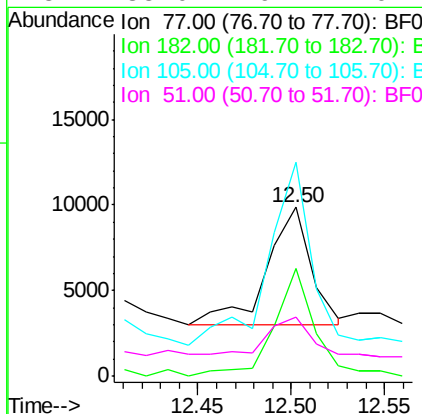
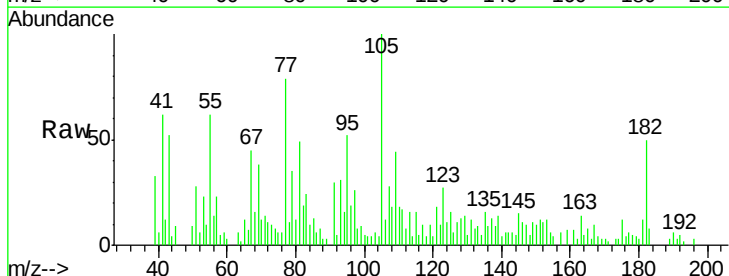
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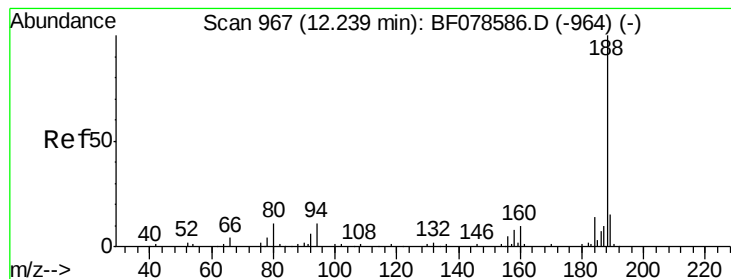
Tgt Ion:139 Resp: 1519
Ion Ratio Lower Upper
139 100
109 336.1 36.7 76.7#
65 74.1 49.9 89.9



#62
Azobenzene
Concen: 3.02 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.03 min
Lab File: BF078773.D
Acq: 24 Apr 2015 6:22

Tgt Ion: 77 Resp: 11261
Ion Ratio Lower Upper
77 100
182 63.7 0.0 36.8#
105 126.5 0.3 40.3#
51 35.0 9.1 49.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 13.84 min Scan# 1107

Delta R.T. 0.01 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

MW-12

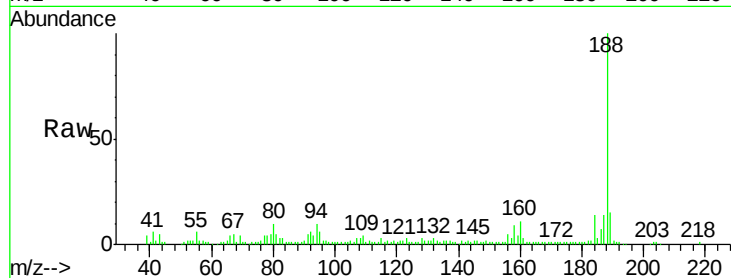
Tgt Ion:188 Resp: 112250

Ion Ratio Lower Upper

188 100

94 10.3 9.0 13.4

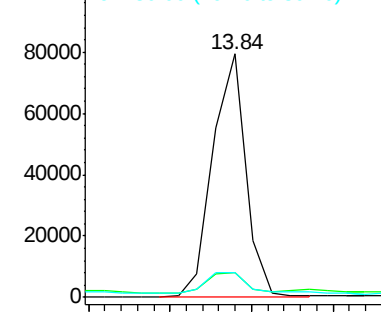
80 10.0 9.5 14.3



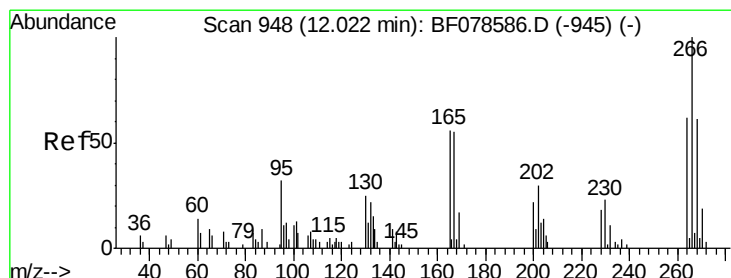
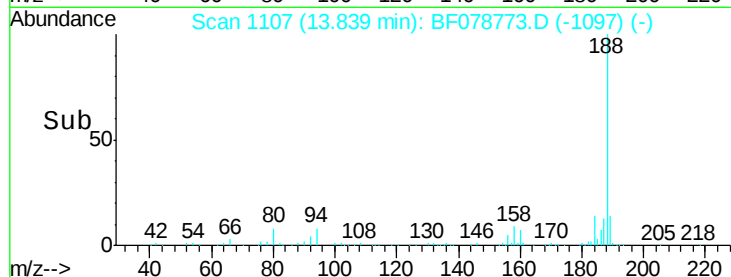
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 13.75 13.80 13.85 13.90



#69

Pentachlorophenol

Concen: 8.61 ng

RT: 13.54 min Scan# 1081

Delta R.T. 0.01 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

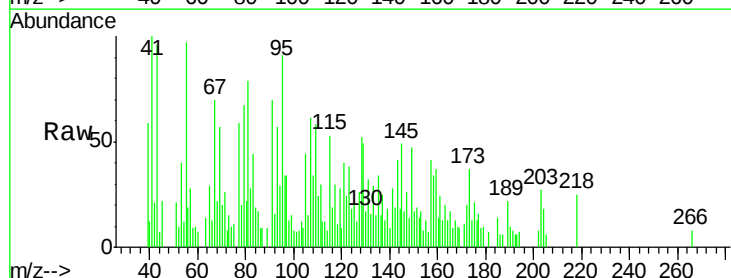
Tgt Ion:266 Resp: 541

Ion Ratio Lower Upper

266 100

268 0.0 50.1 75.1#

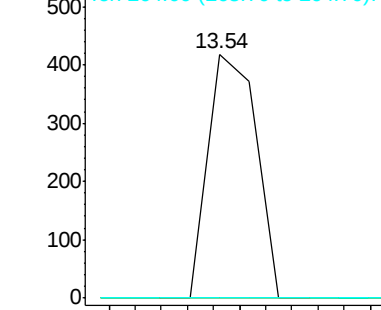
264 0.0 50.0 75.0#



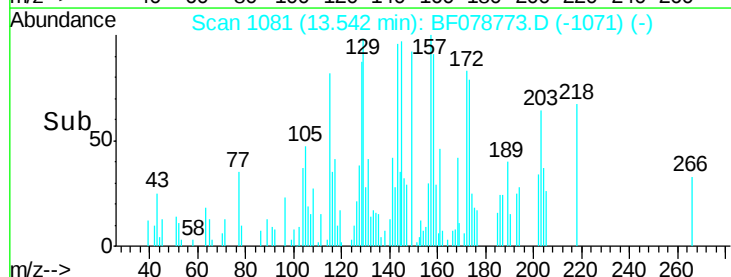
Abundance Ion 265.70 (265.40 to 266.40): E

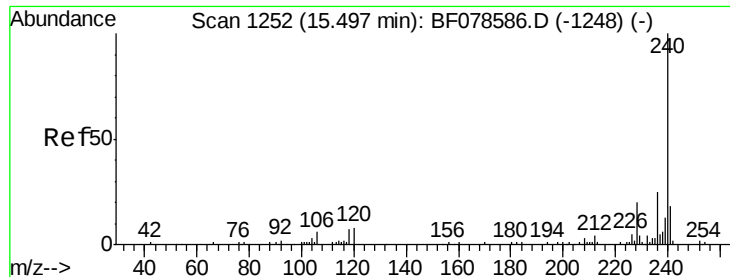
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 13.50 13.55





#75

Chrysene-d12

Concen: 20.00 ng

RT: 17.71 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

MW-12

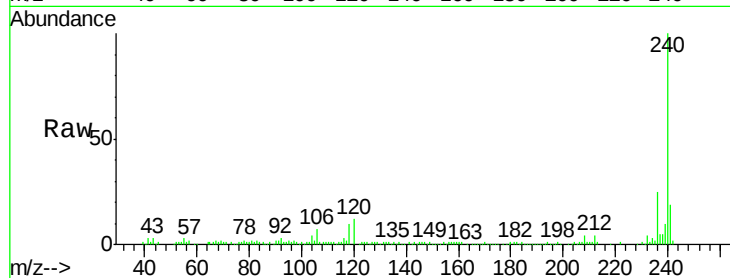
Tgt Ion:240 Resp: 127826

Ion Ratio Lower Upper

240 100

120 11.7 7.1 10.7#

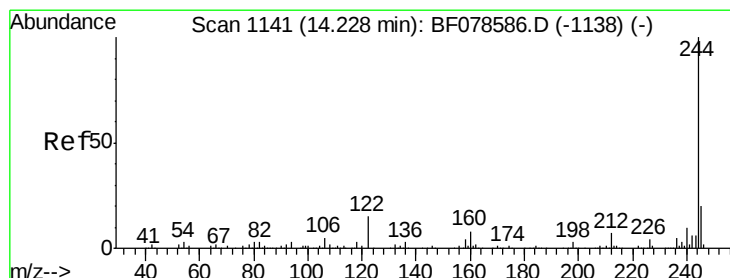
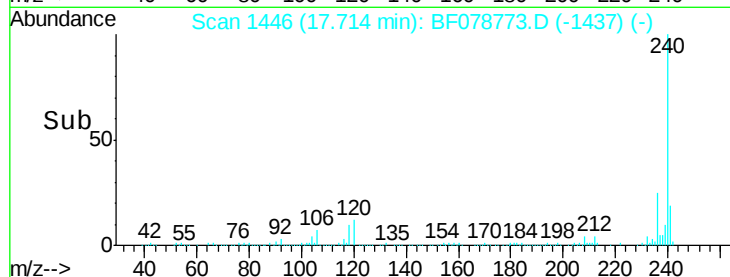
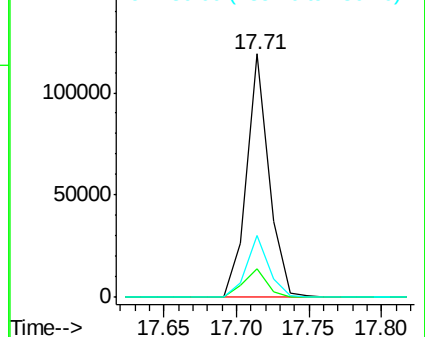
236 25.2 21.4 32.2



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: 5.33 ng

RT: 16.38 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

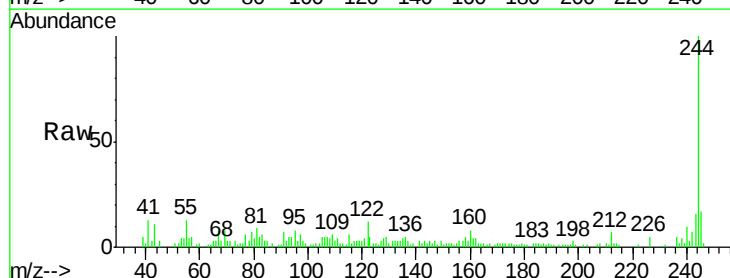
Tgt Ion:244 Resp: 30163

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.4#

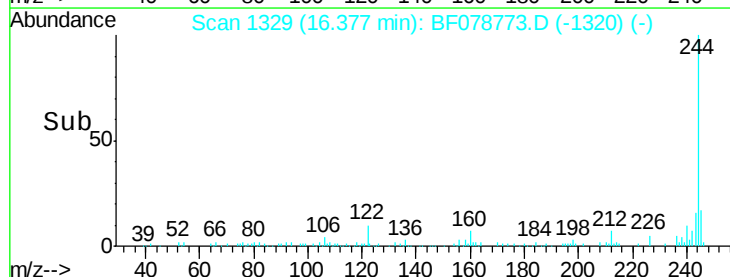
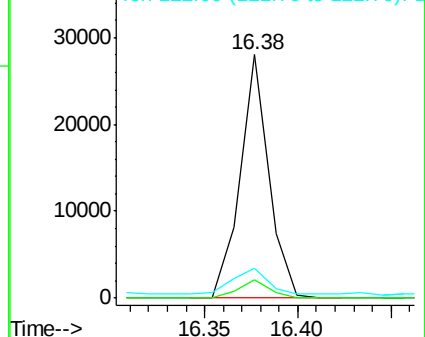
122 12.1 7.1 10.7#

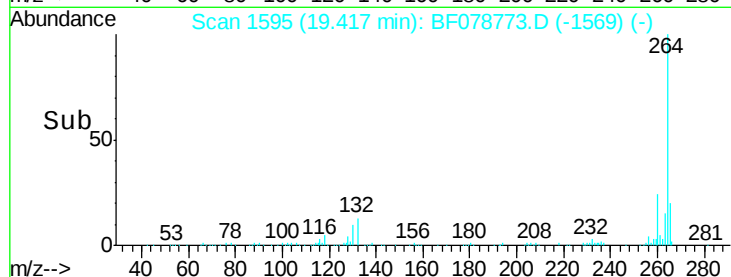
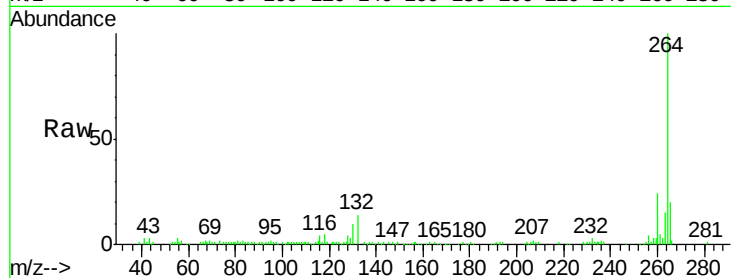
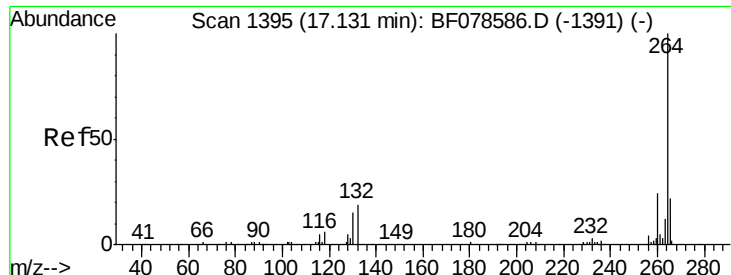


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.42 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BF078773.D

Acq: 24 Apr 2015 6:22

Instrument :

BNA_F

ClientSampleId :

MW-12

Tgt Ion: 264 Resp: 127905

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 20.0 17.0 25.6

