

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042015\
 Data File : BF078657.D
 Acq On : 20 Apr 2015 21:46
 Operator : TP/IZ
 Sample : G1936-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Apr 21 01:10:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

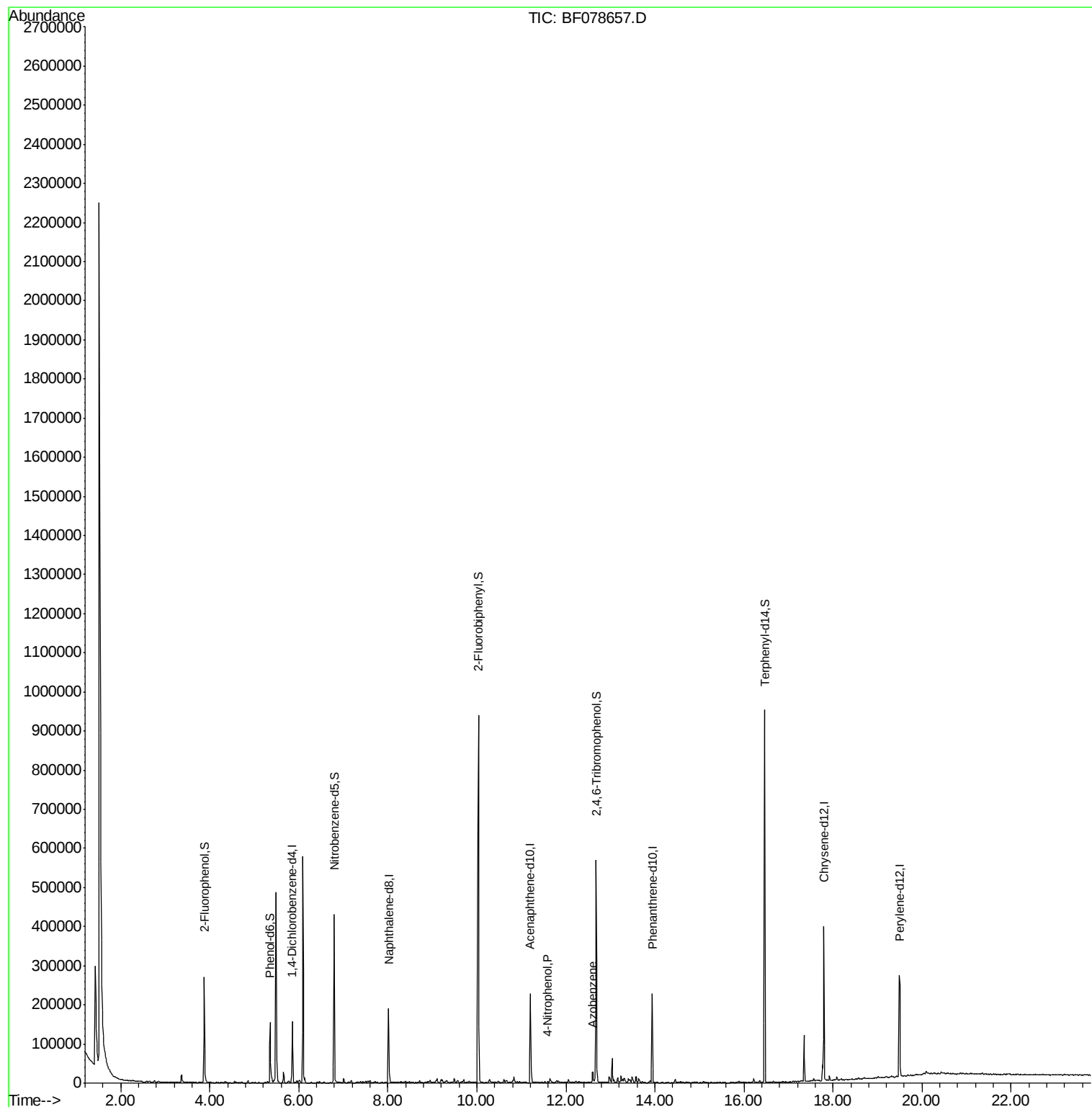
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	36209	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	145941	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	74240	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	146008	20.00	ng	0.00
75) Chrysene-d12	17.79	240	150997	20.00	ng	-0.01
86) Perylene-d12	19.50	264	142874	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	107924	49.14	ng	0.00
7) Phenol-d6	5.36	99	83488	30.33	ng	0.00
23) Nitrobenzene-d5	6.80	82	202883	84.26	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	93761	152.28	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	436797	84.10	ng	0.00
78) Terphenyl-d14	16.47	244	495770	74.19	ng	0.00
Target Compounds						
55) 4-Nitrophenol	11.59	139	617	3.39	ng	# 18
62) Azobenzene	12.59	77	10024	2.04	ng	# 1

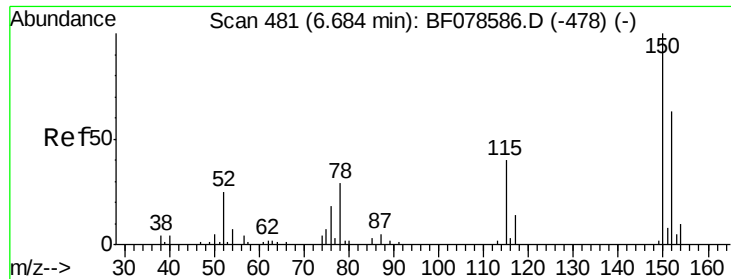
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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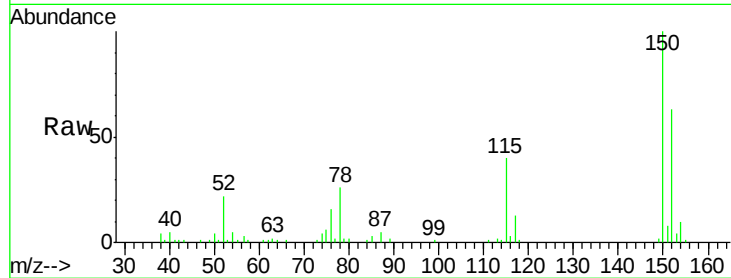




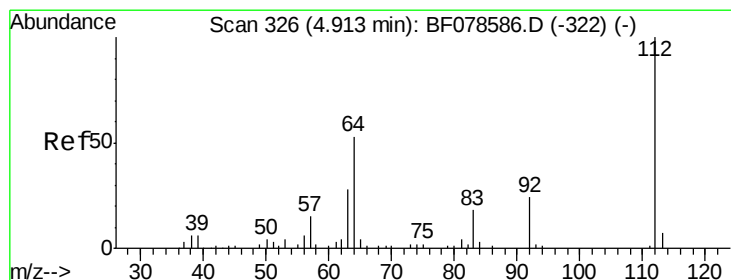
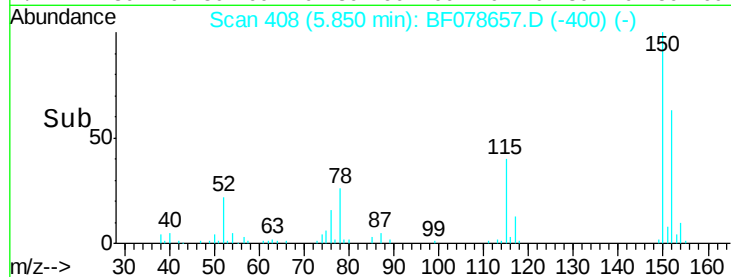
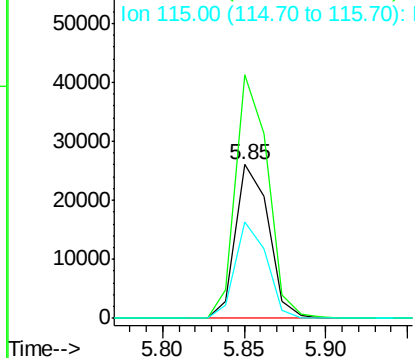
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.85 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:152 Resp: 36209
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.9 188.9
 115 62.8 52.7 79.1

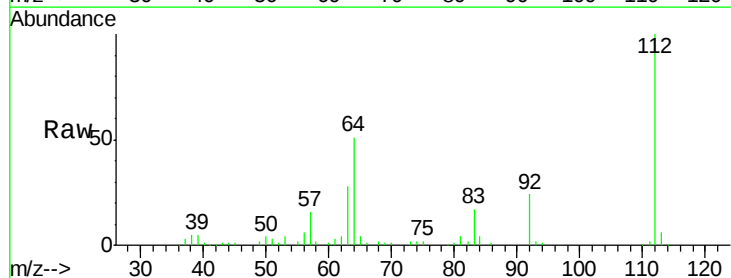


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

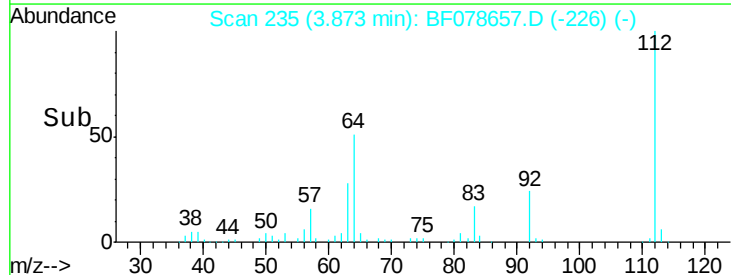
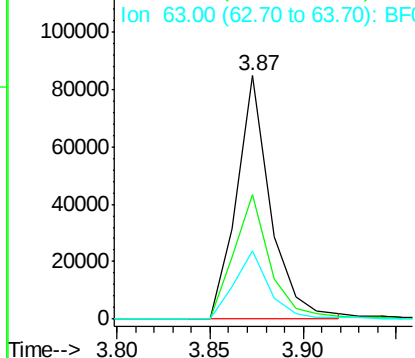


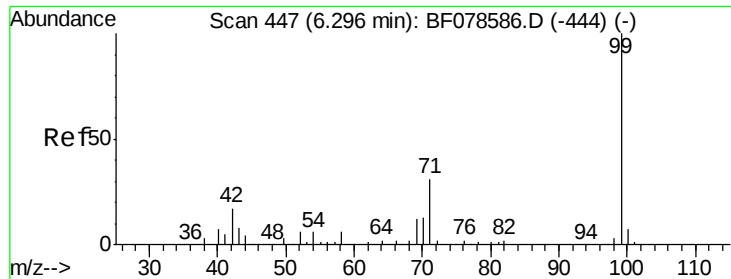
#5
 2-Fluorophenol
 Concen: 49.14 ng
 RT: 3.87 min Scan# 235
 Delta R.T. 0.00 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Tgt Ion:112 Resp: 107924
 Ion Ratio Lower Upper
 112 100
 64 51.3 39.9 59.9
 63 27.8 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: 30.33 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078657.D

Acq: 20 Apr 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW-09

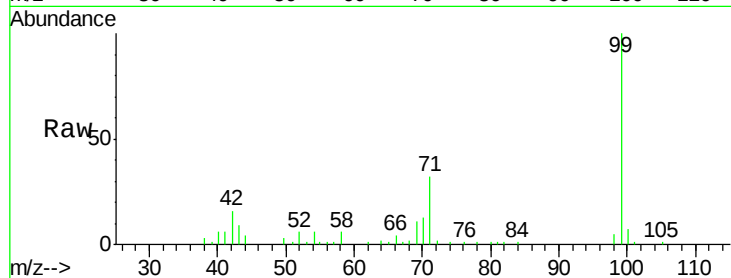
Tgt Ion: 99 Resp: 83488

Ion Ratio Lower Upper

99 100

42 15.8 14.8 22.2

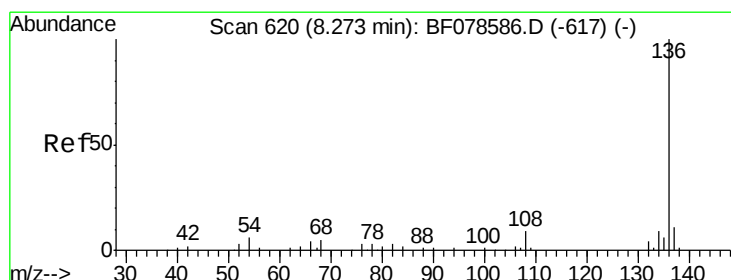
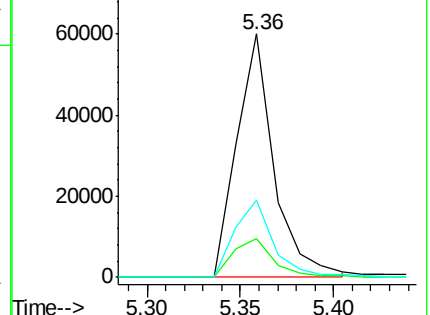
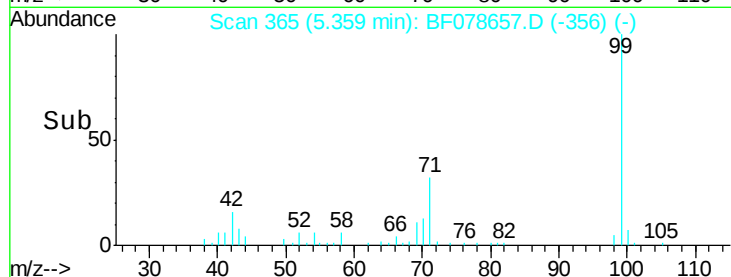
71 31.5 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078657.D

Acq: 20 Apr 2015 21:46

Tgt Ion: 136 Resp: 145941

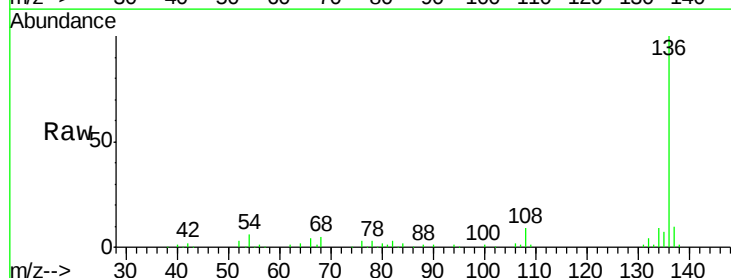
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.0 7.0 10.6#

68 4.7 5.4 8.2#

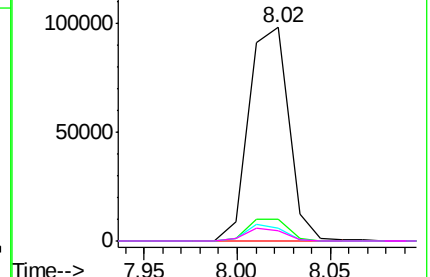
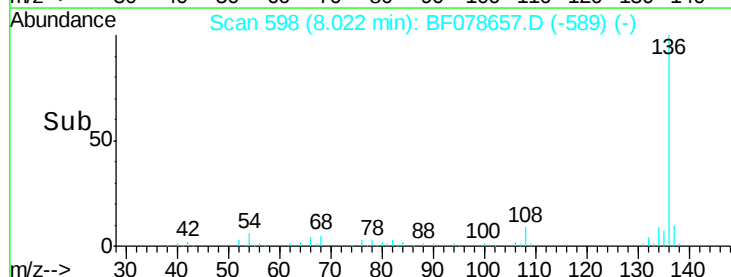


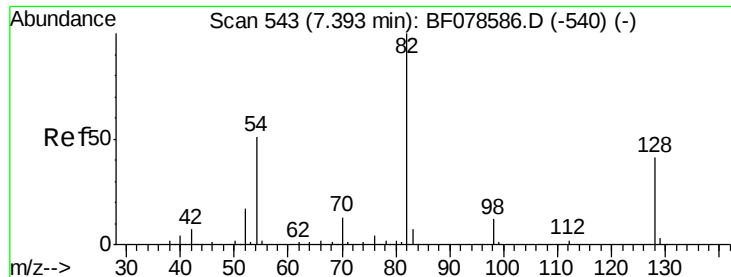
Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.26 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078657.D

Acq: 20 Apr 2015 21:46

Instrument :

BNA_F

ClientSampleId :

MW-09

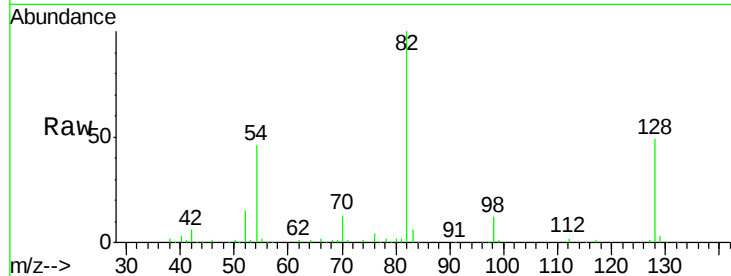
Tgt Ion: 82 Resp: 202883

Ion Ratio Lower Upper

82 100

128 48.6 31.8 47.8#

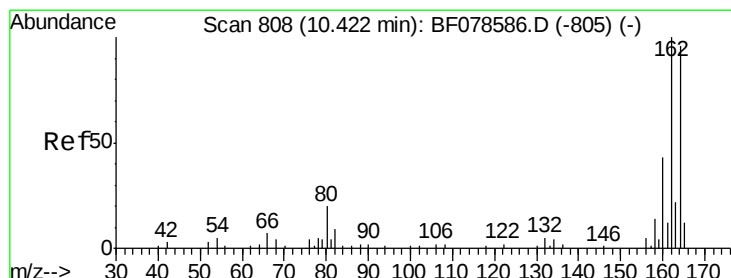
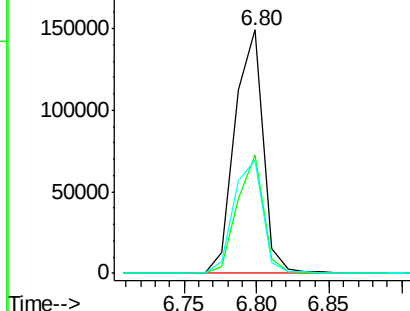
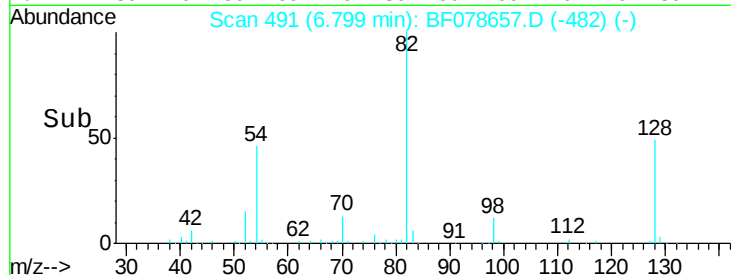
54 46.3 41.5 62.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.20 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF078657.D

Acq: 20 Apr 2015 21:46

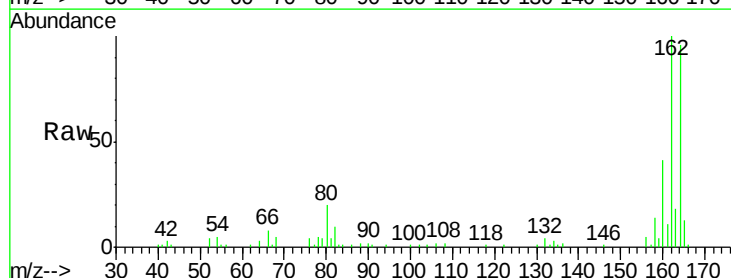
Tgt Ion: 164 Resp: 74240

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.2

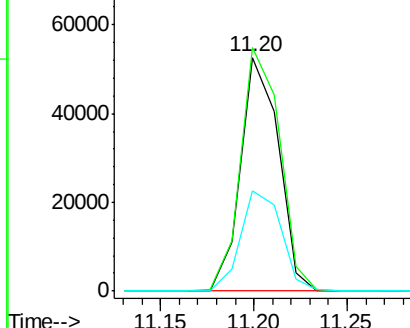
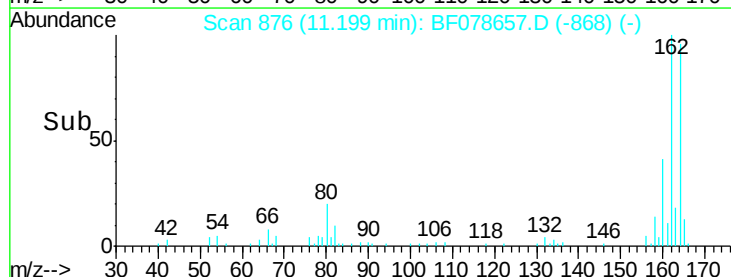
160 42.8 34.7 52.1



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

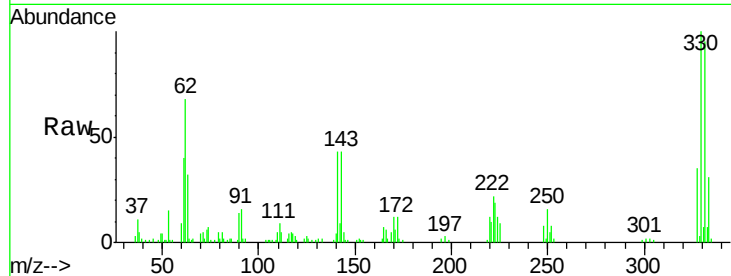




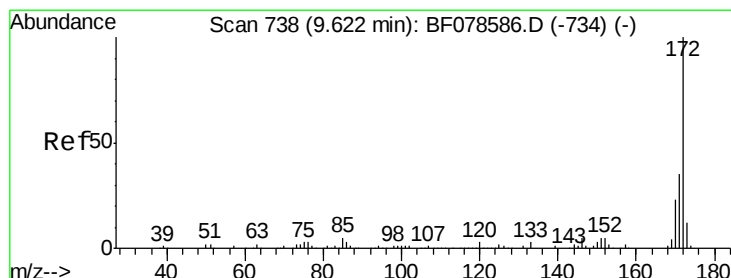
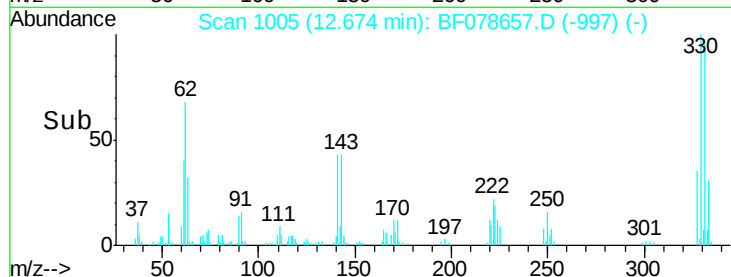
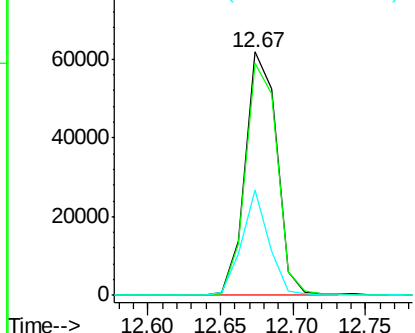
#41
 2,4,6-Tribromophenol
 Concen: 152.28 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Instrument :
 BNA_F
 ClientSampled :
 MW-09

Tgt Ion:330 Resp: 93761
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.6 117.8
 141 37.3 31.2 46.8

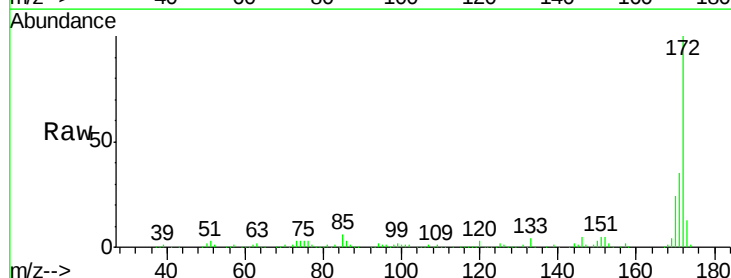


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

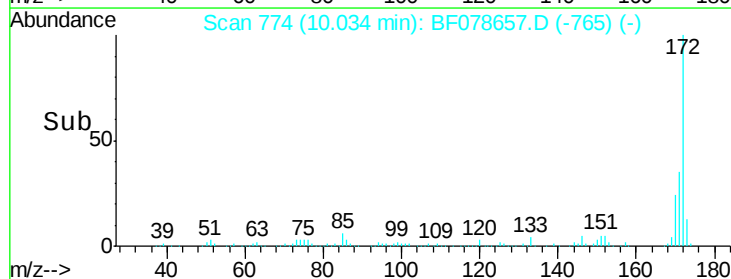
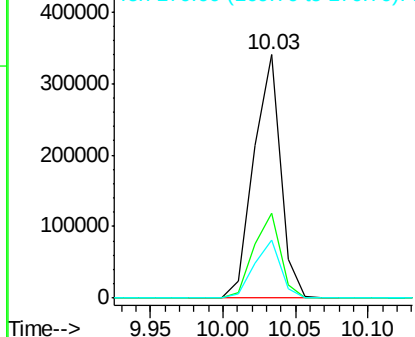


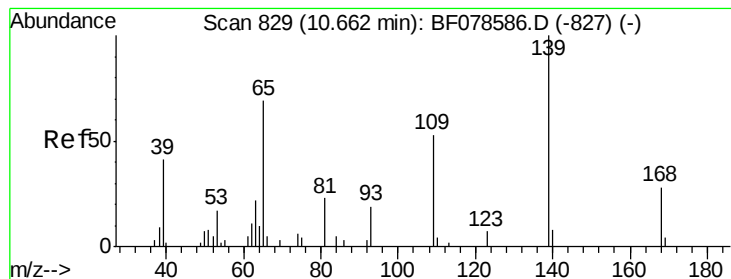
#44
 2-Fluorobiphenyl
 Concen: 84.10 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Tgt Ion:172 Resp: 436797
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 23.6 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

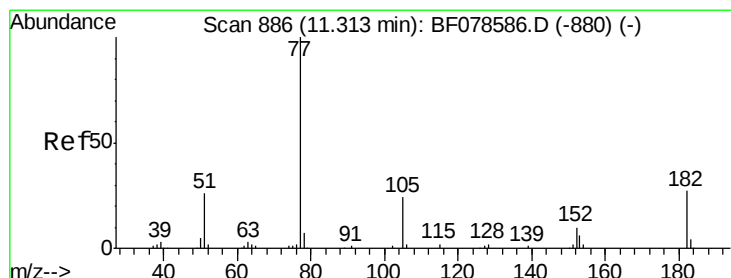
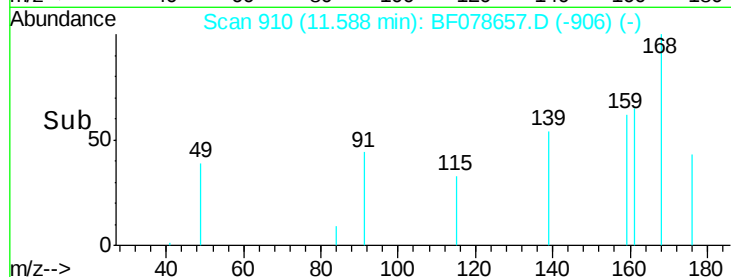
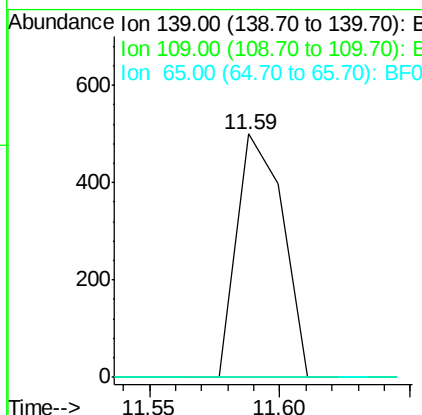
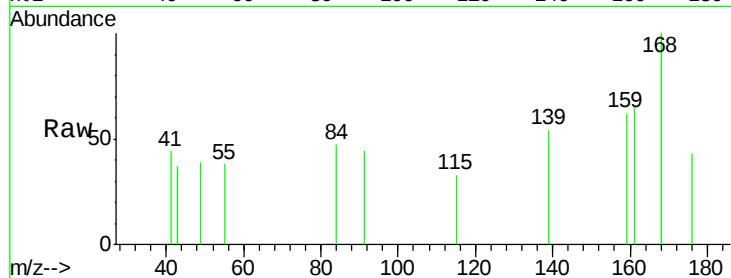




#55
 4-Nitrophenol
 Concen: 3.39 ng
 RT: 11.59 min Scan# 910
 Delta R.T. -0.06 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

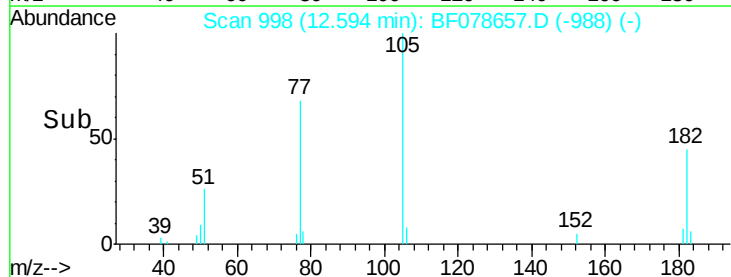
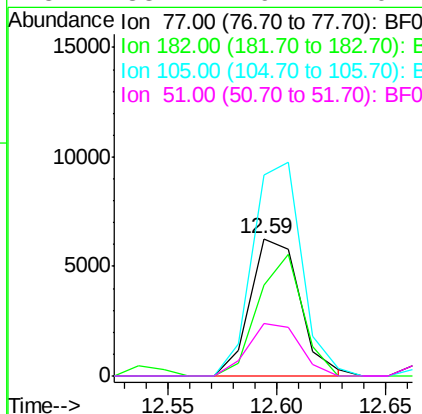
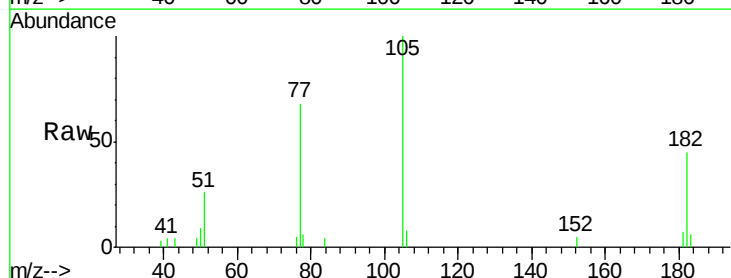
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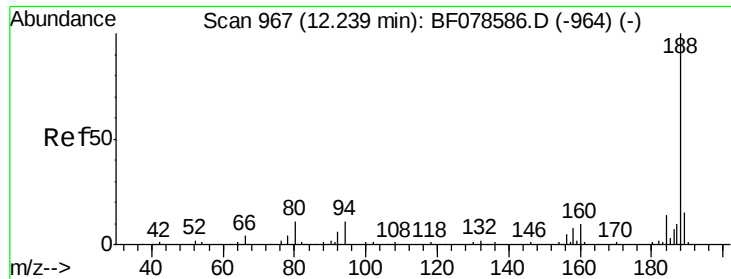
Tgt Ion:	139	Resp:	617
Ion	Ratio	Lower	Upper
139	100		
109	0.0	36.7	76.7#
65	0.0	49.9	89.9#



#62
 Azobenzene
 Concen: 2.04 ng
 RT: 12.59 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Tgt Ion:	77	Resp:	10024
Ion	Ratio	Lower	Upper
77	100		
182	65.9	0.0	36.8#
105	146.8	0.3	40.3#
51	38.4	9.1	49.1

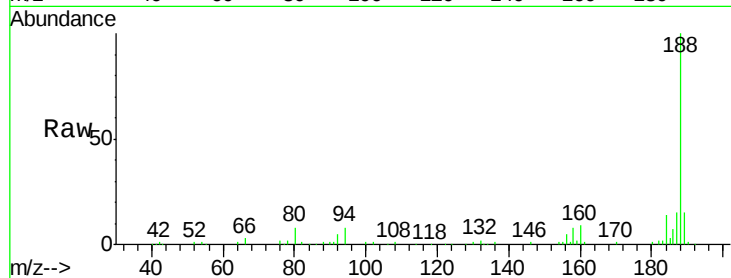




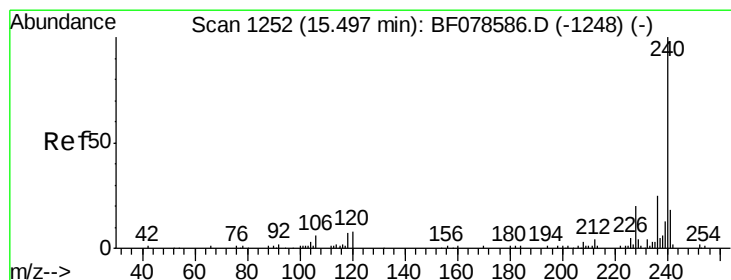
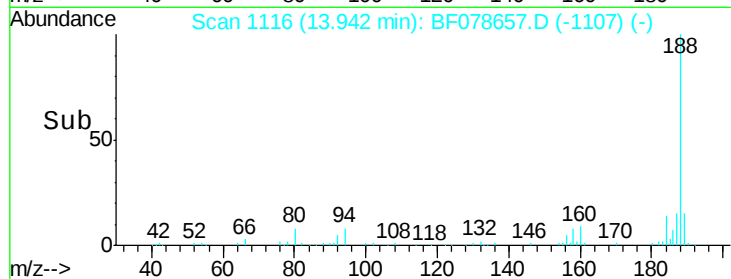
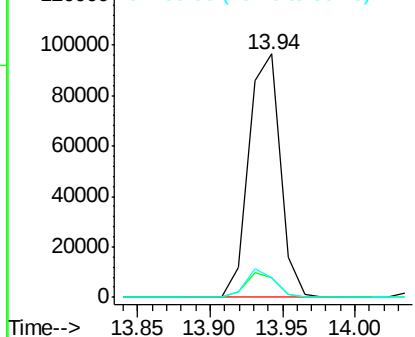
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF078657.D
Acq: 20 Apr 2015 21:46

Instrument :
BNA_F
ClientSampleId :
MW-09

Tgt Ion:188 Resp: 146008
Ion Ratio Lower Upper
188 100
94 8.3 9.0 13.4#
80 8.1 9.5 14.3#

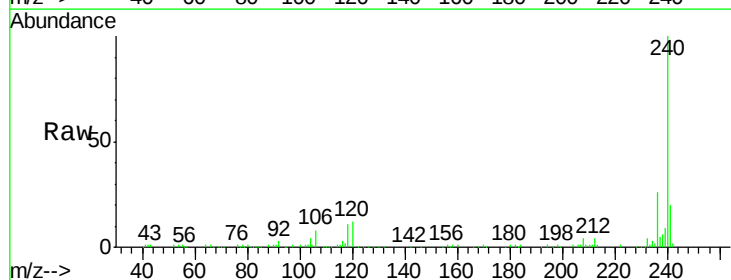


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

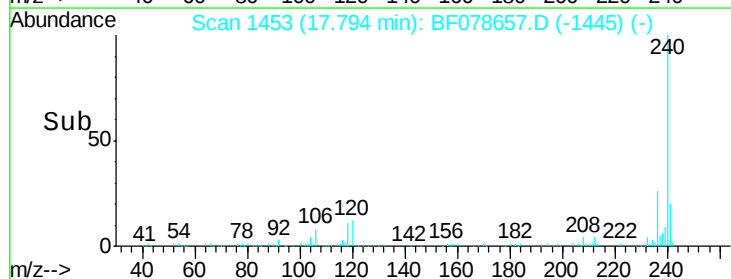
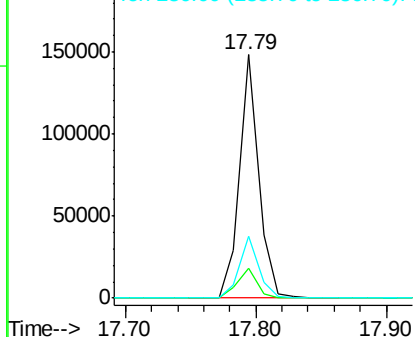


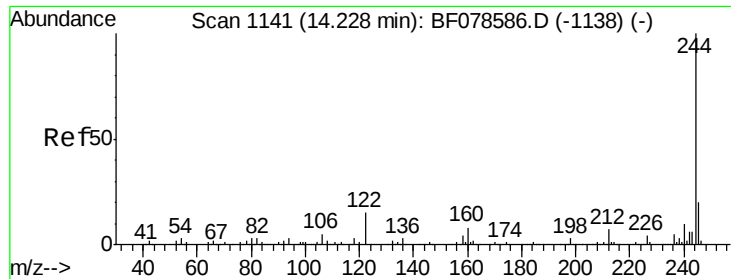
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078657.D
Acq: 20 Apr 2015 21:46

Tgt Ion:240 Resp: 150997
Ion Ratio Lower Upper
240 100
120 12.1 7.1 10.7#
236 25.6 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

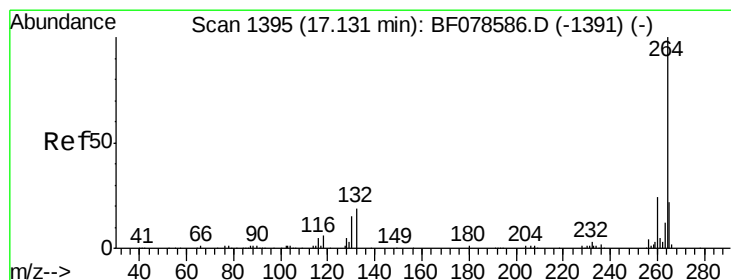
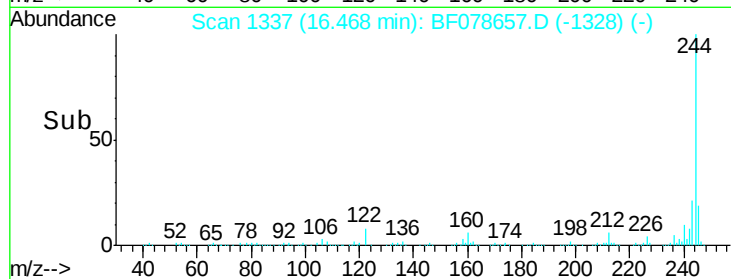
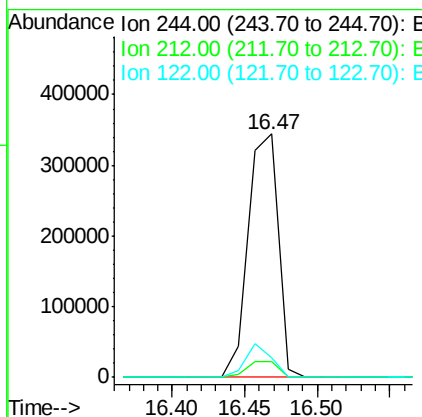
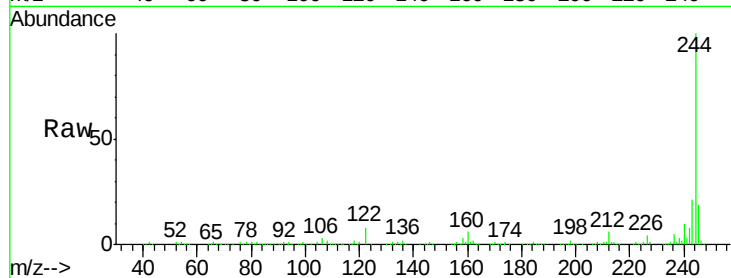




#78
 Terphenyl-d14
 Concen: 74.19 ng
 RT: 16.47 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tgt Ion:244 Resp: 495770
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 7.9 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.50 min Scan# 1602
 Delta R.T. -0.03 min
 Lab File: BF078657.D
 Acq: 20 Apr 2015 21:46

Tgt Ion:264 Resp: 142874
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.3 17.0 25.6

