

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078223.D
 Acq On : 3 Apr 2015 4:05
 Operator : TP/IZ
 Sample : G1736-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Quant Time: Apr 03 05:43:49 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

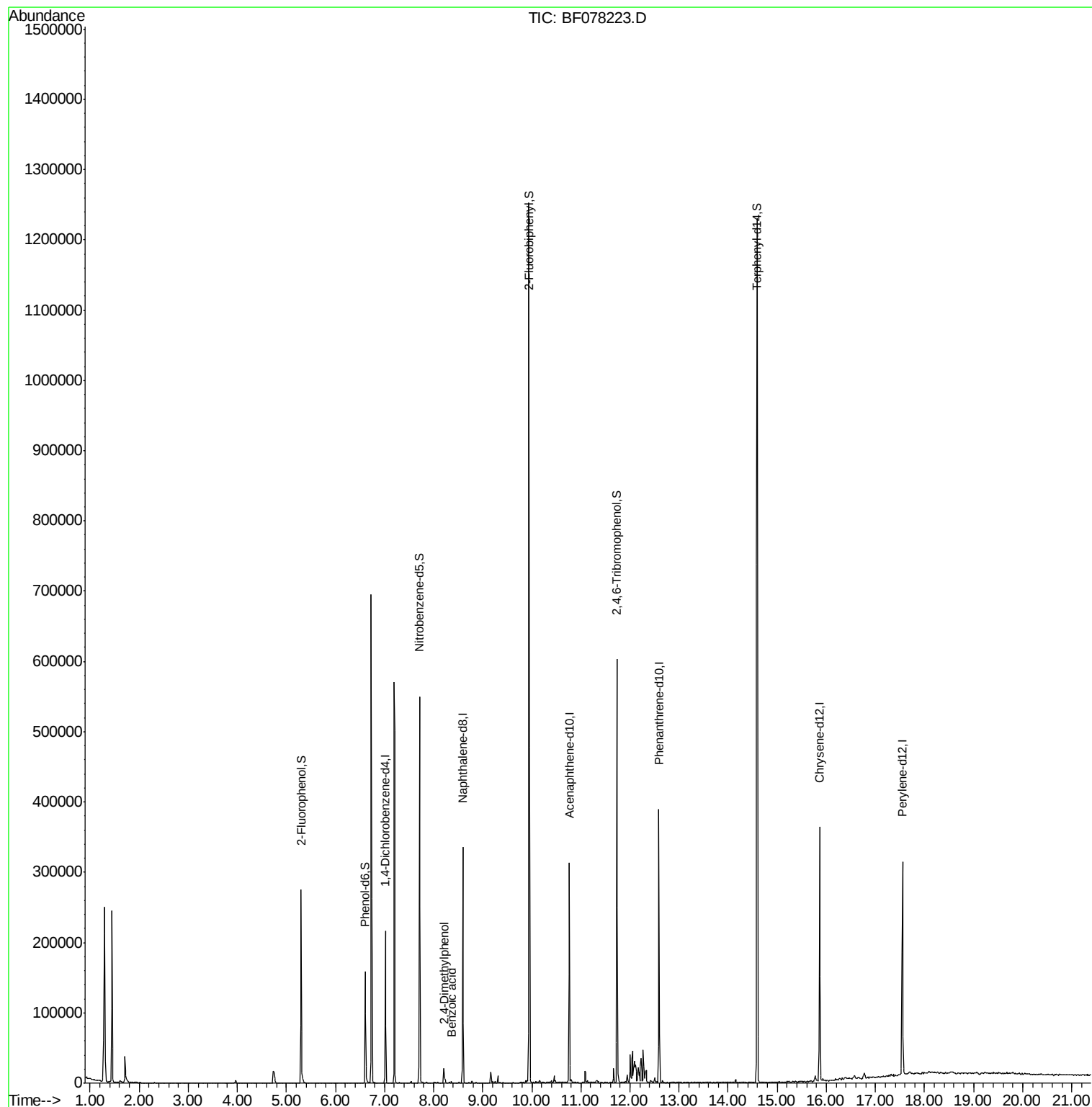
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37715	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	154931	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	74753	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	144788	20.00	ng	0.00
75) Chrysene-d12	15.86	240	149447	20.00	ng	-0.02
86) Perylene-d12	17.55	264	144698	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	97402	42.58	ng	0.01
7) Phenol-d6	6.60	99	76183	26.58	ng	0.00
23) Nitrobenzene-d5	7.71	82	203185	79.49	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	74866	120.76	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	439554	84.05	ng	0.00
78) Terphenyl-d14	14.59	244	505125	76.38	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	8.21	122	5574	2.35	ng	Qvalue 97
32) Benzoic acid	8.36	122	320	6.05	ng	# 1

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

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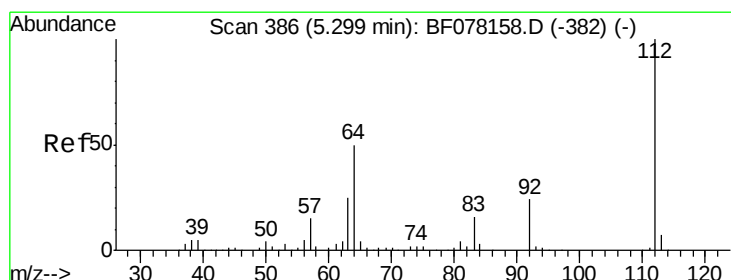
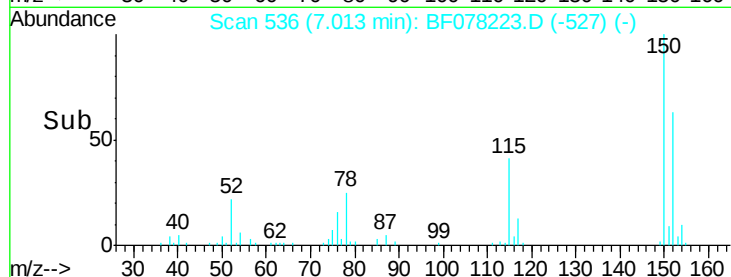
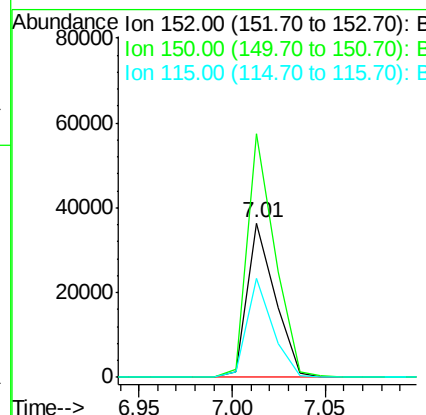
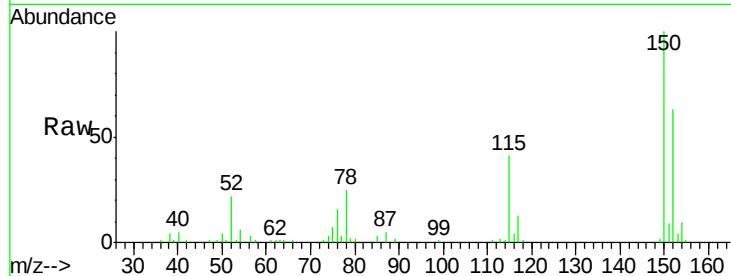




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.01 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

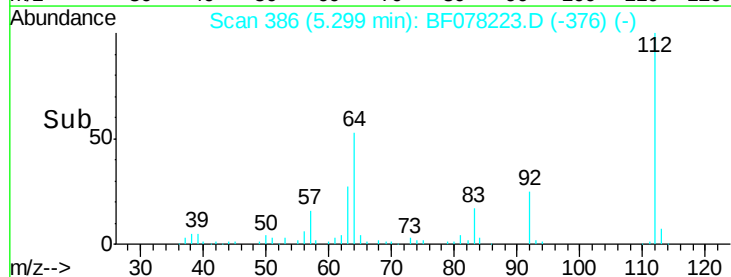
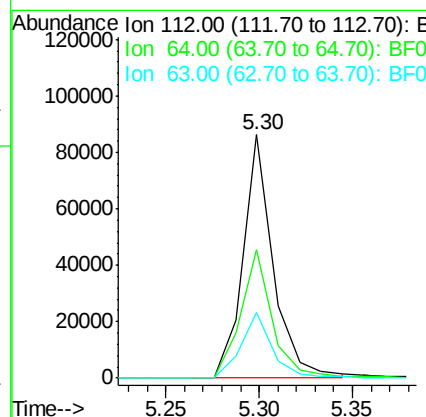
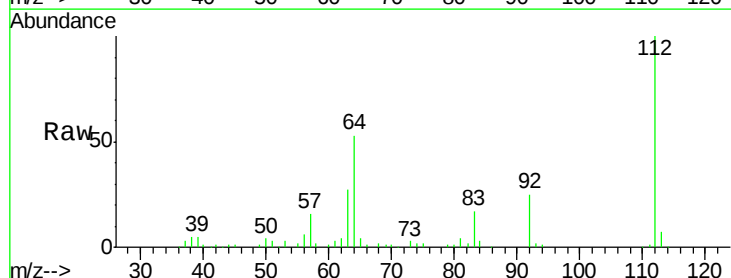
Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:152 Resp: 37715
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.9 188.9
 115 64.7 52.7 79.1



#5
 2-Fluorophenol
 Concen: 42.58 ng
 RT: 5.30 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Tgt Ion:112 Resp: 97402
 Ion Ratio Lower Upper
 112 100
 64 52.5 39.9 59.9
 63 26.7 20.2 30.4





#7

Phenol-d6

Concen: 26.58 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078223.D

Acq: 3 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

MW-16

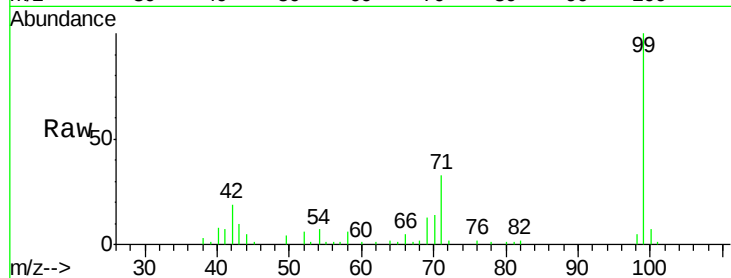
Tgt Ion: 99 Resp: 76183

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

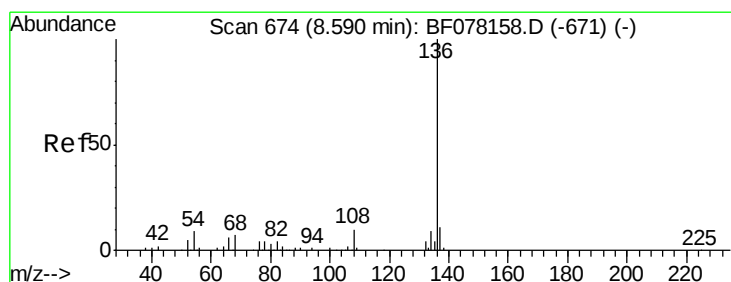
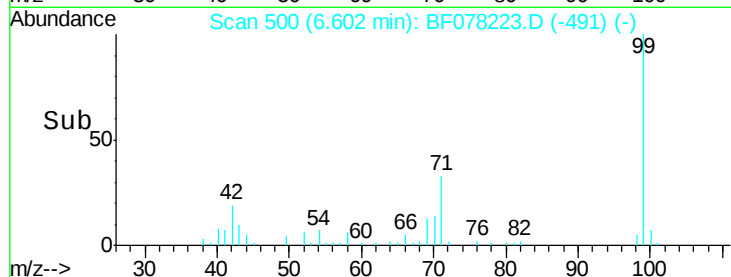
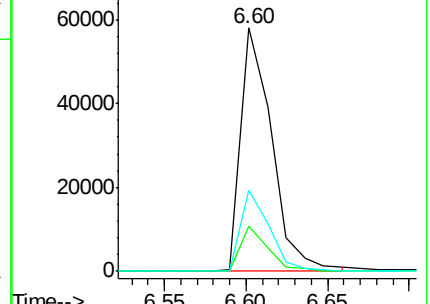
71 33.1 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF078158.D (-497) (-)

Ion 42.00 (41.70 to 42.70): BF078158.D (-497) (-)

Ion 71.00 (70.70 to 71.70): BF078158.D (-497) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078223.D

Acq: 3 Apr 2015 4:05

Tgt Ion: 136 Resp: 154931

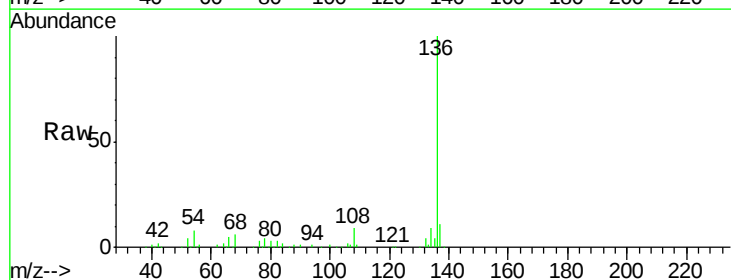
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.6 7.0 10.6

68 5.9 5.4 8.2

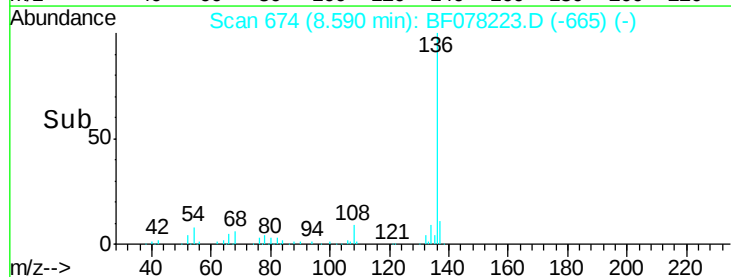
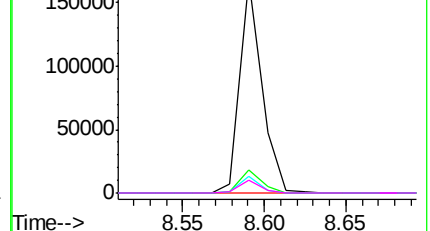


Abundance Ion 136.00 (135.70 to 136.70): BF078158.D (-671) (-)

Ion 137.00 (136.70 to 137.70): BF078158.D (-671) (-)

Ion 54.00 (53.70 to 54.70): BF078158.D (-671) (-)

Ion 68.00 (67.70 to 68.70): BF078158.D (-671) (-)

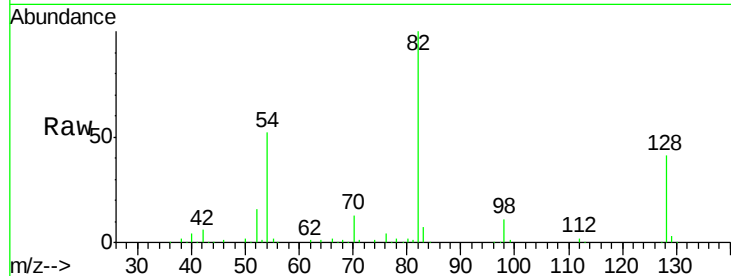




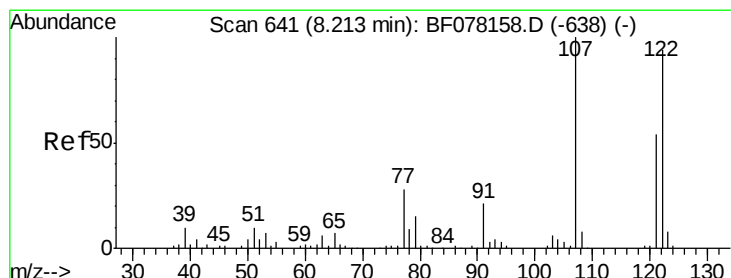
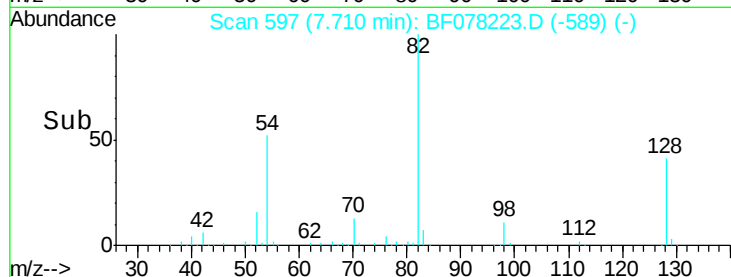
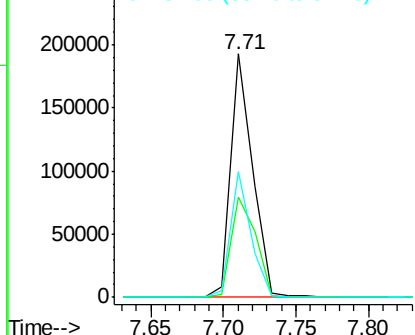
#23
 Nitrobenzene-d5
 Concen: 79.49 ng
 RT: 7.71 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion: 82 Resp: 203185
 Ion Ratio Lower Upper
 82 100
 128 41.3 31.8 47.8
 54 51.5 41.5 62.3

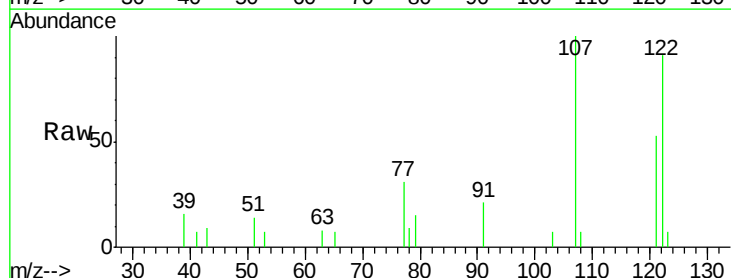


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

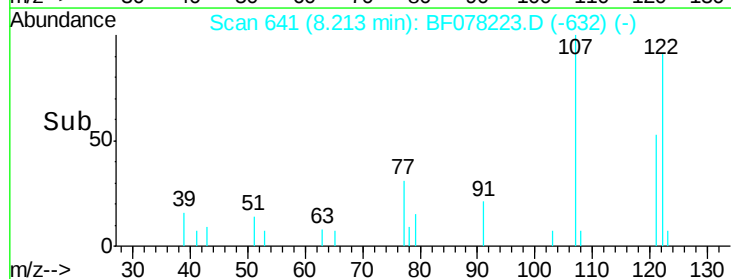
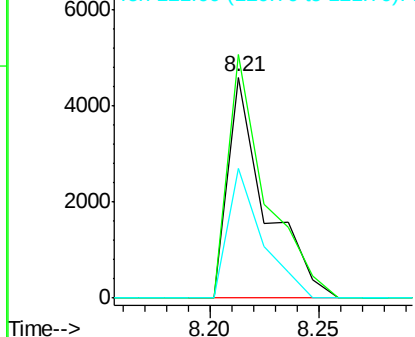


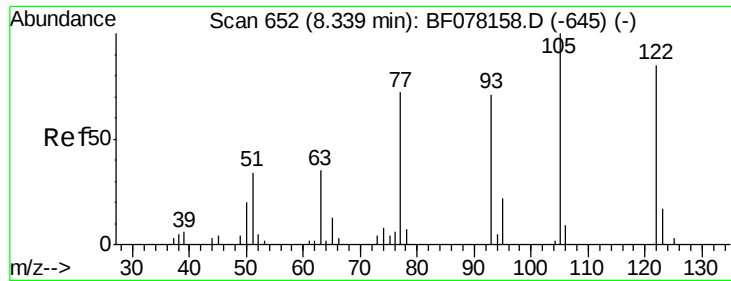
#27
 2,4-Dimethylphenol
 Concen: 2.35 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Tgt Ion: 122 Resp: 5574
 Ion Ratio Lower Upper
 122 100
 107 110.2 84.6 127.0
 121 58.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): B
 Ion 107.00 (106.70 to 107.70): B
 Ion 121.00 (120.70 to 121.70): B





#32

Benzoic acid

Concen: 6.05 ng

RT: 8.36 min Scan# 654

Delta R.T. 0.02 min

Lab File: BF078223.D

Acq: 3 Apr 2015 4:05

Instrument :

BNA_F

ClientSampleId :

MW-16

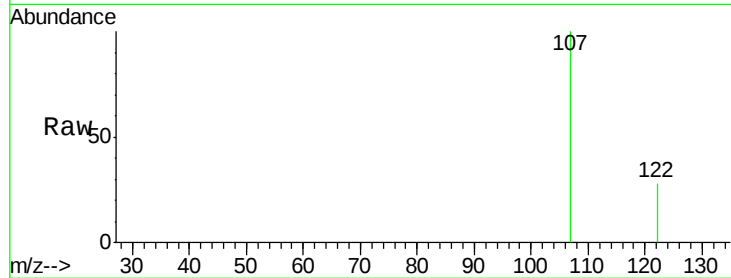
Tgt Ion:122 Resp: 320

Ion Ratio Lower Upper

122 100

105 0.0 96.1 136.1#

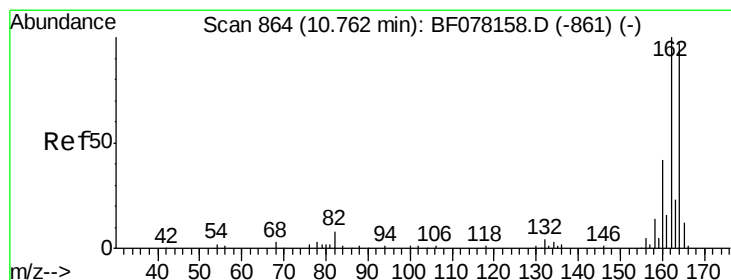
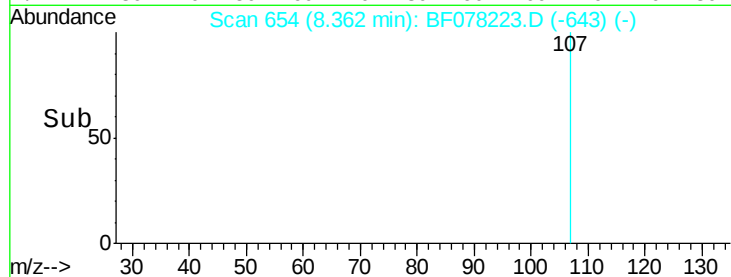
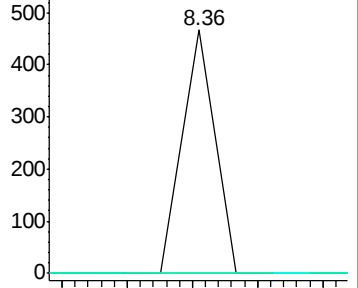
77 0.0 64.1 104.1#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078223.D

Acq: 3 Apr 2015 4:05

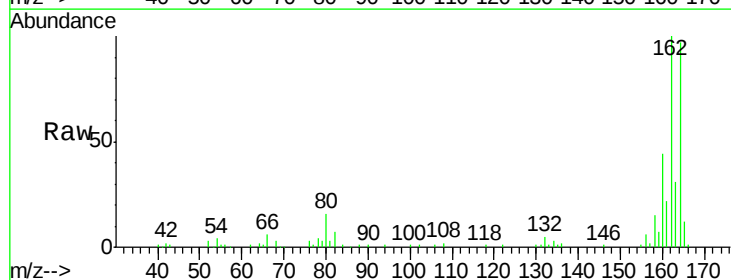
Tgt Ion:164 Resp: 74753

Ion Ratio Lower Upper

164 100

162 103.4 82.2 123.2

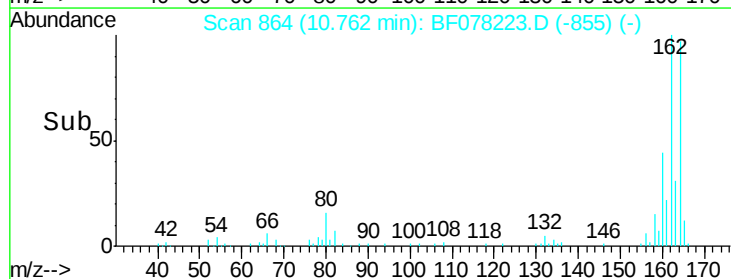
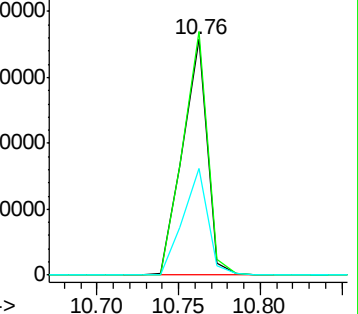
160 45.2 34.7 52.1

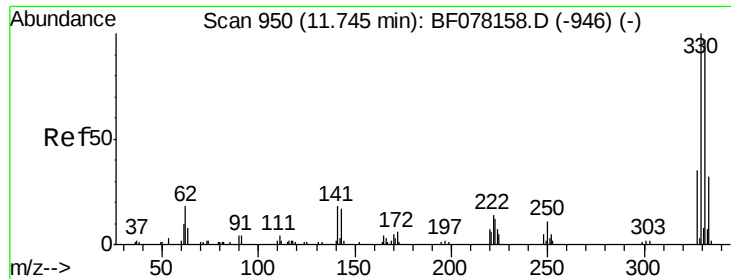


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

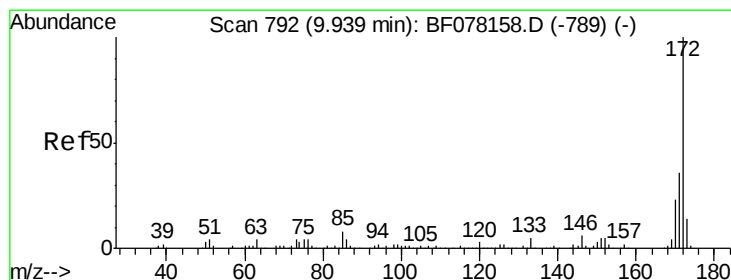
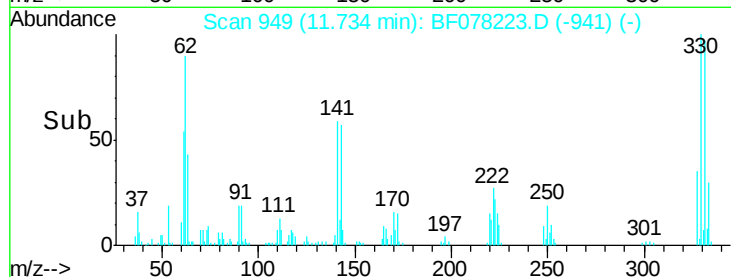
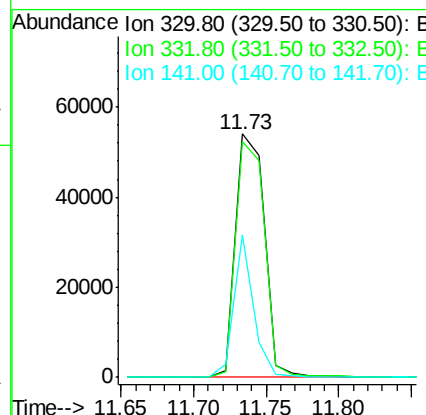
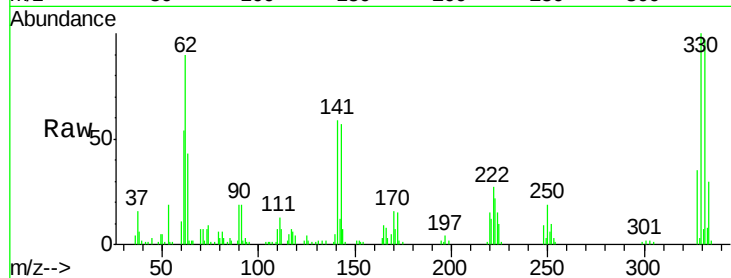




#41
 2,4,6-Tribromophenol
 Concen: 120.76 ng
 RT: 11.73 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

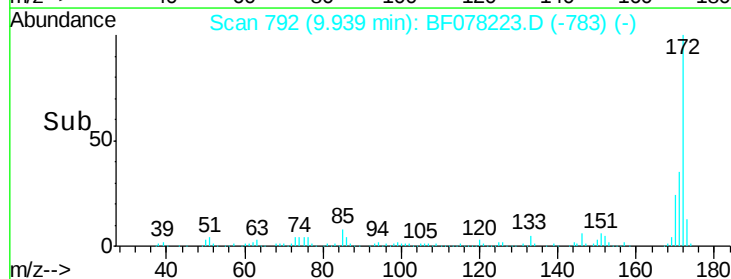
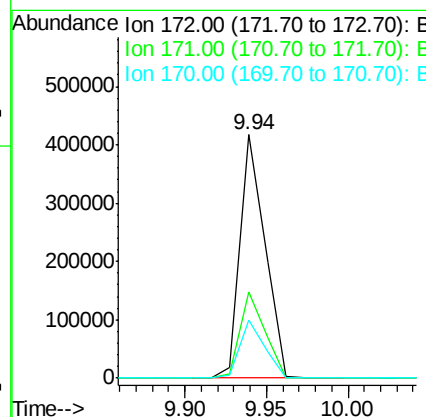
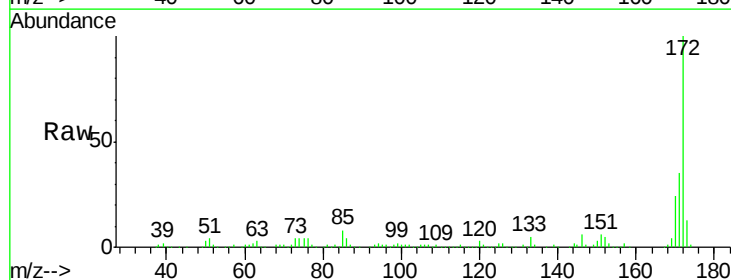
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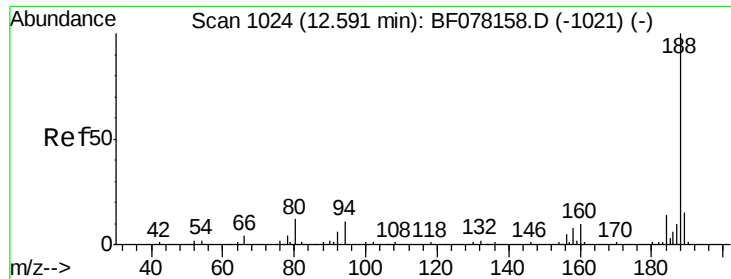
Tgt Ion:330 Resp: 74866
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 39.7 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 84.05 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Tgt Ion:172 Resp: 439554
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 24.0 18.5 27.7

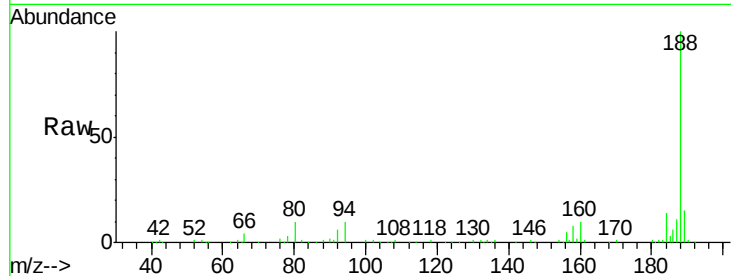




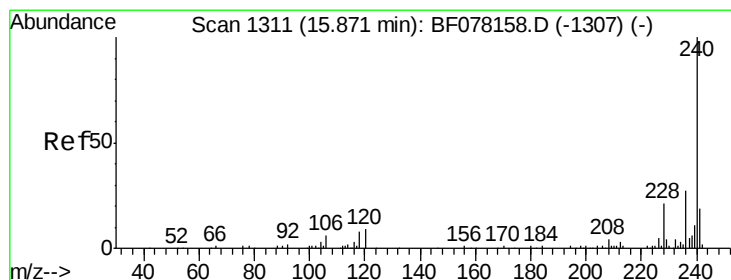
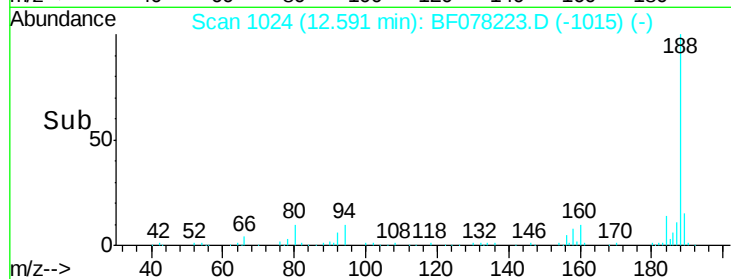
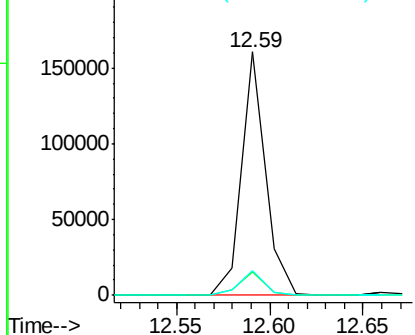
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-16

Tgt Ion:188 Resp: 144788
 Ion Ratio Lower Upper
 188 100
 94 9.8 9.0 13.4
 80 10.2 9.5 14.3

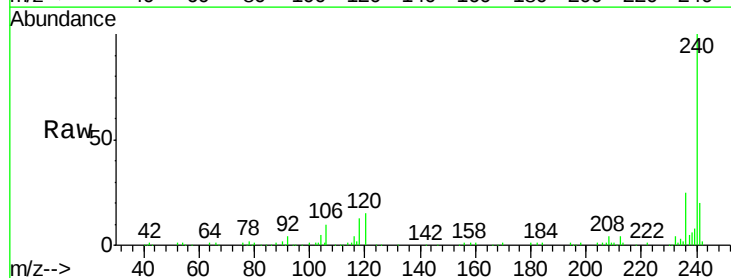


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

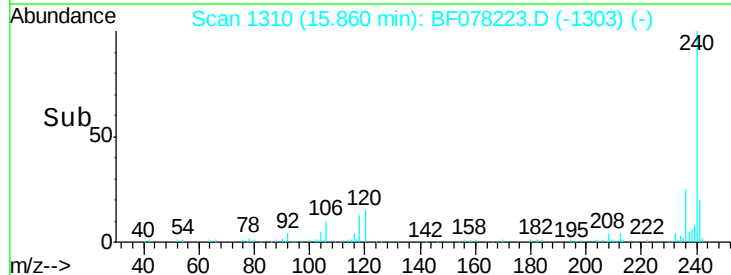
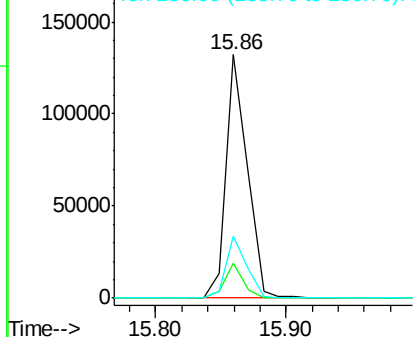


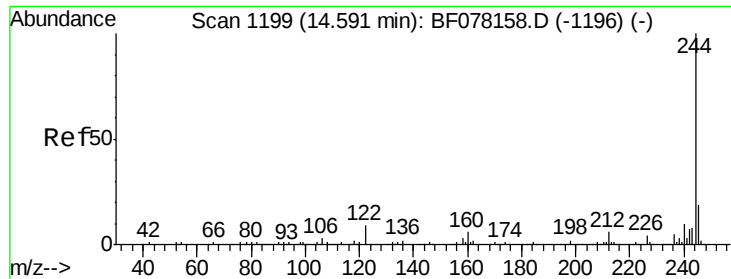
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Tgt Ion:240 Resp: 149447
 Ion Ratio Lower Upper
 240 100
 120 14.6 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

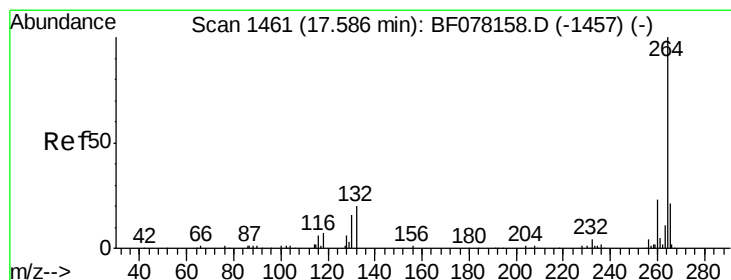
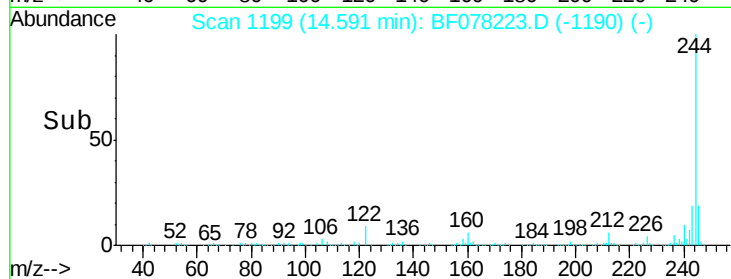
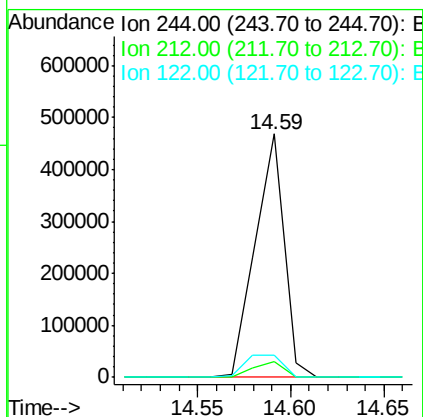
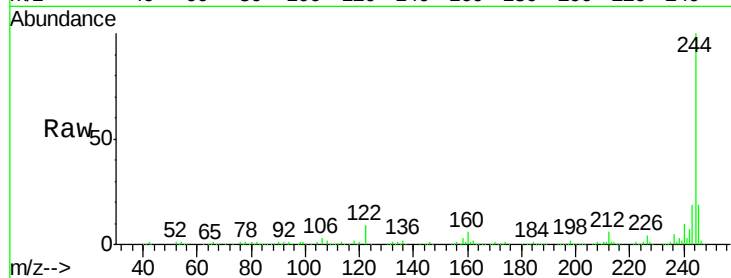




#78
 Terphenyl-d14
 Concen: 76.38 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

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Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.0	7.4
122	9.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.55 min Scan# 1458
 Delta R.T. -0.11 min
 Lab File: BF078223.D
 Acq: 3 Apr 2015 4:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.1	17.0	25.6

