

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078228.D
 Acq On : 3 Apr 2015 6:28
 Operator : TP/IZ
 Sample : G1736-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Apr 03 06:14:58 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

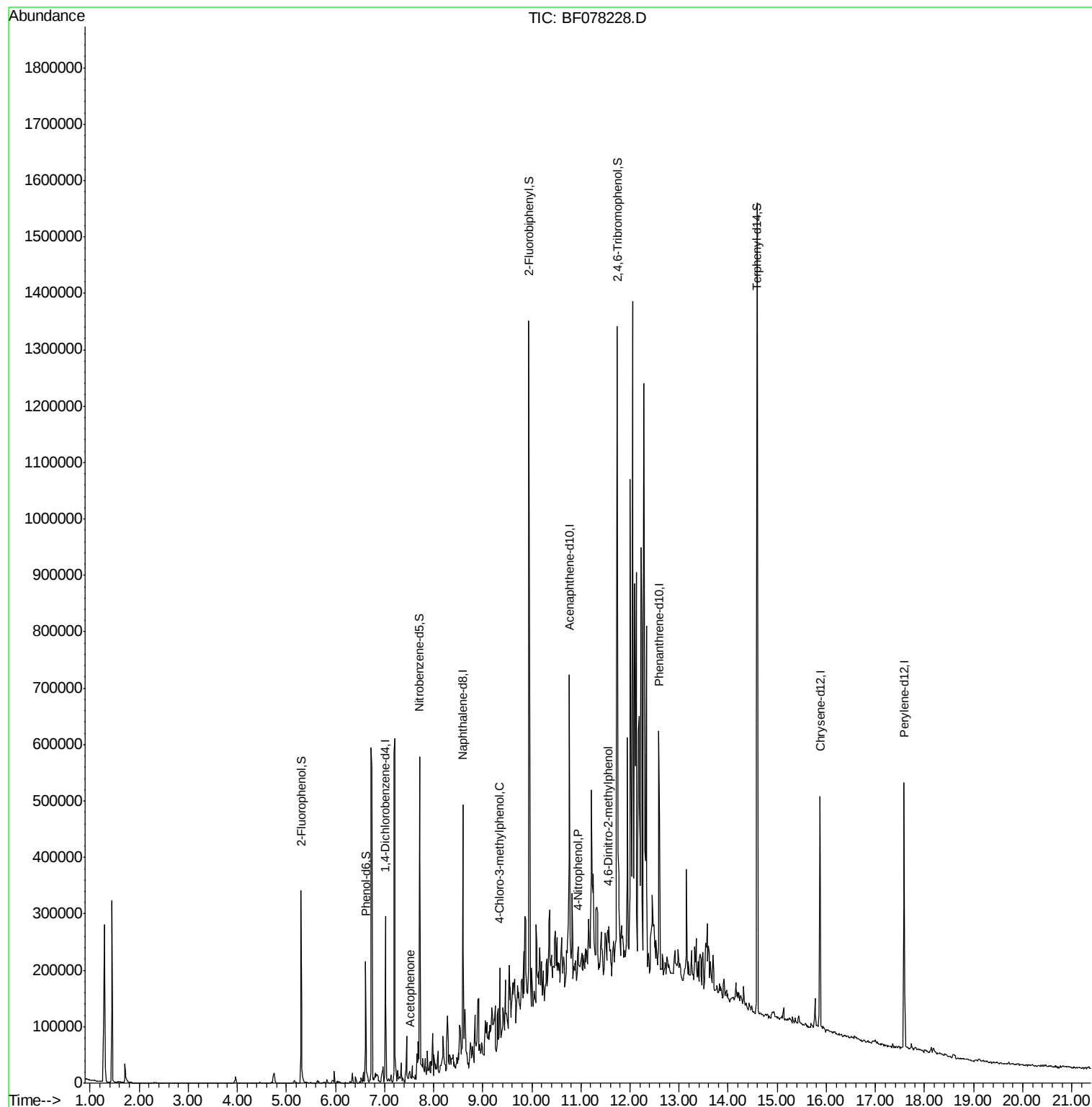
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	51988	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	211998	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	109004	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	200857	20.00	ng	0.00
75) Chrysene-d12	15.87	240	220123	20.00	ng	-0.01
86) Perylene-d12	17.59	264	215202	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	119083	37.77	ng	0.01
7) Phenol-d6	6.61	99	91996	23.28	ng	0.01
23) Nitrobenzene-d5	7.71	82	220399	63.02	ng	-0.01
41) 2,4,6-Tribromophenol	11.75	330	89774	99.30	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	468186	61.40	ng	0.00
78) Terphenyl-d14	14.59	244	503543	51.69	ng	0.00
Target Compounds						
22) Acetophenone	7.52	105	11488	2.33	ng	# 62
36) 4-Chloro-3-methylphenol	9.34	107	14013	4.71	ng	# 23
55) 4-Nitrophenol	10.93	139	774	3.29	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.55	198	307	8.82	ng	# 1

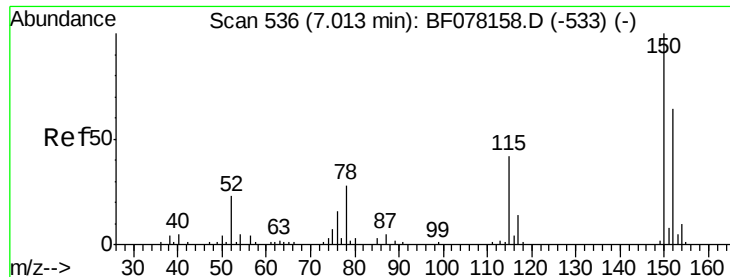
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF078228.D

Acq: 3 Apr 2015 6:28

Instrument :

BNA_F

ClientSampleId :

MW-06

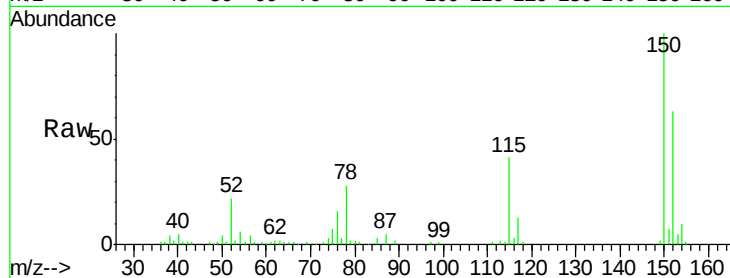
Tgt Ion:152 Resp: 51988

Ion Ratio Lower Upper

152 100

150 158.5 125.9 188.9

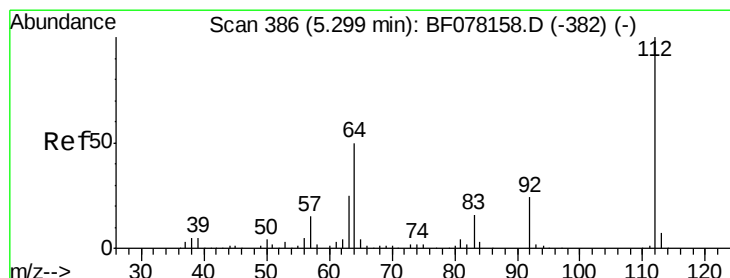
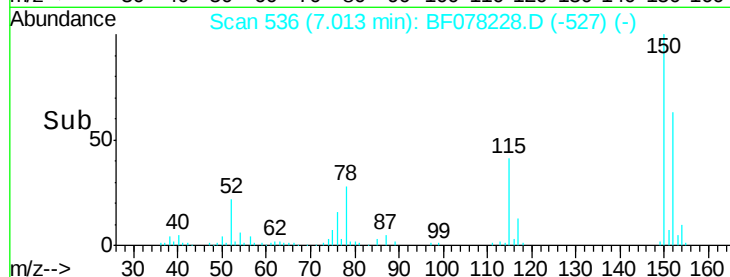
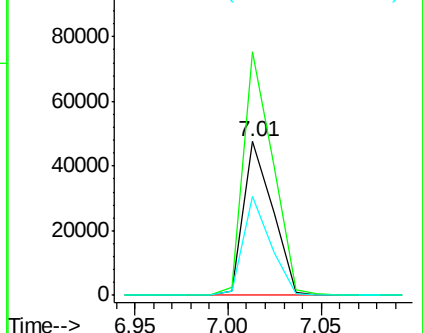
115 64.6 52.7 79.1



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: 37.77 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078228.D

Acq: 3 Apr 2015 6:28

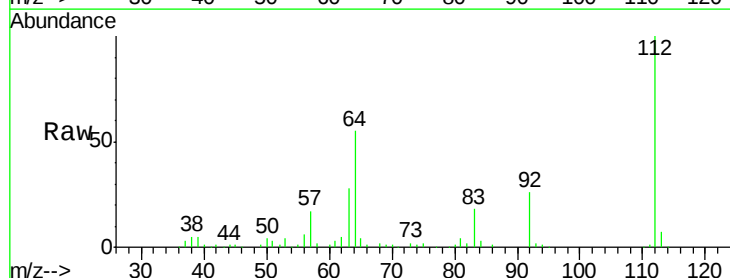
Tgt Ion:112 Resp: 119083

Ion Ratio Lower Upper

112 100

64 55.4 39.9 59.9

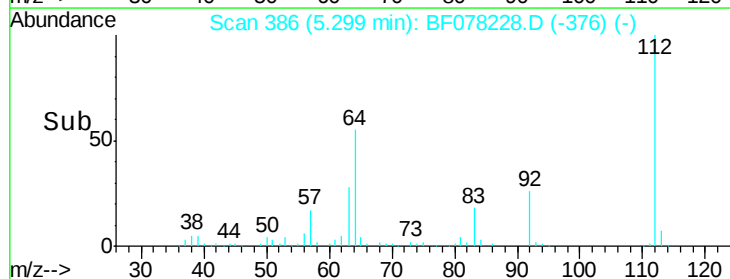
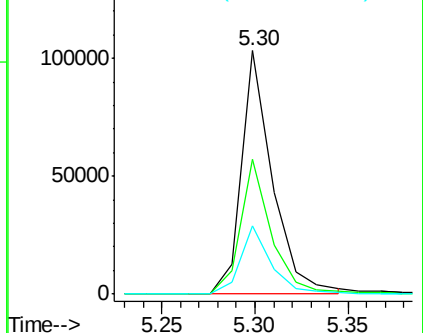
63 27.9 20.2 30.4

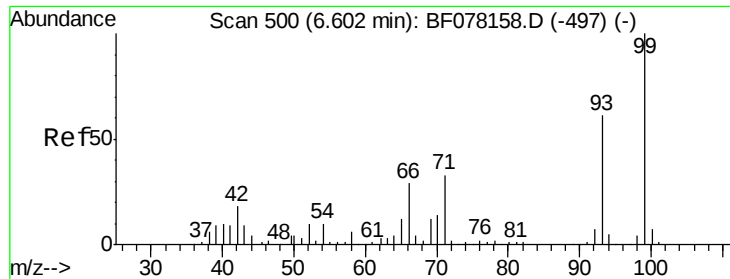


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.28 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078228.D

Acq: 3 Apr 2015 6:28

Instrument :

BNA_F

ClientSampled :

MW-06

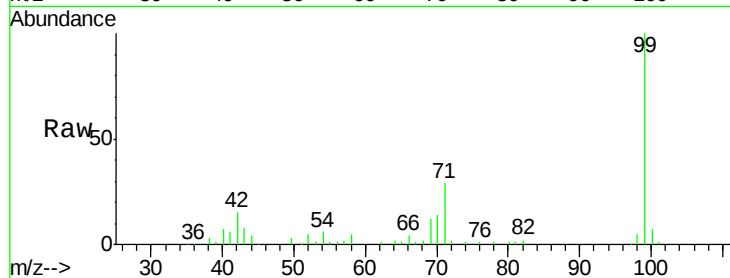
Tgt Ion: 99 Resp: 91996

Ion Ratio Lower Upper

99 100

42 14.8 14.8 22.2

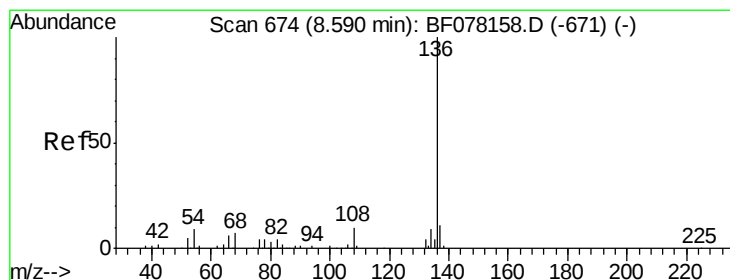
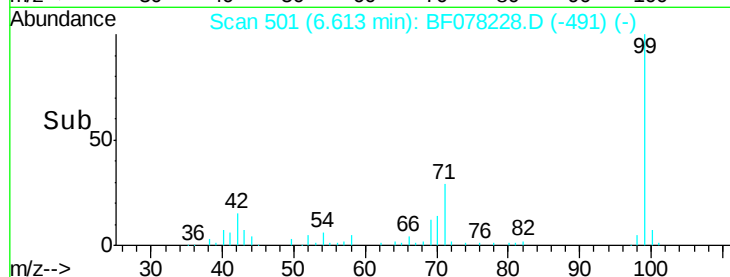
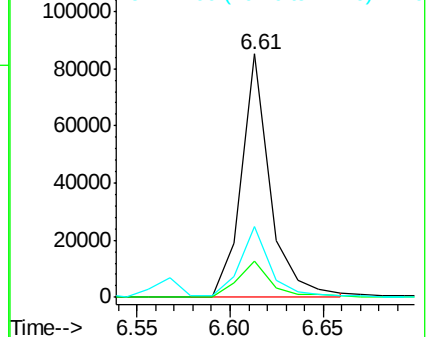
71 29.1 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078228.D

Acq: 3 Apr 2015 6:28

Tgt Ion: 136 Resp: 211998

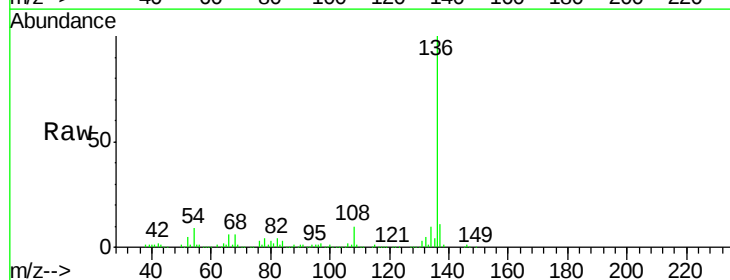
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 8.8 7.0 10.6

68 6.5 5.4 8.2

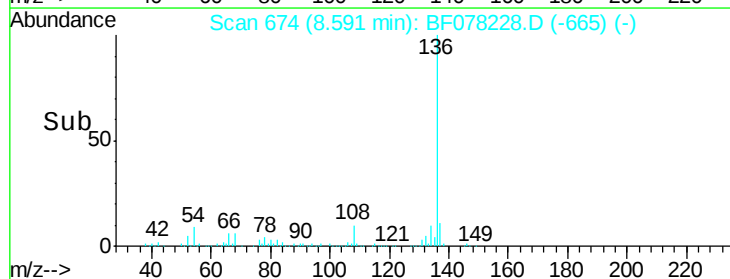
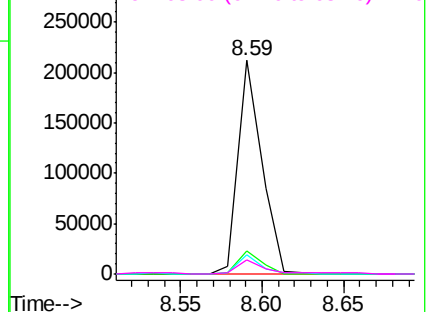


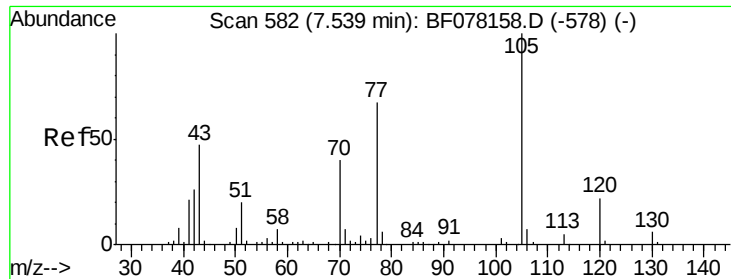
Abundance Ion 136.00 (135.70 to 136.70): E

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

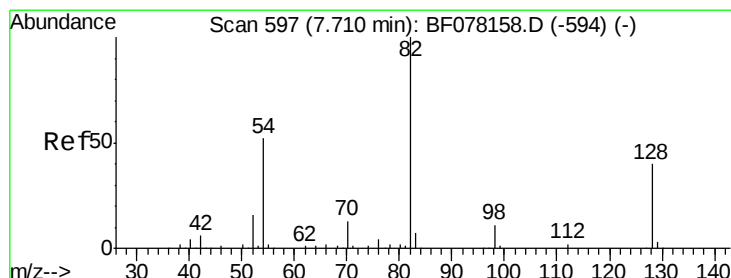
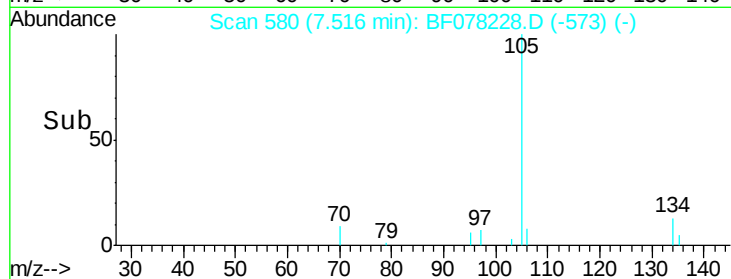
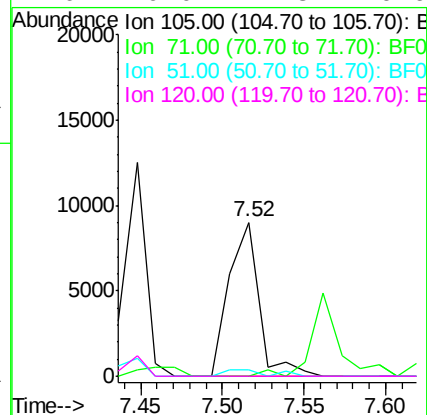
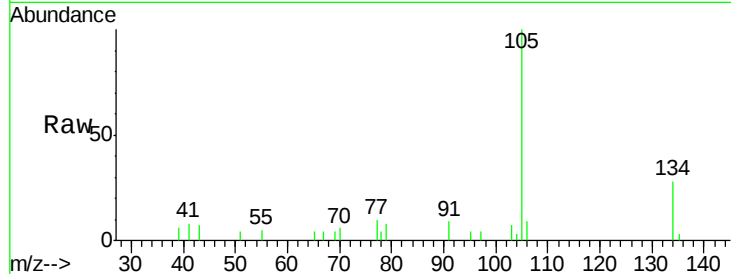




#22
Acetophenone
Concen: 2.33 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF078228.D
Acq: 3 Apr 2015 6:28

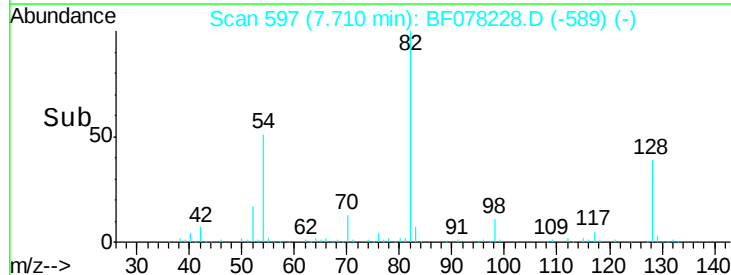
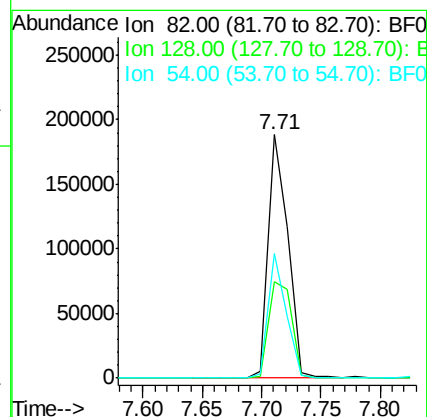
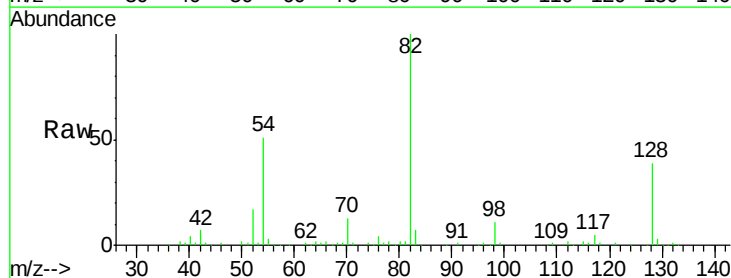
Instrument :
BNA_F
ClientSampleId :
MW-06

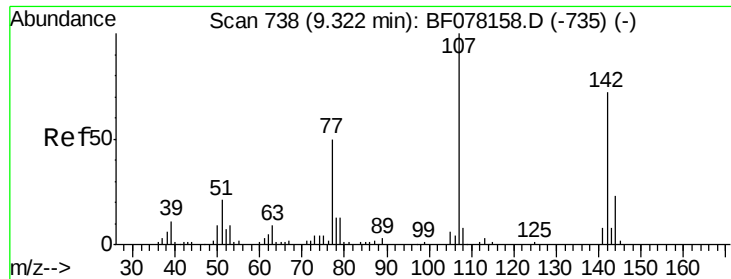
Tgt Ion: 105 Resp: 11488
Ion Ratio Lower Upper
105 100
71 0.0 5.5 8.3#
51 4.5 16.0 24.0#
120 0.0 17.8 26.6#



#23
Nitrobenzene-d5
Concen: 63.02 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF078228.D
Acq: 3 Apr 2015 6:28

Tgt Ion: 82 Resp: 220399
Ion Ratio Lower Upper
82 100
128 39.5 31.8 47.8
54 51.3 41.5 62.3

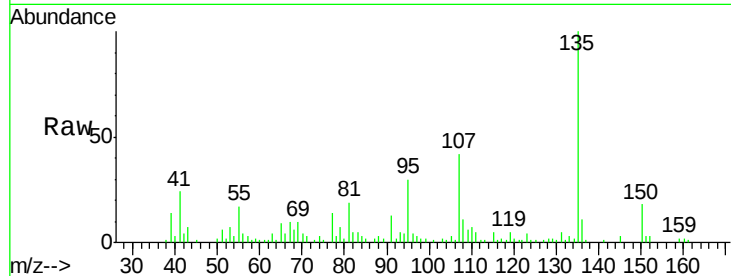




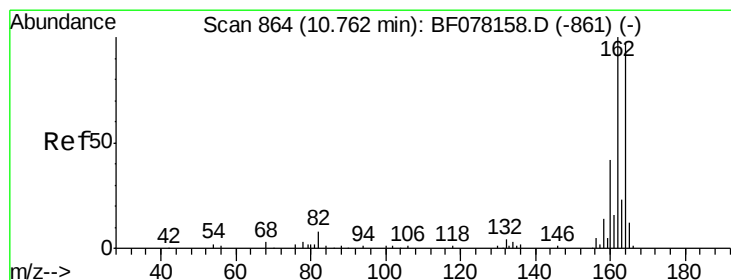
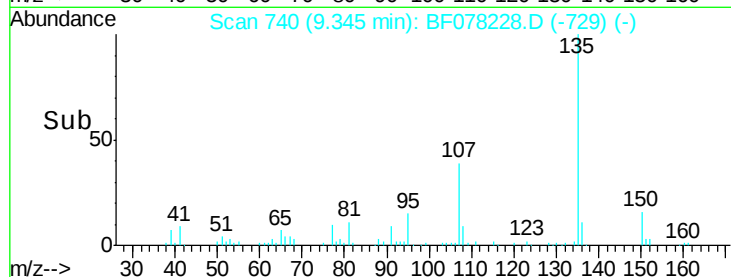
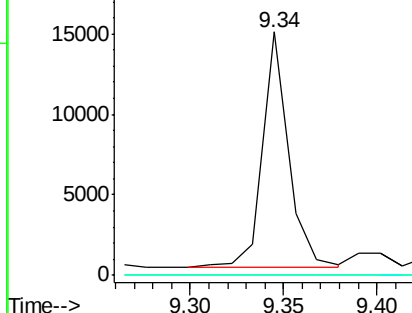
#36
 4-Chloro-3-methylphenol
 Concen: 4.71 ng
 RT: 9.34 min Scan# 740
 Delta R.T. 0.02 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:107 Resp: 14013
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.2 27.2#
 142 0.0 58.0 87.0#

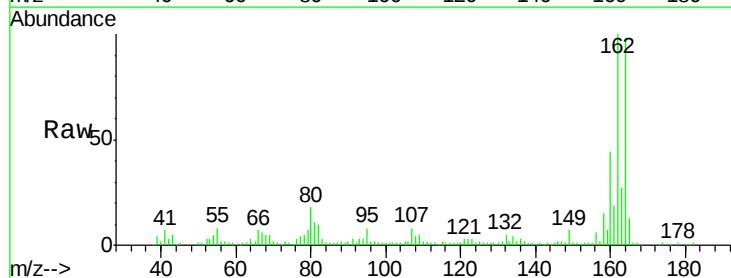


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

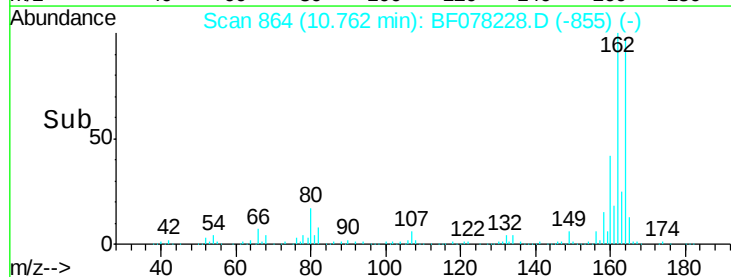
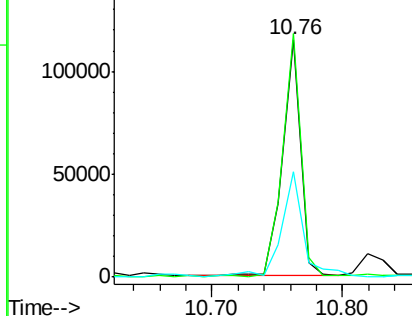


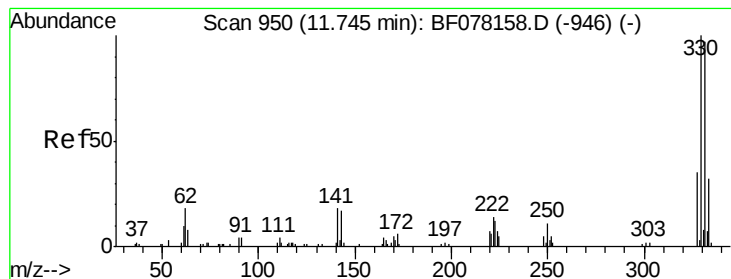
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Tgt Ion:164 Resp: 109004
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.2 123.2
 160 44.6 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

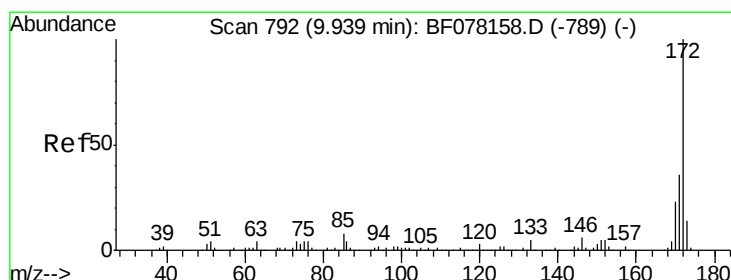
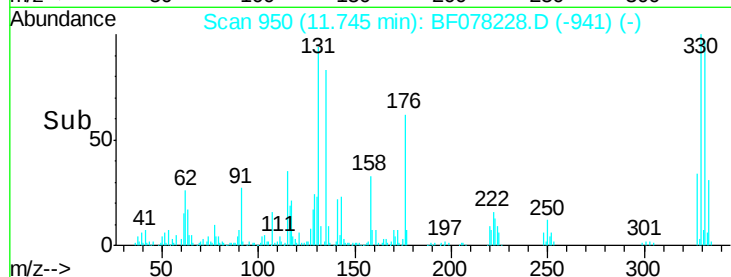
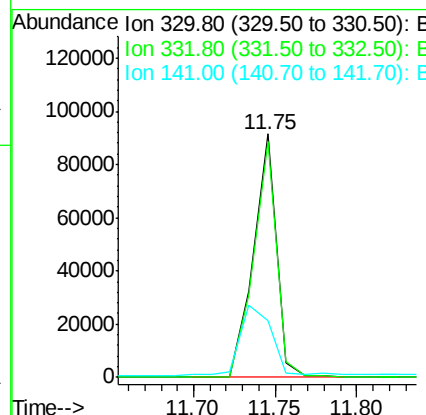
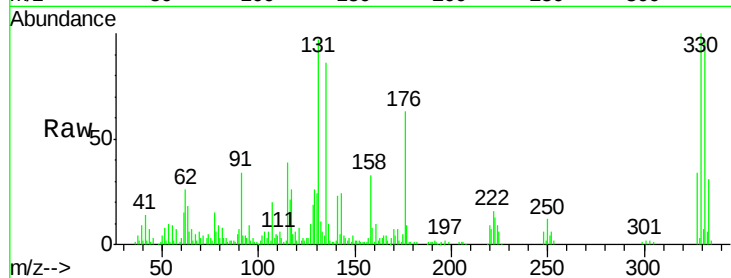




#41
 2,4,6-Tribromophenol
 Concen: 99.30 ng
 RT: 11.75 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

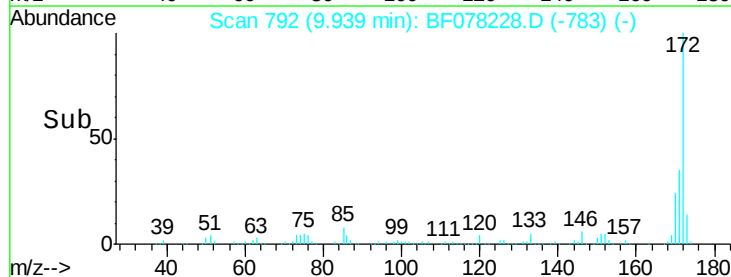
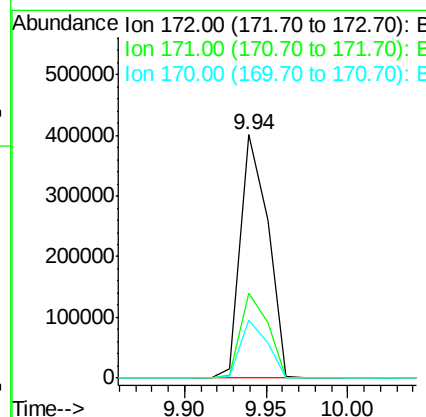
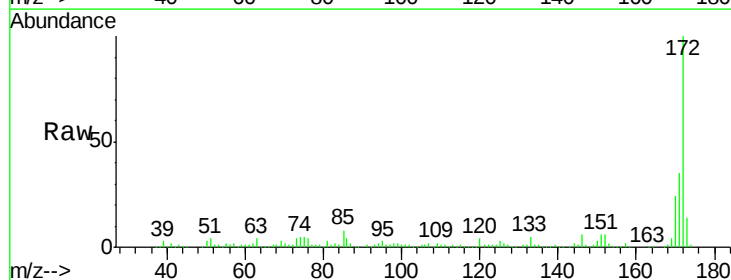
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

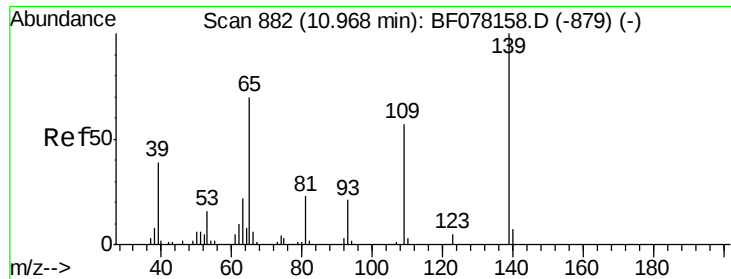
Tgt Ion:330 Resp: 89774
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 38.1 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 61.40 ng
 RT: 9.94 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Tgt Ion:172 Resp: 468186
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.6 42.8
 170 23.7 18.5 27.7

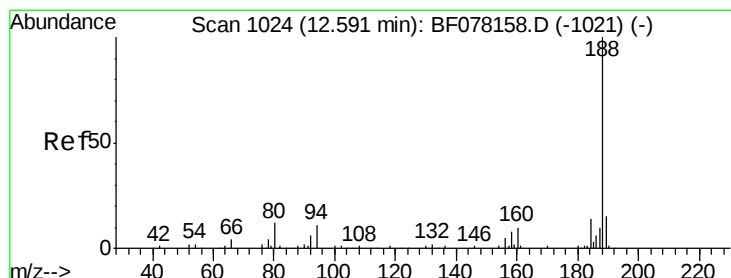
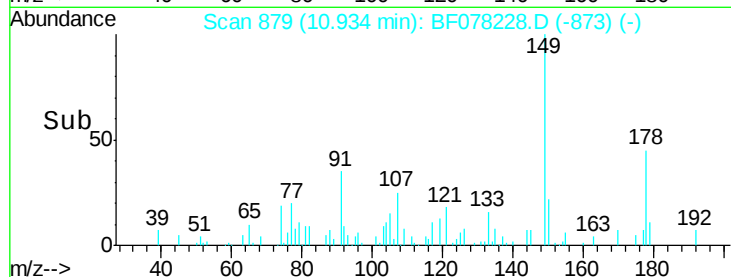
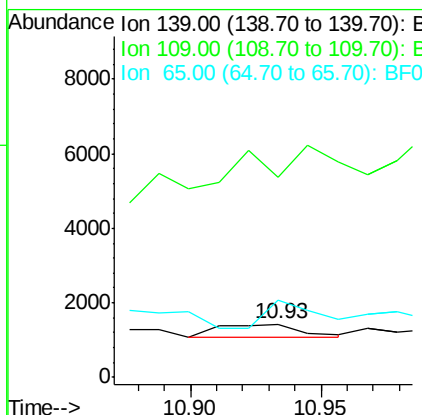
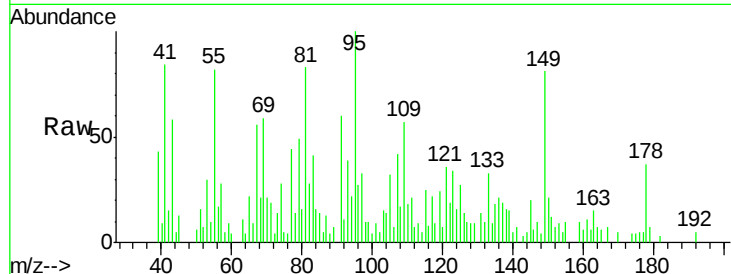




#55
4-Nitrophenol
Concen: 3.29 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.03 min
Lab File: BF078228.D
Acq: 3 Apr 2015 6:28

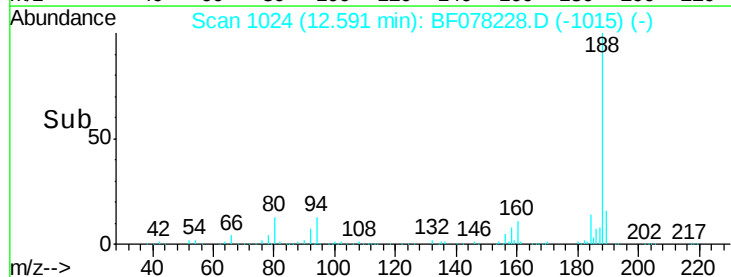
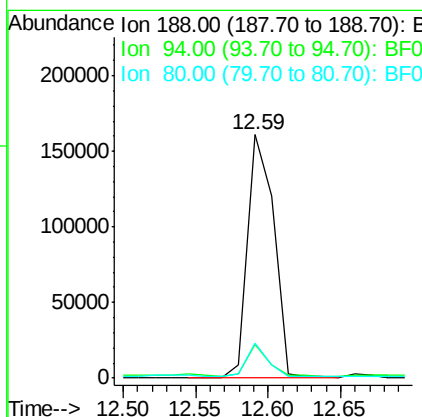
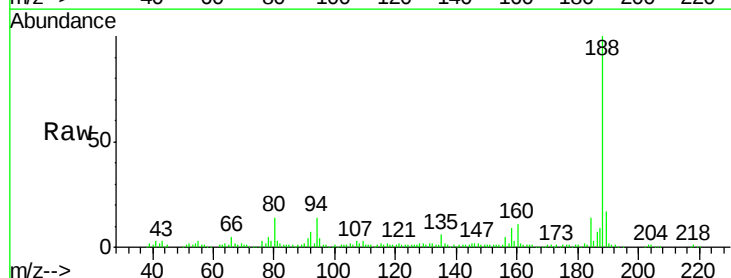
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BNA_F
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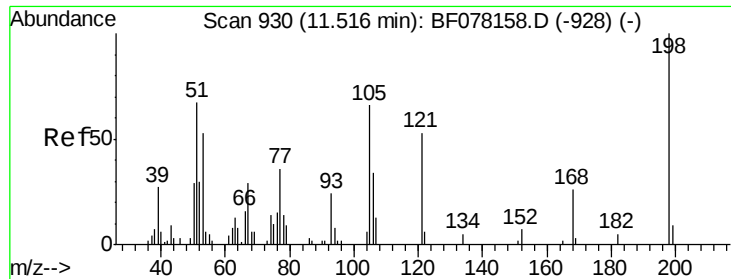
Tgt Ion:139 Resp: 774
Ion Ratio Lower Upper
139 100
109 378.6 36.7 76.7#
65 146.3 49.9 89.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF078228.D
Acq: 3 Apr 2015 6:28

Tgt Ion:188 Resp: 200857
Ion Ratio Lower Upper
188 100
94 13.6 9.0 13.4#
80 14.2 9.5 14.3

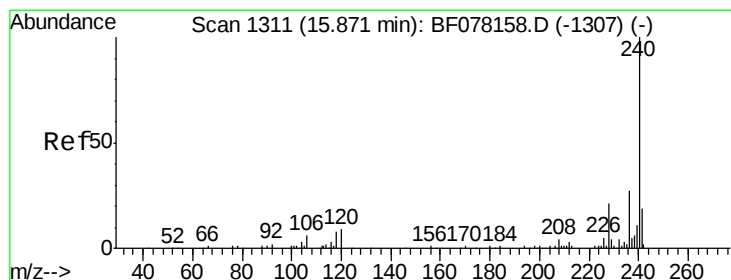
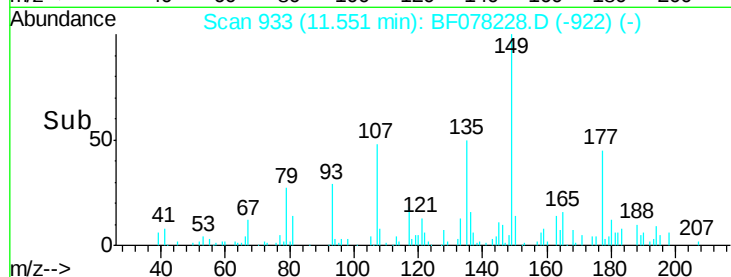
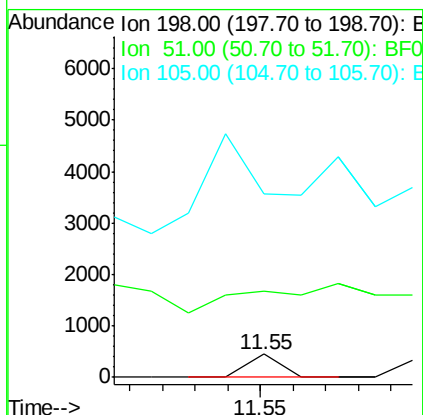
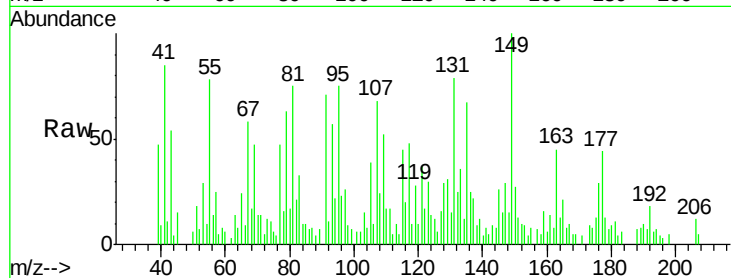




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.82 ng
 RT: 11.55 min Scan# 933
 Delta R.T. 0.02 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

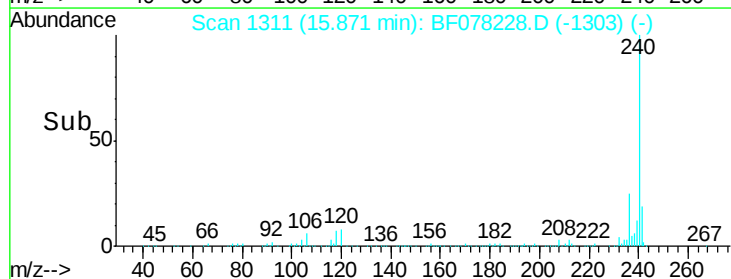
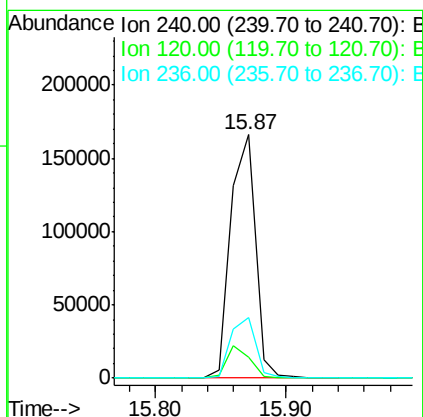
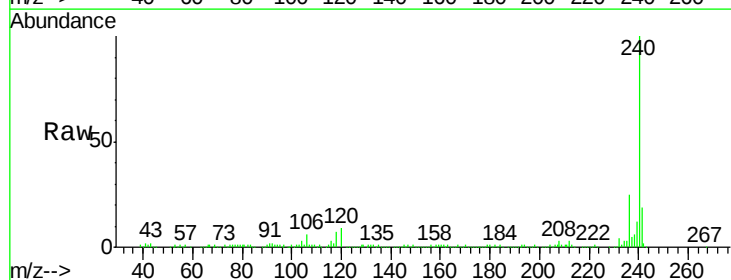
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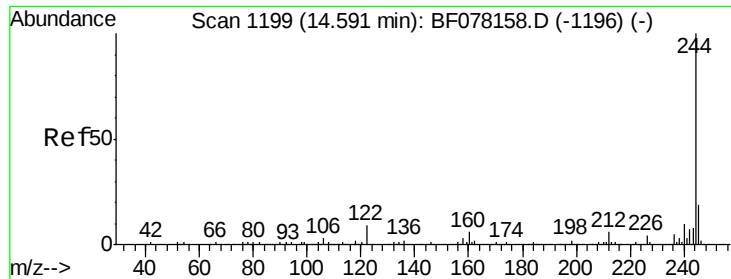
Tgt Ion:198 Resp: 307
 Ion Ratio Lower Upper
 198 100
 51 374.5 48.6 88.6#
 105 800.4 45.8 85.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Tgt Ion:240 Resp: 220123
 Ion Ratio Lower Upper
 240 100
 120 8.7 7.1 10.7
 236 25.1 21.4 32.2

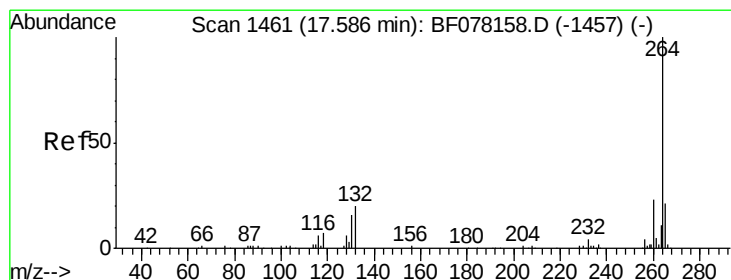
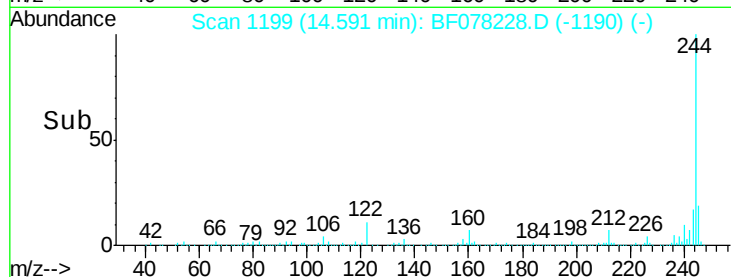
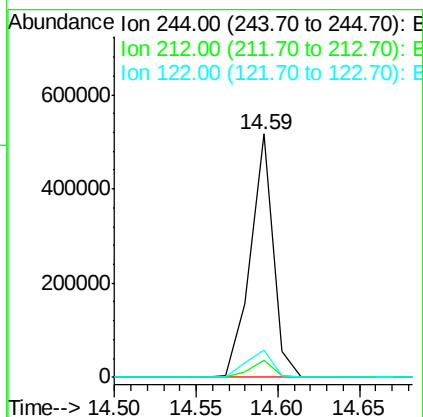
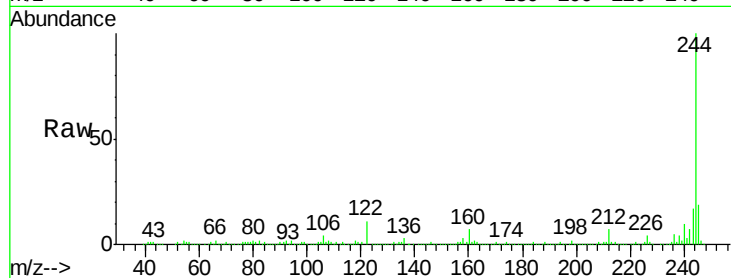




#78
 Terphenyl-d14
 Concen: 51.69 ng
 RT: 14.59 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion: 244 Resp: 503543
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 11.4 7.1 10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.59 min Scan# 1461
 Delta R.T. -0.08 min
 Lab File: BF078228.D
 Acq: 3 Apr 2015 6:28

Tgt Ion: 264 Resp: 215202
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.9 17.0 25.6

