

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078319.D
 Acq On : 8 Apr 2015 3:40
 Operator : TP/IZ
 Sample : G1736-14RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Quant Time: Apr 08 04:36:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 03:14:41 2015
 Response via : Initial Calibration

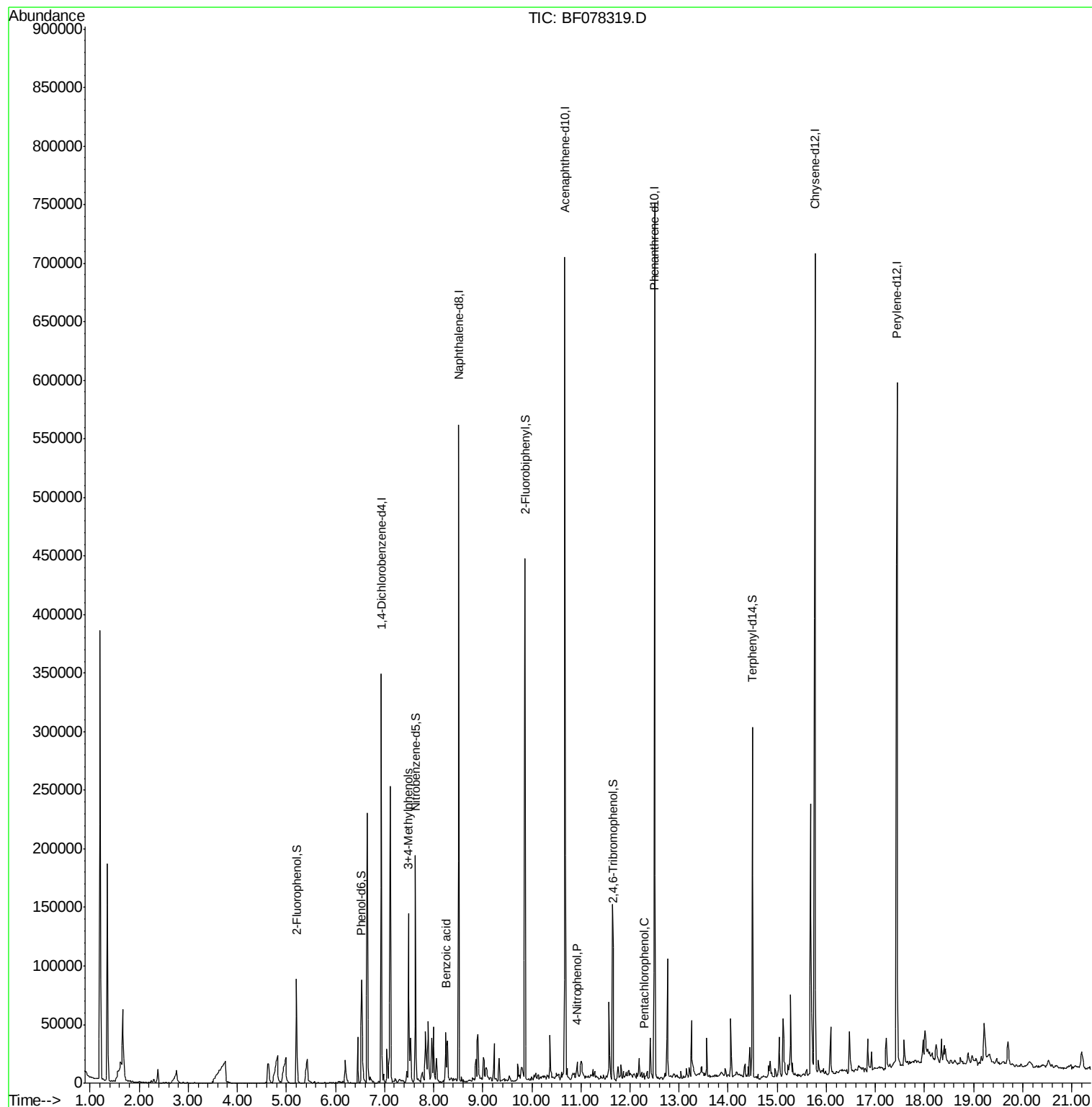
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	65138	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	271168	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	143142	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	277918	20.00	ng	0.00
75) Chrysene-d12	15.77	240	306792	20.00	ng	0.00
86) Perylene-d12	17.44	264	288848	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	38198	9.67	ng	0.01
7) Phenol-d6	6.53	99	31153	6.29	ng	0.01
23) Nitrobenzene-d5	7.63	82	62567	13.99	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	21179	17.84	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	140635	14.04	ng	0.00
78) Terphenyl-d14	14.49	244	122603	9.03	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.48	107	48709	10.07	ng	Qvalue 97
32) Benzoic acid	8.25	122	14413	12.30	ng	91
55) 4-Nitrophenol	10.91	139	1158	3.37	ng	# 40
69) Pentachlorophenol	12.28	266	828	8.28	ng	# 71

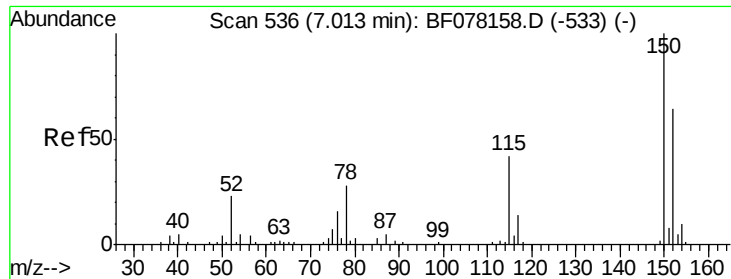
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

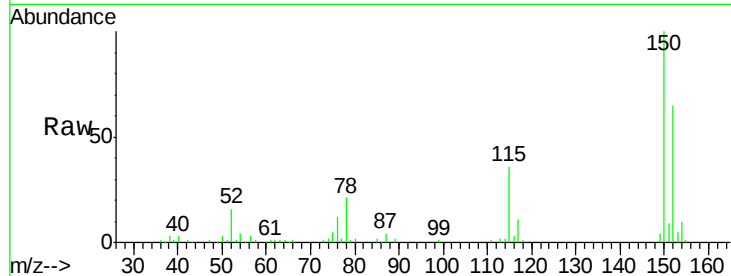
Tgt Ion:152 Resp: 65138

Ion Ratio Lower Upper

152 100

150 154.1 125.9 188.9

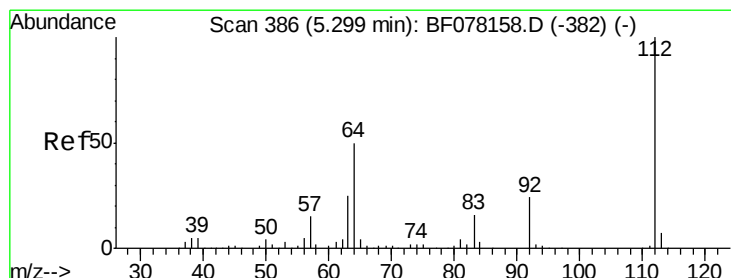
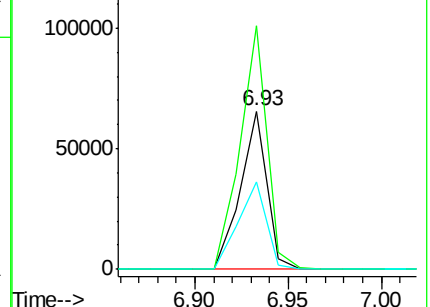
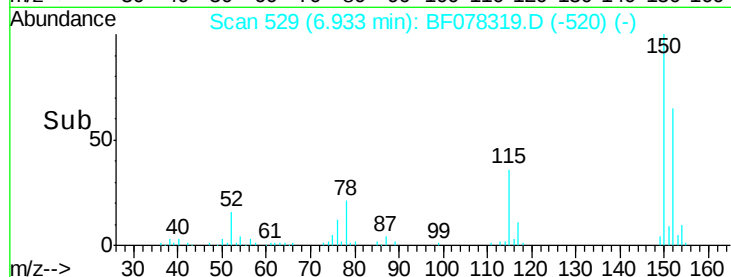
115 55.6 52.7 79.1



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: 9.67 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

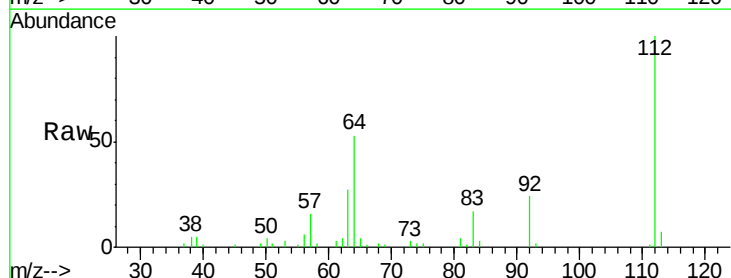
Tgt Ion:112 Resp: 38198

Ion Ratio Lower Upper

112 100

64 53.0 39.9 59.9

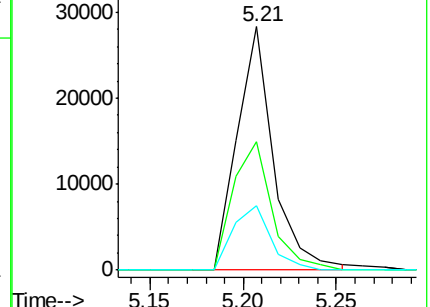
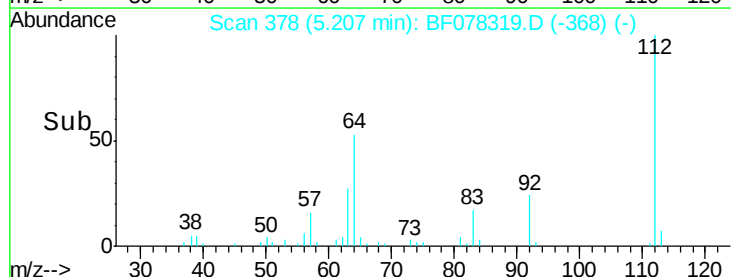
63 26.7 20.2 30.4

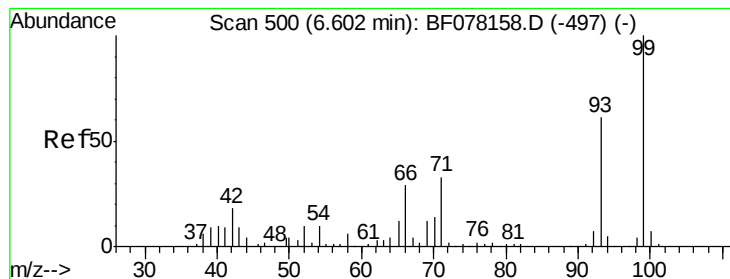


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.29 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

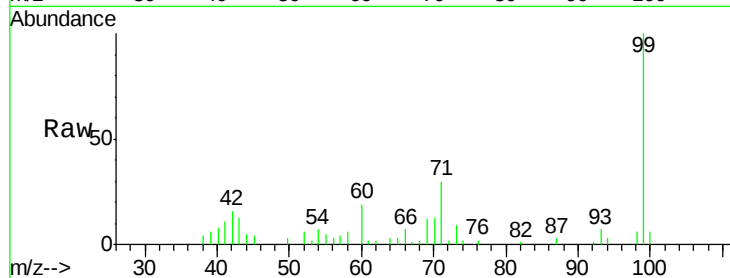
Tgt Ion: 99 Resp: 31153

Ion Ratio Lower Upper

99 100

42 16.3 14.8 22.2

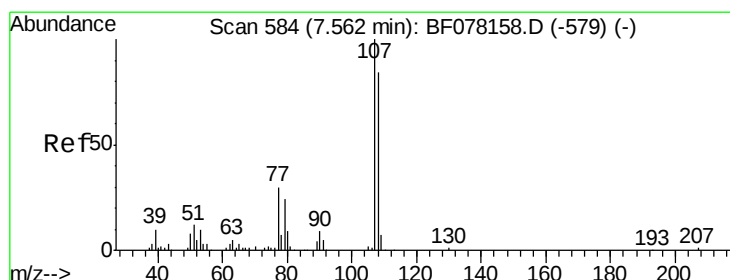
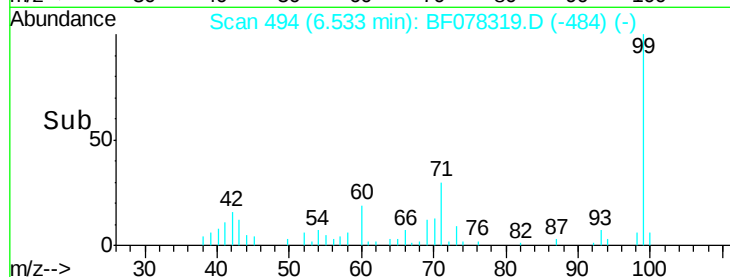
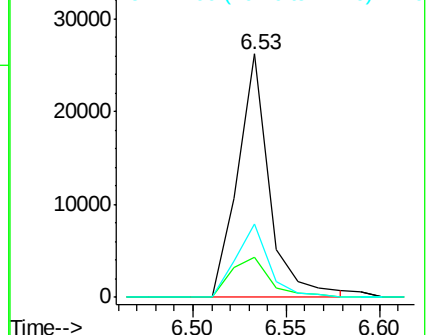
71 30.1 26.6 39.8



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



#20

3+4-Methylphenols

Concen: 10.07 ng

RT: 7.48 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Tgt Ion: 107 Resp: 48709

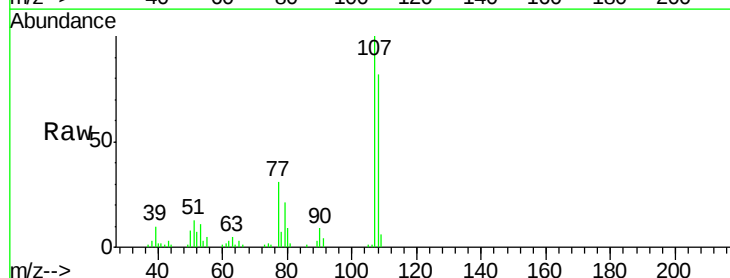
Ion Ratio Lower Upper

107 100

108 81.9 64.4 104.4

77 31.2 9.7 49.7

79 21.2 4.0 44.0

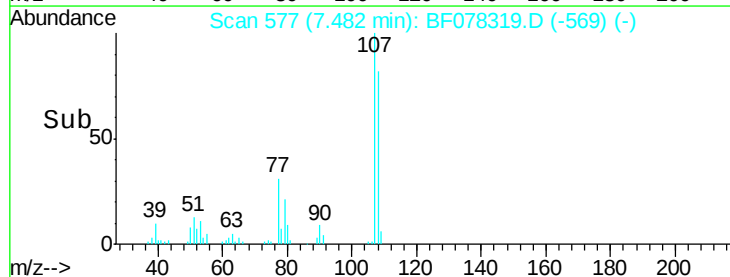
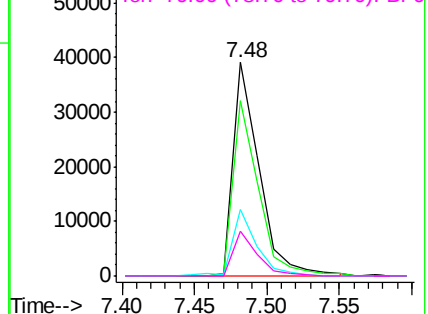


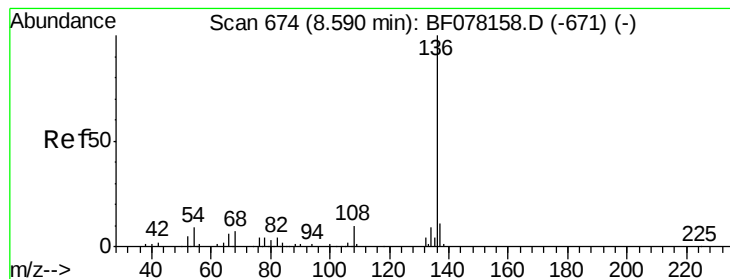
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

Instrument :

BNA_F

ClientSampleId :

MW-19RE

Tgt Ion: 136 Resp: 271168

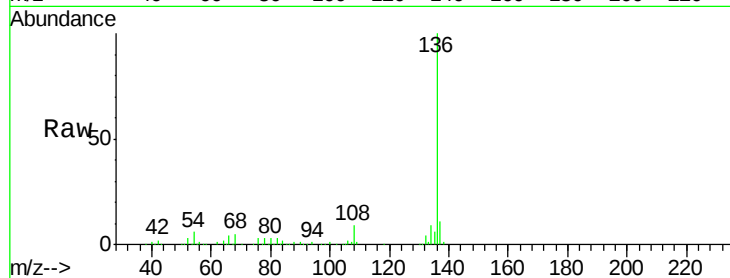
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.1 7.0 10.6#

68 5.1 5.4 8.2#

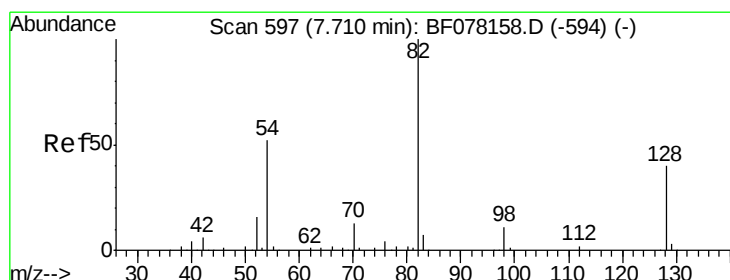
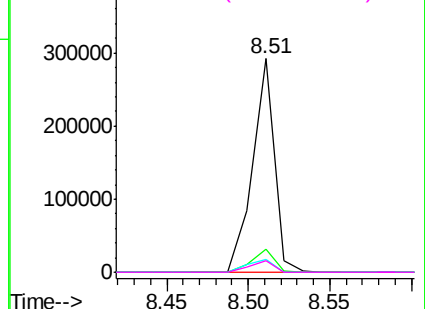
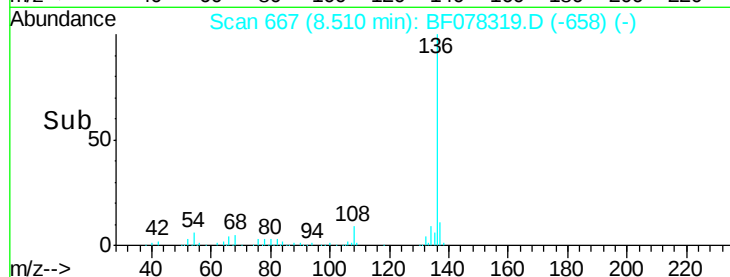


Abundance Ion 136.00 (135.70 to 136.70): E

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: 13.99 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF078319.D

Acq: 8 Apr 2015 3:40

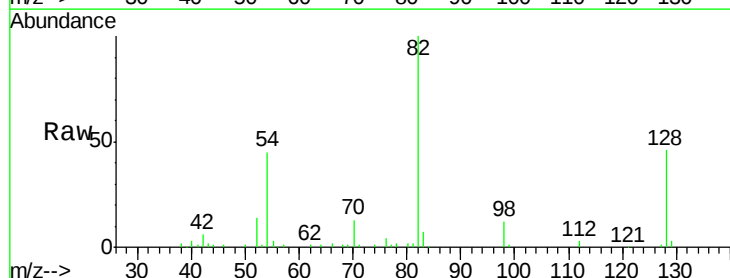
Tgt Ion: 82 Resp: 62567

Ion Ratio Lower Upper

82 100

128 46.0 31.8 47.8

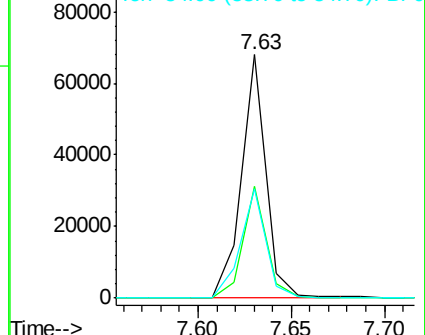
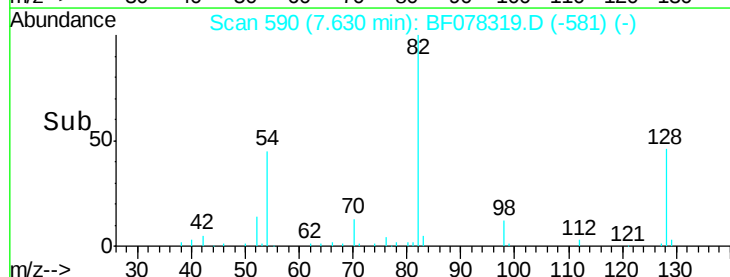
54 45.0 41.5 62.3

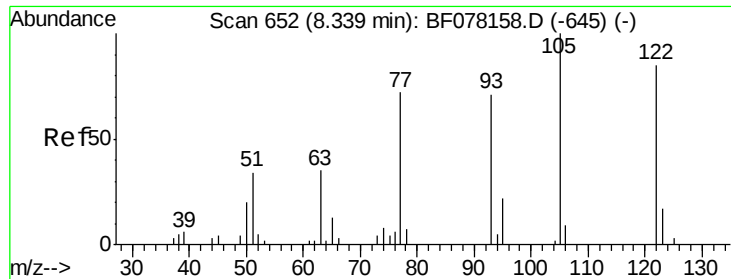


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

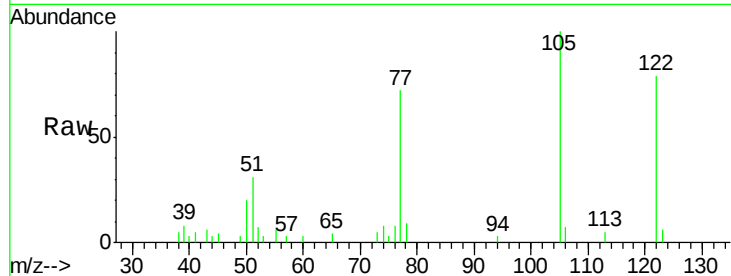




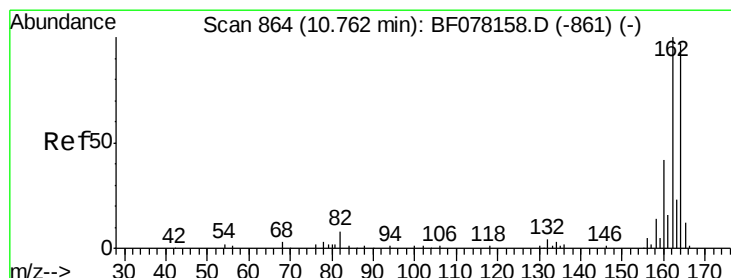
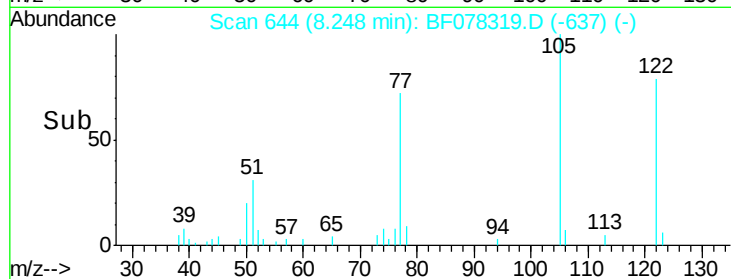
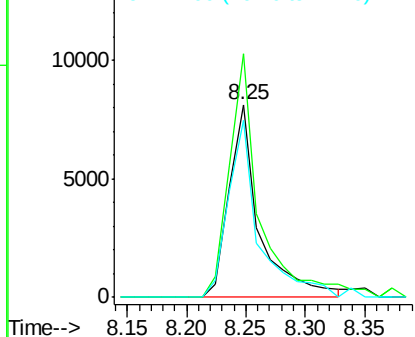
#32
Benzoic acid
Concen: 12.30 ng
RT: 8.25 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF078319.D
Acq: 8 Apr 2015 3:40

Instrument :
BNA_F
ClientSampled :
MW-19RE

Tgt Ion:122 Resp: 14413
Ion Ratio Lower Upper
122 100
105 126.2 96.1 136.1
77 91.4 64.1 104.1

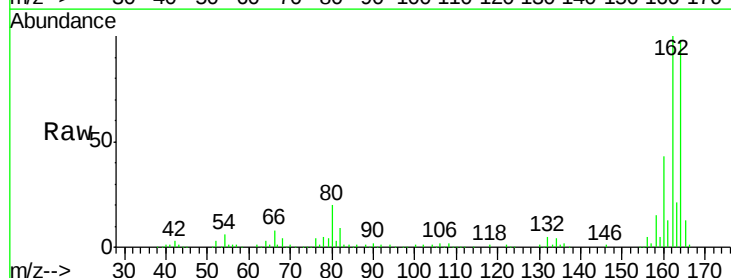


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

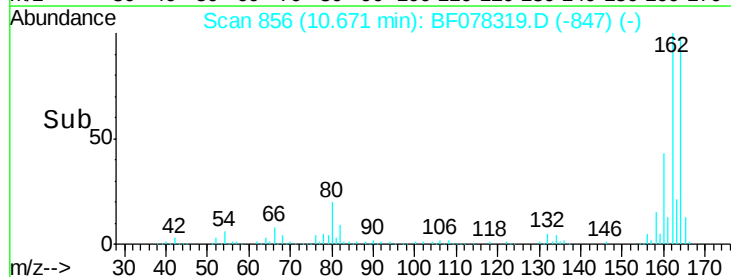
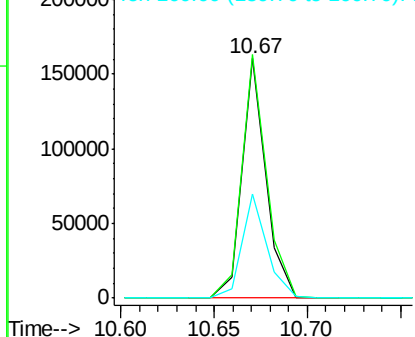


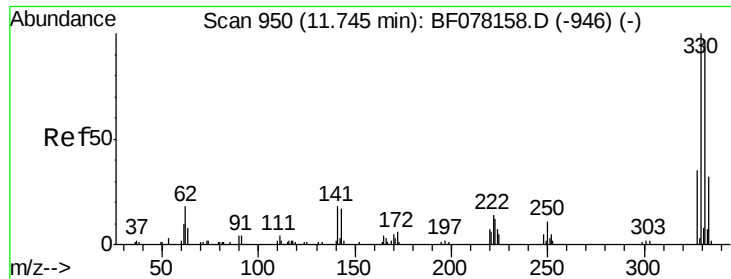
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF078319.D
Acq: 8 Apr 2015 3:40

Tgt Ion:164 Resp: 143142
Ion Ratio Lower Upper
164 100
162 101.8 82.2 123.2
160 43.4 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

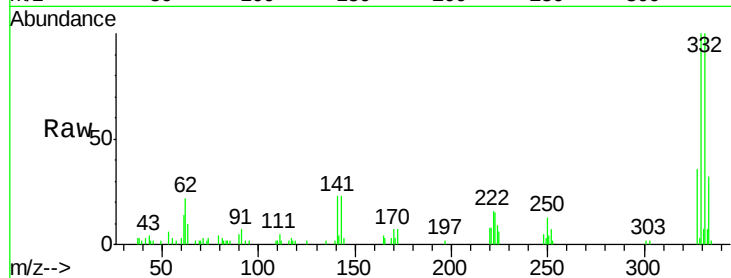




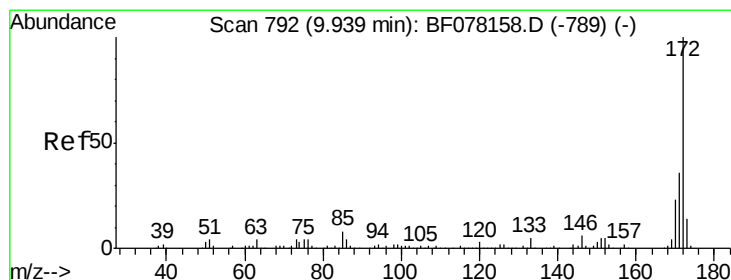
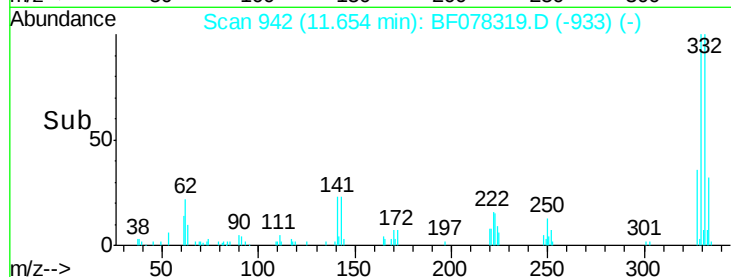
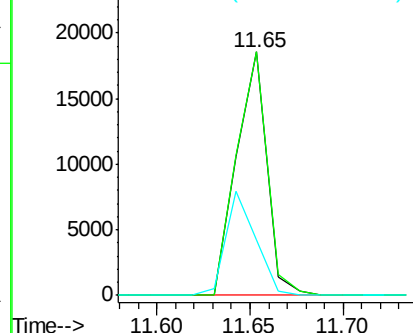
#41
 2,4,6-Tribromophenol
 Concen: 17.84 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Tgt Ion:330 Resp: 21179
 Ion Ratio Lower Upper
 330 100
 332 100.9 78.6 117.8
 141 42.5 31.2 46.8

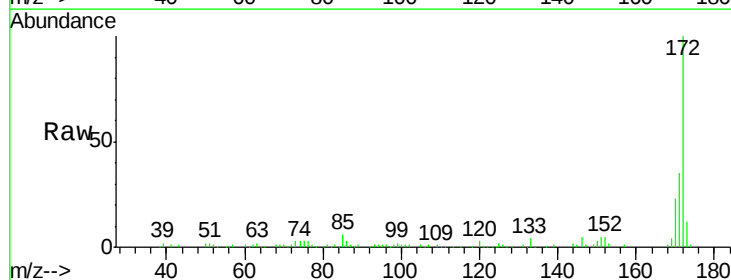


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

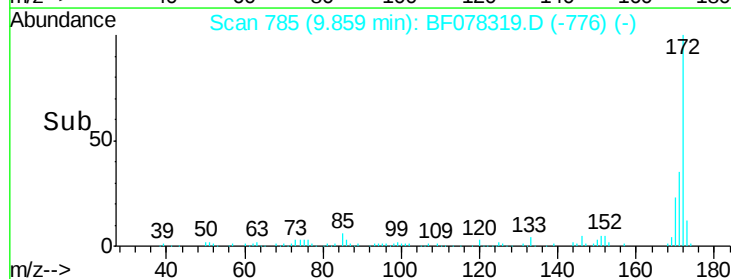
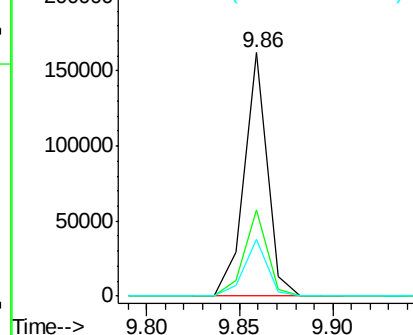


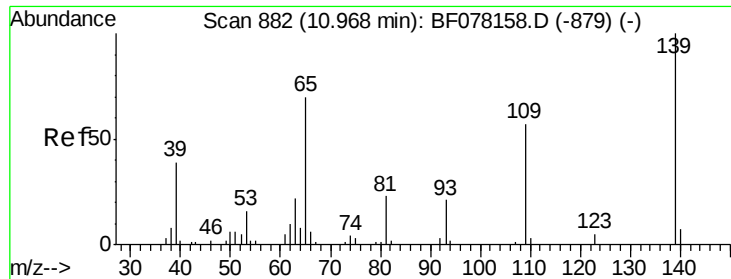
#44
 2-Fluorobiphenyl
 Concen: 14.04 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion:172 Resp: 140635
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.3 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

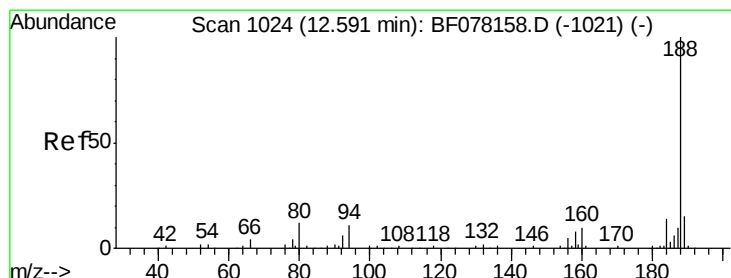
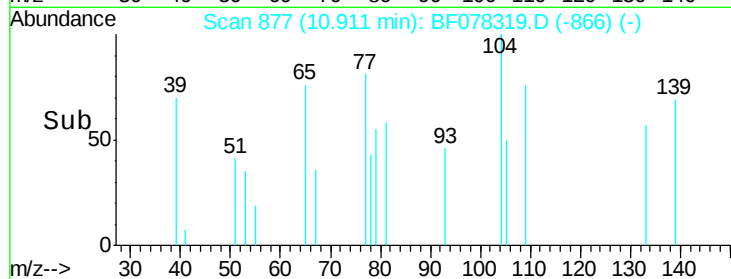
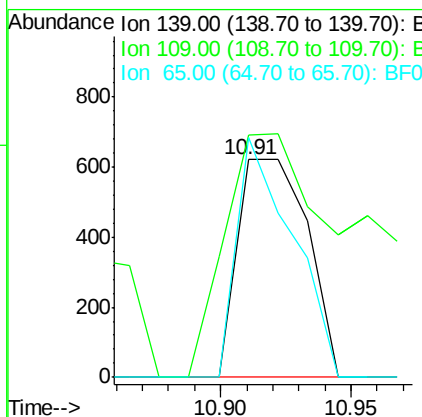
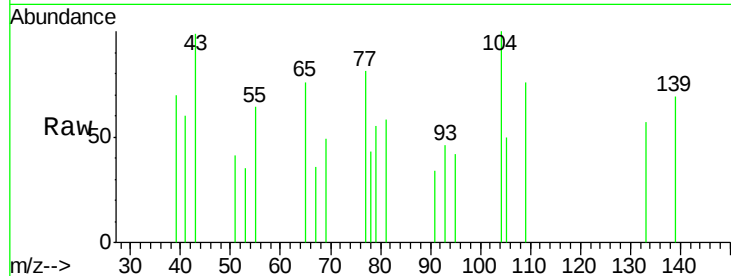




#55
 4-Nitrophenol
 Concen: 3.37 ng
 RT: 10.91 min Scan# 877
 Delta R.T. 0.02 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

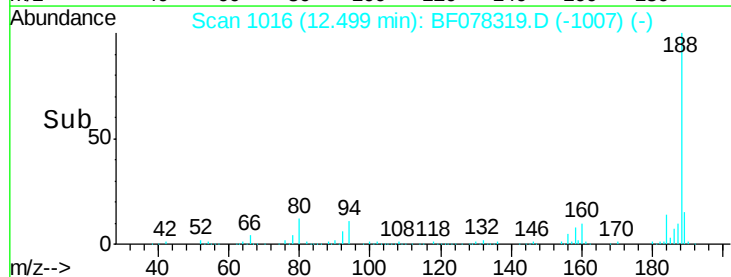
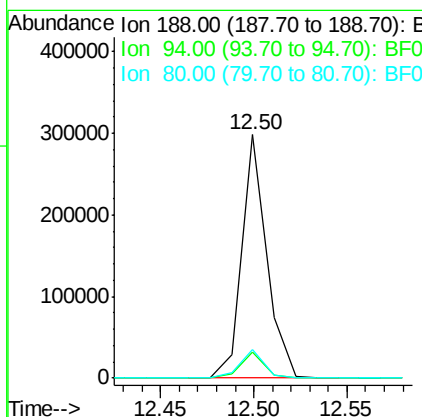
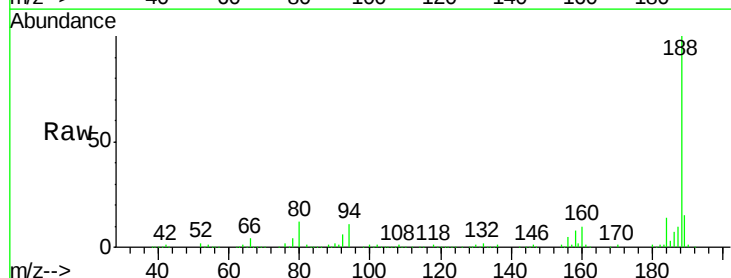
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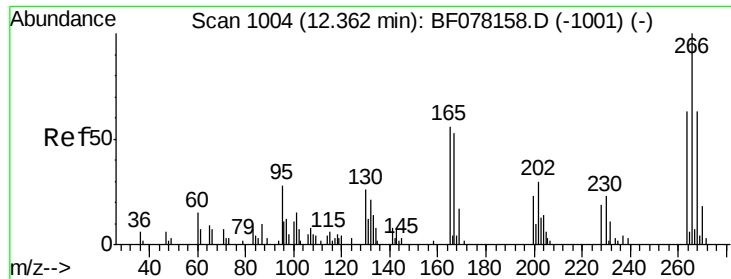
Tgt Ion:139 Resp: 1158
 Ion Ratio Lower Upper
 139 100
 109 111.1 36.7 76.7#
 65 110.5 49.9 89.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion:188 Resp: 277918
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.0 13.4
 80 11.7 9.5 14.3

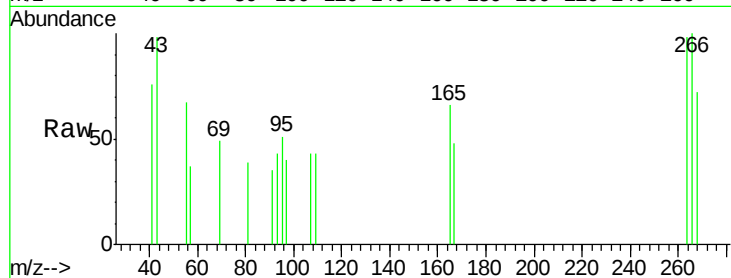




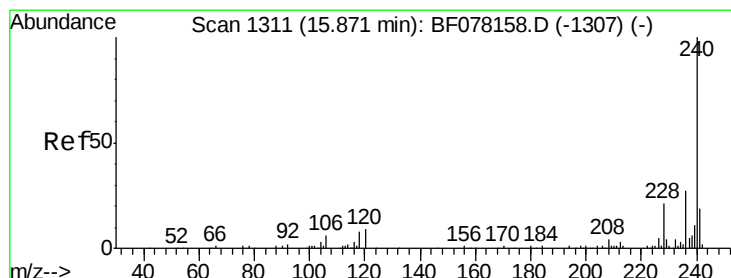
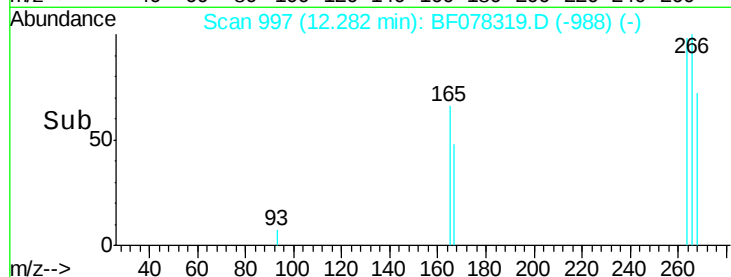
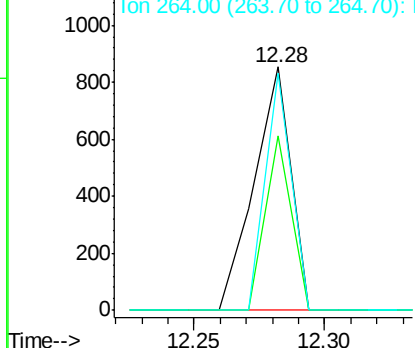
#69
 Pentachlorophenol
 Concen: 8.28 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Instrument :
 BNA_F
 ClientSampled :
 MW-19RE

Tgt Ion: 266 Resp: 828
 Ion Ratio Lower Upper
 266 100
 268 71.9 50.1 75.1
 264 97.7 50.0 75.0#

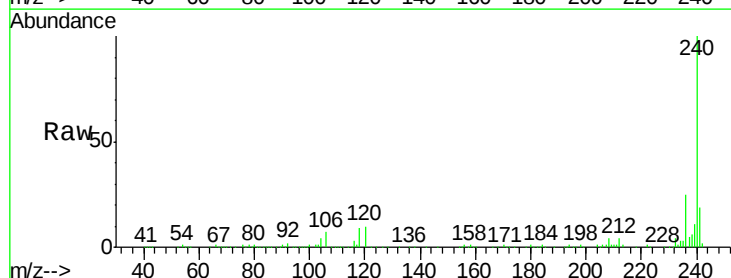


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

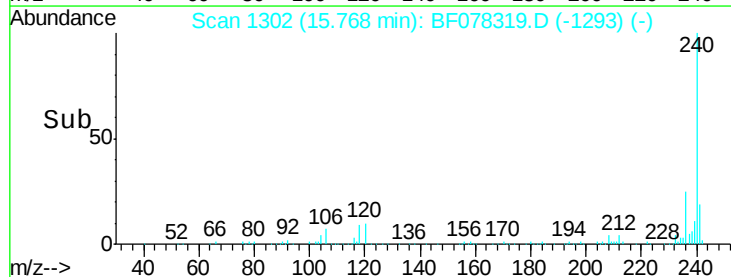
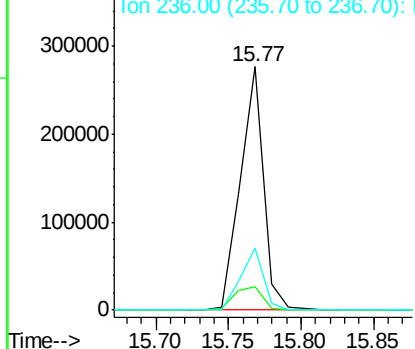


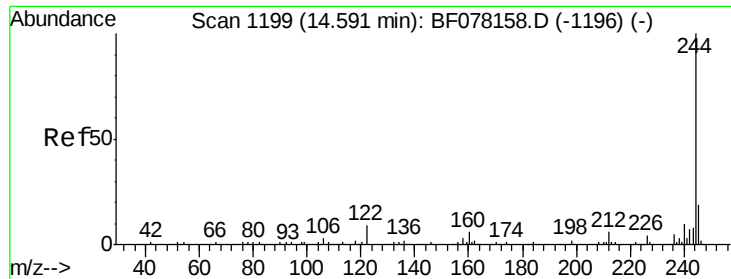
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.77 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion: 240 Resp: 306792
 Ion Ratio Lower Upper
 240 100
 120 9.6 7.1 10.7
 236 25.5 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

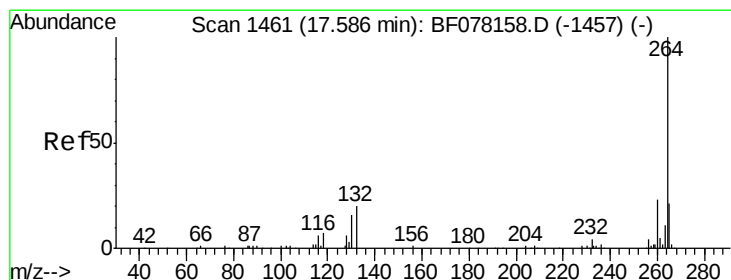
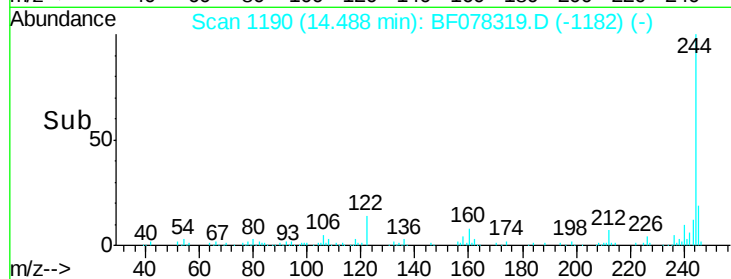
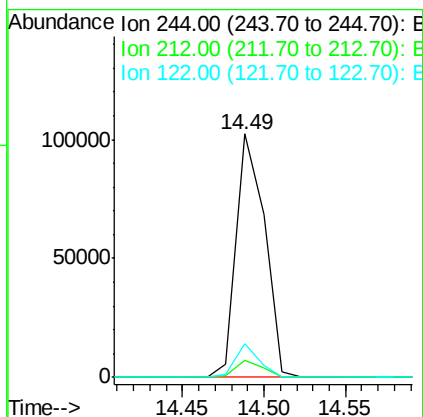
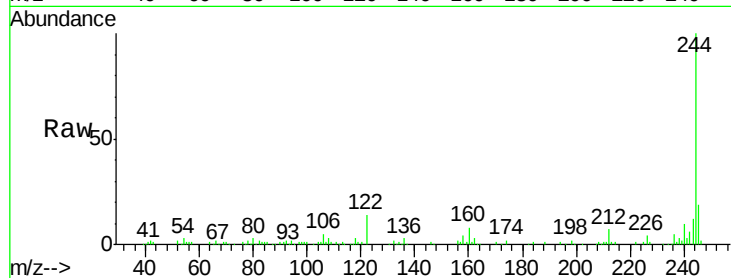




#78
 Terphenyl-d14
 Concen: 9.03 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-19RE

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.0	7.4
122	14.0	7.1	10.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.44 min Scan# 1448
 Delta R.T. 0.01 min
 Lab File: BF078319.D
 Acq: 8 Apr 2015 3:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.6	17.0	25.6

