

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028704.D
 Acq On : 13 Sep 2017 18:44
 Operator : SJ/JU
 Sample : I5189-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR-MW-01-090817

Quant Time: Sep 14 08:43:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

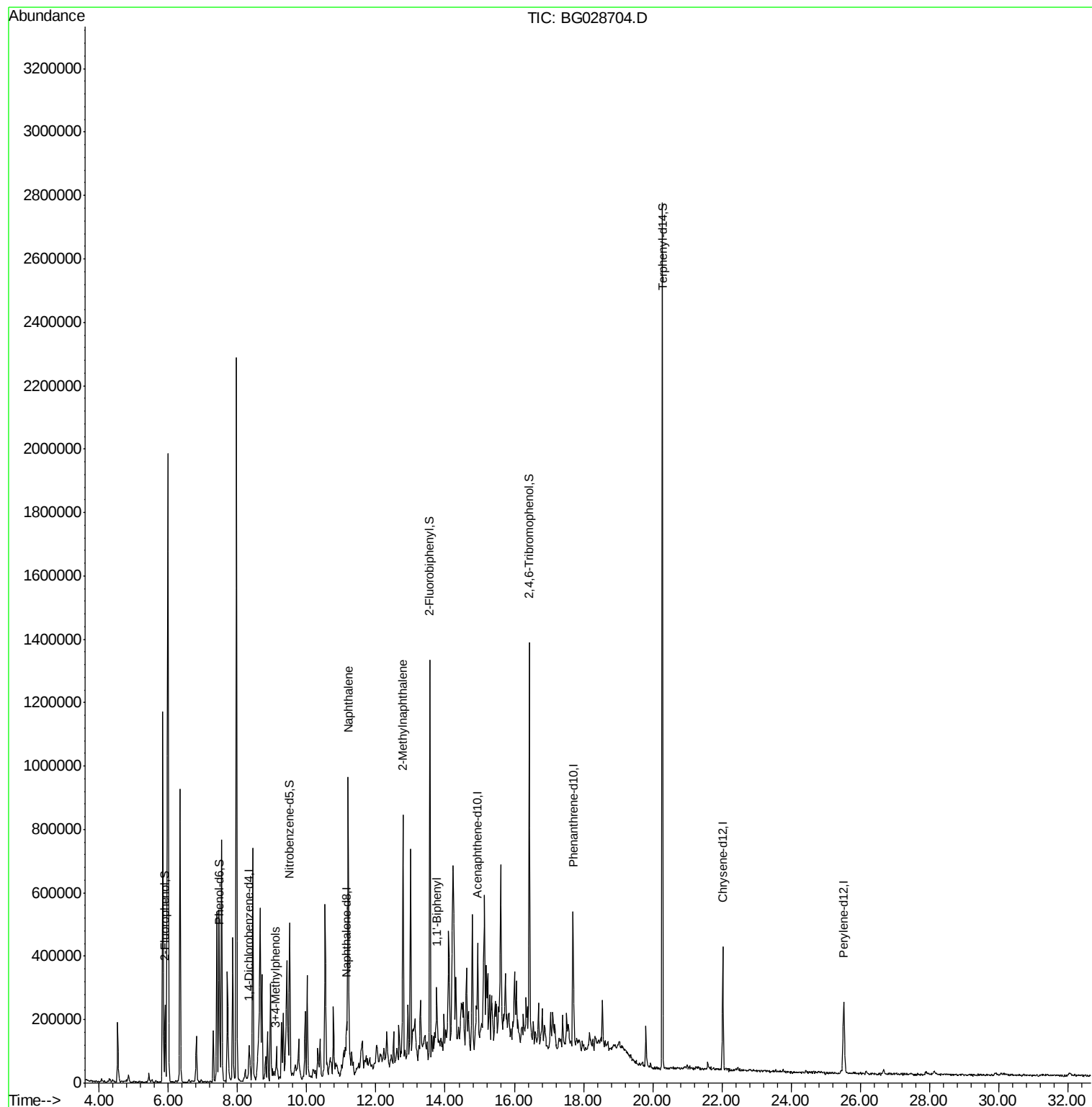
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	28223	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	118428	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	101745	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	243995	20.00	ng	0.00
75) Chrysene-d12	22.03	240	273704	20.00	ng	0.00
86) Perylene-d12	25.53	264	283550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	102777	60.09	ng	0.00
7) Phenol-d6	7.49	99	90368	35.09	ng	0.00
23) Nitrobenzene-d5	9.50	82	258708	104.50	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	255758	151.98	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	695118	91.10	ng	0.00
78) Terphenyl-d14	20.28	244	1282492	99.93	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	9.10	107	7275	2.929	ng	95
31) Naphthalene	11.20	128	749666	121.201	ng	100
37) 2-Methylnaphthalene	12.78	142	356909	77.287	ng	98
45) 1,1'-Biphenyl	13.77	154	35738	4.242	ng	96

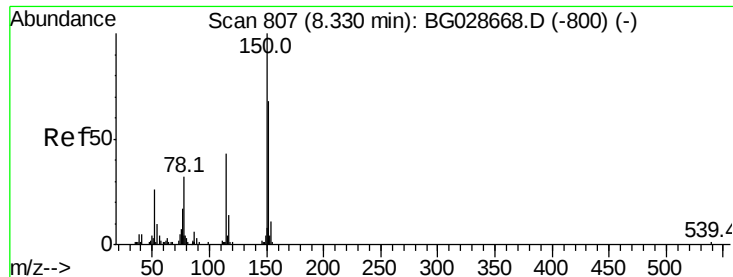
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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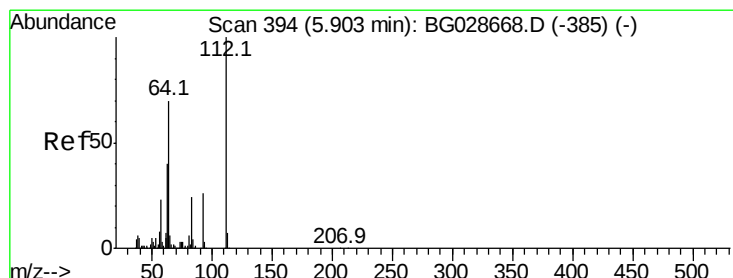
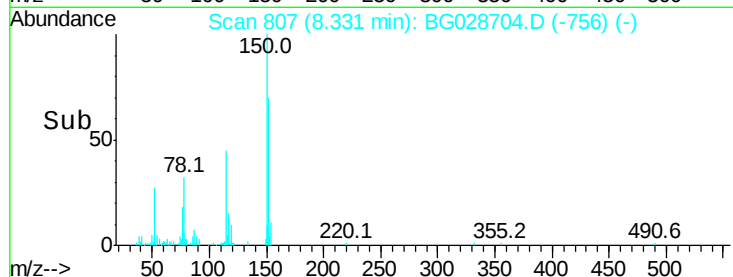
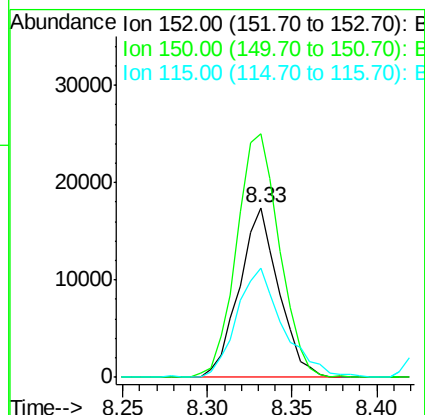
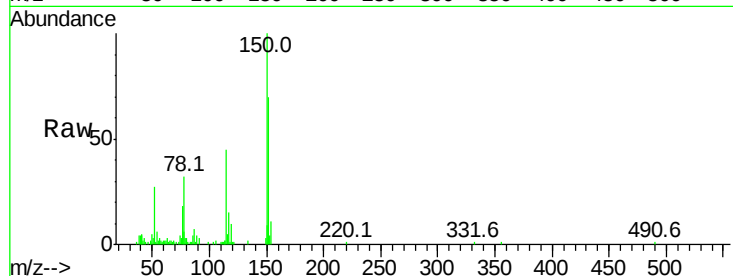


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817

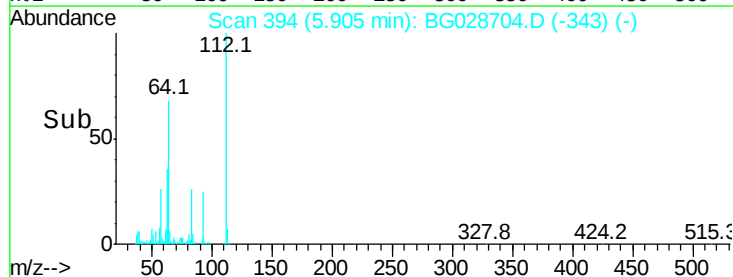
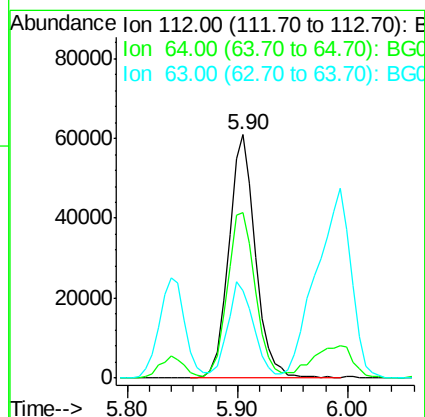
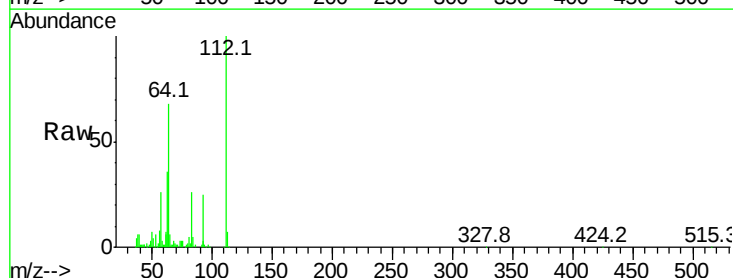
Tot Ion:152 Resp: 28223
Ion Ratio Lower Upper
152 100
150 143.7 114.0 171.0
115 64.7 48.1 72.1

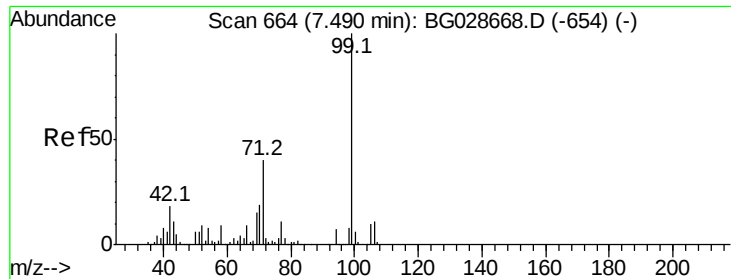


#5

2-Fluorophenol
Concen: 60.088 ng
RT: 5.90 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:112 Resp: 102777
Ion Ratio Lower Upper
112 100
64 68.0 61.8 92.6
63 36.0 37.2 55.8#





#7

Phenol-d6

Concen: 35.091 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817

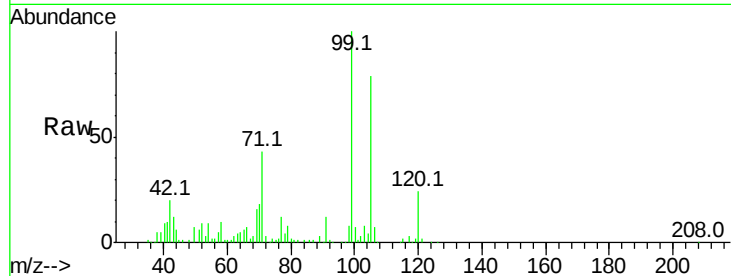
Tot Ion: 99 Resp: 90368

Ion Ratio Lower Upper

99 100

42 19.9 20.5 30.7#

71 42.8 37.6 56.4

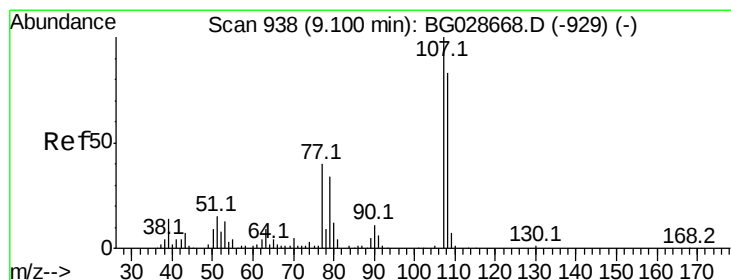
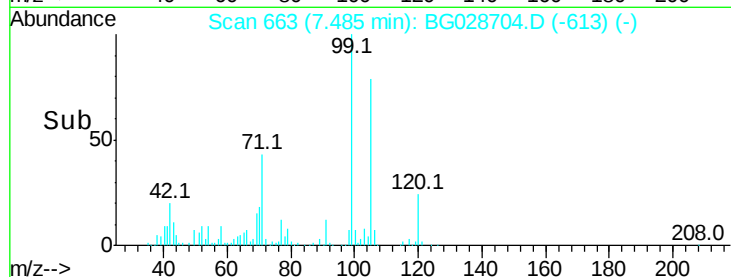
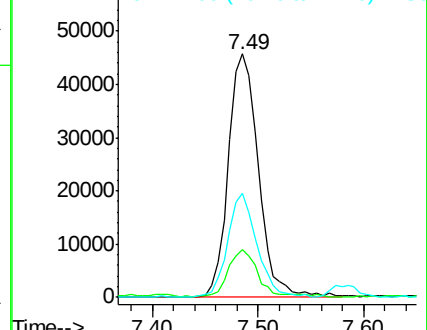


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#20

3+4-Methylphenols

Concen: 2.929 ng

RT: 9.10 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Tgt Ion:107 Resp: 7275

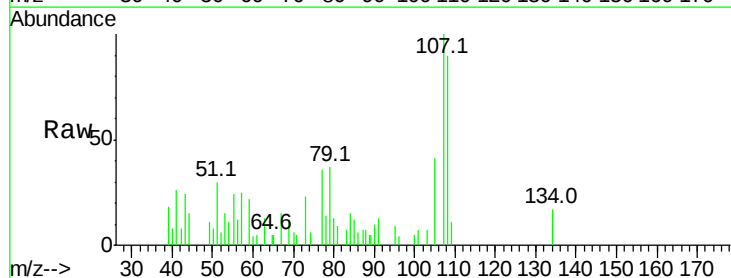
Ion Ratio Lower Upper

107 100

108 90.1 70.8 110.8

77 36.2 25.8 65.8

79 36.7 20.1 60.1



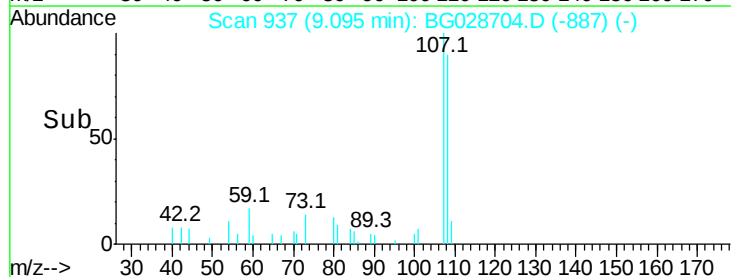
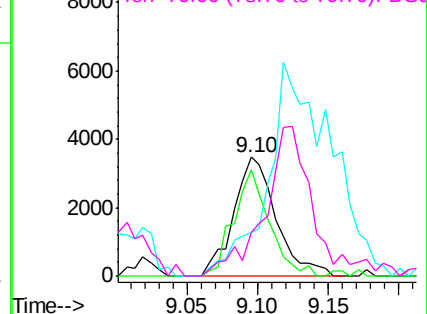
Abundance

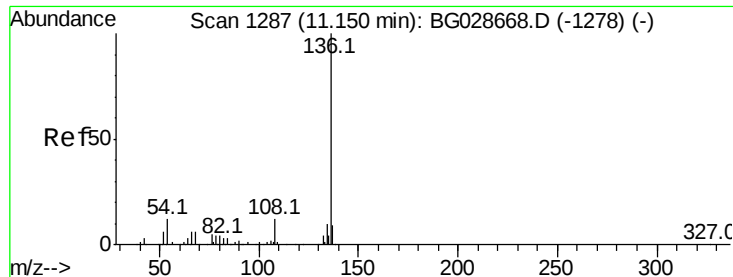
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

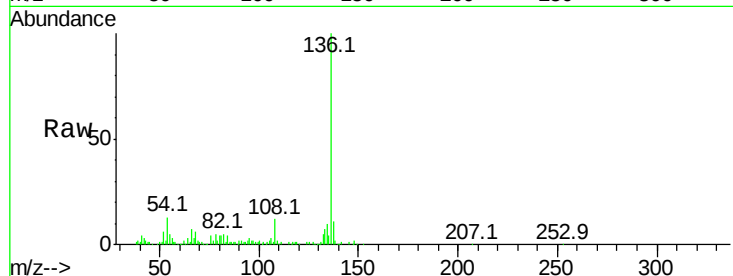




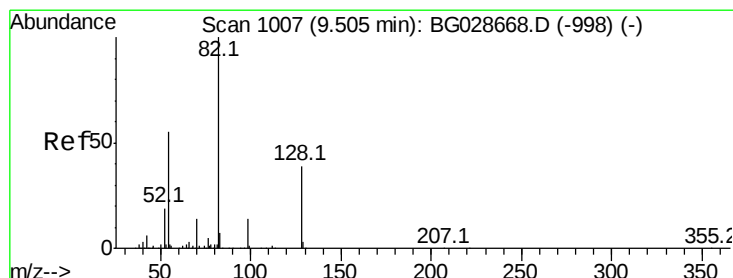
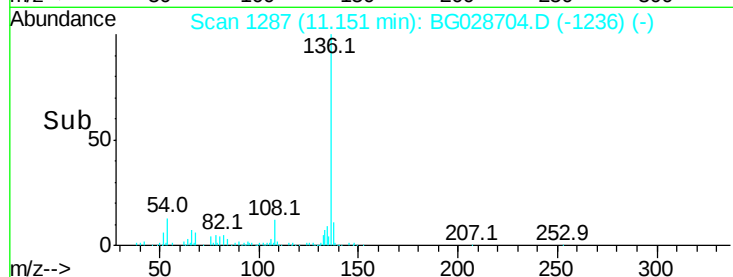
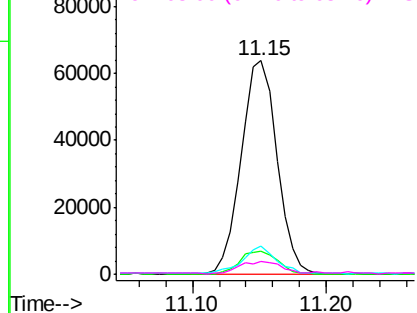
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.15 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817

Tot Ion:	136	Resp:	118428
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	13.2	9.3	13.9
68	6.3	5.1	7.7

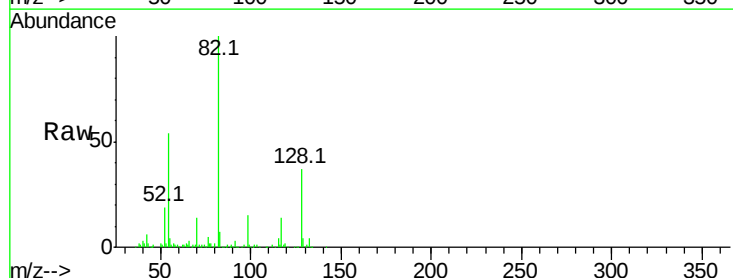


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

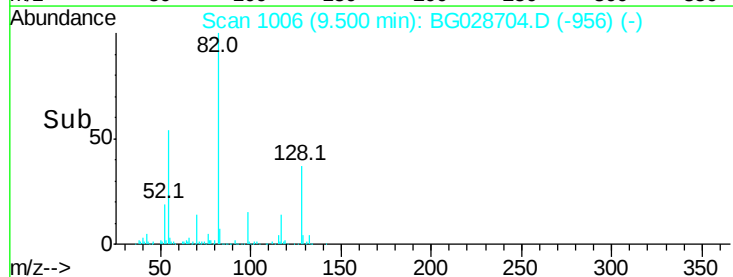
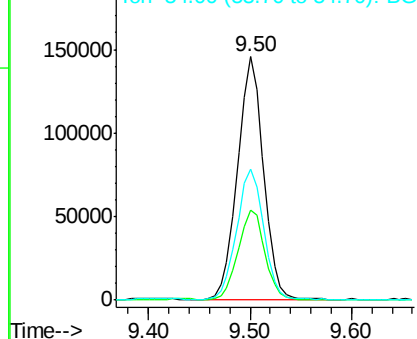


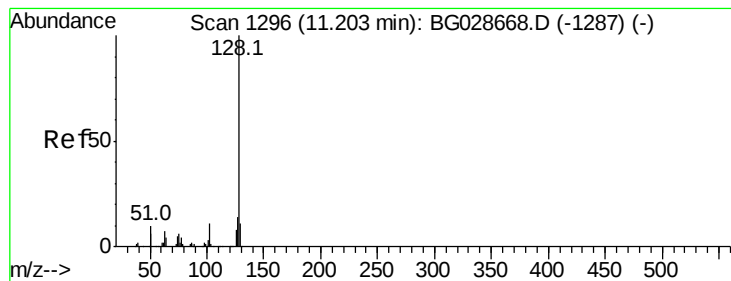
#23
Nitrobenzene-d5
Concen: 104.502 ng
RT: 9.50 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:	82	Resp:	258708
Ion	Ratio	Lower	Upper
82	100		
128	36.8	26.4	39.6
54	54.0	49.4	74.2



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





#31

Naphthalene

Concen: 121.201 ng

RT: 11.20 min Scan# 1295

Delta R.T. -0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817

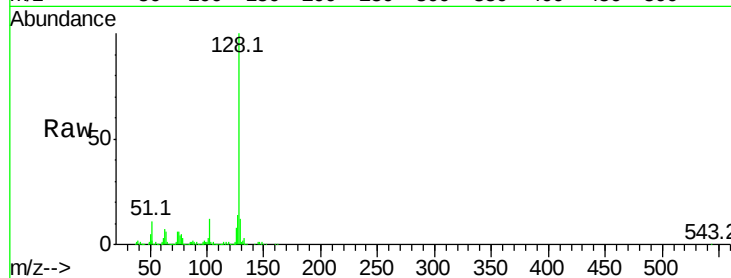
Tot Ion:128 Resp: 749666

Ion Ratio Lower Upper

128 100

129 11.6 9.3 13.9

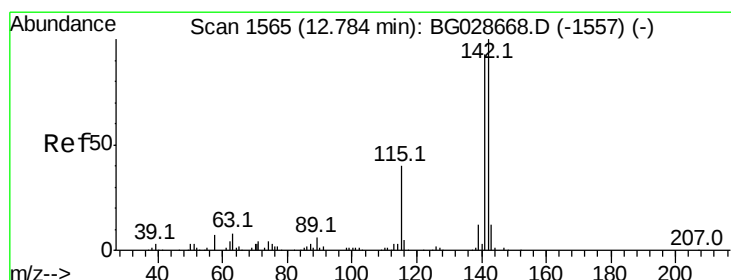
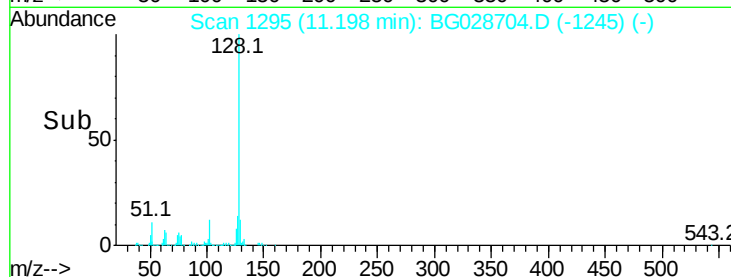
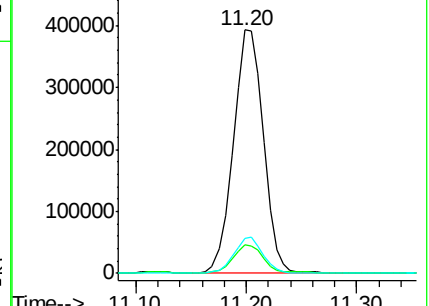
127 14.1 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 77.287 ng

RT: 12.78 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

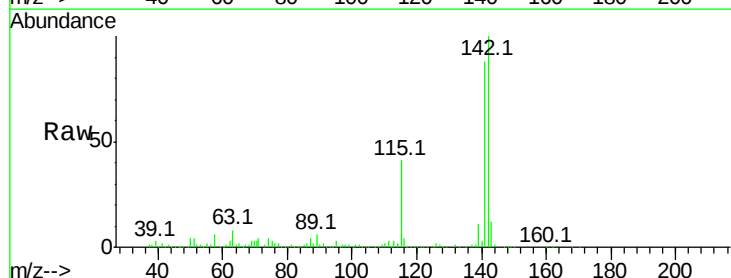
Tgt Ion:142 Resp: 356909

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6

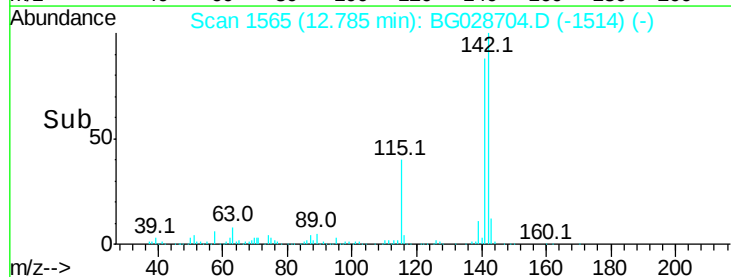
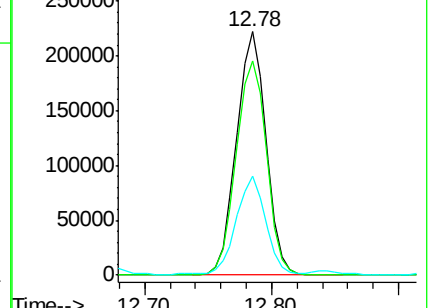
115 40.7 35.5 53.3

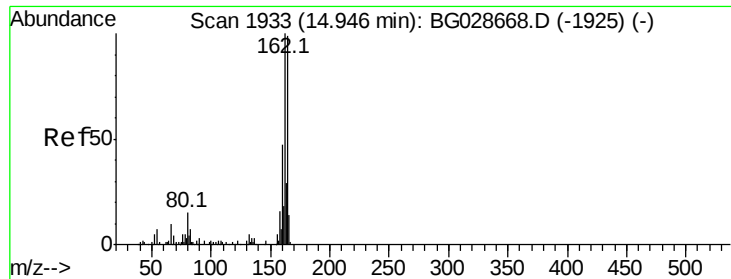


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

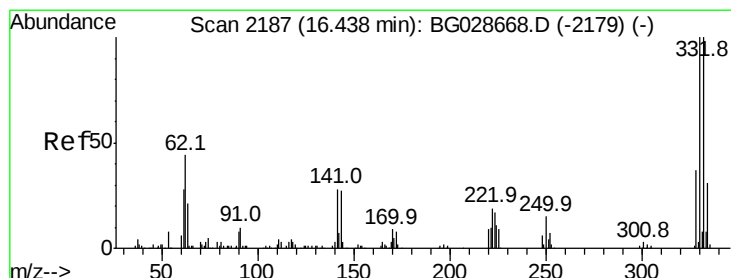
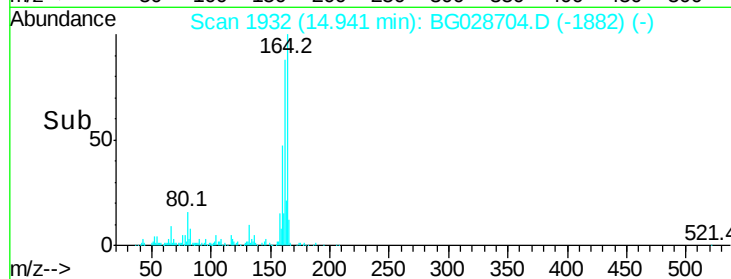
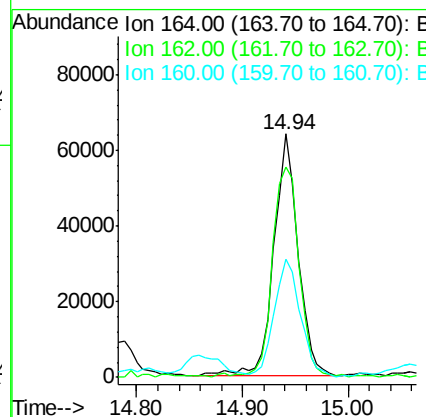
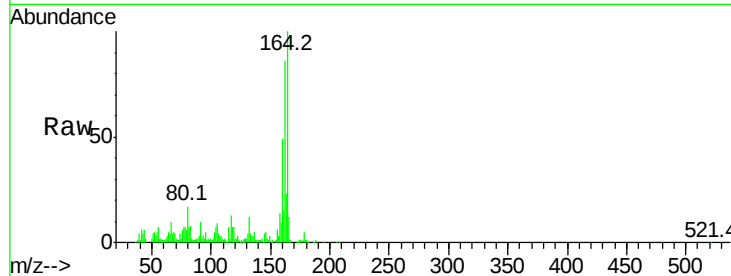




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.94 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

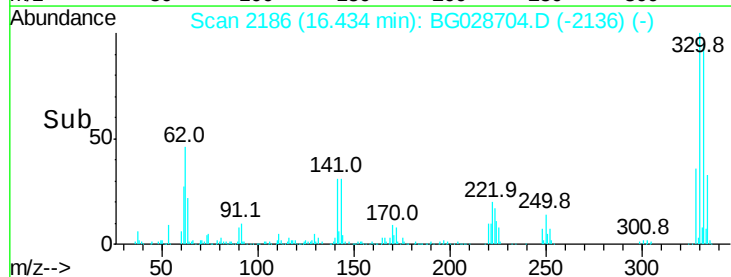
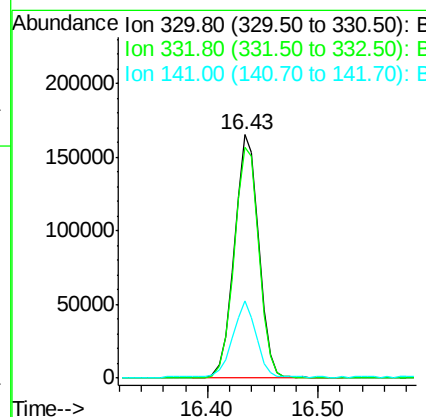
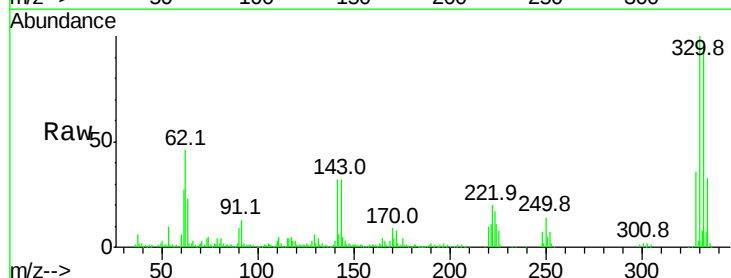
Instrument :
BNA_G
ClientSampleId :
PR-MW-01-090817

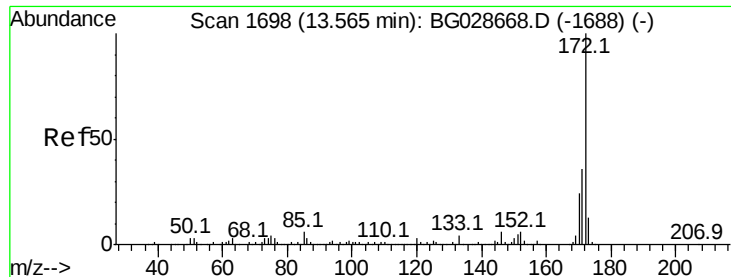
Tot Ion:164 Resp: 101745
Ion Ratio Lower Upper
164 100
162 86.3 85.1 127.7
160 48.6 34.7 52.1



#41
2,4,6-Tribromophenol
Concen: 151.984 ng
RT: 16.43 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:330 Resp: 255758
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 30.2 32.1 48.1#

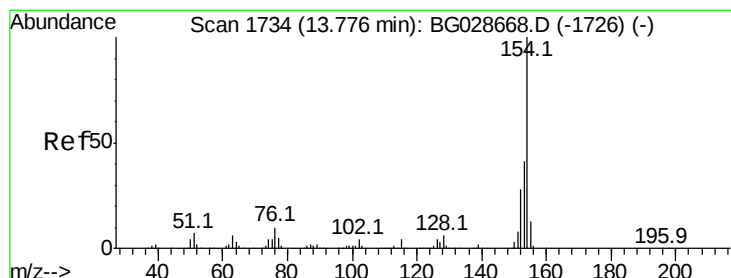
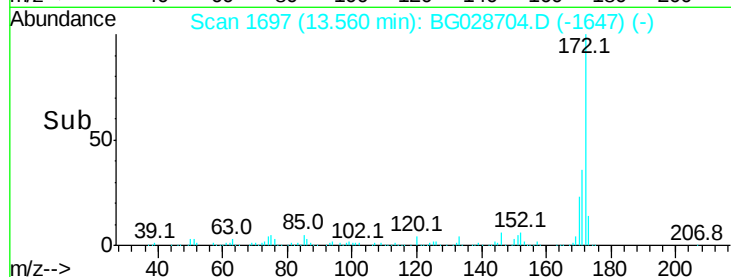
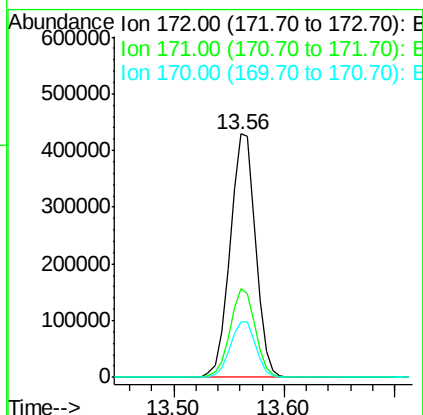
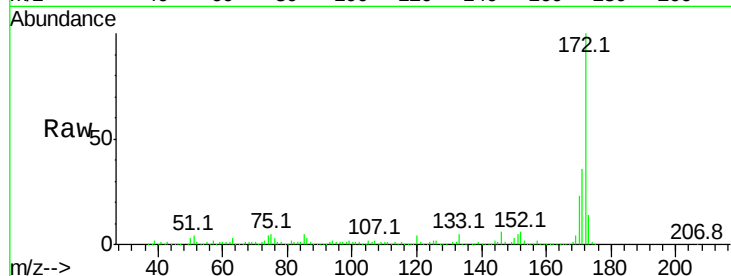




#44
2-Fluorobiphenyl
Concen: 91.099 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

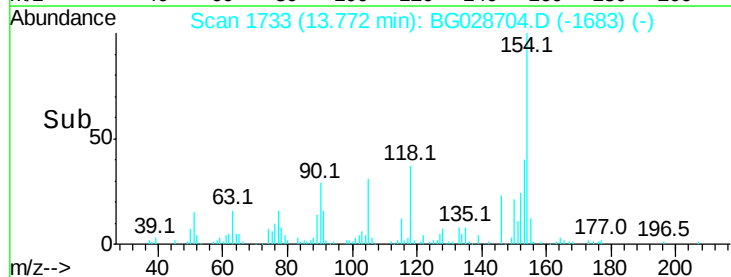
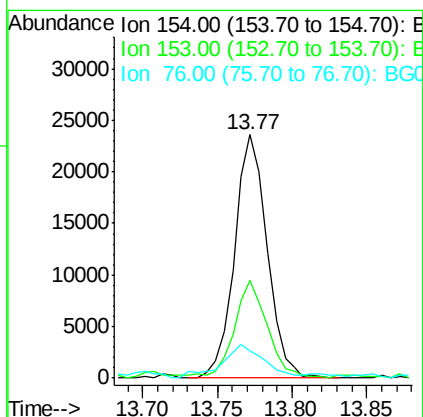
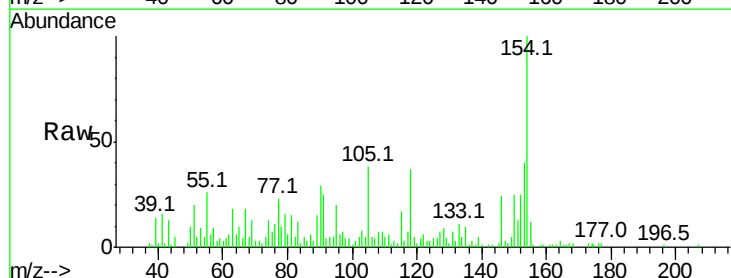
Instrument :
BNA_G
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PR-MW-01-090817

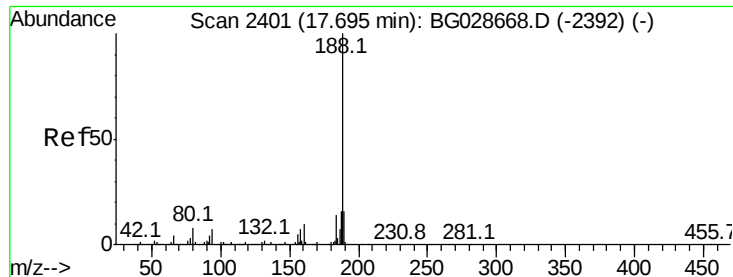
Tot Ion:172 Resp: 695118
Ion Ratio Lower Upper
172 100
171 36.4 32.2 48.2
170 22.6 21.8 32.6



#45
1,1'-Biphenyl
Concen: 4.242 ng
RT: 13.77 min Scan# 1733
Delta R.T. -0.00 min
Lab File: BG028704.D
Acq: 13 Sep 2017 18:44

Tgt Ion:154 Resp: 35738
Ion Ratio Lower Upper
154 100
153 40.4 23.0 63.0
76 11.3 0.0 33.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817

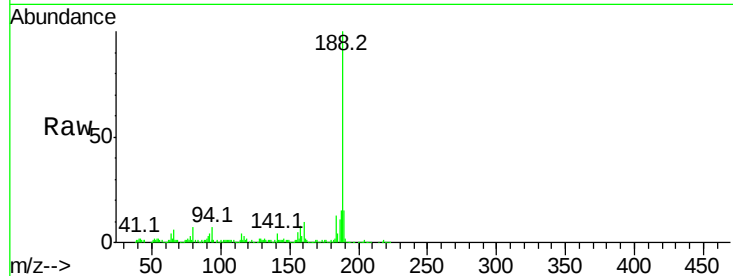
Tot Ion:188 Resp: 243995

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.8

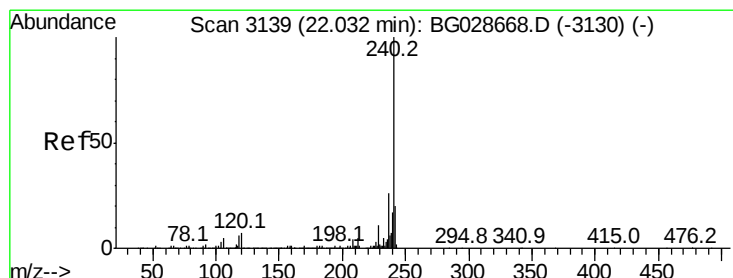
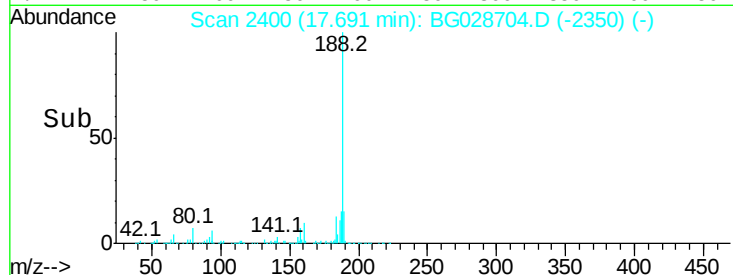
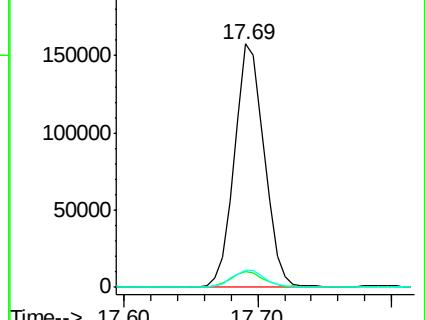
80 6.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

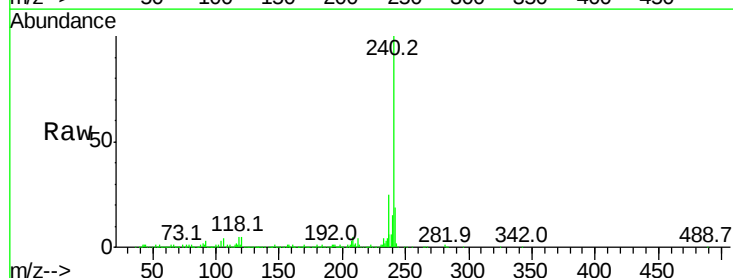
Tgt Ion:240 Resp: 273704

Ion Ratio Lower Upper

240 100

120 4.8 5.7 8.5#

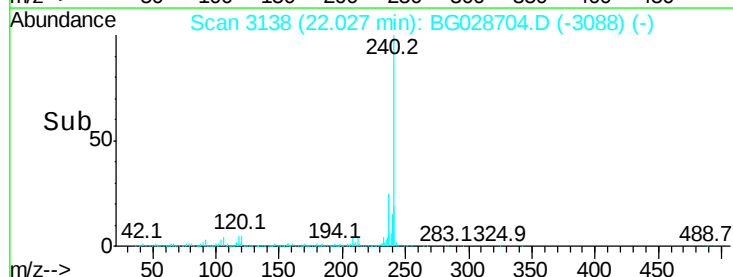
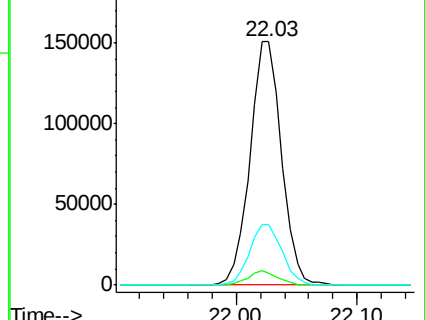
236 25.1 22.2 33.4

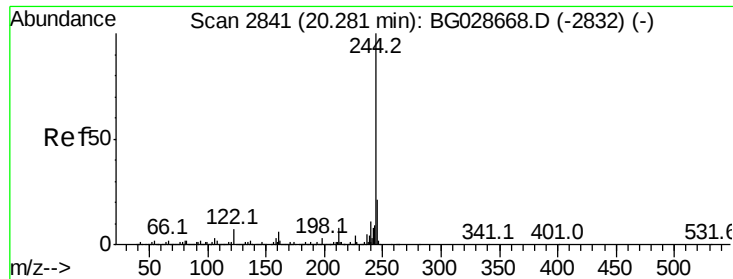


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.925 ng

RT: 20.28 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Instrument :

BNA_G

ClientSampleId :

PR-MW-01-090817

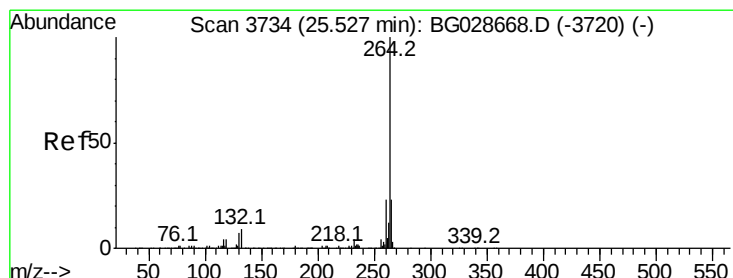
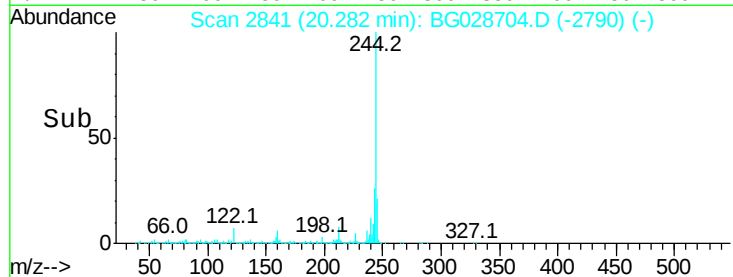
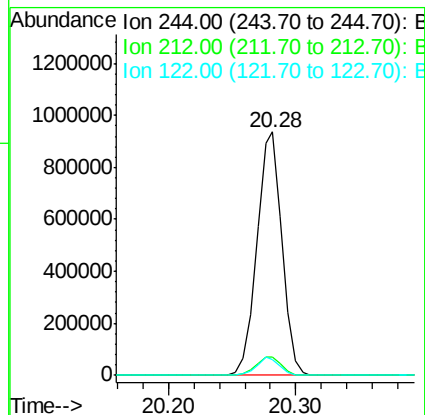
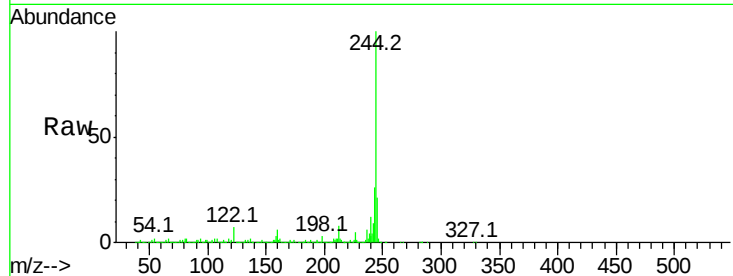
Tot Ion:244 Resp: 1282492

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

122 6.7 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.53 min Scan# 3734

Delta R.T. 0.00 min

Lab File: BG028704.D

Acq: 13 Sep 2017 18:44

Tgt Ion:264 Resp: 283550

Ion Ratio Lower Upper

264 100

260 25.3 21.8 32.8

265 21.1 18.2 27.4

