

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\
 Data File : BG028698.D
 Acq On : 13 Sep 2017 14:48
 Operator : SJ/JU
 Sample : I5189-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-090717

Quant Time: Sep 14 05:35:00 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	25107	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	102100	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75169	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	227885	20.00	ng	0.00
75) Chrysene-d12	22.02	240	265717	20.00	ng	0.00
86) Perylene-d12	25.52	264	267771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	103987	68.34	ng	0.00
7) Phenol-d6	7.48	99	83375	36.39	ng	0.00
23) Nitrobenzene-d5	9.50	82	221048	103.57	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	230054	185.04	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	581460	103.15	ng	0.00
78) Terphenyl-d14	20.28	244	1274260	102.27	ng	0.00

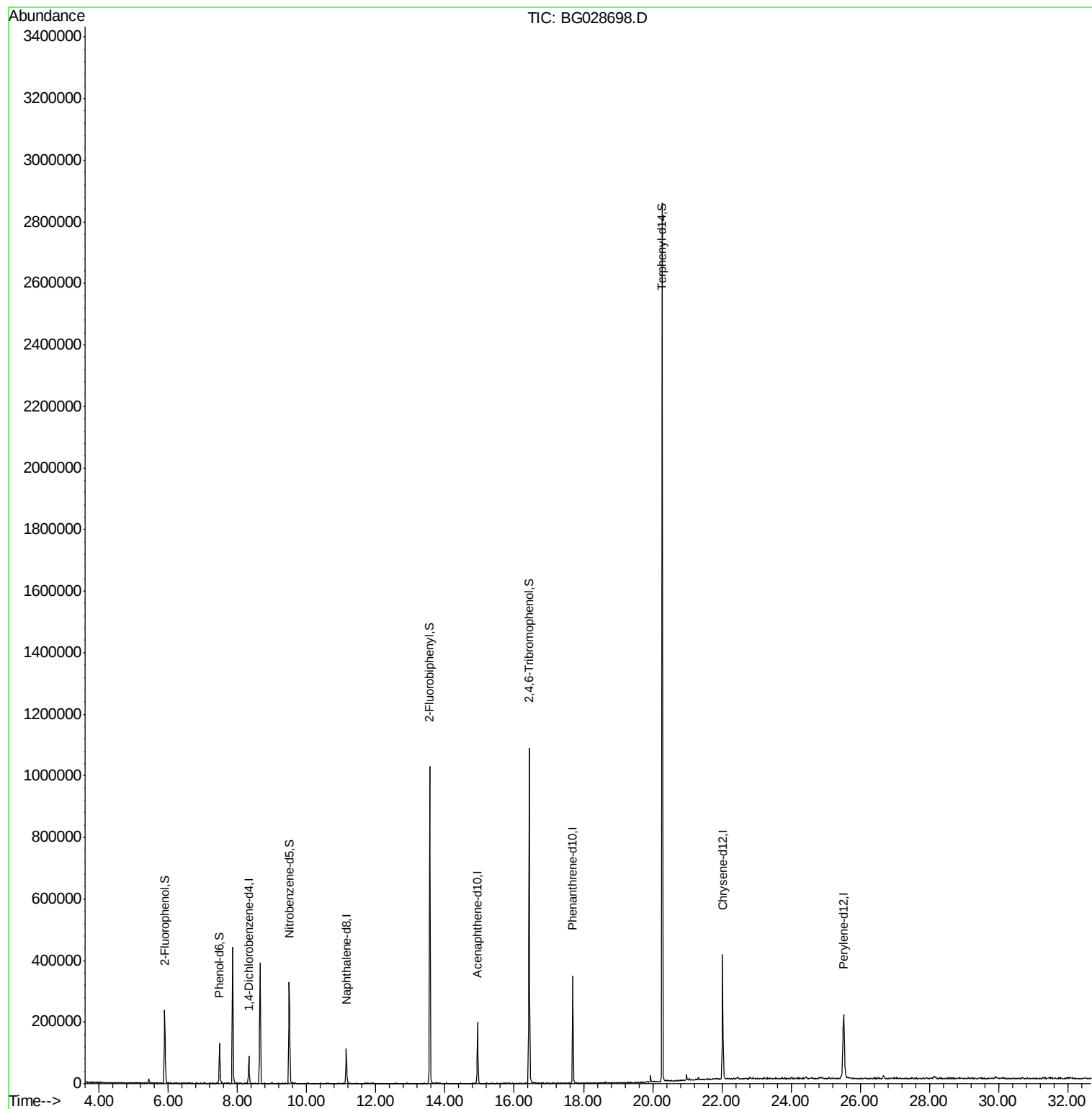
Target Compounds Qvalue

(#) = 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: BG028698.D

Acq: 13 Sep 2017 14:48

Instrument :

BNA_G

ClientSampleId :

C-MW-07-090717

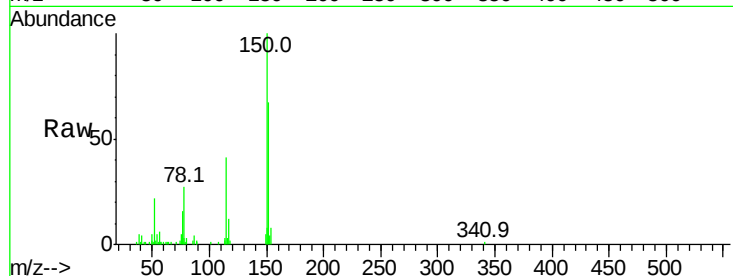
Tot Ion:152 Resp: 25107

Ion Ratio Lower Upper

152 100

150 149.6 114.0 171.0

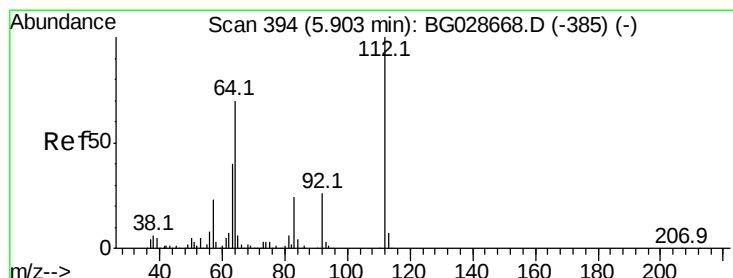
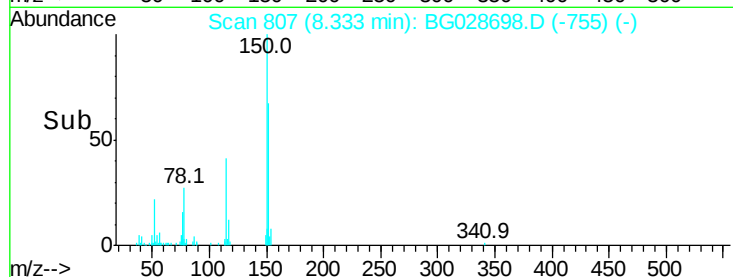
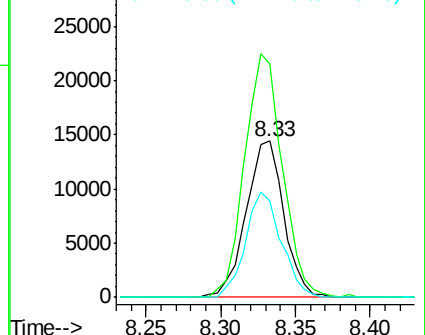
115 62.1 48.1 72.1



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: 68.341 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

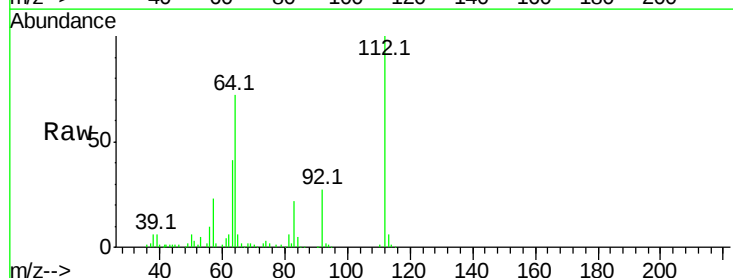
Tgt Ion:112 Resp: 103987

Ion Ratio Lower Upper

112 100

64 71.7 61.8 92.6

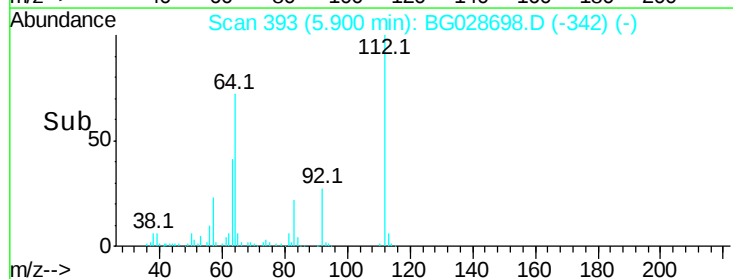
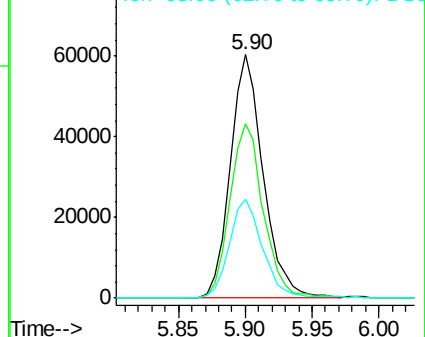
63 40.6 37.2 55.8

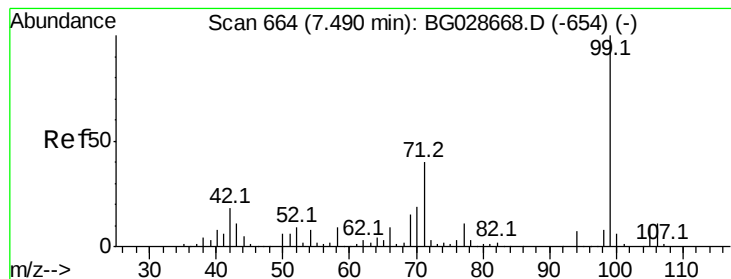


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.393 ng

RT: 7.48 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Instrument :

BNA_G

ClientSampleId :

C-MW-07-090717

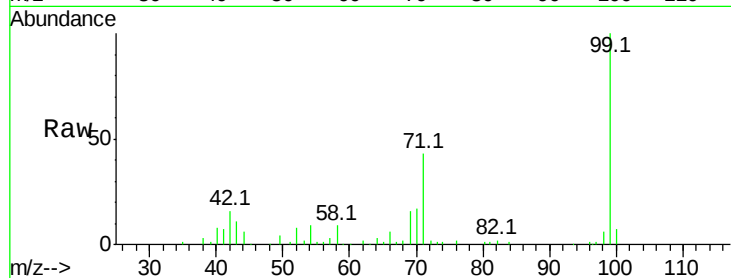
Tot Ion: 99 Resp: 83375

Ion Ratio Lower Upper

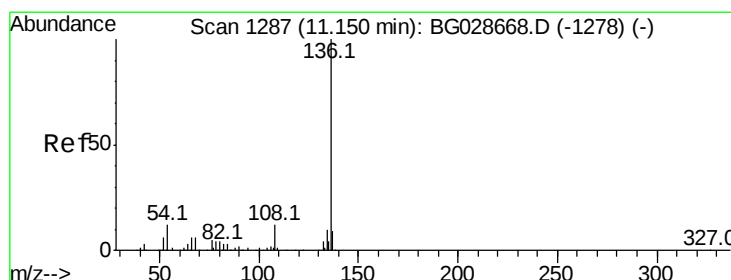
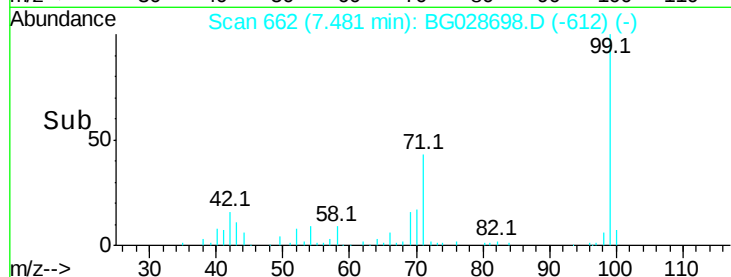
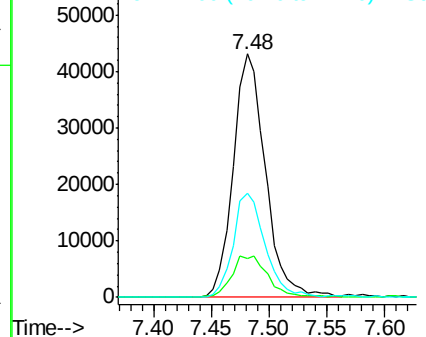
99 100

42 16.0 20.5 30.7#

71 42.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.15 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Tgt Ion: 136 Resp: 102100

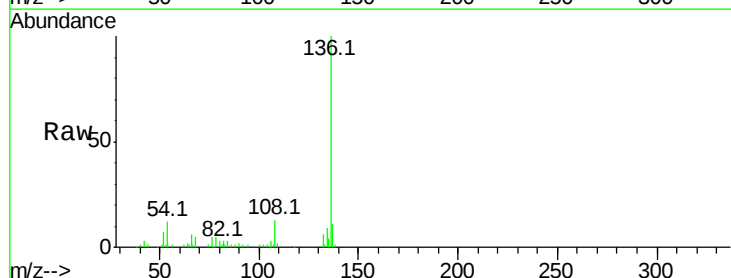
Ion Ratio Lower Upper

136 100

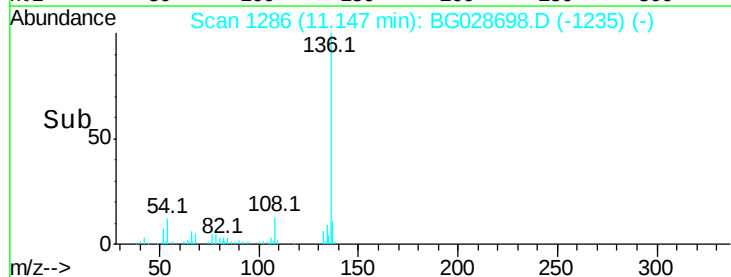
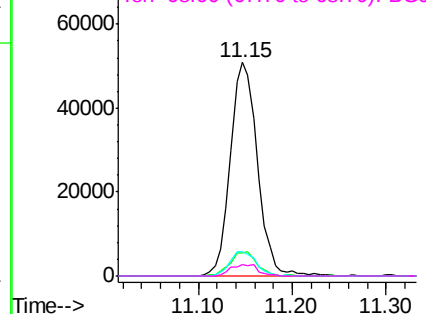
137 11.0 8.9 13.3

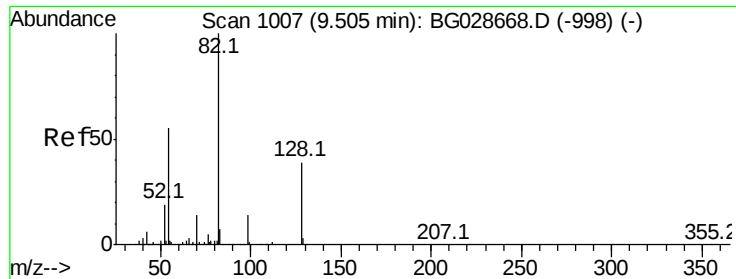
54 11.5 9.3 13.9

68 5.4 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: 103.569 ng

RT: 9.50 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Instrument :

BNA_G

ClientSampleId :

C-MW-07-090717

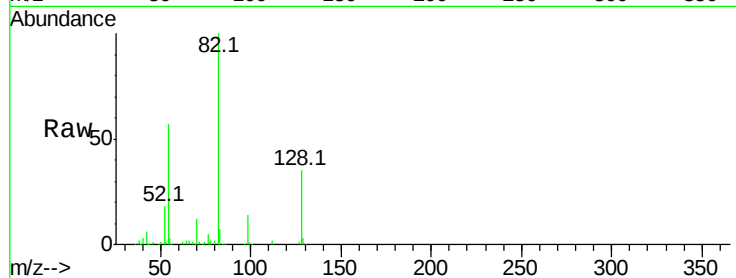
Tot Ion: 82 Resp: 221048

Ion Ratio Lower Upper

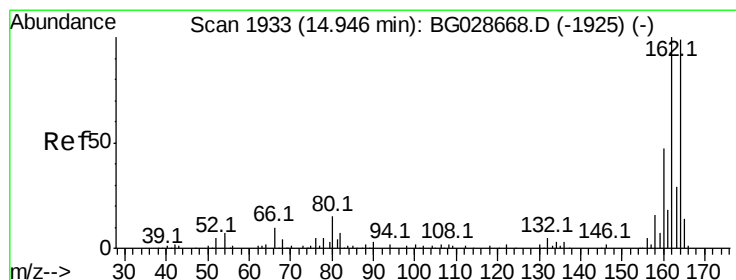
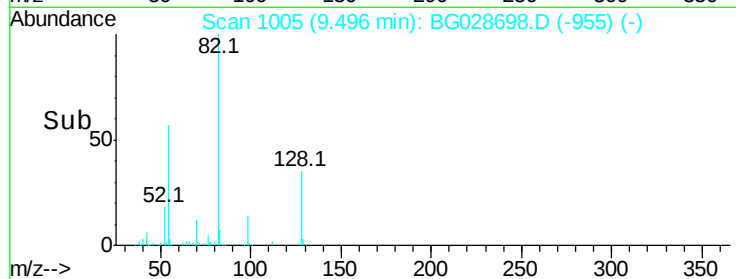
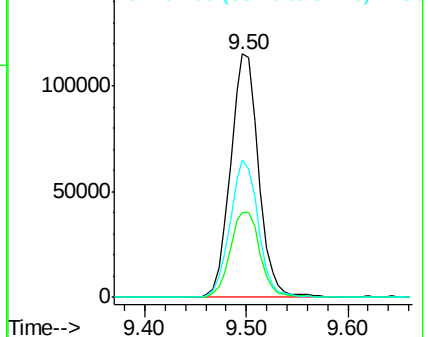
82 100

128 35.1 26.4 39.6

54 56.6 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.94 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

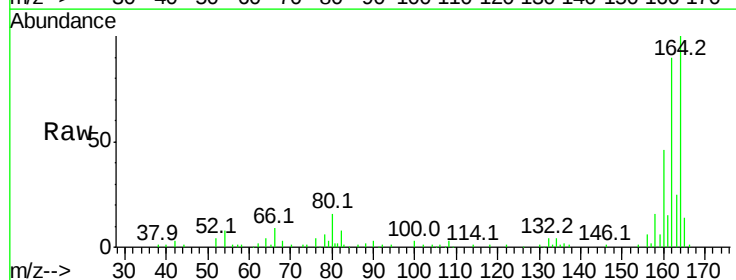
Tgt Ion: 164 Resp: 75169

Ion Ratio Lower Upper

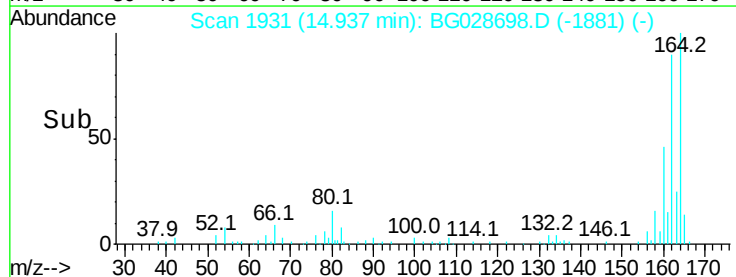
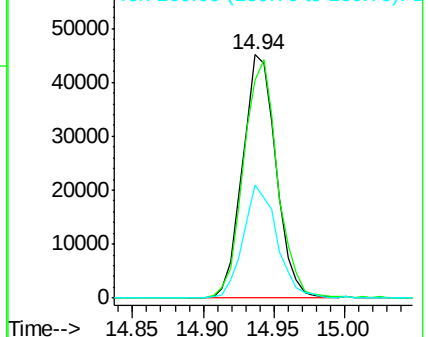
164 100

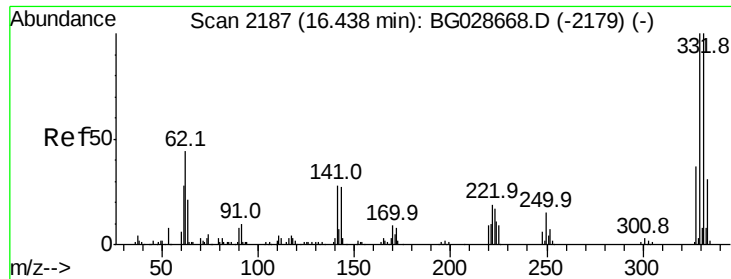
162 89.6 85.1 127.7

160 46.2 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

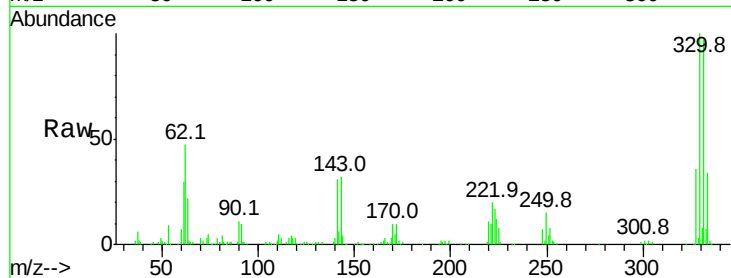




#41
 2,4,6-Tribromophenol
 Concen: 185.043 ng
 RT: 16.43 min Scan# 2185
 Delta R.T. -0.01 min
 Lab File: BG028698.D
 Acq: 13 Sep 2017 14:48

Instrument :
 BNA_G
 ClientSampleId :
 C-MW-07-090717

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	30.5	32.1	48.1#

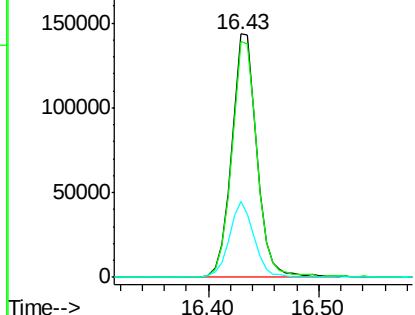
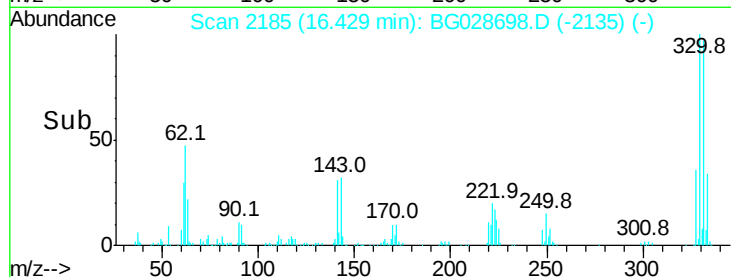


Abundance

Ion 329.80 (329.50 to 330.50): E

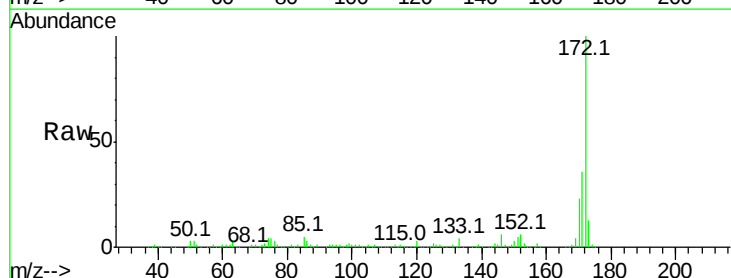
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 103.145 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG028698.D
 Acq: 13 Sep 2017 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	32.2	48.2
170	23.0	21.8	32.6

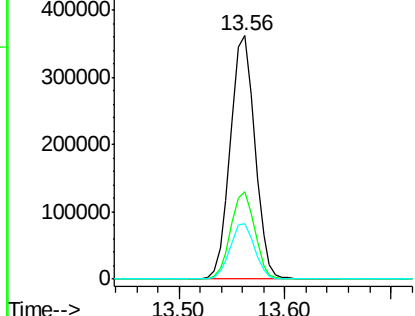
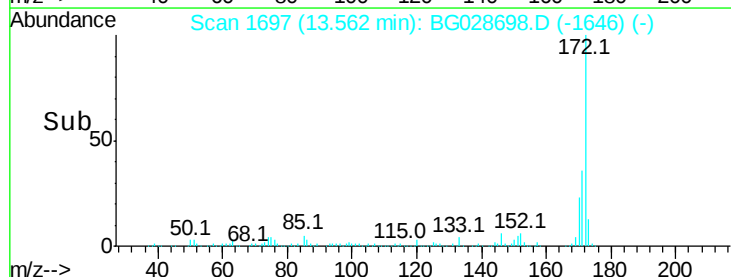


Abundance

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Instrument :

BNA_G

ClientSampleId :

C-MW-07-090717

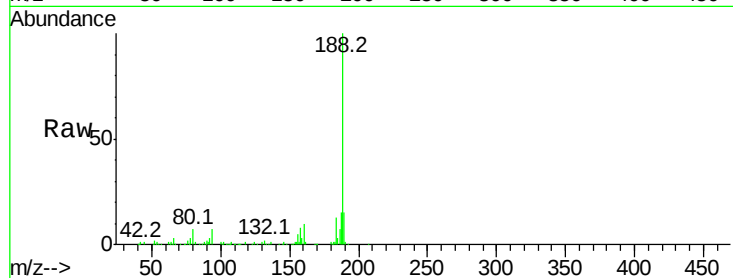
Tot Ion:188 Resp: 227885

Ion Ratio Lower Upper

188 100

94 6.6 5.8 8.8

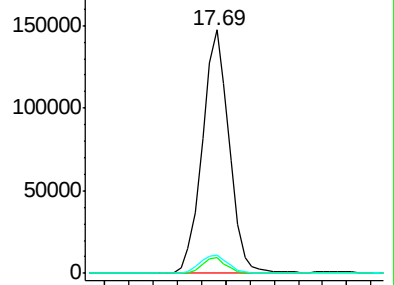
80 7.3 7.5 11.3#



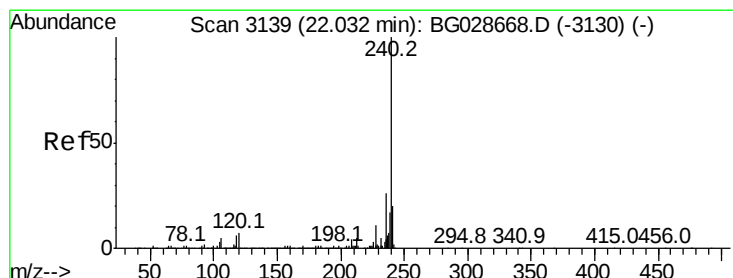
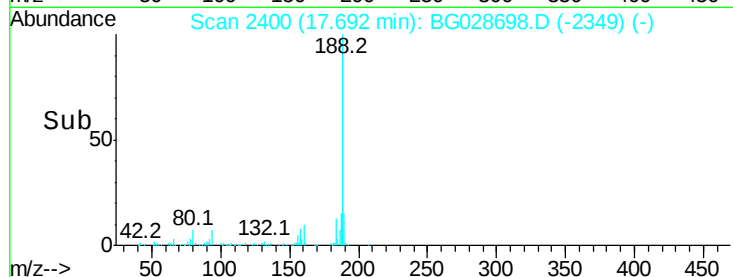
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.60 17.70 17.80



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

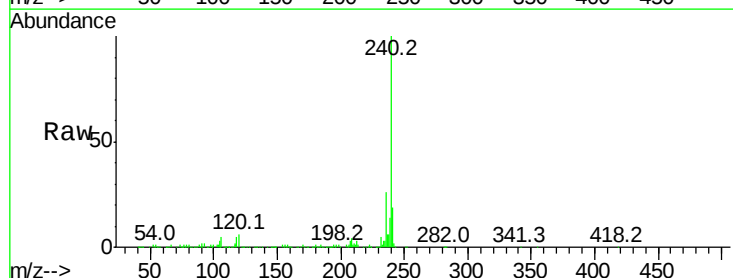
Tgt Ion:240 Resp: 265717

Ion Ratio Lower Upper

240 100

120 5.7 5.7 8.5

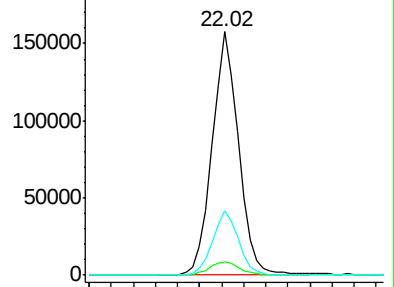
236 26.4 22.2 33.4



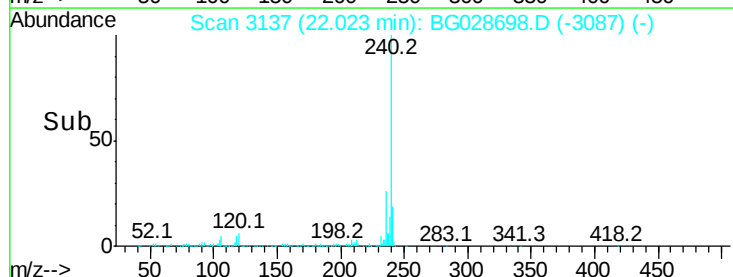
Abundance Ion 240.00 (239.70 to 240.70): E

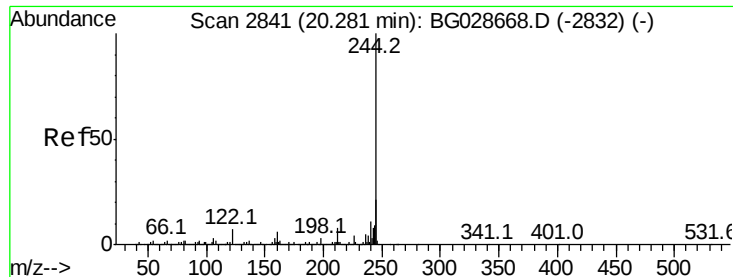
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.90 22.00 22.10





#78

Terphenyl-d14

Concen: 102.268 ng

RT: 20.28 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Instrument :

BNA_G

ClientSampleId :

C-MW-07-090717

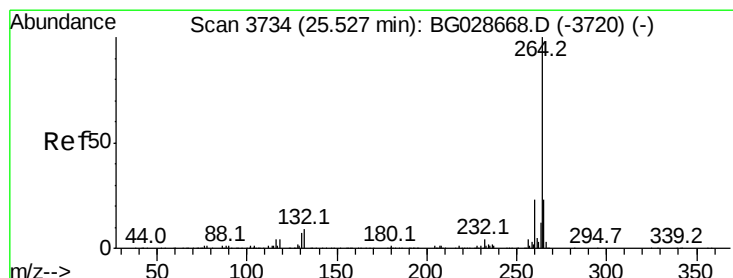
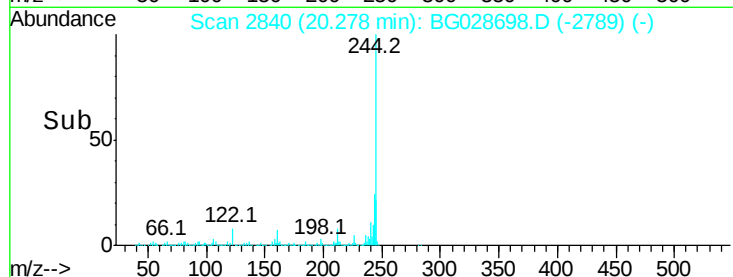
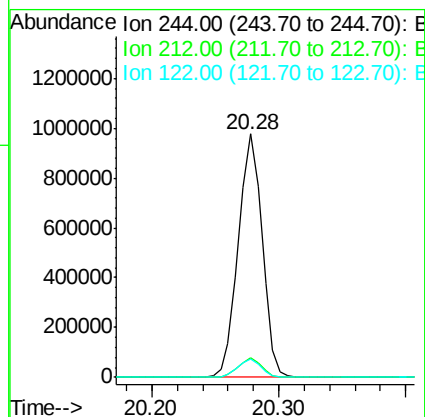
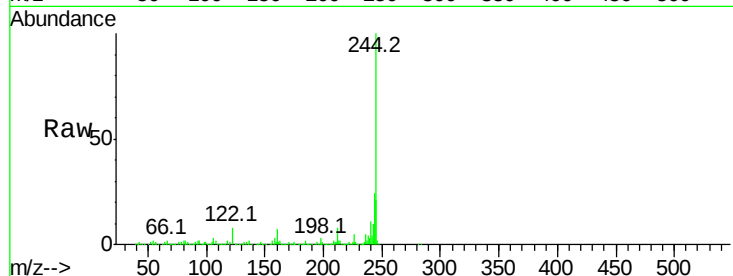
Tot Ion:244 Resp: 1274260

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	7.6	8.6	12.8#

244 100

212 8.0 10.0 15.0#

122 7.6 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG028698.D

Acq: 13 Sep 2017 14:48

Tgt Ion:264 Resp: 267771

Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	20.7	18.2	27.4

264 100

260 22.1 21.8 32.8

265 20.7 18.2 27.4

