

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091417\
 Data File : BG028740.D
 Acq On : 14 Sep 2017 20:01
 Operator : SJ/JU
 Sample : I5222-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Quant Time: Sep 15 08:50:27 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	28314	20.00	ng	0.00
21) Naphthalene-d8	11.15	136	109264	20.00	ng	0.00
38) Acenaphthene-d10	14.94	164	75897	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	231838	20.00	ng	0.00
75) Chrysene-d12	22.02	240	272753	20.00	ng	-0.01
86) Perylene-d12	25.52	264	274270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	203008	118.31	ng	0.00
7) Phenol-d6	7.48	99	241759	93.58	ng	0.00
23) Nitrobenzene-d5	9.50	82	178083	77.97	ng	0.00
41) 2,4,6-Tribromophenol	16.43	330	167430	133.38	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	464512	81.61	ng	0.00
78) Terphenyl-d14	20.27	244	1023160	80.00	ng	0.00

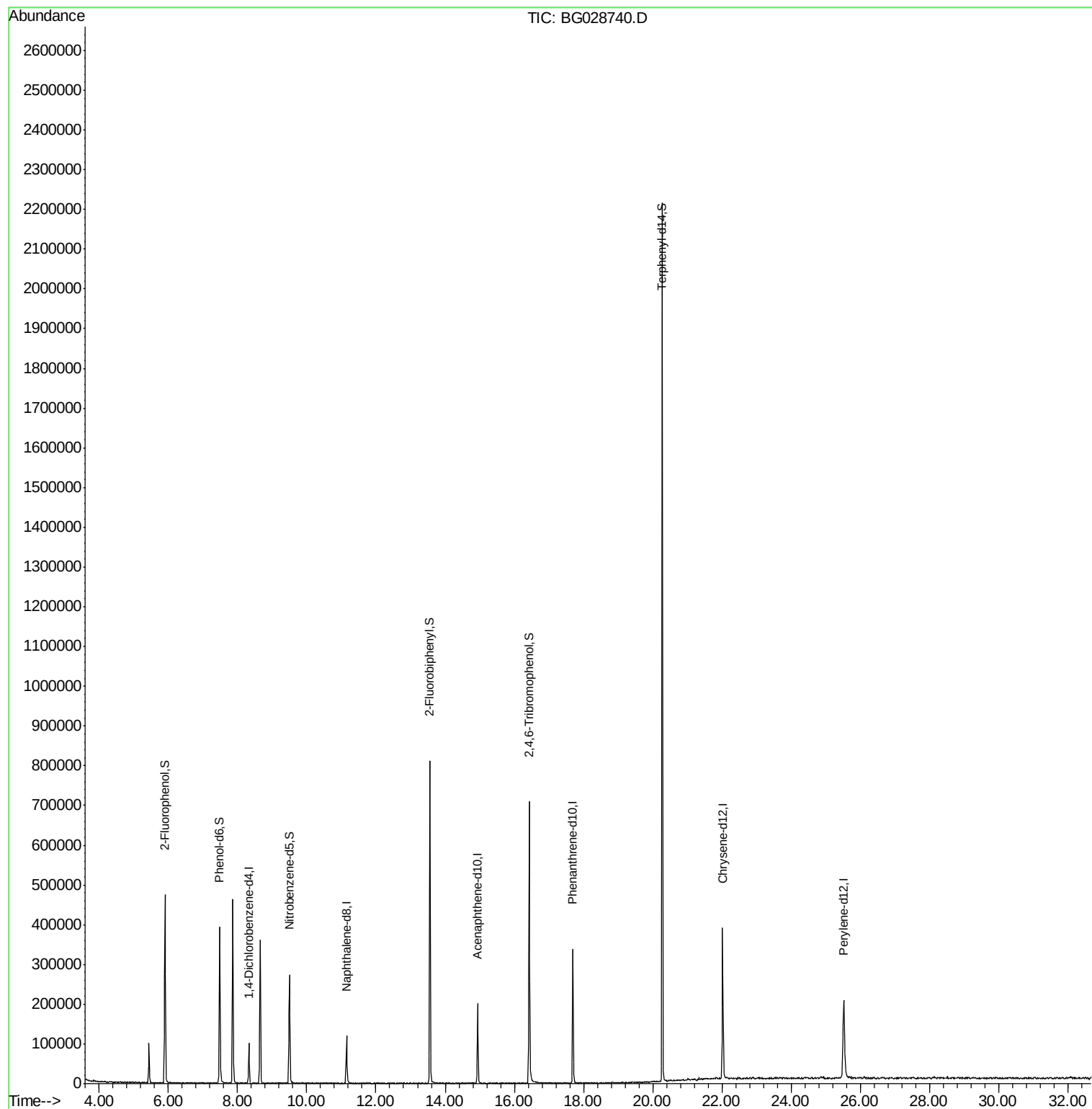
Target Compounds Qvalue

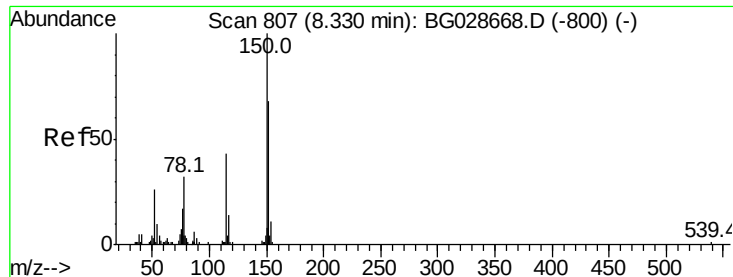
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

SP-2

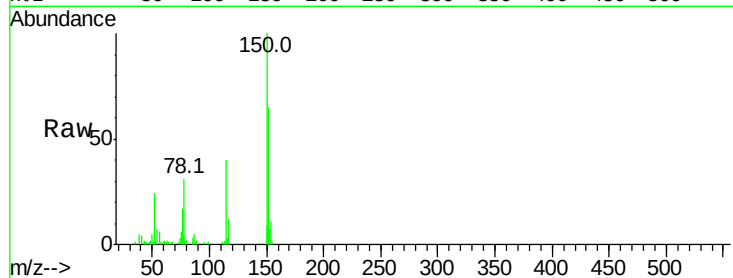
Tot Ion:152 Resp: 28314

Ion Ratio Lower Upper

152 100

150 154.6 114.0 171.0

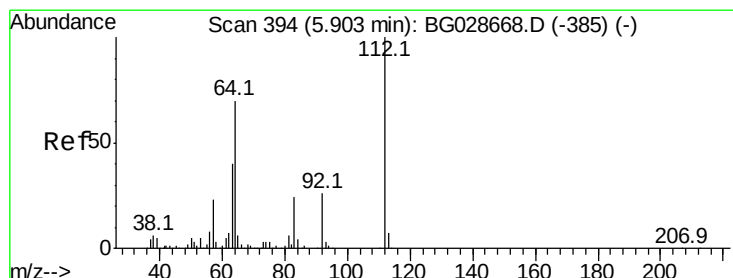
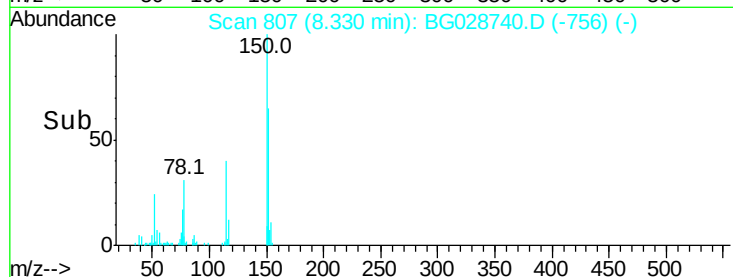
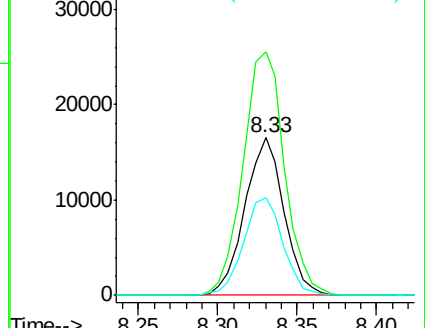
115 61.9 48.1 72.1



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: 118.307 ng

RT: 5.90 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

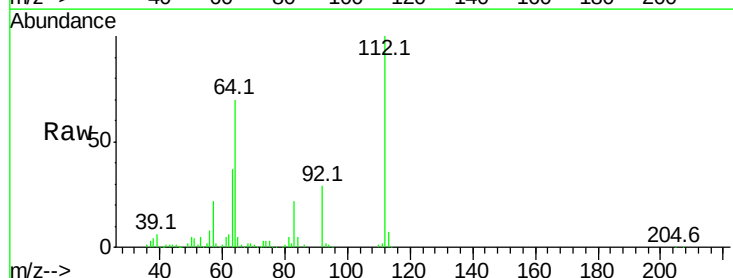
Tgt Ion:112 Resp: 203008

Ion Ratio Lower Upper

112 100

64 70.0 61.8 92.6

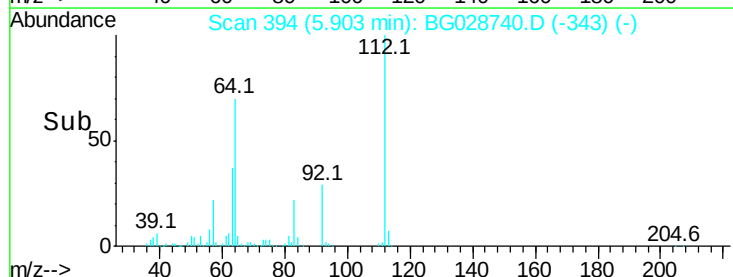
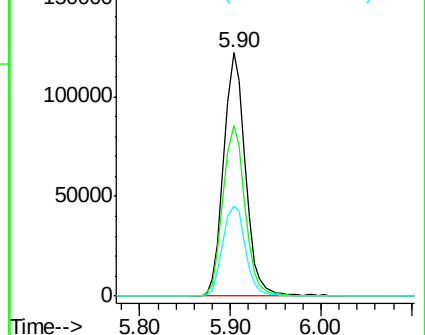
63 36.8 37.2 55.8#

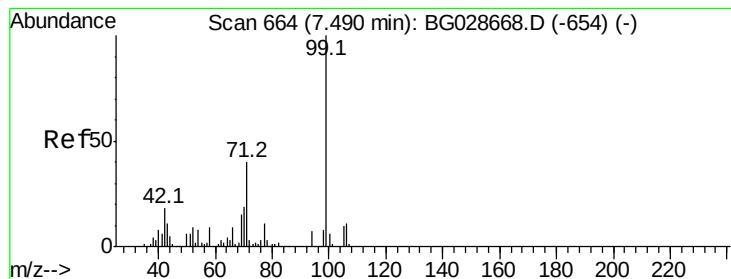


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 93.576 ng

RT: 7.48 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

SP-2

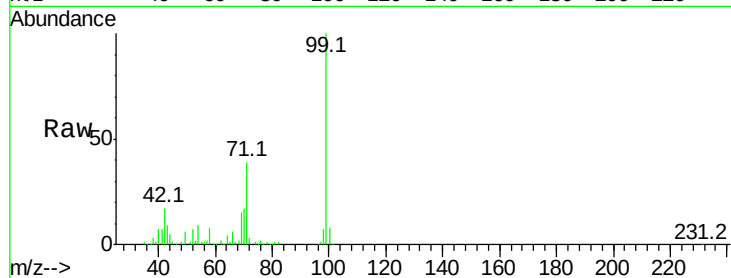
Tot Ion: 99 Resp: 241759

Ion Ratio Lower Upper

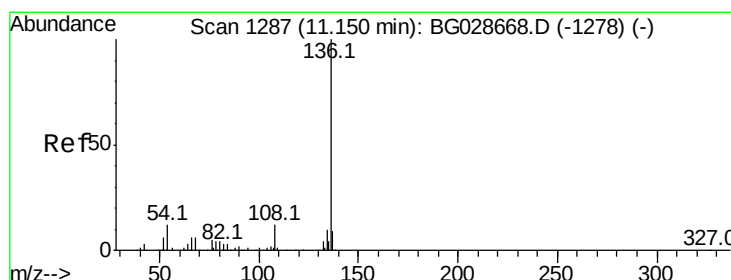
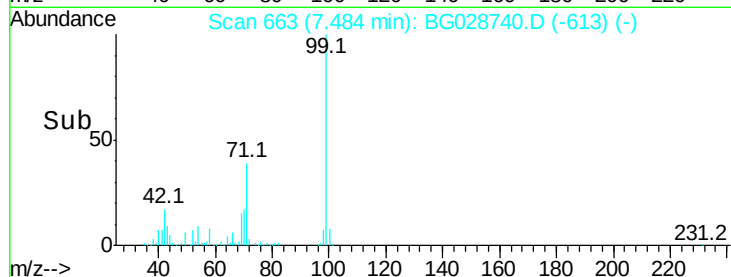
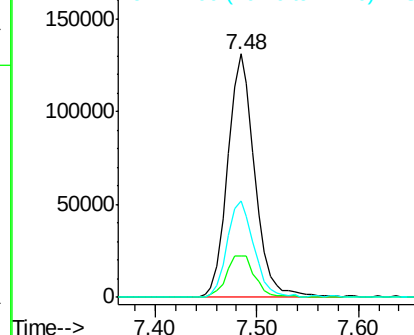
99 100

42 17.0 20.5 30.7#

71 39.4 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# 1287

Delta R.T. 0.00 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Tgt Ion: 136 Resp: 109264

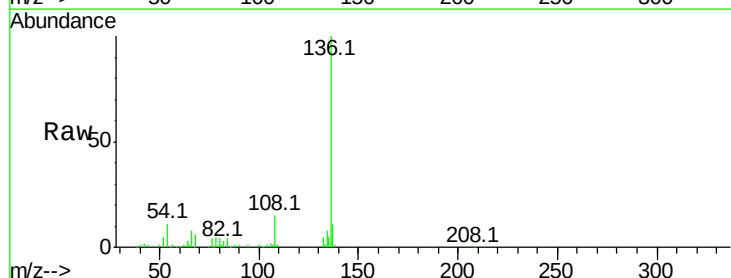
Ion Ratio Lower Upper

136 100

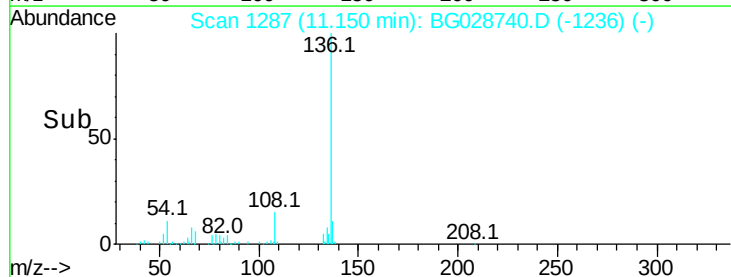
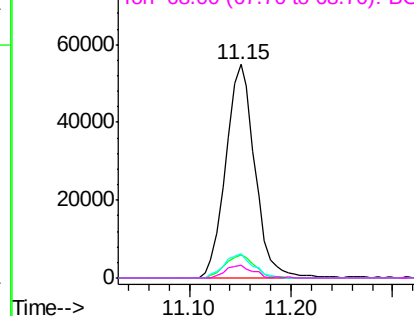
137 11.1 8.9 13.3

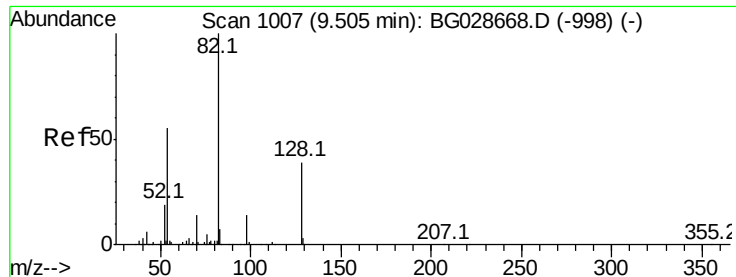
54 11.2 9.3 13.9

68 5.9 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

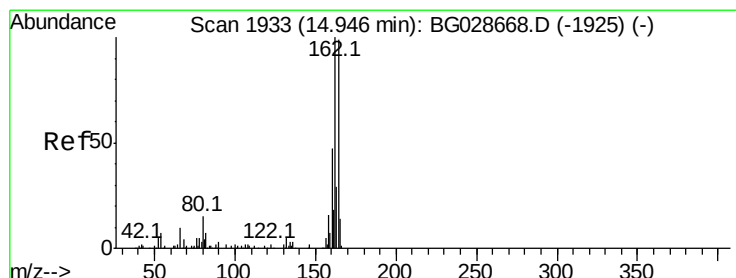
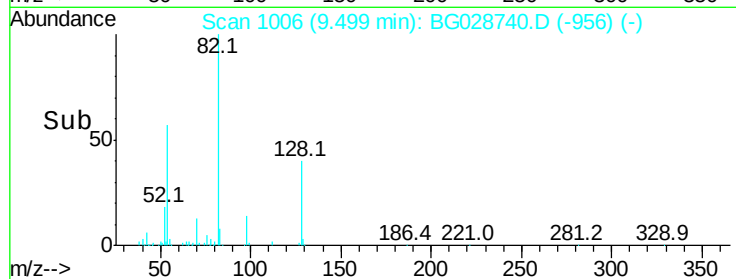
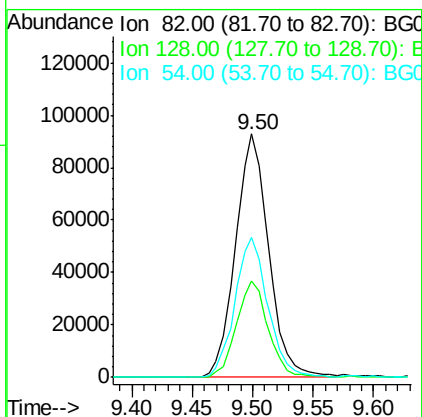
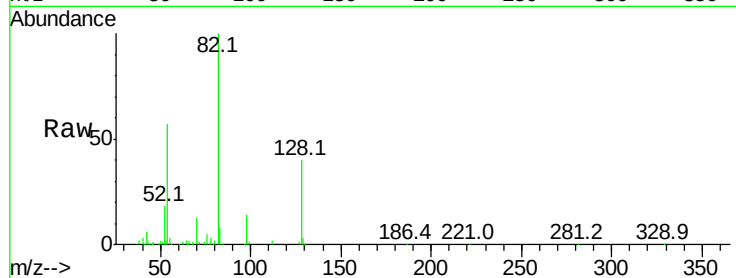




#23
 Nitrobenzene-d5
 Concen: 77.967 ng
 RT: 9.50 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

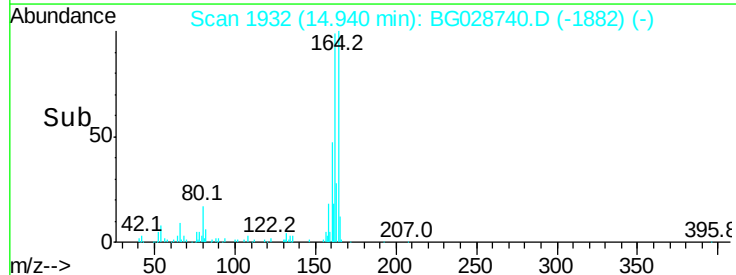
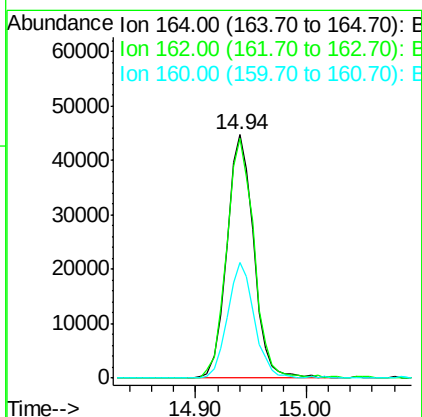
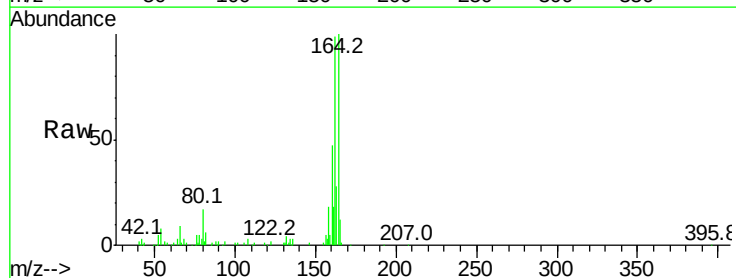
Instrument :
 BNA_G
 ClientSampleId :
 SP-2

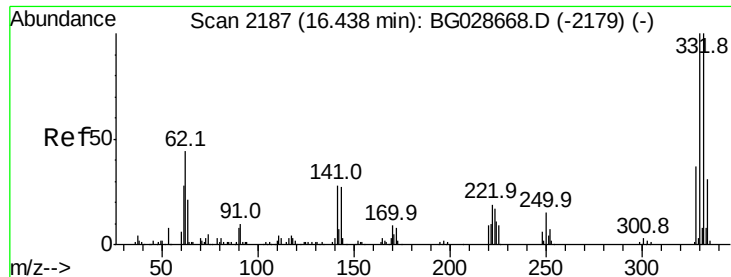
Tot Ion: 82 Resp: 178083
 Ion Ratio Lower Upper
 82 100
 128 39.8 26.4 39.6#
 54 57.2 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.94 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

Tgt Ion: 164 Resp: 75897
 Ion Ratio Lower Upper
 164 100
 162 98.7 85.1 127.7
 160 47.3 34.7 52.1

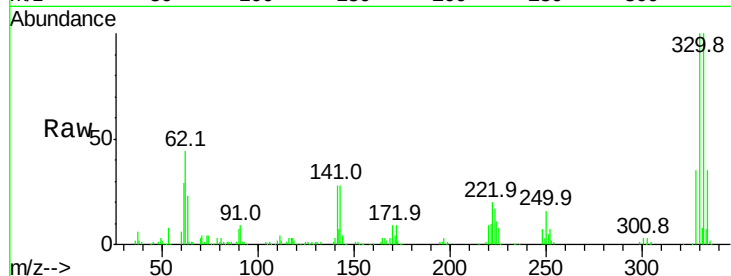




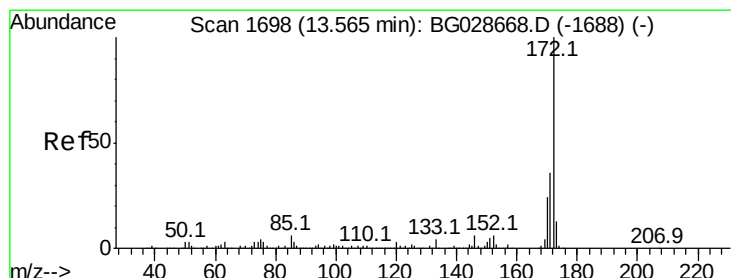
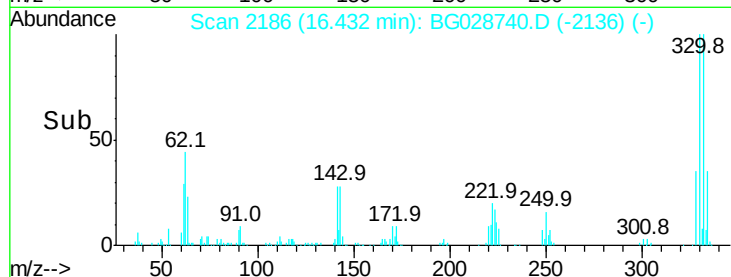
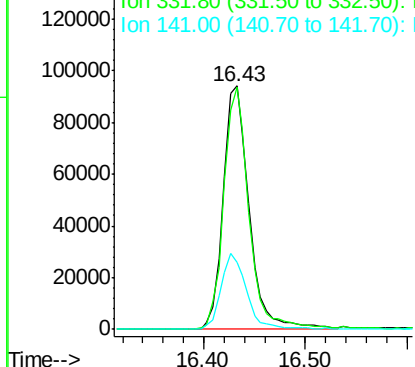
#41
 2,4,6-Tribromophenol
 Concen: 133.380 ng
 RT: 16.43 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

Instrument :
 BNA_G
 ClientSampleId :
 SP-2

Tot Ion:330 Resp: 167430
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 30.3 32.1 48.1#

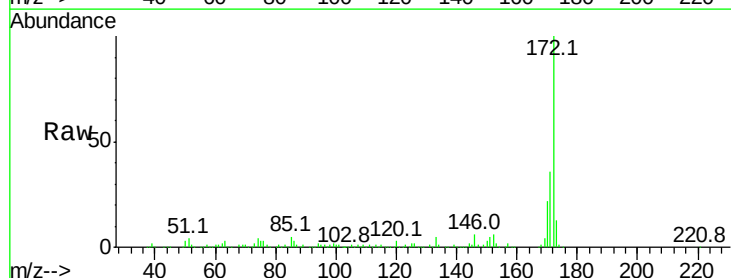


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

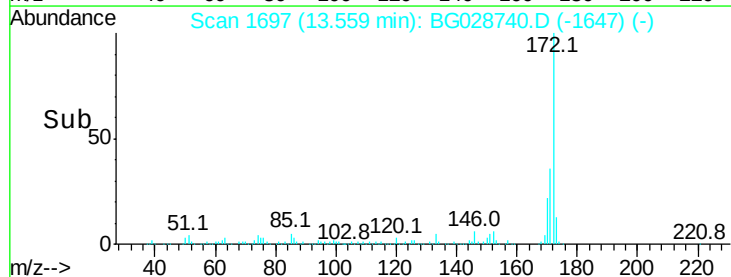
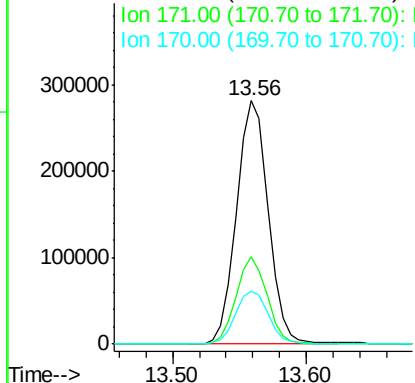


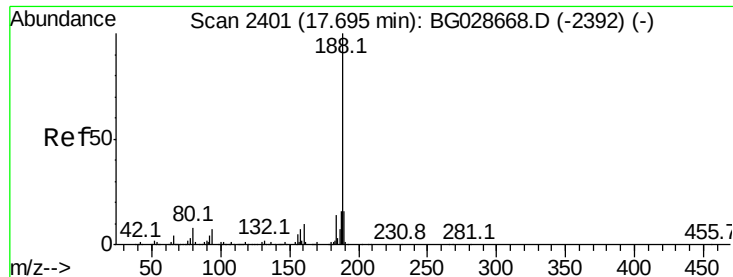
#44
 2-Fluorobiphenyl
 Concen: 81.609 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG028740.D
 Acq: 14 Sep 2017 20:01

Tgt Ion:172 Resp: 464512
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 21.9 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. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

SP-2

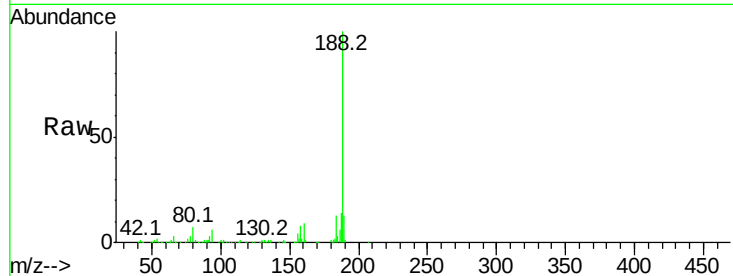
Tot Ion:188 Resp: 231838

Ion Ratio Lower Upper

188 100

94 5.6 5.8 8.8#

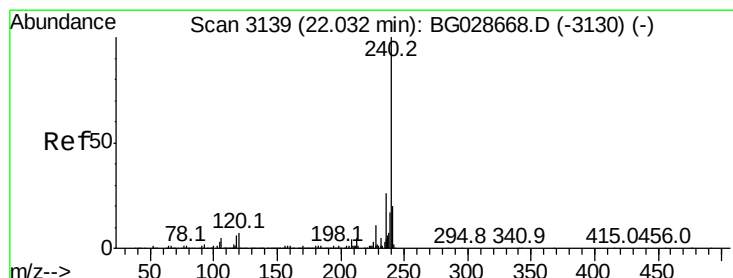
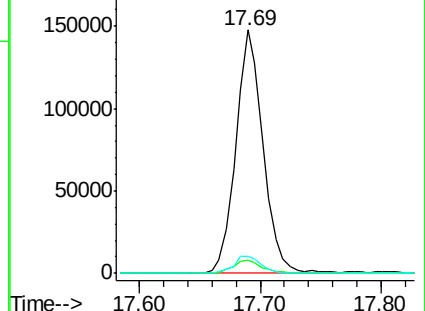
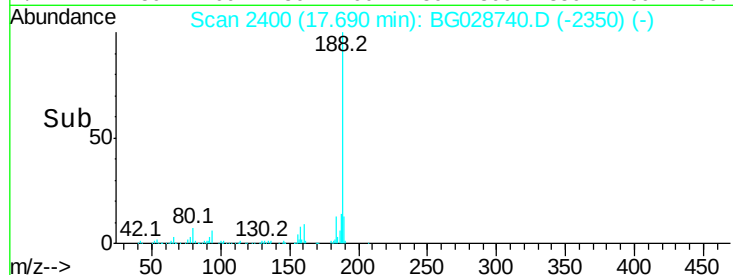
80 7.1 7.5 11.3#



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: 22.02 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

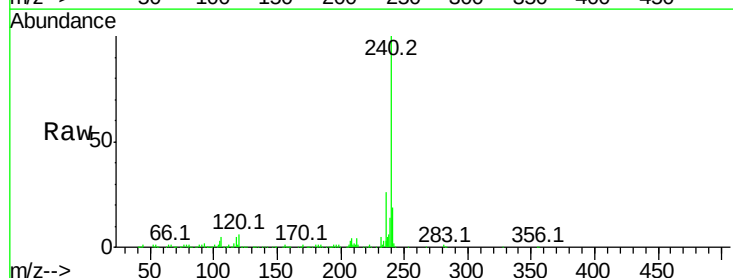
Tgt Ion:240 Resp: 272753

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

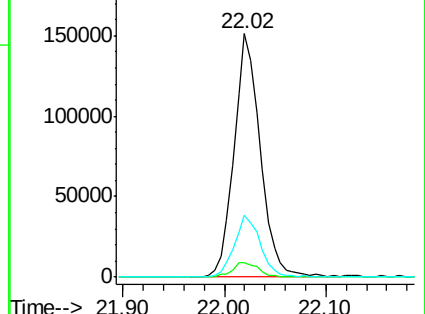
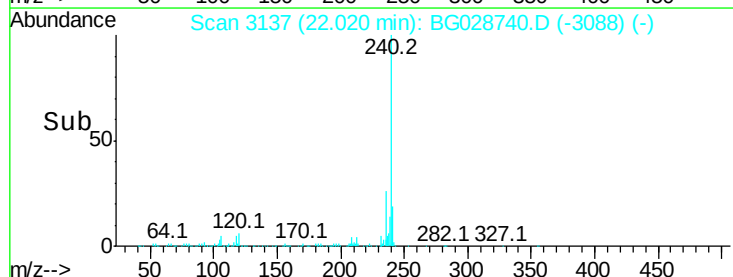
236 25.6 22.2 33.4

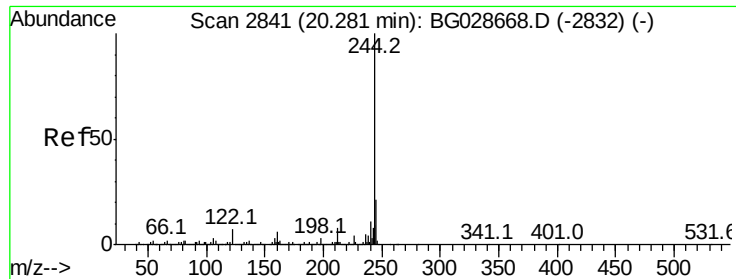


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.998 ng

RT: 20.27 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Instrument :

BNA_G

ClientSampleId :

SP-2

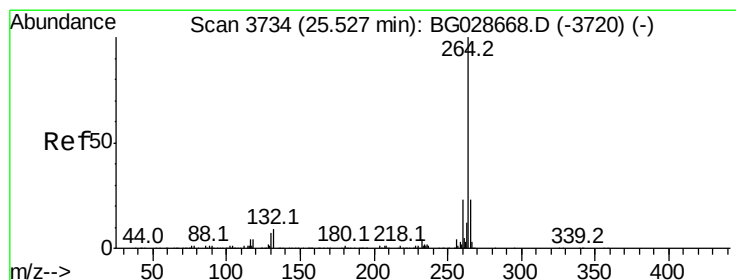
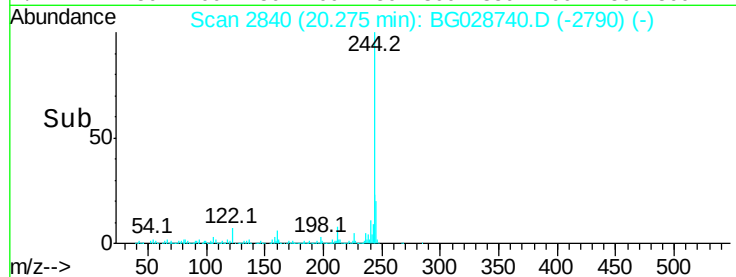
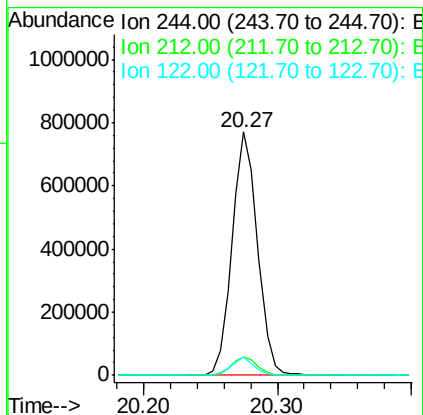
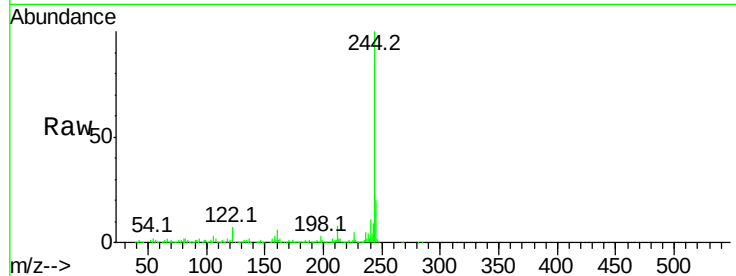
Tot Ion:244 Resp: 1023160

Ion Ratio Lower Upper

244 100

212 7.6 10.0 15.0#

122 7.4 8.6 12.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.52 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG028740.D

Acq: 14 Sep 2017 20:01

Tgt Ion:264 Resp: 274270

Ion Ratio Lower Upper

264 100

260 23.2 21.8 32.8

265 20.4 18.2 27.4

