

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035191.D
 Acq On : 16 Jun 2018 3:28
 Operator : SJ/JU
 Sample : PB110191BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BL

Quant Time: Jun 16 04:14:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	42563	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	161315	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	120824	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	357580	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	400540	20.00	ng	-0.02
86) Perylene-d12	24.92	264	340904	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380938	151.04	ng	-0.01
7) Phenol-d6	7.22	99	564955	151.77	ng	0.00
23) Nitrobenzene-d5	9.22	82	358614	105.67	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	265955	171.95	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	884487	95.17	ng	-0.02
78) Terphenyl-d14	20.04	244	1766798	92.40	ng	-0.01

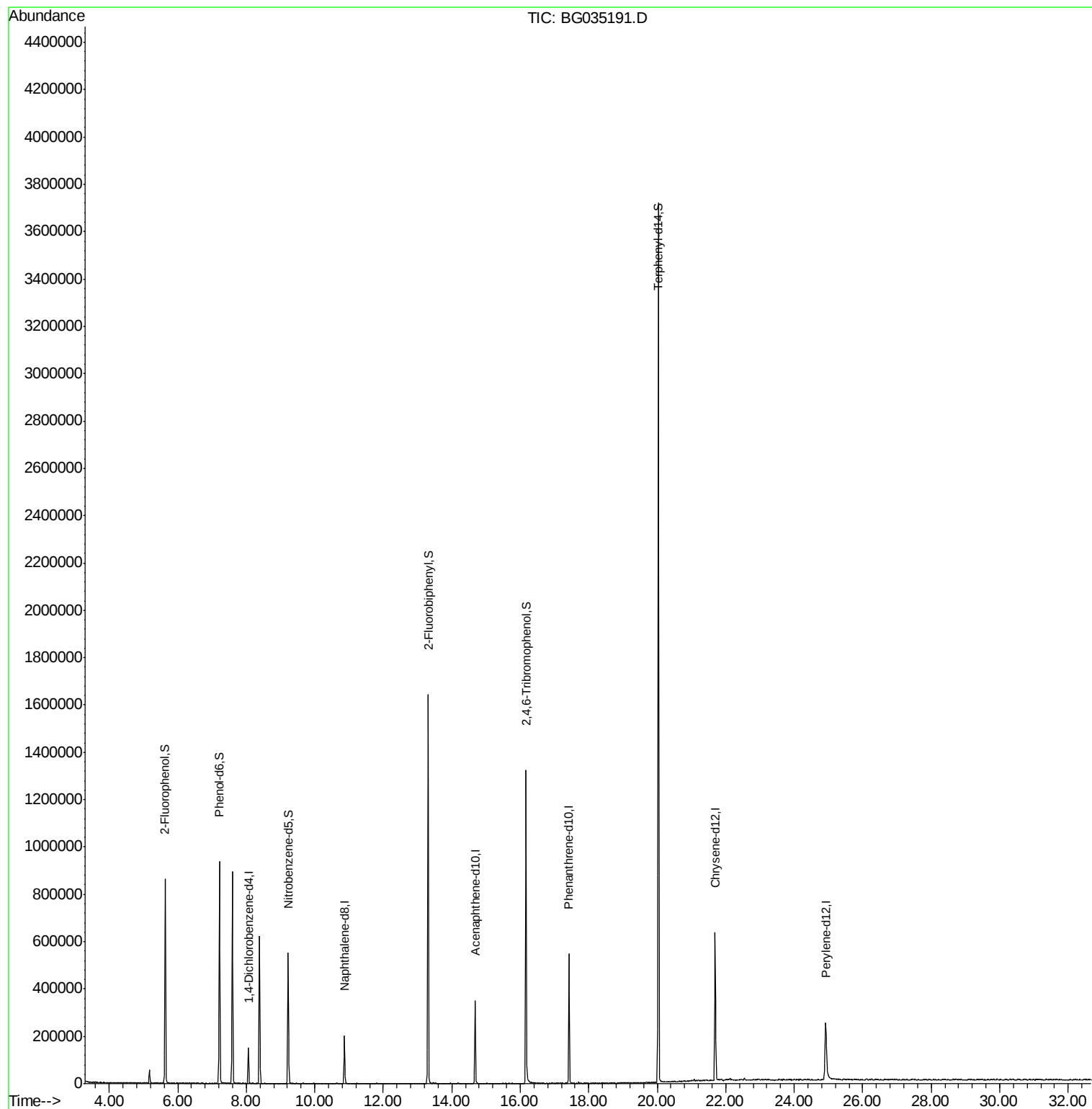
Target Compounds Qvalue

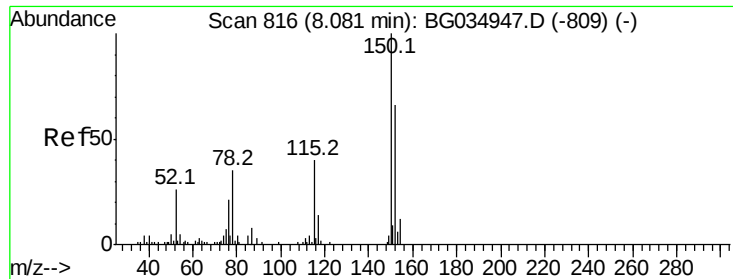
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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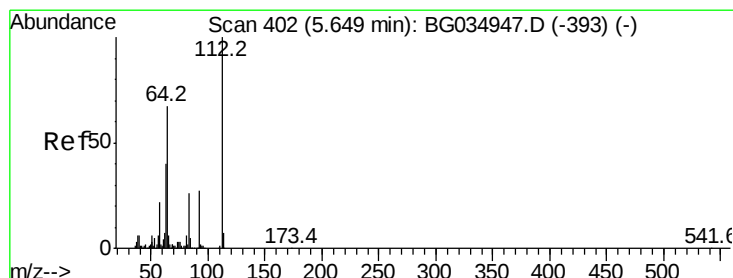
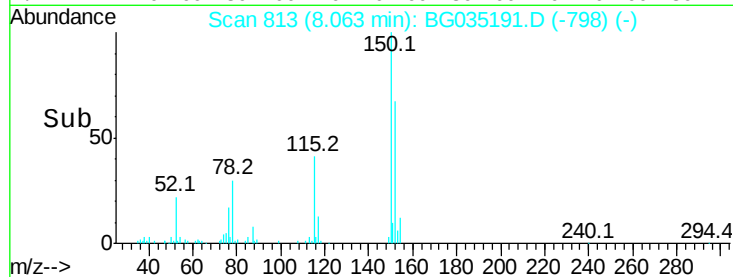
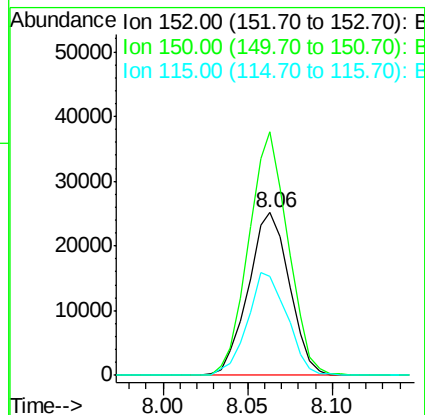
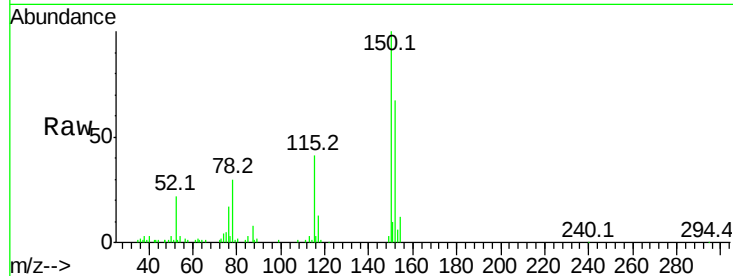


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035191.D
Acq: 16 Jun 2018 3:28

Instrument :
BNA_G
ClientSampleId :
PB110191BL

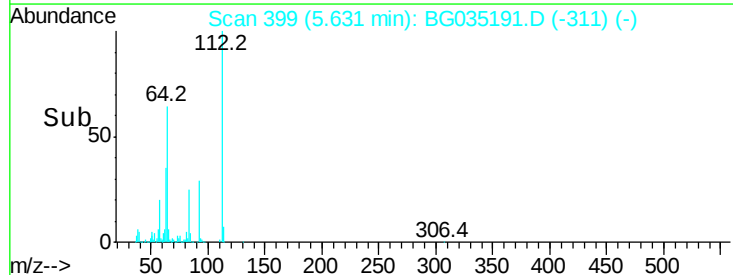
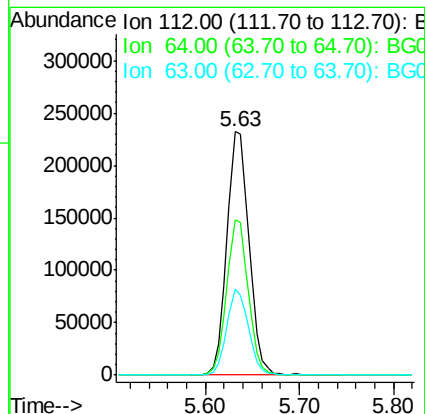
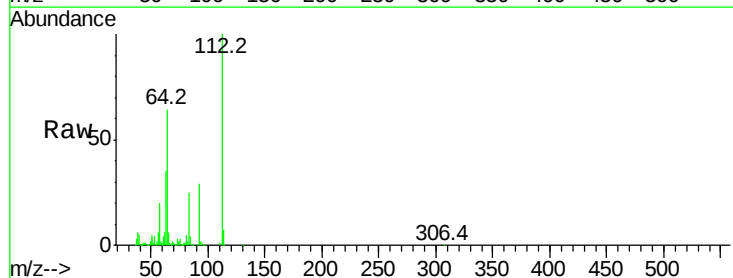
Tot Ion:152 Resp: 42563
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 61.1 53.0 79.4

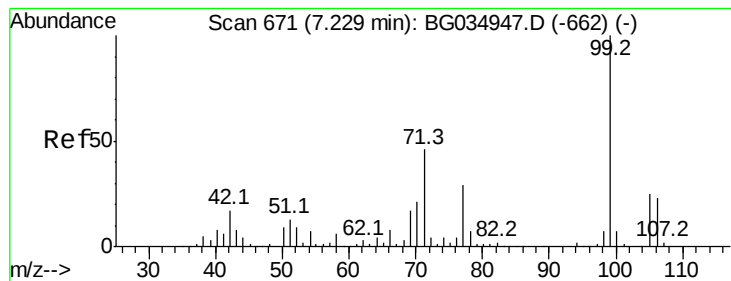


#5

2-Fluorophenol
Concen: 151.041 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035191.D
Acq: 16 Jun 2018 3:28

Tgt Ion:112 Resp: 380938
Ion Ratio Lower Upper
112 100
64 63.7 56.3 84.5
63 35.5 30.1 45.1





#7

Phenol-d6

Concen: 151.769 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampleId :

PB110191BL

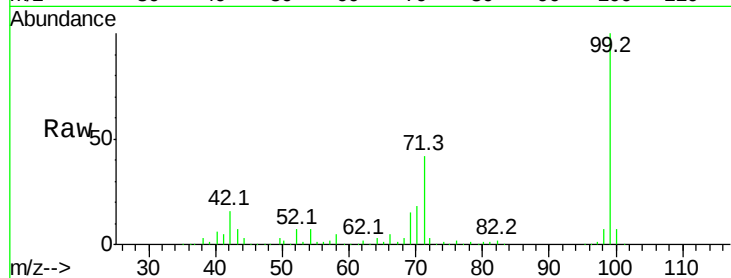
Tot Ion: 99 Resp: 564955

Ion Ratio Lower Upper

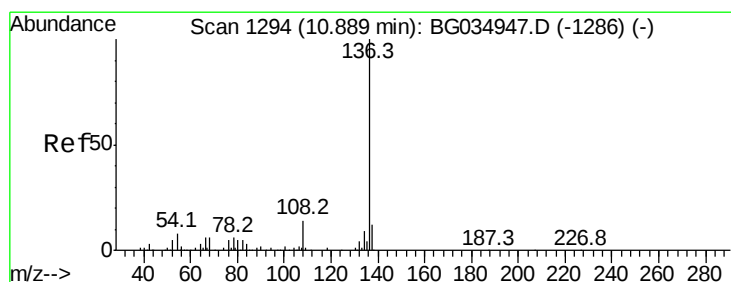
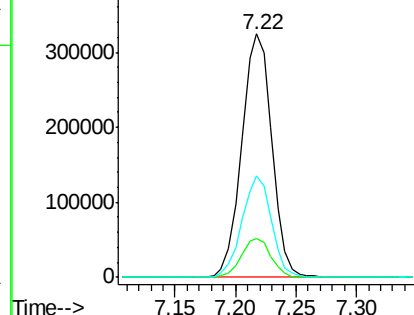
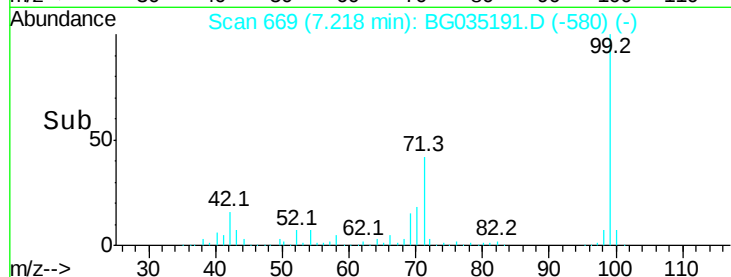
99 100

42 15.9 14.1 21.1

71 41.9 26.1 39.1#



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: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Tgt Ion: 136 Resp: 161315

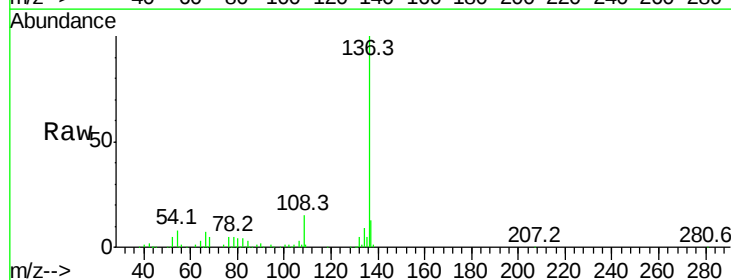
Ion Ratio Lower Upper

136 100

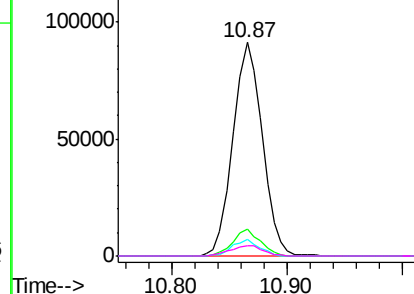
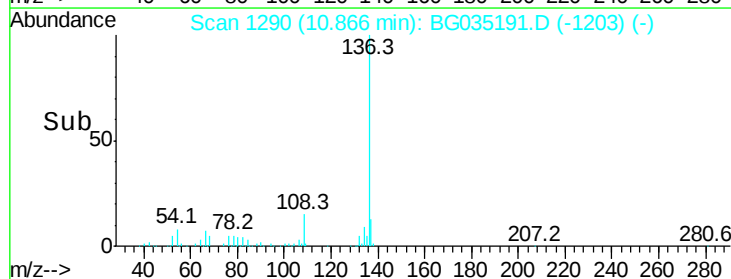
137 12.8 9.2 13.8

54 7.8 10.3 15.5#

68 5.0 4.5 6.7



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: 105.672 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampleId :

PB110191BL

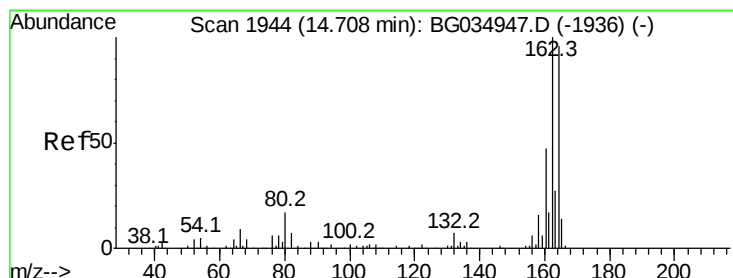
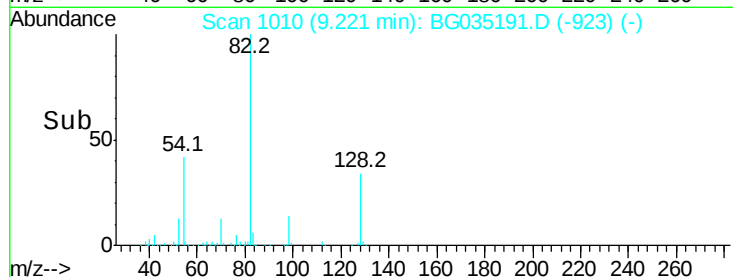
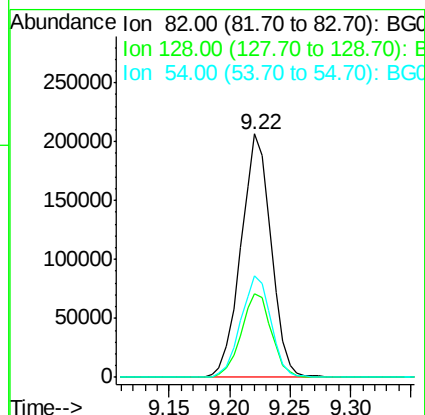
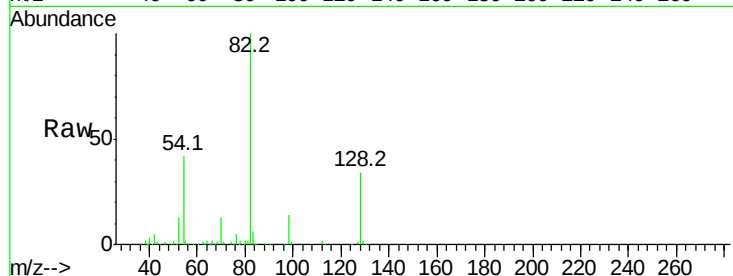
Tot Ion: 82 Resp: 358614

Ion Ratio Lower Upper

82 100

128 34.3 29.7 44.5

54 41.6 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

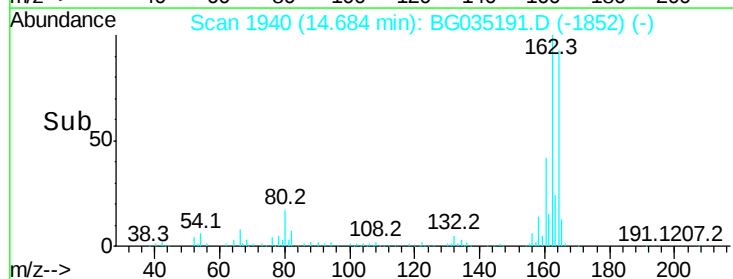
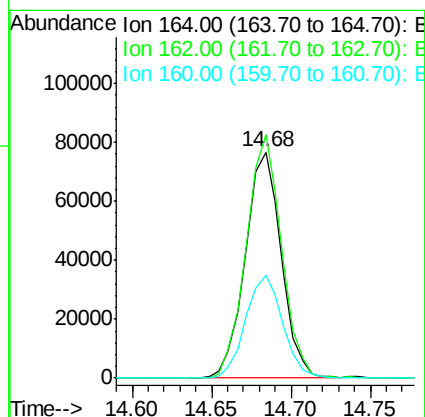
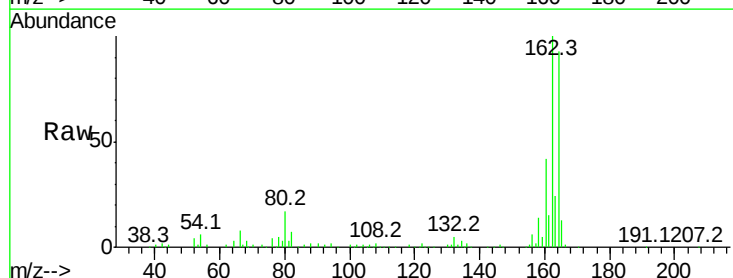
Tgt Ion: 164 Resp: 120824

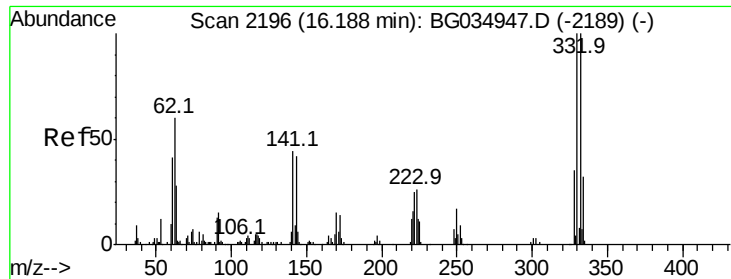
Ion Ratio Lower Upper

164 100

162 107.8 78.8 118.2

160 45.8 35.4 53.0

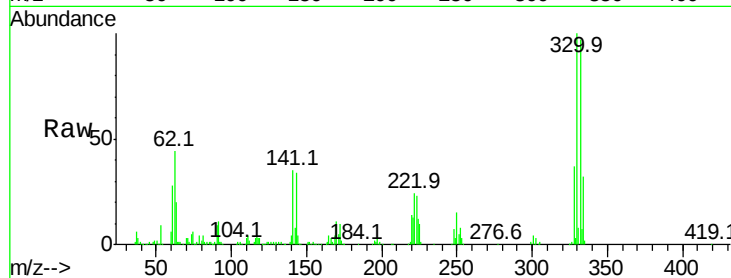




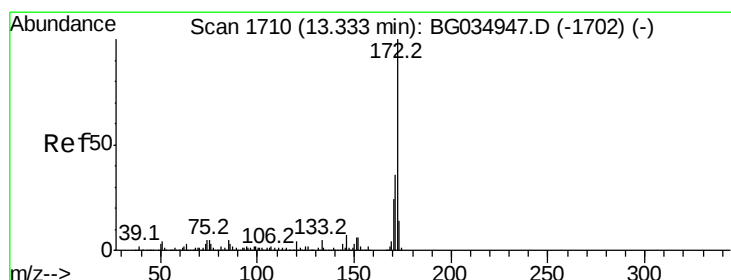
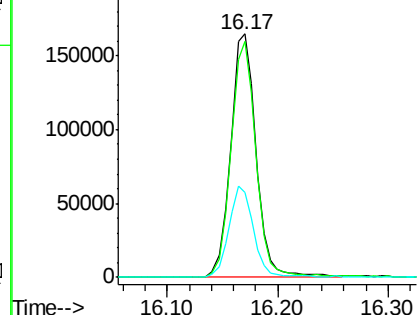
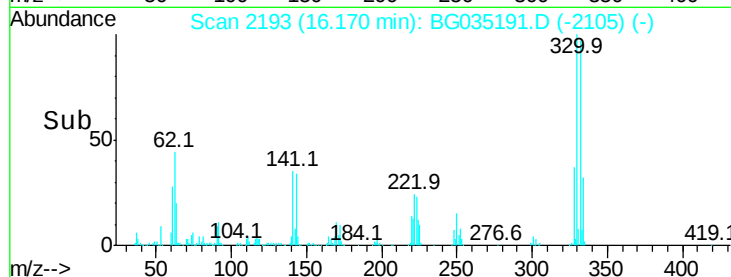
#41
 2,4,6-Tribromophenol
 Concen: 171.950 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

Instrument :
 BNA_G
 ClientSampleId :
 PB110191BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	36.4	25.2	37.8

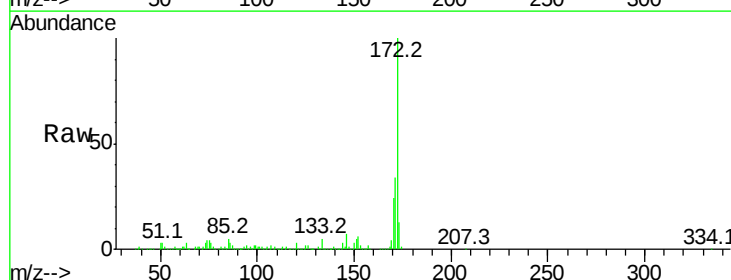


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

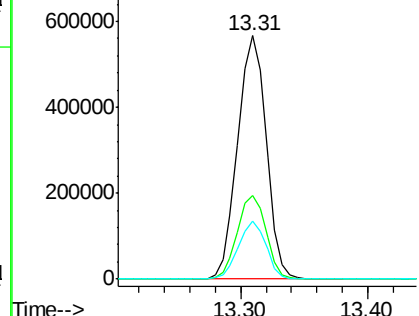
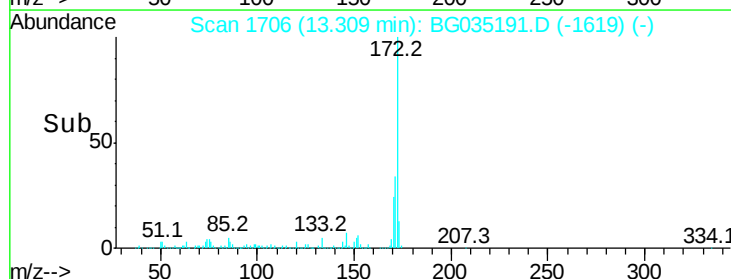


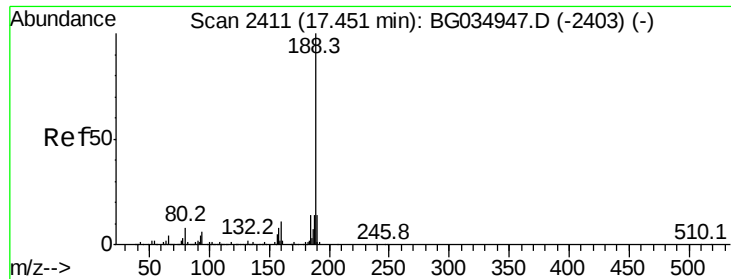
#44
 2-Fluorobiphenyl
 Concen: 95.166 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035191.D
 Acq: 16 Jun 2018 3:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	23.7	19.5	29.3



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

BNA_G

ClientSampleId :

PB110191BL

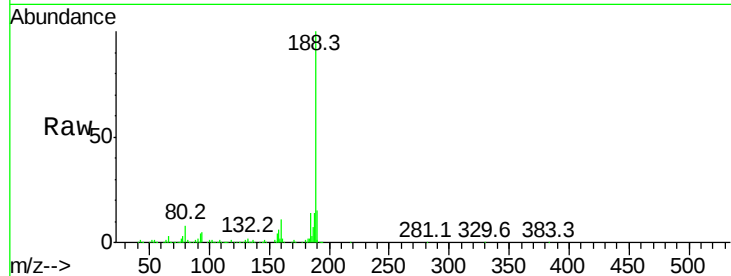
Tot Ion:188 Resp: 357580

Ion Ratio Lower Upper

188 100

94 5.0 6.9 10.3#

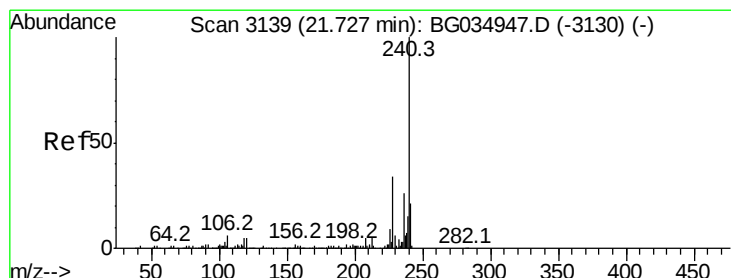
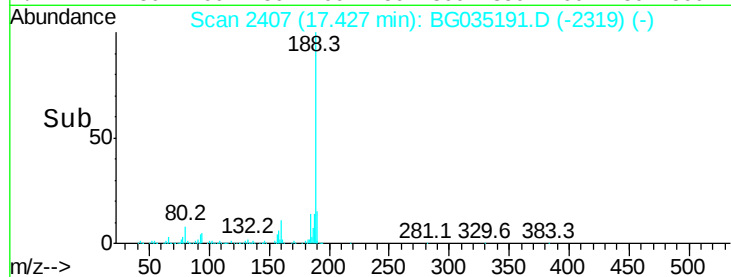
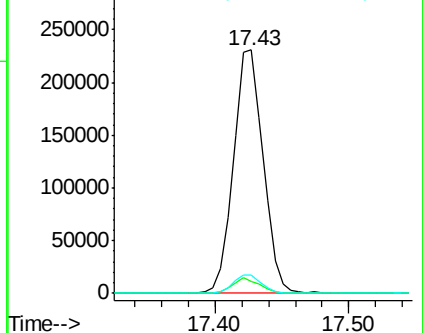
80 7.7 7.7 11.5



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: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

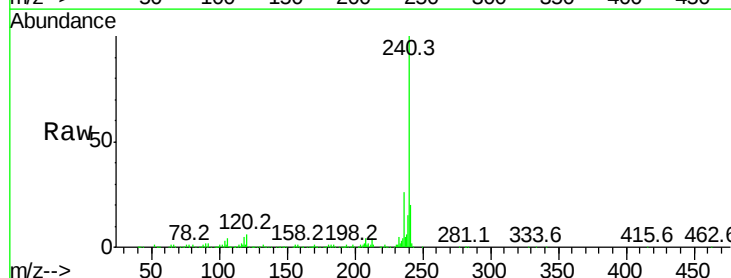
Tgt Ion:240 Resp: 400540

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

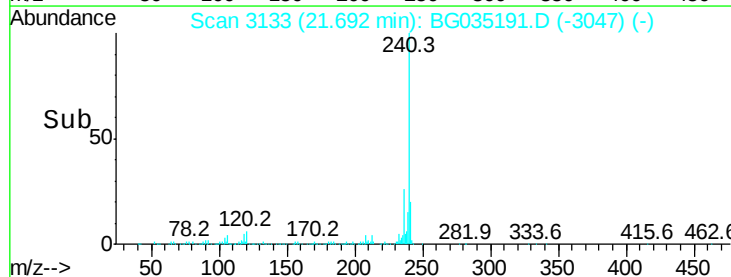
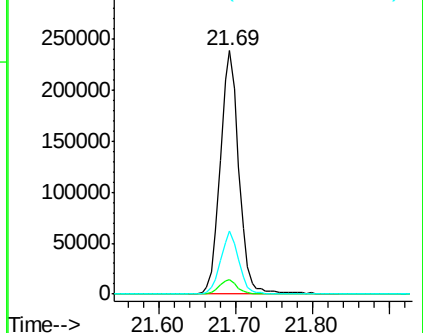
236 25.8 20.9 31.3



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: 92.397 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

Instrument :

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PB110191BL

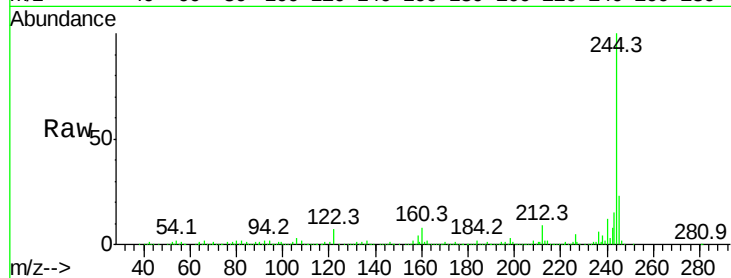
Tot Ion:244 Resp: 1766798

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

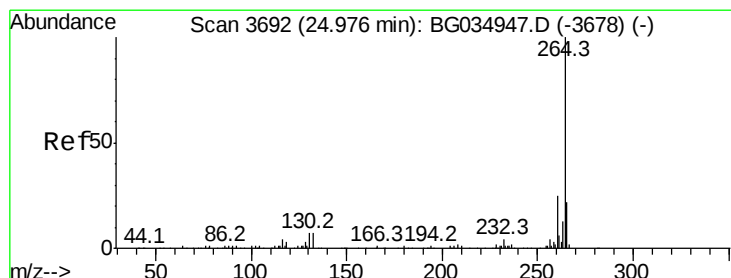
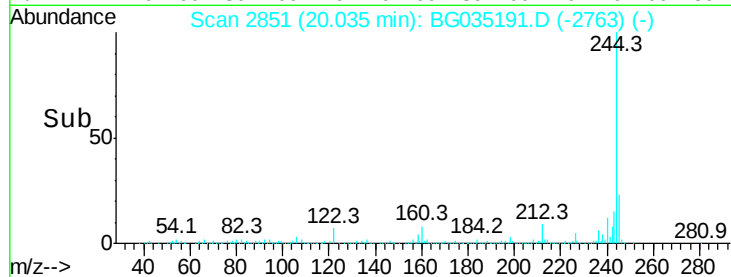
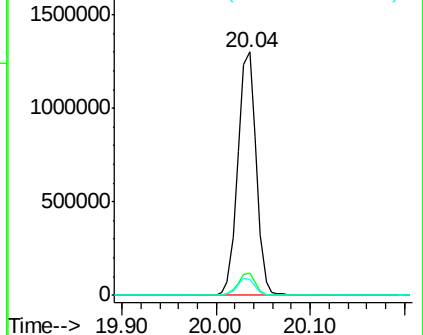
122 6.6 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.04 min

Lab File: BG035191.D

Acq: 16 Jun 2018 3:28

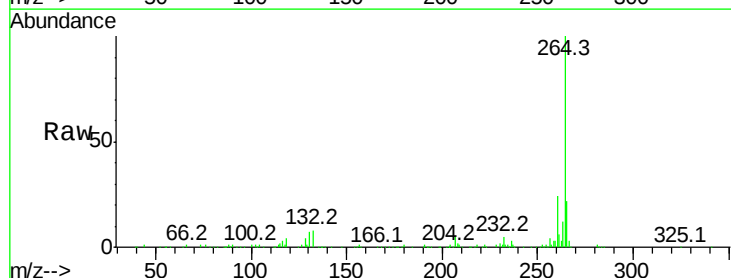
Tgt Ion:264 Resp: 340904

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

