

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035568.D
 Acq On : 3 Jul 2018 2:09
 Operator : JU/SJ
 Sample : PB110762BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110762BL

Quant Time: Jul 03 05:43:10 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	8.07	152	37651	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	136846	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	101512	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	285510	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	316205	20.00	ng	-0.03
86) Perylene-d12	24.92	264	292334	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	315457	141.40	ng	0.00
7) Phenol-d6	7.23	99	457230	138.85	ng	0.00
23) Nitrobenzene-d5	9.23	82	294466	102.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	197132	151.70	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	711019	91.06	ng	-0.02
78) Terphenyl-d14	20.03	244	1382830	91.60	ng	-0.02

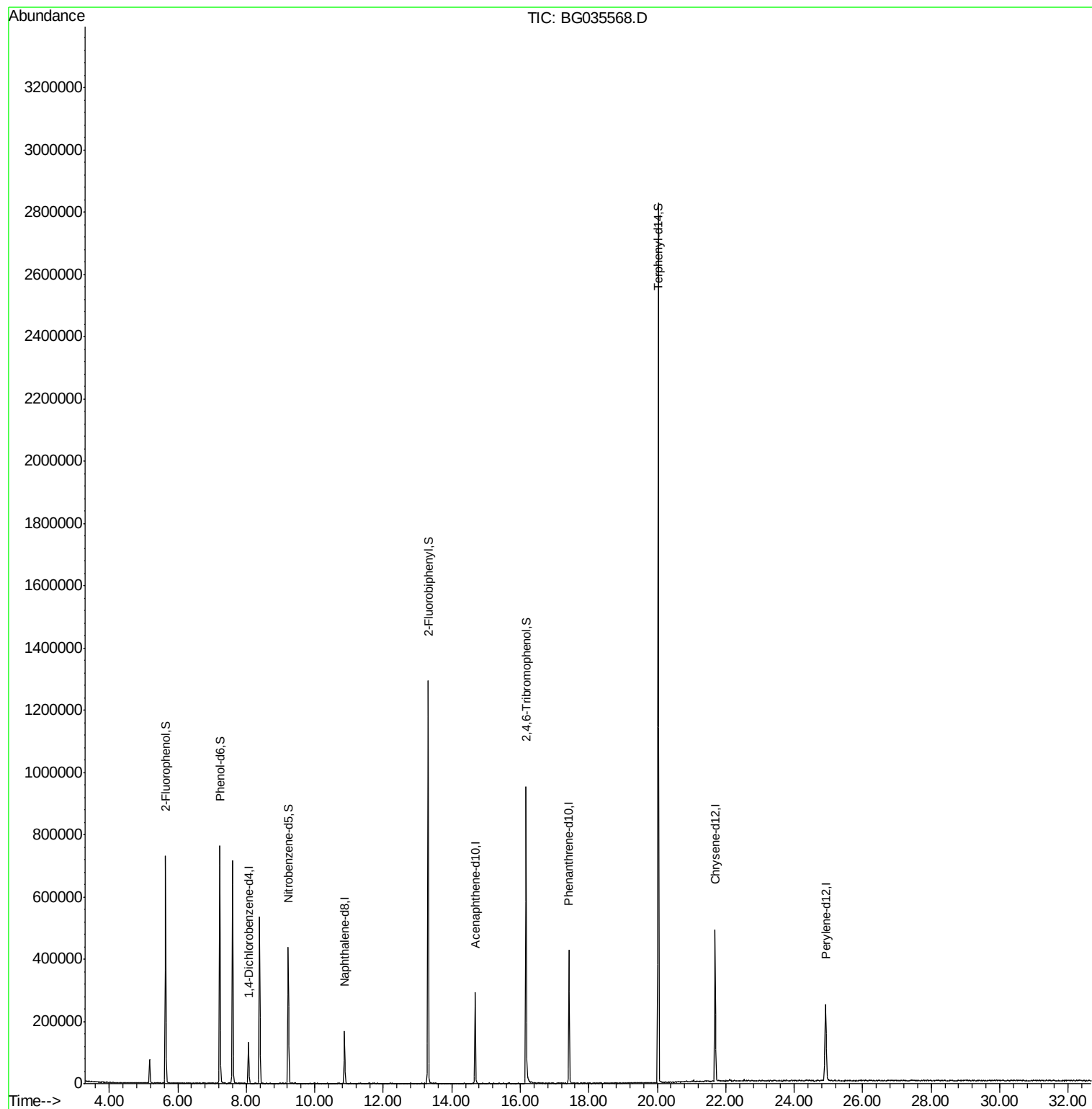
Target Compounds Qvalue

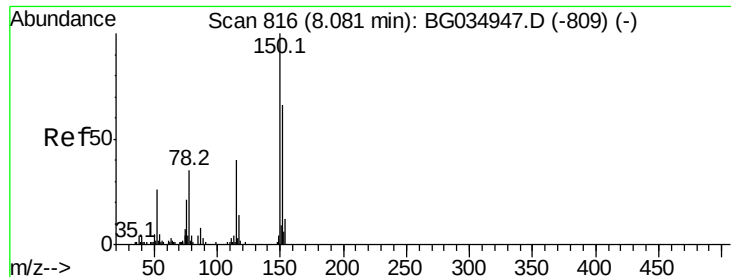
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.01 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB110762BL

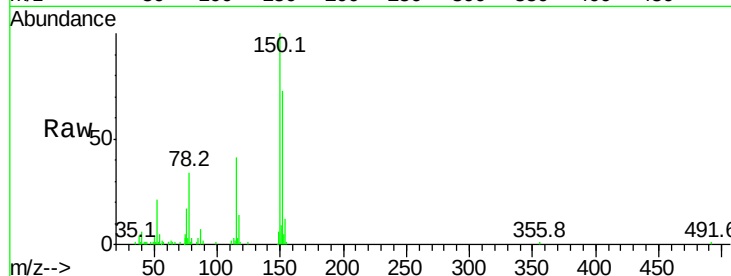
Tot Ion:152 Resp: 37651

Ion Ratio Lower Upper

152 100

150 136.7 126.6 189.8

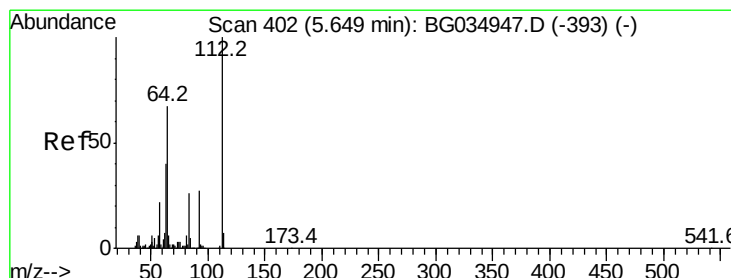
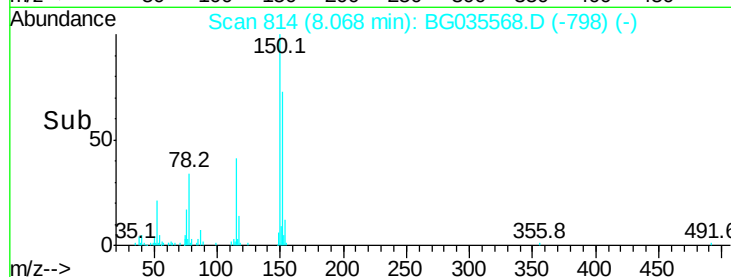
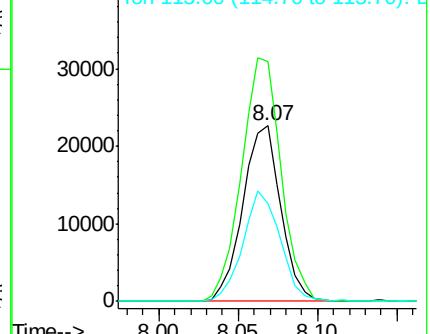
115 55.7 53.0 79.4



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: 141.395 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

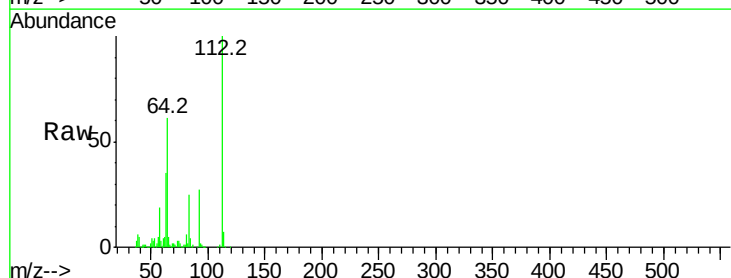
Tgt Ion:112 Resp: 315457

Ion Ratio Lower Upper

112 100

64 60.7 56.3 84.5

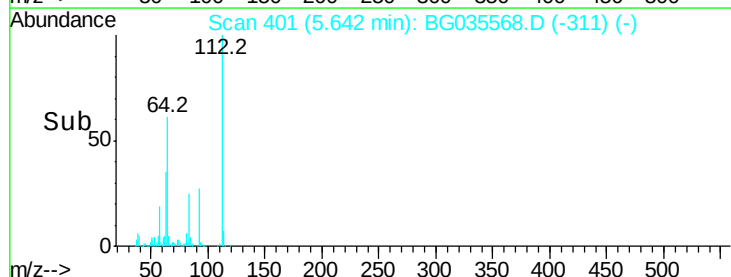
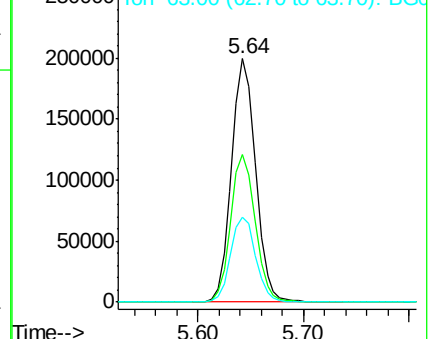
63 35.0 30.1 45.1

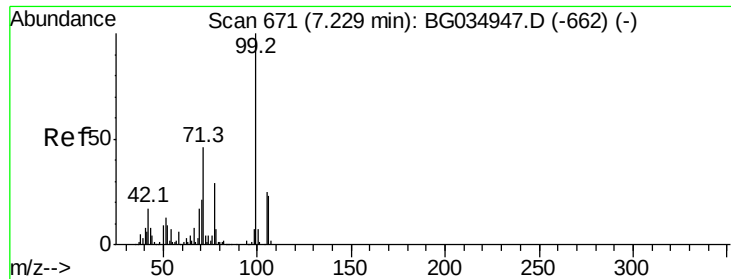


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.855 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB110762BL

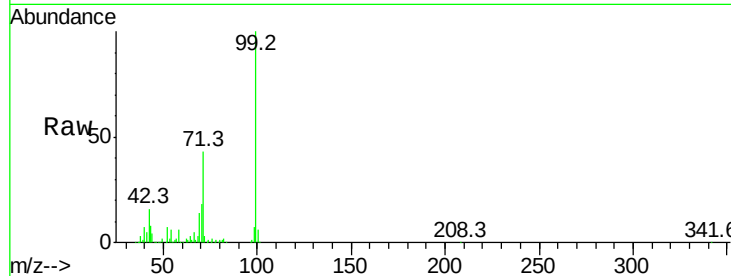
Tot Ion: 99 Resp: 457230

Ion Ratio Lower Upper

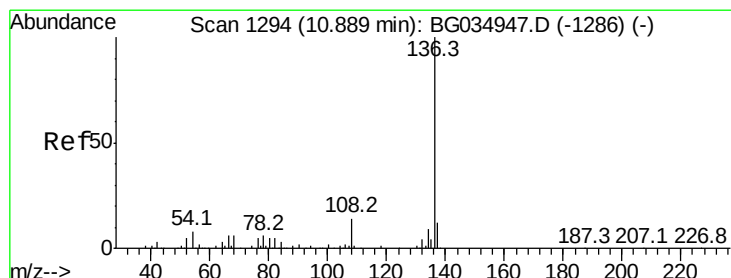
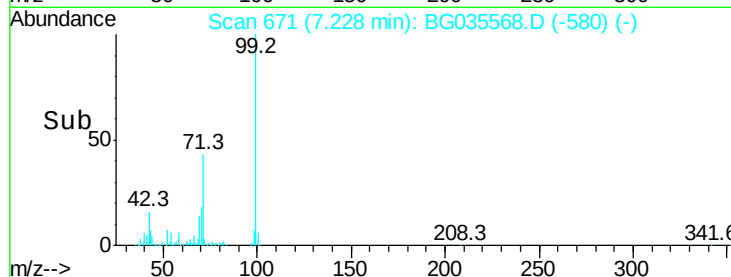
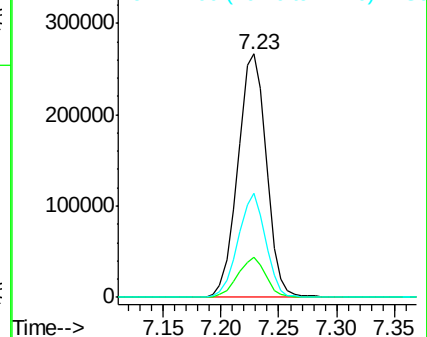
99 100

42 16.2 14.1 21.1

71 42.9 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: 10.86 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Tgt Ion: 136 Resp: 136846

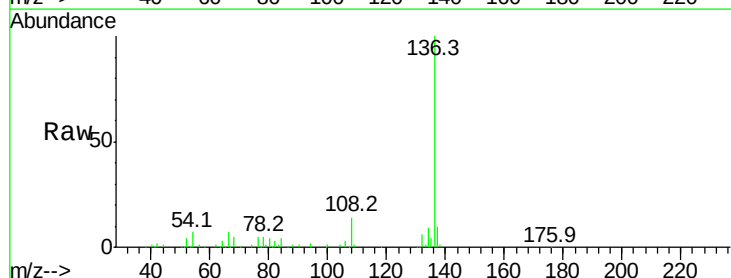
Ion Ratio Lower Upper

136 100

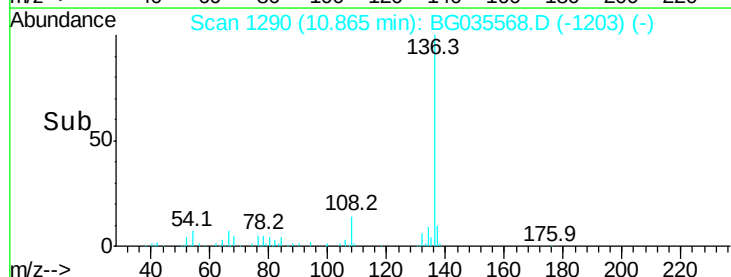
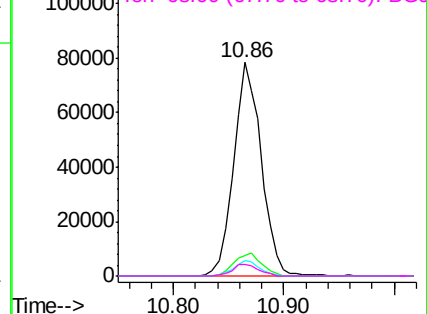
137 9.6 9.2 13.8

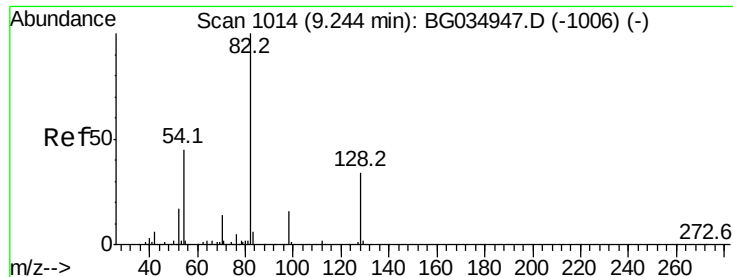
54 7.3 10.3 15.5#

68 5.4 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

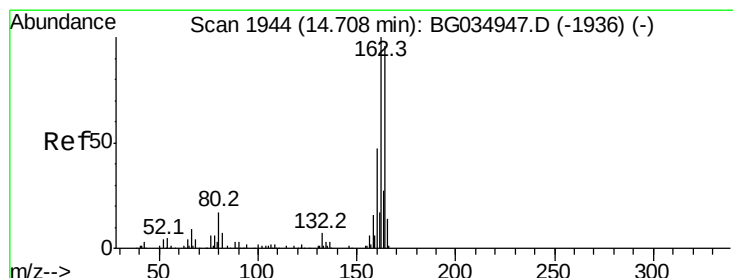
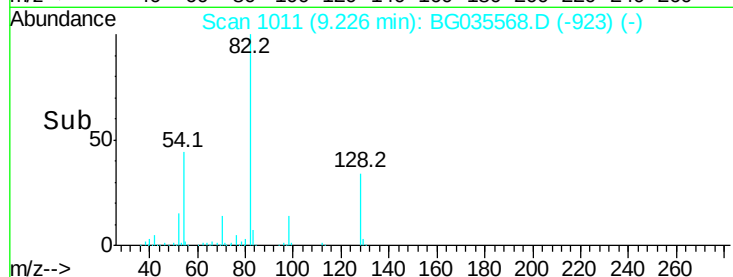
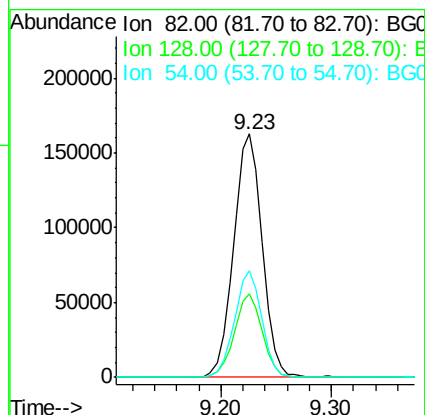
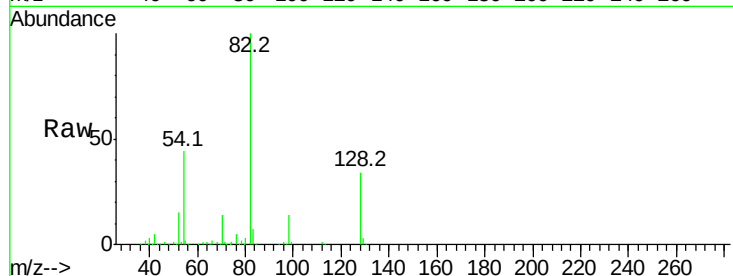




#23
 Nitrobenzene-d5
 Concen: 102.285 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

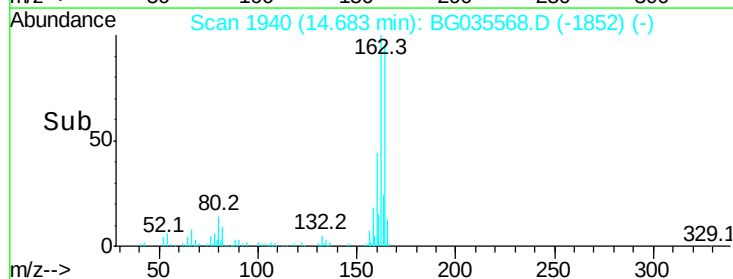
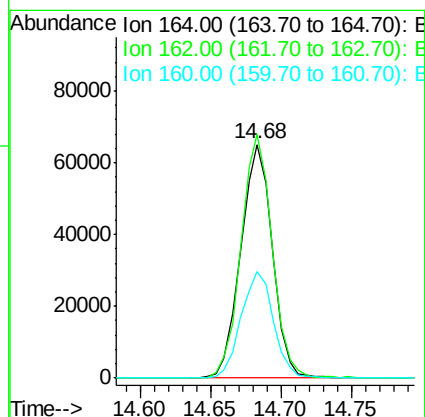
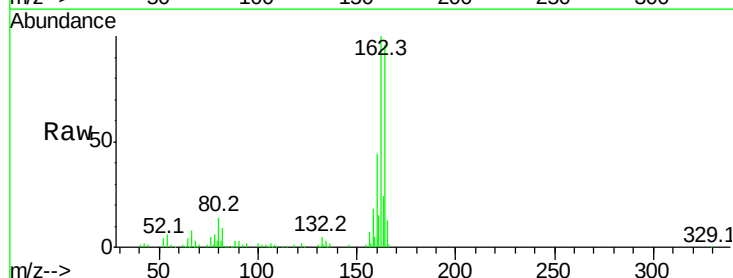
Instrument :
 BNA_G
 ClientSampleId :
 PB110762BL

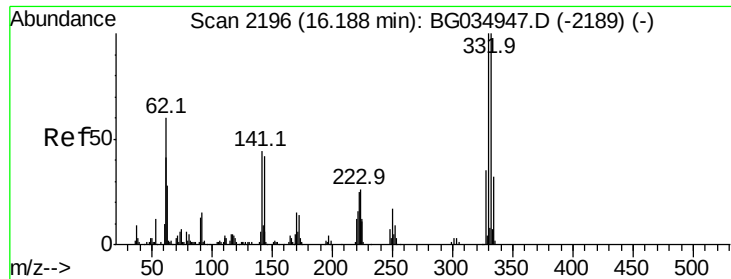
Tot Ion	82	Resp	294466
Ion Ratio	Lower	Upper	
82	100		
128	34.4	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Tgt Ion	164	Resp	101512
Ion Ratio	Lower	Upper	
164	100		
162	104.2	78.8	118.2
160	45.6	35.4	53.0

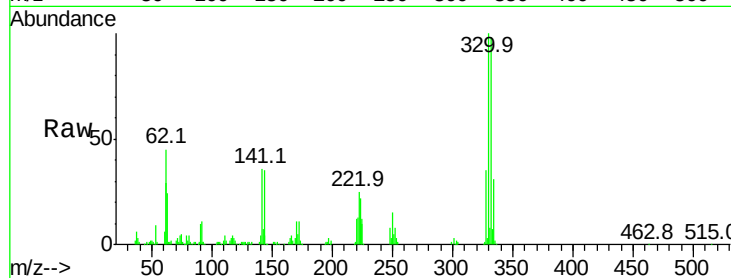




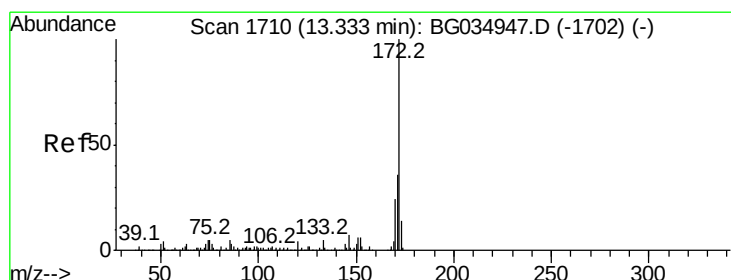
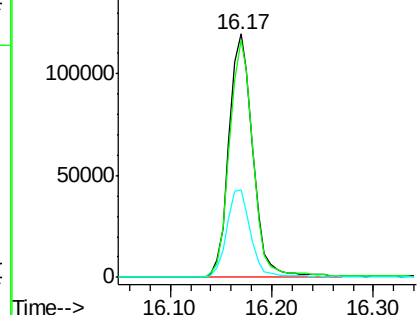
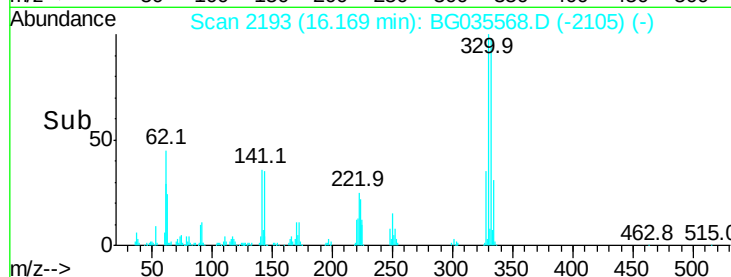
#41
 2,4,6-Tribromophenol
 Concen: 151.700 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :
 PB110762BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.1	25.2	37.8

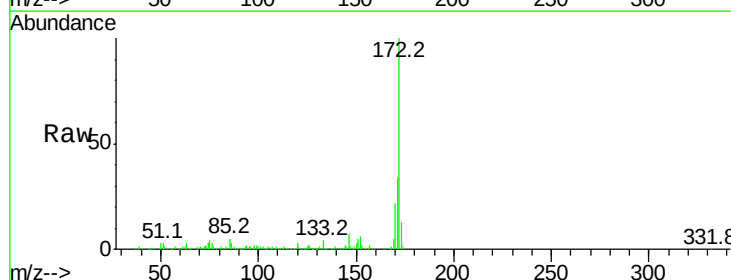


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

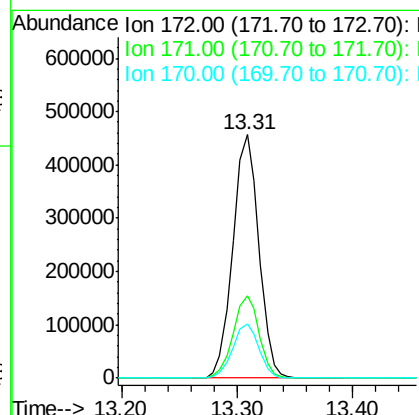
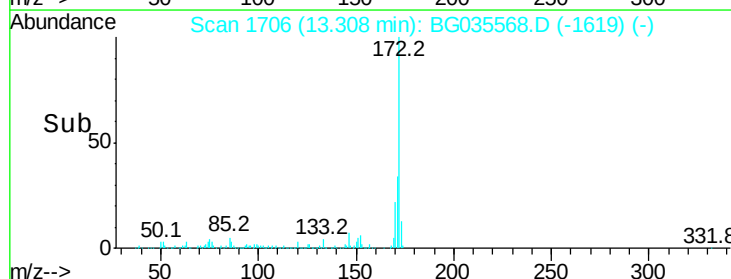


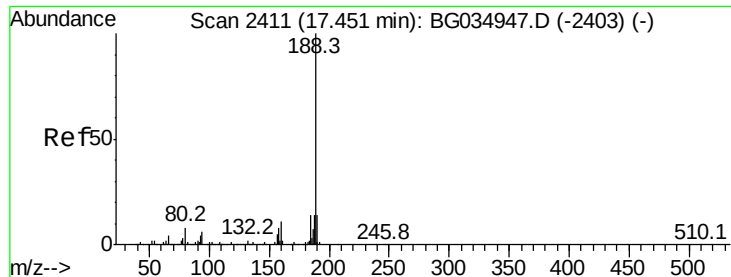
#44
 2-Fluorobiphenyl
 Concen: 91.055 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035568.D
 Acq: 3 Jul 2018 2:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	22.1	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: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB110762BL

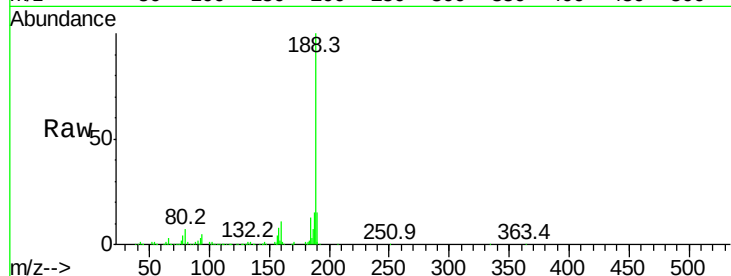
Tot Ion:188 Resp: 285510

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

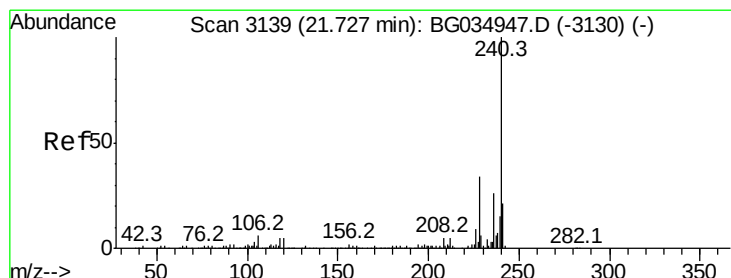
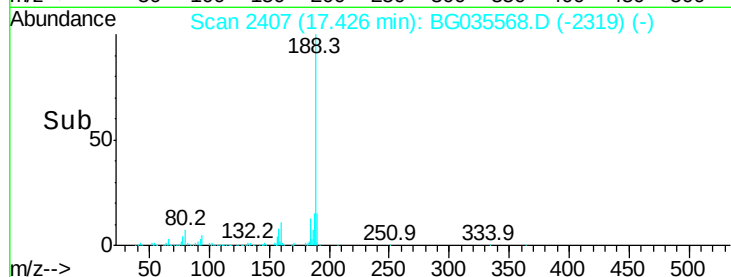
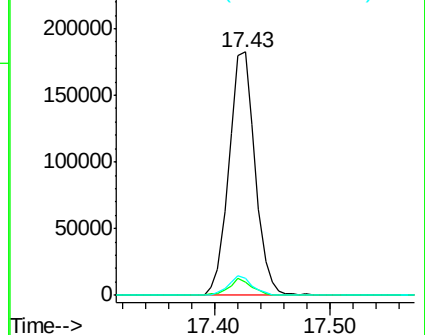
80 7.0 7.7 11.5#



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. -0.03 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

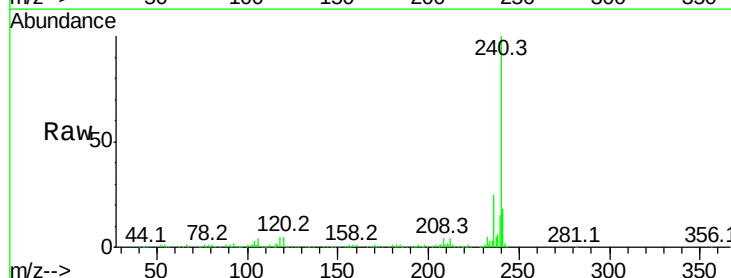
Tgt Ion:240 Resp: 316205

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

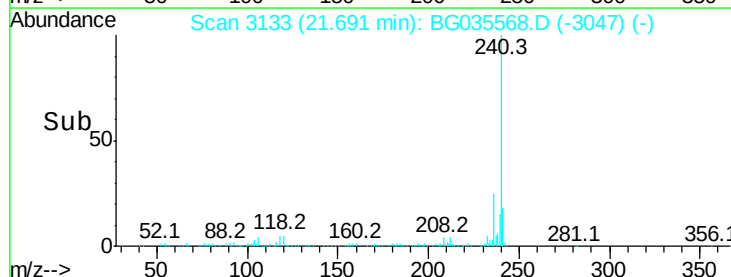
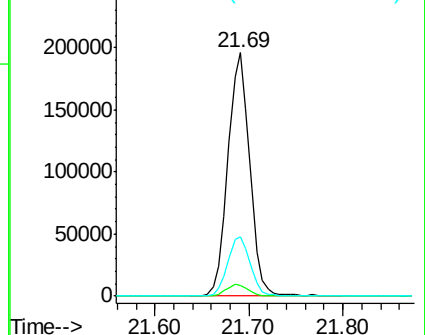
236 24.6 20.9 31.3

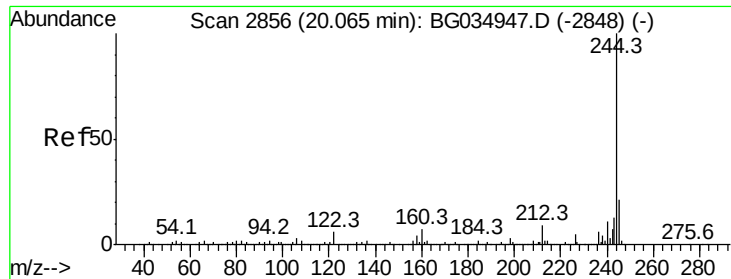


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.604 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035568.D

Acq: 3 Jul 2018 2:09

Instrument :

BNA_G

ClientSampleId :

PB110762BL

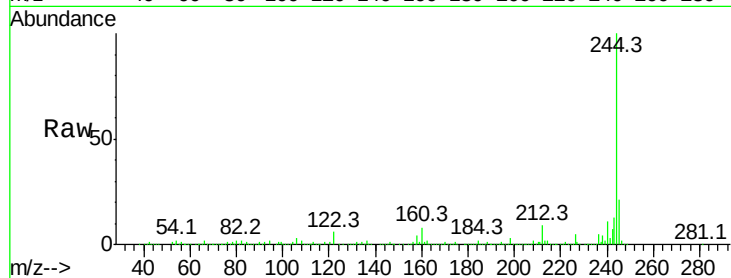
Tot Ion:244 Resp: 1382830

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

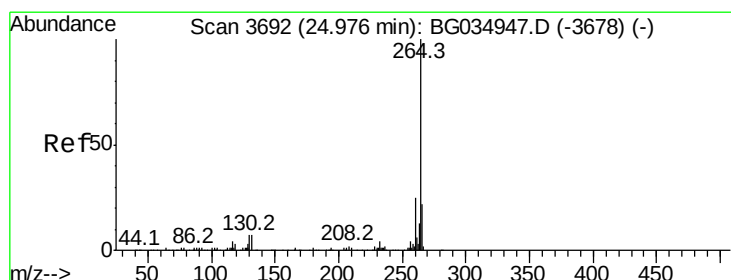
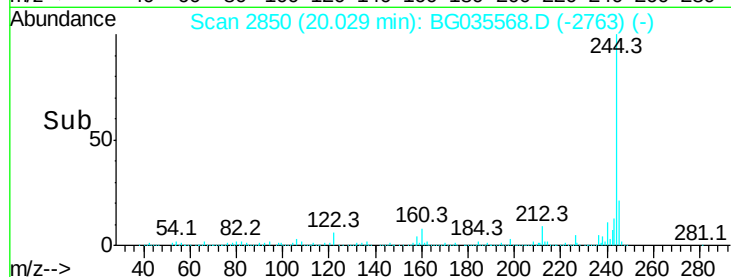
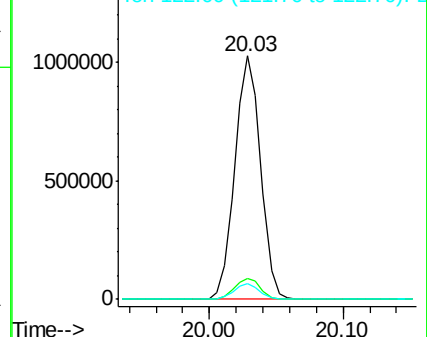
122 6.3 7.0 10.4#



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: BG035568.D

Acq: 3 Jul 2018 2:09

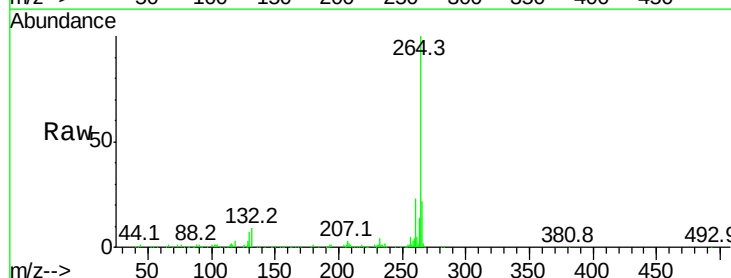
Tgt Ion:264 Resp: 292334

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.6 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

