

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
 Data File : BG035563.D
 Acq On : 2 Jul 2018 22:55
 Operator : JU/SJ
 Sample : J3245-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062918-C

Quant Time: Jul 03 05:24:29 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	32511	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	120922	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	90452	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	264345	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	306217	20.00	ng	-0.02
86) Perylene-d12	24.92	264	285924	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	281155	145.94	ng	0.00
7) Phenol-d6	7.23	99	374695	131.78	ng	0.00
23) Nitrobenzene-d5	9.23	82	299802	117.85	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	212133	183.20	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	684328	98.35	ng	-0.02
78) Terphenyl-d14	20.03	244	1543664	105.59	ng	-0.02

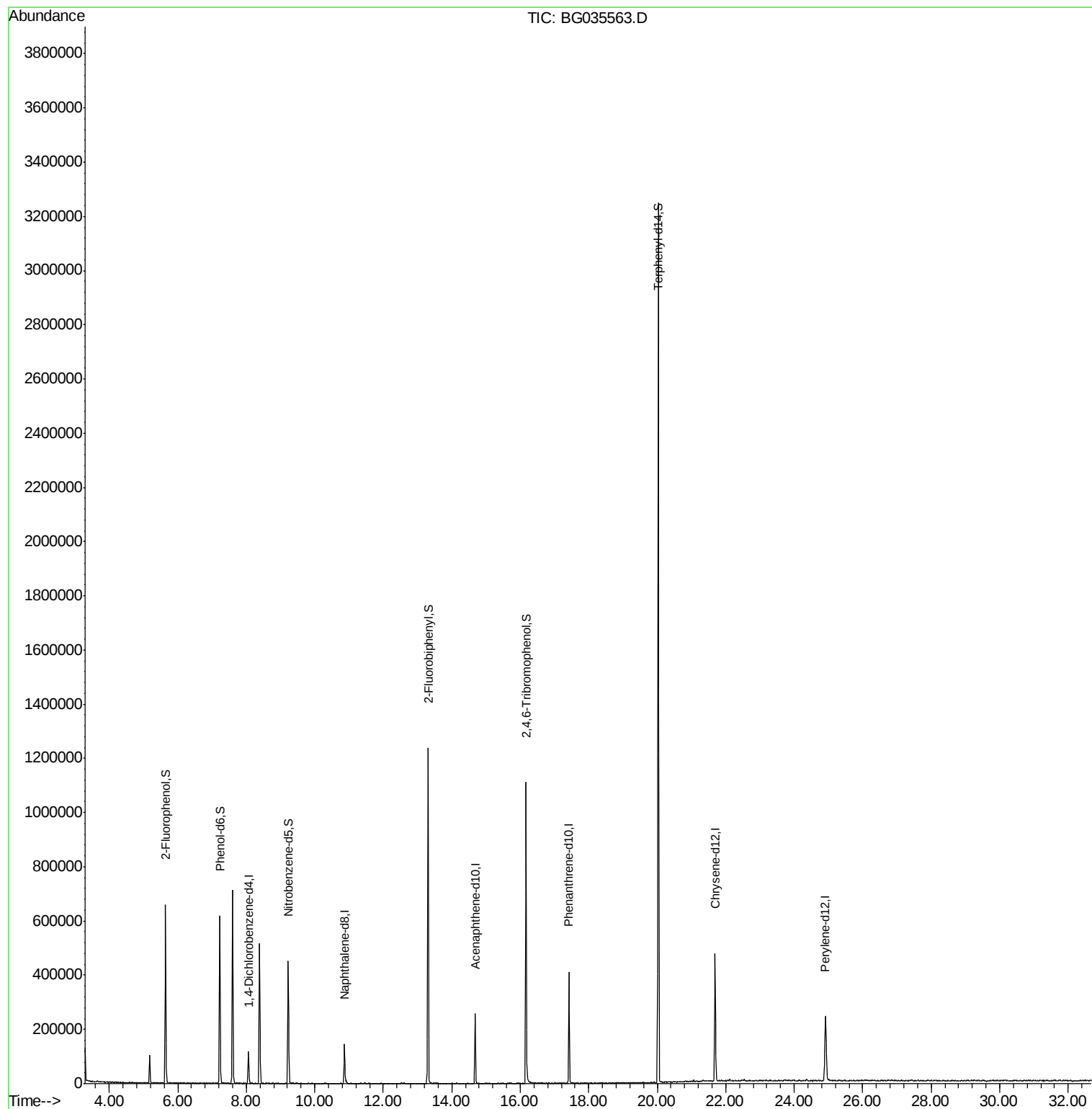
Target Compounds Qvalue

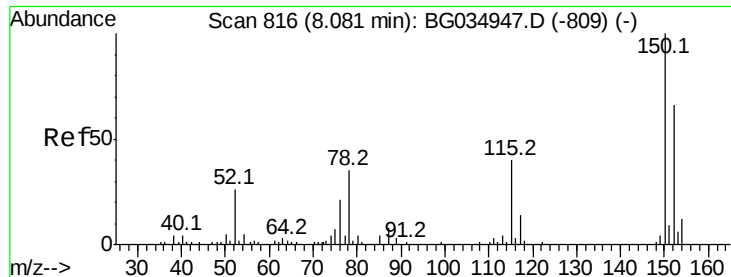
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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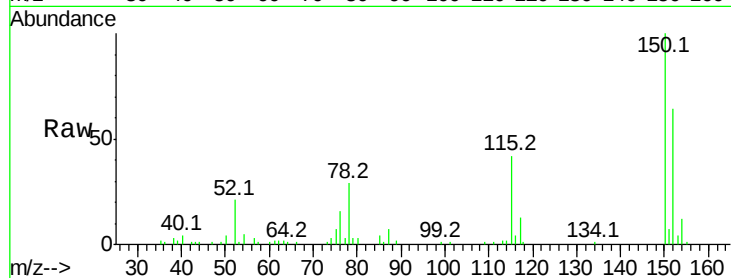


#1

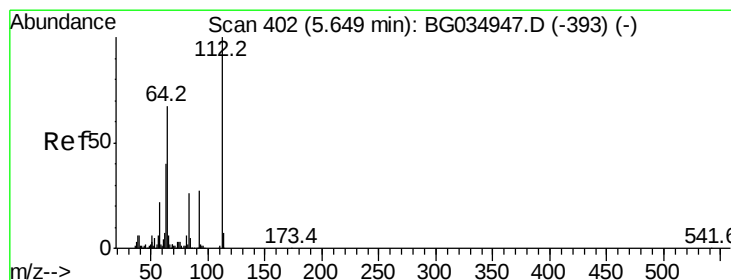
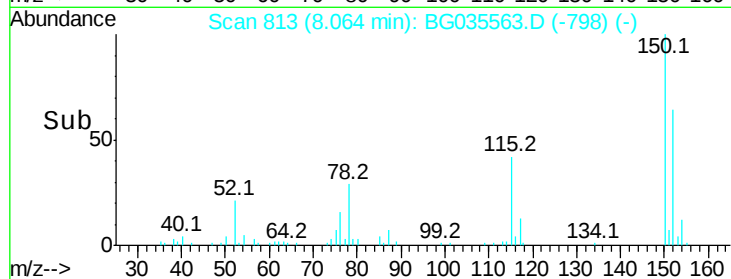
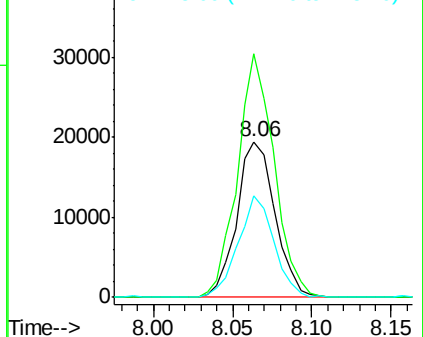
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Instrument :
BNA_G
ClientSampleId :
CL-01-062918-C

Tot Ion:152 Resp: 32511
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 64.9 53.0 79.4



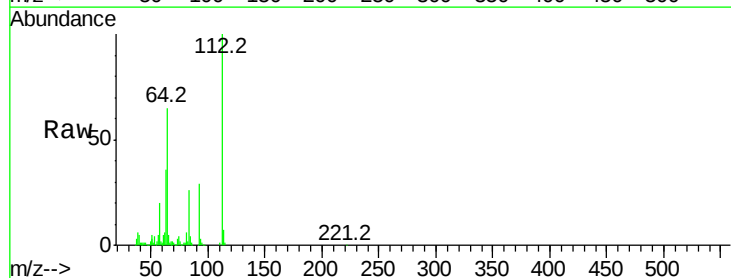
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



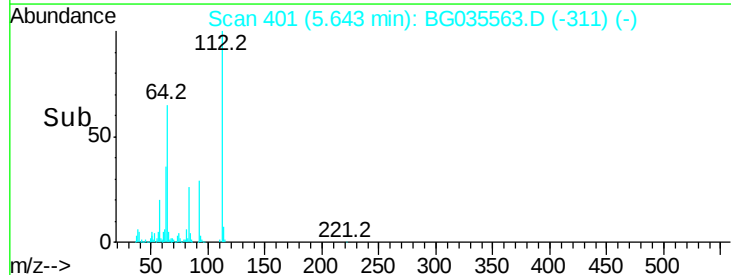
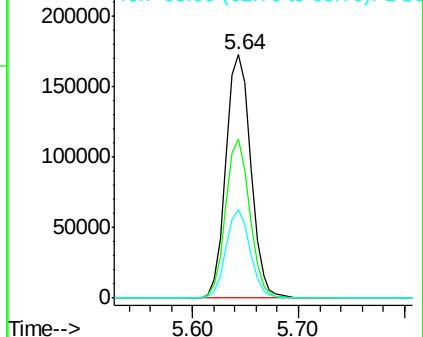
#5

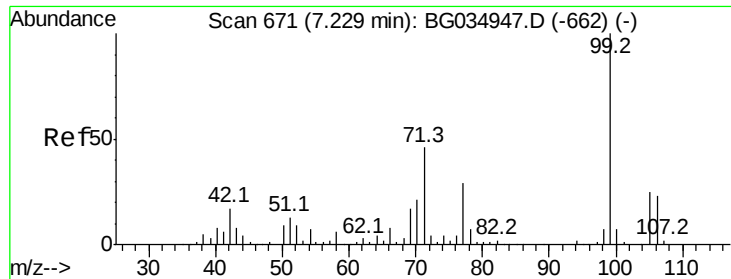
2-Fluorophenol
Concen: 145.944 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:112 Resp: 281155
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 36.3 30.1 45.1



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: 131.780 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-C

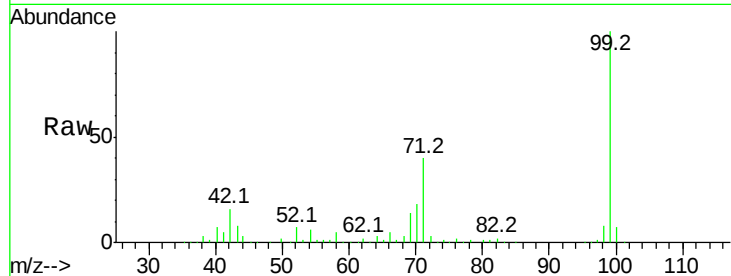
Tot Ion: 99 Resp: 374695

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

71 40.2 26.1 39.1#

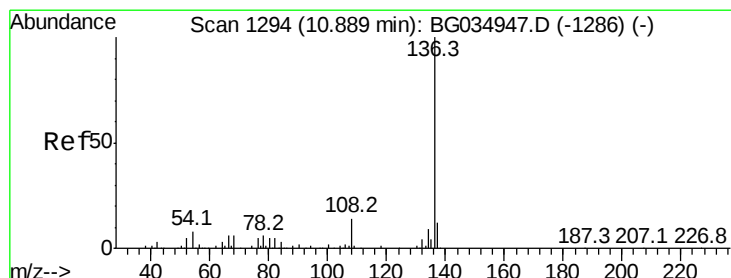
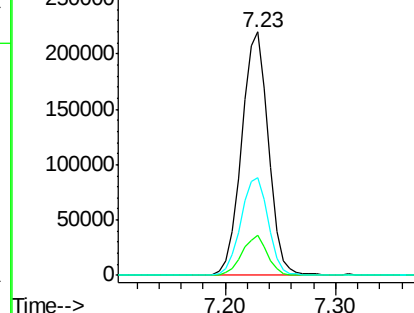
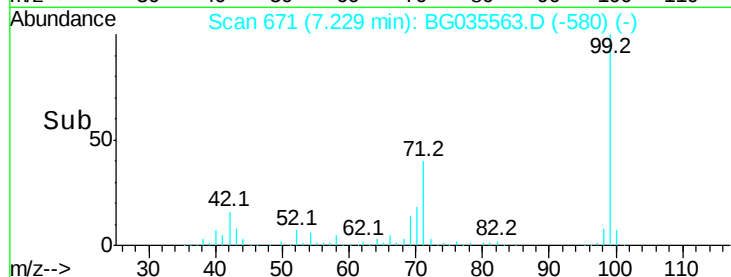


Abundance

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: BG035563.D

Acq: 2 Jul 2018 22:55

Tgt Ion: 136 Resp: 120922

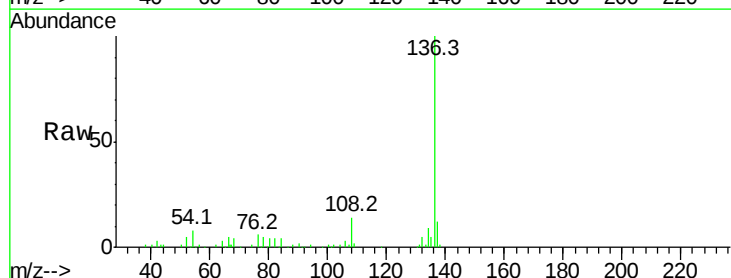
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.6 10.3 15.5#

68 3.7 4.5 6.7#



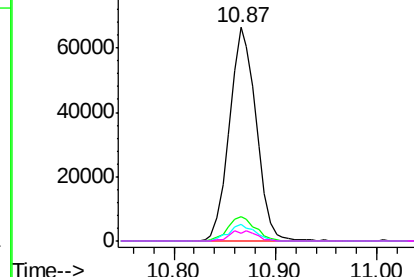
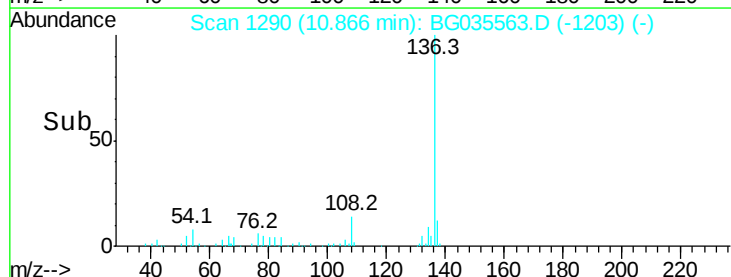
Abundance

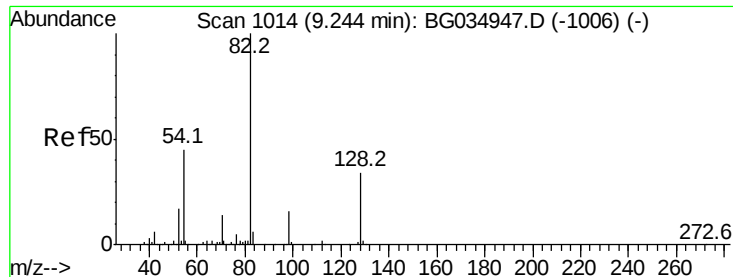
Ion 136.00 (135.70 to 136.70): BGC

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: 117.852 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-C

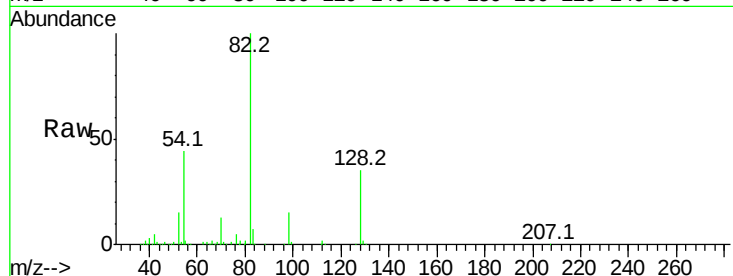
Tot Ion: 82 Resp: 299802

Ion Ratio Lower Upper

82 100

128 34.8 29.7 44.5

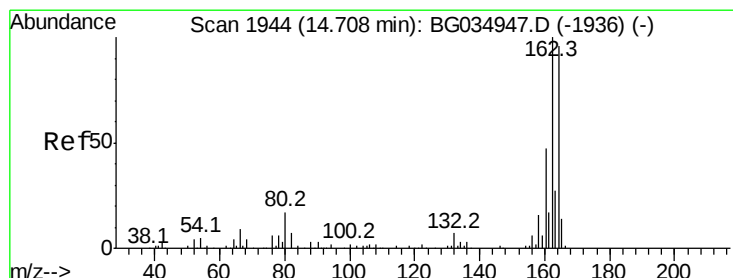
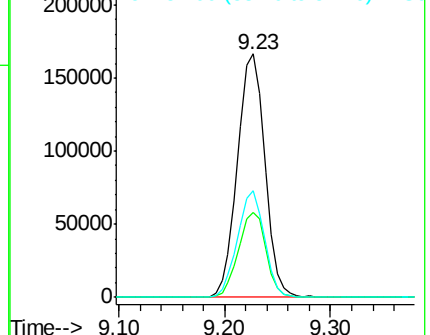
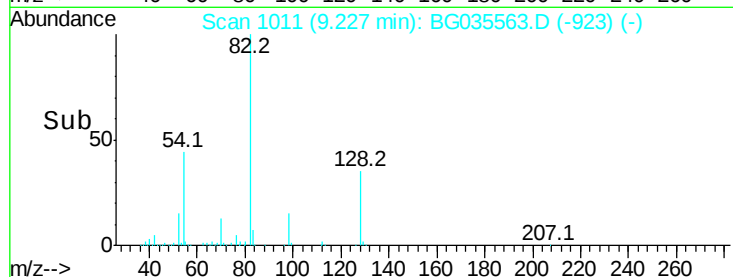
54 43.9 43.1 64.7



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: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

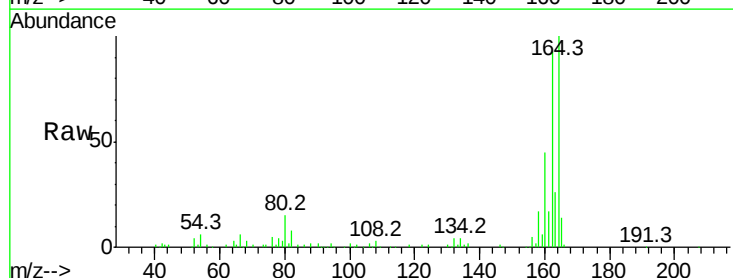
Tgt Ion:164 Resp: 90452

Ion Ratio Lower Upper

164 100

162 92.9 78.8 118.2

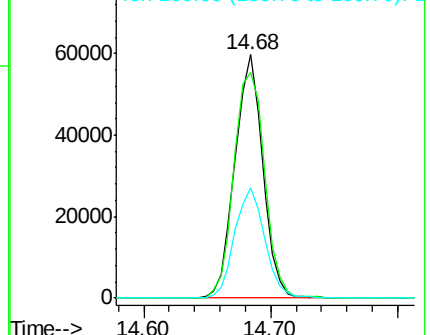
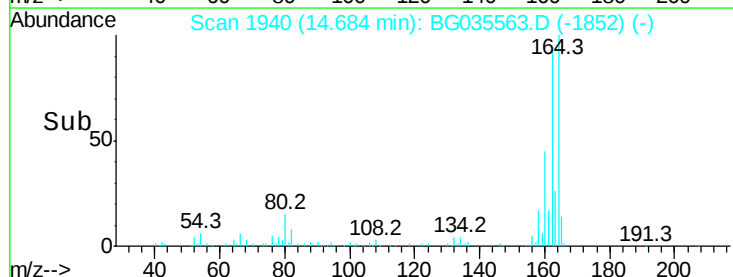
160 45.2 35.4 53.0

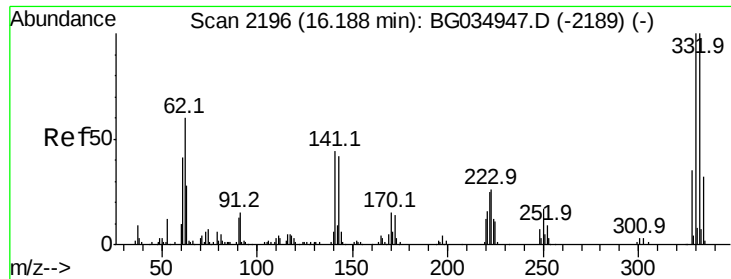


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

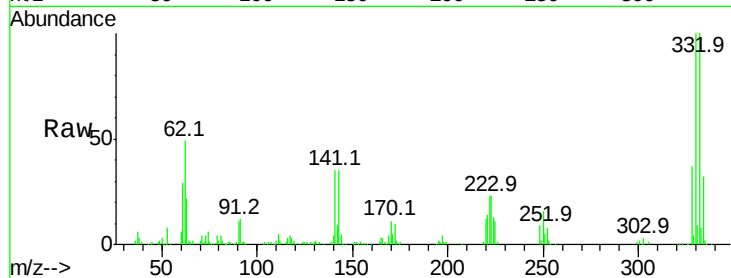




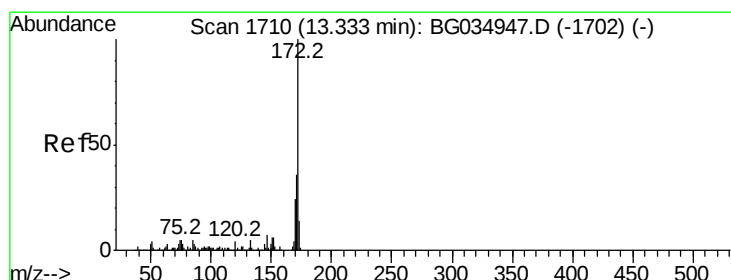
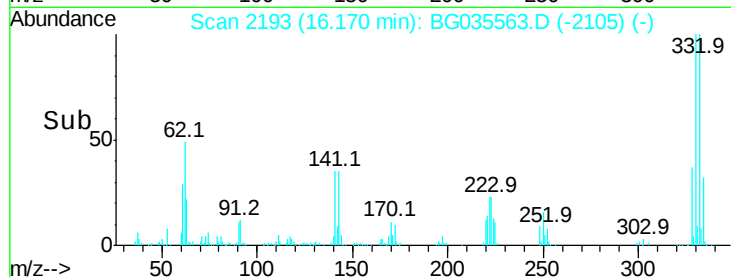
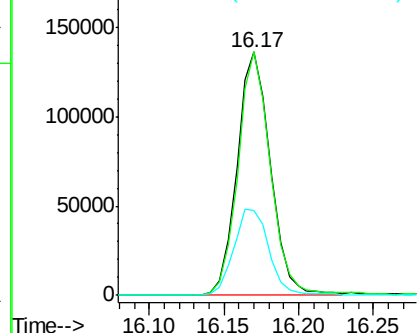
#41
 2,4,6-Tribromophenol
 Concen: 183.205 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035563.D
 Acq: 2 Jul 2018 22:55

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-062918-C

Tot Ion:330 Resp: 212133
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 37.7 25.2 37.8

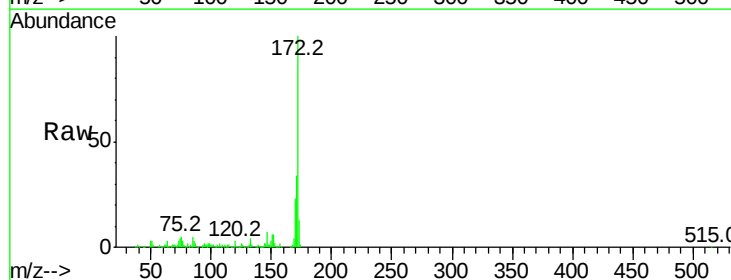


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

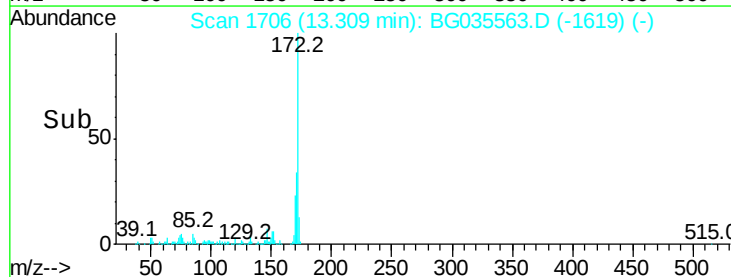
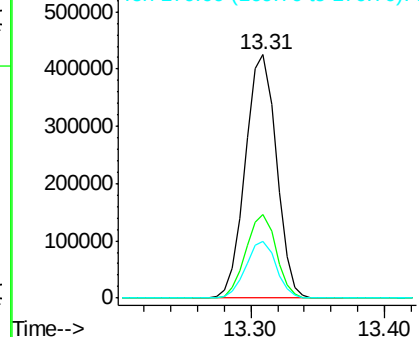


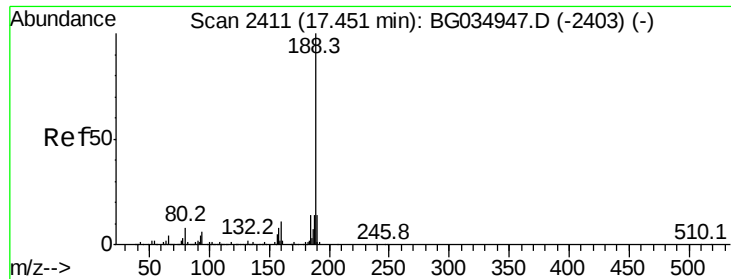
#44
 2-Fluorobiphenyl
 Concen: 98.353 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035563.D
 Acq: 2 Jul 2018 22:55

Tgt Ion:172 Resp: 684328
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.3 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

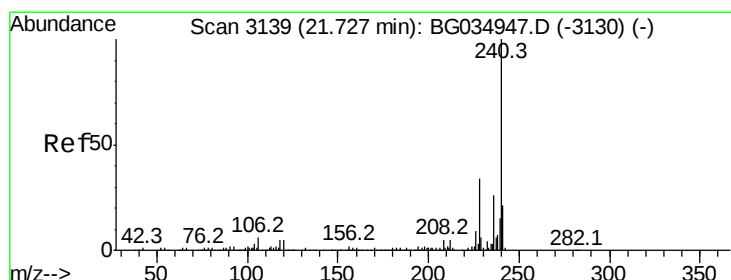
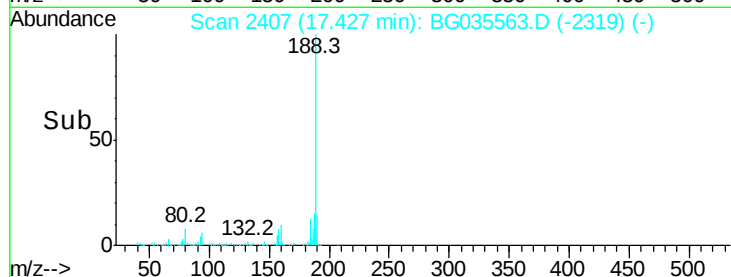
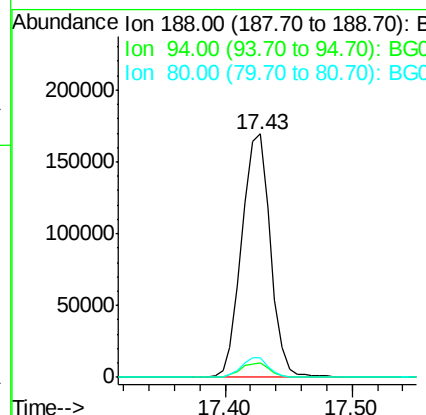
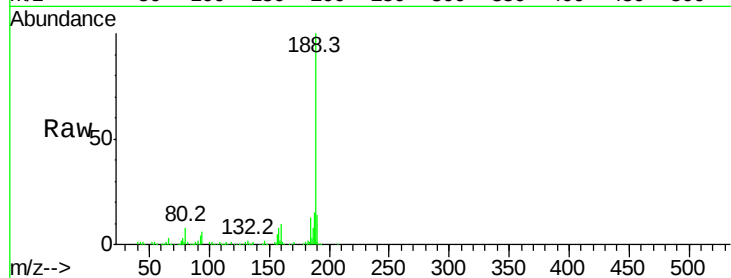




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

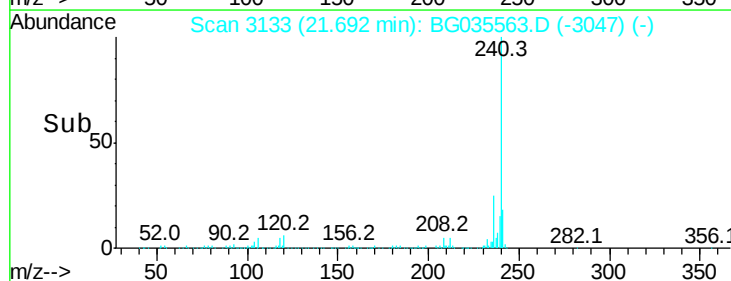
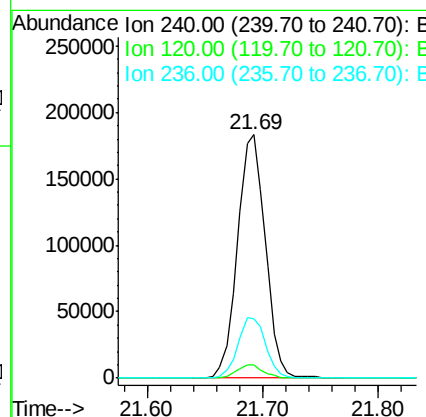
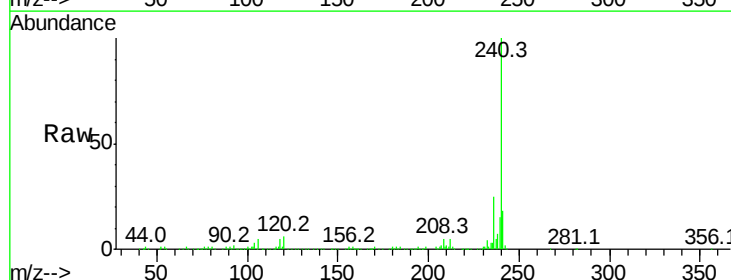
Instrument :
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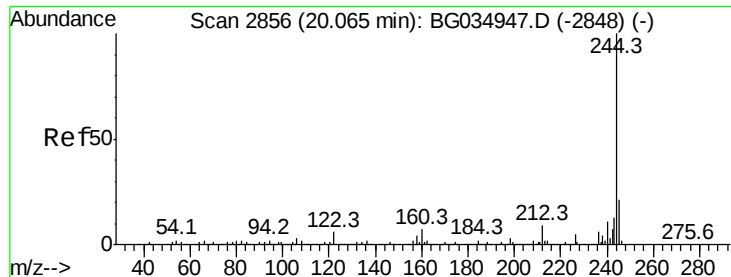
Tot Ion:188 Resp: 264345
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 7.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035563.D
Acq: 2 Jul 2018 22:55

Tgt Ion:240 Resp: 306217
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 24.5 20.9 31.3





#78

Terphenyl-d14

Concen: 105.594 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035563.D

Acq: 2 Jul 2018 22:55

Instrument :

BNA_G

ClientSampleId :

CL-01-062918-C

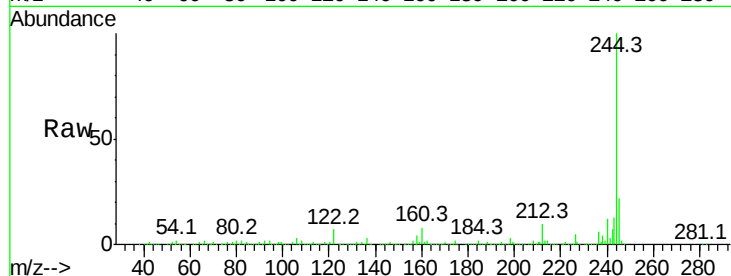
Tot Ion:244 Resp: 1543664

Ion Ratio Lower Upper

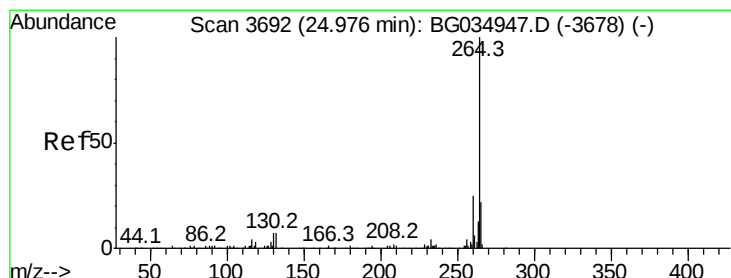
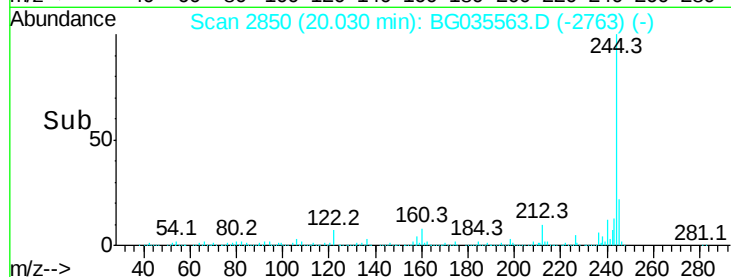
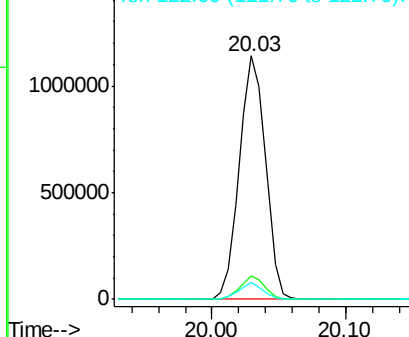
244 100

212 9.5 5.8 8.8#

122 6.8 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: BG035563.D

Acq: 2 Jul 2018 22:55

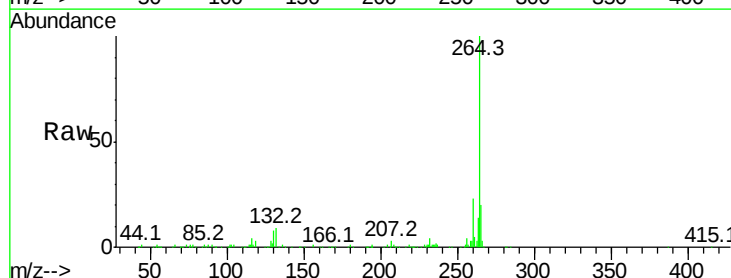
Tgt Ion:264 Resp: 285924

Ion Ratio Lower Upper

264 100

260 22.6 17.4 26.0

265 19.9 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

