

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071718\
 Data File : BG035686.D
 Acq On : 17 Jul 2018 17:15
 Operator : JU/SJ
 Sample : J3819-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-C

Quant Time: Jul 18 12:18:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46875	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	168738	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	117481	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	323463	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	378690	20.00	ng	-0.02
86) Perylene-d12	24.88	264	365484	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	386311	136.82	ng	0.00
7) Phenol-d6	7.21	99	484952	115.12	ng	0.00
23) Nitrobenzene-d5	9.20	82	390411	96.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	248304	160.35	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	829281	94.57	ng	-0.02
78) Terphenyl-d14	20.01	244	1704276	99.20	ng	-0.01

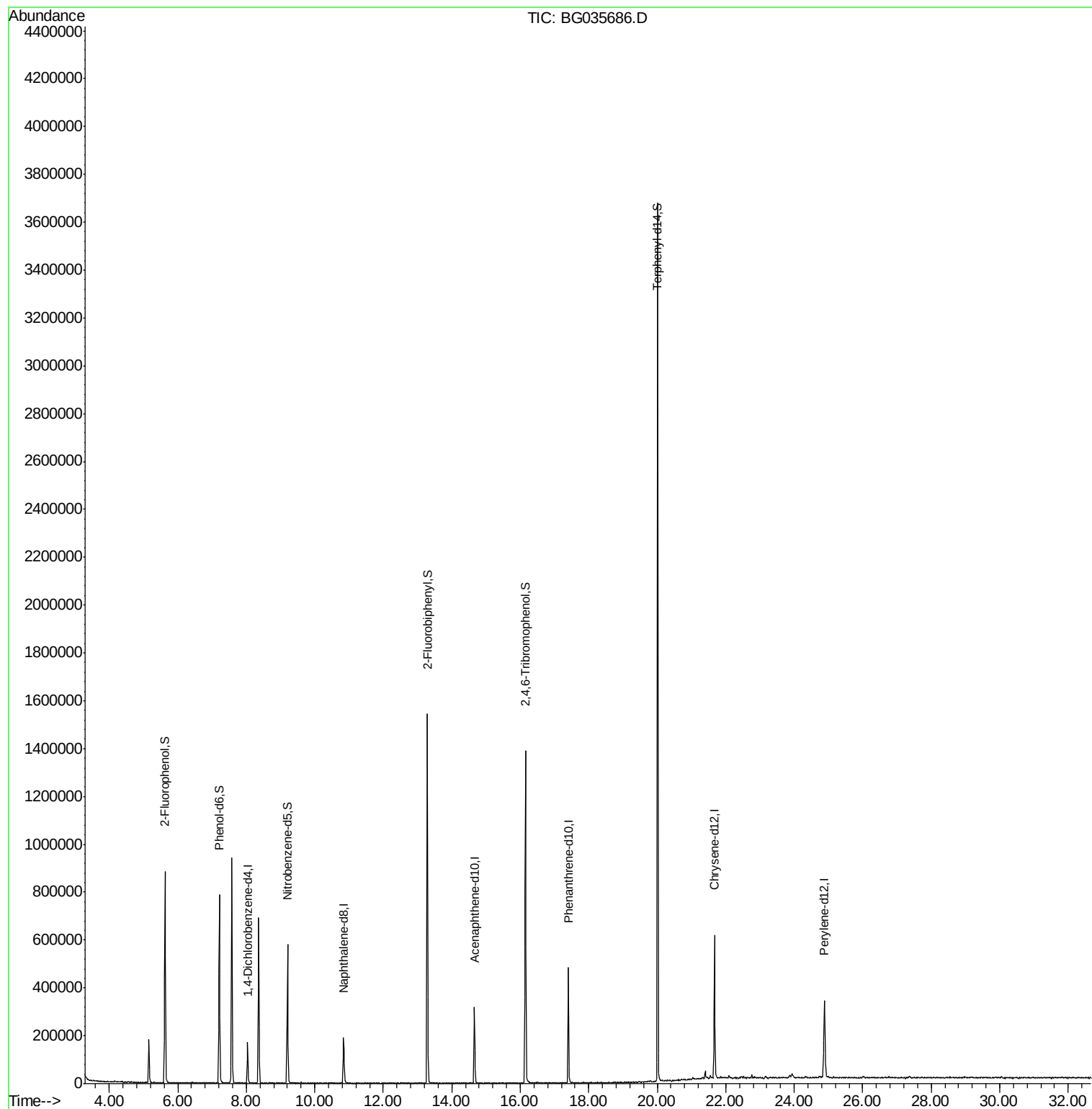
Target Compounds Qvalue

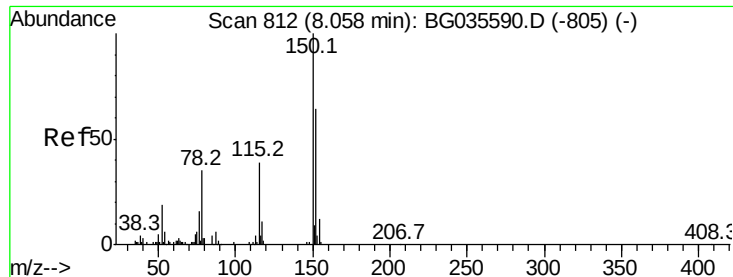
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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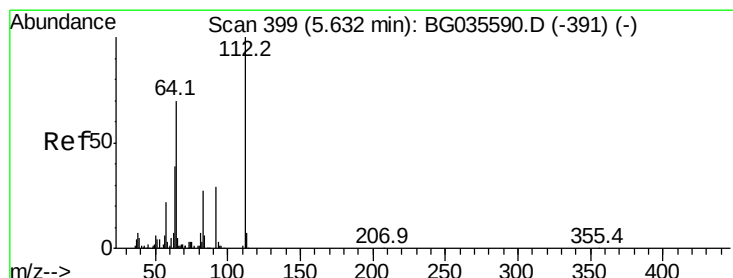
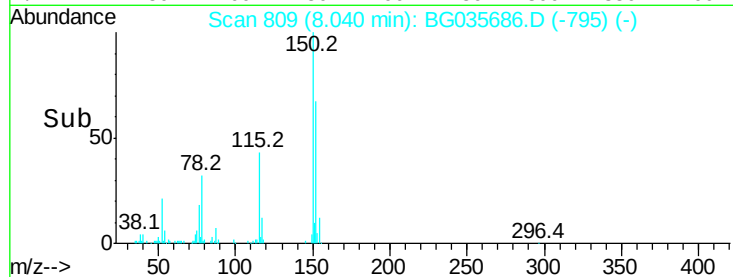
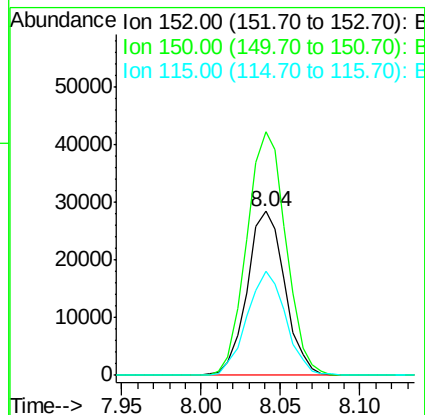
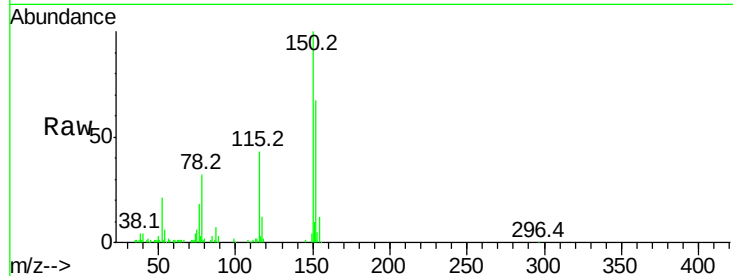


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG035686.D
 Acq: 17 Jul 2018 17:15

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-071318-C

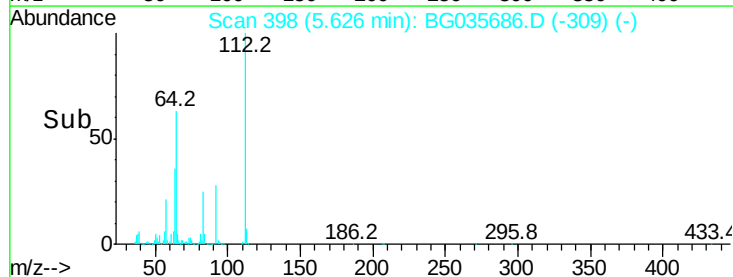
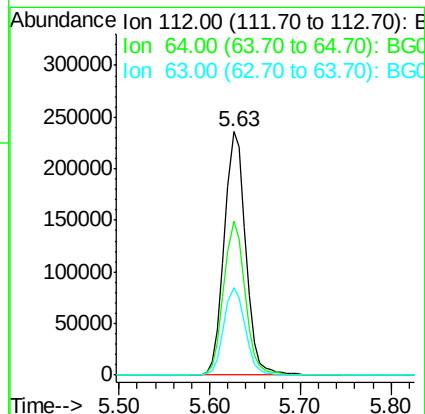
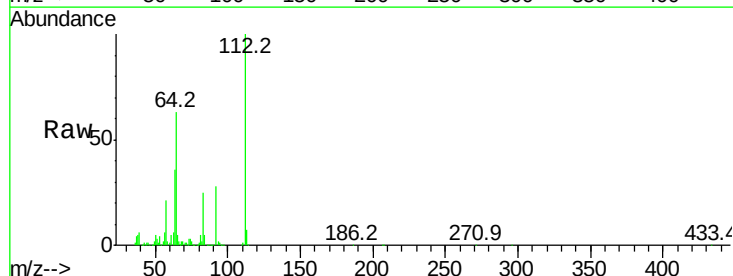
Tot Ion	152	Resp	46875
Ion	Ratio	Lower	Upper
152	100		
150	148.4	126.6	189.8
115	63.3	53.0	79.4

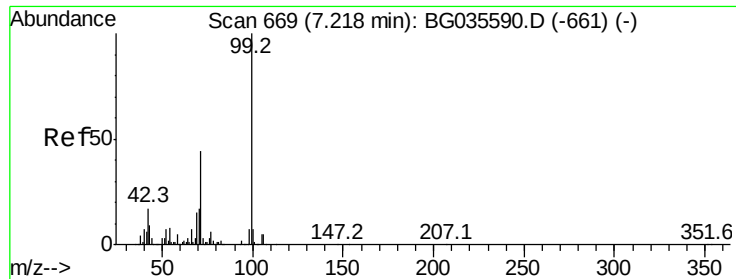


#5

2-Fluorophenol
 Concen: 136.825 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG035686.D
 Acq: 17 Jul 2018 17:15

Tgt Ion	112	Resp	386311
Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	36.1	30.1	45.1





#7

Phenol-d6

Concen: 115.123 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-C

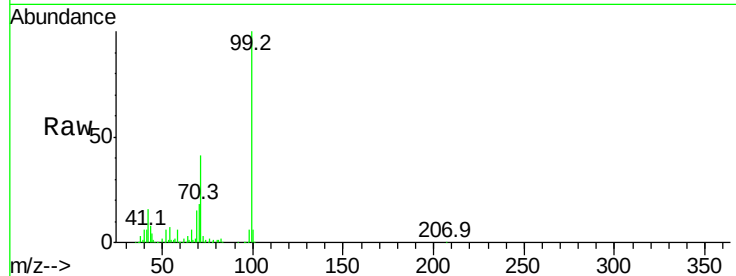
Tot Ion: 99 Resp: 484952

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

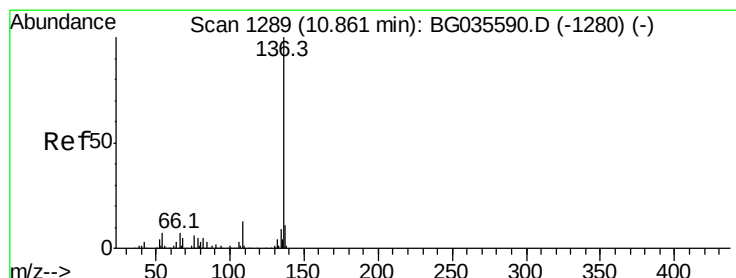
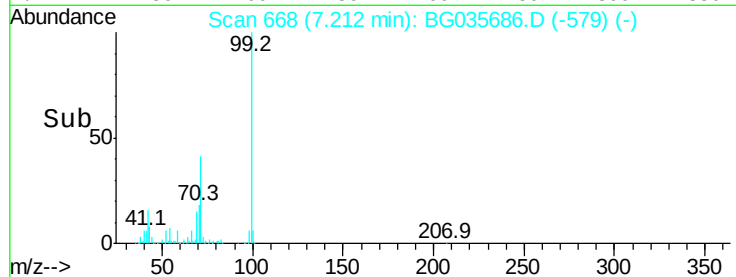
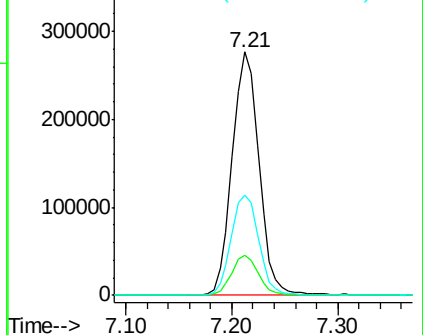
71 41.2 26.1 39.1#



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: 10.84 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

Tgt Ion: 136 Resp: 168738

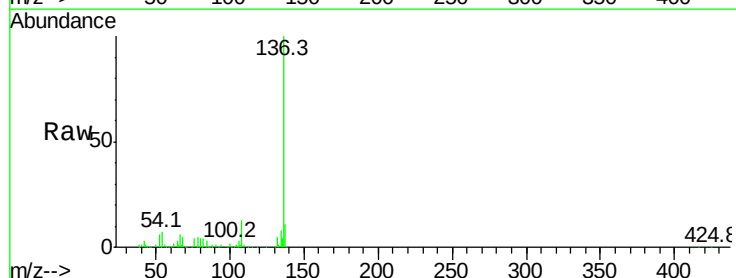
Ion Ratio Lower Upper

136 100

137 11.0 9.2 13.8

54 6.6 10.3 15.5#

68 5.4 4.5 6.7

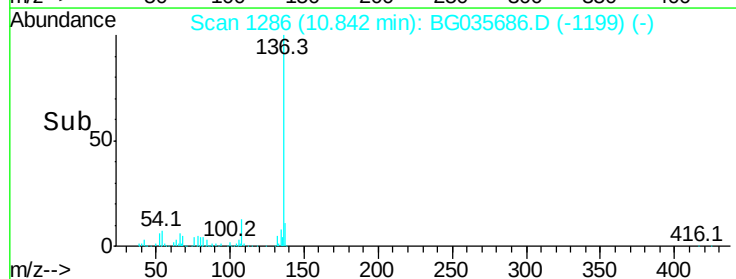
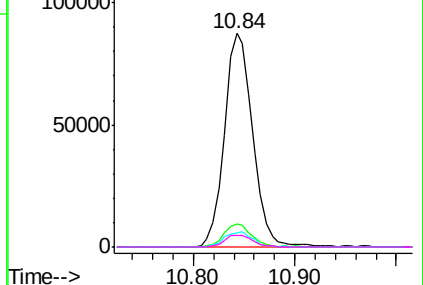


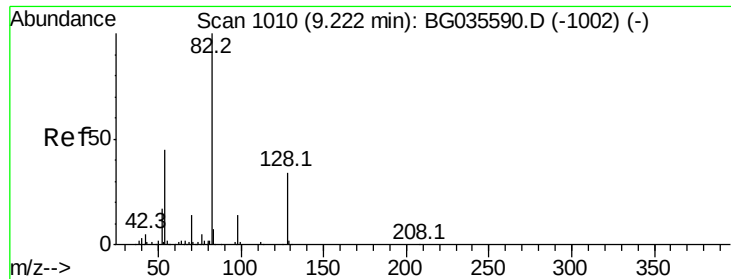
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

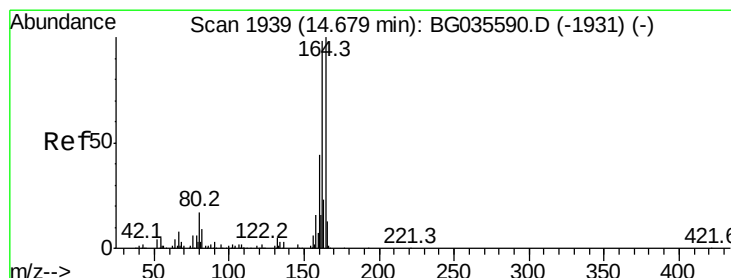
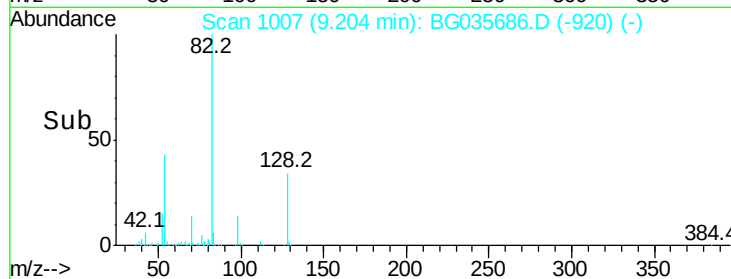
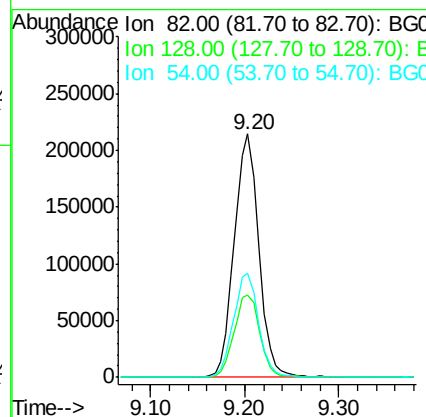
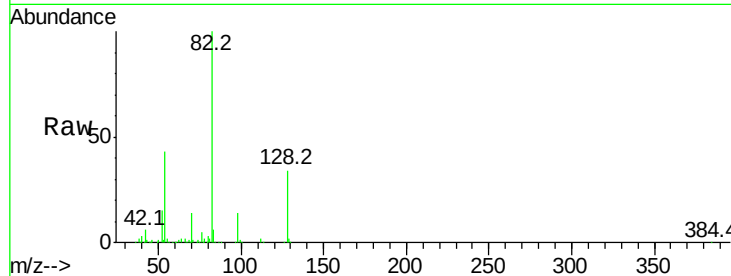




#23
Nitrobenzene-d5
Concen: 96.655 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035686.D
Acq: 17 Jul 2018 17:15

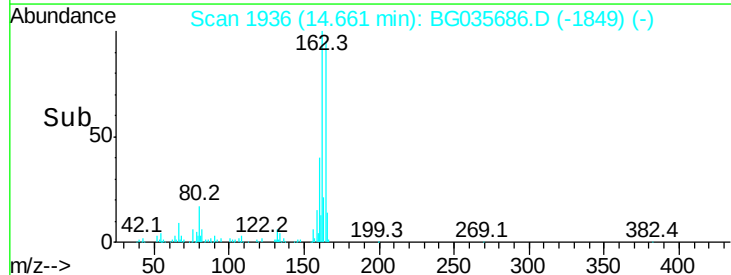
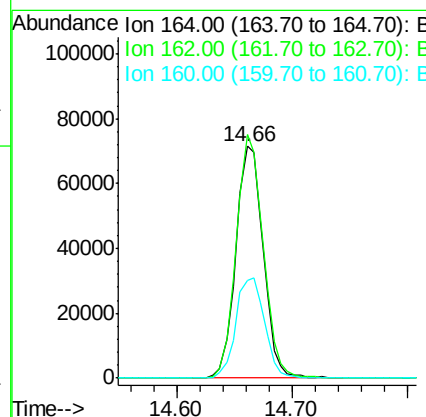
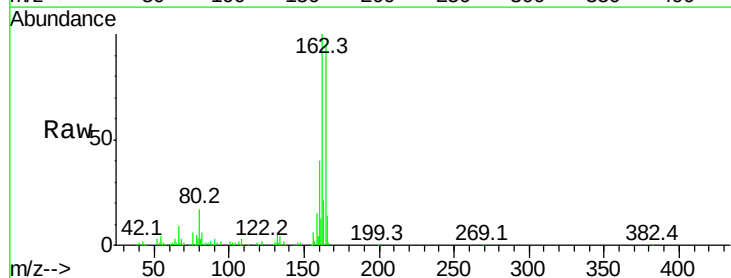
Instrument :
BNA_G
ClientSampleId :
AU-05-071318-C

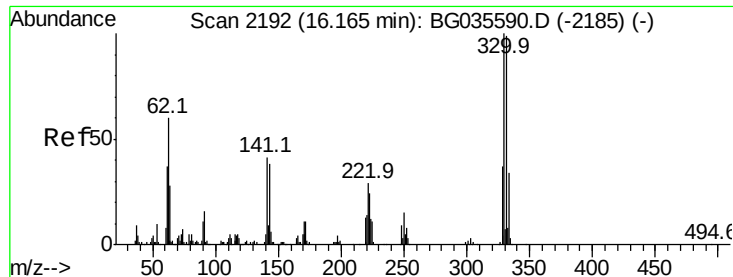
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	42.5	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035686.D
Acq: 17 Jul 2018 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	78.8	118.2
160	42.3	35.4	53.0

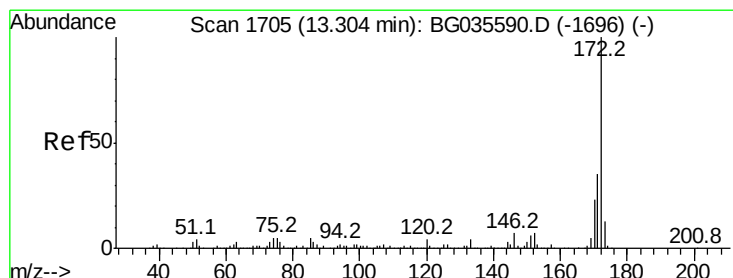
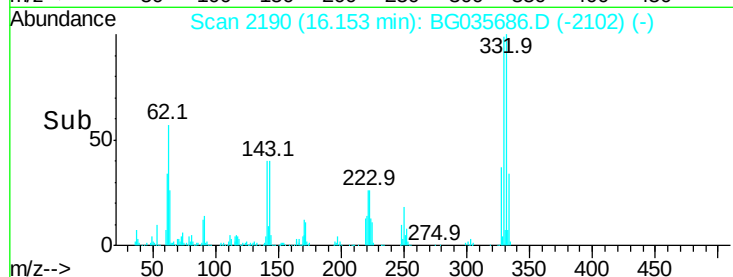
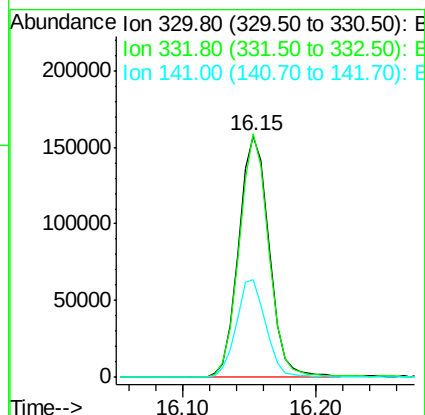
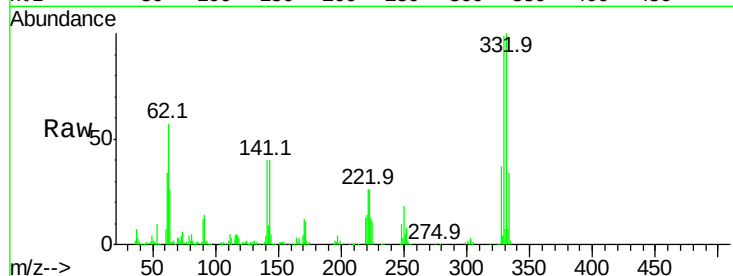




#41
2,4,6-Tribromophenol
Concen: 160.354 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG035686.D
Acq: 17 Jul 2018 17:15

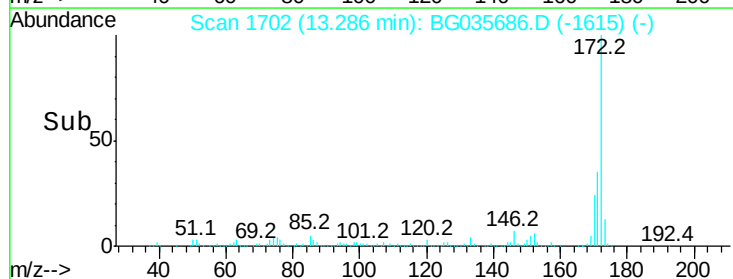
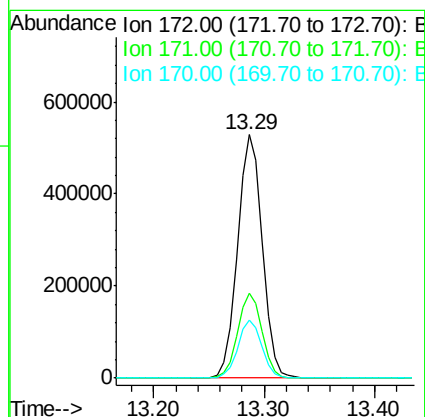
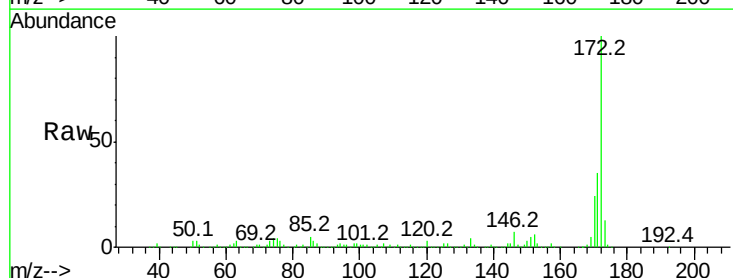
Instrument :
BNA_G
ClientSampleId :
AU-05-071318-C

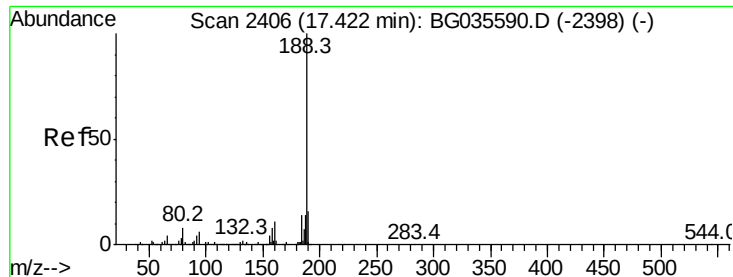
Tot Ion:330 Resp: 248304
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 39.7 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 94.570 ng
RT: 13.29 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BG035686.D
Acq: 17 Jul 2018 17:15

Tgt Ion:172 Resp: 829281
Ion Ratio Lower Upper
172 100
171 34.7 30.0 45.0
170 23.6 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2403

Delta R.T. -0.02 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-C

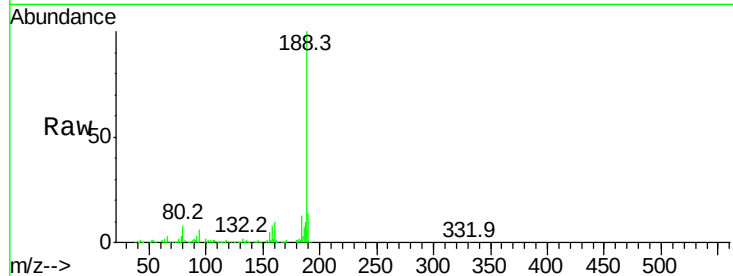
Tot Ion:188 Resp: 323463

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

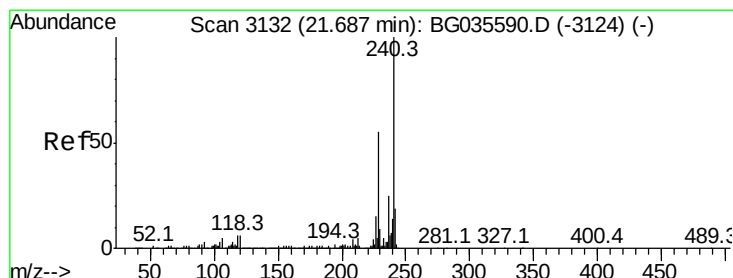
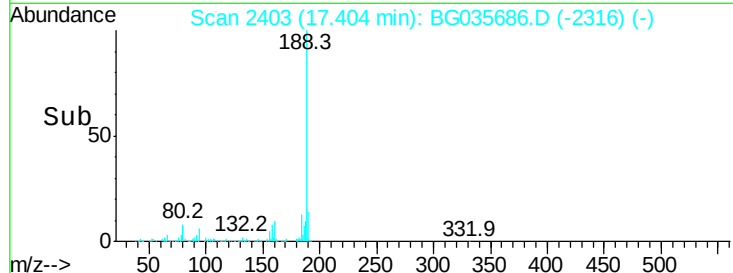
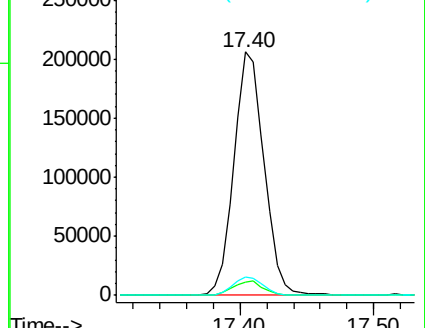
80 7.6 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

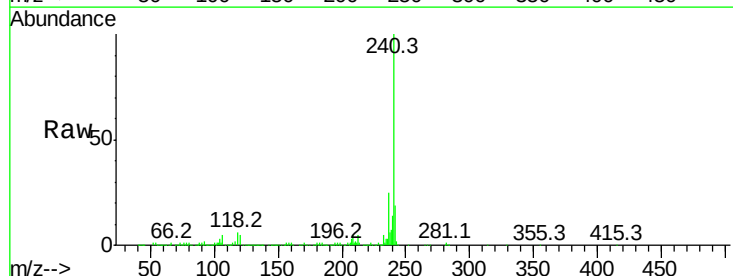
Tgt Ion:240 Resp: 378690

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

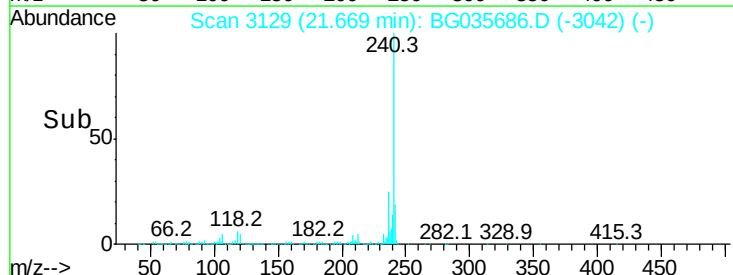
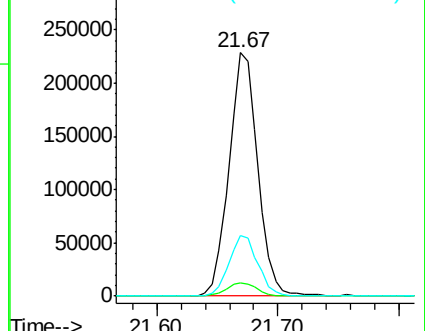
236 24.8 20.9 31.3

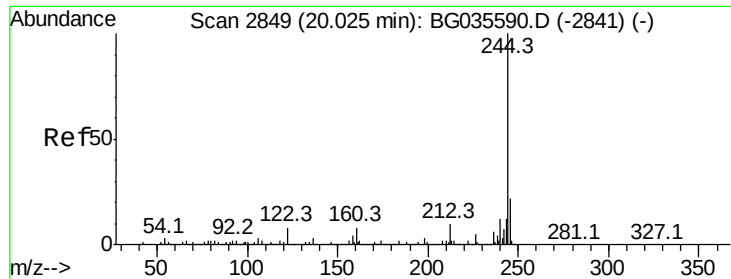


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 99.203 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

Instrument :

BNA_G

ClientSampleId :

AU-05-071318-C

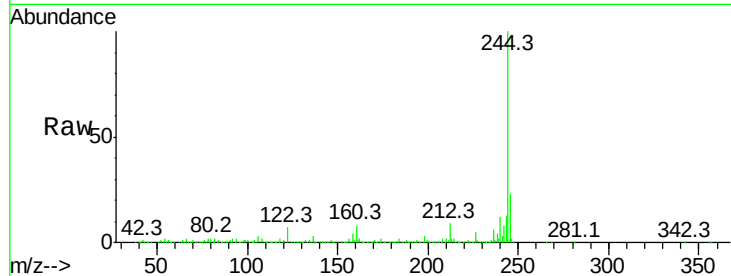
Tot Ion:244 Resp: 1704276

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

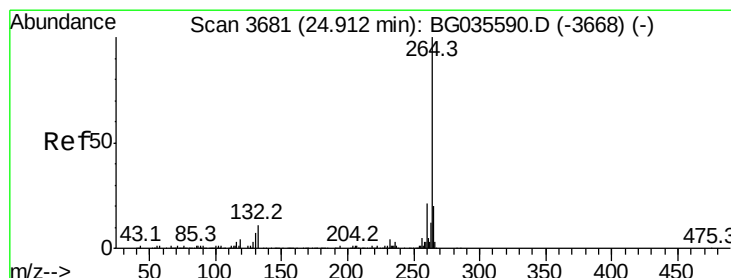
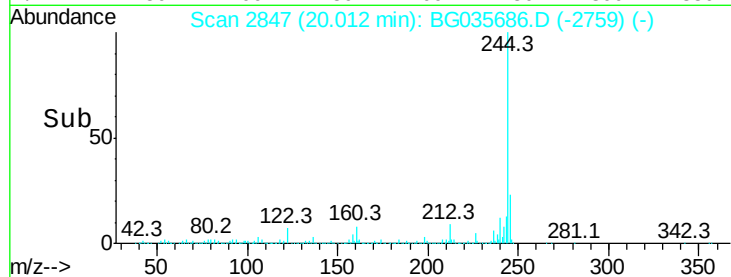
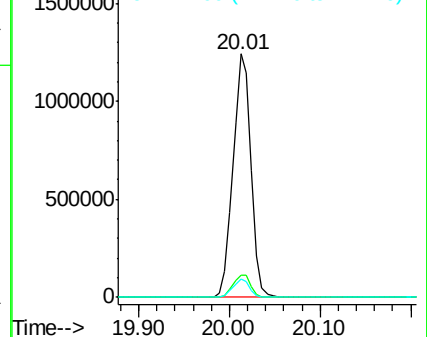
122 7.4 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.03 min

Lab File: BG035686.D

Acq: 17 Jul 2018 17:15

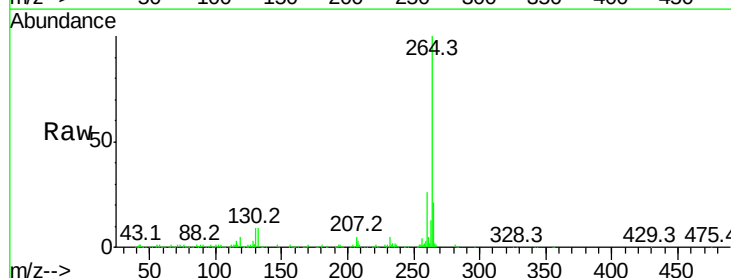
Tgt Ion:264 Resp: 365484

Ion Ratio Lower Upper

264 100

260 26.3 17.4 26.0#

265 21.2 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

