

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035659.D
 Acq On : 14 Jul 2018 10:20
 Operator : JU/SJ
 Sample : J3545-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-3

Quant Time: Jul 16 01:17:23 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	8.06	152	47265	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	175630	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128146	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	355853	20.00	ng	0.00
75) Chrysene-d12	21.68	240	379617	20.00	ng	0.00
86) Perylene-d12	24.90	264	363990	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	383097	134.57	ng	0.00
7) Phenol-d6	7.22	99	520926	122.64	ng	0.00
23) Nitrobenzene-d5	9.22	82	410541	97.65	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	266070	157.53	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	913289	95.48	ng	0.00
78) Terphenyl-d14	20.02	244	1687165	97.97	ng	0.00

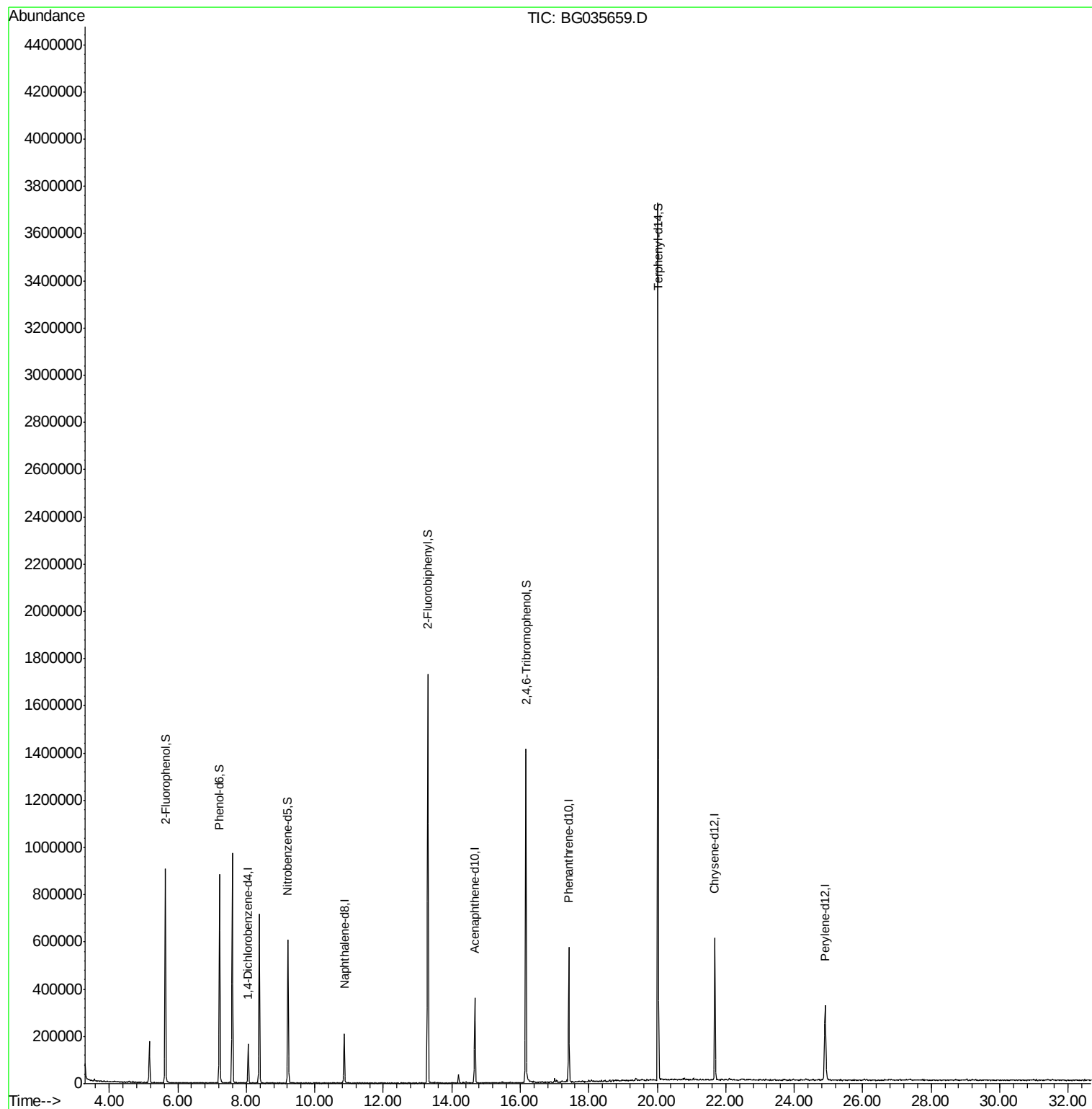
Target Compounds Qvalue

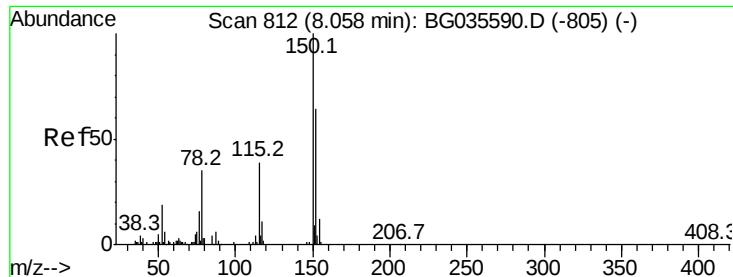
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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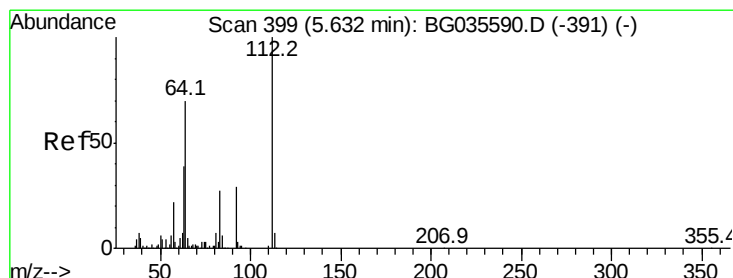
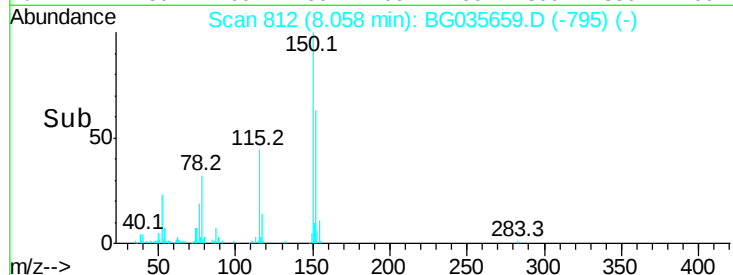
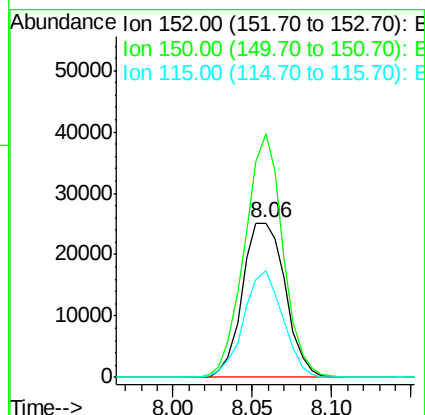
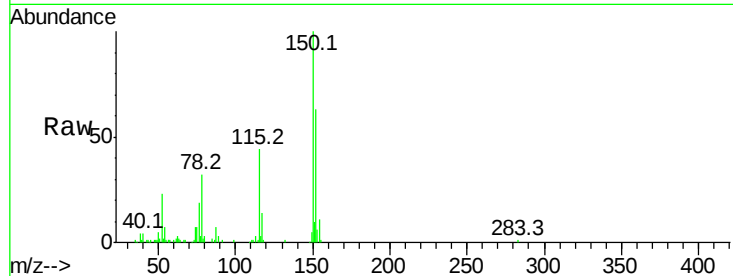


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035659.D
 Acq: 14 Jul 2018 10:20

Instrument :
 BNA_G
 ClientSampled :
 DRUM-3

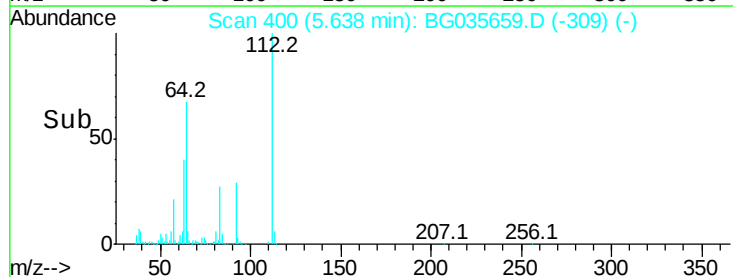
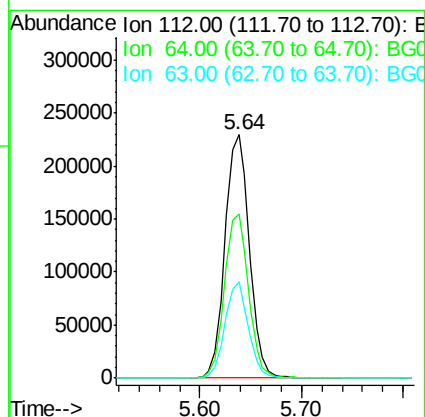
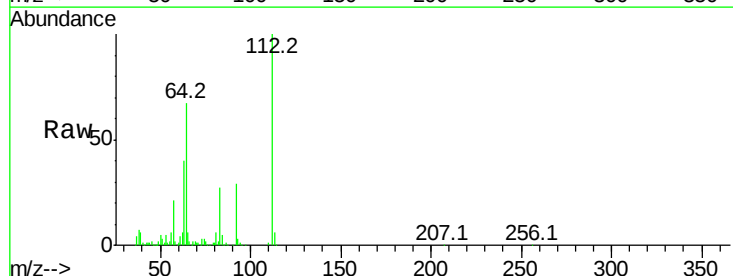
Tot Ion:152 Resp: 47265
 Ion Ratio Lower Upper
 152 100
 150 157.5 126.6 189.8
 115 68.8 53.0 79.4

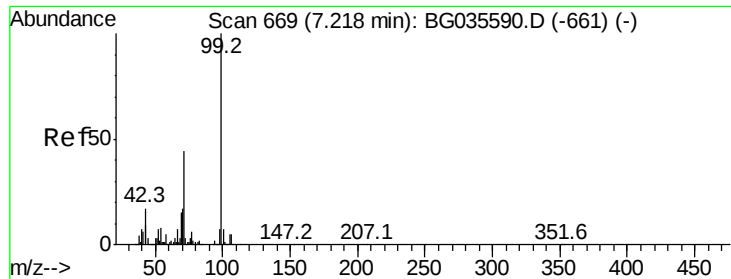


#5

2-Fluorophenol
 Concen: 134.567 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: BG035659.D
 Acq: 14 Jul 2018 10:20

Tgt Ion:112 Resp: 383097
 Ion Ratio Lower Upper
 112 100
 64 67.4 56.3 84.5
 63 39.8 30.1 45.1





#7

Phenol-d6

Concen: 122.642 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

Instrument :

BNA_G

ClientSampleId :

DRUM-3

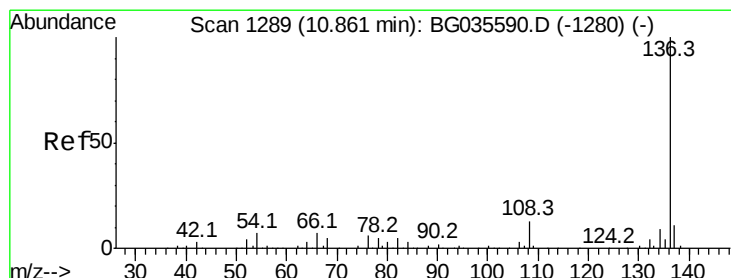
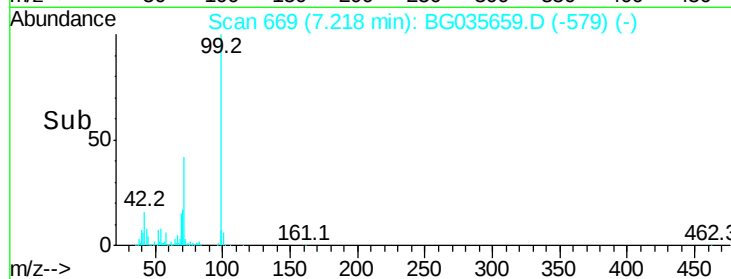
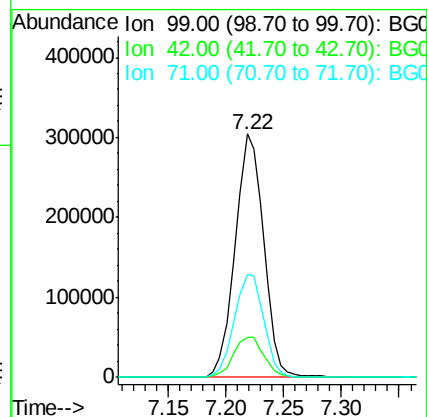
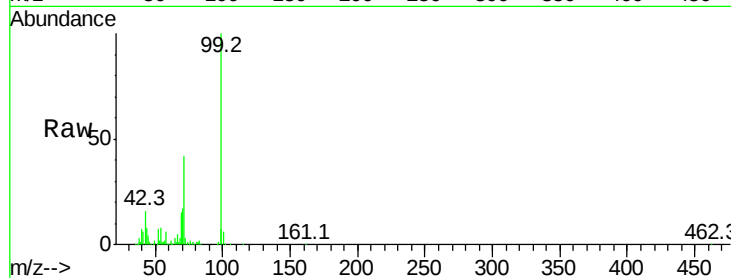
Tot Ion: 99 Resp: 520926

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.4 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

Tgt Ion: 136 Resp: 175630

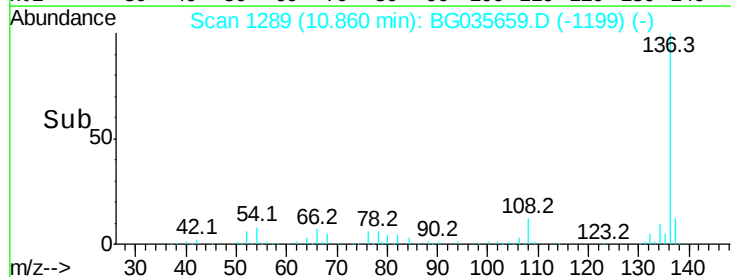
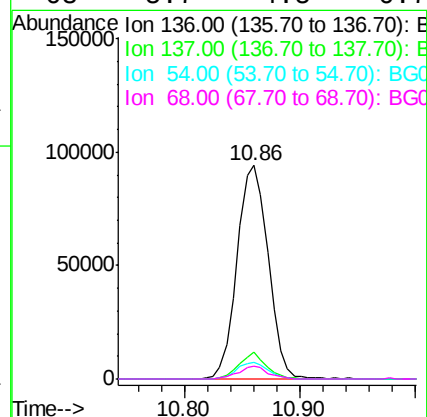
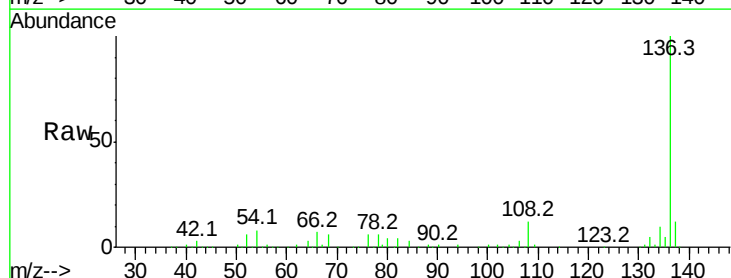
Ion Ratio Lower Upper

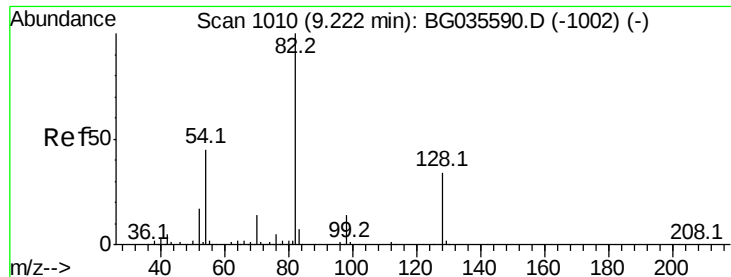
136 100

137 12.4 9.2 13.8

54 8.0 10.3 15.5#

68 5.7 4.5 6.7

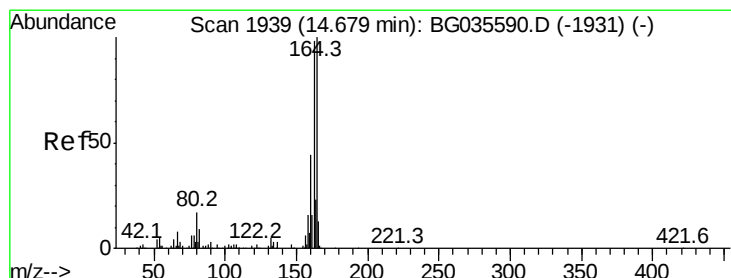
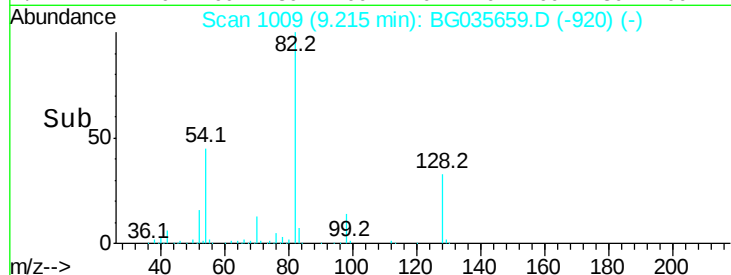
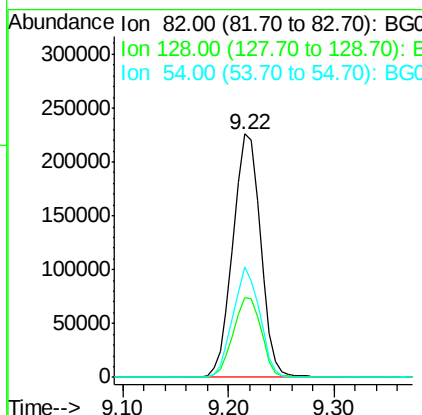
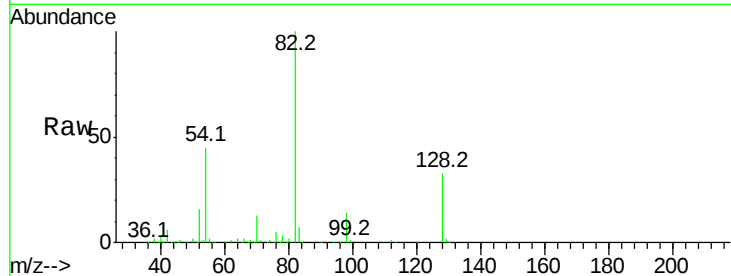




#23
 Nitrobenzene-d5
 Concen: 97.650 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035659.D
 Acq: 14 Jul 2018 10:20

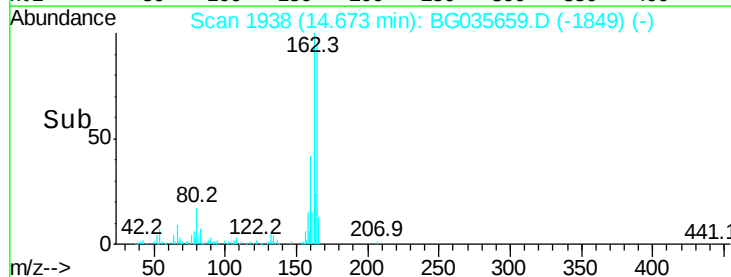
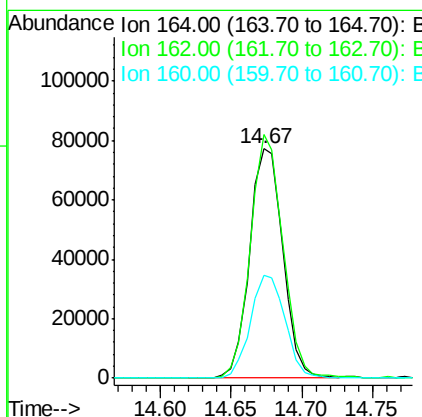
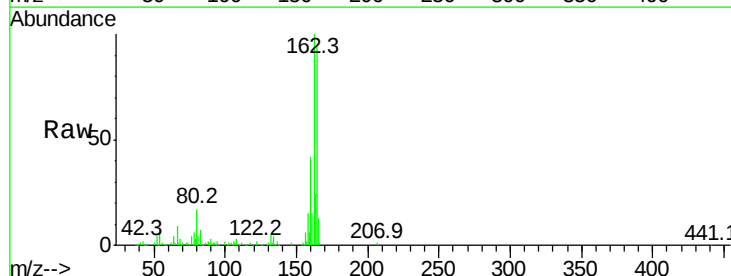
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-3

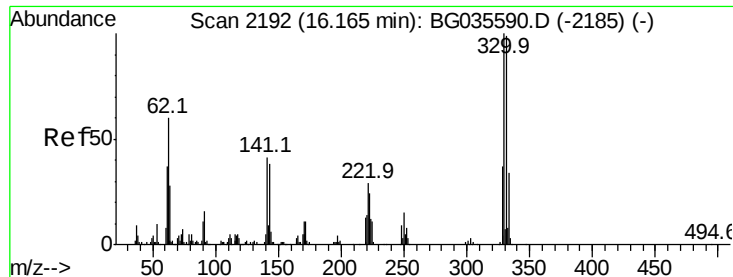
Tot Ion: 82 Resp: 410541
 Ion Ratio Lower Upper
 82 100
 128 32.6 29.7 44.5
 54 45.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035659.D
 Acq: 14 Jul 2018 10:20

Tgt Ion:164 Resp: 128146
 Ion Ratio Lower Upper
 164 100
 162 106.2 78.8 118.2
 160 44.7 35.4 53.0

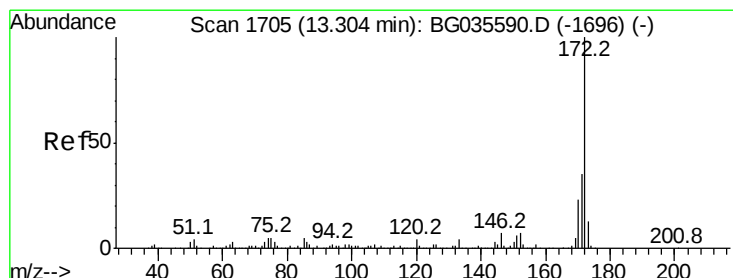
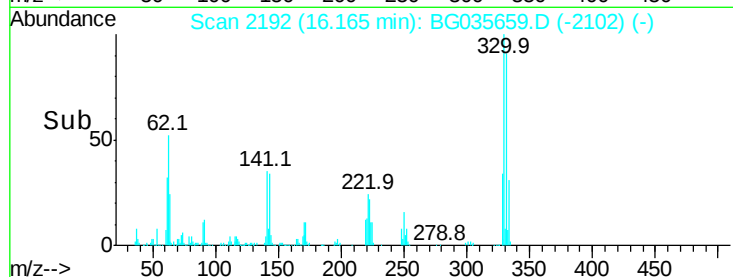
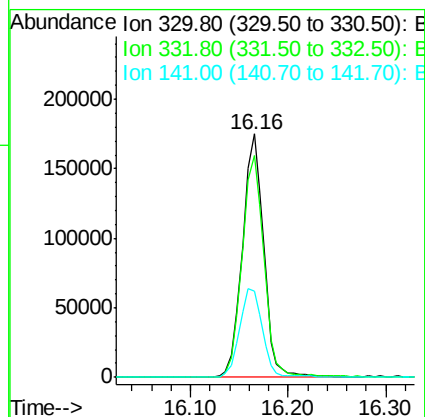
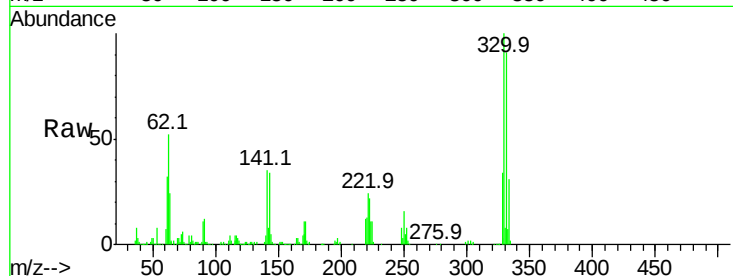




#41
2,4,6-Tribromophenol
Concen: 157.527 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035659.D
Acq: 14 Jul 2018 10:20

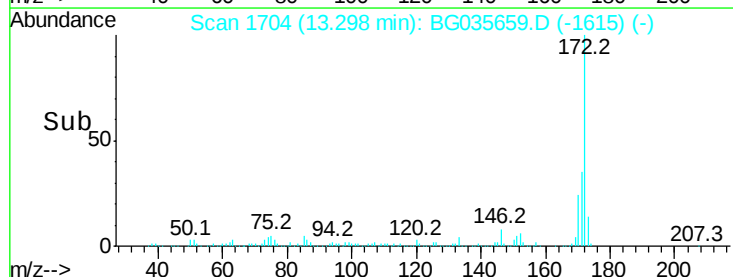
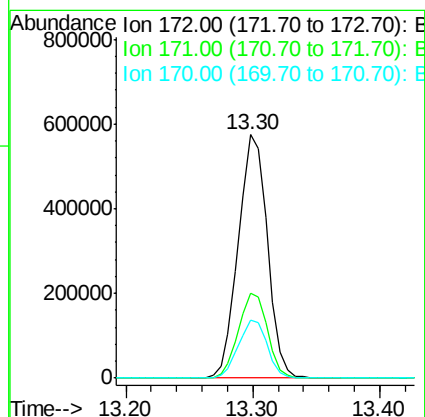
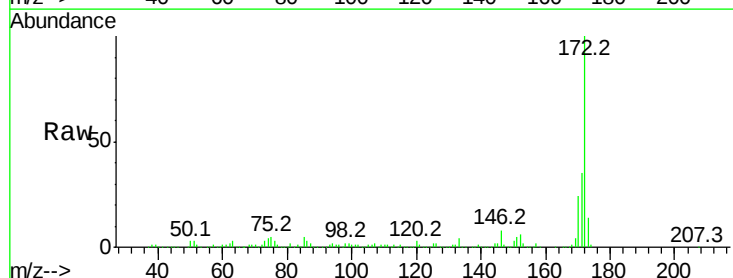
Instrument :
BNA_G
ClientSampleId :
DRUM-3

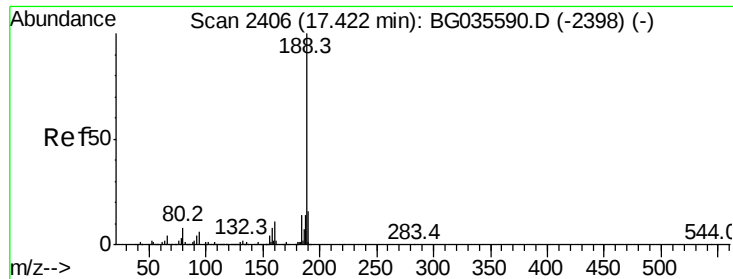
Tot Ion:330 Resp: 266070
Ion Ratio Lower Upper
330 100
332 93.9 77.0 115.6
141 38.8 25.2 37.8#



#44
2-Fluorobiphenyl
Concen: 95.483 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG035659.D
Acq: 14 Jul 2018 10:20

Tgt Ion:172 Resp: 913289
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 23.7 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

Instrument :

BNA_G

ClientSampleId :

DRUM-3

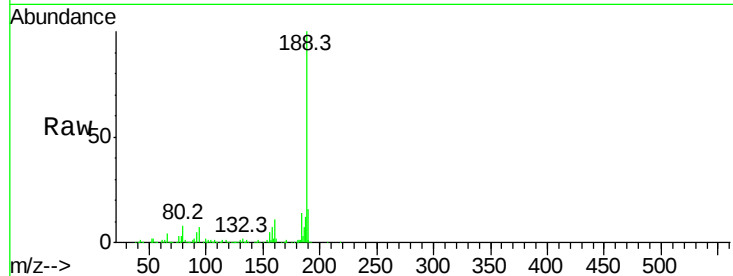
Tot Ion:188 Resp: 355853

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

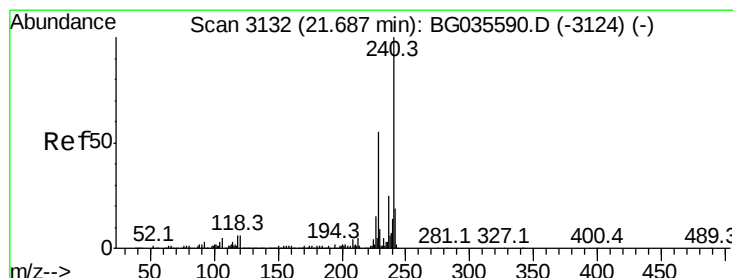
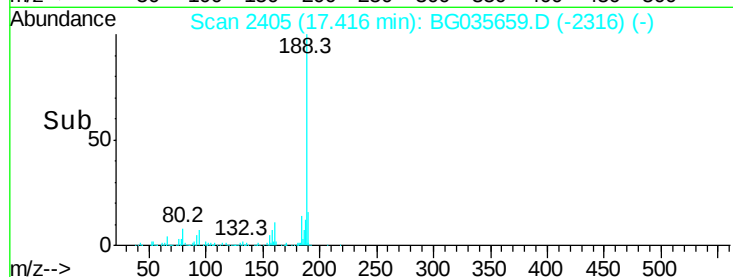
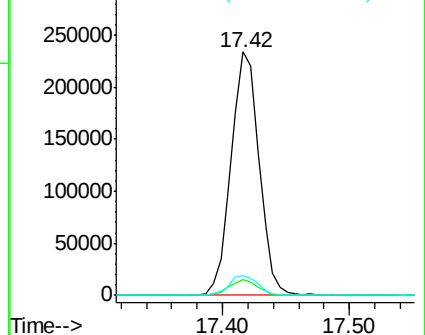
80 8.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

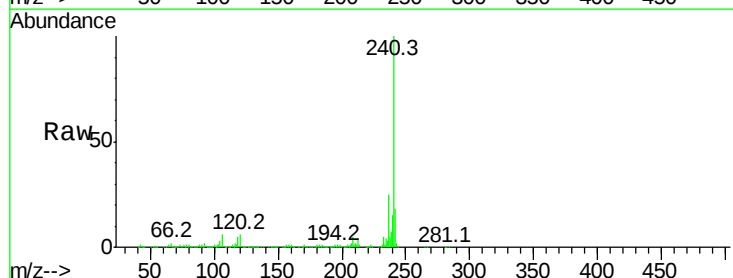
Tgt Ion:240 Resp: 379617

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

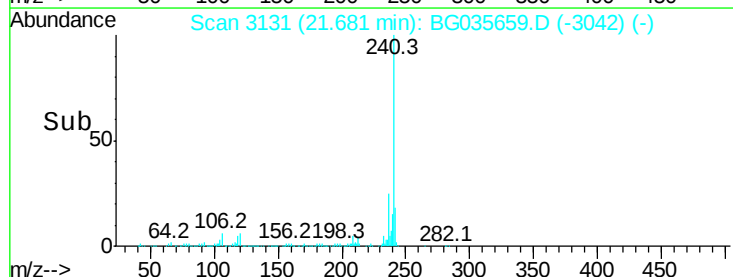
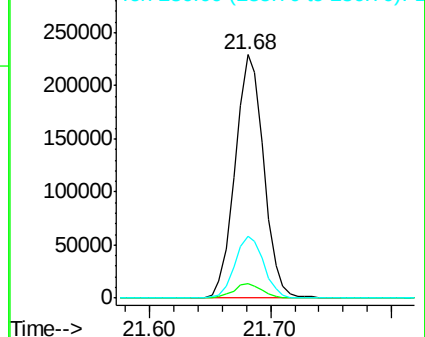
236 25.3 20.9 31.3

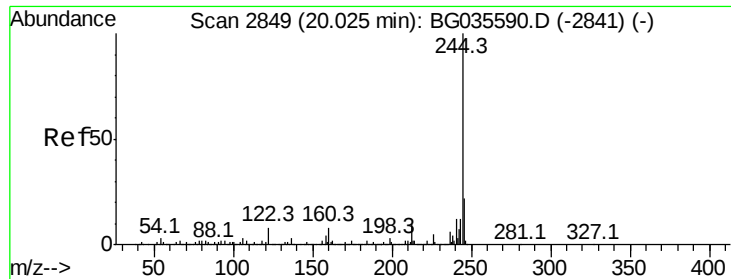


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.968 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

Instrument :

BNA_G

ClientSampleId :

DRUM-3

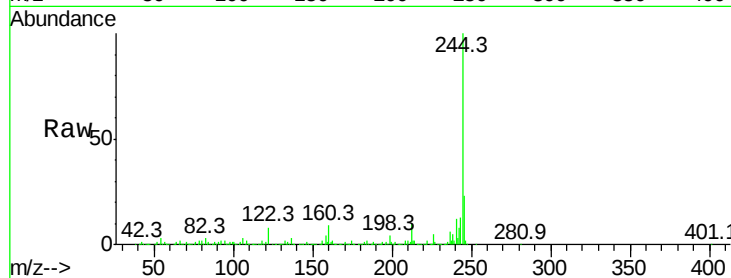
Tot Ion:244 Resp: 1687165

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

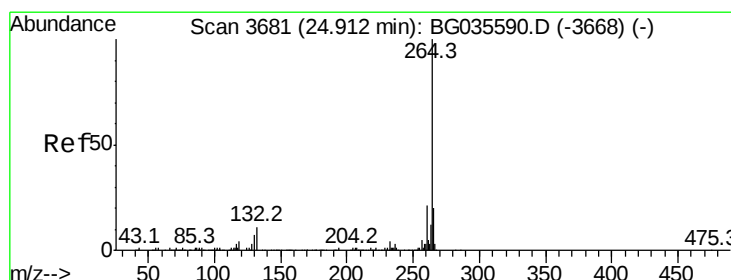
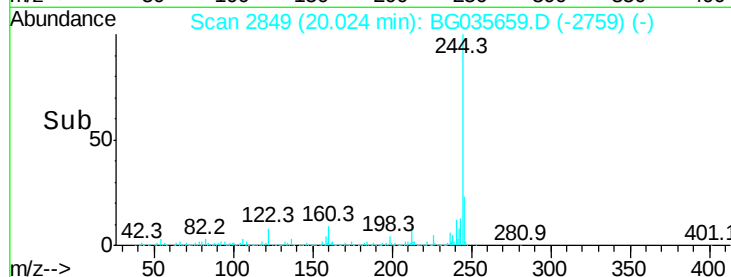
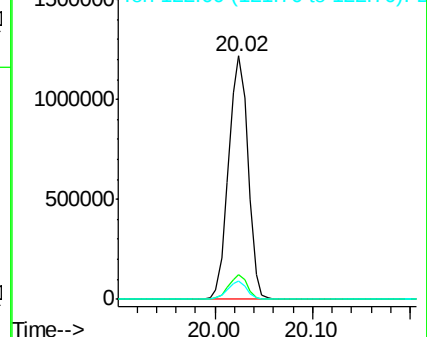
122 7.7 7.0 10.4



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: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG035659.D

Acq: 14 Jul 2018 10:20

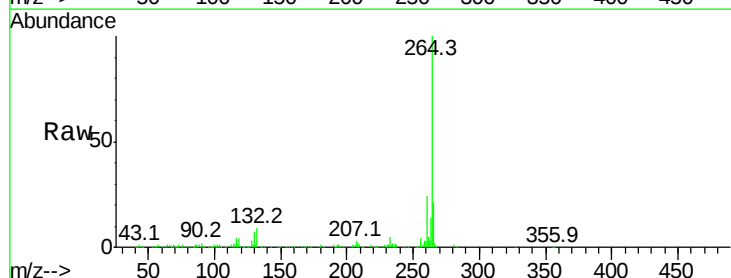
Tgt Ion:264 Resp: 363990

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 20.9 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

