

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035645.D
 Acq On : 14 Jul 2018 1:16
 Operator : JU/SJ
 Sample : J3980-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

Quant Time: Jul 14 04:15:30 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	8.05	152	45270	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	177559	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	128137	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	371406	20.00	ng	0.00
75) Chrysene-d12	21.68	240	402839	20.00	ng	0.00
86) Perylene-d12	24.90	264	377277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	356697	130.82	ng	0.00
7) Phenol-d6	7.22	99	470315	115.61	ng	0.00
23) Nitrobenzene-d5	9.22	82	386657	90.97	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	260697	154.36	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	844285	88.27	ng	0.00
78) Terphenyl-d14	20.03	244	1722255	94.24	ng	0.00

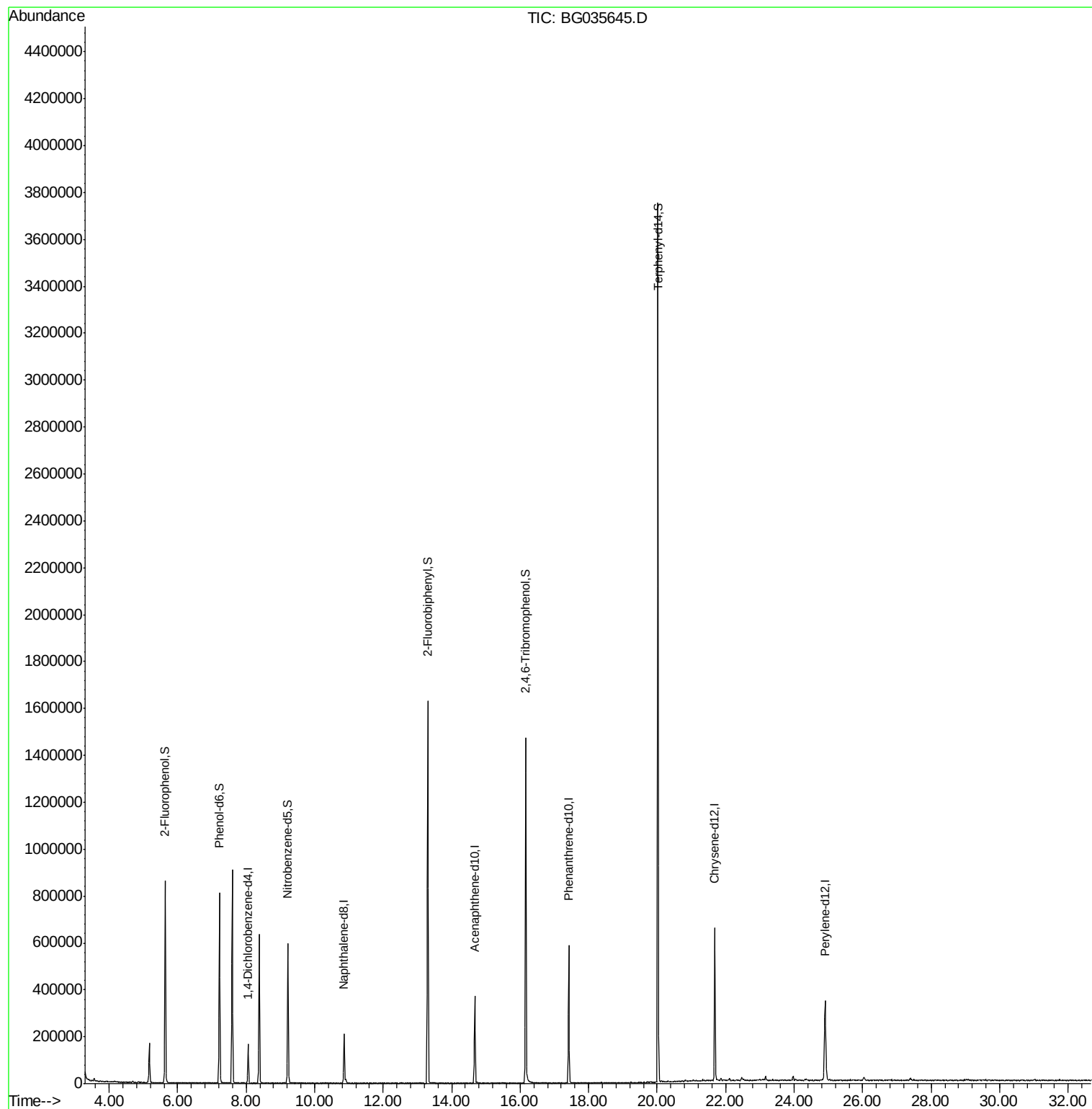
Target Compounds Qvalue

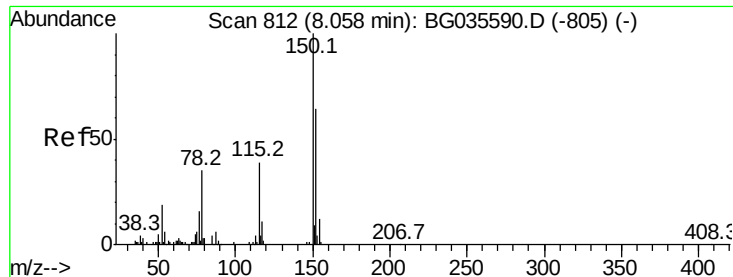
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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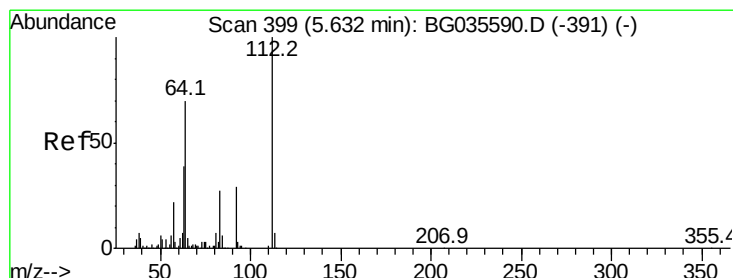
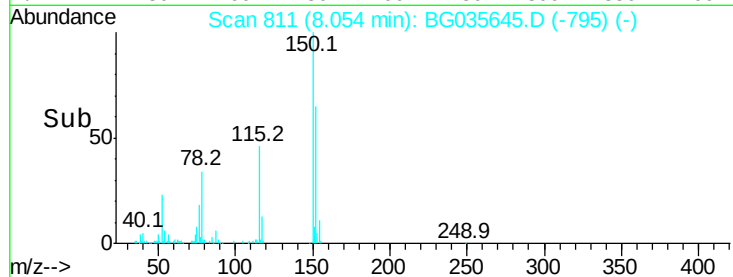
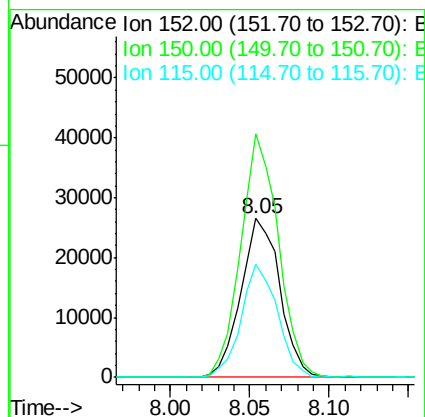
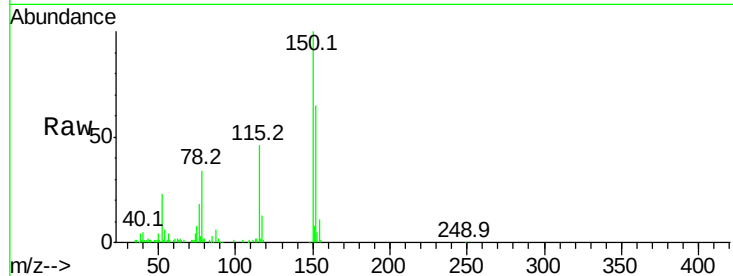


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

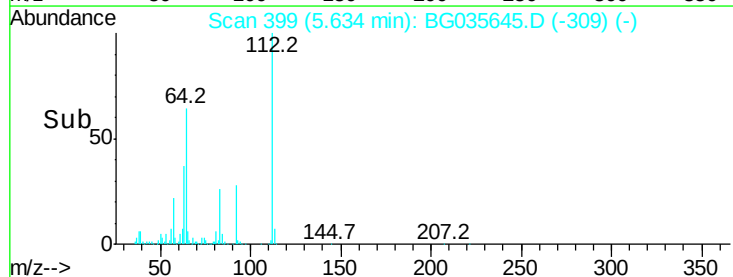
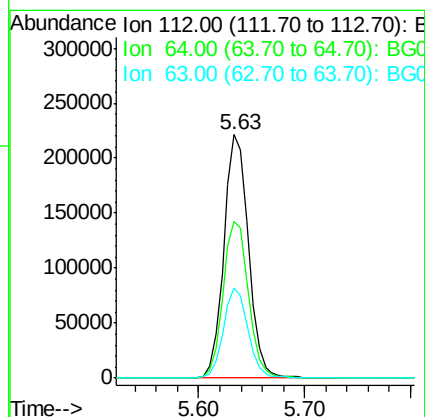
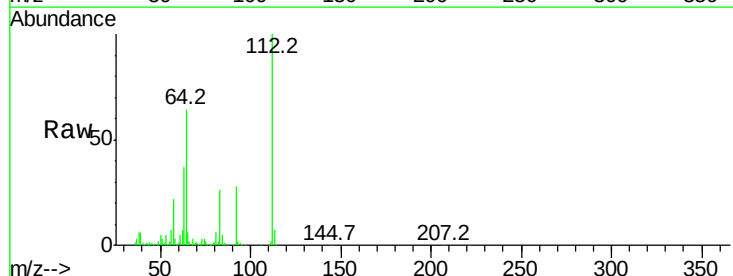
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	126.6	189.8
115	71.0	53.0	79.4

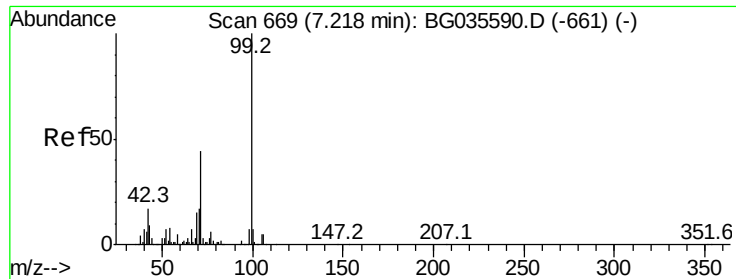


#5

2-Fluorophenol
 Concen: 130.815 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	56.3	84.5
63	37.2	30.1	45.1





#7

Phenol-d6

Concen: 115.607 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035645.D

Acq: 14 Jul 2018 1:16

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-D

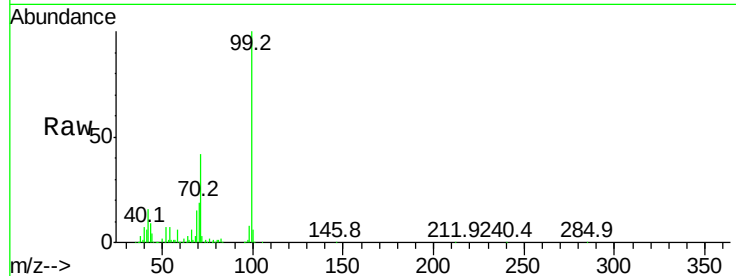
Tot Ion: 99 Resp: 470315

Ion Ratio Lower Upper

99 100

42 16.5 14.1 21.1

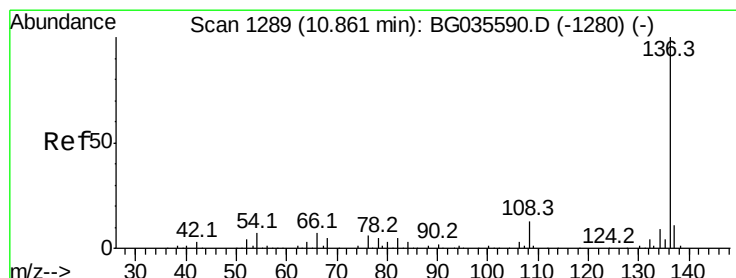
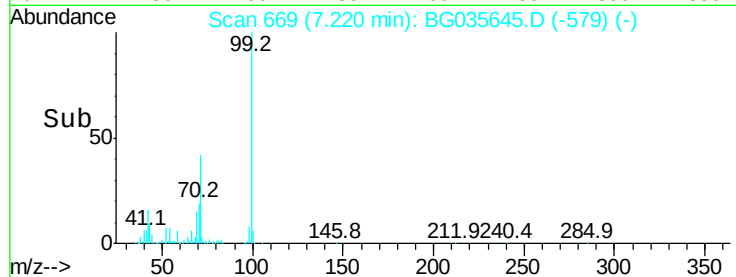
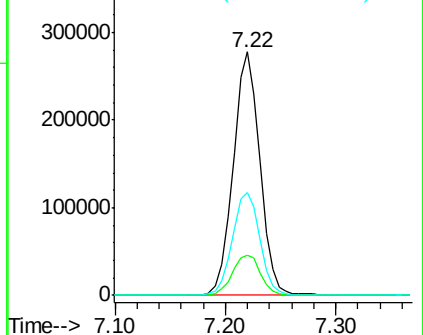
71 42.2 26.1 39.1#



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: 10.86 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG035645.D

Acq: 14 Jul 2018 1:16

Tgt Ion: 136 Resp: 177559

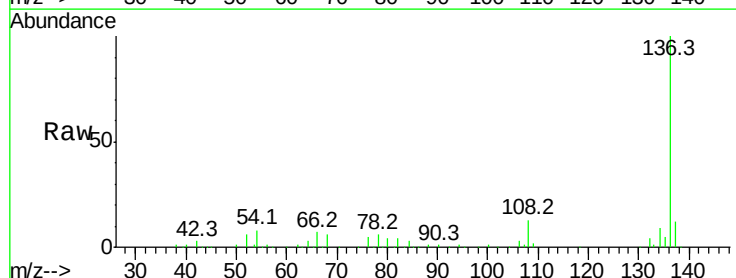
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 8.0 10.3 15.5#

68 6.3 4.5 6.7

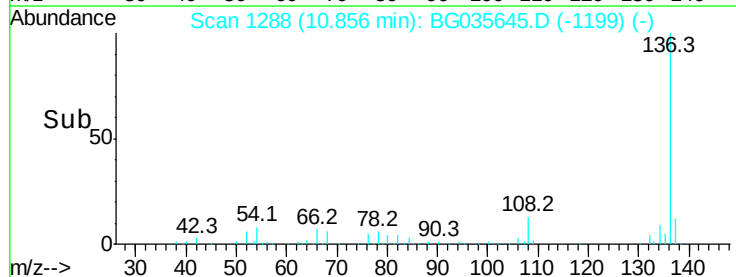
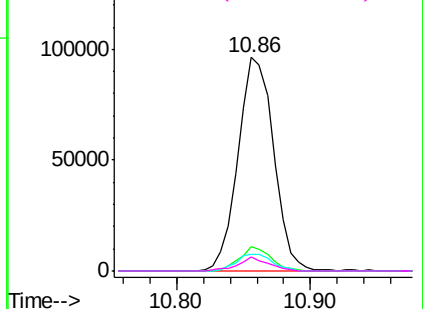


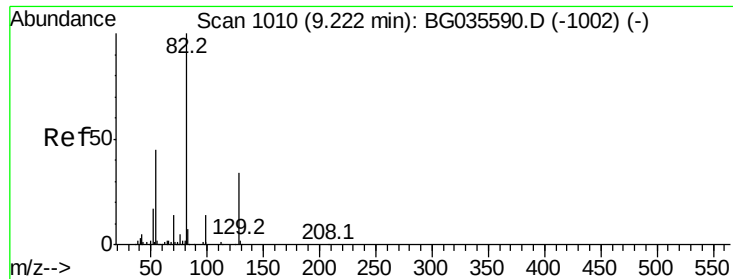
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

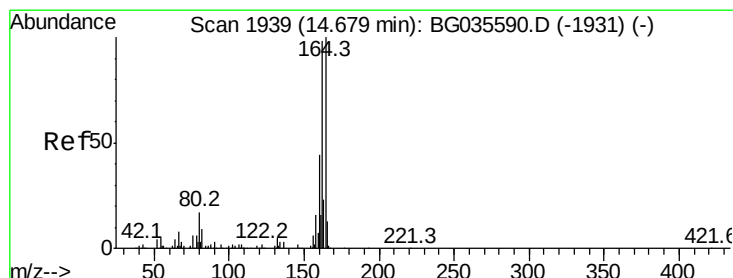
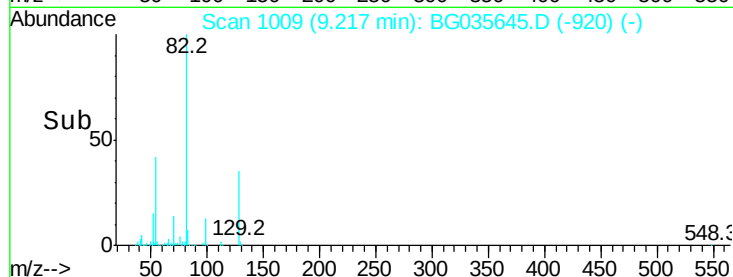
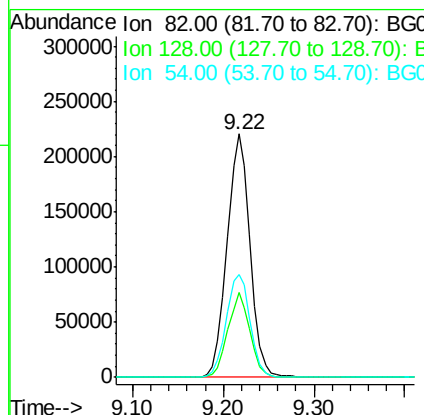
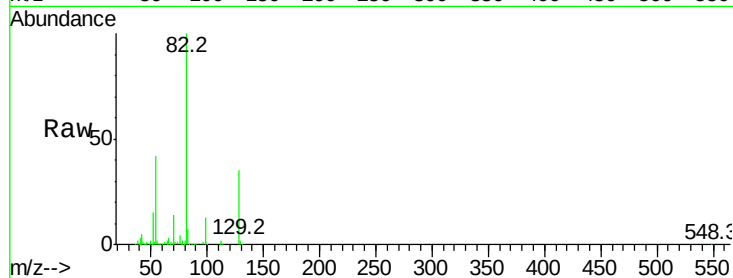




#23
 Nitrobenzene-d5
 Concen: 90.970 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

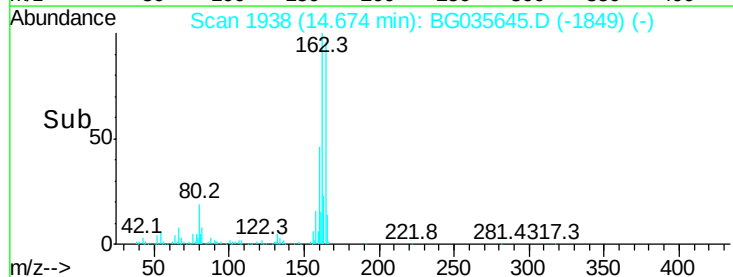
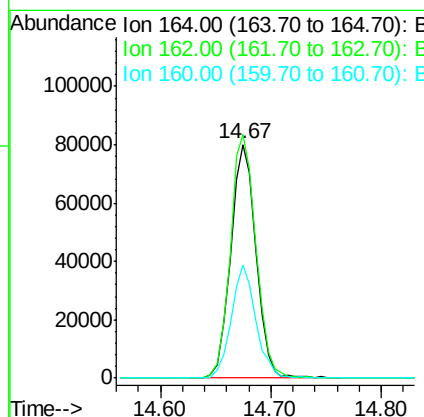
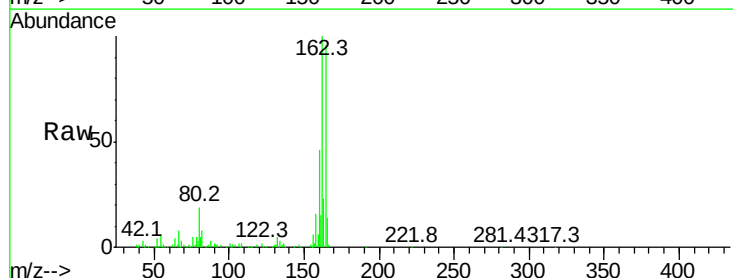
Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

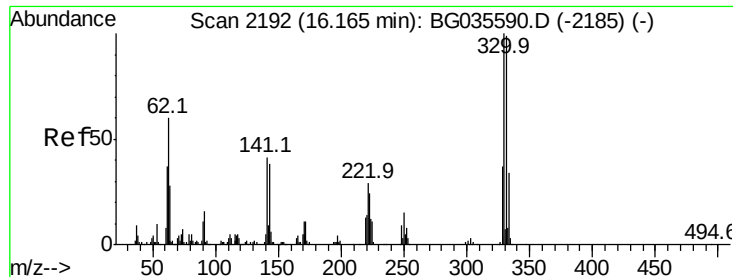
Tot Ion: 82 Resp: 386657
 Ion Ratio Lower Upper
 82 100
 128 34.8 29.7 44.5
 54 42.4 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

Tgt Ion:164 Resp: 128137
 Ion Ratio Lower Upper
 164 100
 162 104.3 78.8 118.2
 160 48.4 35.4 53.0

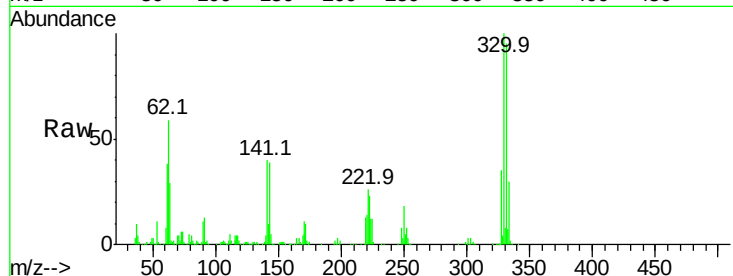




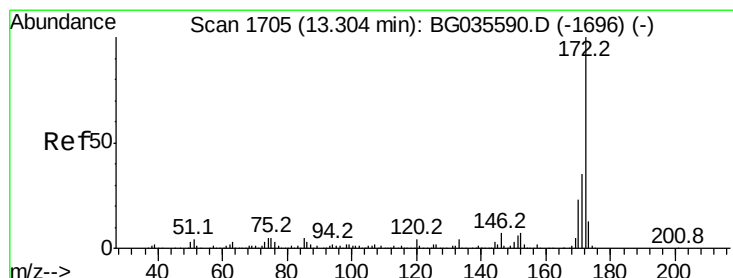
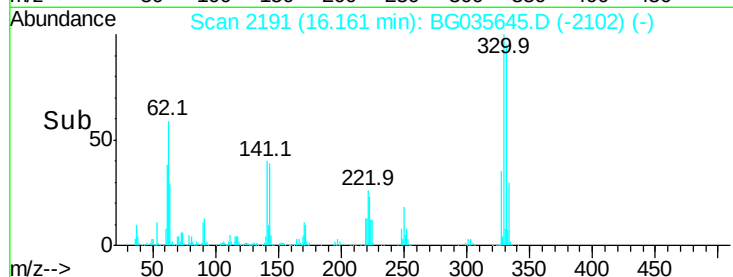
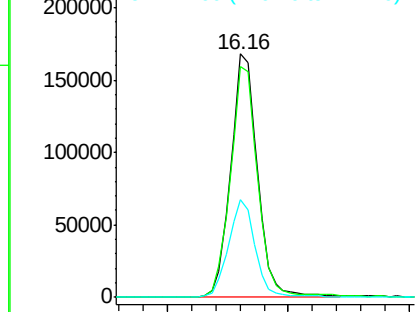
#41
 2,4,6-Tribromophenol
 Concen: 154.356 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-E-MH-D

Tot Ion:330 Resp: 260697
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.0 25.2 37.8#

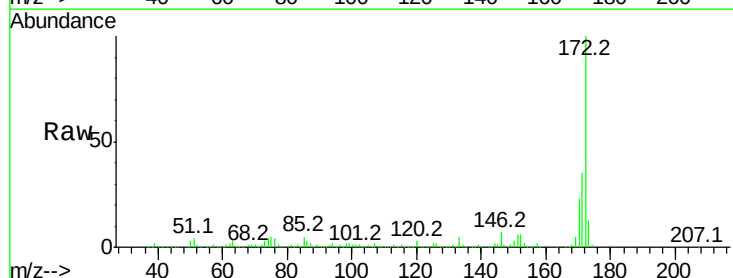


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

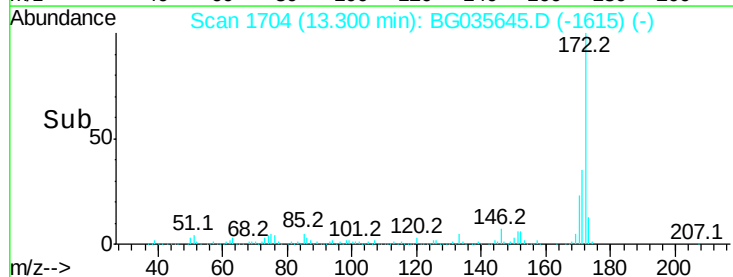
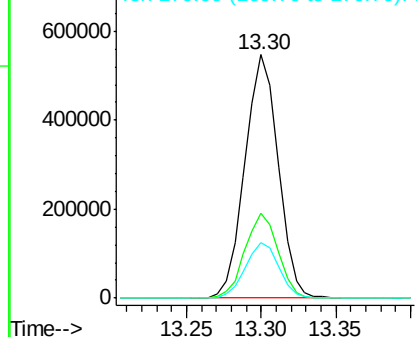


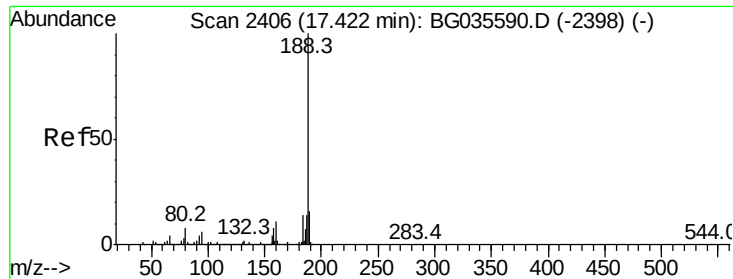
#44
 2-Fluorobiphenyl
 Concen: 88.275 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: BG035645.D
 Acq: 14 Jul 2018 1:16

Tgt Ion:172 Resp: 844285
 Ion Ratio Lower Upper
 172 100
 171 35.0 30.0 45.0
 170 22.6 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: 17.42 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BG035645.D

Acq: 14 Jul 2018 1:16

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-D

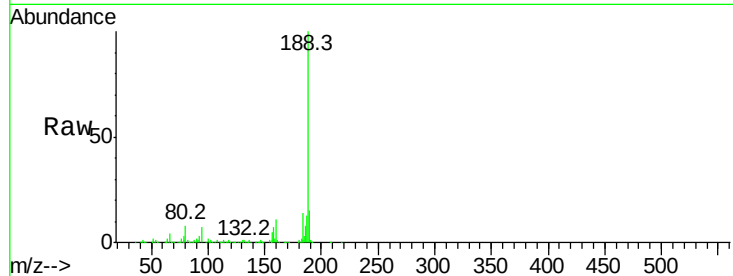
Tot Ion:188 Resp: 371406

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

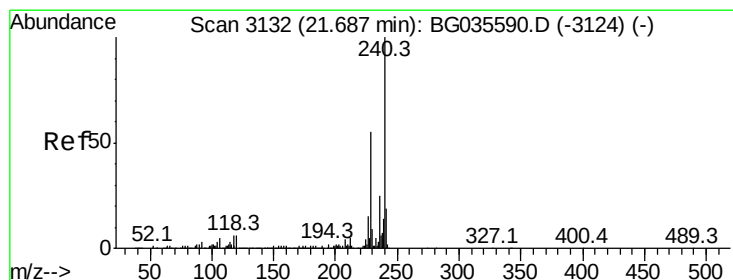
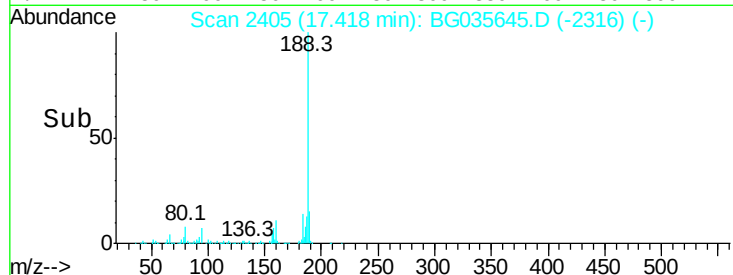
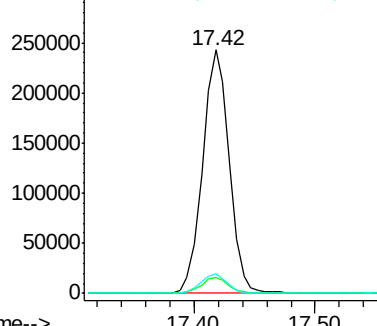
80 7.8 7.7 11.5



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: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035645.D

Acq: 14 Jul 2018 1:16

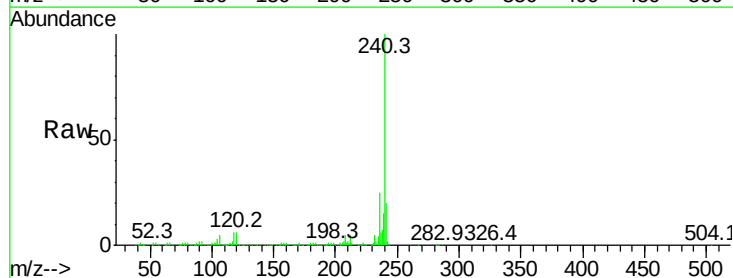
Tgt Ion:240 Resp: 402839

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

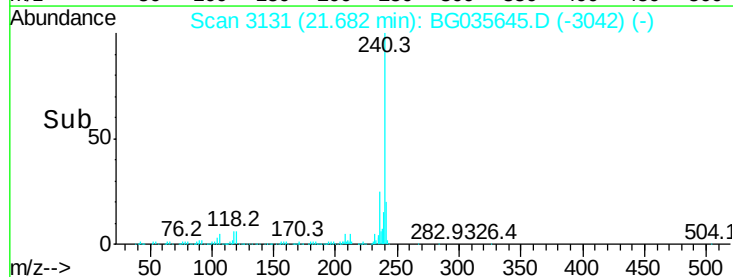
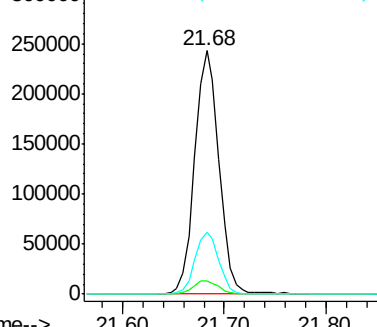
236 25.2 20.9 31.3

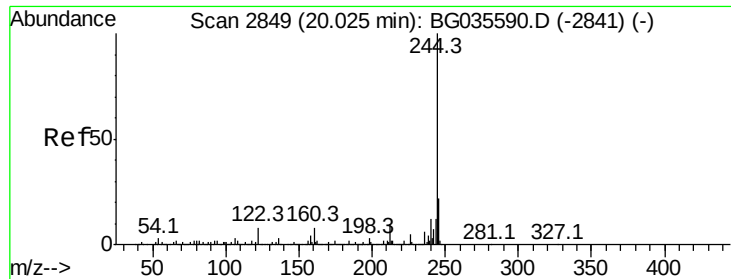


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.240 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035645.D

Acq: 14 Jul 2018 1:16

Instrument :

BNA_G

ClientSampleId :

TP-E-MH-D

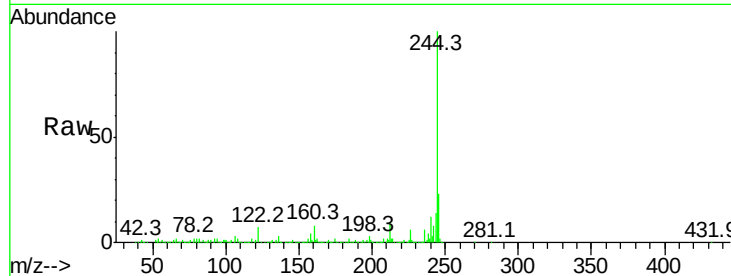
Tot Ion:244 Resp: 1722255

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

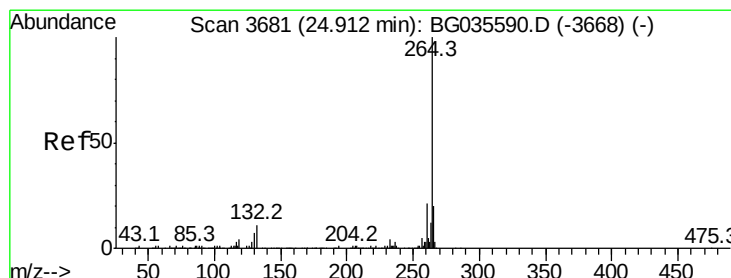
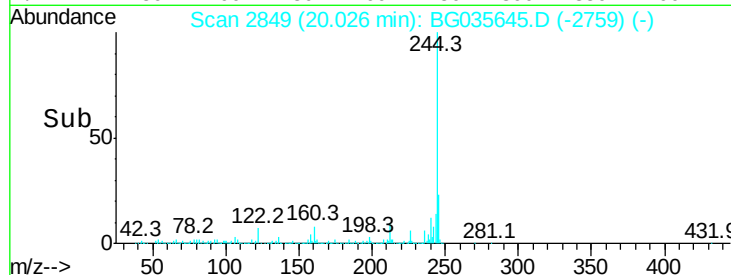
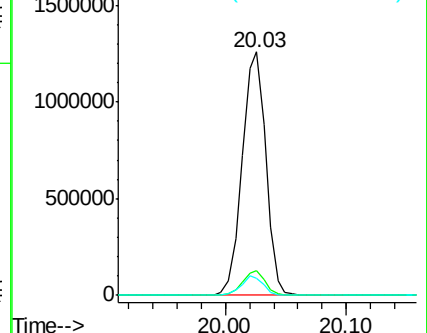
122 7.2 7.0 10.4



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: BG035645.D

Acq: 14 Jul 2018 1:16

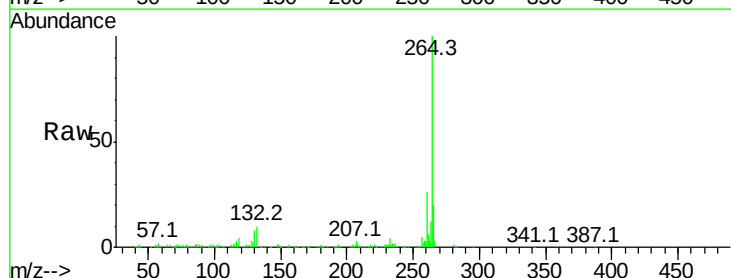
Tgt Ion:264 Resp: 377277

Ion Ratio Lower Upper

264 100

260 25.8 17.4 26.0

265 20.3 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

