

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035657.D
 Acq On : 14 Jul 2018 9:02
 Operator : JU/SJ
 Sample : J3821-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-071218-A

Quant Time: Jul 16 01:12:58 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	41080	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	159082	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	116806	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	338373	20.00	ng	0.00
75) Chrysene-d12	21.68	240	357934	20.00	ng	0.00
86) Perylene-d12	24.90	264	329478	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	369440	149.31	ng	0.00
7) Phenol-d6	7.22	99	510997	138.42	ng	0.00
23) Nitrobenzene-d5	9.22	82	390777	102.62	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	254867	165.54	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	883930	101.38	ng	0.00
78) Terphenyl-d14	20.02	244	1670375	102.87	ng	0.00

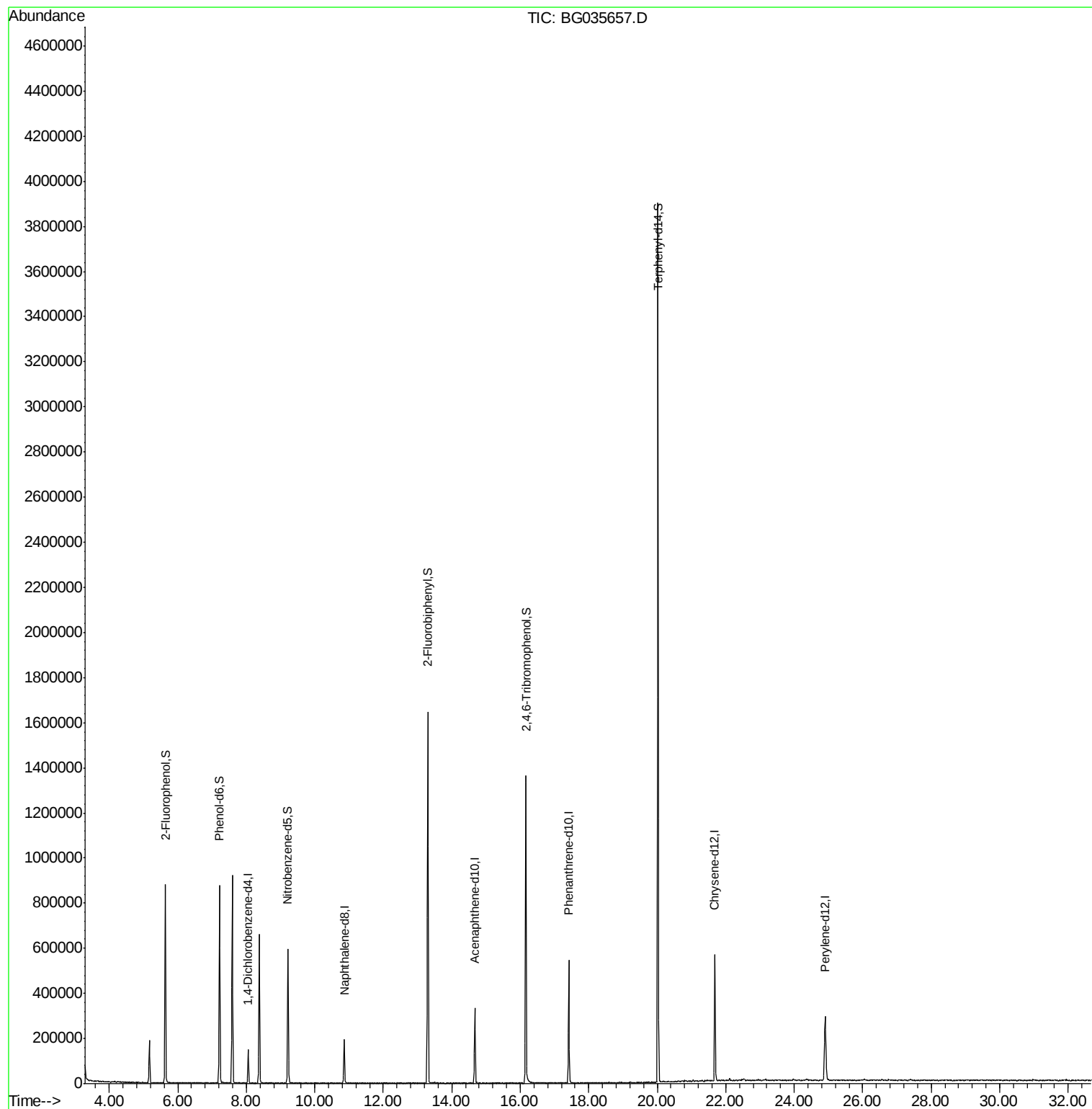
Target Compounds Qvalue

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

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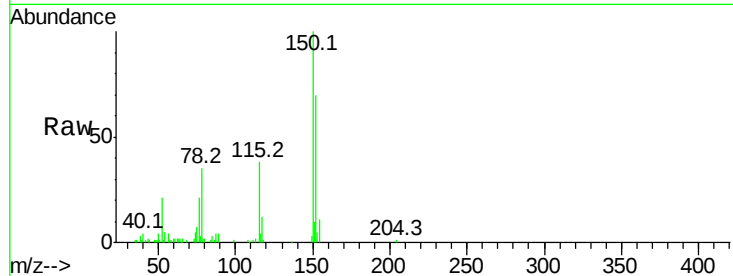


#1

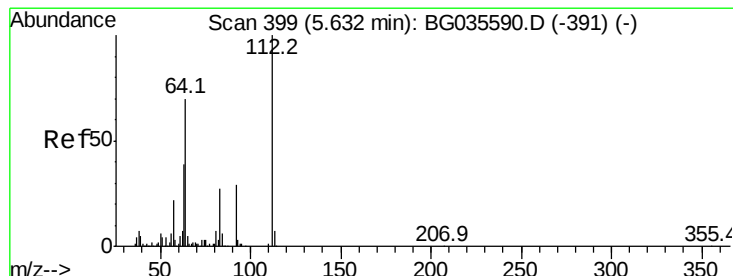
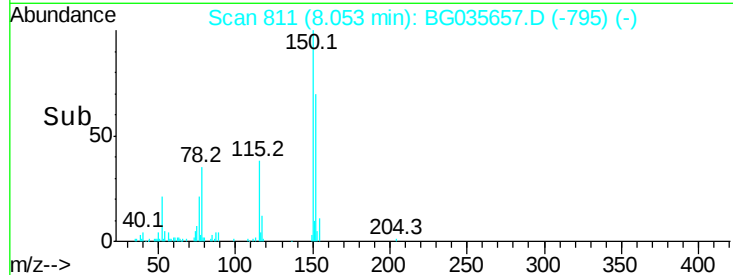
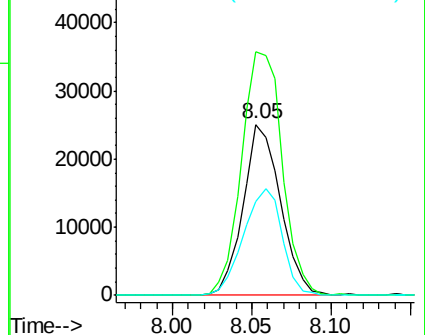
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035657.D
Acq: 14 Jul 2018 9:02

Instrument :
BNA_G
ClientSampleId :
HR-05-071218-A

Tot Ion:152 Resp: 41080
Ion Ratio Lower Upper
152 100
150 142.4 126.6 189.8
115 54.8 53.0 79.4



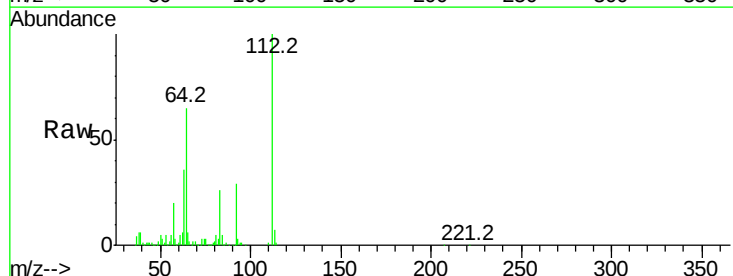
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



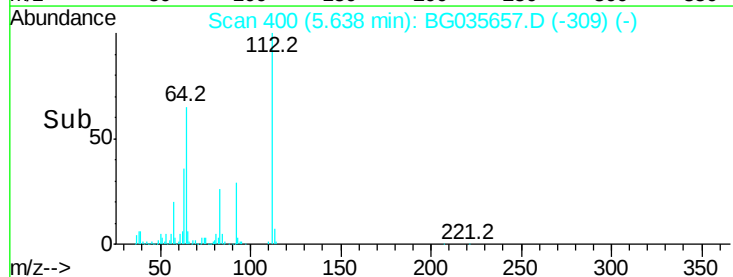
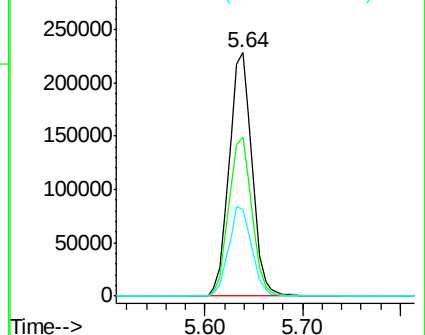
#5

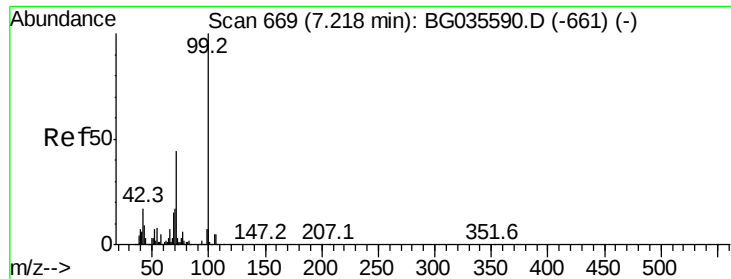
2-Fluorophenol
Concen: 149.308 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035657.D
Acq: 14 Jul 2018 9:02

Tgt Ion:112 Resp: 369440
Ion Ratio Lower Upper
112 100
64 65.2 56.3 84.5
63 35.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 138.418 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035657.D

Acq: 14 Jul 2018 9:02

Instrument :

BNA_G

ClientSampleId :

HR-05-071218-A

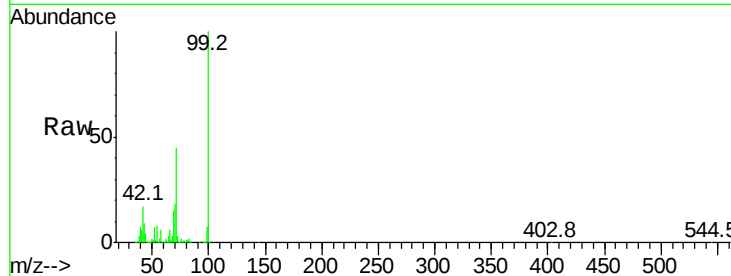
Tot Ion: 99 Resp: 510997

Ion Ratio Lower Upper

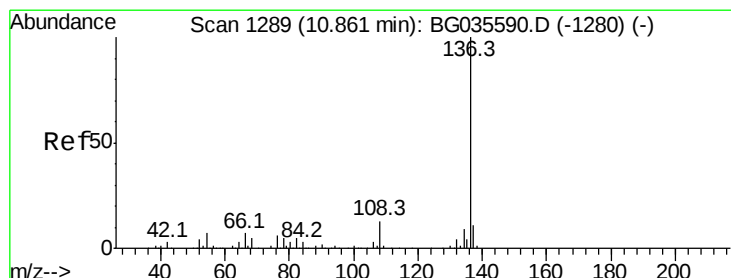
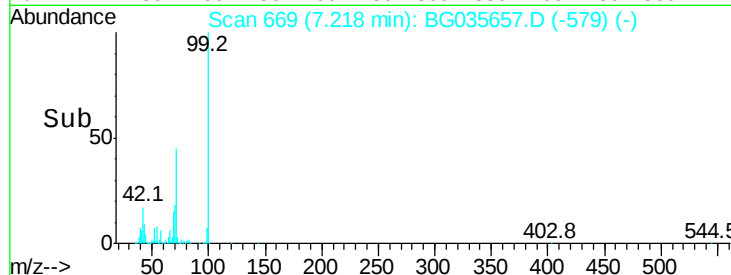
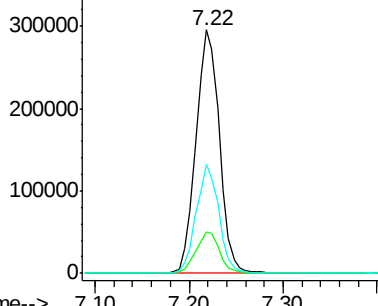
99 100

42 17.2 14.1 21.1

71 45.0 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# 1289

Delta R.T. 0.00 min

Lab File: BG035657.D

Acq: 14 Jul 2018 9:02

Tgt Ion: 136 Resp: 159082

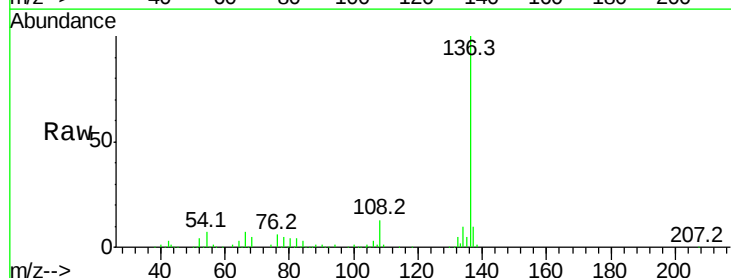
Ion Ratio Lower Upper

136 100

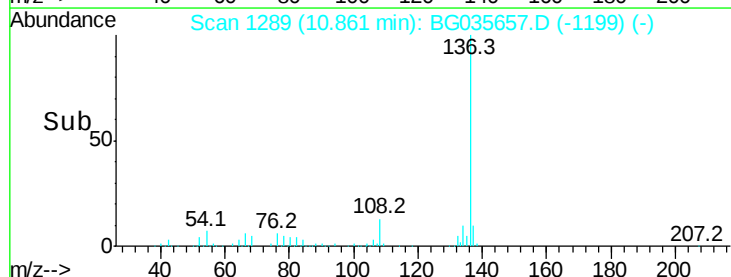
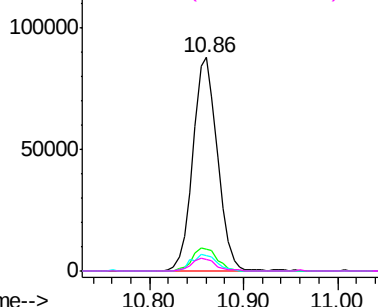
137 10.4 9.2 13.8

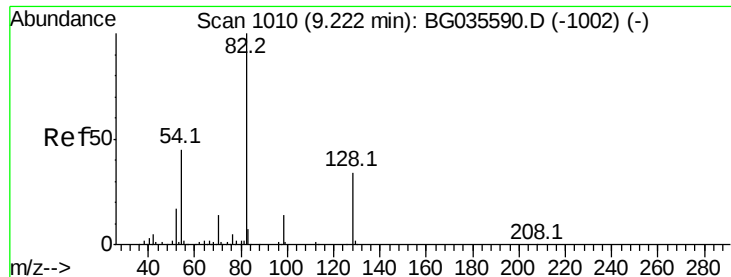
54 7.1 10.3 15.5#

68 5.2 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: 102.618 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BG035657.D

Acq: 14 Jul 2018 9:02

Instrument :

BNA_G

ClientSampleId :

HR-05-071218-A

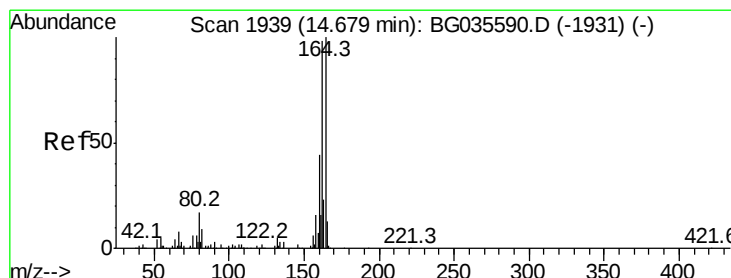
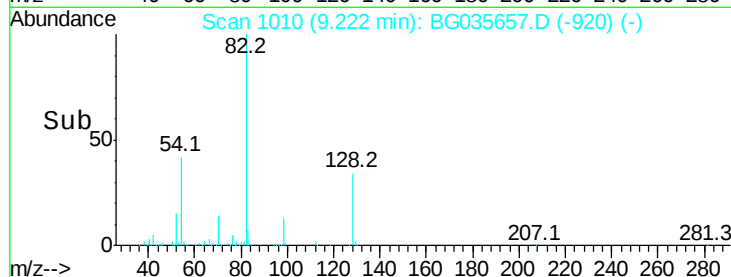
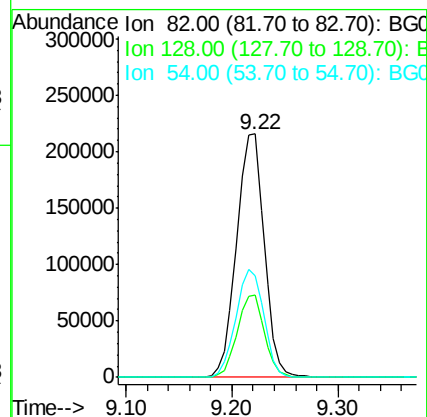
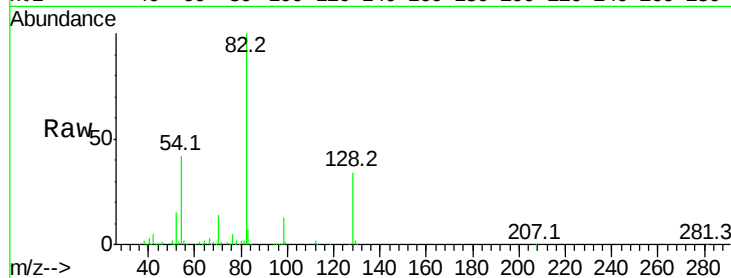
Tot Ion: 82 Resp: 390777

Ion Ratio Lower Upper

82 100

128 33.9 29.7 44.5

54 41.6 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: BG035657.D

Acq: 14 Jul 2018 9:02

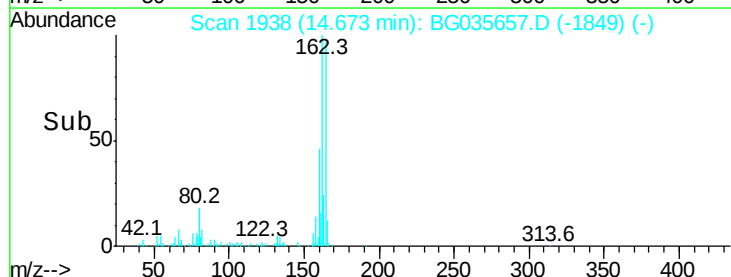
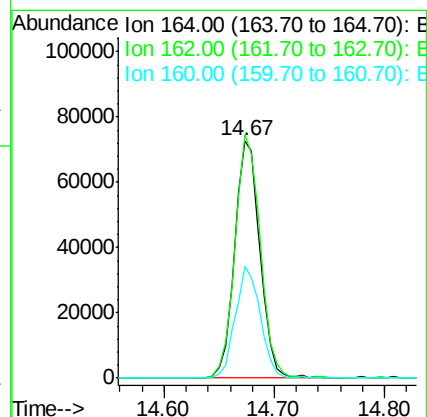
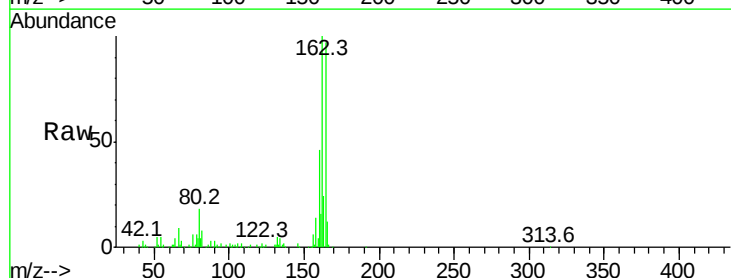
Tgt Ion: 164 Resp: 116806

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

160 47.2 35.4 53.0

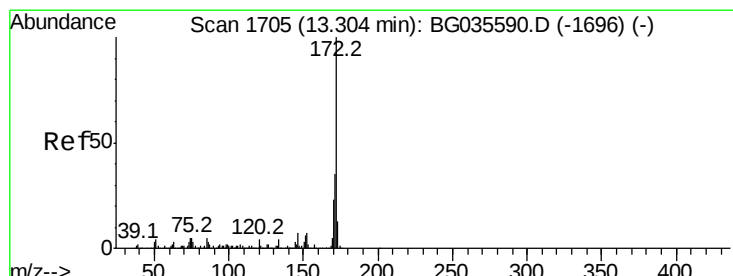
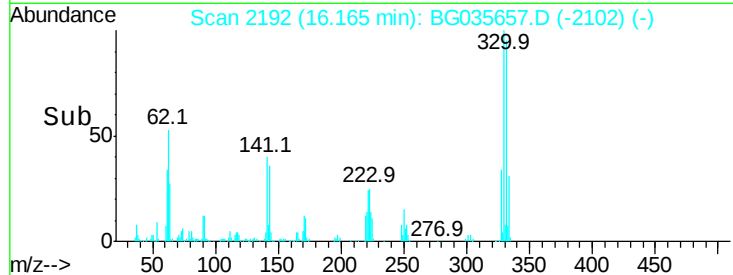
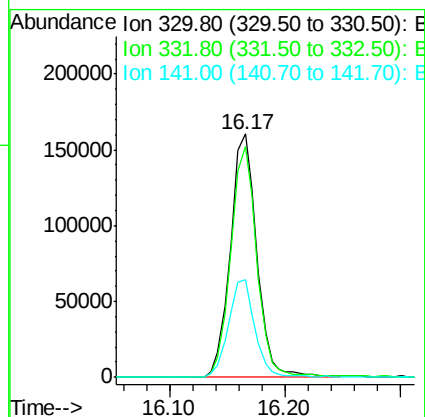
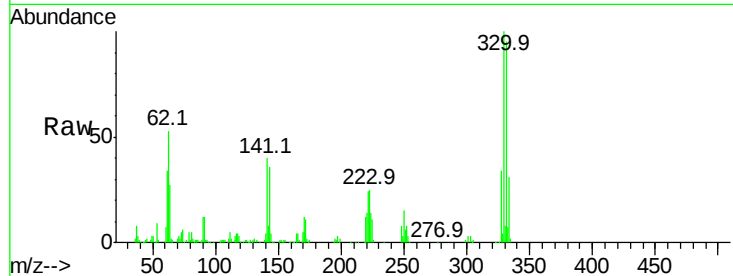




#41
 2,4,6-Tribromophenol
 Concen: 165.543 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035657.D
 Acq: 14 Jul 2018 9:02

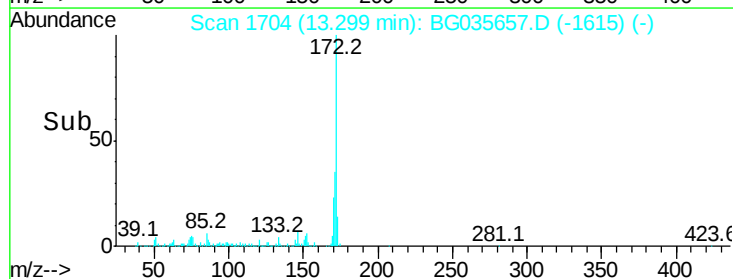
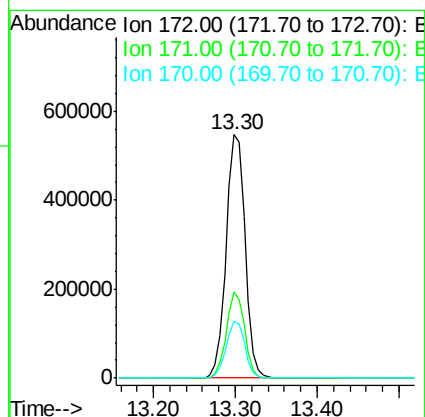
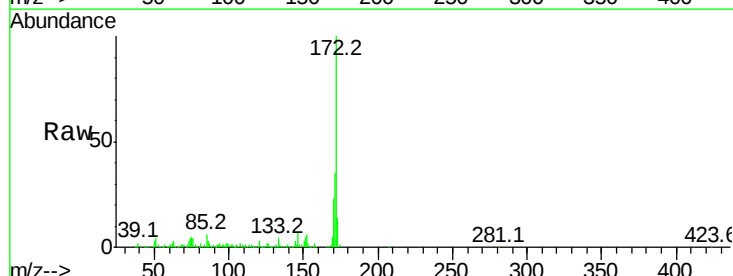
Instrument :
 BNA_G
 ClientSampleId :
 HR-05-071218-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	39.7	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.385 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035657.D
 Acq: 14 Jul 2018 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	30.0	45.0
170	23.4	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: BG035657.D

Acq: 14 Jul 2018 9:02

Instrument :

BNA_G

ClientSampleId :

HR-05-071218-A

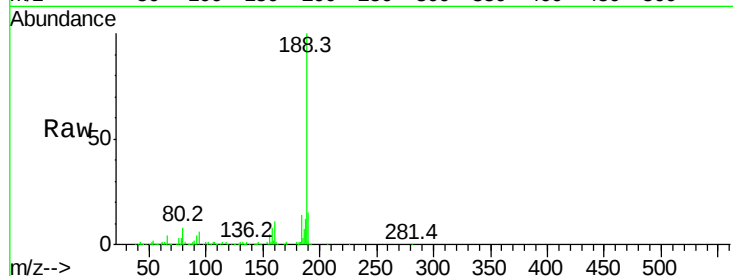
Tot Ion:188 Resp: 338373

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

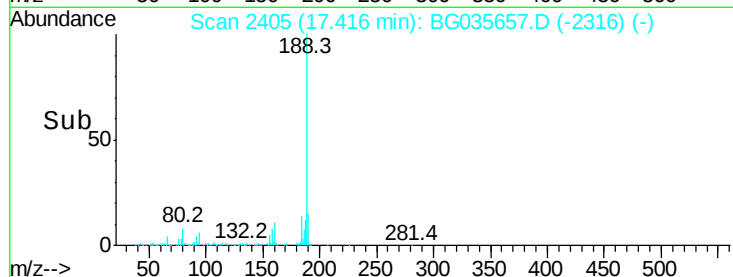
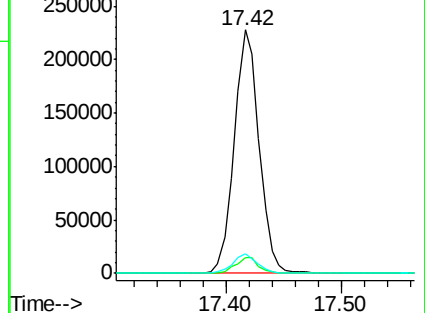
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG035590.D (-2398) (-)

Ion 80.00 (79.70 to 80.70): BG035590.D (-2398) (-)



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG035657.D

Acq: 14 Jul 2018 9:02

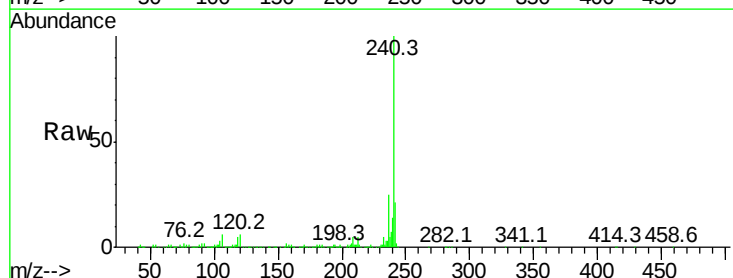
Tgt Ion:240 Resp: 357934

Ion Ratio Lower Upper

240 100

120 5.7 6.8 10.2#

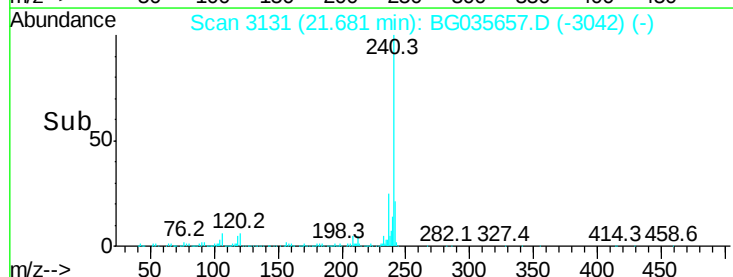
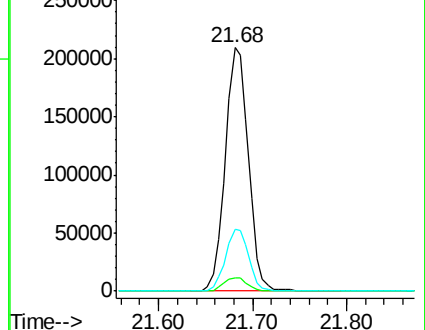
236 25.2 20.9 31.3

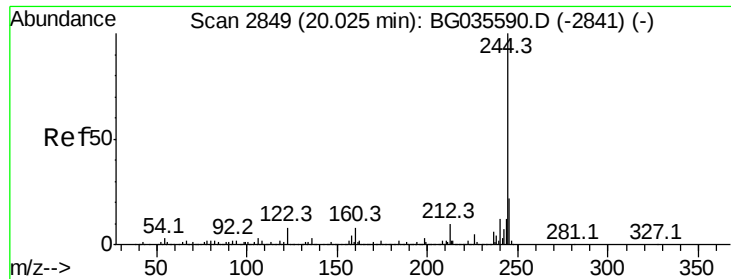


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 102.868 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035657.D

Acq: 14 Jul 2018 9:02

Instrument :

BNA_G

ClientSampleId :

HR-05-071218-A

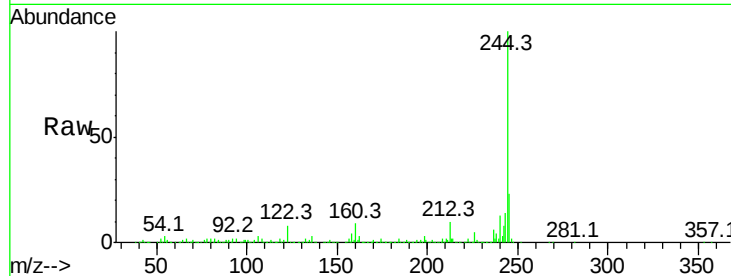
Tot Ion:244 Resp: 1670375

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

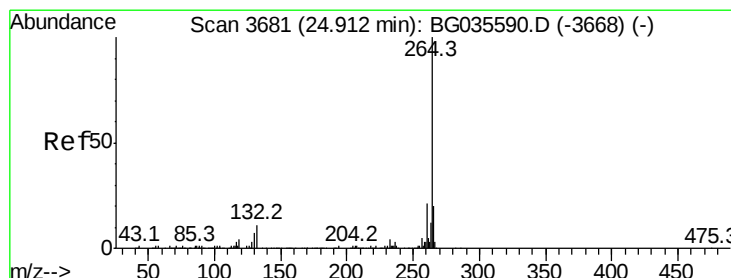
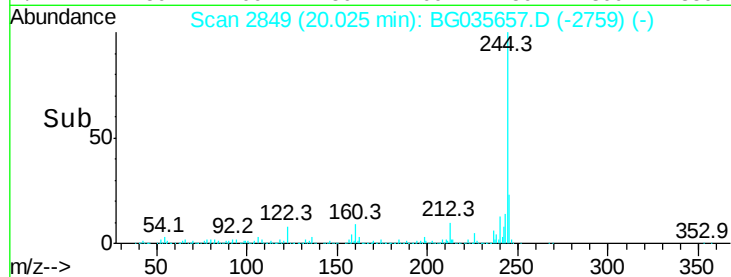
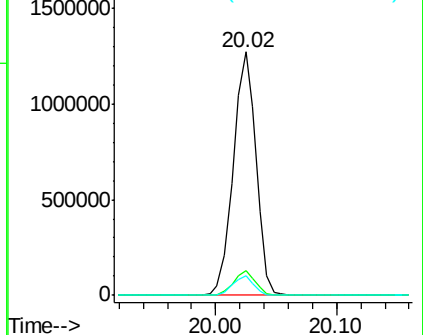
122 8.0 7.0 10.4



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: BG035657.D

Acq: 14 Jul 2018 9:02

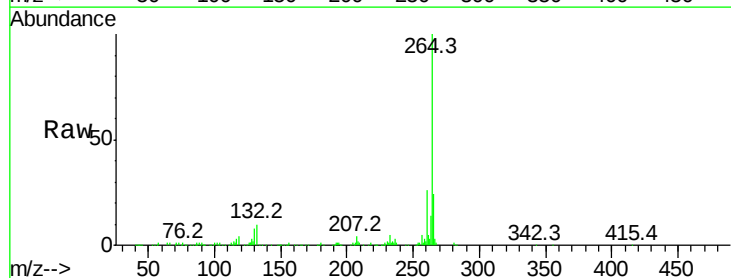
Tgt Ion:264 Resp: 329478

Ion Ratio Lower Upper

264 100

260 25.7 17.4 26.0

265 24.4 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

