

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035649.D
 Acq On : 14 Jul 2018 3:51
 Operator : JU/SJ
 Sample : J3975-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-5

Quant Time: Jul 14 06:27:32 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	8.05	152	44742	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	166986	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	122519	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	353465	20.00	ng	0.00
75) Chrysene-d12	21.68	240	383677	20.00	ng	0.00
86) Perylene-d12	24.90	264	360734	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	378559	140.47	ng	0.00
7) Phenol-d6	7.22	99	486867	121.09	ng	0.00
23) Nitrobenzene-d5	9.22	82	403615	100.97	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	273304	169.24	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	886344	96.92	ng	0.00
78) Terphenyl-d14	20.02	244	1743374	100.16	ng	0.00

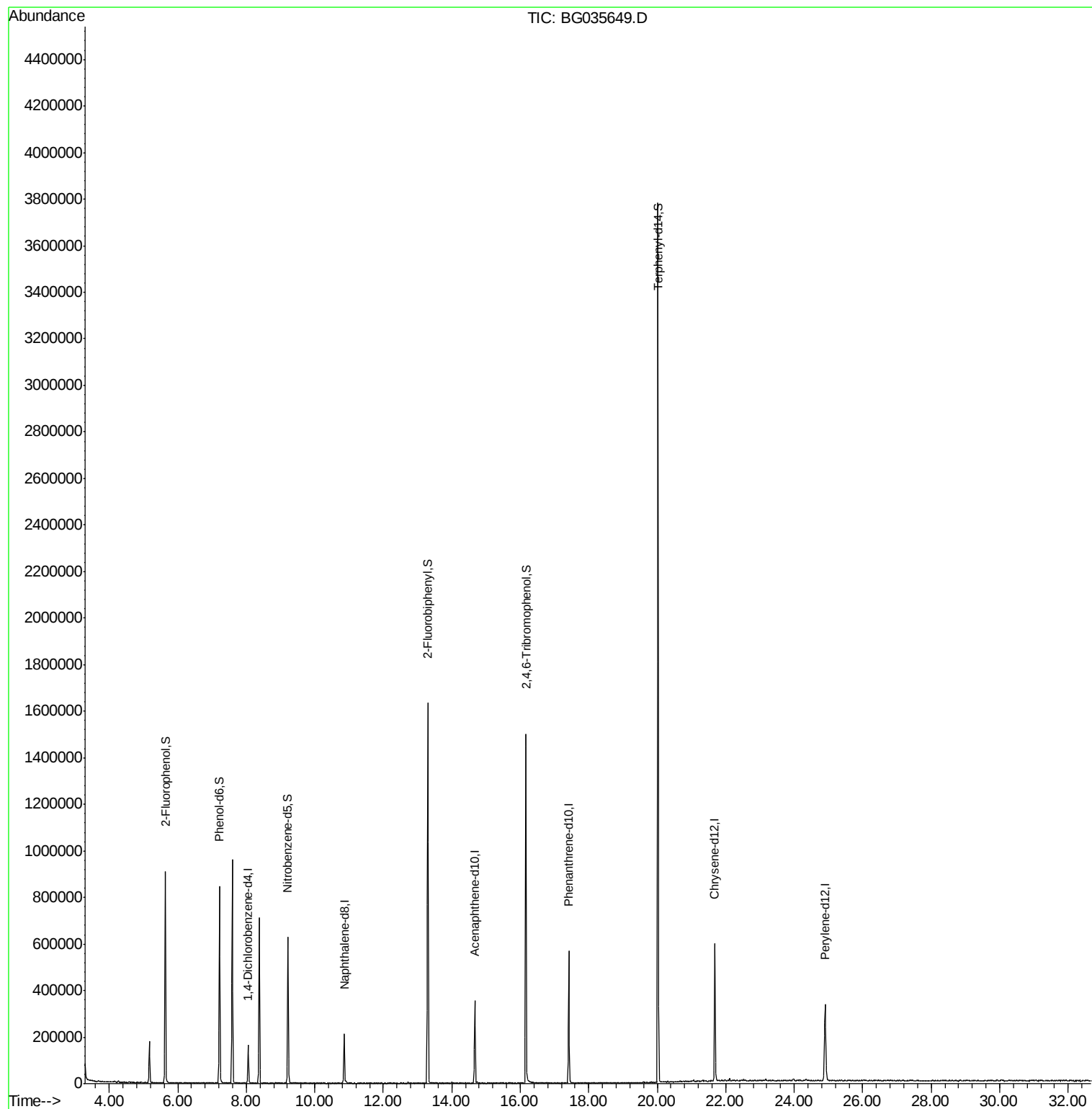
Target Compounds Qvalue

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

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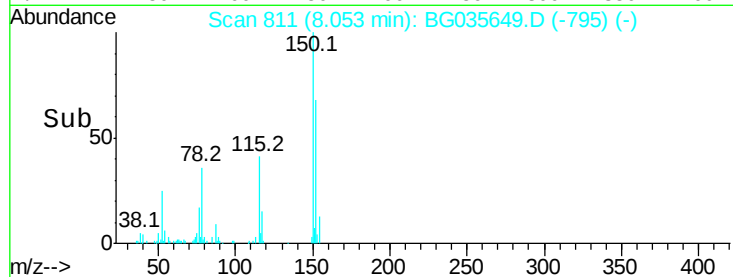
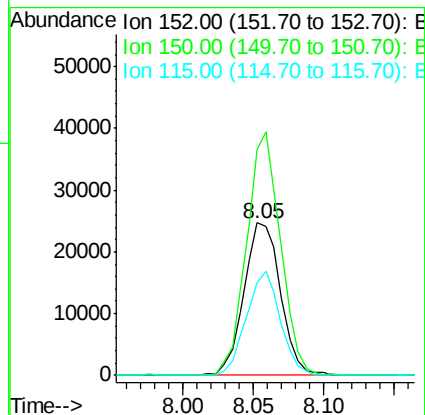
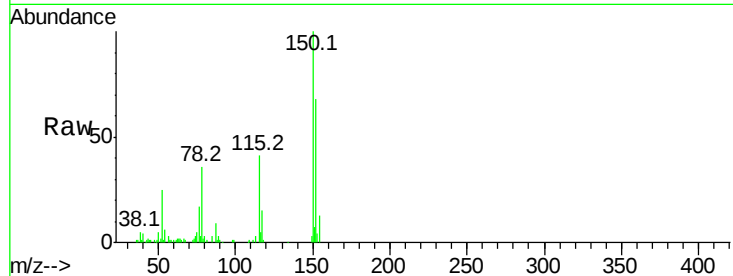


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Instrument :
BNA_G
ClientSampleId :
PAR-5

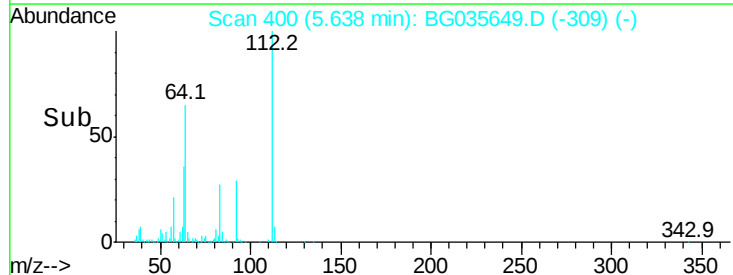
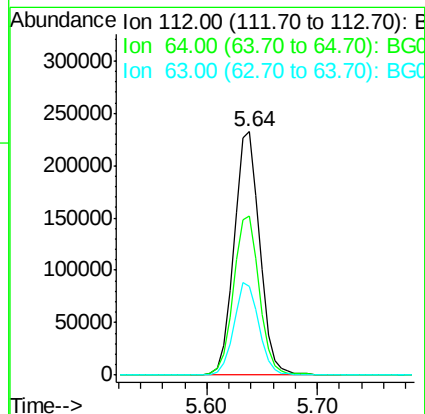
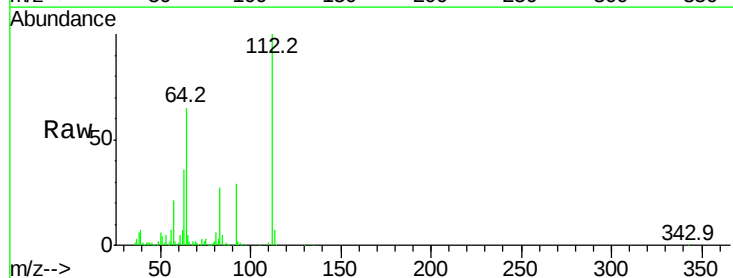
Tot Ion:152 Resp: 44742
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 60.6 53.0 79.4



#5

2-Fluorophenol
Concen: 140.471 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.01 min
Lab File: BG035649.D
Acq: 14 Jul 2018 3:51

Tgt Ion:112 Resp: 378559
Ion Ratio Lower Upper
112 100
64 65.4 56.3 84.5
63 36.3 30.1 45.1





#7

Phenol-d6

Concen: 121.087 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035649.D

Acq: 14 Jul 2018 3:51

Instrument :

BNA_G

ClientSampleId :

PAR-5

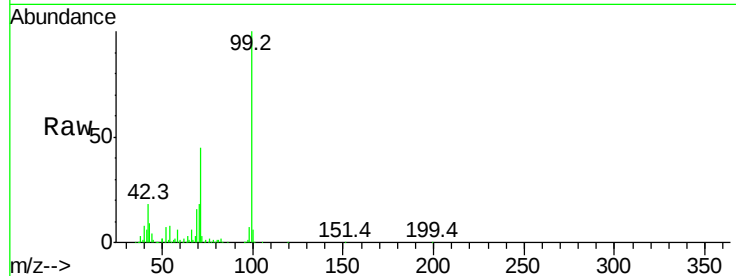
Tot Ion: 99 Resp: 486867

Ion Ratio Lower Upper

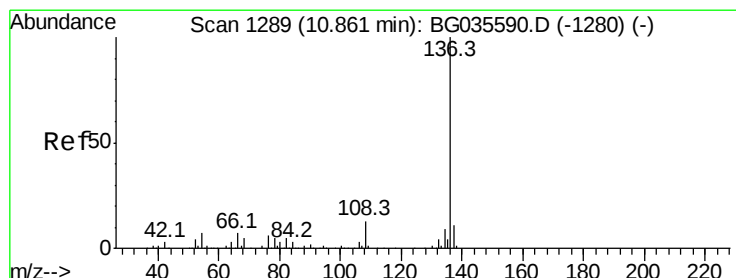
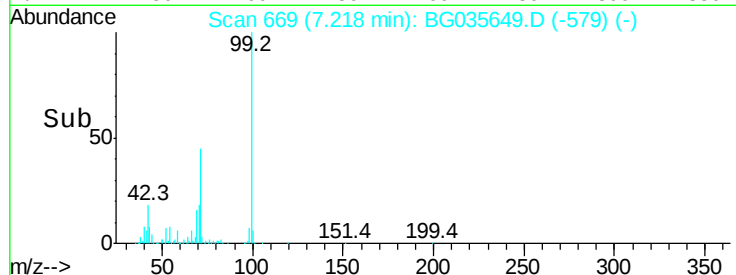
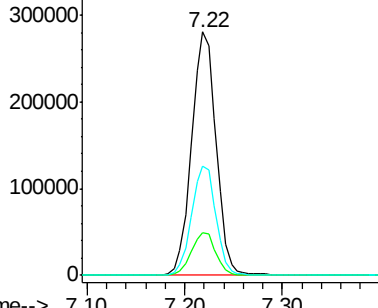
99 100

42 17.6 14.1 21.1

71 44.9 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: BG035649.D

Acq: 14 Jul 2018 3:51

Tgt Ion: 136 Resp: 166986

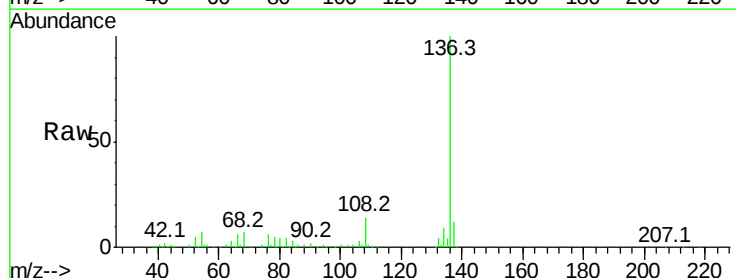
Ion Ratio Lower Upper

136 100

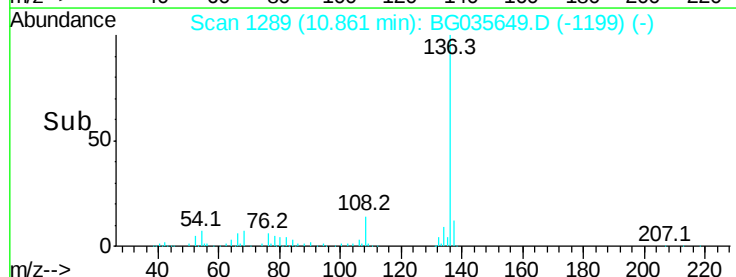
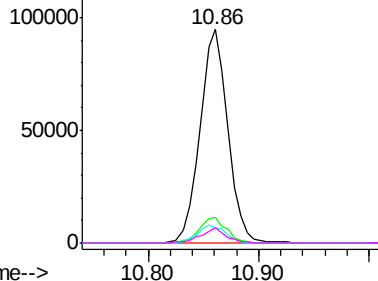
137 11.7 9.2 13.8

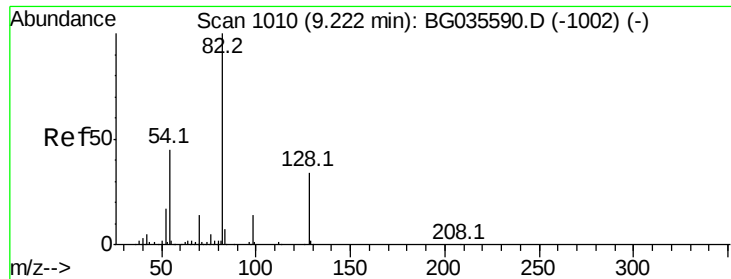
54 7.1 10.3 15.5#

68 7.0 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

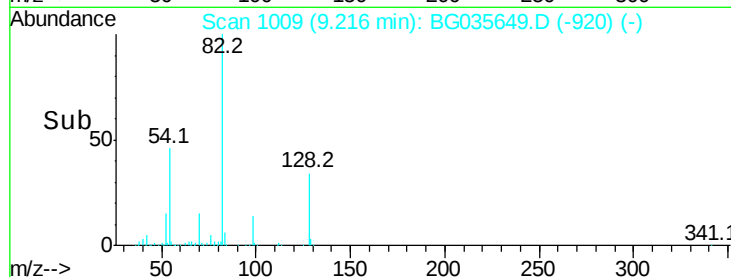
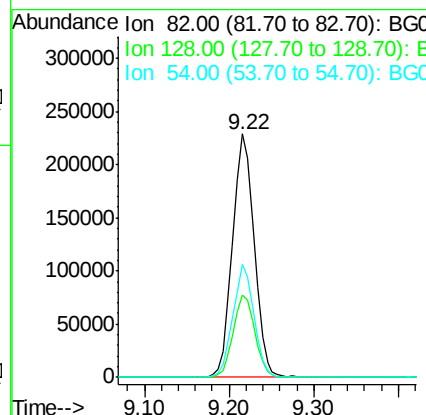
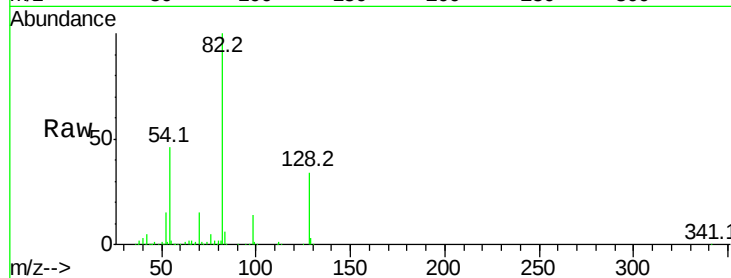




#23
 Nitrobenzene-d5
 Concen: 100.972 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

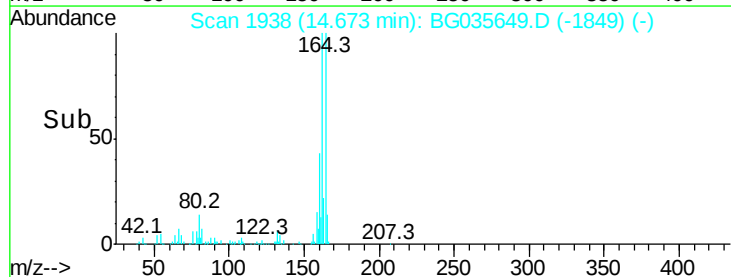
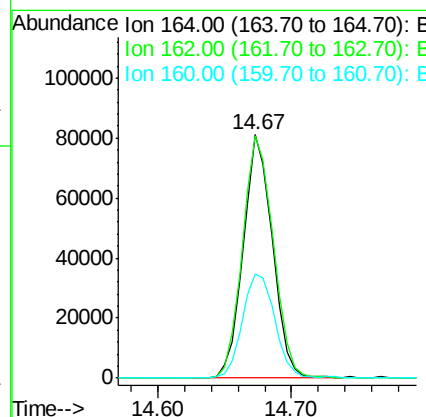
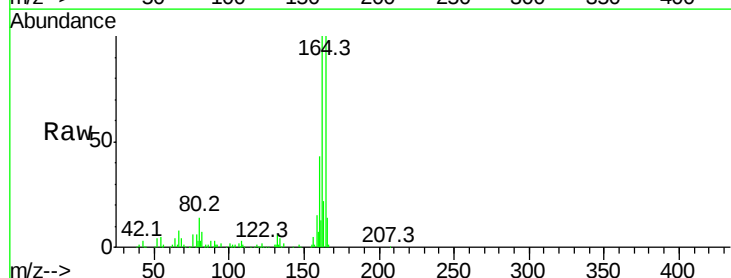
Instrument :
 BNA_G
 ClientSampleId :
 PAR-5

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	46.2	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: BG035649.D
 Acq: 14 Jul 2018 3:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	42.9	35.4	53.0

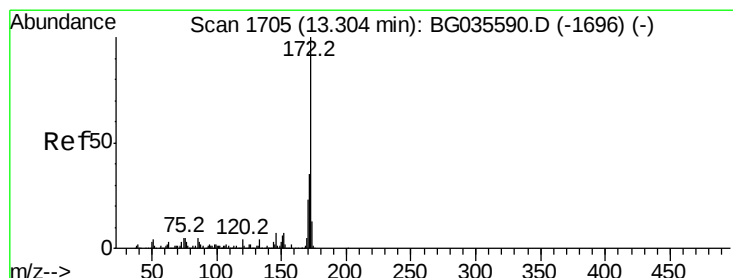
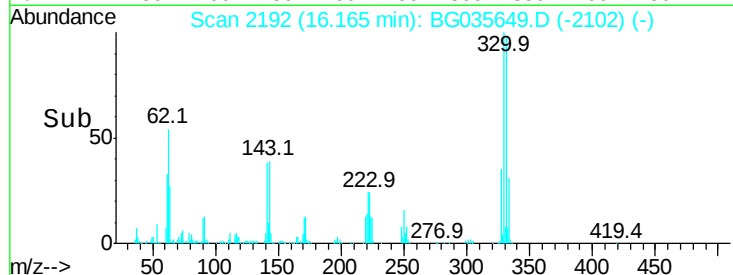
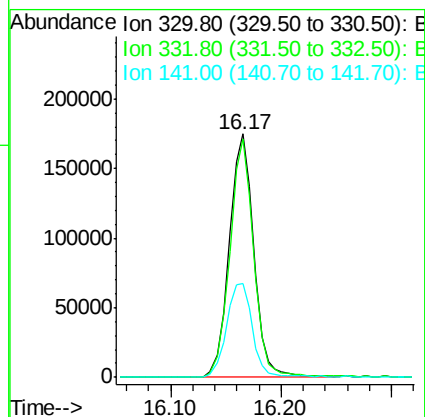
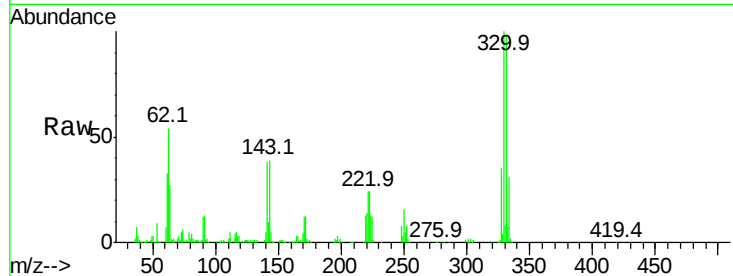




#41
 2,4,6-Tribromophenol
 Concen: 169.241 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

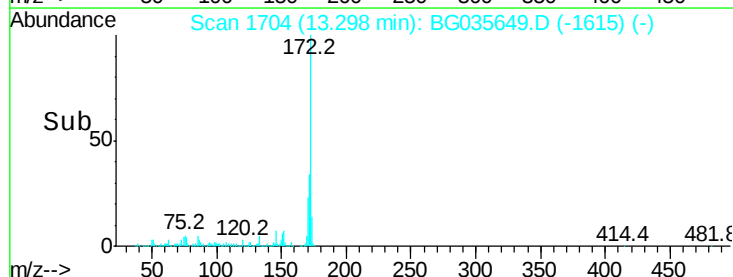
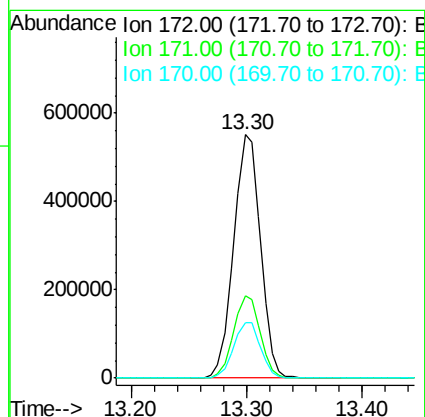
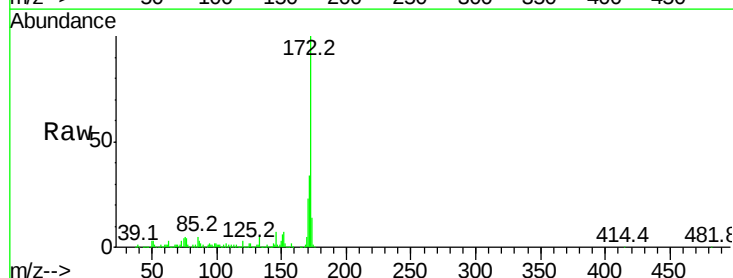
Instrument :
 BNA_G
 ClientSampled :
 PAR-5

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	40.7	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.921 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035649.D
 Acq: 14 Jul 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	30.0	45.0
170	22.6	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: BG035649.D

Acq: 14 Jul 2018 3:51

Instrument :

BNA_G

ClientSampleId :

PAR-5

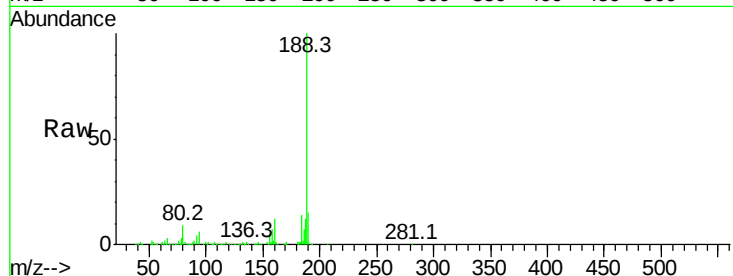
Tot Ion:188 Resp: 353465

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

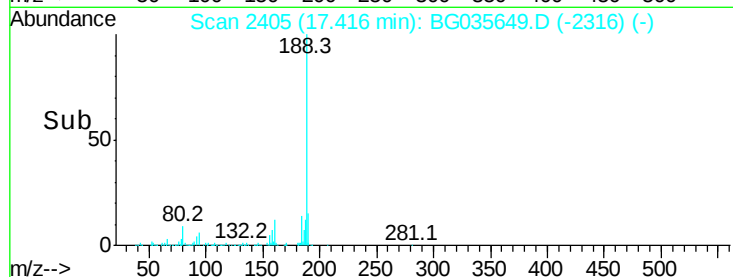
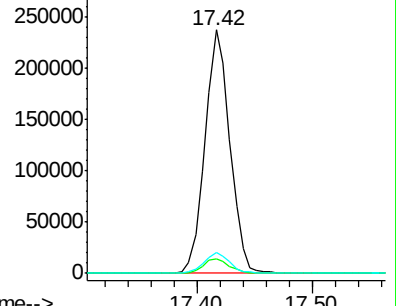
80 8.6 7.7 11.5



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: BG035649.D

Acq: 14 Jul 2018 3:51

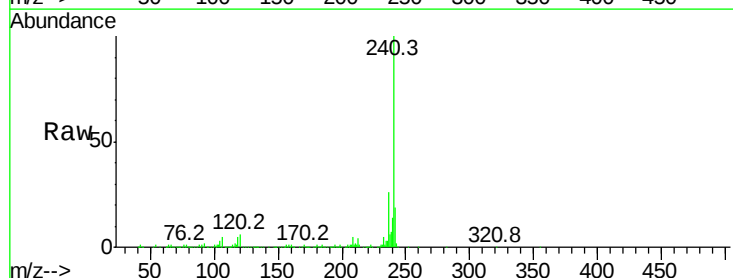
Tgt Ion:240 Resp: 383677

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

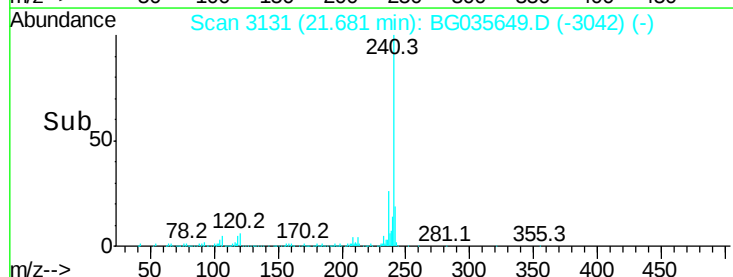
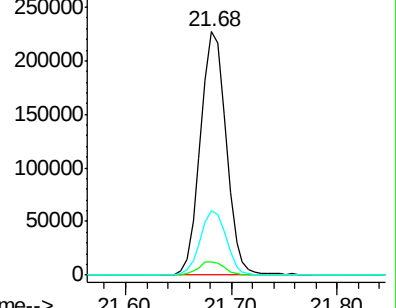
236 26.5 20.9 31.3

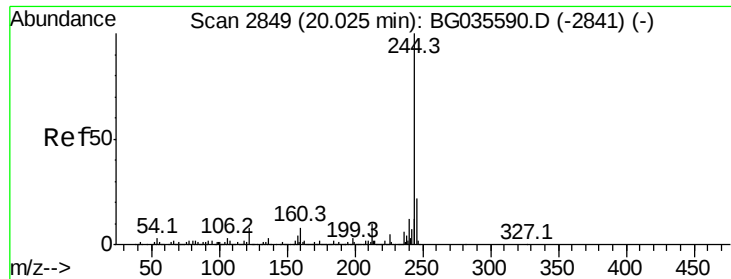


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.160 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035649.D

Acq: 14 Jul 2018 3:51

Instrument :

BNA_G

ClientSampleId :

PAR-5

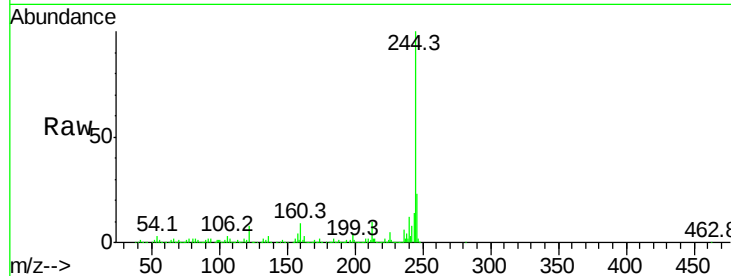
Tot Ion:244 Resp: 1743374

Ion Ratio Lower Upper

244 100

212 10.1 5.8 8.8#

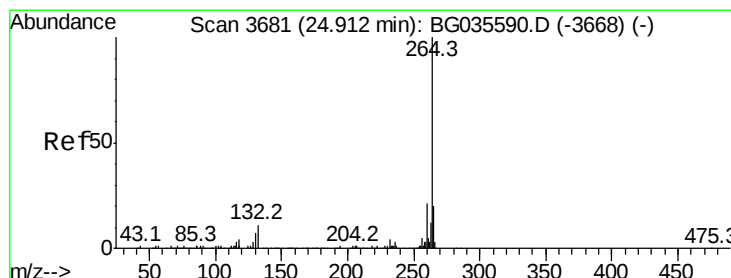
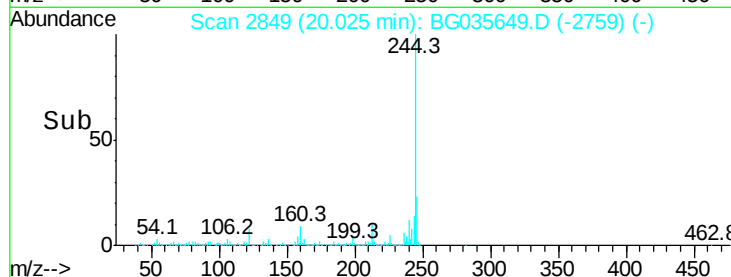
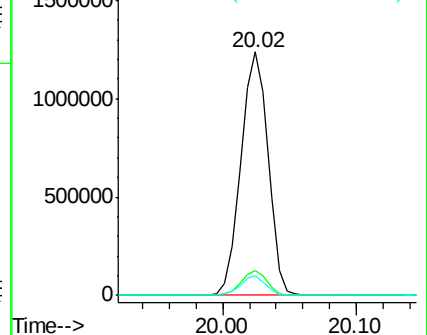
122 7.9 7.0 10.4



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: BG035649.D

Acq: 14 Jul 2018 3:51

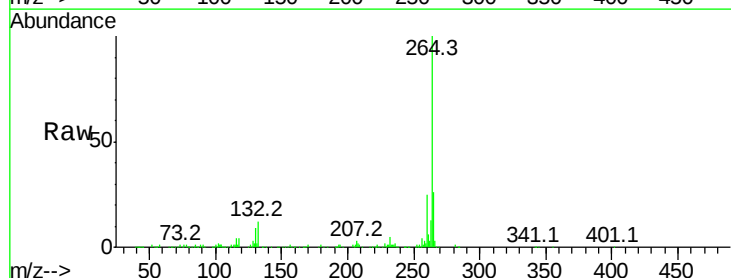
Tgt Ion:264 Resp: 360734

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 25.5 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

