

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035608.D
 Acq On : 12 Jul 2018 23:46
 Operator : JU/SJ
 Sample : J3947-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-1

Quant Time: Jul 13 02:07:01 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	40947	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	155163	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	110818	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	314040	20.00	ng	0.00
75) Chrysene-d12	21.68	240	351075	20.00	ng	0.00
86) Perylene-d12	24.90	264	337556	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	350999	142.32	ng	0.00
7) Phenol-d6	7.22	99	456683	124.11	ng	0.00
23) Nitrobenzene-d5	9.22	82	366875	98.77	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	232492	159.17	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	804585	97.27	ng	0.00
78) Terphenyl-d14	20.02	244	1592849	100.01	ng	0.00

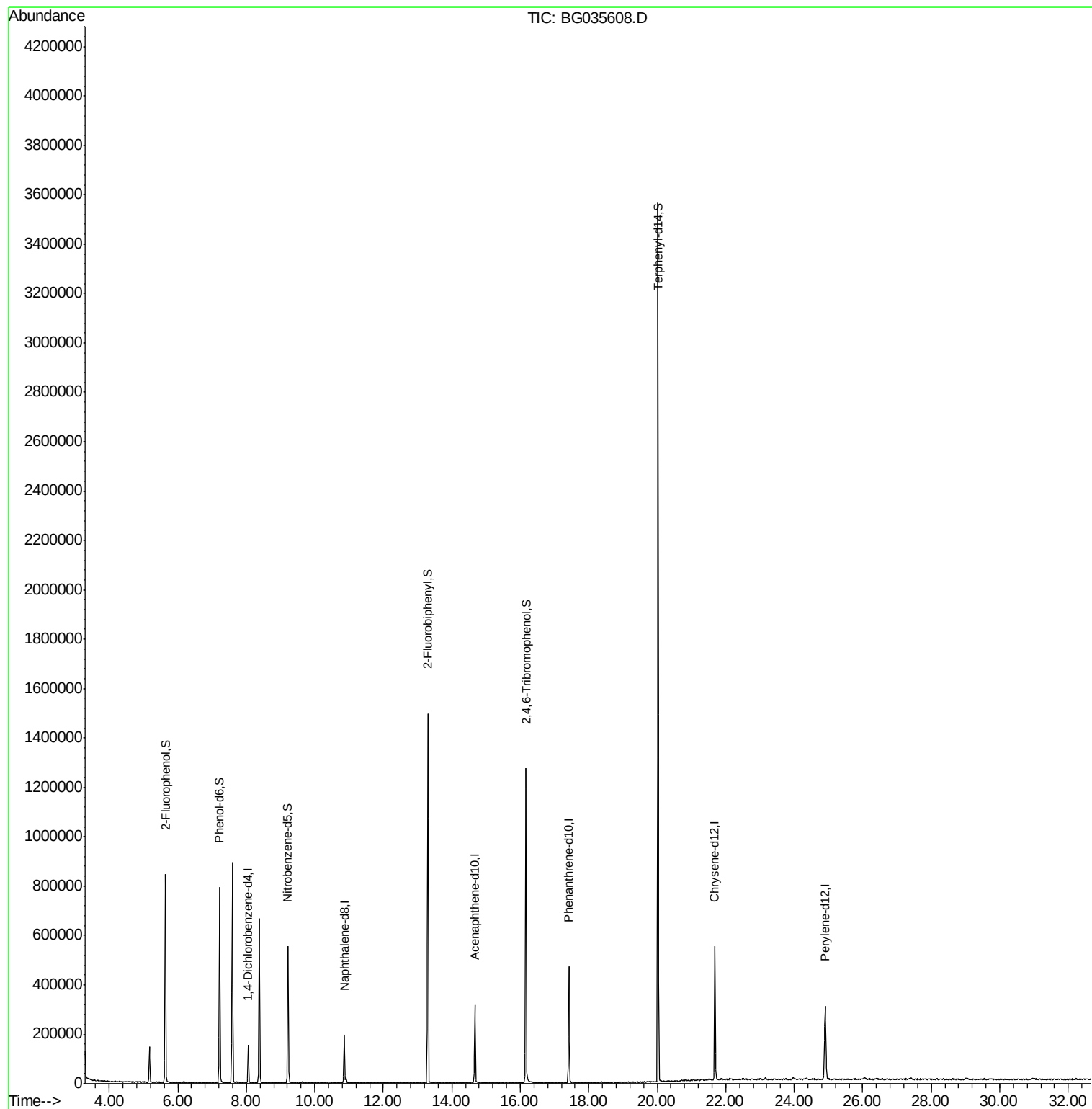
Target Compounds Qvalue

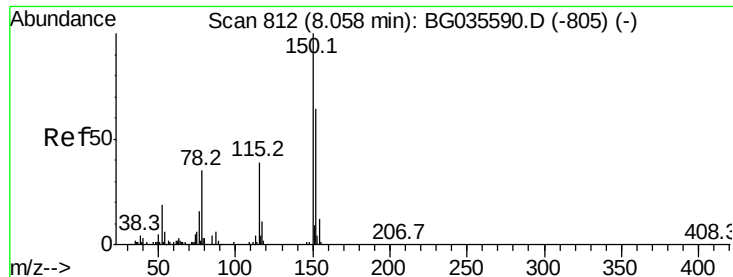
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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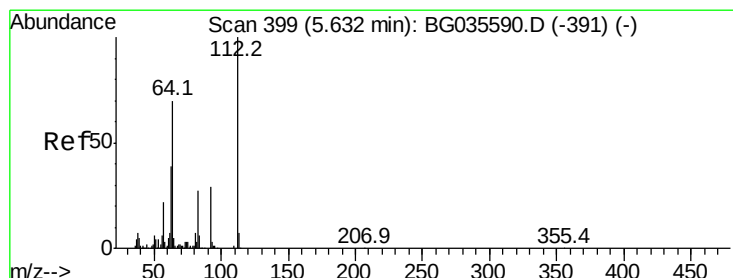
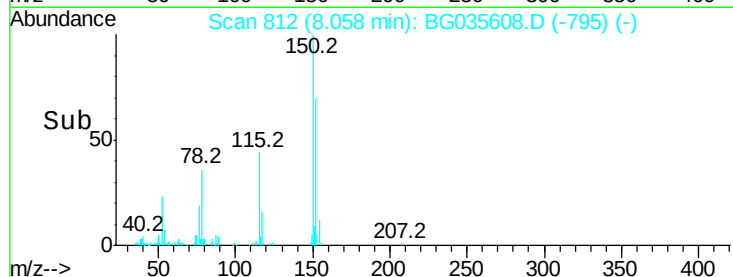
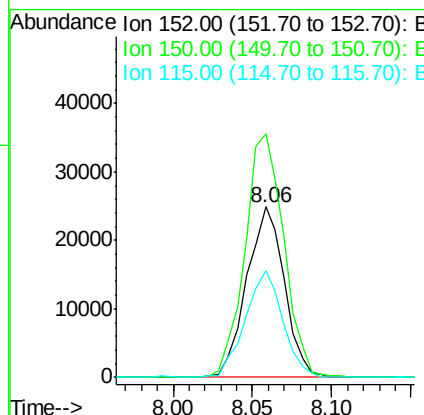
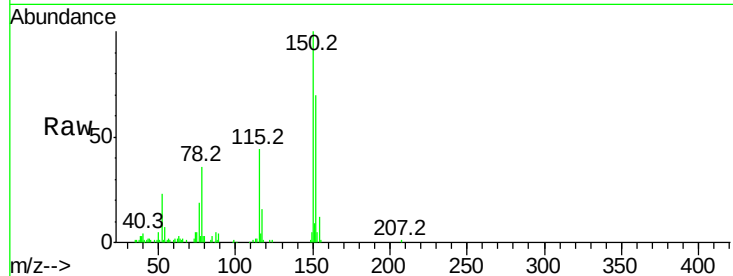


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BG035608.D
 Acq: 12 Jul 2018 23:46

Instrument :
 BNA_G
 ClientSampleId :
 PAR-1

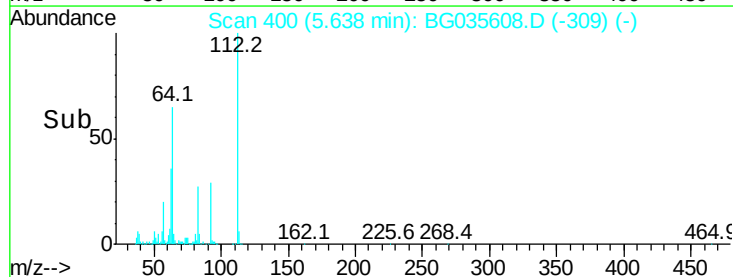
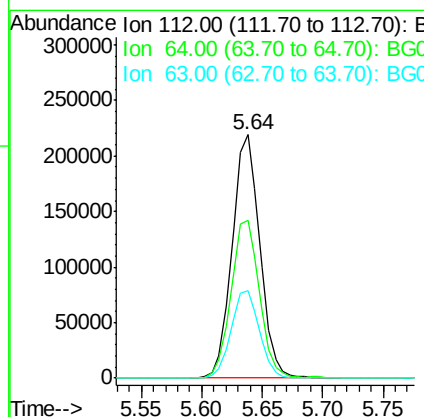
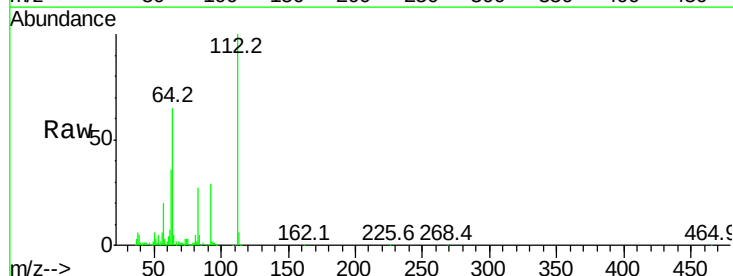
Tot Ion	Ratio	Lower	Upper
152	100		
150	143.1	126.6	189.8
115	62.8	53.0	79.4

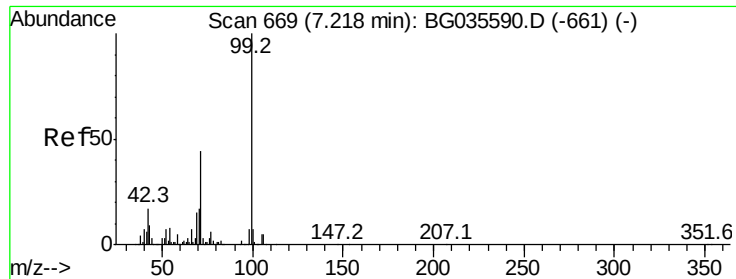


#5

2-Fluorophenol
 Concen: 142.316 ng
 RT: 5.64 min Scan# 400
 Delta R.T. 0.01 min
 Lab File: BG035608.D
 Acq: 12 Jul 2018 23:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	56.3	84.5
63	36.1	30.1	45.1





#7

Phenol-d6

Concen: 124.107 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA_G

ClientSampleId :

PAR-1

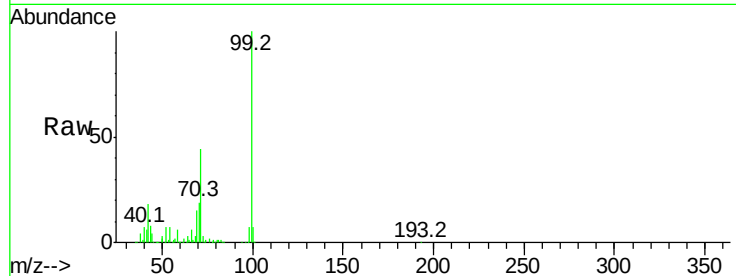
Tot Ion: 99 Resp: 456683

Ion Ratio Lower Upper

99 100

42 17.9 14.1 21.1

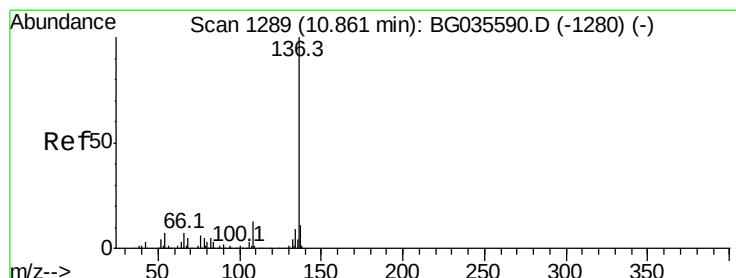
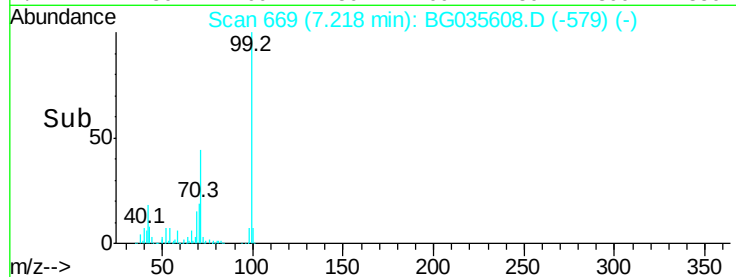
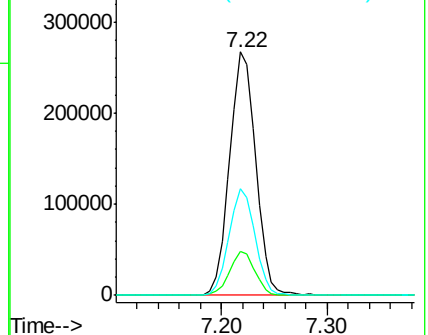
71 43.6 26.1 39.1#



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: BG035608.D

Acq: 12 Jul 2018 23:46

Tgt Ion: 136 Resp: 155163

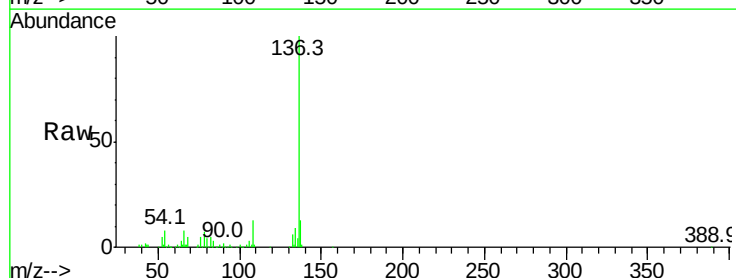
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 8.4 10.3 15.5#

68 5.3 4.5 6.7

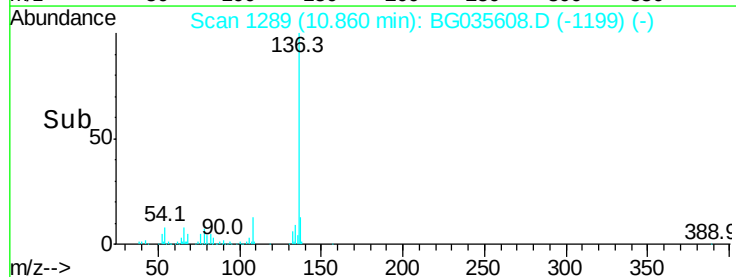
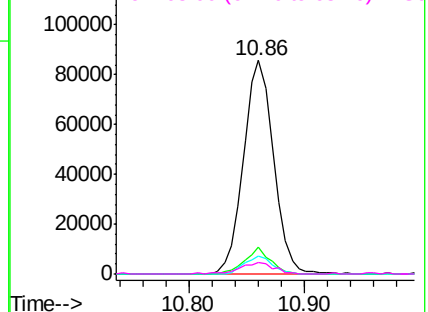


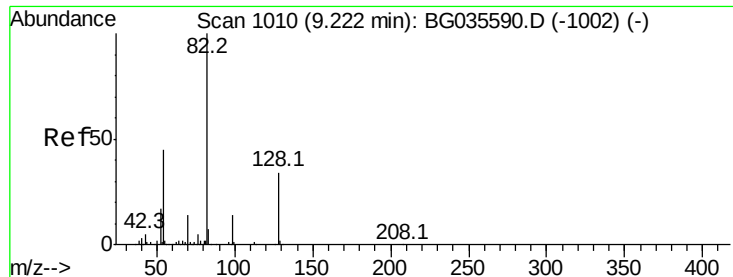
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

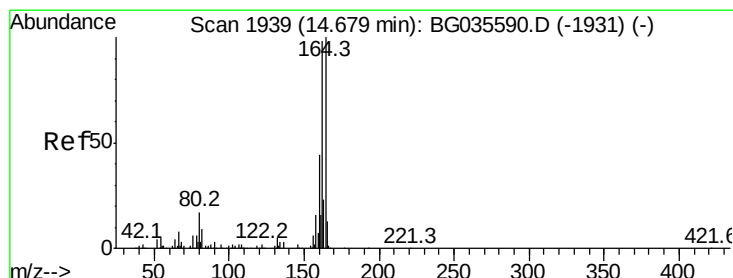
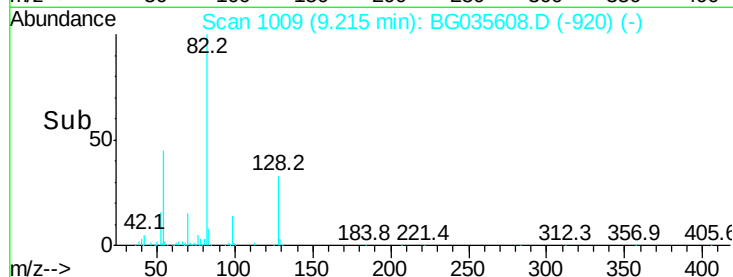
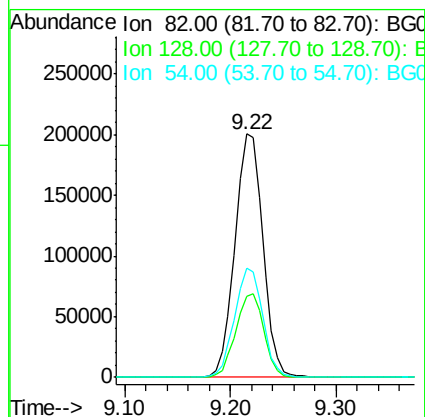
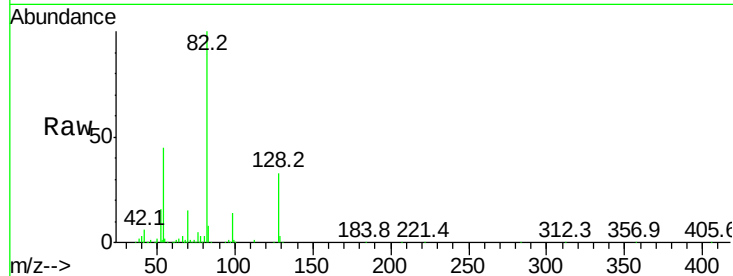




#23
 Nitrobenzene-d5
 Concen: 98.774 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035608.D
 Acq: 12 Jul 2018 23:46

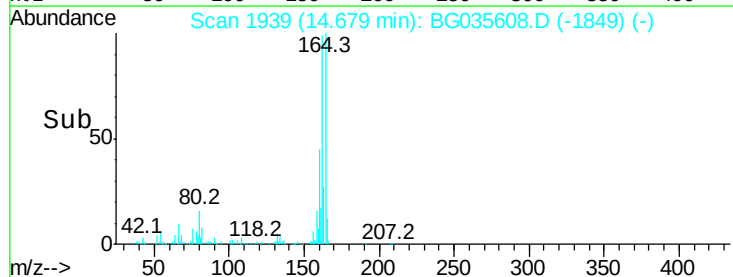
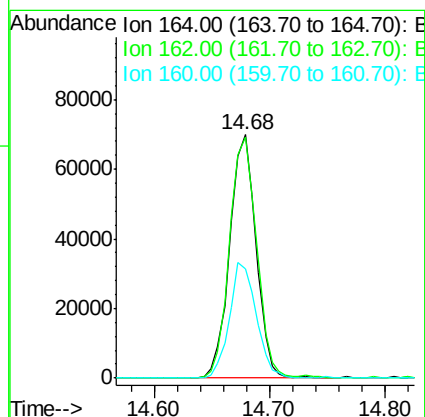
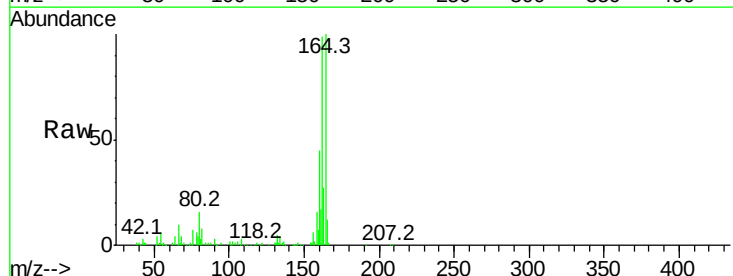
Instrument :
 BNA_G
 ClientSampleId :
 PAR-1

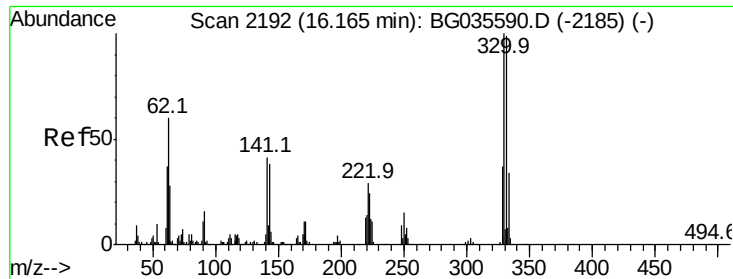
Tot Ion	82	Resp	366875
Ion Ratio	100	Lower	Upper
128	33.2	29.7	44.5
54	44.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BG035608.D
 Acq: 12 Jul 2018 23:46

Tgt Ion	164	Resp	110818
Ion Ratio	100	Lower	Upper
162	98.9	78.8	118.2
160	44.6	35.4	53.0

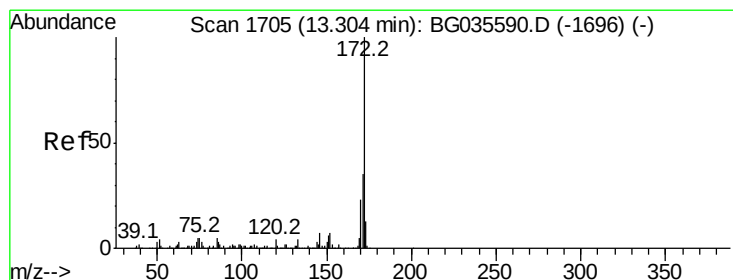
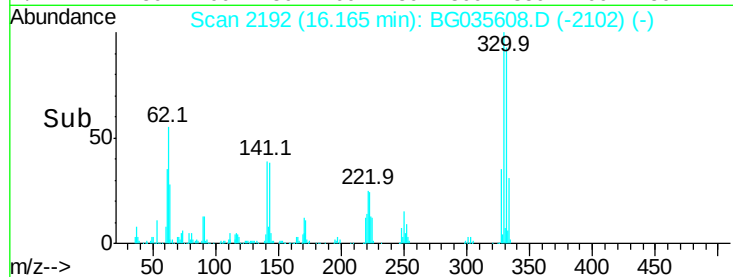
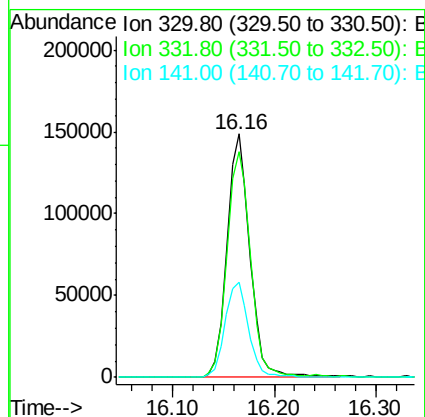
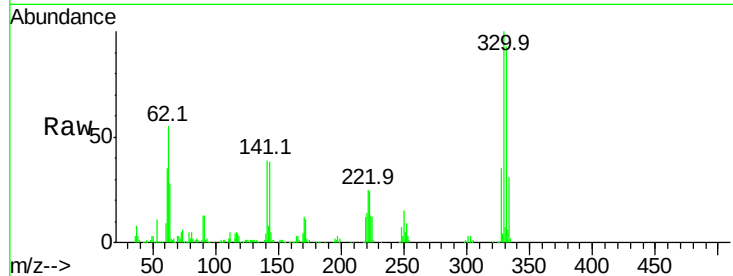




#41
2,4,6-Tribromophenol
Concen: 159.170 ng
RT: 16.16 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG035608.D
Acq: 12 Jul 2018 23:46

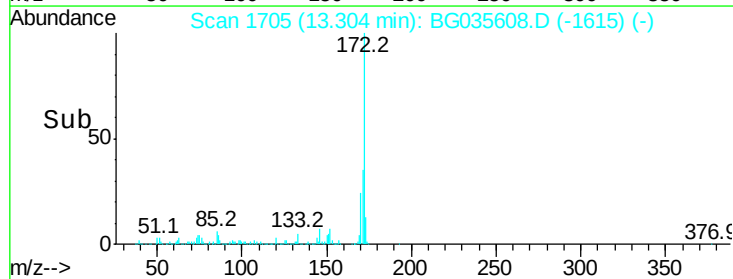
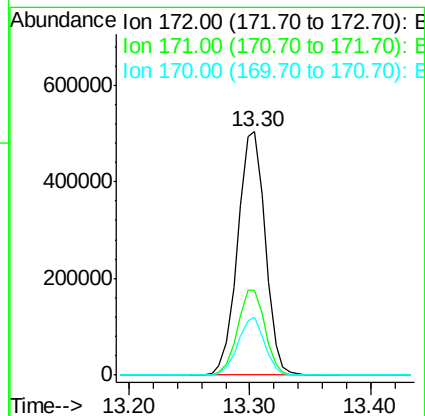
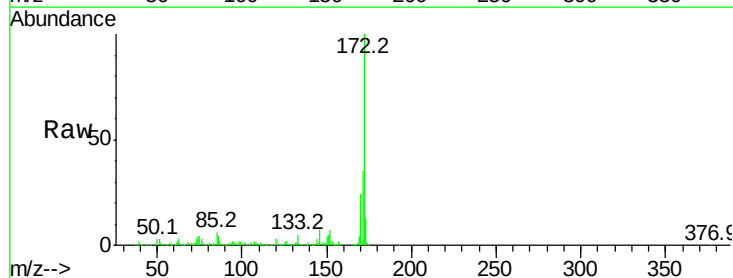
Instrument :
BNA_G
ClientSampleId :
PAR-1

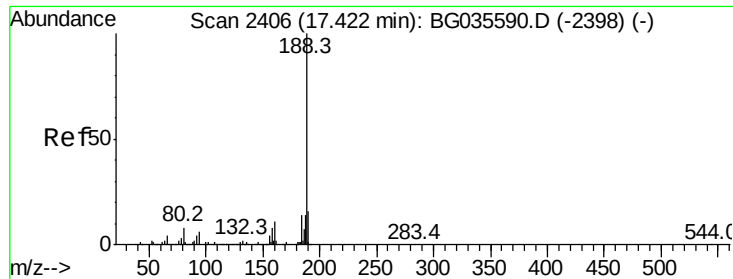
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	40.5	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 97.271 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG035608.D
Acq: 12 Jul 2018 23:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.0	45.0
170	23.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA_G

ClientSampled :

PAR-1

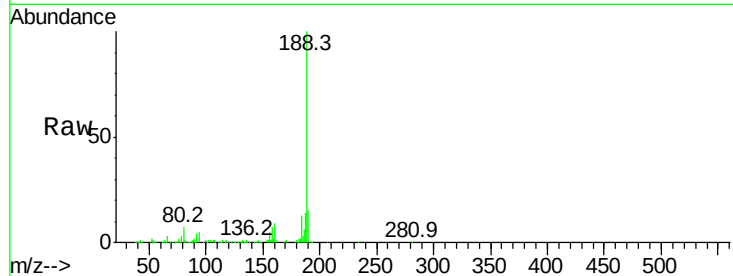
Tot Ion:188 Resp: 314040

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

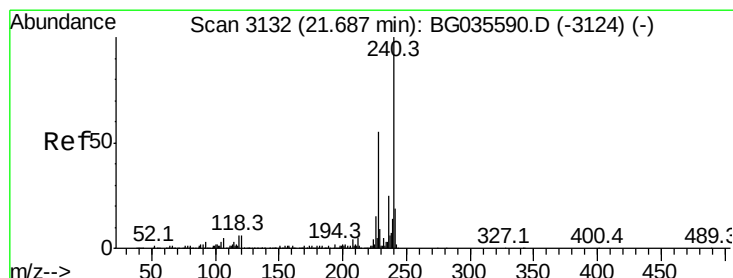
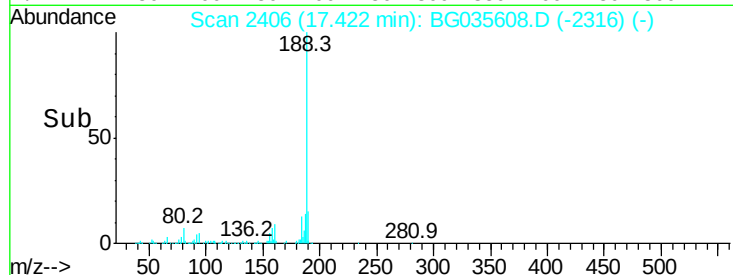
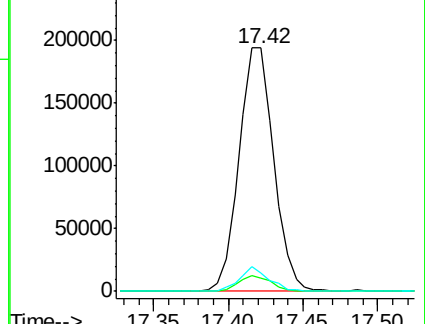
80 7.5 7.7 11.5#



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. -0.01 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

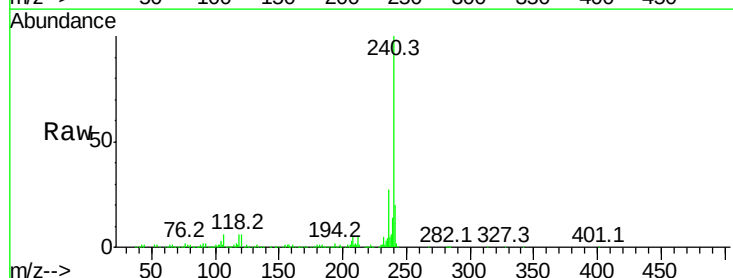
Tgt Ion:240 Resp: 351075

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

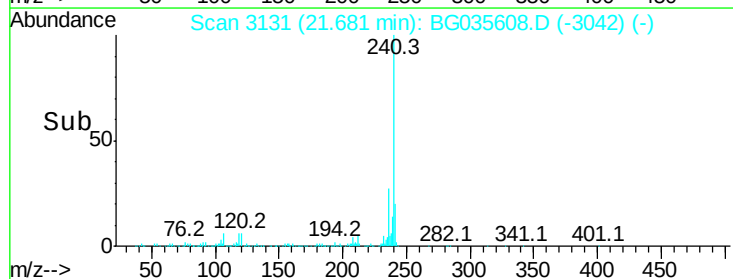
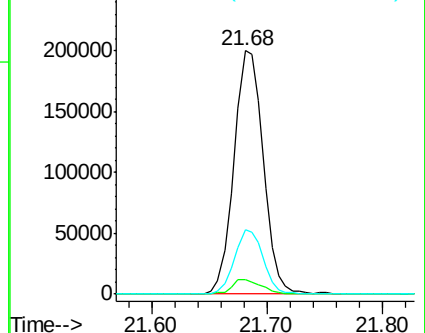
236 26.6 20.9 31.3

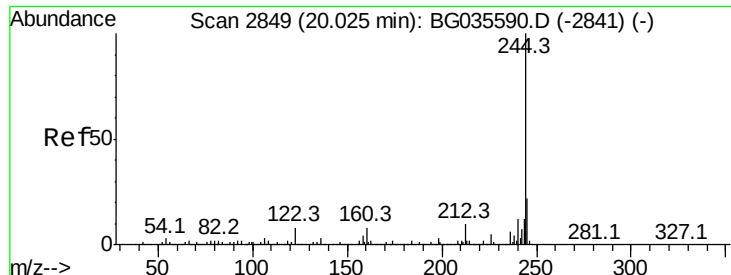


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.010 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035608.D

Acq: 12 Jul 2018 23:46

Instrument :

BNA_G

ClientSampleId :

PAR-1

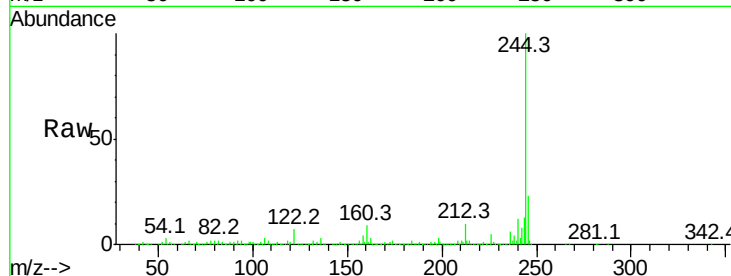
Tot Ion:244 Resp: 1592849

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

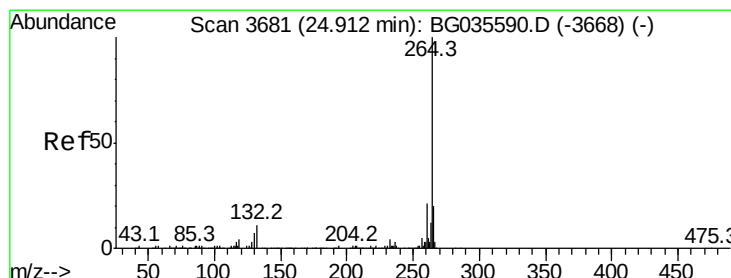
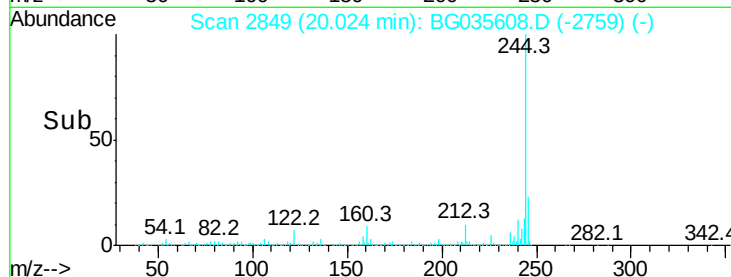
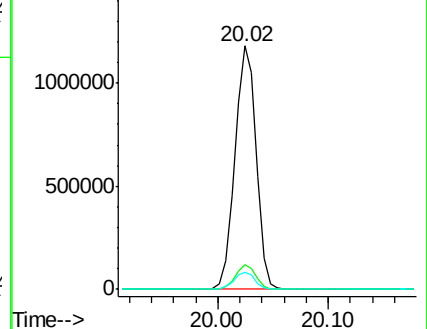
122 7.2 7.0 10.4



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: BG035608.D

Acq: 12 Jul 2018 23:46

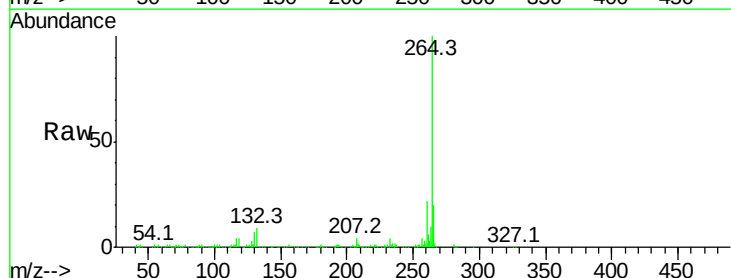
Tgt Ion:264 Resp: 337556

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 19.8 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

