

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035609.D
 Acq On : 13 Jul 2018 00:25
 Operator : JU/SJ
 Sample : J3947-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-2

Quant Time: Jul 13 11:05:53 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	44620	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	167819	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	123921	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	352771	20.00	ng	0.00
75) Chrysene-d12	21.68	240	388150	20.00	ng	0.00
86) Perylene-d12	24.90	264	358985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	332203	123.61	ng	0.00
7) Phenol-d6	7.22	99	435964	108.72	ng	0.00
23) Nitrobenzene-d5	9.22	82	363343	90.45	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	234008	143.27	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	813516	87.95	ng	0.00
78) Terphenyl-d14	20.02	244	1534505	87.14	ng	0.00

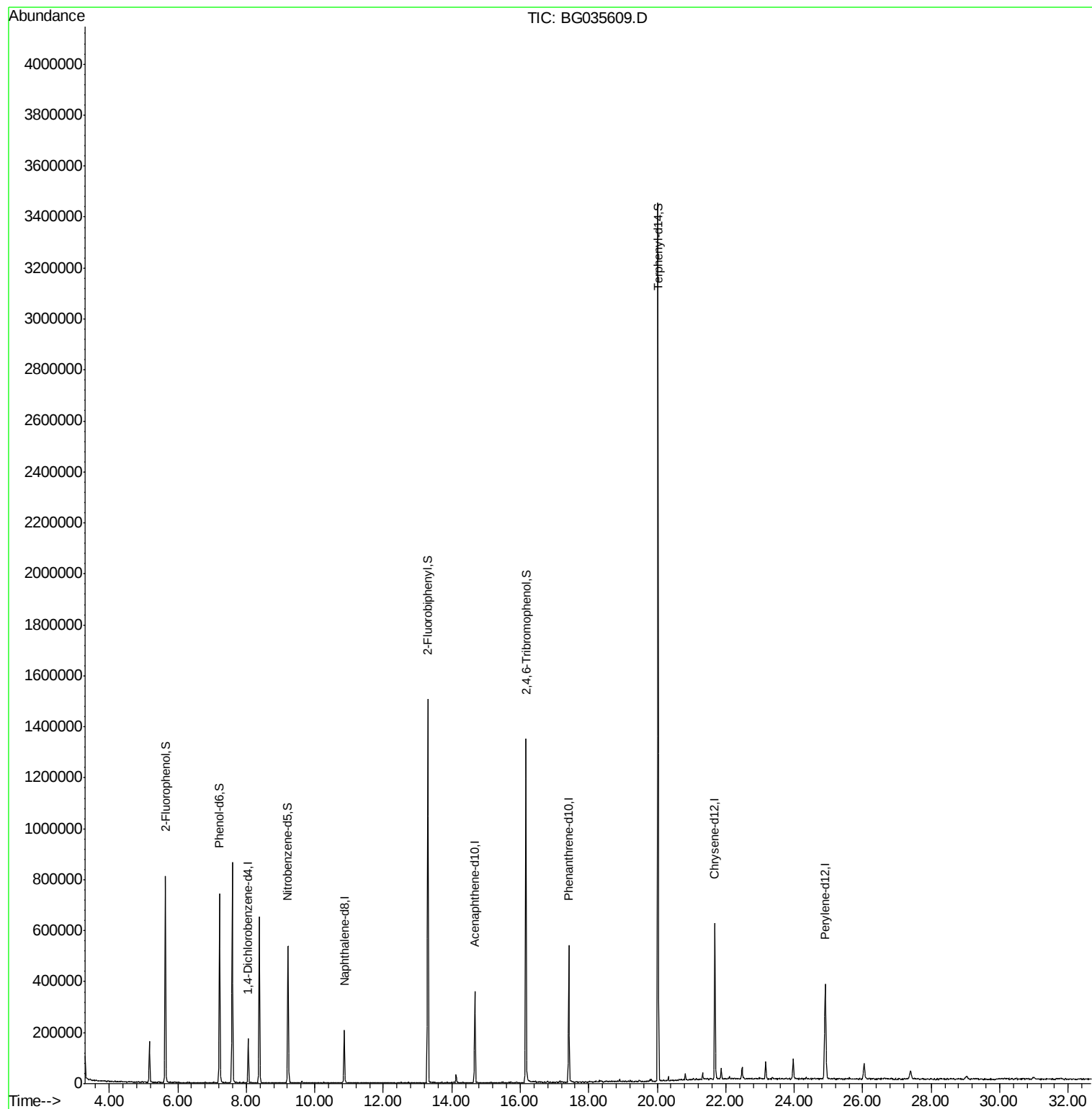
Target Compounds Qvalue

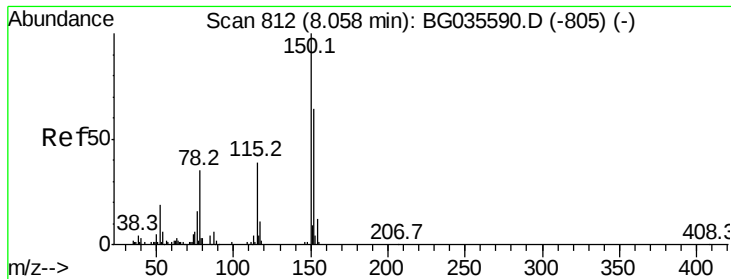
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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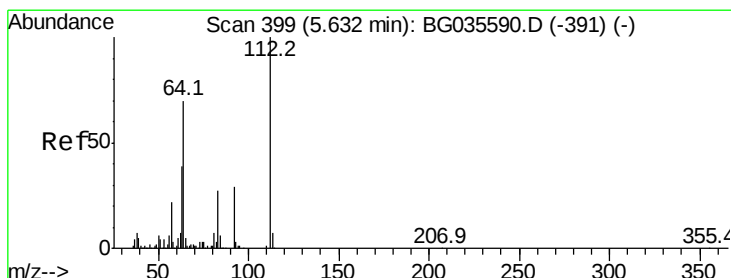
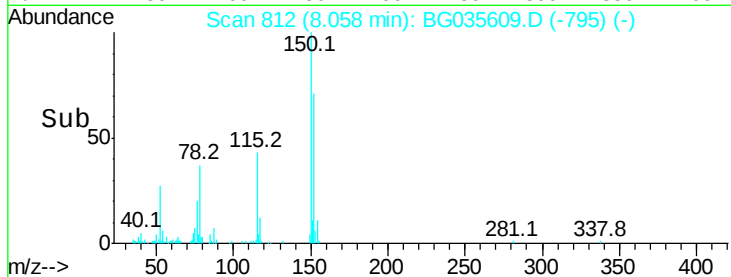
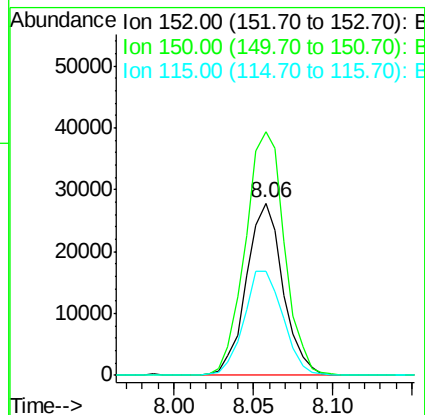
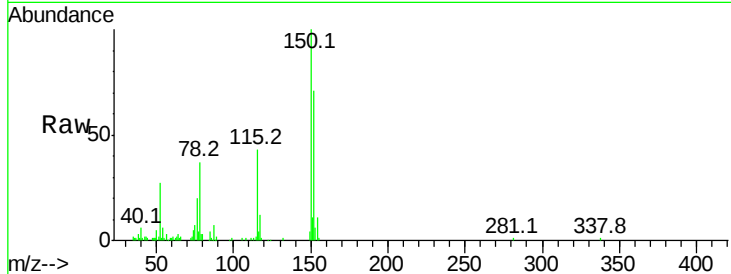


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Instrument :
BNA_G
ClientSampleId :
PAR-2

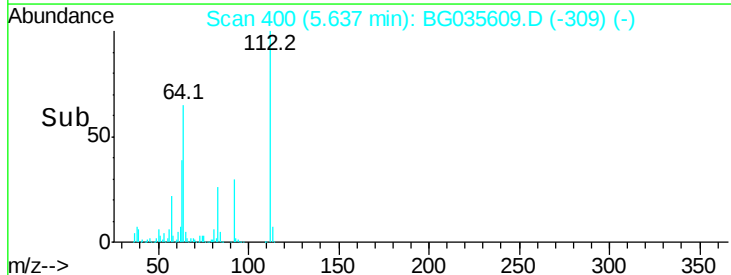
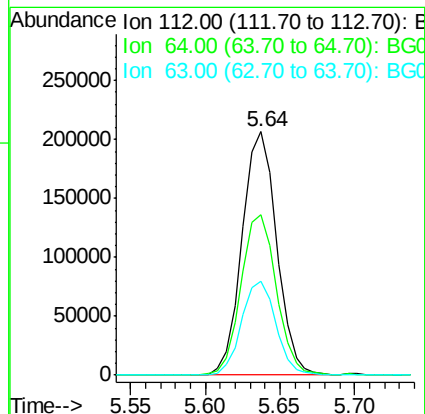
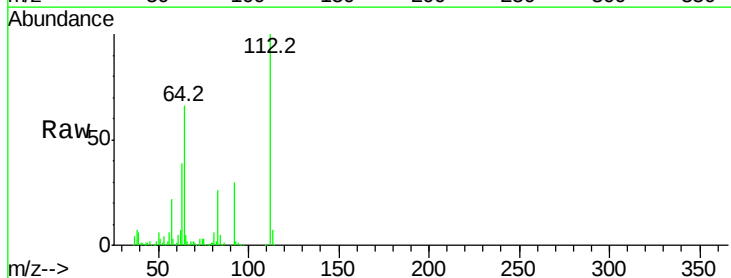
Tot Ion:152 Resp: 44620
Ion Ratio Lower Upper
152 100
150 141.5 126.6 189.8
115 60.4 53.0 79.4



#5

2-Fluorophenol
Concen: 123.607 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG035609.D
Acq: 13 Jul 2018 00:25

Tgt Ion:112 Resp: 332203
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 38.6 30.1 45.1





#7

Phenol-d6

Concen: 108.724 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035609.D

Acq: 13 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PAR-2

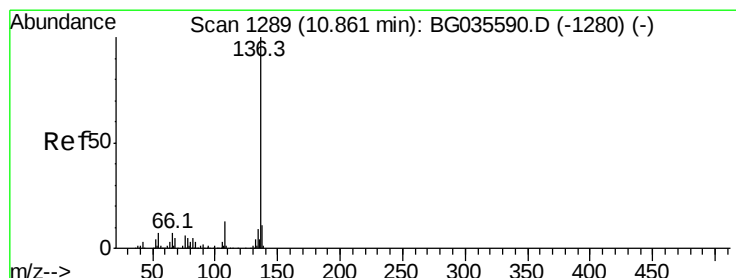
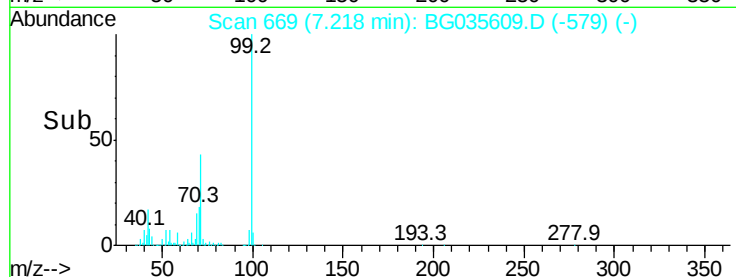
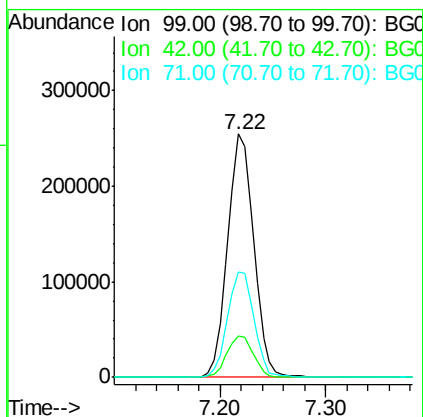
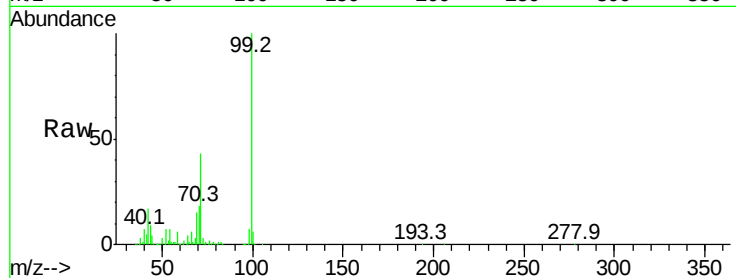
Tot Ion: 99 Resp: 435964

Ion Ratio Lower Upper

99 100

42 16.7 14.1 21.1

71 43.4 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: BG035609.D

Acq: 13 Jul 2018 00:25

Tgt Ion:136 Resp: 167819

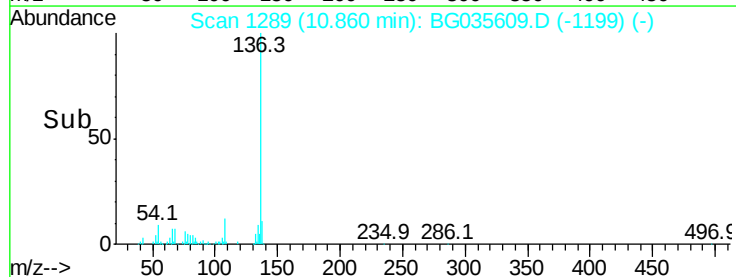
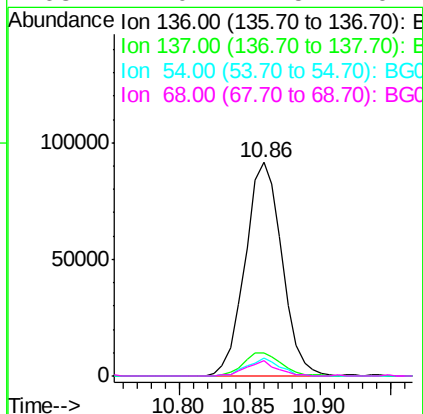
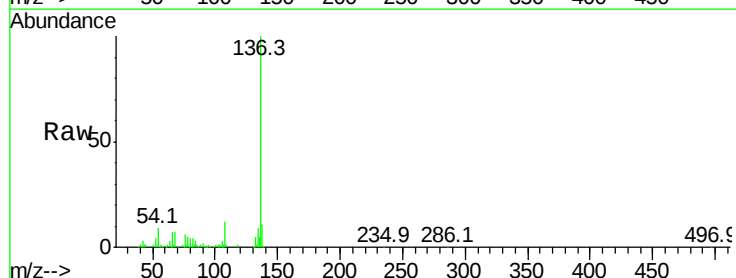
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.6 10.3 15.5#

68 7.0 4.5 6.7#

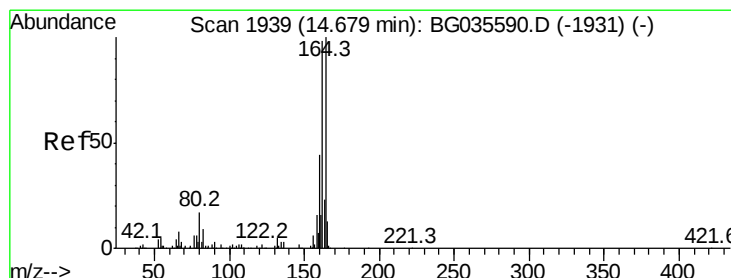
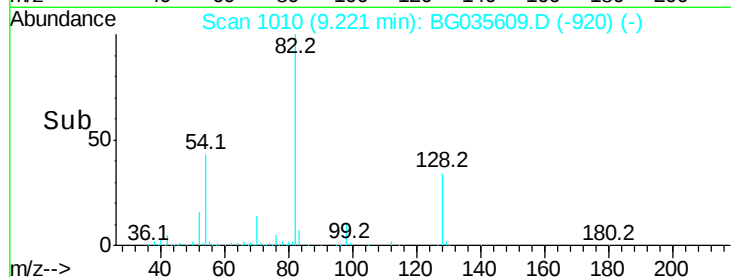
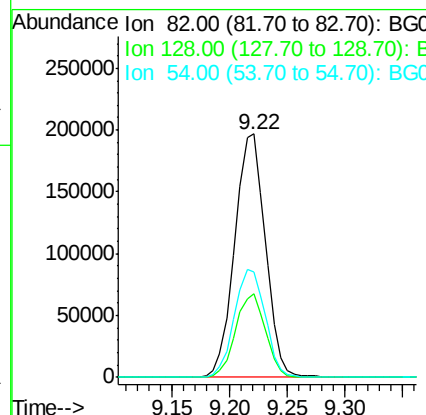
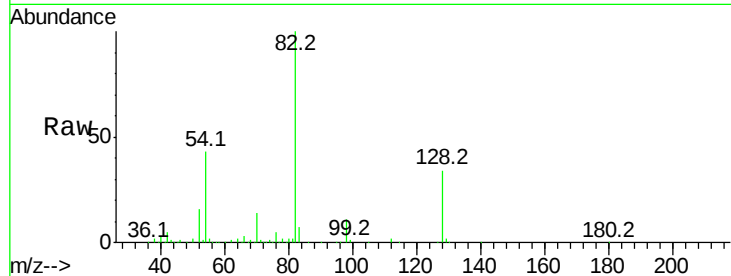




#23
 Nitrobenzene-d5
 Concen: 90.446 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BG035609.D
 Acq: 13 Jul 2018 00:25

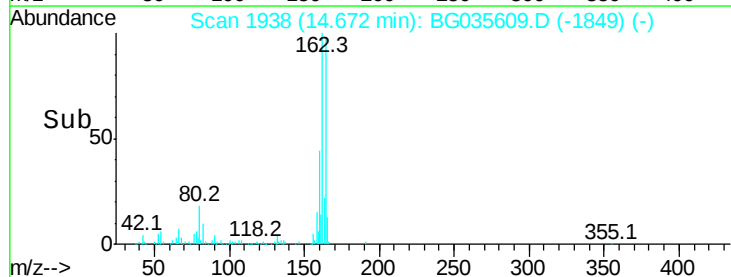
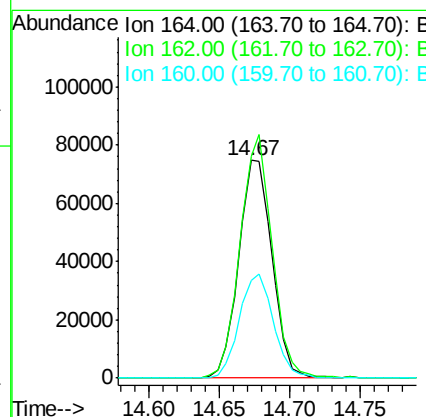
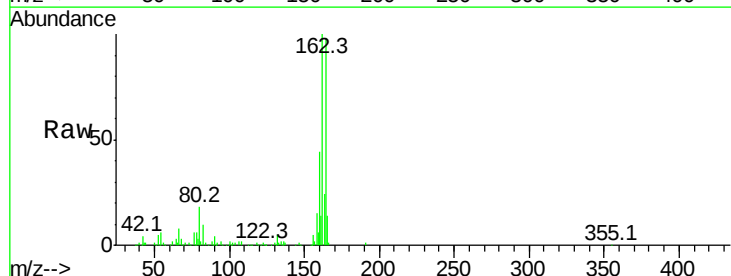
Instrument :
 BNA_G
 ClientSampleId :
 PAR-2

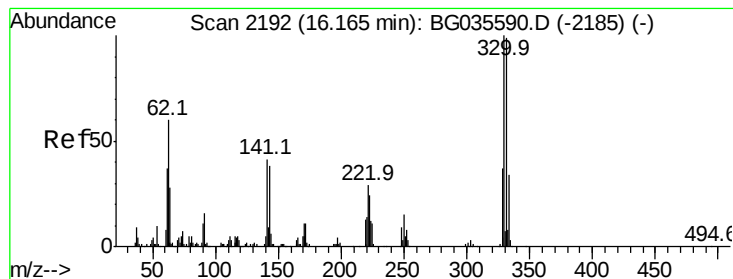
Tot Ion	82	Resp	363343
Ion Ratio	Lower	Upper	
82	100		
128	34.1	29.7	44.5
54	43.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG035609.D
 Acq: 13 Jul 2018 00:25

Tgt Ion	164	Resp	123921
Ion Ratio	Lower	Upper	
164	100		
162	101.9	78.8	118.2
160	45.2	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 143.268 ng

RT: 16.16 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG035609.D

Acq: 13 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PAR-2

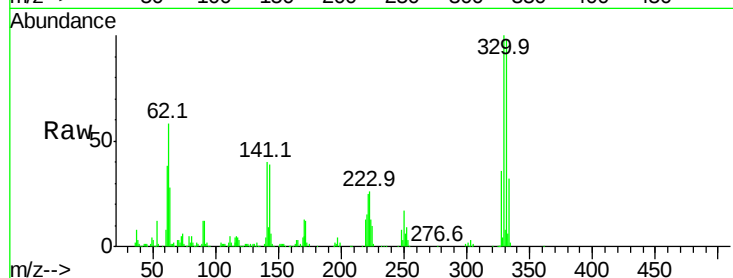
Tot Ion:330 Resp: 234008

Ion Ratio Lower Upper

330 100

332 98.4 77.0 115.6

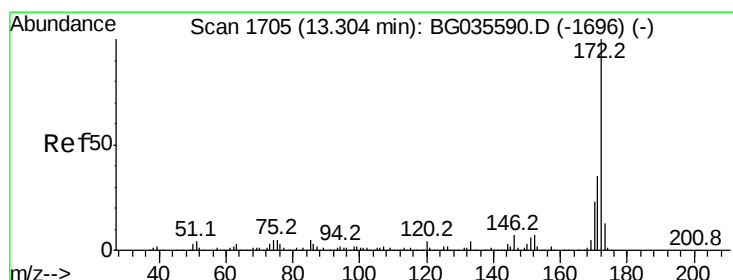
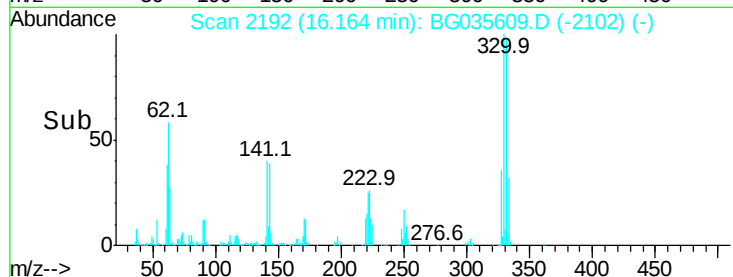
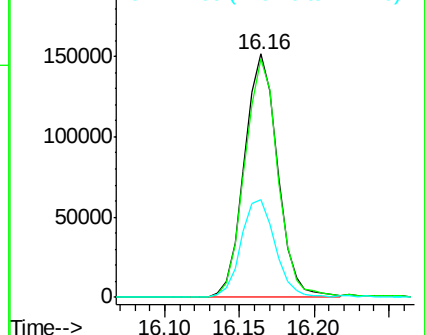
141 41.3 25.2 37.8#



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: 87.951 ng

RT: 13.30 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG035609.D

Acq: 13 Jul 2018 00:25

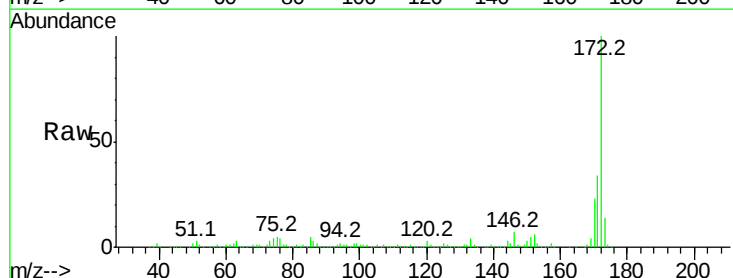
Tgt Ion:172 Resp: 813516

Ion Ratio Lower Upper

172 100

171 34.2 30.0 45.0

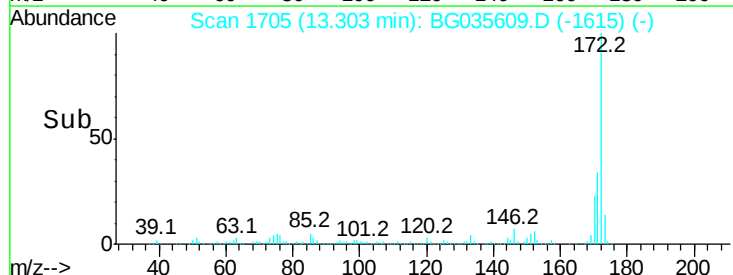
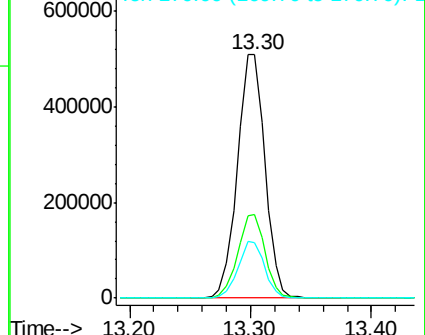
170 22.8 19.5 29.3



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# 2406

Delta R.T. -0.00 min

Lab File: BG035609.D

Acq: 13 Jul 2018 00:25

Instrument :

BNA_G

ClientSampleId :

PAR-2

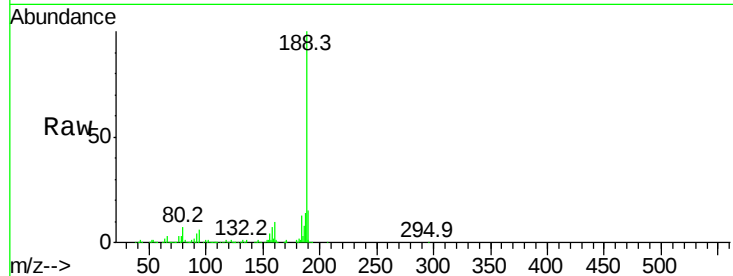
Tot Ion:188 Resp: 352771

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

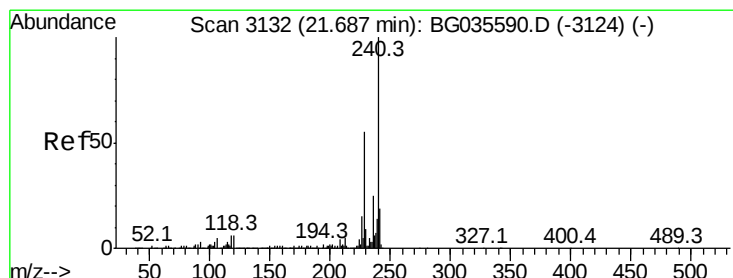
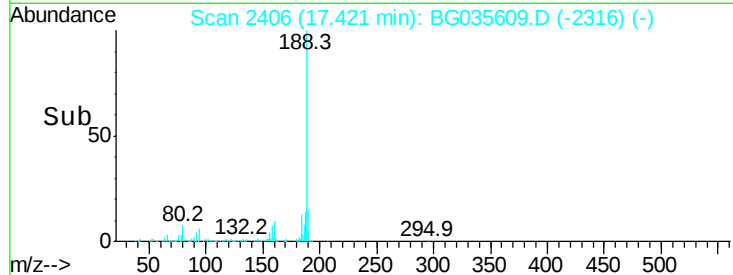
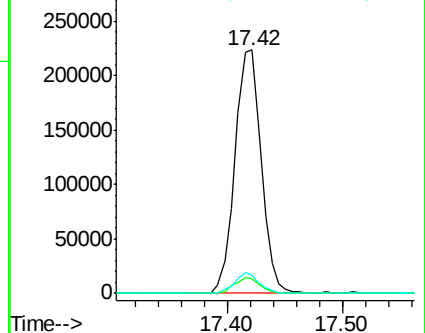
80 7.5 7.7 11.5#



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: BG035609.D

Acq: 13 Jul 2018 00:25

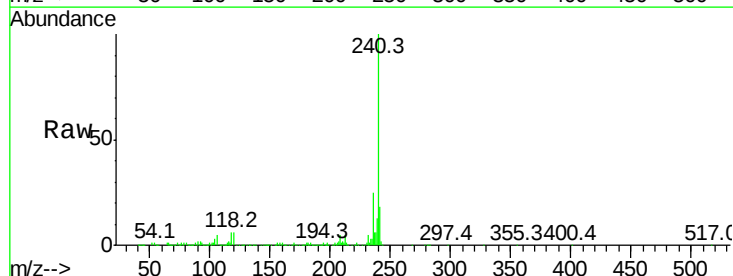
Tgt Ion:240 Resp: 388150

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

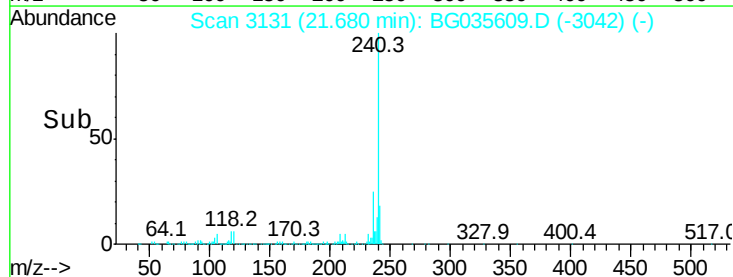
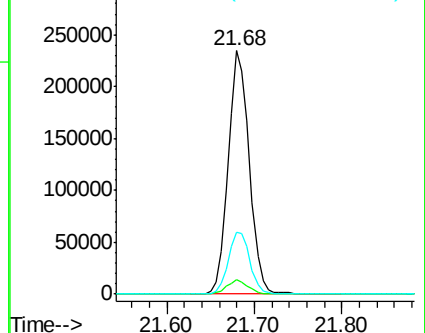
236 25.3 20.9 31.3

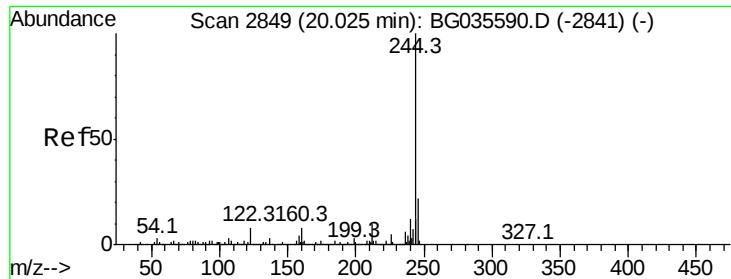


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.144 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG035609.D

Acq: 13 Jul 2018 00:25

Instrument :

BNA_G

ClientSampled :

PAR-2

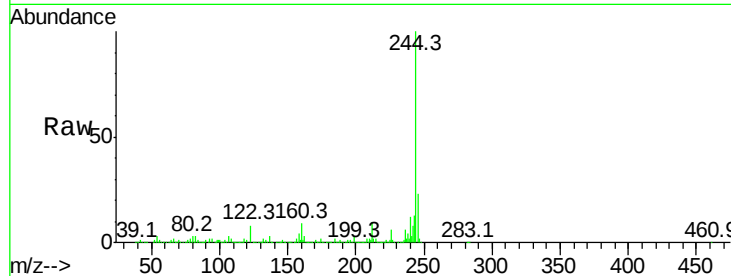
Tot Ion:244 Resp: 1534505

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

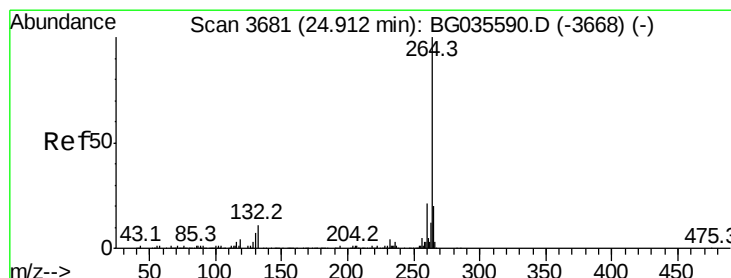
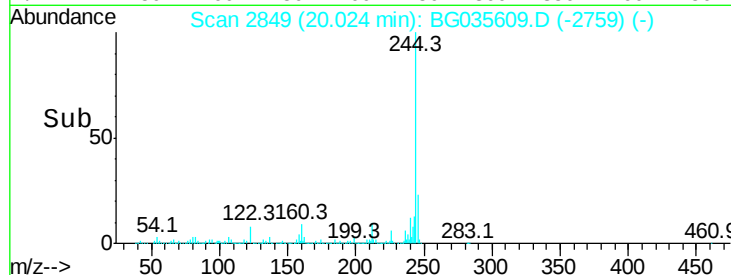
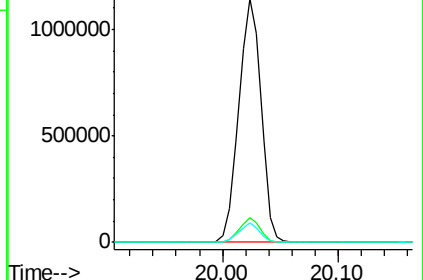
122 7.9 7.0 10.4



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: BG035609.D

Acq: 13 Jul 2018 00:25

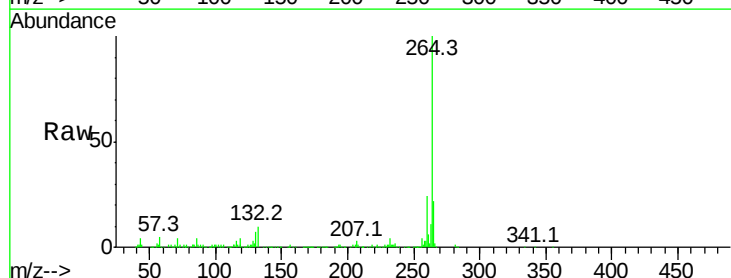
Tgt Ion:264 Resp: 358985

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 21.6 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

