

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036054.D
 Acq On : 2 Aug 2018 10:51
 Operator : JU/SJ
 Sample : PB111656BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111656BL

Quant Time: Aug 02 11:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33342	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	120651	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	87367	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	252036	20.00	ng	0.00
75) Chrysene-d12	21.65	240	298974	20.00	ng	0.00
86) Perylene-d12	24.85	264	270169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	259701	129.32	ng	0.00
7) Phenol-d6	7.19	99	355958	118.80	ng	0.00
23) Nitrobenzene-d5	9.18	82	227961	78.93	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	154508	134.17	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	554182	84.98	ng	0.00
78) Terphenyl-d14	19.99	244	1205608	88.89	ng	0.00

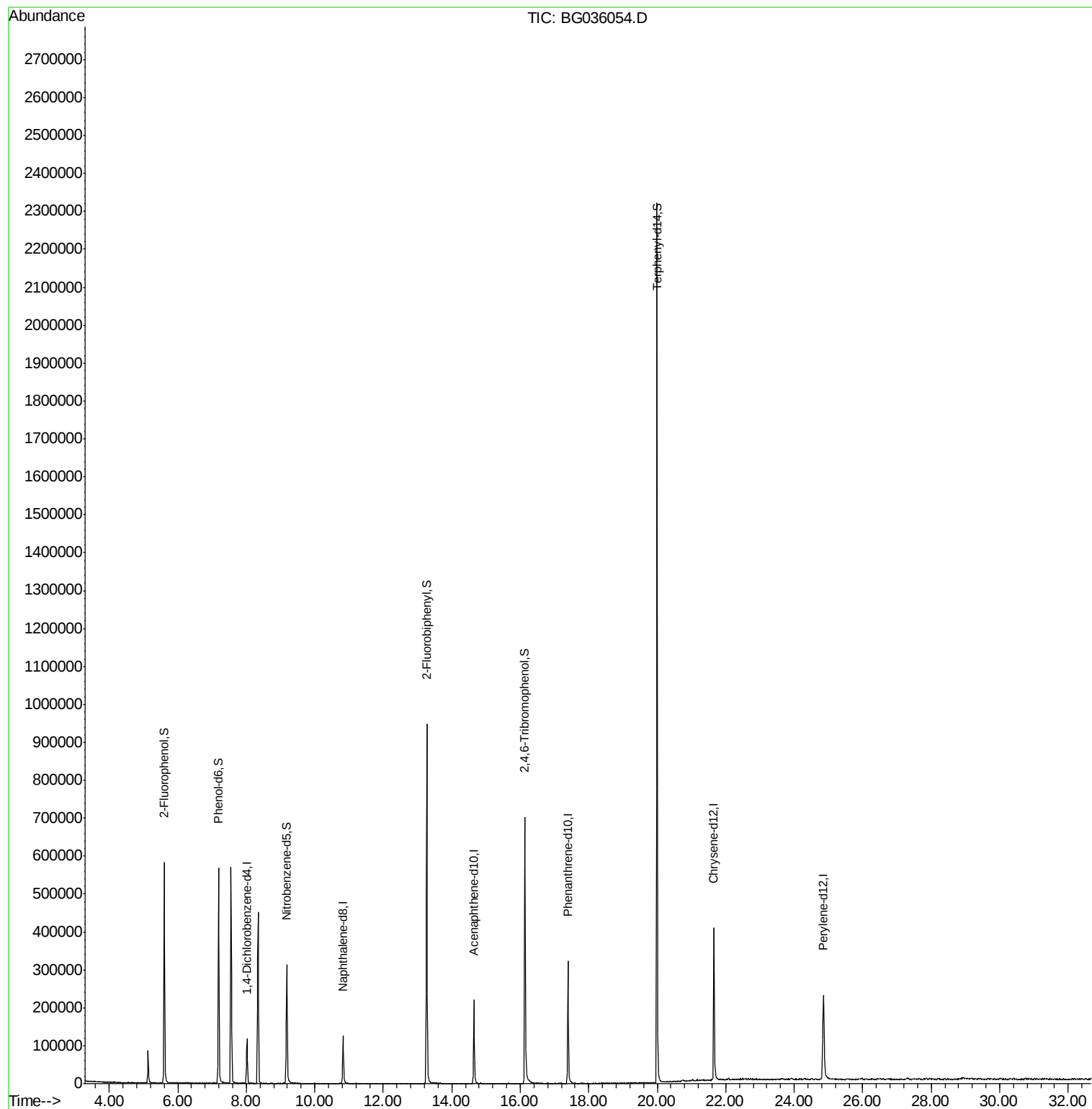
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.00 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

Instrument :

BNA_G

ClientSampleId :

PB111656BL

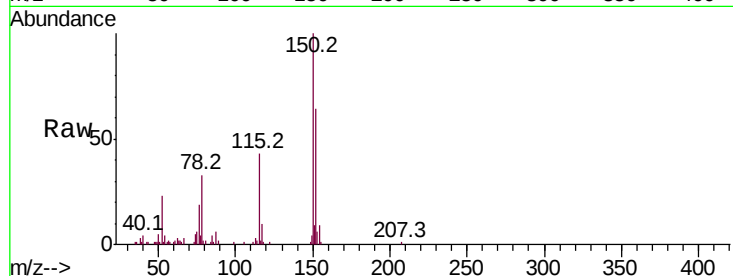
Tot Ion:152 Resp: 33342

Ion Ratio Lower Upper

152 100

150 155.8 126.6 189.8

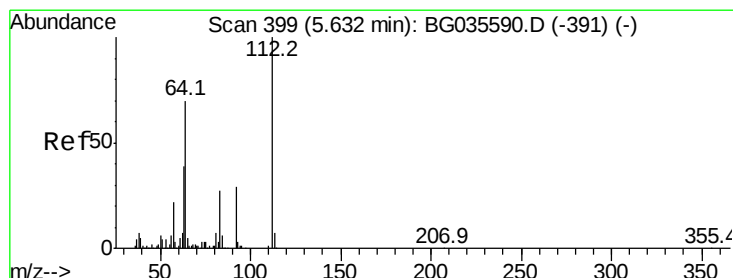
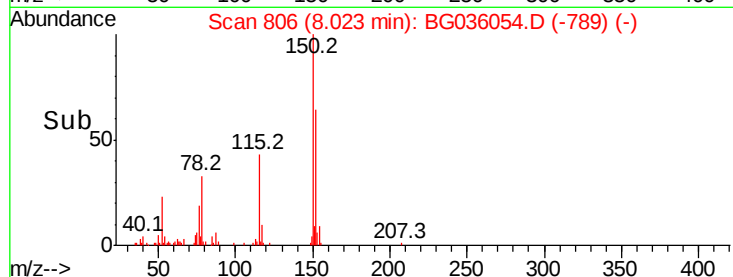
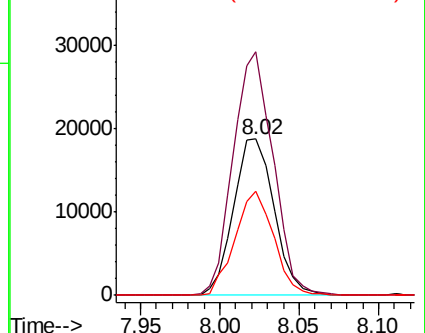
115 66.5 53.0 79.4



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: 129.316 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

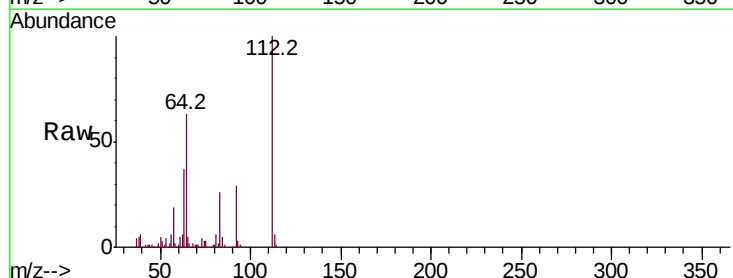
Tgt Ion:112 Resp: 259701

Ion Ratio Lower Upper

112 100

64 62.7 56.3 84.5

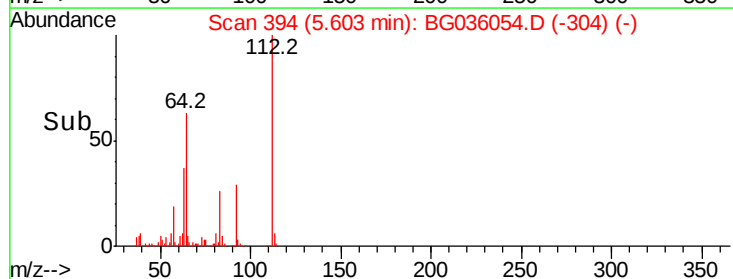
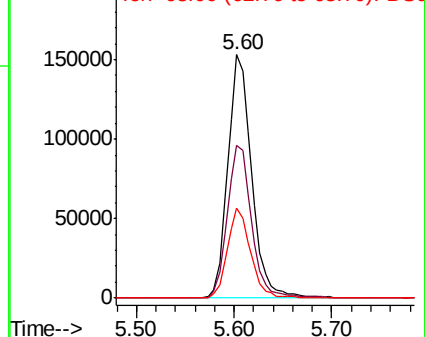
63 36.9 30.1 45.1

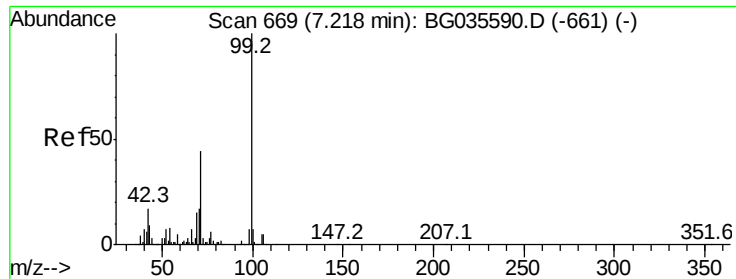


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 118.799 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

Instrument :

BNA_G

ClientSampleId :

PB111656BL

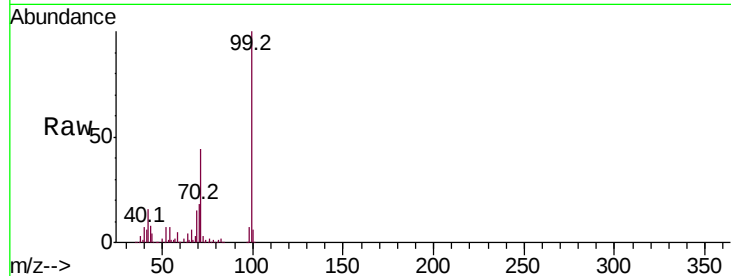
Tot Ion: 99 Resp: 355958

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

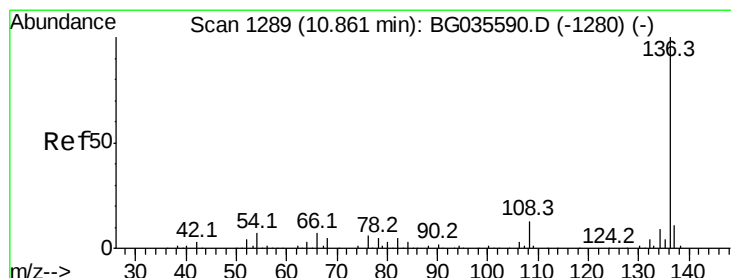
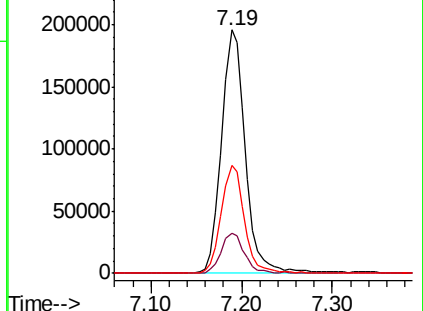
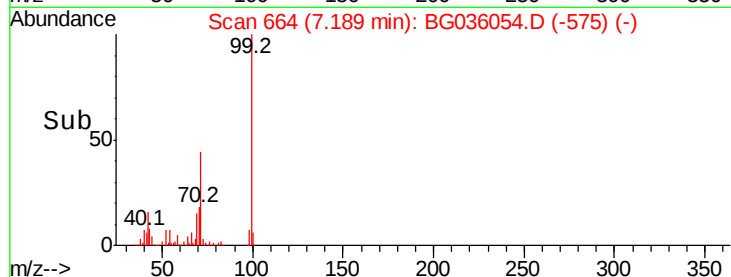
71 44.1 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

Tgt Ion: 136 Resp: 120651

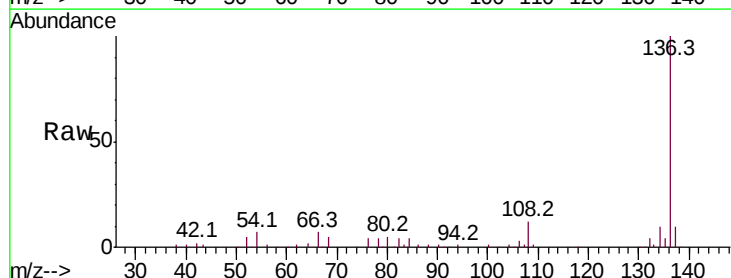
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 7.1 10.3 15.5#

68 4.5 4.5 6.7

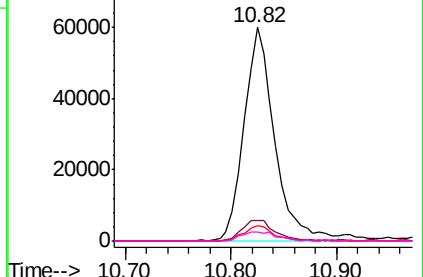
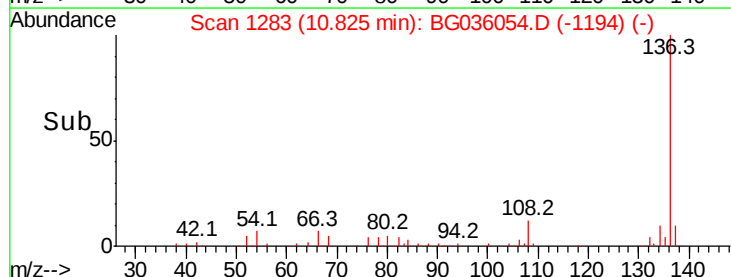


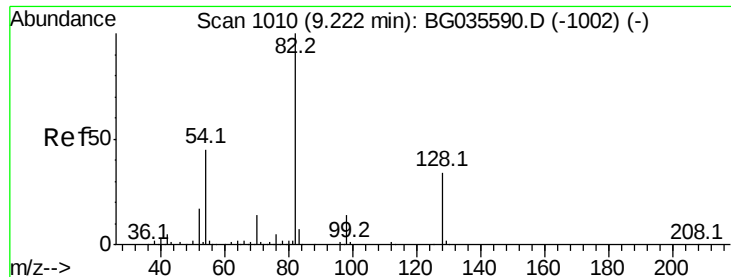
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

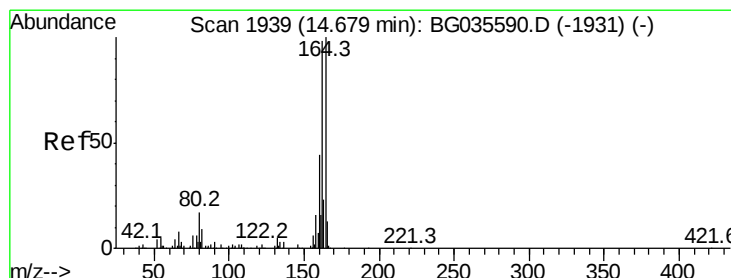
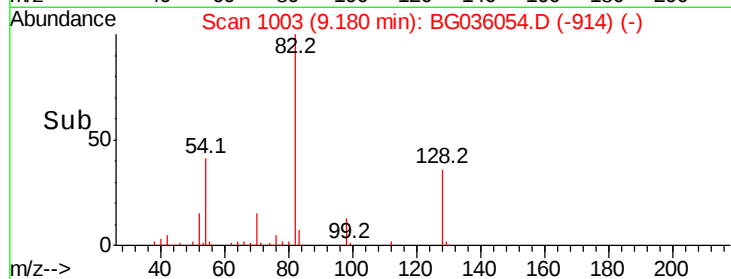
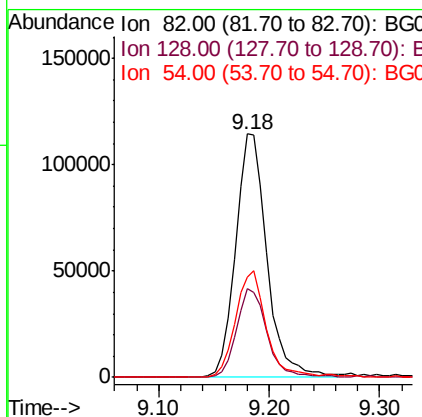
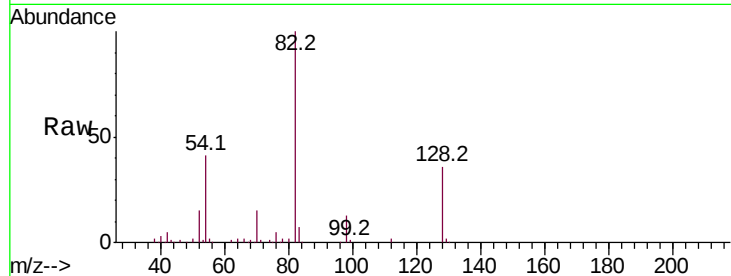




#23
 Nitrobenzene-d5
 Concen: 78.930 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036054.D
 Acq: 2 Aug 2018 10:51

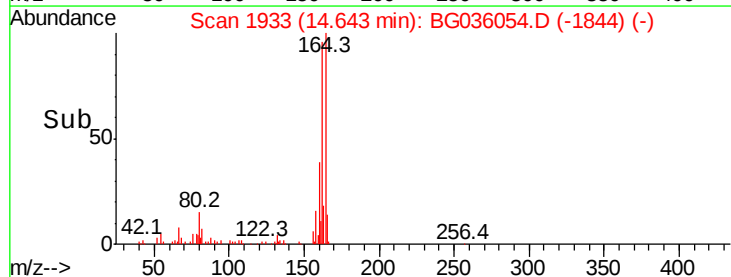
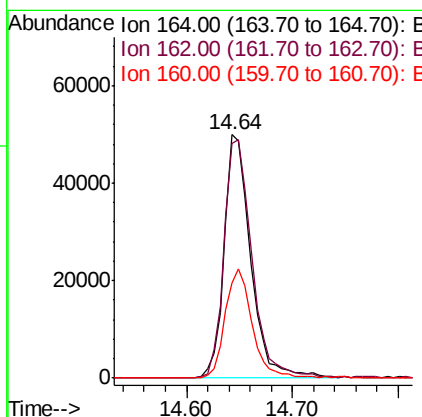
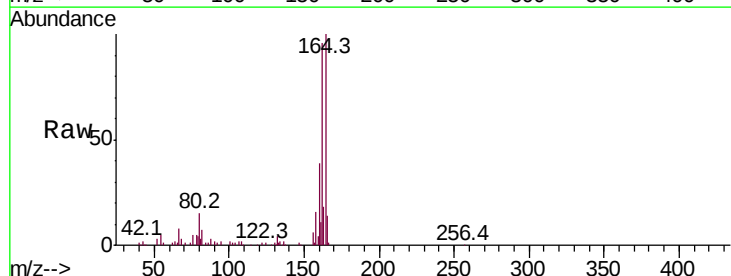
Instrument :
 BNA_G
 ClientSampleId :
 PB111656BL

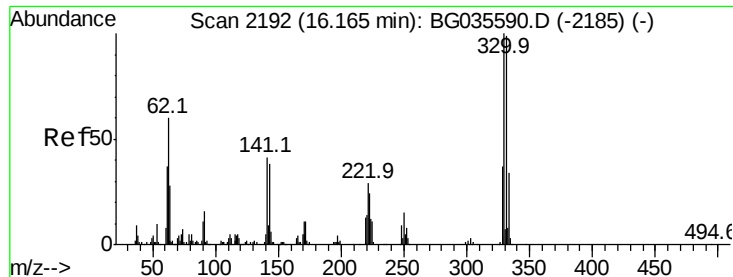
Tot Ion	82	Resp	227961
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.7	44.5
54	41.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036054.D
 Acq: 2 Aug 2018 10:51

Tgt Ion	164	Resp	87367
Ion Ratio	Lower	Upper	
164	100		
162	96.1	78.8	118.2
160	38.8	35.4	53.0

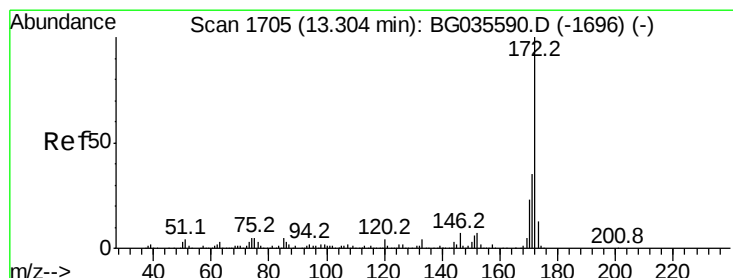
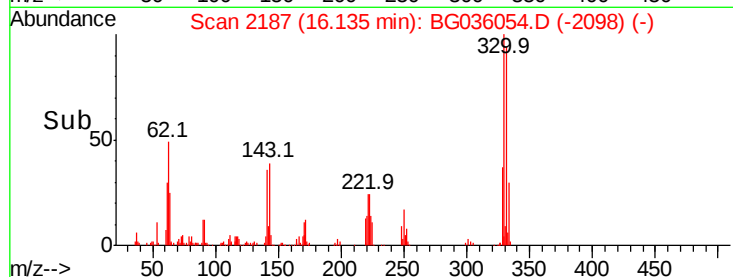
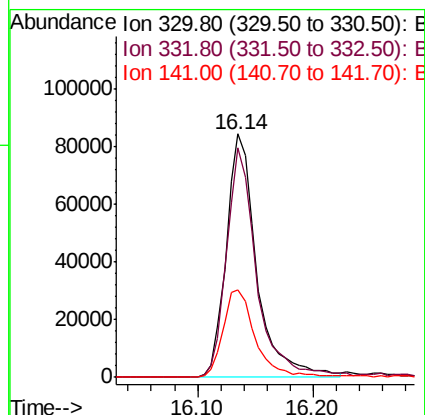
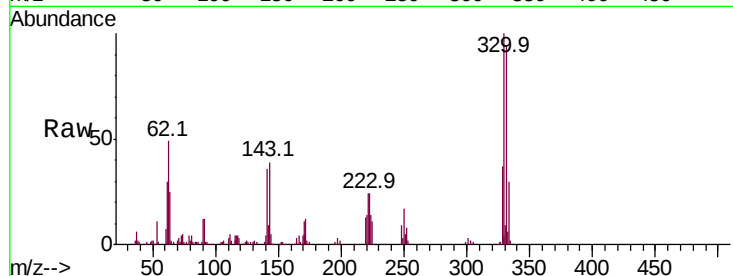




#41
 2,4,6-Tribromophenol
 Concen: 134.174 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036054.D
 Acq: 2 Aug 2018 10:51

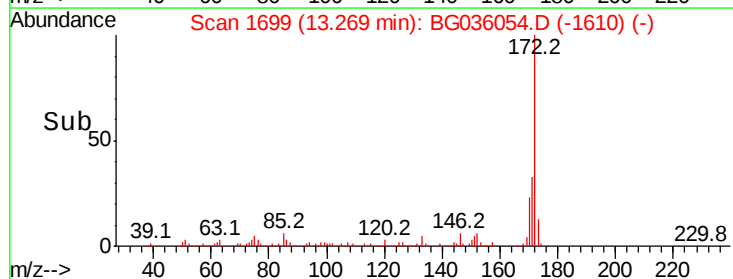
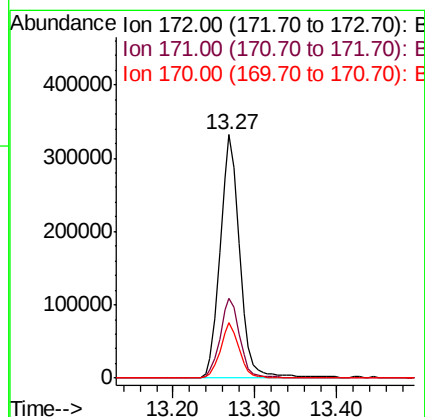
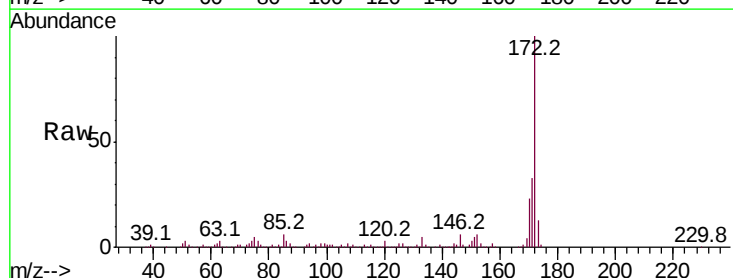
Instrument :
 BNA_G
 ClientSampled :
 PB111656BL

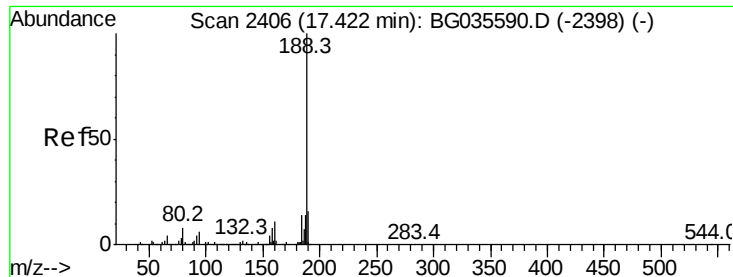
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.9	77.0	115.6
141	38.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 84.982 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036054.D
 Acq: 2 Aug 2018 10:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	30.0	45.0
170	22.6	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

Instrument :

BNA_G

ClientSampleId :

PB111656BL

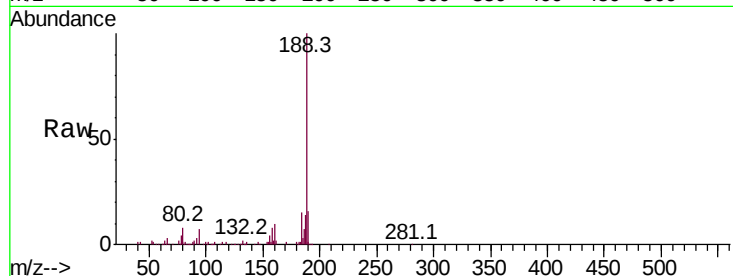
Tot Ion:188 Resp: 252036

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

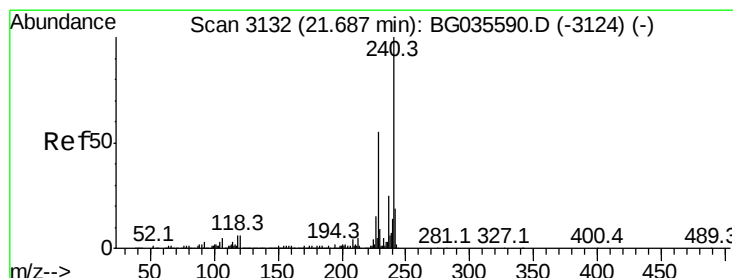
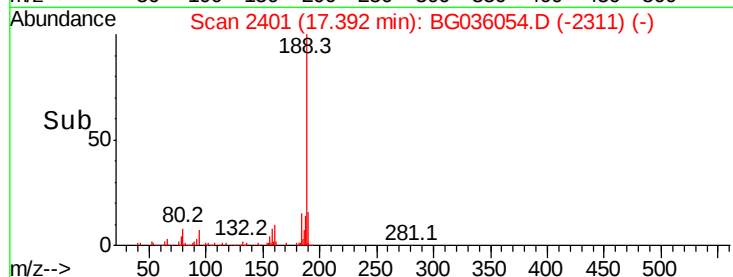
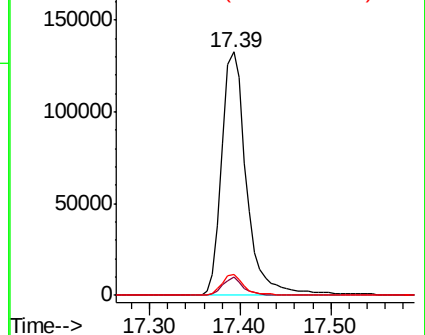
80 8.5 7.7 11.5



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: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

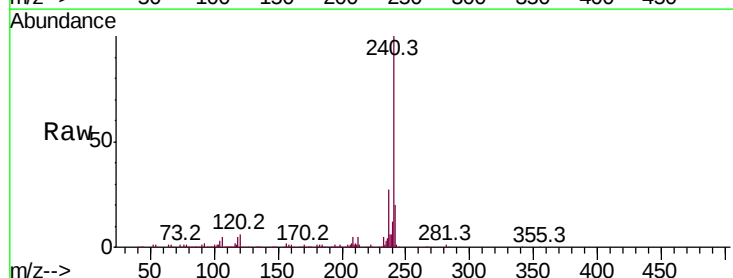
Tgt Ion:240 Resp: 298974

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

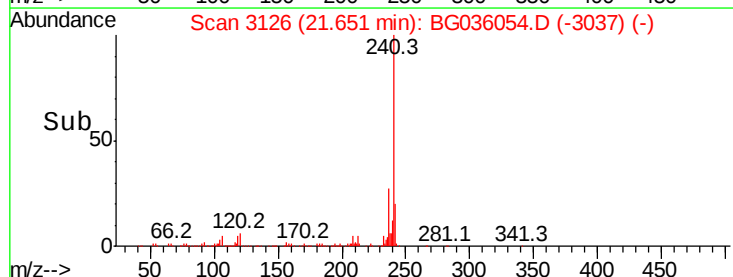
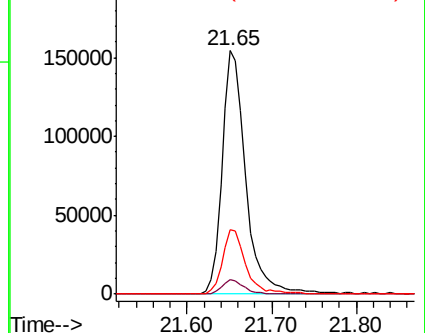
236 26.6 20.9 31.3

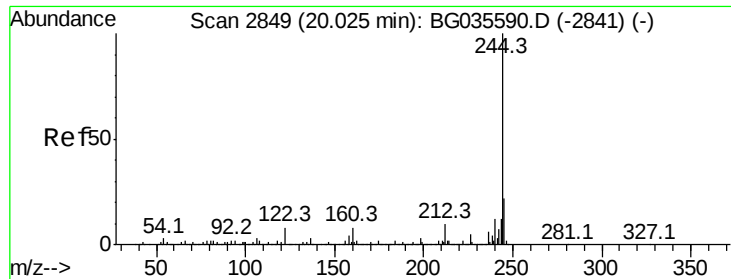


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.888 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

Instrument :

BNA_G

ClientSampleId :

PB111656BL

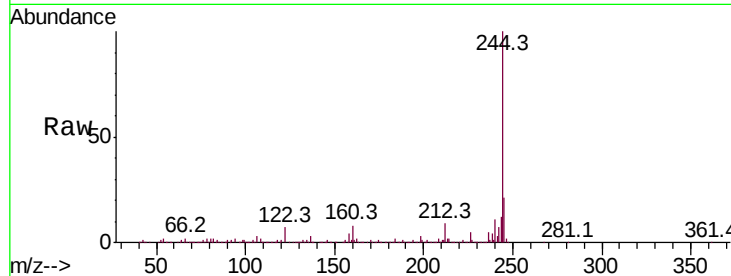
Tot Ion:244 Resp: 1205608

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

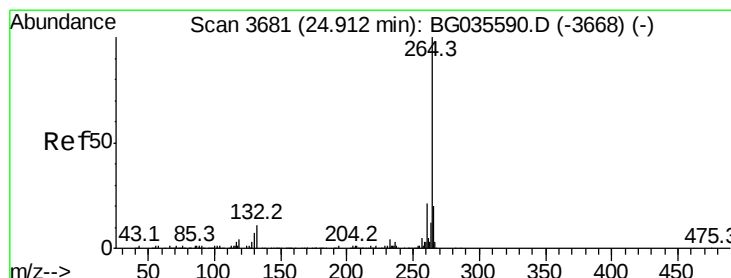
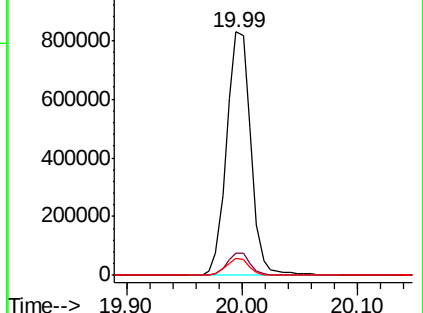
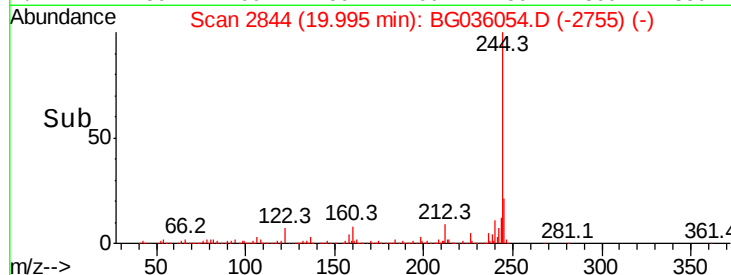
122 7.1 7.0 10.4



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG036054.D

Acq: 2 Aug 2018 10:51

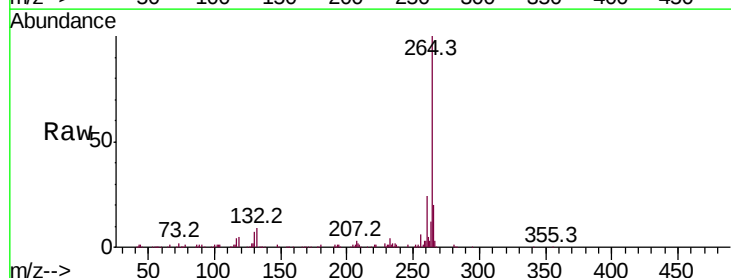
Tgt Ion:264 Resp: 270169

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 20.2 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

