

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
 Data File : BG036167.D
 Acq On : 7 Aug 2018 18:23
 Operator : JU/SJ
 Sample : PB111787BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111787BL

Quant Time: Aug 08 01:54:25 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	8.01	152	28139	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	97008	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	68686	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	204460	20.00	ng	-0.02
75) Chrysene-d12	21.64	240	232729	20.00	ng	-0.02
86) Perylene-d12	24.83	264	218195	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	231432	136.55	ng	-0.01
7) Phenol-d6	7.18	99	318480	125.94	ng	-0.02
23) Nitrobenzene-d5	9.17	82	211425	91.05	ng	-0.02
41) 2,4,6-Tribromophenol	16.13	330	157121	173.55	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	506171	98.73	ng	-0.02
78) Terphenyl-d14	19.99	244	1119693	106.05	ng	-0.02

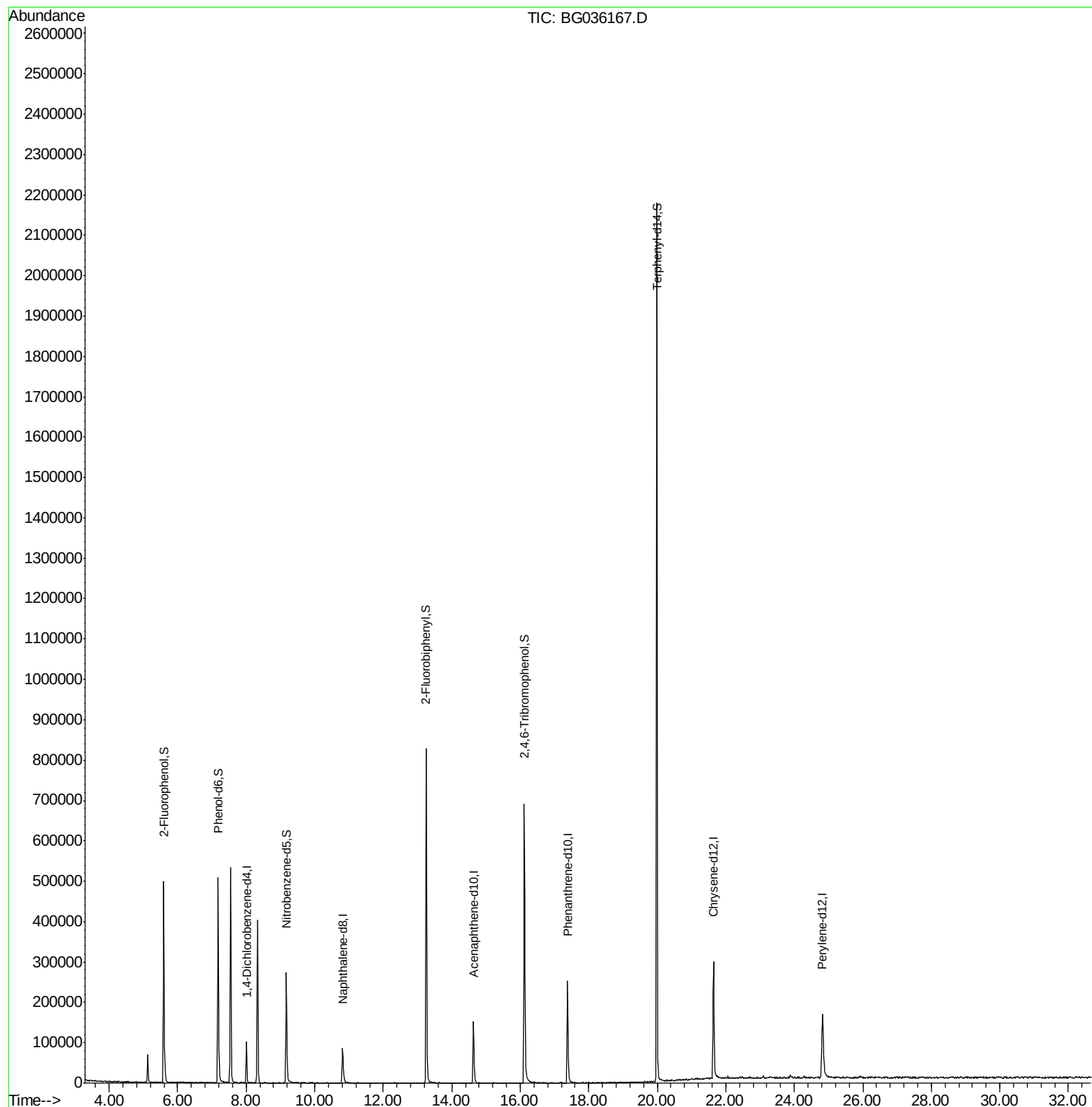
Target Compounds Qvalue

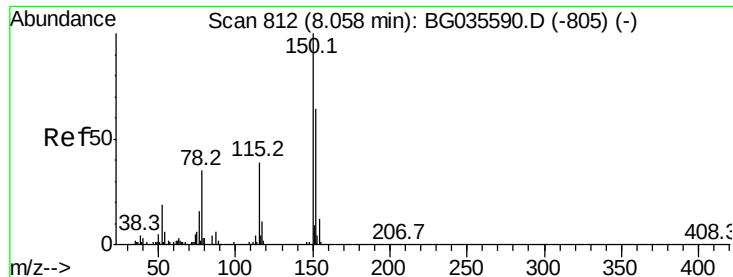
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

Instrument :

BNA_G

ClientSampleId :

PB111787BL

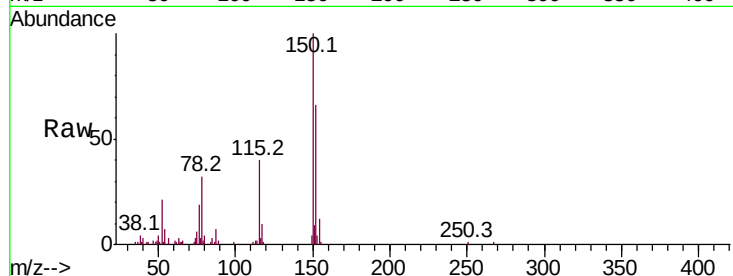
Tot Ion:152 Resp: 28139

Ion Ratio Lower Upper

152 100

150 151.2 126.6 189.8

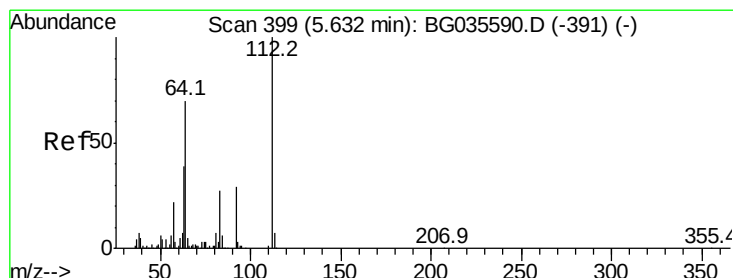
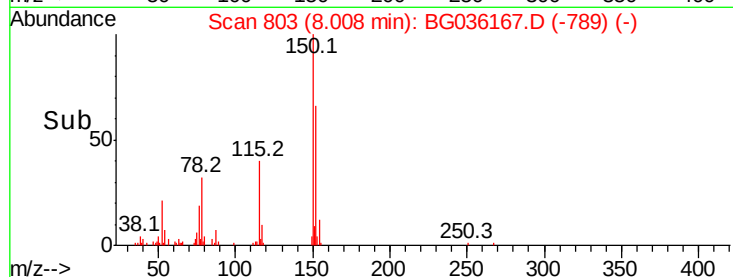
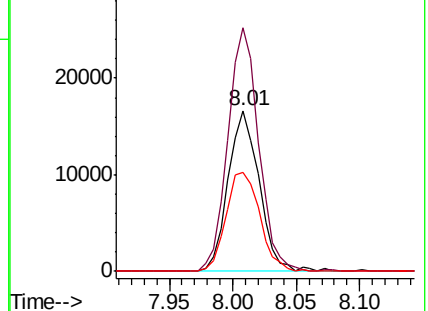
115 61.1 53.0 79.4



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: 136.548 ng

RT: 5.59 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

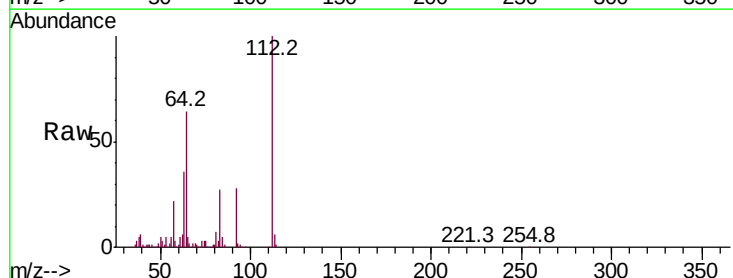
Tgt Ion:112 Resp: 231432

Ion Ratio Lower Upper

112 100

64 63.6 56.3 84.5

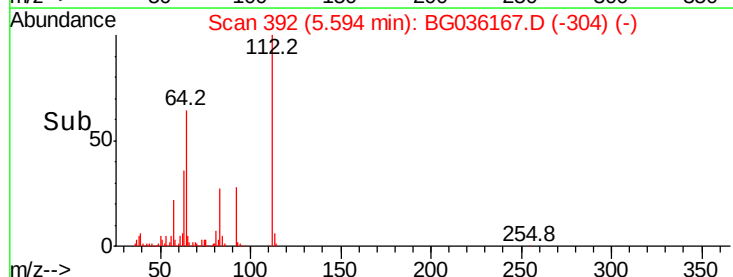
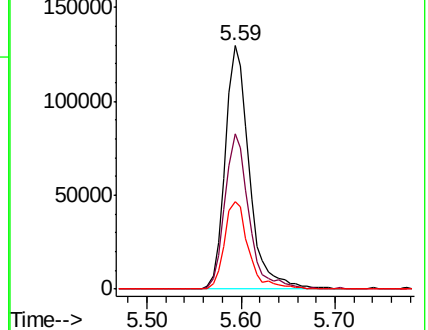
63 36.2 30.1 45.1

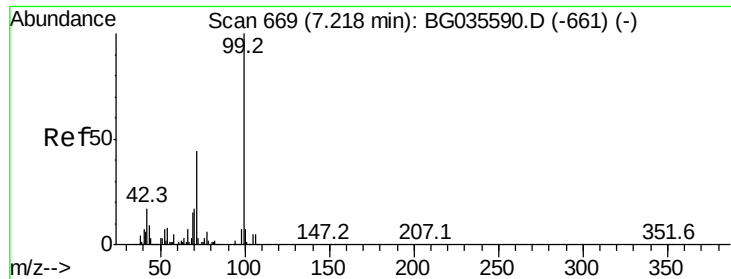


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.944 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

Instrument :

BNA_G

ClientSampleId :

PB111787BL

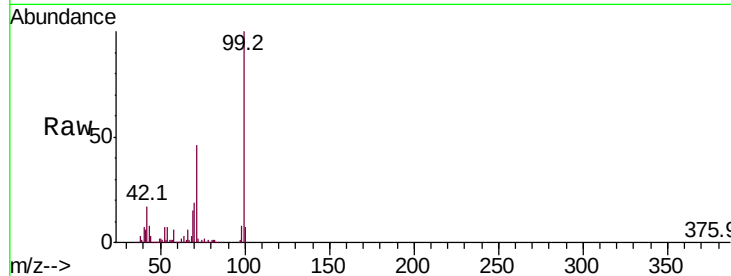
Tot Ion: 99 Resp: 318480

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

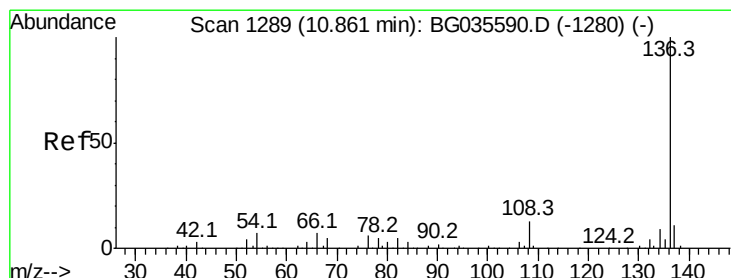
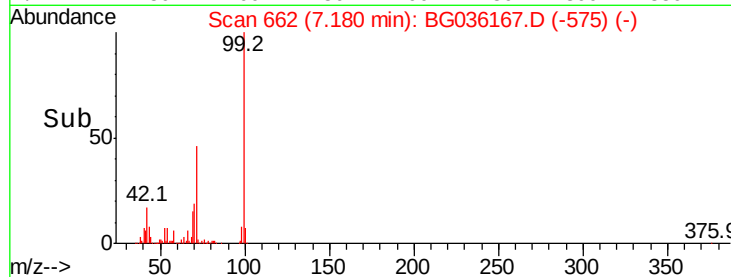
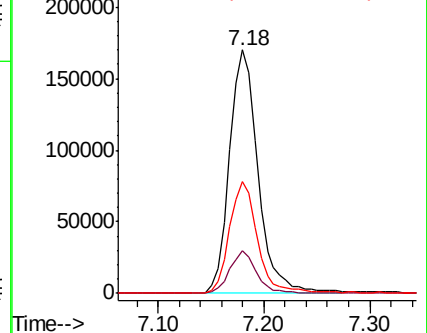
71 45.7 26.1 39.1#



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# 1281

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

Tgt Ion: 136 Resp: 97008

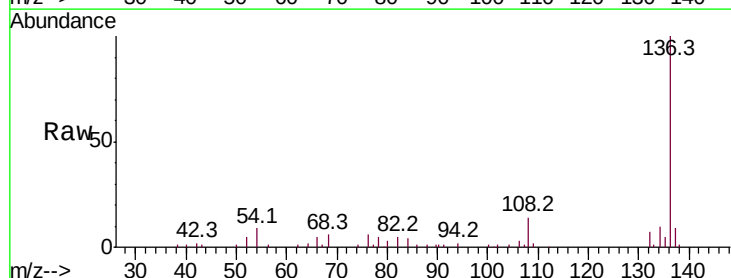
Ion Ratio Lower Upper

136 100

137 9.1 9.2 13.8#

54 8.6 10.3 15.5#

68 6.1 4.5 6.7

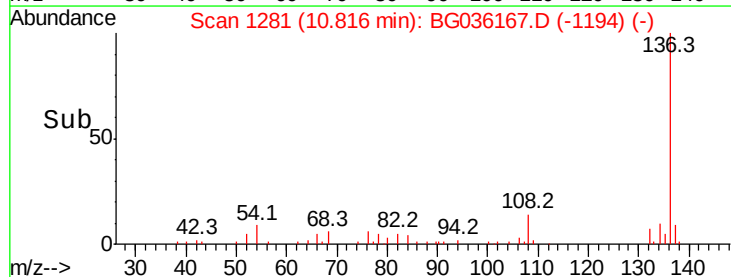
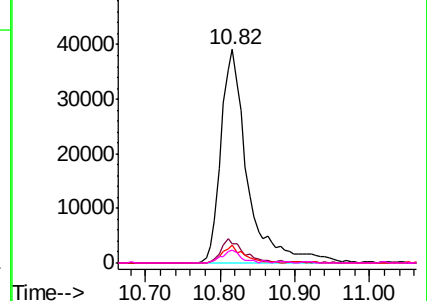


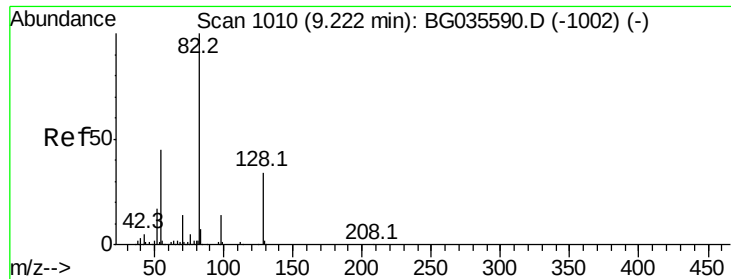
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

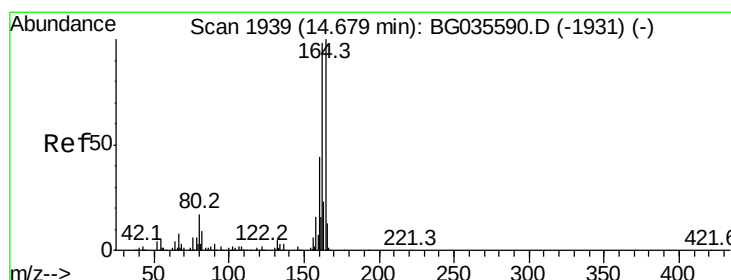
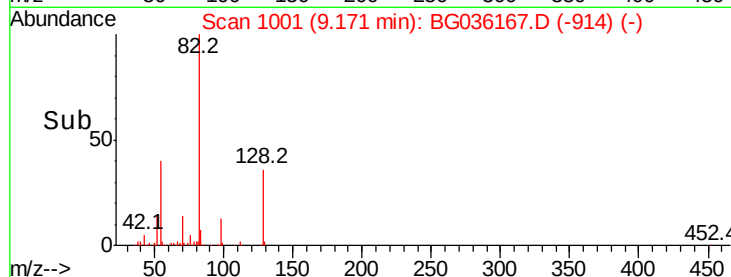
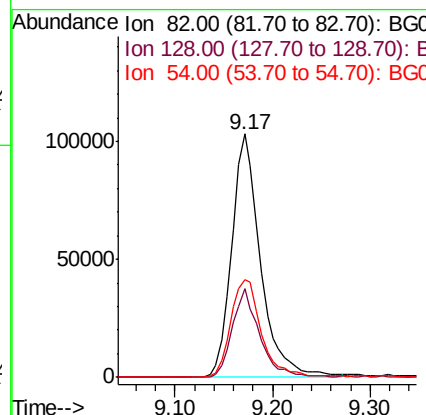
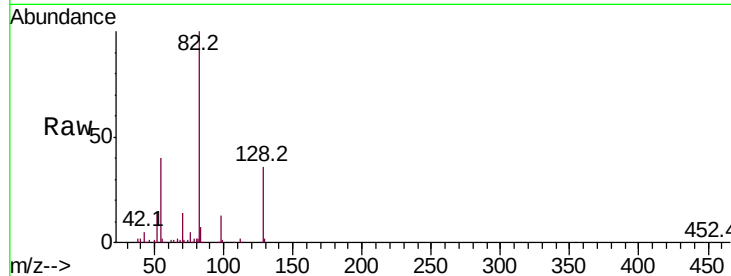




#23
 Nitrobenzene-d5
 Concen: 91.046 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036167.D
 Acq: 7 Aug 2018 18:23

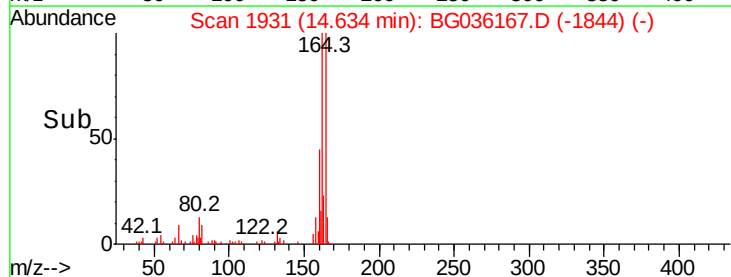
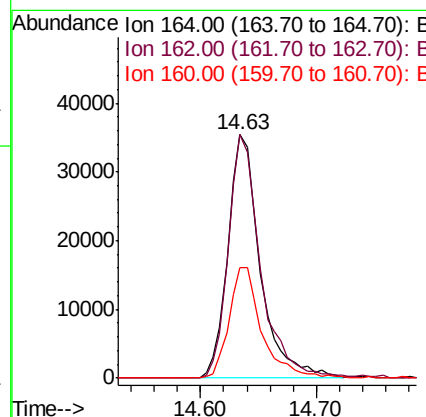
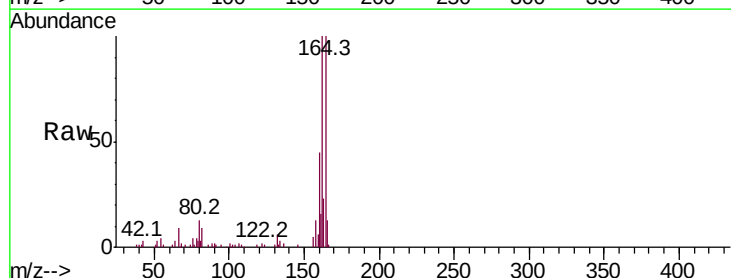
Instrument :
 BNA_G
 ClientSampled :
 PB111787BL

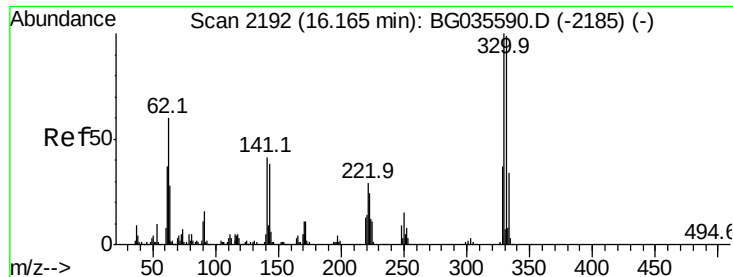
Tot Ion: 82 Resp: 211425
 Ion Ratio Lower Upper
 82 100
 128 36.3 29.7 44.5
 54 40.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036167.D
 Acq: 7 Aug 2018 18:23

Tgt Ion:164 Resp: 68686
 Ion Ratio Lower Upper
 164 100
 162 100.1 78.8 118.2
 160 45.5 35.4 53.0

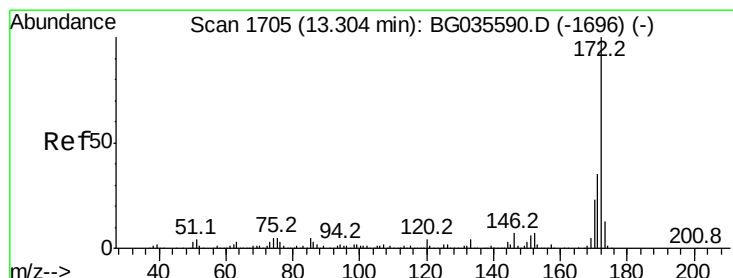
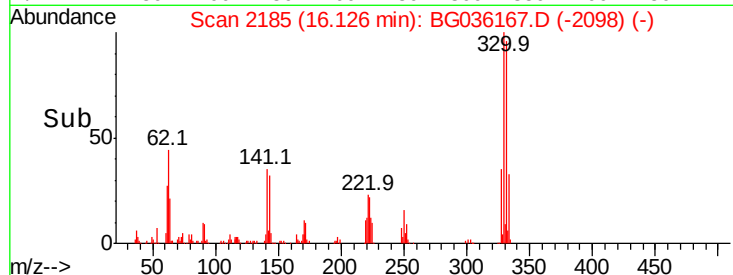
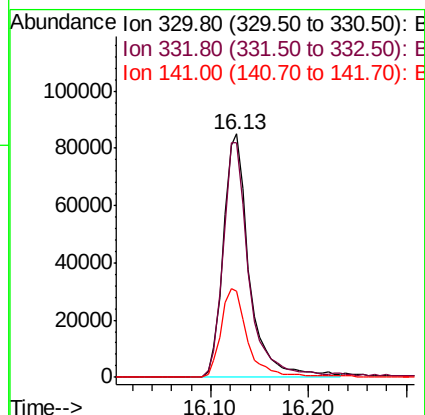
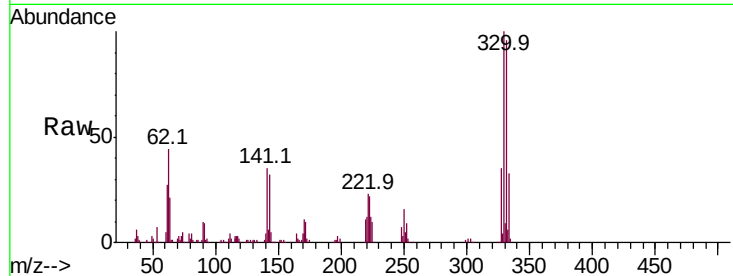




#41
2,4,6-Tribromophenol
Concen: 173.552 ng
RT: 16.13 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036167.D
Acq: 7 Aug 2018 18:23

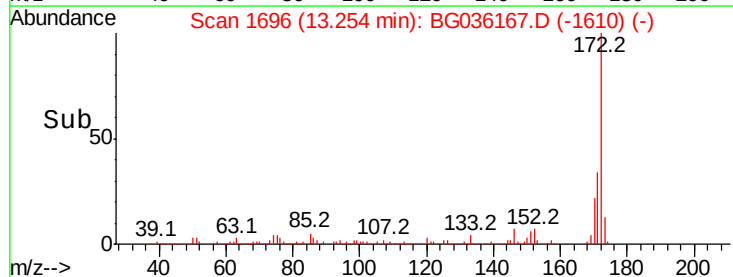
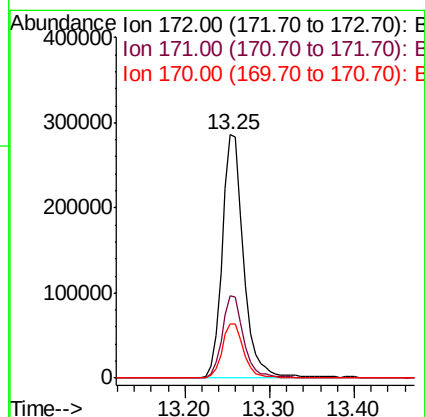
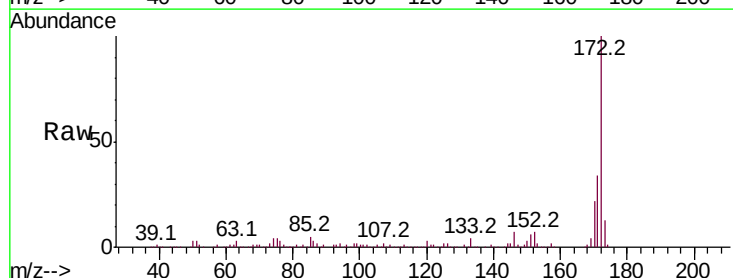
Instrument :
BNA_G
ClientSampled :
PB111787BL

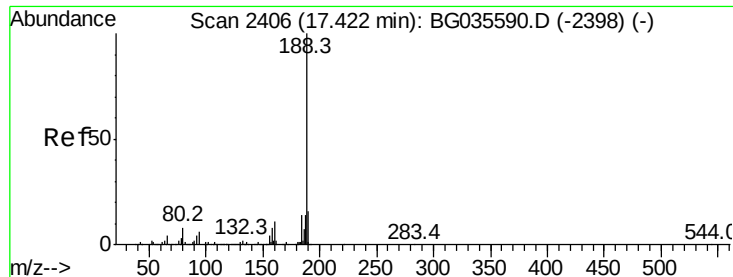
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	37.0	25.2	37.8



#44
2-Fluorobiphenyl
Concen: 98.730 ng
RT: 13.25 min Scan# 1696
Delta R.T. -0.02 min
Lab File: BG036167.D
Acq: 7 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.0	45.0
170	22.2	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

Instrument :

BNA_G

ClientSampleId :

PB111787BL

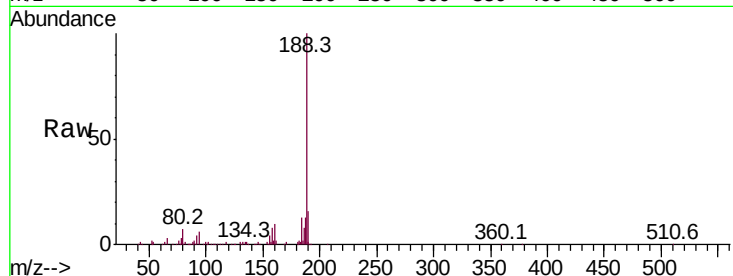
Tot Ion:188 Resp: 204460

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

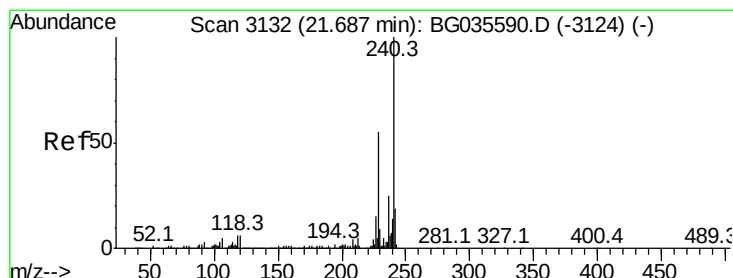
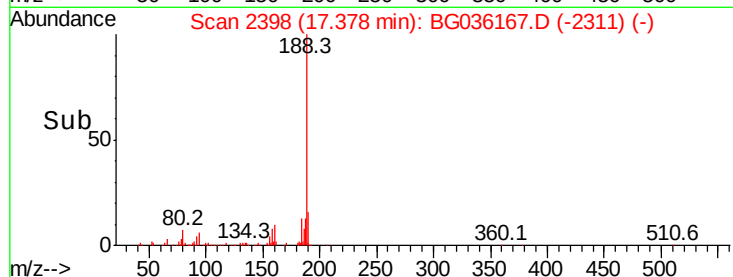
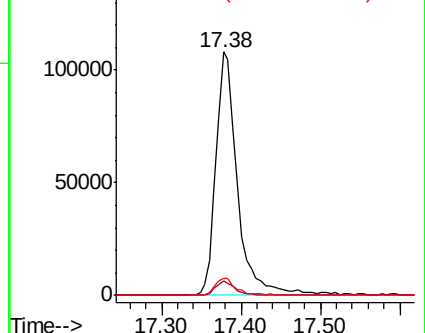
80 7.2 7.7 11.5#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

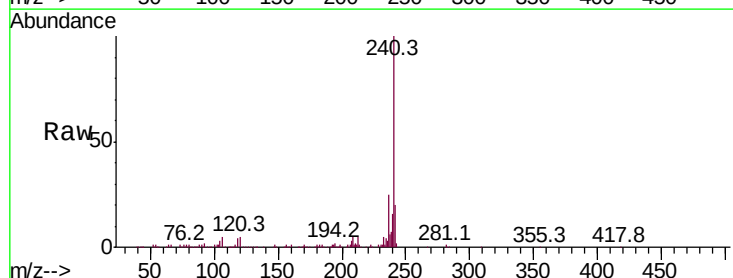
Tgt Ion:240 Resp: 232729

Ion Ratio Lower Upper

240 100

120 4.5 6.8 10.2#

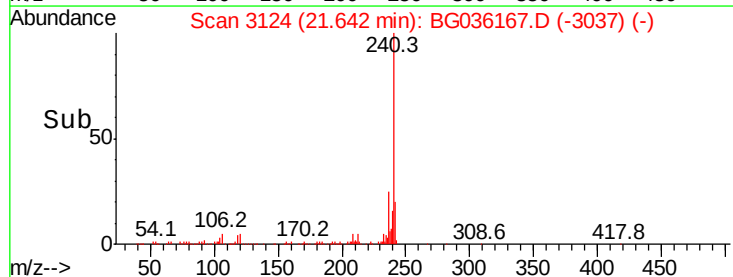
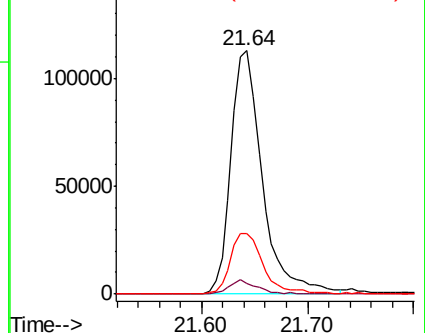
236 25.1 20.9 31.3

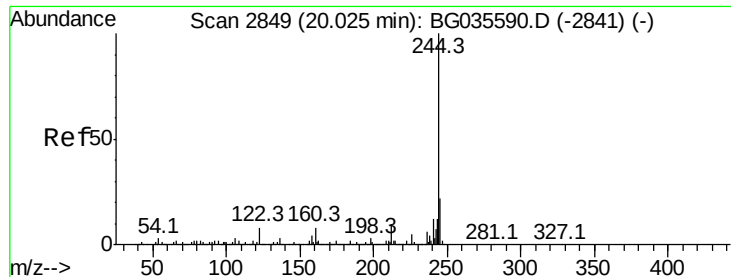


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 106.052 ng

RT: 19.99 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

Instrument :

BNA_G

ClientSampleId :

PB111787BL

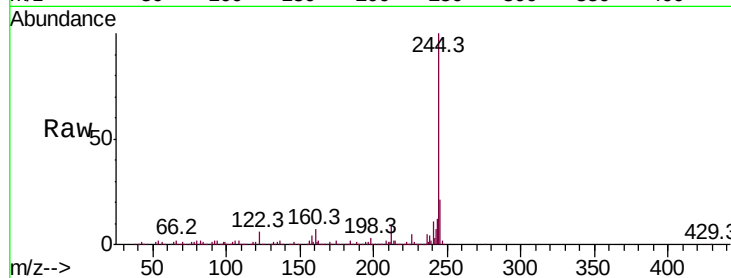
Tot Ion:244 Resp: 1119693

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

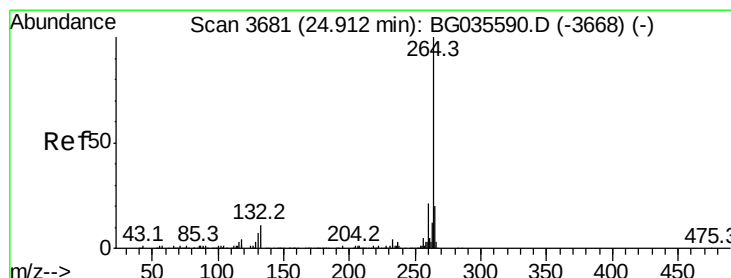
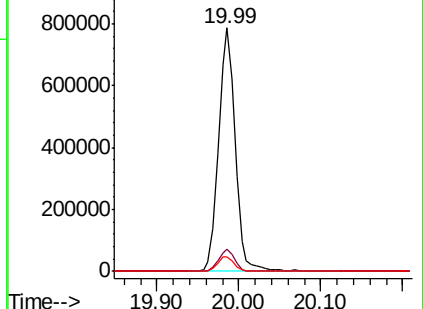
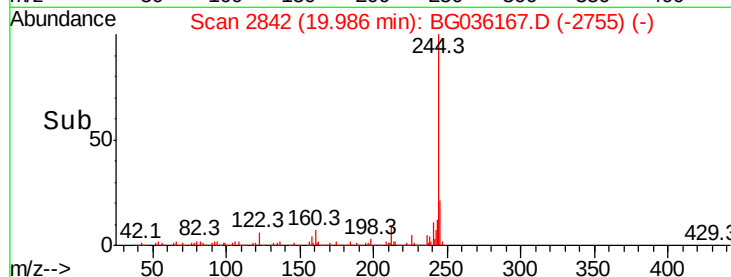
122 6.2 7.0 10.4#



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: 24.83 min Scan# 3666

Delta R.T. -0.03 min

Lab File: BG036167.D

Acq: 7 Aug 2018 18:23

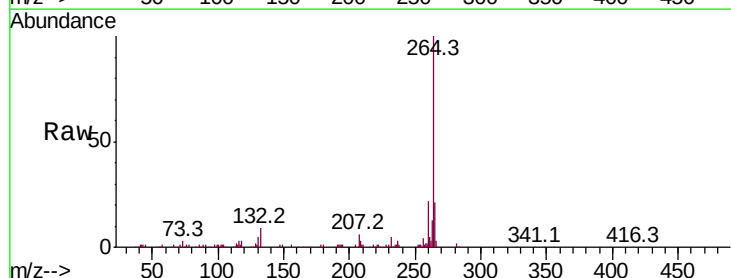
Tgt Ion:264 Resp: 218195

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 20.5 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

