

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035747.D
 Acq On : 19 Jul 2018 10:47
 Operator : JU/SJ
 Sample : PB111228BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BL

Quant Time: Jul 19 12:06:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46726	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	158721	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	114726	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	315516	20.00	ng	0.00
75) Chrysene-d12	21.67	240	354263	20.00	ng	0.00
86) Perylene-d12	24.88	264	331752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	280462	99.65	ng	0.00
7) Phenol-d6	7.20	99	390316	92.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	380044	100.03	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	118920	78.64	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	878427	102.58	ng	0.00
78) Terphenyl-d14	20.01	244	1517527	94.42	ng	0.00

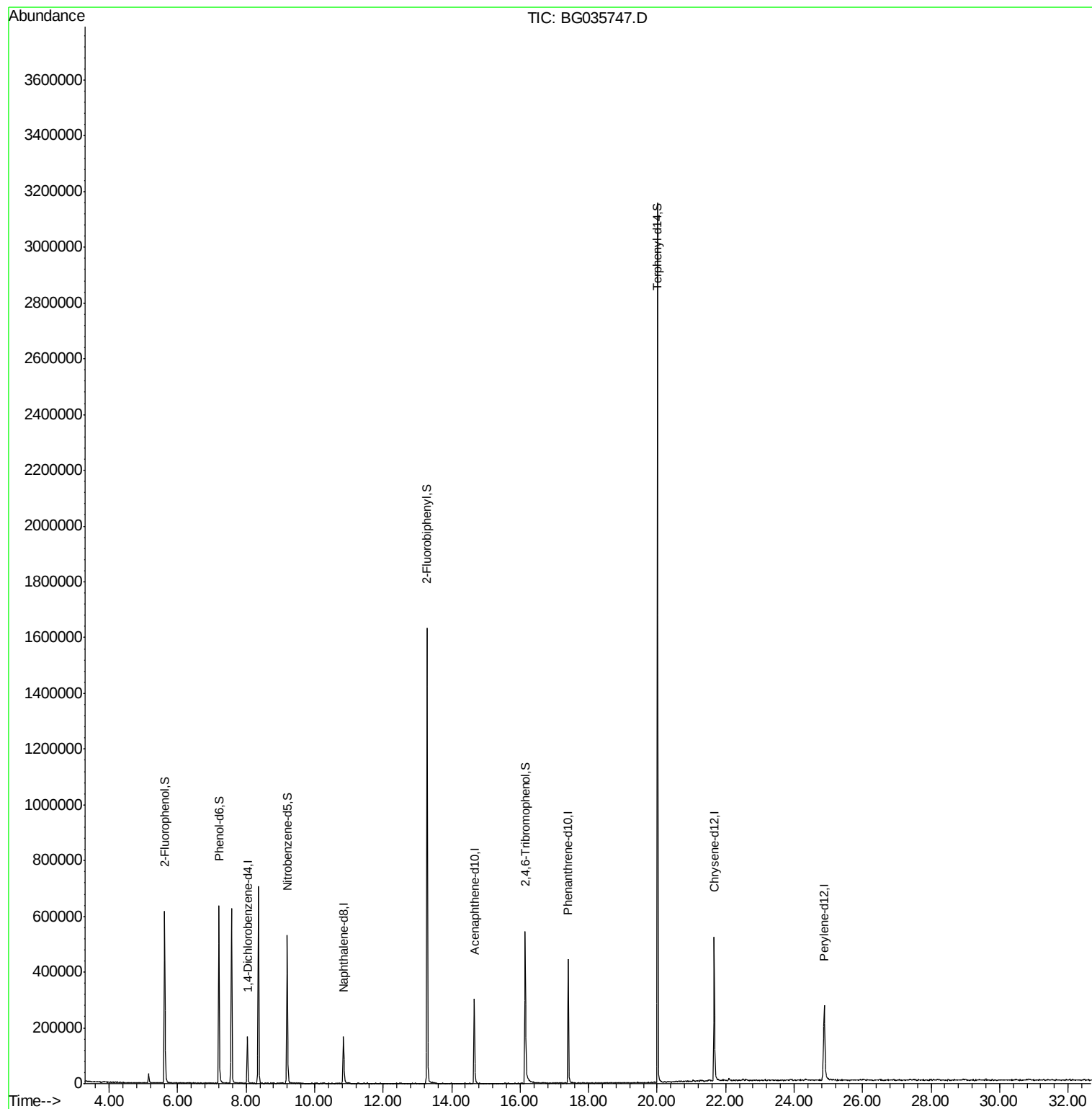
Target Compounds Qvalue

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

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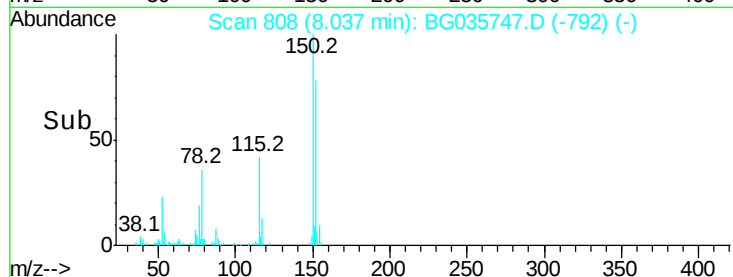
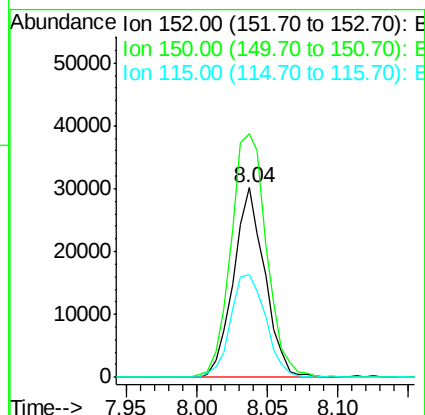
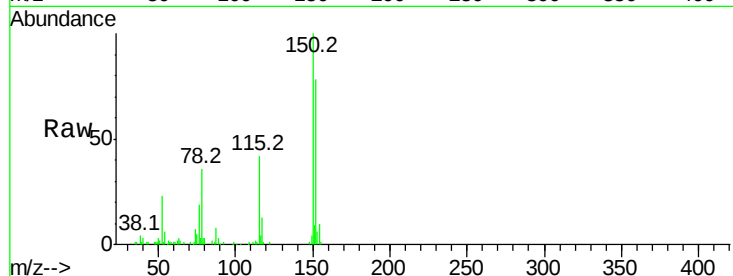


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BG035747.D
 Acq: 19 Jul 2018 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111228BL

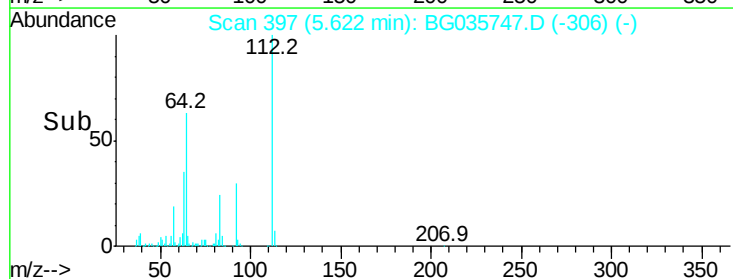
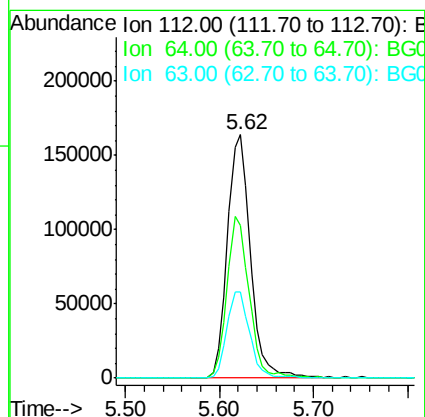
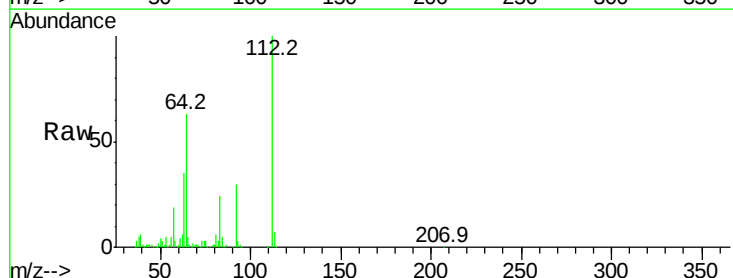
Tot Ion	Ratio	Lower	Upper
152	100		
150	128.3	126.6	189.8
115	54.1	53.0	79.4



#5

2-Fluorophenol
 Concen: 99.652 ng
 RT: 5.62 min Scan# 397
 Delta R.T. 0.00 min
 Lab File: BG035747.D
 Acq: 19 Jul 2018 10:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	35.3	30.1	45.1





#7

Phenol-d6

Concen: 92.953 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

Instrument :

BNA_G

ClientSampleId :

PB111228BL

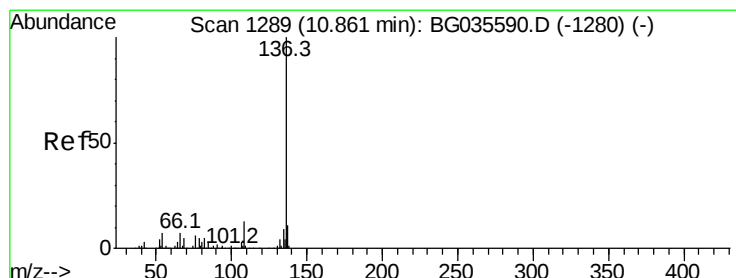
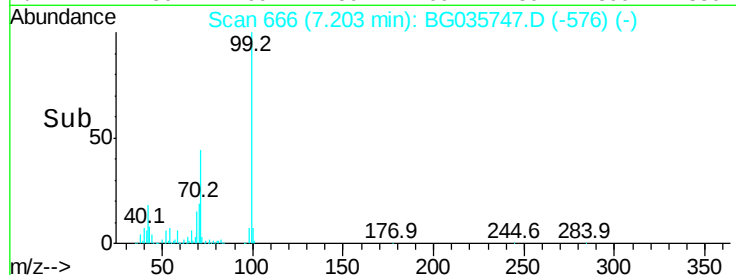
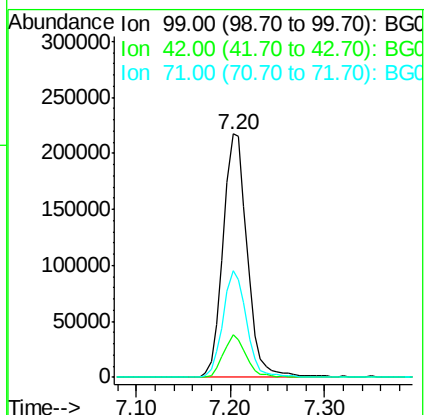
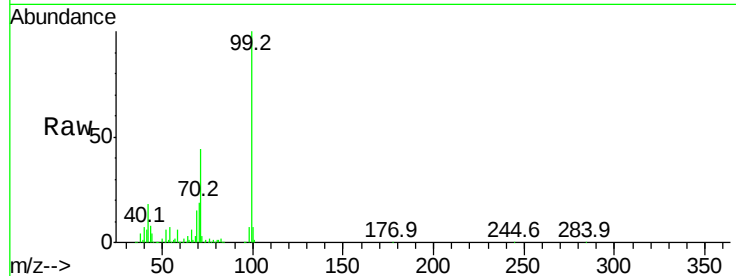
Tot Ion: 99 Resp: 390316

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

71 43.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

Tgt Ion: 136 Resp: 158721

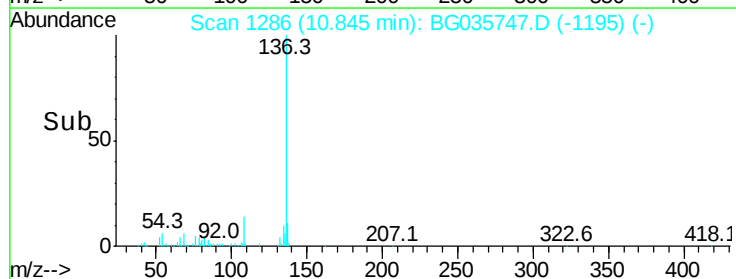
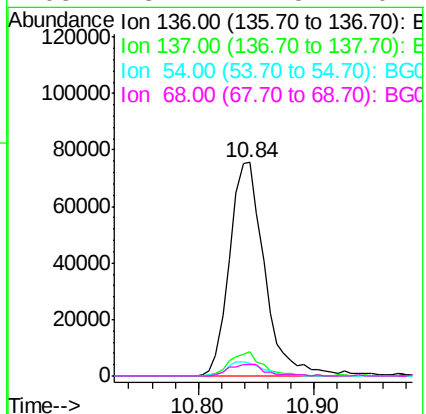
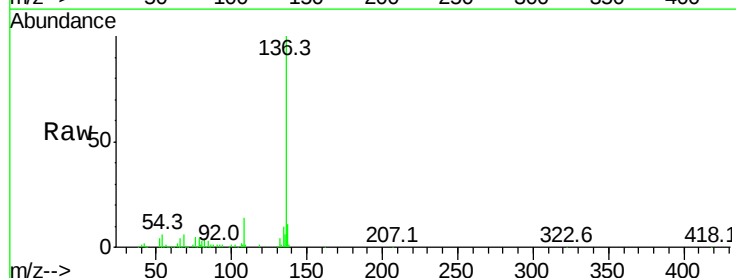
Ion Ratio Lower Upper

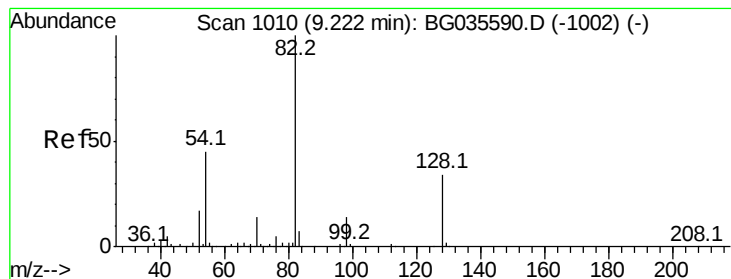
136 100

137 11.2 9.2 13.8

54 5.8 10.3 15.5#

68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 100.026 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

Instrument :

BNA_G

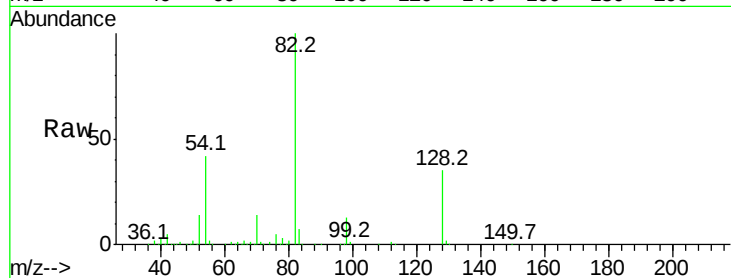
ClientSampleId :

PB111228BL

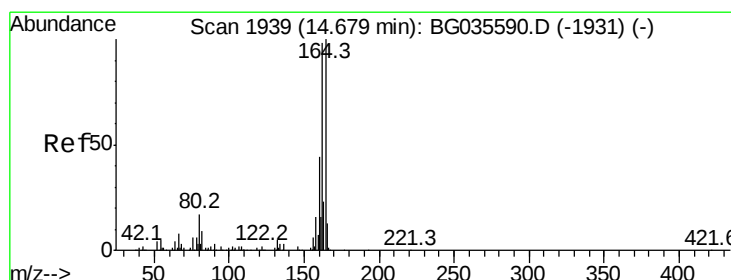
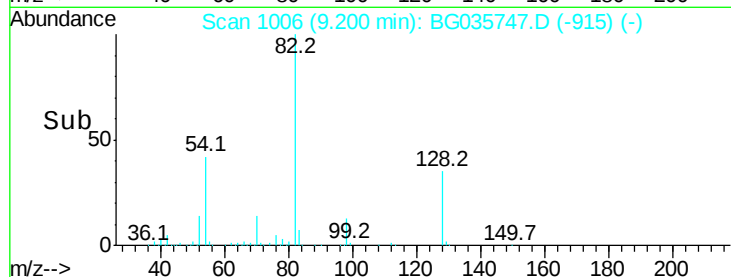
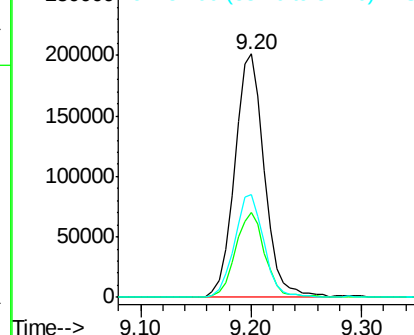
Tot Ion: 82 Resp: 380044

Ion Ratio Lower Upper

82	100		
128	34.6	29.7	44.5
54	42.3	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

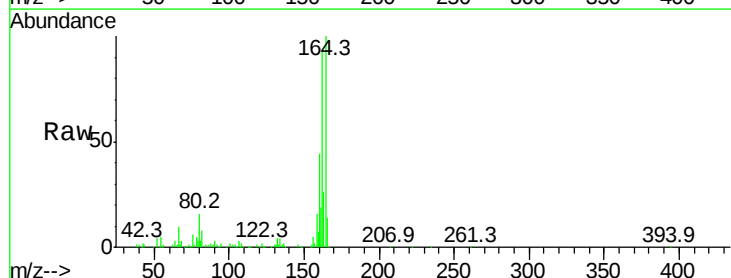
Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

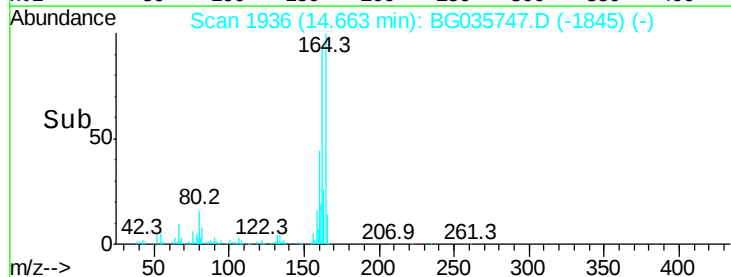
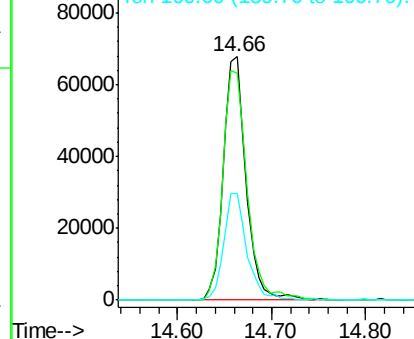
Tgt Ion:164 Resp: 114726

Ion Ratio Lower Upper

164	100		
162	93.4	78.8	118.2
160	43.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

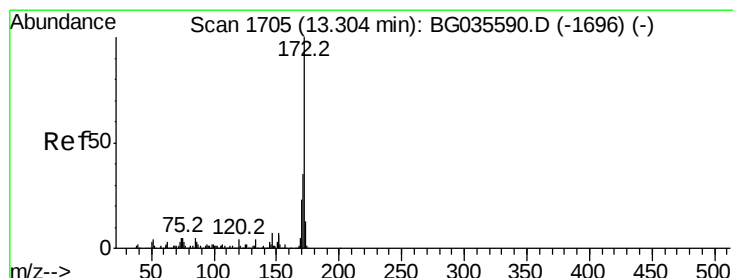
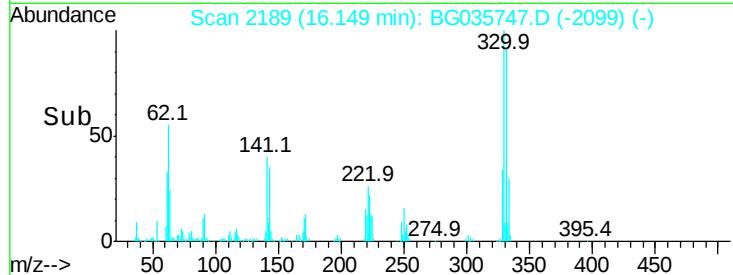
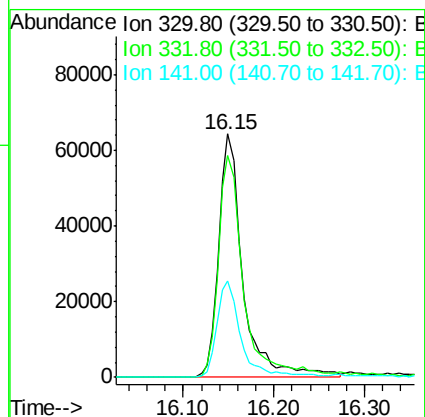
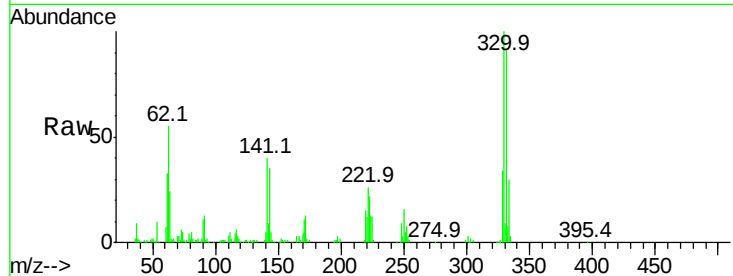




#41
 2,4,6-Tribromophenol
 Concen: 78.642 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG035747.D
 Acq: 19 Jul 2018 10:47

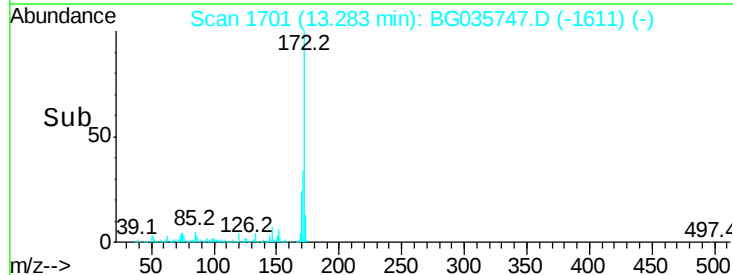
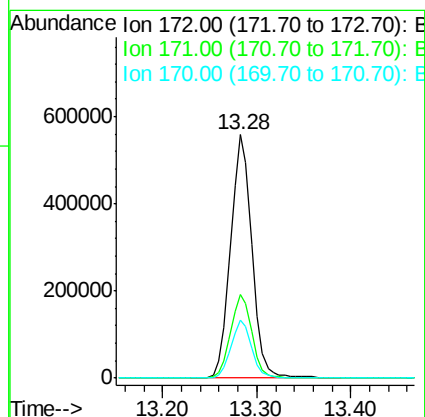
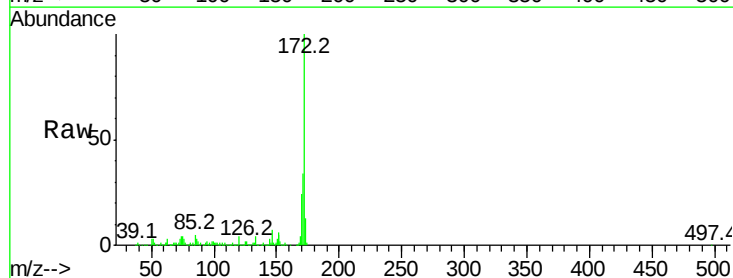
Instrument :
 BNA_G
 ClientSampleId :
 PB111228BL

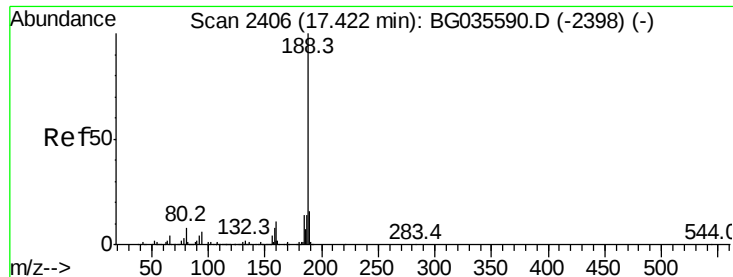
Tot Ion:330 Resp: 118920
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.0 115.6
 141 38.6 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.580 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG035747.D
 Acq: 19 Jul 2018 10:47

Tgt Ion:172 Resp: 878427
 Ion Ratio Lower Upper
 172 100
 171 34.4 30.0 45.0
 170 23.9 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

Instrument :

BNA_G

ClientSampleId :

PB111228BL

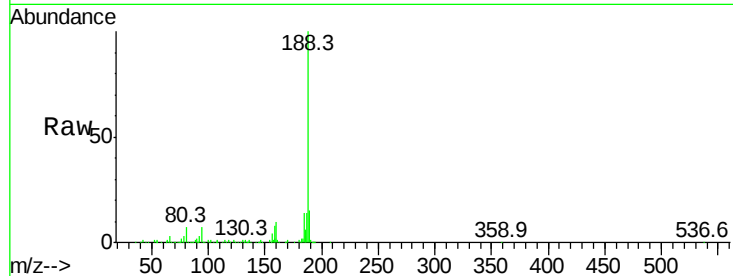
Tot Ion:188 Resp: 315516

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

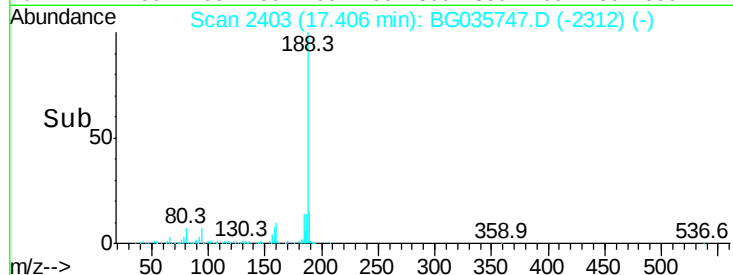
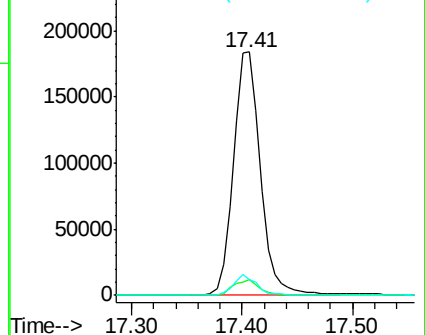
80 6.7 7.7 11.5#



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: 21.67 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

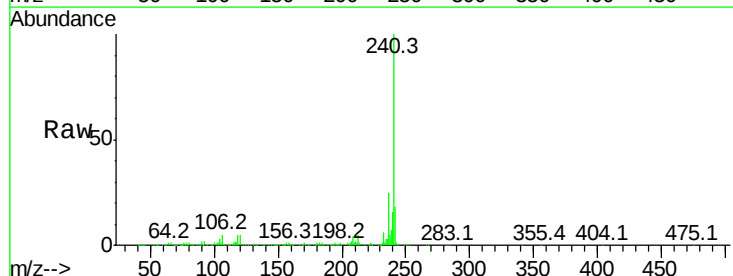
Tgt Ion:240 Resp: 354263

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

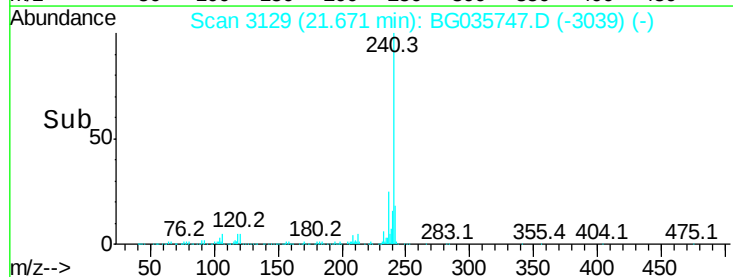
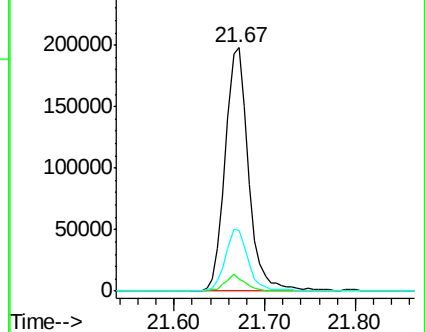
236 24.9 20.9 31.3

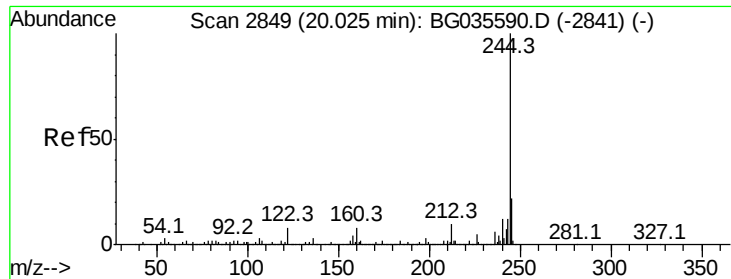


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.424 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

Instrument :

BNA_G

ClientSampleId :

PB111228BL

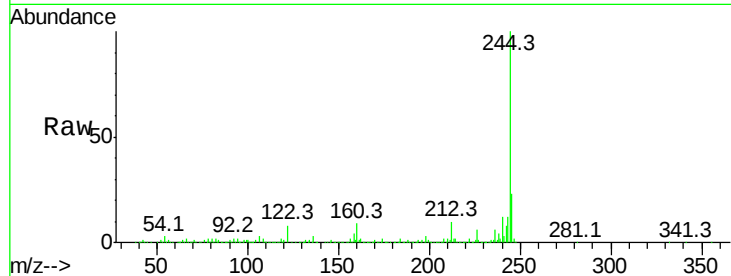
Tot Ion:244 Resp: 1517527

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

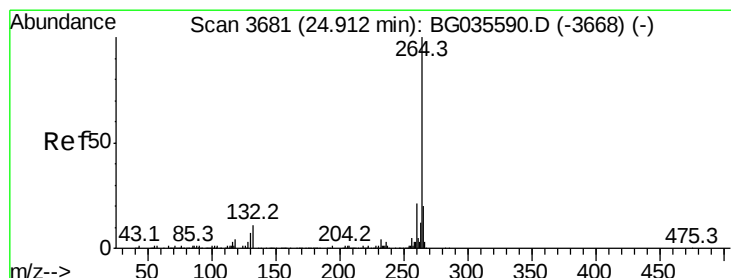
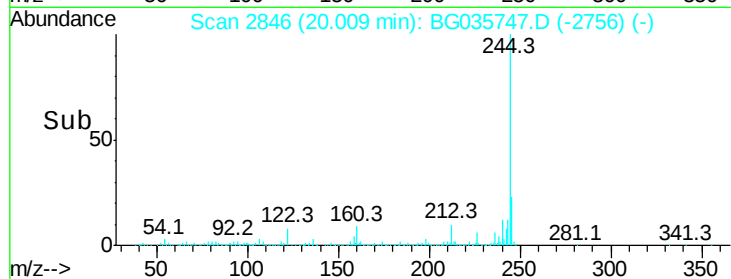
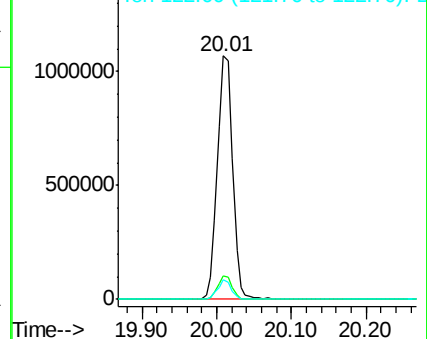
122 7.9 7.0 10.4



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: 24.88 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BG035747.D

Acq: 19 Jul 2018 10:47

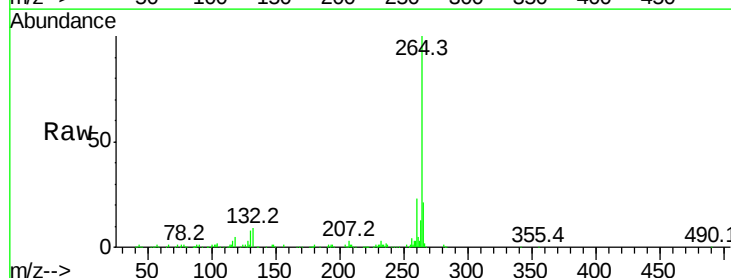
Tgt Ion:264 Resp: 331752

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 21.5 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

