

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037144.D
 Acq On : 4 Oct 2018 3:38
 Operator : JU/SJ
 Sample : J5194-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-A

Quant Time: Oct 04 04:34:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	52278	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	205263	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	121229	20.00	ng	-0.02
63) Phenanthrene-d10	17.41	188	281202	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	302017	20.00	ng	-0.02
86) Perylene-d12	24.88	264	295263	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	339024	124.37	ng	0.00
7) Phenol-d6	7.20	99	405217	96.08	ng	-0.01
23) Nitrobenzene-d5	9.20	82	339811	88.65	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144382	99.54	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	661188	81.23	ng	-0.02
78) Terphenyl-d14	20.02	244	1079238	93.96	ng	-0.01

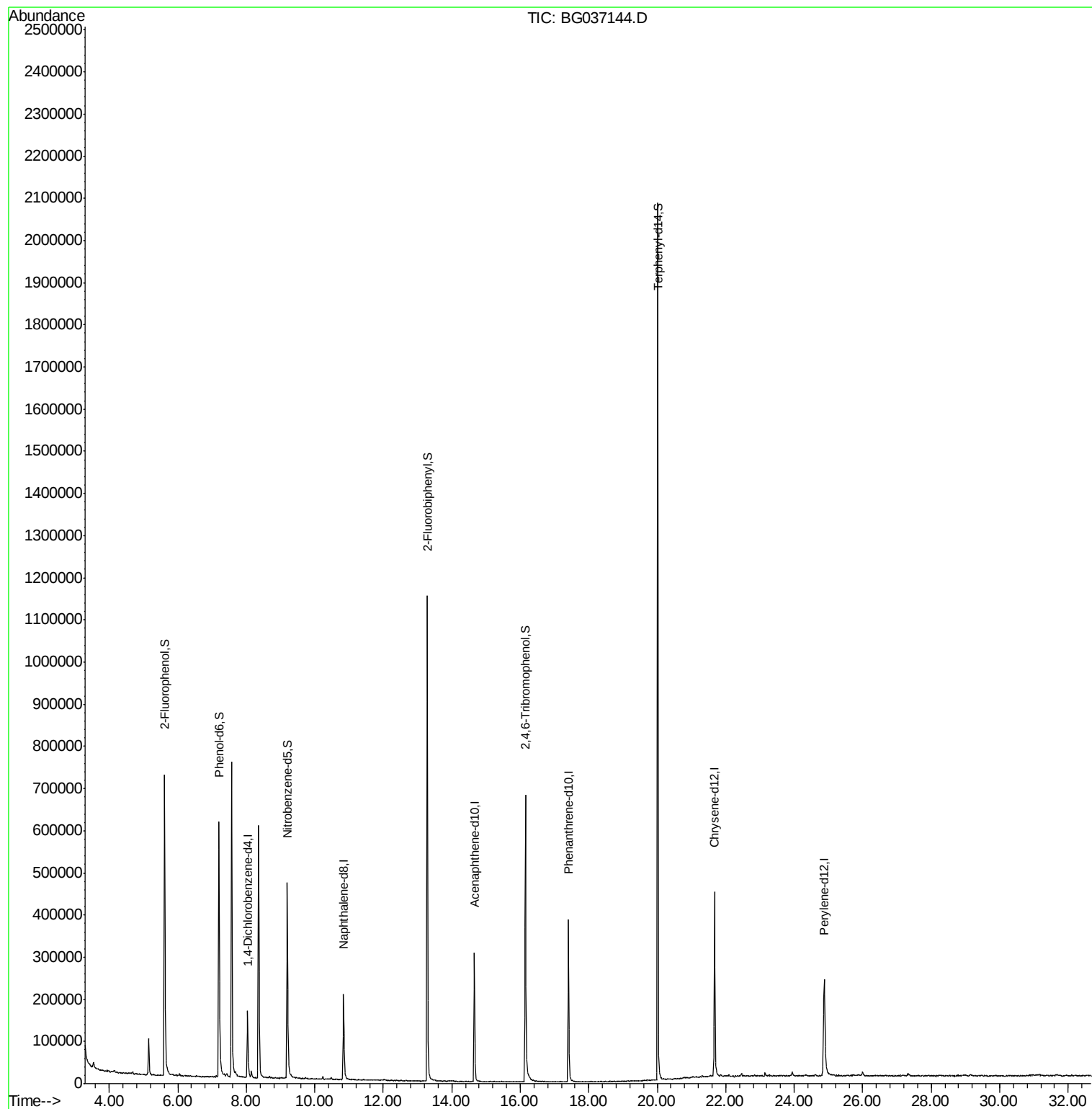
Target Compounds Qvalue

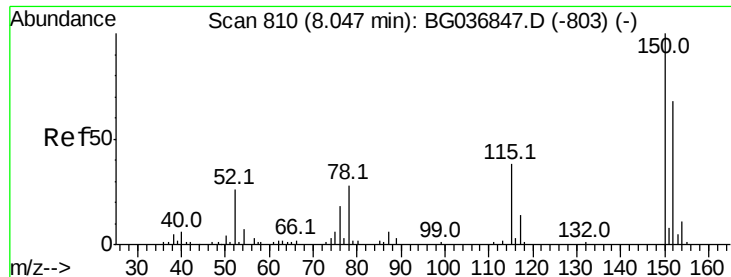
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.00 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-A

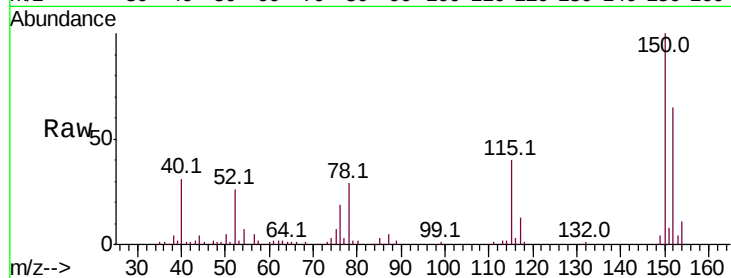
Tot Ion:152 Resp: 52278

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

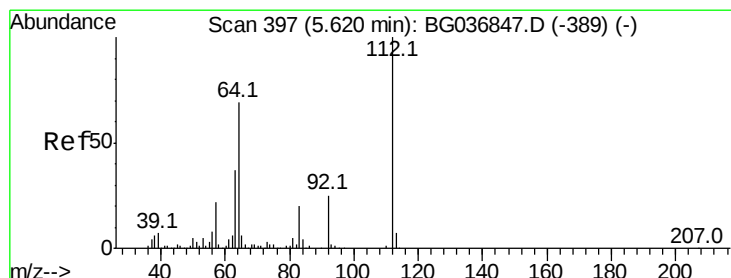
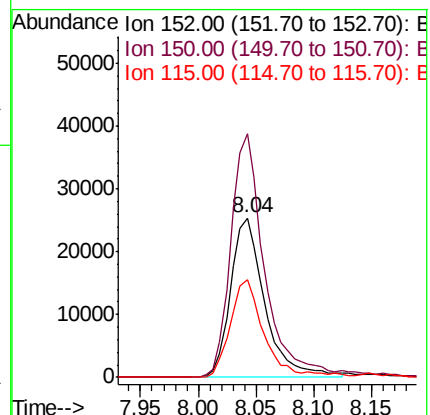
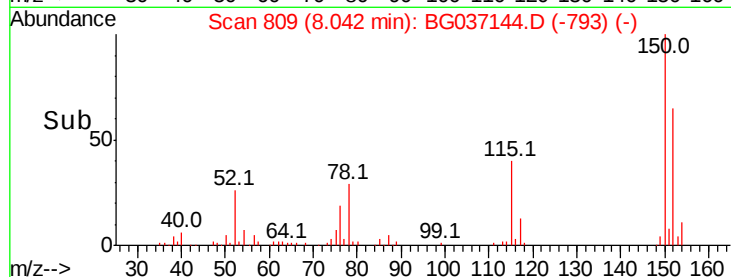
115 61.0 44.5 66.7



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: 124.369 ng

RT: 5.62 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

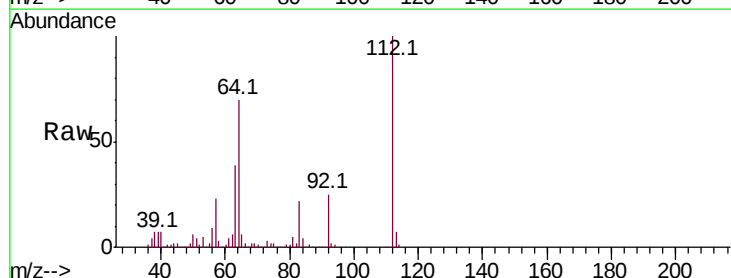
Tgt Ion:112 Resp: 339024

Ion Ratio Lower Upper

112 100

64 70.2 57.2 85.8

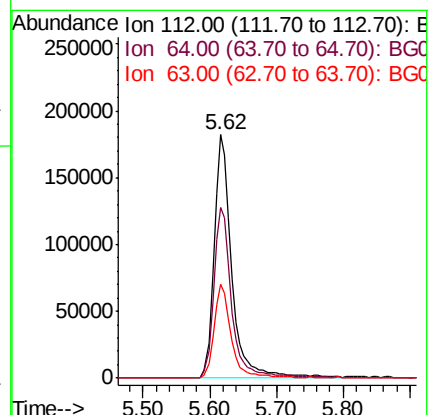
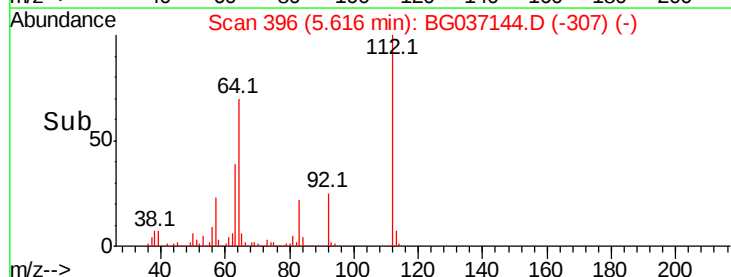
63 38.6 30.8 46.2

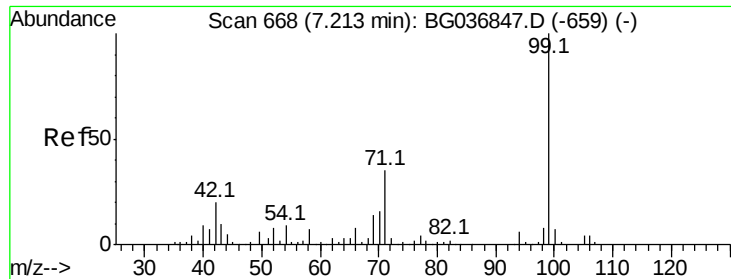


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 96.079 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-A

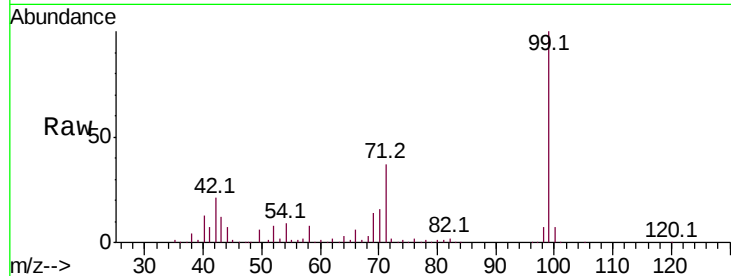
Tot Ion: 99 Resp: 405217

Ion Ratio Lower Upper

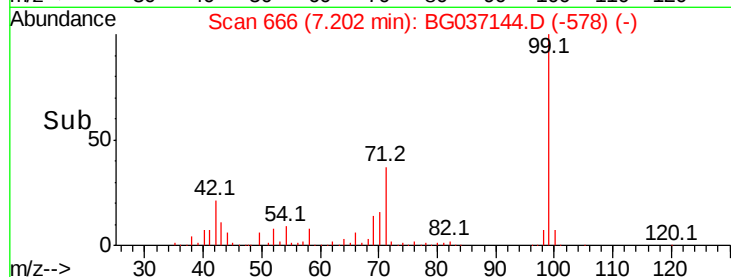
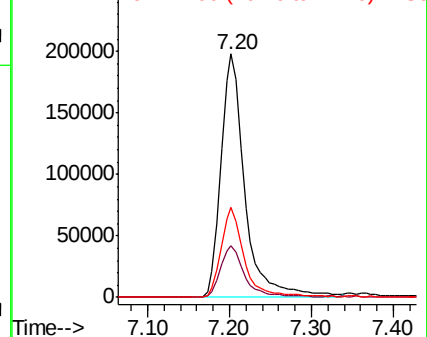
99 100

42 21.0 16.5 24.7

71 37.0 29.4 44.2



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: 10.84 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Tgt Ion: 136 Resp: 205263

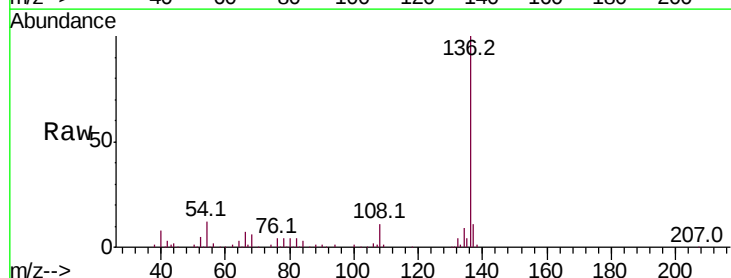
Ion Ratio Lower Upper

136 100

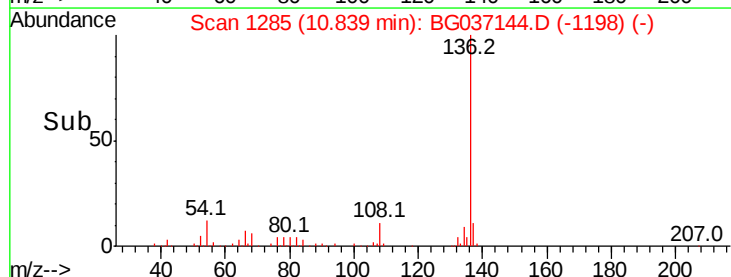
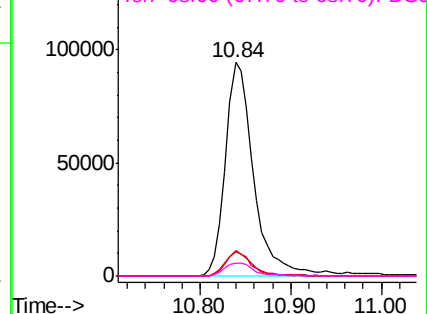
137 11.2 8.8 13.2

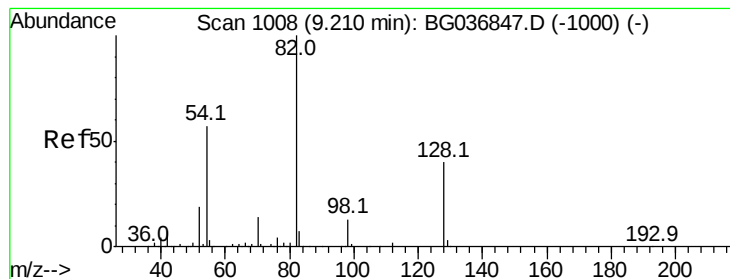
54 11.9 9.2 13.8

68 6.2 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 88.653 ng

RT: 9.20 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-A

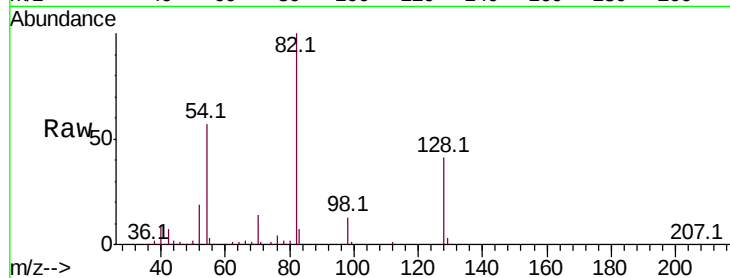
Tot Ion: 82 Resp: 339811

Ion Ratio Lower Upper

82 100

128 41.1 33.3 49.9

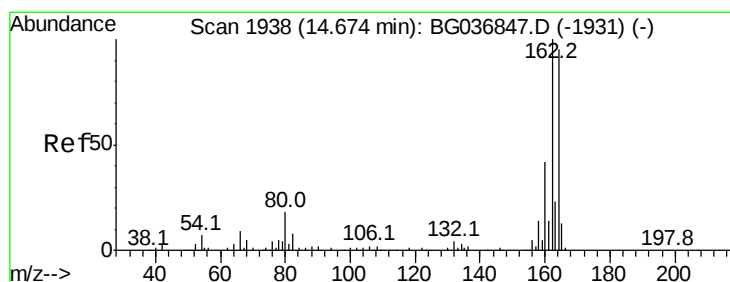
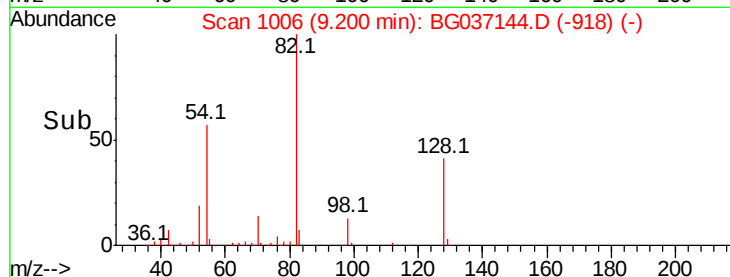
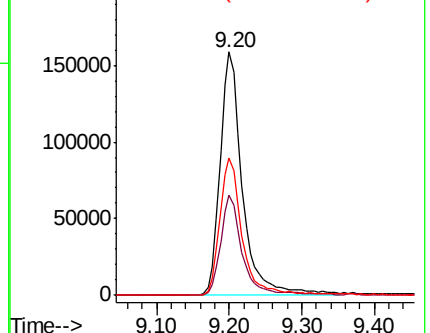
54 56.5 45.1 67.7



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# 1935

Delta R.T. -0.02 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

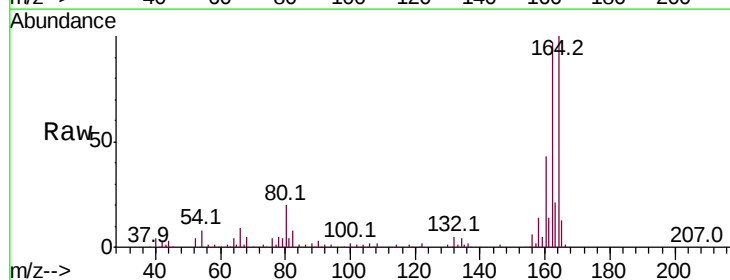
Tgt Ion:164 Resp: 121229

Ion Ratio Lower Upper

164 100

162 97.2 80.7 121.1

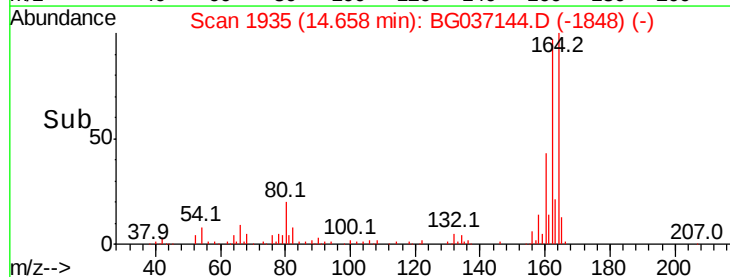
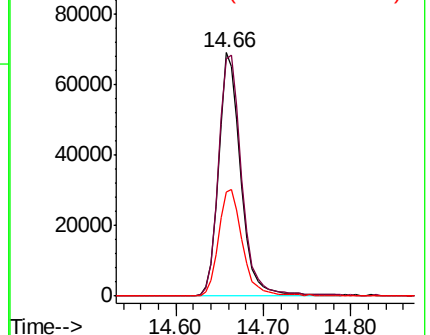
160 42.8 35.3 52.9

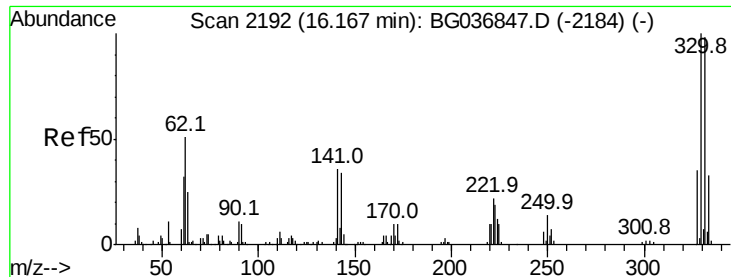


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

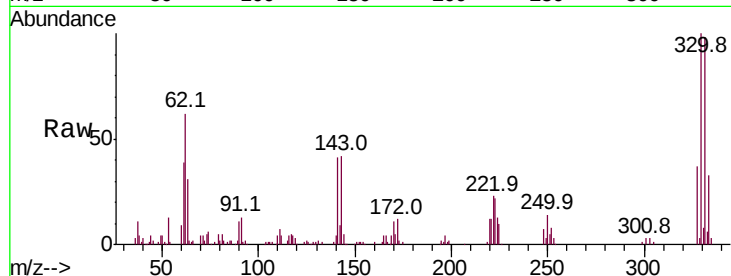




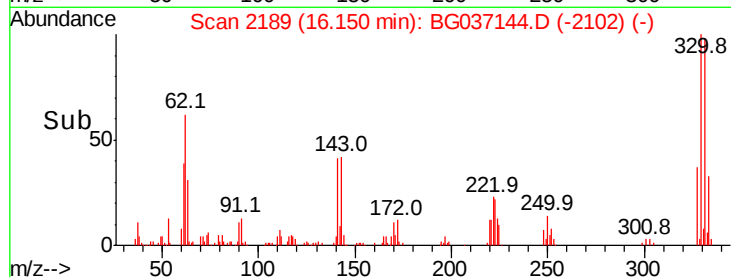
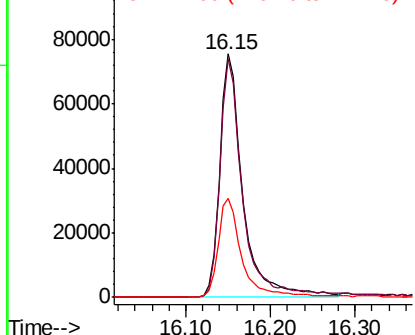
#41
 2,4,6-Tribromophenol
 Concen: 99.544 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037144.D
 Acq: 4 Oct 2018 3:38

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-100218-A

Tot Ion:330 Resp: 144382
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.2
 141 41.3 30.7 46.1

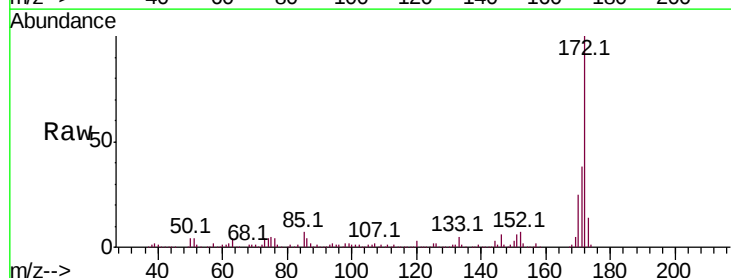


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

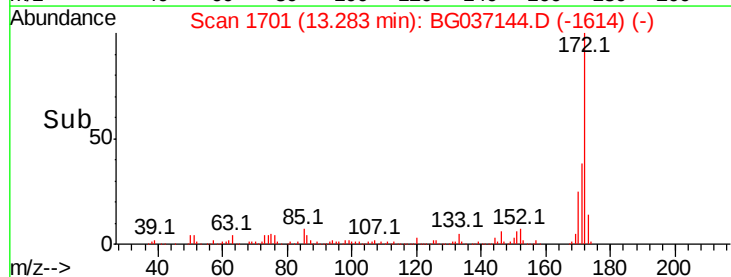
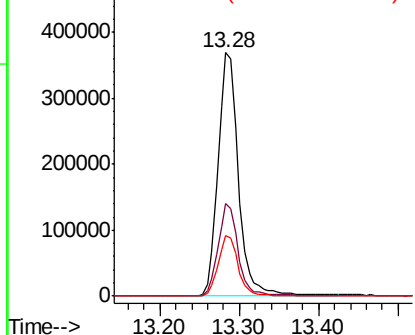


#44
 2-Fluorobiphenyl
 Concen: 81.232 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.02 min
 Lab File: BG037144.D
 Acq: 4 Oct 2018 3:38

Tgt Ion:172 Resp: 661188
 Ion Ratio Lower Upper
 172 100
 171 37.9 31.3 46.9
 170 25.0 21.0 31.6



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: 17.41 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-A

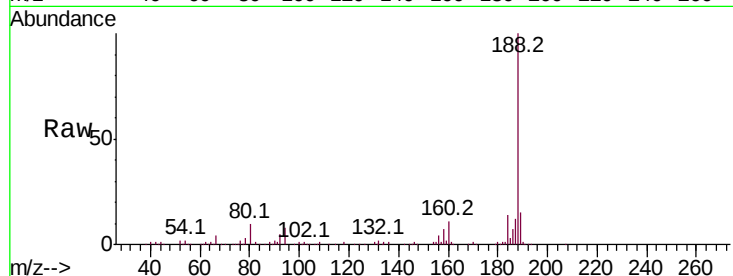
Tot Ion:188 Resp: 281202

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

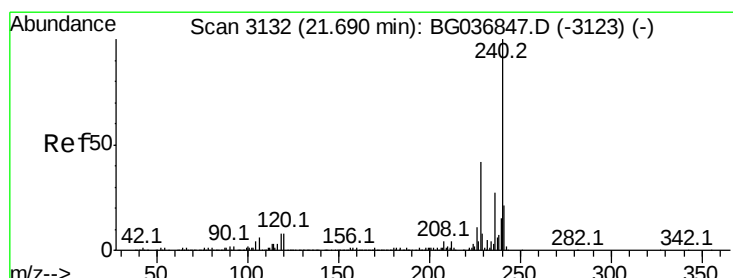
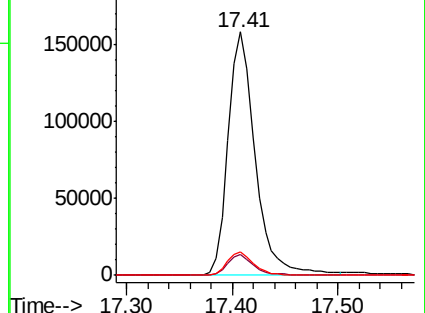
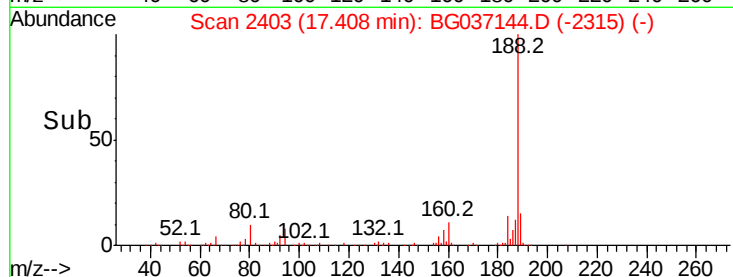
80 9.7 8.1 12.1



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: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

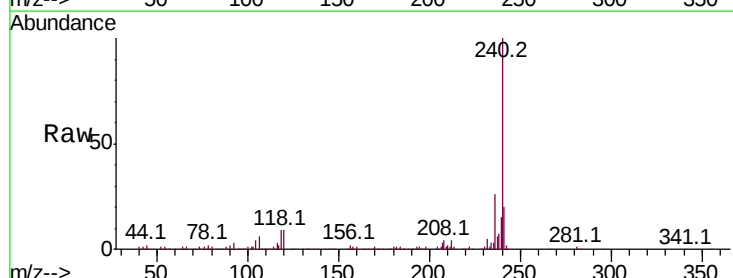
Tgt Ion:240 Resp: 302017

Ion Ratio Lower Upper

240 100

120 9.0 6.9 10.3

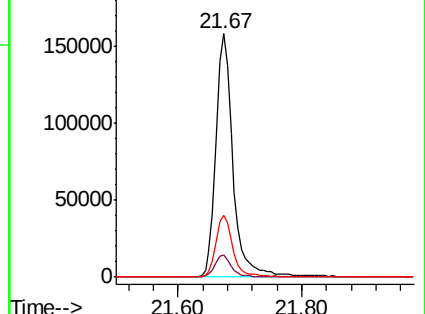
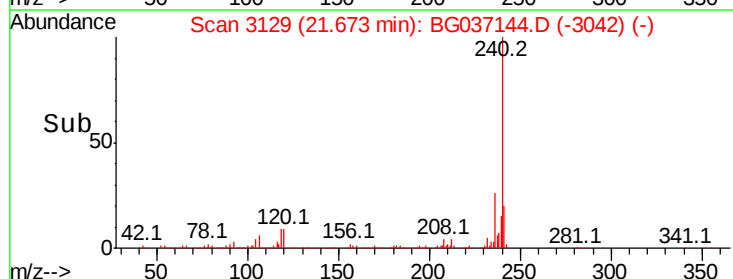
236 25.6 21.2 31.8



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: 93.963 ng

RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

Instrument :

BNA_G

ClientSampleId :

HR-06-100218-A

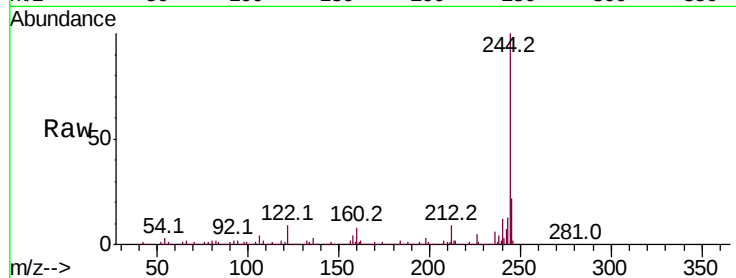
Tot Ion:244 Resp: 1079238

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

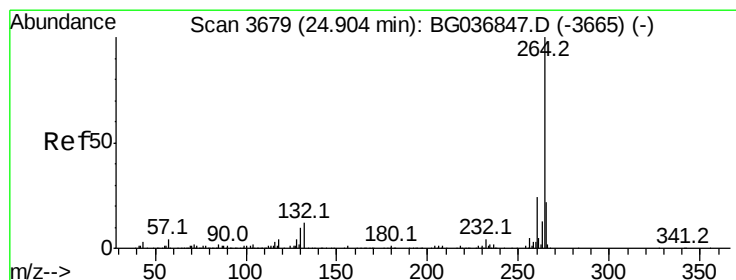
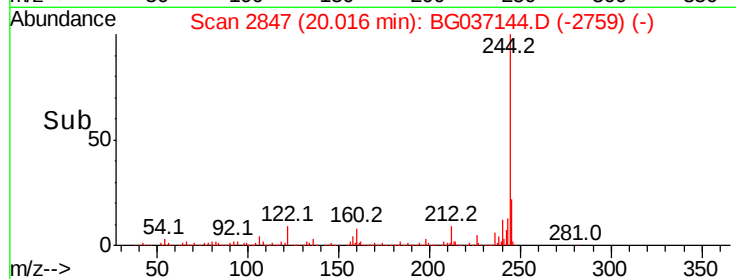
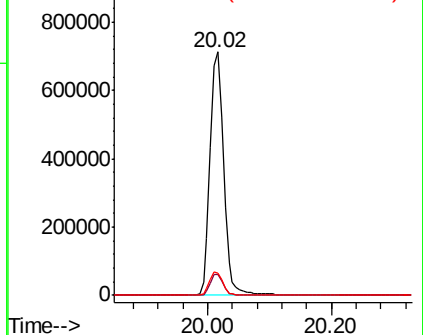
122 9.3 7.1 10.7



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# 3674

Delta R.T. -0.03 min

Lab File: BG037144.D

Acq: 4 Oct 2018 3:38

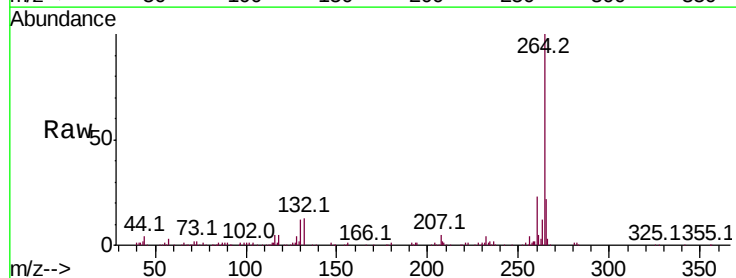
Tgt Ion:264 Resp: 295263

Ion Ratio Lower Upper

264 100

260 23.1 19.6 29.4

265 21.7 17.4 26.0



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

