

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037263.D
 Acq On : 11 Oct 2018 18:40
 Operator : JU/SJ
 Sample : PB113765BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113765BL

Quant Time: Oct 12 06:58:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	49469	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	206532	20.00	ng	0.00
39) Acenaphthene-d10	14.76	164	137064	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	365690	20.00	ng	0.00
76) Chrysene-d12	21.79	240	382699	20.00	ng	0.00
87) Perylene-d12	25.14	264	378596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	301425	107.23	ng	0.00
7) Phenol-d6	7.26	99	423167	99.18	ng	0.00
23) Nitrobenzene-d5	9.30	82	218221	69.47	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	138921	103.35	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	591345	64.79	ng	0.00
79) Terphenyl-d14	20.10	244	1117123	61.29	ng	0.00

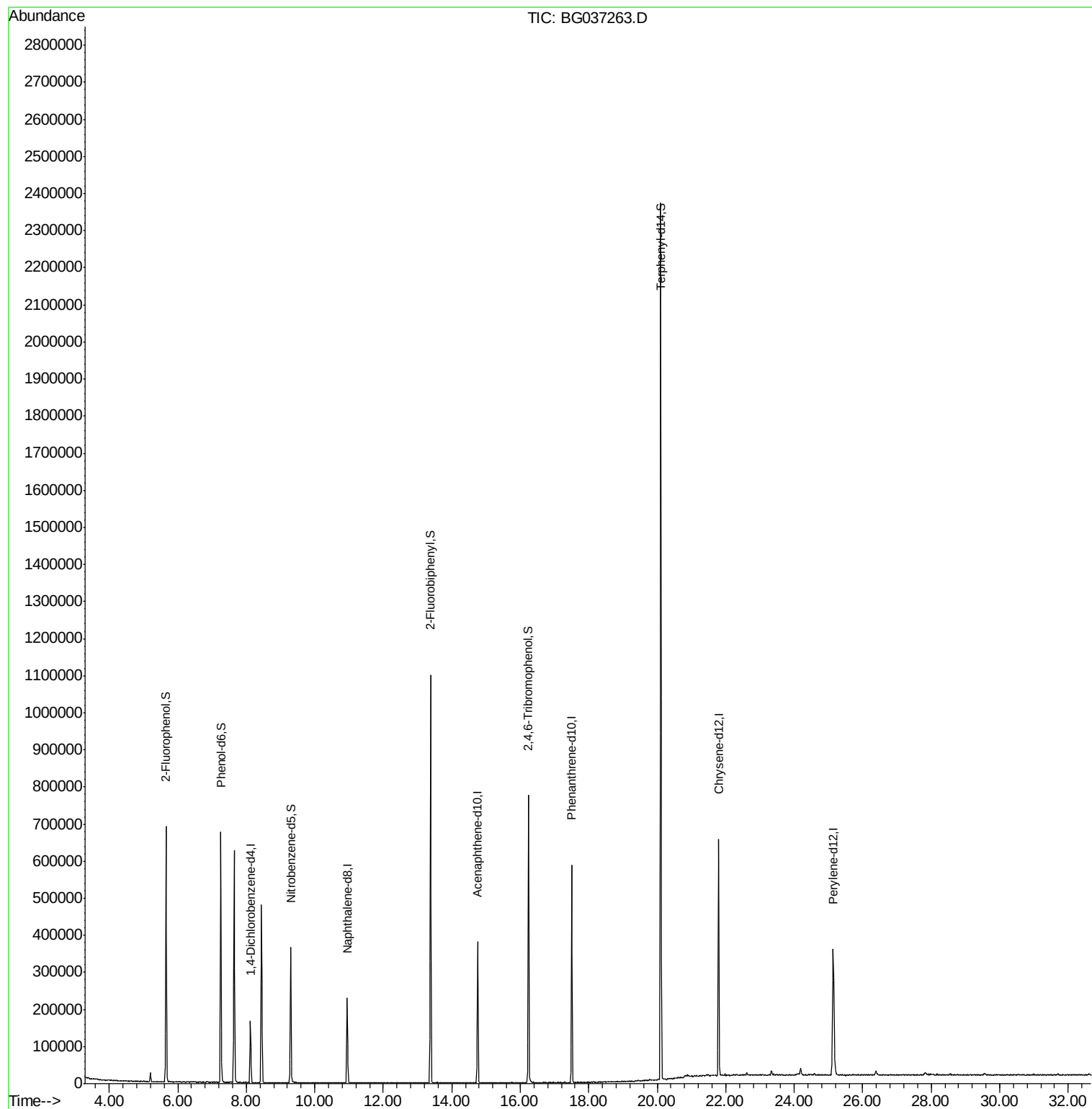
Target Compounds Qvalue

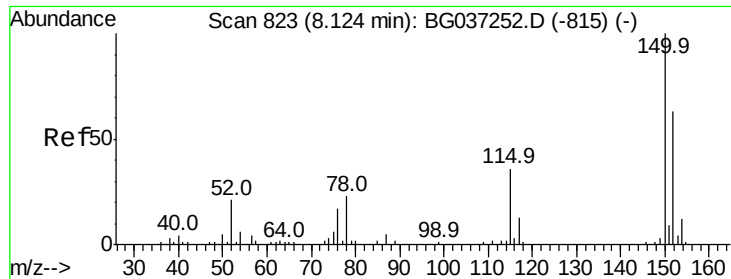
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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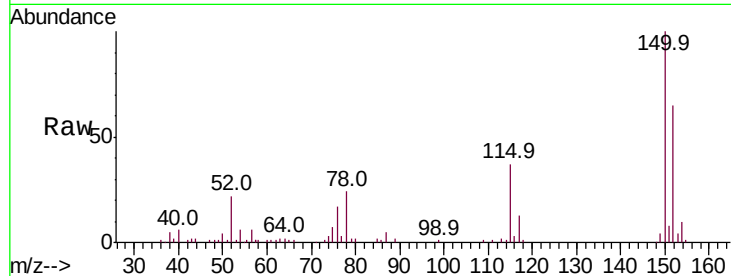


#1

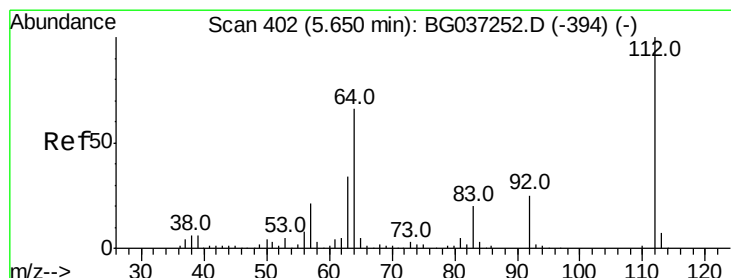
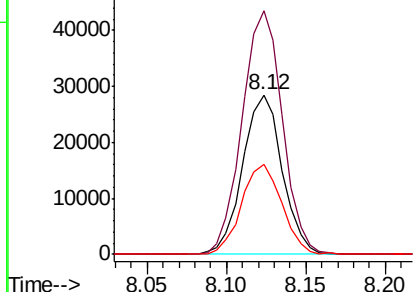
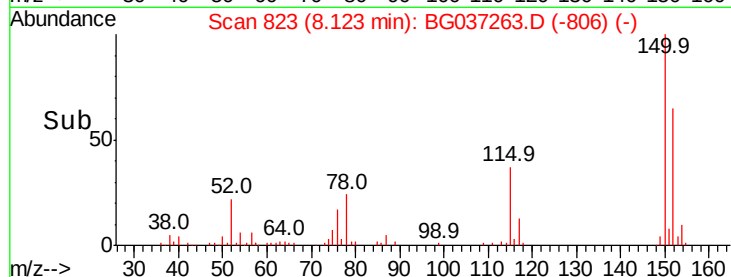
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Instrument :
BNA_G
ClientSampleId :
PB113765BL

Tot Ion:152 Resp: 49469
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 56.9 45.5 68.3



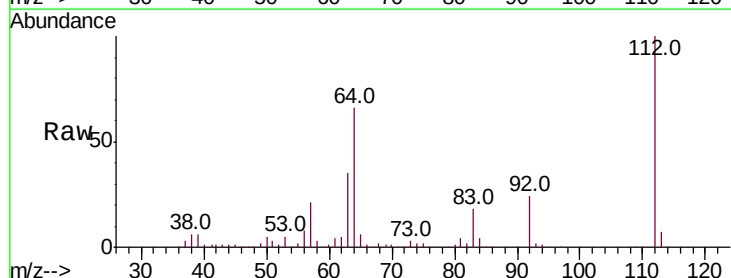
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



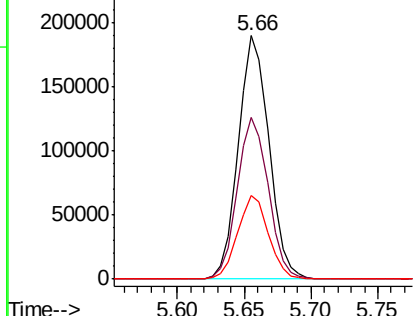
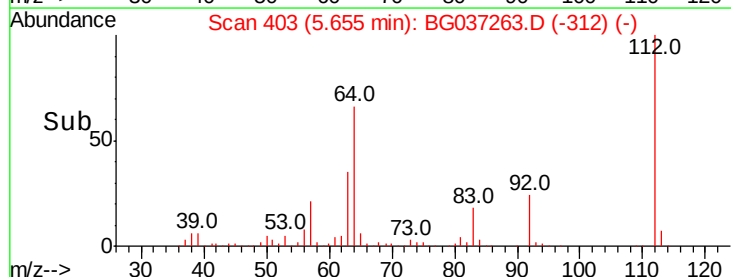
#5

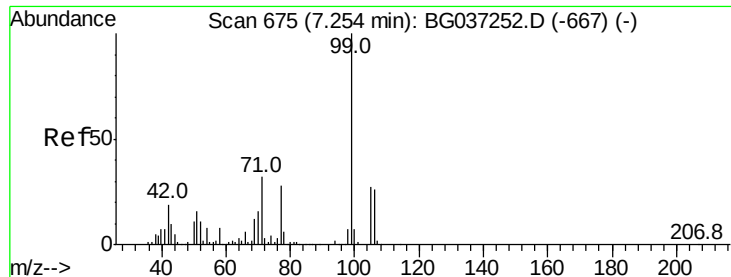
2-Fluorophenol
Concen: 107.235 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037263.D
Acq: 11 Oct 2018 18:40

Tgt Ion:112 Resp: 301425
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 34.5 27.3 40.9



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: 99.184 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

PB113765BL

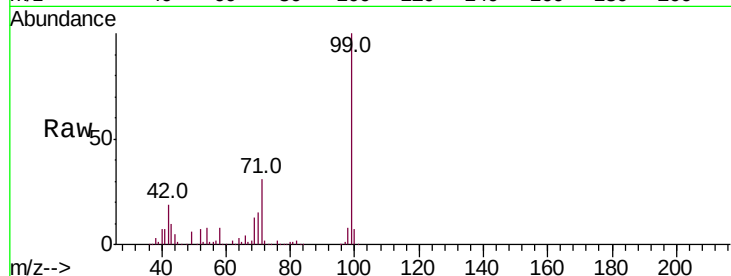
Tot Ion: 99 Resp: 423167

Ion Ratio Lower Upper

99 100

42 18.5 15.0 22.4

71 30.8 25.5 38.3



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

300000

250000

200000

150000

100000

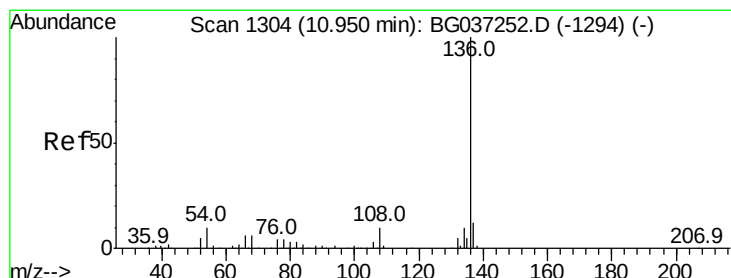
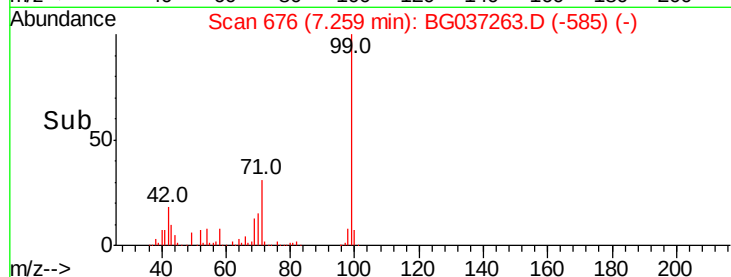
50000

0

7.26

7.20 7.30 7.40

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Tgt Ion: 136 Resp: 206532

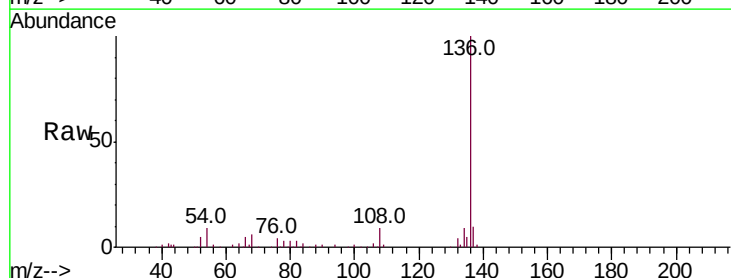
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 9.4 7.9 11.9

68 5.7 4.8 7.2



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

150000

100000

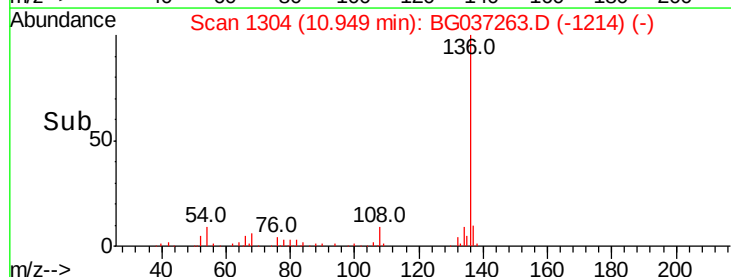
50000

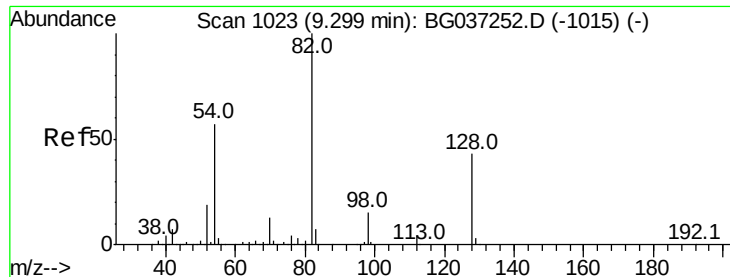
0

10.95

10.90 11.00

Time-->

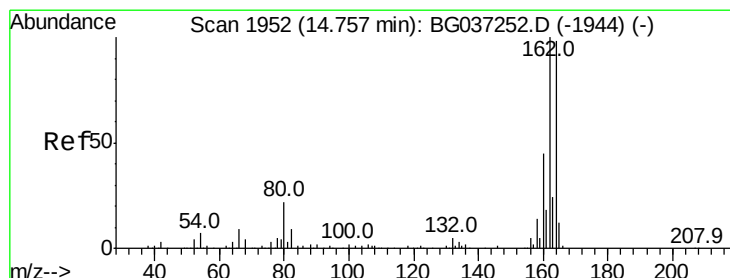
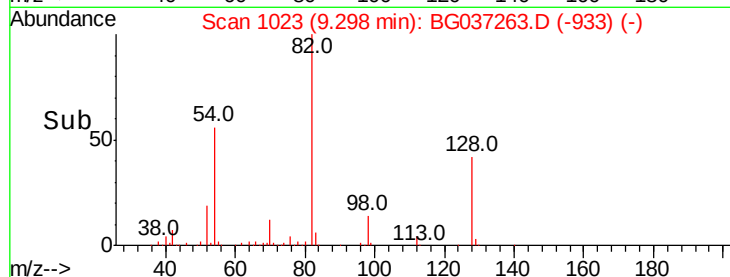
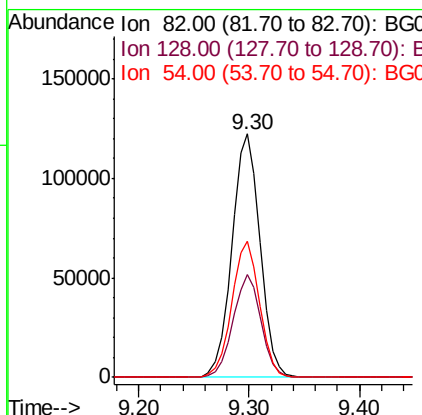
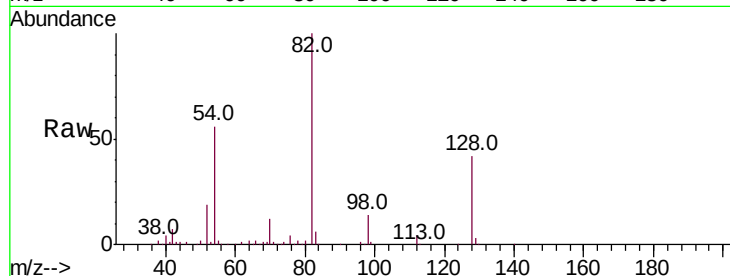




#23
 Nitrobenzene-d5
 Concen: 69.466 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BG037263.D
 Acq: 11 Oct 2018 18:40

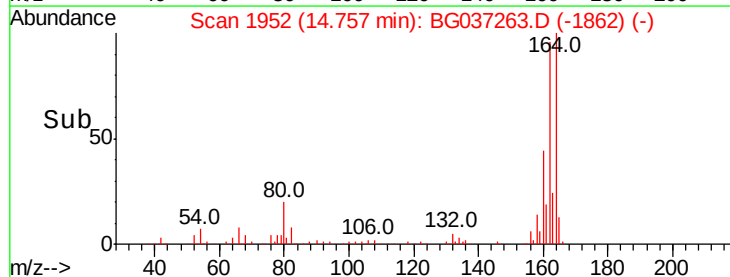
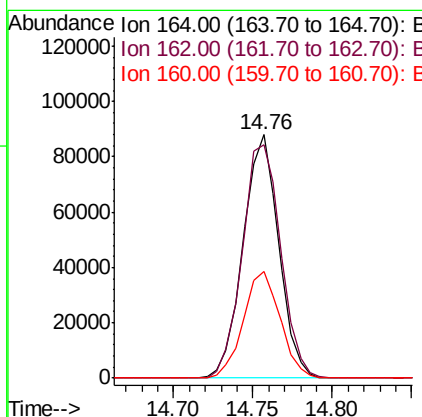
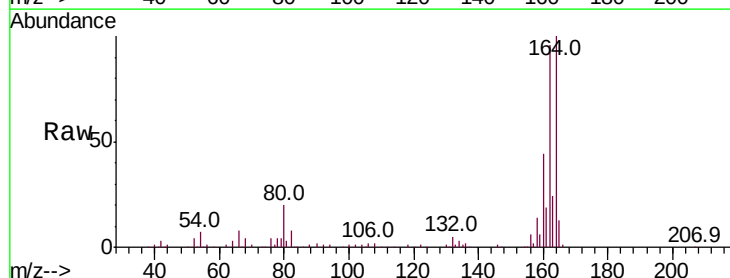
Instrument :
 BNA_G
 ClientSampleId :
 PB113765BL

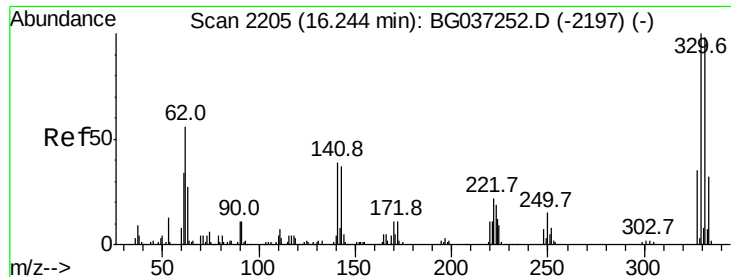
Tot Ion	82	Resp	218221
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.6	51.8
54	55.9	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: BG037263.D
 Acq: 11 Oct 2018 18:40

Tgt Ion	164	Resp	137064
Ion Ratio	Lower	Upper	
164	100		
162	95.9	81.3	121.9
160	43.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 103.347 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

PB113765BL

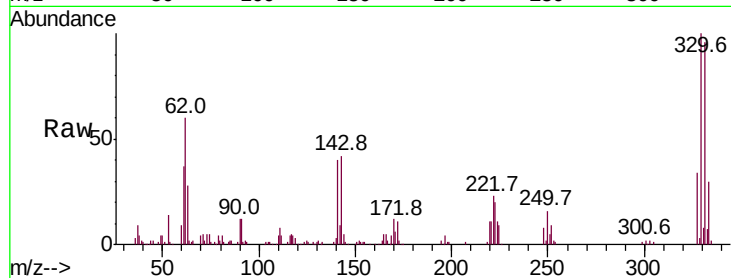
Tot Ion:330 Resp: 138921

Ion Ratio Lower Upper

330 100

332 96.1 78.4 117.6

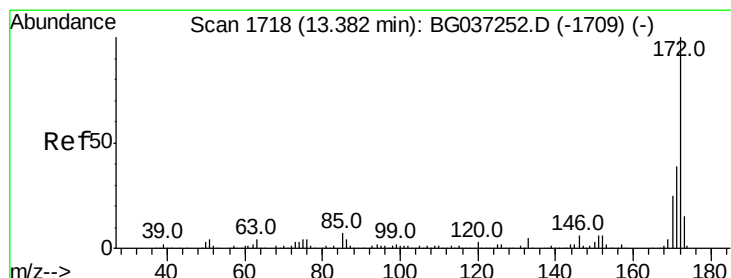
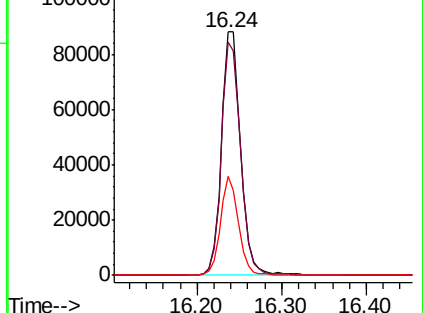
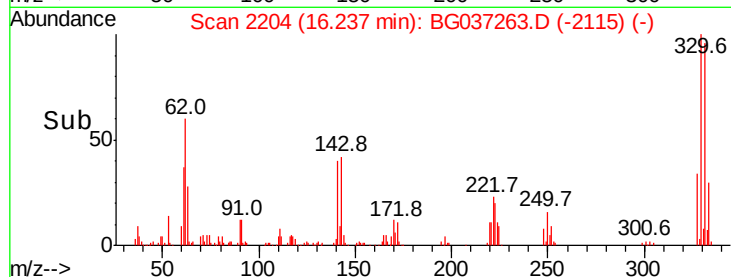
141 37.8 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 64.792 ng

RT: 13.38 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

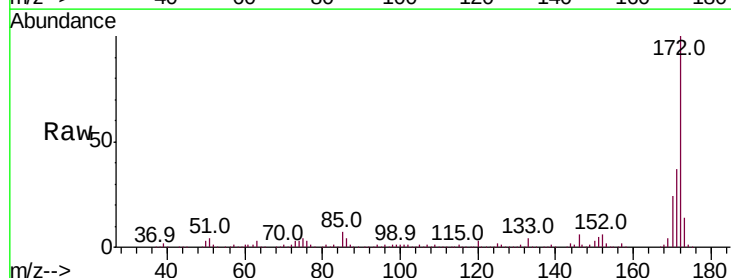
Tgt Ion:172 Resp: 591345

Ion Ratio Lower Upper

172 100

171 36.8 31.0 46.4

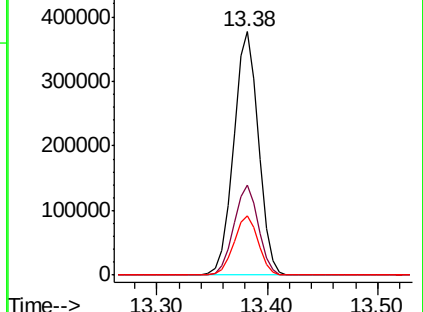
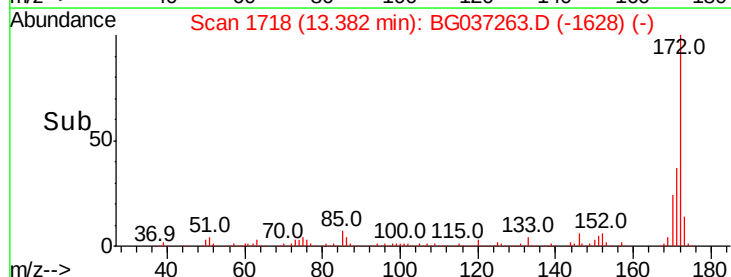
170 24.5 20.2 30.2

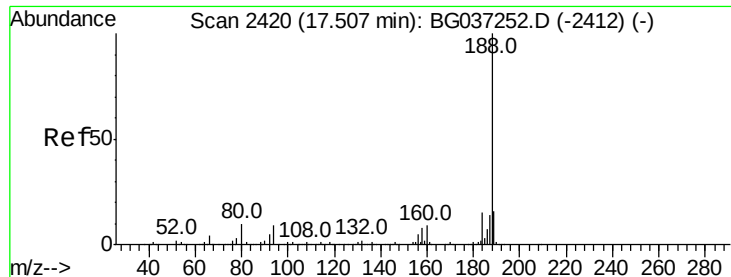


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

PB113765BL

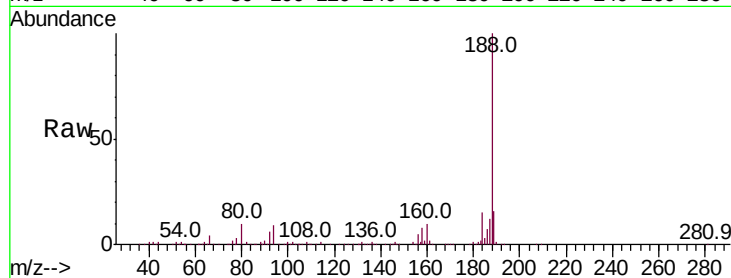
Tot Ion:188 Resp: 365690

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

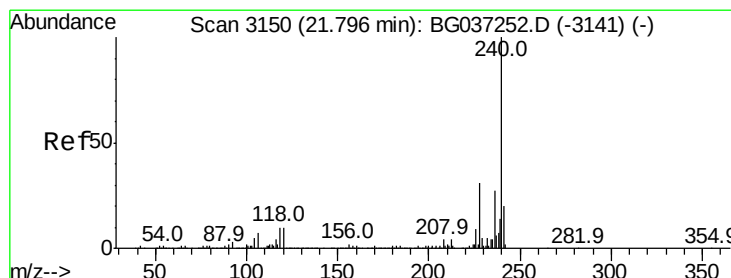
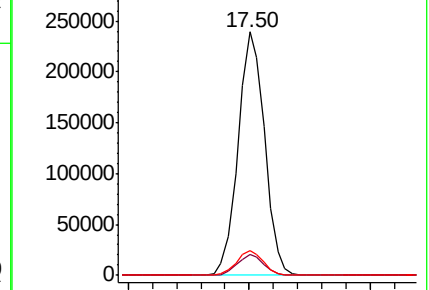
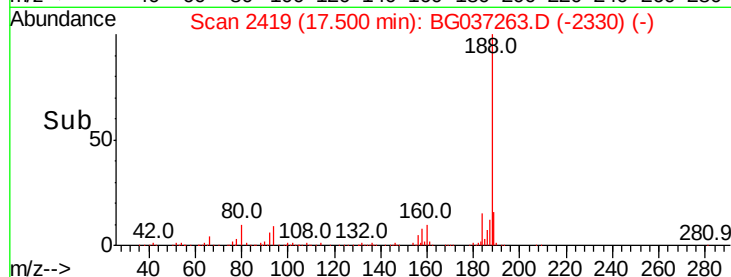
80 10.2 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

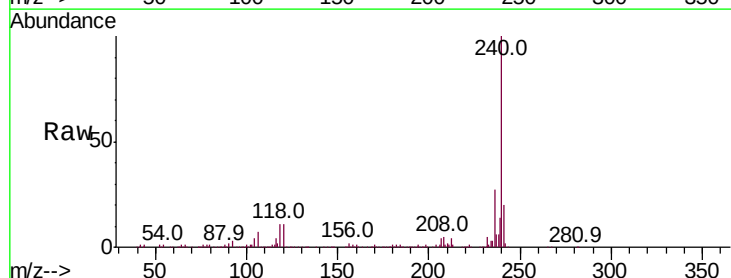
Tgt Ion:240 Resp: 382699

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

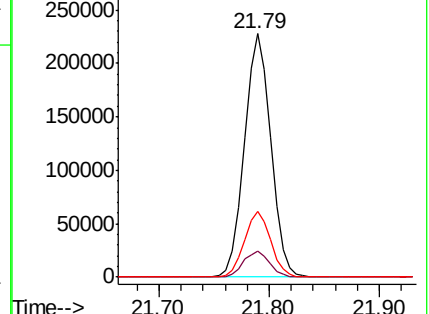
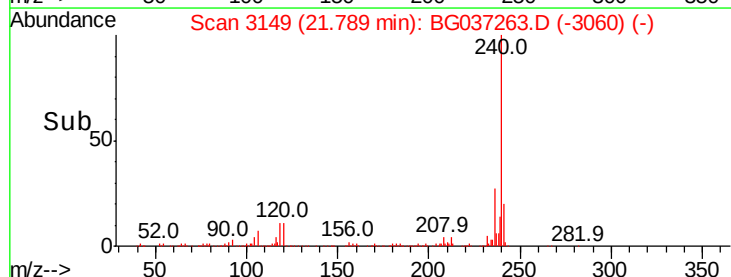
236 26.8 21.4 32.0

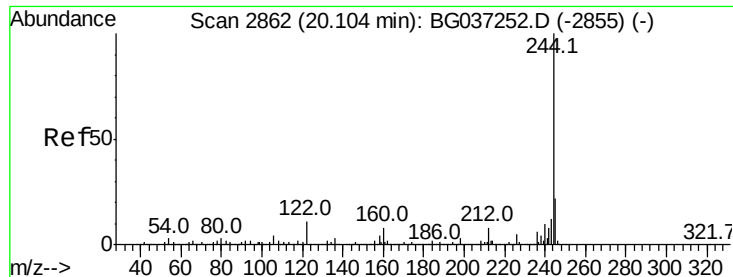


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 61.293 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

Instrument :

BNA_G

ClientSampleId :

PB113765BL

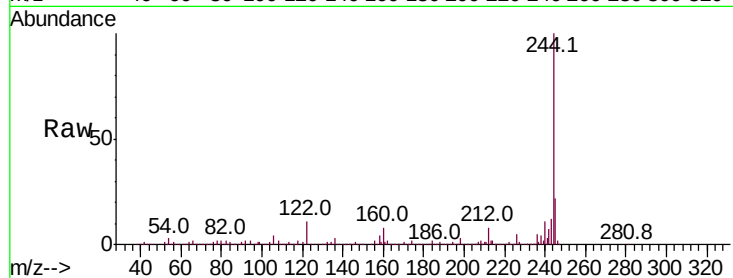
Tot Ion:244 Resp: 1117123

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

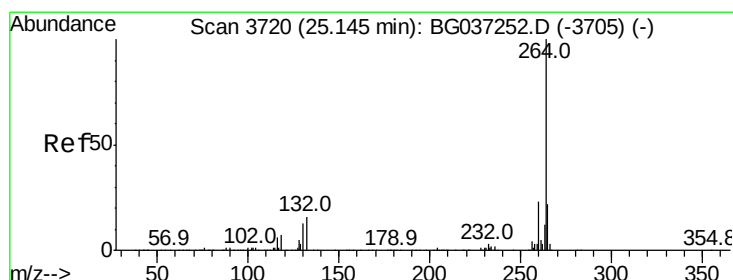
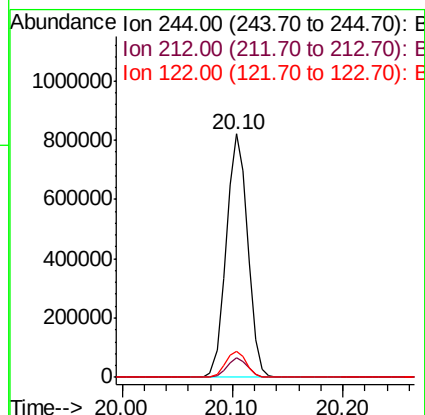
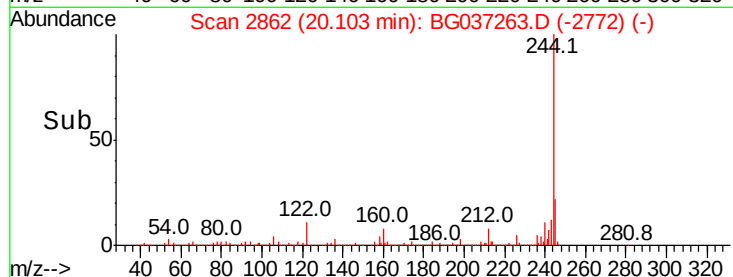
122 10.8 9.0 13.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.14 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG037263.D

Acq: 11 Oct 2018 18:40

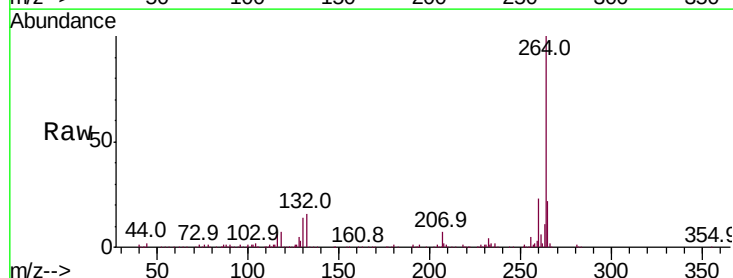
Tgt Ion:264 Resp: 378596

Ion Ratio Lower Upper

264 100

260 22.5 18.2 27.4

265 22.0 17.9 26.9



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

