

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101118\
 Data File : BG037261.D
 Acq On : 11 Oct 2018 17:22
 Operator : JU/SJ
 Sample : PB113493BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Quant Time: Oct 11 18:46:31 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	48345	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	202761	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	130411	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	347947	20.00	ng	0.00
76) Chrysene-d12	21.79	240	371603	20.00	ng	0.00
87) Perylene-d12	25.15	264	367974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	337564	122.88	ng	0.00
7) Phenol-d6	7.26	99	470785	112.91	ng	0.00
23) Nitrobenzene-d5	9.30	82	240684	78.04	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	153820	120.27	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	648702	74.70	ng	0.00
79) Terphenyl-d14	20.11	244	1241612	70.16	ng	0.00

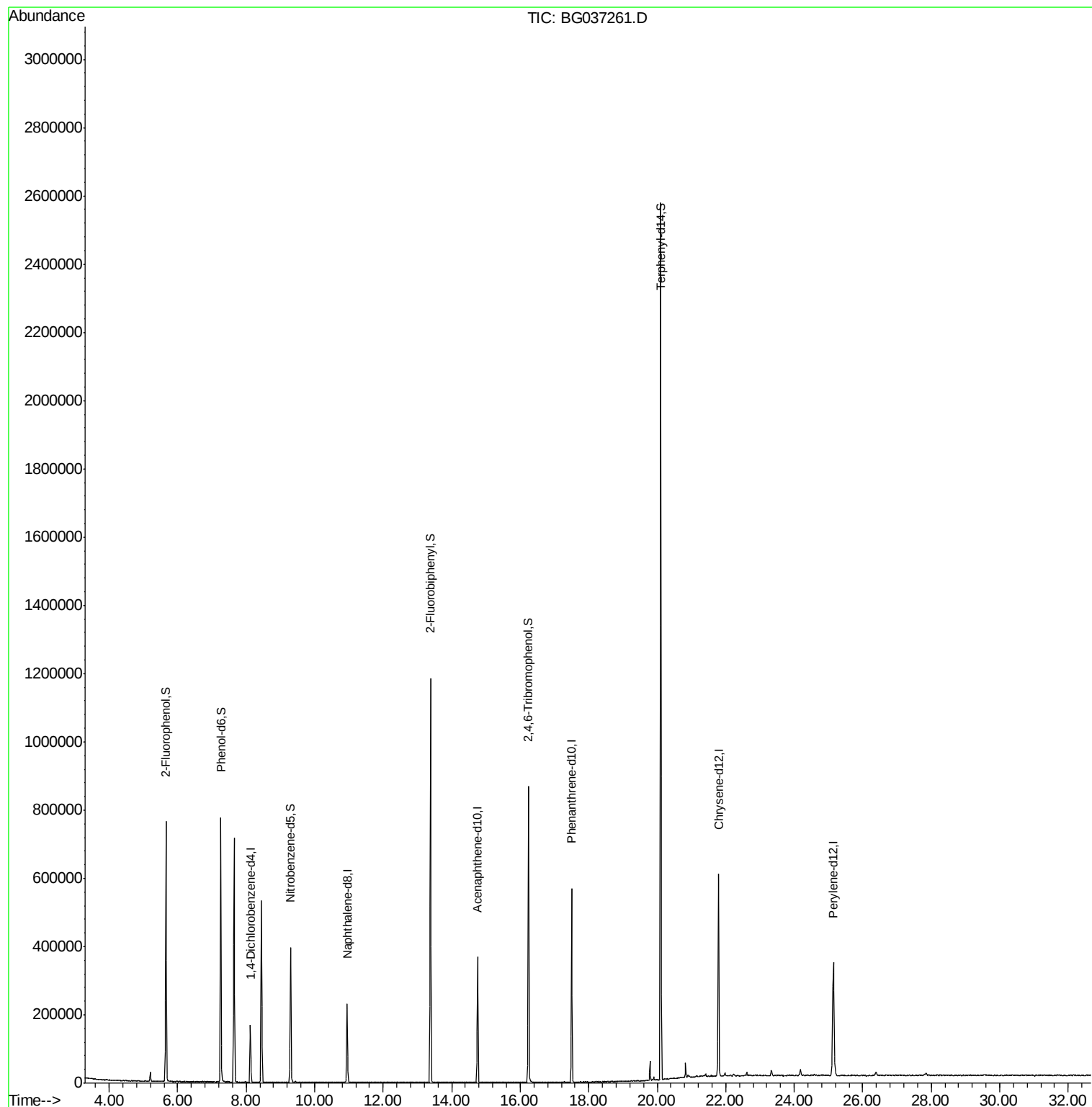
Target Compounds Qvalue

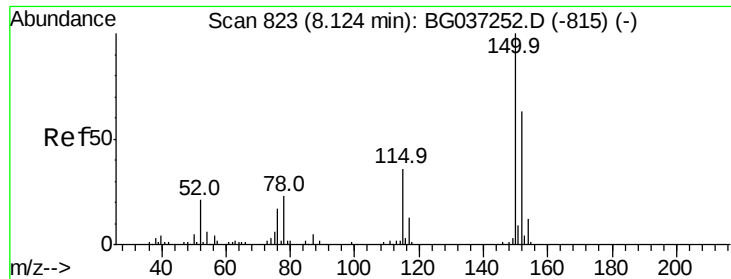
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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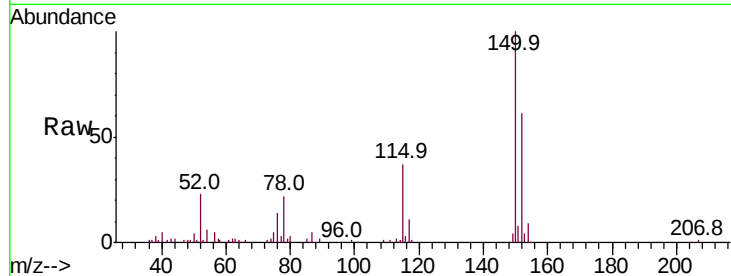


#1

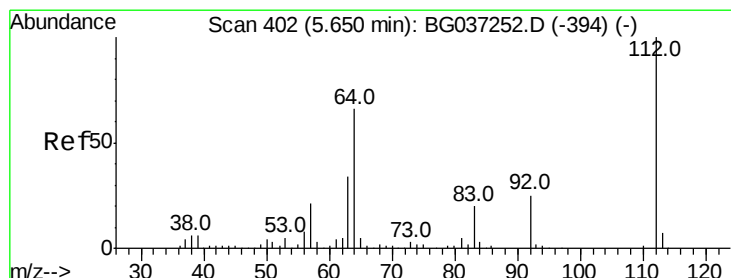
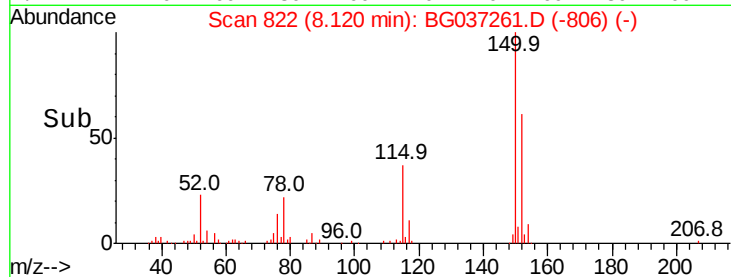
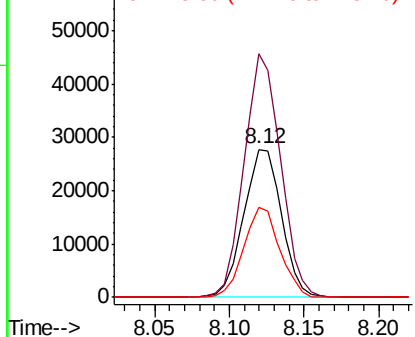
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Instrument :
BNA_G
ClientSampleId :
PB113493BL

Tot Ion:152 Resp: 48345
Ion Ratio Lower Upper
152 100
150 164.6 126.0 189.0
115 60.9 45.5 68.3



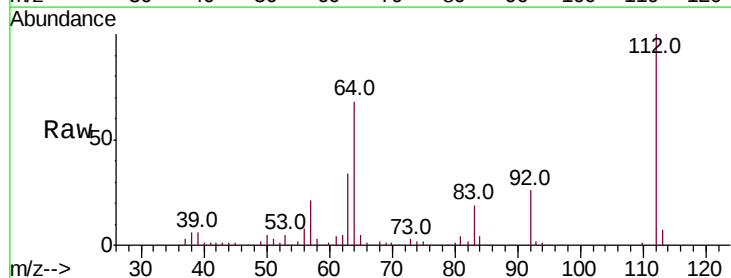
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



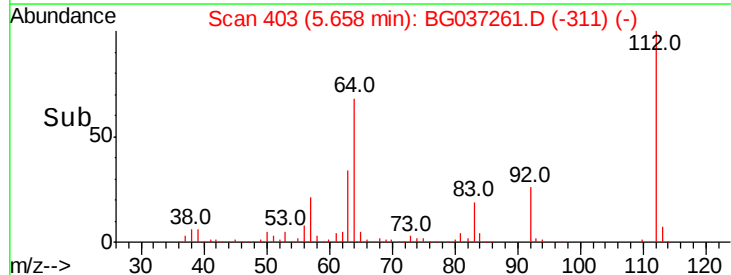
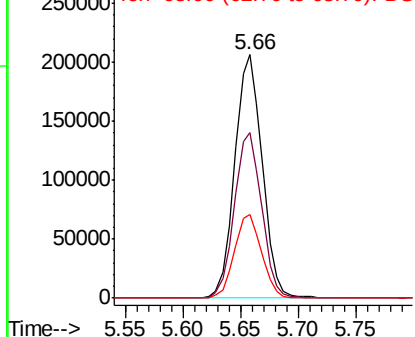
#5

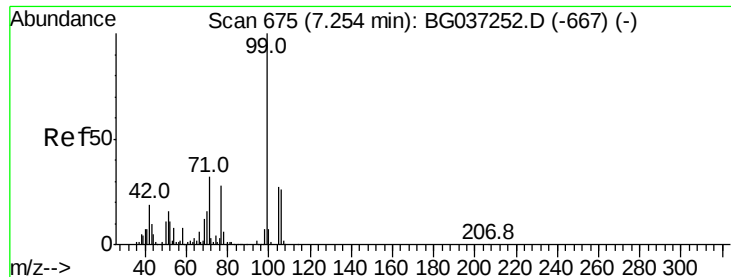
2-Fluorophenol
Concen: 122.884 ng
RT: 5.66 min Scan# 403
Delta R.T. 0.01 min
Lab File: BG037261.D
Acq: 11 Oct 2018 17:22

Tgt Ion:112 Resp: 337564
Ion Ratio Lower Upper
112 100
64 68.1 53.1 79.7
63 34.4 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: 112.911 ng

RT: 7.26 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampleId :

PB113493BL

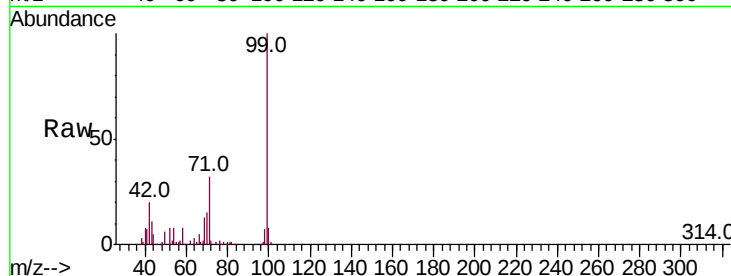
Tot Ion: 99 Resp: 470785

Ion Ratio Lower Upper

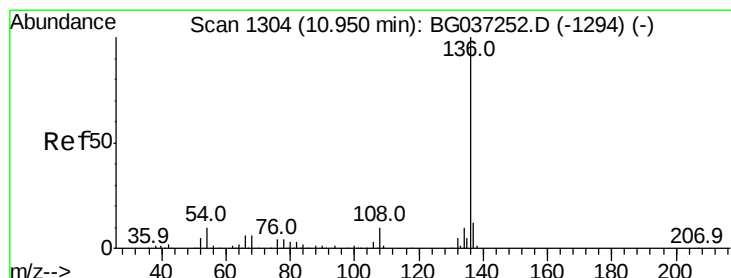
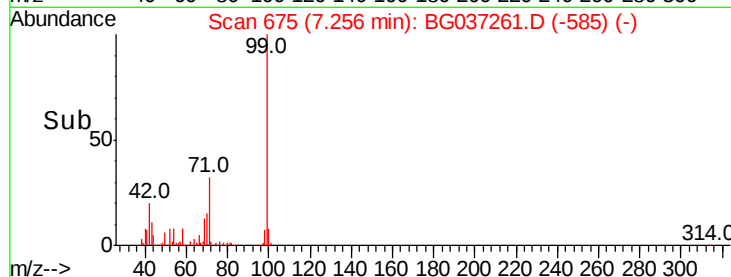
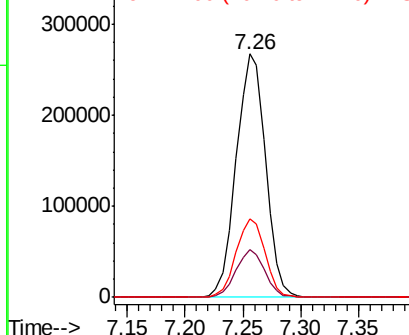
99 100

42 19.6 15.0 22.4

71 32.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Tgt Ion: 136 Resp: 202761

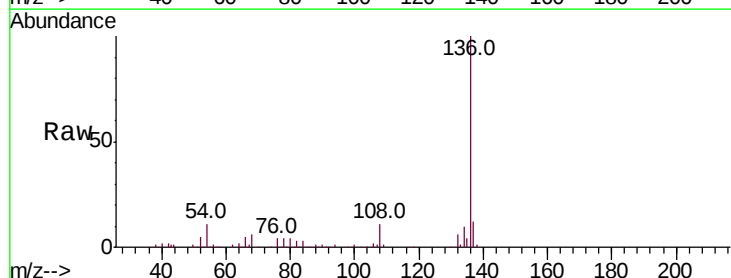
Ion Ratio Lower Upper

136 100

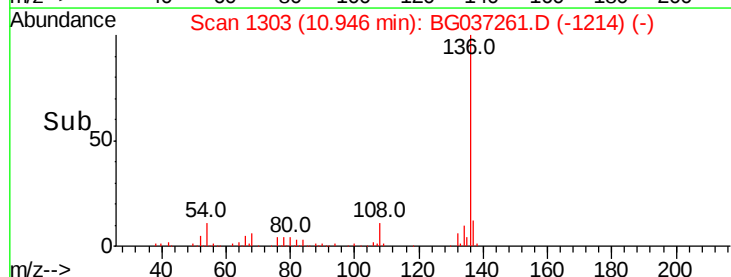
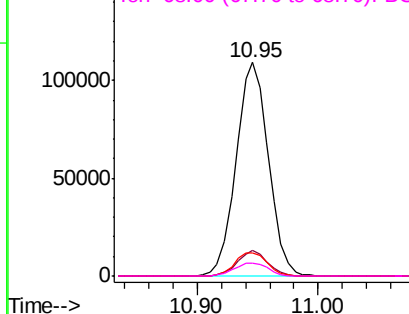
137 11.7 9.6 14.4

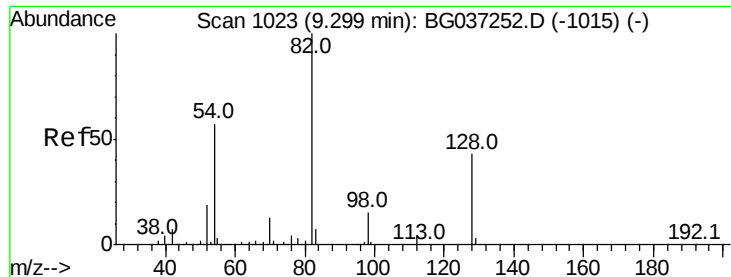
54 10.5 7.9 11.9

68 6.1 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

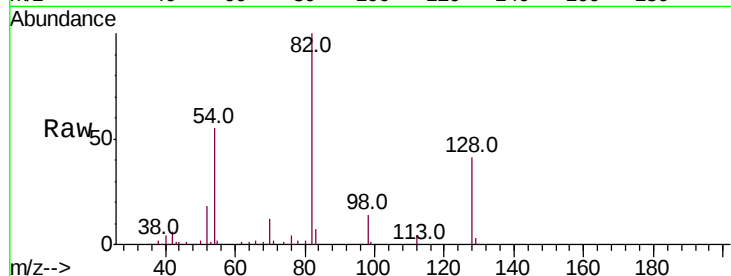




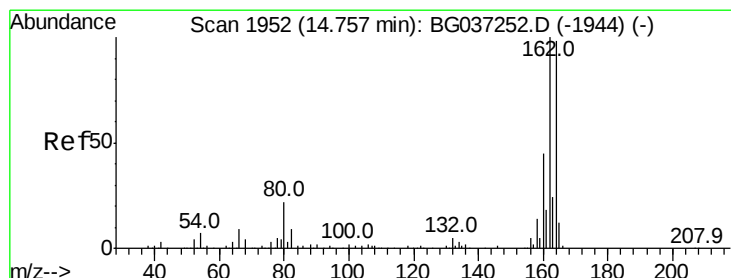
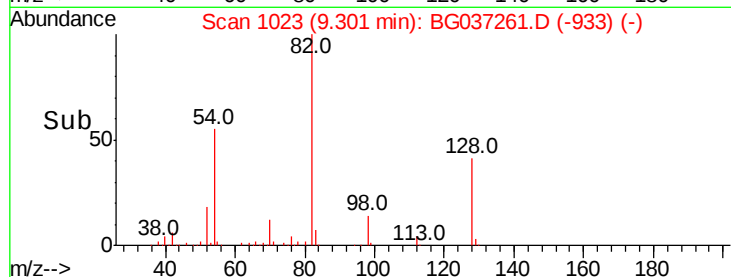
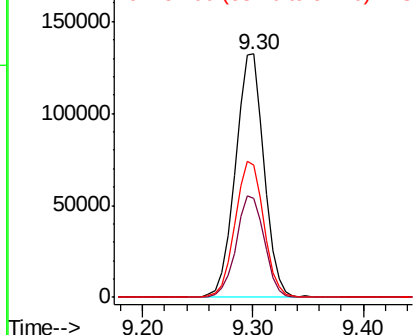
#23
 Nitrobenzene-d5
 Concen: 78.041 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Tot Ion	82	Resp	240684
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	54.5	45.3	67.9

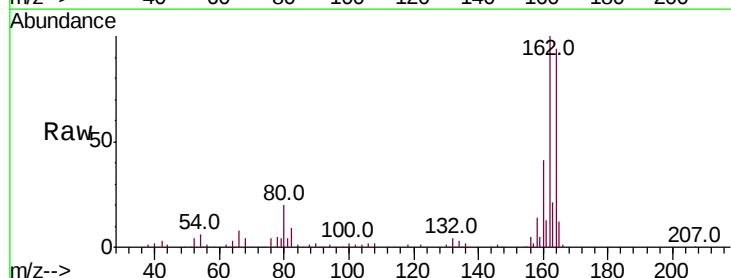


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

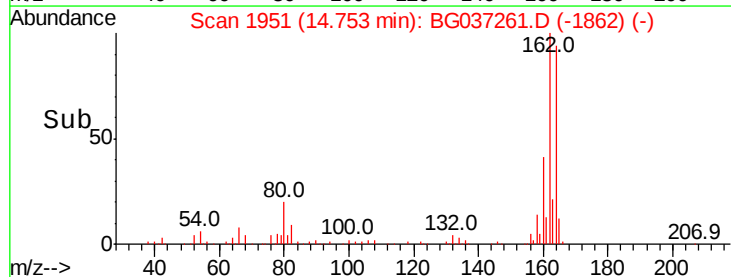
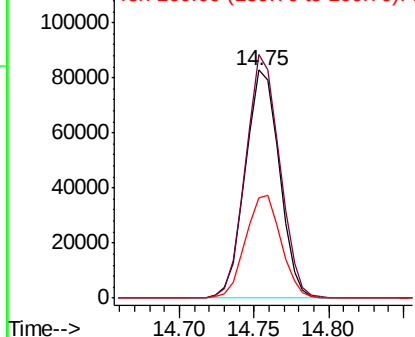


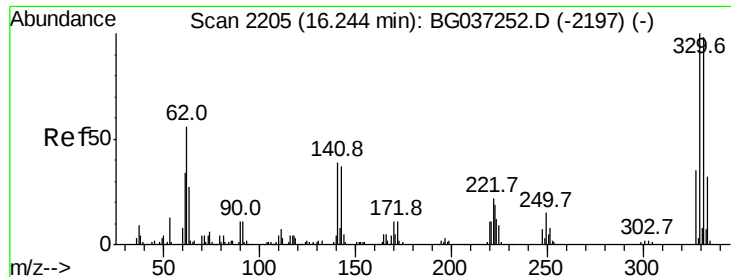
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Tgt Ion	164	Resp	130411
Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.3	121.9
160	43.8	36.3	54.5



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





#42

2,4,6-Tribromophenol

Concen: 120.269 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampleId :

PB113493BL

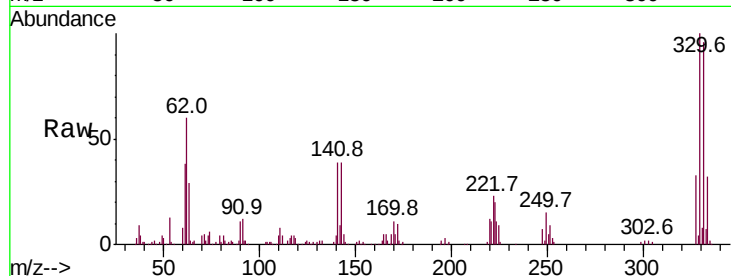
Tot Ion:330 Resp: 153820

Ion Ratio Lower Upper

330 100

332 95.3 78.4 117.6

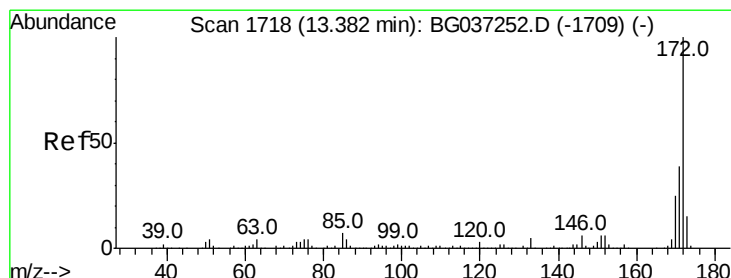
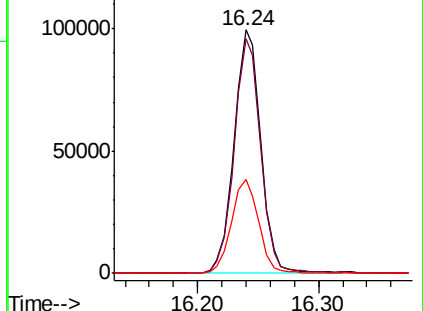
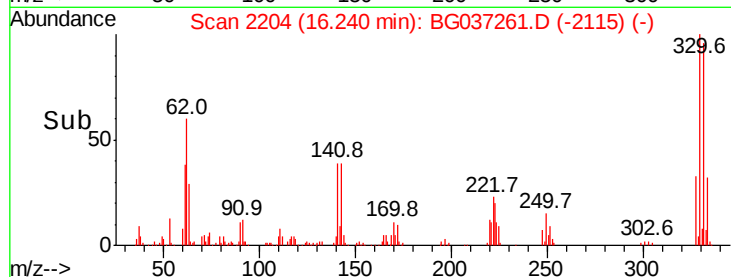
141 38.8 32.2 48.2



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: 74.702 ng

RT: 13.38 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

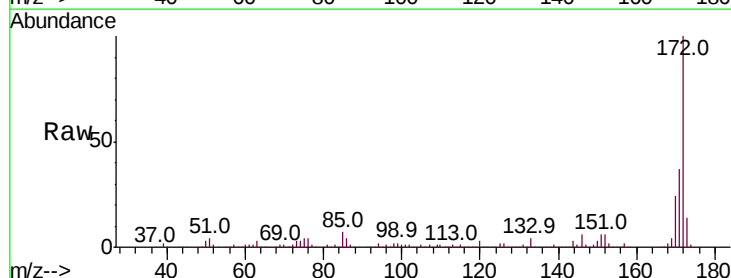
Tgt Ion:172 Resp: 648702

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

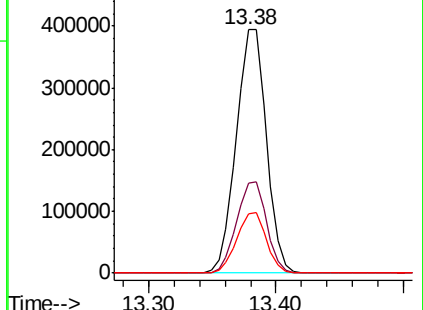
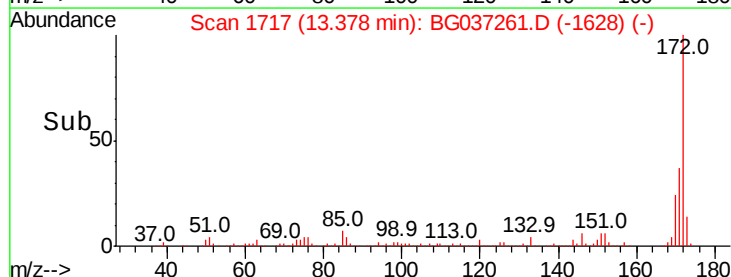
170 24.4 20.2 30.2

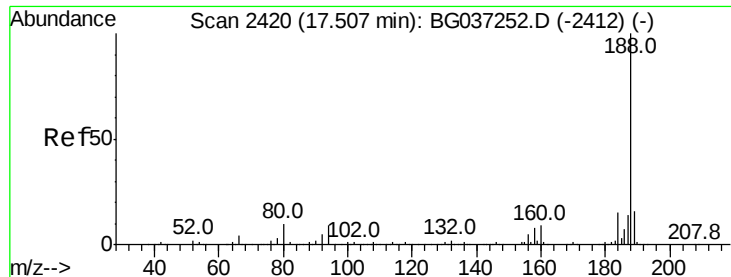


Abundance Ion 172.00 (171.70 to 172.70): E

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. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

Instrument :

BNA_G

ClientSampleId :

PB113493BL

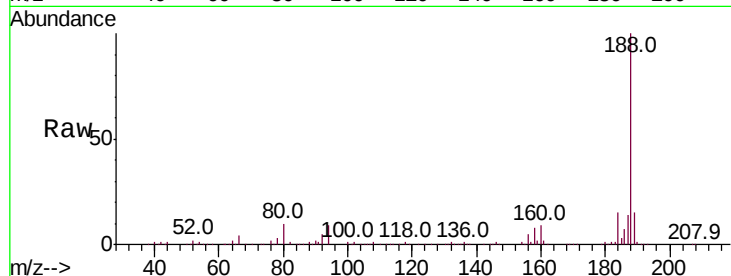
Tot Ion:188 Resp: 347947

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

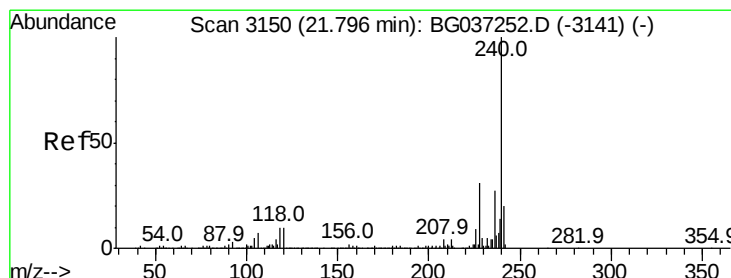
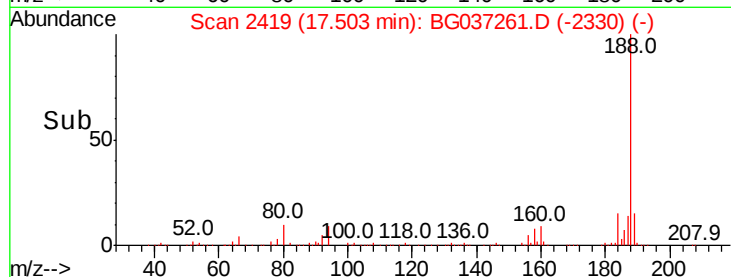
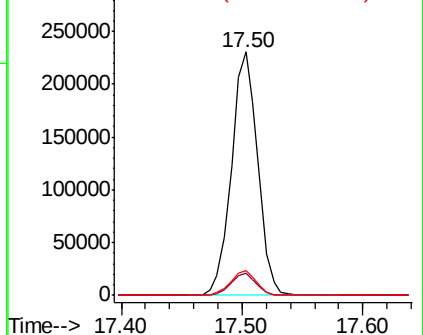
80 10.0 7.7 11.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG037261.D

Acq: 11 Oct 2018 17:22

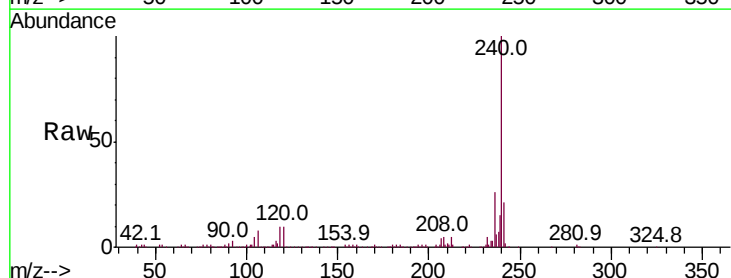
Tgt Ion:240 Resp: 371603

Ion Ratio Lower Upper

240 100

120 10.5 8.1 12.1

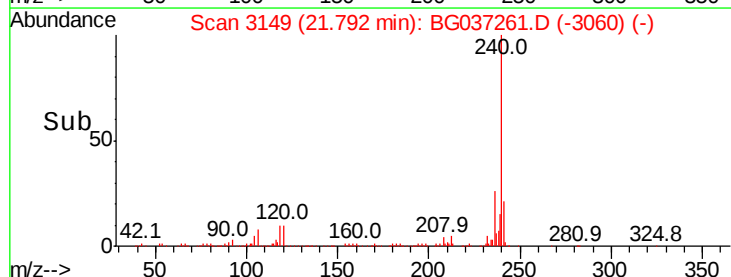
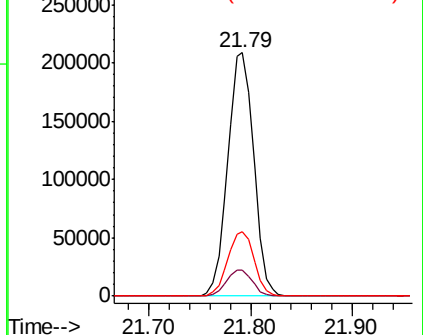
236 26.5 21.4 32.0

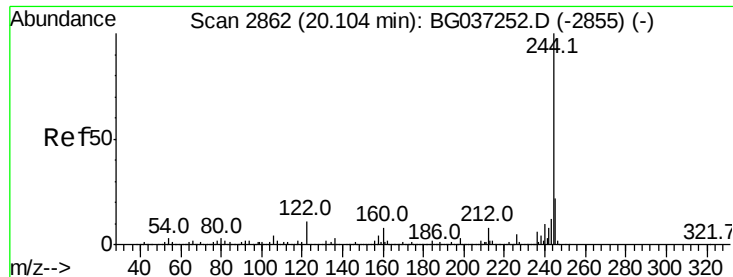


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



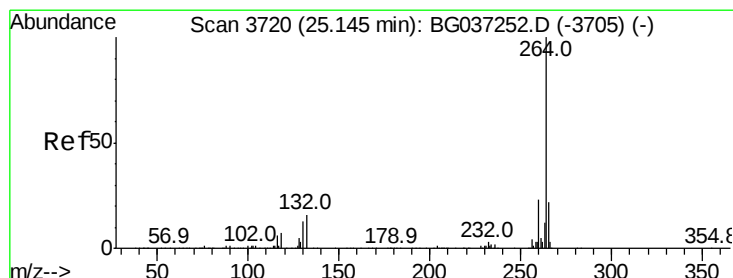
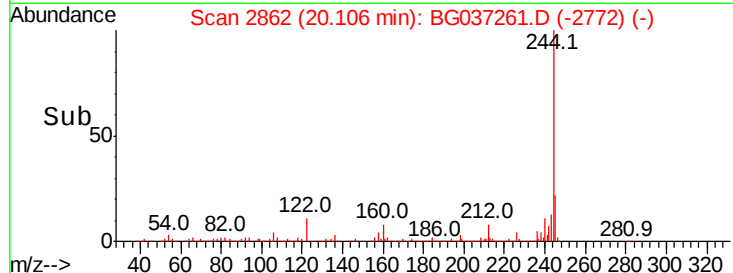
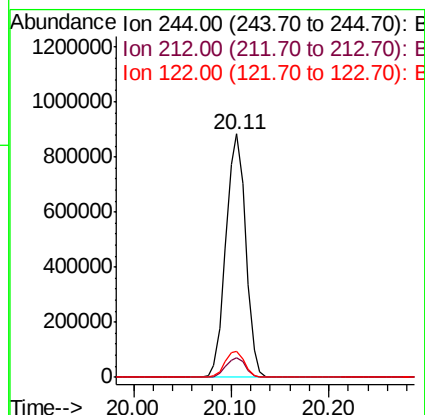
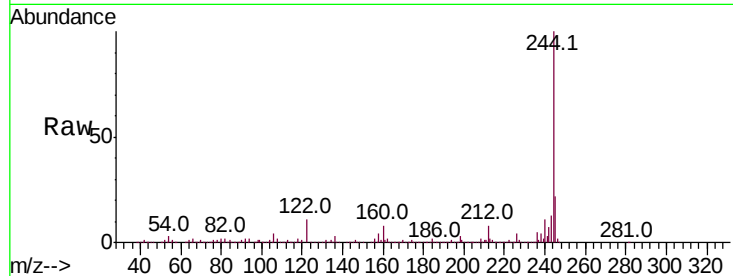


#79
 Terphenyl-d14
 Concen: 70.158 ng
 RT: 20.11 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Instrument :
 BNA_G
 ClientSampleId :
 PB113493BL

Tot Ion:244 Resp: 1241612

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.8	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.15 min Scan# 3720
 Delta R.T. 0.00 min
 Lab File: BG037261.D
 Acq: 11 Oct 2018 17:22

Tgt Ion:264 Resp: 367974

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	21.3	17.9	26.9

