

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103018\
 Data File : BG037661.D
 Acq On : 30 Oct 2018 19:55
 Operator : JU/SJ
 Sample : PB114322BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Quant Time: Oct 31 09:07:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	59253	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	259435	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	182109	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	437175	20.00	ng	0.00
76) Chrysene-d12	21.77	240	398904	20.00	ng	0.00
87) Perylene-d12	25.10	264	382906	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	402821	113.66	ng	0.00
7) Phenol-d6	7.25	99	582253	108.65	ng	0.00
23) Nitrobenzene-d5	9.28	82	333101	71.93	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	213103	107.29	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	838822	69.46	ng	0.00
79) Terphenyl-d14	20.08	244	1287410	68.96	ng	0.00

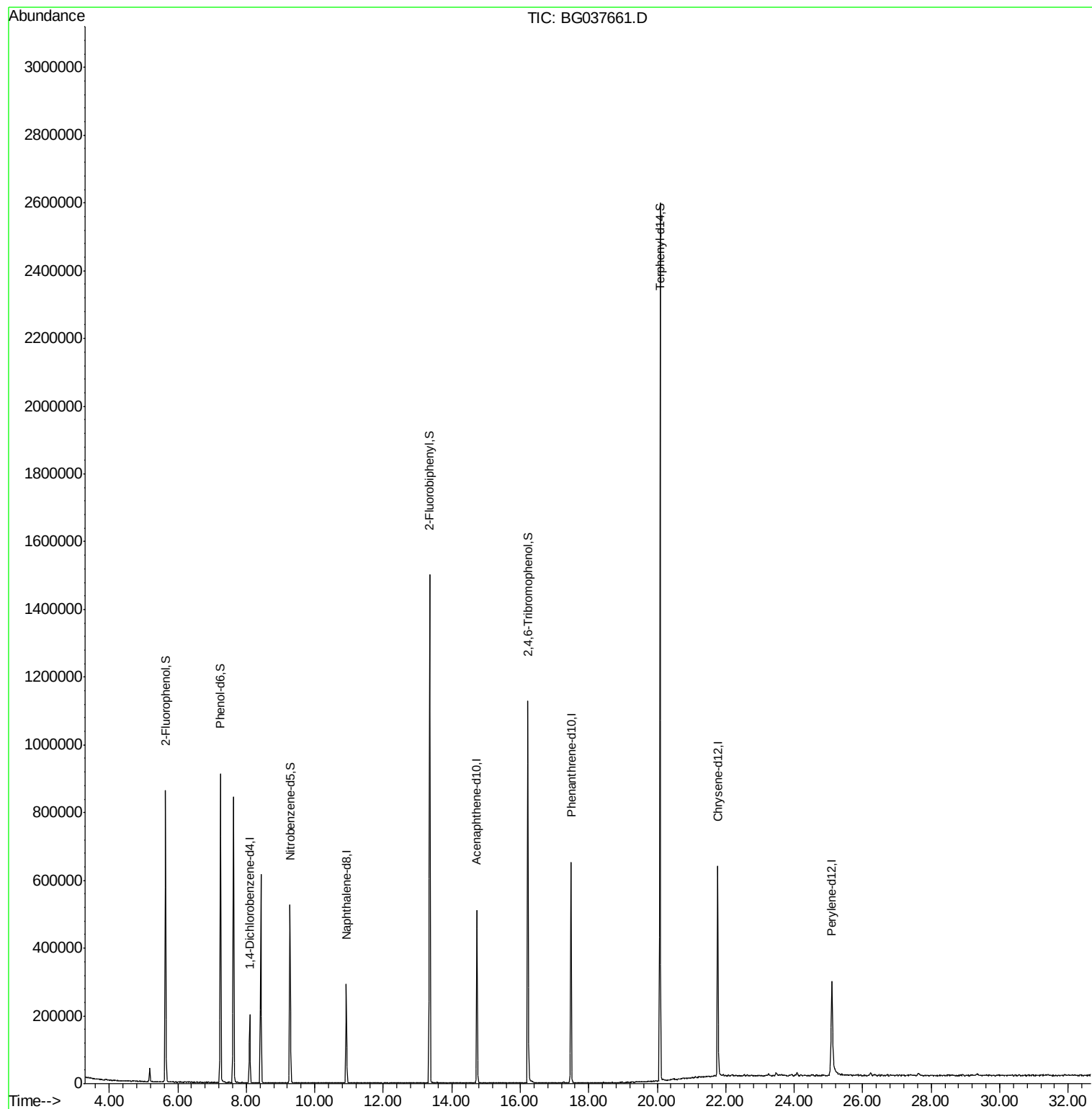
Target Compounds Qvalue

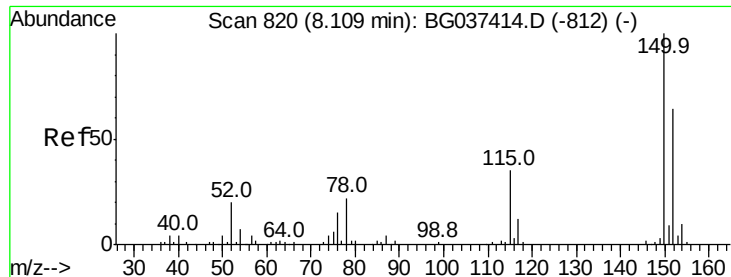
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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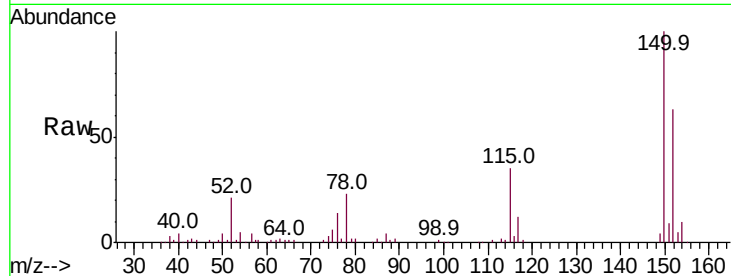


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.0	189.0
115	56.0	45.5	68.3

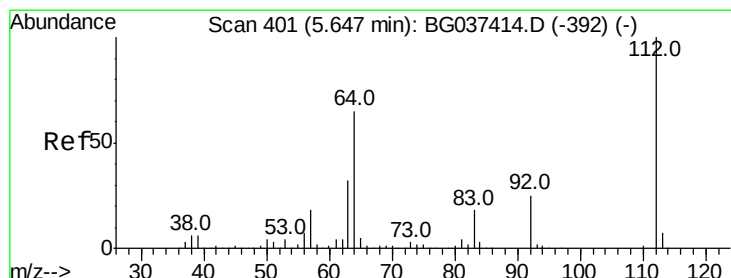
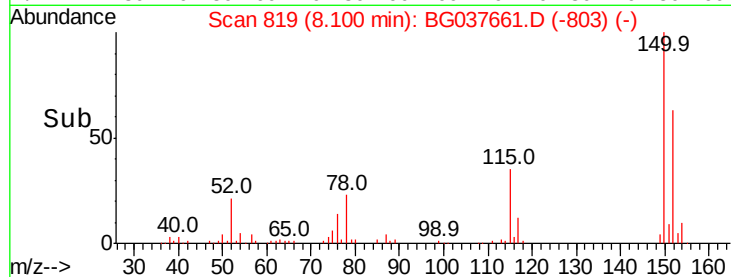
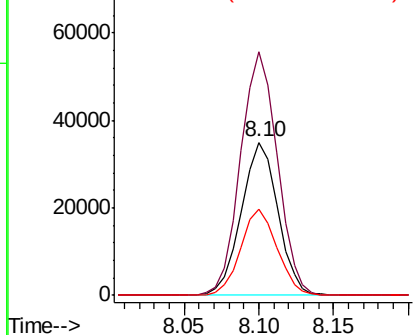


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

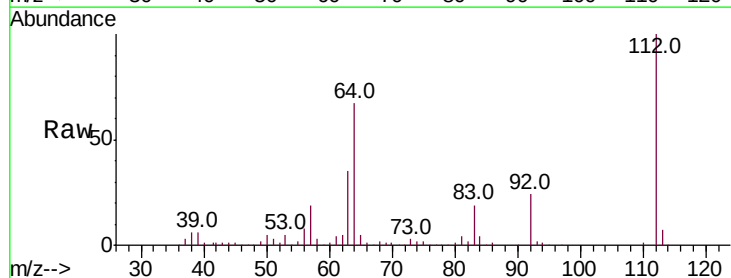
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.658 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.1	79.7
63	34.6	27.3	40.9

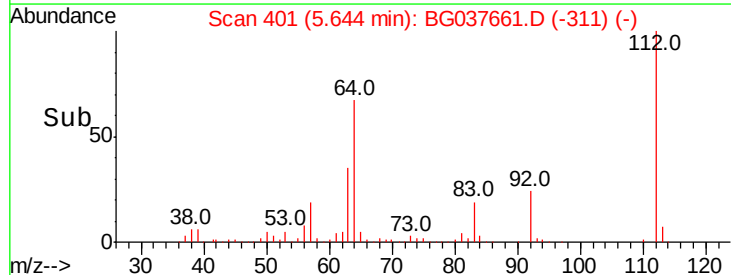
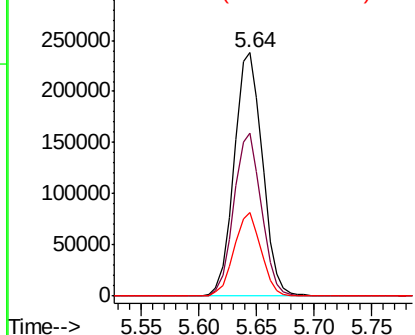


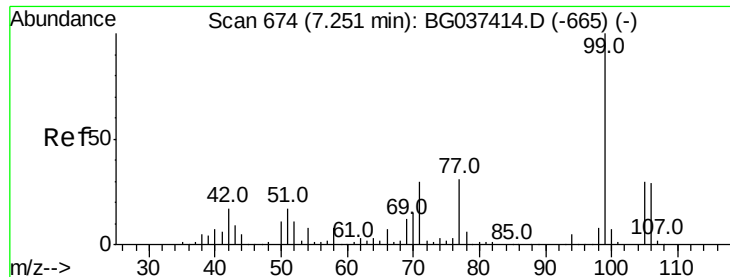
Abundance

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: 108.646 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

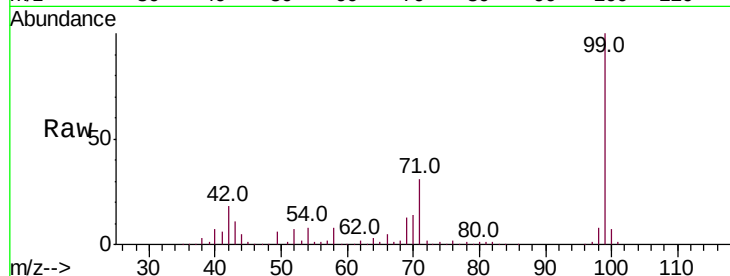
Tot Ion: 99 Resp: 582253

Ion Ratio Lower Upper

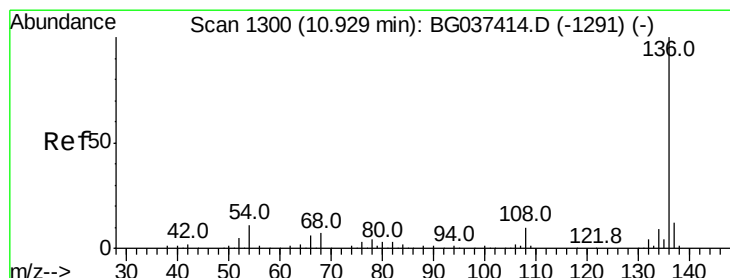
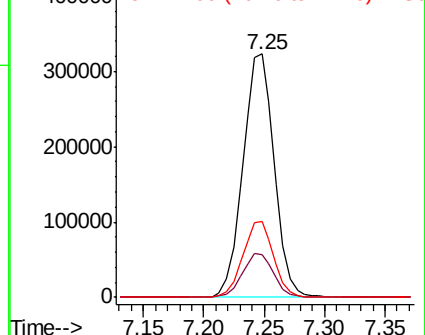
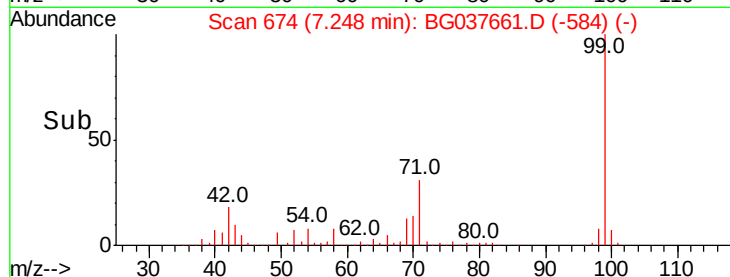
99 100

42 17.7 15.0 22.4

71 31.2 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: 10.92 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Tgt Ion: 136 Resp: 259435

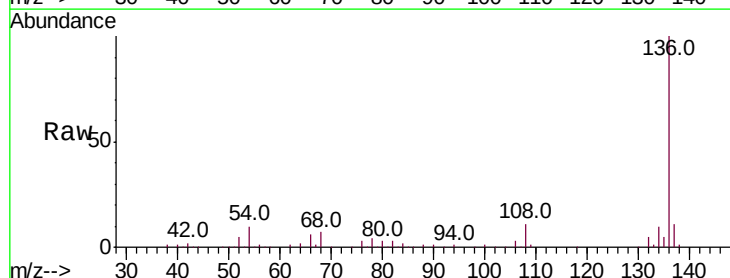
Ion Ratio Lower Upper

136 100

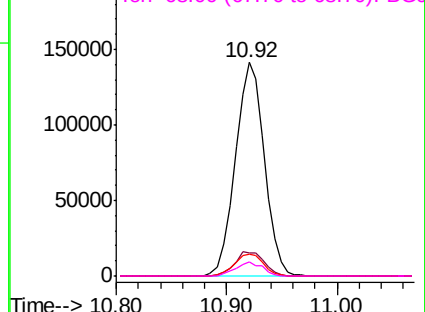
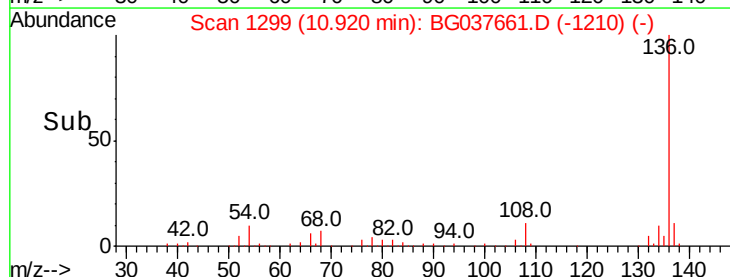
137 10.8 9.6 14.4

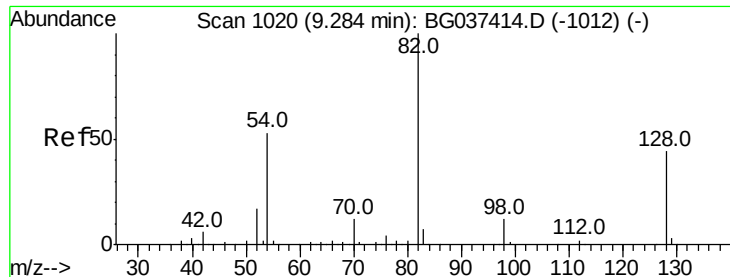
54 10.1 7.9 11.9

68 6.7 4.8 7.2



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

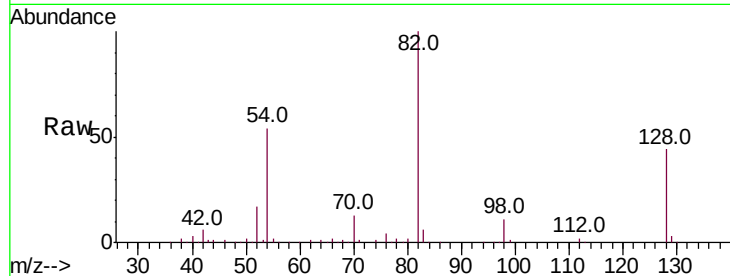




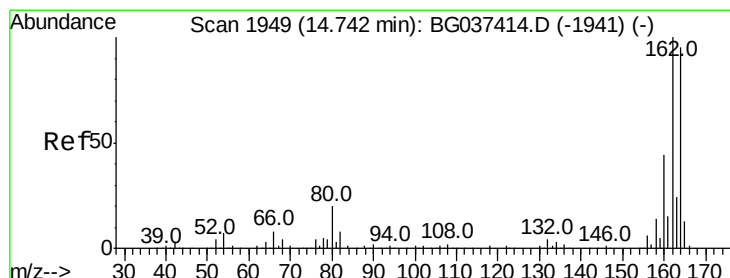
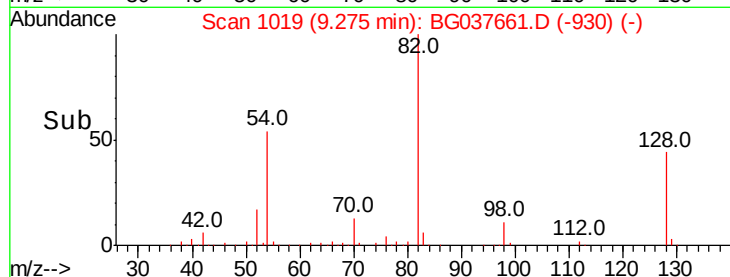
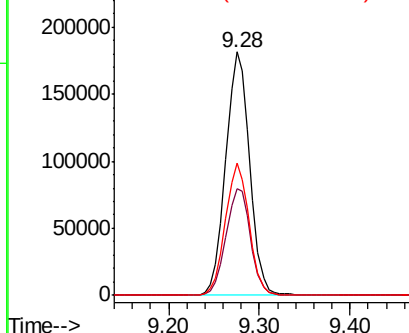
#23
 Nitrobenzene-d5
 Concen: 71.925 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	51.8
54	54.1	45.3	67.9

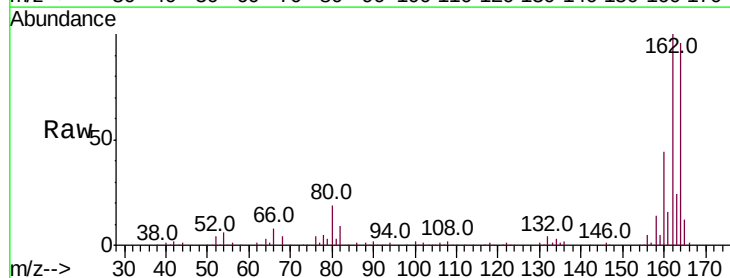


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

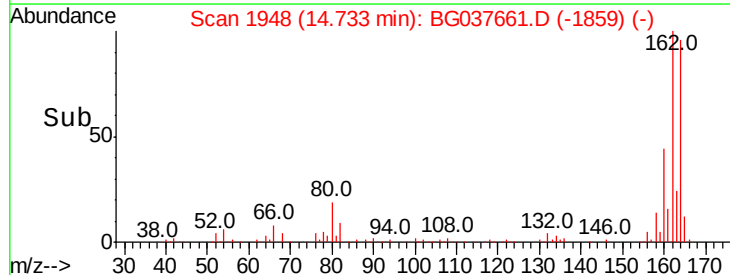
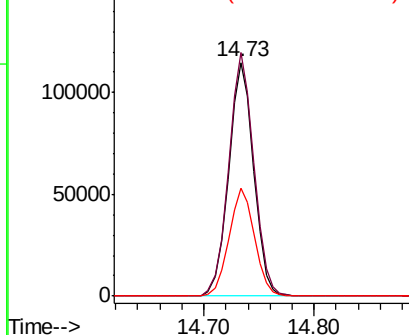


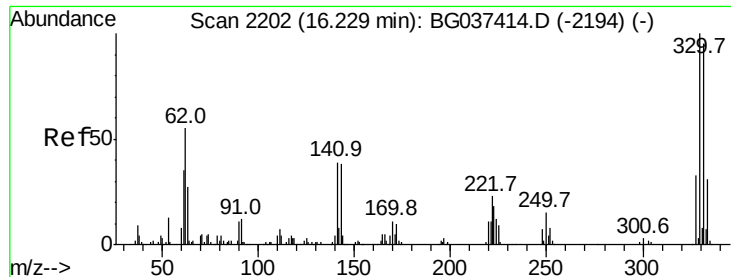
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BG037661.D
 Acq: 30 Oct 2018 19:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	46.2	36.3	54.5



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





#42

2,4,6-Tribromophenol

Concen: 107.289 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

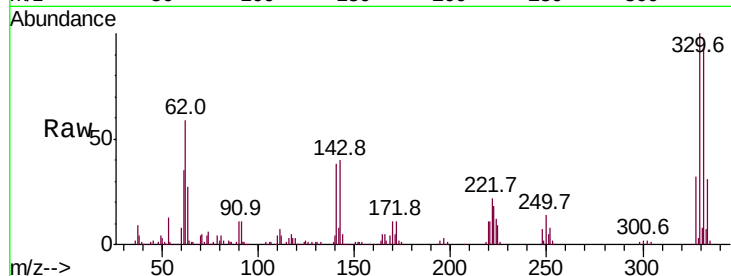
Tot Ion:330 Resp: 213103

Ion Ratio Lower Upper

330 100

332 93.9 78.4 117.6

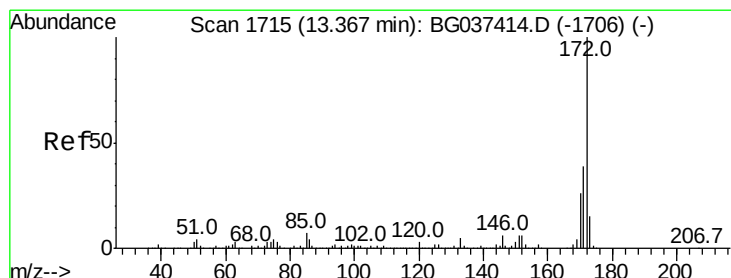
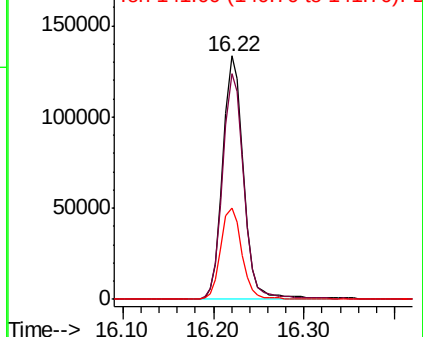
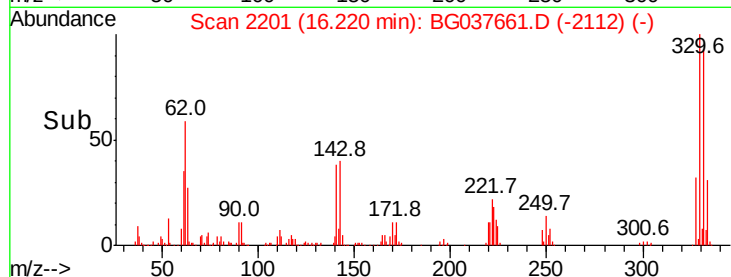
141 38.3 32.2 48.2



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: 69.458 ng

RT: 13.36 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

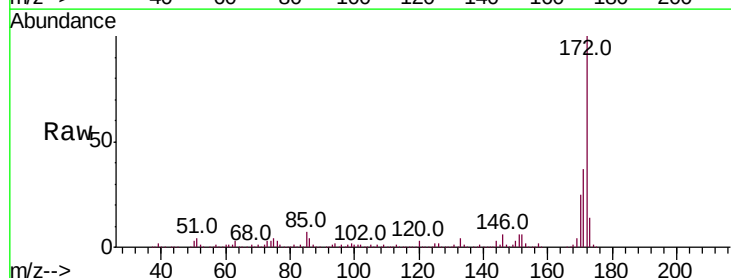
Tgt Ion:172 Resp: 838822

Ion Ratio Lower Upper

172 100

171 37.1 31.0 46.4

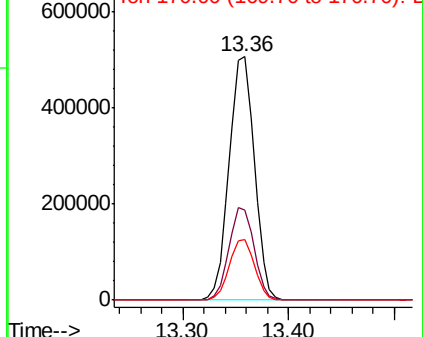
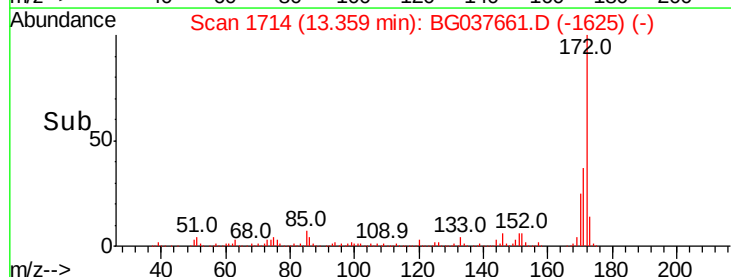
170 25.1 20.2 30.2

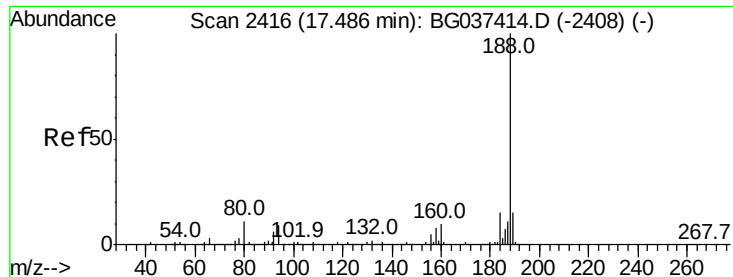


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.48 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

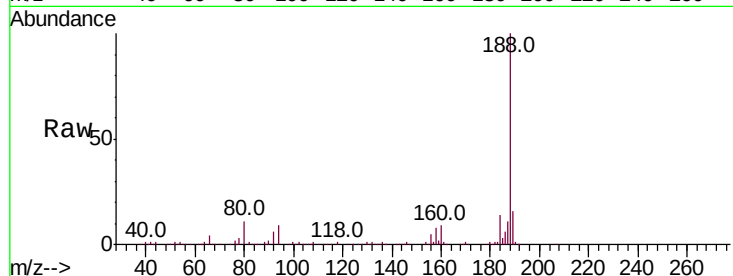
Tot Ion:188 Resp: 437175

Ion Ratio Lower Upper

188 100

94 9.0 7.2 10.8

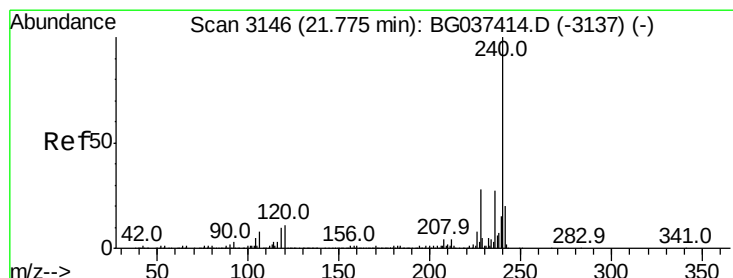
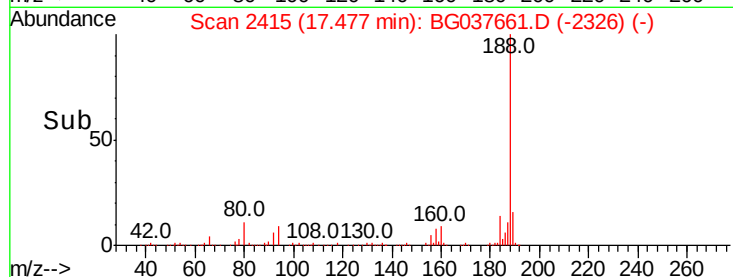
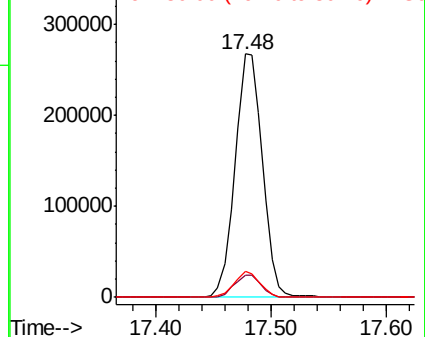
80 10.9 7.7 11.5



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: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

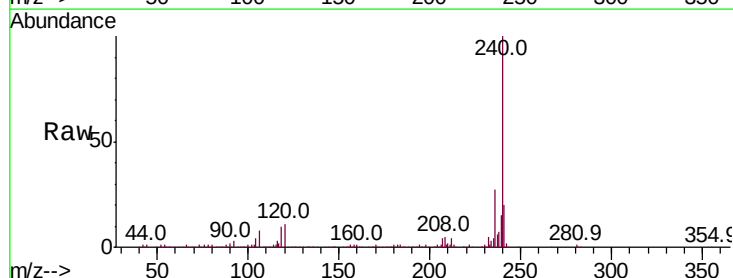
Tgt Ion:240 Resp: 398904

Ion Ratio Lower Upper

240 100

120 11.2 8.1 12.1

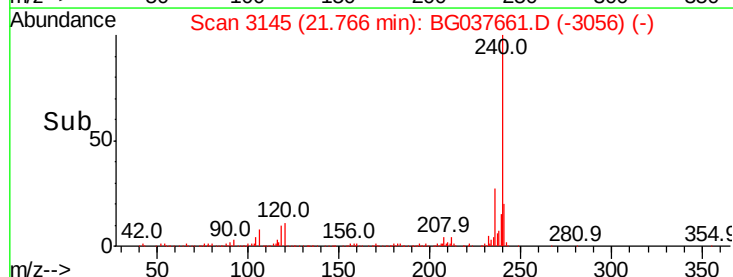
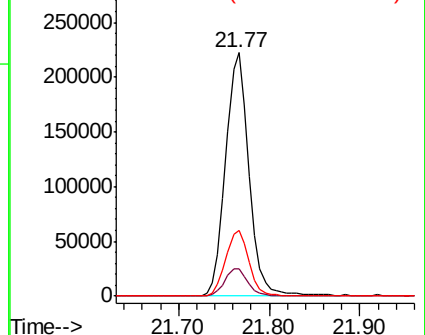
236 27.0 21.4 32.0

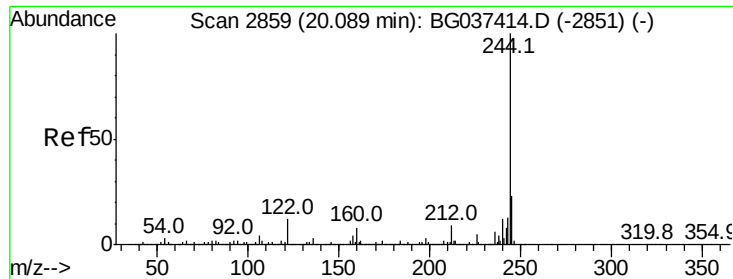


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.961 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

Instrument :

BNA_G

ClientSampleId :

PB114322BL

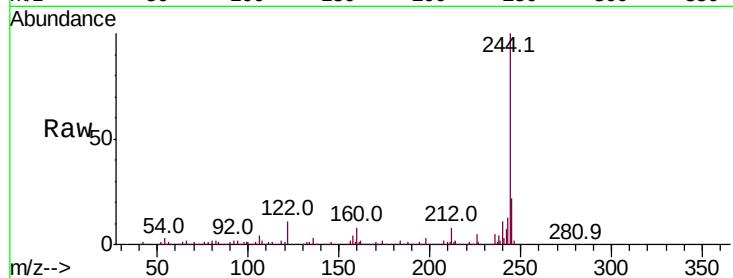
Tot Ion:244 Resp: 1287410

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.2	9.0	13.4

244 100

212 7.9 6.5 9.7

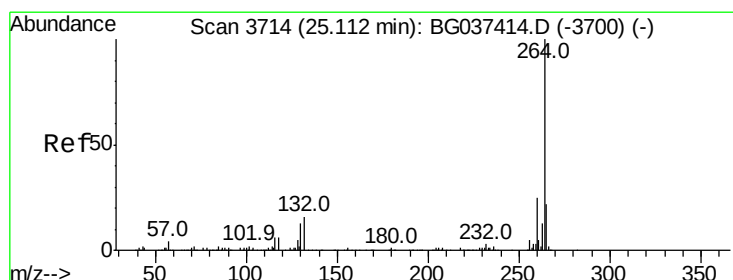
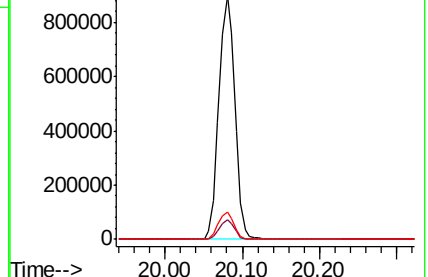
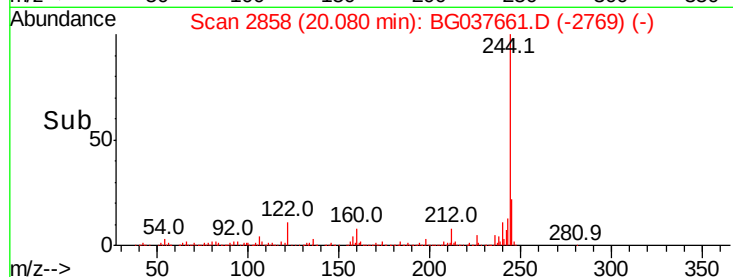
122 11.2 9.0 13.4



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: 25.10 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG037661.D

Acq: 30 Oct 2018 19:55

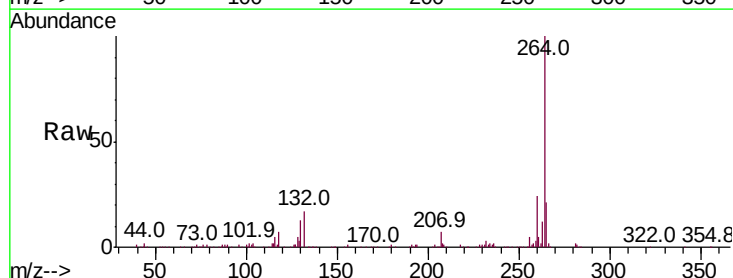
Tgt Ion:264 Resp: 382906

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	21.5	17.9	26.9

264 100

260 24.0 18.2 27.4

265 21.5 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

