

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037360.D
 Acq On : 16 Oct 2018 15:33
 Operator : JU/SJ
 Sample : PB113868BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BL

Quant Time: Oct 16 16:56:00 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	8.11	152	62194	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	264195	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	184043	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	478249	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	462215	20.00	ng	-0.02
87) Perylene-d12	25.12	264	465676	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	443213	125.42	ng	0.00
7) Phenol-d6	7.25	99	638858	119.10	ng	0.00
23) Nitrobenzene-d5	9.29	82	355298	88.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	243470	134.89	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	901776	73.58	ng	-0.01
79) Terphenyl-d14	20.09	244	1550411	70.43	ng	-0.01

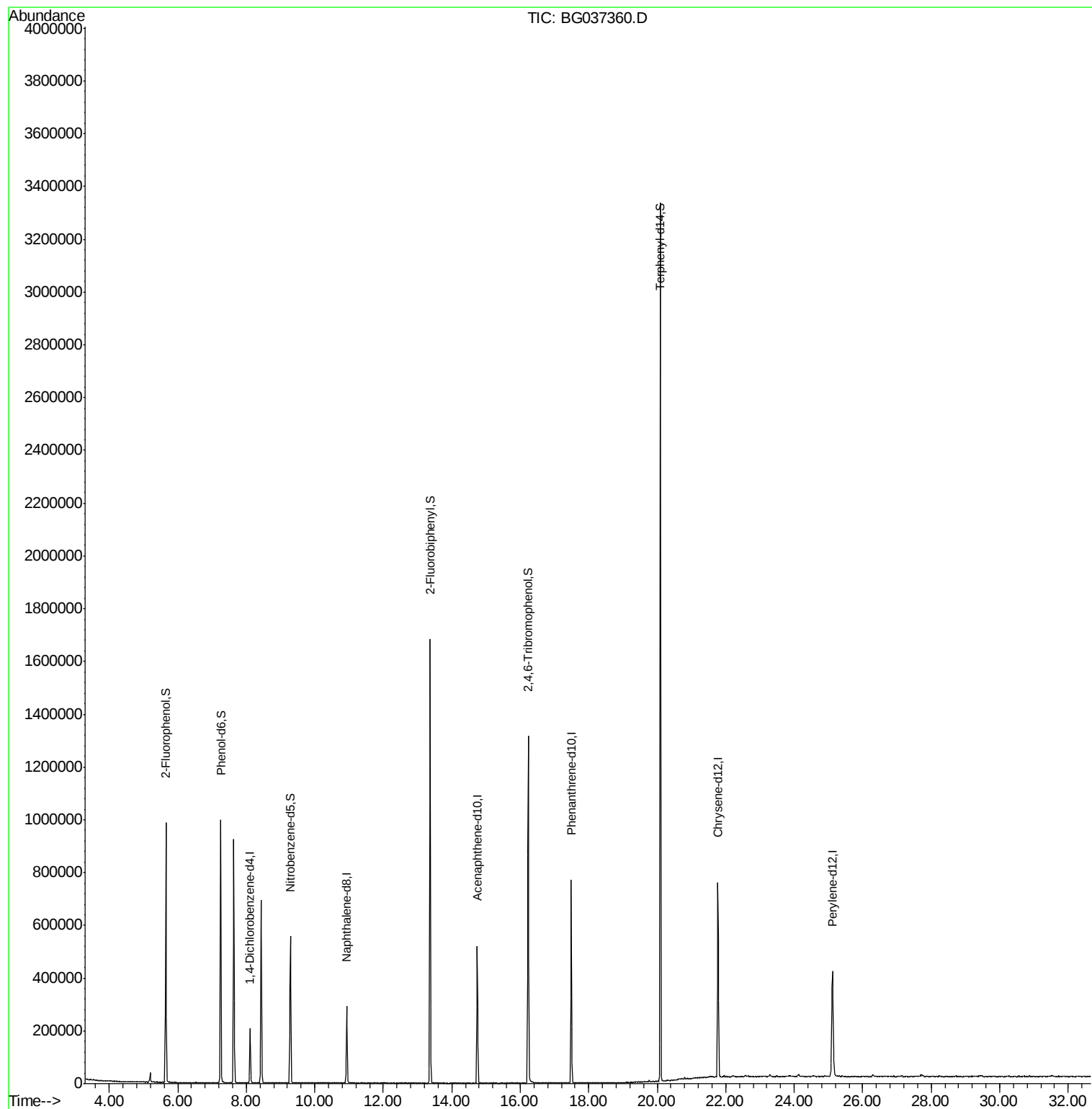
Target Compounds Qvalue

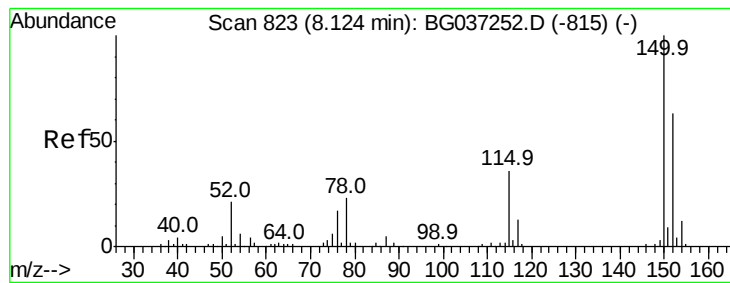
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB113868BL

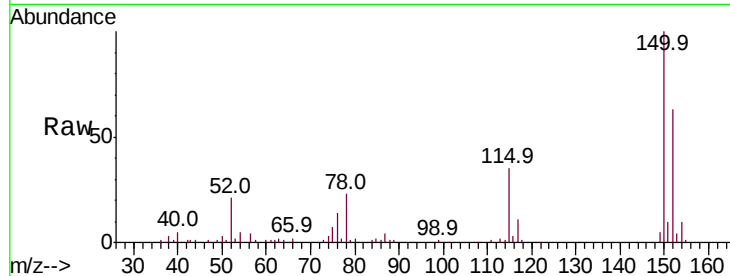
Tot Ion:152 Resp: 62194

Ion Ratio Lower Upper

152 100

150 160.0 126.0 189.0

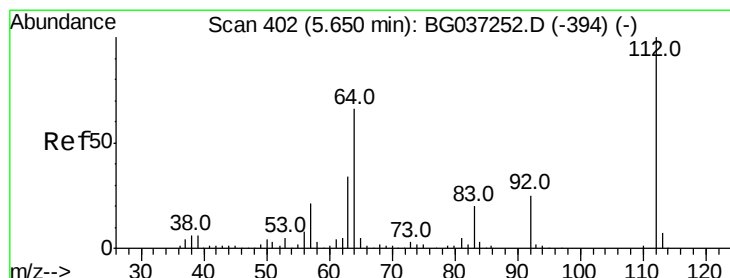
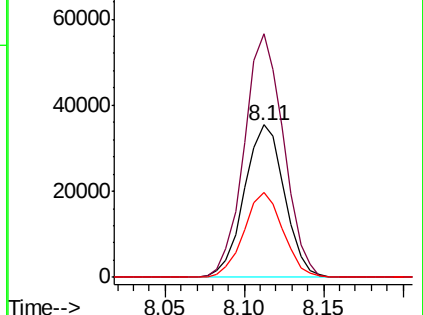
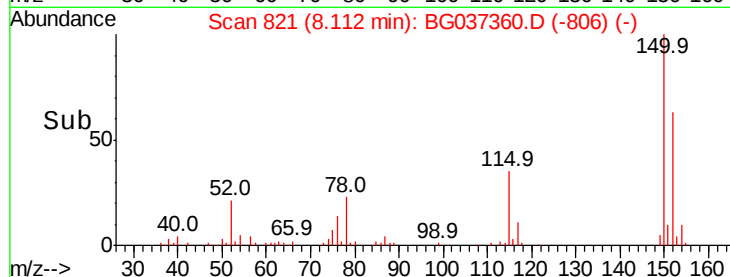
115 55.6 45.5 68.3



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: 125.416 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

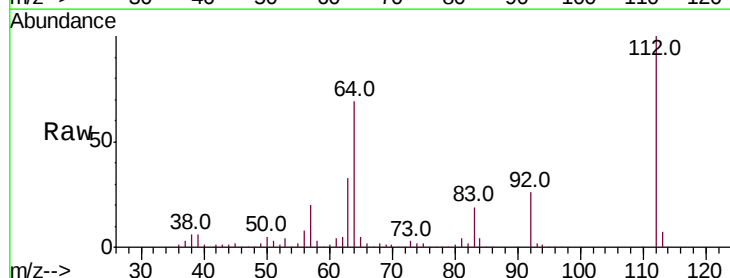
Tgt Ion:112 Resp: 443213

Ion Ratio Lower Upper

112 100

64 68.6 53.1 79.7

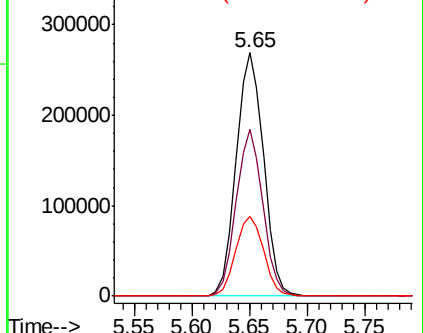
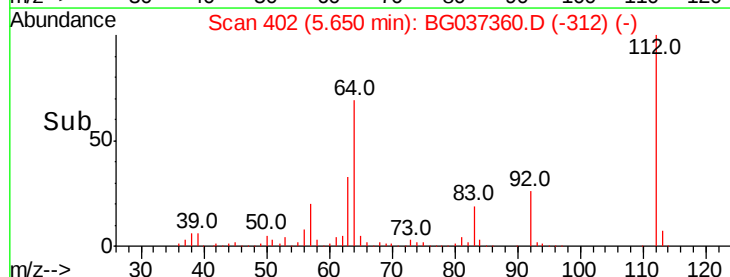
63 33.0 27.3 40.9

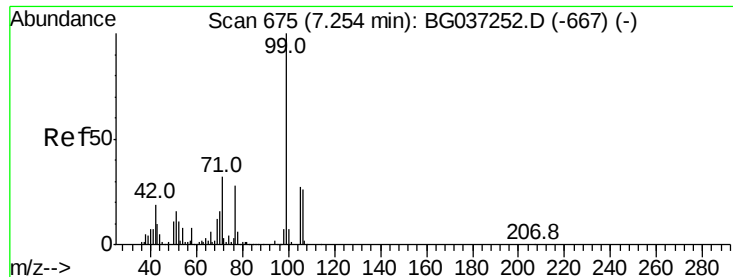


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 119.102 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB113868BL

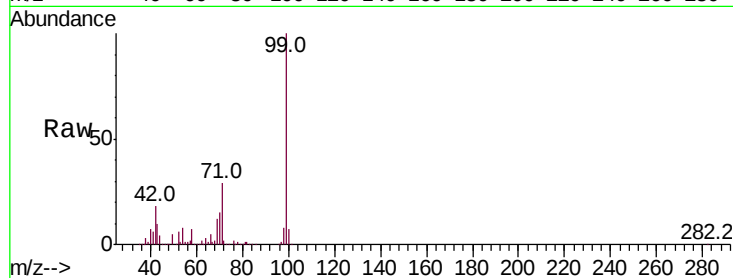
Tot Ion: 99 Resp: 638858

Ion Ratio Lower Upper

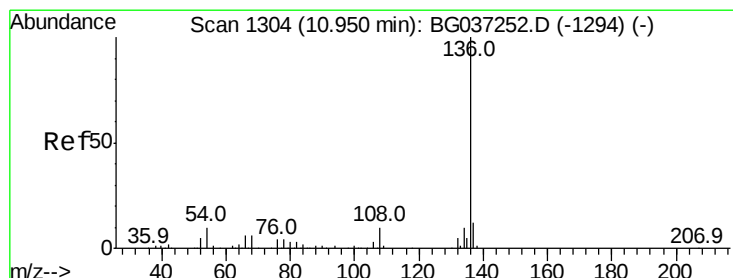
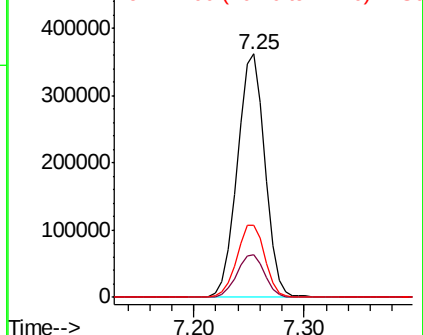
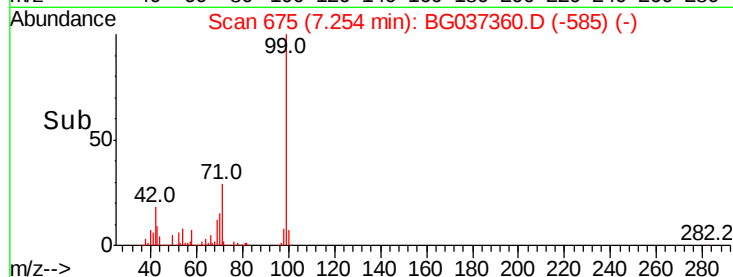
99 100

42 17.5 15.0 22.4

71 29.5 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: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

Tgt Ion: 136 Resp: 264195

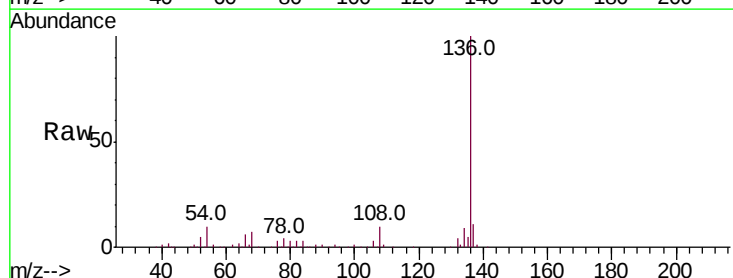
Ion Ratio Lower Upper

136 100

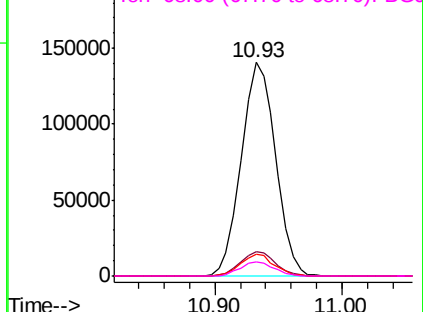
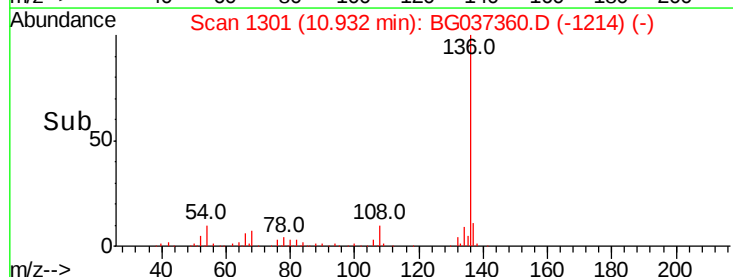
137 11.5 9.6 14.4

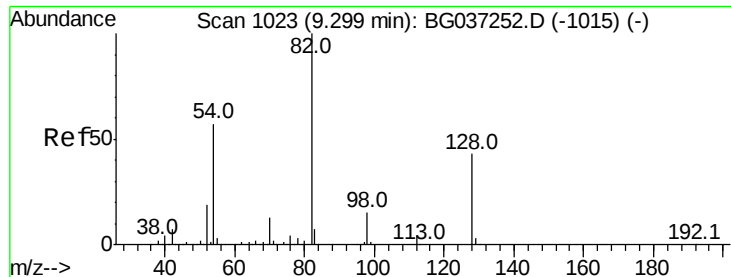
54 10.2 7.9 11.9

68 6.9 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

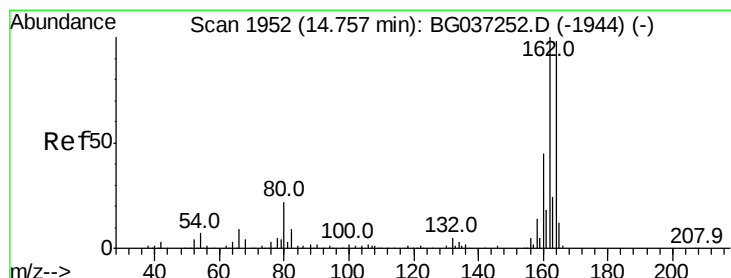
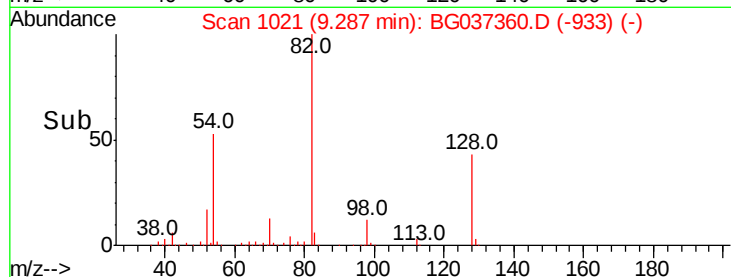
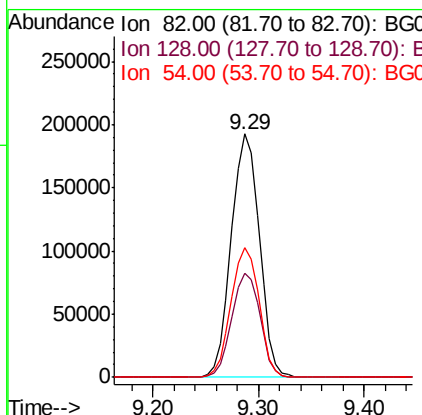
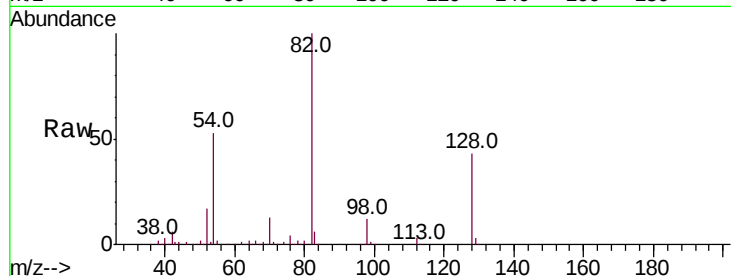




#23
 Nitrobenzene-d5
 Concen: 88.416 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG037360.D
 Acq: 16 Oct 2018 15:33

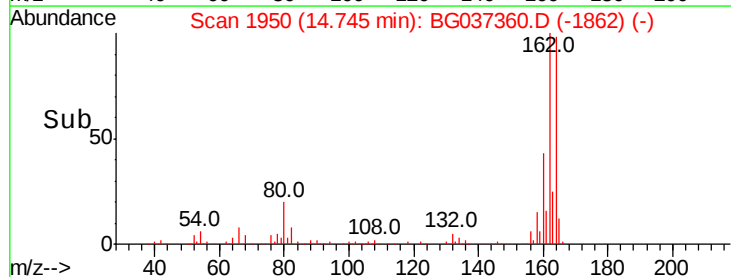
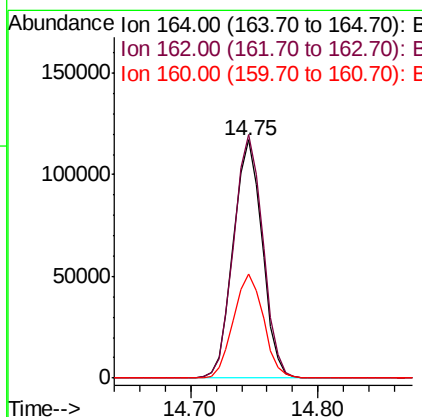
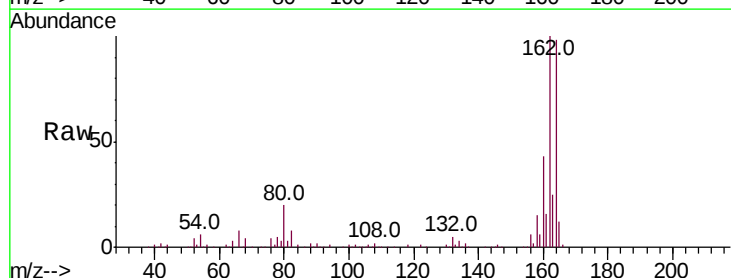
Instrument :
 BNA_G
 ClientSampleId :
 PB113868BL

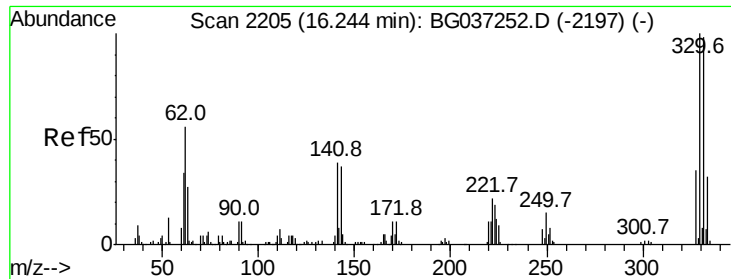
Tot Ion	82	Resp	355298
Ion Ratio	Lower	Upper	
82	100		
128	42.6	34.6	51.8
54	53.5	45.3	67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.75 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BG037360.D
 Acq: 16 Oct 2018 15:33

Tgt Ion	164	Resp	184043
Ion Ratio	Lower	Upper	
164	100		
162	102.2	81.3	121.9
160	44.0	36.3	54.5

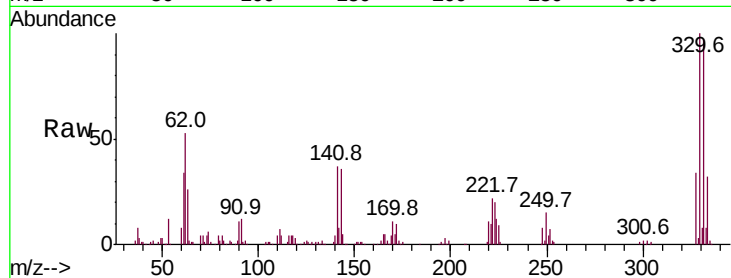




#42
 2,4,6-Tribromophenol
 Concen: 134.890 ng
 RT: 16.23 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BG037360.D
 Acq: 16 Oct 2018 15:33

Instrument :
 BNA_G
 ClientSampleId :
 PB113868BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.4	117.6
141	39.5	32.2	48.2

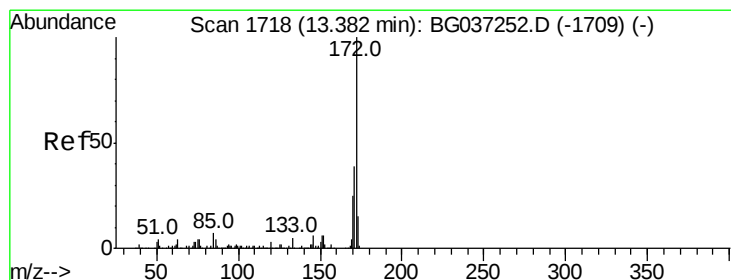
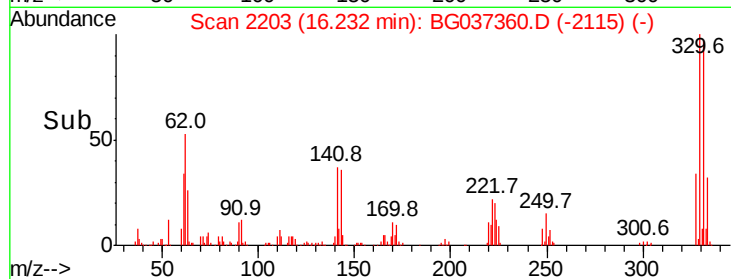
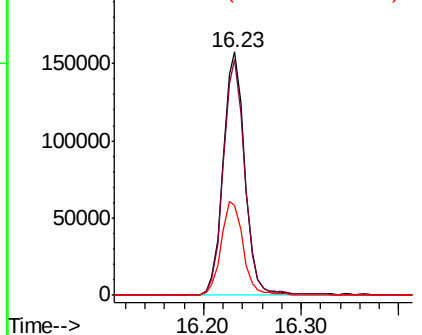


Abundance

Ion 329.80 (329.50 to 330.50): E

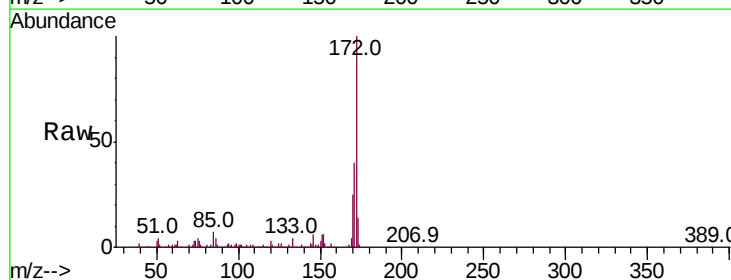
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 73.584 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037360.D
 Acq: 16 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.7	31.0	46.4
170	24.6	20.2	30.2

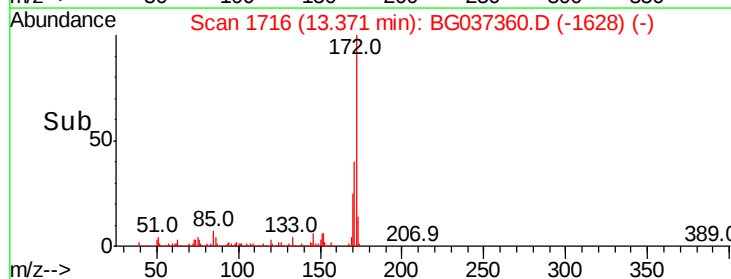
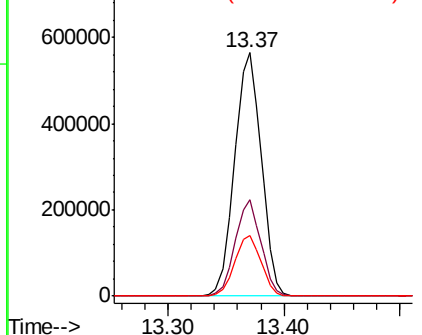


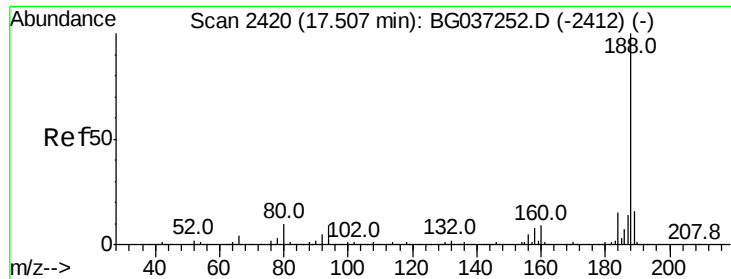
Abundance

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

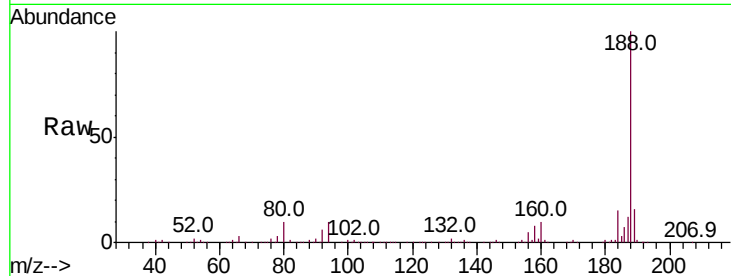




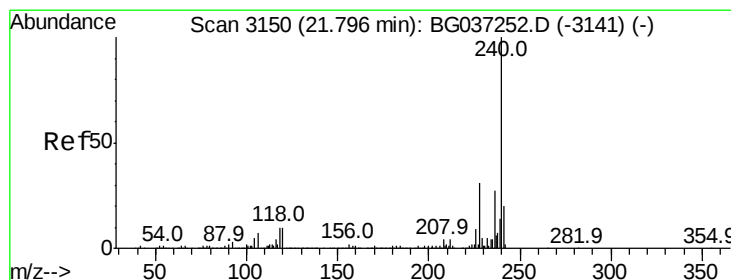
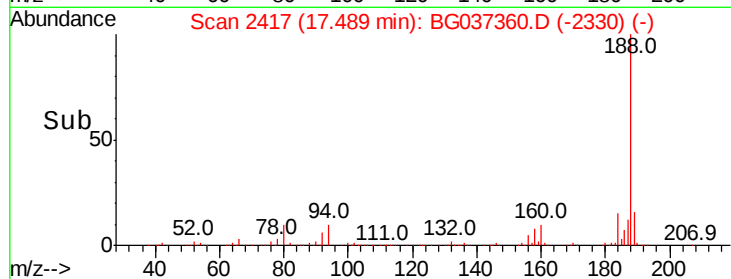
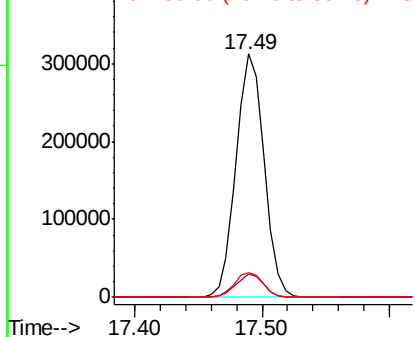
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG037360.D
Acq: 16 Oct 2018 15:33

Instrument :
BNA_G
ClientSampleId :
PB113868BL

Tot Ion:188 Resp: 478249
Ion Ratio Lower Upper
188 100
94 9.8 7.2 10.8
80 10.3 7.7 11.5

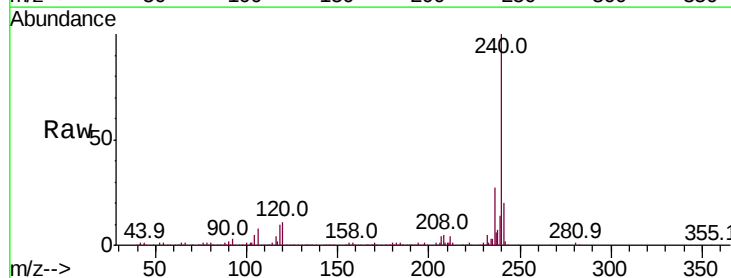


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

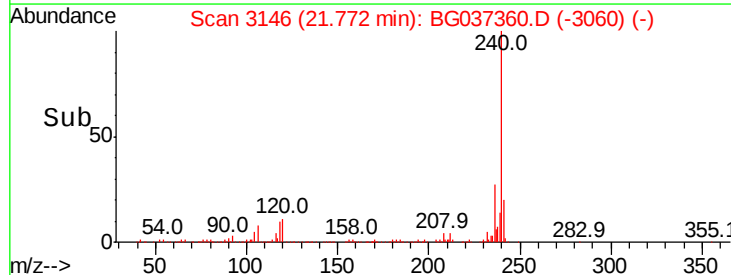
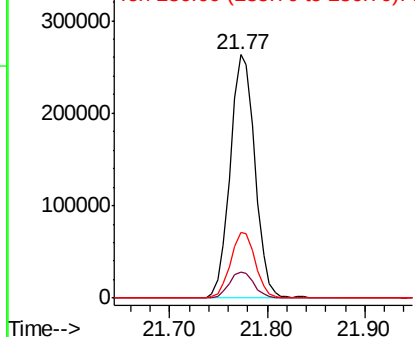


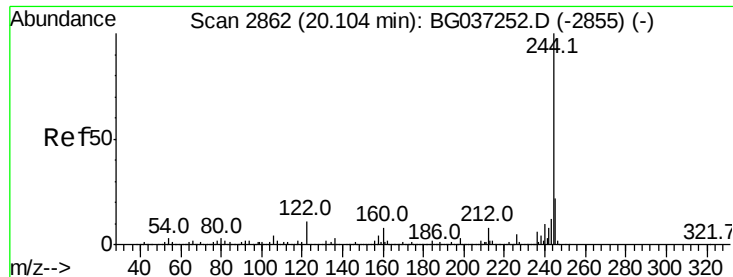
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.02 min
Lab File: BG037360.D
Acq: 16 Oct 2018 15:33

Tgt Ion:240 Resp: 462215
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.1 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: 70.432 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

Instrument :

BNA_G

ClientSampleId :

PB113868BL

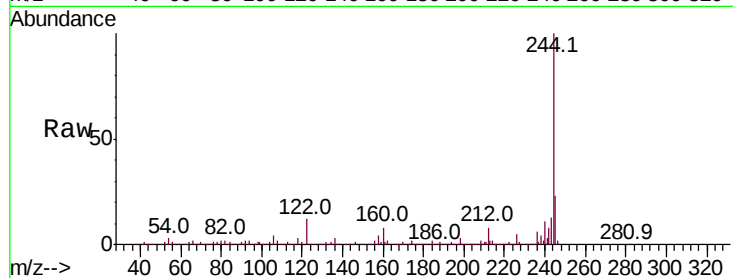
Tot Ion:244 Resp: 1550411

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

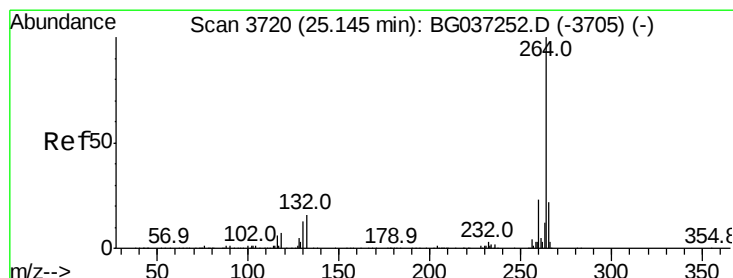
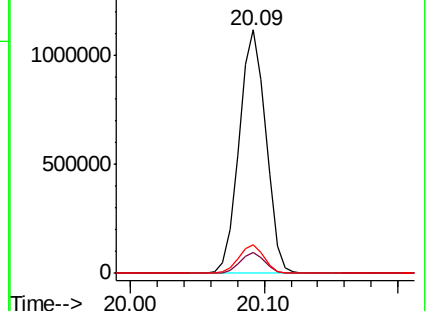
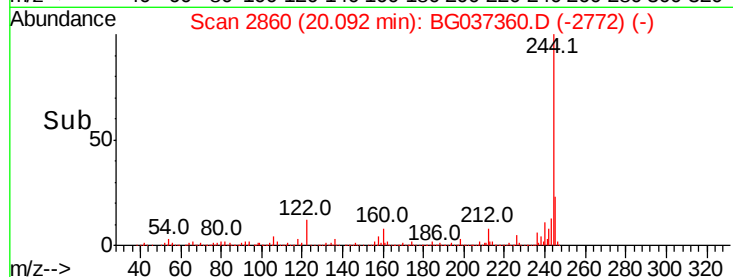
122 11.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 25.12 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG037360.D

Acq: 16 Oct 2018 15:33

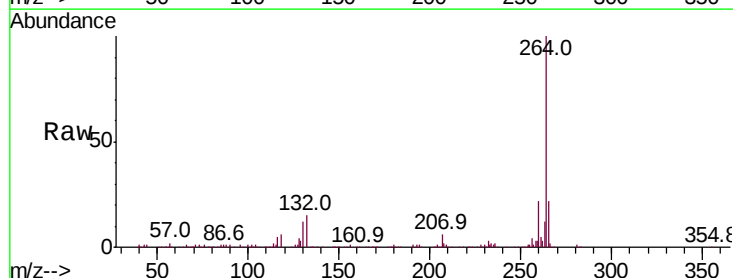
Tgt Ion:264 Resp: 465676

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

200000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

