

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037642.D
 Acq On : 30 Oct 2018 3:37
 Operator : JU/SJ
 Sample : PB114209BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BL

Quant Time: Oct 30 06:36:35 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	51585	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	223855	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	156157	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	378386	20.00	ng	0.00
76) Chrysene-d12	21.77	240	350334	20.00	ng	0.00
87) Perylene-d12	25.10	264	333421	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	338999	109.87	ng	0.00
7) Phenol-d6	7.25	99	493793	105.84	ng	0.00
23) Nitrobenzene-d5	9.27	82	282157	70.61	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	181912	106.81	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	722056	69.73	ng	0.00
79) Terphenyl-d14	20.08	244	1129462	68.89	ng	0.00

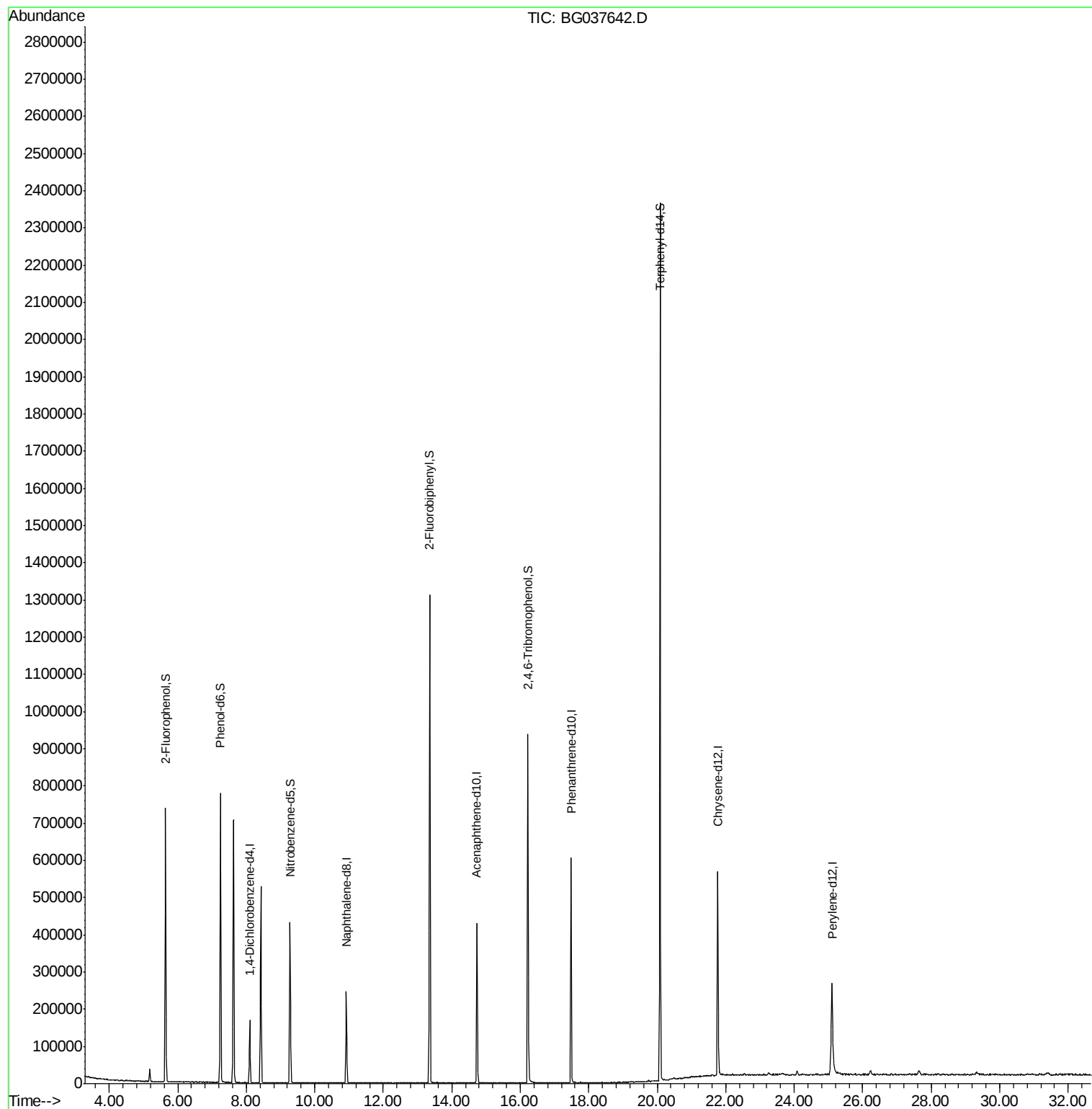
Target Compounds Qvalue

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

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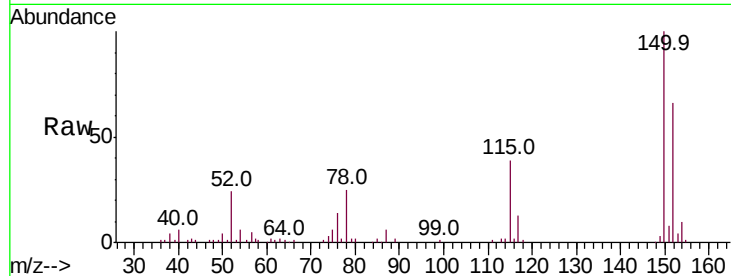


#1

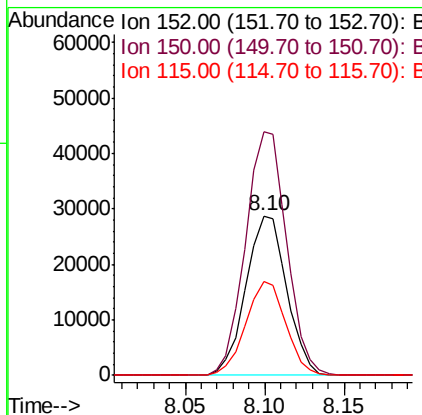
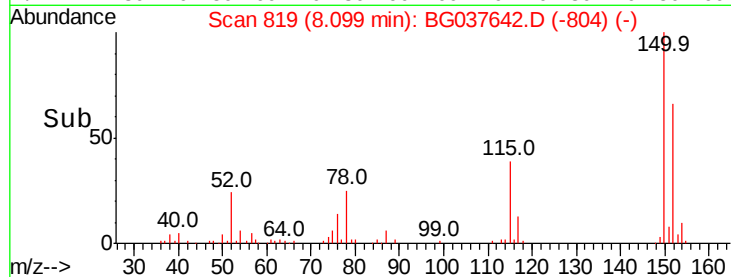
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG037642.D
 Acq: 30 Oct 2018 3:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.0	189.0
115	58.7	45.5	68.3



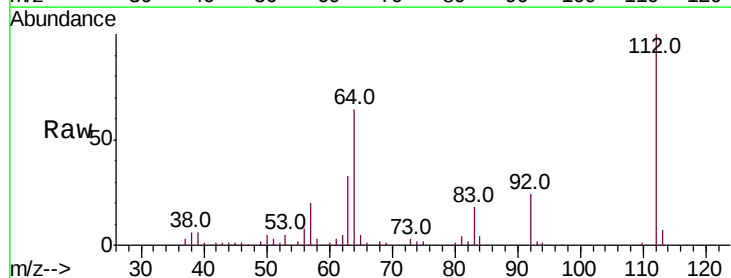
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



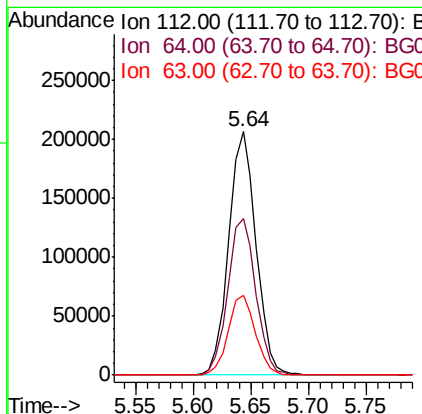
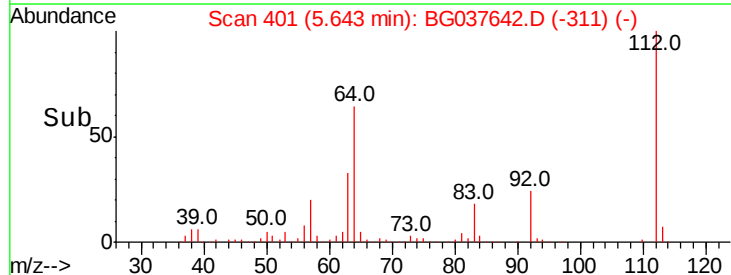
#5

2-Fluorophenol
 Concen: 109.868 ng
 RT: 5.64 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: BG037642.D
 Acq: 30 Oct 2018 3:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.1	79.7
63	32.7	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: 105.836 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037642.D

Acq: 30 Oct 2018 3:37

Instrument :

BNA_G

ClientSampleId :

PB114209BL

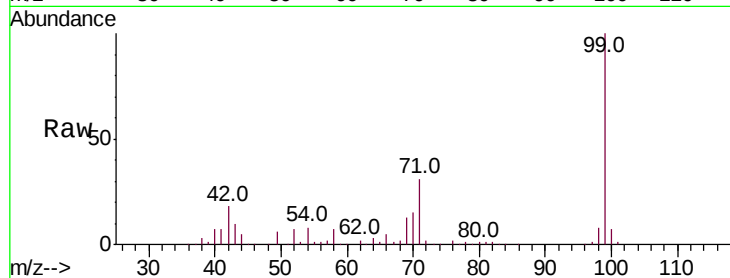
Tot Ion: 99 Resp: 493793

Ion Ratio Lower Upper

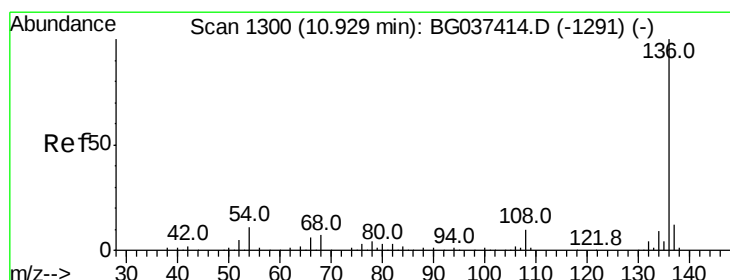
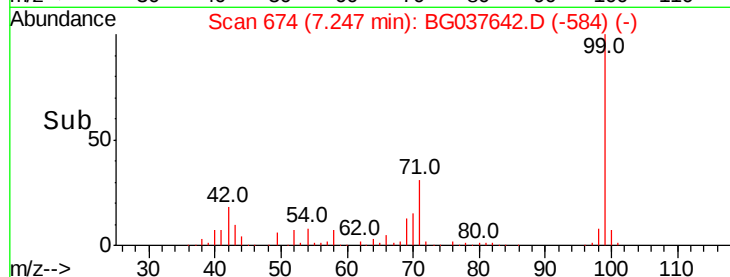
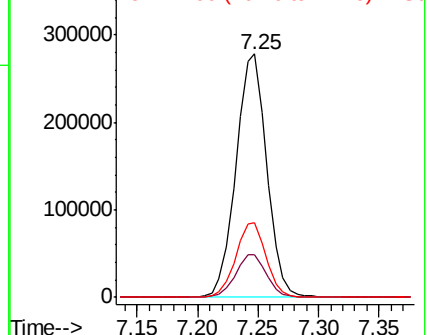
99 100

42 17.5 15.0 22.4

71 30.5 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# 1300

Delta R.T. -0.00 min

Lab File: BG037642.D

Acq: 30 Oct 2018 3:37

Tgt Ion: 136 Resp: 223855

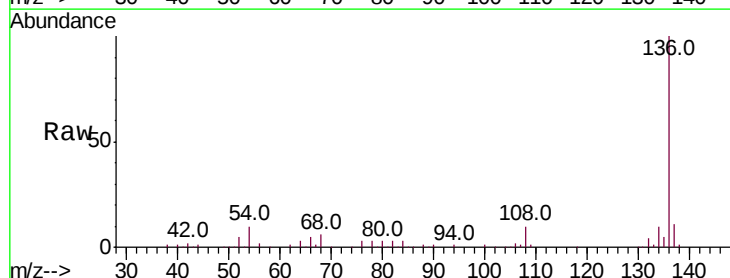
Ion Ratio Lower Upper

136 100

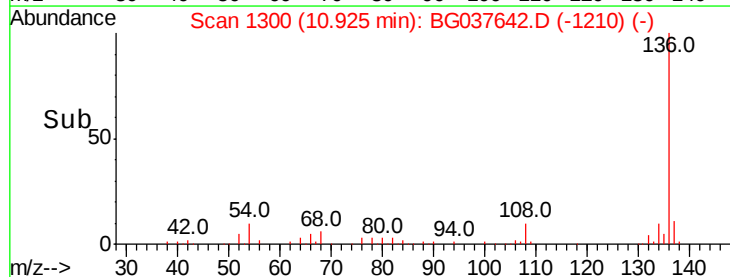
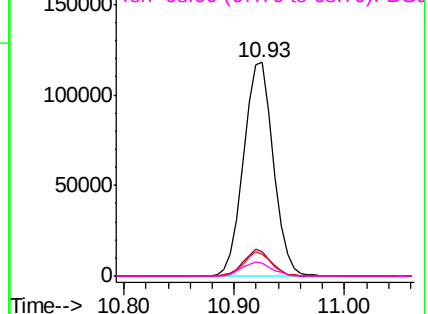
137 11.3 9.6 14.4

54 10.1 7.9 11.9

68 5.8 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: 70.609 ng

RT: 9.27 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BG037642.D

Acq: 30 Oct 2018 3:37

Instrument :

BNA_G

ClientSampleId :

PB114209BL

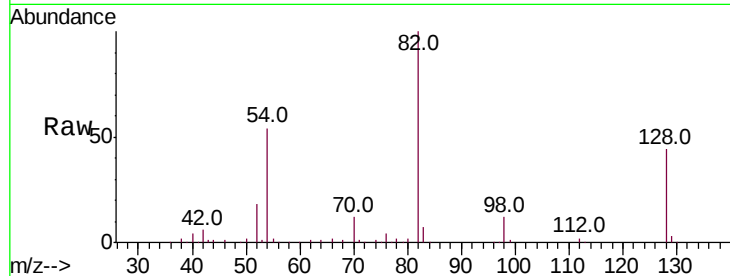
Tot Ion: 82 Resp: 282157

Ion Ratio Lower Upper

82 100

128 43.5 34.6 51.8

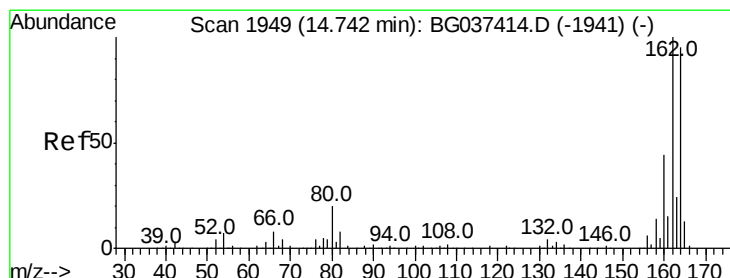
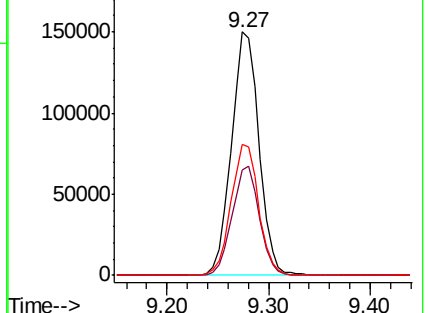
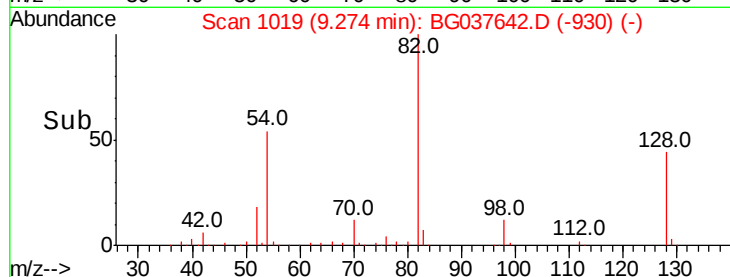
54 53.8 45.3 67.9



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: BG037642.D

Acq: 30 Oct 2018 3:37

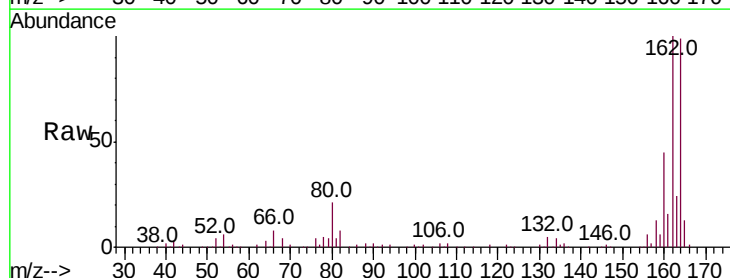
Tgt Ion:164 Resp: 156157

Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

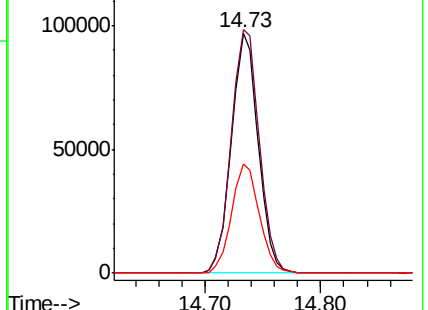
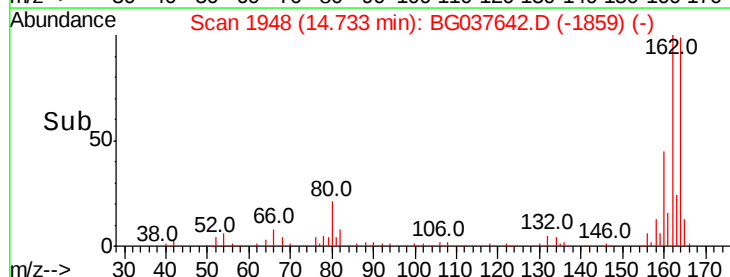
160 45.3 36.3 54.5



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

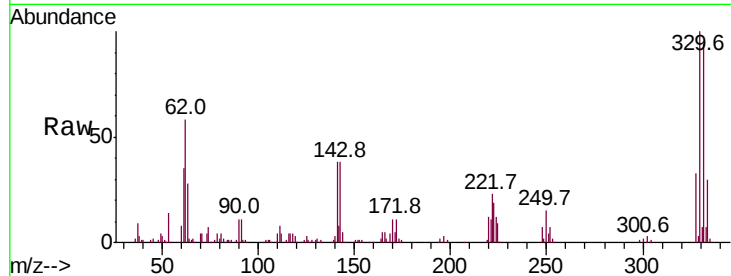




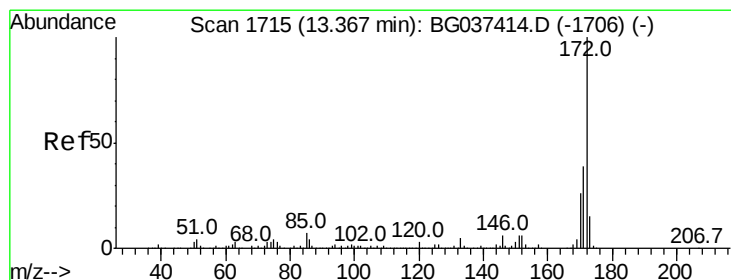
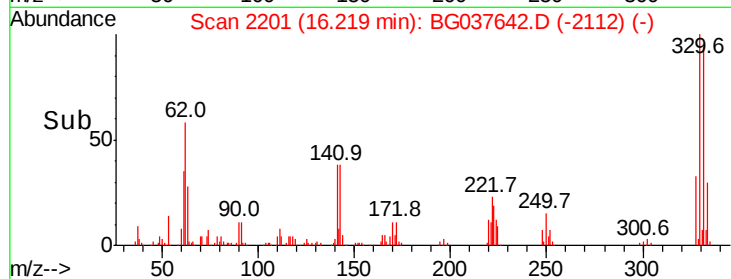
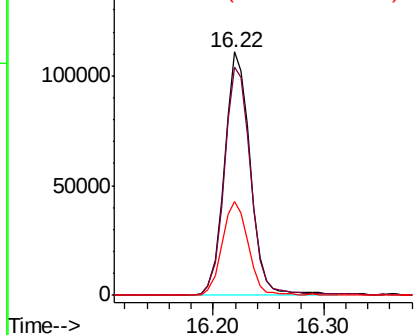
#42
 2,4,6-Tribromophenol
 Concen: 106.807 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037642.D
 Acq: 30 Oct 2018 3:37

Instrument :
 BNA_G
 ClientSampleId :
 PB114209BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.4	117.6
141	38.7	32.2	48.2

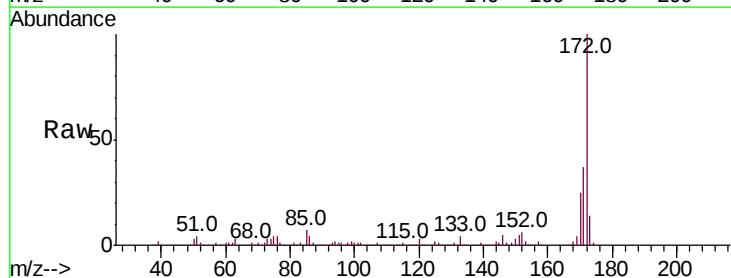


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

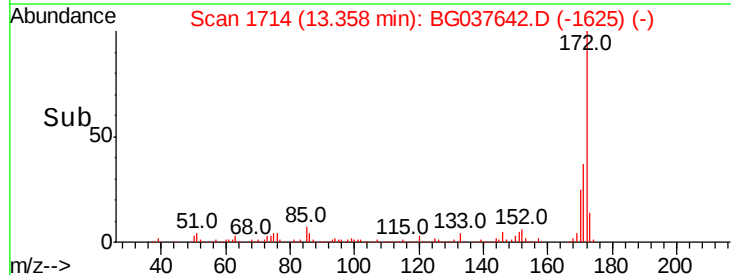
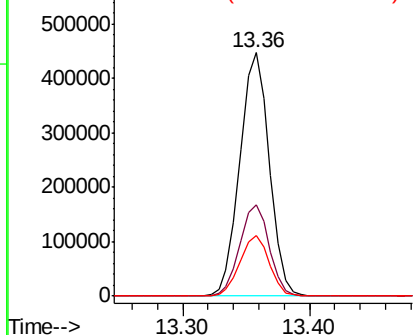


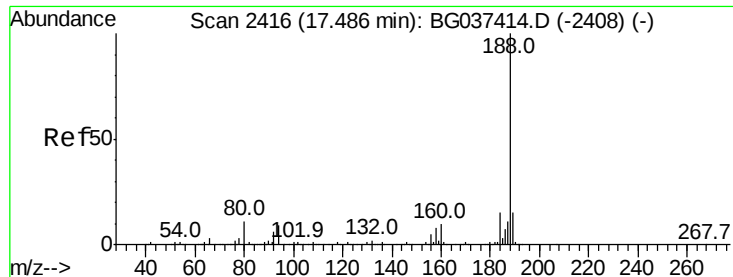
#45
 2-Fluorobiphenyl
 Concen: 69.726 ng
 RT: 13.36 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BG037642.D
 Acq: 30 Oct 2018 3:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	31.0	46.4
170	24.7	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

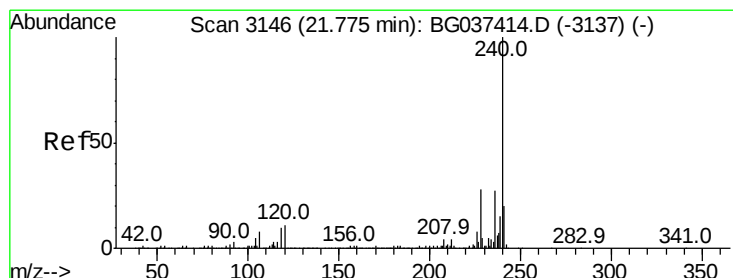
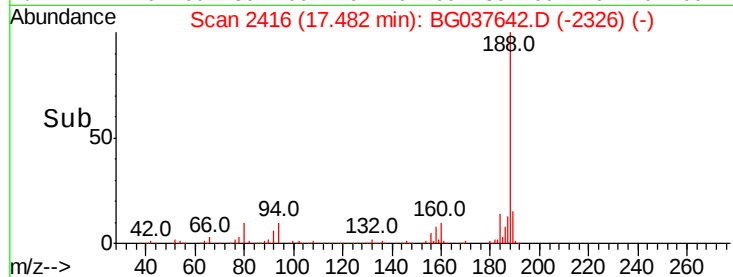
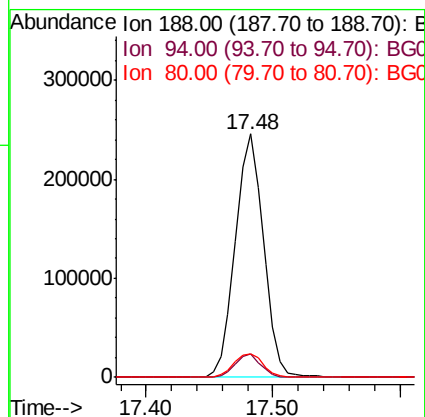
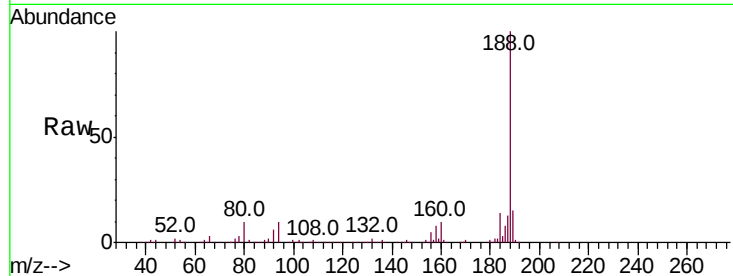




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BG037642.D
Acq: 30 Oct 2018 3:37

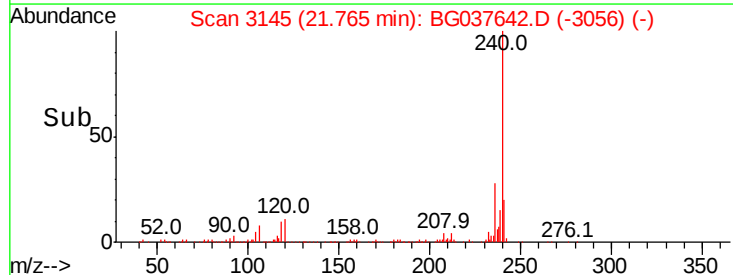
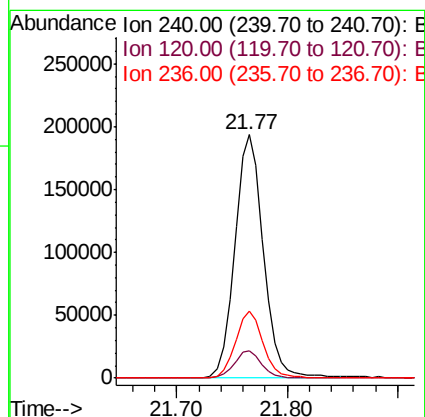
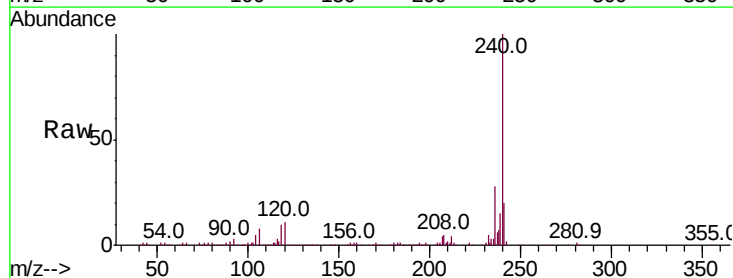
Instrument :
BNA_G
ClientSampleId :
PB114209BL

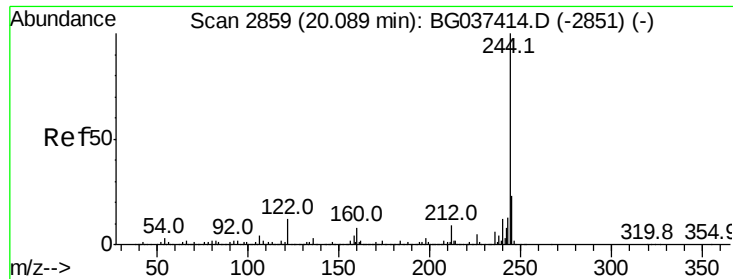
Tot Ion:188 Resp: 378386
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037642.D
Acq: 30 Oct 2018 3:37

Tgt Ion:240 Resp: 350334
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 68.888 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037642.D

Acq: 30 Oct 2018 3:37

Instrument :

BNA_G

ClientSampleId :

PB114209BL

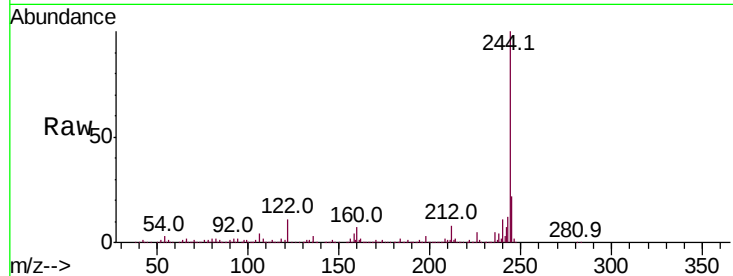
Tot Ion:244 Resp: 1129462

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

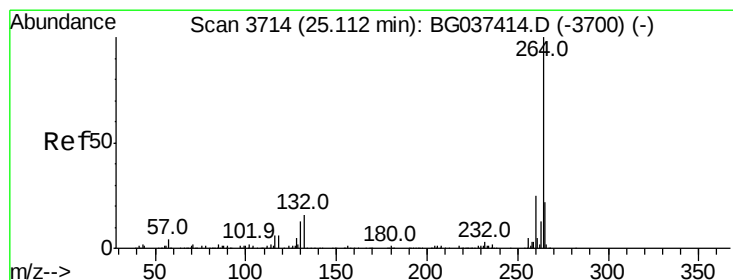
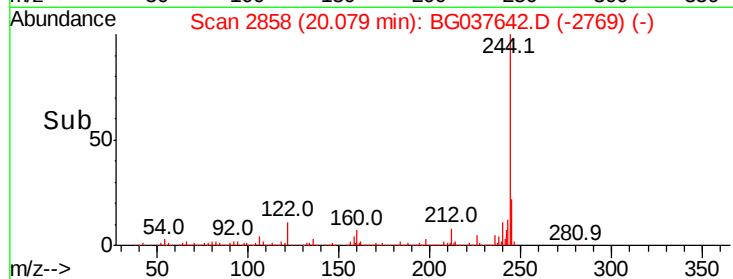
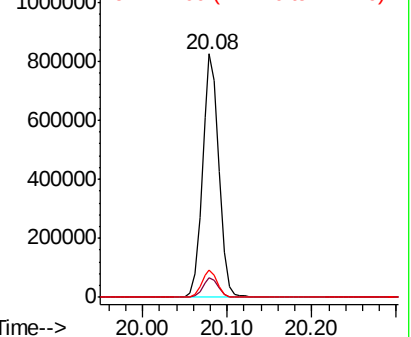
122 11.4 9.0 13.4



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# 3713

Delta R.T. -0.01 min

Lab File: BG037642.D

Acq: 30 Oct 2018 3:37

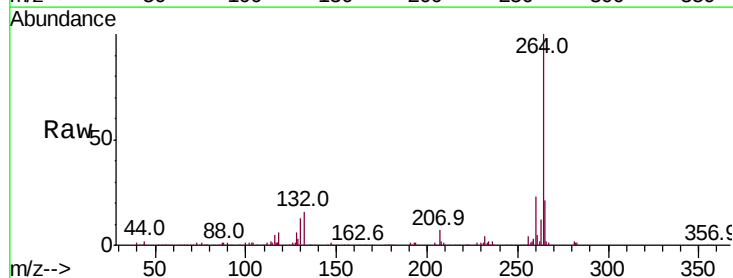
Tgt Ion:264 Resp: 333421

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.7 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

