

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
 Data File : BG037644.D
 Acq On : 30 Oct 2018 4:55
 Operator : JU/SJ
 Sample : PB114248BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

Quant Time: Oct 30 06:39:32 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	53531	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	237796	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	164394	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	402657	20.00	ng	0.00
76) Chrysene-d12	21.77	240	373961	20.00	ng	0.00
87) Perylene-d12	25.10	264	356829	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	307506	96.04	ng	0.00
7) Phenol-d6	7.24	99	443676	91.64	ng	0.00
23) Nitrobenzene-d5	9.28	82	253645	59.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	159099	88.73	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	648335	59.47	ng	-0.01
79) Terphenyl-d14	20.08	244	1026262	58.64	ng	0.00

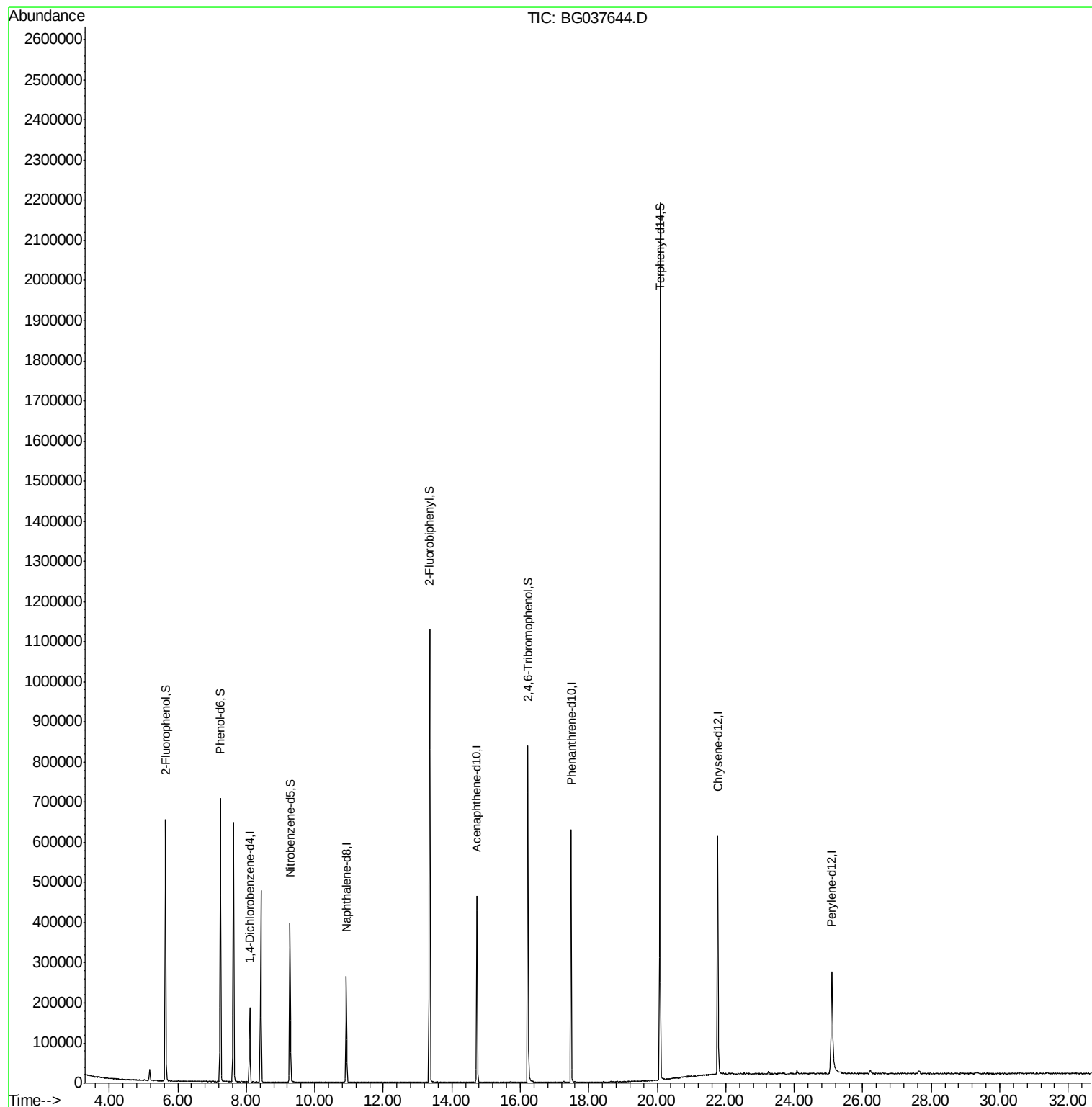
Target Compounds Qvalue

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

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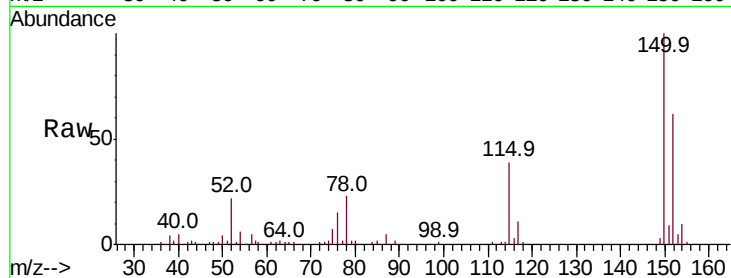


#1

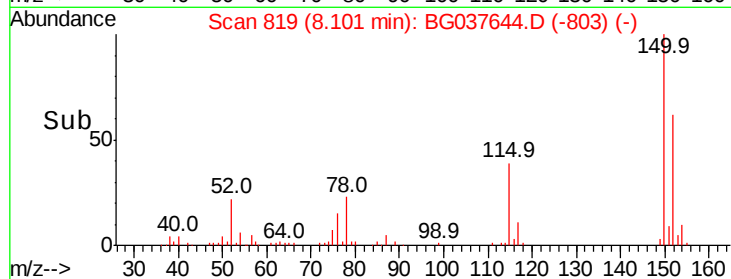
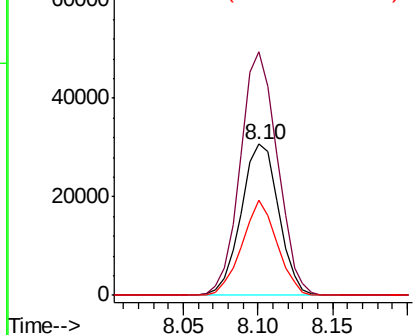
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Instrument :
BNA_G
ClientSampleId :
PB114248BL

Tot Ion:152 Resp: 53531
Ion Ratio Lower Upper
152 100
150 161.2 126.0 189.0
115 63.4 45.5 68.3



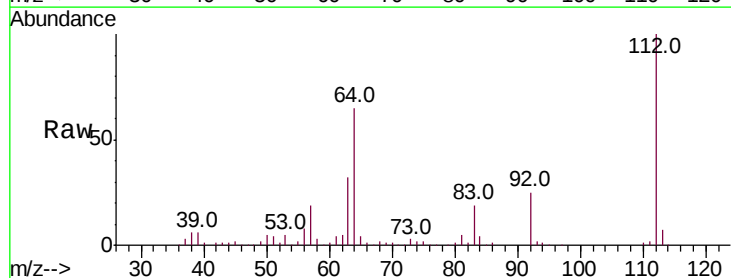
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



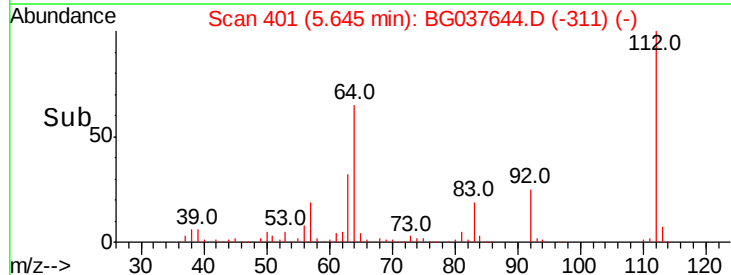
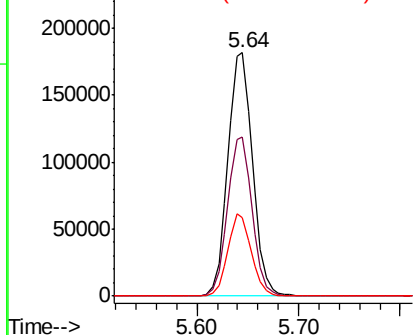
#5

2-Fluorophenol
Concen: 96.039 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Tgt Ion:112 Resp: 307506
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 32.1 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: 91.637 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

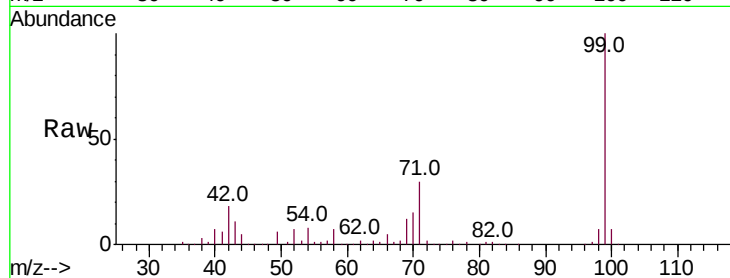
Tot Ion: 99 Resp: 443676

Ion Ratio Lower Upper

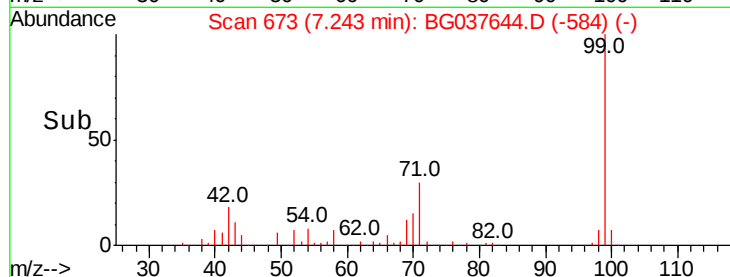
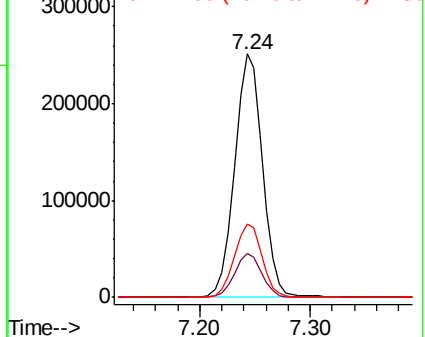
99 100

42 17.8 15.0 22.4

71 30.4 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: BG037644.D

Acq: 30 Oct 2018 4:55

Tgt Ion: 136 Resp: 237796

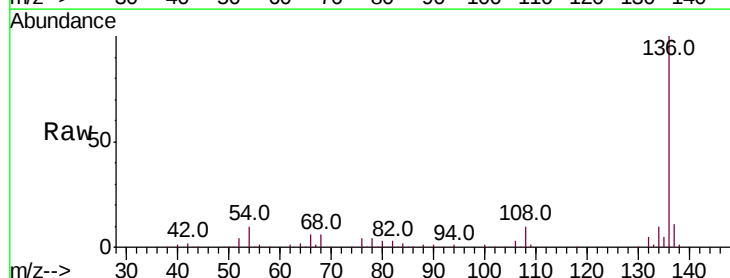
Ion Ratio Lower Upper

136 100

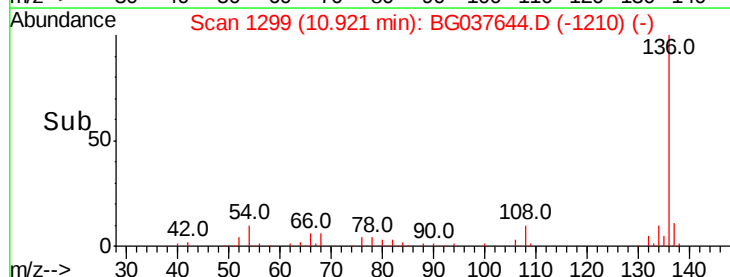
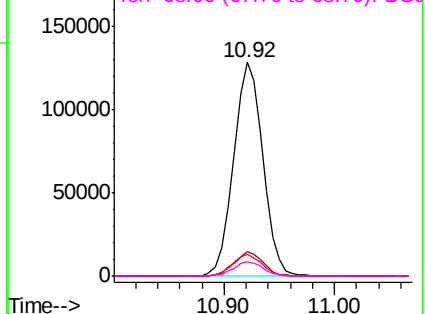
137 11.3 9.6 14.4

54 10.3 7.9 11.9

68 6.5 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

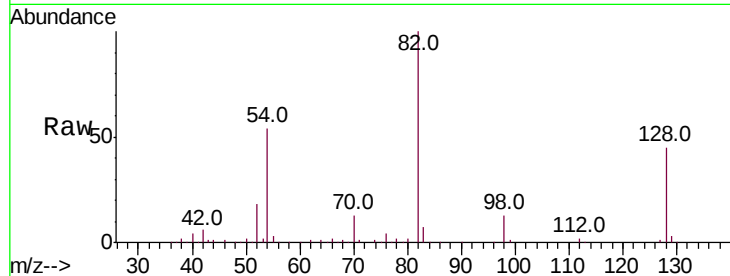




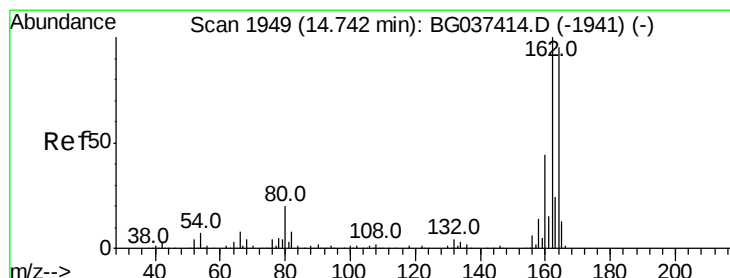
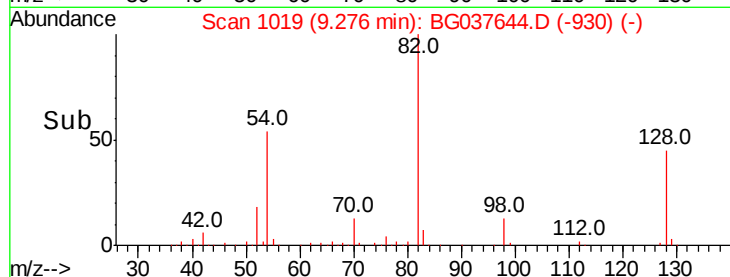
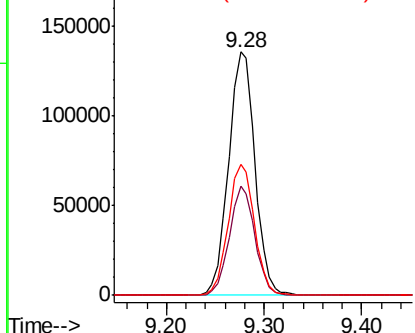
#23
Nitrobenzene-d5
Concen: 59.753 ng
RT: 9.28 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Instrument :
BNA_G
ClientSampleId :
PB114248BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.6	51.8
54	53.6	45.3	67.9

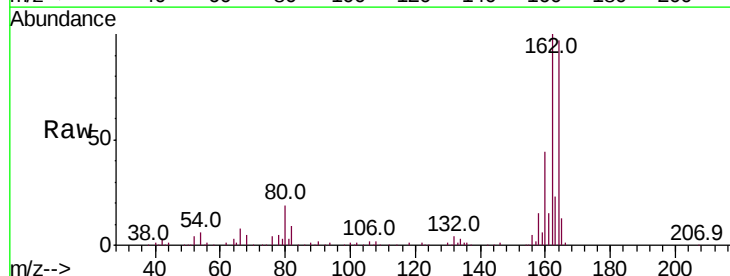


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

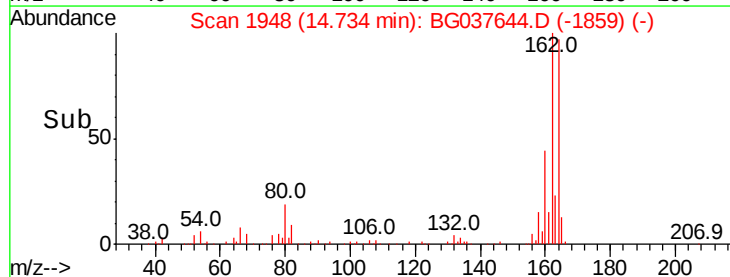
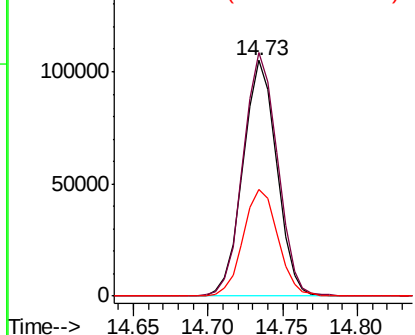


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG037644.D
Acq: 30 Oct 2018 4:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	45.2	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

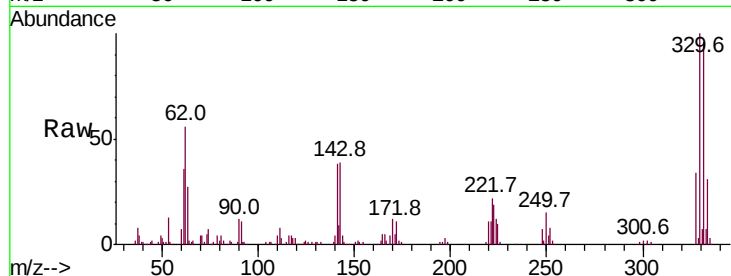




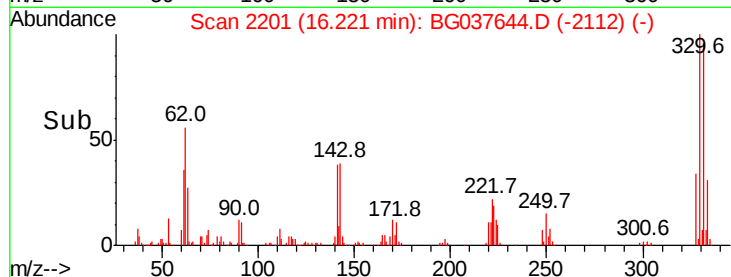
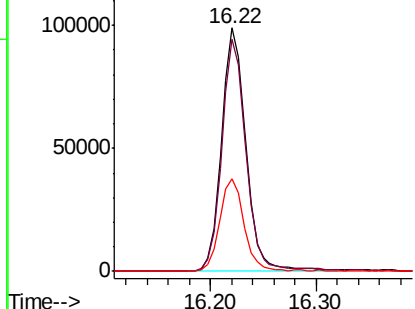
#42
 2,4,6-Tribromophenol
 Concen: 88.732 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Instrument :
 BNA_G
 ClientSampleId :
 PB114248BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	78.4	117.6
141	38.6	32.2	48.2

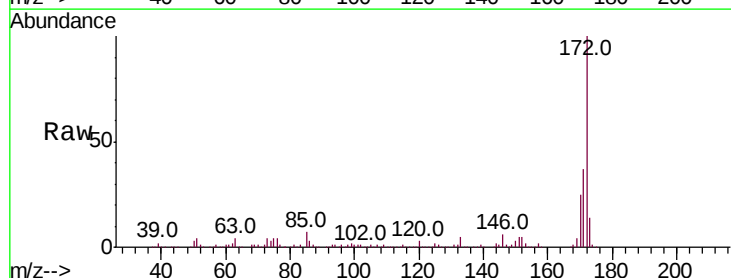


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

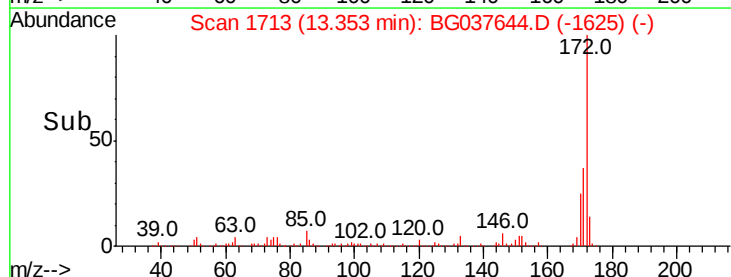
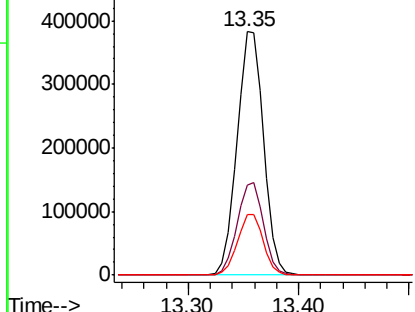


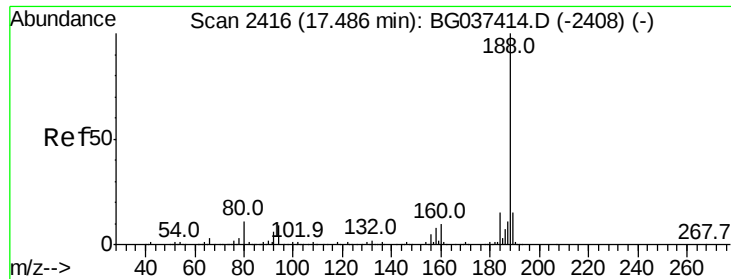
#45
 2-Fluorobiphenyl
 Concen: 59.470 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.01 min
 Lab File: BG037644.D
 Acq: 30 Oct 2018 4:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

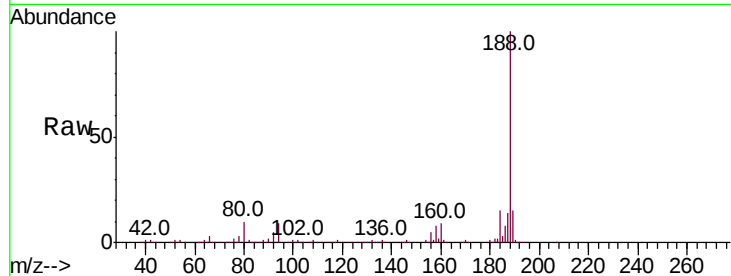
Tot Ion:188 Resp: 402657

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

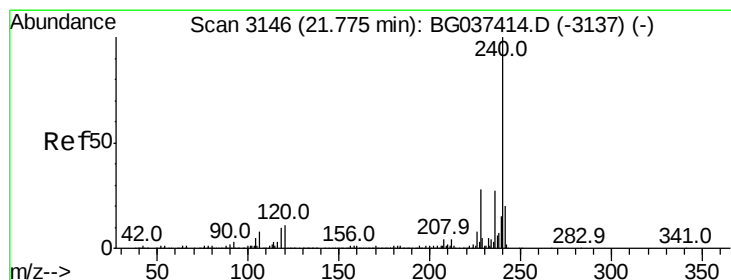
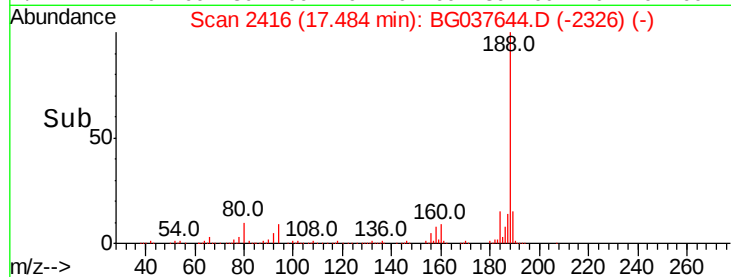
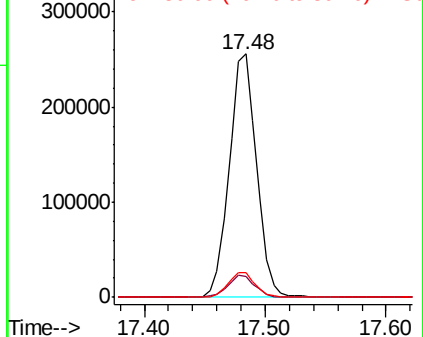
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

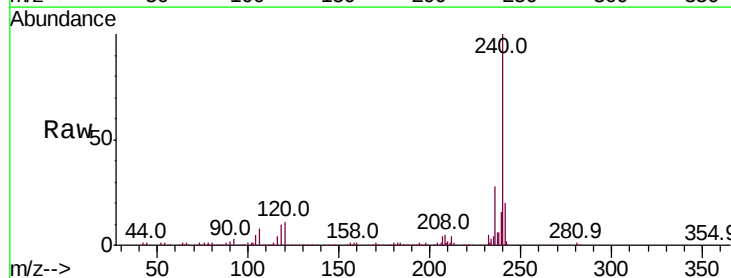
Tgt Ion:240 Resp: 373961

Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

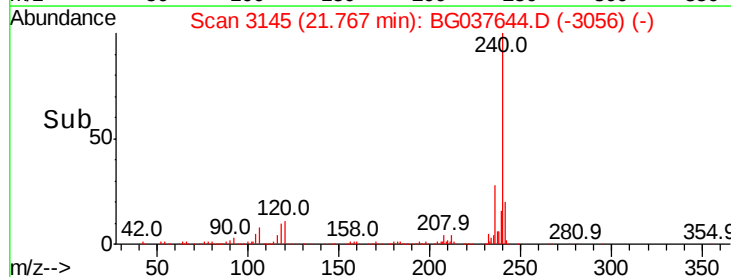
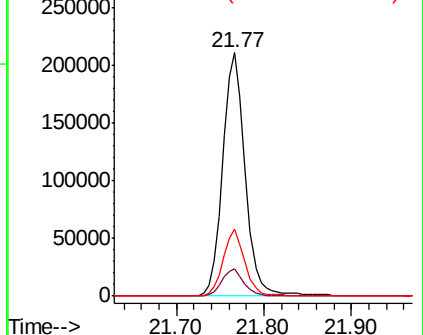
236 27.7 21.4 32.0

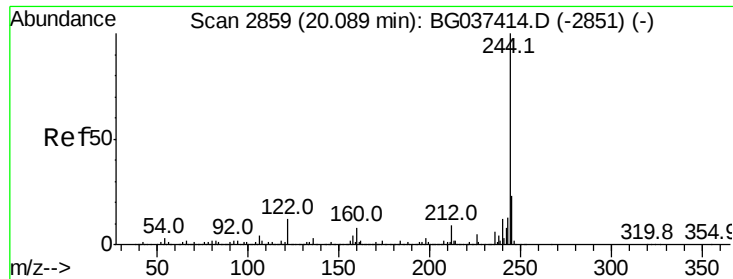


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.639 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BG037644.D

Acq: 30 Oct 2018 4:55

Instrument :

BNA_G

ClientSampleId :

PB114248BL

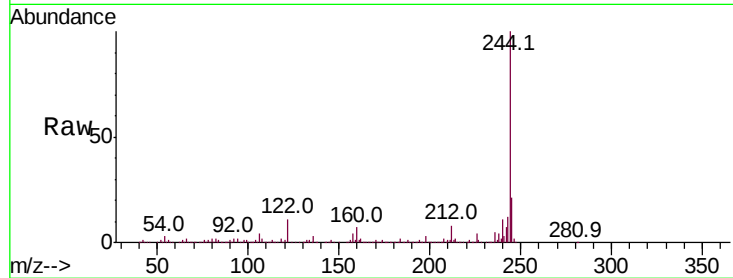
Tot Ion:244 Resp: 1026262

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	11.0	9.0	13.4

244 100

212 7.9 6.5 9.7

122 11.0 9.0 13.4

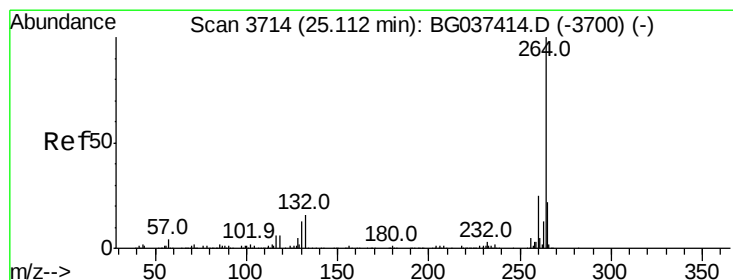
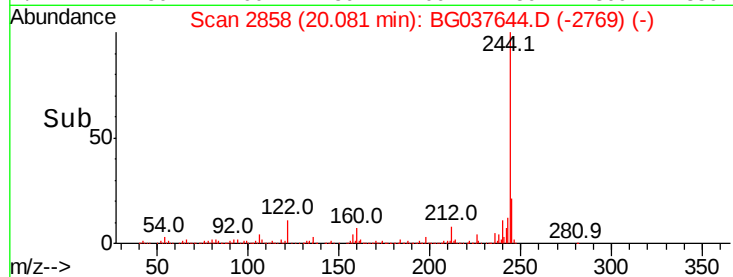
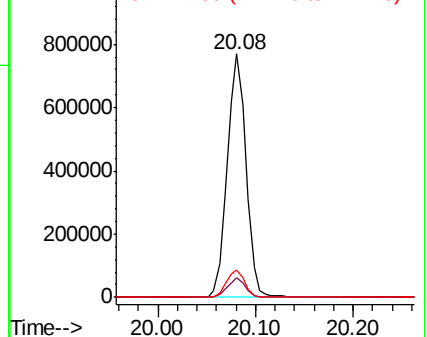


Abundance

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: BG037644.D

Acq: 30 Oct 2018 4:55

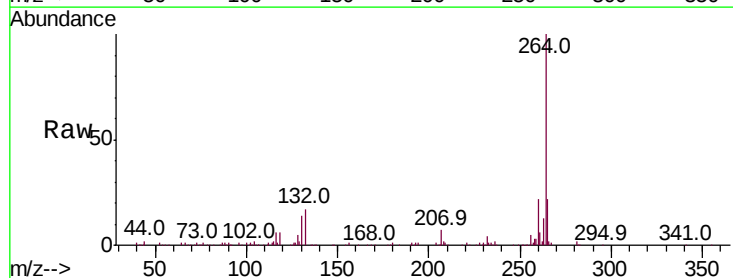
Tgt Ion:264 Resp: 356829

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.2	27.4
265	21.6	17.9	26.9

264 100

260 21.9 18.2 27.4

265 21.6 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

