

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100918\
 Data File : BG037238.D
 Acq On : 10 Oct 2018 4:35
 Operator : JU/SJ
 Sample : PB113678TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113678TB

Quant Time: Oct 10 07:07:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 10 06:57:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	34124	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	136037	20.00	ng	0.00
38) Acenaphthene-d10	14.59	164	89557	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	259261	20.00	ng	0.00
75) Chrysene-d12	21.58	240	293335	20.00	ng	0.00
86) Perylene-d12	24.72	264	286909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	231859	130.31	ng	0.00
7) Phenol-d6	7.11	99	302651	109.94	ng	0.00
23) Nitrobenzene-d5	9.11	82	187170	73.68	ng	0.00
41) 2,4,6-Tribromophenol	16.09	330	25768	24.05	ng	0.01
44) 2-Fluorobiphenyl	13.21	172	443579	73.77	ng	0.00
78) Terphenyl-d14	19.94	244	969656	86.92	ng	0.00

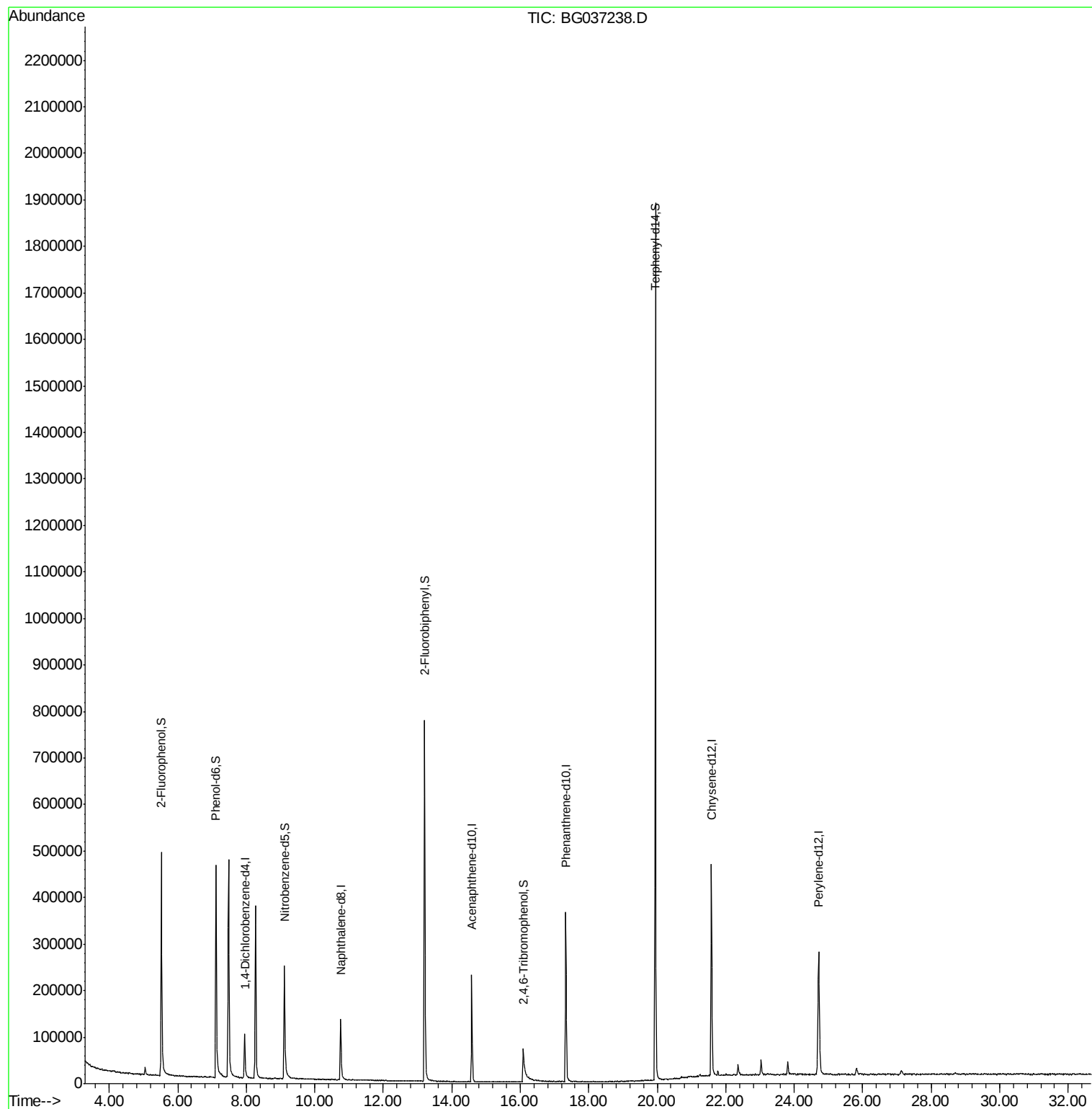
Target Compounds	Qvalue
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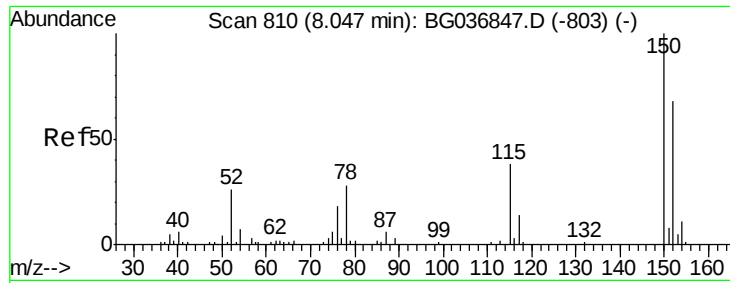
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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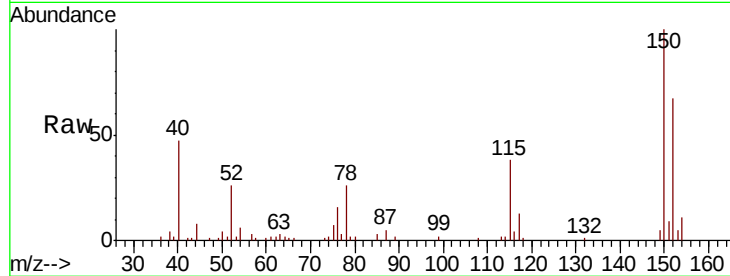


#1

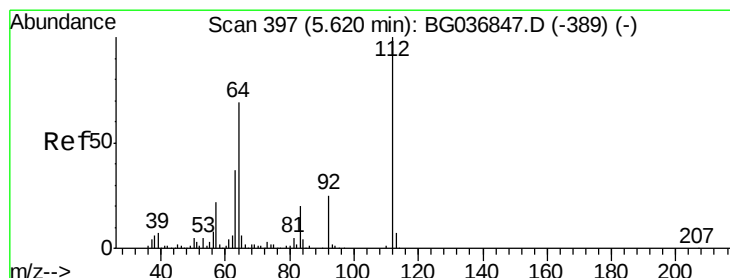
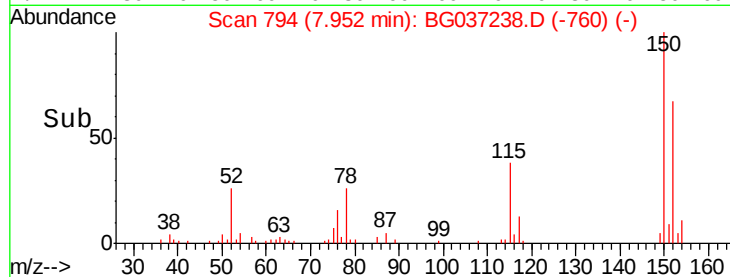
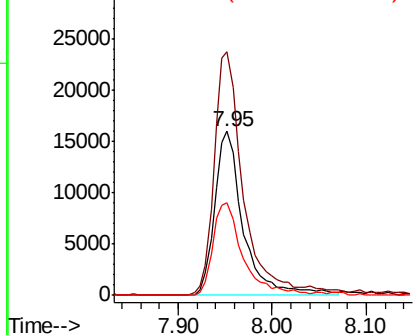
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG037238.D
Acq: 10 Oct 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB113678TB

Tgt Ion:152 Resp: 34124
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 56.4 44.5 66.7



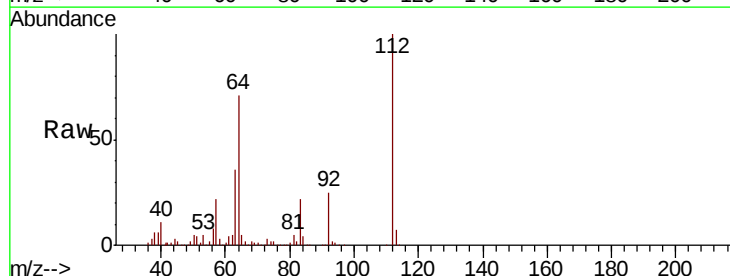
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



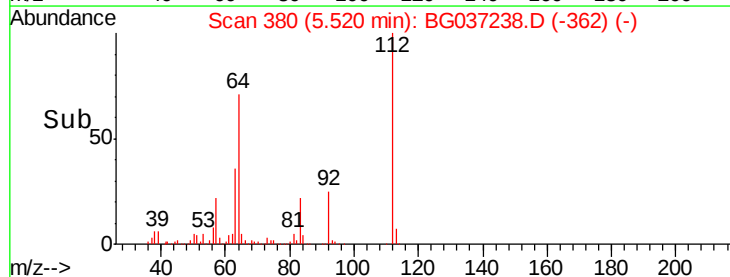
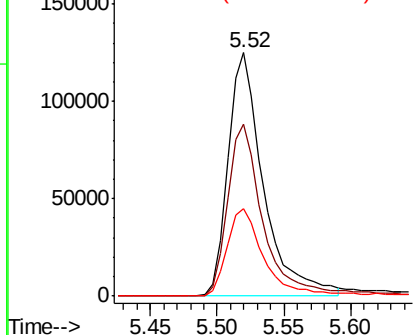
#5

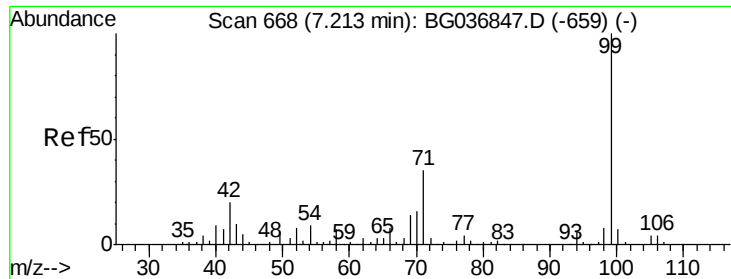
2-Fluorophenol
Concen: 130.306 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.00 min
Lab File: BG037238.D
Acq: 10 Oct 2018 4:35

Tgt Ion:112 Resp: 231859
Ion Ratio Lower Upper
112 100
64 70.6 57.2 85.8
63 36.1 30.8 46.2



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: 109.937 ng

RT: 7.11 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG037238.D

Acq: 10 Oct 2018 4:35

Instrument :

BNA_G

ClientSampleId :

PB113678TB

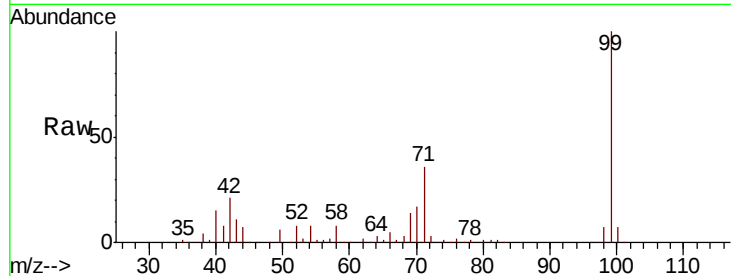
Tgt Ion: 99 Resp: 302651

Ion Ratio Lower Upper

99 100

42 21.1 16.5 24.7

71 36.0 29.4 44.2

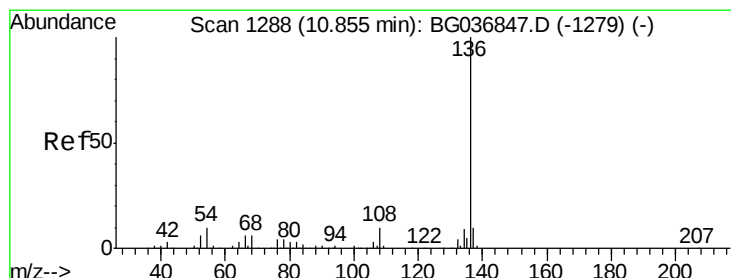
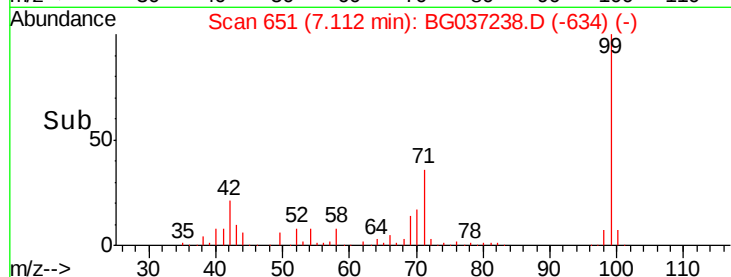
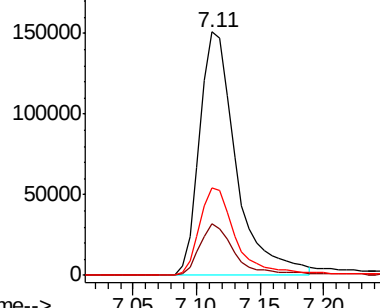


Abundance

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: 10.75 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG037238.D

Acq: 10 Oct 2018 4:35

Tgt Ion: 136 Resp: 136037

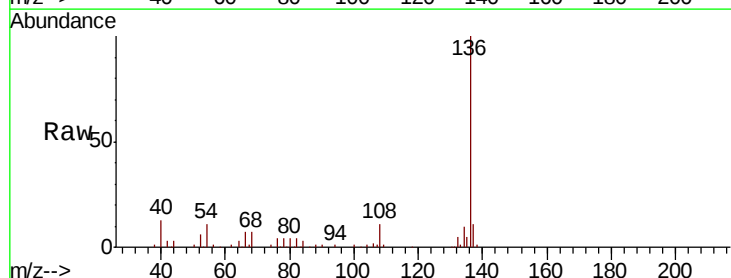
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 11.1 9.2 13.8

68 7.1 5.8 8.6



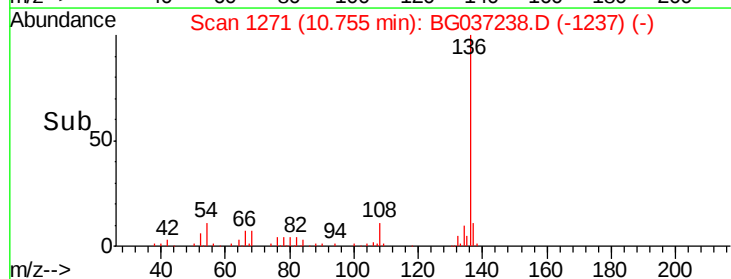
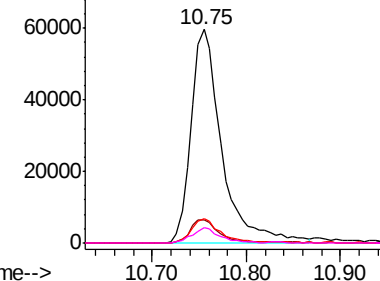
Abundance

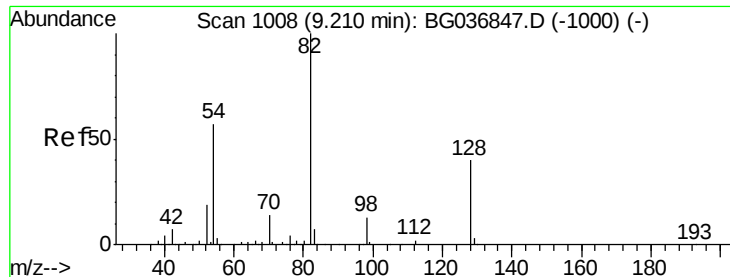
Ion 136.00 (135.70 to 136.70): BGC

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

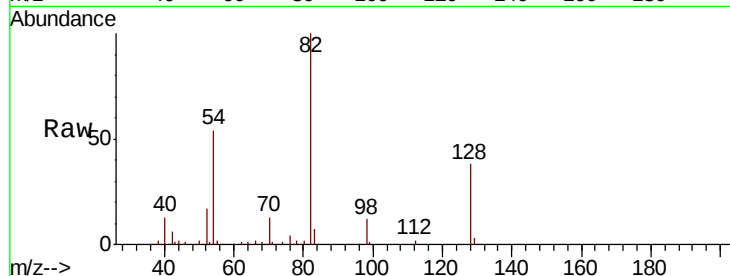




#23
 Nitrobenzene-d5
 Concen: 73.680 ng
 RT: 9.11 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: BG037238.D
 Acq: 10 Oct 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB113678TB

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.3	33.3	49.9
54	54.0	45.1	67.7

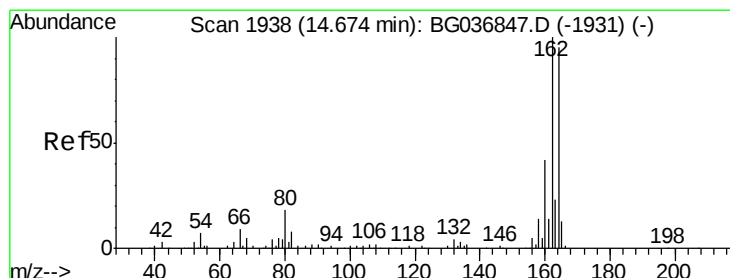
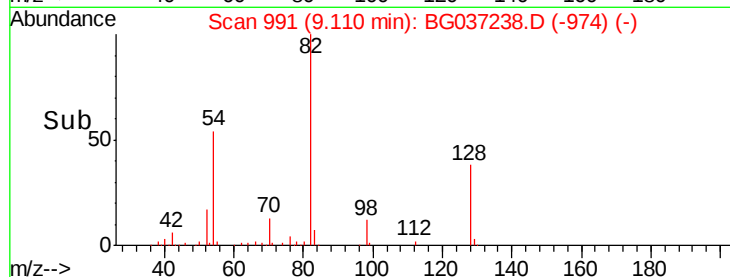
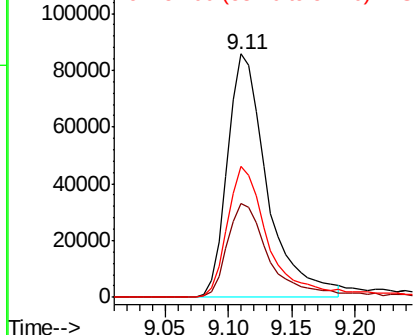


Abundance

Ion 82.00 (81.70 to 82.70): BGC

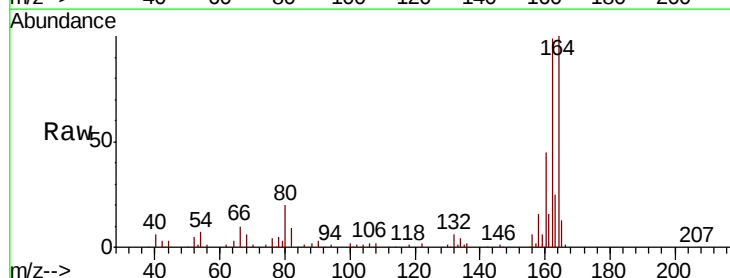
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: BG037238.D
 Acq: 10 Oct 2018 4:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.7	121.1
160	45.0	35.3	52.9

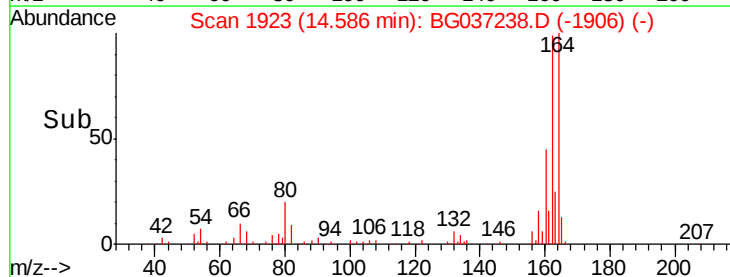
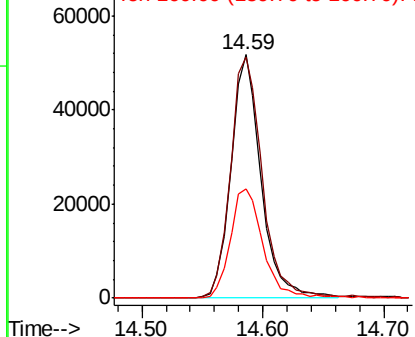


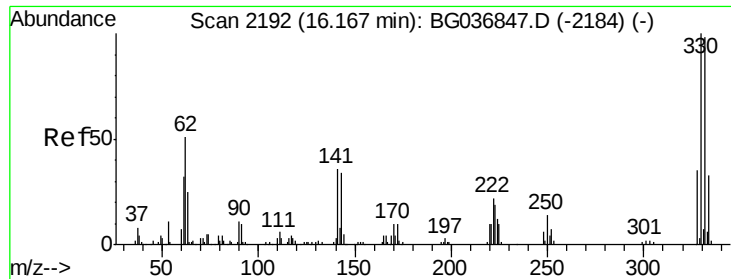
Abundance

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

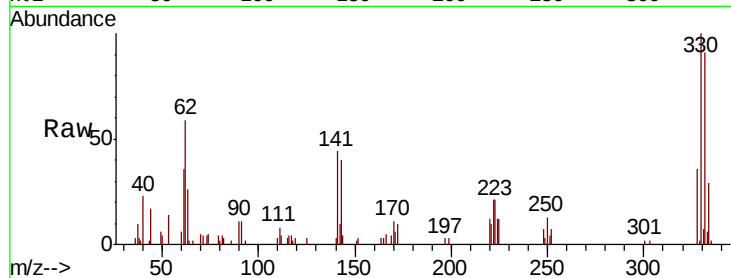




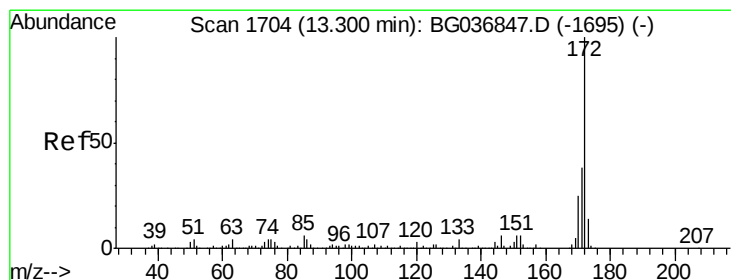
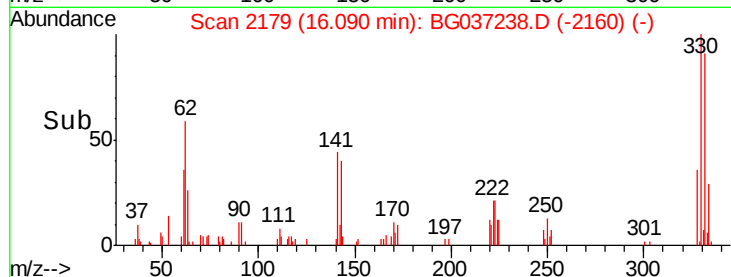
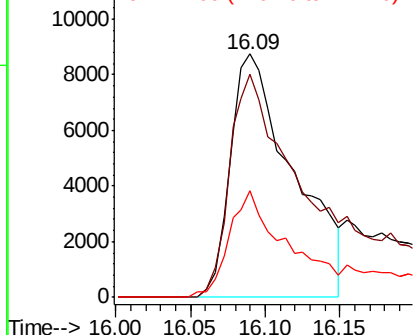
#41
 2,4,6-Tribromophenol
 Concen: 24.049 ng
 RT: 16.09 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: BG037238.D
 Acq: 10 Oct 2018 4:35

Instrument :
 BNA_G
 ClientSampleId :
 PB113678TB

Tgt Ion: 330 Resp: 25768
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.4 113.2
 141 40.7 30.7 46.1

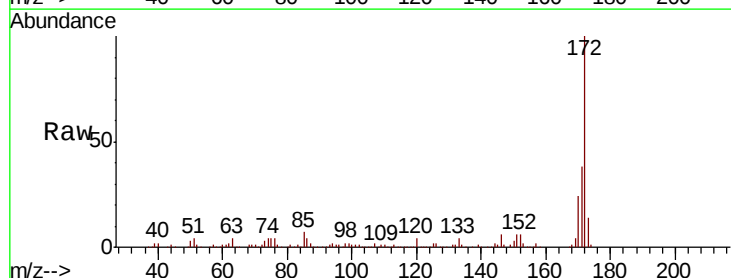


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

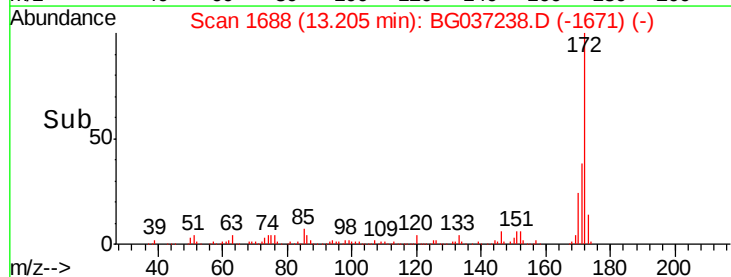
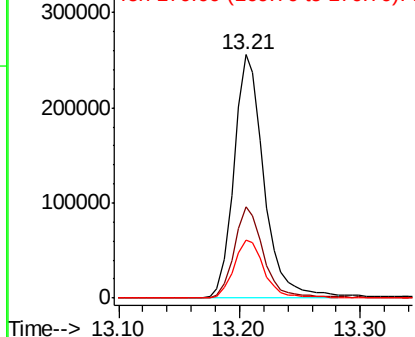


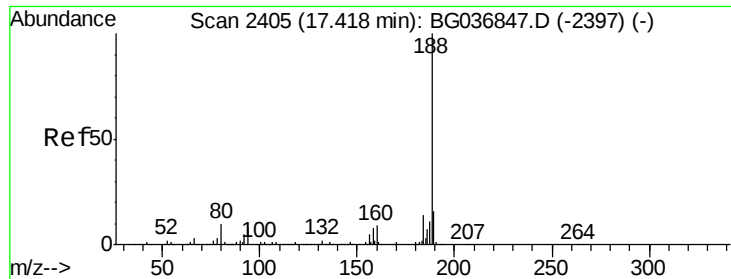
#44
 2-Fluorobiphenyl
 Concen: 73.770 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BG037238.D
 Acq: 10 Oct 2018 4:35

Tgt Ion: 172 Resp: 443579
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.3 46.9
 170 23.6 21.0 31.6



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

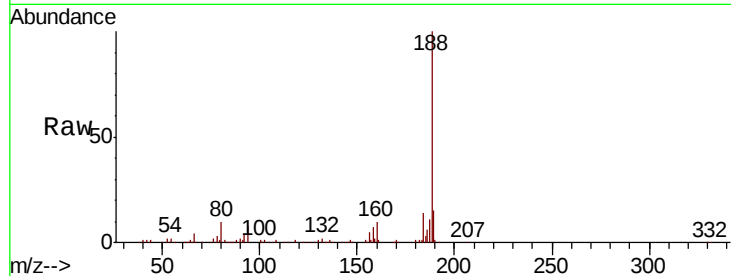




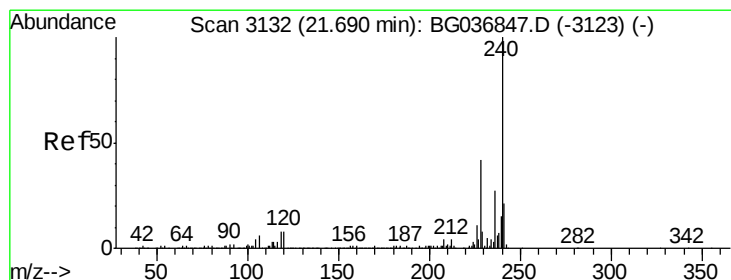
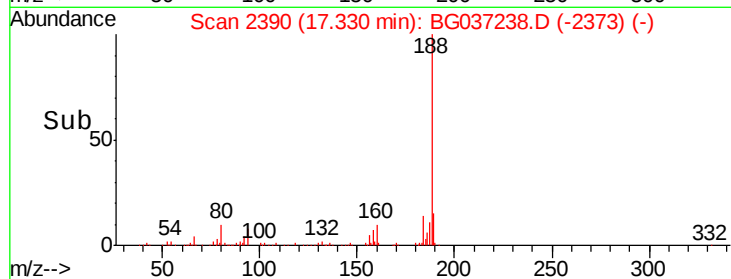
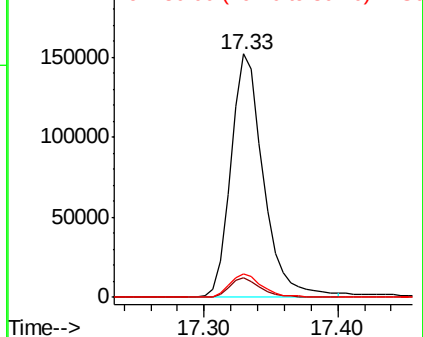
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BG037238.D
Acq: 10 Oct 2018 4:35

Instrument :
BNA_G
ClientSampleId :
PB113678TB

Tgt Ion:188 Resp: 259261
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 9.8 8.1 12.1

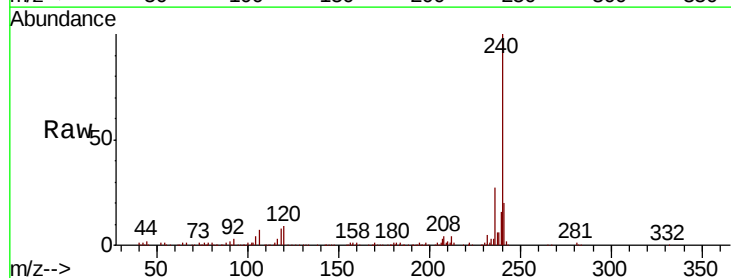


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

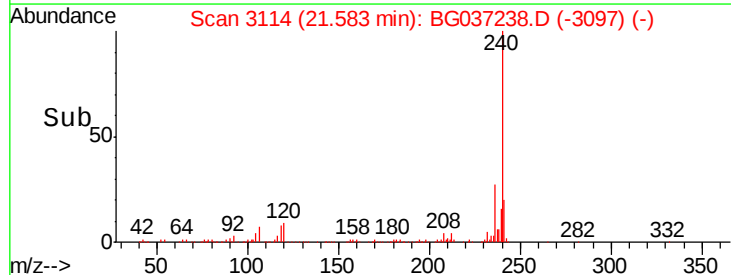
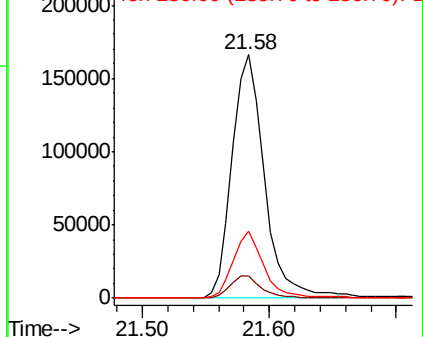


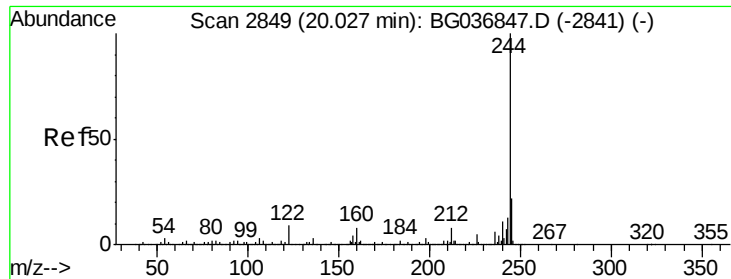
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG037238.D
Acq: 10 Oct 2018 4:35

Tgt Ion:240 Resp: 293335
Ion Ratio Lower Upper
240 100
120 9.2 6.9 10.3
236 27.3 21.2 31.8



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





#78

Terphenyl-d14

Concen: 86.921 ng

RT: 19.94 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BG037238.D

Acq: 10 Oct 2018 4:35

Instrument :

BNA_G

ClientSampleId :

PB113678TB

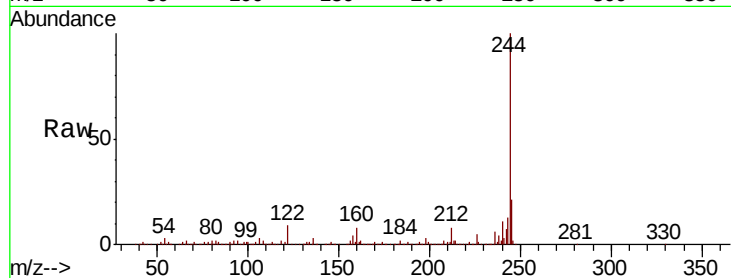
Tgt Ion:244 Resp: 969656

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.6

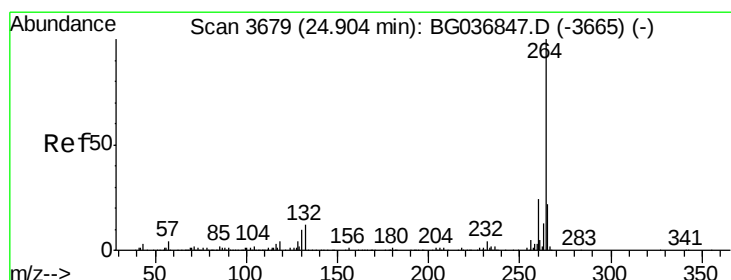
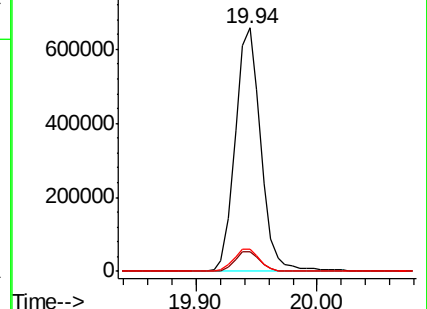
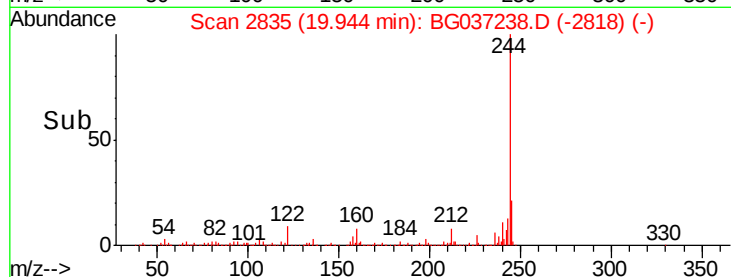
122 9.2 7.1 10.7



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.72 min Scan# 3647

Delta R.T. -0.00 min

Lab File: BG037238.D

Acq: 10 Oct 2018 4:35

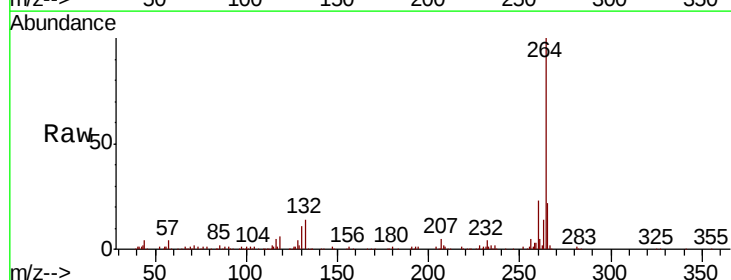
Tgt Ion:264 Resp: 286909

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.6 17.4 26.0



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

