

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037237.D
 Acq On : 10 Oct 2018 3:56
 Operator : JU/SJ
 Sample : PB113678BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Quant Time: Oct 10 07:07:32 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	36780	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	155946	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	103190	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	274200	20.00	ng	0.00
75) Chrysene-d12	21.58	240	302020	20.00	ng	0.00
86) Perylene-d12	24.71	264	293160	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	238481	124.35	ng	0.00
7) Phenol-d6	7.12	99	316721	106.74	ng	0.00
23) Nitrobenzene-d5	9.11	82	194385	66.75	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	18473	14.96	ng	0.02
44) 2-Fluorobiphenyl	13.21	172	473452	68.34	ng	0.00
78) Terphenyl-d14	19.94	244	918601	79.98	ng	0.00

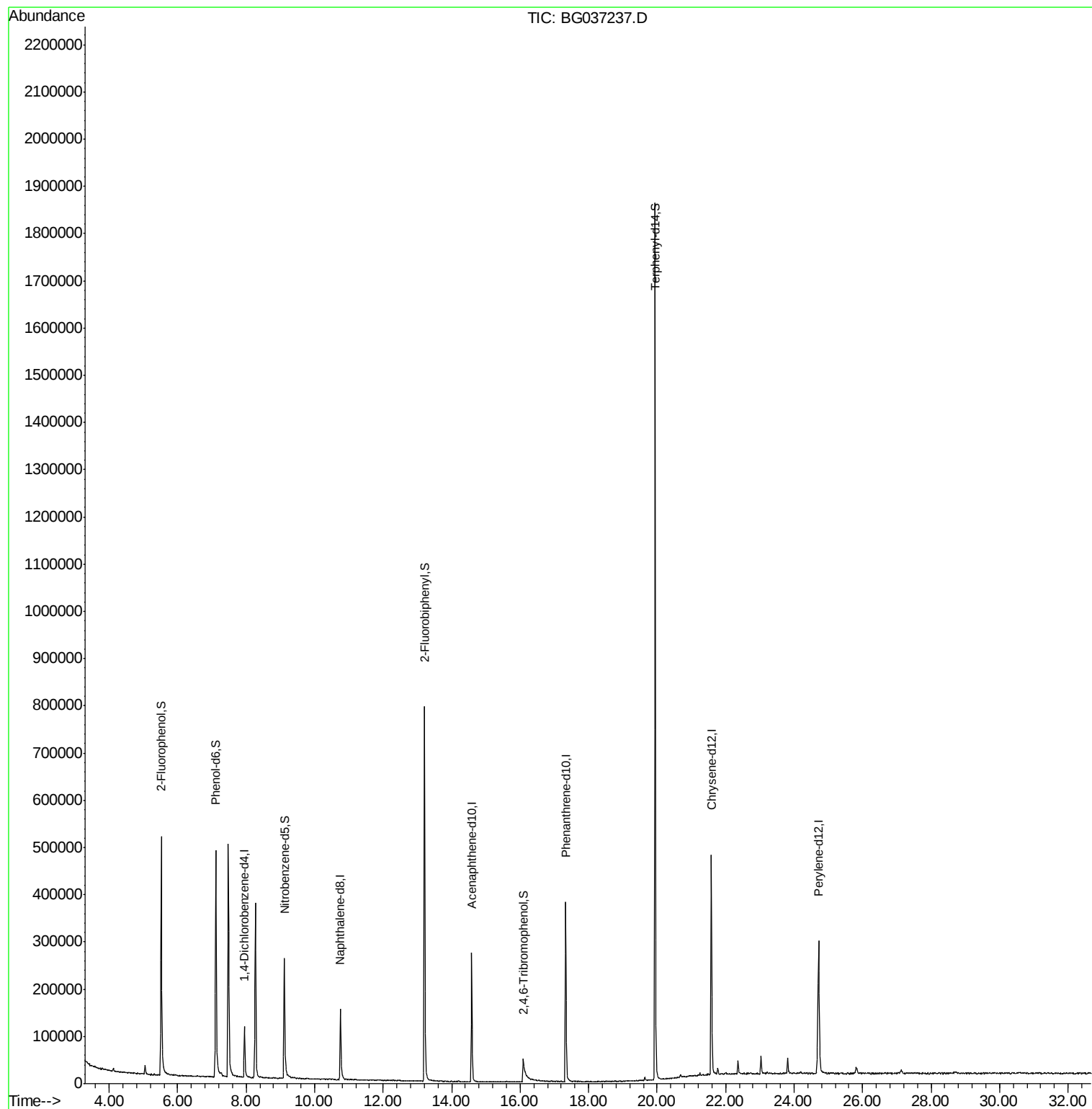
Target Compounds Qvalue

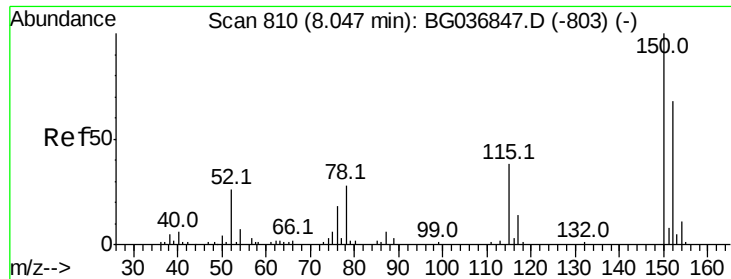
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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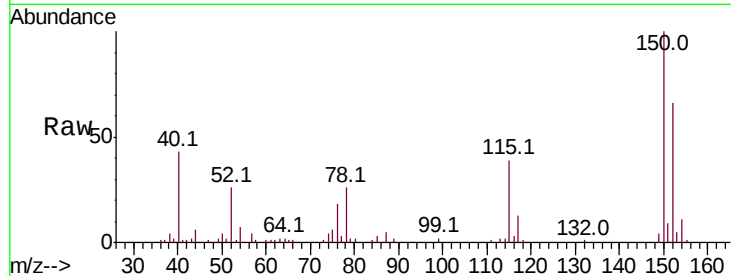


#1

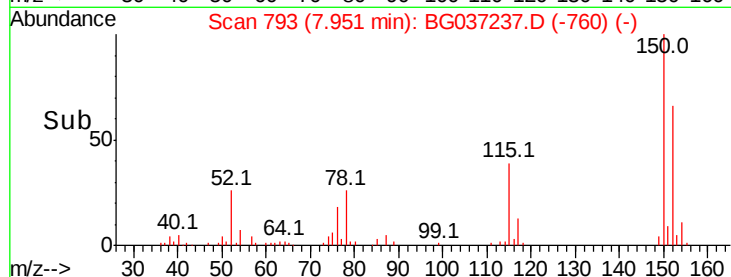
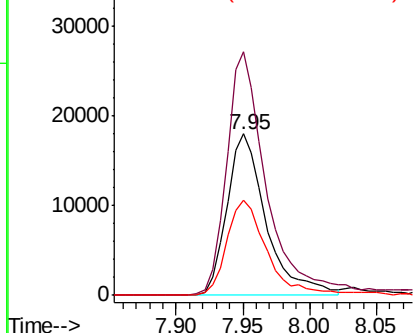
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.5	179.3
115	59.3	44.5	66.7



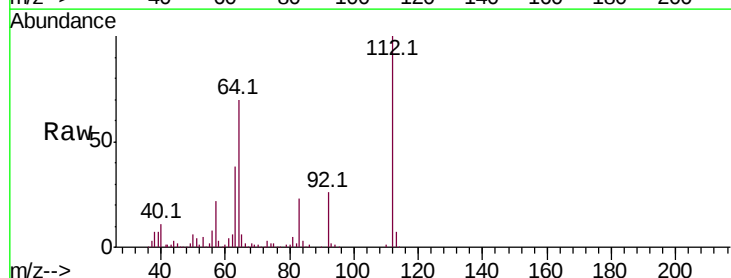
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



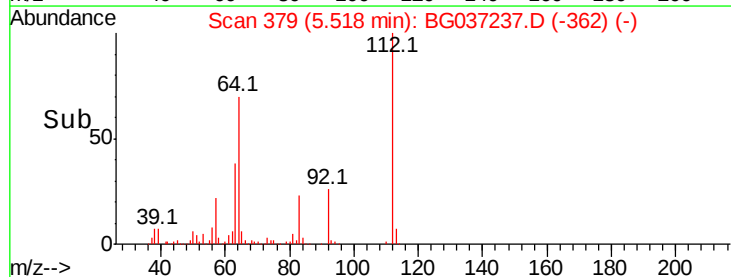
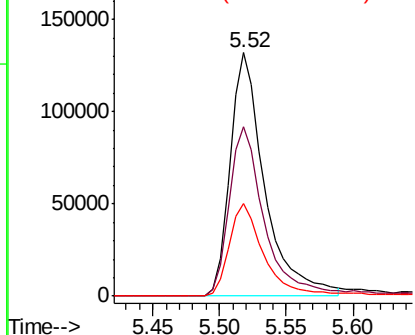
#5

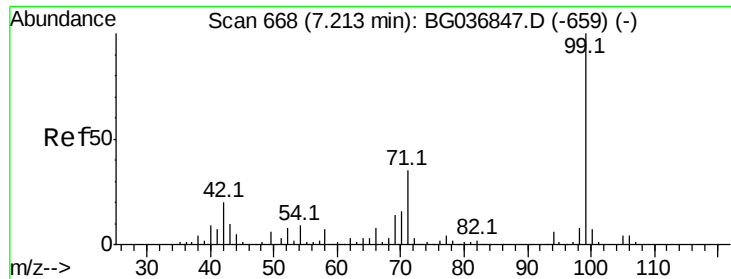
2-Fluorophenol
 Concen: 124.349 ng
 RT: 5.52 min Scan# 379
 Delta R.T. 0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.2	85.8
63	37.9	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: 106.740 ng

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037237.D

Acq: 10 Oct 2018 3:56

Instrument :

BNA_G

ClientSampleId :

PB113678BL

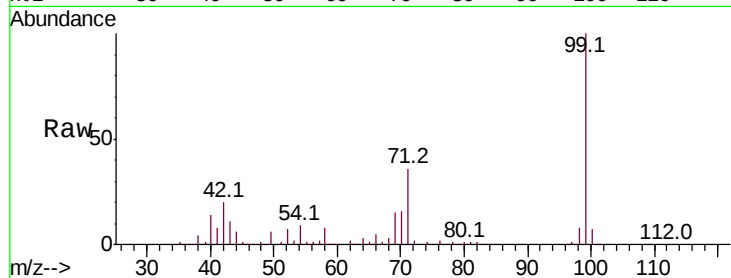
Tot Ion: 99 Resp: 316721

Ion Ratio Lower Upper

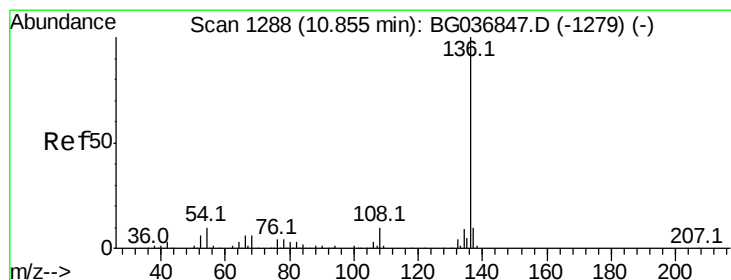
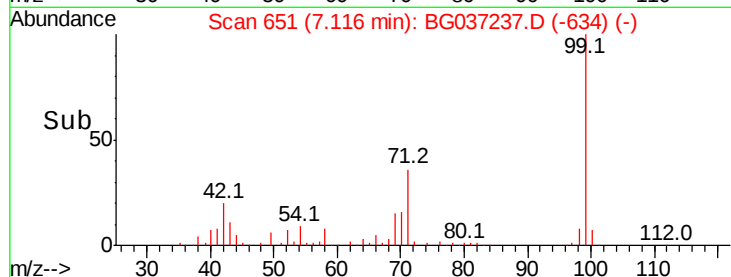
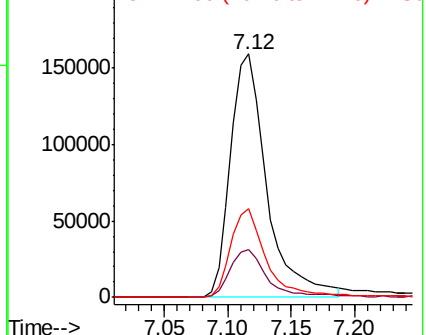
99 100

42 19.7 16.5 24.7

71 36.3 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# 1270

Delta R.T. -0.00 min

Lab File: BG037237.D

Acq: 10 Oct 2018 3:56

Tgt Ion: 136 Resp: 155946

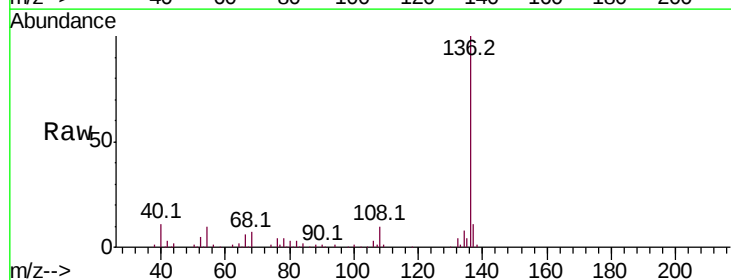
Ion Ratio Lower Upper

136 100

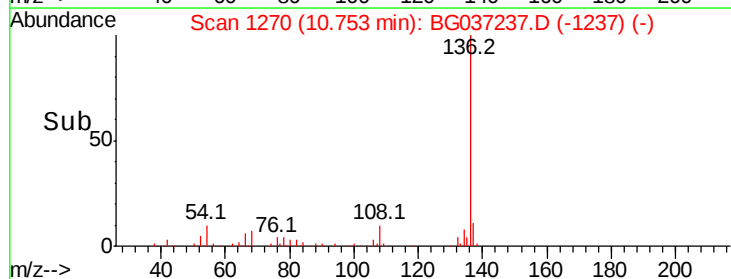
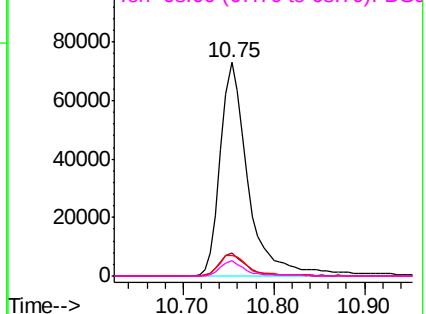
137 10.5 8.8 13.2

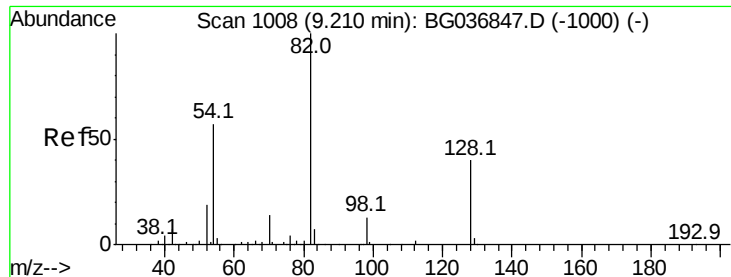
54 9.9 9.2 13.8

68 7.1 5.8 8.6



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

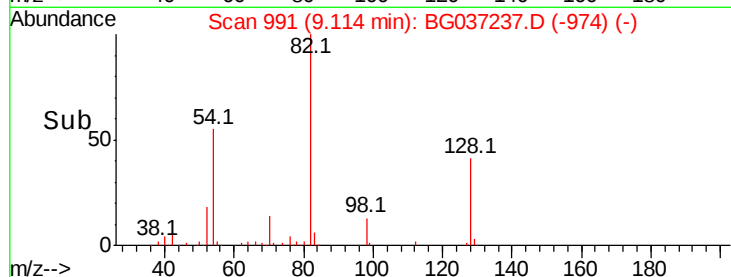
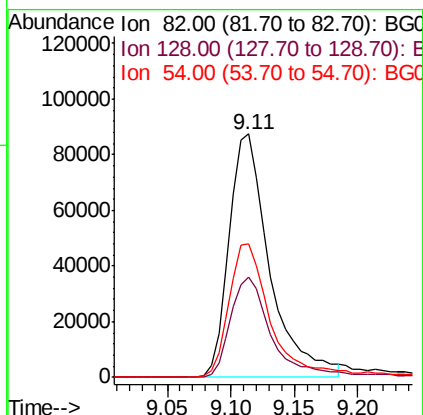
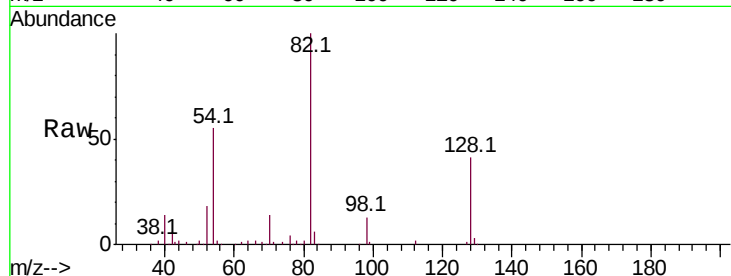




#23
 Nitrobenzene-d5
 Concen: 66.751 ng
 RT: 9.11 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

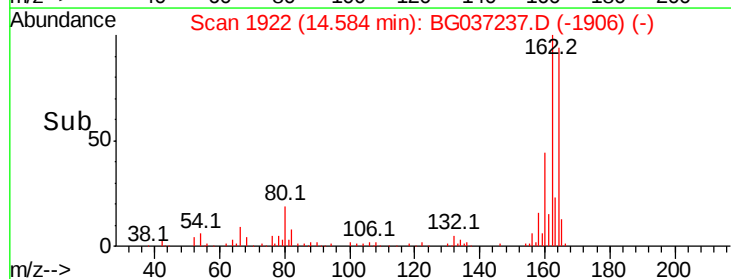
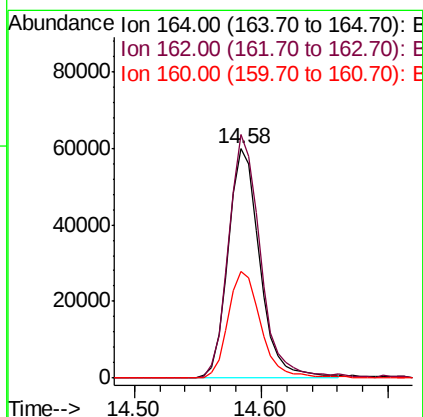
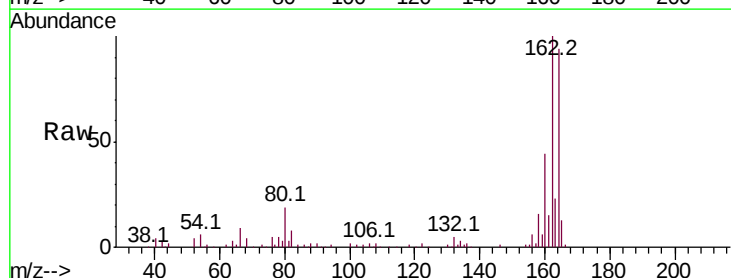
Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.3	33.3	49.9
54	54.9	45.1	67.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.58 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.7	121.1
160	46.8	35.3	52.9

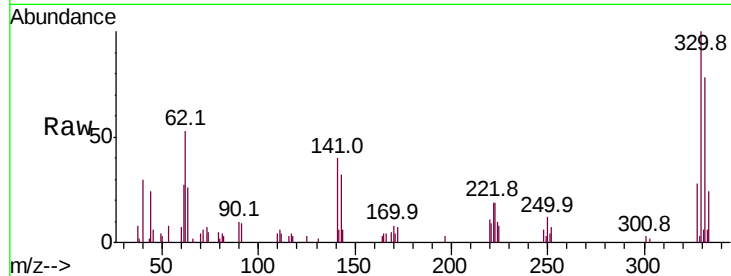




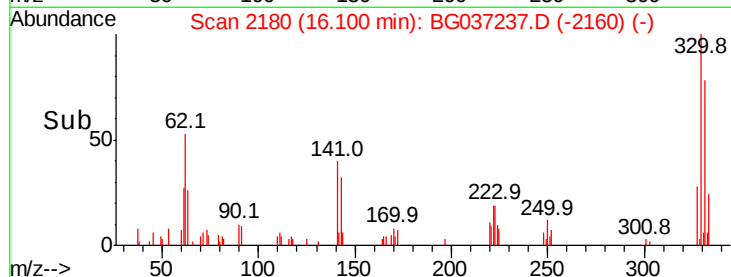
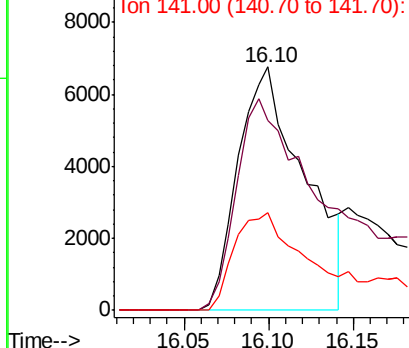
#41
 2,4,6-Tribromophenol
 Concen: 14.963 ng
 RT: 16.10 min Scan# 2180
 Delta R.T. 0.02 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Tot Ion:330 Resp: 18473
 Ion Ratio Lower Upper
 330 100
 332 103.0 75.4 113.2
 141 45.0 30.7 46.1

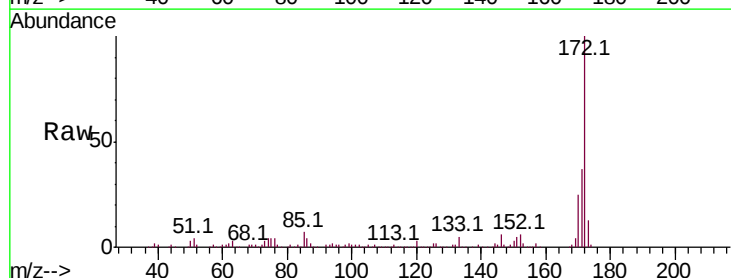


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

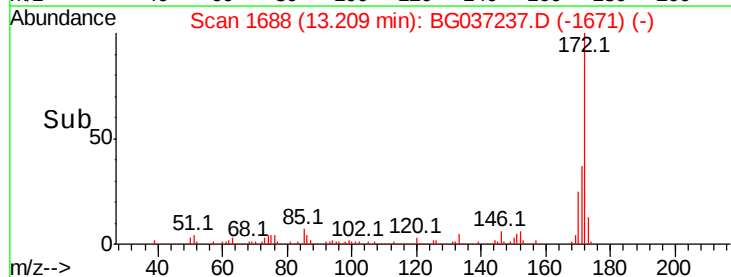
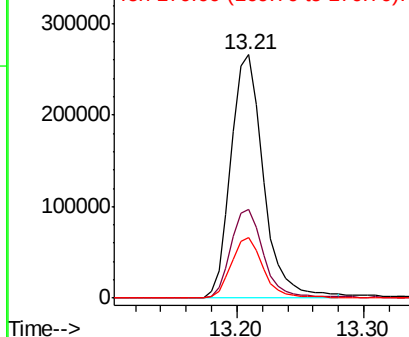


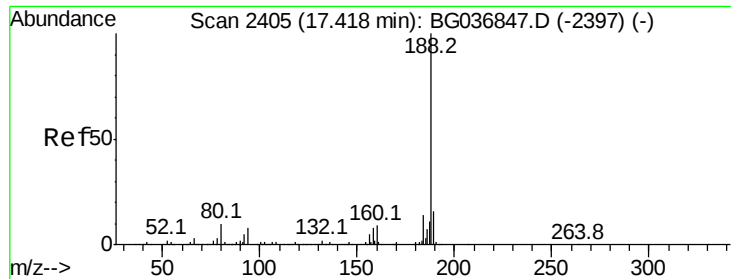
#44
 2-Fluorobiphenyl
 Concen: 68.336 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Tgt Ion:172 Resp: 473452
 Ion Ratio Lower Upper
 172 100
 171 36.5 31.3 46.9
 170 24.6 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

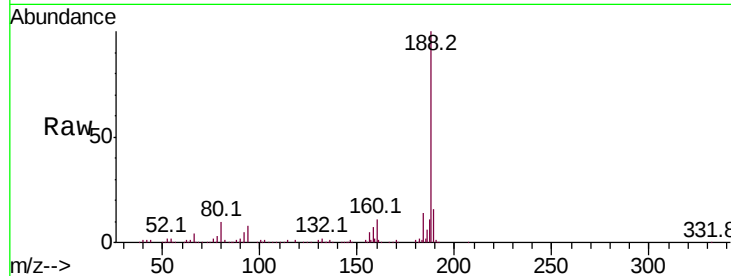




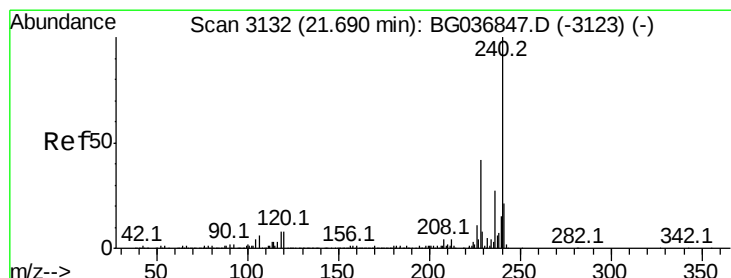
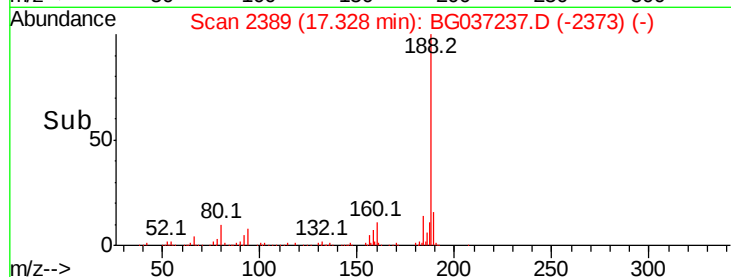
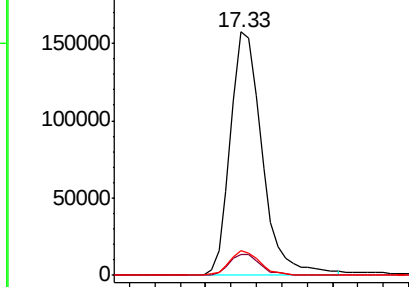
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG037237.D
Acq: 10 Oct 2018 3:56

Instrument :
BNA_G
ClientSampleId :
PB113678BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.7	10.1
80	10.0	8.1	12.1

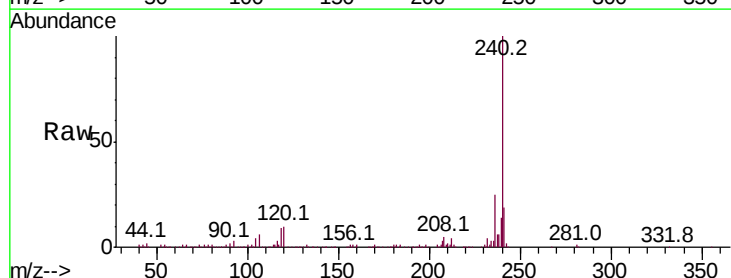


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

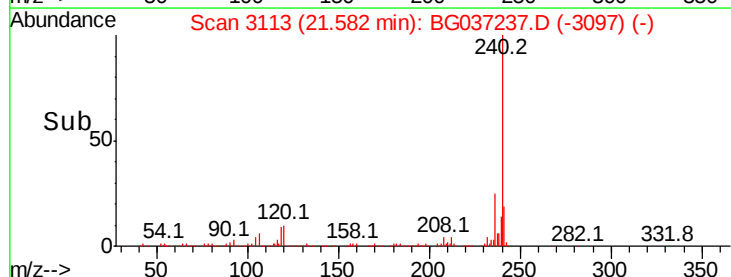
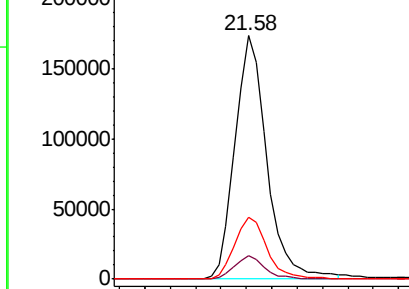


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BG037237.D
Acq: 10 Oct 2018 3:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.9	10.3
236	25.5	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

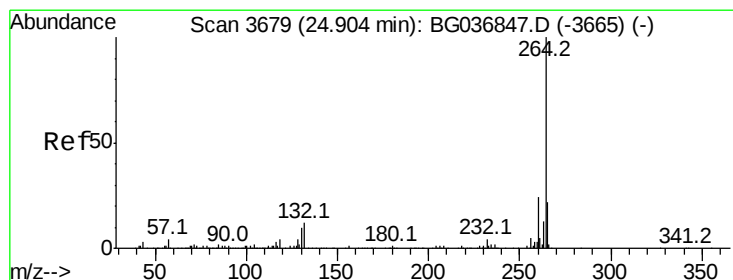
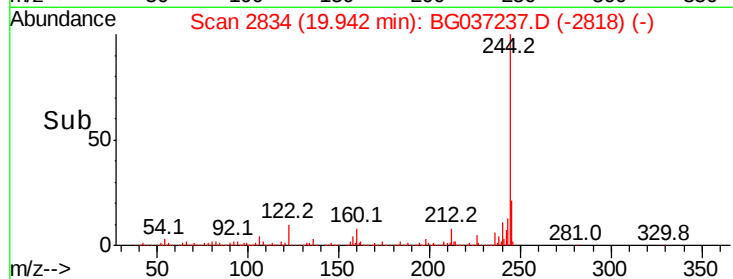
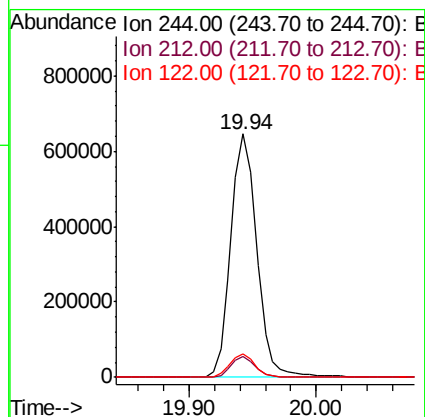
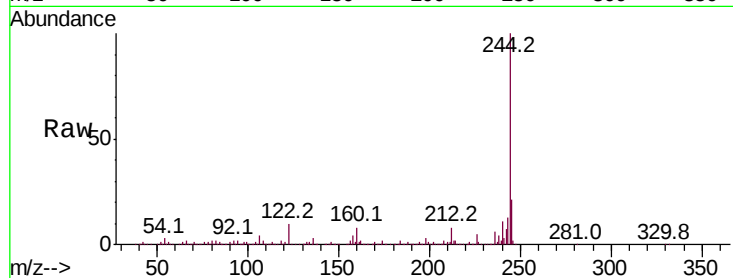




#78
 Terphenyl-d14
 Concen: 79.977 ng
 RT: 19.94 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Instrument :
 BNA_G
 ClientSampleId :
 PB113678BL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.71 min Scan# 3646
 Delta R.T. -0.00 min
 Lab File: BG037237.D
 Acq: 10 Oct 2018 3:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	23.1	17.4	26.0

