

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100918\
 Data File : BG037227.D
 Acq On : 9 Oct 2018 21:25
 Operator : JU/SJ
 Sample : J5331-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM-STONE-DRUM-3

Quant Time: Oct 10 07:06:00 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	42182	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	167524	20.00	ng	0.00
38) Acenaphthene-d10	14.58	164	108189	20.00	ng	0.00
63) Phenanthrene-d10	17.33	188	269939	20.00	ng	0.00
75) Chrysene-d12	21.58	240	293871	20.00	ng	0.00
86) Perylene-d12	24.71	264	287965	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	268806	122.21	ng	0.00
7) Phenol-d6	7.12	99	332738	97.78	ng	0.00
23) Nitrobenzene-d5	9.11	82	271679	86.85	ng	0.00
41) 2,4,6-Tribromophenol	16.08	330	168682	130.32	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	594717	81.87	ng	0.00
78) Terphenyl-d14	19.94	244	1059002	94.76	ng	0.00

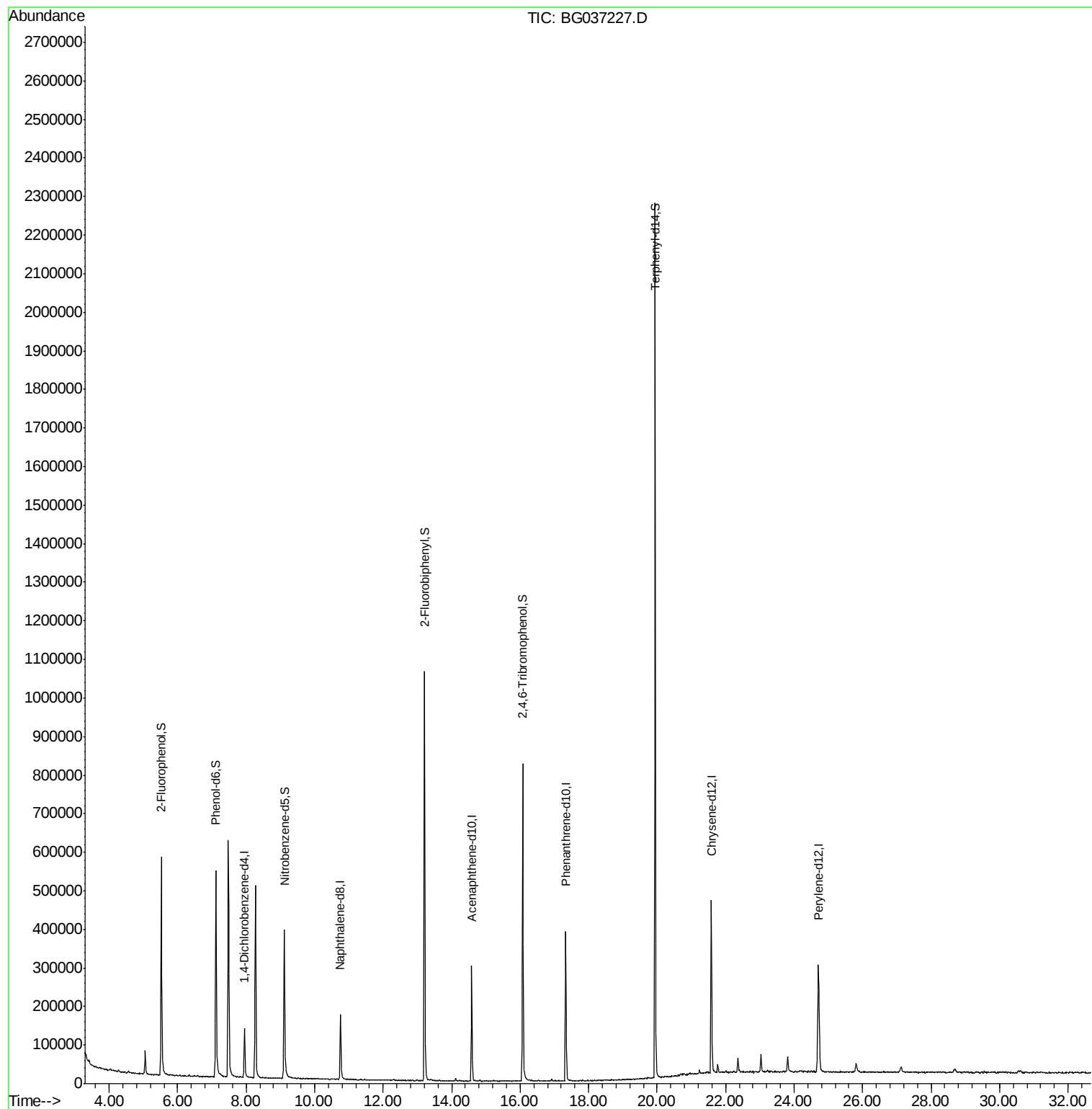
Target Compounds Qvalue

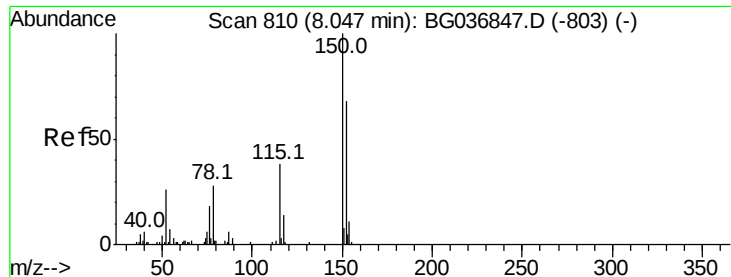
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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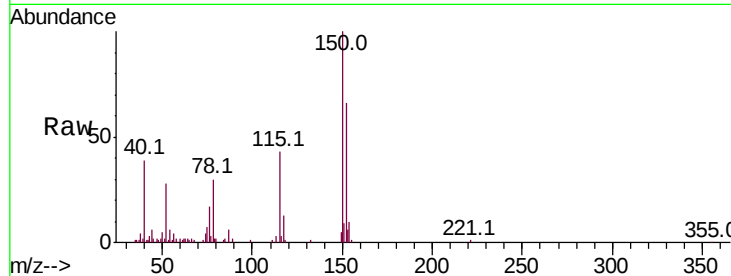


#1

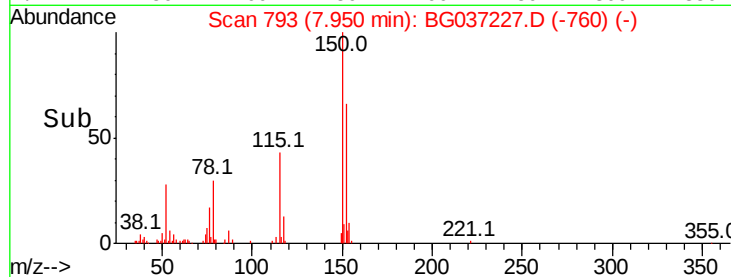
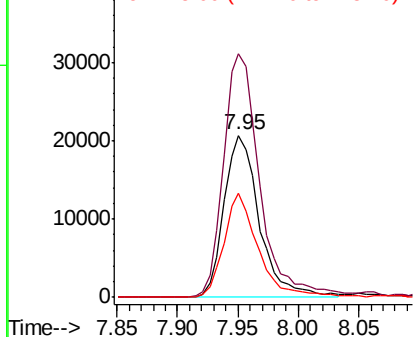
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.00 min
Lab File: BG037227.D
Acq: 9 Oct 2018 21:25

Instrument :
BNA_G
ClientSampleId :
NM-STONE-DRUM-3

Tot Ion:152 Resp: 42182
Ion Ratio Lower Upper
152 100
150 150.4 119.5 179.3
115 64.7 44.5 66.7



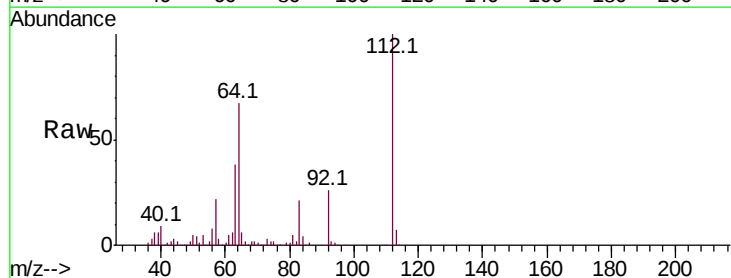
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



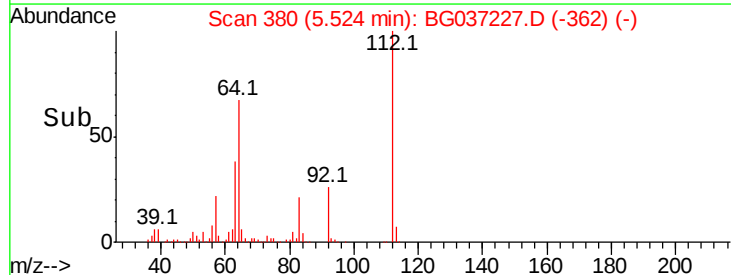
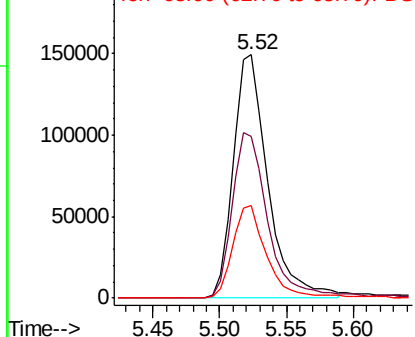
#5

2-Fluorophenol
Concen: 122.211 ng
RT: 5.52 min Scan# 380
Delta R.T. 0.01 min
Lab File: BG037227.D
Acq: 9 Oct 2018 21:25

Tgt Ion:112 Resp: 268806
Ion Ratio Lower Upper
112 100
64 66.6 57.2 85.8
63 38.2 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: 97.777 ng

RT: 7.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: BG037227.D

Acq: 9 Oct 2018 21:25

Instrument :

BNA_G

ClientSampleId :

NM-STONE-DRUM-3

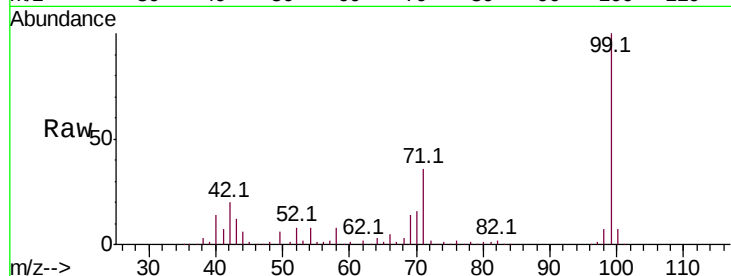
Tot Ion: 99 Resp: 332738

Ion Ratio Lower Upper

99 100

42 19.8 16.5 24.7

71 35.9 29.4 44.2

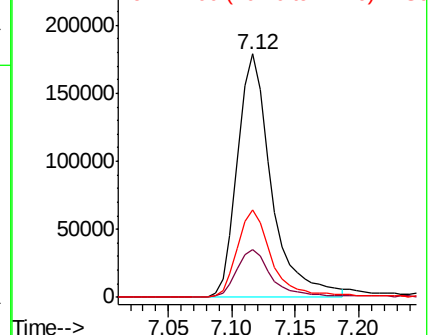
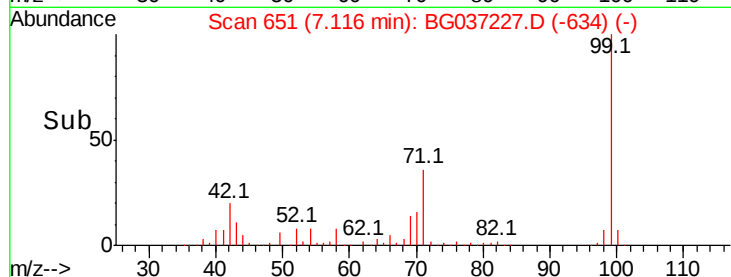


Abundance

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: BG037227.D

Acq: 9 Oct 2018 21:25

Tgt Ion: 136 Resp: 167524

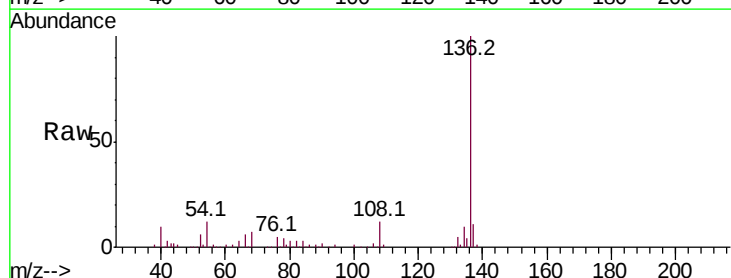
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.9 9.2 13.8

68 7.3 5.8 8.6



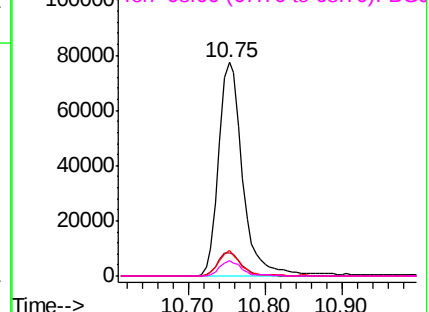
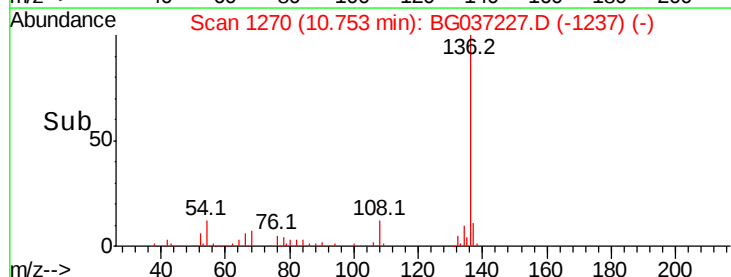
Abundance

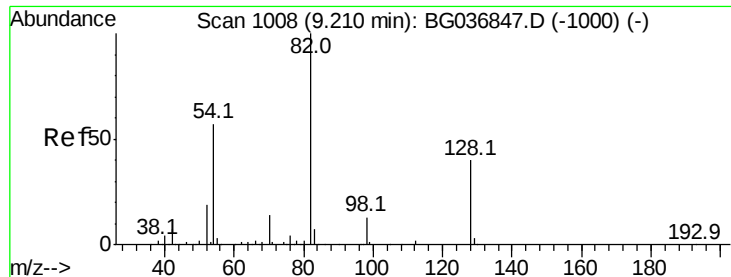
Ion 136.00 (135.70 to 136.70): BGC

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: 86.845 ng

RT: 9.11 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG037227.D

Acq: 9 Oct 2018 21:25

Instrument :

BNA_G

ClientSampleId :

NM-STONE-DRUM-3

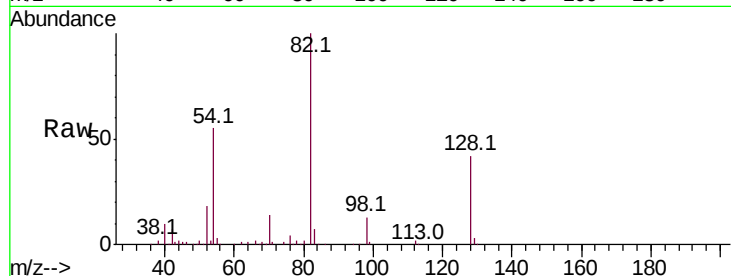
Tot Ion: 82 Resp: 271679

Ion Ratio Lower Upper

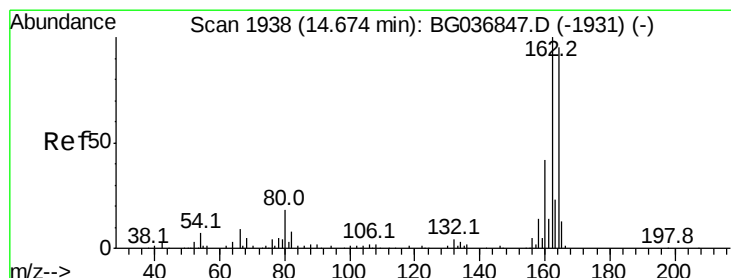
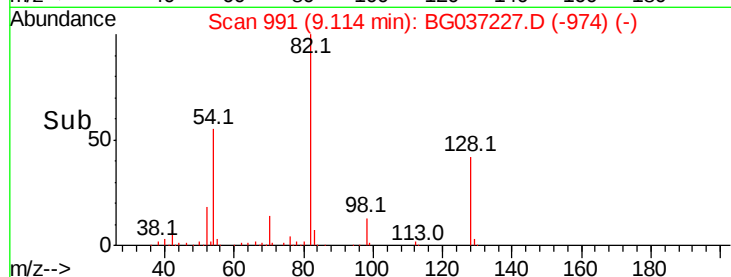
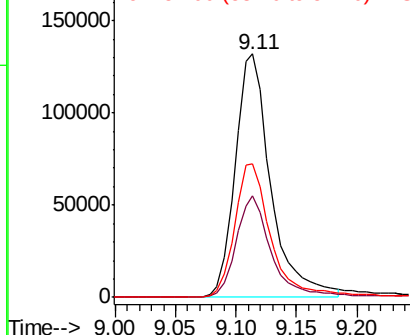
82 100

128 41.9 33.3 49.9

54 54.8 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: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG037227.D

Acq: 9 Oct 2018 21:25

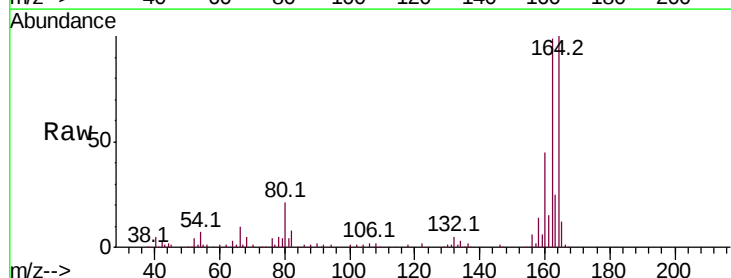
Tgt Ion:164 Resp: 108189

Ion Ratio Lower Upper

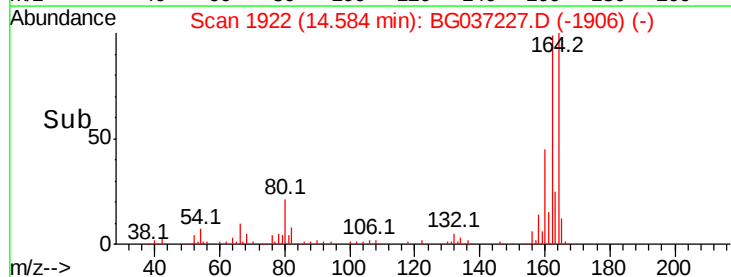
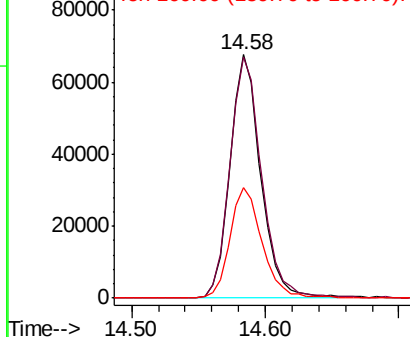
164 100

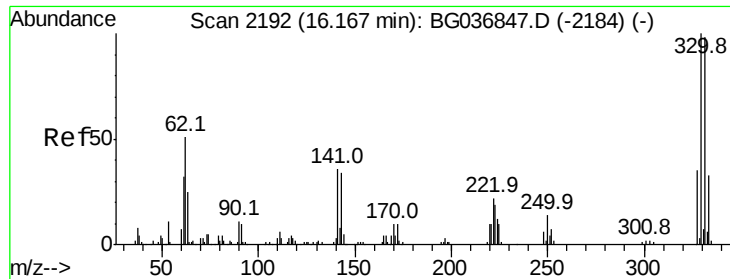
162 99.1 80.7 121.1

160 45.3 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

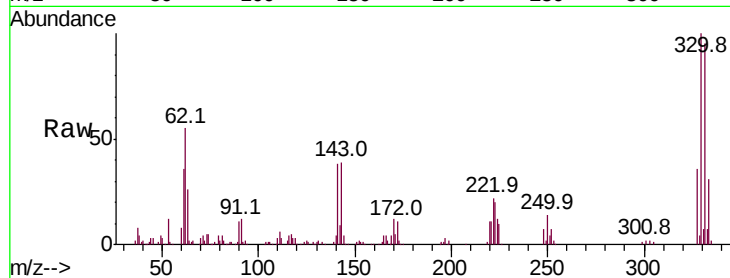




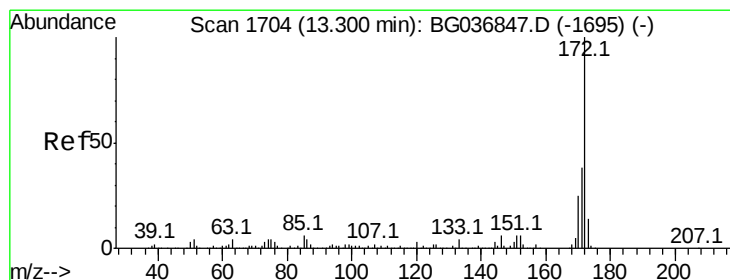
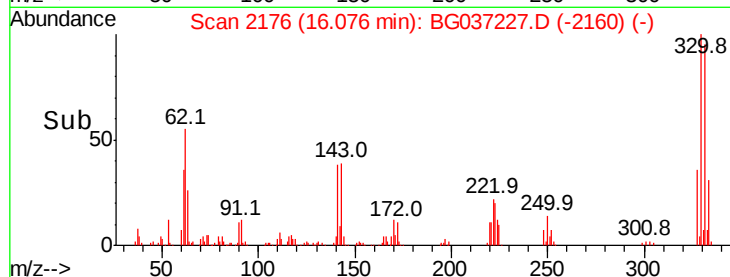
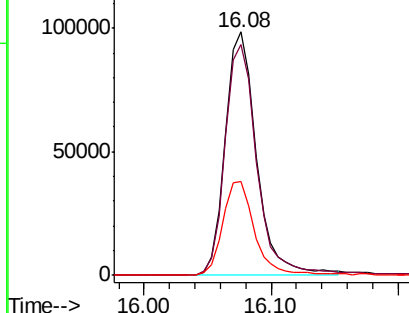
#41
 2,4,6-Tribromophenol
 Concen: 130.315 ng
 RT: 16.08 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG037227.D
 Acq: 9 Oct 2018 21:25

Instrument :
 BNA_G
 ClientSampleId :
 NM-STONE-DRUM-3

Tot Ion:330 Resp: 168682
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.4 113.2
 141 39.4 30.7 46.1

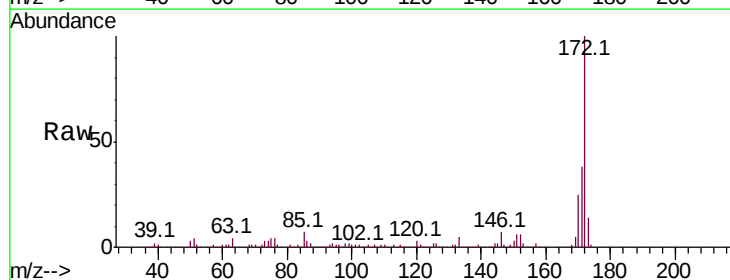


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

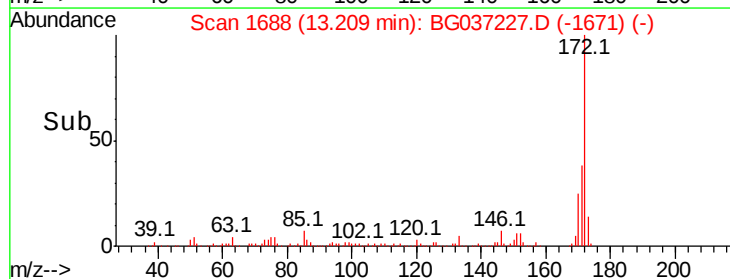
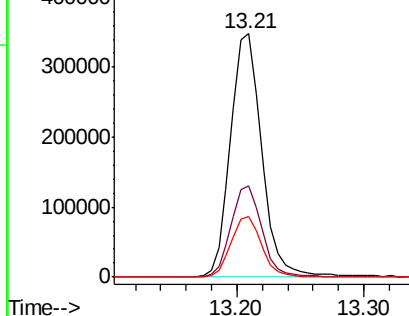


#44
 2-Fluorobiphenyl
 Concen: 81.872 ng
 RT: 13.21 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG037227.D
 Acq: 9 Oct 2018 21:25

Tgt Ion:172 Resp: 594717
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 24.9 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

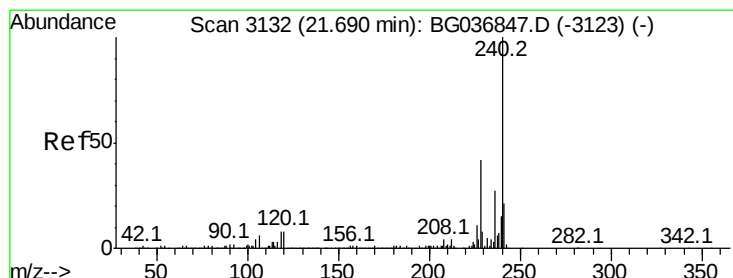
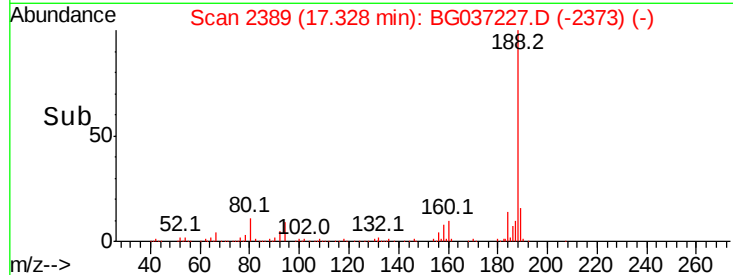
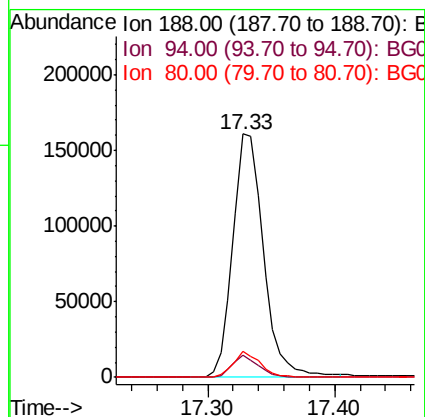
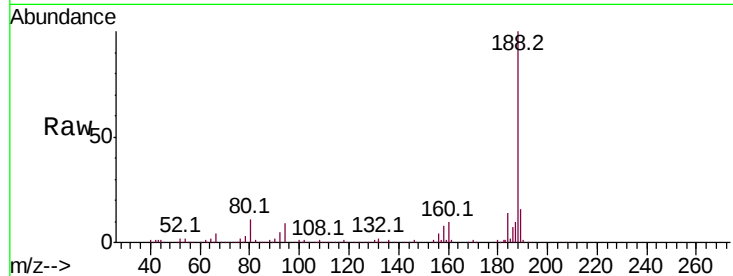




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.33 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG037227.D
Acq: 9 Oct 2018 21:25

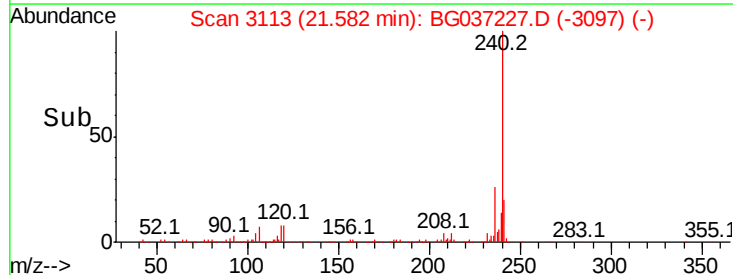
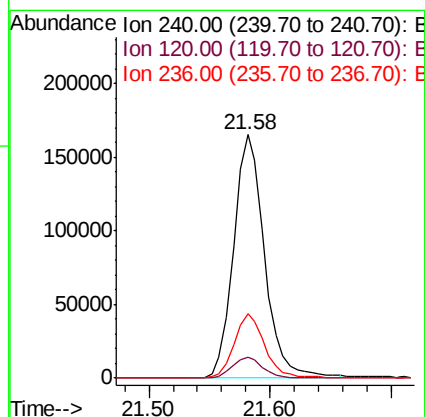
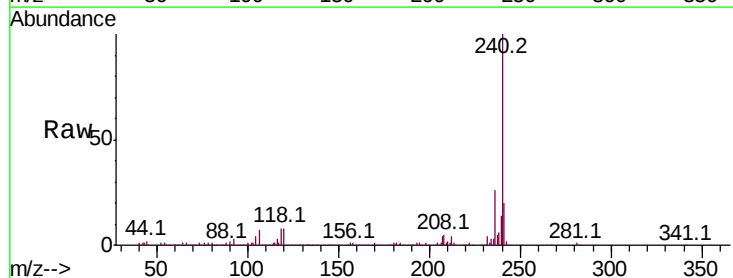
Instrument :
BNA_G
ClientSampleId :
NM-STONE-DRUM-3

Tot Ion:188 Resp: 269939
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BG037227.D
Acq: 9 Oct 2018 21:25

Tgt Ion:240 Resp: 293871
Ion Ratio Lower Upper
240 100
120 8.4 6.9 10.3
236 26.3 21.2 31.8





#78

Terphenyl-d14

Concen: 94.757 ng

RT: 19.94 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG037227.D

Acq: 9 Oct 2018 21:25

Instrument :

BNA_G

ClientSampleId :

NM-STONE-DRUM-3

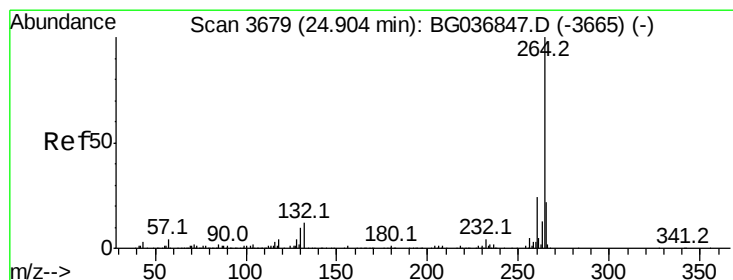
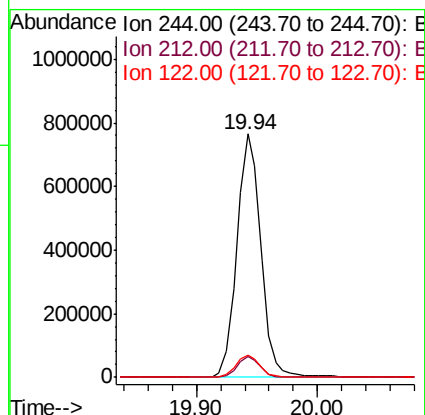
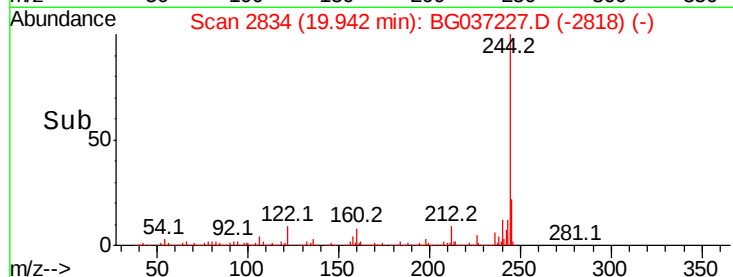
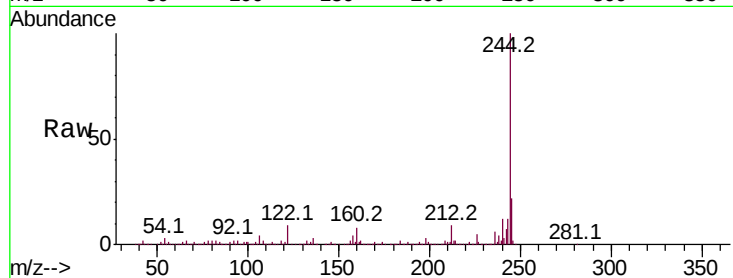
Tot Ion:244 Resp: 1059002

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 9.2 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG037227.D

Acq: 9 Oct 2018 21:25

Tgt Ion:264 Resp: 287965

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 22.3 17.4 26.0

