

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
 Data File : BG036123.D
 Acq On : 4 Aug 2018 10:36
 Operator : JU/SJ
 Sample : J4313-18
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-13

Quant Time: Aug 06 01:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

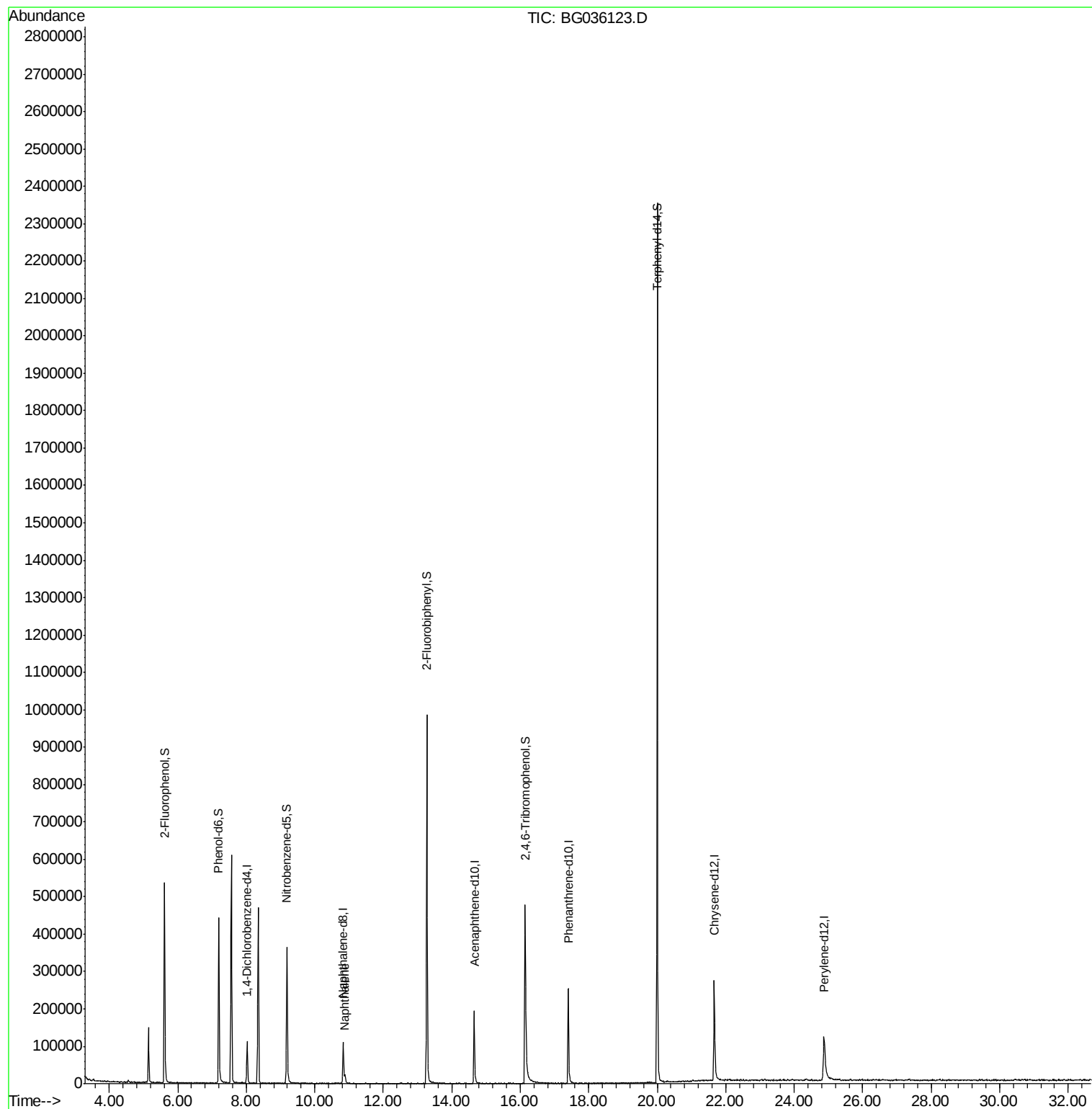
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32148	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111395	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	78975	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	217432	20.00	ng	0.01
75) Chrysene-d12	21.67	240	232918	20.00	ng	0.01
86) Perylene-d12	24.88	264	203450	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	237468	122.64	ng	0.01
7) Phenol-d6	7.19	99	292962	101.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	261185	97.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	133618	128.36	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	577128	97.90	ng	0.00
78) Terphenyl-d14	20.00	244	1167785	110.52	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	18112	3.121	ng	Qvalue 98

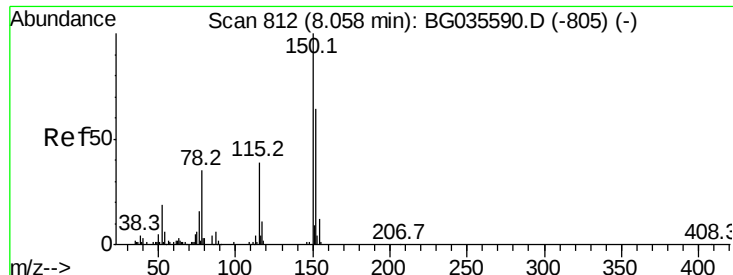
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036123.D
Acq On : 4 Aug 2018 10:36
Operator : JU/SJ
Sample : J4313-18
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-13

Quant Time: Aug 06 01:39:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration



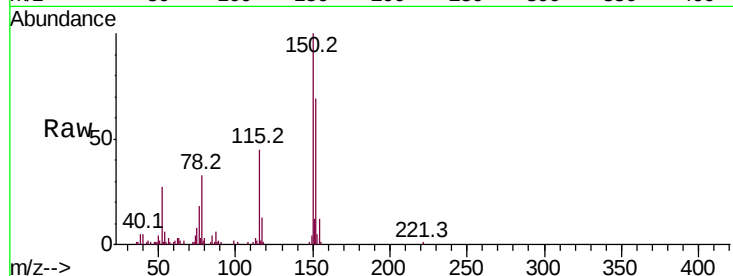


#1

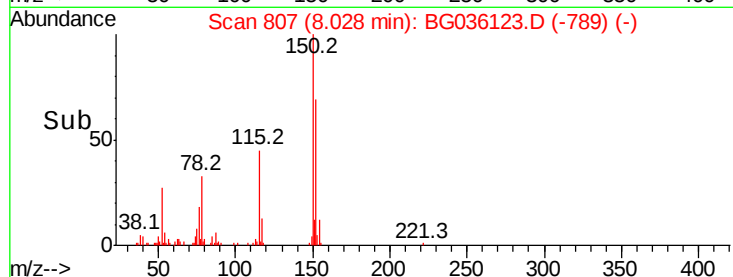
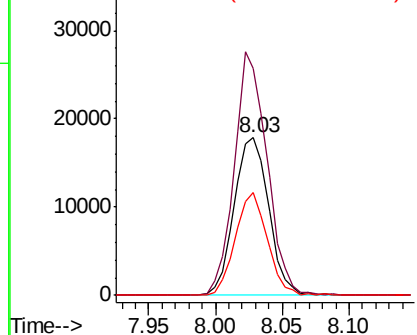
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

Instrument :
BNA_G
ClientSampleId :
C-13

Tot Ion:152 Resp: 32148
Ion Ratio Lower Upper
152 100
150 144.3 126.6 189.8
115 65.5 53.0 79.4



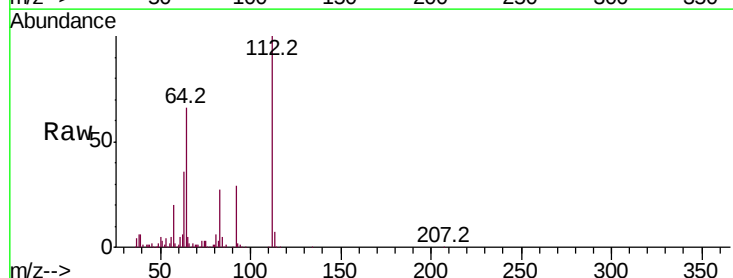
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



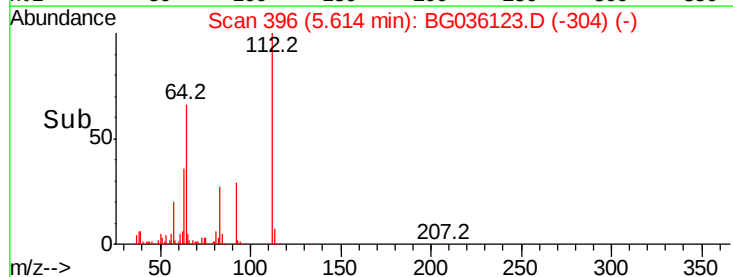
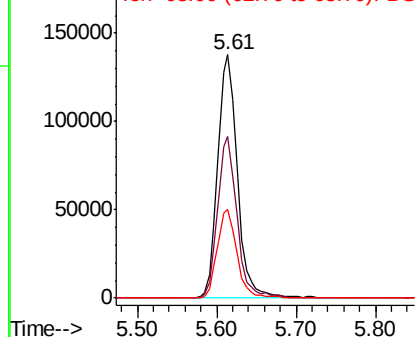
#5

2-Fluorophenol
Concen: 122.637 ng
RT: 5.61 min Scan# 396
Delta R.T. 0.01 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

Tgt Ion:112 Resp: 237468
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 36.5 30.1 45.1



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: 101.405 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036123.D

Acq: 4 Aug 2018 10:36

Instrument :

BNA_G

ClientSampleId :

C-13

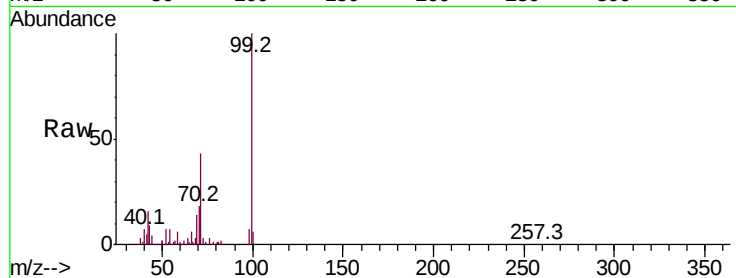
Tot Ion: 99 Resp: 292962

Ion Ratio Lower Upper

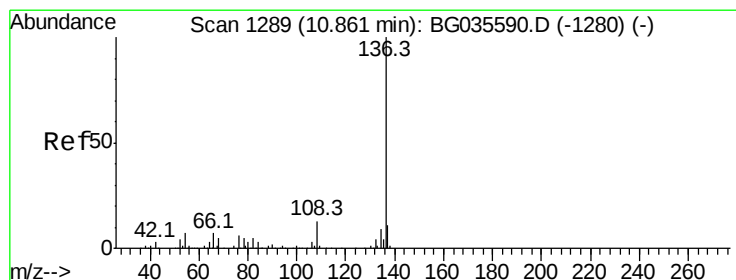
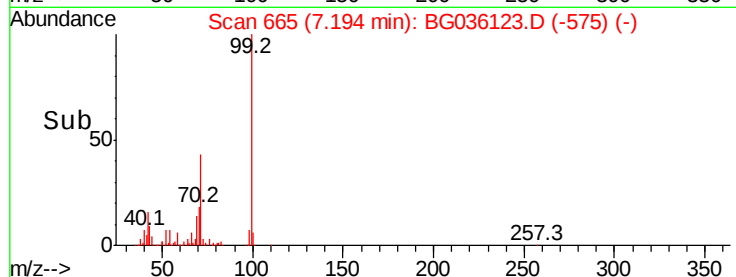
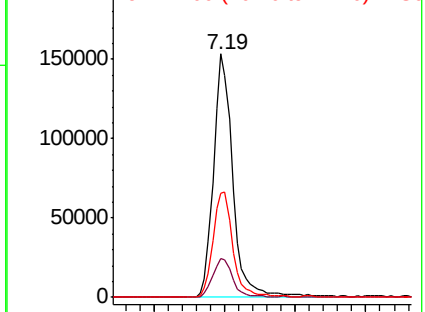
99 100

42 15.7 14.1 21.1

71 42.8 26.1 39.1#



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: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036123.D

Acq: 4 Aug 2018 10:36

Tgt Ion: 136 Resp: 111395

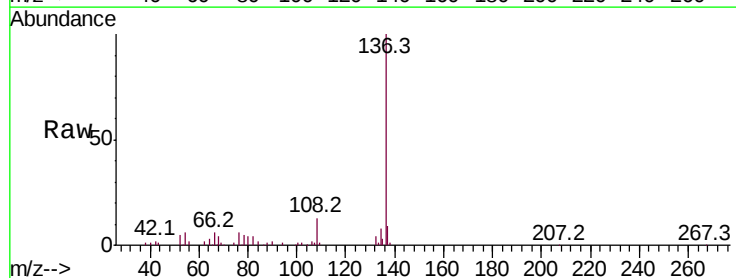
Ion Ratio Lower Upper

136 100

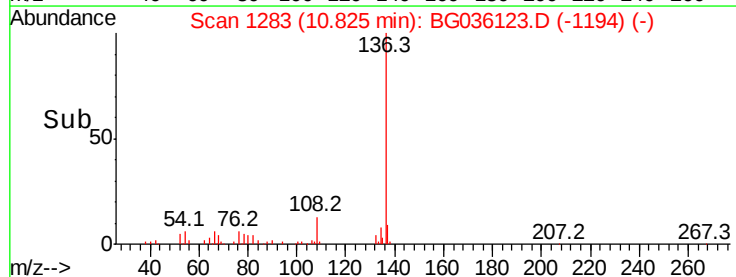
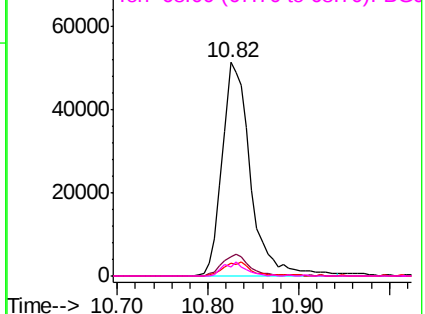
137 8.9 9.2 13.8#

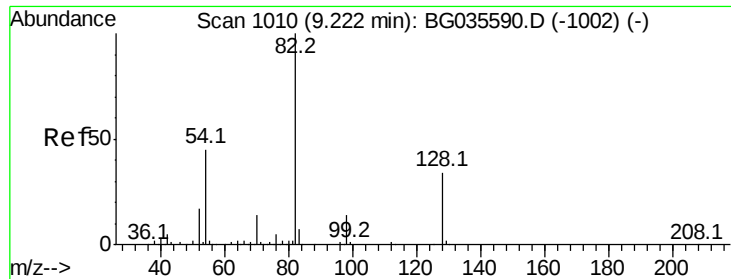
54 6.2 10.3 15.5#

68 4.0 4.5 6.7#



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

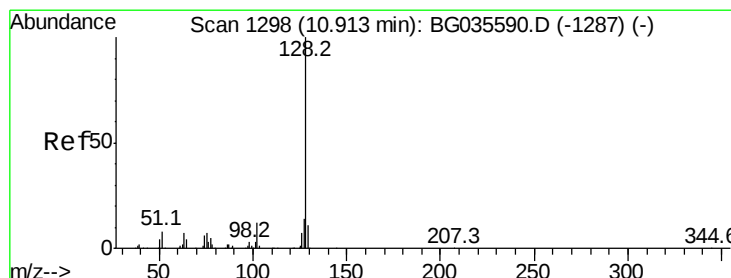
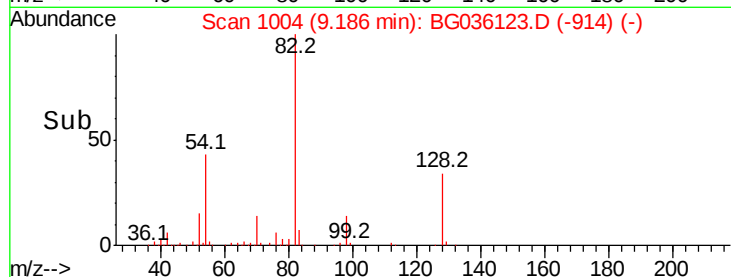
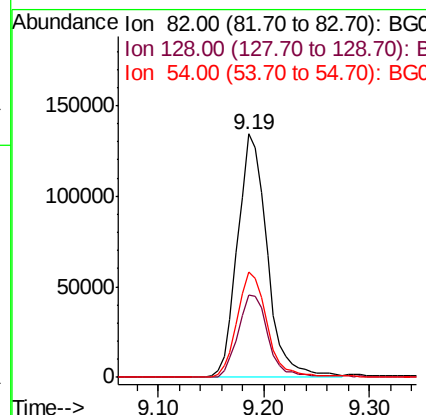
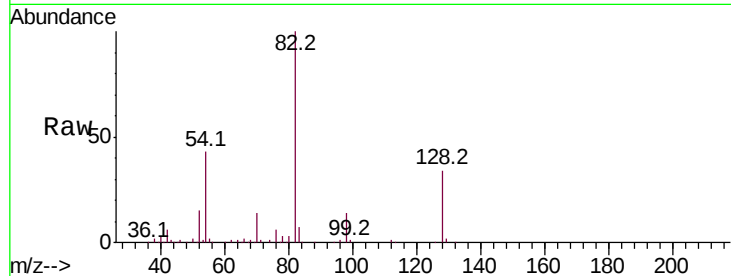




#23
Nitrobenzene-d5
Concen: 97.948 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

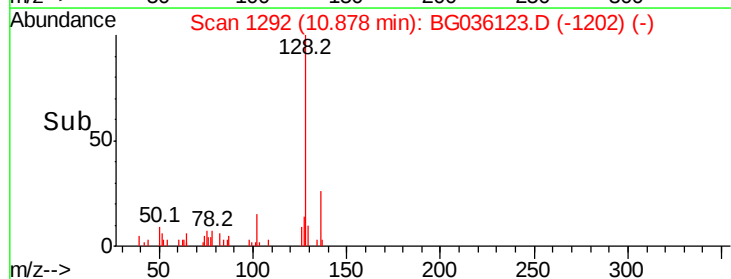
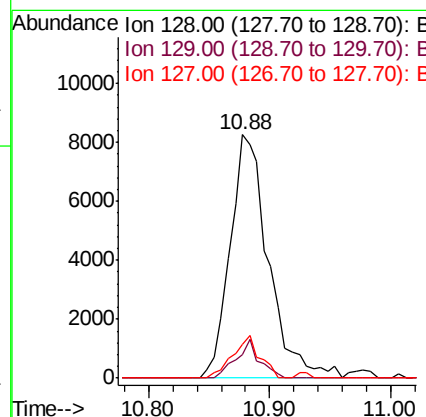
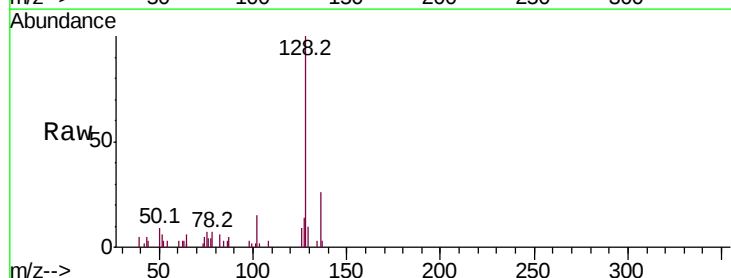
Instrument :
BNA_G
ClientSampleId :
C-13

Tot Ion: 82 Resp: 261185
Ion Ratio Lower Upper
82 100
128 33.7 29.7 44.5
54 43.1 43.1 64.7#



#31
Naphthalene
Concen: 3.121 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

Tgt Ion:128 Resp: 18112
Ion Ratio Lower Upper
128 100
129 9.7 8.6 12.8
127 14.0 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1935

Delta R.T. 0.00 min

Lab File: BG036123.D

Acq: 4 Aug 2018 10:36

Instrument :

BNA_G

ClientSampled :

C-13

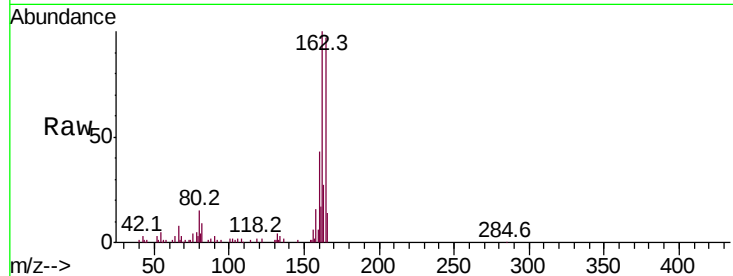
Tot Ion:164 Resp: 78975

Ion Ratio Lower Upper

164 100

162 103.1 78.8 118.2

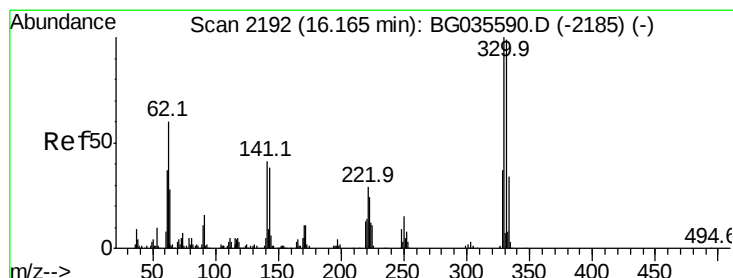
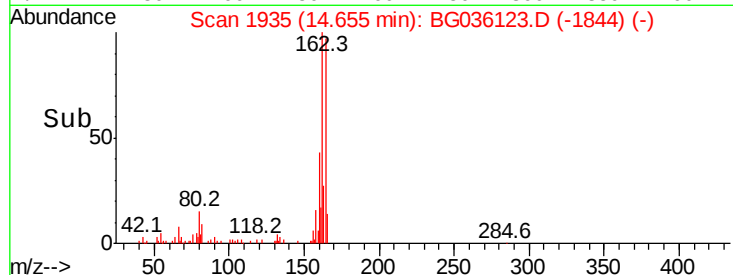
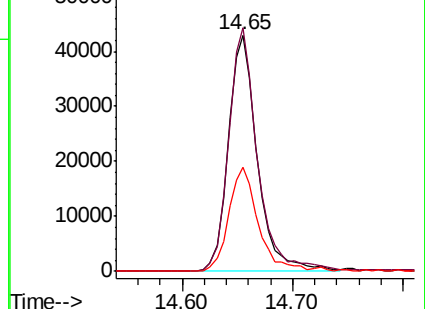
160 44.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 128.363 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG036123.D

Acq: 4 Aug 2018 10:36

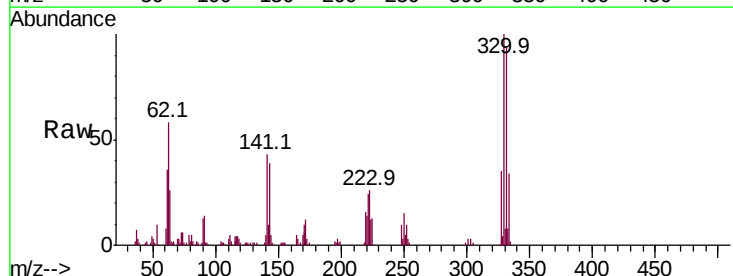
Tgt Ion:330 Resp: 133618

Ion Ratio Lower Upper

330 100

332 97.8 77.0 115.6

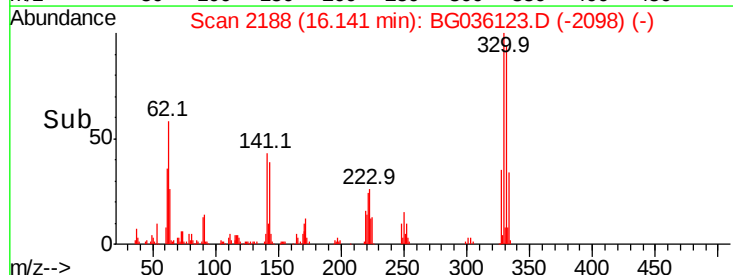
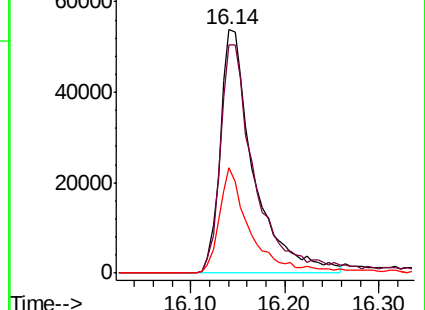
141 37.8 25.2 37.8#

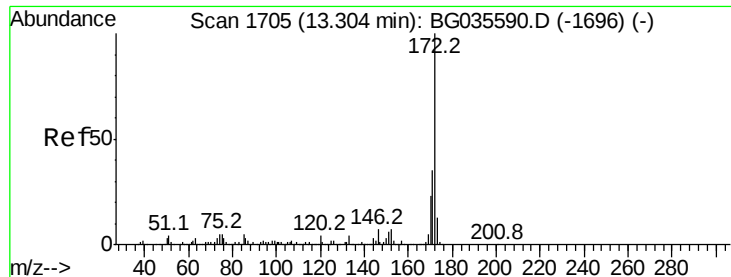


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

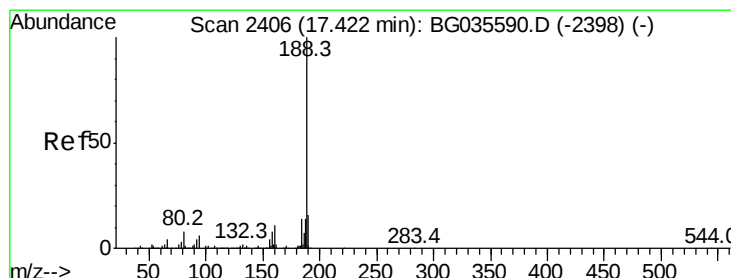
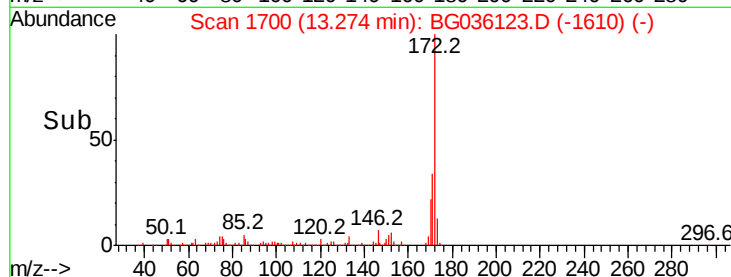
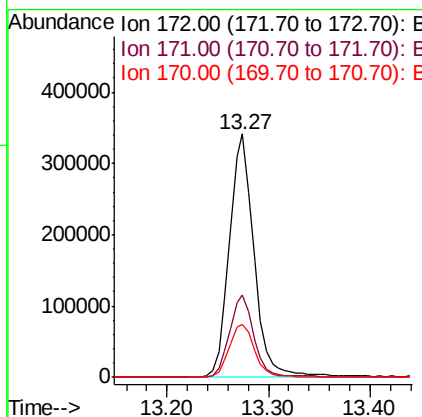
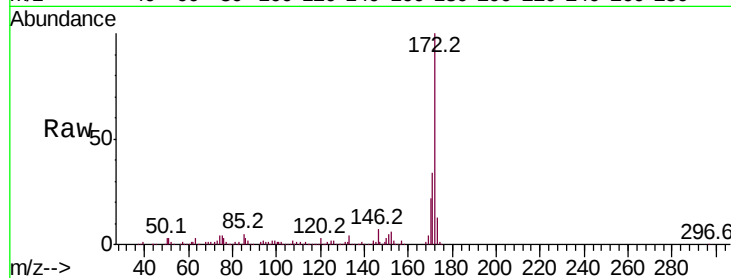




#44
2-Fluorobiphenyl
Concen: 97.905 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

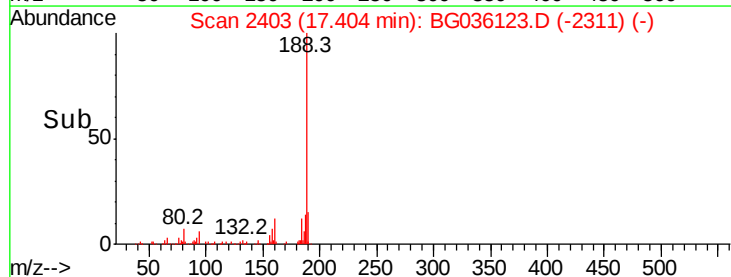
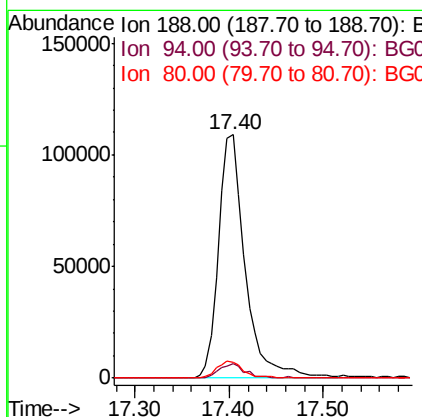
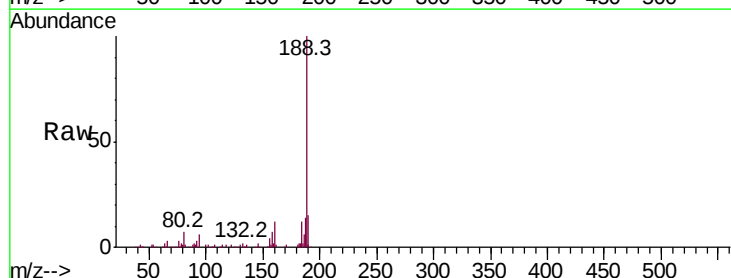
Instrument :
BNA_G
ClientSampled :
C-13

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.0	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. 0.01 min
Lab File: BG036123.D
Acq: 4 Aug 2018 10:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.6	7.7	11.5#

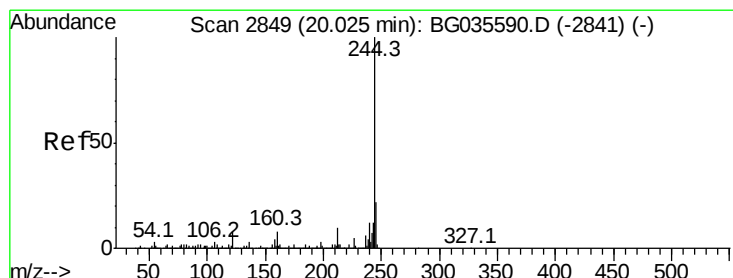
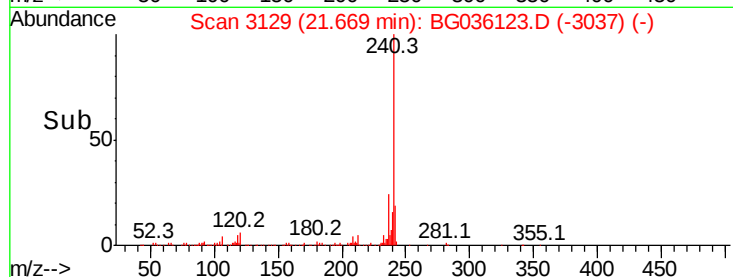
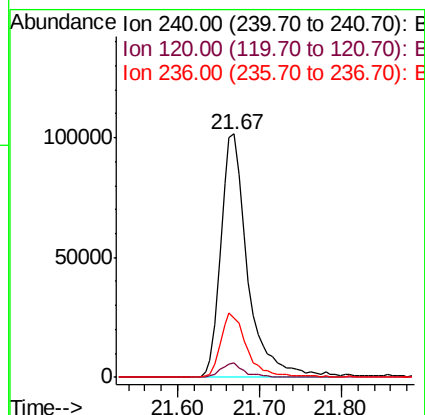
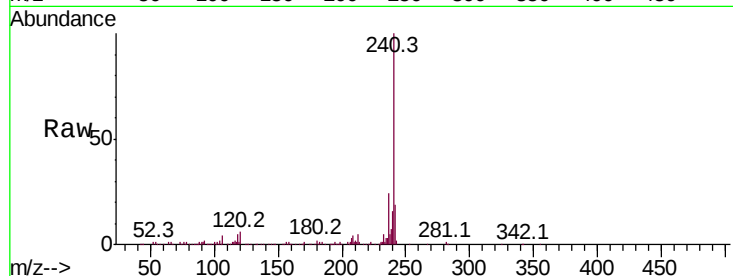




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3129
 Delta R.T. 0.01 min
 Lab File: BG036123.D
 Acq: 4 Aug 2018 10:36

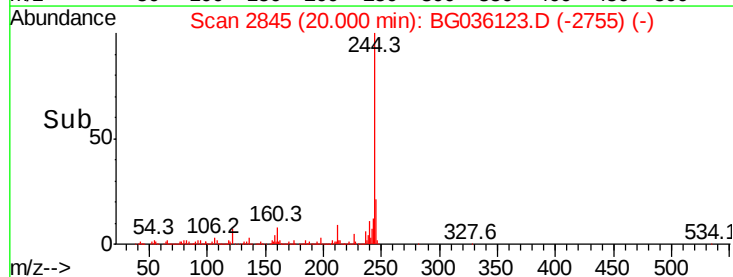
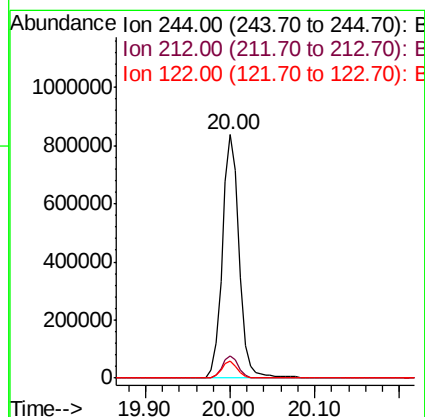
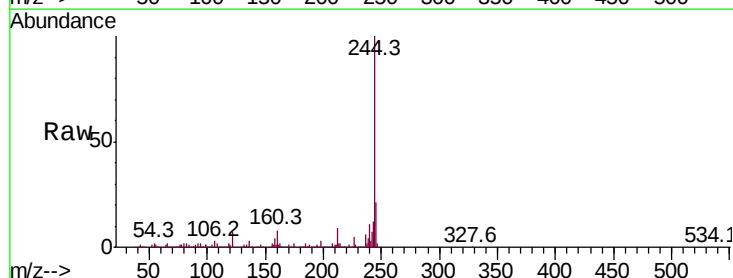
Instrument :
 BNA_G
 ClientSampleId :
 C-13

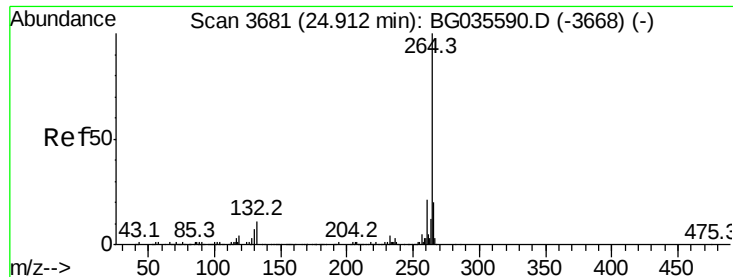
Tot Ion:240 Resp: 232918
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 24.3 20.9 31.3



#78
 Terphenyl-d14
 Concen: 110.517 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG036123.D
 Acq: 4 Aug 2018 10:36

Tgt Ion:244 Resp: 1167785
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 7.0 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.88 min Scan# 3676
 Delta R.T. 0.02 min
 Lab File: BG036123.D
 Acq: 4 Aug 2018 10:36

Instrument :
 BNA_G
 ClientSampleId :
 C-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.8	17.7	26.5

