

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
 Data File : BG035650.D
 Acq On : 14 Jul 2018 4:30
 Operator : JU/SJ
 Sample : J3831-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071218

Quant Time: Jul 14 06:29:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

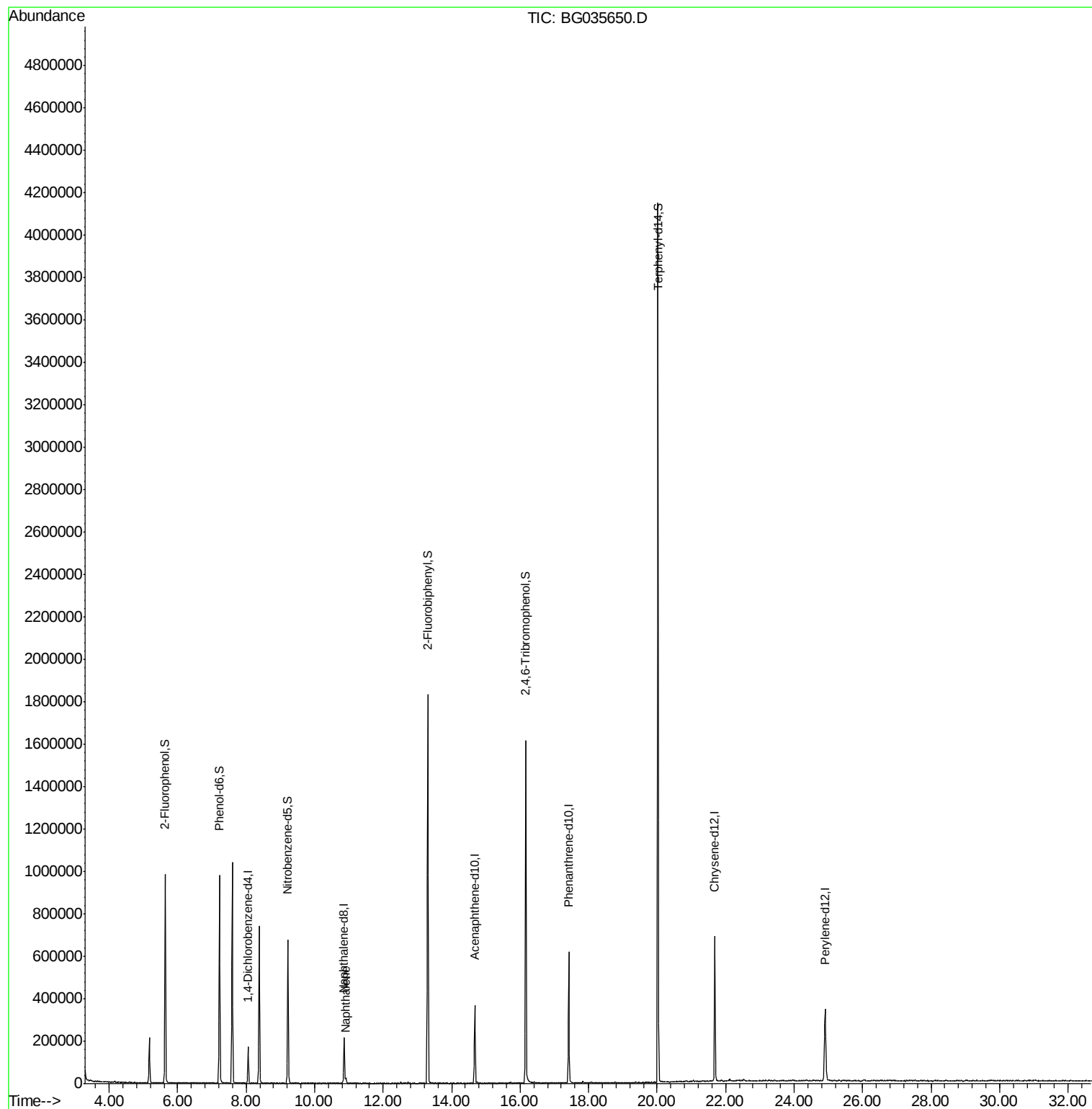
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47376	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	179954	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	131663	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	379579	20.00	ng	0.00
75) Chrysene-d12	21.68	240	419102	20.00	ng	0.00
86) Perylene-d12	24.90	264	390655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	412816	144.67	ng	0.00
7) Phenol-d6	7.22	99	557128	130.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	435581	101.12	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	290370	167.32	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	966623	98.36	ng	0.00
78) Terphenyl-d14	20.03	244	1885545	99.17	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	20788	2.218	ng	Qvalue # 91

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071318\
Data File : BG035650.D
Acq On : 14 Jul 2018 4:30
Operator : JU/SJ
Sample : J3831-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Quant Time: Jul 14 06:29:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



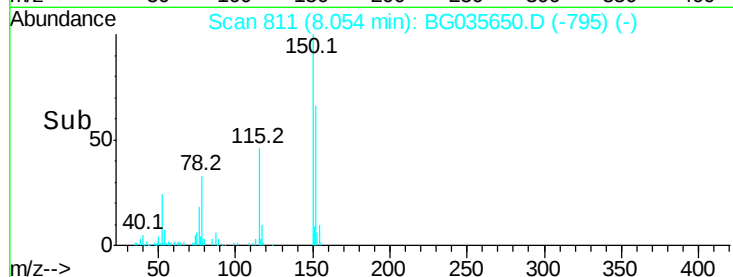
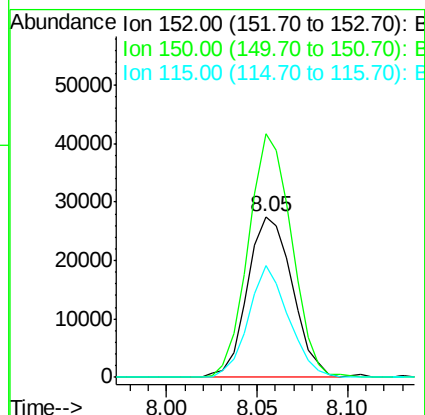
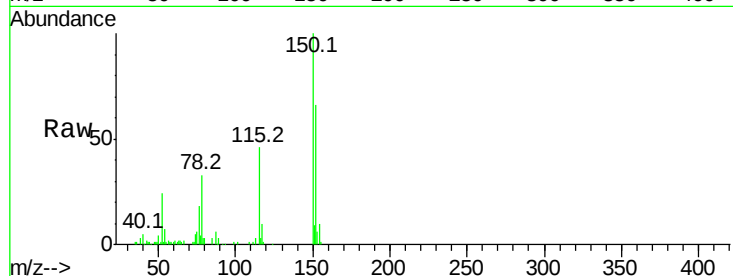


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BG035650.D
 Acq: 14 Jul 2018 4:30

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071218

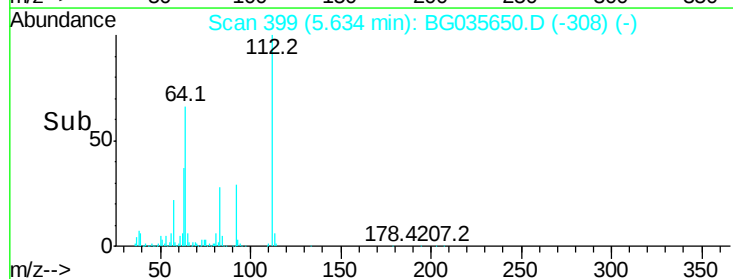
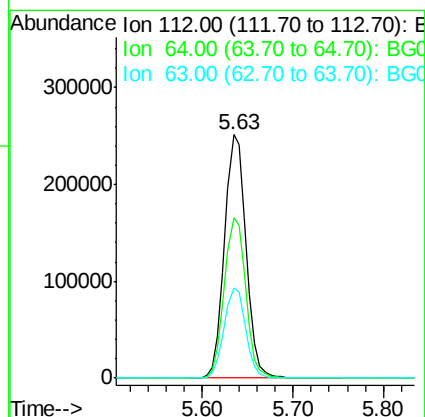
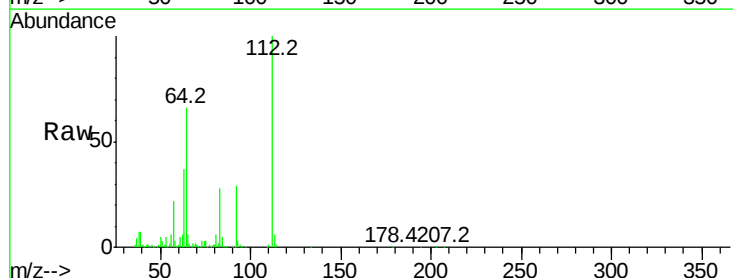
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	126.6	189.8
115	69.1	53.0	79.4

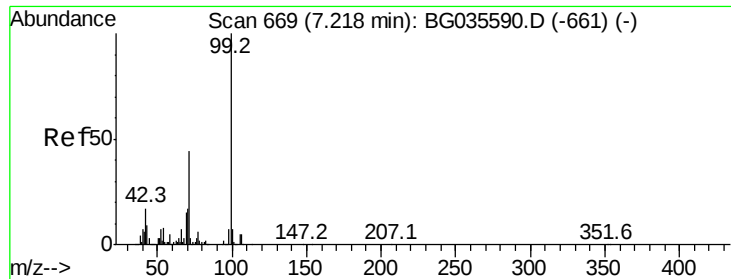


#5

2-Fluorophenol
 Concen: 144.666 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG035650.D
 Acq: 14 Jul 2018 4:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	56.3	84.5
63	37.0	30.1	45.1





#7

Phenol-d6

Concen: 130.858 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

Instrument :

BNA_G

ClientSampleId :

SU-04-071218

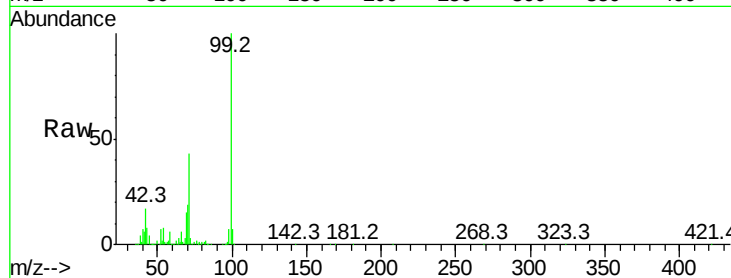
Tot Ion: 99 Resp: 557128

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

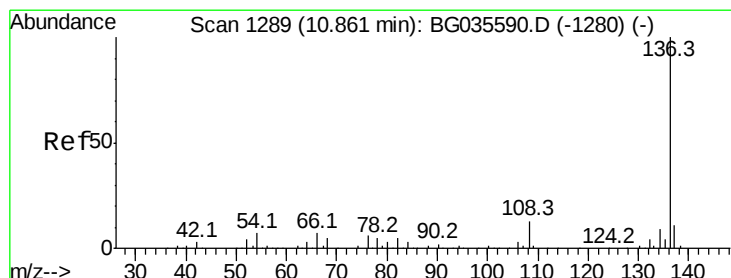
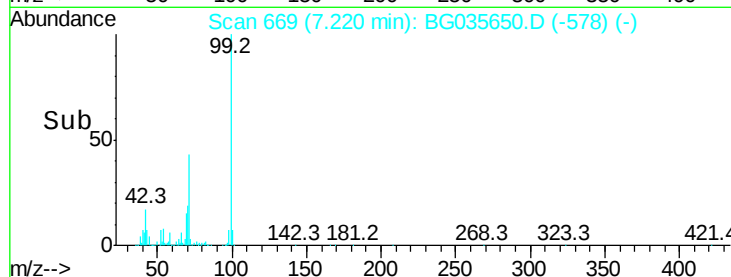
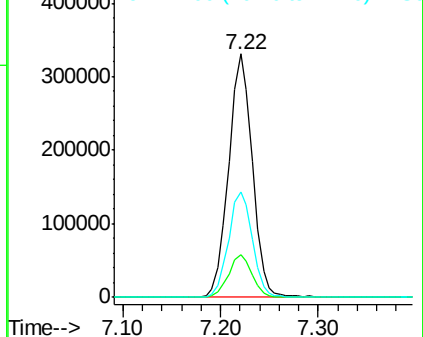
71 43.2 26.1 39.1#



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: 10.86 min Scan# 1288

Delta R.T. -0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

Tgt Ion: 136 Resp: 179954

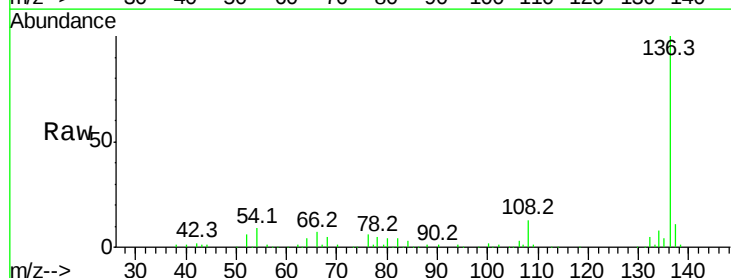
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 8.8 10.3 15.5#

68 4.8 4.5 6.7

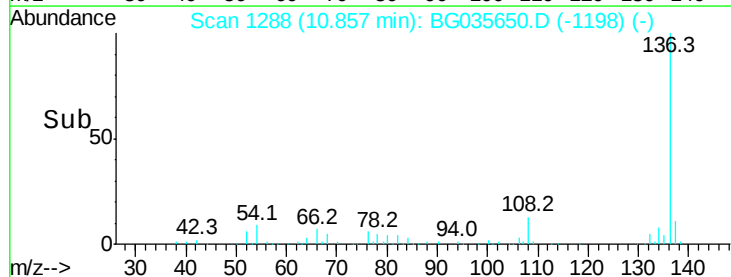
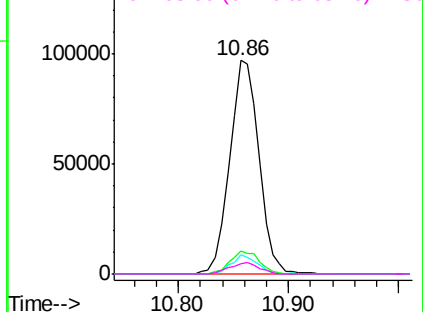


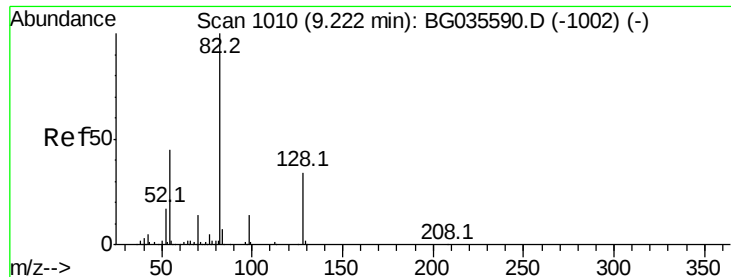
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

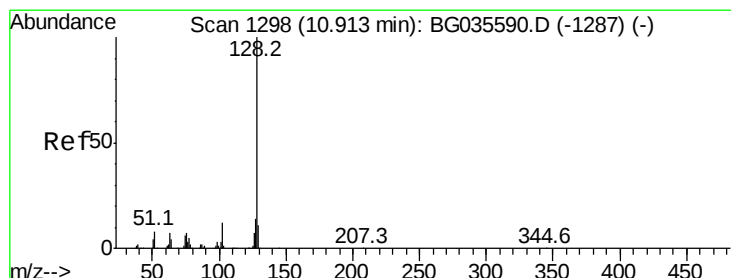
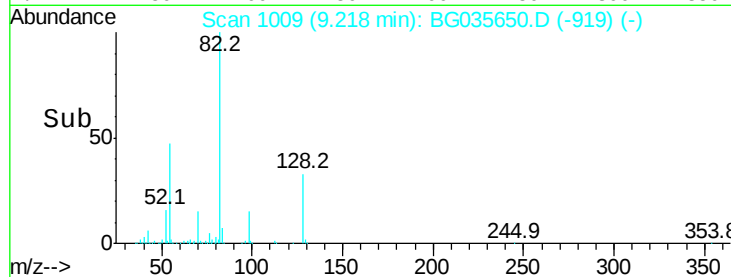
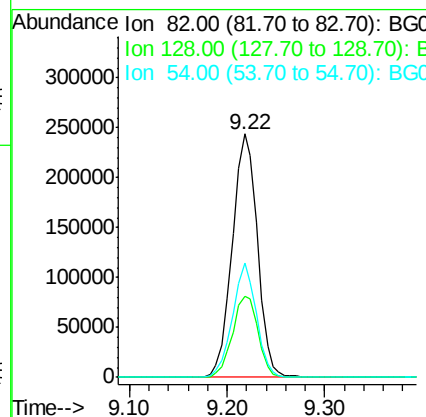
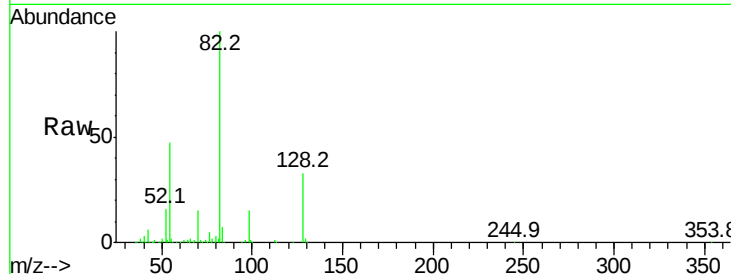




#23
 Nitrobenzene-d5
 Concen: 101.116 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG035650.D
 Acq: 14 Jul 2018 4:30

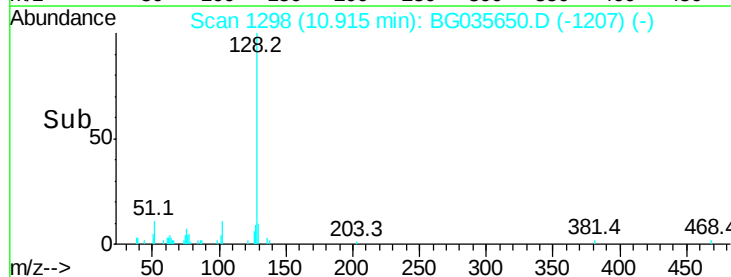
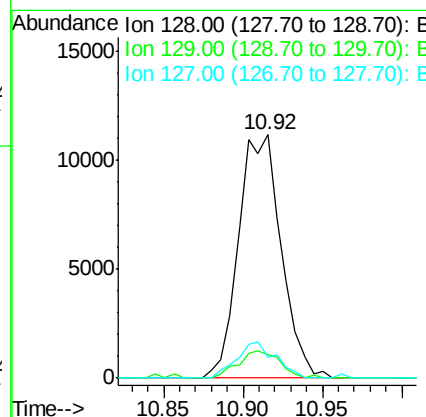
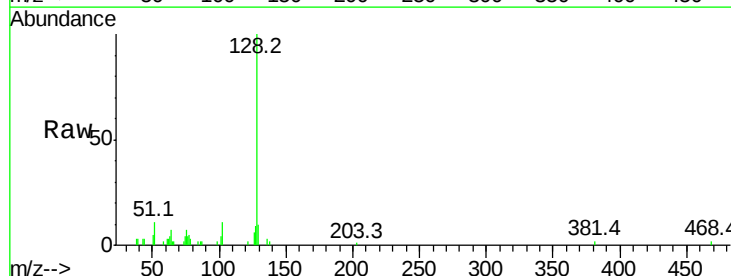
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071218

Tot Ion	82	Resp	435581
Ion Ratio	100	Lower	Upper
82	100		
128	33.4	29.7	44.5
54	46.8	43.1	64.7



#31
 Naphthalene
 Concen: 2.218 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BG035650.D
 Acq: 14 Jul 2018 4:30

Tgt Ion	128	Resp	20788
Ion Ratio	100	Lower	Upper
128	100		
129	9.9	8.6	12.8
127	8.6	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

Instrument :

BNA_G

ClientSampleId :

SU-04-071218

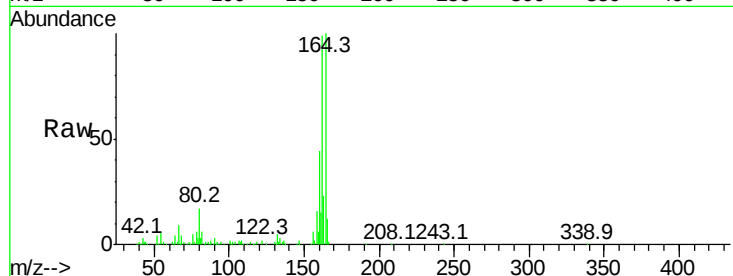
Tot Ion:164 Resp: 131663

Ion Ratio Lower Upper

164 100

162 99.1 78.8 118.2

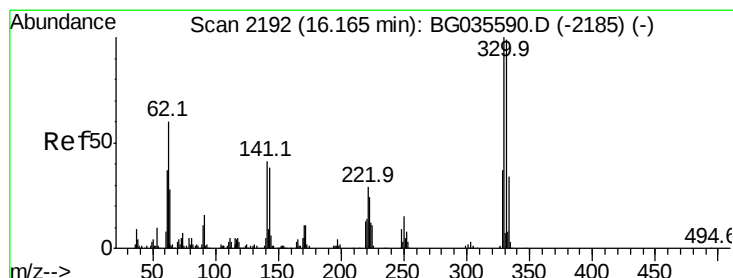
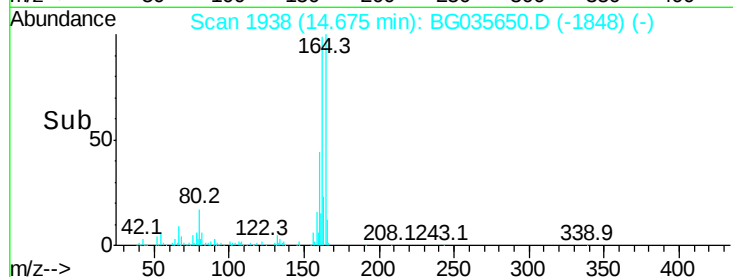
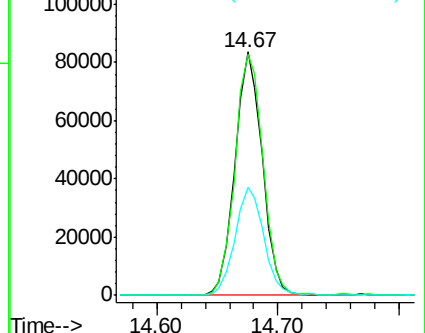
160 44.2 35.4 53.0



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: 167.321 ng

RT: 16.17 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

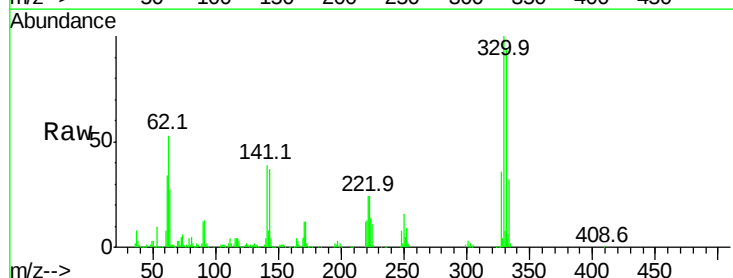
Tgt Ion:330 Resp: 290370

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

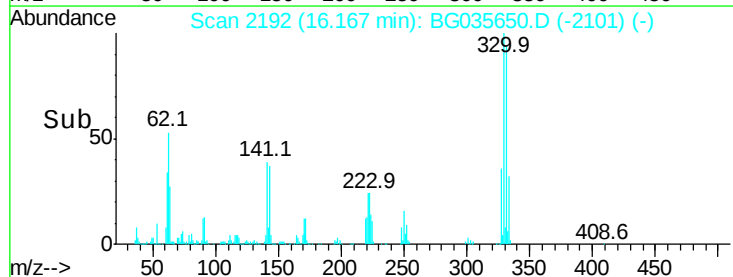
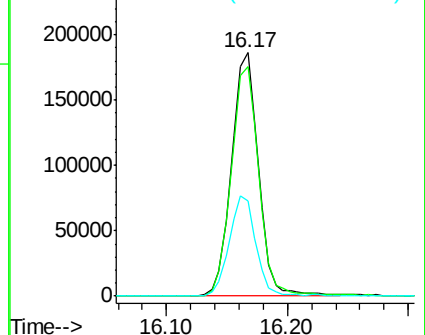
141 41.1 25.2 37.8#

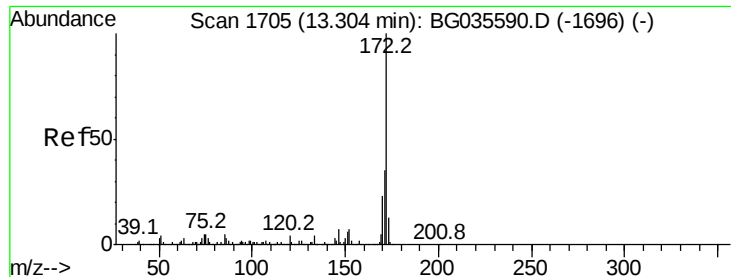


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

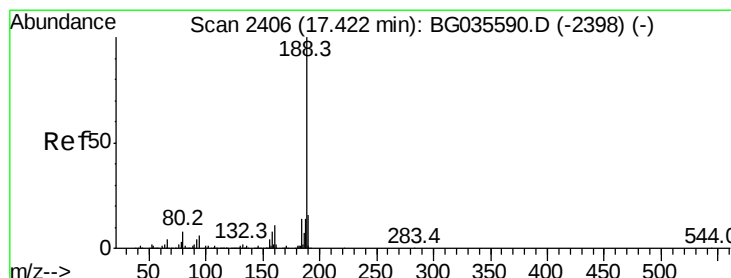
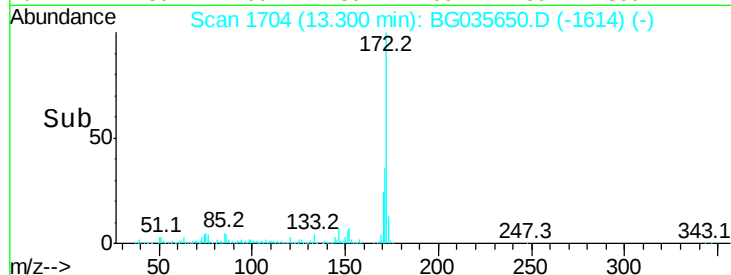
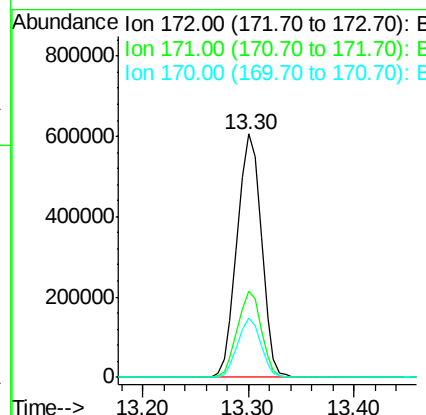
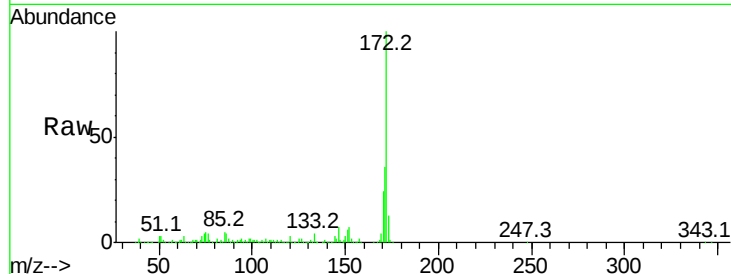




#44
2-Fluorobiphenyl
Concen: 98.359 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

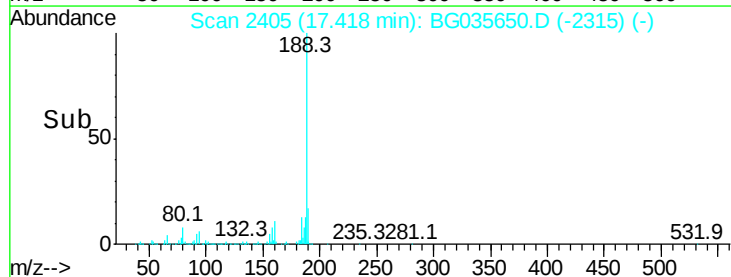
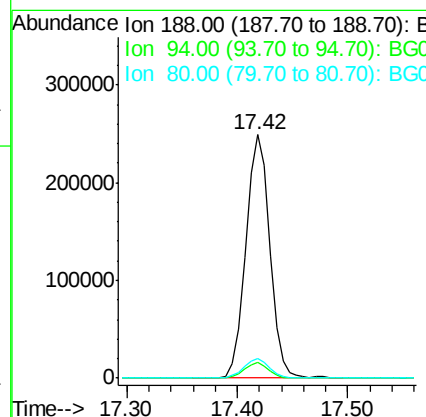
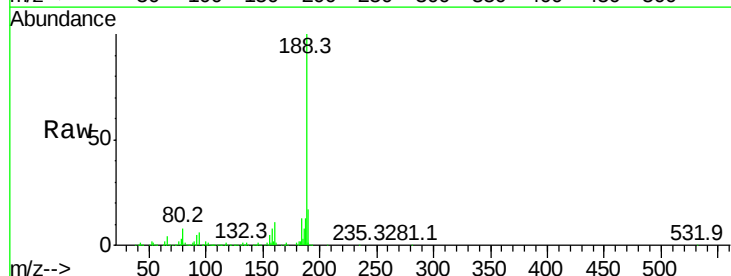
Instrument :
BNA_G
ClientSampleId :
SU-04-071218

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.0	45.0
170	24.2	19.5	29.3



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BG035650.D
Acq: 14 Jul 2018 4:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.9	10.3#
80	7.9	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

Instrument :

BNA_G

ClientSampleId :

SU-04-071218

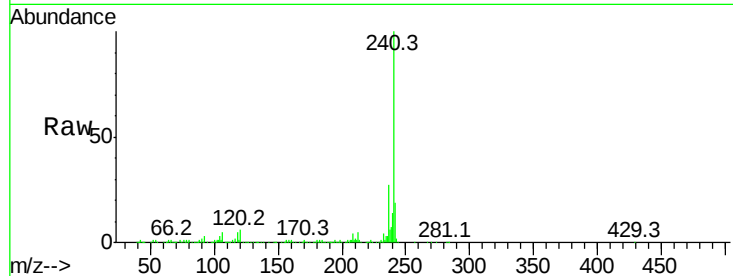
Tot Ion:240 Resp: 419102

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

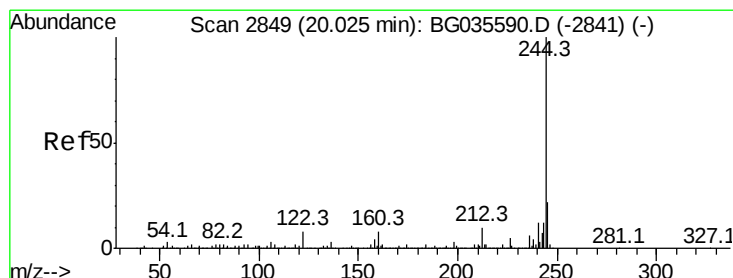
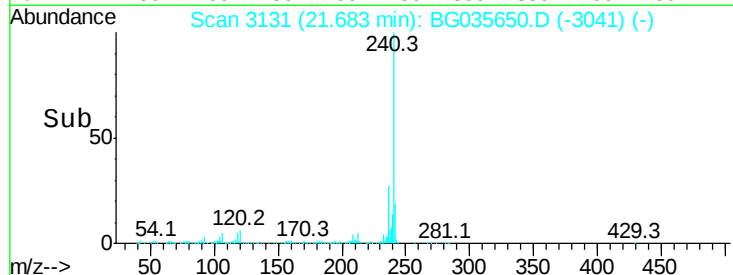
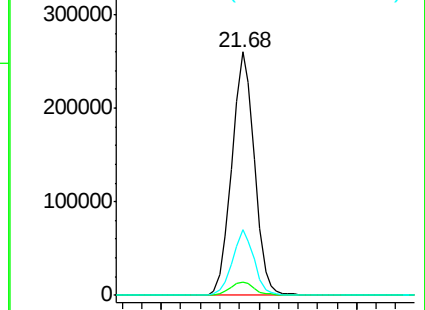
236 27.0 20.9 31.3



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: 99.172 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BG035650.D

Acq: 14 Jul 2018 4:30

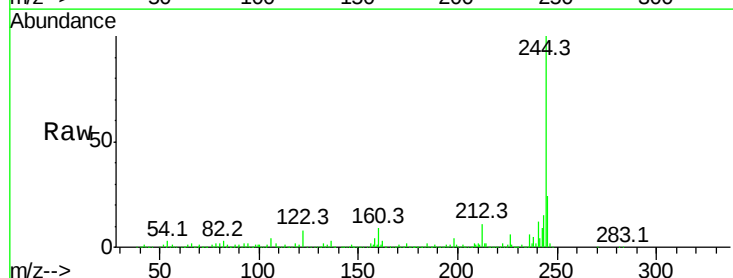
Tgt Ion:244 Resp: 1885545

Ion Ratio Lower Upper

244 100

212 10.8 5.8 8.8#

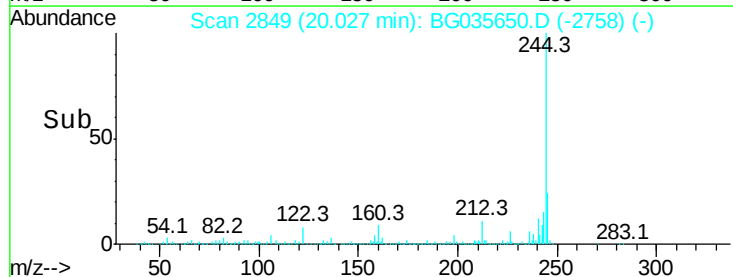
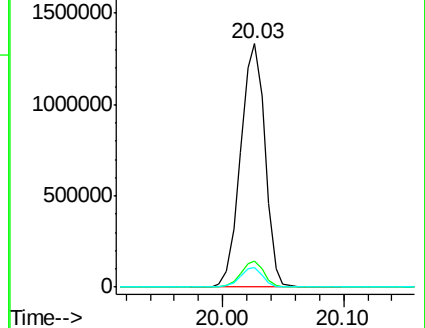
122 8.3 7.0 10.4

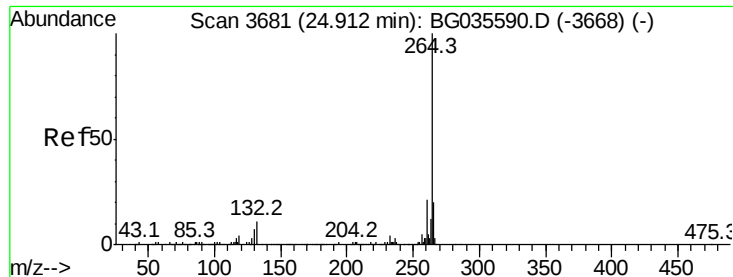


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

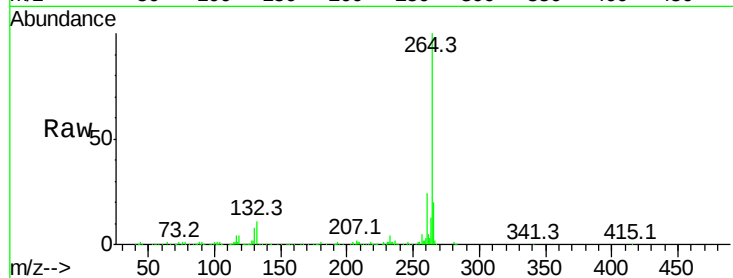




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. -0.01 min
 Lab File: BG035650.D
 Acq: 14 Jul 2018 4:30

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-071218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	20.5	17.7	26.5



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

