

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036071.D
 Acq On : 2 Aug 2018 23:22
 Operator : JU/SJ
 Sample : J4241-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-RO-226

Quant Time: Aug 03 01:40:58 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

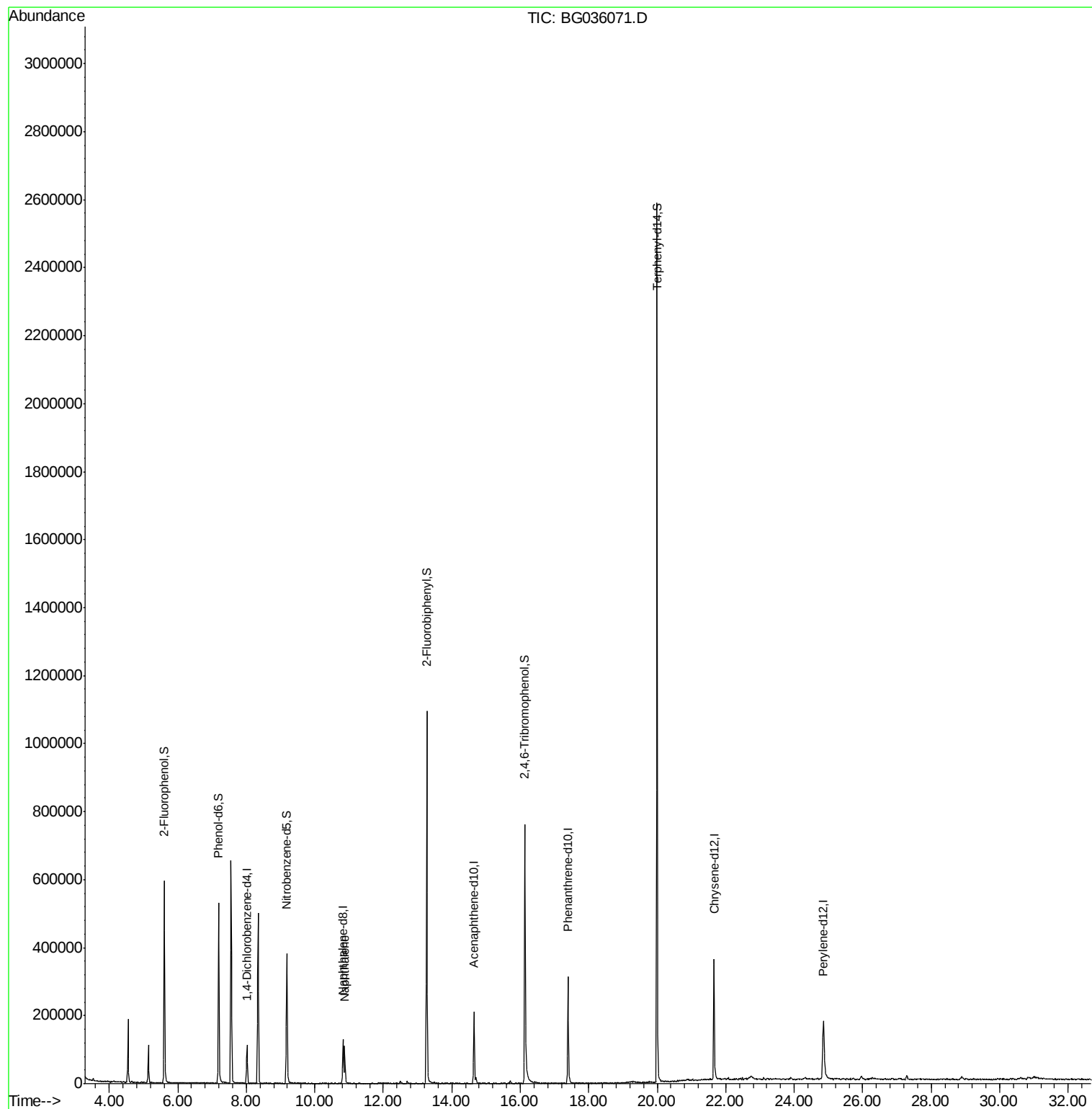
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32035	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	111619	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	81440	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	231194	20.00	ng	0.00
75) Chrysene-d12	21.66	240	268467	20.00	ng	0.00
86) Perylene-d12	24.85	264	232501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	262282	135.93	ng	0.00
7) Phenol-d6	7.19	99	335542	116.55	ng	0.00
23) Nitrobenzene-d5	9.19	82	275766	103.21	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	181528	169.11	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	619213	101.86	ng	0.00
78) Terphenyl-d14	19.99	244	1312446	107.76	ng	0.00
Target Compounds						
31) Naphthalene	10.88	128	95765	16.470	ng	Qvalue # 94

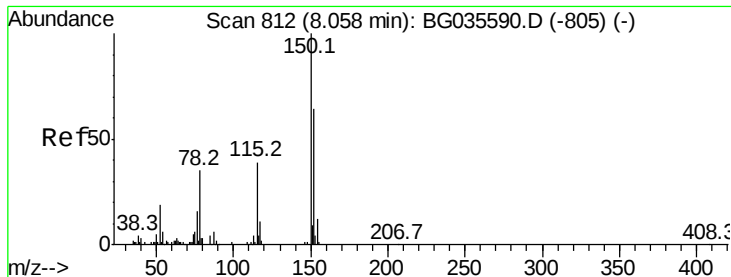
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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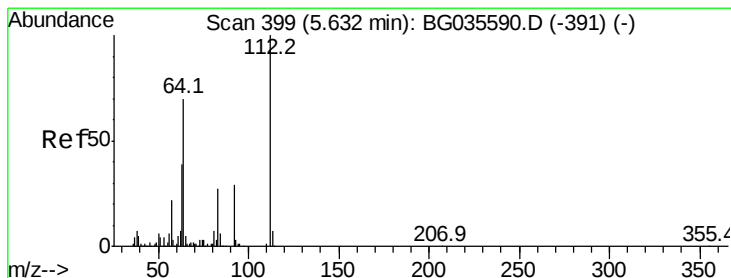
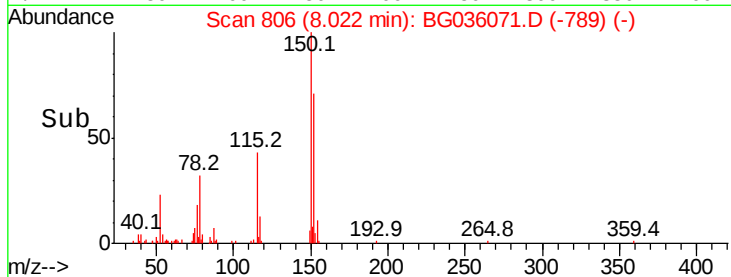
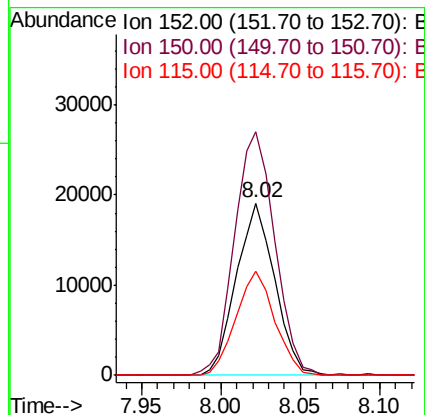
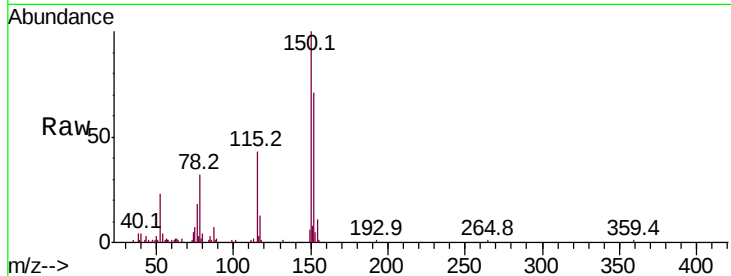


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036071.D
 Acq: 2 Aug 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 FS-RO-226

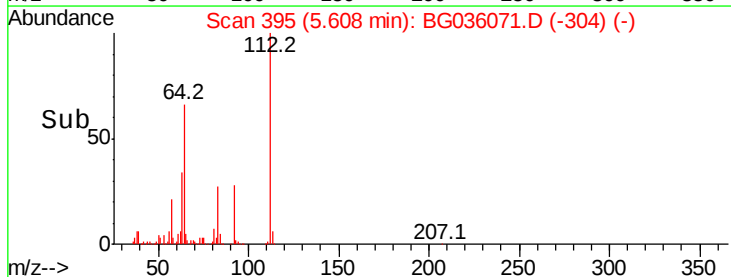
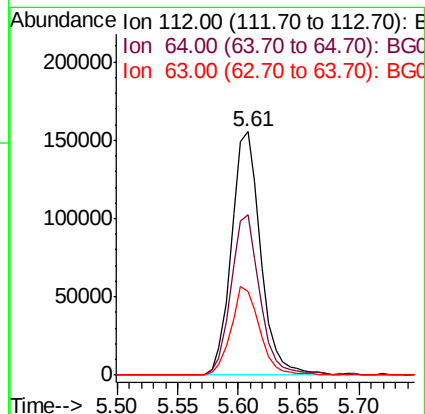
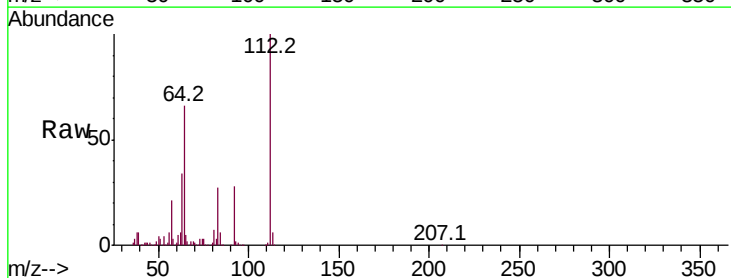
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	126.6	189.8
115	60.8	53.0	79.4



#5

2-Fluorophenol
 Concen: 135.929 ng
 RT: 5.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: BG036071.D
 Acq: 2 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.8	56.3	84.5
63	34.3	30.1	45.1





#7

Phenol-d6

Concen: 116.554 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036071.D

Acq: 2 Aug 2018 23:22

Instrument :

BNA_G

ClientSampleId :

FS-RO-226

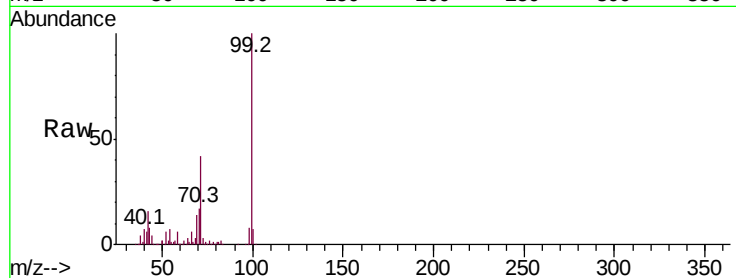
Tot Ion: 99 Resp: 335542

Ion Ratio Lower Upper

99 100

42 16.4 14.1 21.1

71 42.4 26.1 39.1#

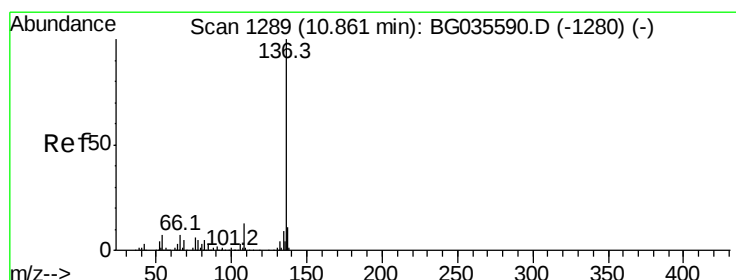
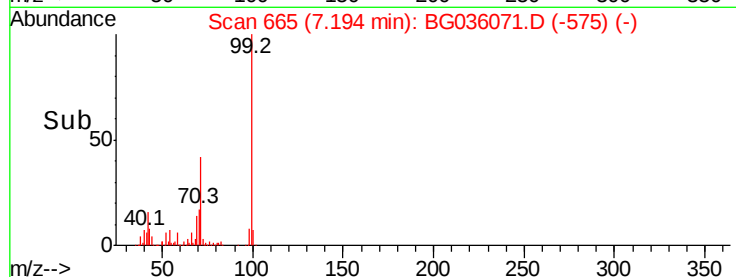
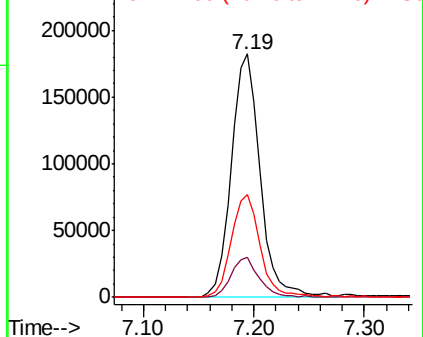


Abundance

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: BG036071.D

Acq: 2 Aug 2018 23:22

Tgt Ion: 136 Resp: 111619

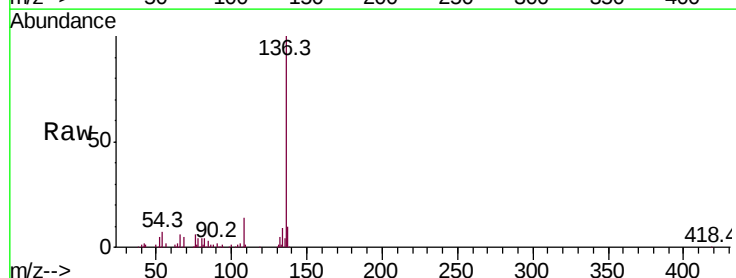
Ion Ratio Lower Upper

136 100

137 9.6 9.2 13.8

54 7.2 10.3 15.5#

68 4.7 4.5 6.7



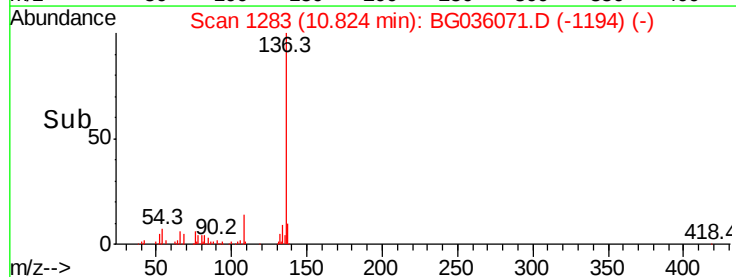
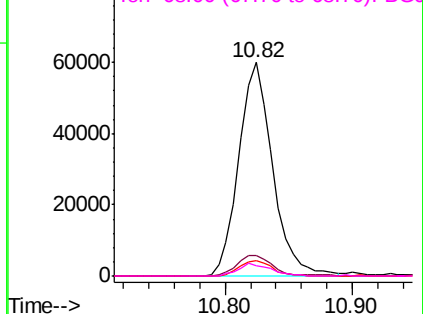
Abundance

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

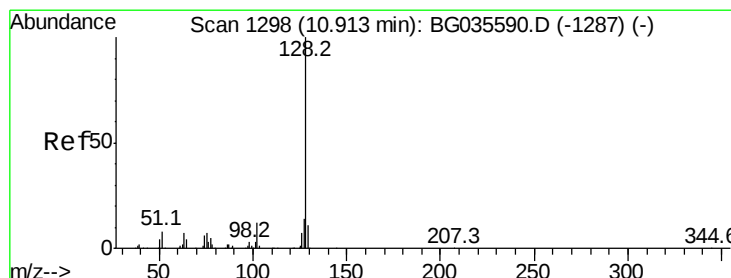
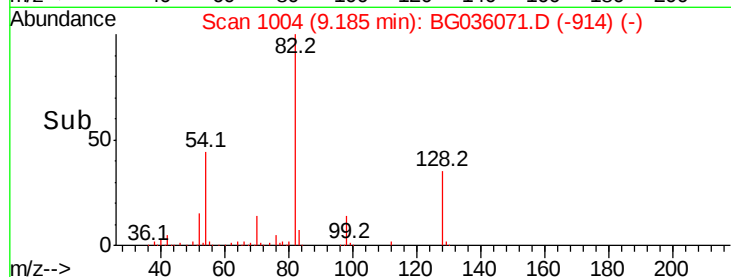
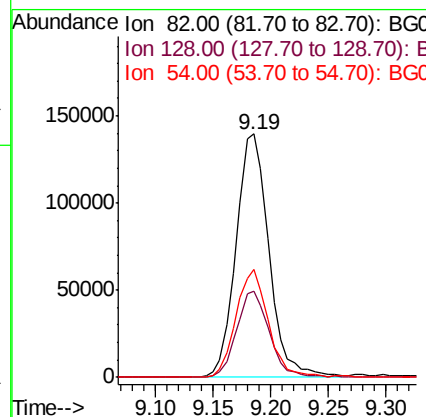
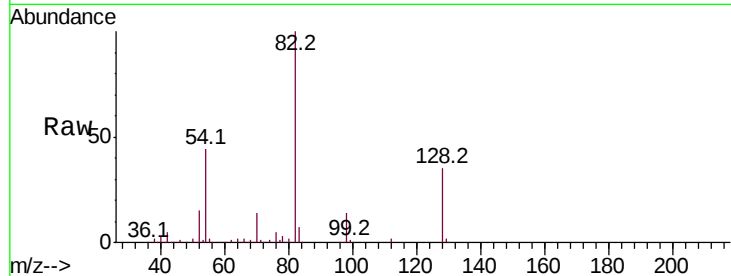




#23
Nitrobenzene-d5
Concen: 103.209 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG036071.D
Acq: 2 Aug 2018 23:22

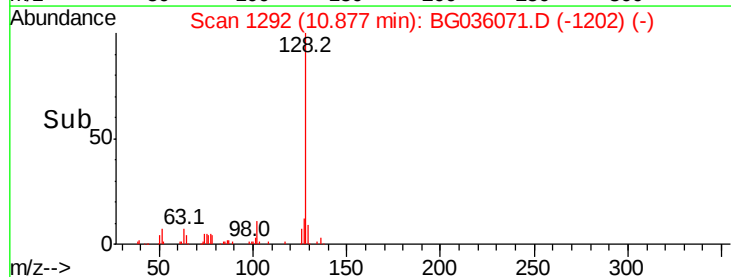
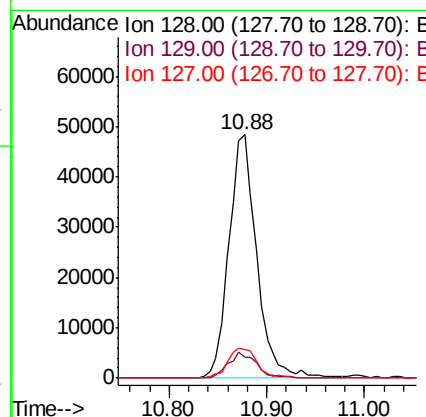
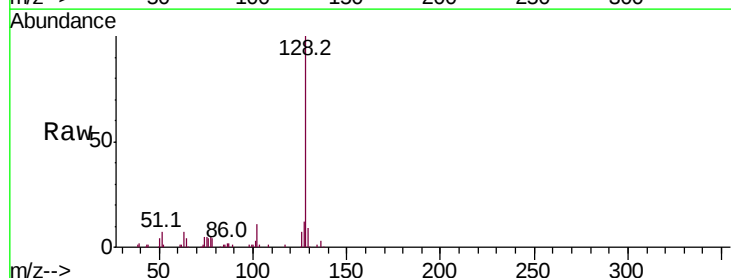
Instrument :
BNA_G
ClientSampleId :
FS-RO-226

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.2	29.7	44.5
54	44.1	43.1	64.7



#31
Naphthalene
Concen: 16.470 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG036071.D
Acq: 2 Aug 2018 23:22

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.7	8.6	12.8
127	11.5	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG036071.D

Acq: 2 Aug 2018 23:22

Instrument :

BNA_G

ClientSampleId :

FS-RO-226

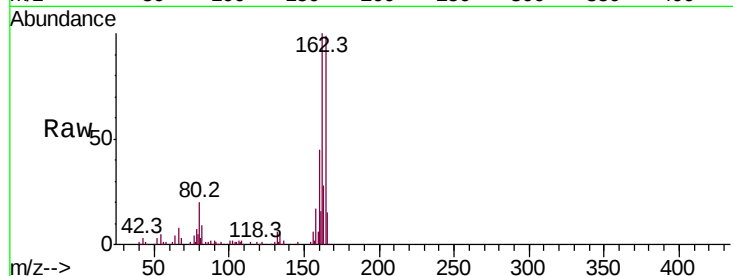
Tot Ion:164 Resp: 81440

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

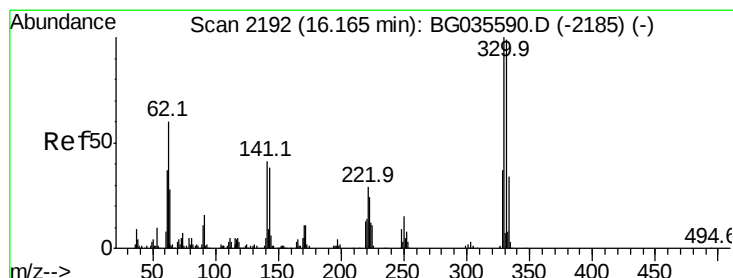
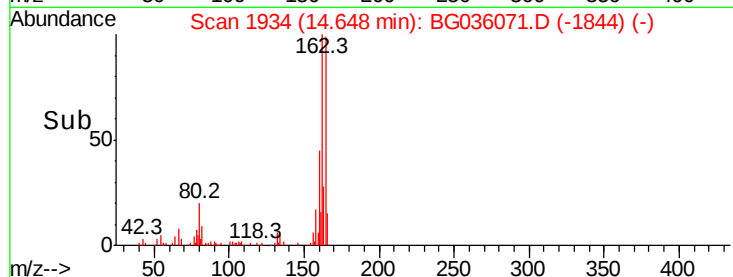
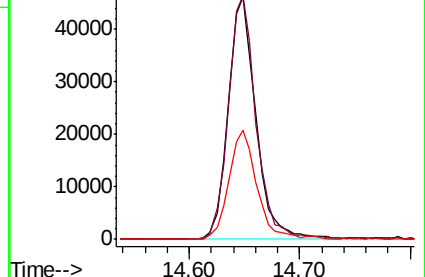
160 45.0 35.4 53.0



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: 169.110 ng

RT: 16.13 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG036071.D

Acq: 2 Aug 2018 23:22

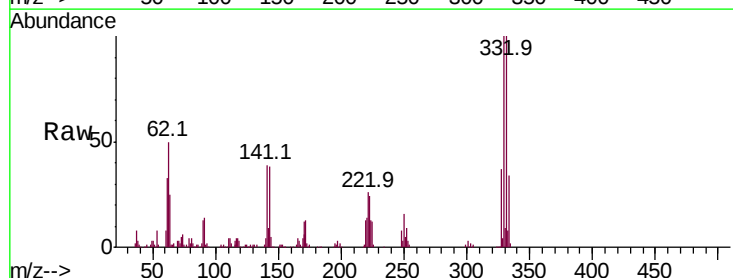
Tgt Ion:330 Resp: 181528

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

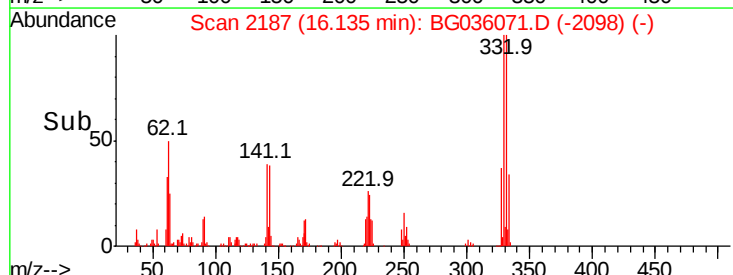
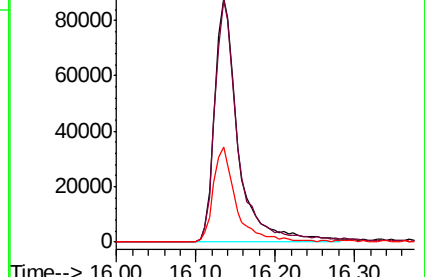
141 37.8 25.2 37.8

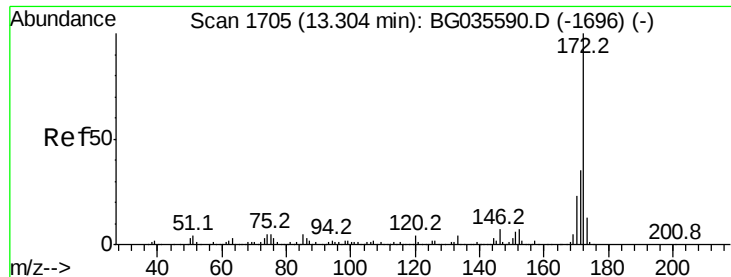


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

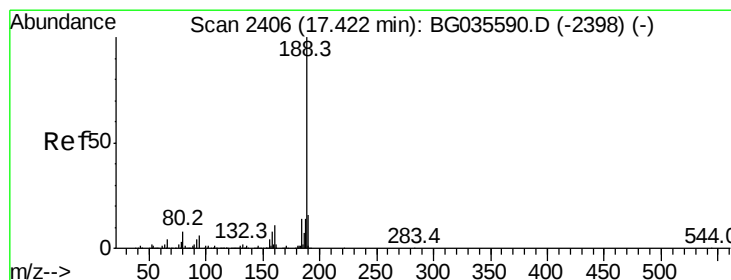
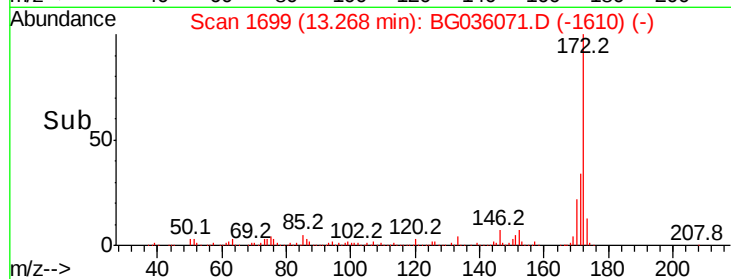
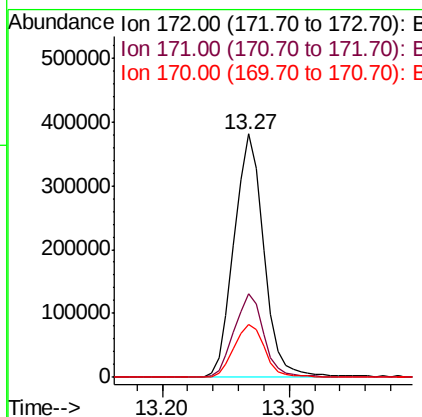
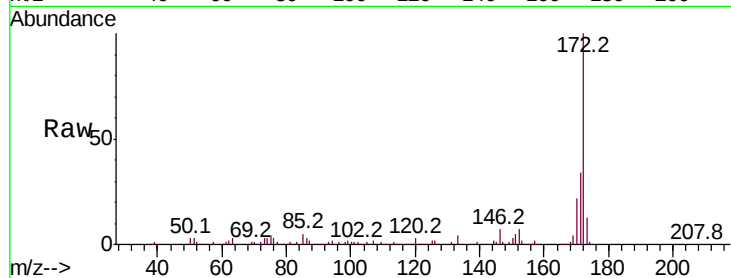




#44
 2-Fluorobiphenyl
 Concen: 101.865 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036071.D
 Acq: 2 Aug 2018 23:22

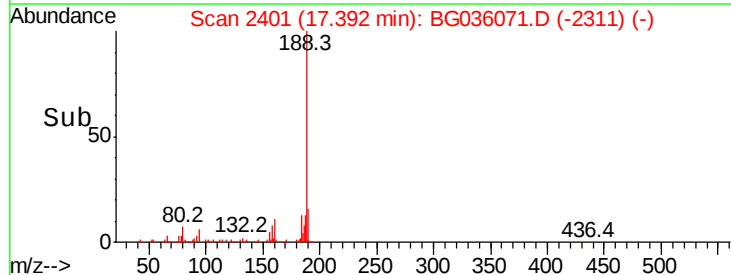
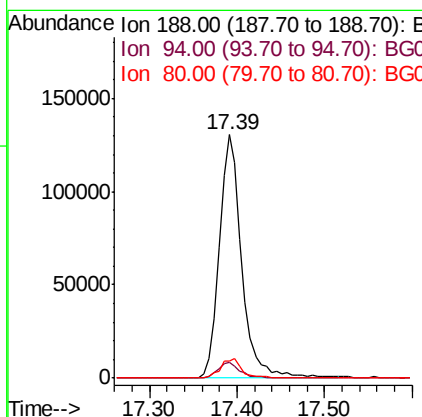
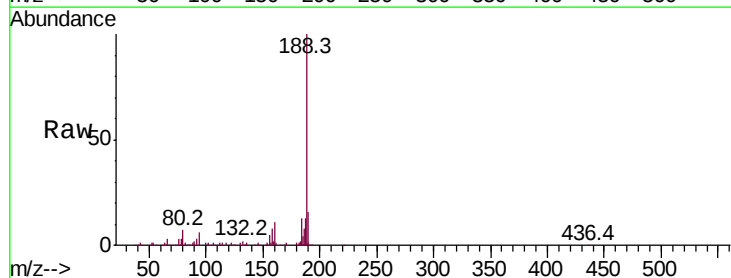
Instrument :
 BNA_G
 ClientSampleId :
 FS-RO-226

Tot Ion:172 Resp: 619213
 Ion Ratio Lower Upper
 172 100
 171 34.3 30.0 45.0
 170 22.0 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG036071.D
 Acq: 2 Aug 2018 23:22

Tgt Ion:188 Resp: 231194
 Ion Ratio Lower Upper
 188 100
 94 6.3 6.9 10.3#
 80 7.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG036071.D

Acq: 2 Aug 2018 23:22

Instrument :

BNA_G

ClientSampleId :

FS-RO-226

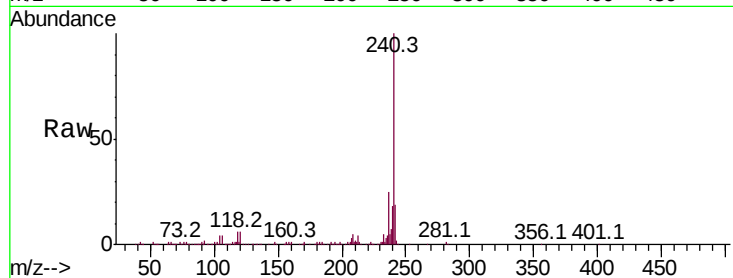
Tot Ion:240 Resp: 268467

Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

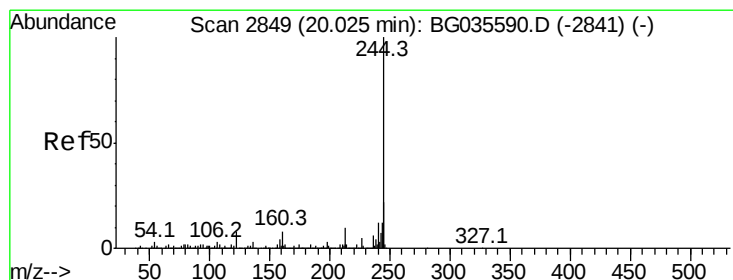
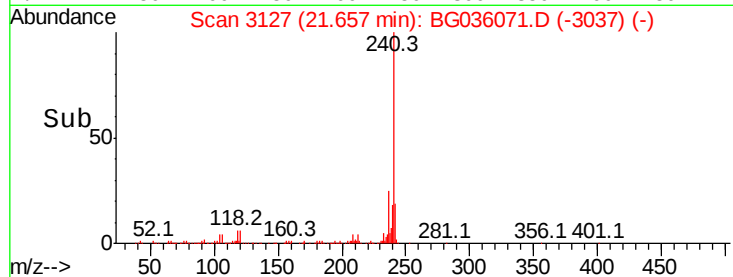
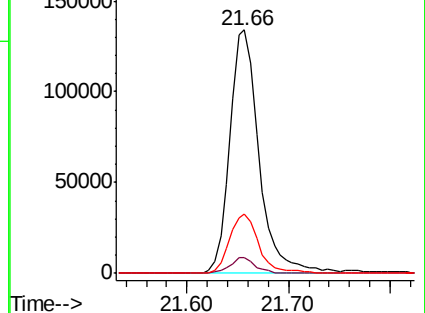
236 24.5 20.9 31.3



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: 107.761 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036071.D

Acq: 2 Aug 2018 23:22

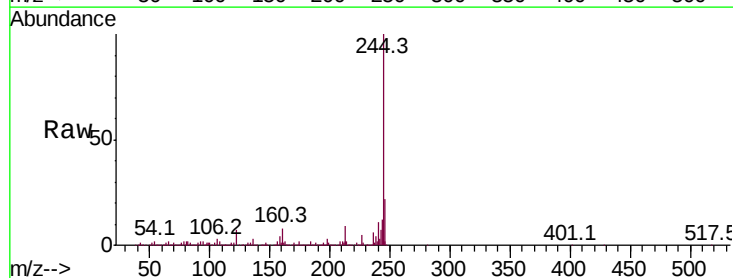
Tgt Ion:244 Resp: 1312446

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

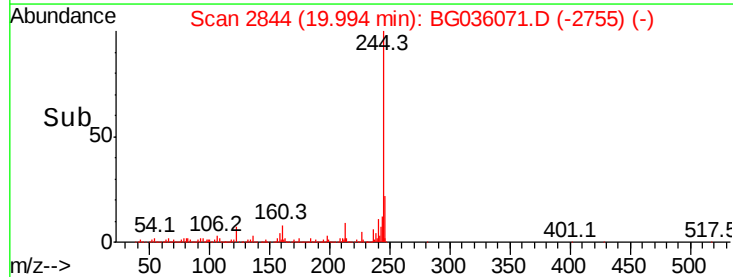
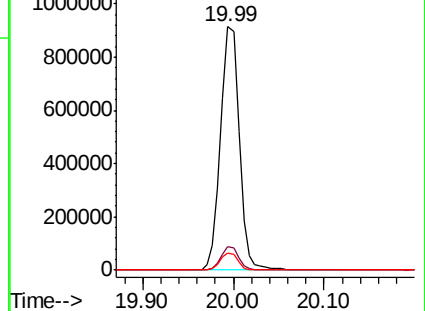
122 7.0 7.0 10.4

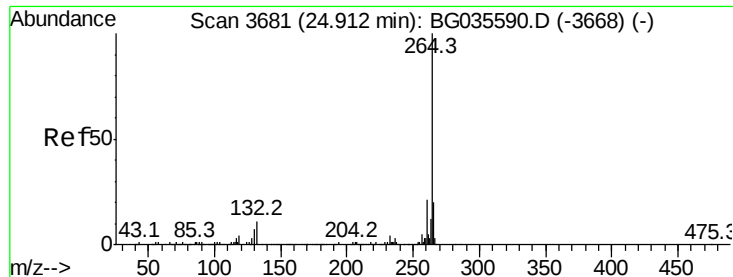


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG036071.D
 Acq: 2 Aug 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 FS-RO-226

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	20.4	17.7	26.5

