

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036032.D
 Acq On : 1 Aug 2018 14:00
 Operator : JU/SJ
 Sample : J4238-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RVB-1

Quant Time: Aug 01 16:39:53 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

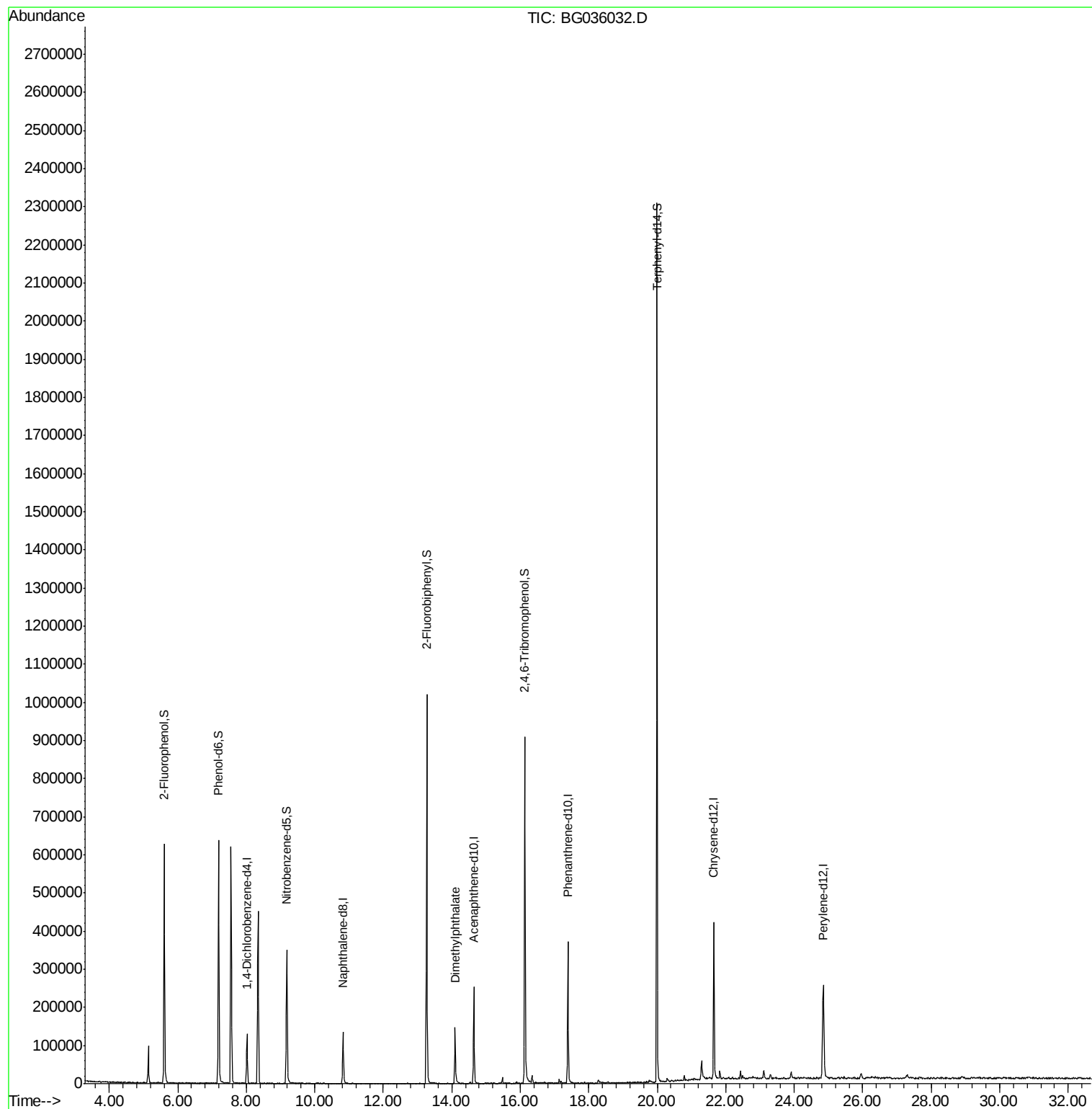
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35639	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	126879	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	90967	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	262493	20.00	ng	0.00
75) Chrysene-d12	21.65	240	294818	20.00	ng	0.00
86) Perylene-d12	24.85	264	277960	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	269319	125.46	ng	0.00
7) Phenol-d6	7.19	99	397726	124.18	ng	0.00
23) Nitrobenzene-d5	9.18	82	260737	85.85	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	186995	155.96	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	577582	85.06	ng	0.00
78) Terphenyl-d14	19.99	244	1088354	81.37	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.10	163	118639	14.886	ng	Qvalue # 99

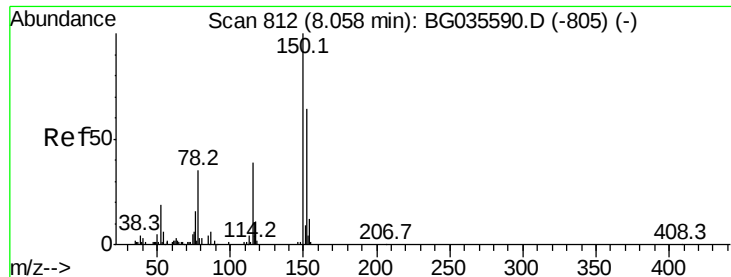
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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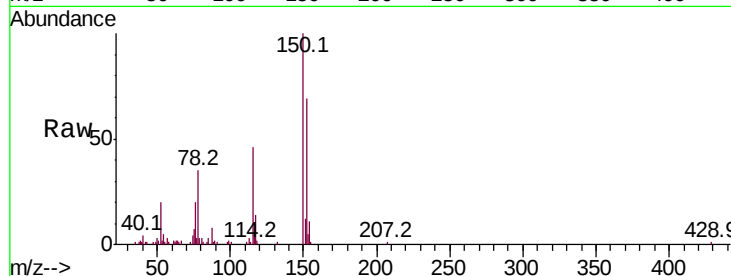


#1

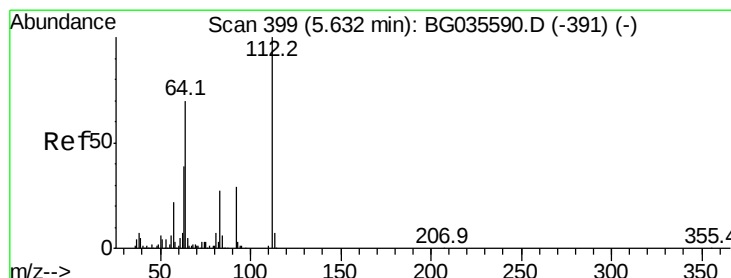
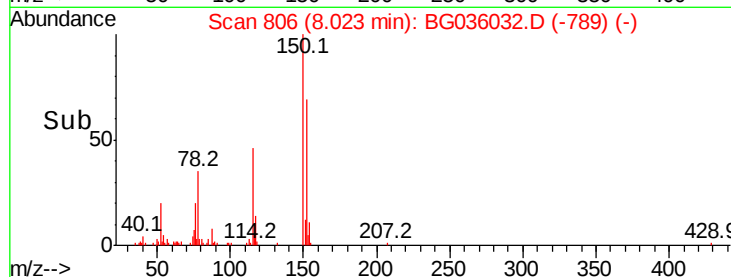
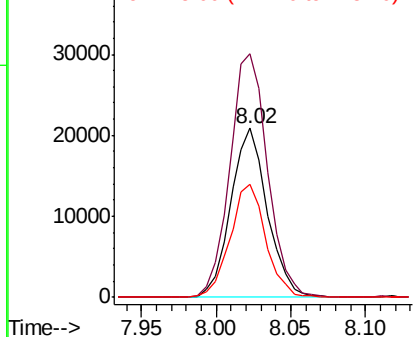
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036032.D
 Acq: 1 Aug 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 RVB-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.1	126.6	189.8
115	66.7	53.0	79.4



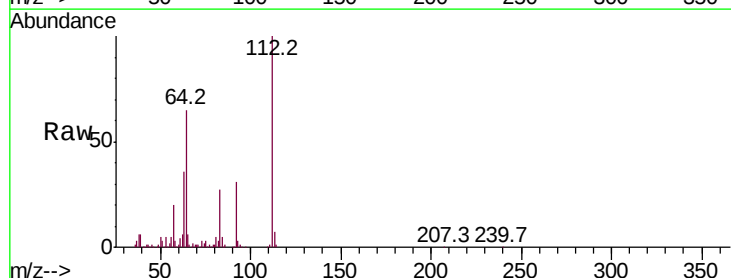
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



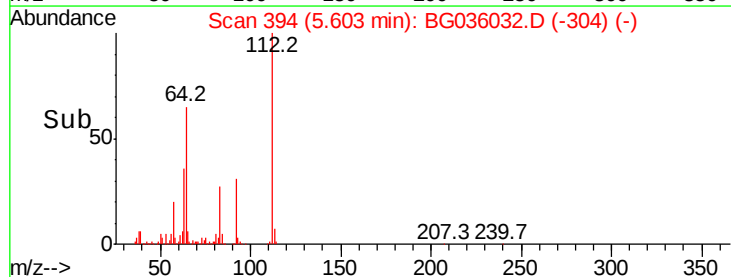
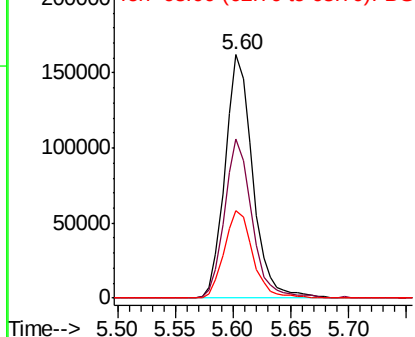
#5

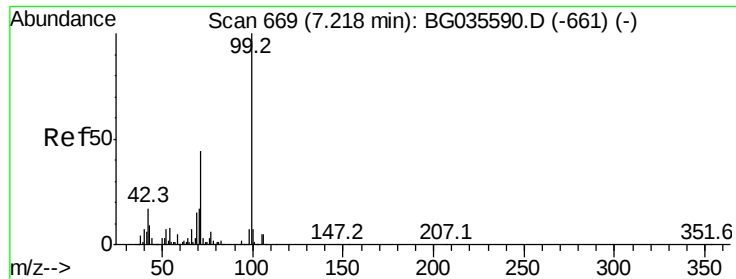
2-Fluorophenol
 Concen: 125.462 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG036032.D
 Acq: 1 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.5	56.3	84.5
63	36.2	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: 124.183 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036032.D

Acq: 1 Aug 2018 14:00

Instrument :

BNA_G

ClientSampleId :

RVB-1

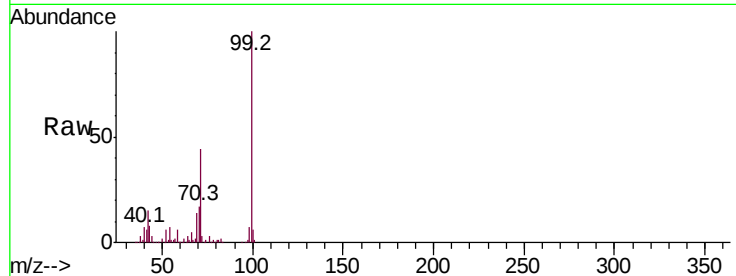
Tot Ion: 99 Resp: 397726

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 44.5 26.1 39.1#

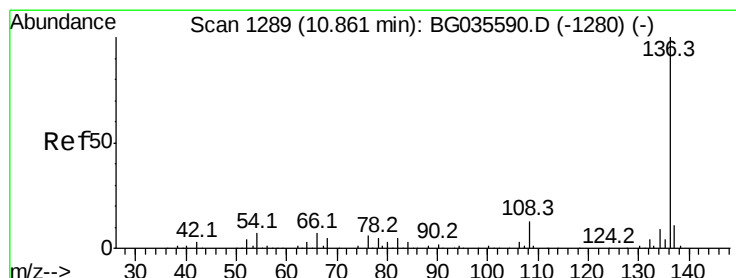
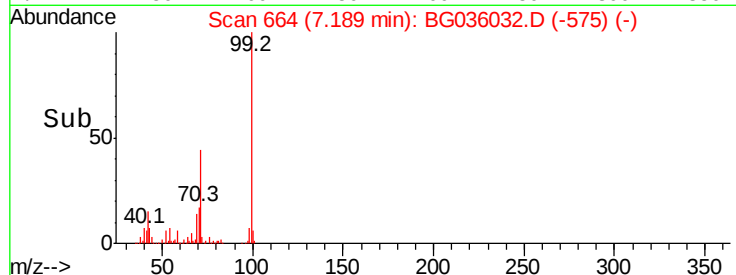
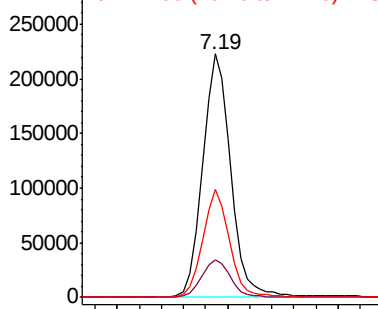


Abundance

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: BG036032.D

Acq: 1 Aug 2018 14:00

Tgt Ion: 136 Resp: 126879

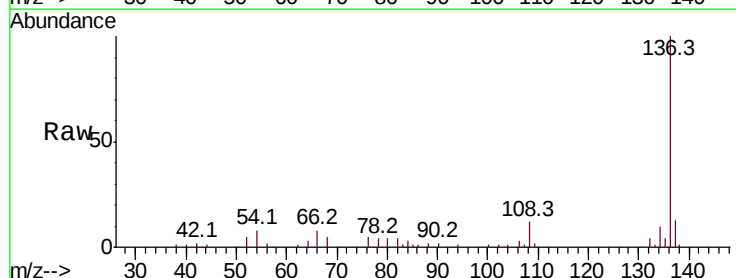
Ion Ratio Lower Upper

136 100

137 13.1 9.2 13.8

54 8.1 10.3 15.5#

68 4.9 4.5 6.7



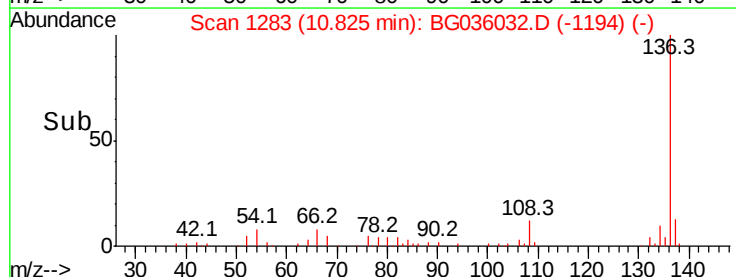
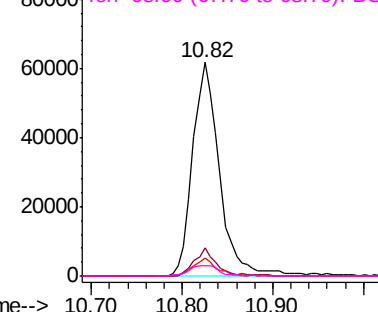
Abundance

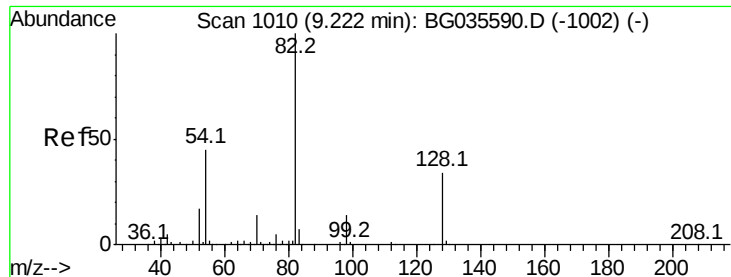
Ion 136.00 (135.70 to 136.70): BGC

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

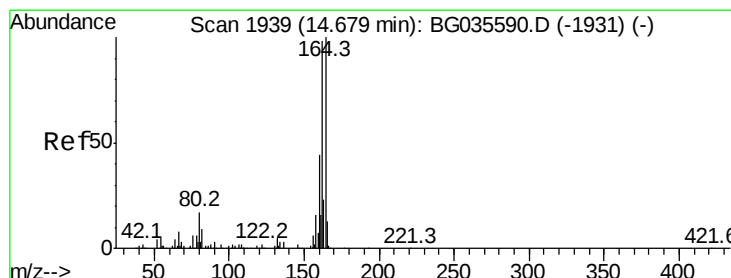
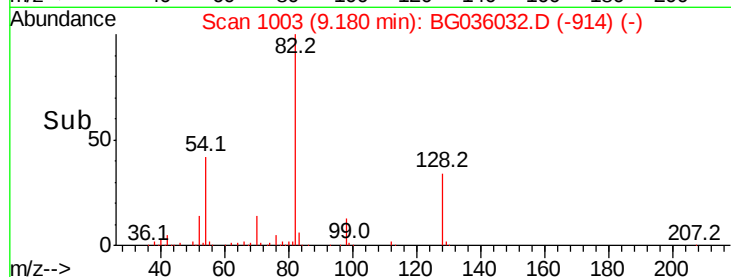
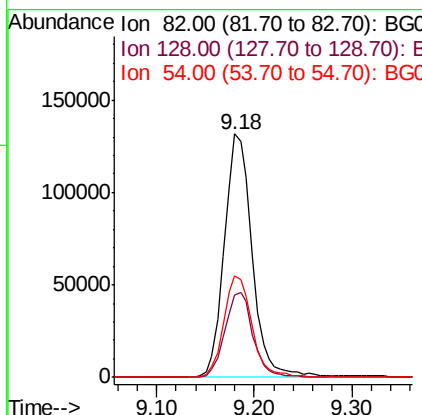
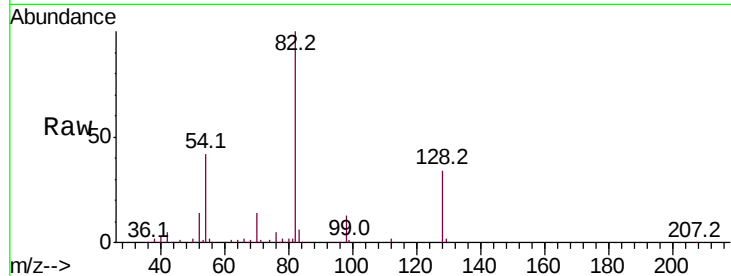




#23
 Nitrobenzene-d5
 Concen: 85.847 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036032.D
 Acq: 1 Aug 2018 14:00

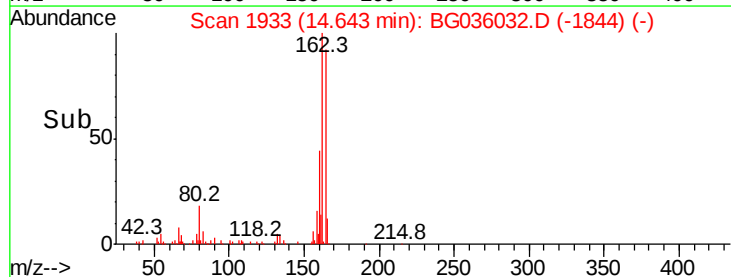
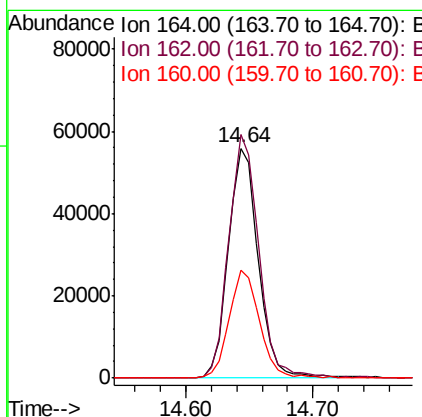
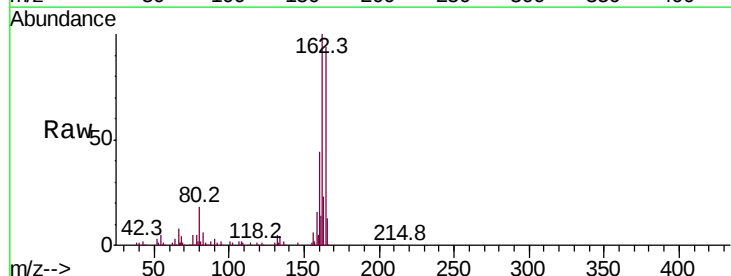
Instrument :
 BNA_G
 ClientSampleId :
 RVB-1

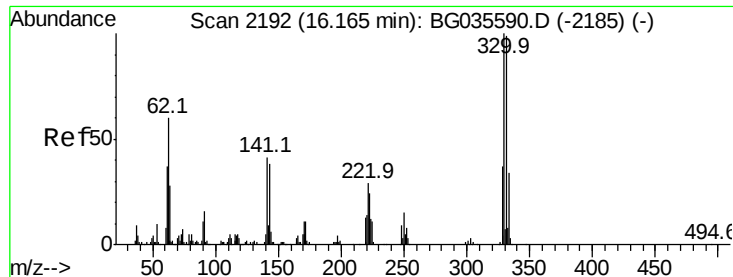
Tot Ion	82	Resp	260737
Ion Ratio	Lower	Upper	
82	100		
128	33.6	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036032.D
 Acq: 1 Aug 2018 14:00

Tgt Ion	164	Resp	90967
Ion Ratio	Lower	Upper	
164	100		
162	105.9	78.8	118.2
160	46.7	35.4	53.0

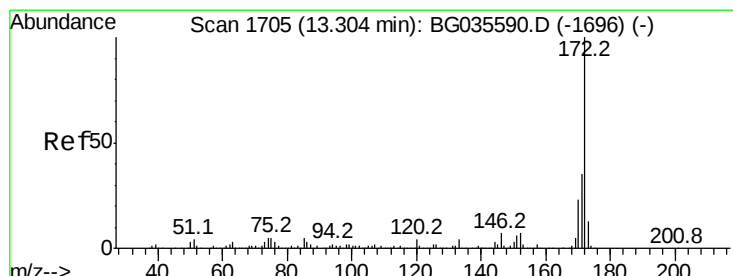
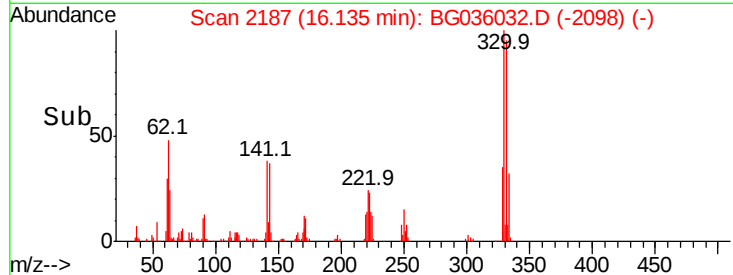
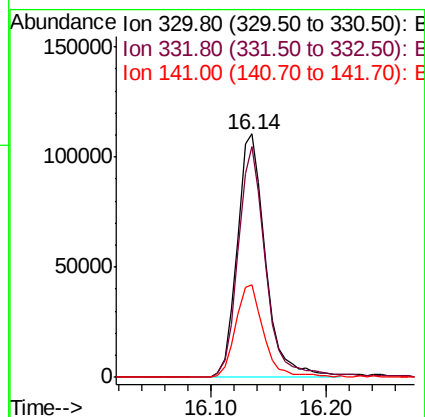
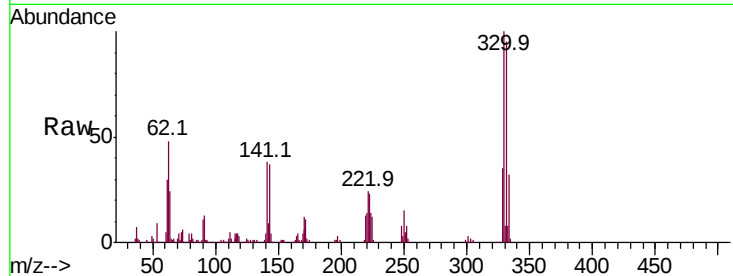




#41
2,4,6-Tribromophenol
Concen: 155.959 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036032.D
Acq: 1 Aug 2018 14:00

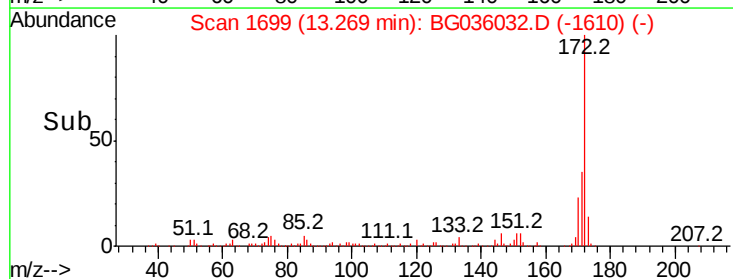
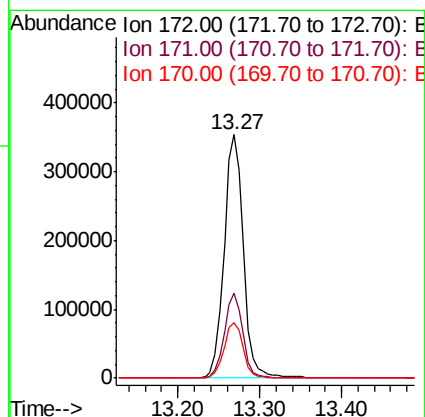
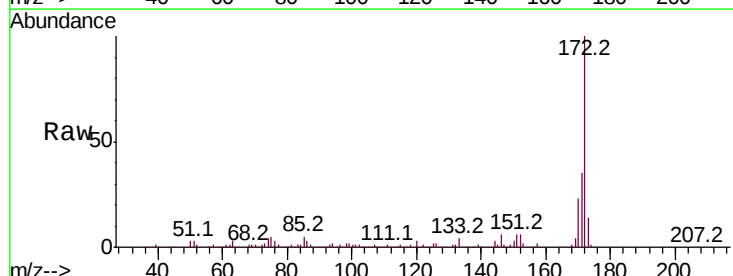
Instrument :
BNA_G
ClientSampled :
RVB-1

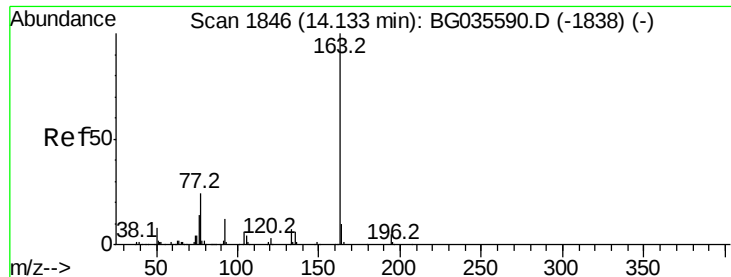
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.1	77.0	115.6
141	37.9	25.2	37.8#



#44
2-Fluorobiphenyl
Concen: 85.065 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036032.D
Acq: 1 Aug 2018 14:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.7	19.5	29.3

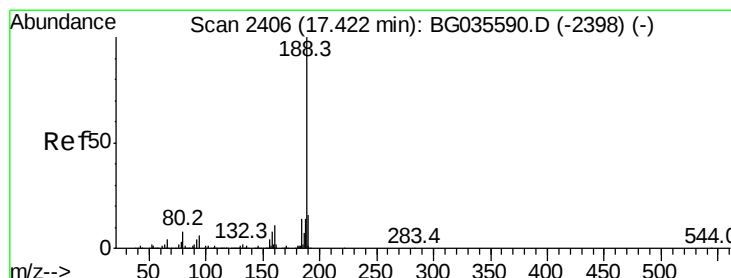
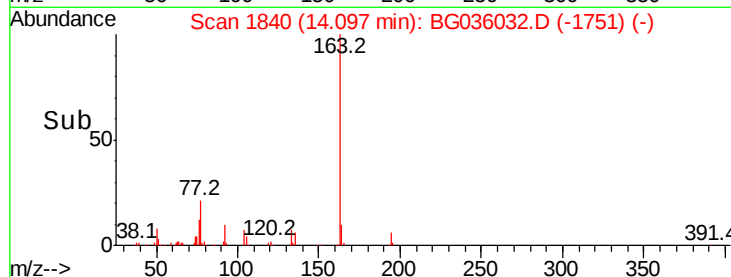
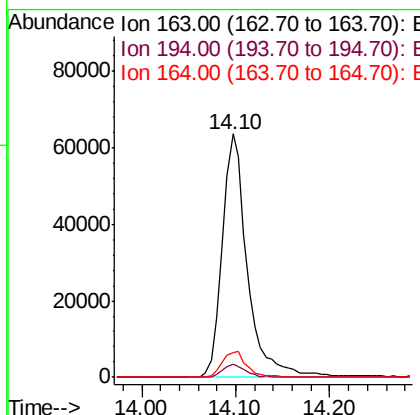
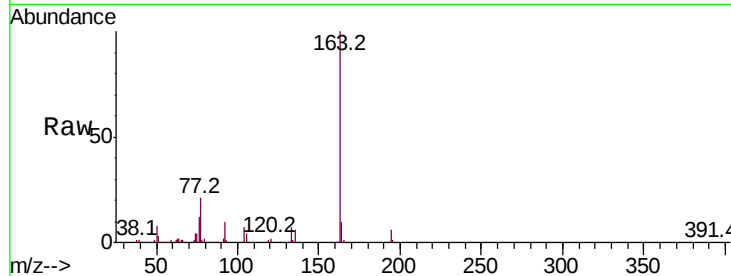




#49
Dimethylphthalate
Concen: 14.886 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG036032.D
Acq: 1 Aug 2018 14:00

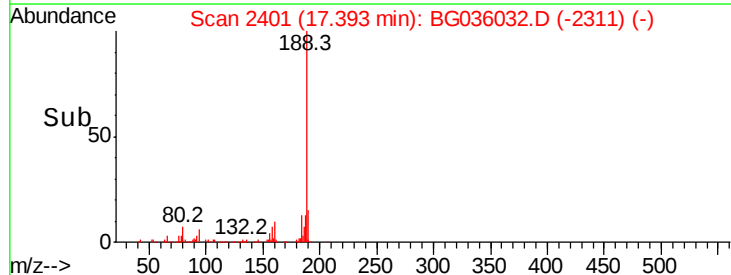
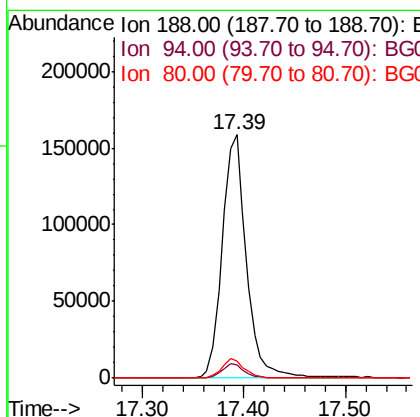
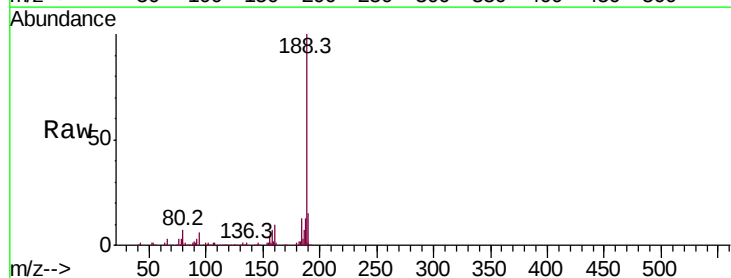
Instrument :
BNA_G
ClientSampleId :
RVB-1

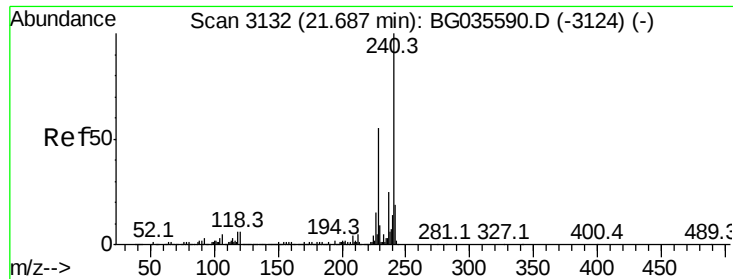
Tot Ion:163 Resp: 118639
Ion Ratio Lower Upper
163 100
194 5.6 3.4 5.2#
164 10.3 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036032.D
Acq: 1 Aug 2018 14:00

Tgt Ion:188 Resp: 262493
Ion Ratio Lower Upper
188 100
94 5.7 6.9 10.3#
80 6.9 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036032.D

Acq: 1 Aug 2018 14:00

Instrument :

BNA_G

ClientSampleId :

RVB-1

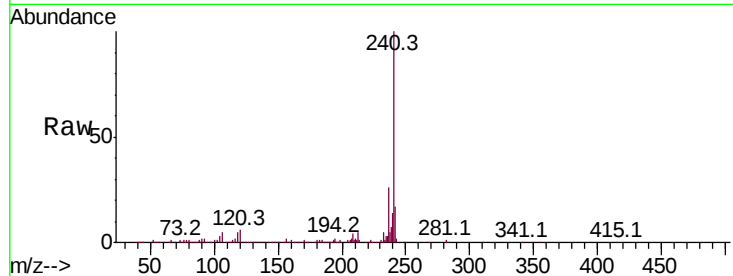
Tot Ion:240 Resp: 294818

Ion Ratio Lower Upper

240 100

120 5.9 6.8 10.2#

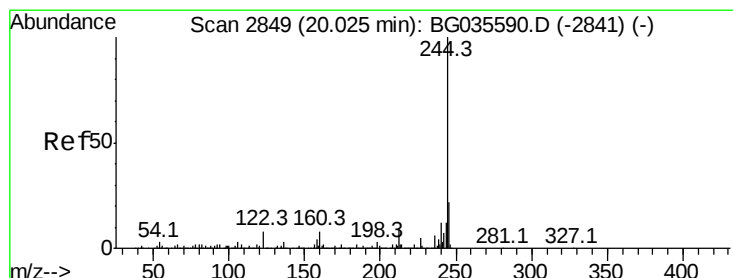
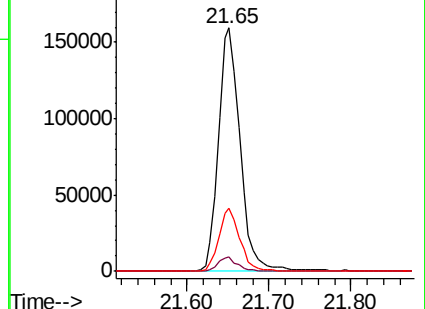
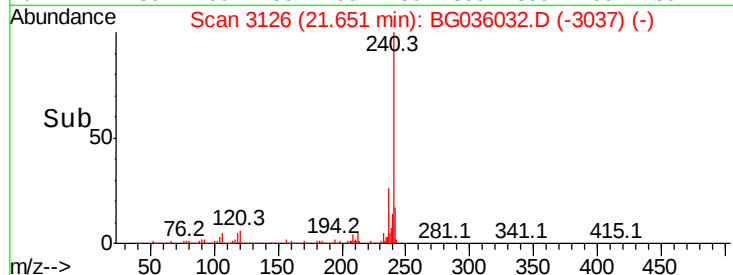
236 25.9 20.9 31.3



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: 81.374 ng

RT: 19.99 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG036032.D

Acq: 1 Aug 2018 14:00

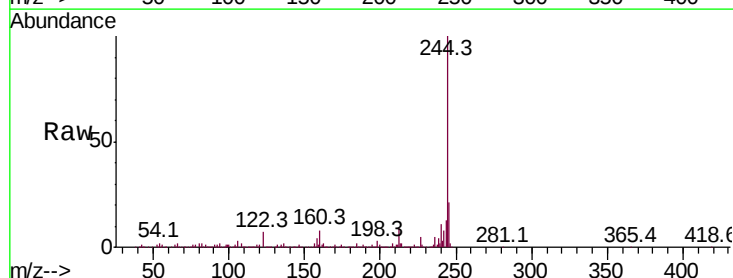
Tgt Ion:244 Resp: 1088354

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

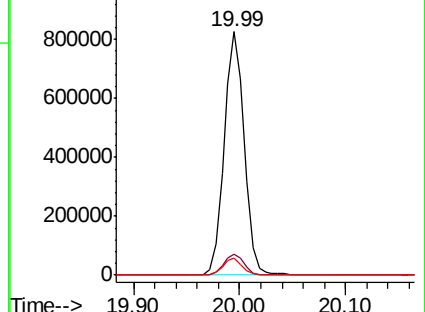
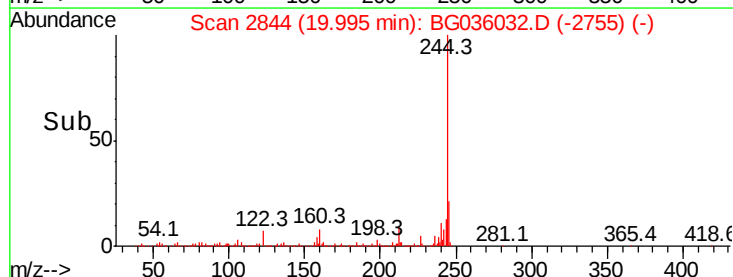
122 6.8 7.0 10.4#

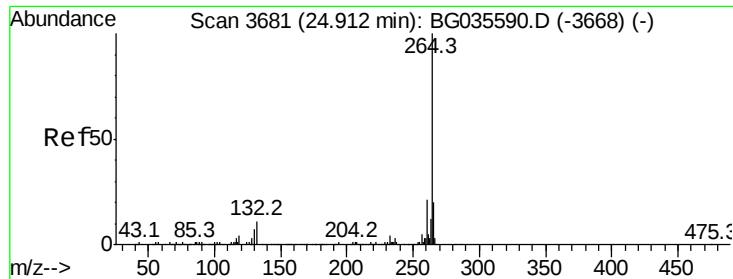


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3670
 Delta R.T. -0.01 min
 Lab File: BG036032.D
 Acq: 1 Aug 2018 14:00

Instrument :
 BNA_G
 ClientSampleId :
 RVB-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.2	17.7	26.5

