

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036063.D
 Acq On : 2 Aug 2018 16:49
 Operator : JU/SJ
 Sample : J4262-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GW-02

Quant Time: Aug 02 18:48:42 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	29065	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	108486	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	78964	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	219096	20.00	ng	0.00
75) Chrysene-d12	21.65	240	242786	20.00	ng	0.00
86) Perylene-d12	24.84	264	226078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	116575	66.59	ng	0.00
7) Phenol-d6	7.19	99	101343	38.80	ng	0.00
23) Nitrobenzene-d5	9.18	82	245985	94.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	164546	158.10	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	579313	98.29	ng	0.00
78) Terphenyl-d14	20.00	244	1110538	100.83	ng	0.00

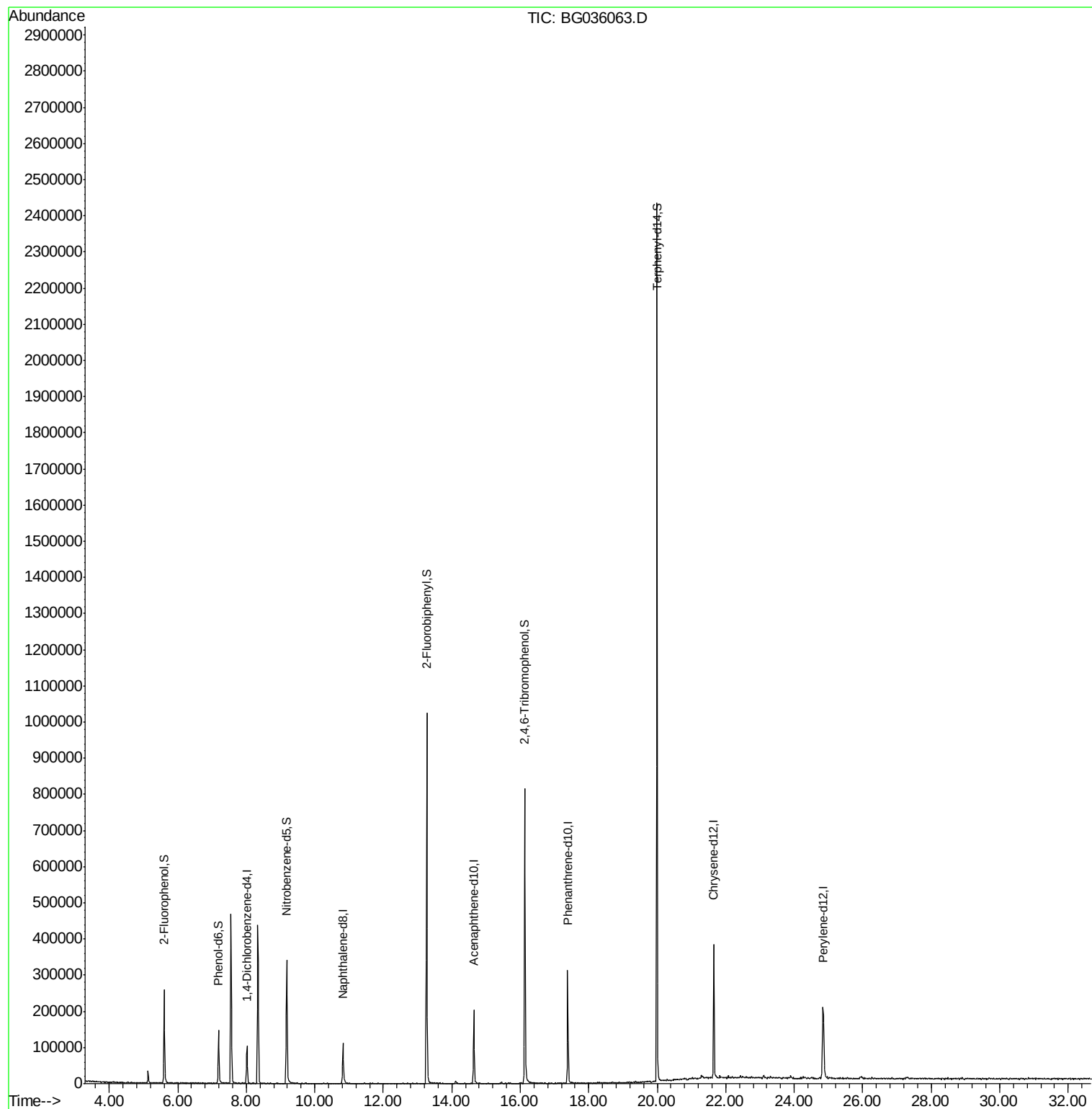
Target Compounds Qvalue

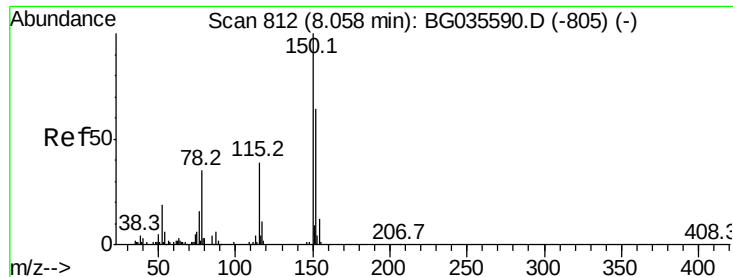
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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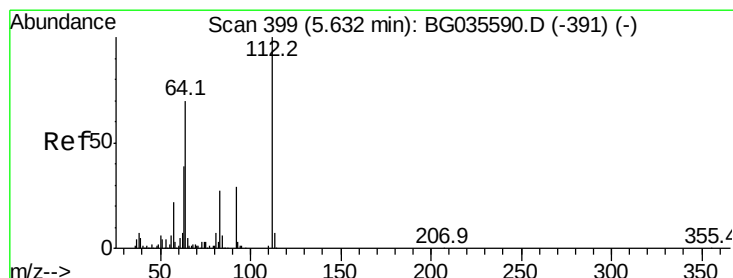
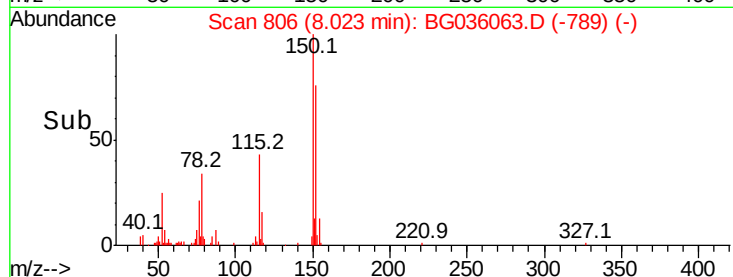
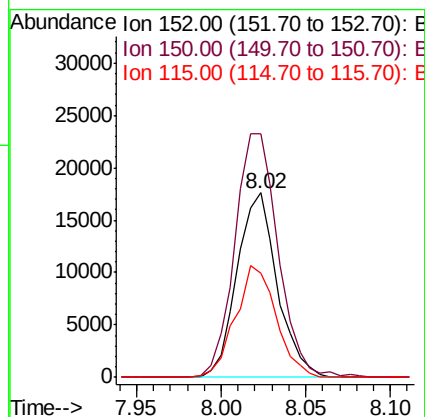
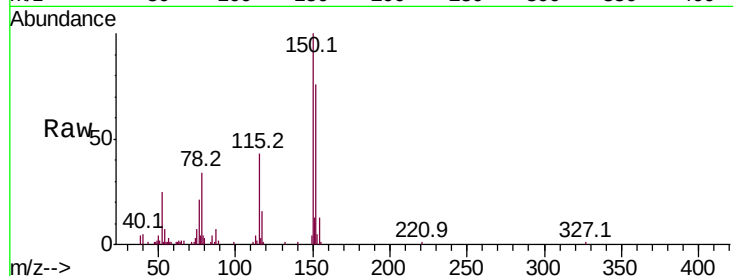


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Instrument :
 BNA_G
 ClientSampleId :
 GW-02

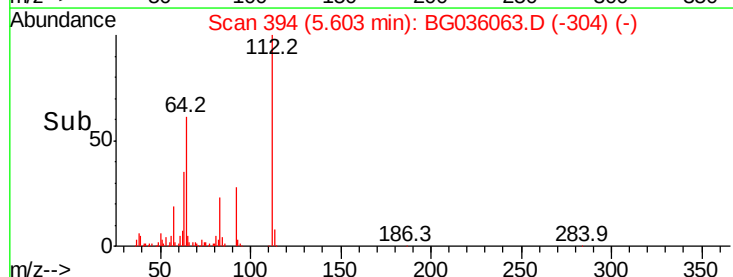
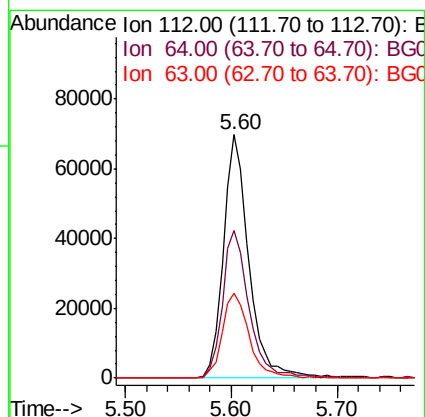
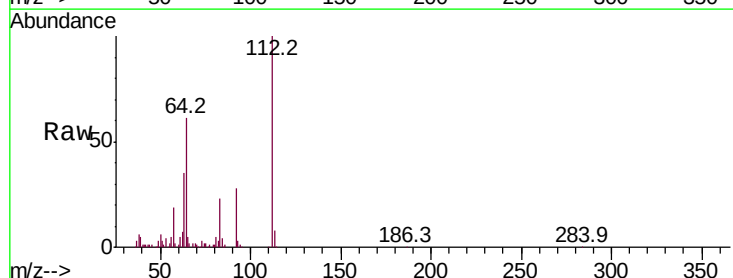
Tot Ion	Ratio	Lower	Upper
152	100		
150	132.0	126.6	189.8
115	56.3	53.0	79.4

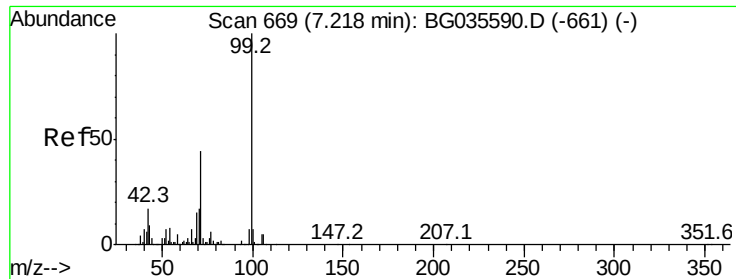


#5

2-Fluorophenol
 Concen: 66.589 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	56.3	84.5
63	35.0	30.1	45.1





#7

Phenol-d6

Concen: 38.800 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Instrument :

BNA_G

ClientSampleId :

GW-02

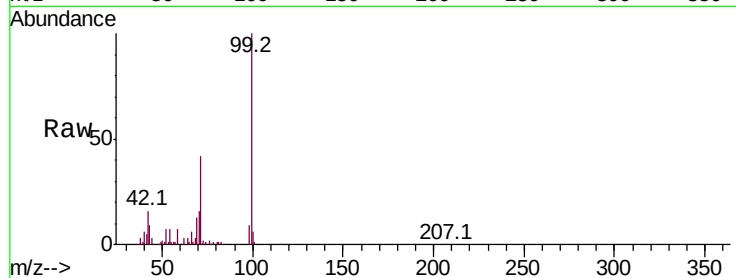
Tot Ion: 99 Resp: 101343

Ion Ratio Lower Upper

99 100

42 16.0 14.1 21.1

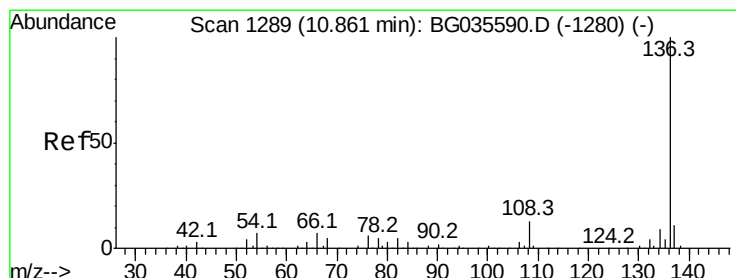
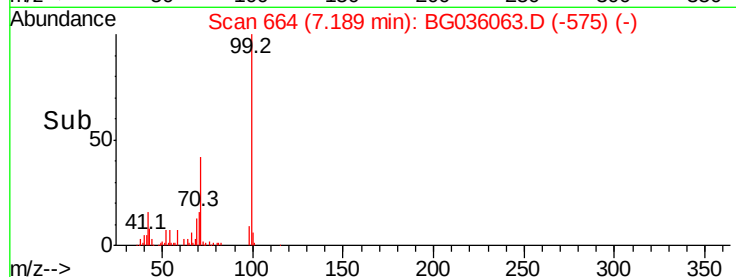
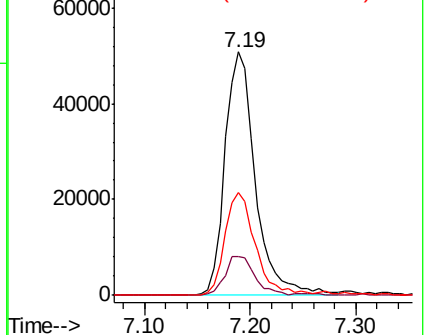
71 42.2 26.1 39.1#



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: 10.82 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BG036063.D

Acq: 2 Aug 2018 16:49

Tgt Ion: 136 Resp: 108486

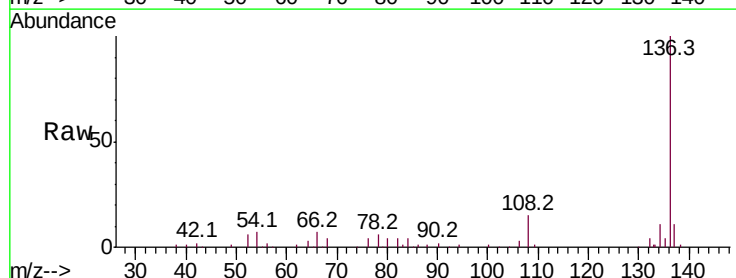
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 6.7 10.3 15.5#

68 4.3 4.5 6.7#

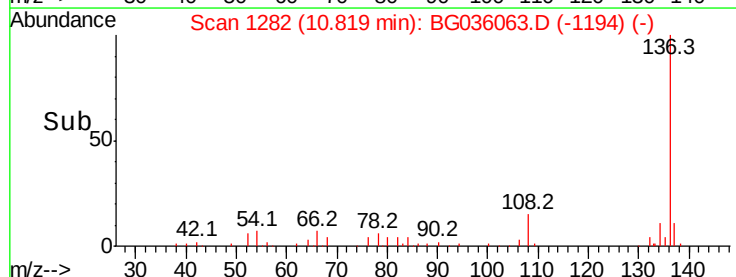
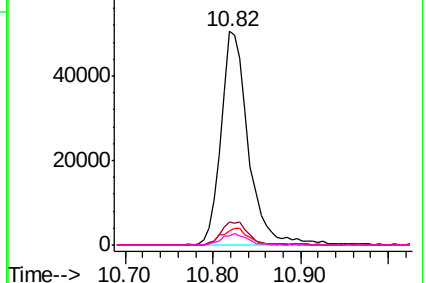


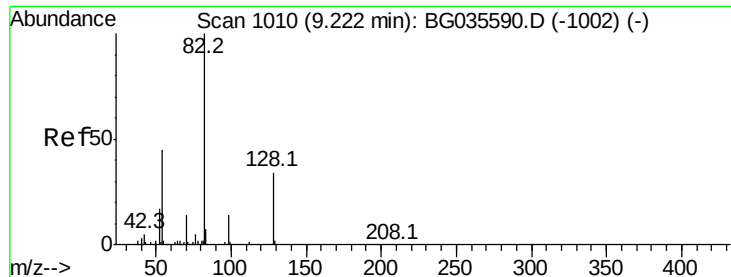
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

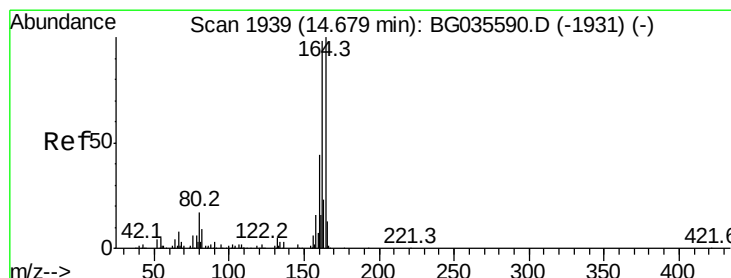
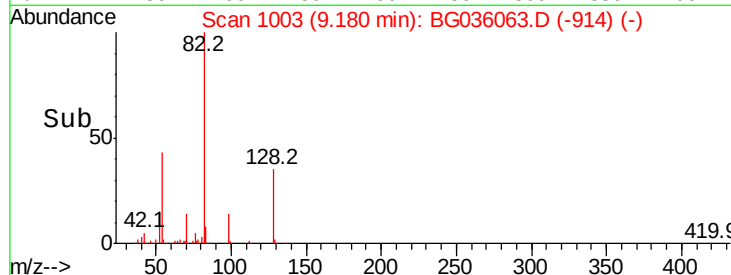
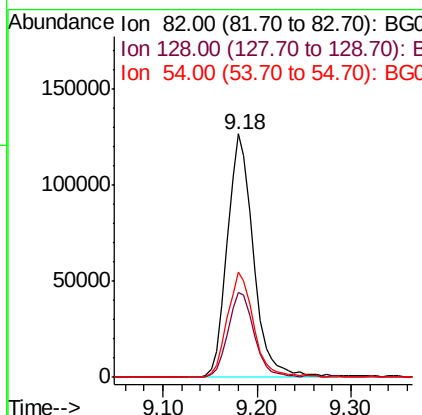
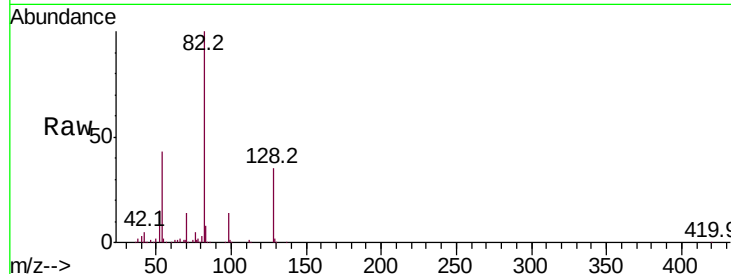




#23
 Nitrobenzene-d5
 Concen: 94.721 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

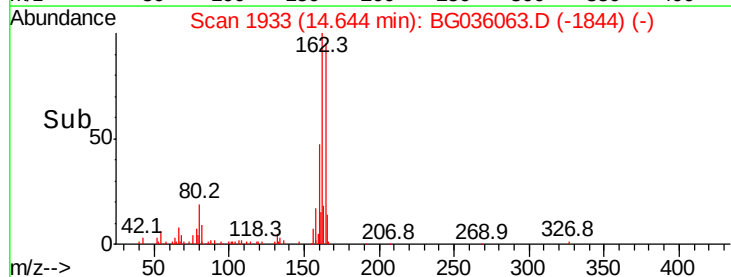
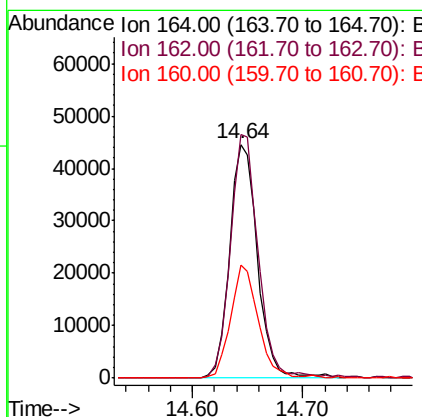
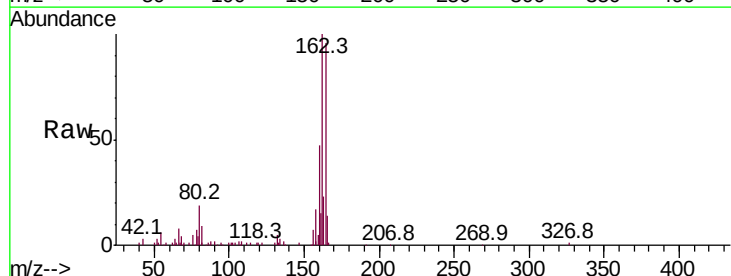
Instrument :
 BNA_G
 ClientSampleId :
 GW-02

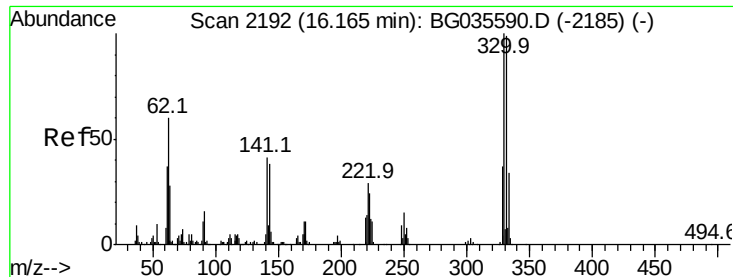
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	43.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	48.5	35.4	53.0

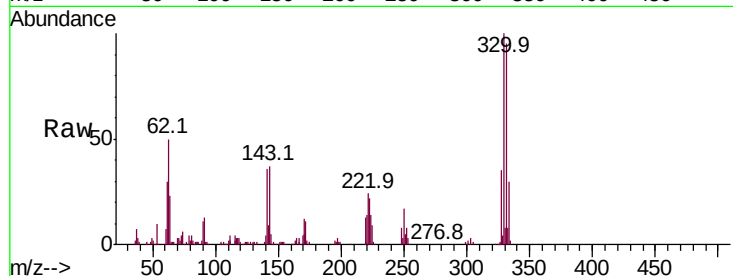




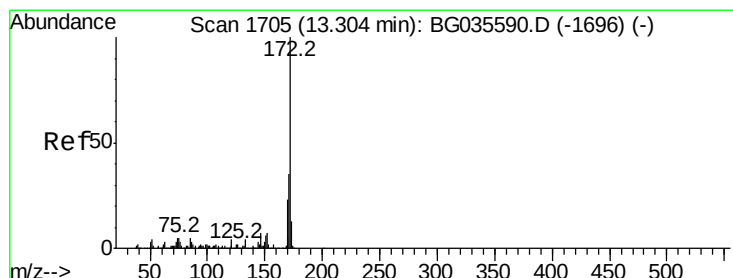
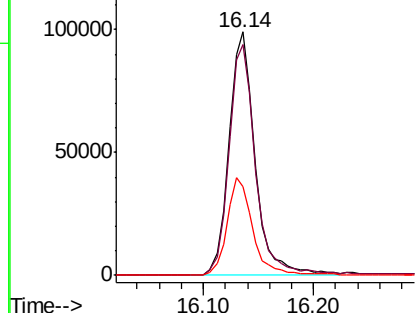
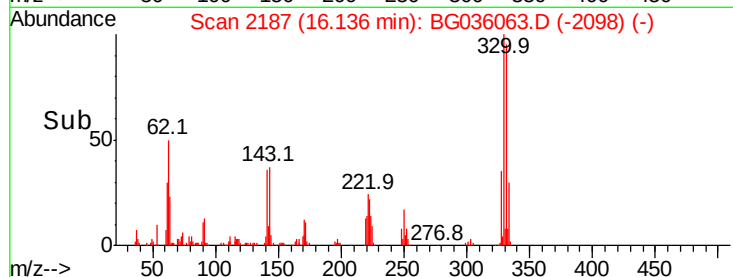
#41
 2,4,6-Tribromophenol
 Concen: 158.096 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Instrument :
 BNA_G
 ClientSampled :
 GW-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	39.0	25.2	37.8#

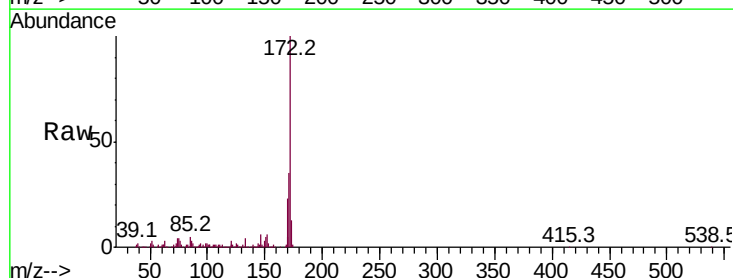


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

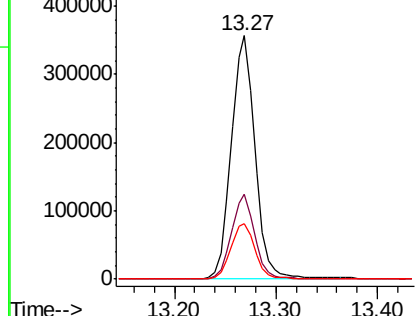
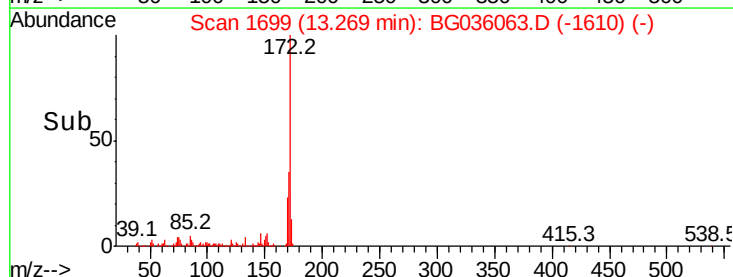


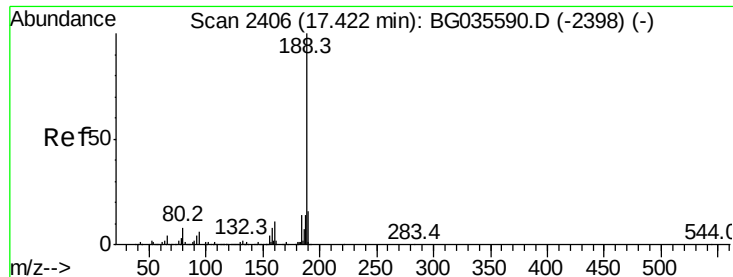
#44
 2-Fluorobiphenyl
 Concen: 98.289 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.0	45.0
170	22.8	19.5	29.3



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

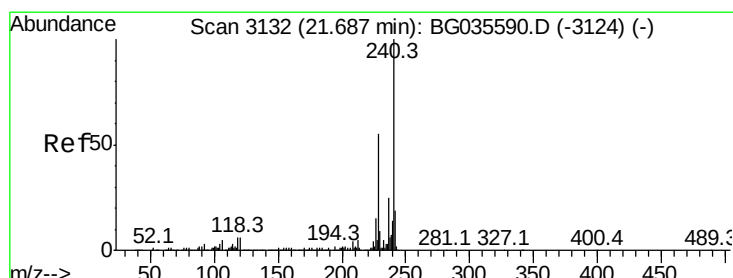
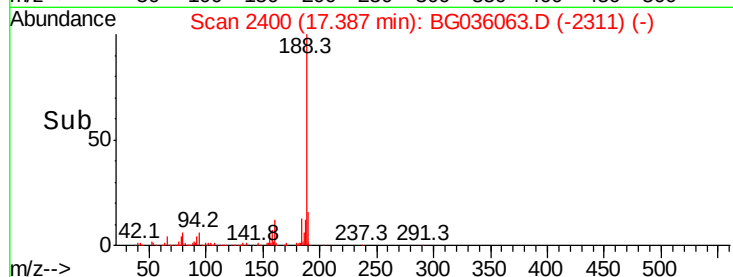
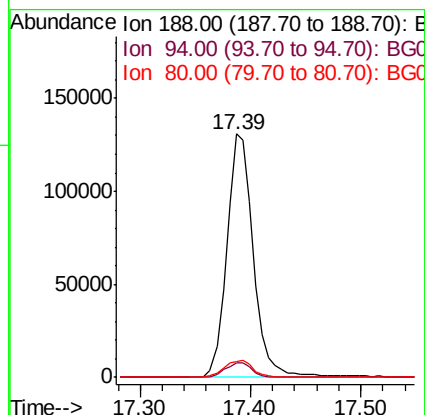
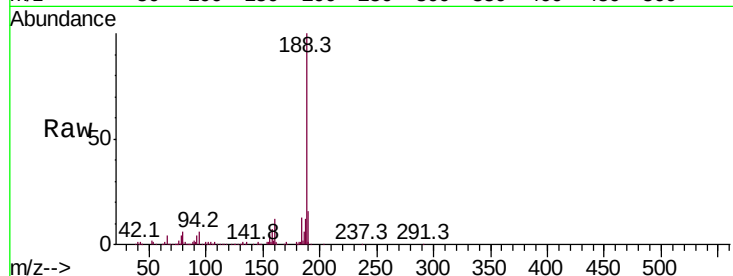




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

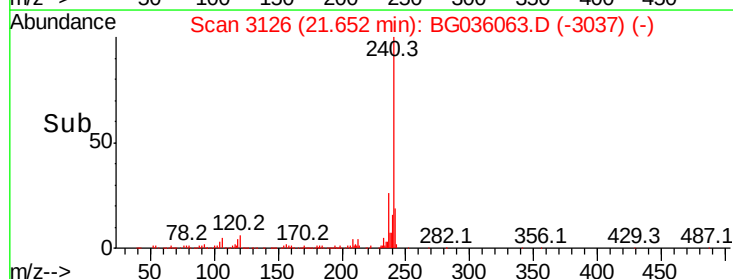
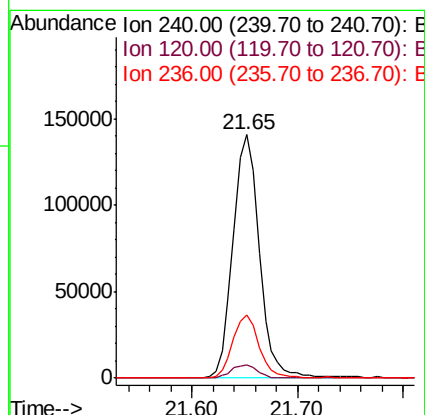
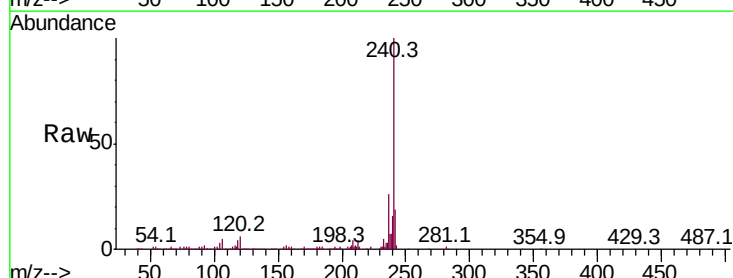
Instrument :
BNA_G
ClientSampleId :
GW-02

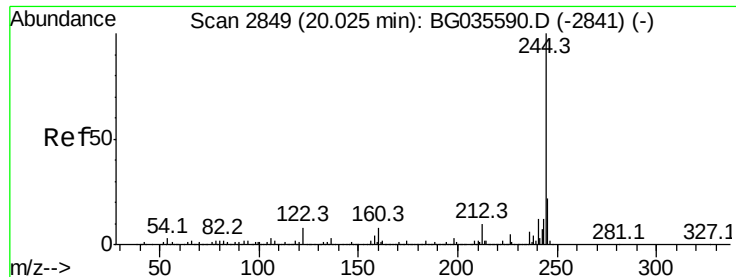
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036063.D
Acq: 2 Aug 2018 16:49

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.6	6.8	10.2#
236	26.1	20.9	31.3

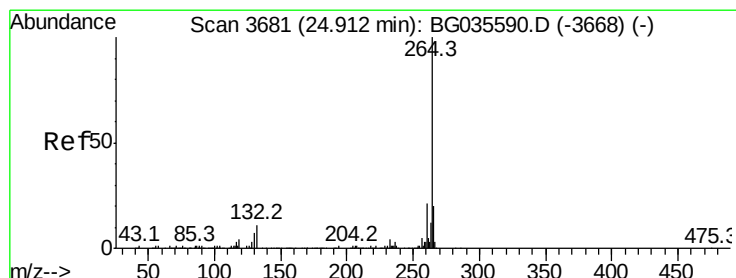
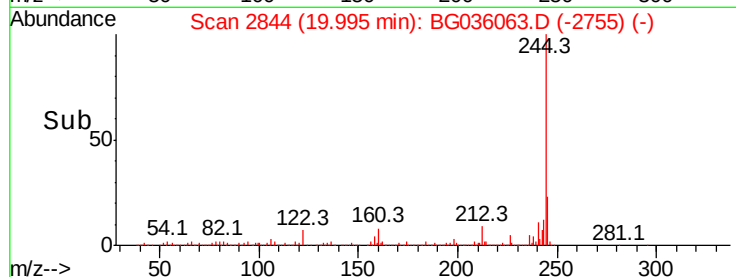
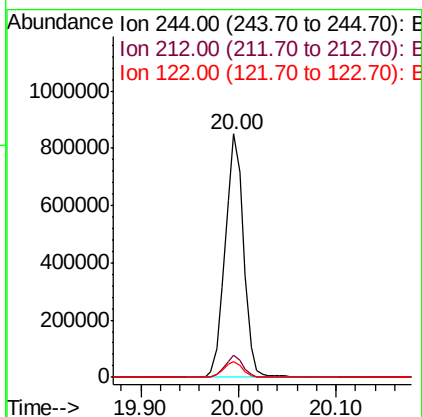
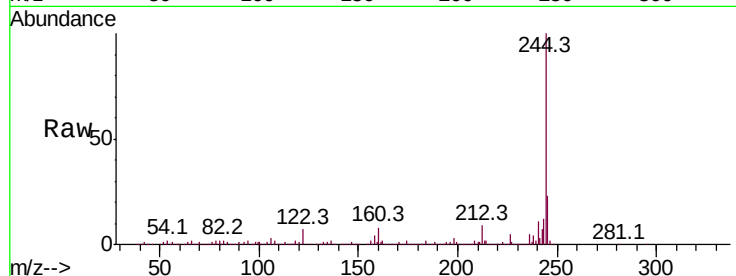




#78
 Terphenyl-d14
 Concen: 100.828 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Instrument :
 BNA_G
 ClientSampled :
 GW-02

Tot Ion:244 Resp: 1110538
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 6.7 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3669
 Delta R.T. -0.02 min
 Lab File: BG036063.D
 Acq: 2 Aug 2018 16:49

Tgt Ion:264 Resp: 226078
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.4 26.0
 265 21.4 17.7 26.5

