

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035996.D
 Acq On : 31 Jul 2018 5:18
 Operator : JU/SJ
 Sample : J4219-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-D-B

Quant Time: Jul 31 07:43:25 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 01:42:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32951	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	120789	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92651	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	263720	20.00	ng	0.00
75) Chrysene-d12	21.65	240	277772	20.00	ng	0.00
86) Perylene-d12	24.85	264	249585	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	94129	47.43	ng	0.00
7) Phenol-d6	7.19	99	89400	30.19	ng	0.00
23) Nitrobenzene-d5	9.18	82	275699	95.35	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	124937	102.31	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	698230	100.96	ng	0.00
78) Terphenyl-d14	20.00	244	1141184	90.56	ng	0.00

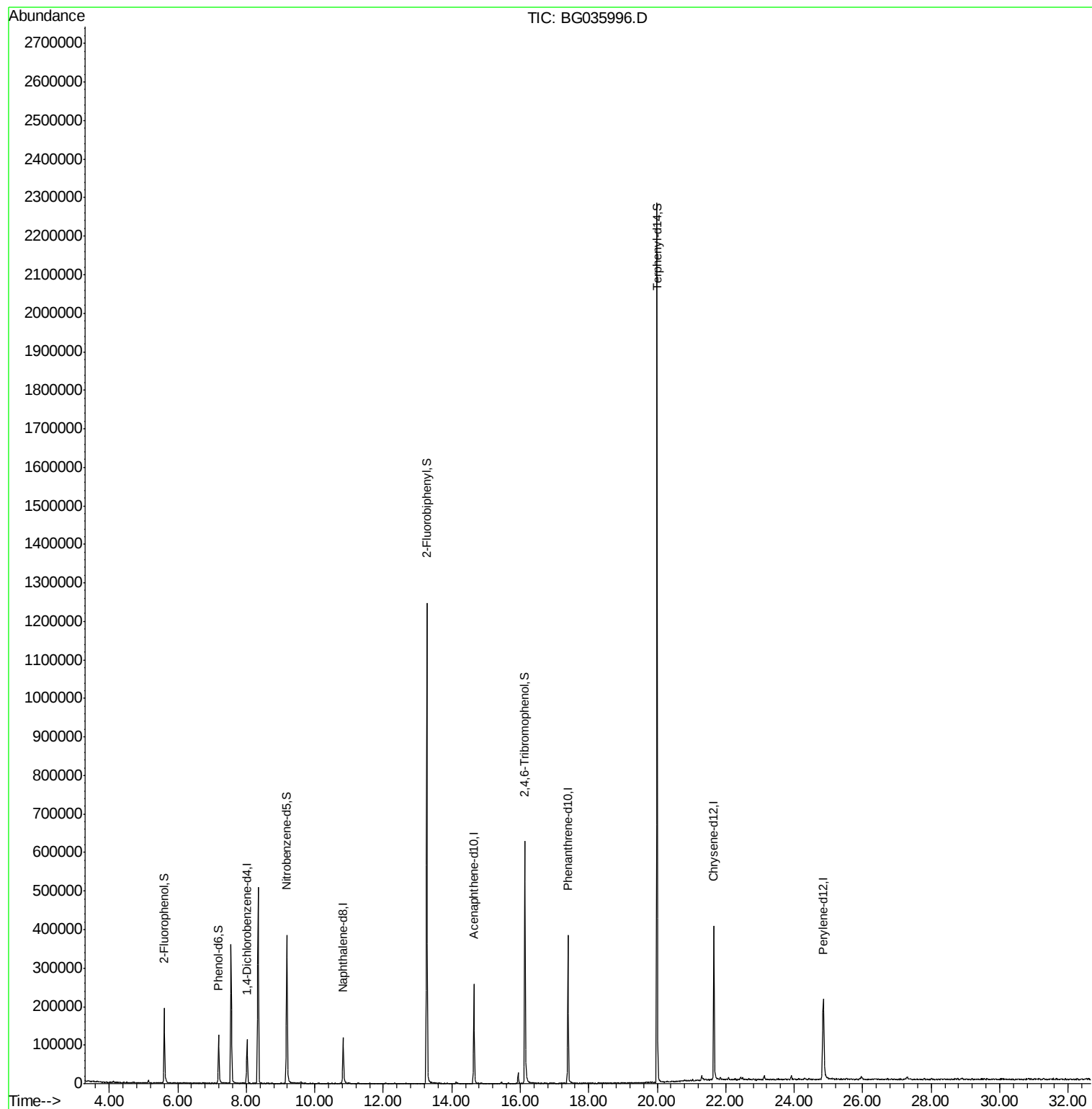
Target Compounds Qvalue

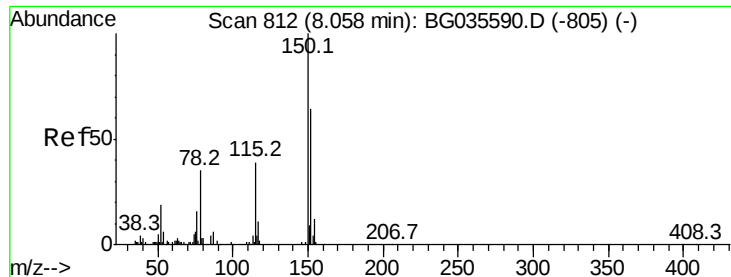
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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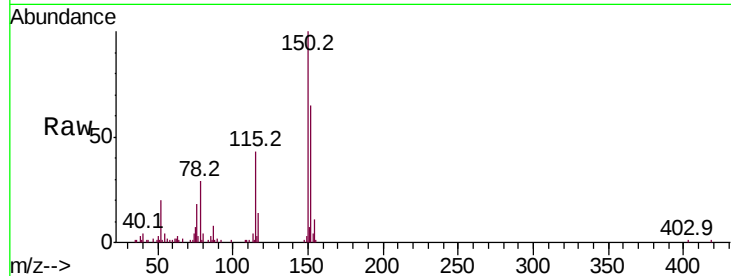


#1

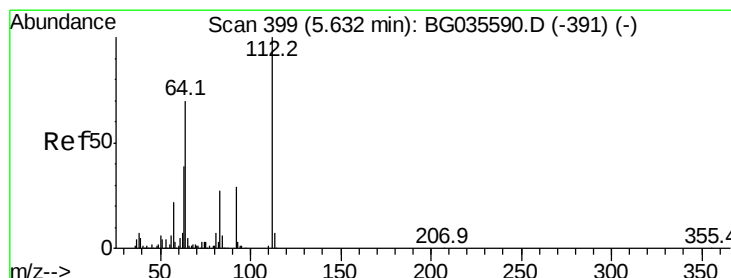
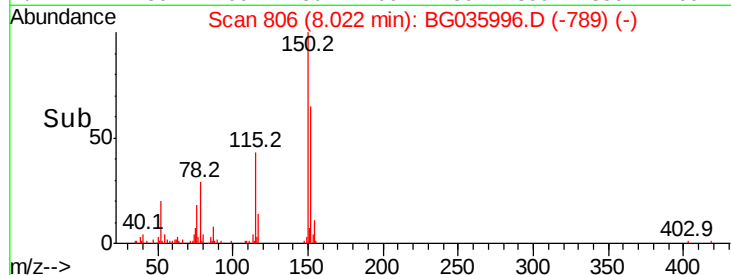
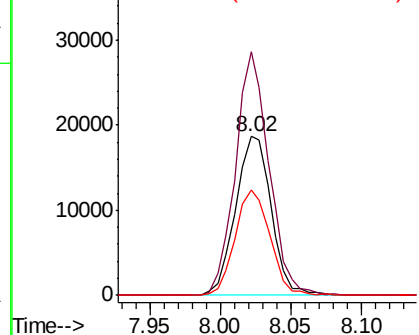
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-D-B

Tot Ion	152	Resp	32951
Ion Ratio	Lower	Upper	
152	100		
150	153.2	126.6	189.8
115	66.3	53.0	79.4



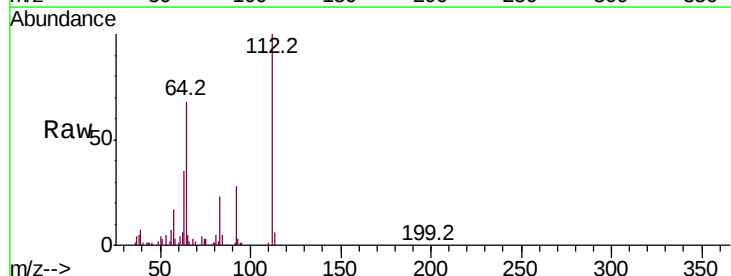
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



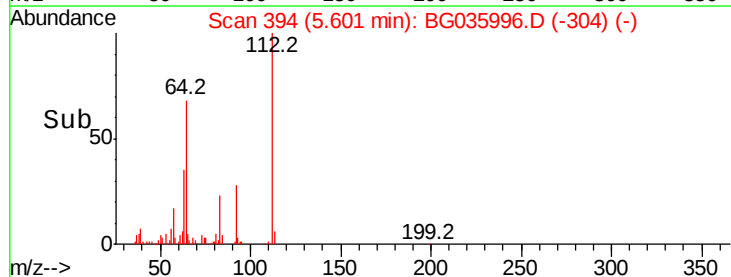
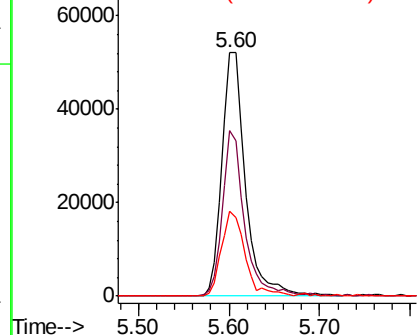
#5

2-Fluorophenol
 Concen: 47.427 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

Tgt Ion	112	Resp	94129
Ion Ratio	Lower	Upper	
112	100		
64	68.0	56.3	84.5
63	34.8	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 30.191 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035996.D

Acq: 31 Jul 2018 5:18

Instrument :

BNA_G

ClientSampleId :

072618-TIPC-F-D-B

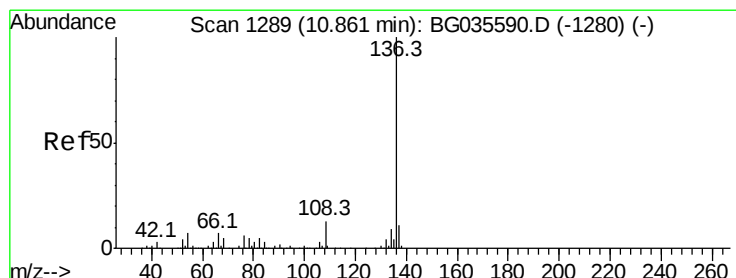
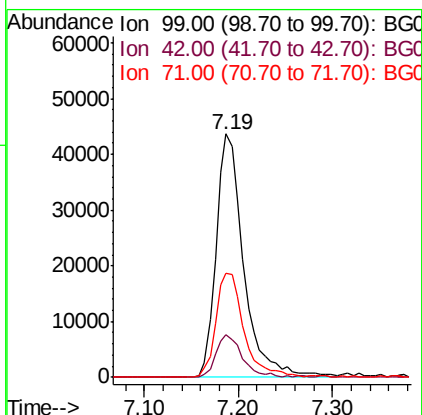
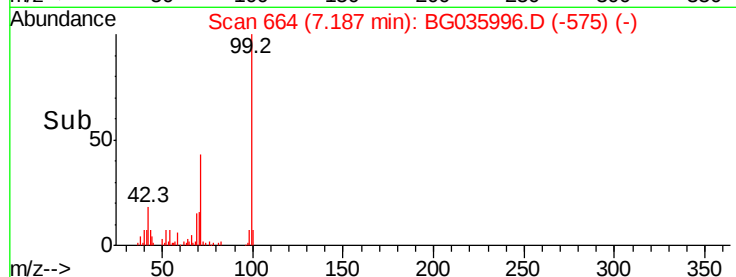
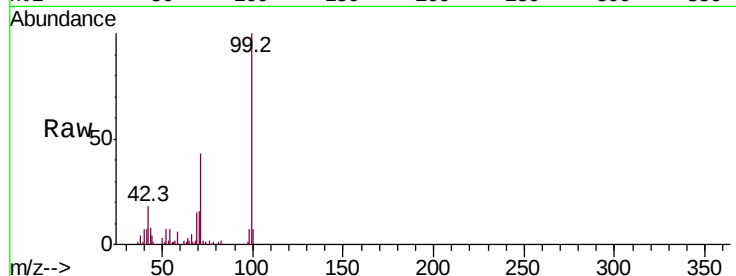
Tot Ion: 99 Resp: 89400

Ion Ratio Lower Upper

99 100

42 17.6 14.1 21.1

71 42.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035996.D

Acq: 31 Jul 2018 5:18

Tgt Ion: 136 Resp: 120789

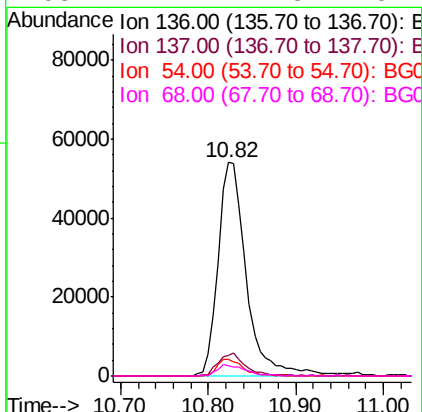
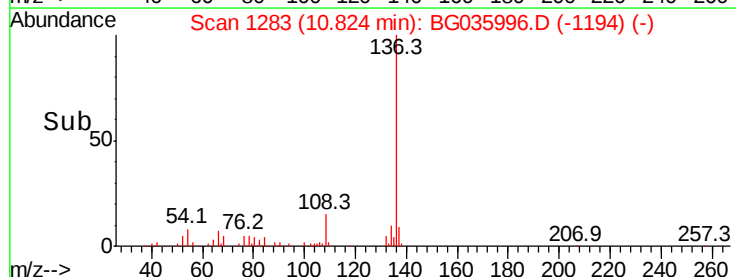
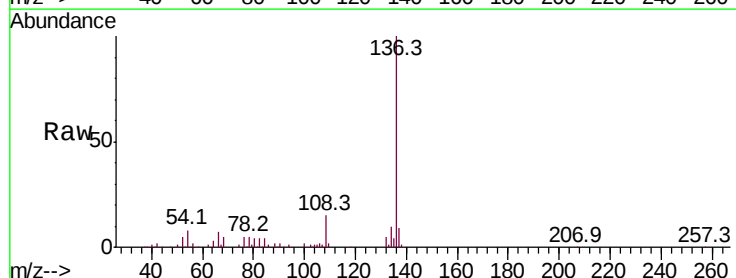
Ion Ratio Lower Upper

136 100

137 9.3 9.2 13.8

54 7.8 10.3 15.5#

68 4.7 4.5 6.7

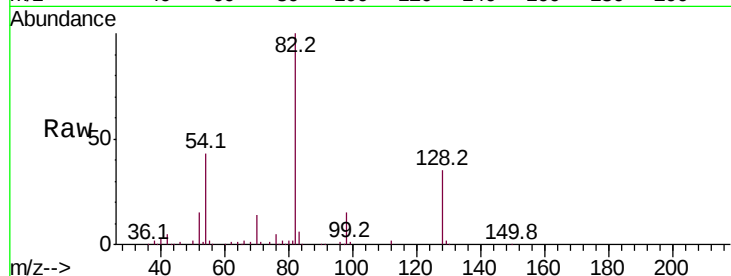




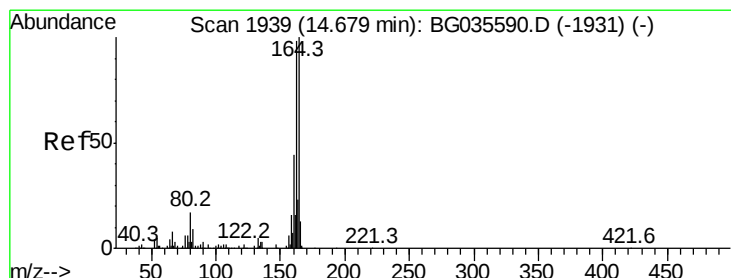
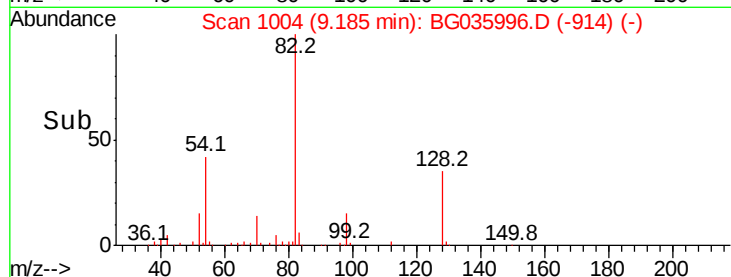
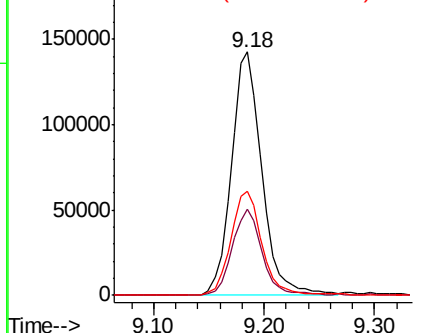
#23
 Nitrobenzene-d5
 Concen: 95.350 ng
 RT: 9.18 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-D-B

Tot Ion: 82 Resp: 275699
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 42.6 43.1 64.7#

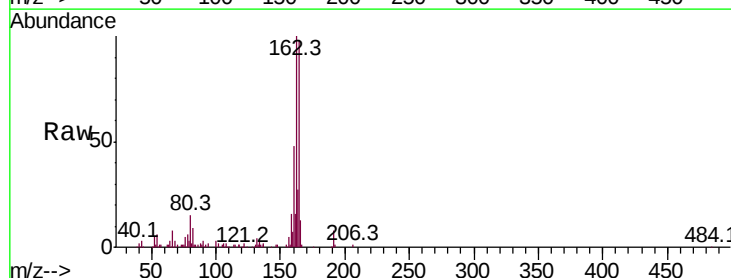


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

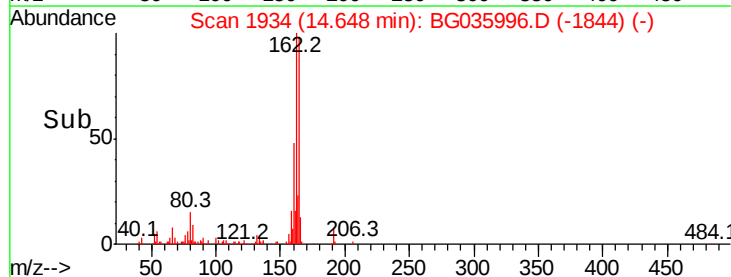
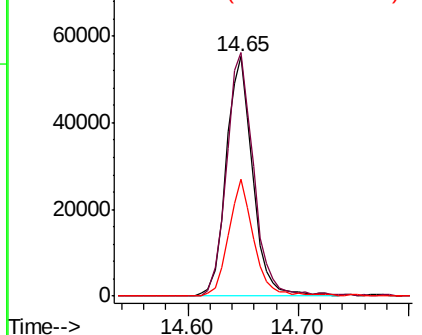


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

Tgt Ion:164 Resp: 92651
 Ion Ratio Lower Upper
 164 100
 162 101.7 78.8 118.2
 160 48.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

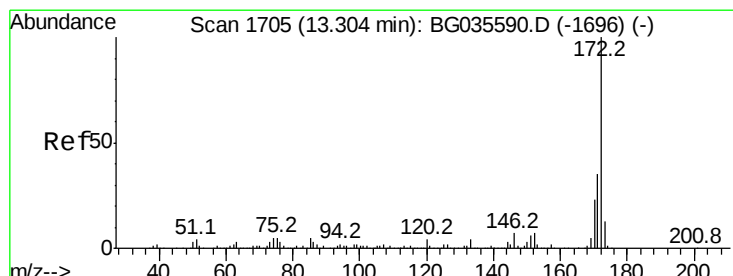
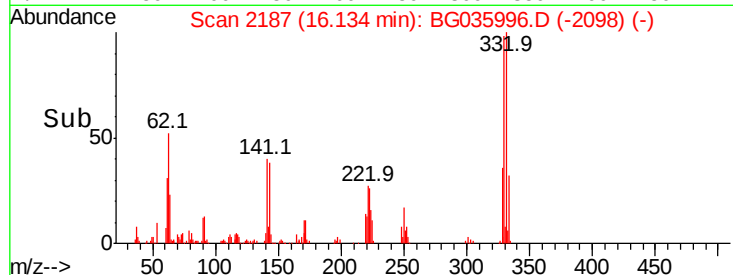
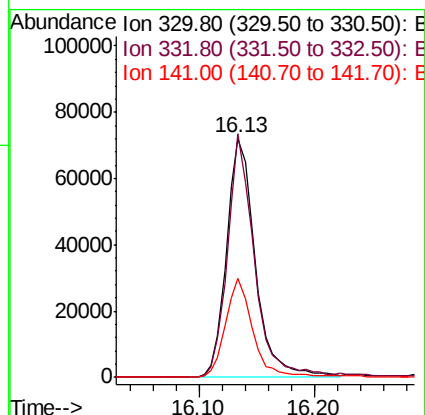
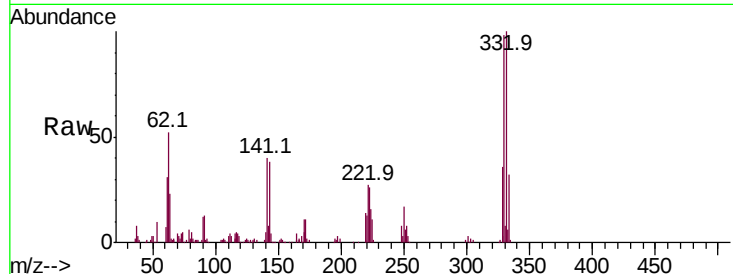




#41
 2,4,6-Tribromophenol
 Concen: 102.307 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

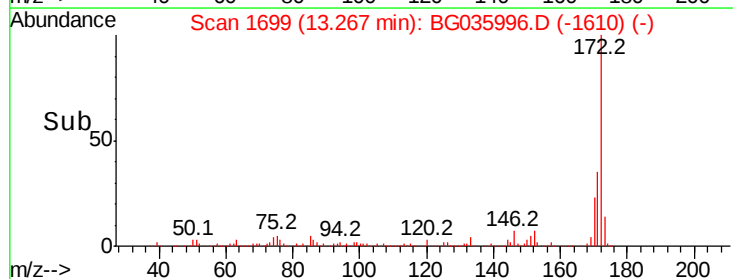
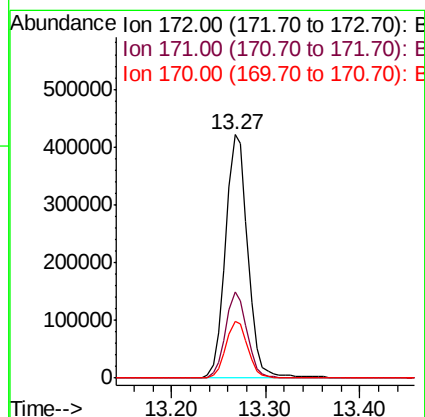
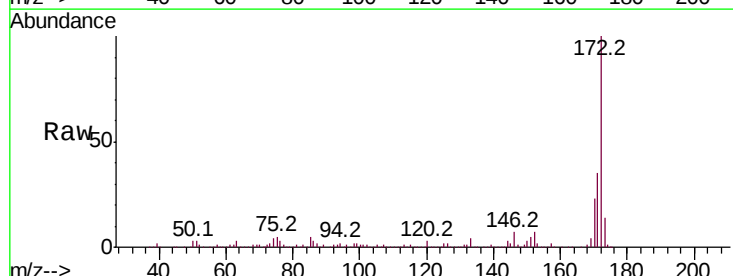
Instrument :
 BNA_G
 ClientSampleId :
 072618-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	39.3	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 100.965 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035996.D
 Acq: 31 Jul 2018 5:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	23.4	19.5	29.3

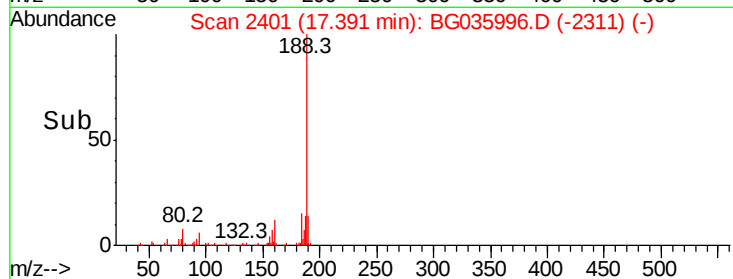
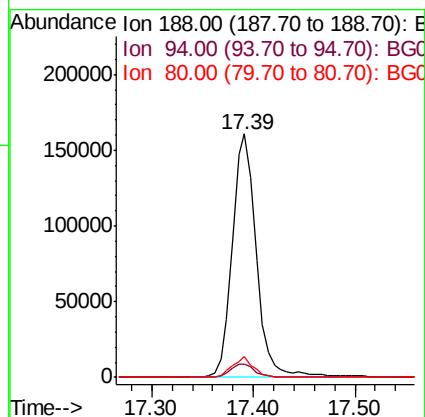
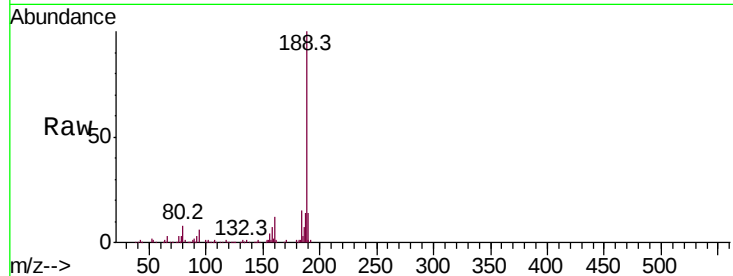




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035996.D
Acq: 31 Jul 2018 5:18

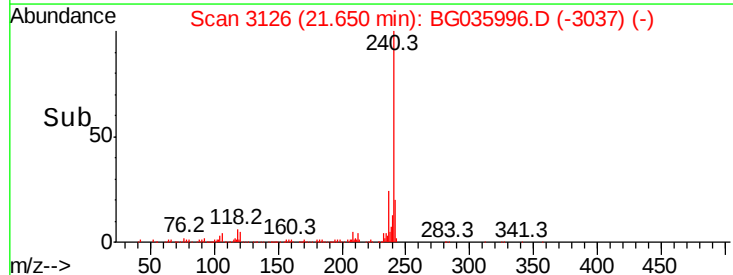
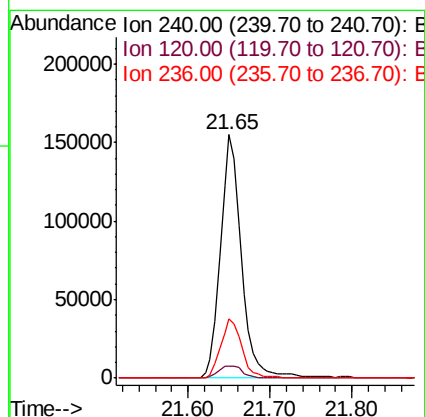
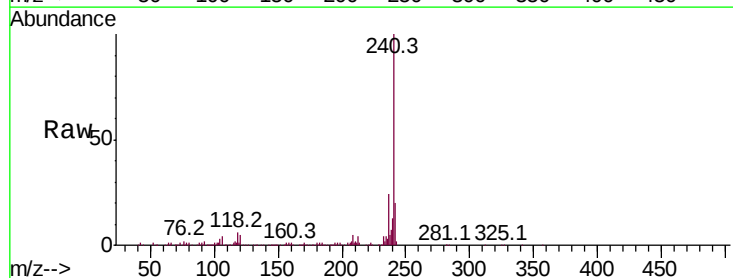
Instrument :
BNA_G
ClientSampleId :
072618-TIPC-F-D-B

Tot Ion:188 Resp: 263720
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 8.4 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: BG035996.D
Acq: 31 Jul 2018 5:18

Tgt Ion:240 Resp: 277772
Ion Ratio Lower Upper
240 100
120 4.9 6.8 10.2#
236 24.3 20.9 31.3





#78

Terphenyl-d14

Concen: 90.560 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035996.D

Acq: 31 Jul 2018 5:18

Instrument :

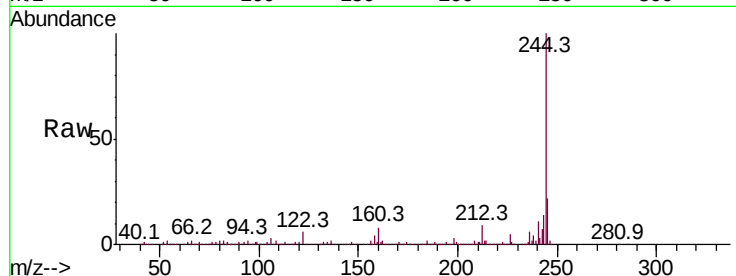
BNA_G

ClientSampleId :

072618-TIPC-F-D-B

Tot Ion:244 Resp: 1141184

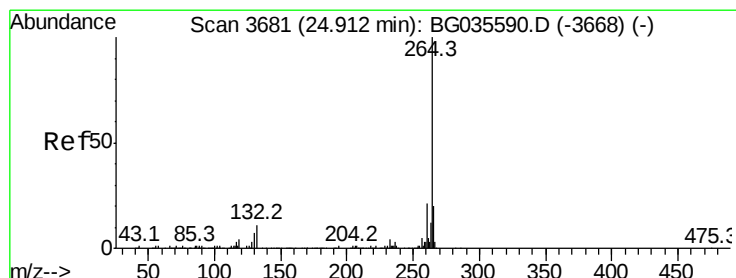
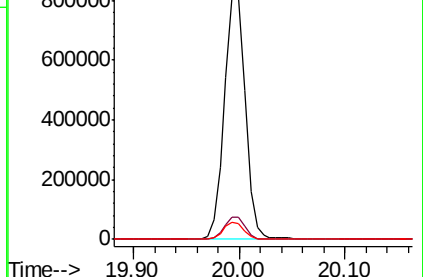
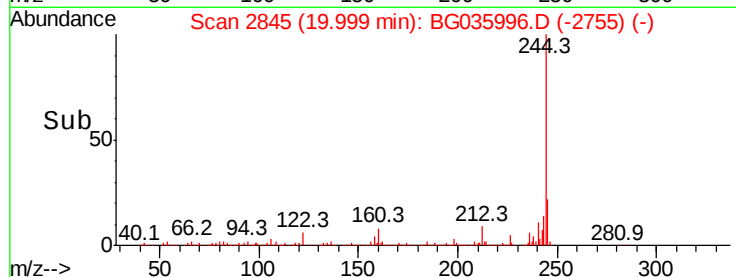
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	6.3	7.0	10.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

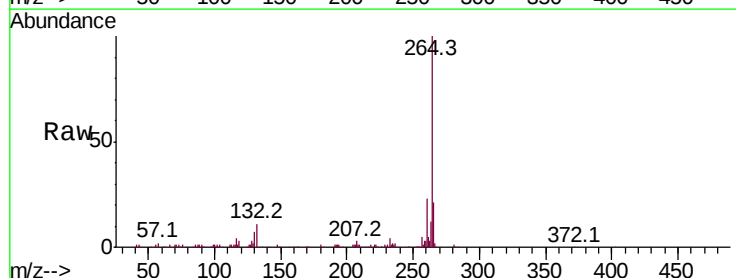
Delta R.T. -0.01 min

Lab File: BG035996.D

Acq: 31 Jul 2018 5:18

Tgt Ion:264 Resp: 249585

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	21.2	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

