

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035994.D
 Acq On : 31 Jul 2018 4:00
 Operator : JU/SJ
 Sample : J4219-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-U-M

Quant Time: Jul 31 06:03:55 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	40258	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	147068	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	111919	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	307825	20.00	ng	0.00
75) Chrysene-d12	21.65	240	316433	20.00	ng	0.00
86) Perylene-d12	24.85	264	299170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	114828	47.35	ng	0.00
7) Phenol-d6	7.19	99	110030	30.41	ng	0.00
23) Nitrobenzene-d5	9.19	82	349502	99.28	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	151610	102.77	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	857299	102.62	ng	0.00
78) Terphenyl-d14	20.00	244	1320023	91.95	ng	0.00

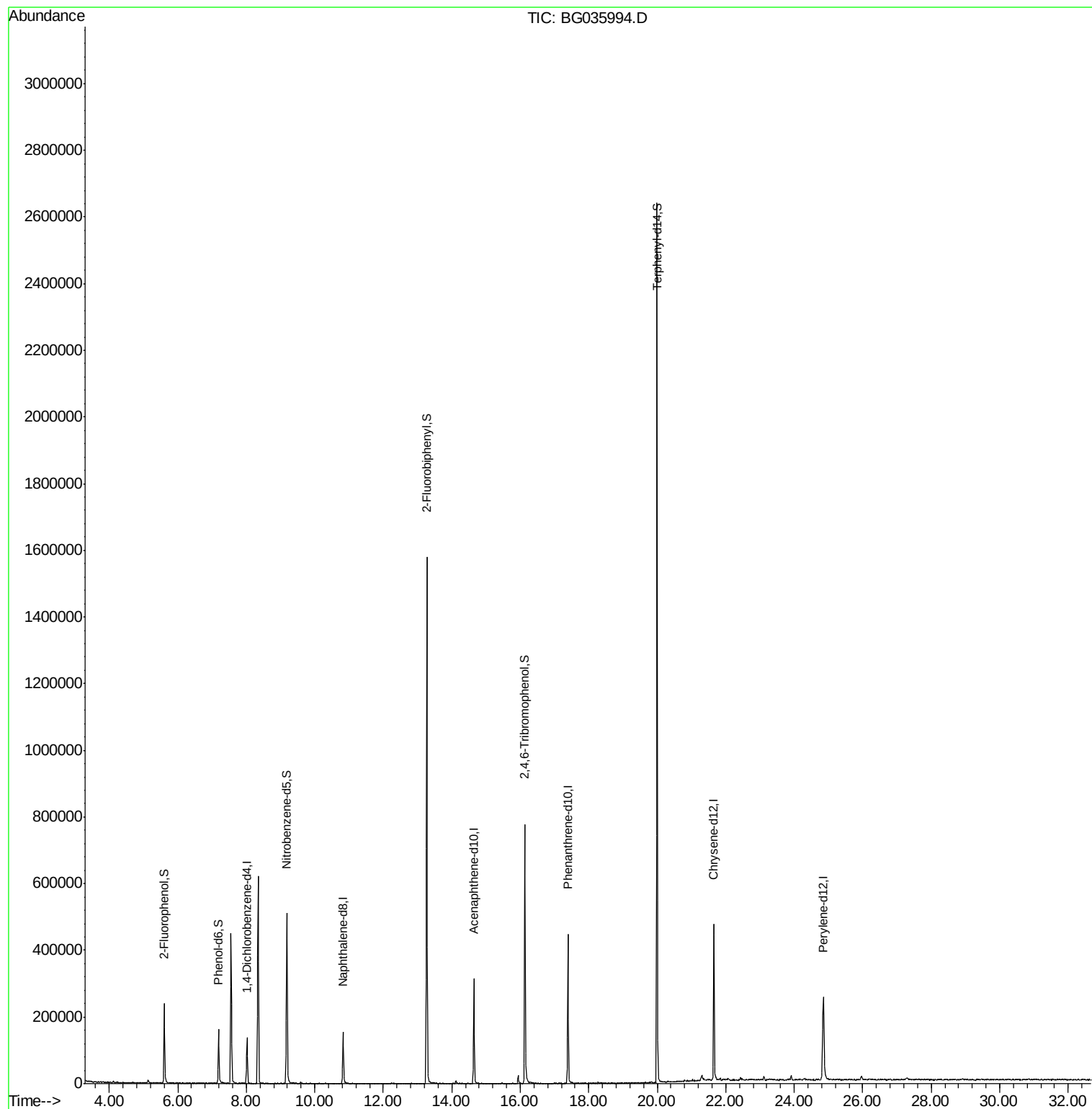
Target Compounds Qvalue

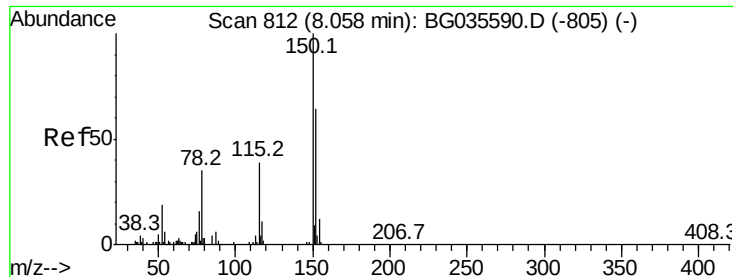
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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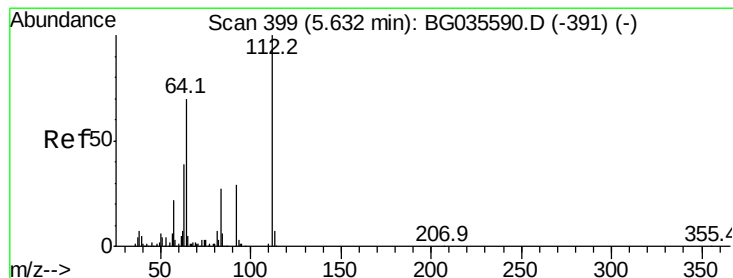
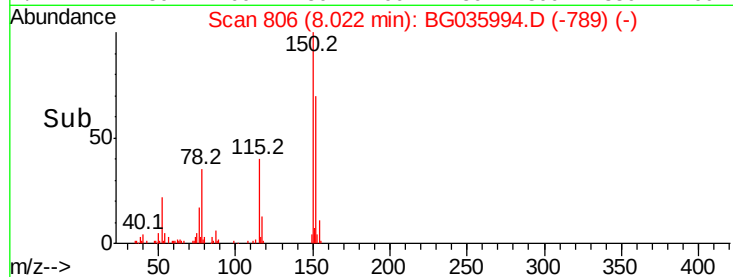
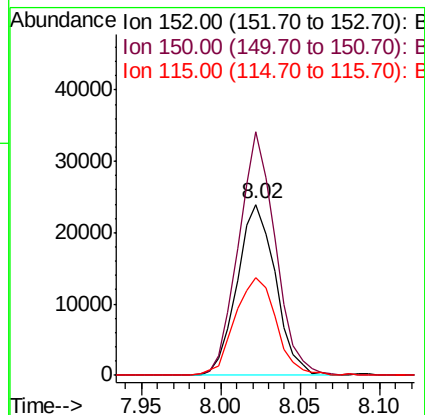
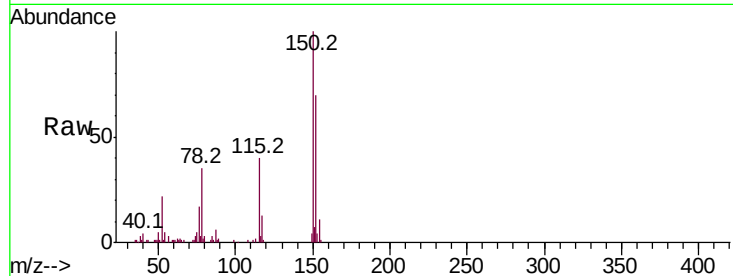


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035994.D
Acq: 31 Jul 2018 4:00

Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-U-M

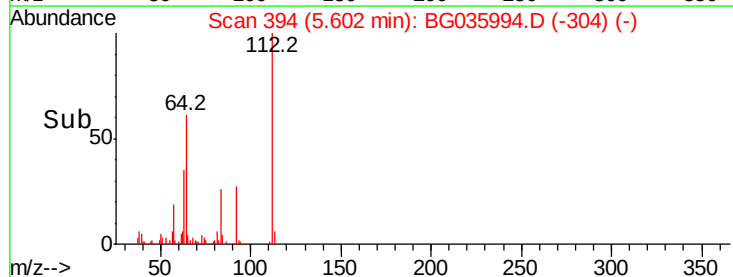
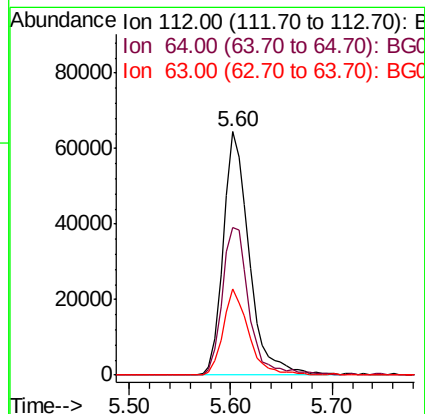
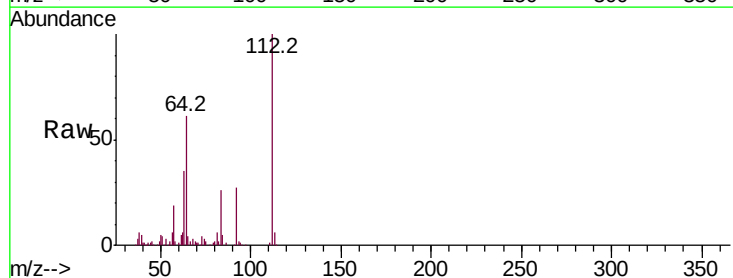
Tot Ion	Ratio	Lower	Upper
152	100		
150	142.4	126.6	189.8
115	57.3	53.0	79.4

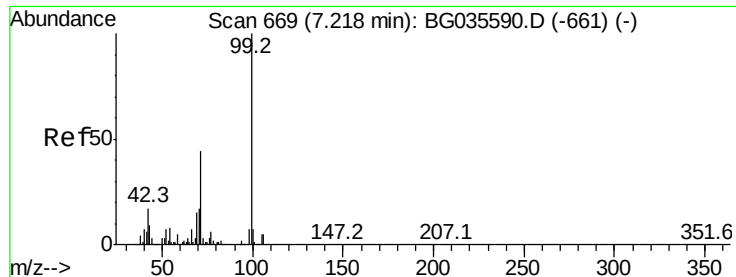


#5

2-Fluorophenol
Concen: 47.355 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035994.D
Acq: 31 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	56.3	84.5
63	35.4	30.1	45.1





#7

Phenol-d6

Concen: 30.413 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035994.D

Acq: 31 Jul 2018 4:00

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-U-M

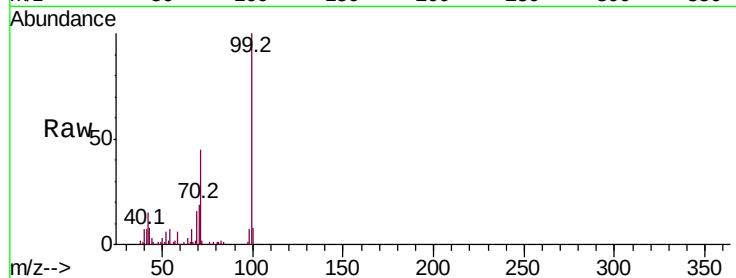
Tot Ion: 99 Resp: 110030

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

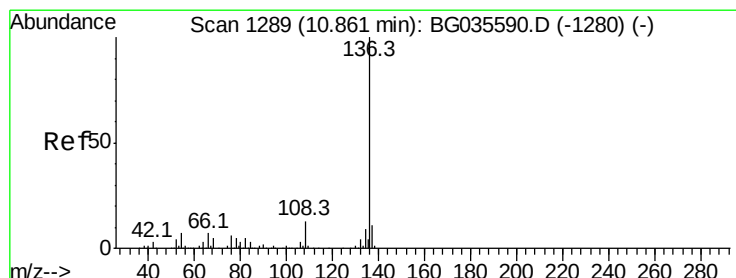
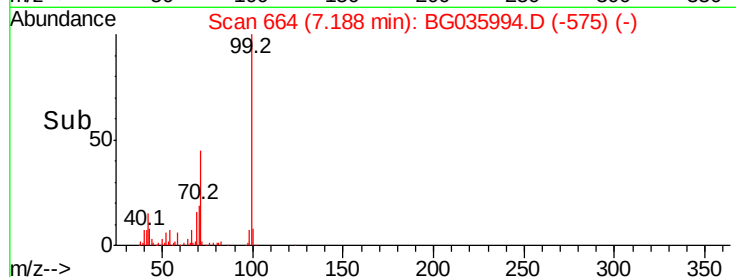
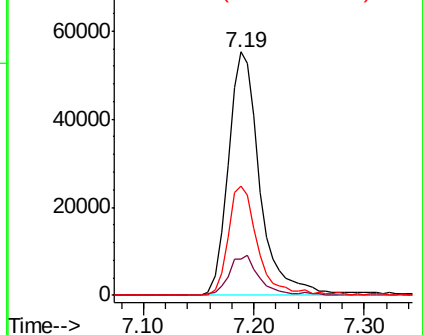
71 44.8 26.1 39.1#



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: BG035994.D

Acq: 31 Jul 2018 4:00

Tgt Ion: 136 Resp: 147068

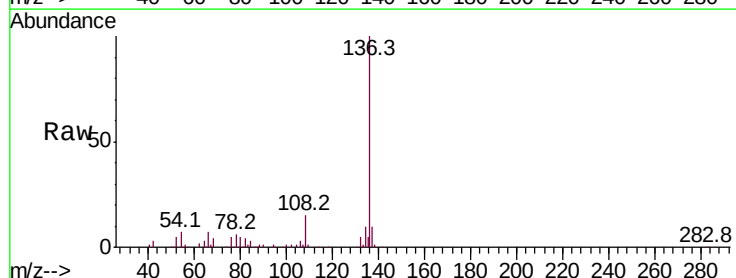
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.5 10.3 15.5#

68 4.5 4.5 6.7

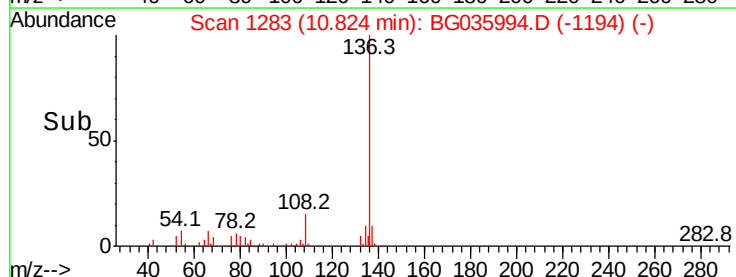
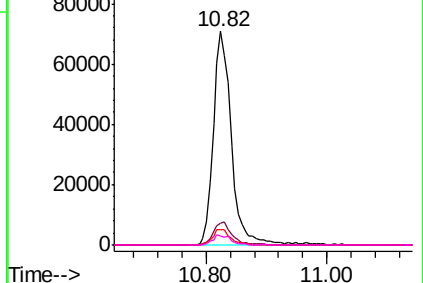


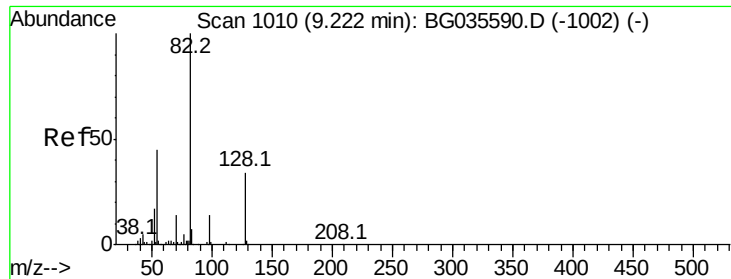
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 99.276 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035994.D

Acq: 31 Jul 2018 4:00

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-U-M

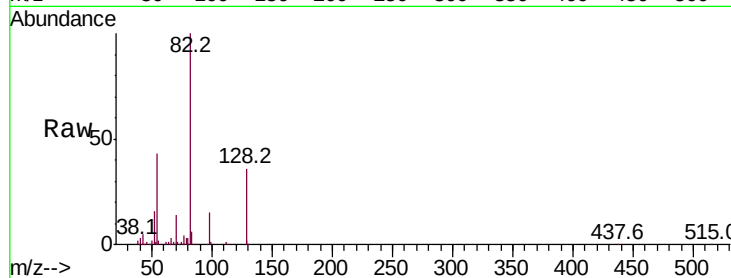
Tot Ion: 82 Resp: 349502

Ion Ratio Lower Upper

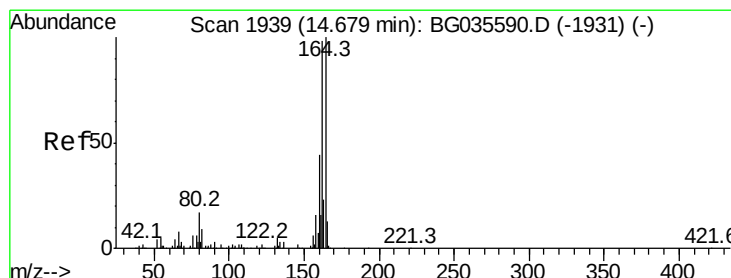
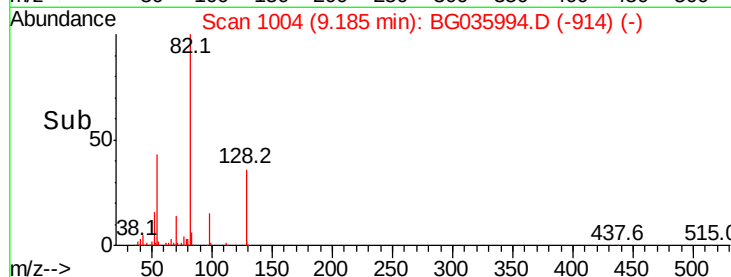
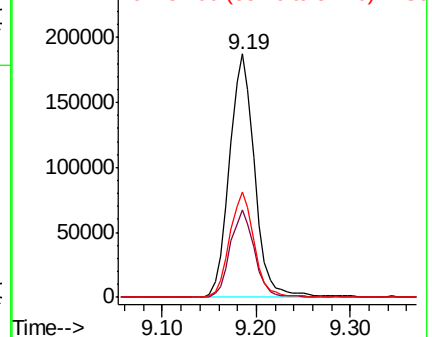
82 100

128 36.1 29.7 44.5

54 43.4 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: BG035994.D

Acq: 31 Jul 2018 4:00

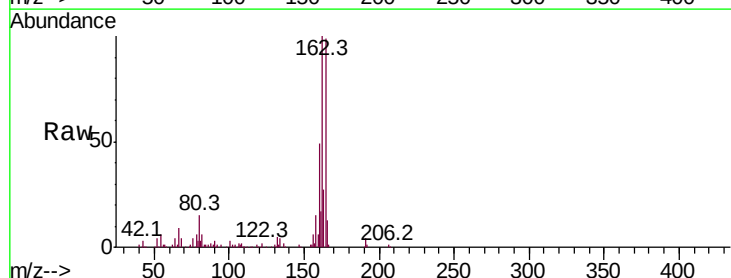
Tgt Ion: 164 Resp: 111919

Ion Ratio Lower Upper

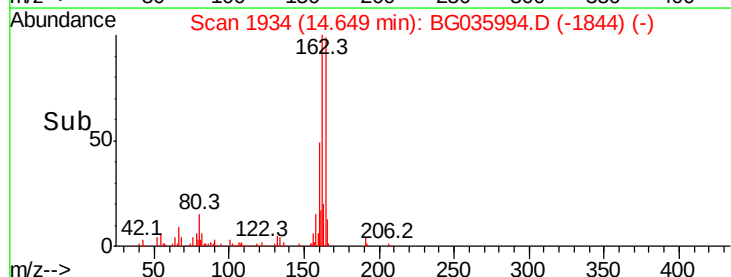
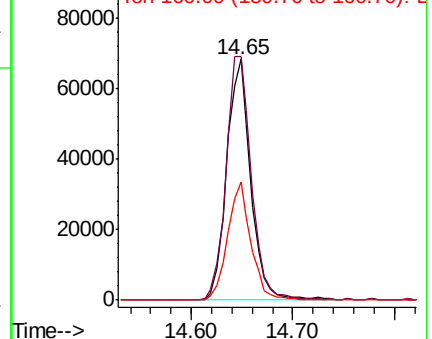
164 100

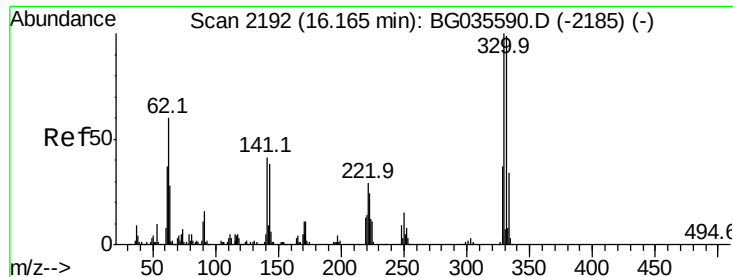
162 100.9 78.8 118.2

160 49.1 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

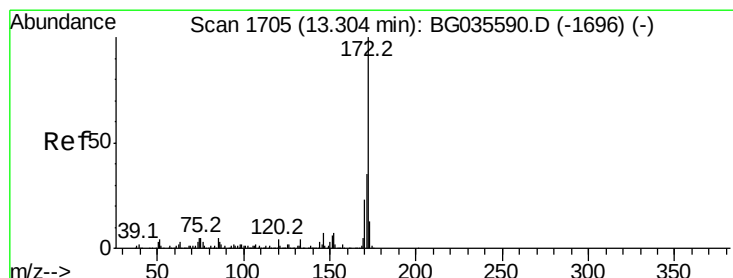
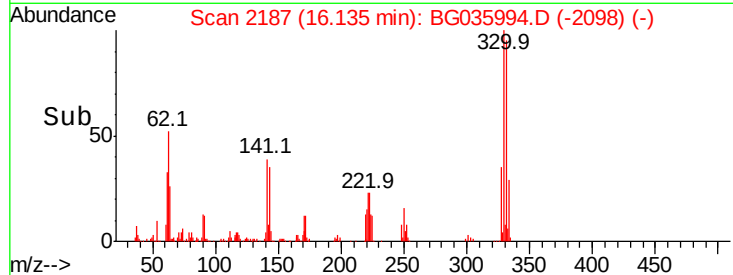
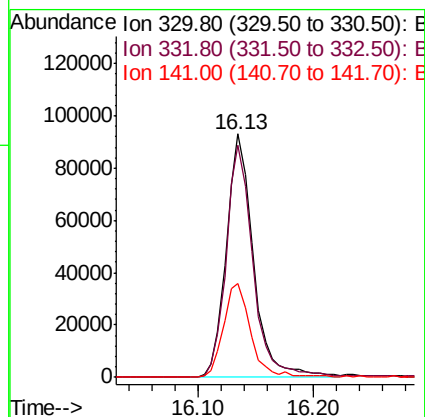
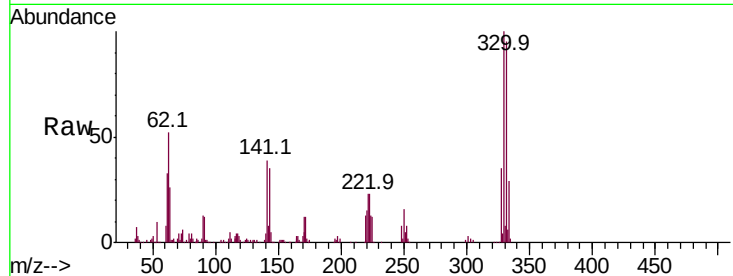




#41
 2,4,6-Tribromophenol
 Concen: 102.775 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035994.D
 Acq: 31 Jul 2018 4:00

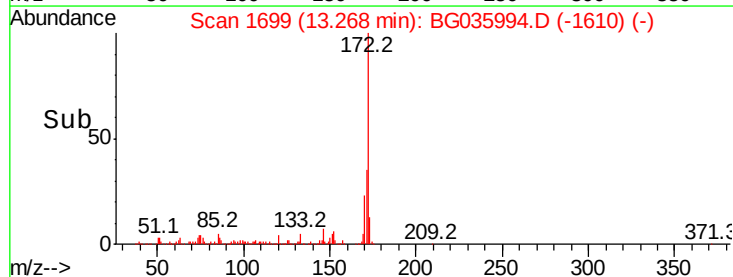
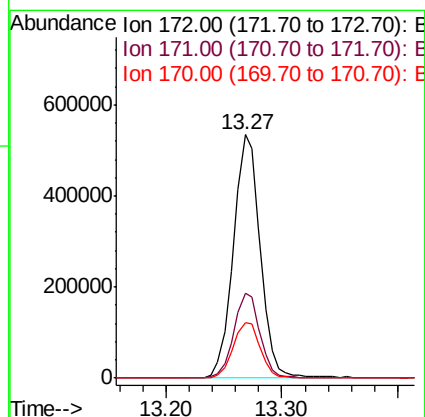
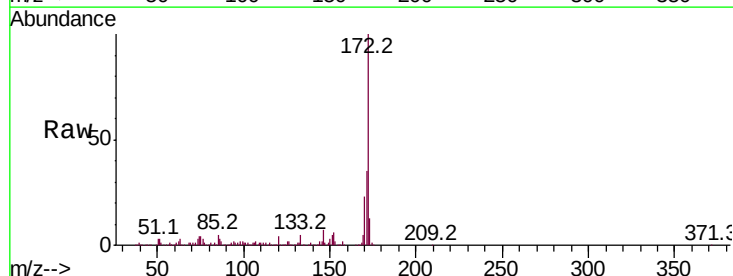
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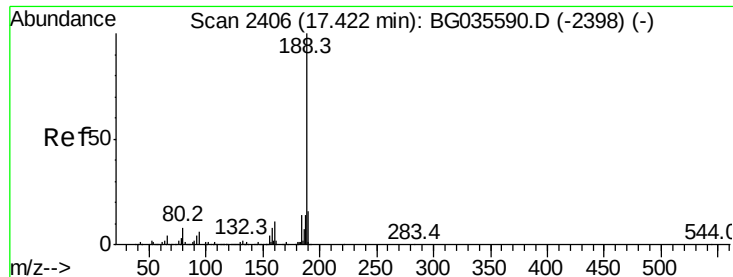
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 102.624 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035994.D
 Acq: 31 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	30.0	45.0
170	22.7	19.5	29.3

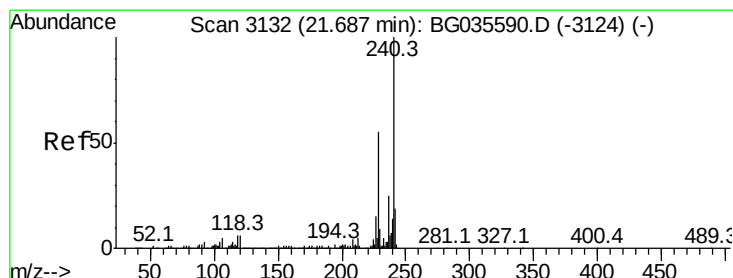
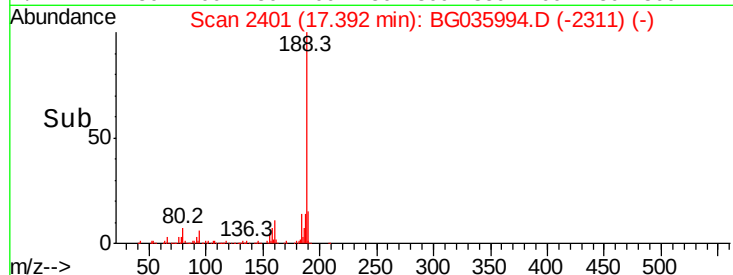
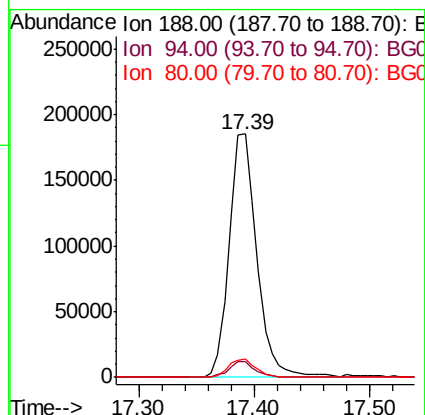
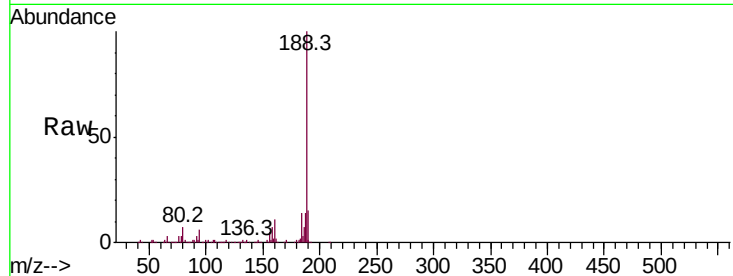




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035994.D
Acq: 31 Jul 2018 4:00

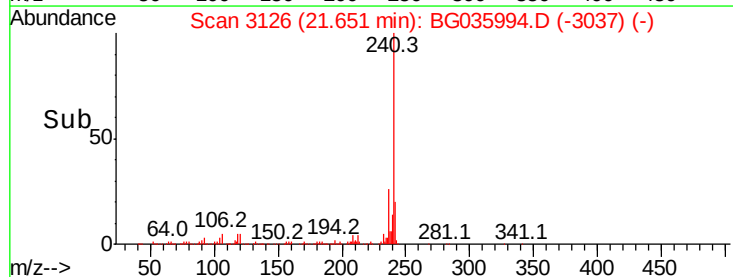
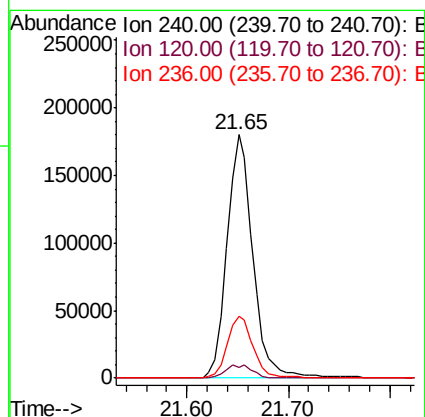
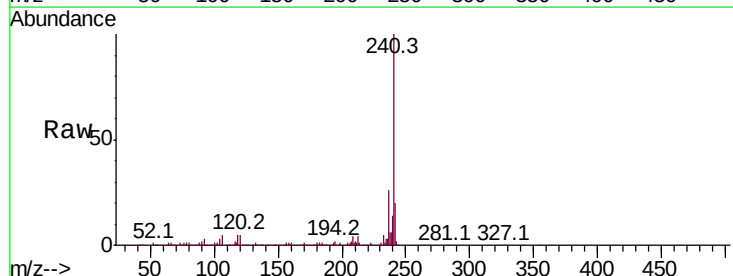
Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-U-M

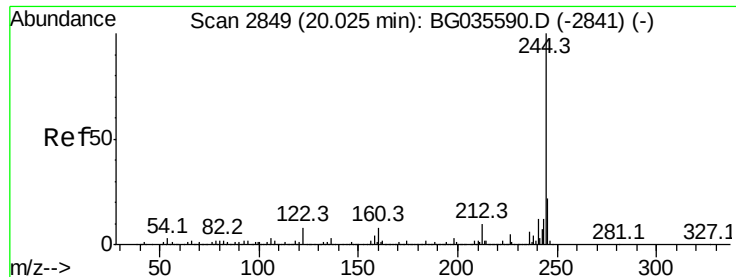
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.9	10.3#
80	7.4	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035994.D
Acq: 31 Jul 2018 4:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.6	6.8	10.2#
236	25.6	20.9	31.3

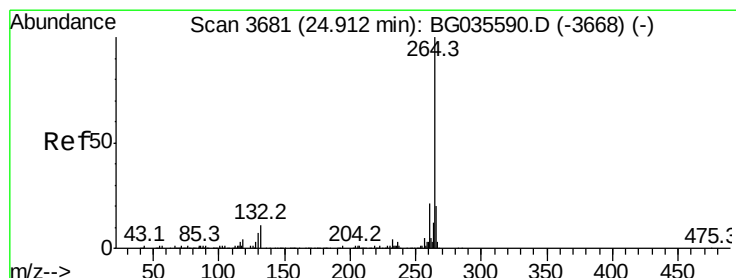
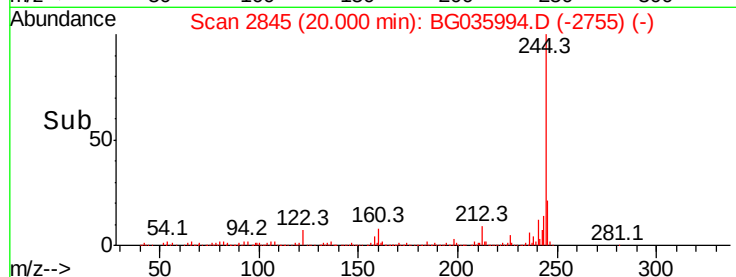
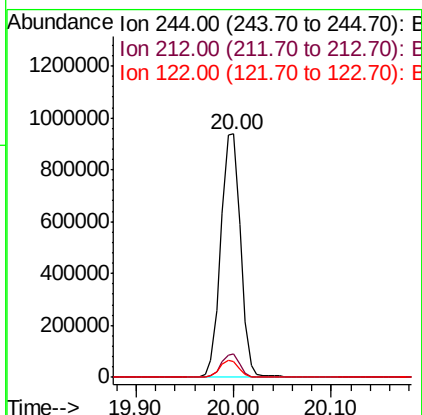
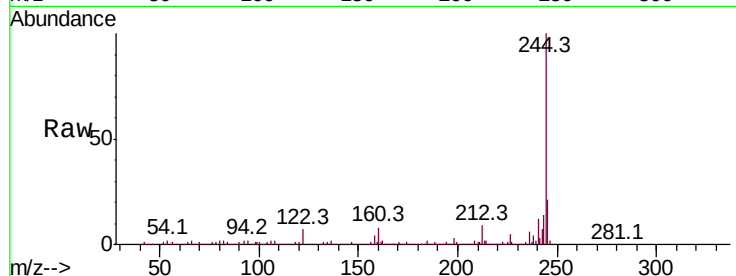




#78
 Terphenyl-d14
 Concen: 91.954 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BG035994.D
 Acq: 31 Jul 2018 4:00

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-U-M

Tot Ion:244 Resp: 1320023
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.5 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG035994.D
 Acq: 31 Jul 2018 4:00

Tgt Ion:264 Resp: 299170
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 21.7 17.7 26.5

