

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035992.D
 Acq On : 31 Jul 2018 2:42
 Operator : JU/SJ
 Sample : J4219-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-D-S

Quant Time: Jul 31 05:59:14 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	38492	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	144207	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	110257	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	301994	20.00	ng	0.00
75) Chrysene-d12	21.65	240	313988	20.00	ng	0.00
86) Perylene-d12	24.85	264	285139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	109813	47.36	ng	0.00
7) Phenol-d6	7.19	99	106374	30.75	ng	0.00
23) Nitrobenzene-d5	9.19	82	334227	96.82	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	147467	101.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	837293	101.74	ng	0.00
78) Terphenyl-d14	19.99	244	1307281	91.78	ng	0.00

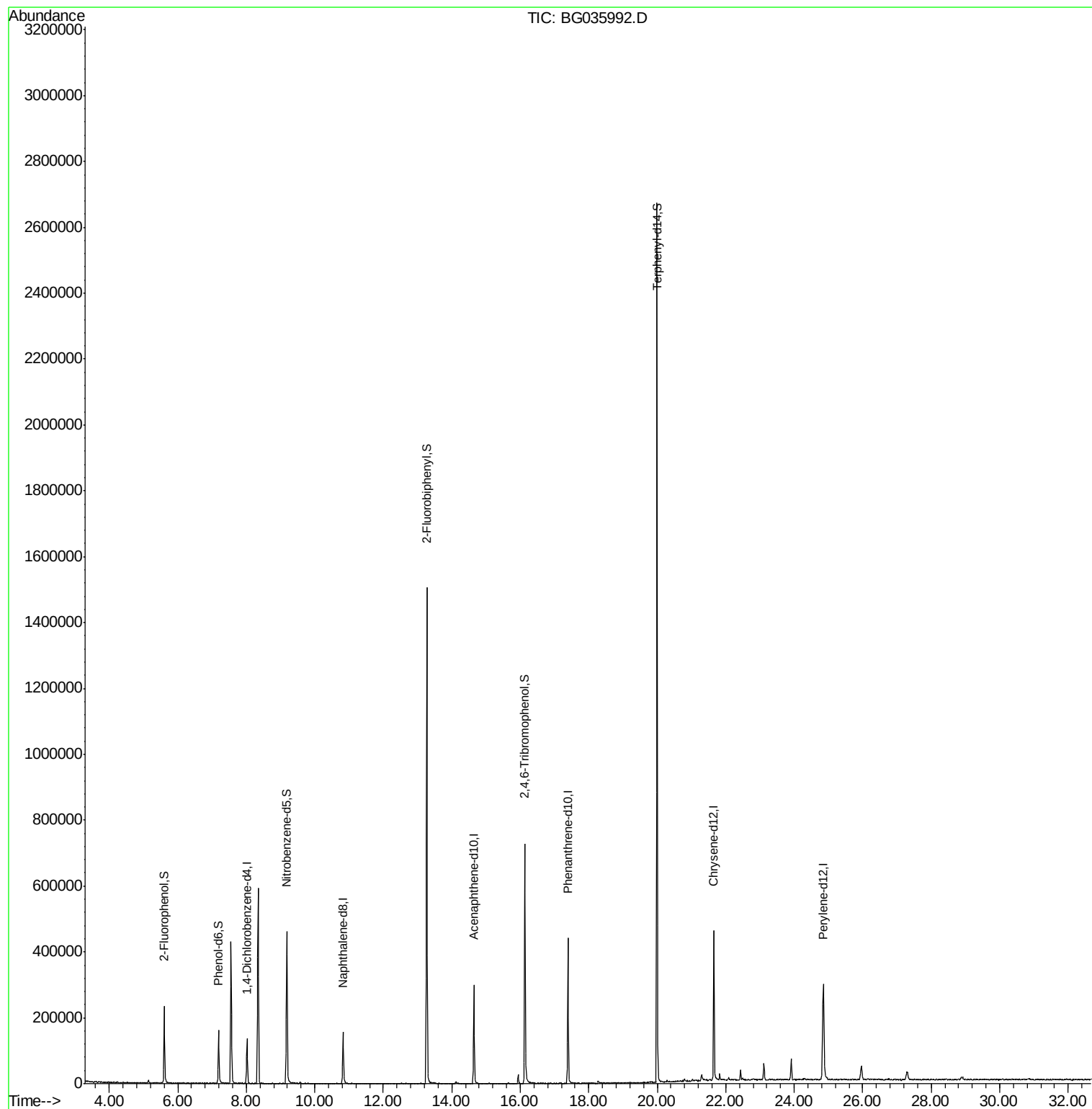
Target Compounds Qvalue

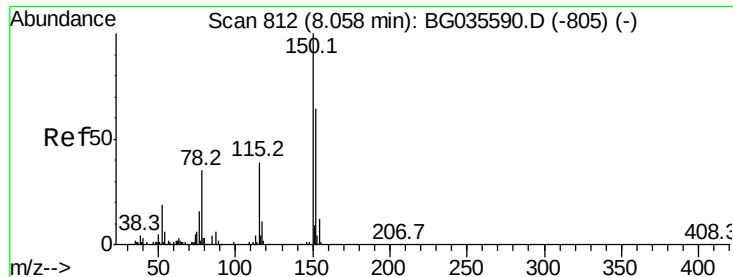
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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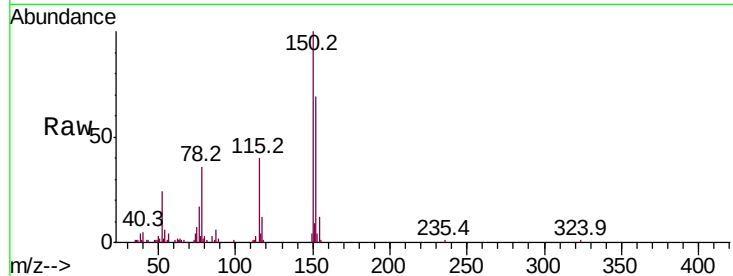


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	126.6	189.8
115	58.4	53.0	79.4

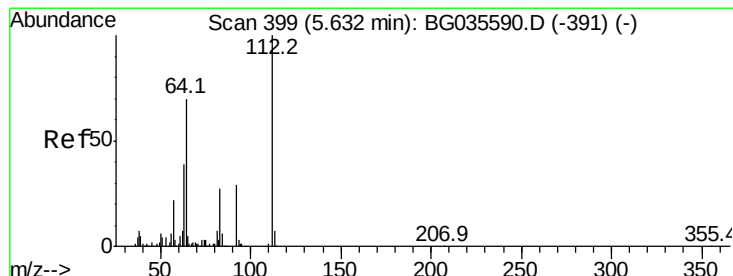
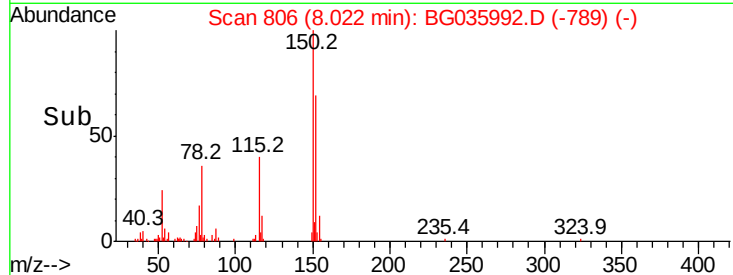
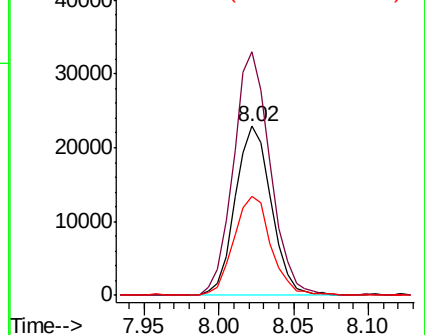


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

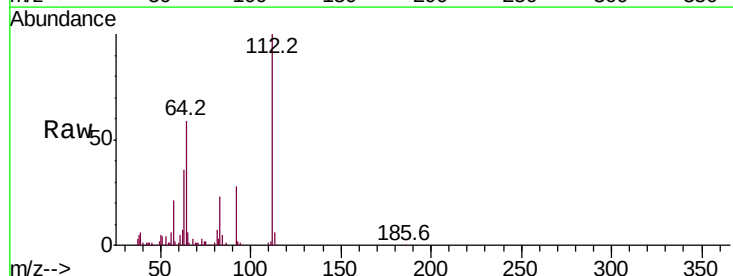
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 47.364 ng
 RT: 5.60 min Scan# 394
 Delta R.T. -0.00 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	56.3	84.5
63	36.1	30.1	45.1

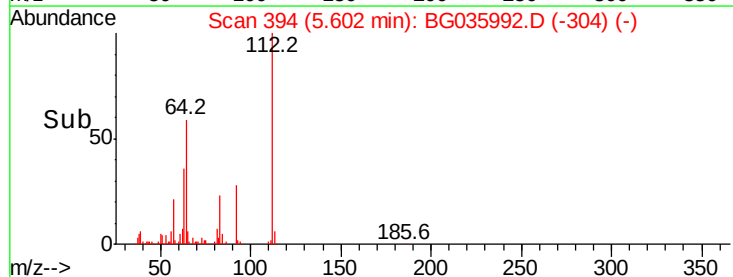
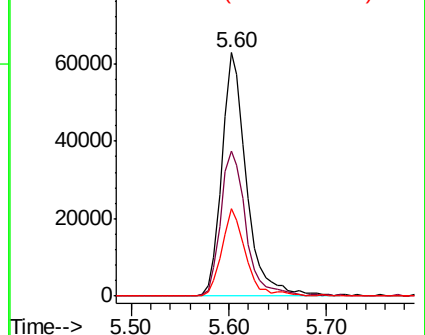


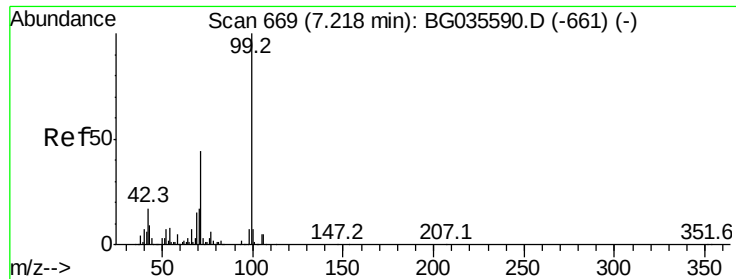
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.752 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035992.D

Acq: 31 Jul 2018 2:42

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-D-S

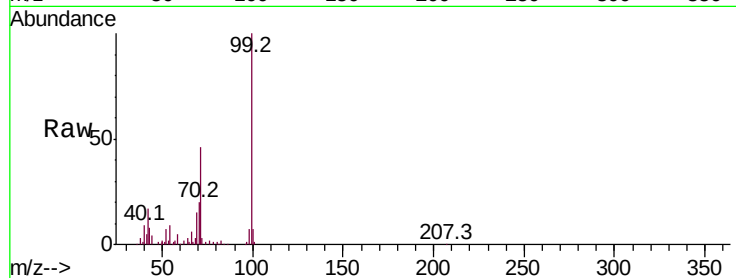
Tot Ion: 99 Resp: 106374

Ion Ratio Lower Upper

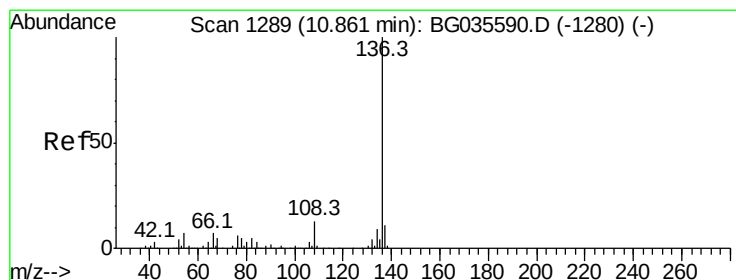
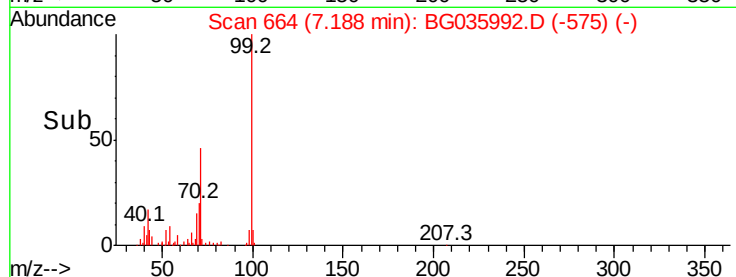
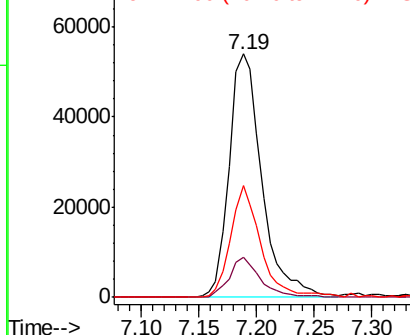
99 100

42 16.5 14.1 21.1

71 46.1 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: BG035992.D

Acq: 31 Jul 2018 2:42

Tgt Ion: 136 Resp: 144207

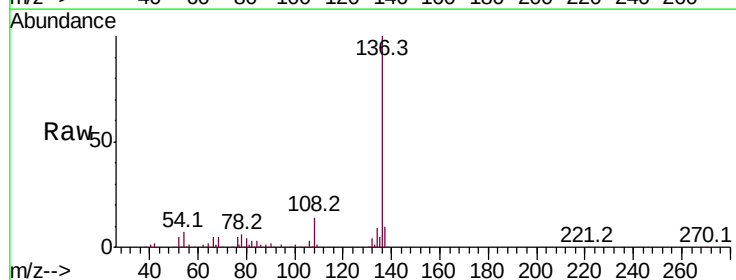
Ion Ratio Lower Upper

136 100

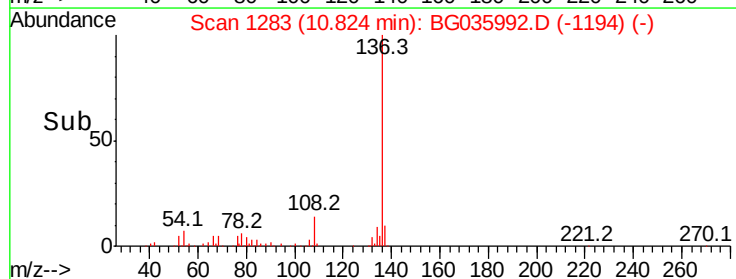
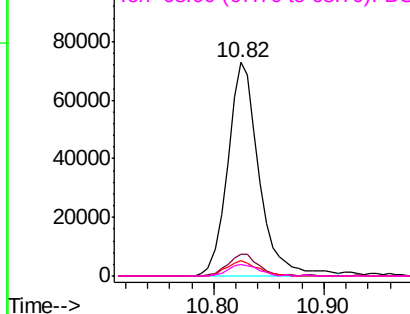
137 10.2 9.2 13.8

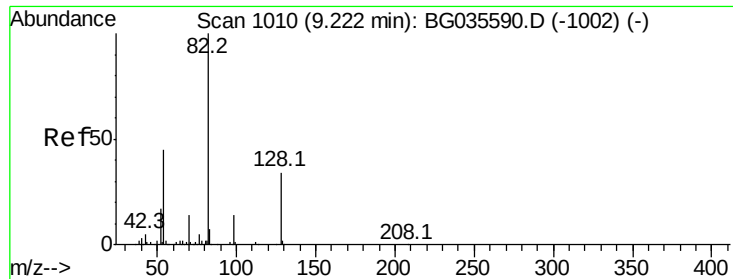
54 7.4 10.3 15.5#

68 5.3 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: 96.821 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035992.D

Acq: 31 Jul 2018 2:42

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-D-S

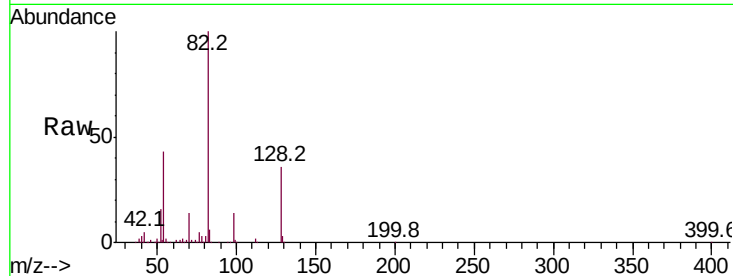
Tot Ion: 82 Resp: 334227

Ion Ratio Lower Upper

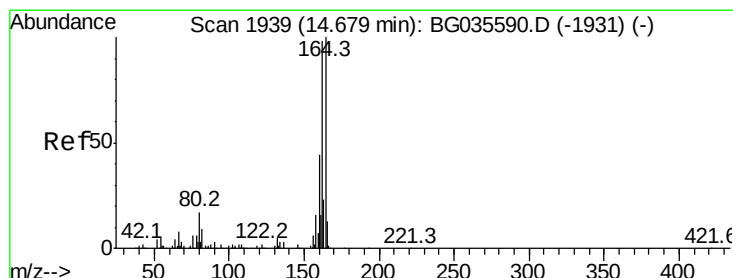
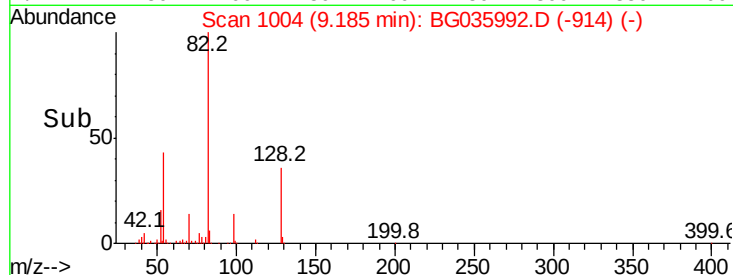
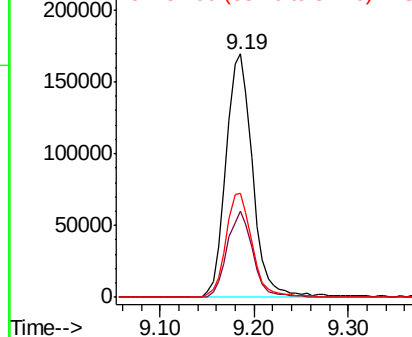
82 100

128 35.5 29.7 44.5

54 42.9 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: BG035992.D

Acq: 31 Jul 2018 2:42

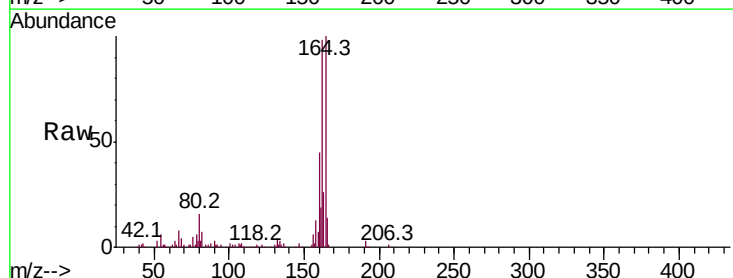
Tgt Ion: 164 Resp: 110257

Ion Ratio Lower Upper

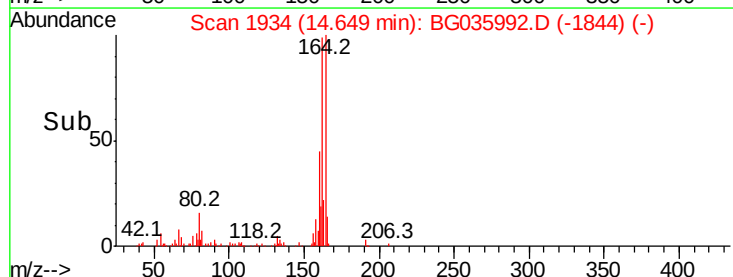
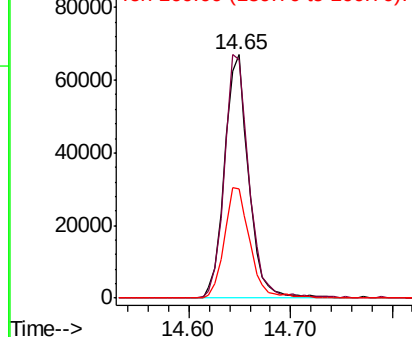
164 100

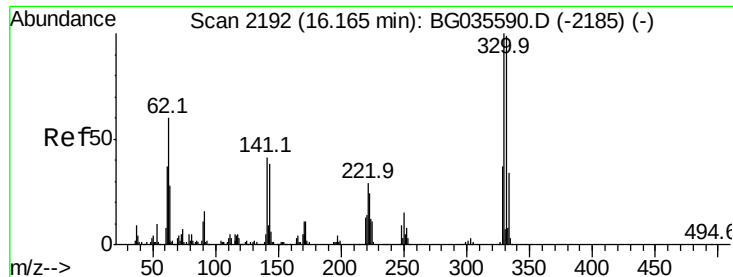
162 98.2 78.8 118.2

160 45.1 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

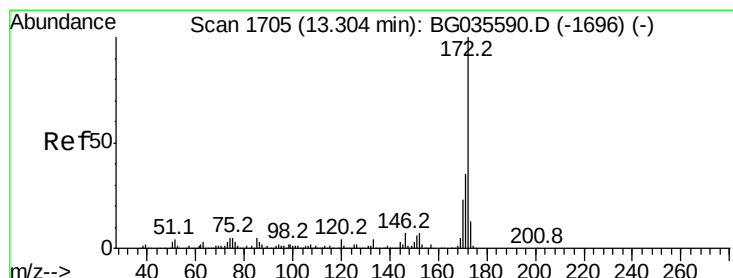
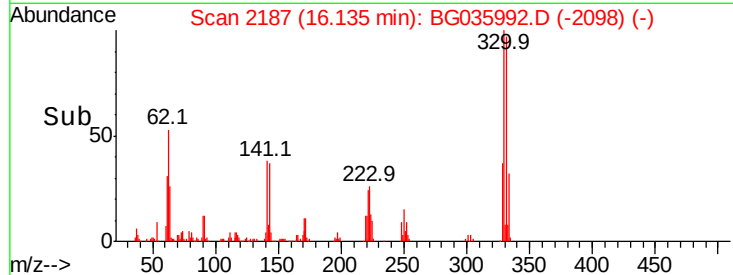
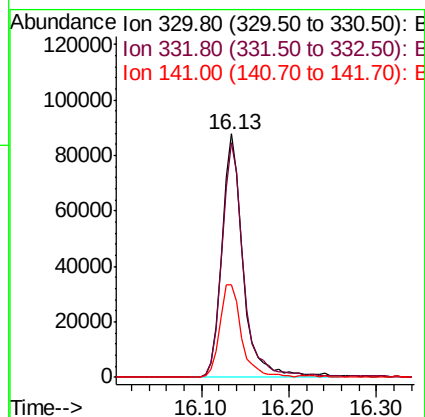
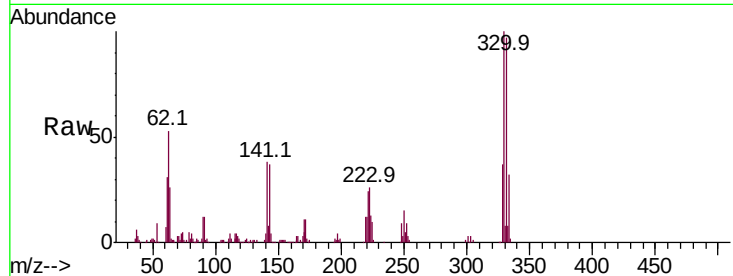




#41
 2,4,6-Tribromophenol
 Concen: 101.473 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

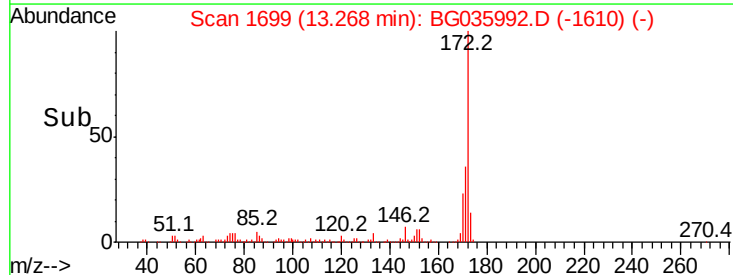
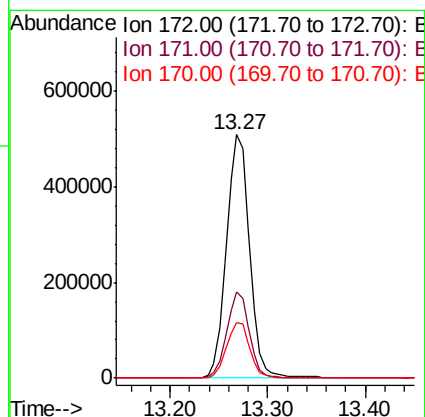
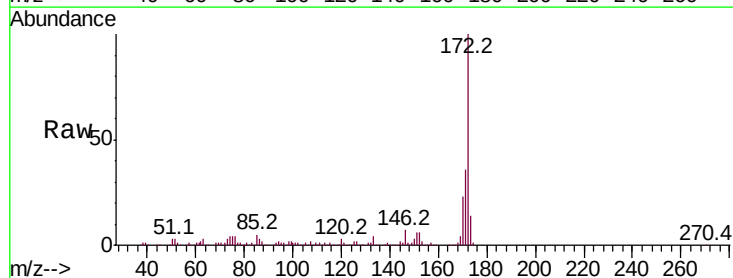
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 BNA_G
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 072618-DBRI-F-D-S

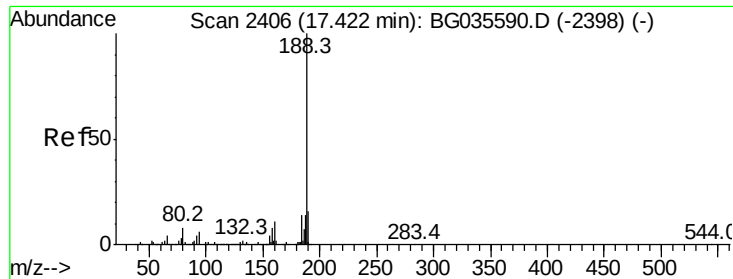
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	39.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.740 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.8	19.5	29.3

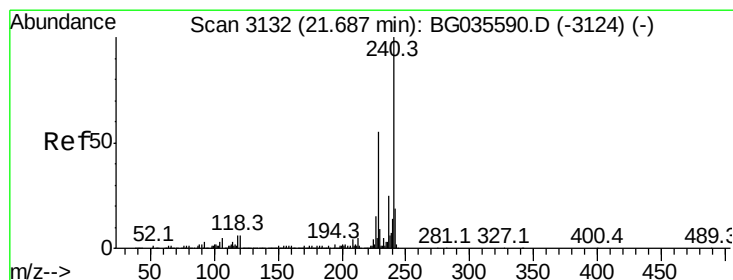
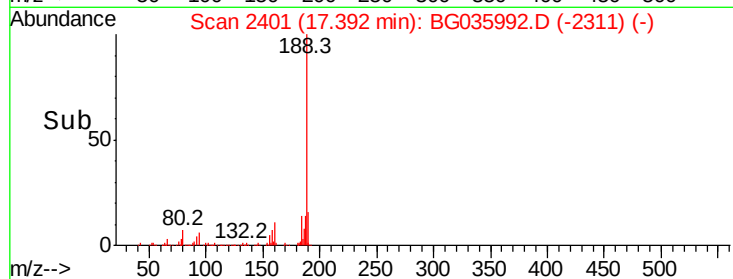
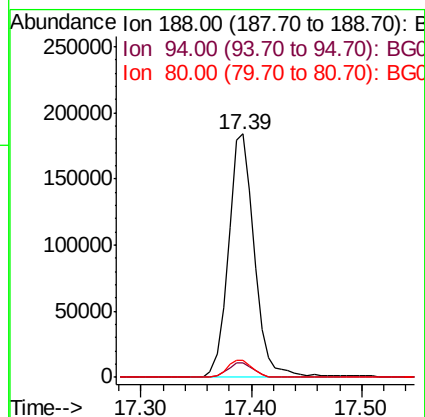
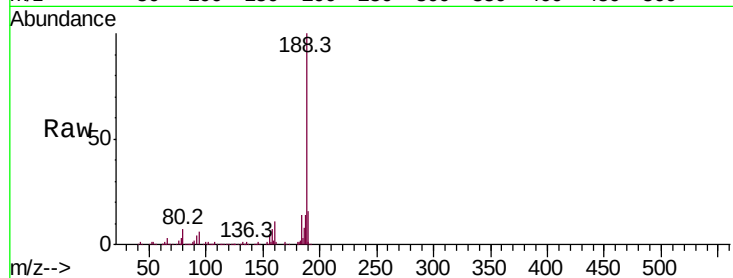




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035992.D
Acq: 31 Jul 2018 2:42

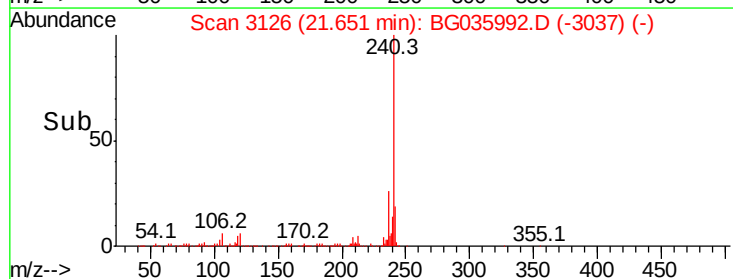
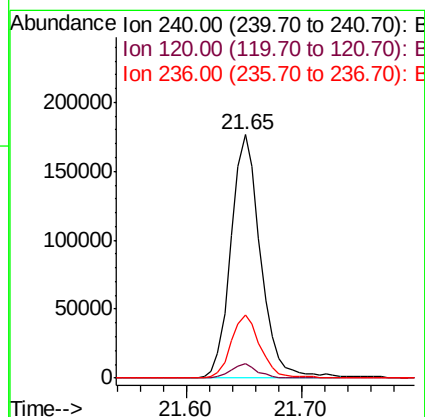
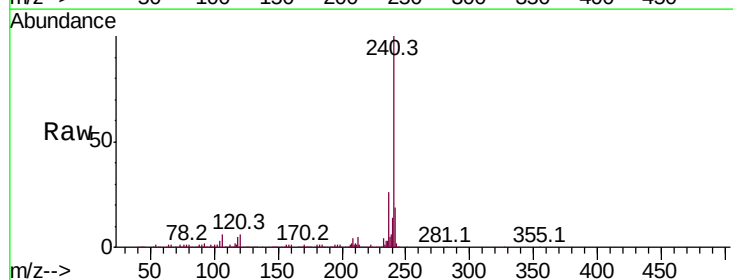
Instrument :
BNA_G
ClientSampleId :
072618-DBRI-F-D-S

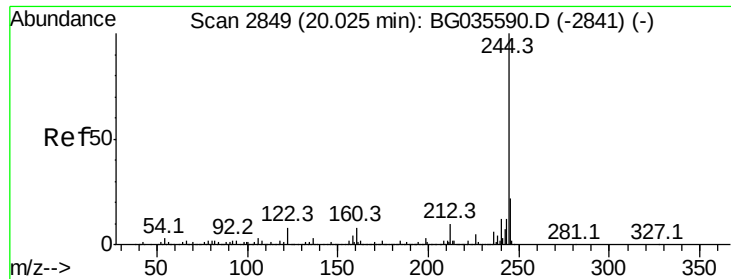
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.8	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035992.D
Acq: 31 Jul 2018 2:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	26.0	20.9	31.3

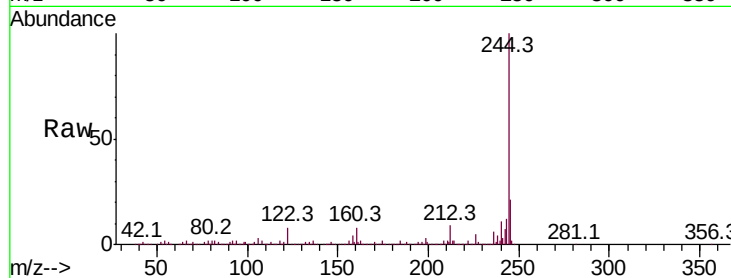




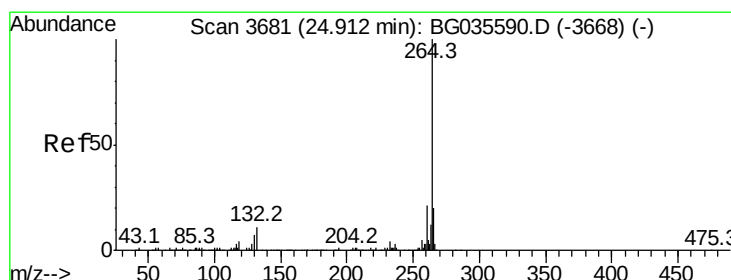
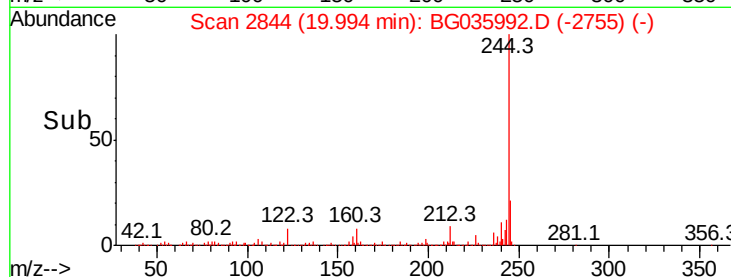
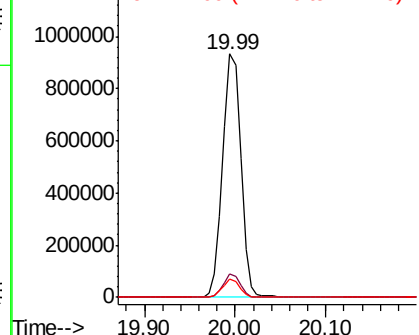
#78
 Terphenyl-d14
 Concen: 91.775 ng
 RT: 19.99 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-D-S

Tot Ion:244 Resp: 1307281
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 7.6 7.0 10.4

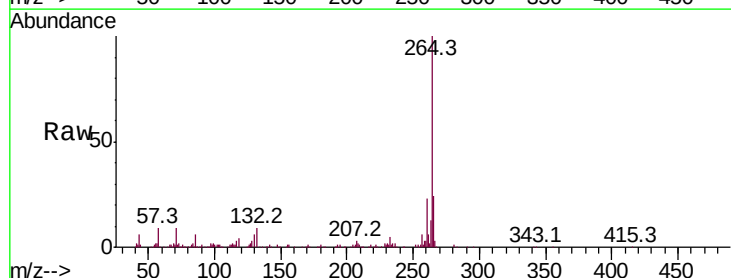


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG035992.D
 Acq: 31 Jul 2018 2:42

Tgt Ion:264 Resp: 285139
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.4 26.0
 265 23.7 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

