

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035991.D
 Acq On : 31 Jul 2018 2:03
 Operator : JU/SJ
 Sample : J4219-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jul 31 05:56:40 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	32828	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	124767	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	96003	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	269448	20.00	ng	0.00
75) Chrysene-d12	21.65	240	283449	20.00	ng	0.00
86) Perylene-d12	24.85	264	261867	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98144	49.64	ng	0.00
7) Phenol-d6	7.19	99	95804	32.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	307127	102.83	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	135336	106.95	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	765452	106.82	ng	0.00
78) Terphenyl-d14	20.00	244	1243812	96.73	ng	0.00

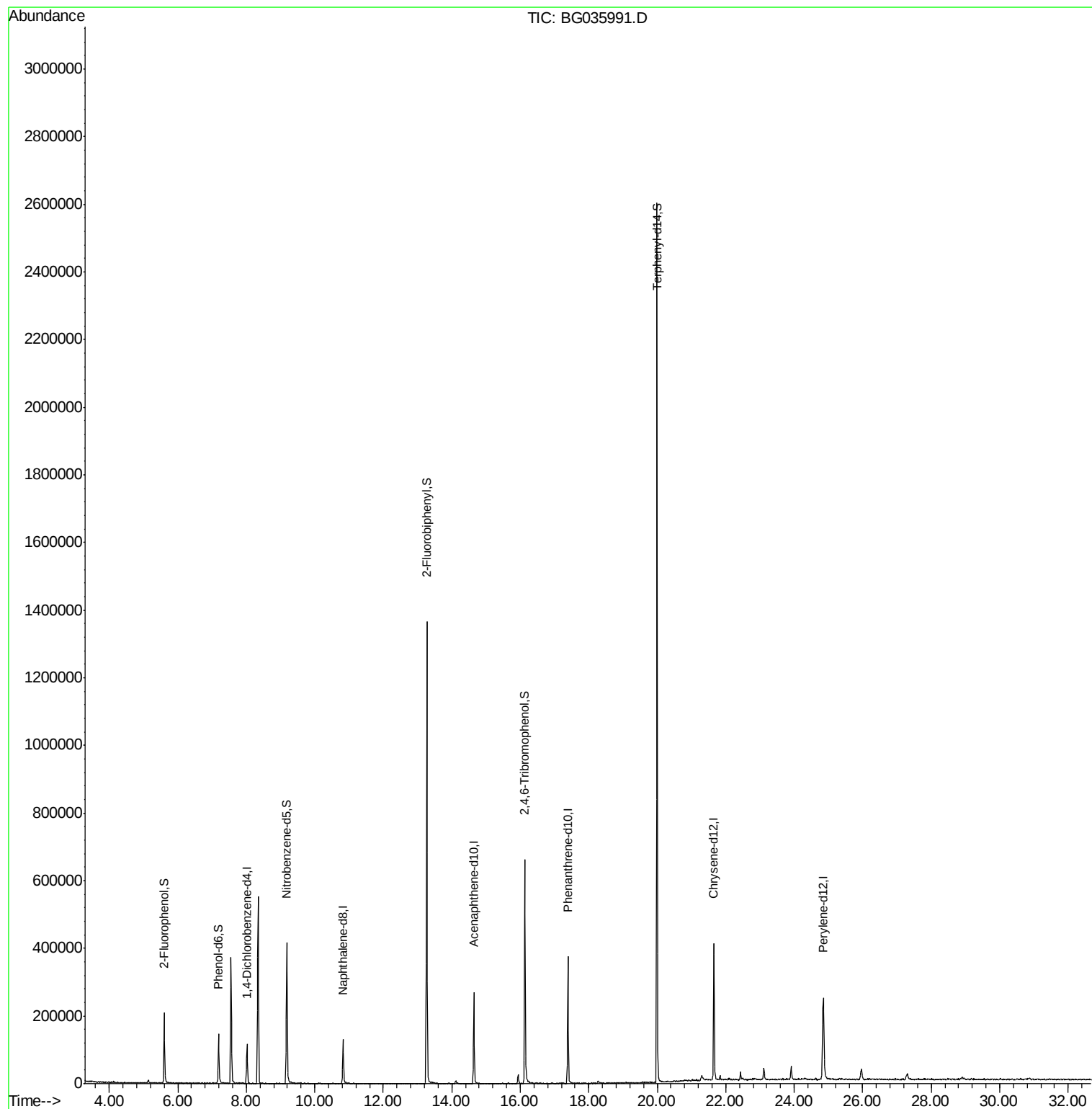
Target Compounds Qvalue

(#) = 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: BG035991.D

Acq: 31 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

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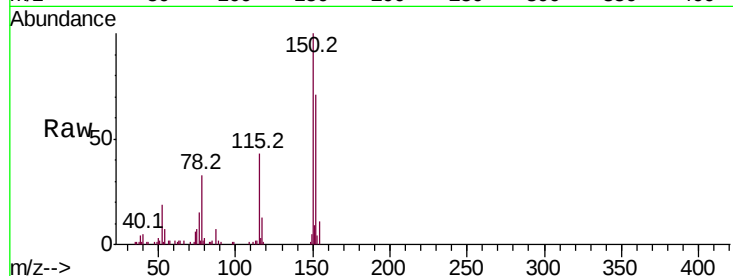
Tot Ion:152 Resp: 32828

Ion Ratio Lower Upper

152 100

150 140.1 126.6 189.8

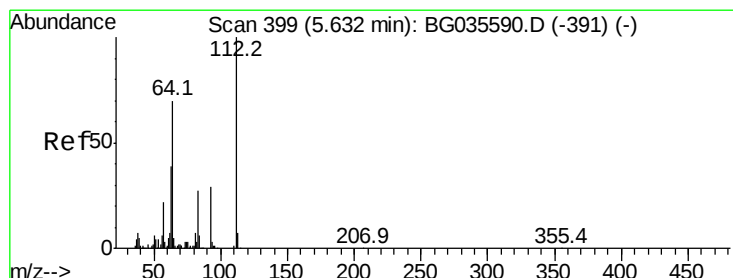
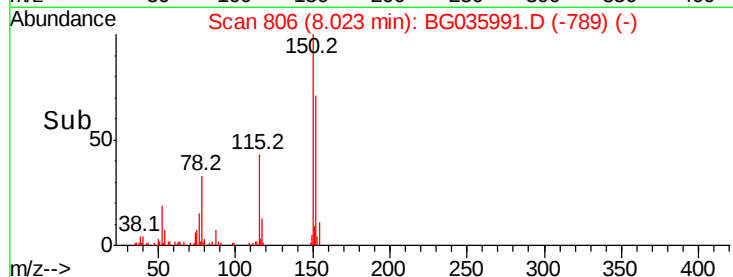
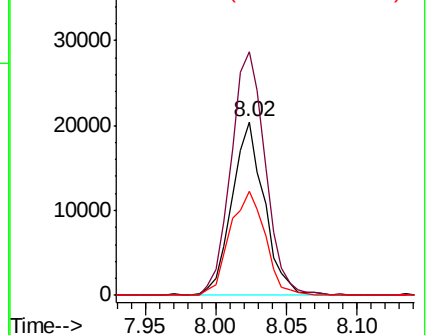
115 60.3 53.0 79.4



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: 49.635 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.00 min

Lab File: BG035991.D

Acq: 31 Jul 2018 2:03

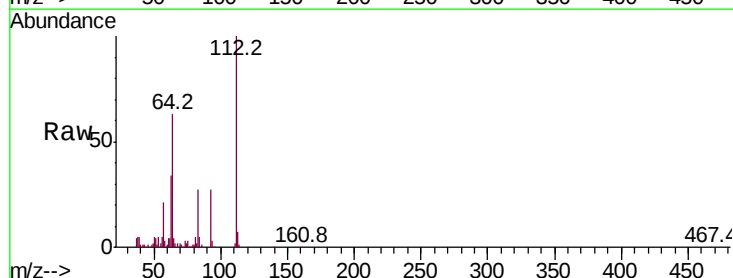
Tgt Ion:112 Resp: 98144

Ion Ratio Lower Upper

112 100

64 63.4 56.3 84.5

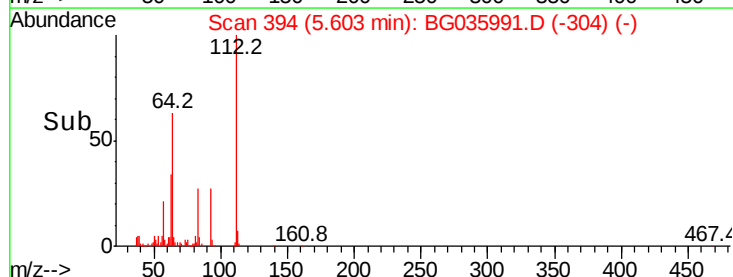
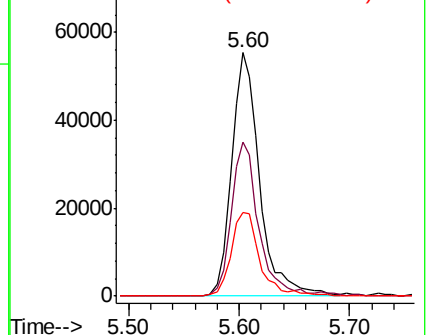
63 34.4 30.1 45.1

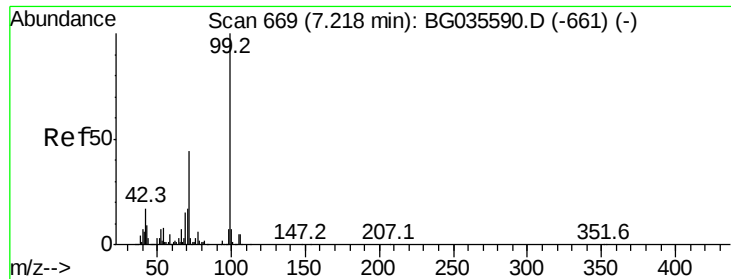


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 32.475 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035991.D

Acq: 31 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-D-M

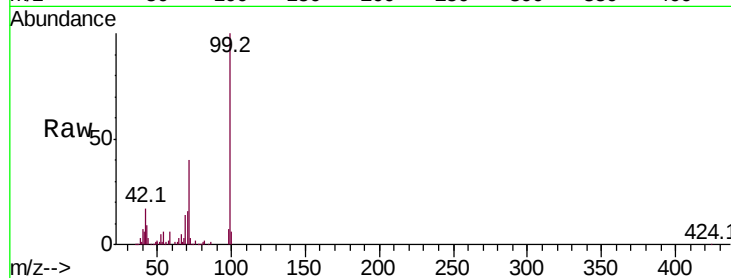
Tot Ion: 99 Resp: 95804

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

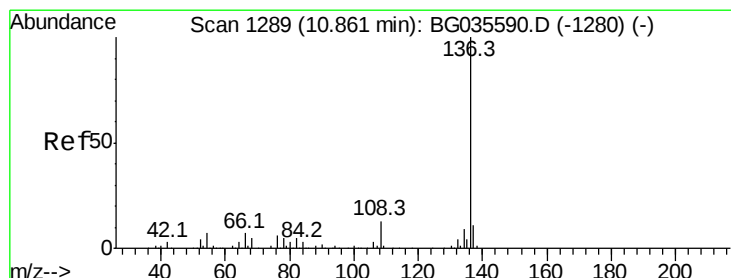
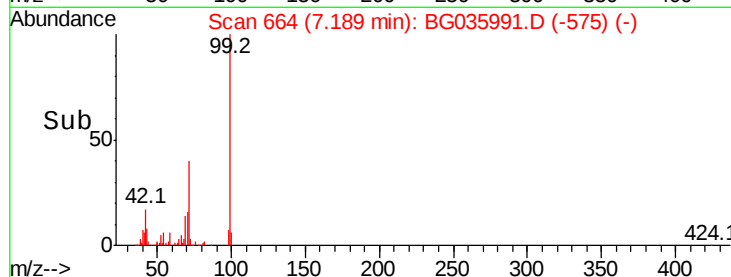
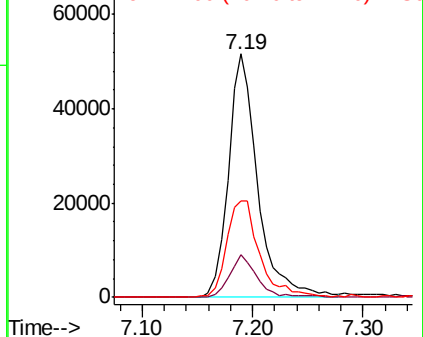
71 39.8 26.1 39.1#



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: 10.83 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BG035991.D

Acq: 31 Jul 2018 2:03

Tgt Ion: 136 Resp: 124767

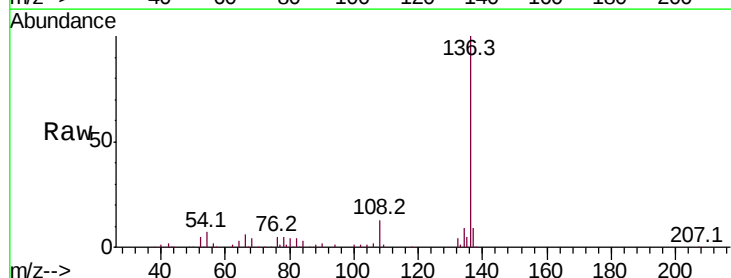
Ion Ratio Lower Upper

136 100

137 9.4 9.2 13.8

54 7.1 10.3 15.5#

68 4.2 4.5 6.7#

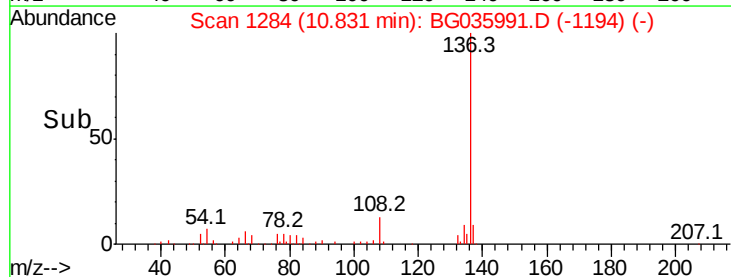
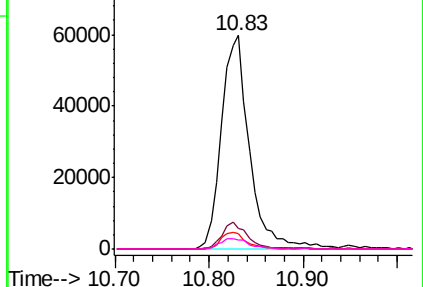


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

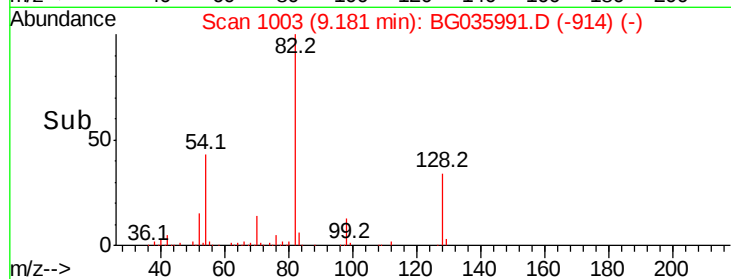
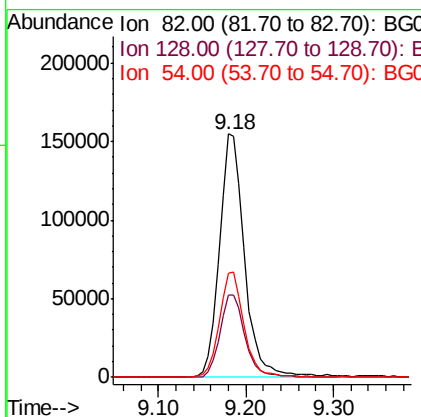
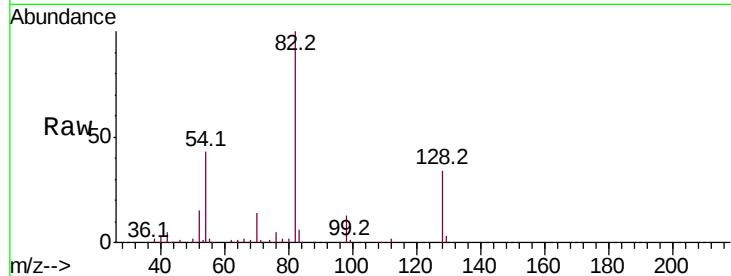




#23
 Nitrobenzene-d5
 Concen: 102.833 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG035991.D
 Acq: 31 Jul 2018 2:03

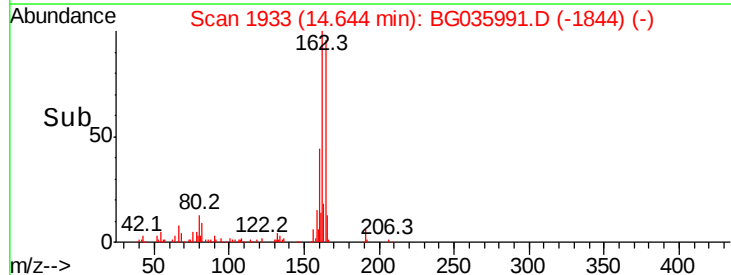
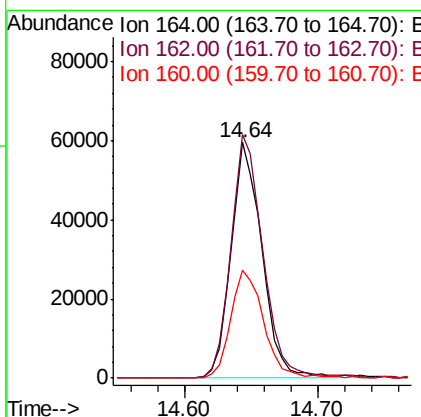
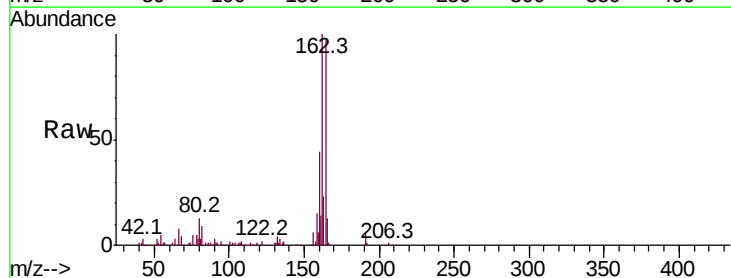
Instrument :
 BNA_G
 ClientSampleId :
 072618-DBRI-F-D-M

Tot Ion	82	Resp	307127
Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	42.6	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: BG035991.D
 Acq: 31 Jul 2018 2:03

Tgt Ion	164	Resp	96003
Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.9	35.4	53.0

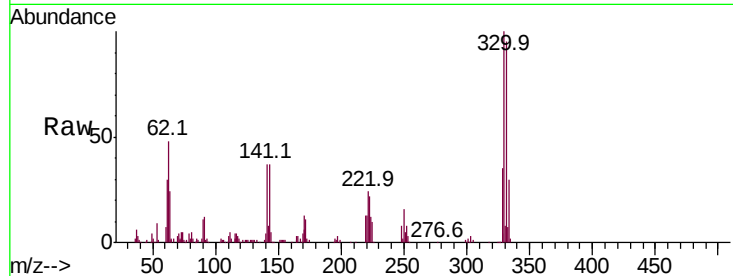




#41
 2,4,6-Tribromophenol
 Concen: 106.953 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035991.D
 Acq: 31 Jul 2018 2:03

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	38.4	25.2	37.8#

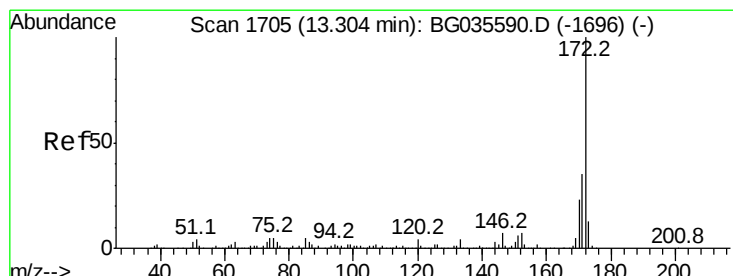
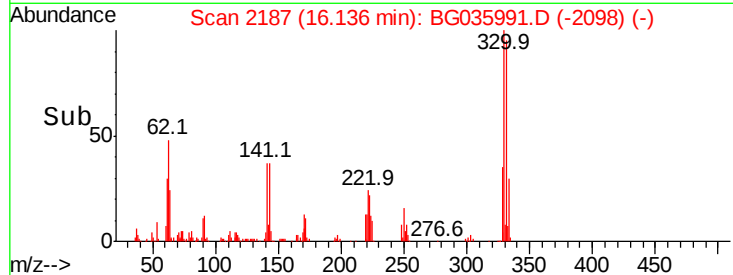
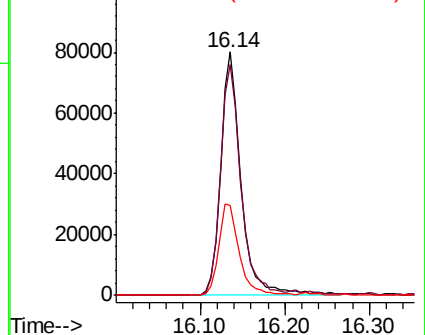


Abundance

Ion 329.80 (329.50 to 330.50): E

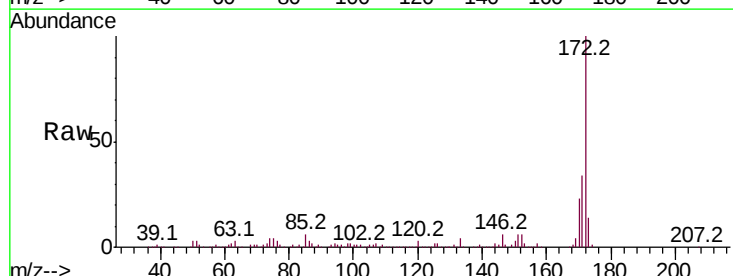
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 106.820 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BG035991.D
 Acq: 31 Jul 2018 2:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	30.0	45.0
170	23.0	19.5	29.3

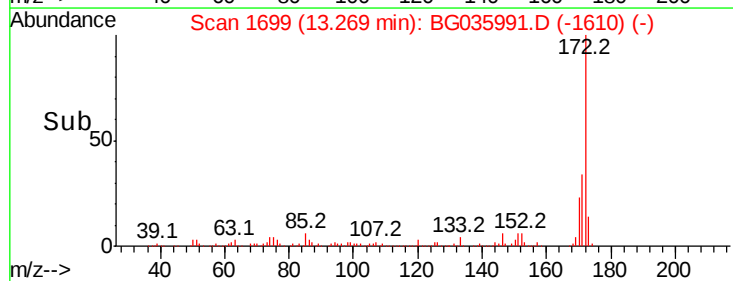
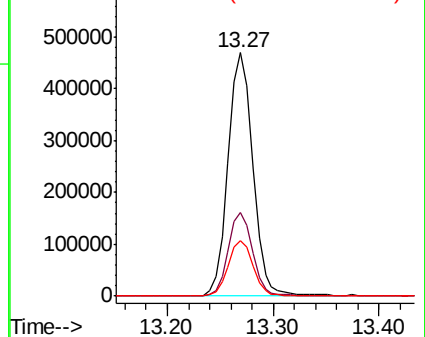


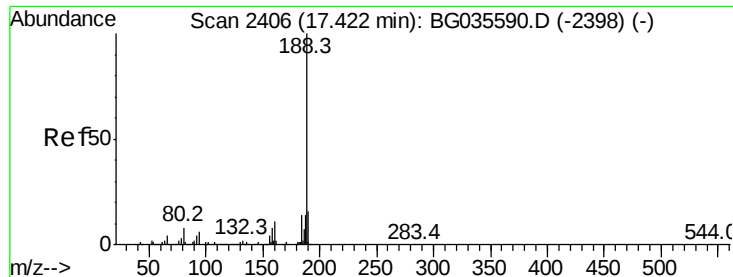
Abundance

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

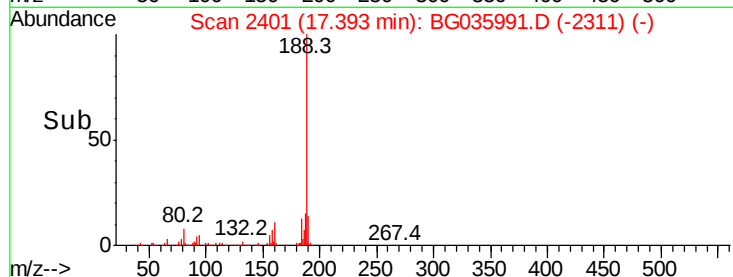
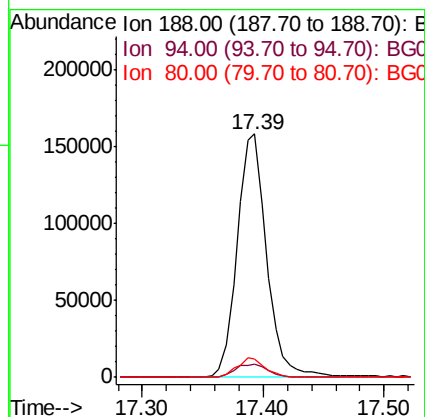
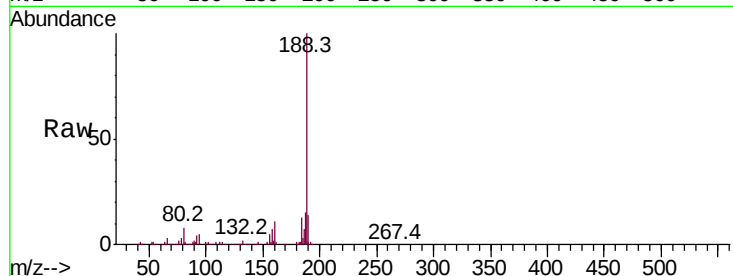




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

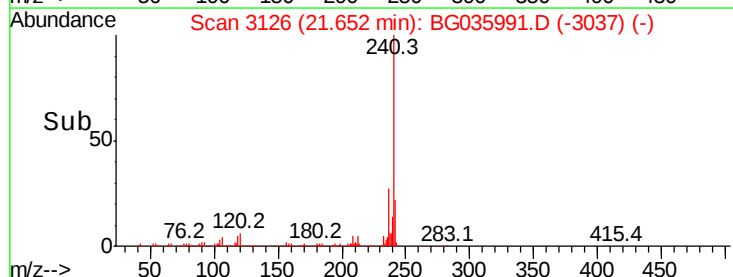
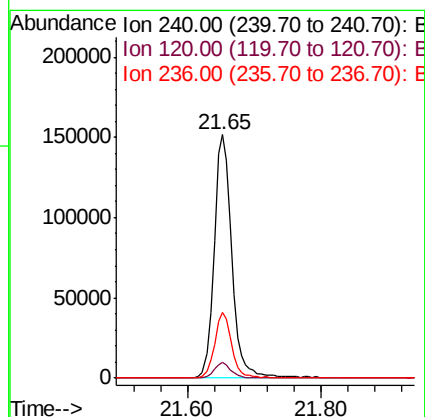
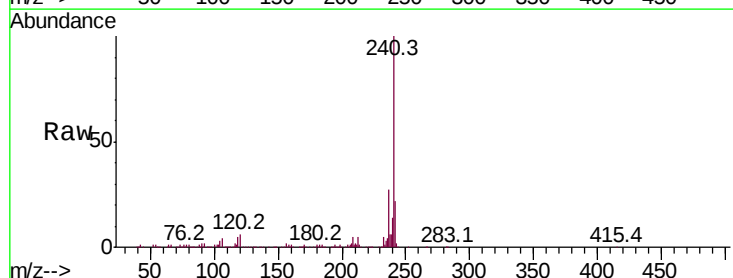
Instrument :
BNA_G
ClientSampleId :
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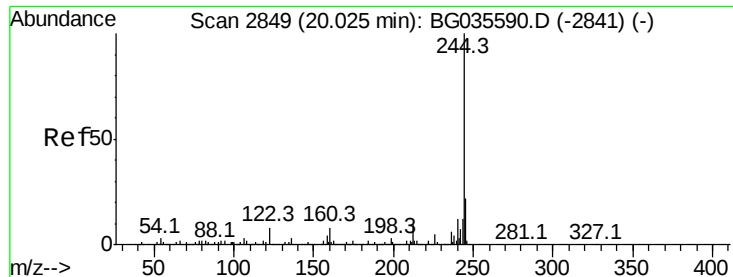
Tot Ion:188 Resp: 269448
Ion Ratio Lower Upper
188 100
94 5.4 6.9 10.3#
80 7.7 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG035991.D
Acq: 31 Jul 2018 2:03

Tgt Ion:240 Resp: 283449
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 27.0 20.9 31.3





#78

Terphenyl-d14

Concen: 96.728 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035991.D

Acq: 31 Jul 2018 2:03

Instrument :

BNA_G

ClientSampleId :

072618-DBRI-F-D-M

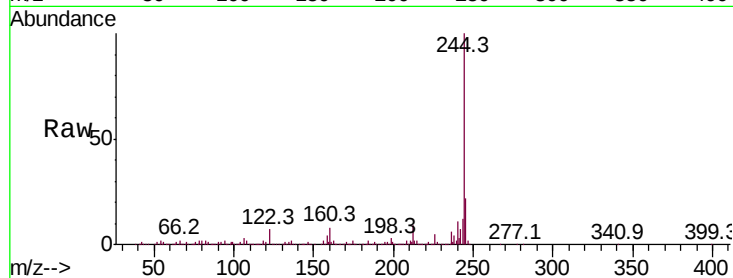
Tot Ion:244 Resp: 1243812

Ion Ratio Lower Upper

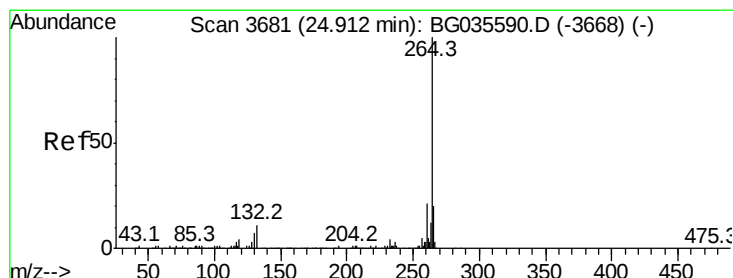
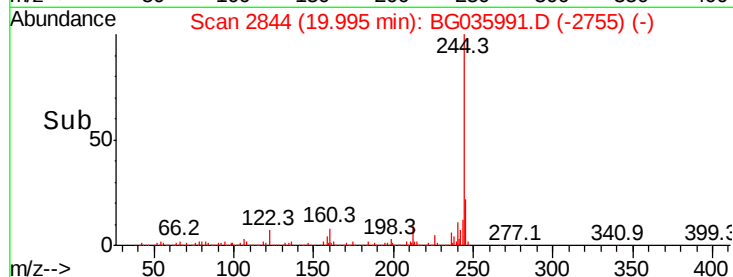
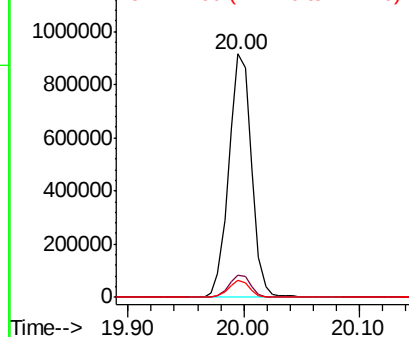
244 100

212 9.4 5.8 8.8#

122 6.9 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# 3671

Delta R.T. -0.01 min

Lab File: BG035991.D

Acq: 31 Jul 2018 2:03

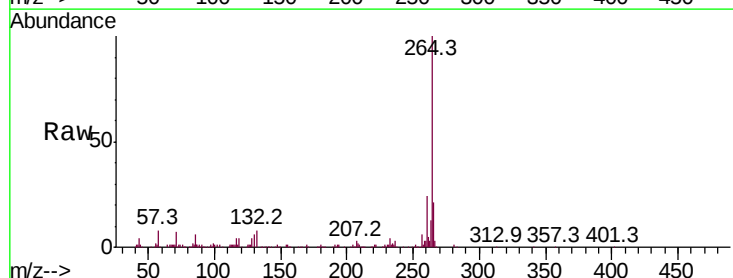
Tgt Ion:264 Resp: 261867

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.3 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

