

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080818\
 Data File : BG036219.D
 Acq On : 9 Aug 2018 5:54
 Operator : JU/SJ
 Sample : J4350-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 080218-DBRI-E-U-S

Quant Time: Aug 09 08:10:36 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	8.01	152	27049	20.00	ng	-0.01
21) Naphthalene-d8	10.81	136	94439	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	71976	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	194722	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	210916	20.00	ng	-0.02
86) Perylene-d12	24.83	264	195983	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	73056	44.84	ng	0.00
7) Phenol-d6	7.18	99	64201	26.41	ng	-0.01
23) Nitrobenzene-d5	9.17	82	239257	105.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	101726	107.23	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	536554	99.87	ng	-0.02
78) Terphenyl-d14	19.98	244	1014275	106.00	ng	-0.02

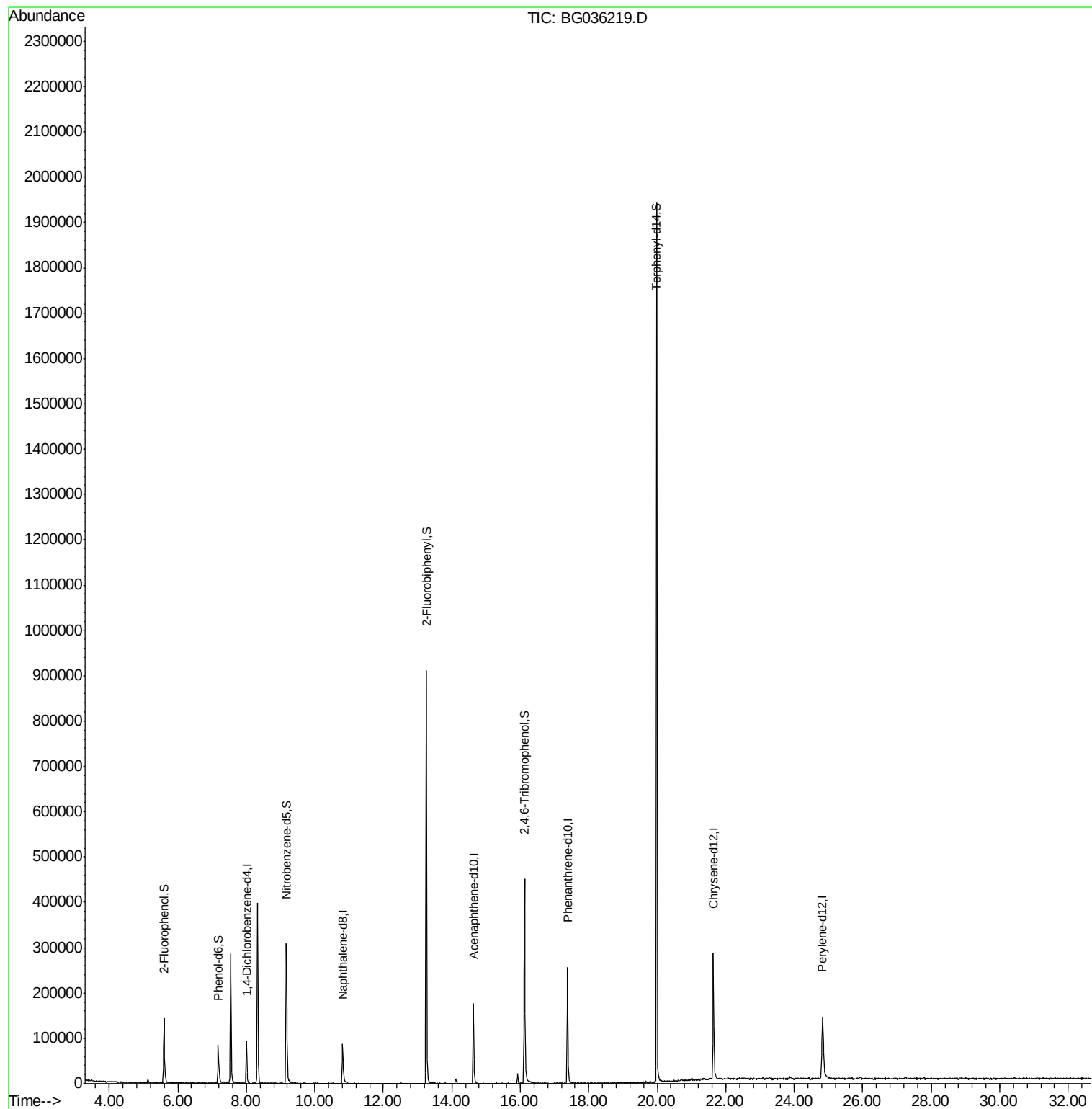
Target Compounds	Qvalue
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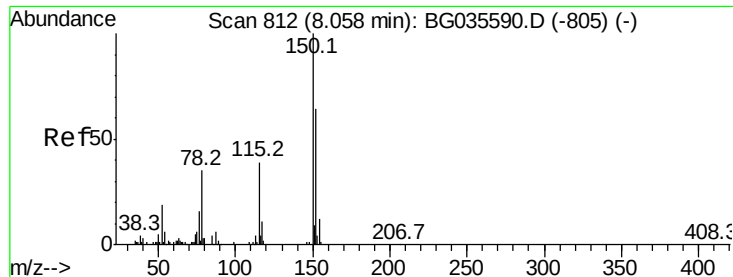
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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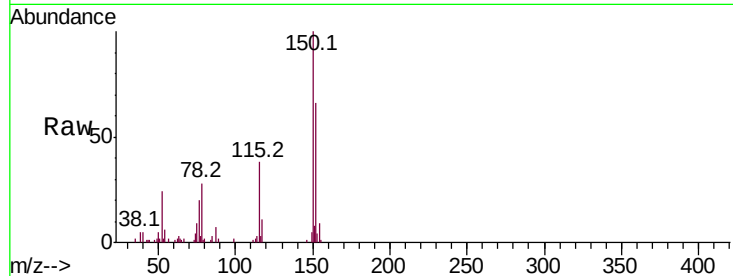


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG036219.D
 Acq: 9 Aug 2018 5:54

Instrument :
 BNA_G
 ClientSampleId :
 080218-DBRI-E-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	57.0	53.0	79.4

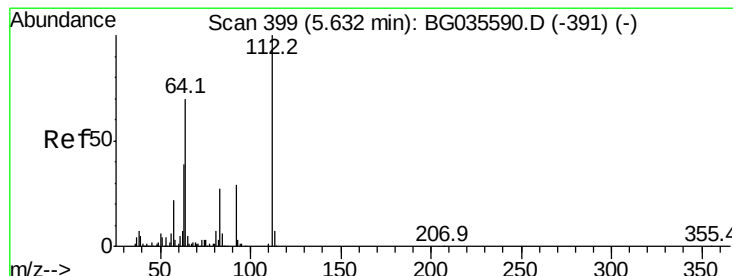
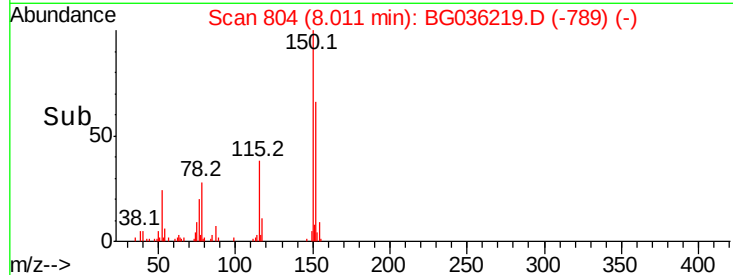
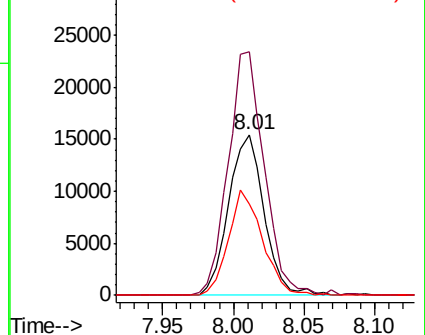


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

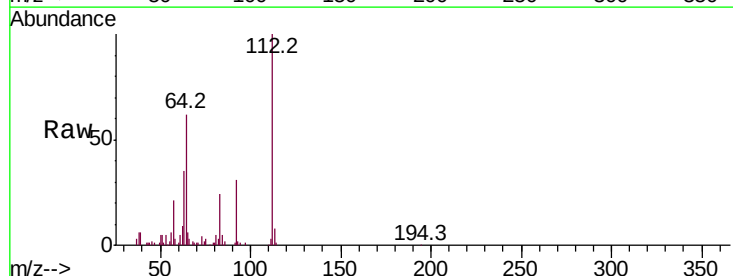
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 44.841 ng
 RT: 5.60 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG036219.D
 Acq: 9 Aug 2018 5:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	56.3	84.5
63	35.0	30.1	45.1

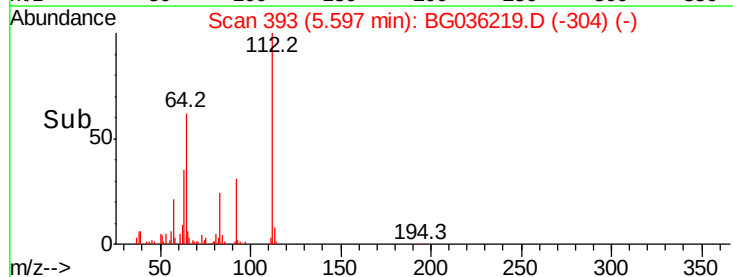
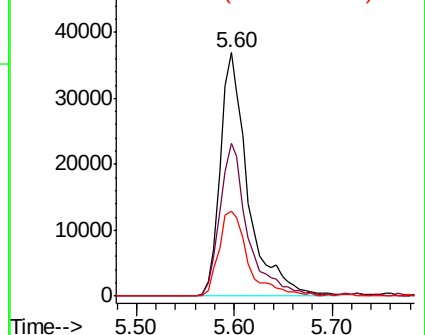


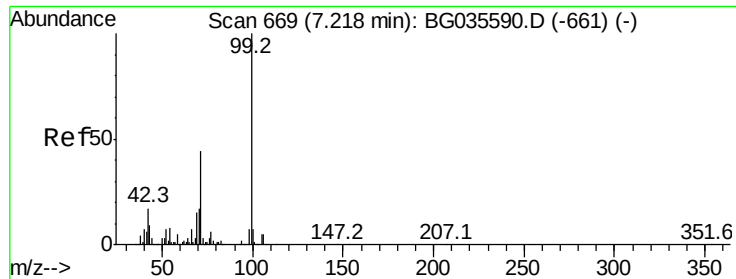
Abundance

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: 26.412 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080218-DBRI-E-U-S

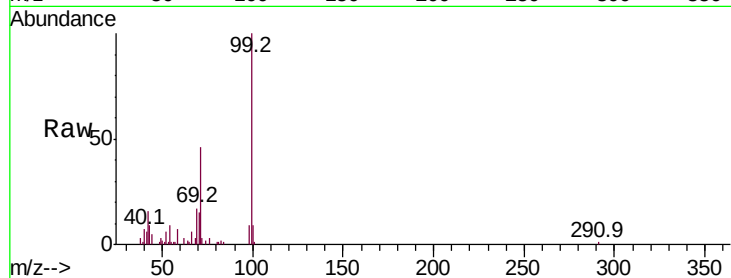
Tot Ion: 99 Resp: 64201

Ion Ratio Lower Upper

99 100

42 16.1 14.1 21.1

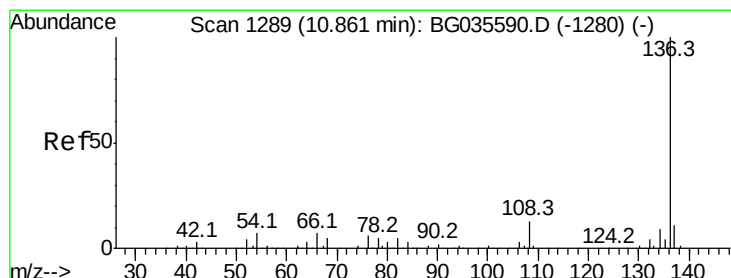
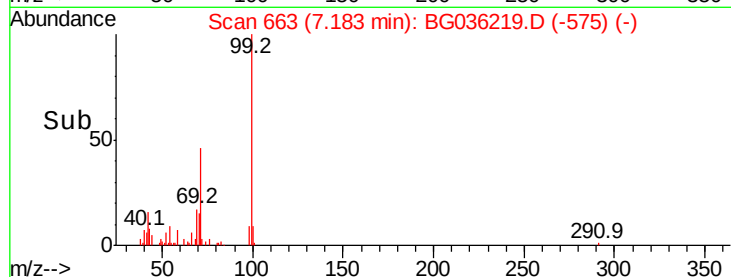
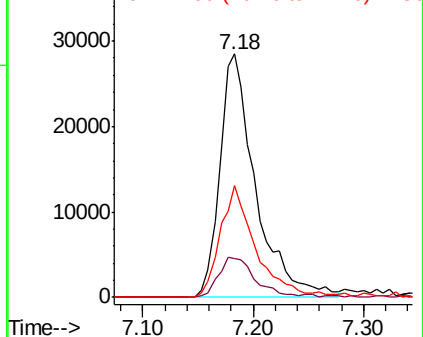
71 45.8 26.1 39.1#



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: 10.81 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

Tgt Ion: 136 Resp: 94439

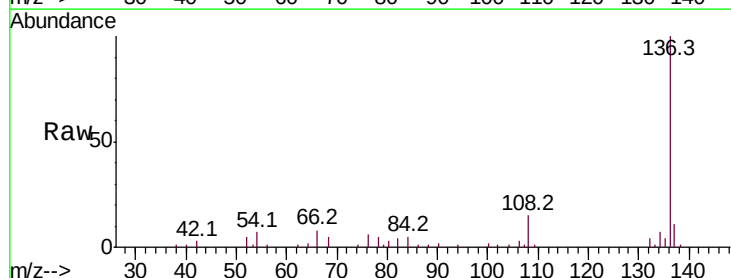
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 6.7 10.3 15.5#

68 5.2 4.5 6.7

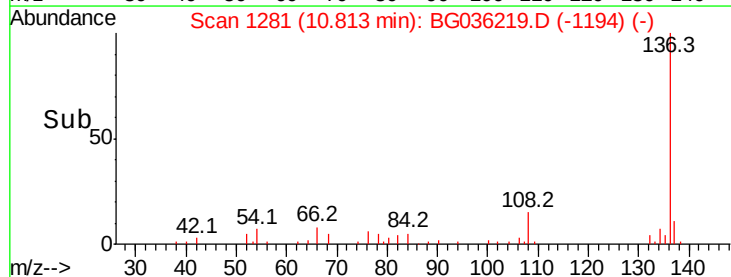
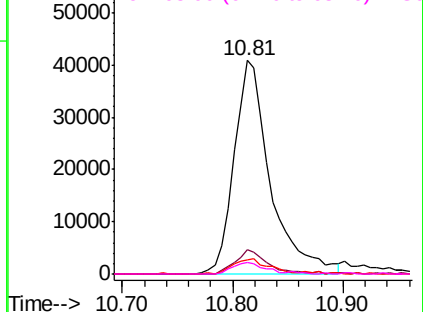


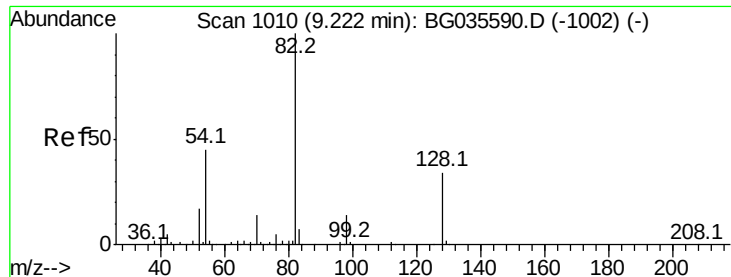
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 105.834 ng

RT: 9.17 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080218-DBRI-E-U-S

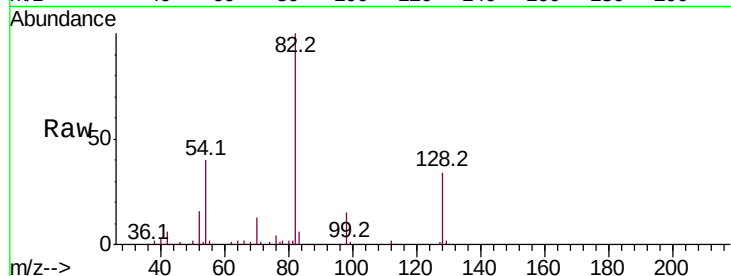
Tot Ion: 82 Resp: 239257

Ion Ratio Lower Upper

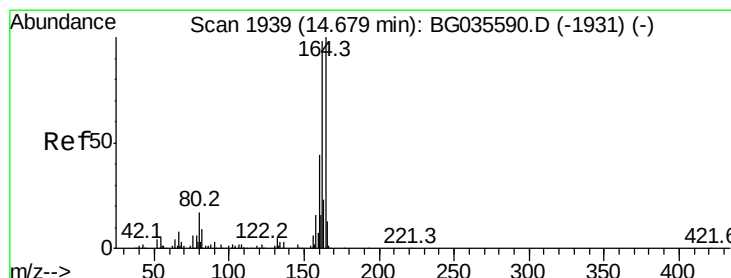
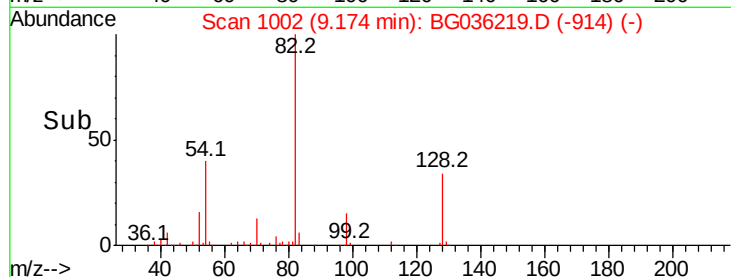
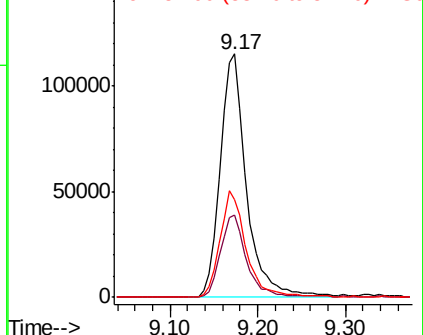
82 100

128 33.9 29.7 44.5

54 40.1 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: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

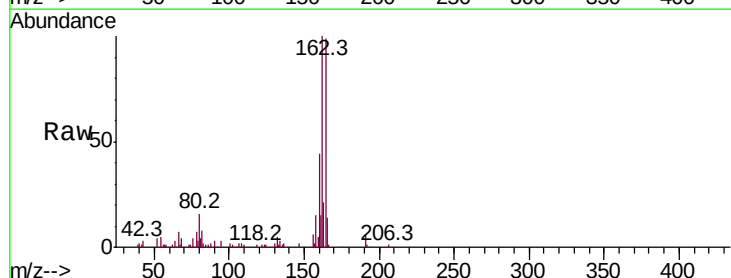
Tgt Ion:164 Resp: 71976

Ion Ratio Lower Upper

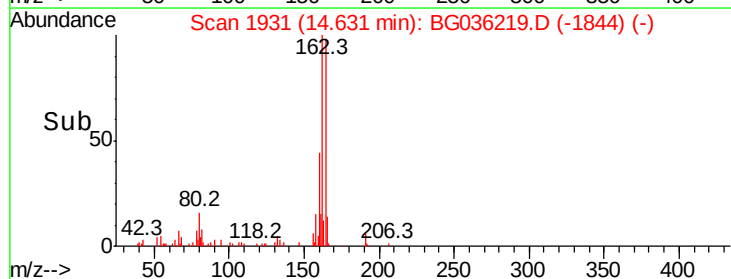
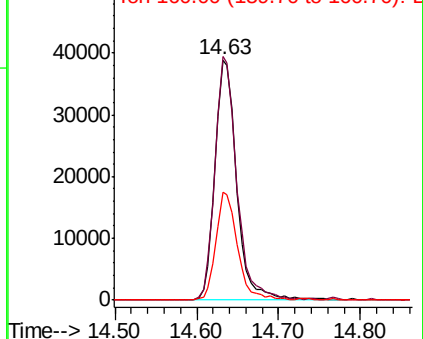
164 100

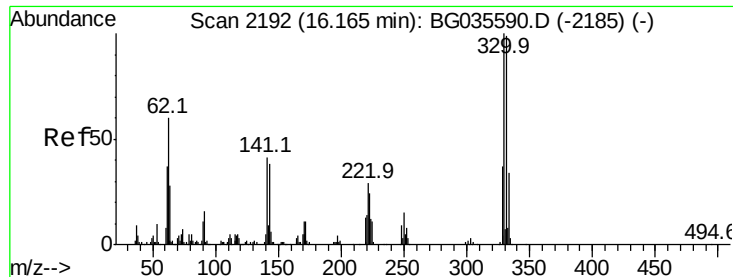
162 101.4 78.8 118.2

160 44.8 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

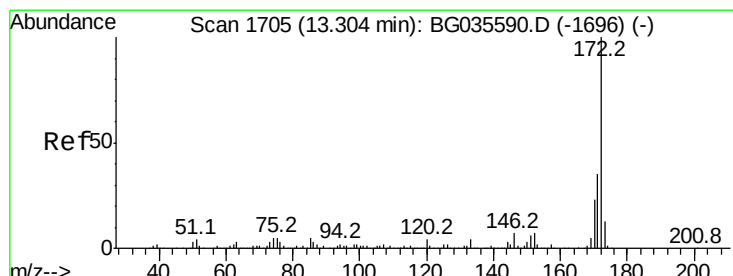
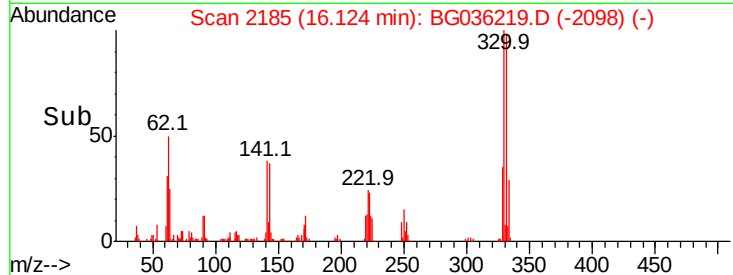
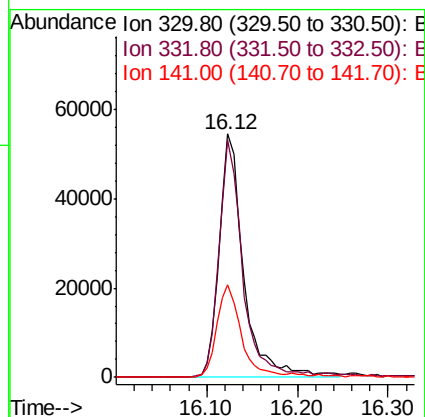
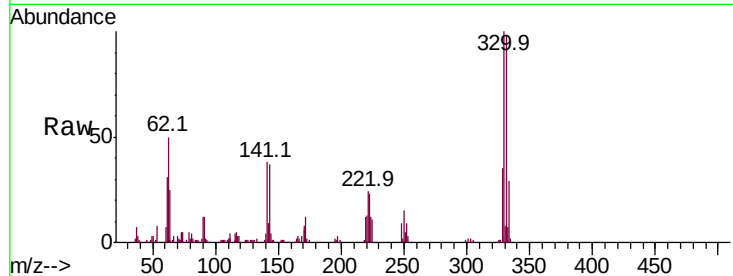




#41
2,4,6-Tribromophenol
Concen: 107.228 ng
RT: 16.12 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BG036219.D
Acq: 9 Aug 2018 5:54

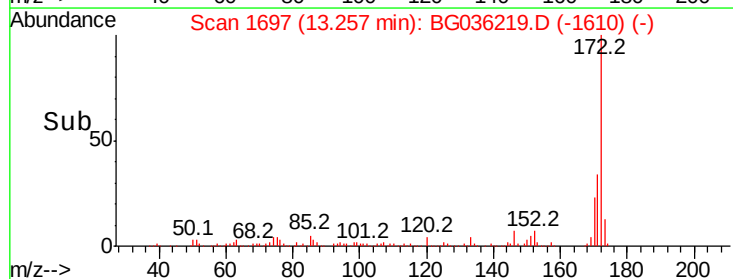
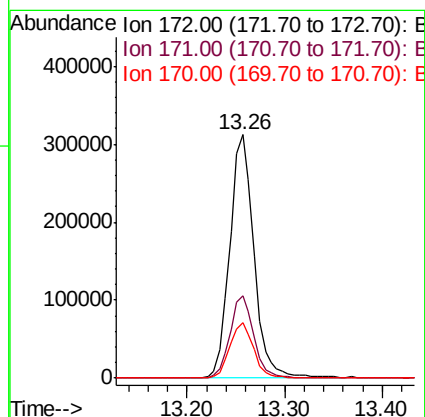
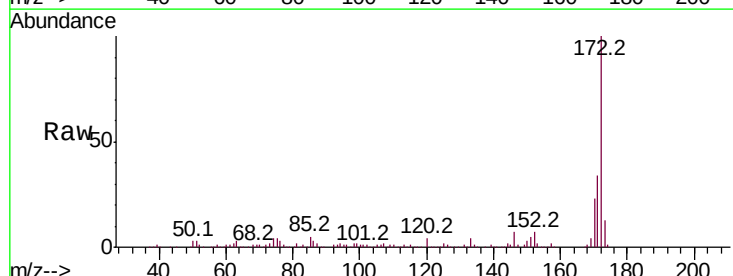
Instrument :
BNA_G
ClientSampleId :
080218-DBRI-E-U-S

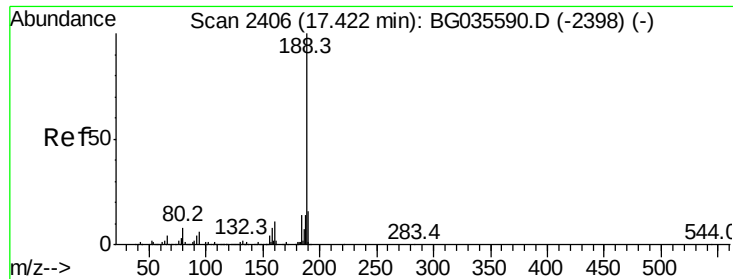
Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	37.4	25.2	37.8



#44
2-Fluorobiphenyl
Concen: 99.873 ng
RT: 13.26 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG036219.D
Acq: 9 Aug 2018 5:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.0	45.0
170	22.7	19.5	29.3

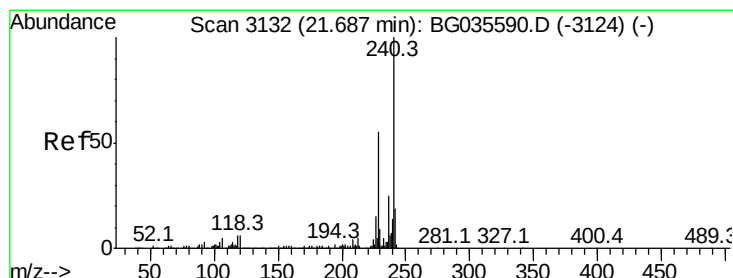
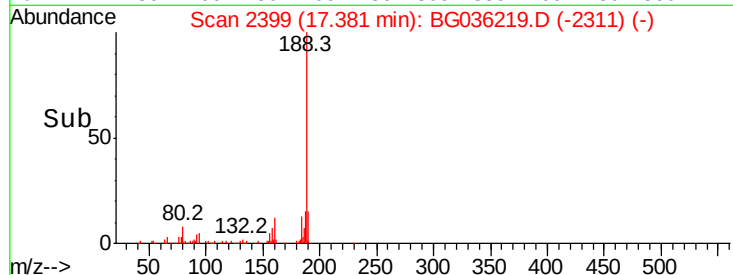
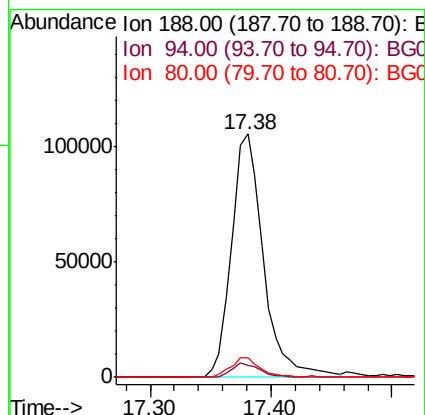
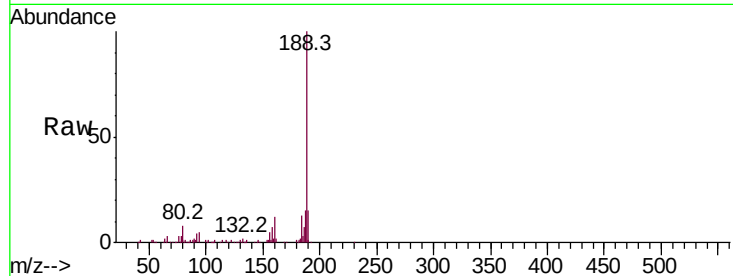




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BG036219.D
Acq: 9 Aug 2018 5:54

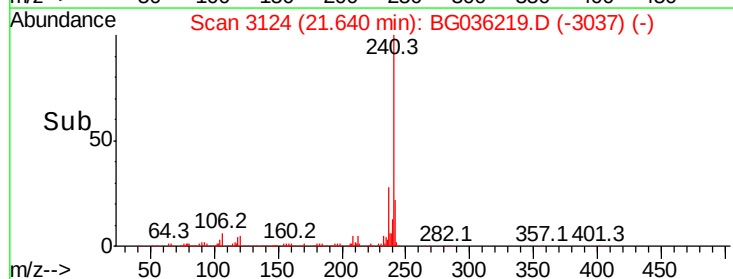
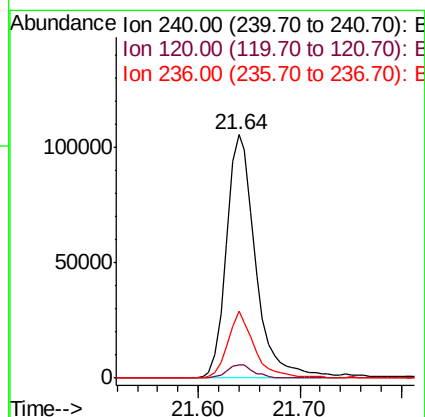
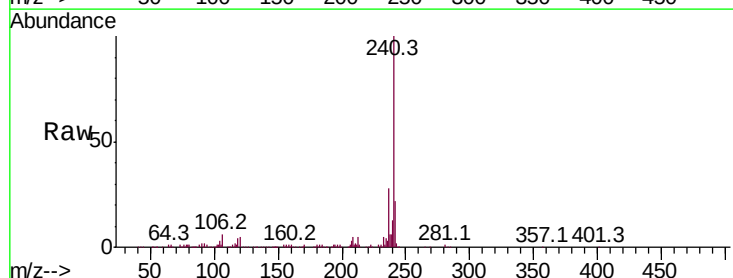
Instrument :
BNA_G
ClientSampleId :
080218-DBRI-E-U-S

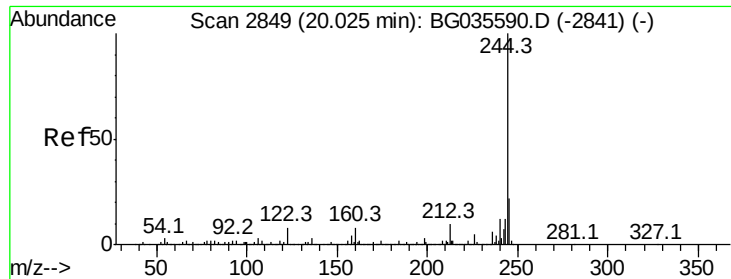
Tot Ion	Ratio	Lower	Upper
188	100		
94	4.9	6.9	10.3#
80	8.3	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.64 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BG036219.D
Acq: 9 Aug 2018 5:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	6.8	10.2#
236	27.5	20.9	31.3





#78

Terphenyl-d14

Concen: 106.003 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

Instrument :

BNA_G

ClientSampleId :

080218-DBRI-E-U-S

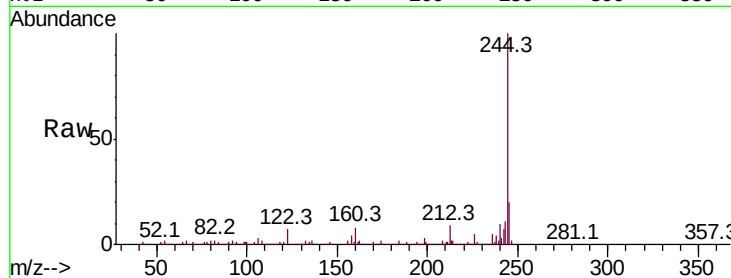
Tot Ion:244 Resp: 1014275

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

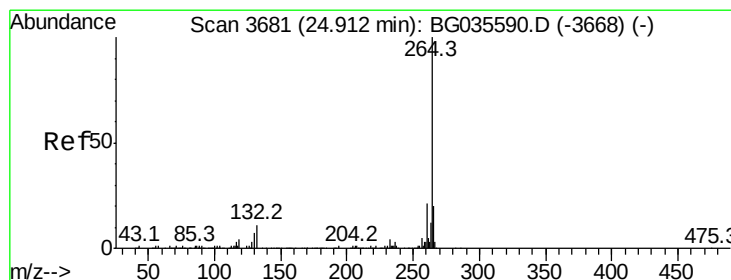
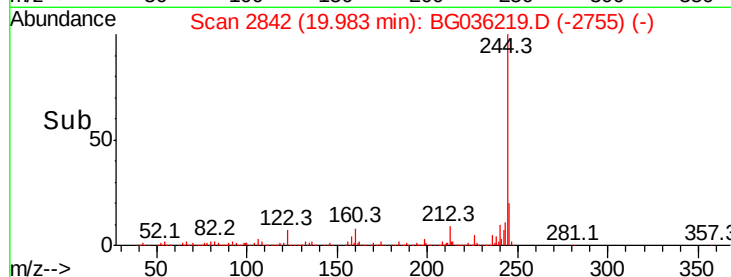
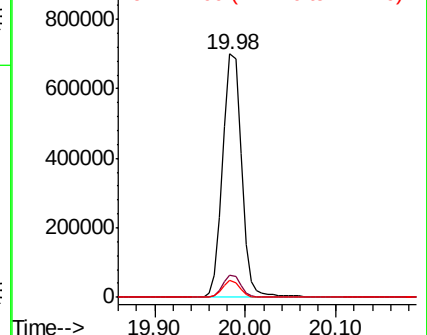
122 6.8 7.0 10.4#



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036219.D

Acq: 9 Aug 2018 5:54

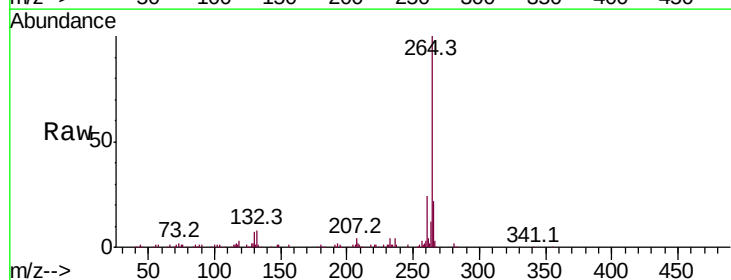
Tgt Ion:264 Resp: 195983

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.8 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

