

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035978.D
 Acq On : 30 Jul 2018 16:20
 Operator : JU/SJ
 Sample : J4196-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 072518-DBRI-E-U-M

Quant Time: Jul 30 17:41:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36825	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	139875	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	104380	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	292707	20.00	ng	0.00
75) Chrysene-d12	21.65	240	310953	20.00	ng	0.00
86) Perylene-d12	24.85	264	295922	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	78852	35.55	ng	0.00
7) Phenol-d6	7.19	99	78976	23.86	ng	0.00
23) Nitrobenzene-d5	9.18	82	299348	89.40	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	125067	90.91	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	746748	95.85	ng	0.00
78) Terphenyl-d14	20.00	244	1208518	85.67	ng	0.00

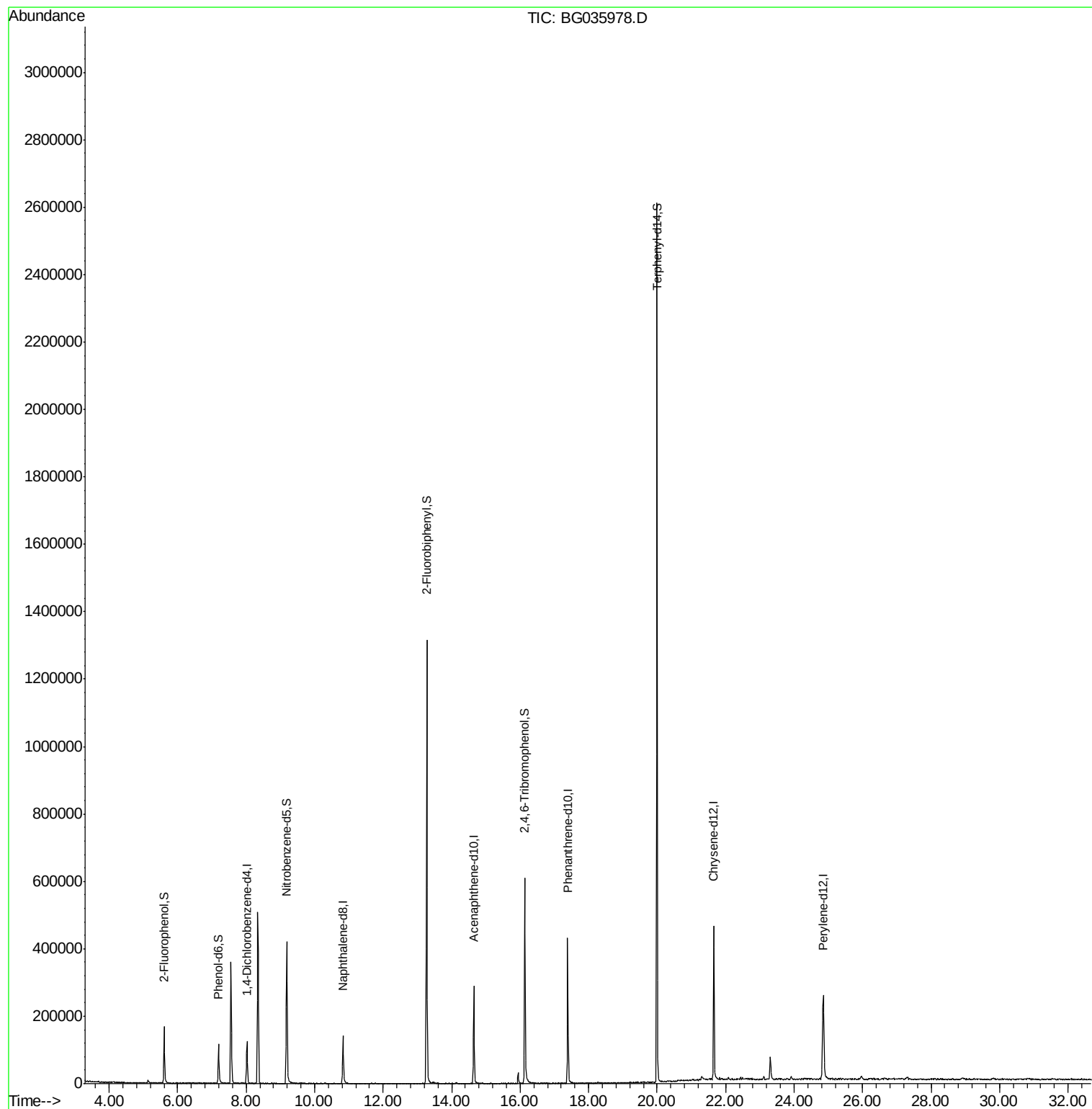
Target Compounds Qvalue

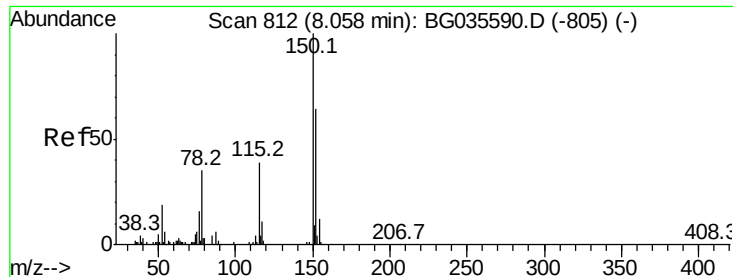
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-M

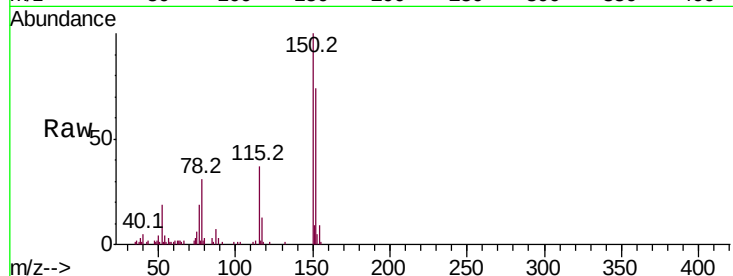
Tot Ion:152 Resp: 36825

Ion Ratio Lower Upper

152 100

150 135.7 126.6 189.8

115 49.6 53.0 79.4#

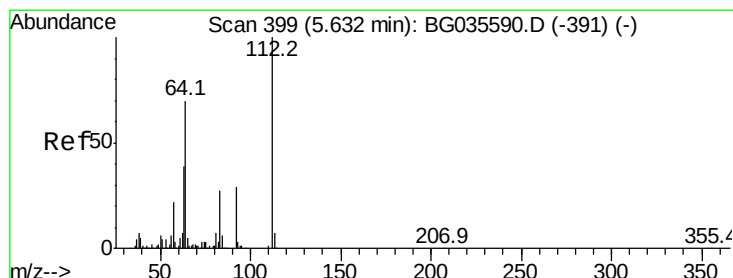
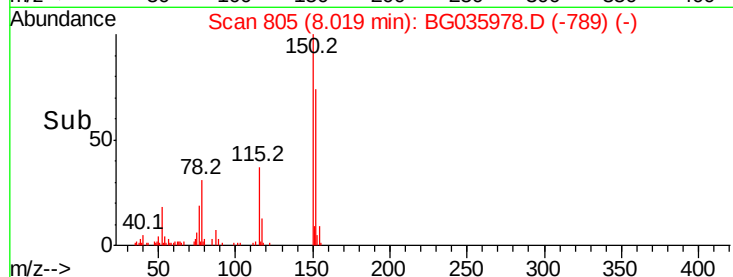
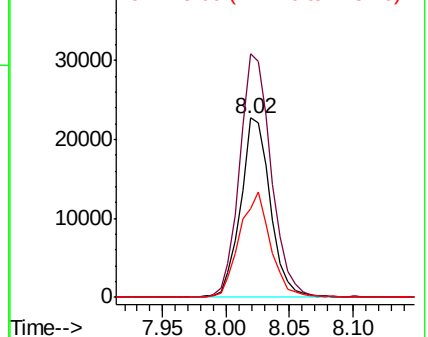


Abundance

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: 35.550 ng

RT: 5.60 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

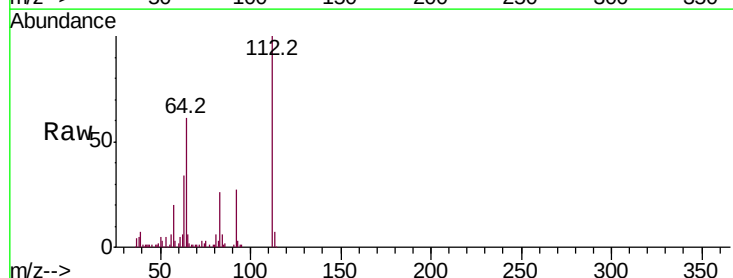
Tgt Ion:112 Resp: 78852

Ion Ratio Lower Upper

112 100

64 60.6 56.3 84.5

63 34.1 30.1 45.1

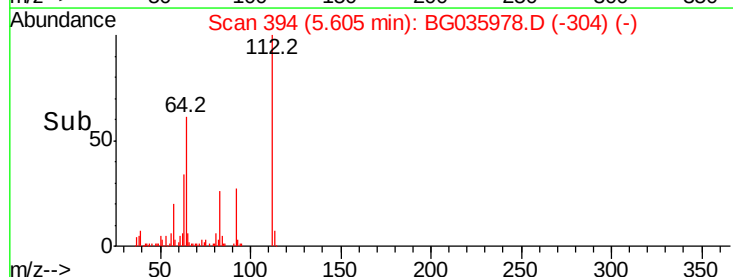
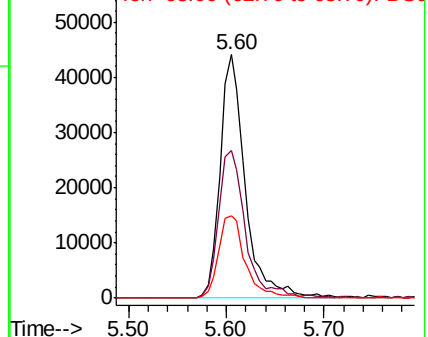


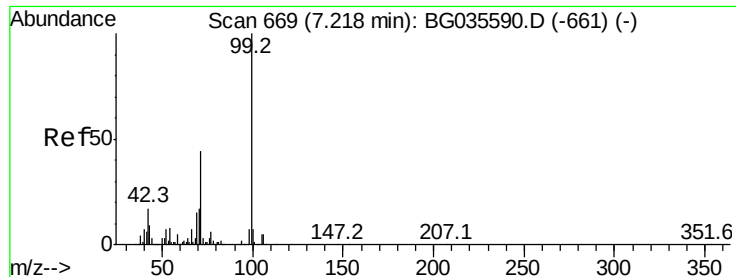
Abundance

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: 23.865 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-M

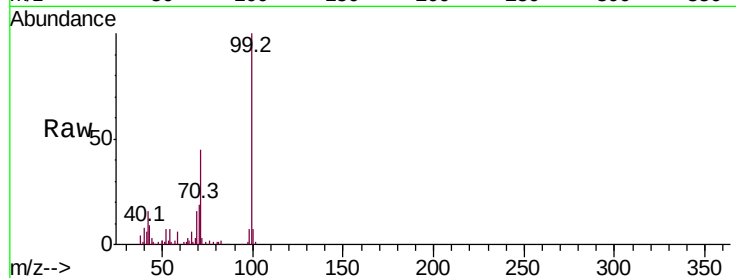
Tot Ion: 99 Resp: 78976

Ion Ratio Lower Upper

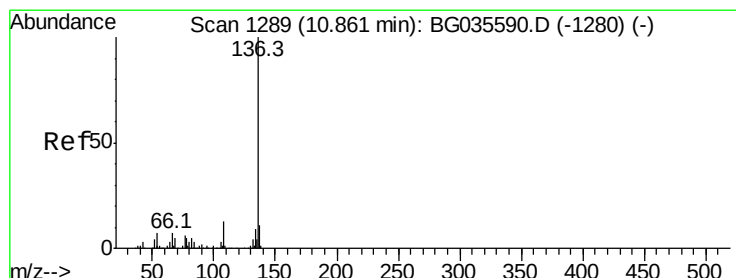
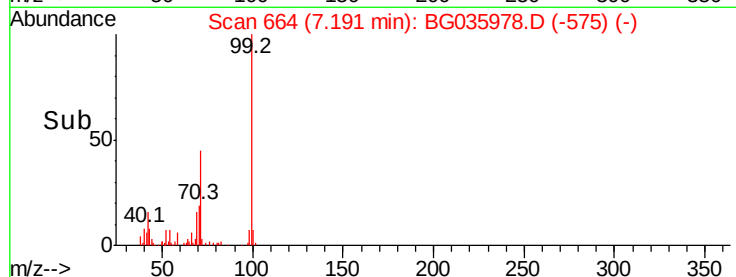
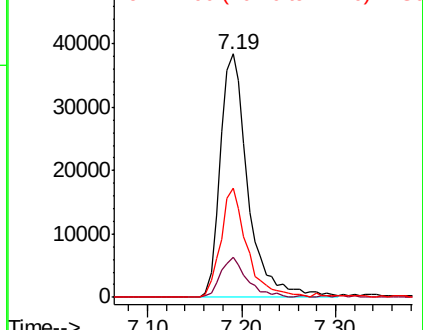
99 100

42 16.2 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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

Tgt Ion: 136 Resp: 139875

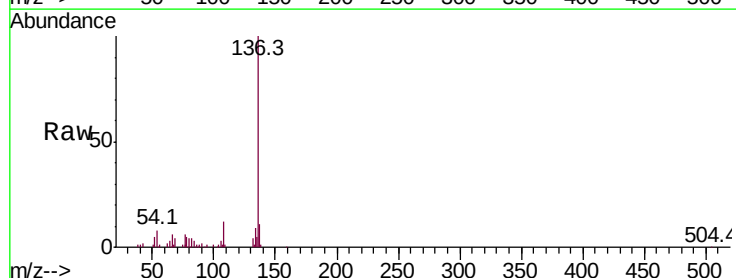
Ion Ratio Lower Upper

136 100

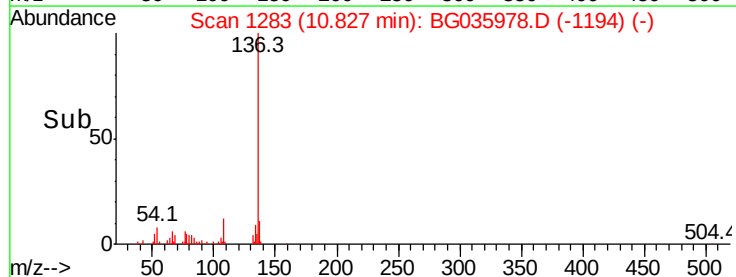
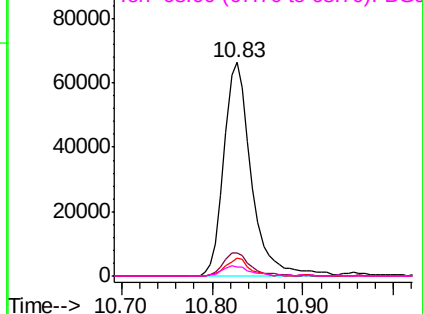
137 11.1 9.2 13.8

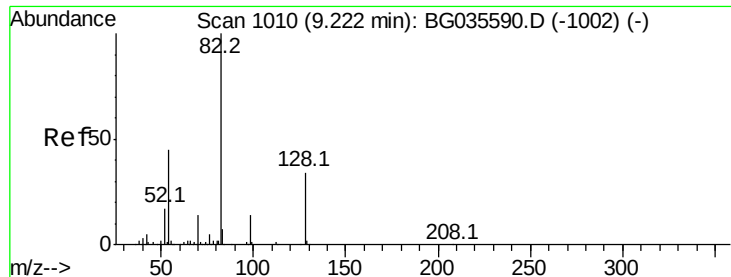
54 8.1 10.3 15.5#

68 4.4 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

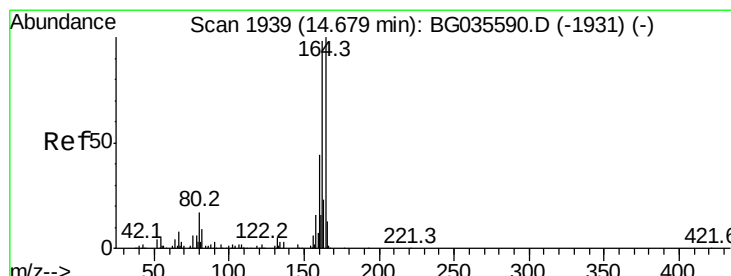
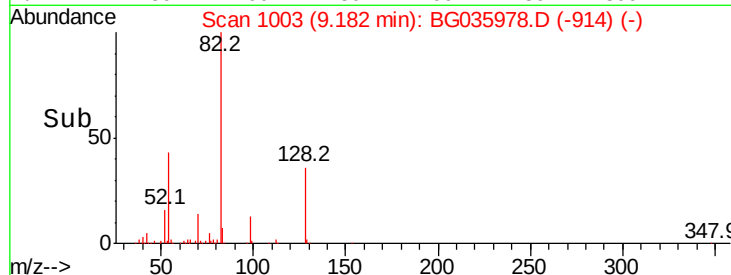
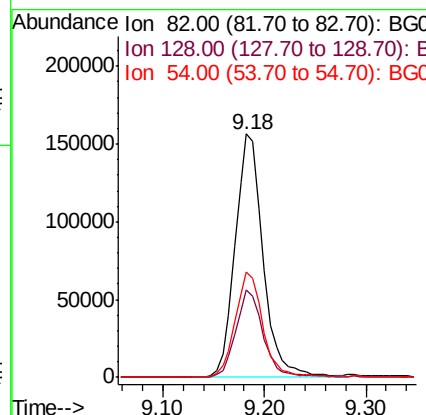
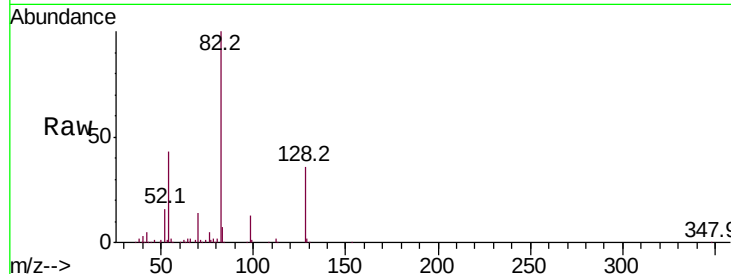




#23
Nitrobenzene-d5
Concen: 89.403 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG035978.D
Acq: 30 Jul 2018 16:20

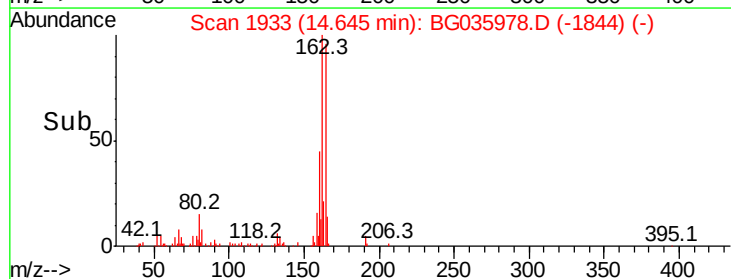
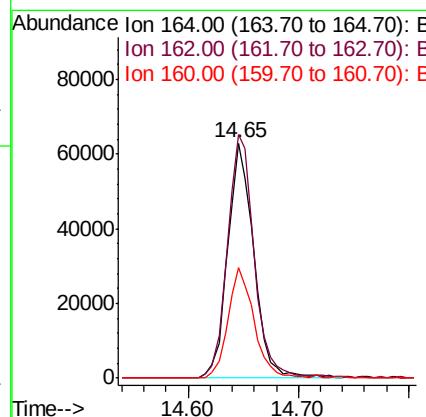
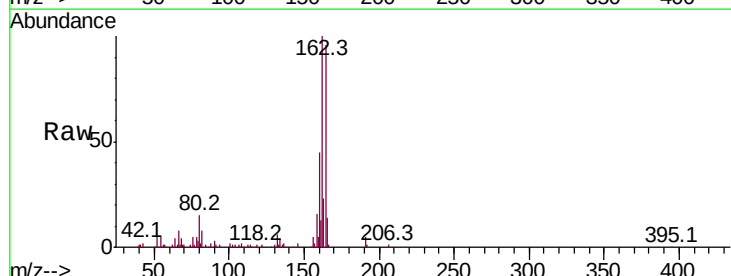
Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-U-M

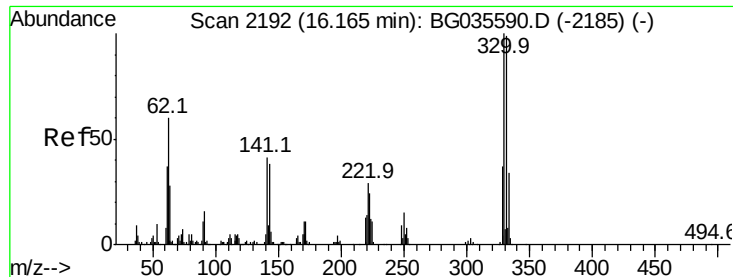
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	29.7	44.5
54	43.1	43.1	64.7#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG035978.D
Acq: 30 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	78.8	118.2
160	46.9	35.4	53.0

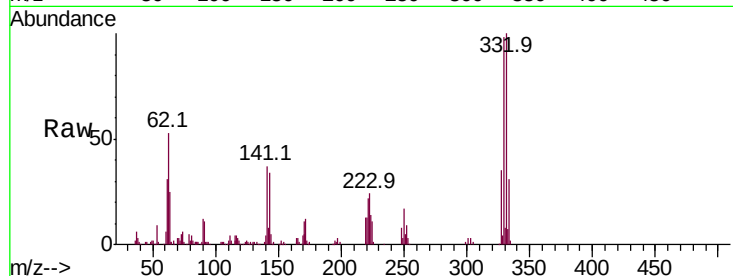




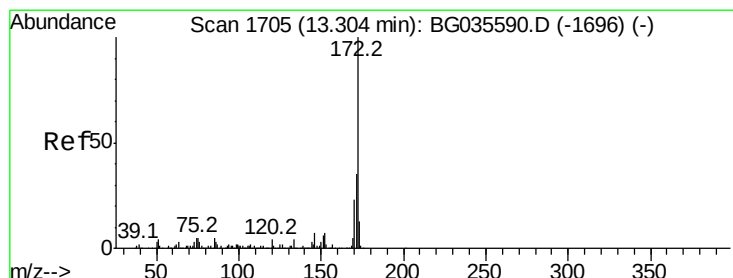
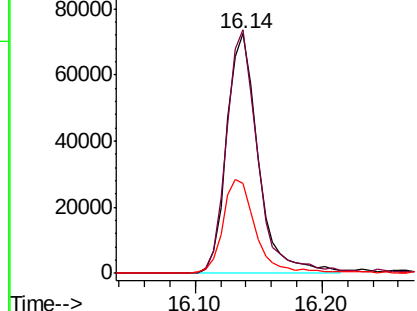
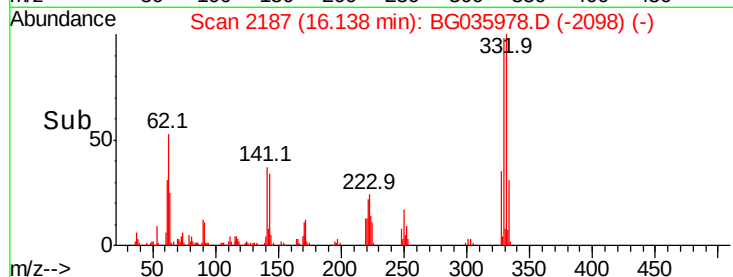
#41
2,4,6-Tribromophenol
Concen: 90.905 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG035978.D
Acq: 30 Jul 2018 16:20

Instrument :
BNA_G
ClientSampleId :
072518-DBRI-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.2	77.0	115.6
141	41.2	25.2	37.8

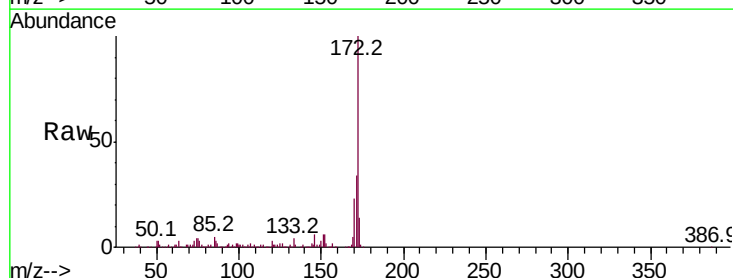


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

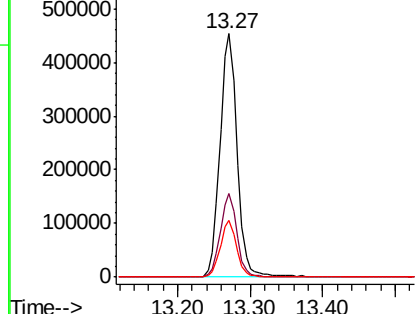
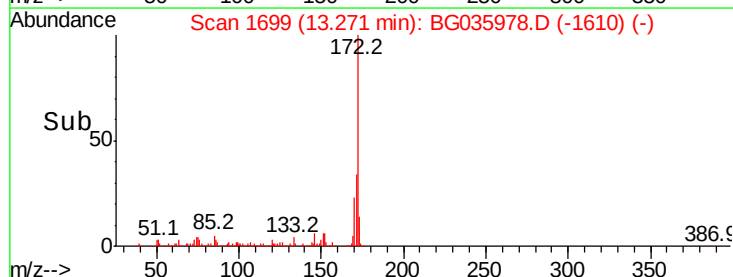


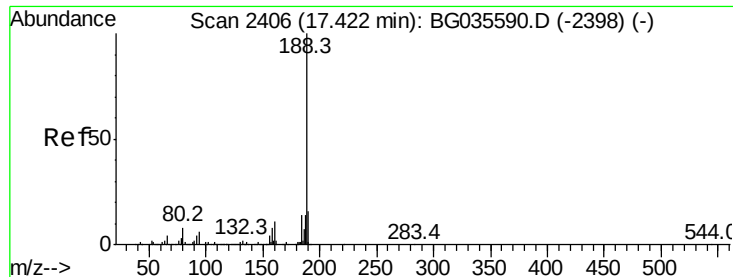
#44
2-Fluorobiphenyl
Concen: 95.847 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035978.D
Acq: 30 Jul 2018 16:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	23.4	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# 2400

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-M

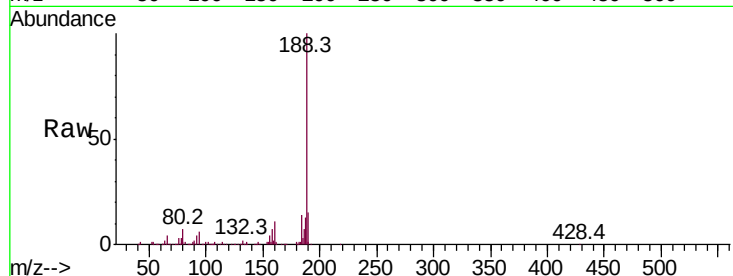
Tot Ion:188 Resp: 292707

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

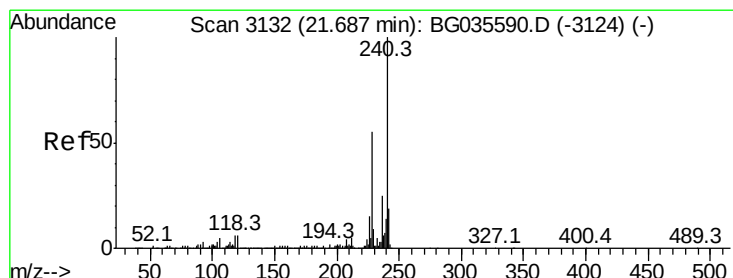
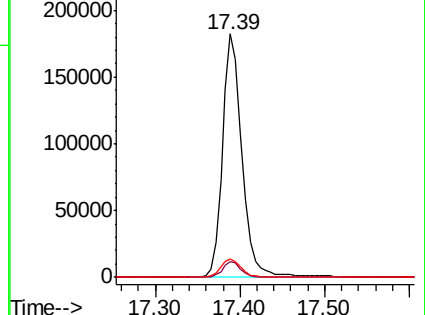
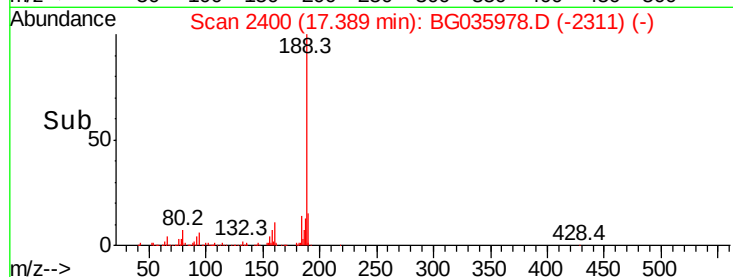
80 7.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

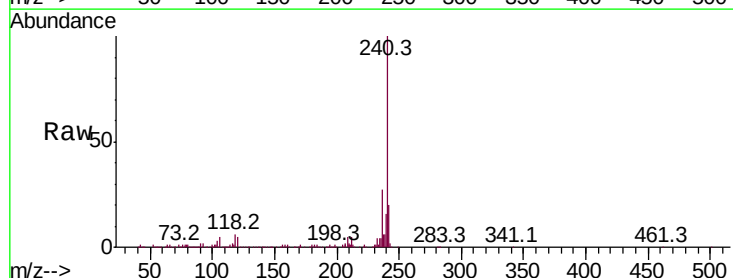
Tgt Ion:240 Resp: 310953

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

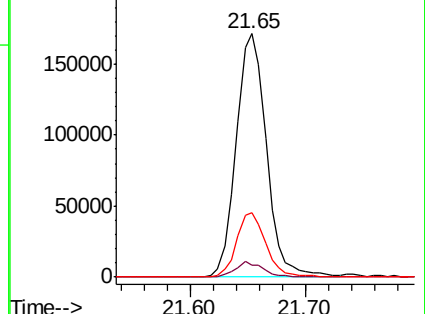
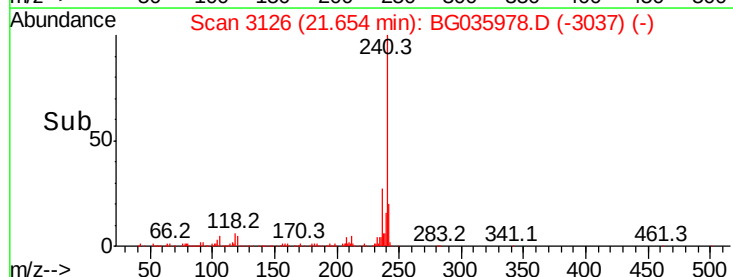
236 26.6 20.9 31.3

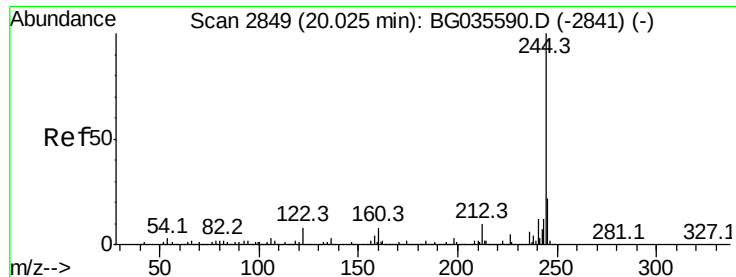


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.670 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

Instrument :

BNA_G

ClientSampleId :

072518-DBRI-E-U-M

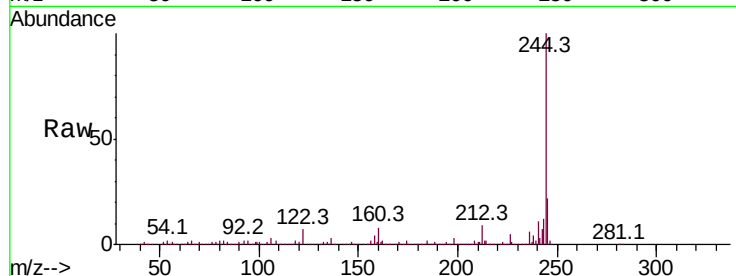
Tot Ion:244 Resp: 1208518

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

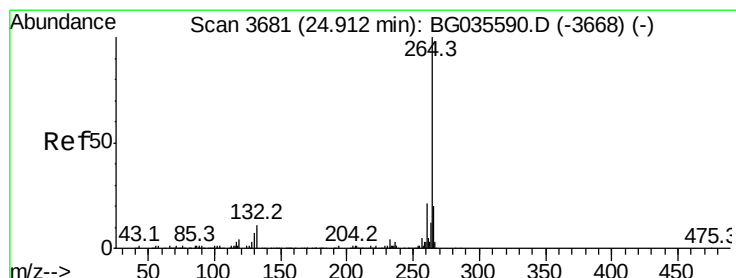
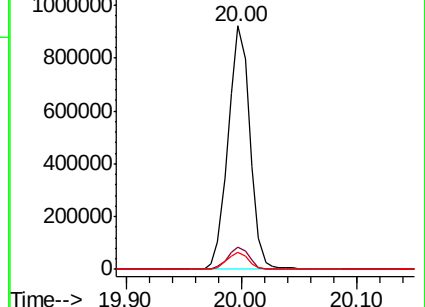
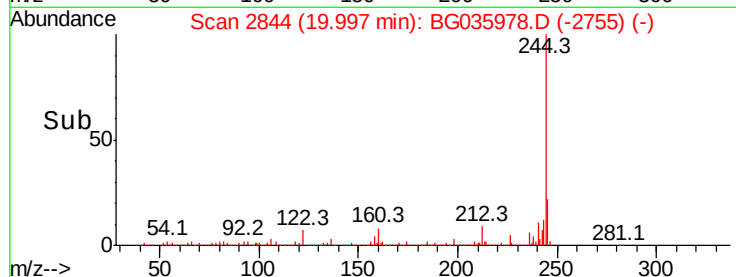
122 6.9 7.0 10.4#



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# 3670

Delta R.T. -0.01 min

Lab File: BG035978.D

Acq: 30 Jul 2018 16:20

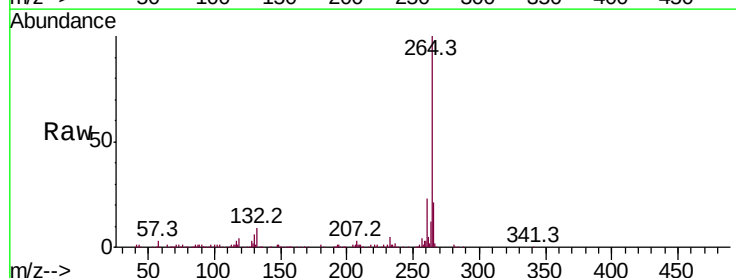
Tgt Ion:264 Resp: 295922

Ion Ratio Lower Upper

264 100

260 22.6 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

