

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035899.D
 Acq On : 26 Jul 2018 8:09
 Operator : JU/SJ
 Sample : J4107-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-M

Quant Time: Jul 26 11:01:20 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

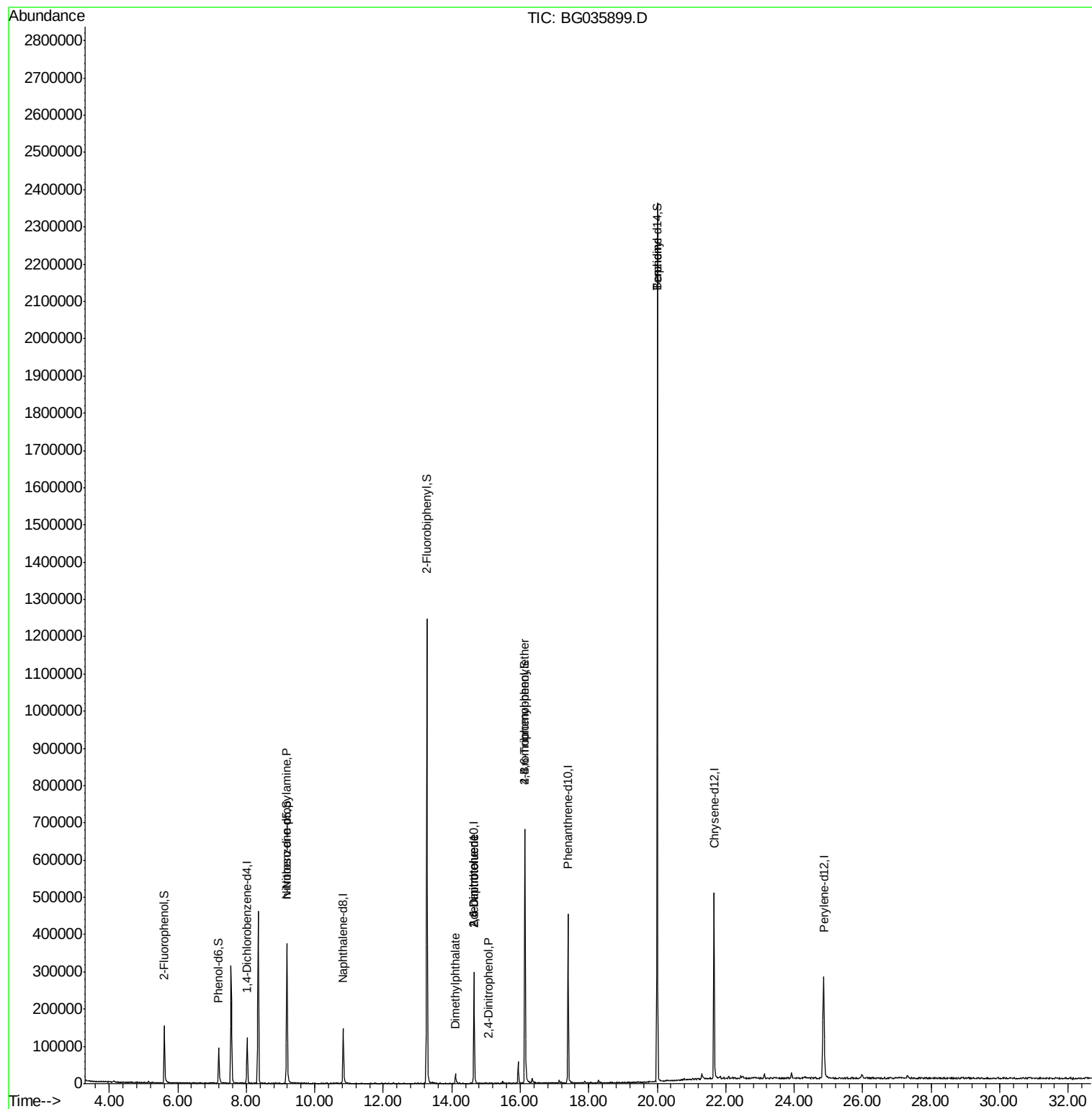
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	35448	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	133928	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109134	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	306980	20.00	ng	0.00
75) Chrysene-d12	21.66	240	329196	20.00	ng	0.00
86) Perylene-d12	24.85	264	304244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	73918	34.62	ng	0.00
7) Phenol-d6	7.19	99	67921	21.32	ng	0.00
23) Nitrobenzene-d5	9.19	82	264687	82.56	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	137334	95.47	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	700619	86.01	ng	0.00
78) Terphenyl-d14	20.00	244	1093742	73.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	36019	13.427	ng	# 69
49) Dimethylphthalate	14.11	163	25225	2.638	ng	# 92
50) 2,6-Dinitrotoluene	14.65	165	15208	7.810	ng	# 20
53) 2,4-Dinitrophenol	15.07	184	57	6.634	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	15208	5.444	ng	# 18
66) 4-Bromophenyl-phenylether	16.13	248	11765	3.303	ng	# 1
76) Benzidine	20.00	184	18884	2.182	ng	# 91

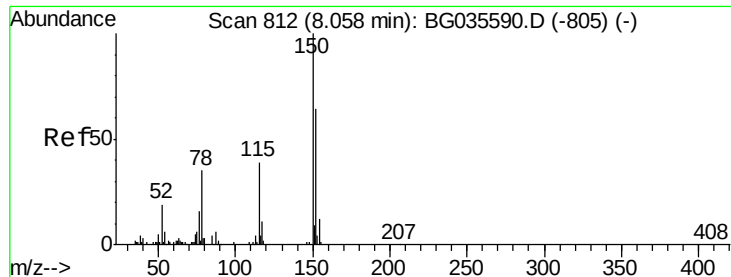
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



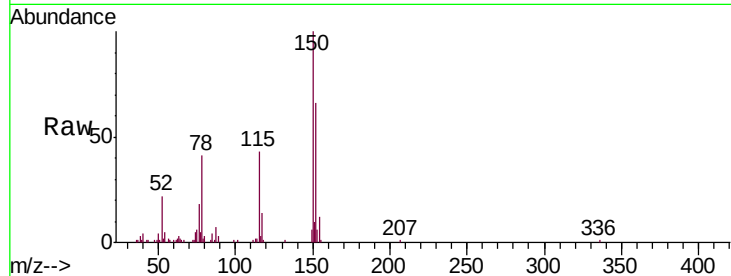


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. 0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.4	126.6	189.8
115	65.2	53.0	79.4

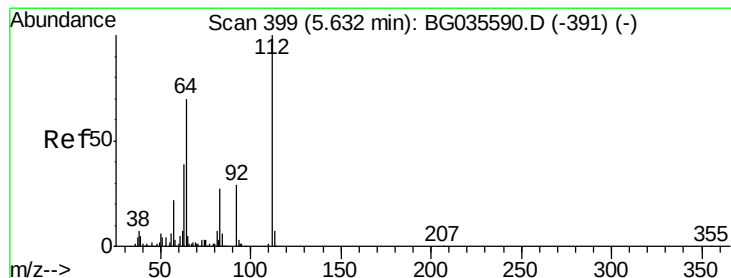
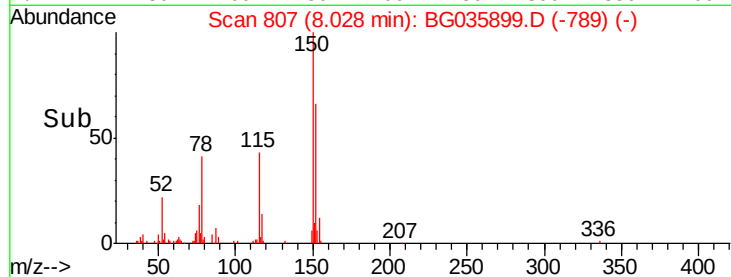
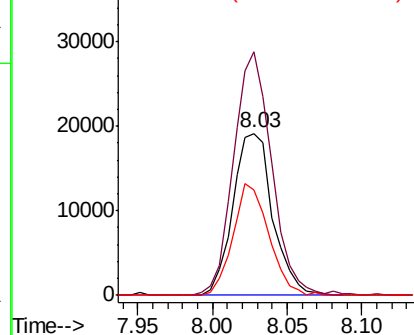


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

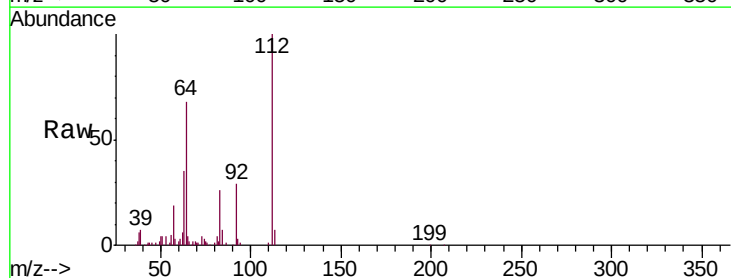
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 34.620 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	34.6	30.1	45.1

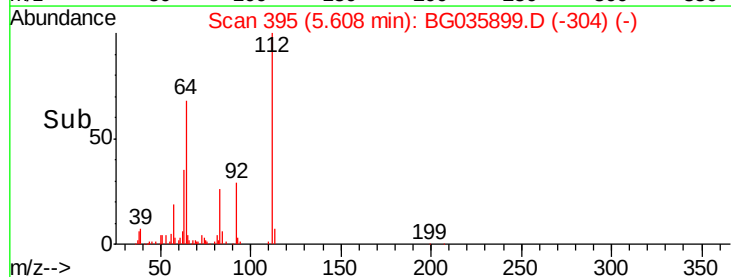
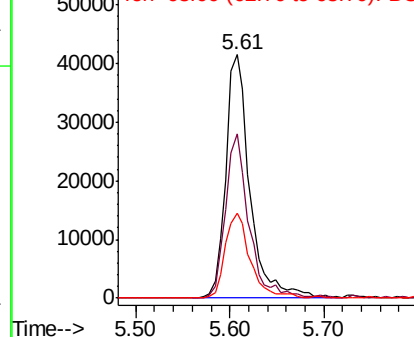


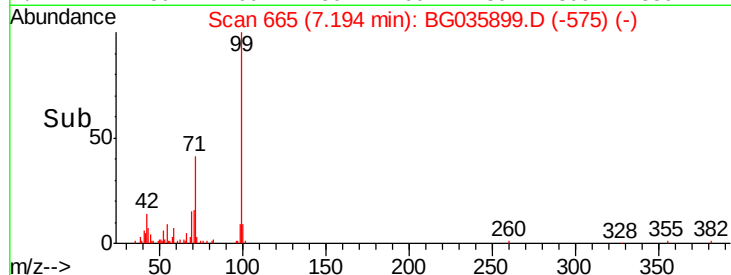
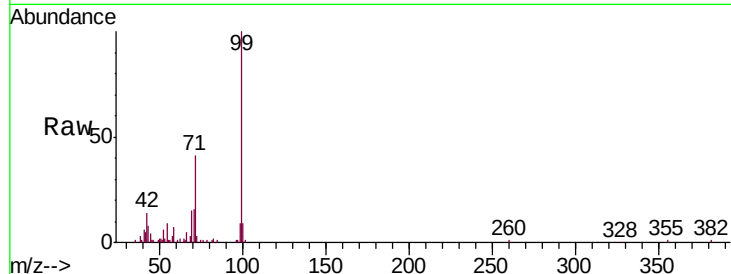
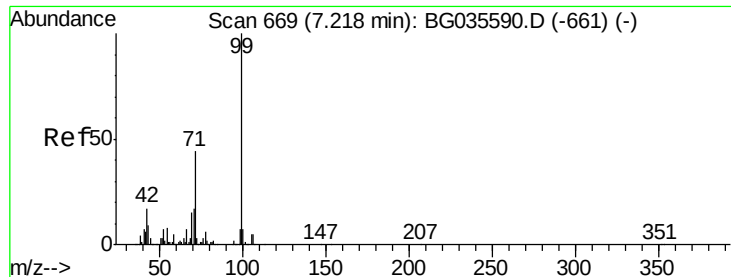
Abundance

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: 21.321 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

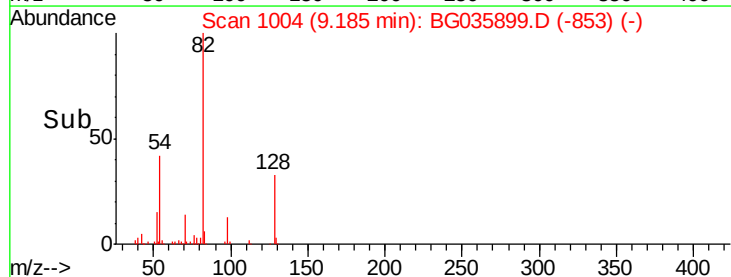
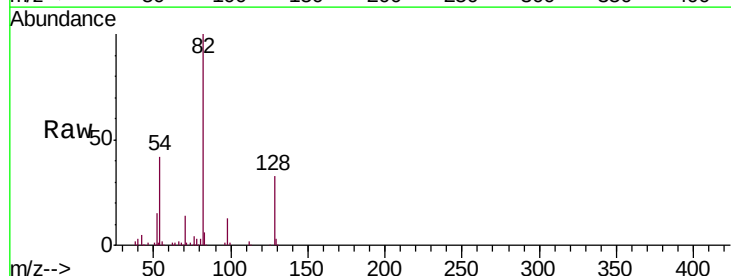
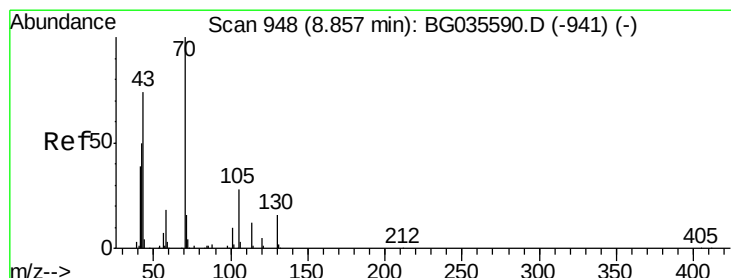
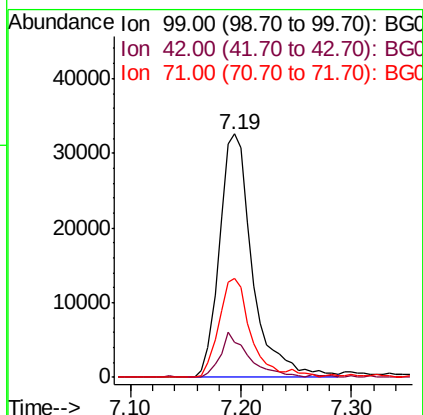
Tgt Ion: 99 Resp: 67921

Ion Ratio Lower Upper

99 100

42 14.2 14.1 21.1

71 40.8 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 13.427 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Tgt Ion: 70 Resp: 36019

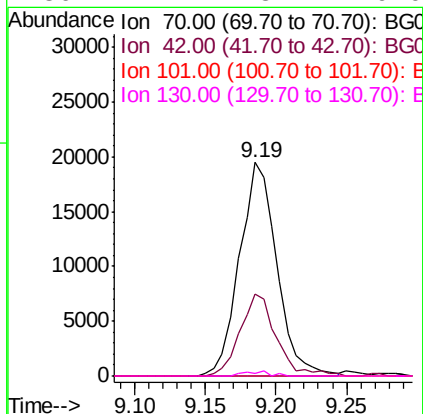
Ion Ratio Lower Upper

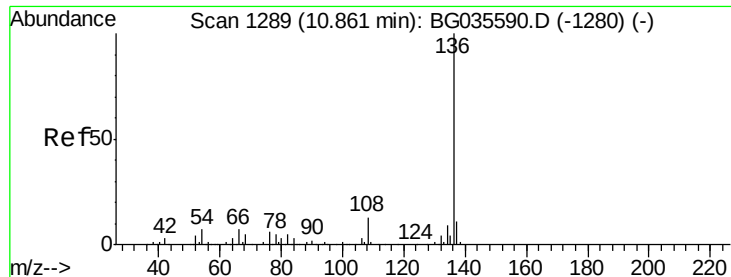
70 100

42 38.4 49.1 73.7#

101 0.0 8.5 12.7#

130 1.1 13.4 20.0#

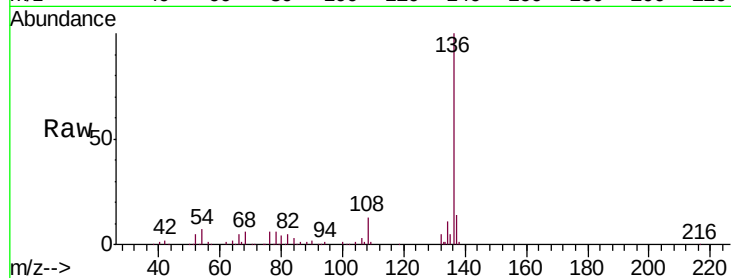




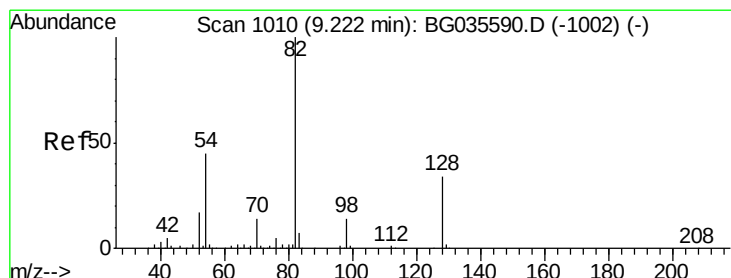
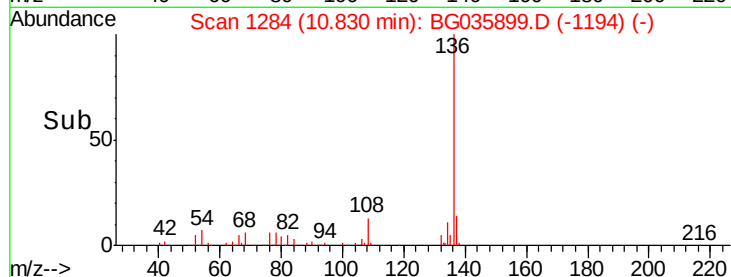
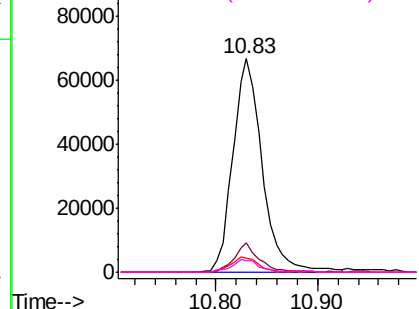
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-M

Tgt Ion:	136	Resp:	133928
Ion	Ratio	Lower	Upper
136	100		
137	13.7	9.2	13.8
54	6.8	10.3	15.5#
68	5.7	4.5	6.7

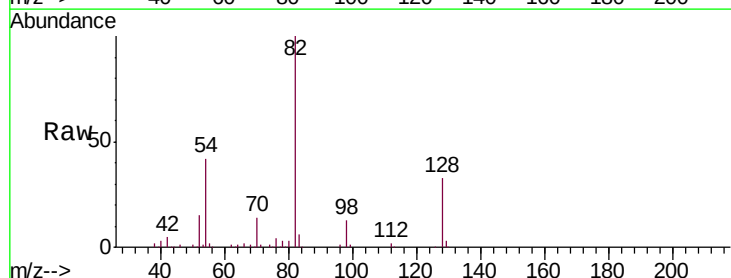


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

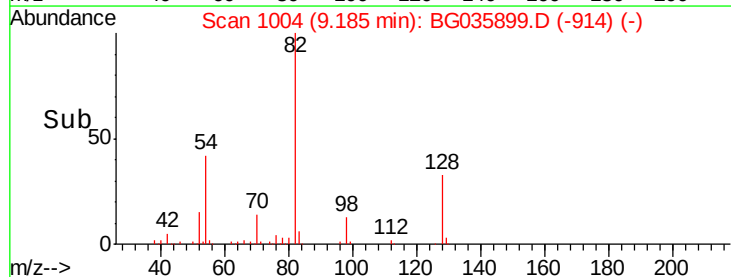
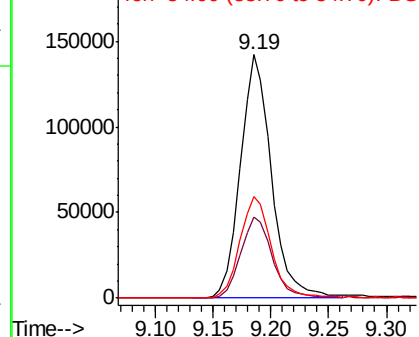


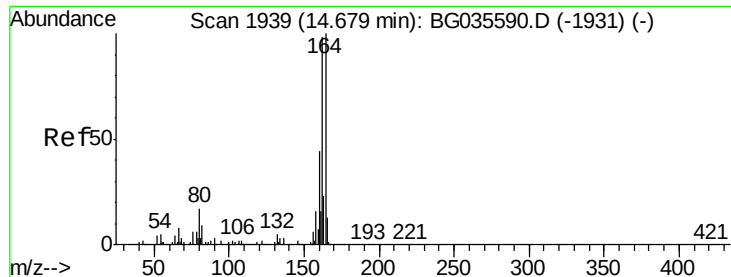
#23
Nitrobenzene-d5
Concen: 82.561 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Tgt Ion:	82	Resp:	264687
Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	41.7	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
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: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

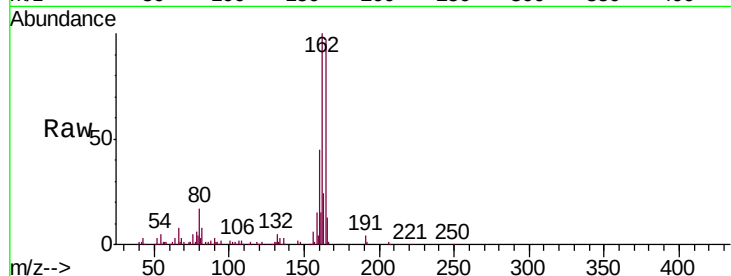
Tgt Ion:164 Resp: 109134

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

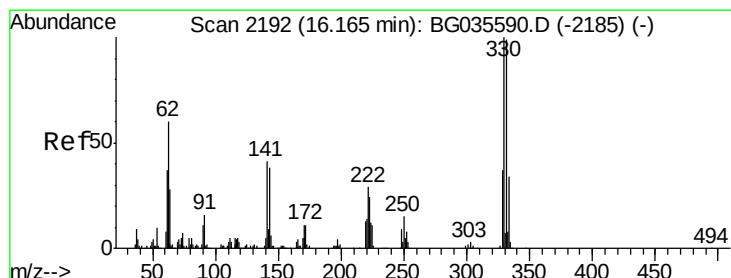
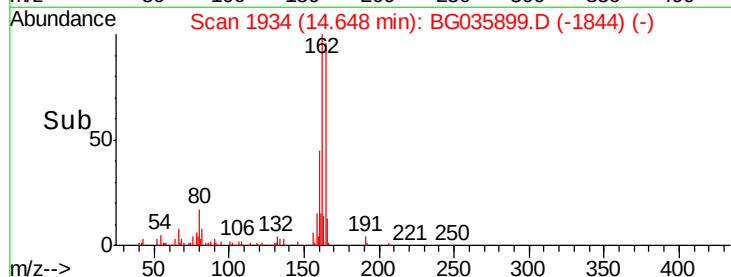
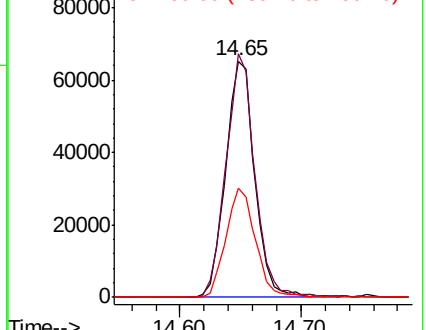
160 46.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 95.473 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

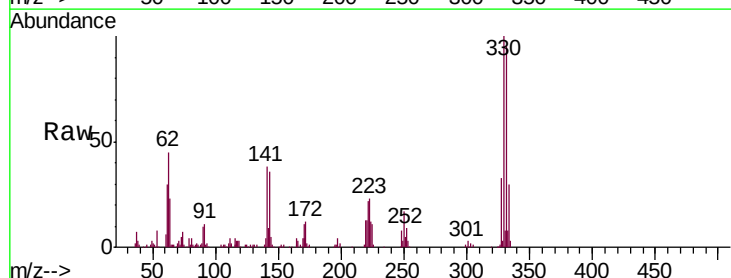
Tgt Ion:330 Resp: 137334

Ion Ratio Lower Upper

330 100

332 94.1 77.0 115.6

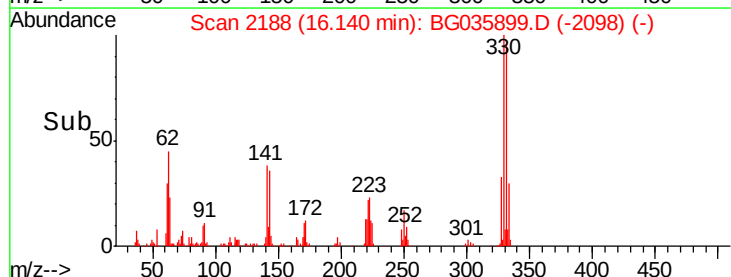
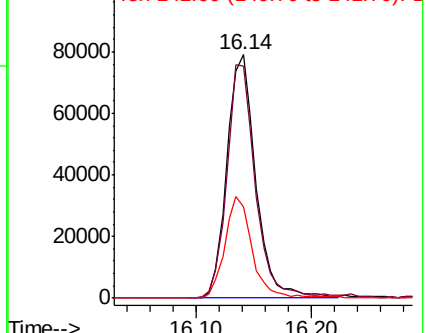
141 38.7 25.2 37.8#

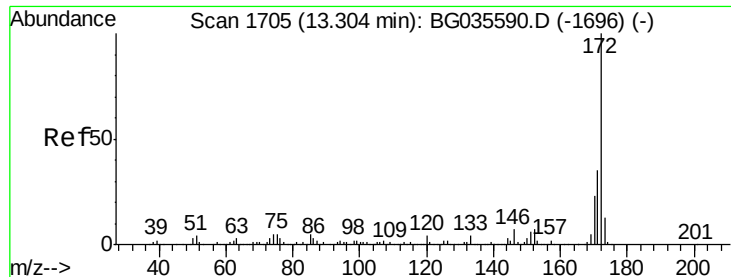


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

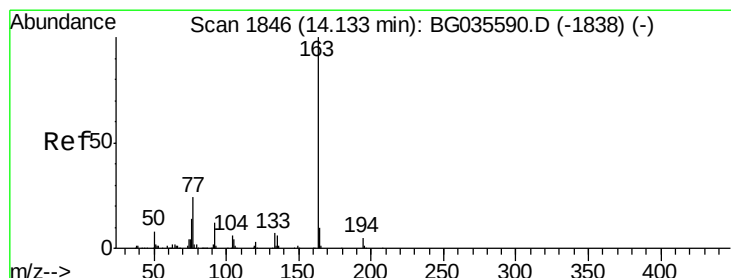
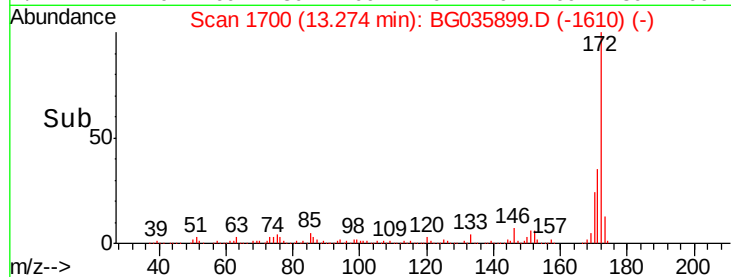
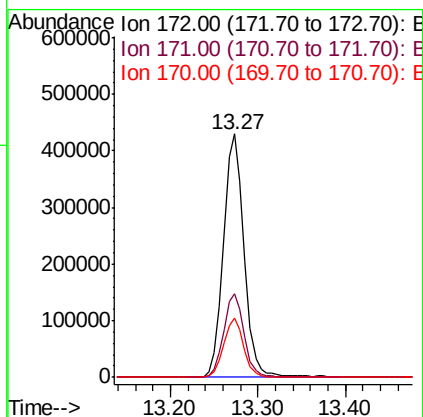
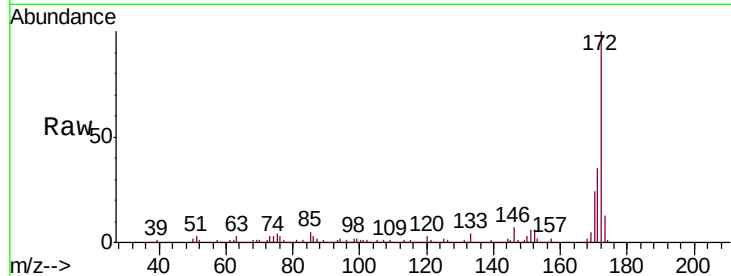




#44
 2-Fluorobiphenyl
 Concen: 86.009 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

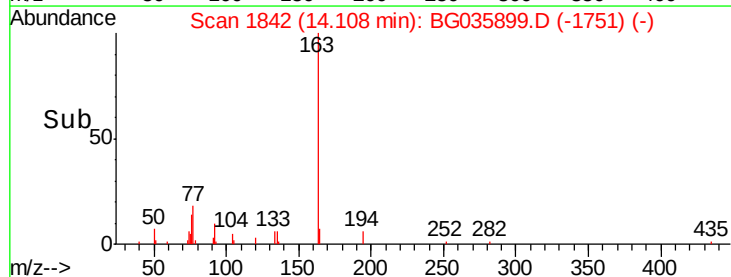
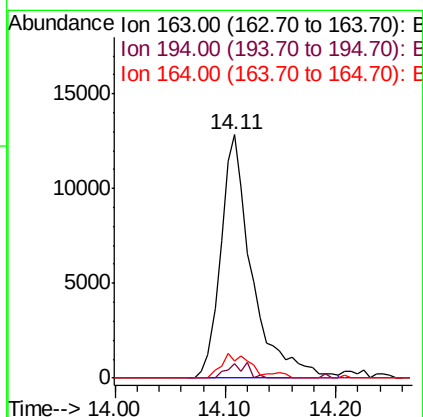
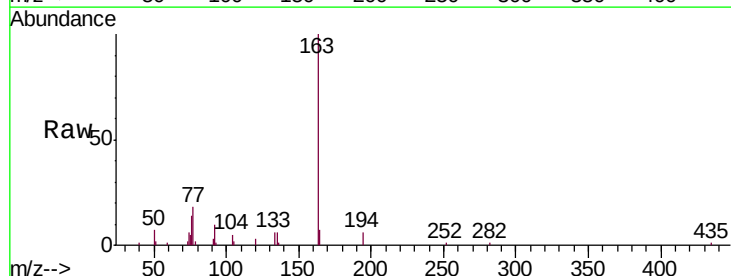
Instrument :
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 071918-DBRI-E-U-M

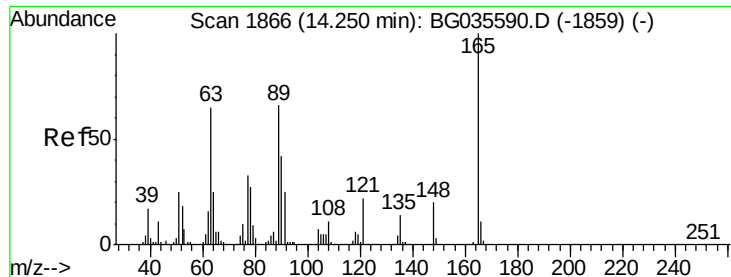
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	24.1	19.5	29.3



#49
 Dimethylphthalate
 Concen: 2.638 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.4	5.2#
164	6.8	8.2	12.4#

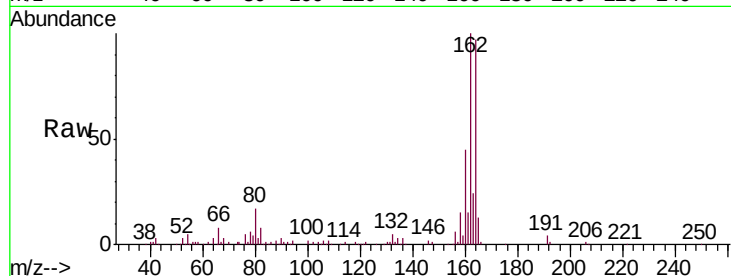




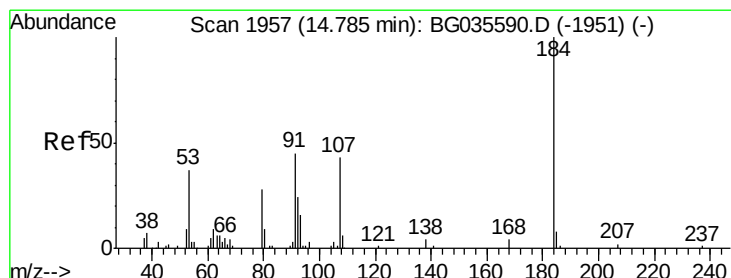
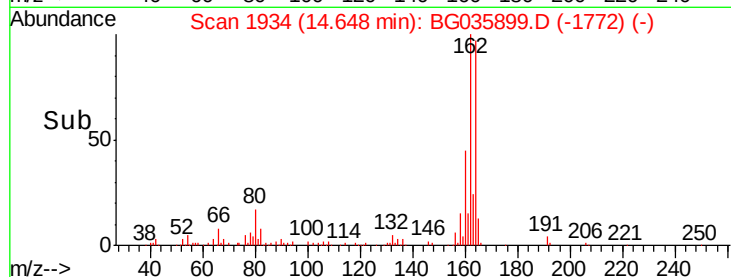
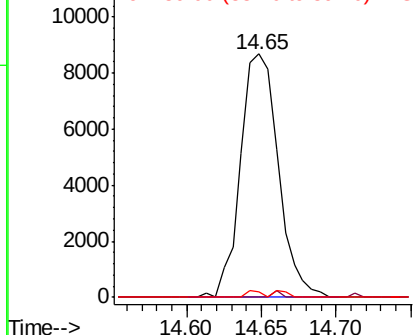
#50
2,6-Dinitrotoluene
Concen: 7.810 ng
RT: 14.65 min Scan# 1934
Delta R.T. 0.42 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-M

Tgt Ion:165 Resp: 15208
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 2.1 49.2 73.8#

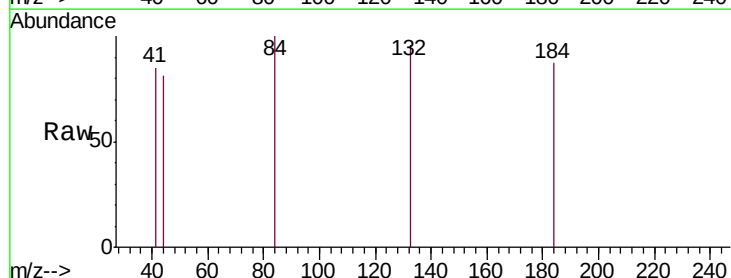


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

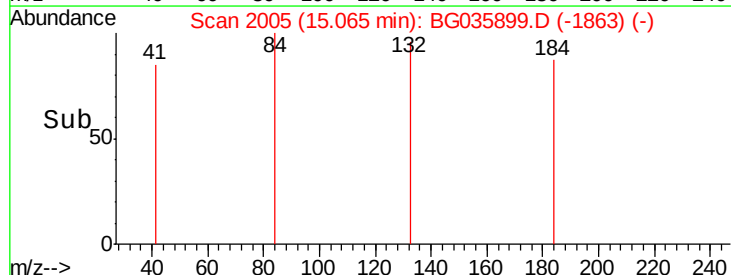
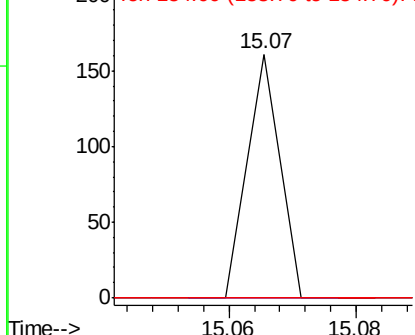


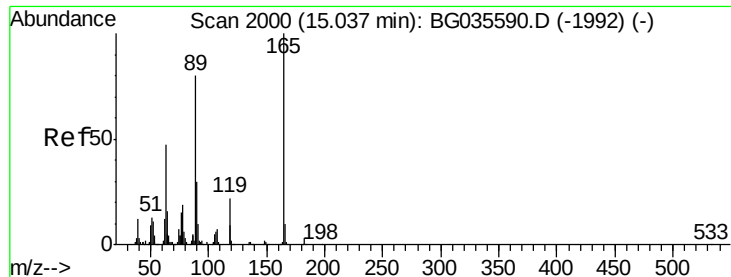
#53
2,4-Dinitrophenol
Concen: 6.634 ng
RT: 15.07 min Scan# 2005
Delta R.T. 0.30 min
Lab File: BG035899.D
Acq: 26 Jul 2018 8:09

Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

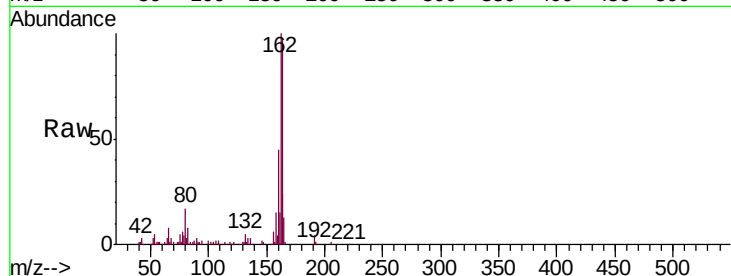




#56
 2,4-Dinitrotoluene
 Concen: 5.444 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.1	66.9	100.3#
182	0.0	2.6	3.8#

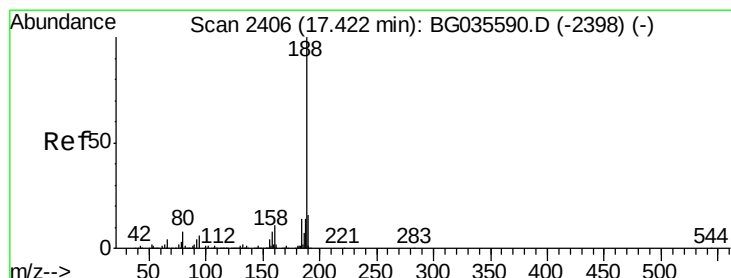
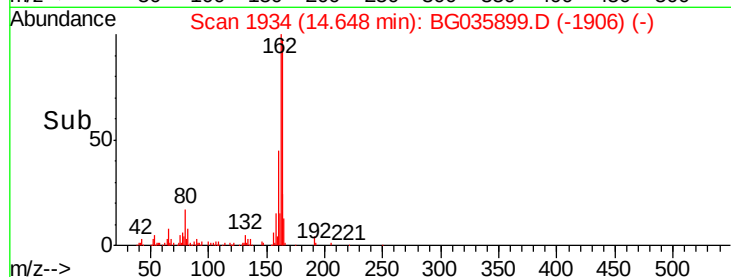
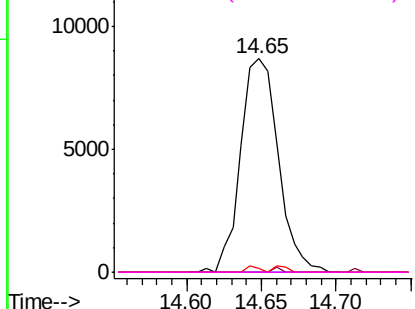


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

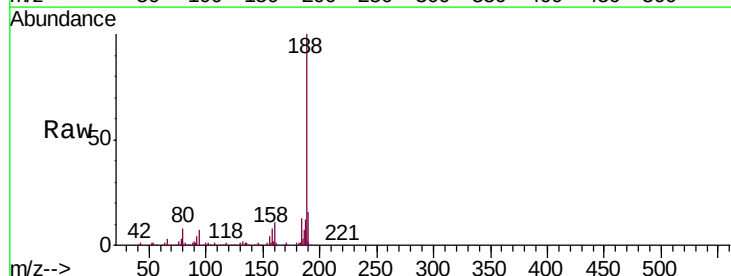
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

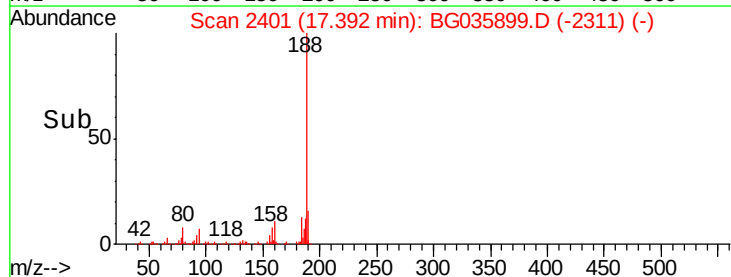
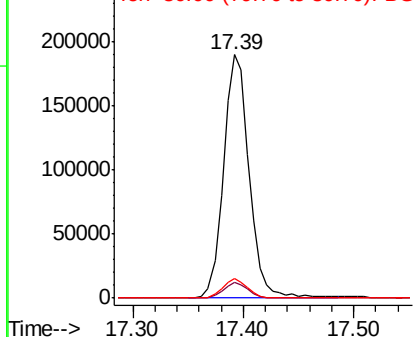
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	8.2	7.7	11.5

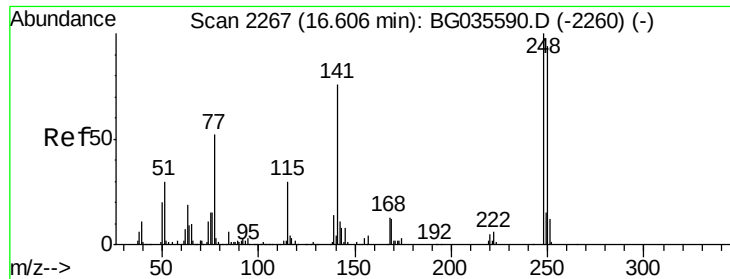


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

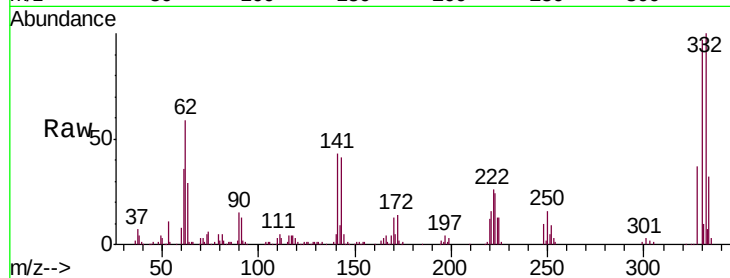




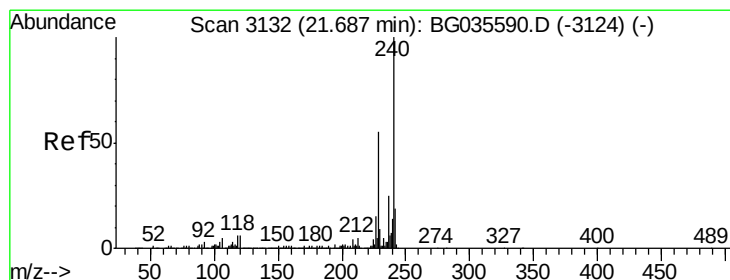
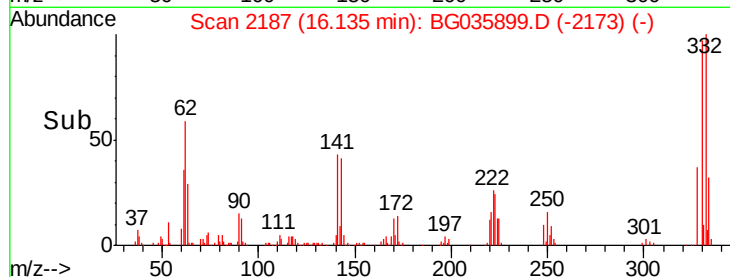
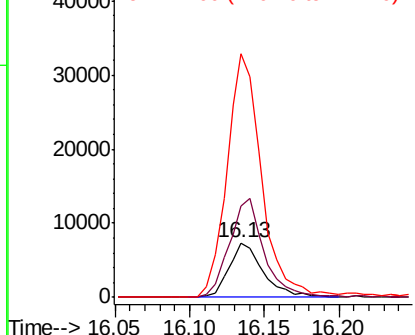
#66
 4-Bromophenyl-phenylether
 Concen: 3.303 ng
 RT: 16.13 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

Instrument :
 BNA_G
 ClientSampleId :
 071918-DBRI-E-U-M

Tgt Ion:248 Resp: 11765
 Ion Ratio Lower Upper
 248 100
 250 166.9 77.1 115.7#
 141 448.0 50.8 76.2#

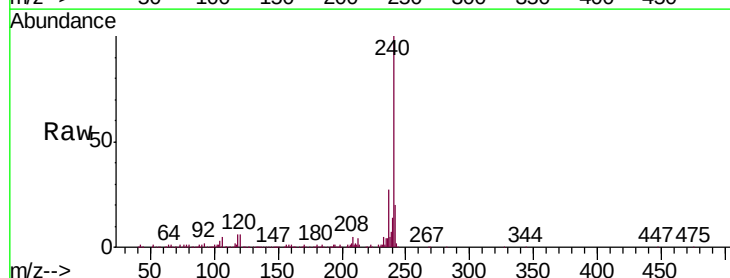


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

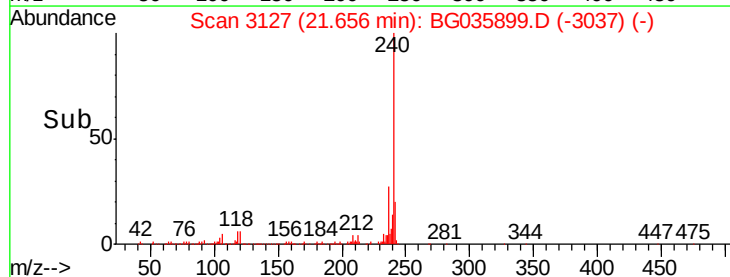
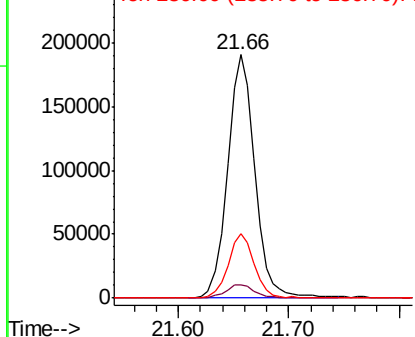


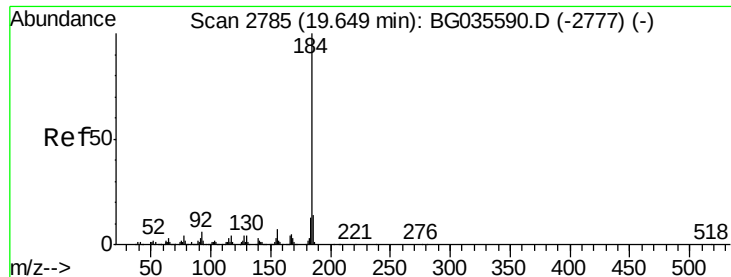
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035899.D
 Acq: 26 Jul 2018 8:09

Tgt Ion:240 Resp: 329196
 Ion Ratio Lower Upper
 240 100
 120 5.7 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





#76

Benzidine

Concen: 2.182 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.37 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

Instrument :

BNA_G

ClientSampleId :

071918-DBRI-E-U-M

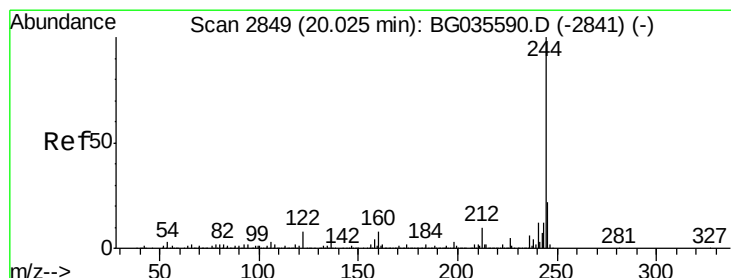
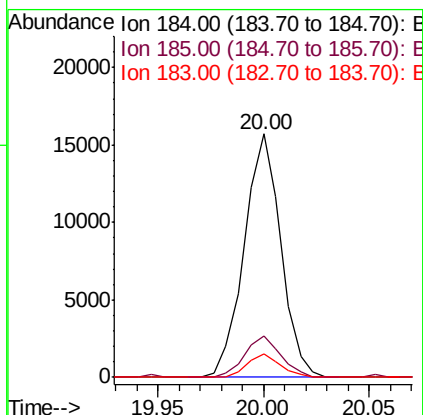
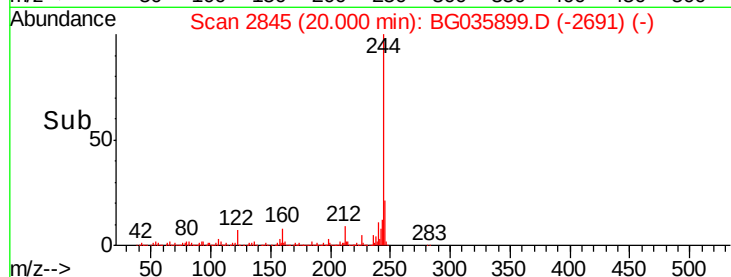
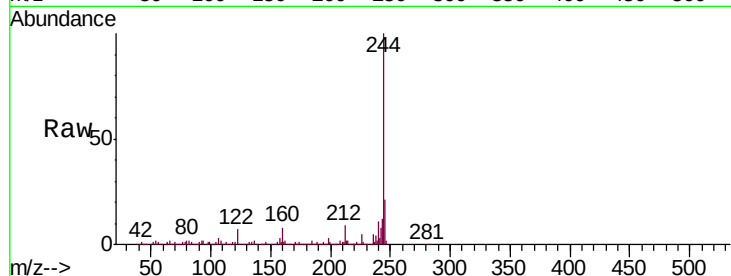
Tgt Ion:184 Resp: 18884

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

183 9.5 10.6 16.0#



#78

Terphenyl-d14

Concen: 73.237 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035899.D

Acq: 26 Jul 2018 8:09

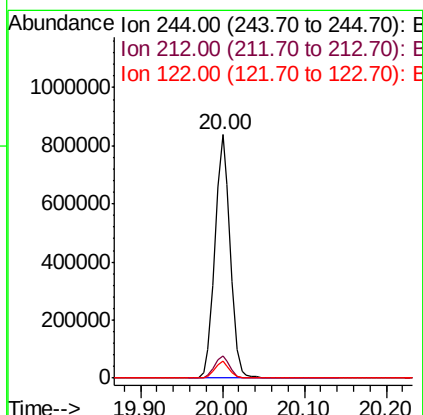
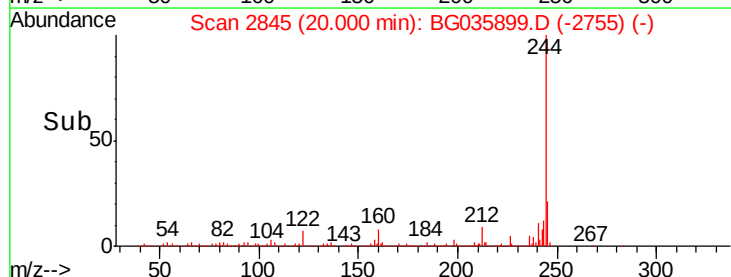
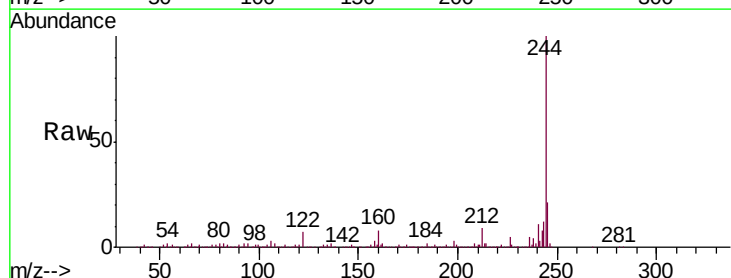
Tgt Ion:244 Resp: 1093742

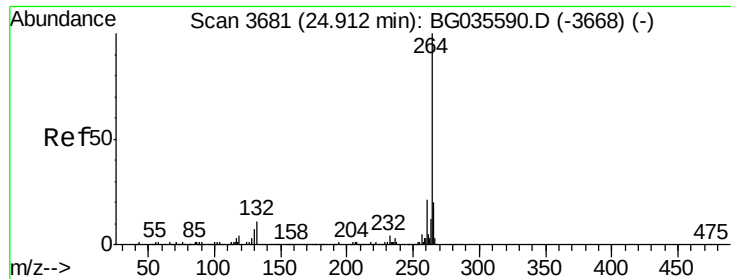
Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

122 7.1 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: BG035899.D
Acq: 26 Jul 2018 8:09

Instrument :
BNA_G
ClientSampleId :
071918-DBRI-E-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	17.4	26.0
265	20.9	17.7	26.5

