

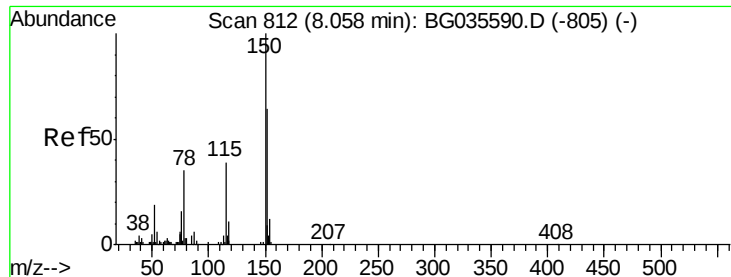
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035705.D
 Acq On : 18 Jul 2018 6:25
 Operator : JU/SJ
 Sample : J3990-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-M

Quant Time: Jul 18 07:02:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48524	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	171759	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	122857	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	339733	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	374281	20.00	ng	-0.02
86) Perylene-d12	24.88	264	361682	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149924	51.30	ng	0.00
7) Phenol-d6	7.21	99	145877	33.45	ng	-0.01
23) Nitrobenzene-d5	9.20	82	400092	97.31	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	170249	105.14	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	913738	99.64	ng	-0.02
78) Terphenyl-d14	20.01	244	1562033	91.99	ng	-0.01
Target Compounds						
10) Phenol	7.24	94	12740	2.892	ng	# 76
19) n-Nitroso-di-n-propylamine	9.20	70	55688	15.165	ng	# 65
49) Dimethylphthalate	14.11	163	87067	8.089	ng	# 98
53) 2,4-Dinitrophenol	14.27	184	56	6.628	ng	# 1
56) 2,4-Dinitrotoluene	14.66	165	15979	5.081	ng	# 16
66) 4-Bromophenyl-phenylether	16.15	248	13585	3.447	ng	# 1
76) Benizidine	20.01	184	28236	2.870	ng	# 90

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

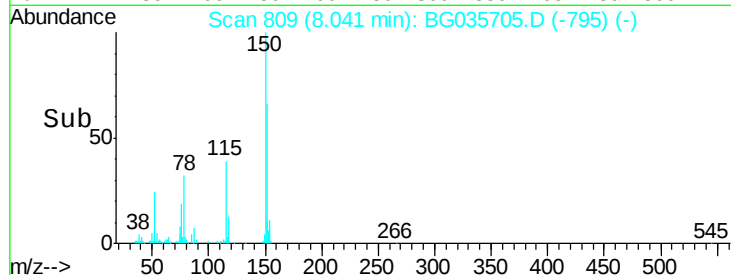
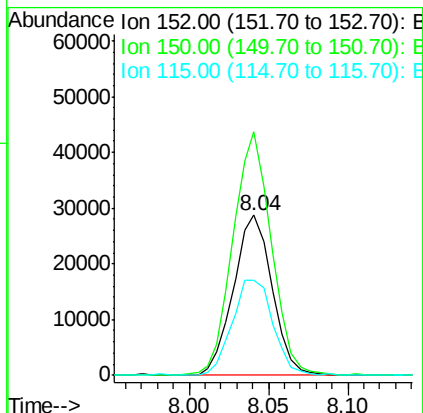
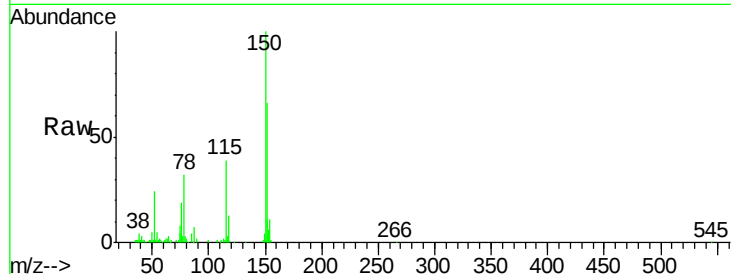


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-M

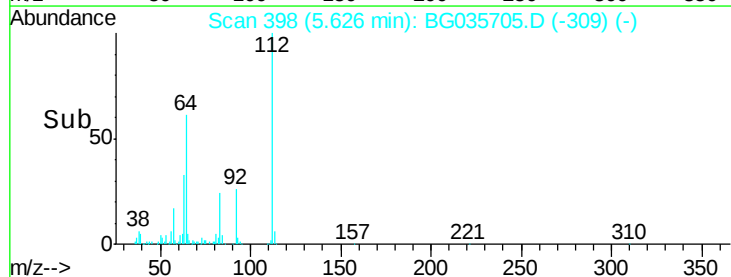
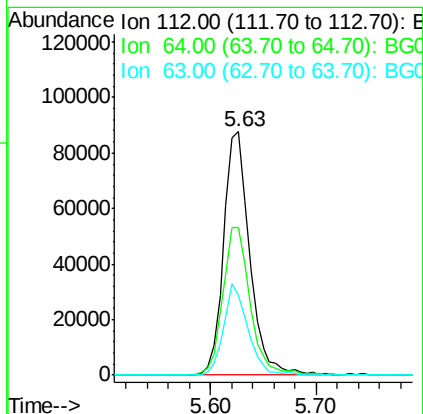
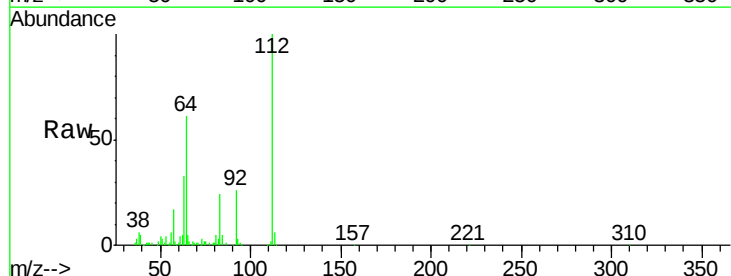
Tgt Ion:152 Resp: 48524
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 59.4 53.0 79.4

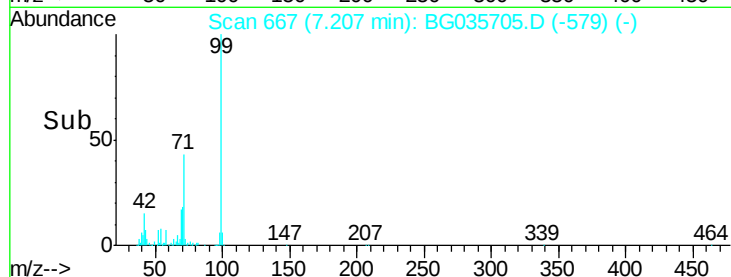
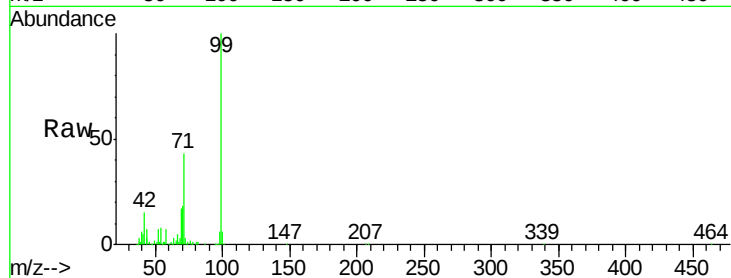
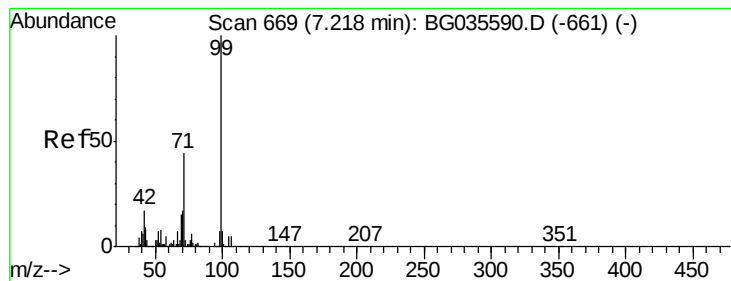


#5

2-Fluorophenol
Concen: 51.296 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

Tgt Ion:112 Resp: 149924
Ion Ratio Lower Upper
112 100
64 60.6 56.3 84.5
63 32.5 30.1 45.1





#7

Phenol-d6

Concen: 33.453 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-M

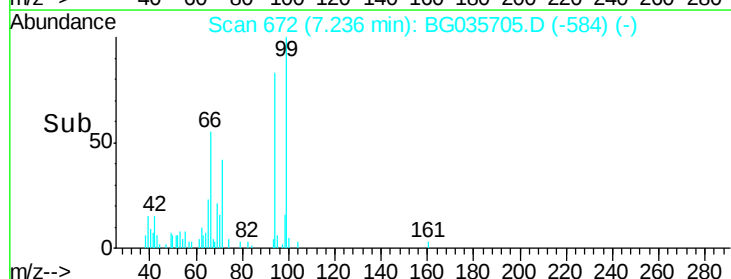
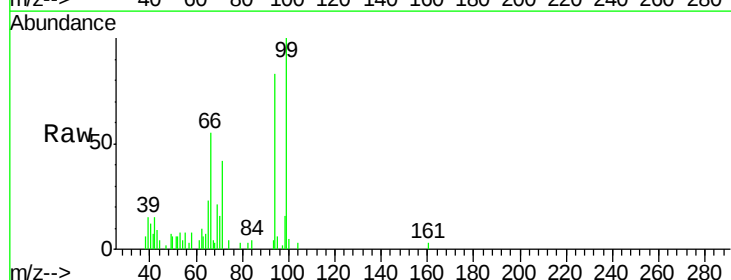
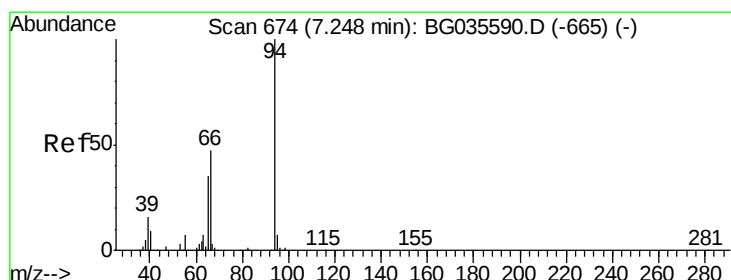
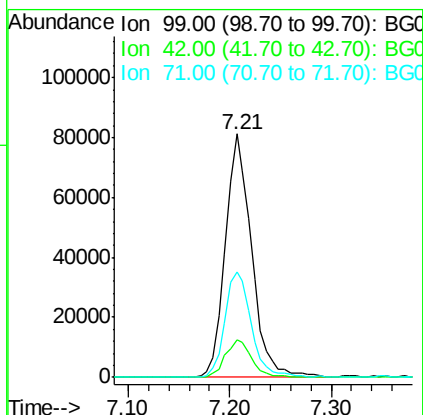
Tgt Ion: 99 Resp: 145877

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 43.2 26.1 39.1#



#10

Phenol

Concen: 2.892 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

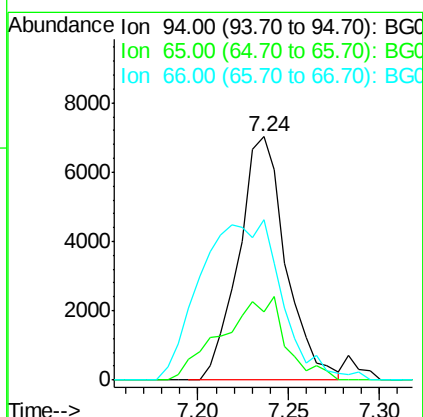
Tgt Ion: 94 Resp: 12740

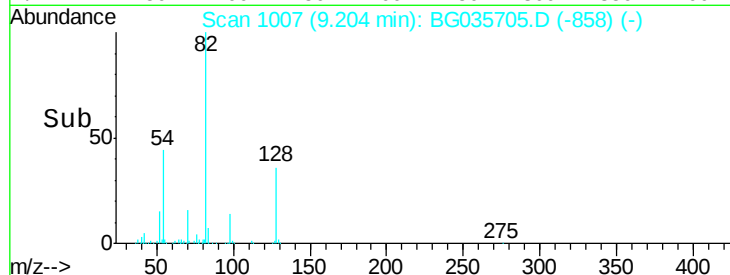
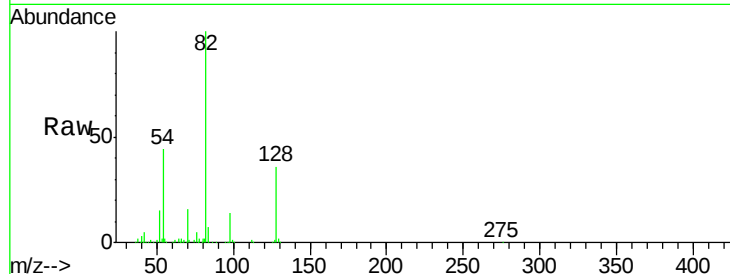
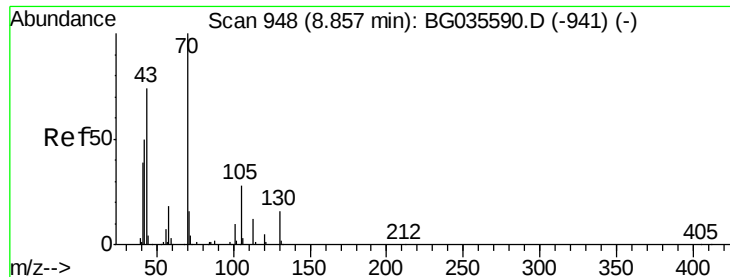
Ion Ratio Lower Upper

94 100

65 28.0 11.9 51.9

66 66.1 22.2 62.2#

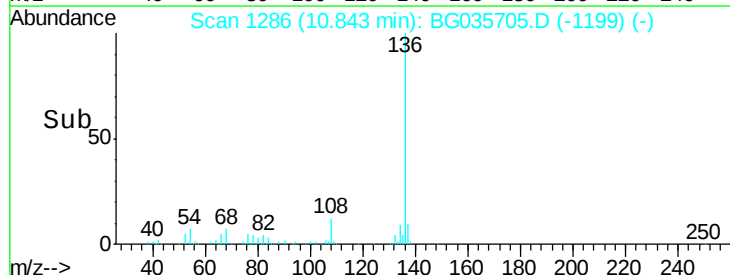
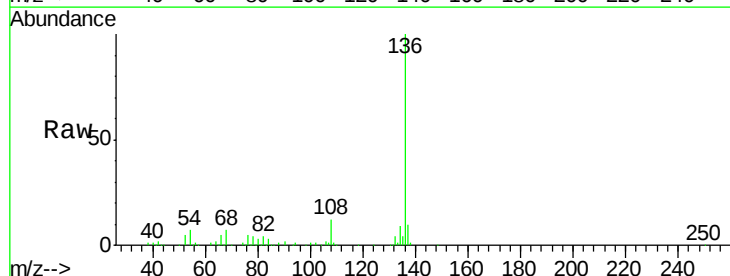
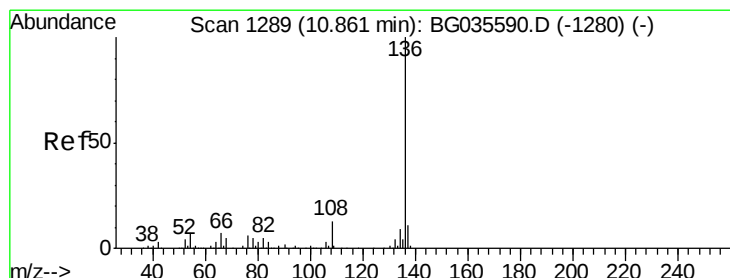
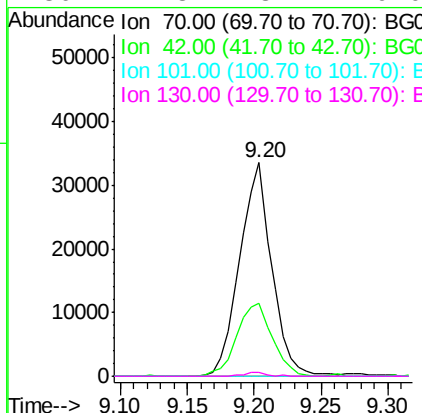




#19
n-Nitroso-di-n-propylamine
Concen: 15.165 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

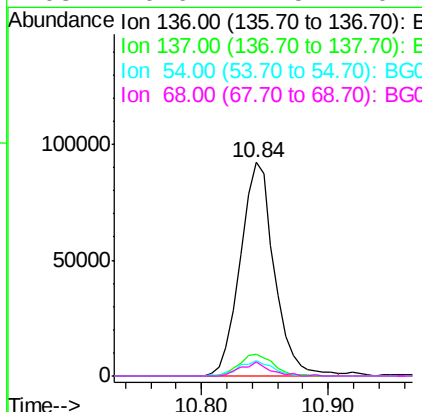
Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-M

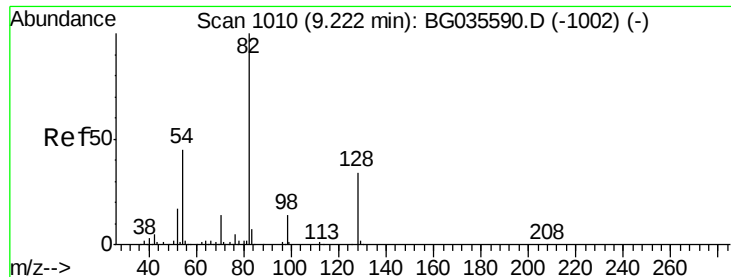
Tgt Ion: 70 Resp: 55688
Ion Ratio Lower Upper
70 100
42 33.9 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

Tgt Ion: 136 Resp: 171759
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 6.9 10.3 15.5#
68 6.6 4.5 6.7

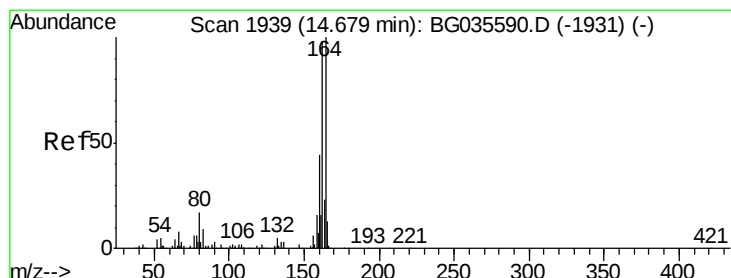
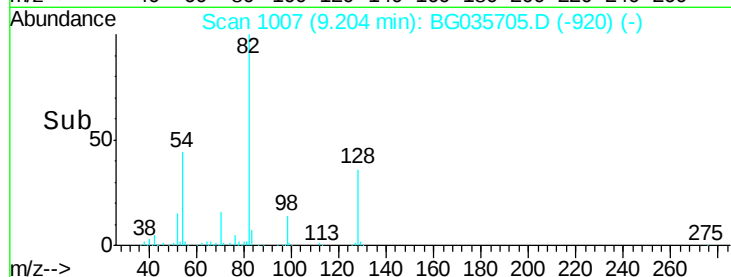
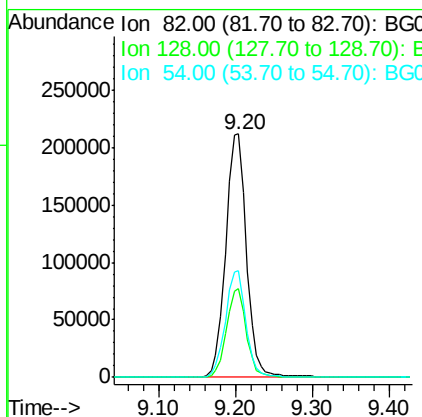
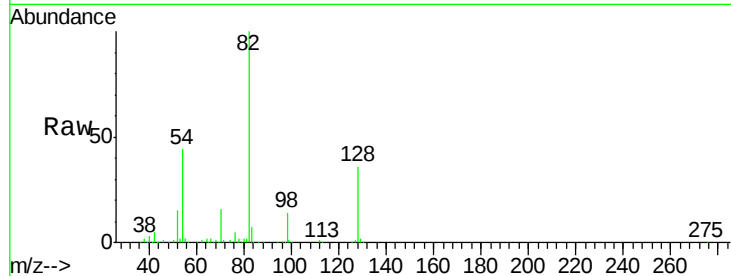




#23
 Nitrobenzene-d5
 Concen: 97.309 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

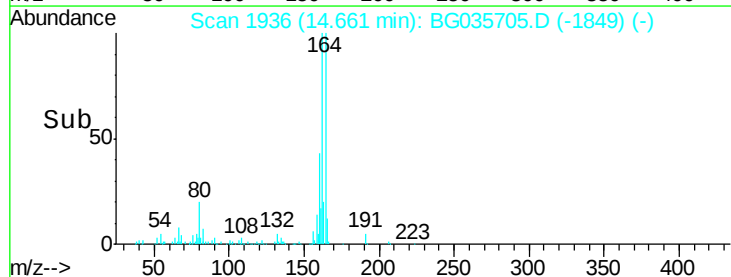
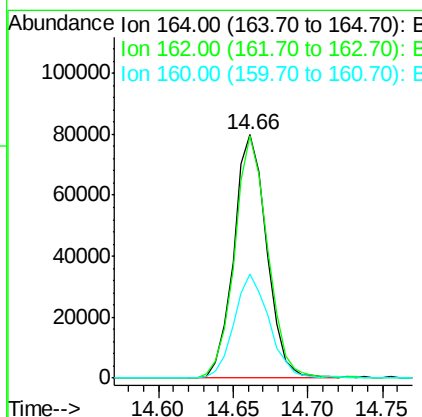
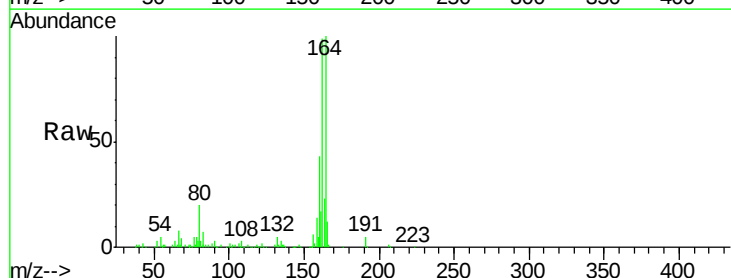
Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-M

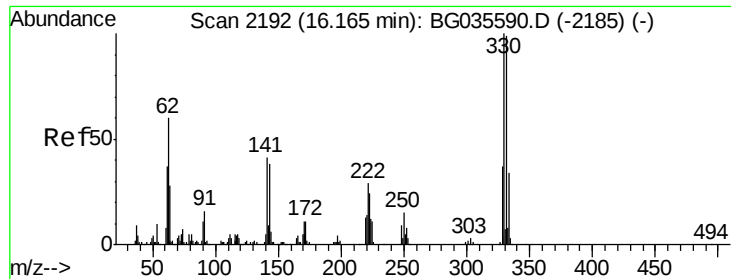
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	78.8	118.2
160	42.7	35.4	53.0

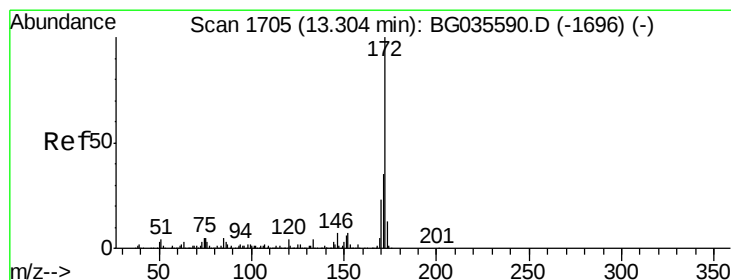
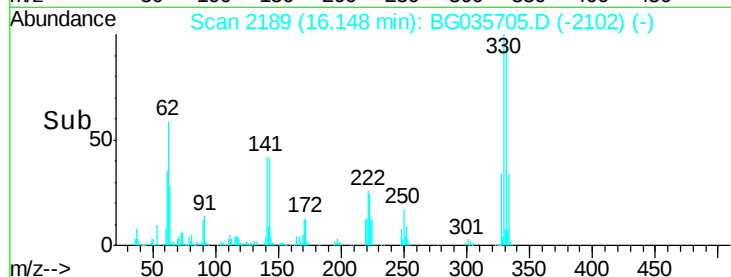
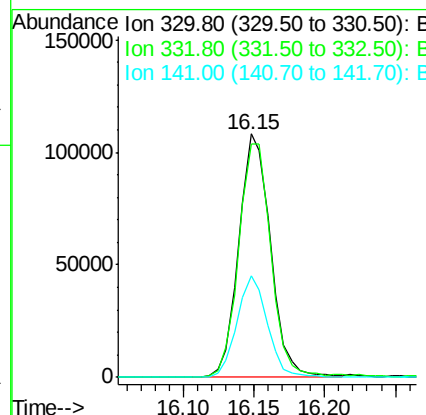
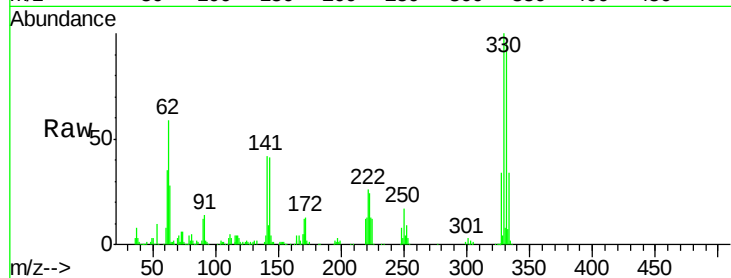




#41
 2,4,6-Tribromophenol
 Concen: 105.135 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

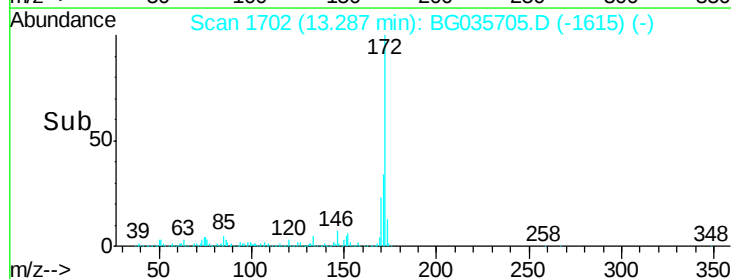
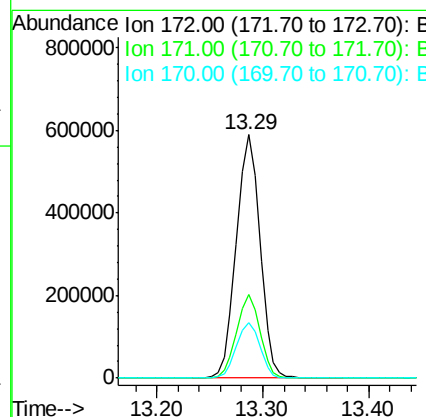
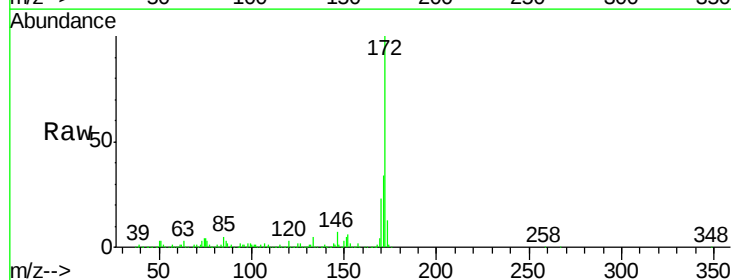
Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-M

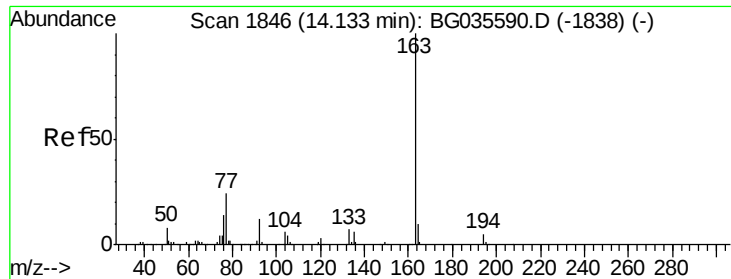
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	39.9	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.642 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.0	45.0
170	22.8	19.5	29.3





#49

Dimethylphthalate

Concen: 8.089 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

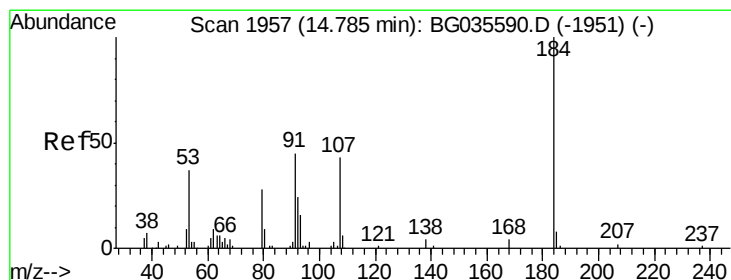
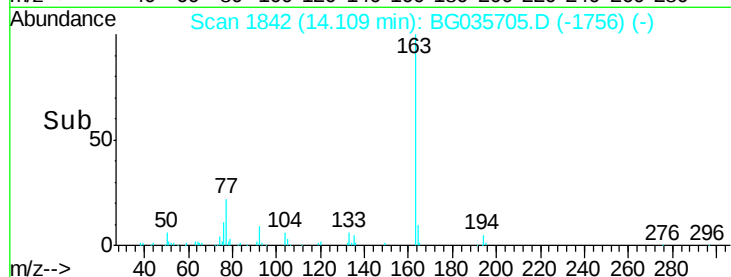
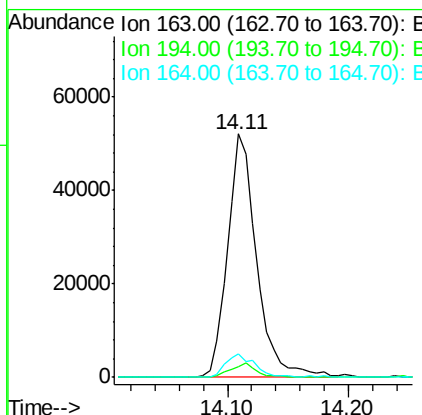
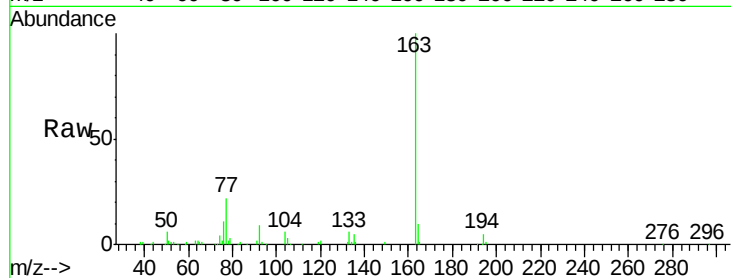
Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-M

Tgt Ion:	163	Resp:	87067
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.7	8.2	12.4



#53

2,4-Dinitrophenol

Concen: 6.628 ng

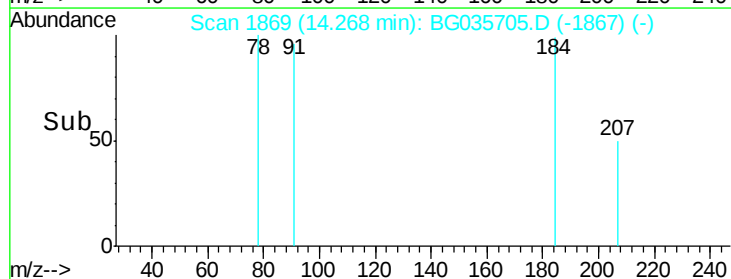
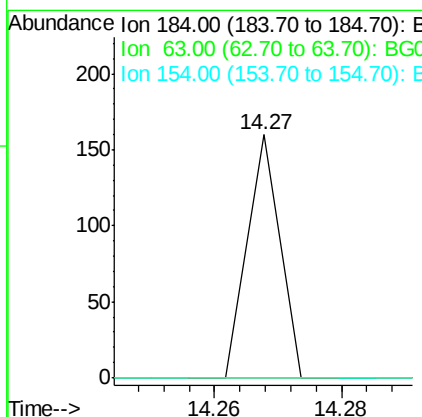
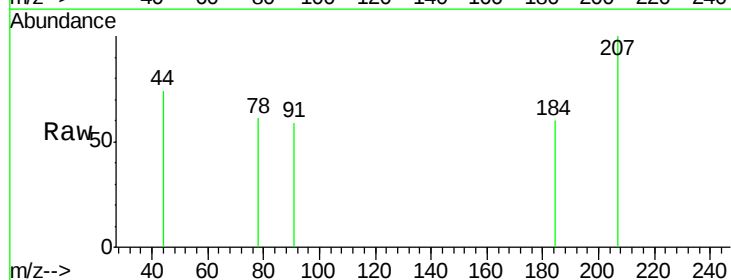
RT: 14.27 min Scan# 1869

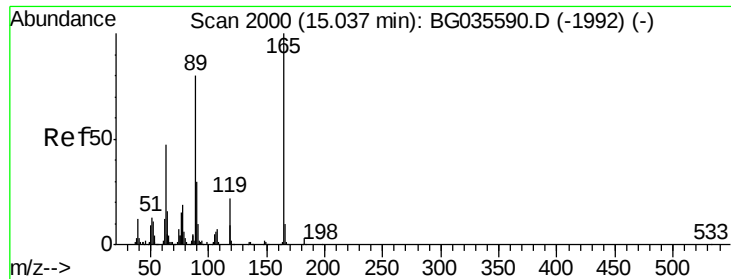
Delta R.T. -0.52 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Tgt Ion:	184	Resp:	56
Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

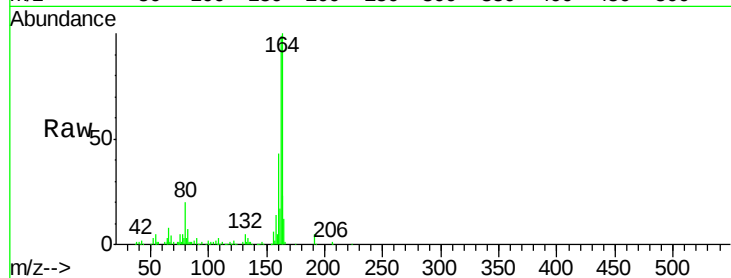




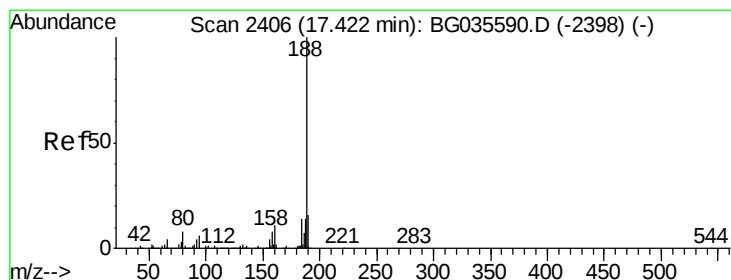
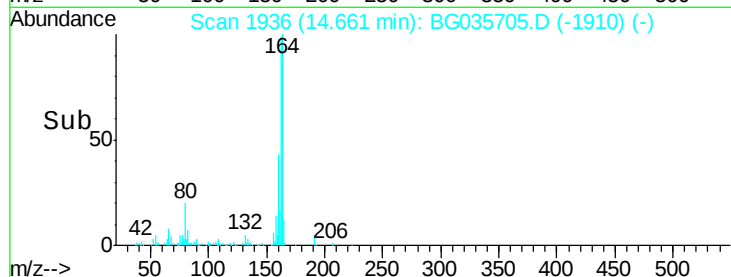
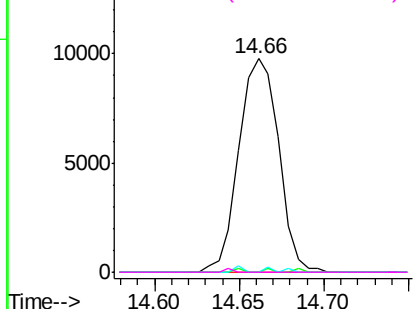
#56
 2,4-Dinitrotoluene
 Concen: 5.081 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.38 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-M

Tgt Ion:165 Resp: 15979
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

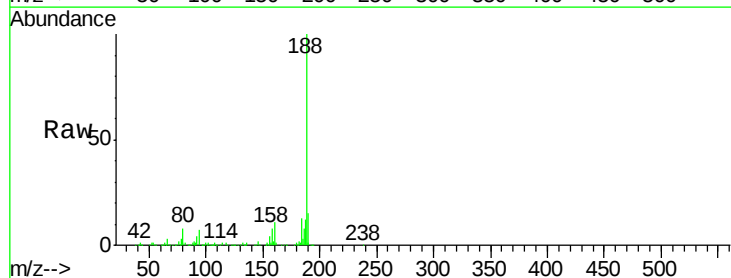


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

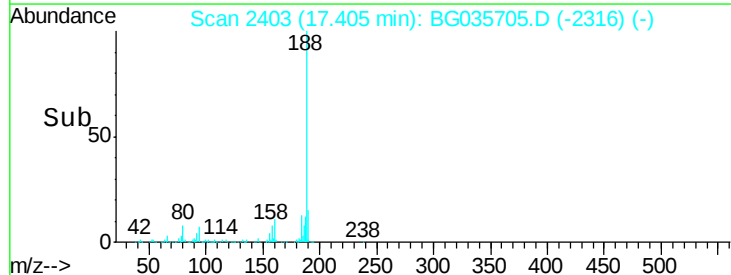
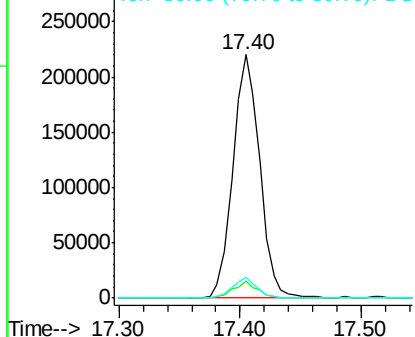


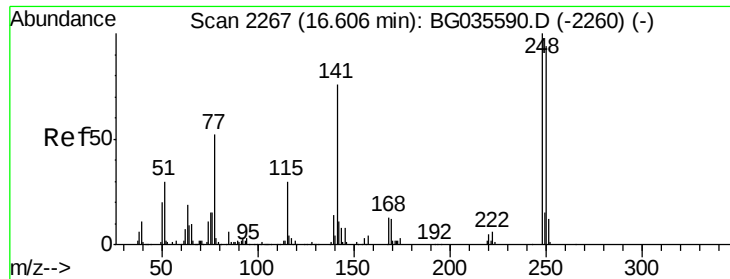
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

Tgt Ion:188 Resp: 339733
 Ion Ratio Lower Upper
 188 100
 94 6.8 6.9 10.3#
 80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 300000
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

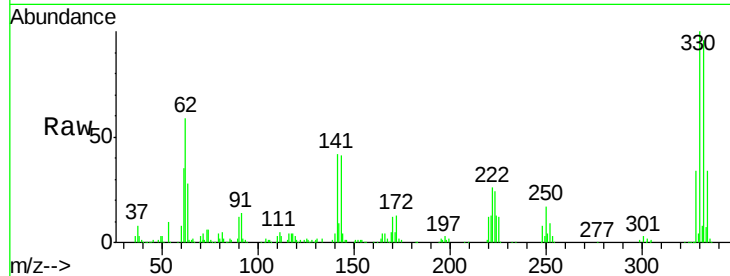




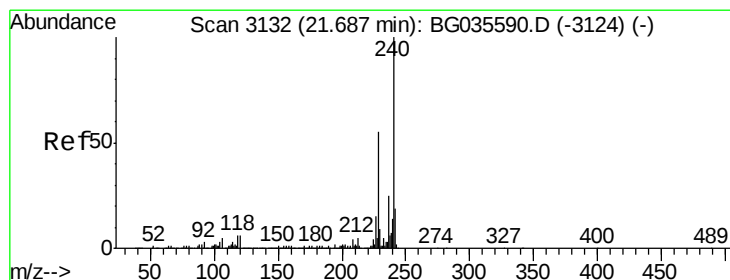
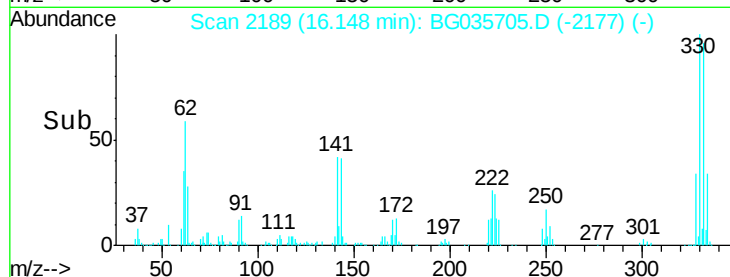
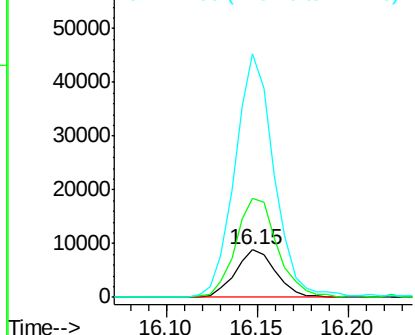
#66
4-Bromophenyl-phenylether
Concen: 3.447 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

Instrument :
BNA_G
ClientSampleId :
071218-DBRI-F-U-M

Tgt Ion:248 Resp: 13585
Ion Ratio Lower Upper
248 100
250 210.3 77.1 115.7#
141 514.5 50.8 76.2#

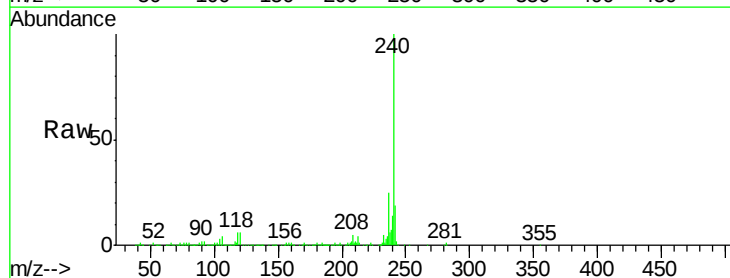


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

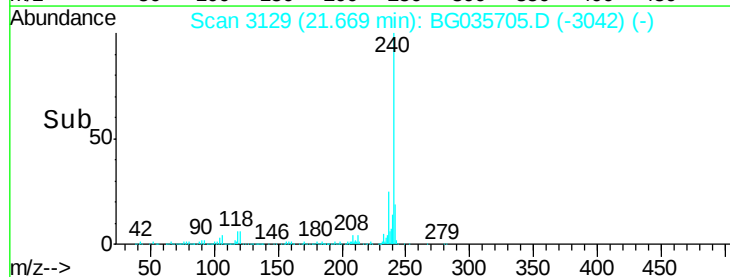
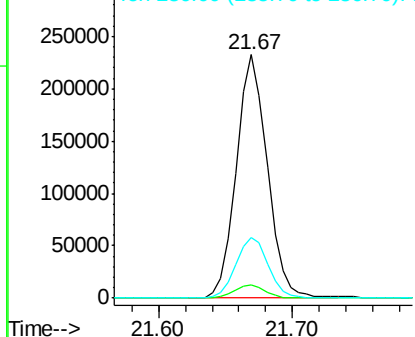


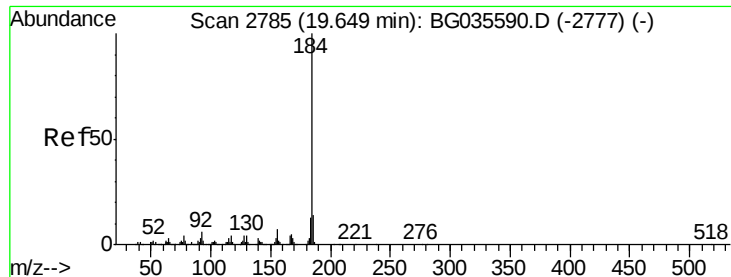
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035705.D
Acq: 18 Jul 2018 6:25

Tgt Ion:240 Resp: 374281
Ion Ratio Lower Upper
240 100
120 5.6 6.8 10.2#
236 24.6 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: 2.870 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

Instrument :

BNA_G

ClientSampleId :

071218-DBRI-F-U-M

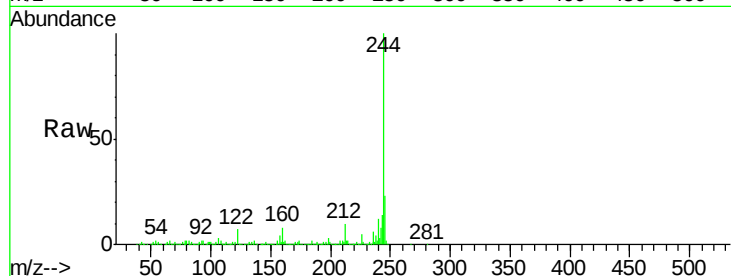
Tgt Ion:184 Resp: 28236

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

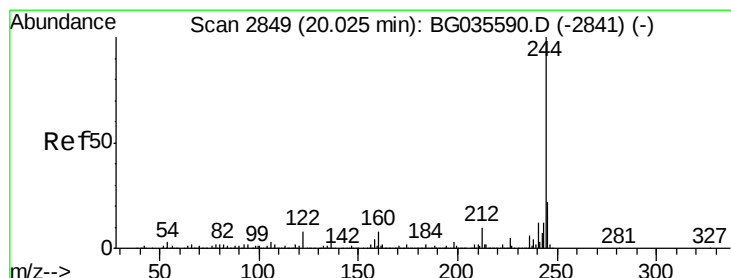
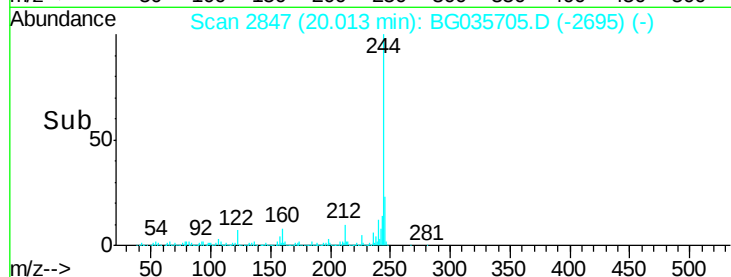
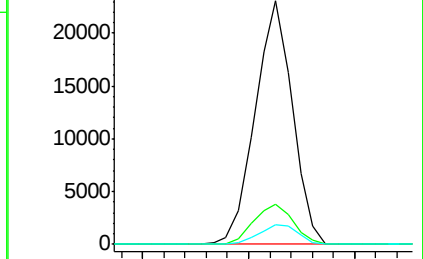
183 7.8 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 91.995 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035705.D

Acq: 18 Jul 2018 6:25

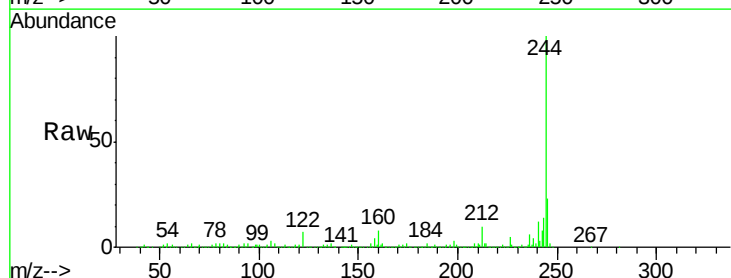
Tgt Ion:244 Resp: 1562033

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

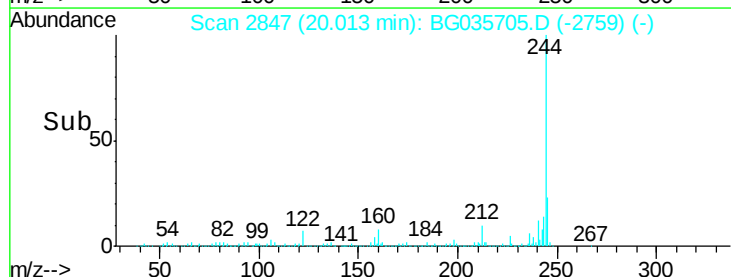
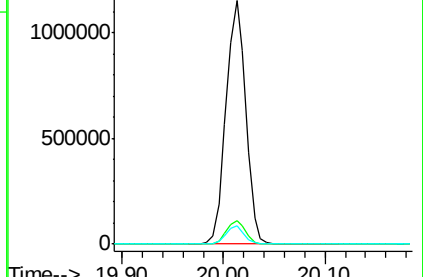
122 7.3 7.0 10.4

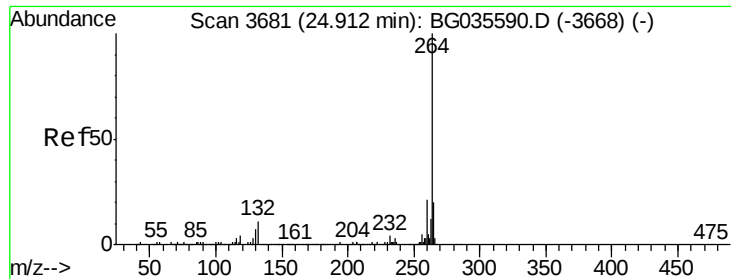


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3676
 Delta R.T. -0.03 min
 Lab File: BG035705.D
 Acq: 18 Jul 2018 6:25

Instrument :
 BNA_G
 ClientSampleId :
 071218-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.5	17.7	26.5

