

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040237.D
 Acq On : 29 Mar 2019 22:36
 Operator : JU/SJ
 Sample : K2138-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6A(12-20)COMP

Quant Time: Mar 30 04:11:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

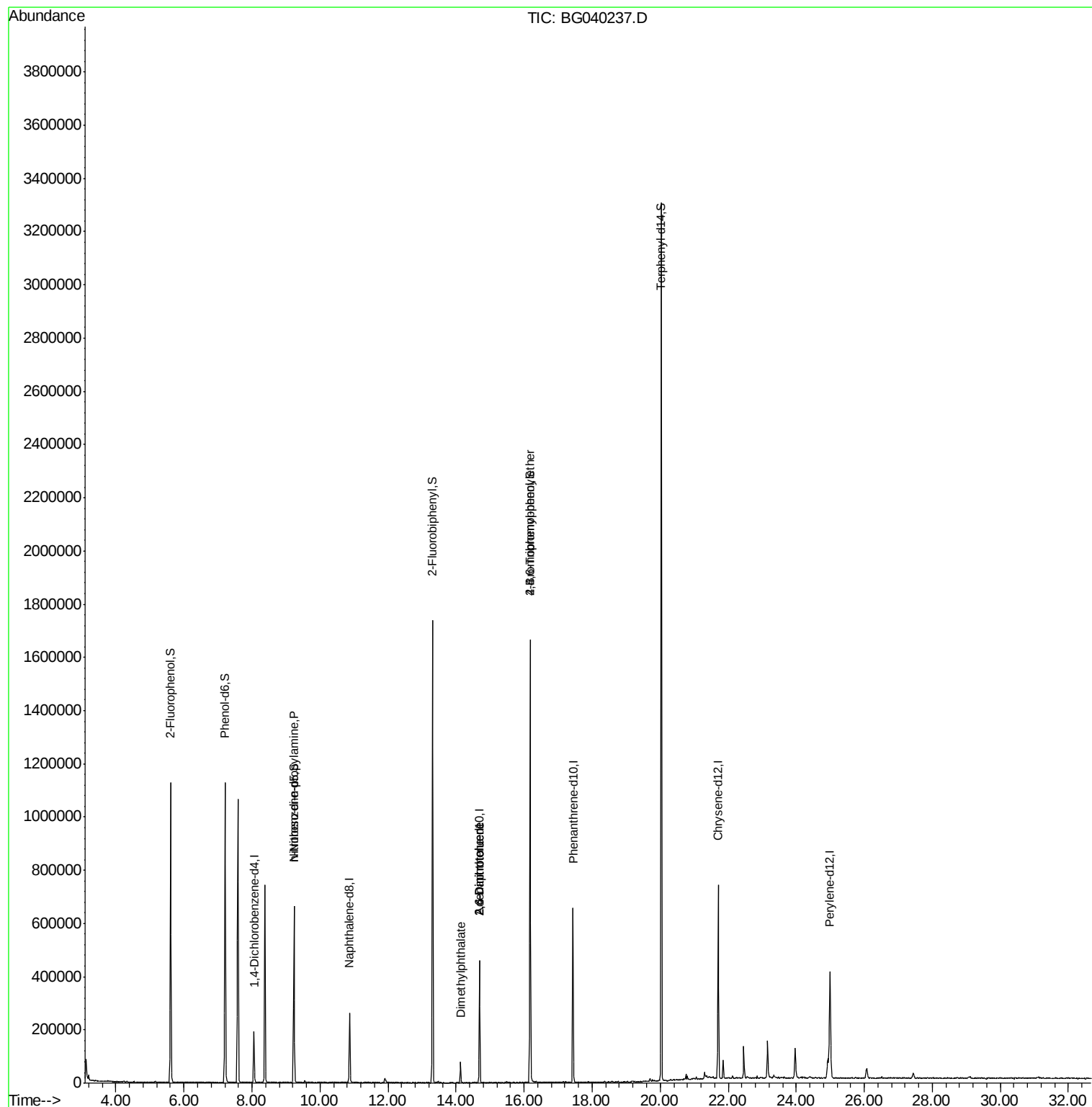
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55558	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	230506	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	158310	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	415216	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	427569	20.00	ng	-0.02
87) Perylene-d12	24.99	264	420692	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	475973	142.42	ng	-0.01
7) Phenol-d6	7.21	99	684939	148.30	ng	-0.01
23) Nitrobenzene-d5	9.23	82	397557	91.67	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	294308	172.02	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	935090	87.52	ng	-0.01
79) Terphenyl-d14	20.03	244	1528199	80.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50508	15.252	ng	# 74
50) Dimethylphthalate	14.13	163	54895	4.431	ng	# 99
51) 2,6-Dinitrotoluene	14.69	165	20758	7.462	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	20758	5.370	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	21789	4.663	ng	# 1

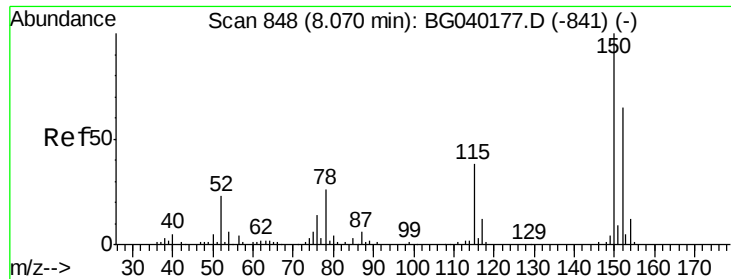
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

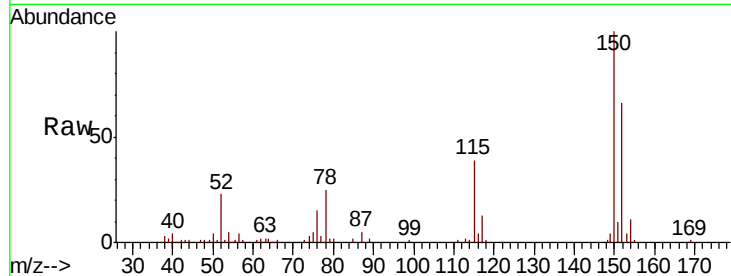
Tgt Ion:152 Resp: 55558

Ion Ratio Lower Upper

152 100

150 152.5 123.7 185.5

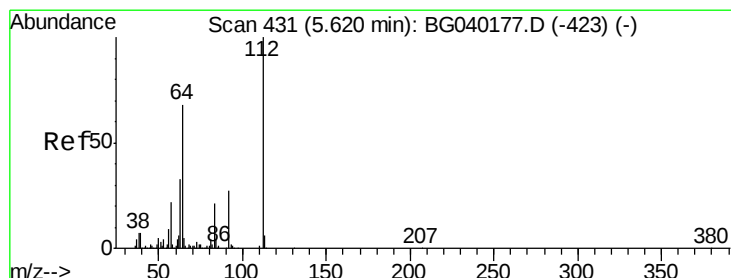
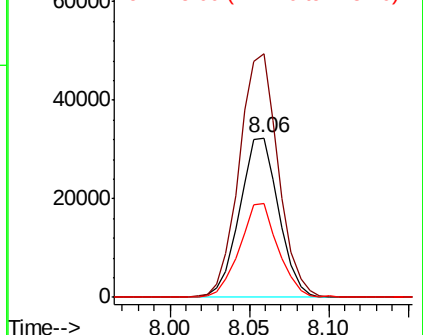
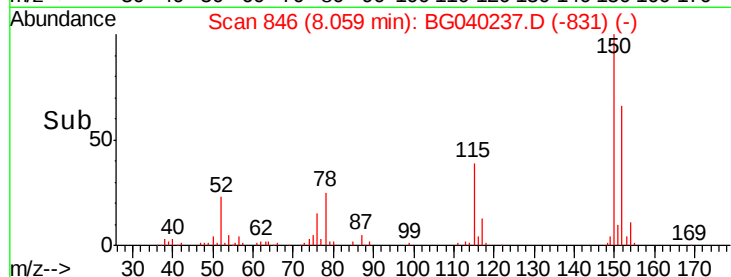
115 58.9 46.9 70.3



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: 142.421 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

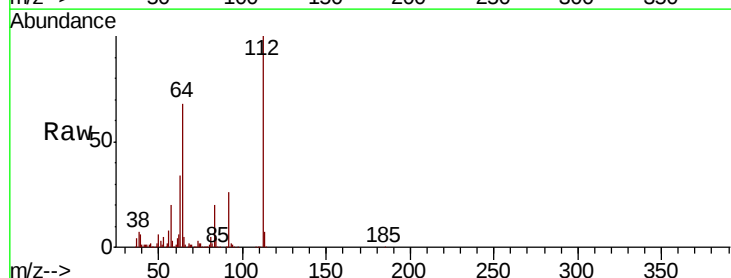
Tgt Ion:112 Resp: 475973

Ion Ratio Lower Upper

112 100

64 67.7 54.2 81.2

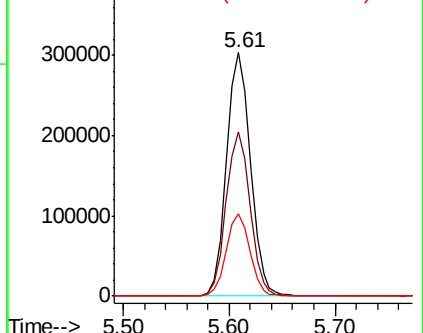
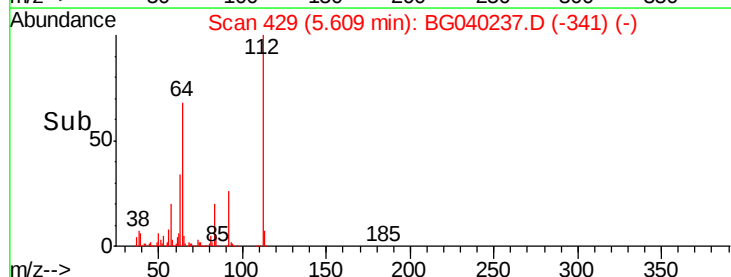
63 33.9 26.4 39.6

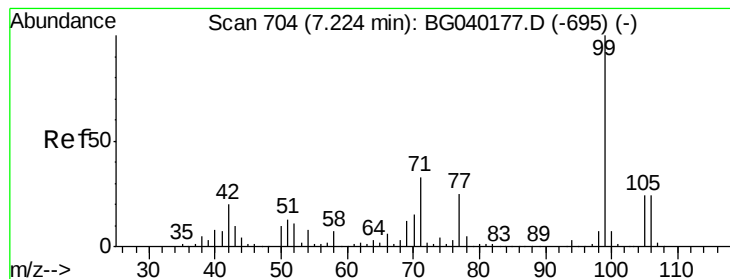


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 148.296 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

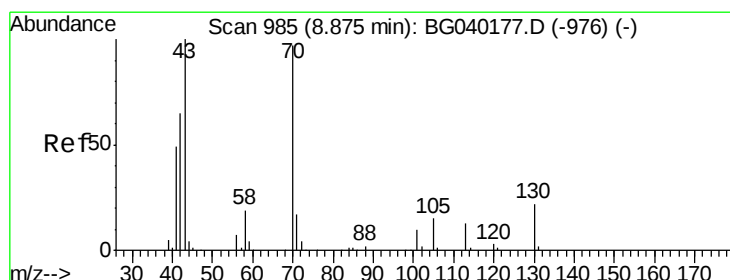
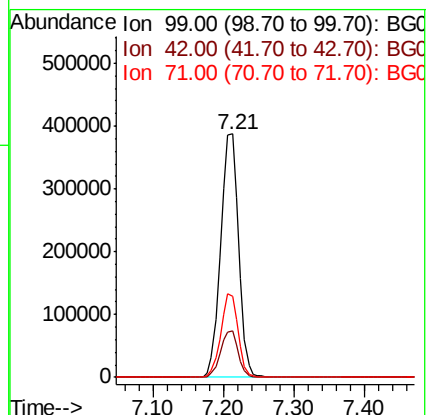
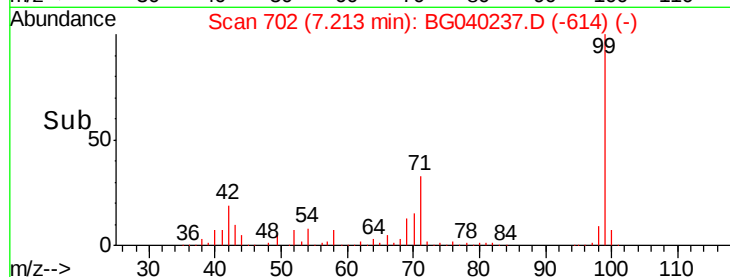
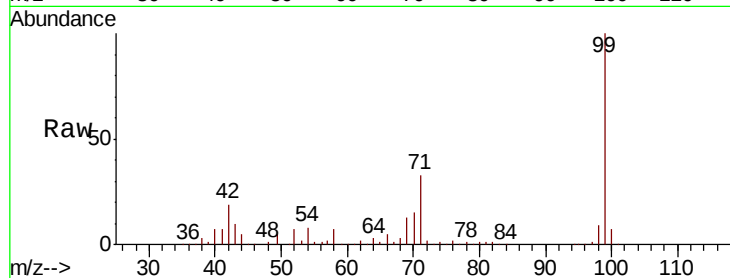
Tgt Ion: 99 Resp: 684939

Ion Ratio Lower Upper

99 100

42 19.1 16.2 24.2

71 33.4 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.252 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Tgt Ion: 70 Resp: 50508

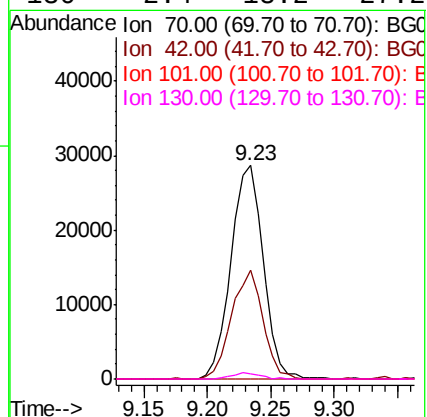
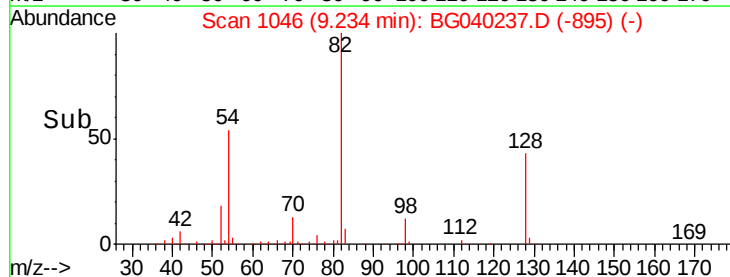
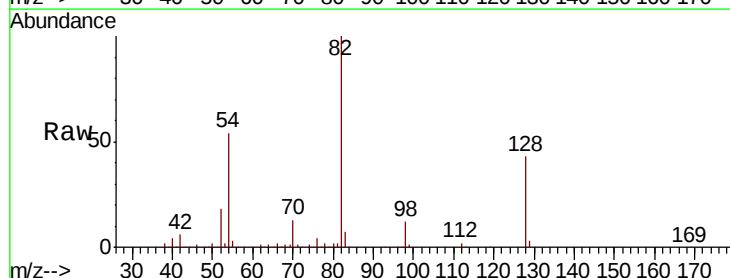
Ion Ratio Lower Upper

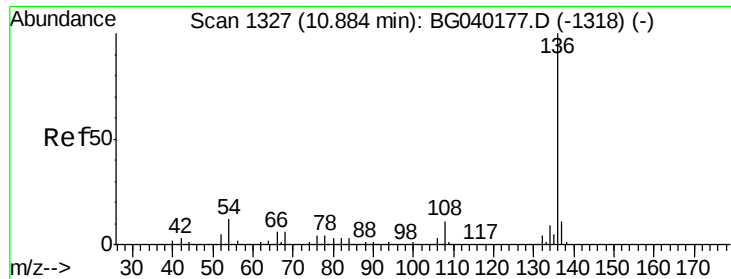
70 100

42 50.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 18.2 27.2#

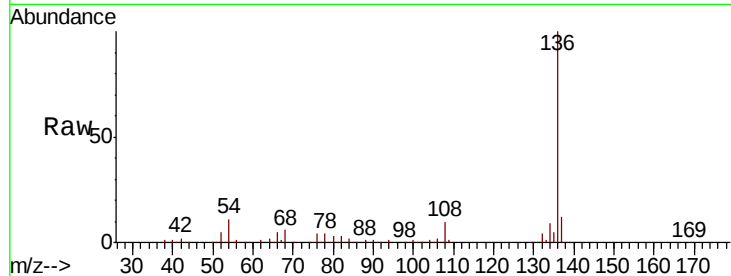




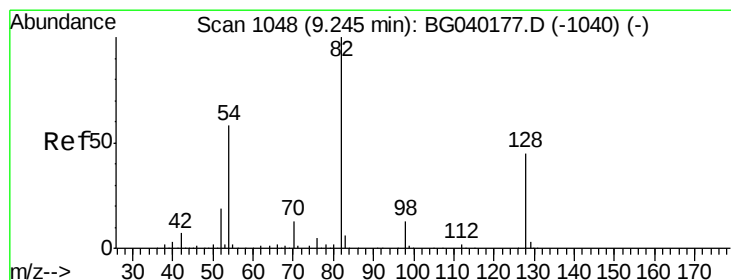
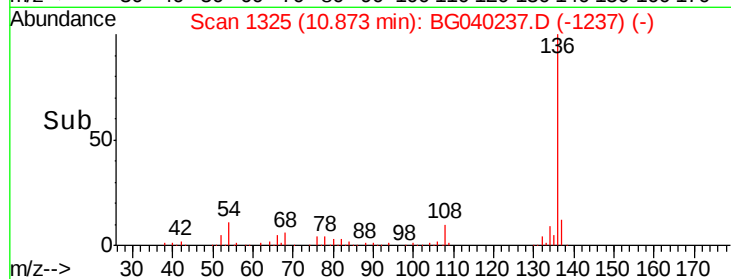
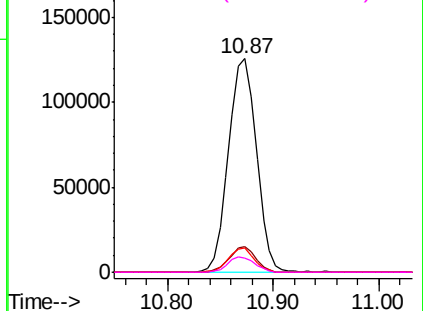
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

Instrument :
BNA_G
ClientSampleId :
S6A(12-20)COMP

Tgt Ion:	136	Resp:	230506
Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.9	13.3
54	11.3	9.6	14.4
68	6.3	5.1	7.7

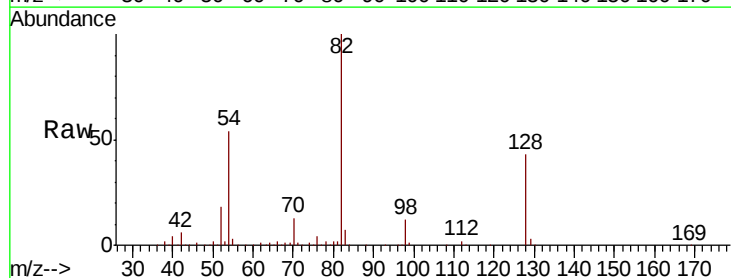


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

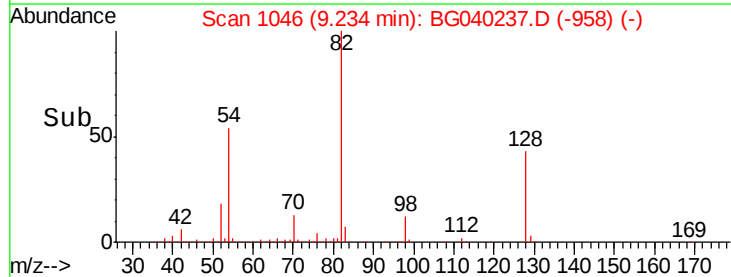
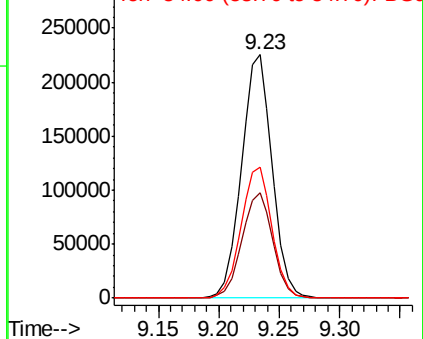


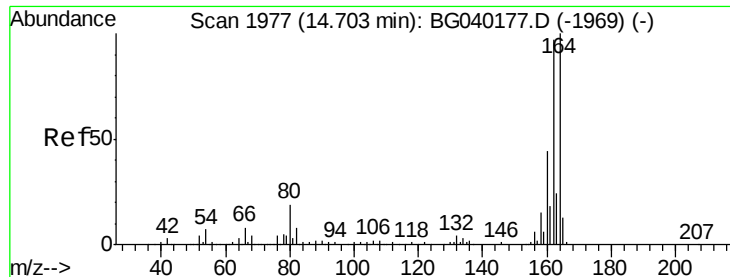
#23
Nitrobenzene-d5
Concen: 91.674 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

Tgt Ion:	82	Resp:	397557
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	54.0	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

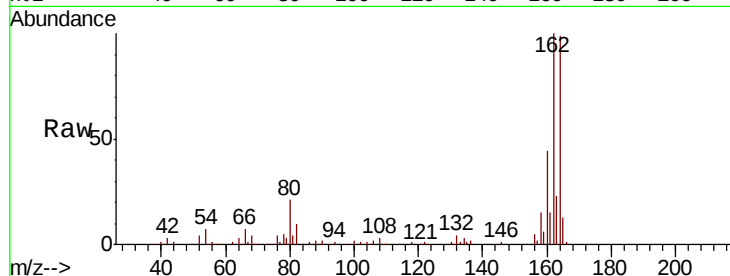
Tgt Ion:164 Resp: 158310

Ion Ratio Lower Upper

164 100

162 101.3 77.4 116.2

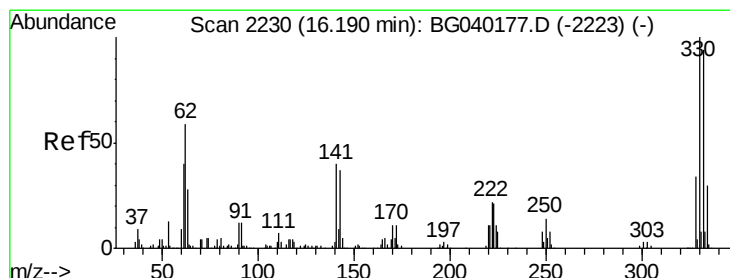
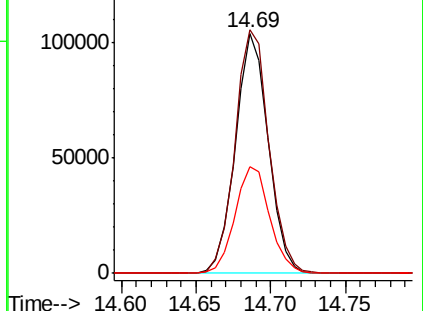
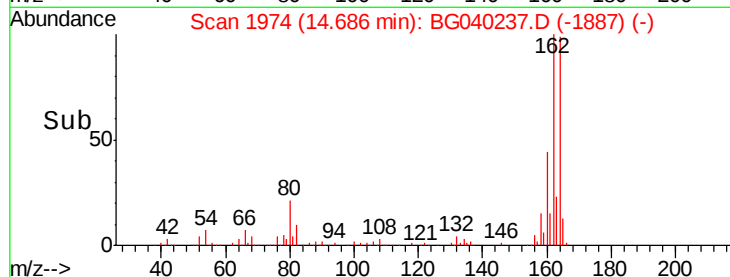
160 44.5 35.3 52.9



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



#42

2,4,6-Tribromophenol

Concen: 172.018 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

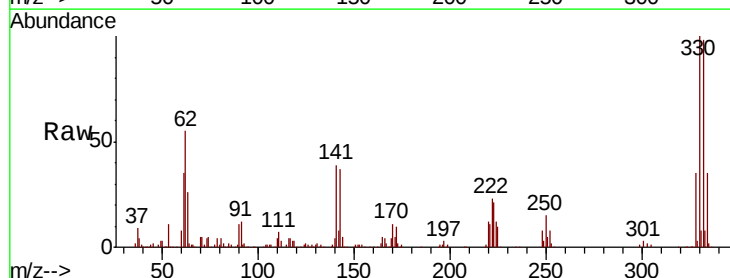
Tgt Ion:330 Resp: 294308

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

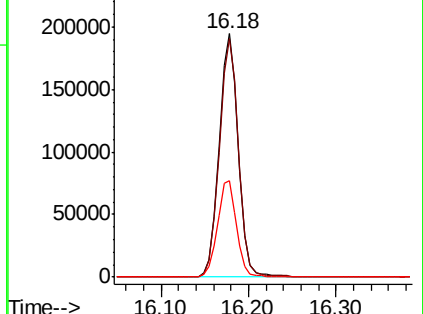
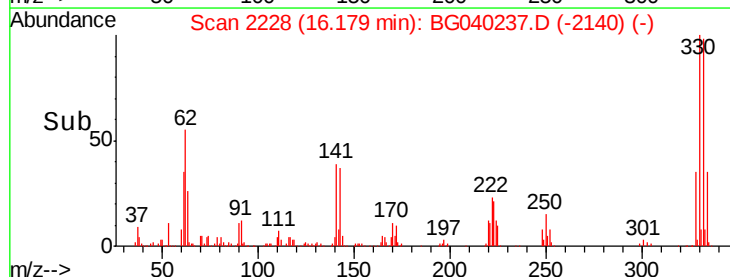
141 39.2 32.6 48.8



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





#45

2-Fluorobiphenyl

Concen: 87.523 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

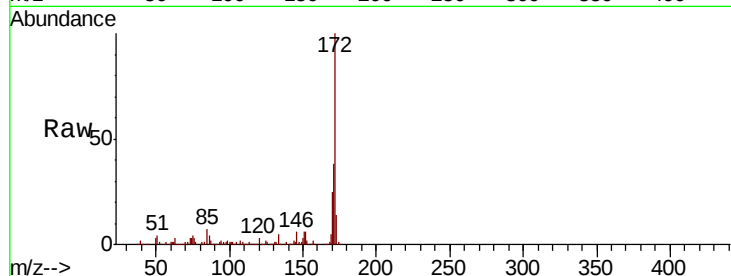
Tgt Ion:172 Resp: 935090

Ion Ratio Lower Upper

172 100

171 38.0 30.5 45.7

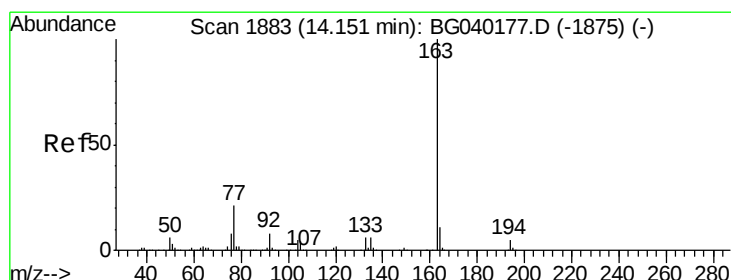
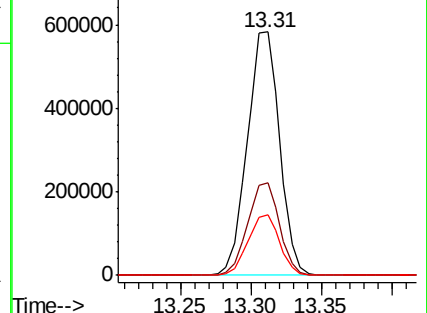
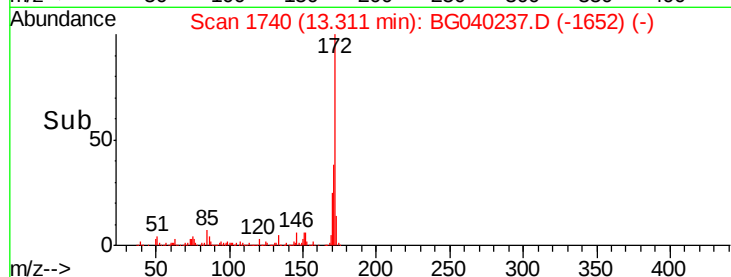
170 25.0 20.1 30.1



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



#50

Dimethylphthalate

Concen: 4.431 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

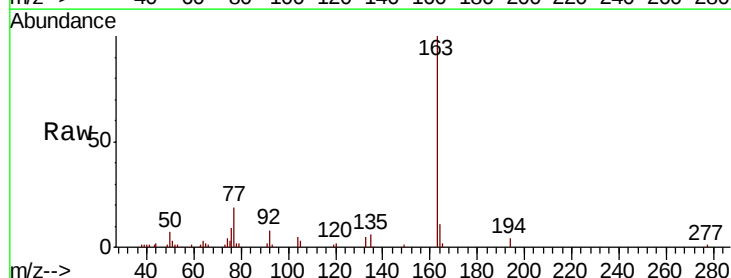
Tgt Ion:163 Resp: 54895

Ion Ratio Lower Upper

163 100

194 3.9 4.1 6.1#

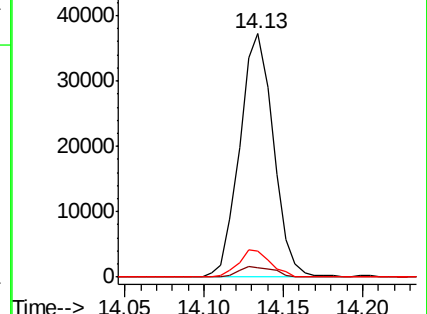
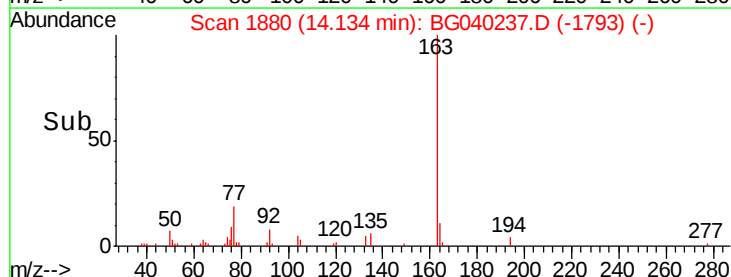
164 10.7 8.6 13.0

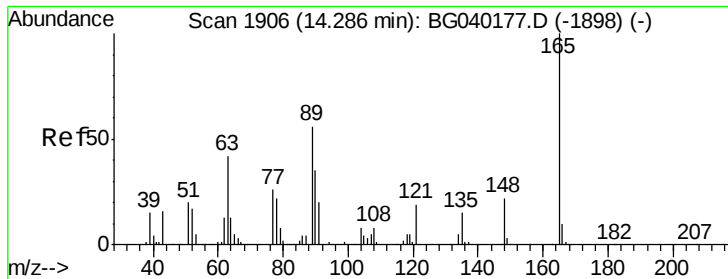


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

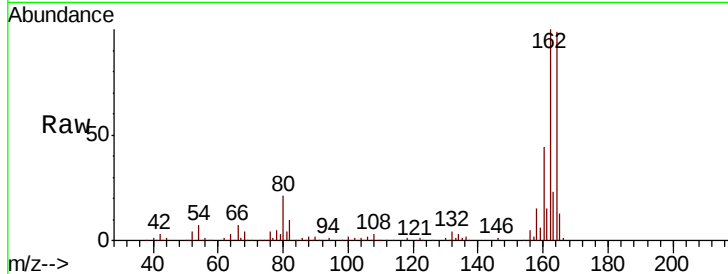




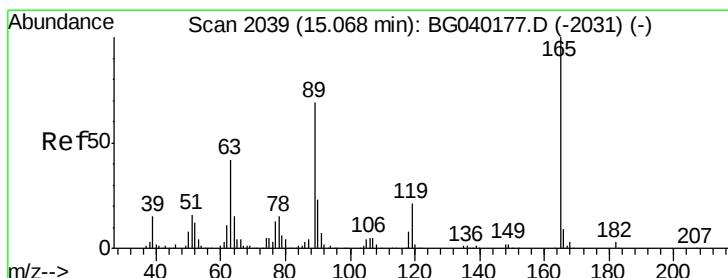
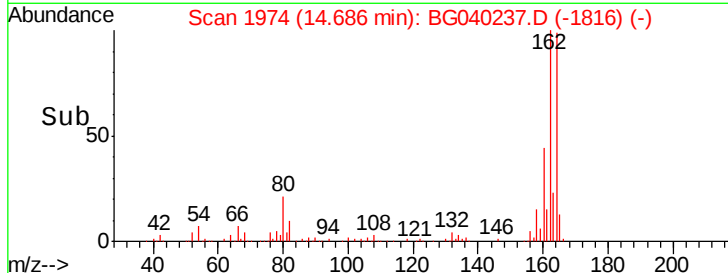
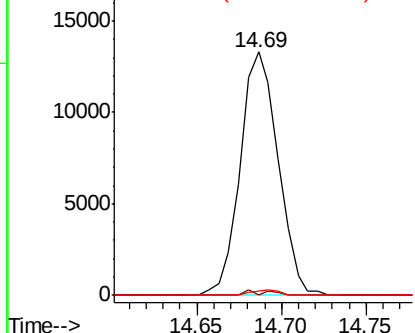
#51
 2,6-Dinitrotoluene
 Concen: 7.462 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.40 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

Instrument :
 BNA_G
 ClientSampleId :
 S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.1	66.1#
89	1.9	44.9	67.3#



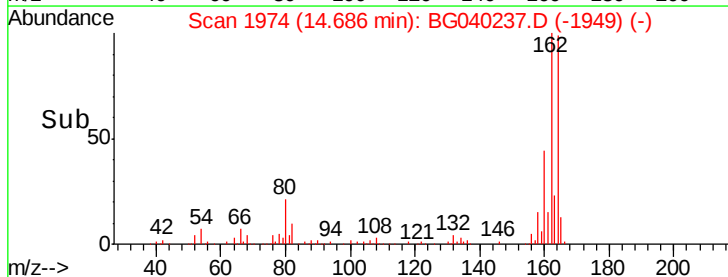
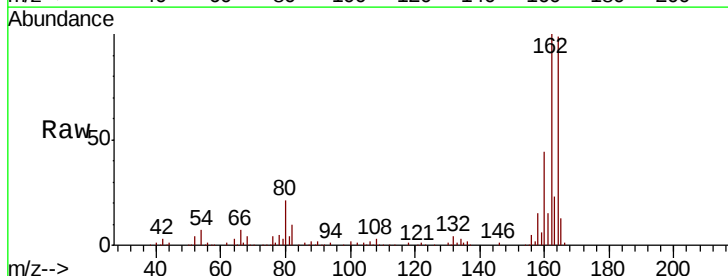
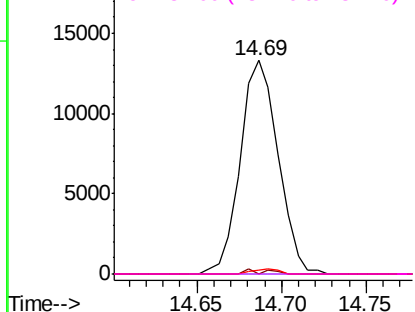
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

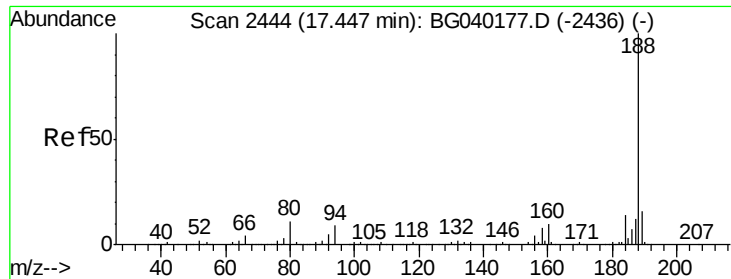


#57
 2,4-Dinitrotoluene
 Concen: 5.370 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040237.D
 Acq: 29 Mar 2019 22:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	1.9	55.4	83.2#
182	0.0	2.2	3.4#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

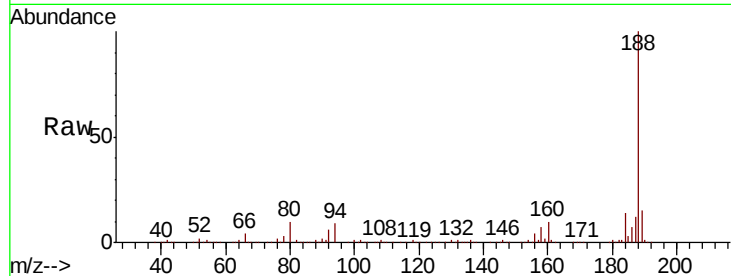
Tgt Ion:188 Resp: 415216

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

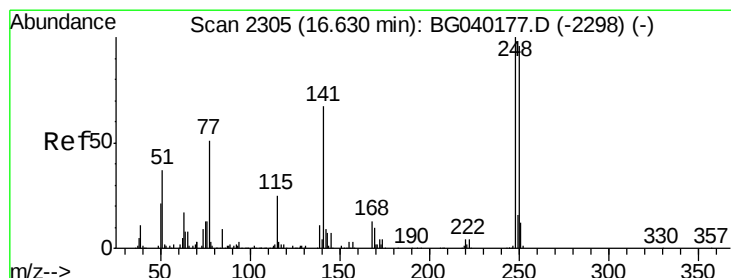
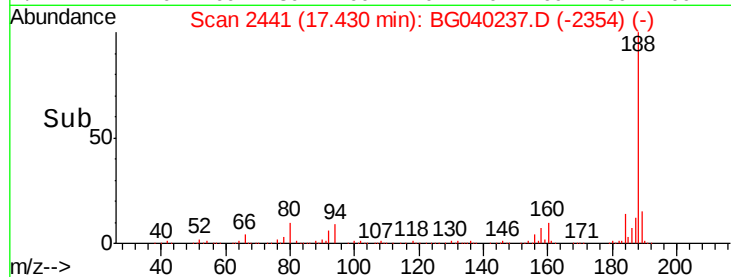
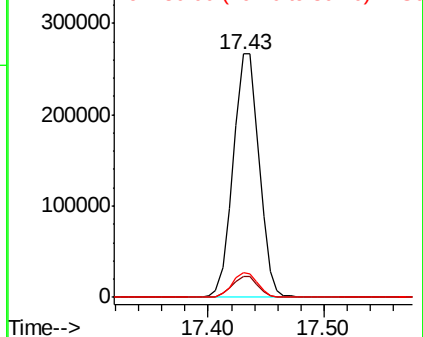
80 9.9 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 4.663 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.45 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

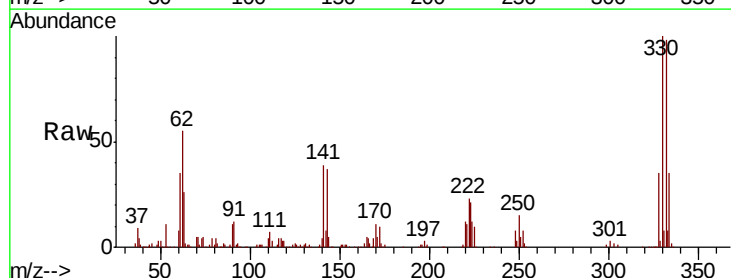
Tgt Ion:248 Resp: 21789

Ion Ratio Lower Upper

248 100

250 196.7 76.4 114.6#

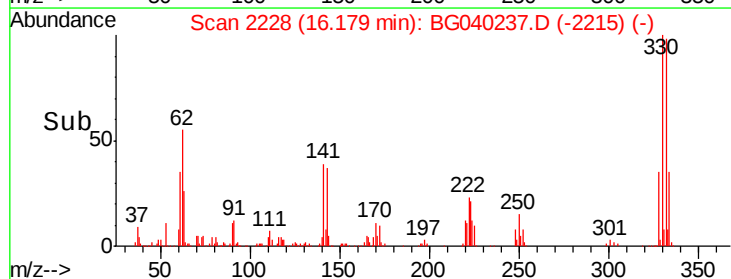
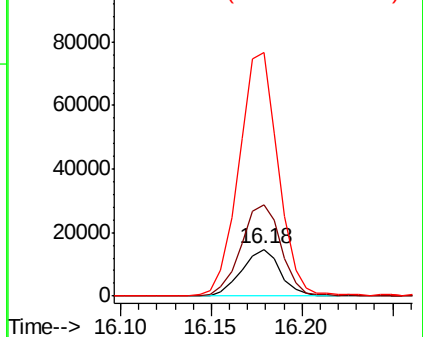
141 523.4 53.8 80.8#

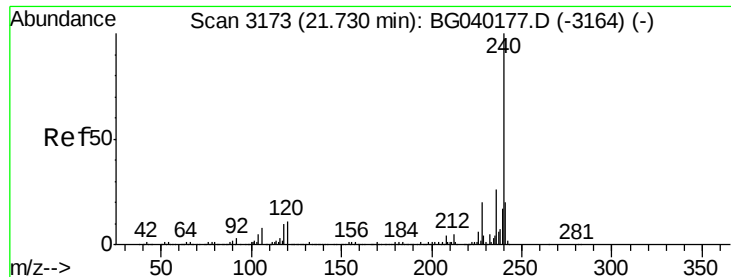


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

Instrument :

BNA_G

ClientSampleId :

S6A(12-20)COMP

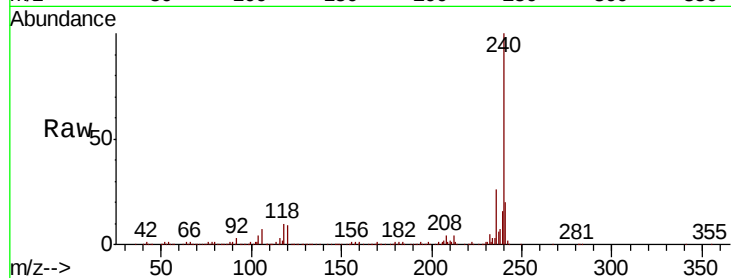
Tgt Ion:240 Resp: 427569

Ion Ratio Lower Upper

240 100

120 9.2 8.4 12.6

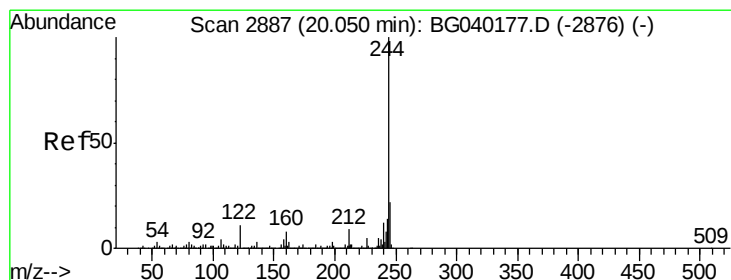
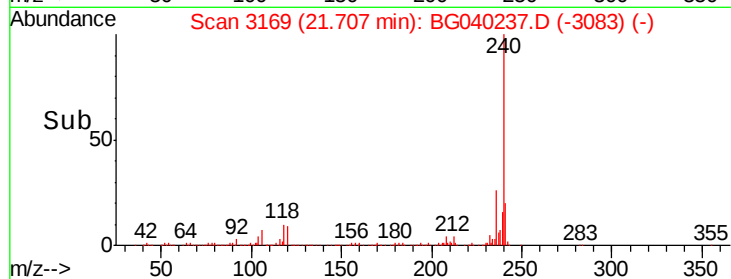
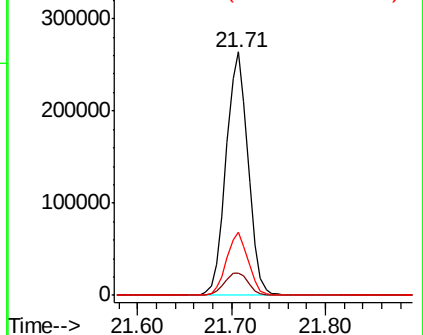
236 25.7 20.8 31.2



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



#79

Terphenyl-d14

Concen: 80.406 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040237.D

Acq: 29 Mar 2019 22:36

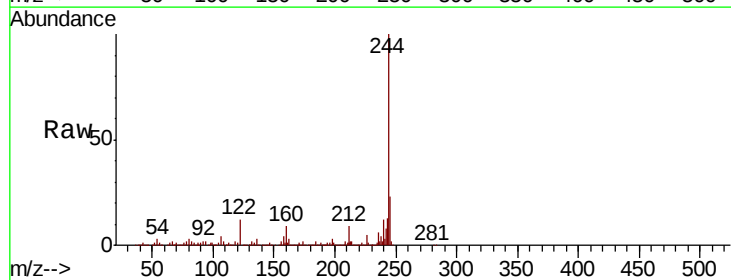
Tgt Ion:244 Resp: 1528199

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

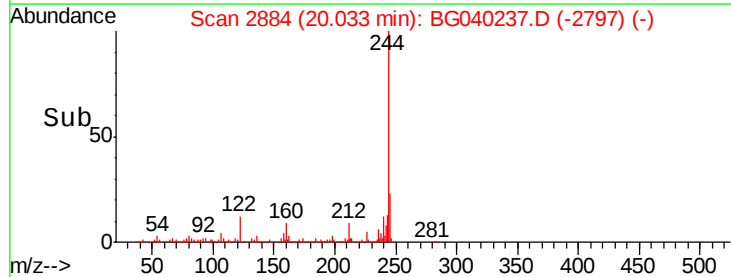
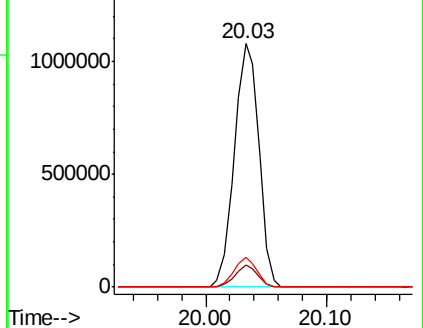
122 12.1 8.5 12.7

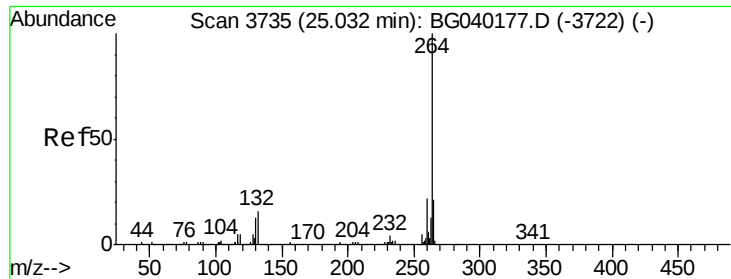


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.04 min
Lab File: BG040237.D
Acq: 29 Mar 2019 22:36

Instrument :
BNA_G
ClientSampleId :
S6A(12-20)COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.9	26.9
265	21.8	16.8	25.2

