

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040238.D
 Acq On : 29 Mar 2019 23:16
 Operator : JU/SJ
 Sample : K2138-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S6A-S6B(21-25)COMP

Quant Time: Mar 30 04:11:16 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

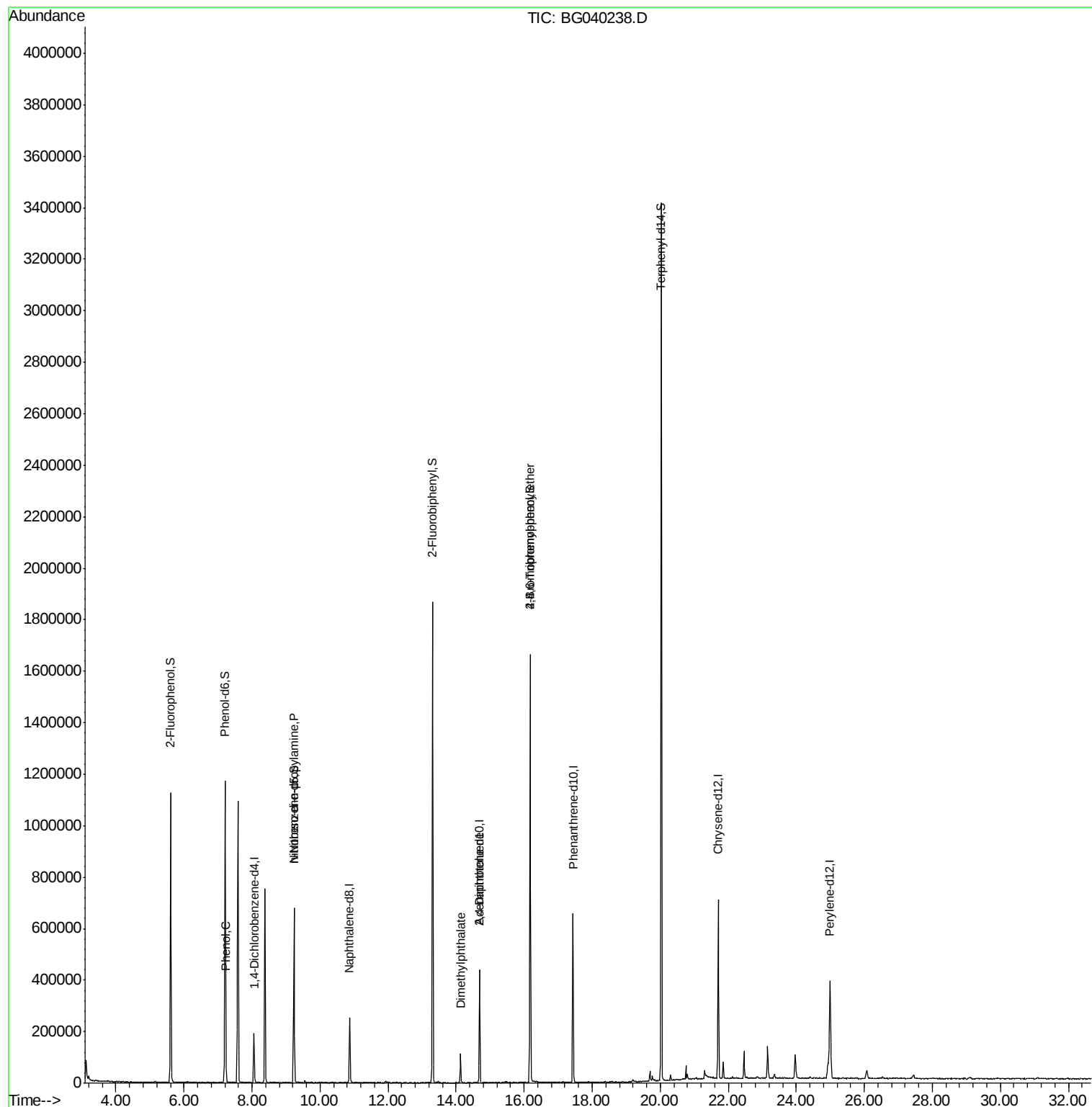
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	54559	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	228517	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	158221	20.00	ng	-0.02
64) Phenanthrene-d10	17.44	188	409429	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	411723	20.00	ng	-0.02
87) Perylene-d12	24.99	264	411926	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	488002	148.69	ng	-0.01
7) Phenol-d6	7.21	99	701620	154.69	ng	-0.01
23) Nitrobenzene-d5	9.23	82	408918	95.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	301995	176.61	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	981334	91.90	ng	-0.01
79) Terphenyl-d14	20.03	244	1534889	83.87	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	17599	3.575	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	9.23	70	51642	15.880	ng	# 74
50) Dimethylphthalate	14.13	163	75263	6.078	ng	99
57) 2,4-Dinitrotoluene	14.69	165	20304	5.255	ng	# 25
67) 4-Bromophenyl-phenylether	16.18	248	23093	5.012	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: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

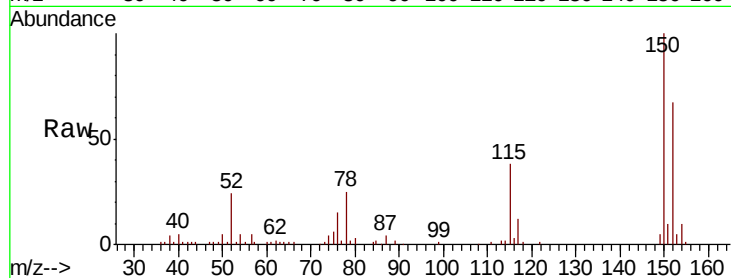
Tgt Ion:152 Resp: 54559

Ion Ratio Lower Upper

152 100

150 148.5 123.7 185.5

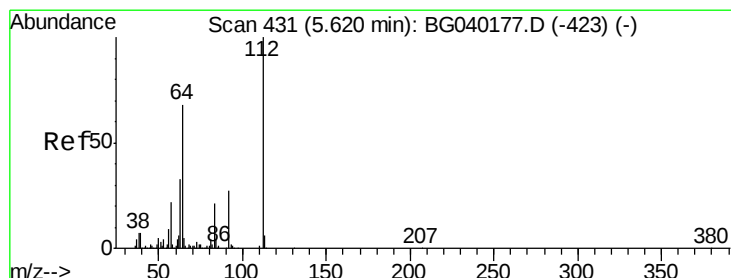
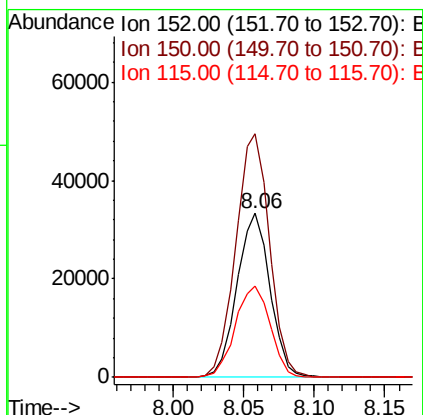
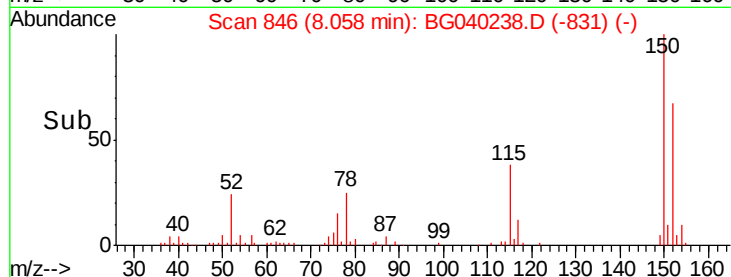
115 55.7 46.9 70.3



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: 148.694 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

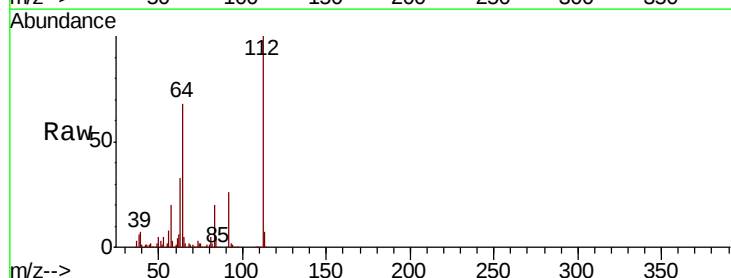
Tgt Ion:112 Resp: 488002

Ion Ratio Lower Upper

112 100

64 67.6 54.2 81.2

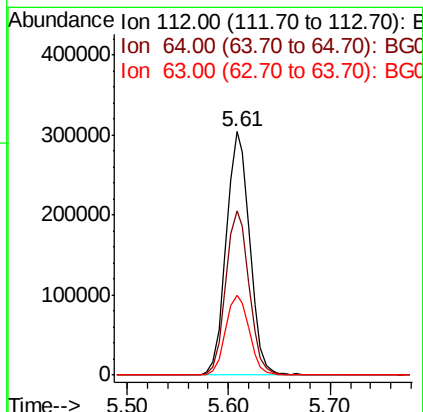
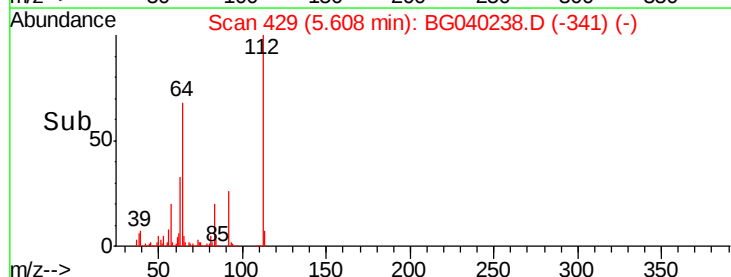
63 32.7 26.4 39.6



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: 154.690 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

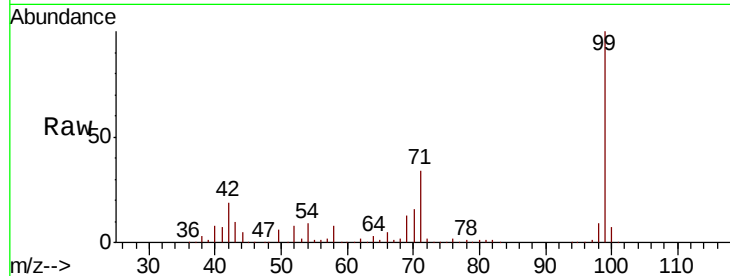
Tgt Ion: 99 Resp: 701620

Ion Ratio Lower Upper

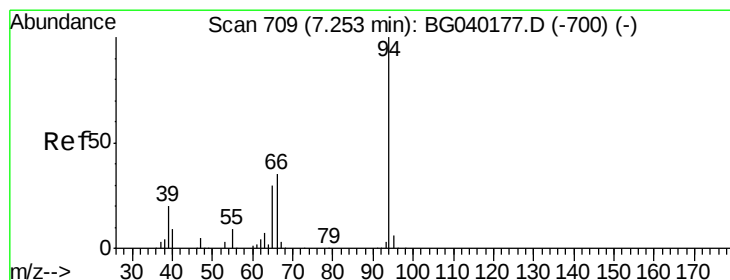
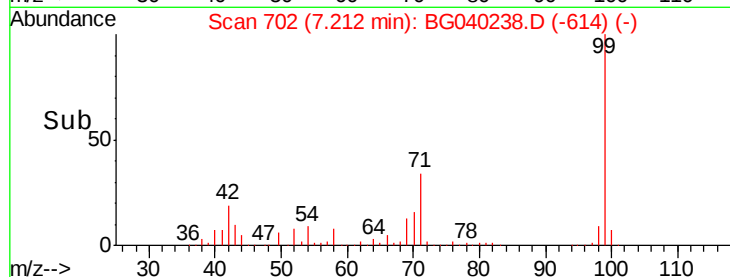
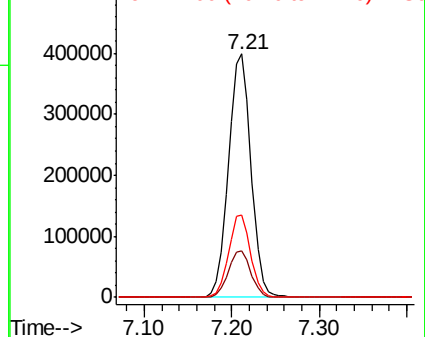
99 100

42 19.0 16.2 24.2

71 34.0 26.8 40.2



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



#10

Phenol

Concen: 3.575 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

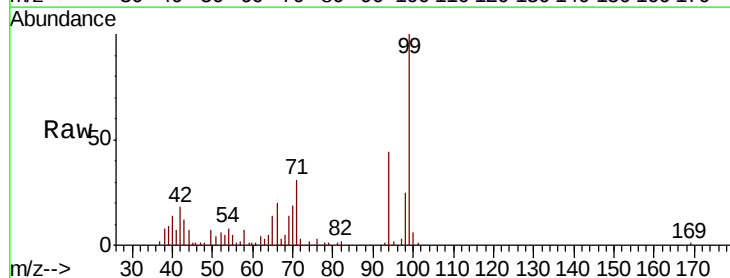
Tgt Ion: 94 Resp: 17599

Ion Ratio Lower Upper

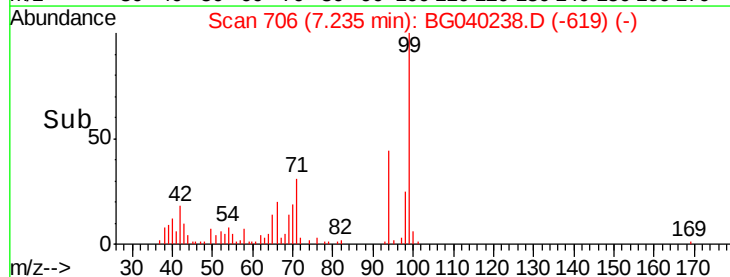
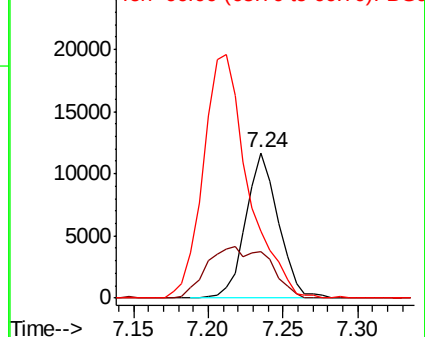
94 100

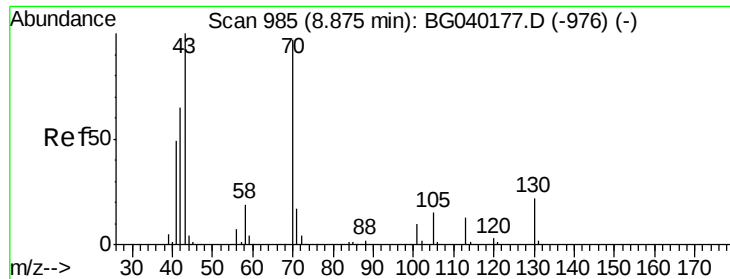
65 32.2 10.5 50.5

66 46.2 16.9 56.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

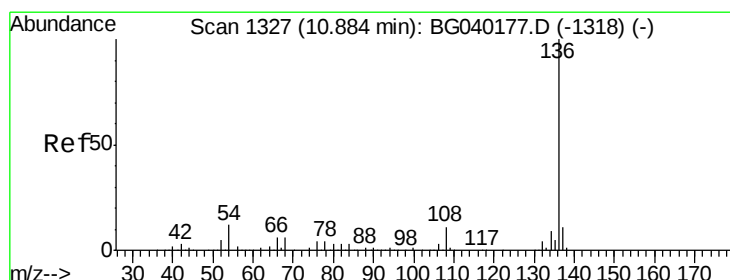
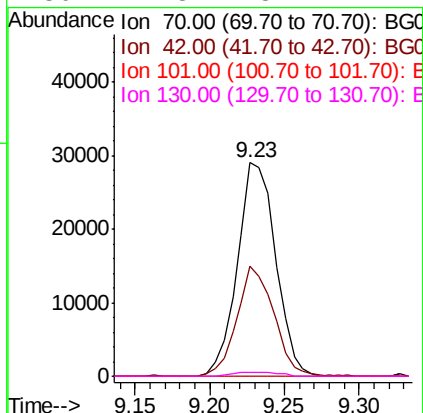
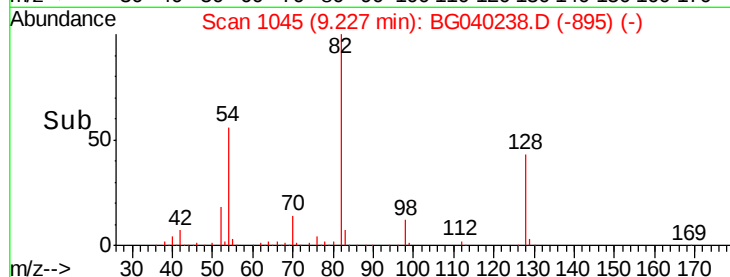
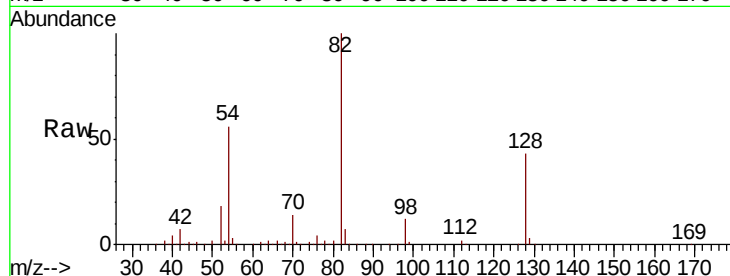




#19
n-Nitroso-di-n-propylamine
Concen: 15.880 ng
RT: 9.23 min Scan# 1045
Delta R.T. 0.35 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

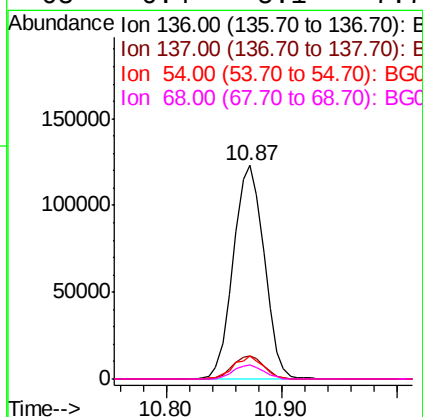
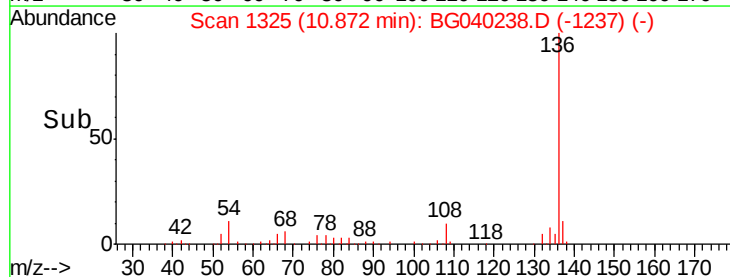
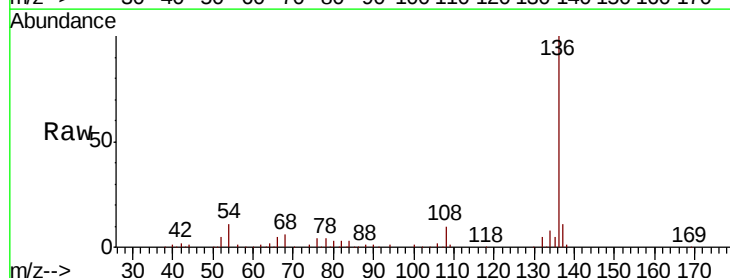
Instrument :
BNA_G
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S6A-S6B(21-25)COMP

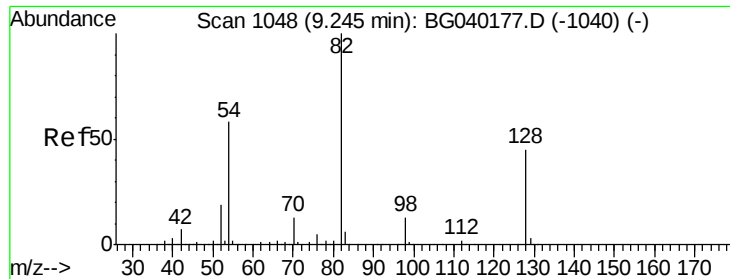
Tgt Ion: 70 Resp: 51642
Ion Ratio Lower Upper
70 100
42 51.3 54.0 81.0#
101 0.0 8.6 13.0#
130 1.8 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion: 136 Resp: 228517
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.8 9.6 14.4
68 6.4 5.1 7.7

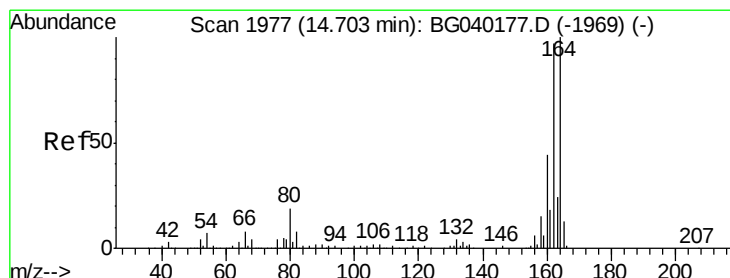
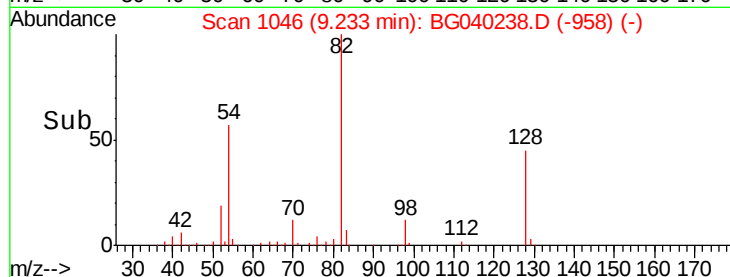
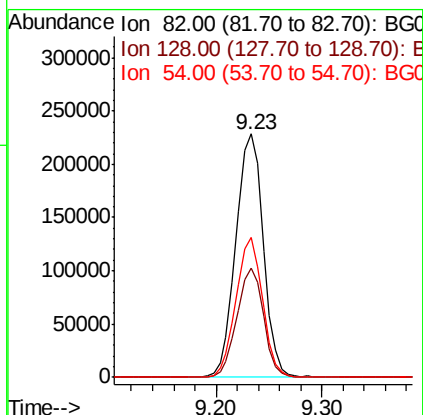
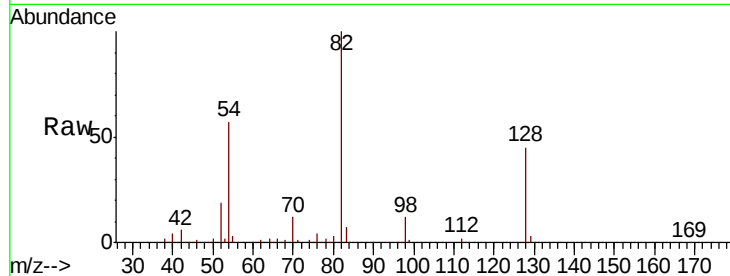




#23
Nitrobenzene-d5
Concen: 95.115 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

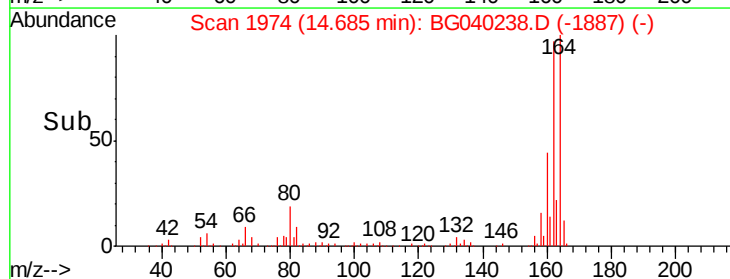
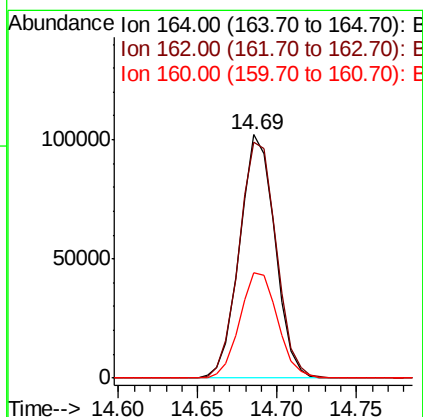
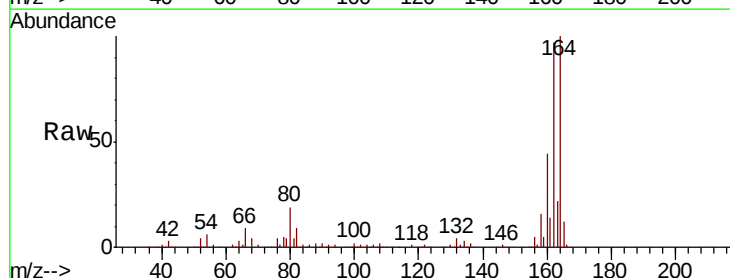
Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

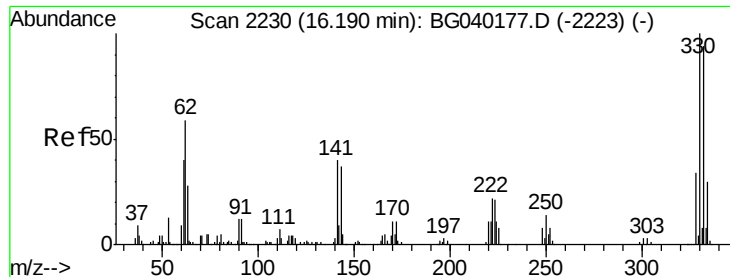
Tgt Ion: 82 Resp: 408918
Ion Ratio Lower Upper
82 100
128 45.0 35.8 53.8
54 57.4 46.2 69.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion: 164 Resp: 158221
Ion Ratio Lower Upper
164 100
162 96.7 77.4 116.2
160 43.5 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 176.610 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

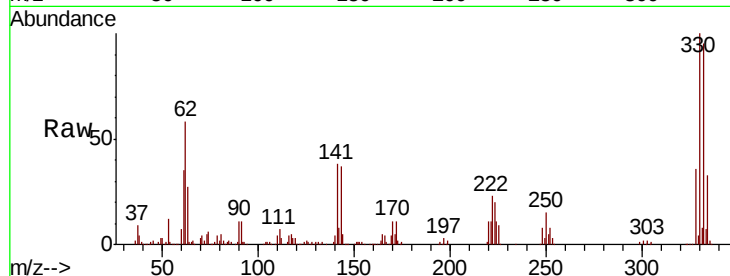
Tgt Ion:330 Resp: 301995

Ion Ratio Lower Upper

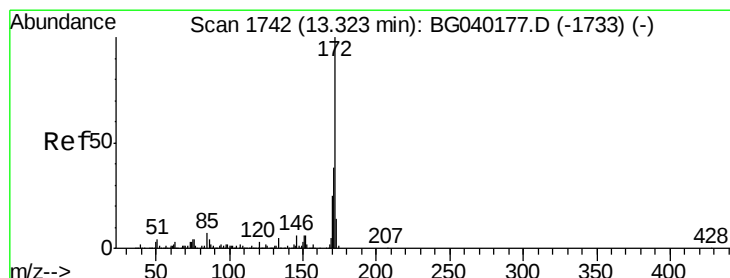
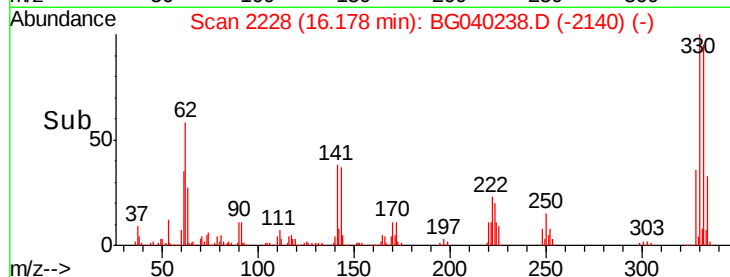
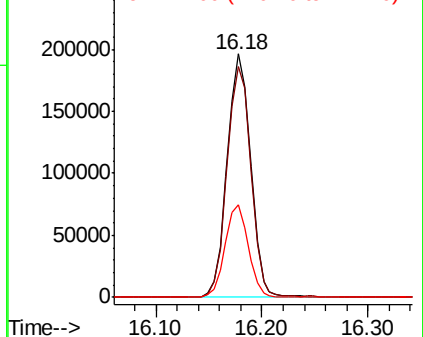
330 100

332 96.2 76.6 115.0

141 37.9 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: 91.903 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

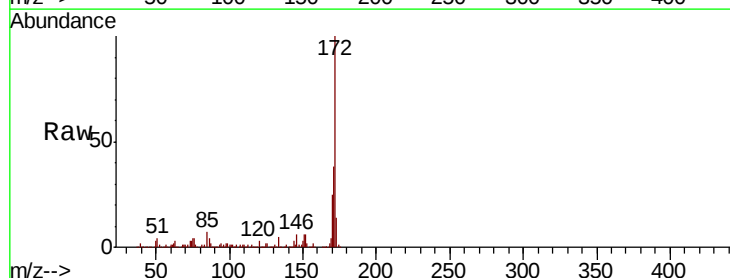
Tgt Ion:172 Resp: 981334

Ion Ratio Lower Upper

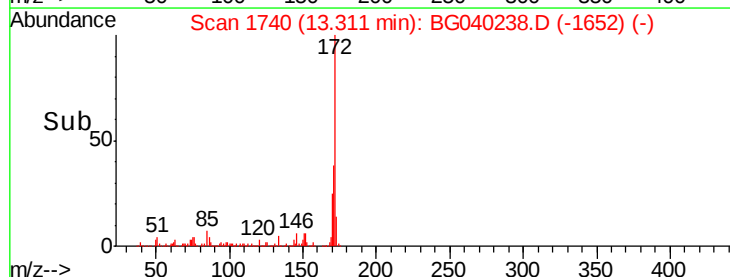
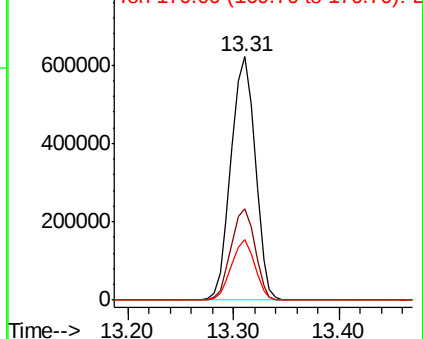
172 100

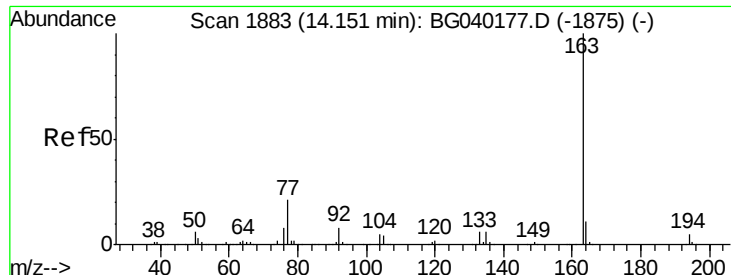
171 37.6 30.5 45.7

170 25.1 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

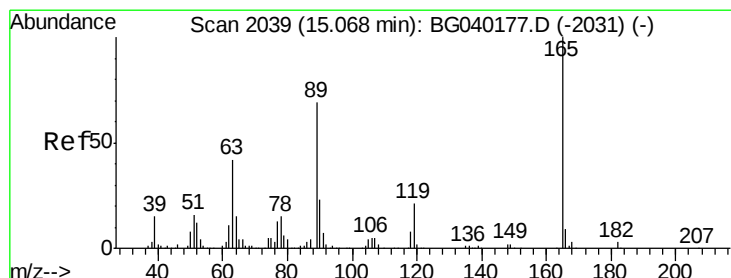
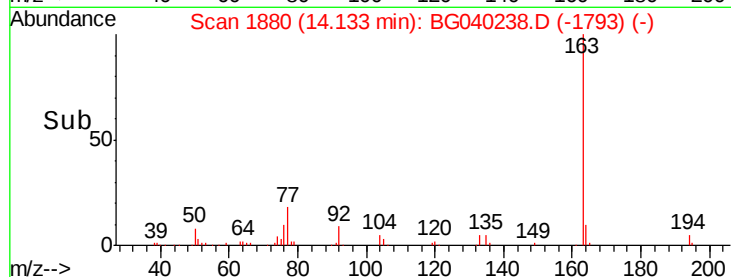
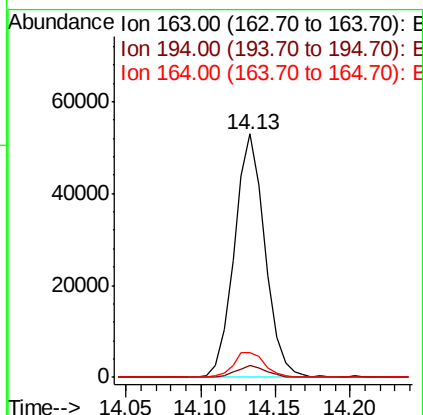
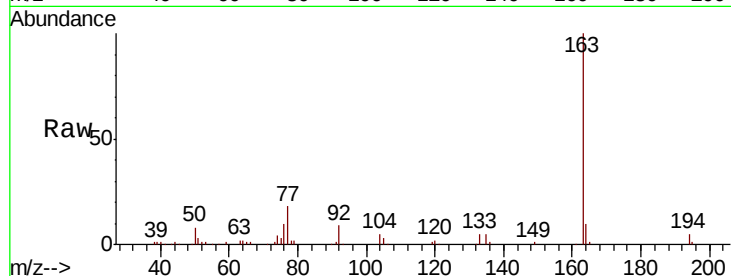




#50
Dimethylphthalate
Concen: 6.078 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

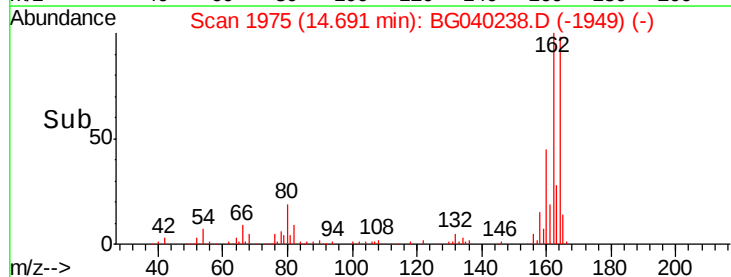
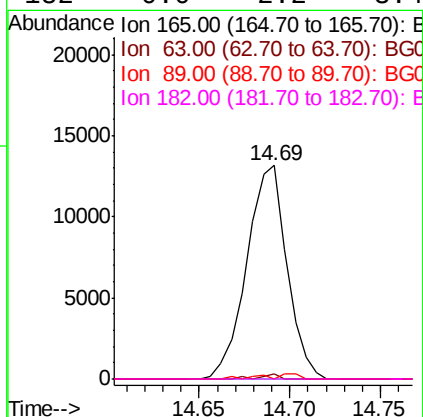
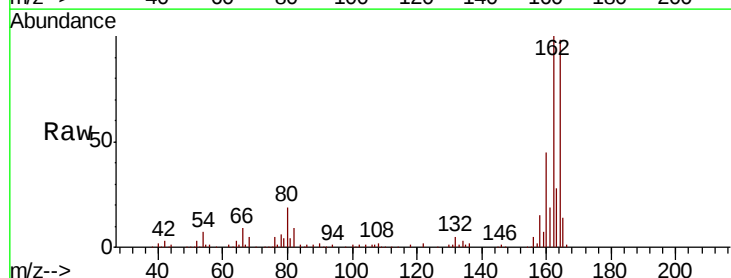
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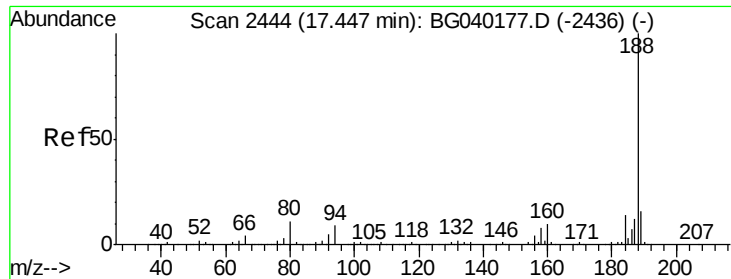
Tgt Ion:163 Resp: 75263
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 10.2 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 5.255 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.38 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:165 Resp: 20304
Ion Ratio Lower Upper
165 100
63 2.6 33.8 50.6#
89 0.0 55.4 83.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

Instrument :

BNA_G

ClientSampleId :

S6A-S6B(21-25)COMP

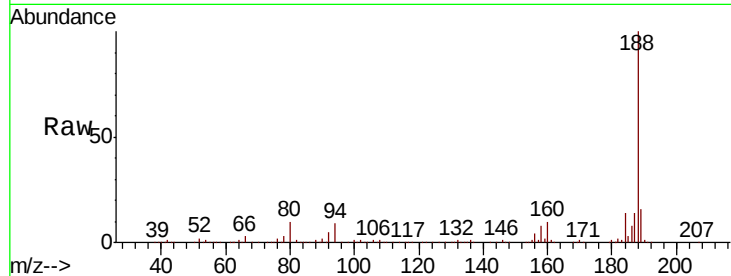
Tgt Ion:188 Resp: 409429

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

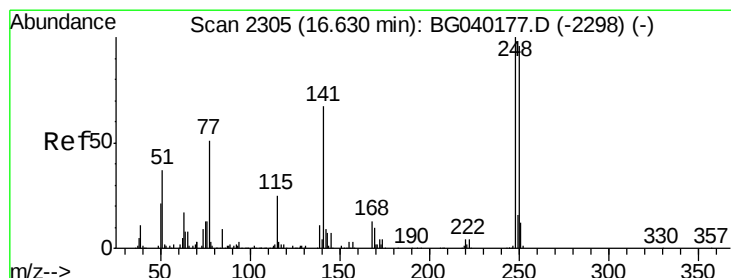
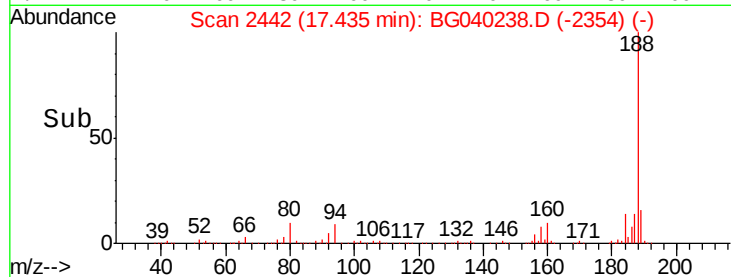
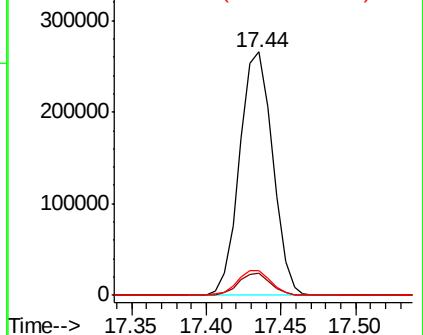
80 10.1 8.6 13.0



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: 5.012 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.45 min

Lab File: BG040238.D

Acq: 29 Mar 2019 23:16

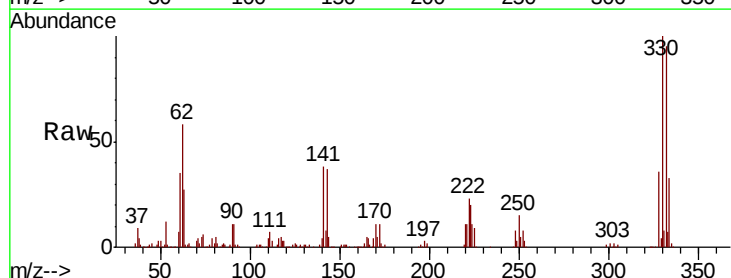
Tgt Ion:248 Resp: 23093

Ion Ratio Lower Upper

248 100

250 187.0 76.4 114.6#

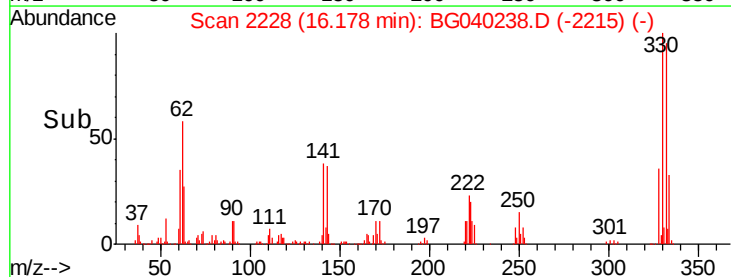
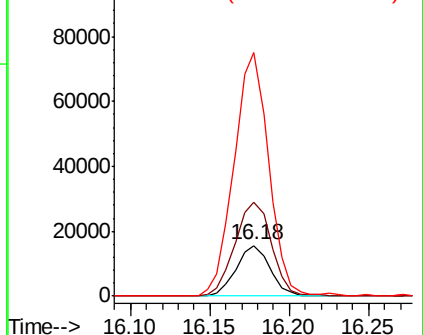
141 482.0 53.8 80.8#

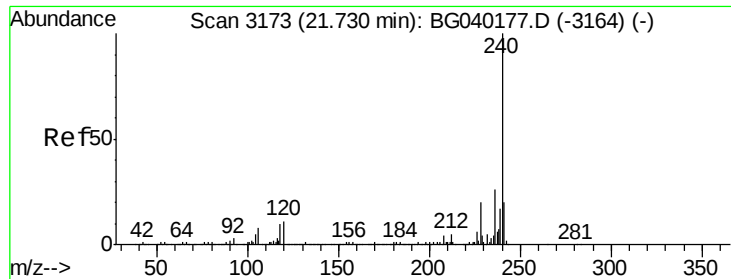


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

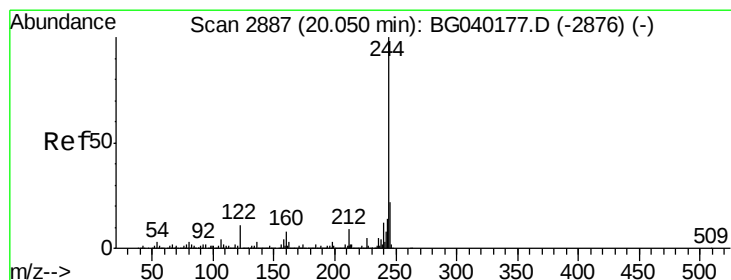
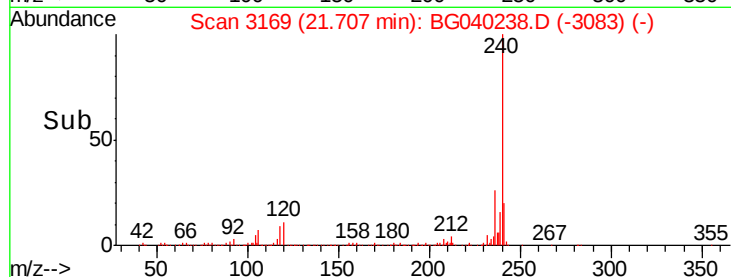
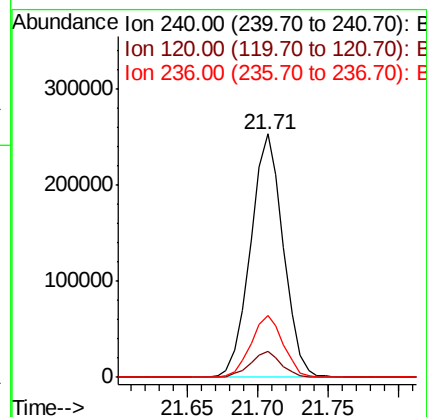
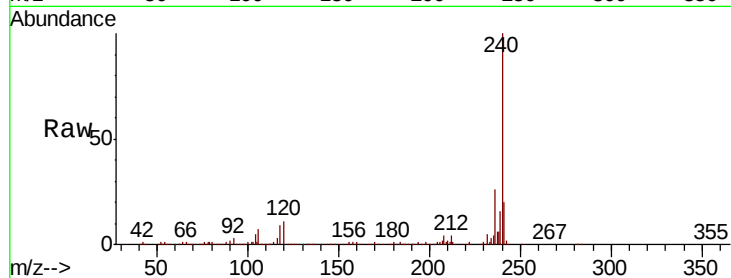




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

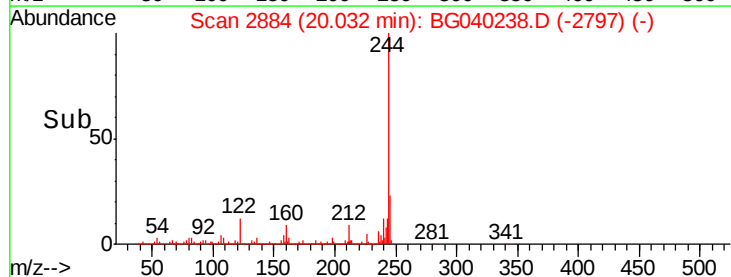
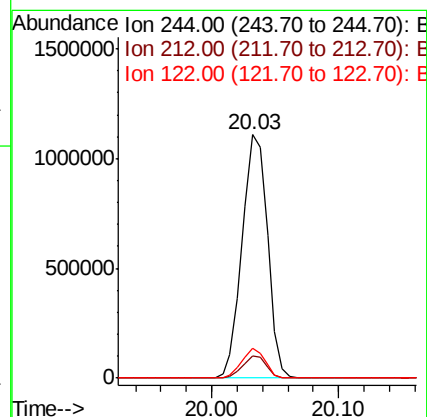
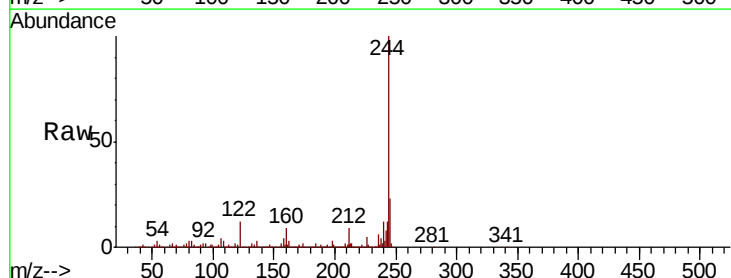
Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

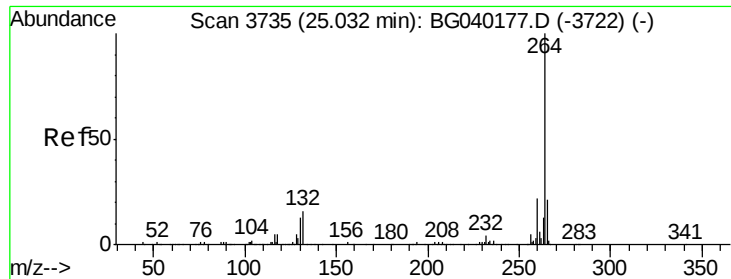
Tgt Ion:240 Resp: 411723
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 83.866 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.02 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Tgt Ion:244 Resp: 1534889
Ion Ratio Lower Upper
244 100
212 8.9 7.0 10.6
122 12.1 8.5 12.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3728
Delta R.T. -0.04 min
Lab File: BG040238.D
Acq: 29 Mar 2019 23:16

Instrument :
BNA_G
ClientSampleId :
S6A-S6B(21-25)COMP

Tgt Ion: 264 Resp: 411926
Ion Ratio Lower Upper
264 100
260 22.7 17.9 26.9
265 21.0 16.8 25.2

