

Data File : BG038623.D
Acq On : 16 Dec 2018 3:29
Operator : JU/SJ
Sample : J6357-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-09A

Quant Time: Dec 16 04:25:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

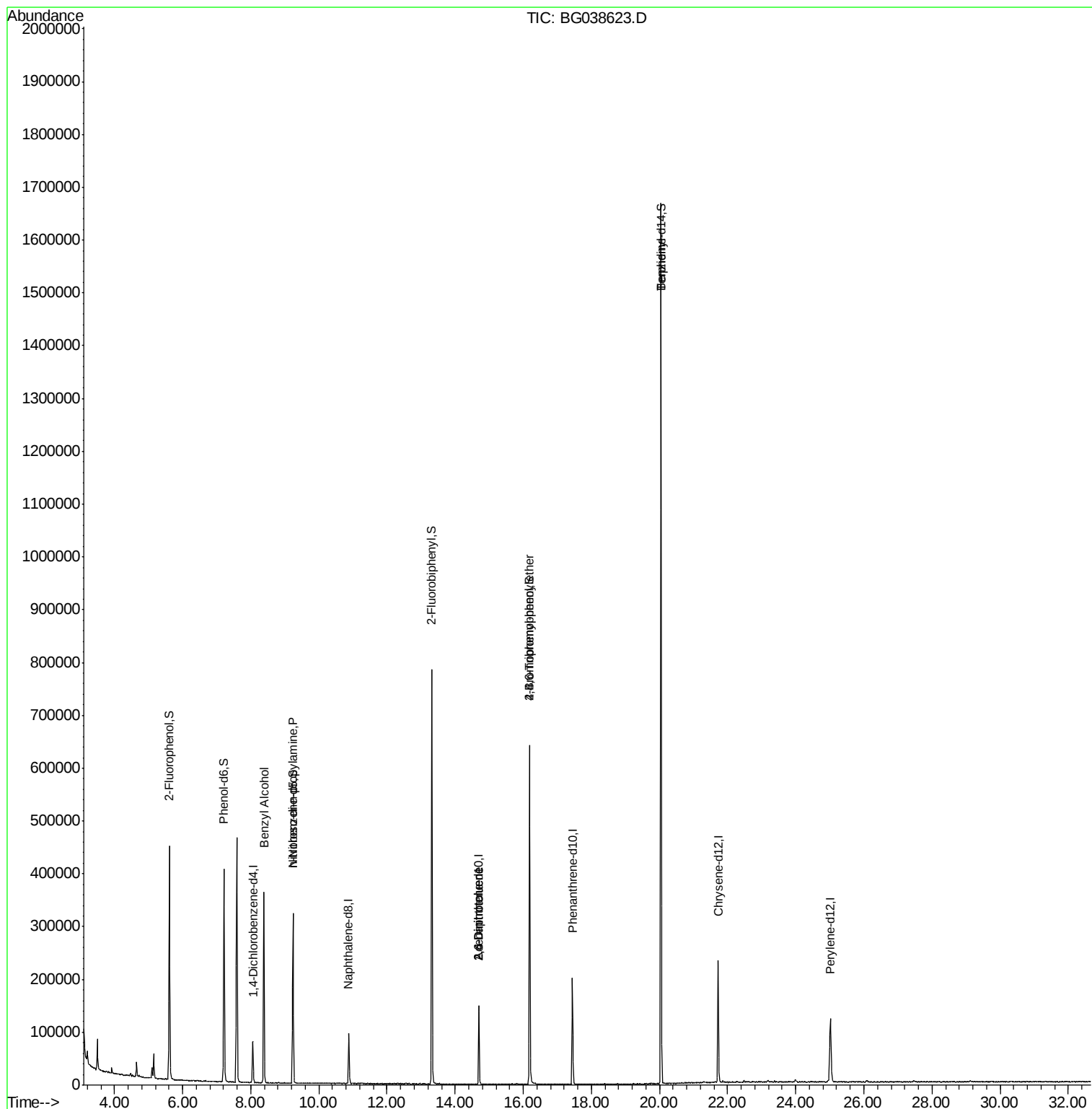
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22078	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87250	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	54813	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	138641	20.00	ng	0.00
76) Chrysene-d12	21.72	240	146694	20.00	ng	0.00
87) Perylene-d12	25.01	264	154783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	188750	151.63	ng	0.00
7) Phenol-d6	7.22	99	224923	131.62	ng	0.00
23) Nitrobenzene-d5	9.24	82	189161	110.76	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	130038	172.14	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	424867	106.33	ng	0.00
79) Terphenyl-d14	20.05	244	835729	123.99	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3010	2.257	ng	# 28
19) n-Nitroso-di-n-propylamine	9.24	70	25095	20.909	ng	# 70
51) 2,6-Dinitrotoluene	14.69	165	7273	7.170	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	7273	5.091	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	8827	5.213	ng	# 1
77) Benzidine	20.04	184	15450	3.561	ng	# 94

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

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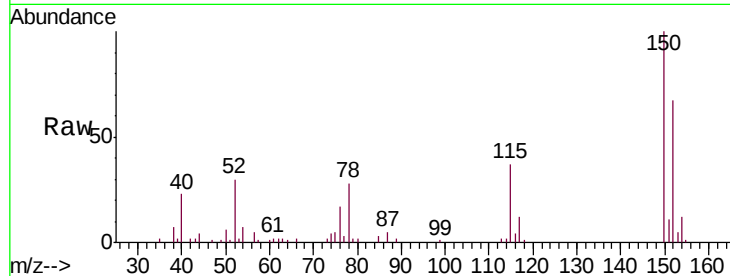




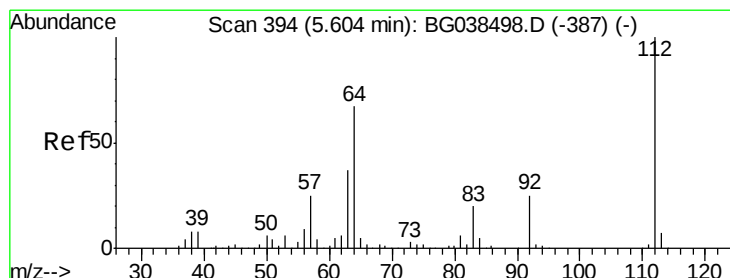
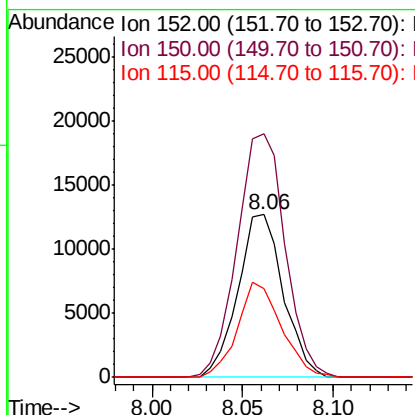
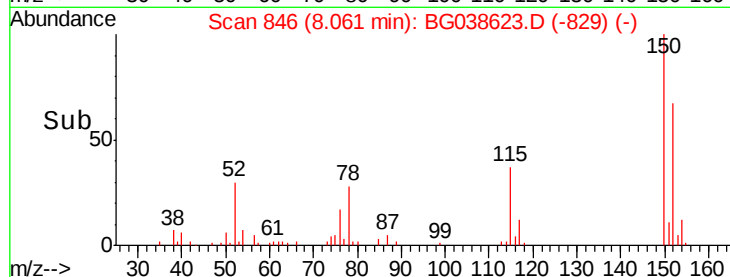
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-09A

Tgt Ion:152 Resp: 22078
 Ion Ratio Lower Upper
 152 100
 150 149.9 119.5 179.3
 115 54.8 49.6 74.4

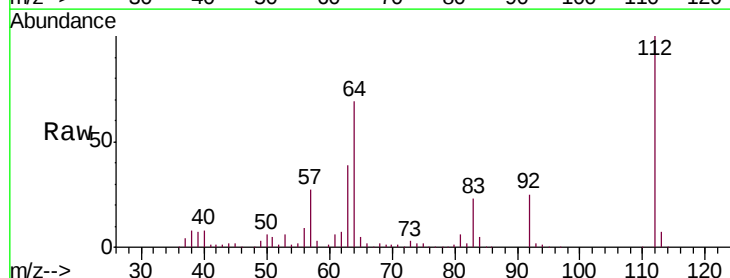


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

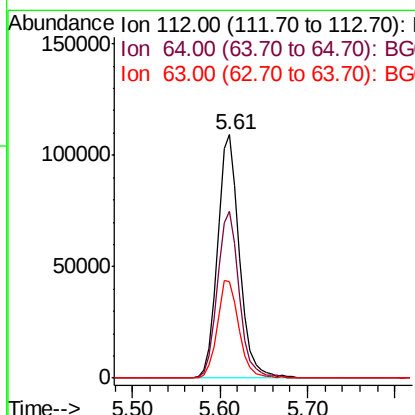
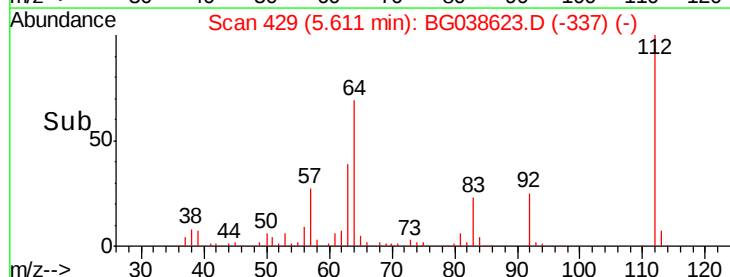


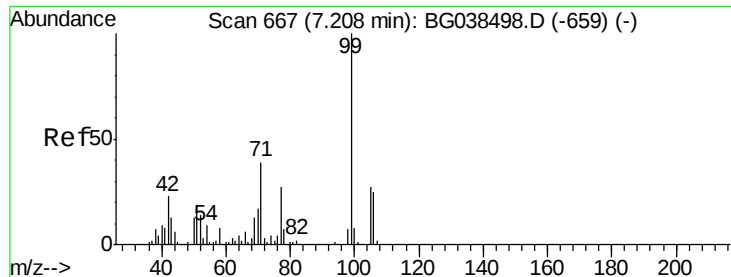
#5
 2-Fluorophenol
 Concen: 151.634 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Tgt Ion:112 Resp: 188750
 Ion Ratio Lower Upper
 112 100
 64 68.6 53.4 80.2
 63 39.5 29.3 43.9



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: 131.623 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampleId :

SB-09A

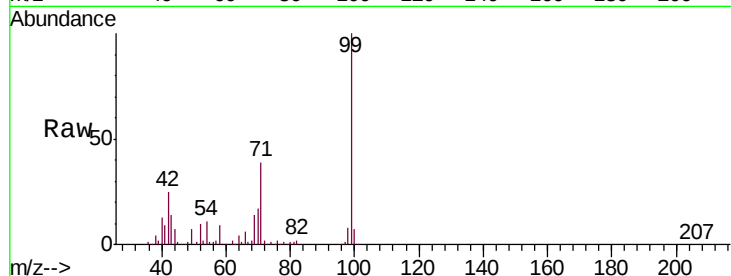
Tgt Ion: 99 Resp: 224923

Ion Ratio Lower Upper

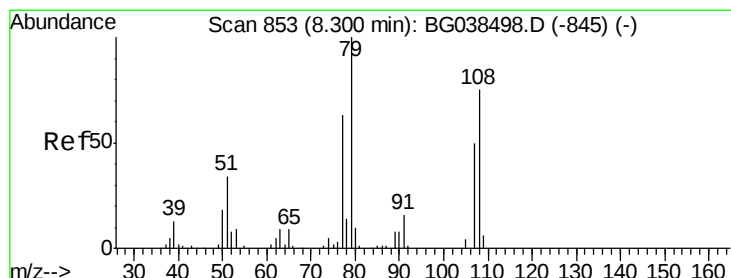
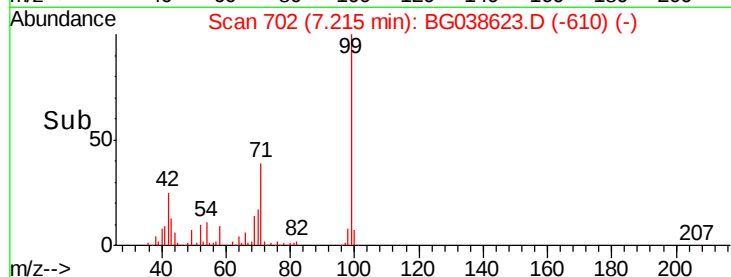
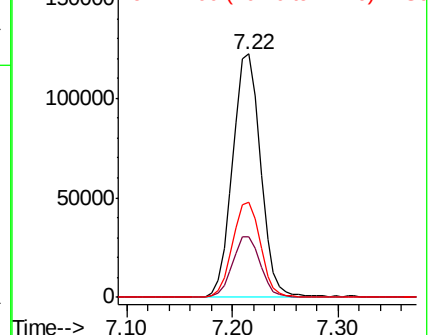
99 100

42 25.1 18.5 27.7

71 39.3 31.1 46.7



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



#15

Benzyl Alcohol

Concen: 2.257 ng

RT: 8.38 min Scan# 901

Delta R.T. 0.08 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

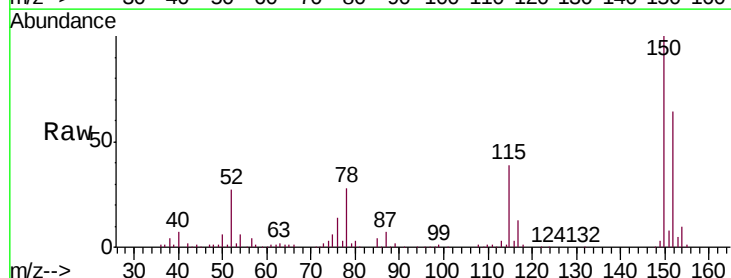
Tgt Ion: 79 Resp: 3010

Ion Ratio Lower Upper

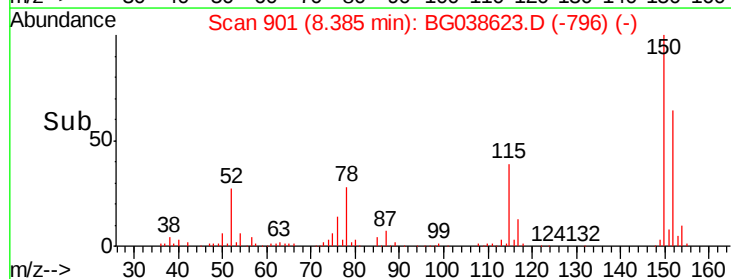
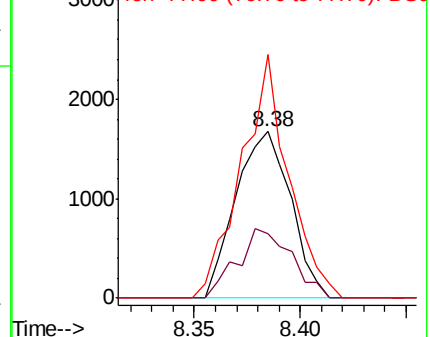
79 100

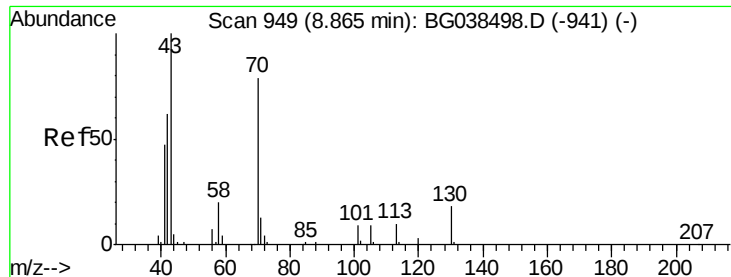
108 38.7 60.2 90.4#

77 146.0 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

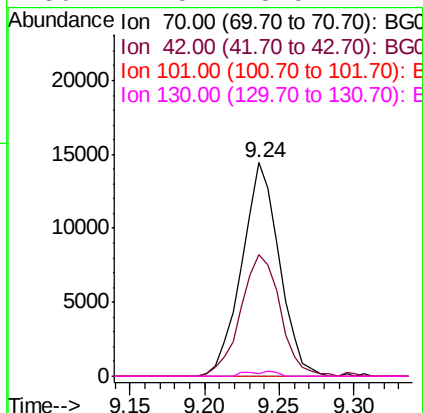
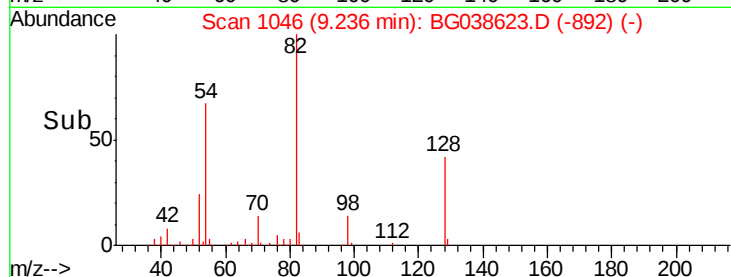
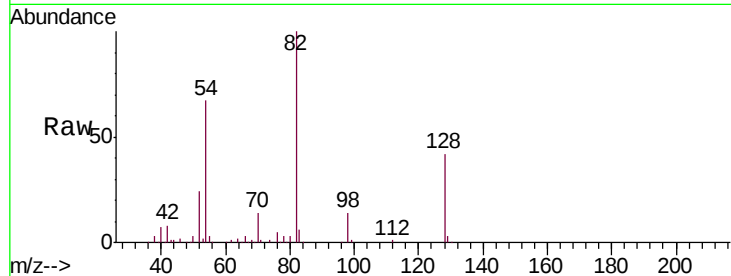




#19
n-Nitroso-di-n-propylamine
Concen: 20.909 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

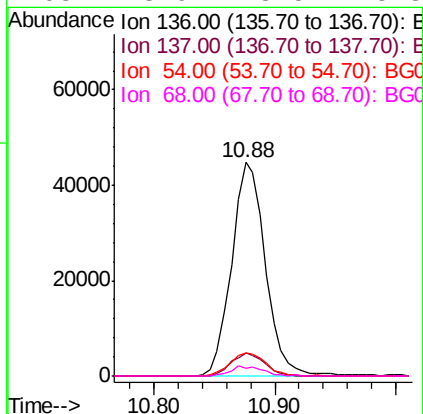
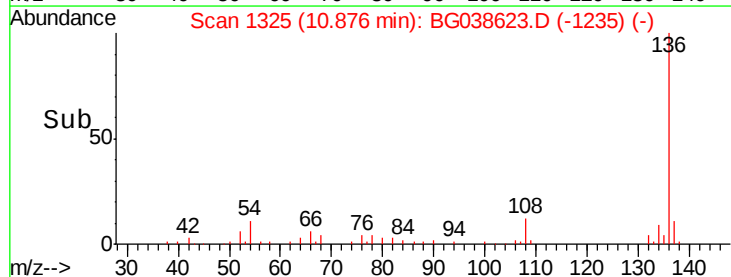
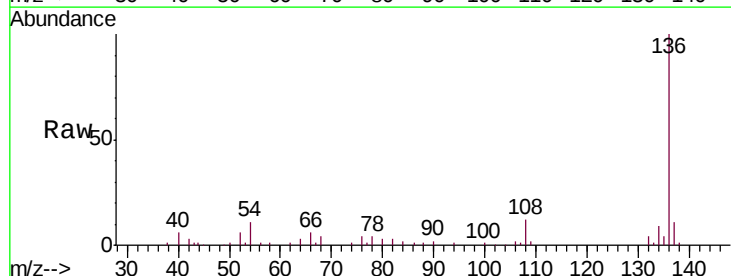
Instrument :
BNA_G
ClientSampleId :
SB-09A

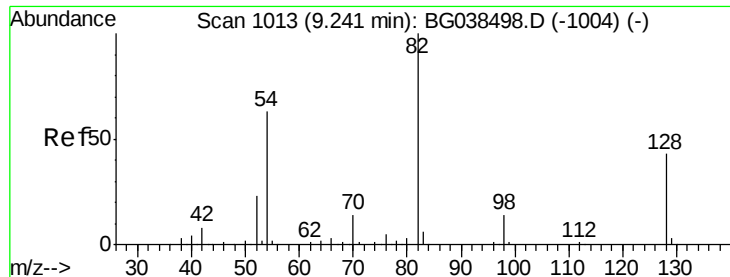
Tgt Ion: 70 Resp: 25095
Ion Ratio Lower Upper
70 100
42 56.8 63.6 95.4#
101 0.0 9.2 13.8#
130 1.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

Tgt Ion: 136 Resp: 87250
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.7 8.5 12.7
68 3.9 3.5 5.3

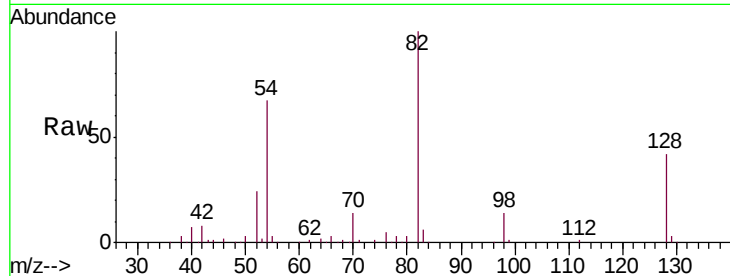




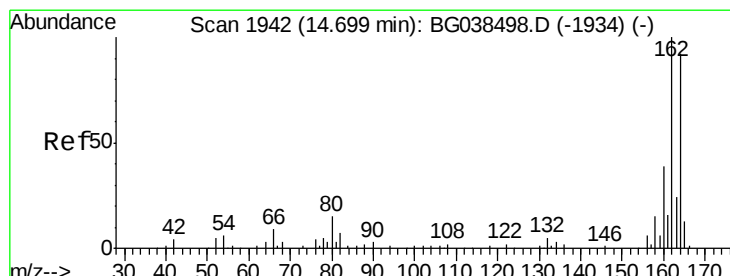
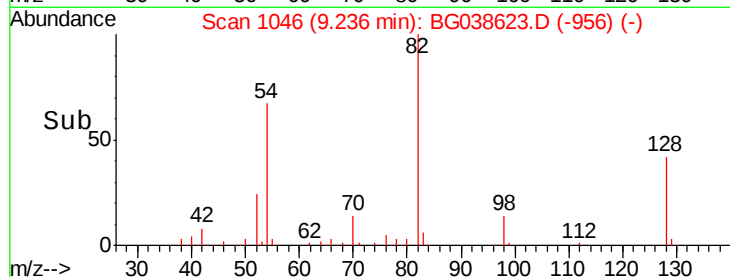
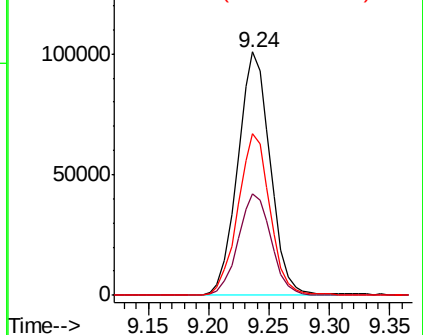
#23
Nitrobenzene-d5
Concen: 110.759 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

Instrument :
BNA_G
ClientSampled :
SB-09A

Tgt Ion: 82 Resp: 189161
Ion Ratio Lower Upper
82 100
128 41.8 34.6 52.0
54 66.7 50.6 76.0

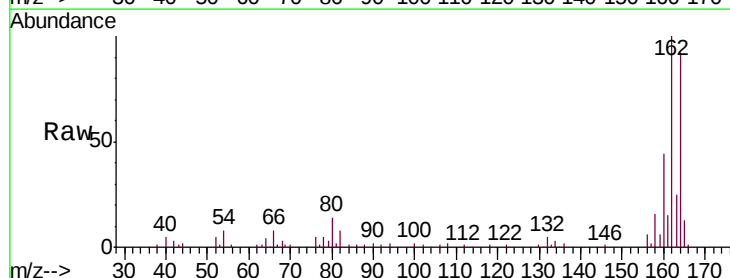


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

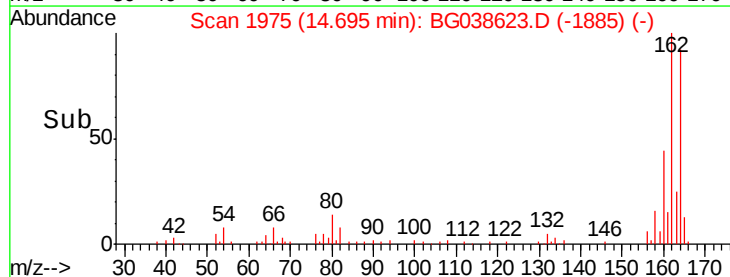
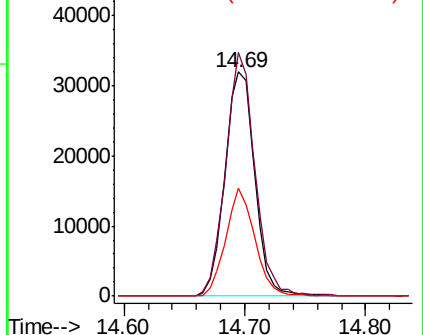


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038623.D
Acq: 16 Dec 2018 3:29

Tgt Ion: 164 Resp: 54813
Ion Ratio Lower Upper
164 100
162 108.6 86.6 130.0
160 48.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

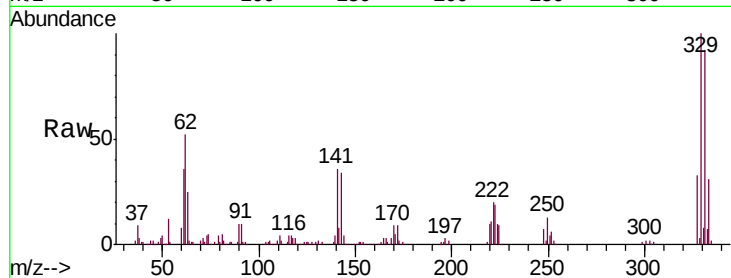




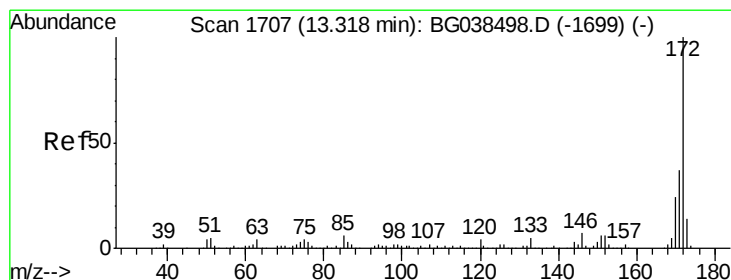
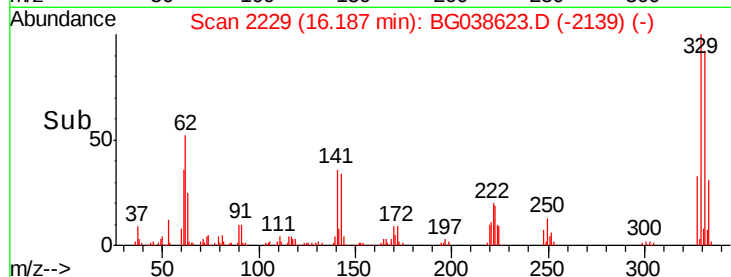
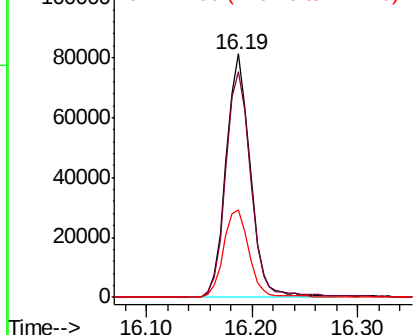
#42
 2,4,6-Tribromophenol
 Concen: 172.140 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-09A

Tgt Ion:330 Resp: 130038
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.9 115.3
 141 37.7 28.8 43.2

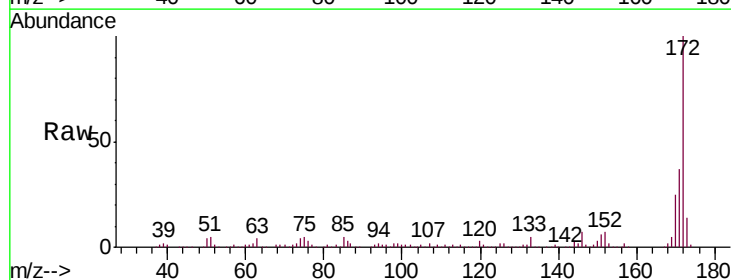


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

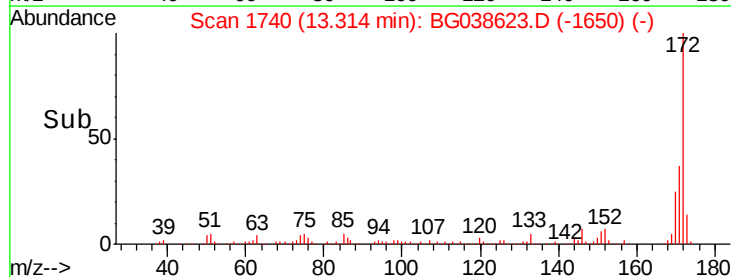
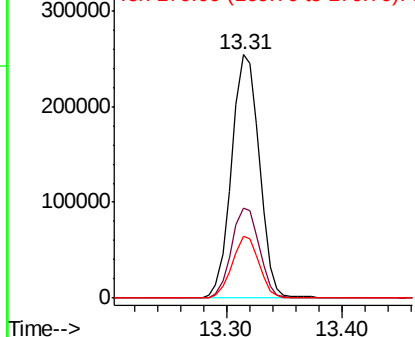


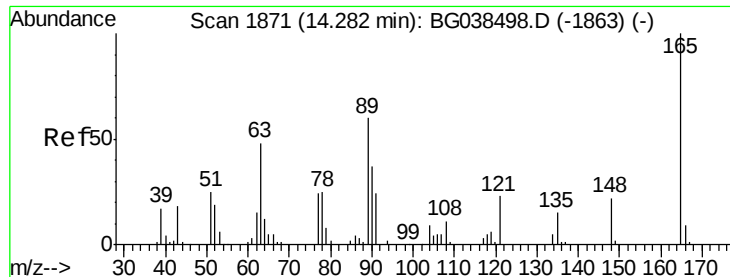
#45
 2-Fluorobiphenyl
 Concen: 106.335 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Tgt Ion:172 Resp: 424867
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.8 44.6
 170 25.5 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

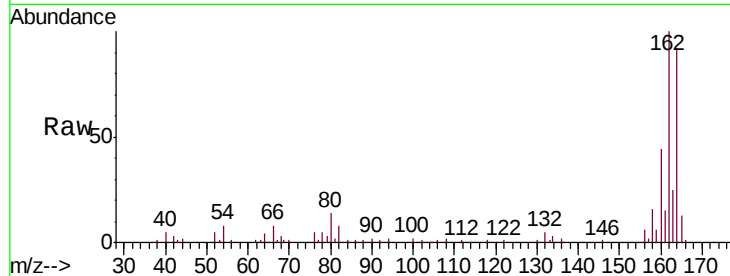




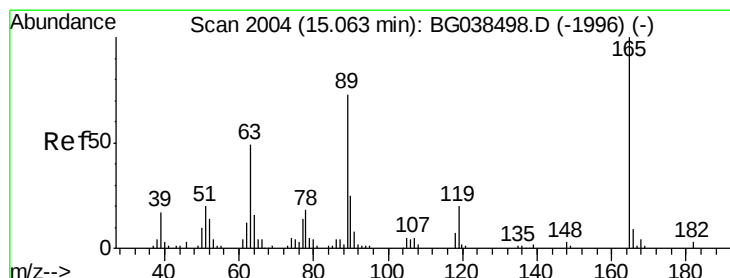
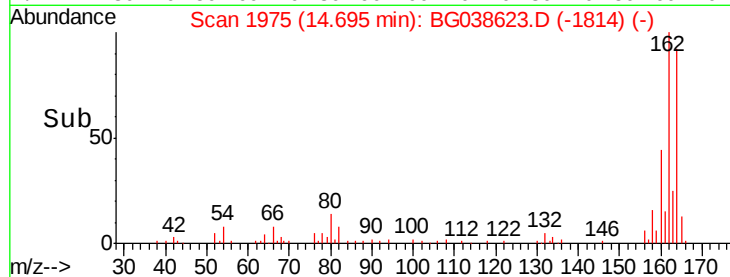
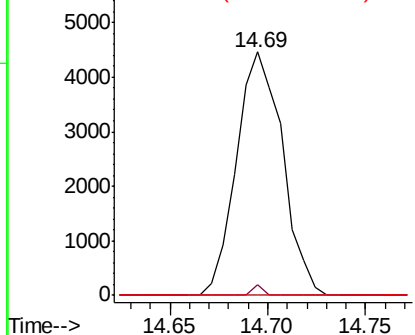
#51
 2,6-Dinitrotoluene
 Concen: 7.170 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Instrument :
 BNA_G
 ClientSampleId :
 SB-09A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.2	51.8	77.6#
89	0.0	47.9	71.9#

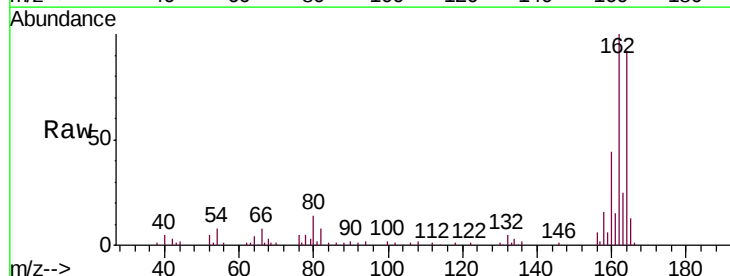


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

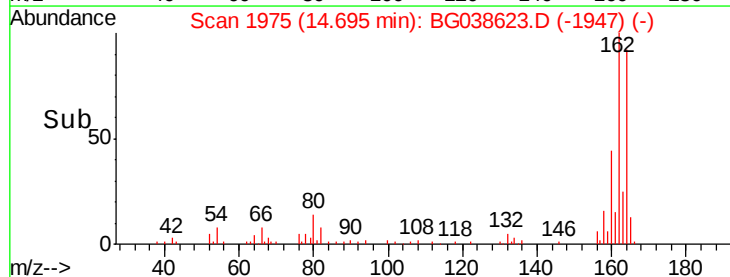
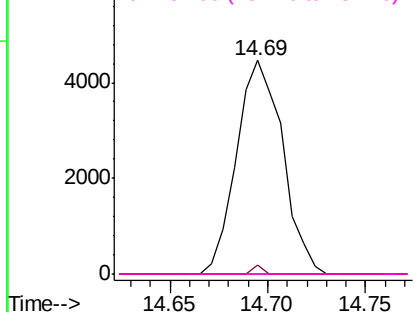


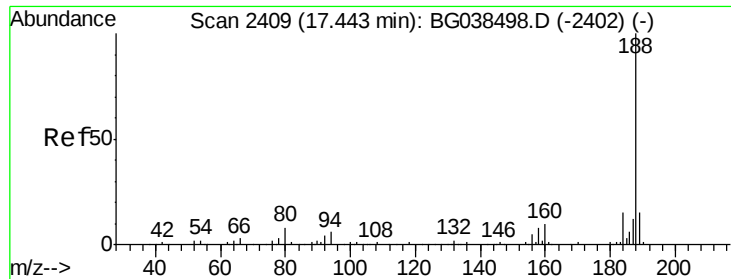
#57
 2,4-Dinitrotoluene
 Concen: 5.091 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	4.2	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampled :

SB-09A

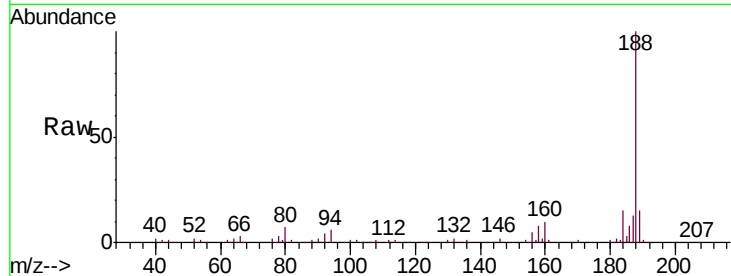
Tgt Ion:188 Resp: 138641

Ion Ratio Lower Upper

188 100

94 6.3 5.1 7.7

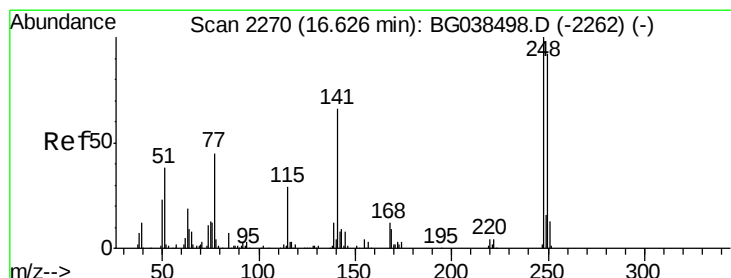
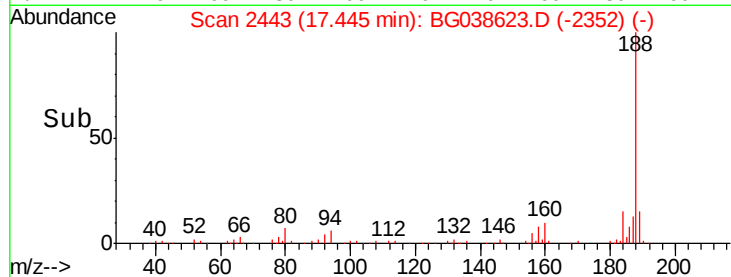
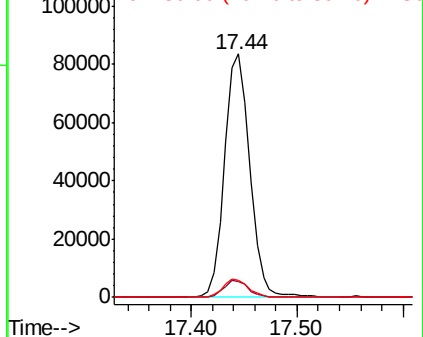
80 7.1 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 5.213 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

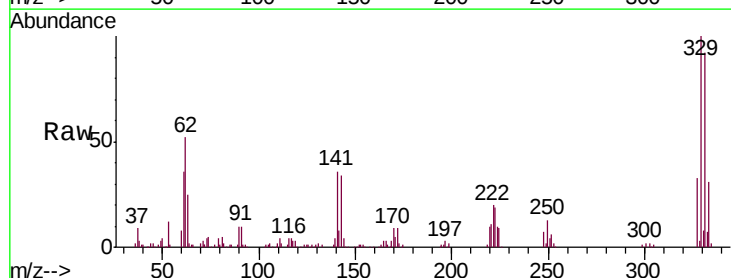
Tgt Ion:248 Resp: 8827

Ion Ratio Lower Upper

248 100

250 179.7 73.4 110.2#

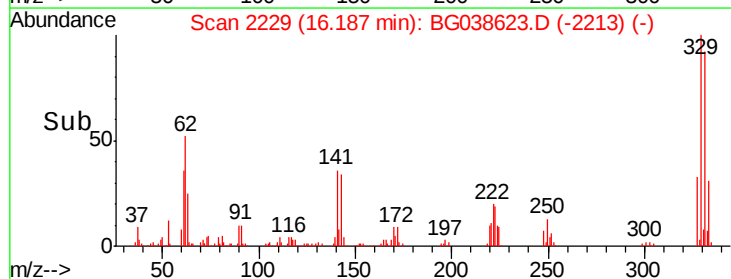
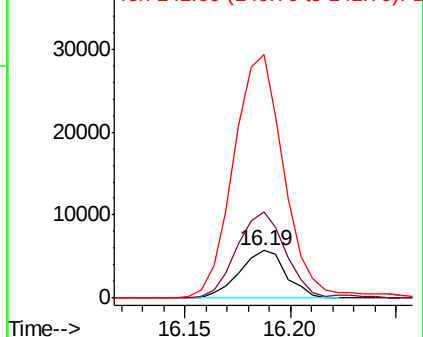
141 397.6 52.9 79.3#

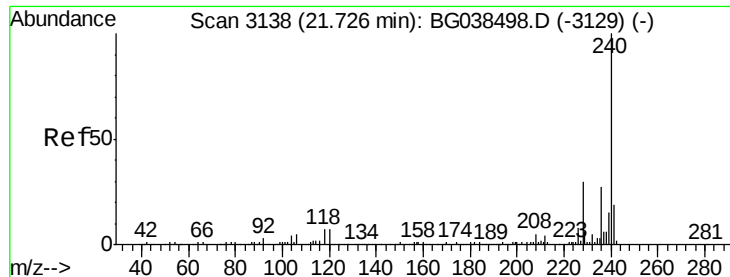


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

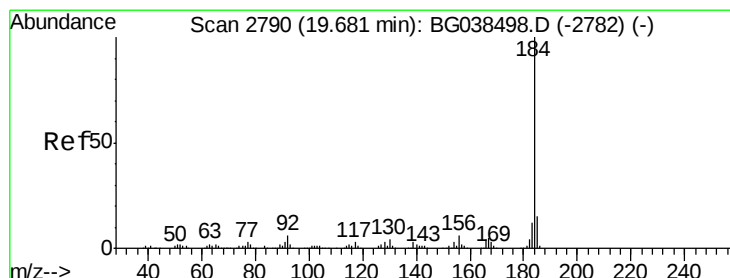
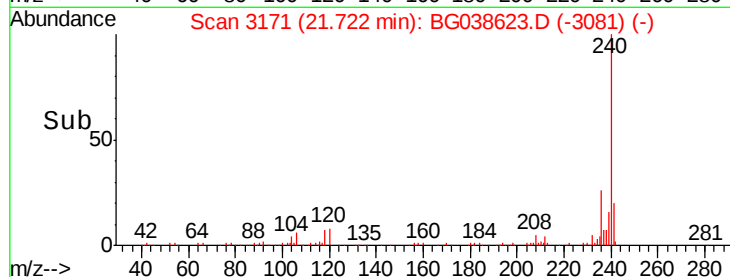
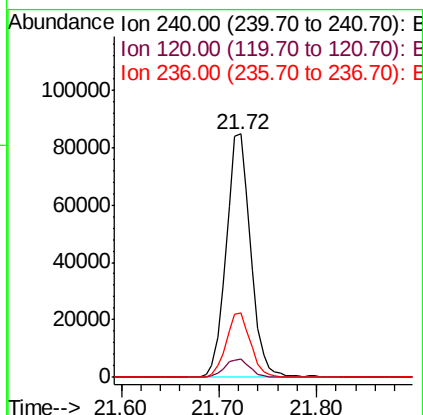
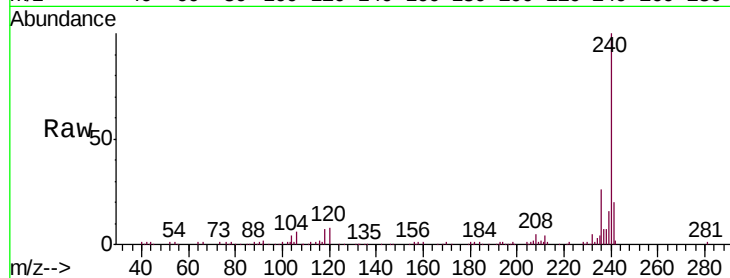




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

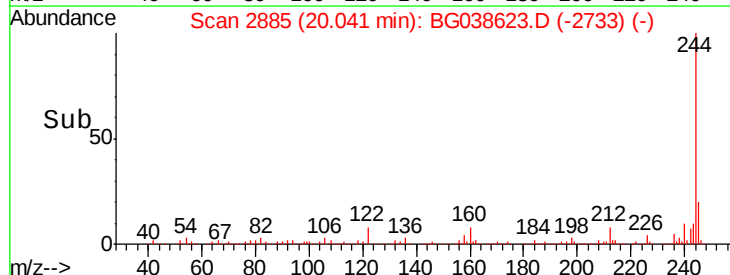
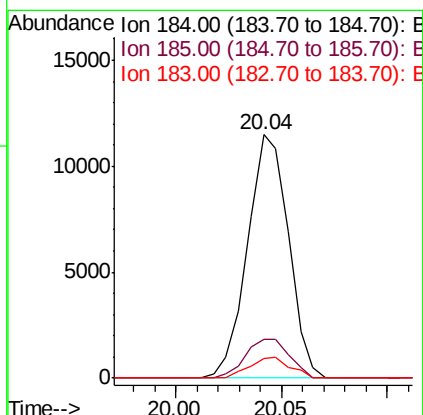
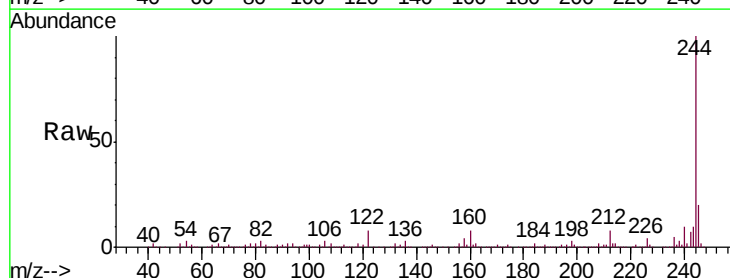
Instrument :
 BNA_G
 ClientSampled :
 SB-09A

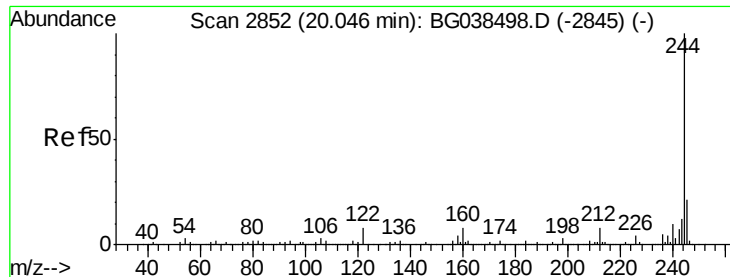
Tgt Ion:240 Resp: 146694
 Ion Ratio Lower Upper
 240 100
 120 7.5 5.3 7.9
 236 26.3 21.4 32.2



#77
 Benzidine
 Concen: 3.561 ng
 RT: 20.04 min Scan# 2885
 Delta R.T. 0.36 min
 Lab File: BG038623.D
 Acq: 16 Dec 2018 3:29

Tgt Ion:184 Resp: 15450
 Ion Ratio Lower Upper
 184 100
 185 16.1 12.2 18.2
 183 7.9 9.6 14.4#





#79

Terphenyl-d14

Concen: 123.988 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

Instrument :

BNA_G

ClientSampleId :

SB-09A

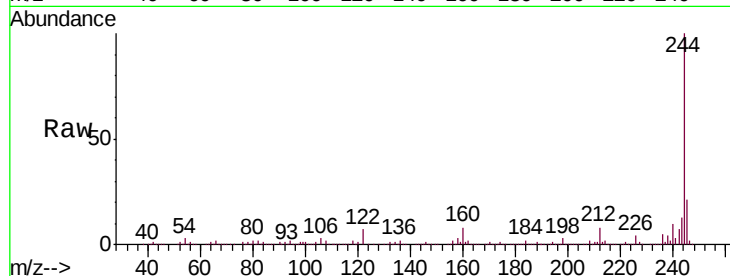
Tgt Ion:244 Resp: 835729

Ion Ratio Lower Upper

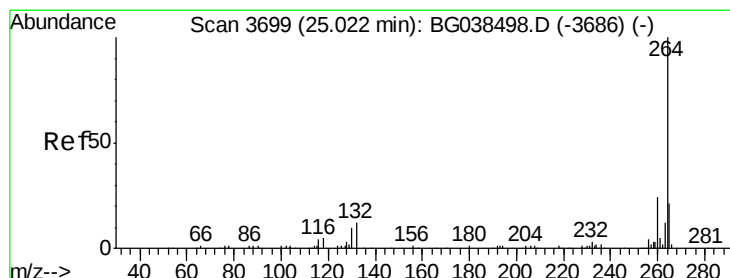
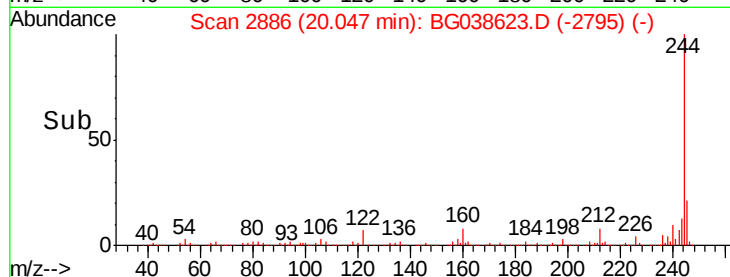
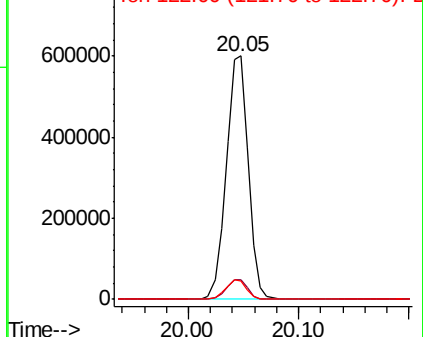
244 100

212 8.1 6.2 9.2

122 7.3 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038623.D

Acq: 16 Dec 2018 3:29

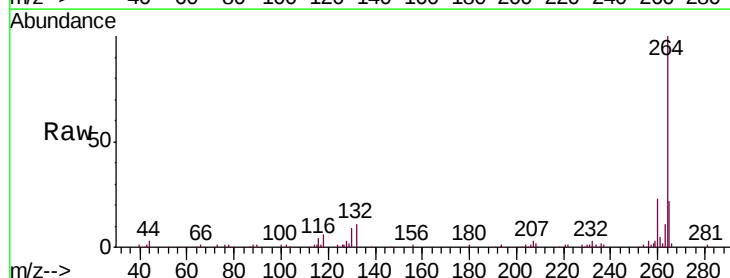
Tgt Ion:264 Resp: 154783

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.7 17.0 25.4



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

