

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038677.D
 Acq On : 18 Dec 2018 00:58
 Operator : JU/SJ
 Sample : J6378-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0006-01

Quant Time: Dec 18 03:45:59 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

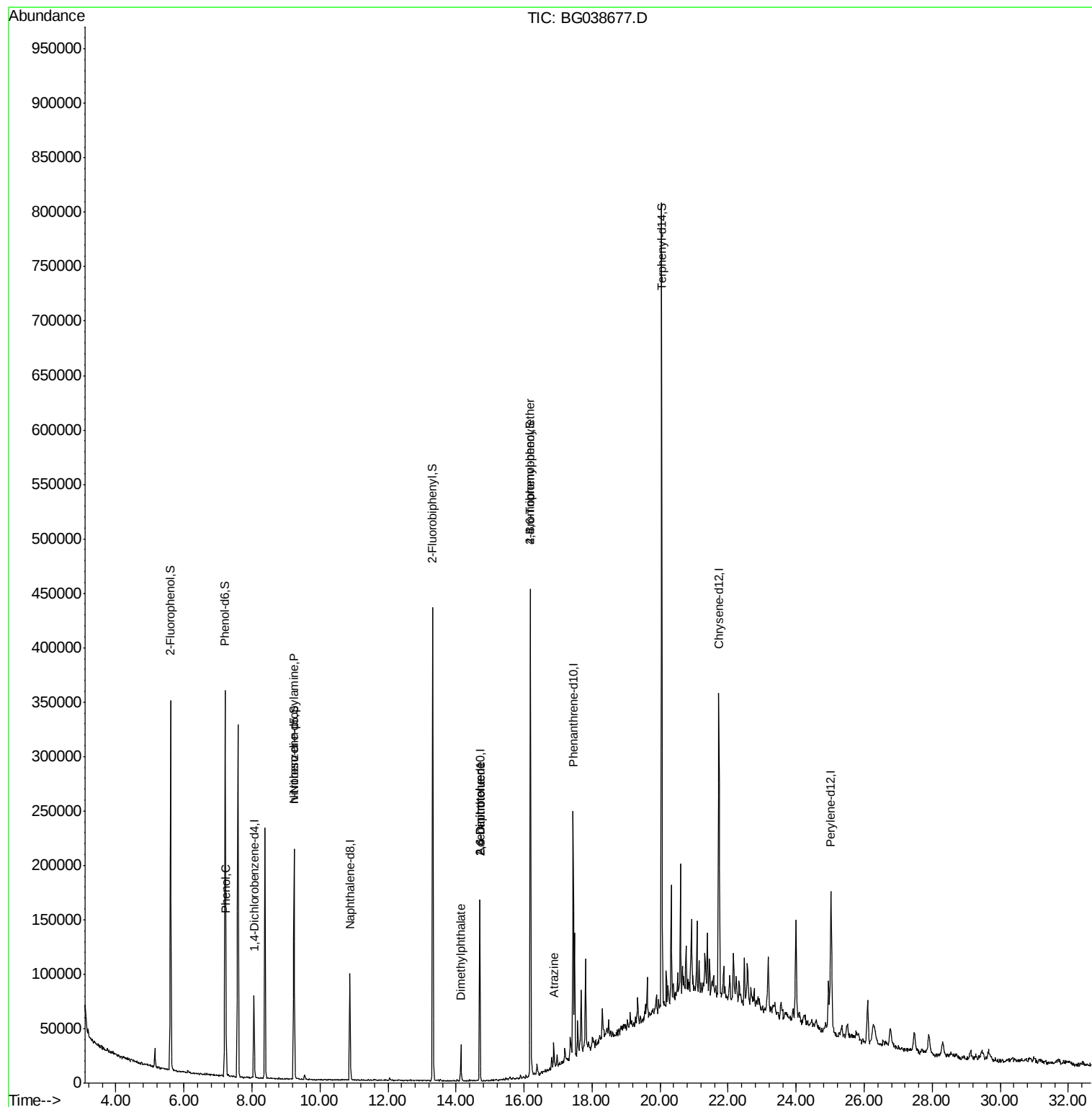
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20800	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	90013	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58980	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	139629	20.00	ng	0.00
76) Chrysene-d12	21.72	240	137564	20.00	ng	0.00
87) Perylene-d12	25.02	264	149980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141002	120.23	ng	0.00
7) Phenol-d6	7.21	99	191984	119.25	ng	0.00
23) Nitrobenzene-d5	9.23	82	123438	70.06	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	87602	107.77	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	238297	55.43	ng	0.00
79) Terphenyl-d14	20.05	244	343751	54.38	ng	0.00
Target Compounds						
10) Phenol	7.24	94	13904	8.129	ng	85
19) n-Nitroso-di-n-propylamine	9.23	70	17620	15.583	ng	# 70
50) Dimethylphthalate	14.14	163	25174	5.227	ng	98
51) 2,6-Dinitrotoluene	14.69	165	7664	7.022	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	7664	4.985	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	5569	3.266	ng	# 1
69) Atrazine	16.87	200	4405	2.893	ng	# 33

(#) = 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: BG038677.D

Acq: 18 Dec 2018 00:58

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0006-01

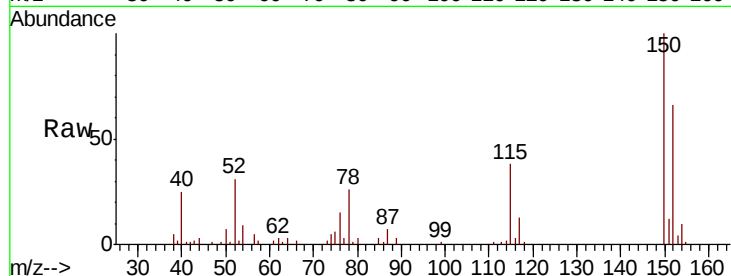
Tgt Ion:152 Resp: 20800

Ion Ratio Lower Upper

152 100

150 151.4 119.5 179.3

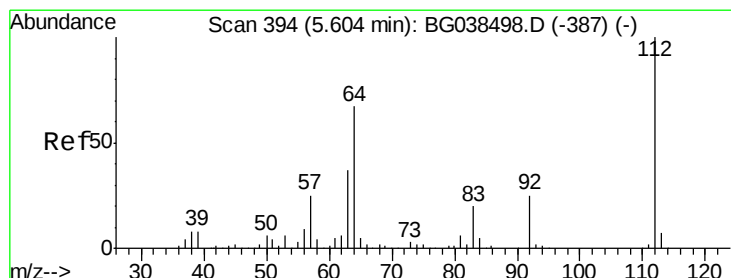
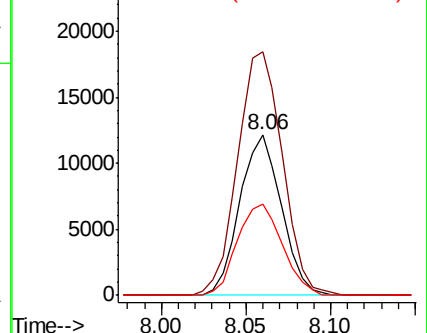
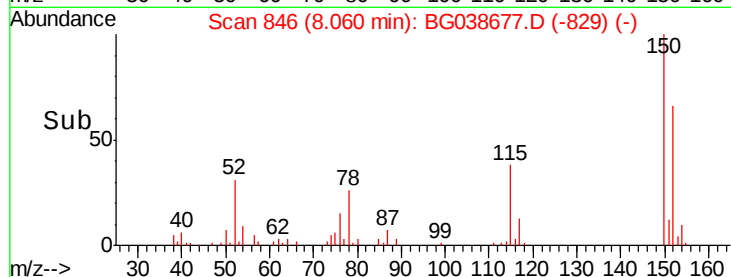
115 57.1 49.6 74.4



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: 120.235 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038677.D

Acq: 18 Dec 2018 00:58

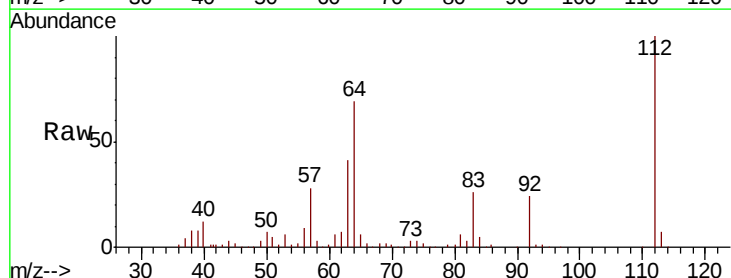
Tgt Ion:112 Resp: 141002

Ion Ratio Lower Upper

112 100

64 68.7 53.4 80.2

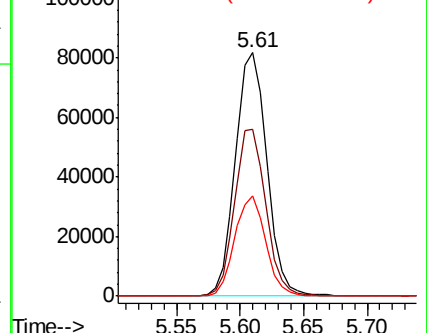
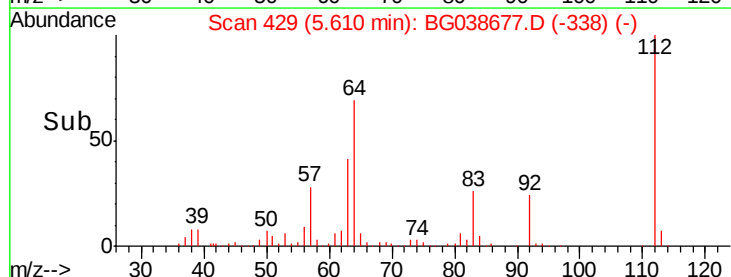
63 41.0 29.3 43.9



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: 119.251 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038677.D

Acq: 18 Dec 2018 00:58

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0006-01

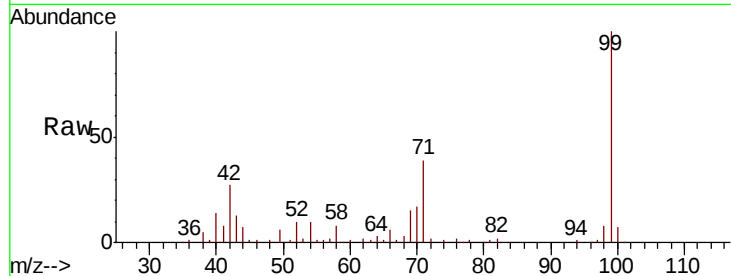
Tgt Ion: 99 Resp: 191984

Ion Ratio Lower Upper

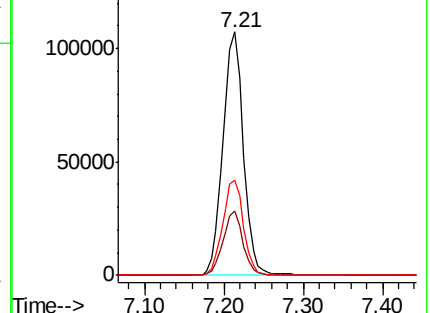
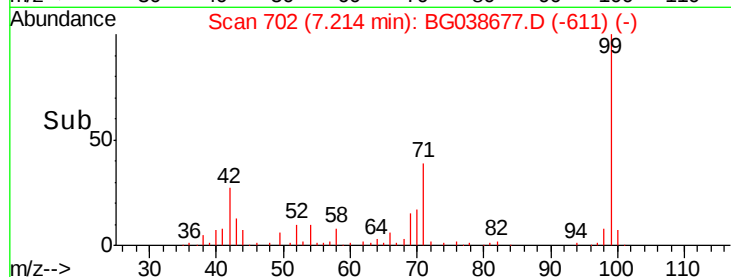
99 100

42 26.7 18.5 27.7

71 38.9 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



#10

Phenol

Concen: 8.129 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038677.D

Acq: 18 Dec 2018 00:58

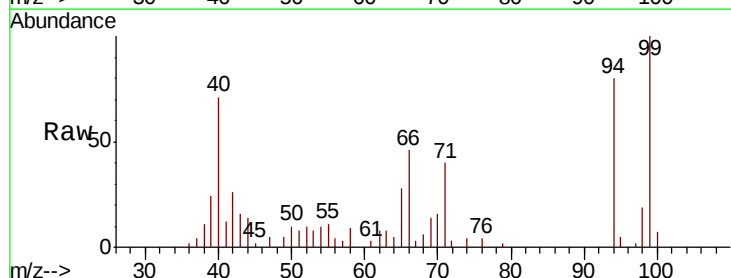
Tgt Ion: 94 Resp: 13904

Ion Ratio Lower Upper

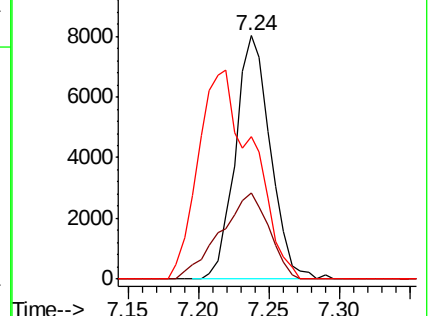
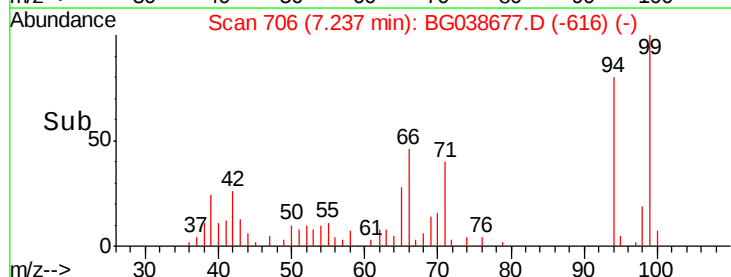
94 100

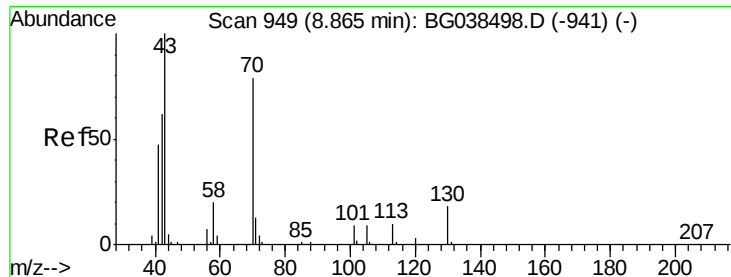
65 35.4 12.6 52.6

66 58.3 24.1 64.1



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

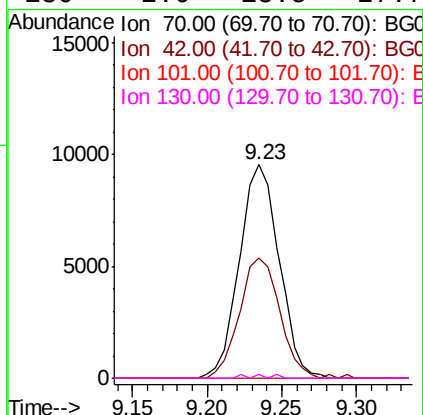
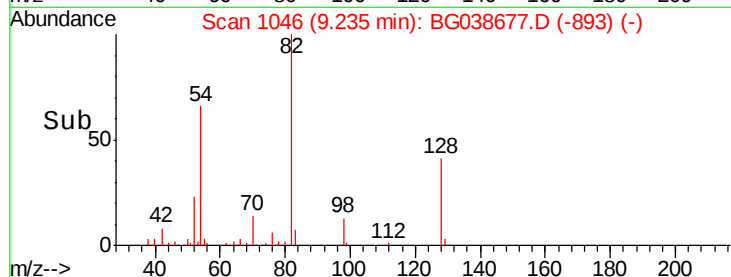
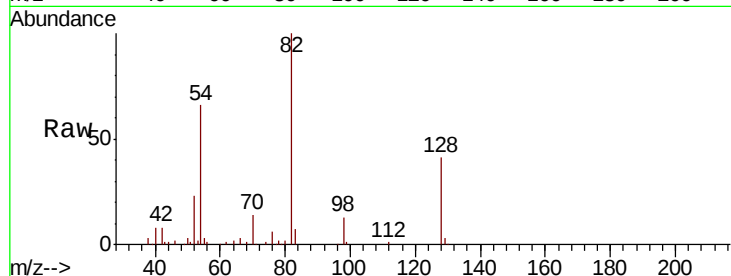




#19
n-Nitroso-di-n-propylamine
Concen: 15.583 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

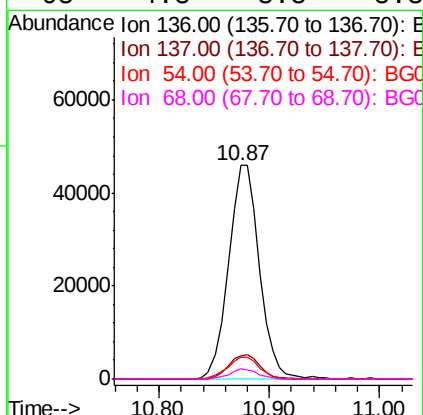
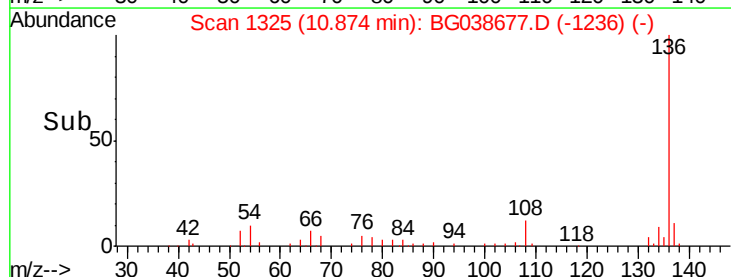
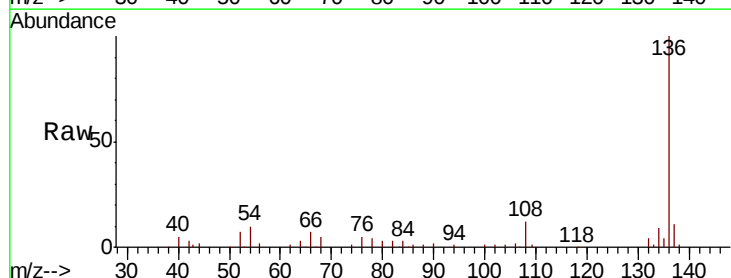
Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

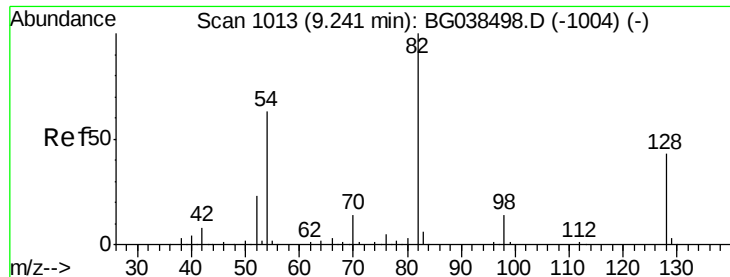
Tgt Ion: 70 Resp: 17620
Ion Ratio Lower Upper
70 100
42 56.6 63.6 95.4#
101 0.0 9.2 13.8#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion: 136 Resp: 90013
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 10.3 8.5 12.7
68 4.8 3.5 5.3

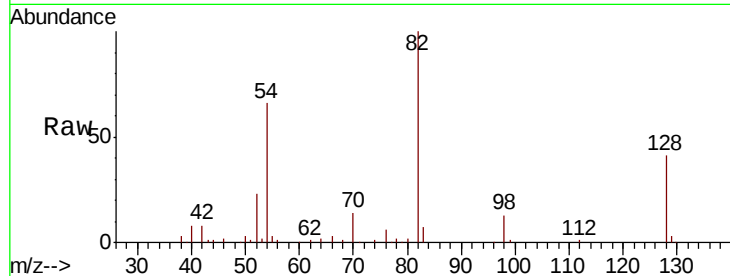




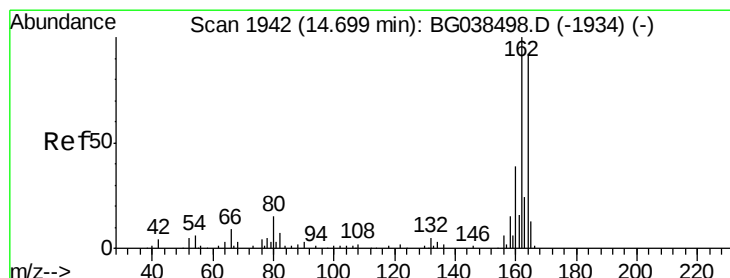
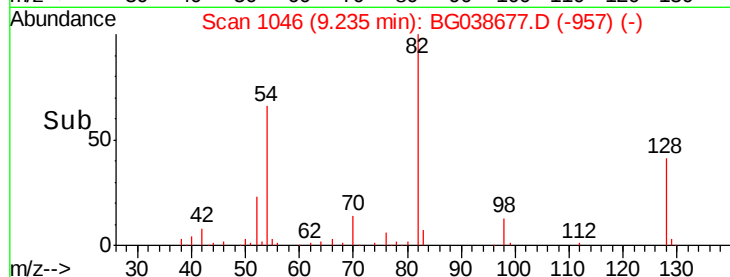
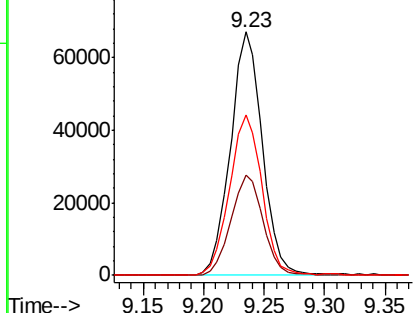
#23
Nitrobenzene-d5
Concen: 70.058 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion: 82 Resp: 123438
Ion Ratio Lower Upper
82 100
128 41.1 34.6 52.0
54 66.1 50.6 76.0

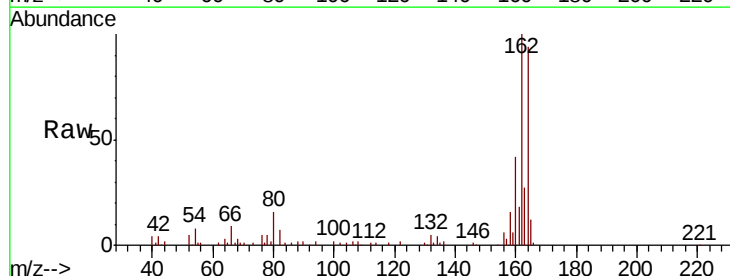


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

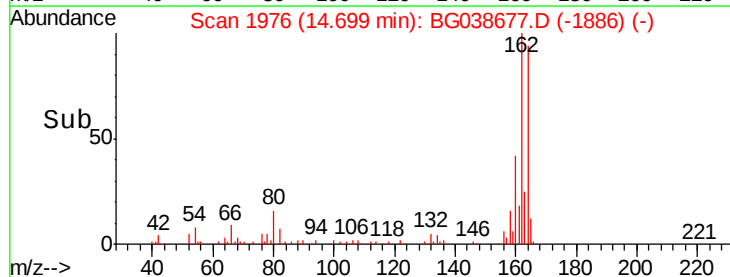
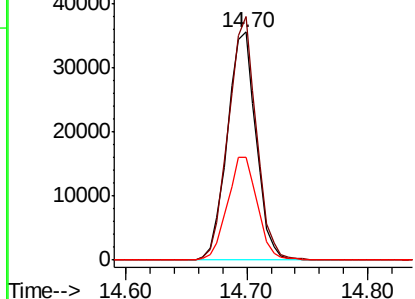


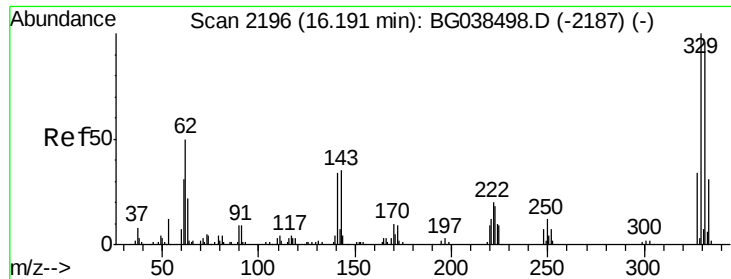
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:164 Resp: 58980
Ion Ratio Lower Upper
164 100
162 106.7 86.6 130.0
160 44.9 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

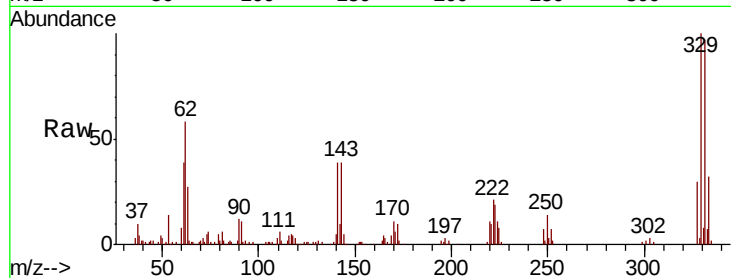




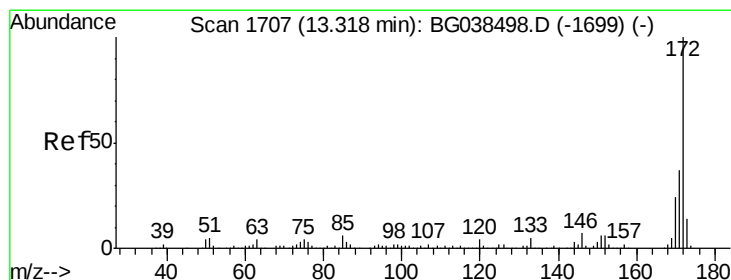
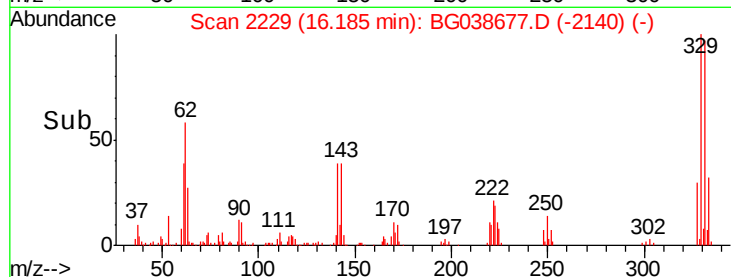
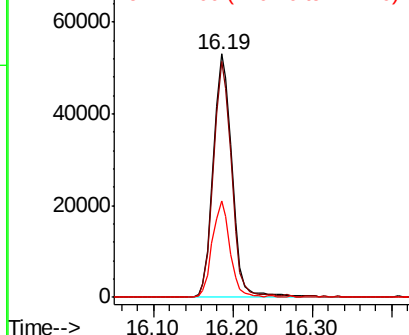
#42
 2,4,6-Tribromophenol
 Concen: 107.771 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038677.D
 Acq: 18 Dec 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0006-01

Tgt Ion:330 Resp: 87602
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.9 115.3
 141 37.5 28.8 43.2

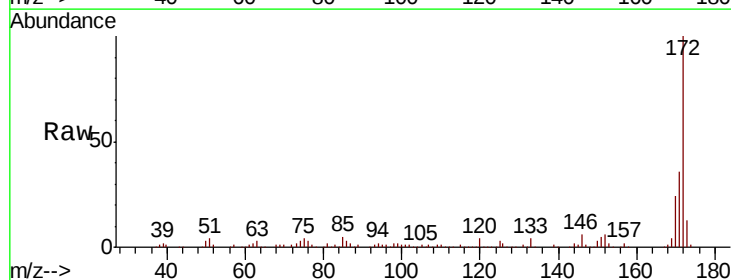


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

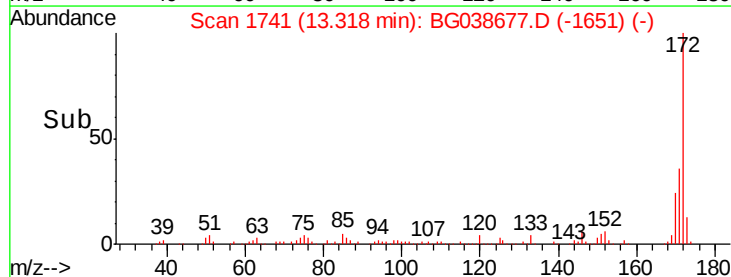
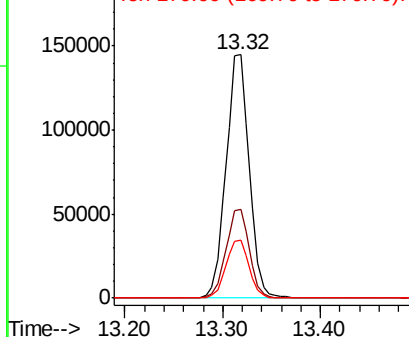


#45
 2-Fluorobiphenyl
 Concen: 55.427 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038677.D
 Acq: 18 Dec 2018 00:58

Tgt Ion:172 Resp: 238297
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.8 44.6
 170 23.8 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





#50

Dimethylphthalate

Concen: 5.227 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038677.D

Acq: 18 Dec 2018 00:58

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0006-01

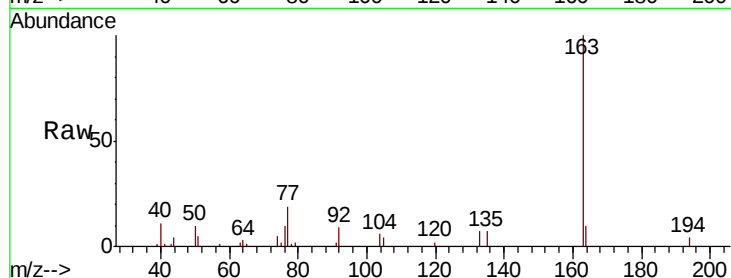
Tgt Ion:163 Resp: 25174

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

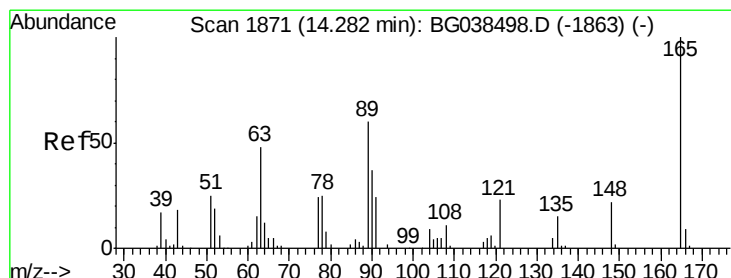
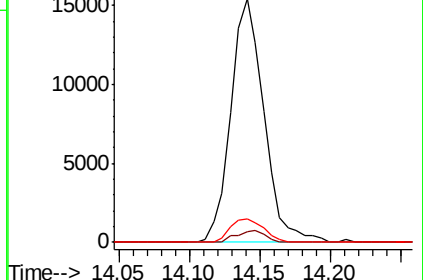
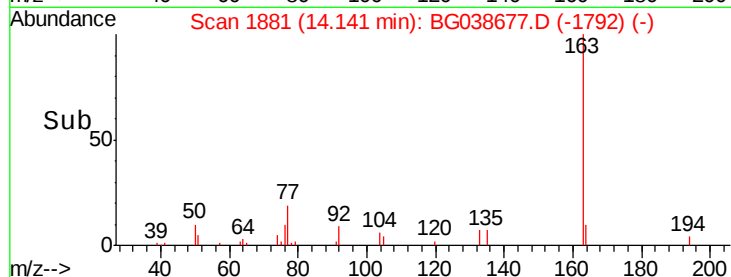
164 9.6 8.6 12.8



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: 7.022 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038677.D

Acq: 18 Dec 2018 00:58

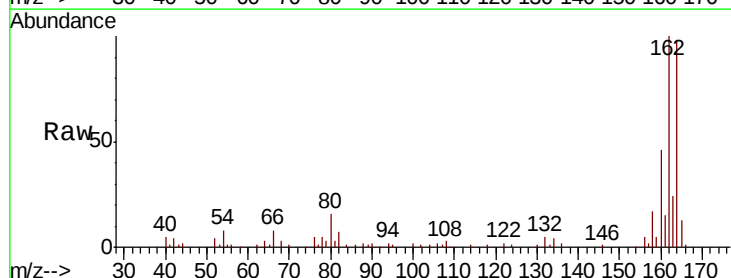
Tgt Ion:165 Resp: 7664

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

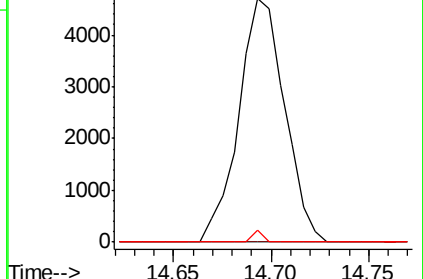
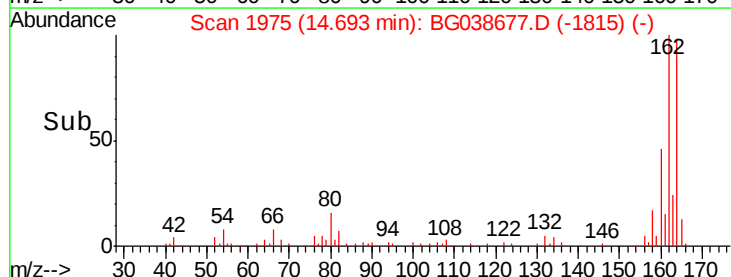
89 5.0 47.9 71.9#

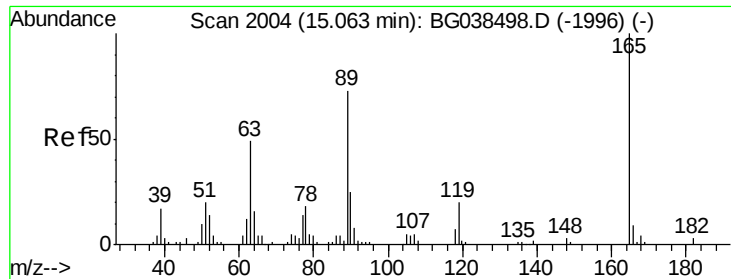


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

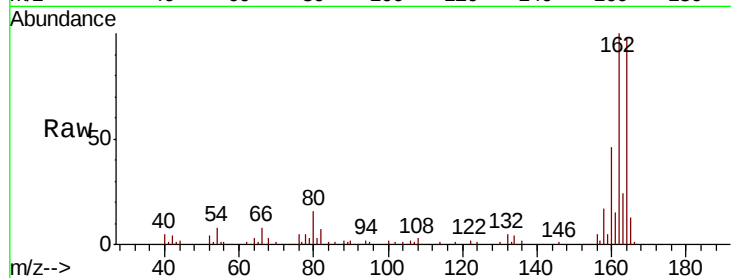




#57
 2,4-Dinitrotoluene
 Concen: 4.985 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038677.D
 Acq: 18 Dec 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0006-01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	5.0	58.0	87.0#
182	0.0	2.3	3.5#

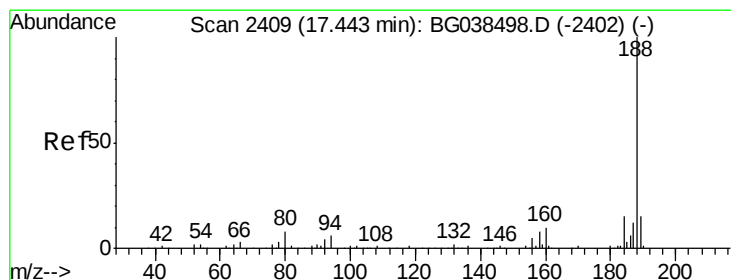
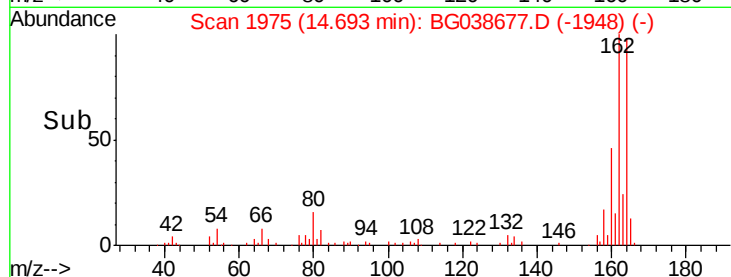
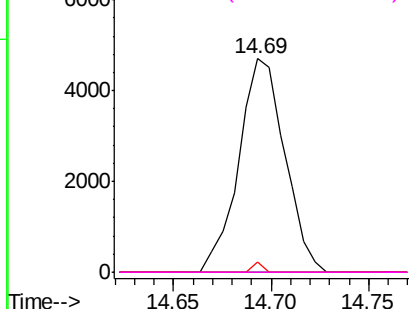


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

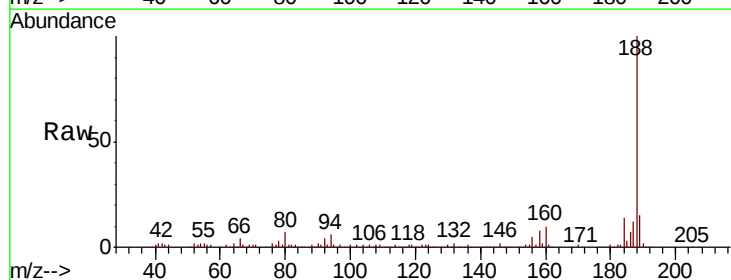
Ion 89.00 (88.70 to 89.70): BGC

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: BG038677.D
 Acq: 18 Dec 2018 00:58

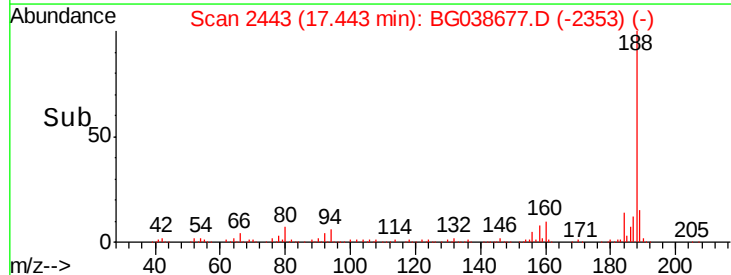
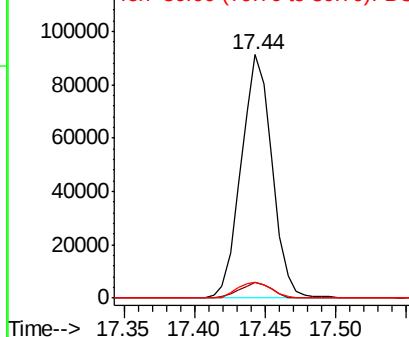
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.1	7.7
80	6.7	6.1	9.1

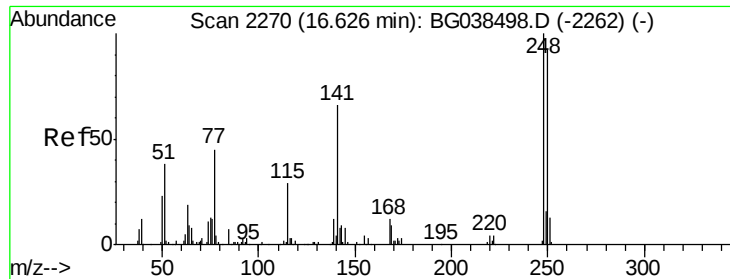


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

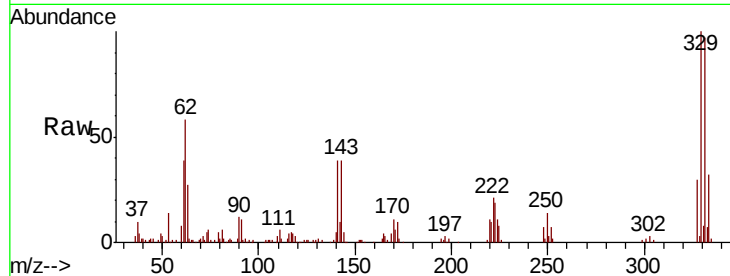




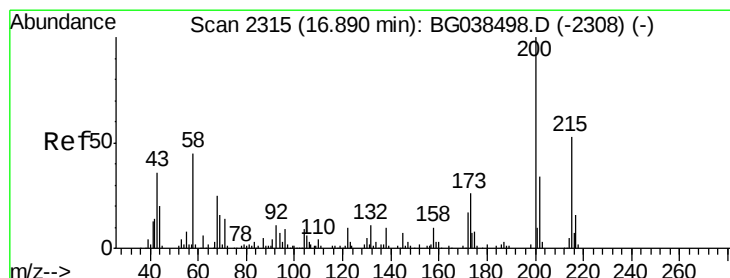
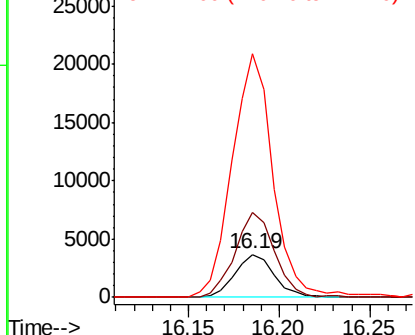
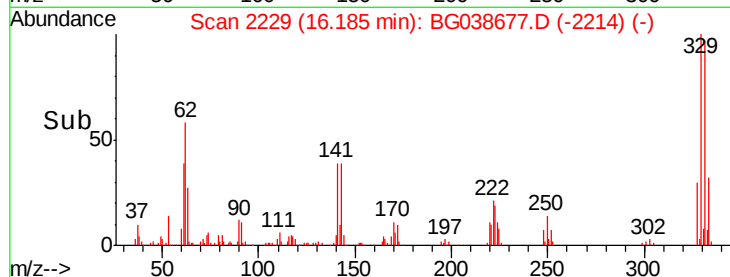
#67
 4-Bromophenyl-phenylether
 Concen: 3.266 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038677.D
 Acq: 18 Dec 2018 00:58

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0006-01

Tgt Ion:248 Resp: 5569
 Ion Ratio Lower Upper
 248 100
 250 189.8 73.4 110.2#
 141 433.9 52.9 79.3#

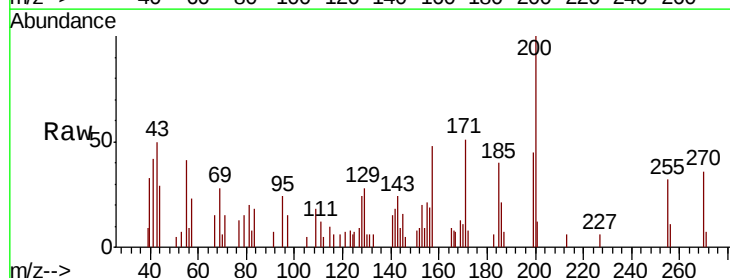


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

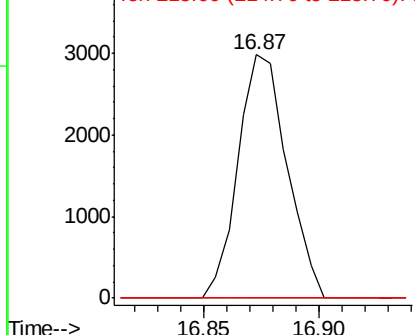
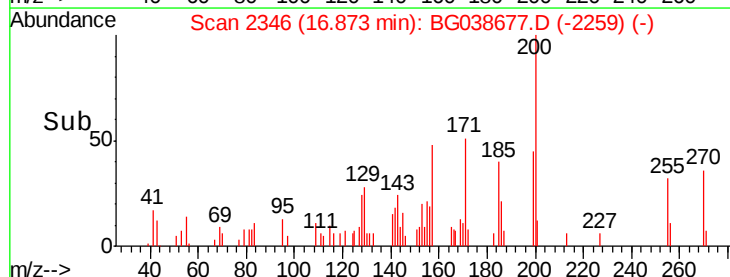


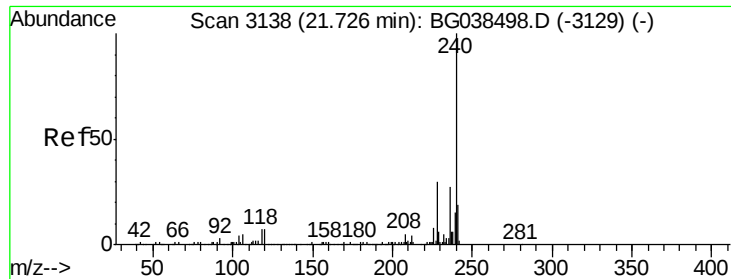
#69
 Atrazine
 Concen: 2.893 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG038677.D
 Acq: 18 Dec 2018 00:58

Tgt Ion:200 Resp: 4405
 Ion Ratio Lower Upper
 200 100
 173 0.0 5.9 45.9#
 215 0.0 33.1 73.1#



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

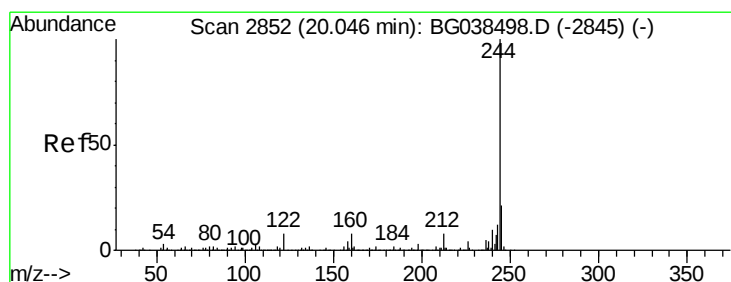
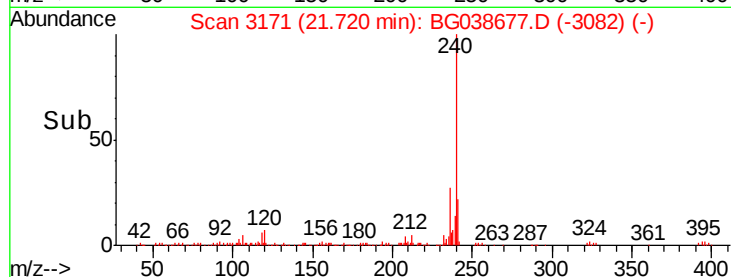
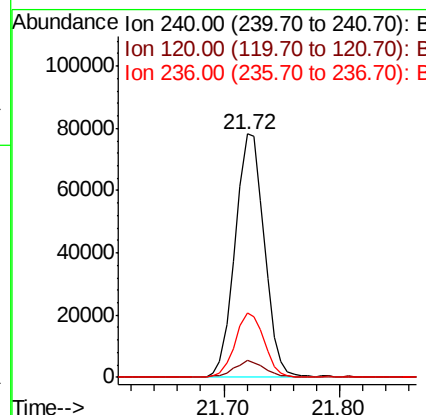
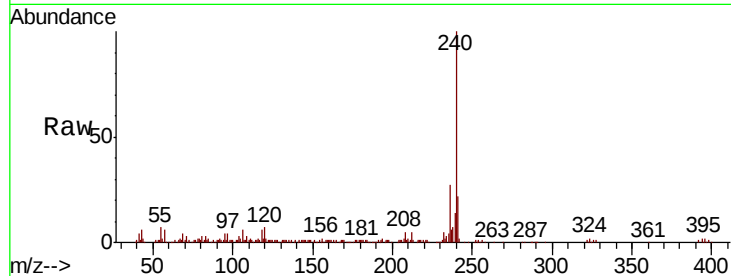




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

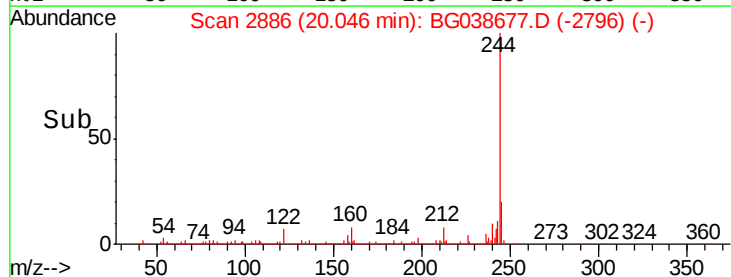
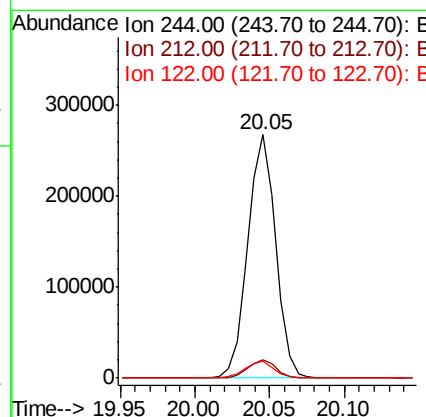
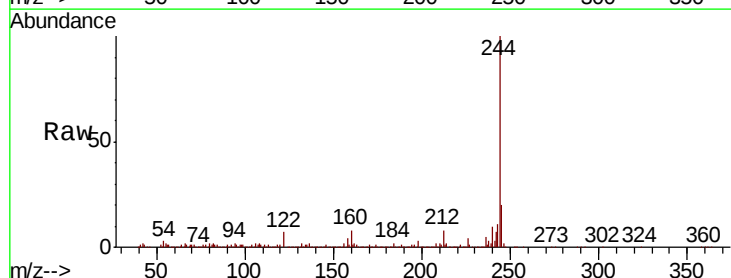
Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

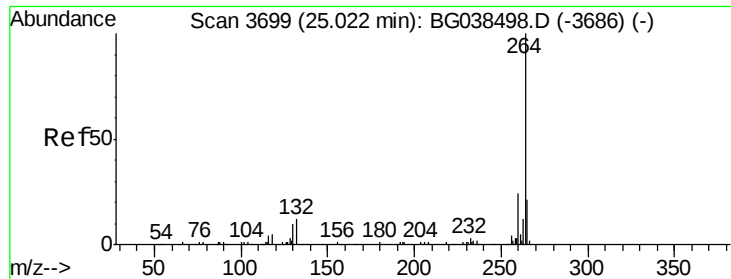
Tgt Ion:240 Resp: 137564
Ion Ratio Lower Upper
240 100
120 7.1 5.3 7.9
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 54.383 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Tgt Ion:244 Resp: 343751
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.0 6.3 9.5





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038677.D
Acq: 18 Dec 2018 00:58

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0006-01

Tgt Ion:	264	Resp:	149980
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.9	28.3
265	20.1	17.0	25.4

