

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038886.D
 Acq On : 28 Dec 2018 23:06
 Operator : JU/SJ
 Sample : J6584-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 00:22:22 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	22788	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	98102	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	72112	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	178098	20.00	ng	0.00
76) Chrysene-d12	21.72	240	184179	20.00	ng	0.00
87) Perylene-d12	25.02	264	200752	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	180286	140.32	ng	0.01
7) Phenol-d6	7.22	99	225717	127.97	ng	0.01
23) Nitrobenzene-d5	9.23	82	183585	95.60	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	130145	130.95	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	521278	99.17	ng	0.00
79) Terphenyl-d14	20.05	244	929602	109.85	ng	0.00

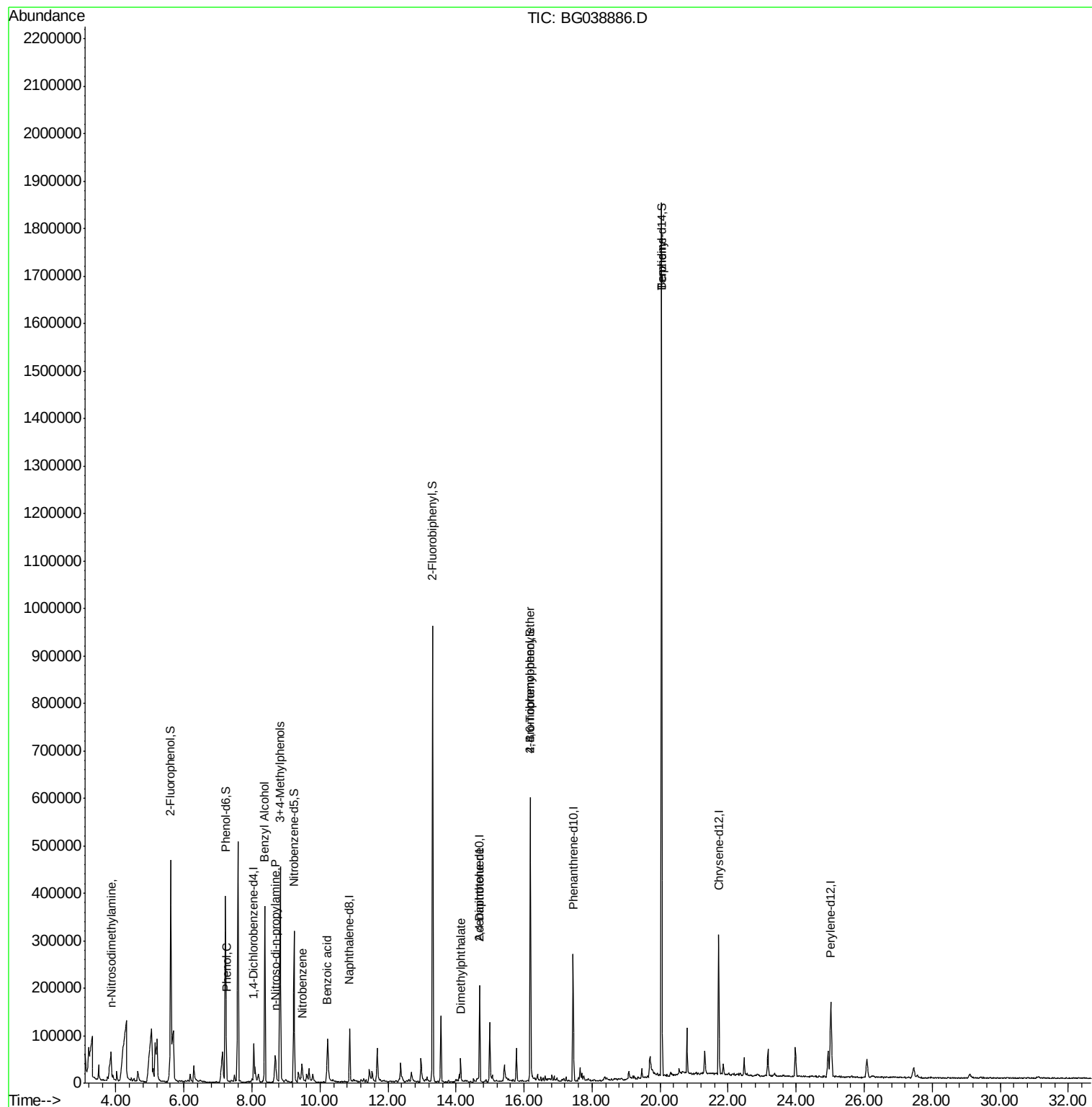
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.86	42	9198	11.402	ng	# 6
10) Phenol	7.25	94	16094	8.589	ng	# 90
15) Benzyl Alcohol	8.37	79	3171	2.303	ng	# 56
19) n-Nitroso-di-n-propylamine	8.69	70	4326	3.492	ng	# 52
20) 3+4-Methylphenols	8.83	107	208321	120.150	ng	# 90
24) Nitrobenzene	9.47	77	6193	3.188	ng	# 44
32) Benzoic acid	10.21	122	169	10.311	ng	# 57
50) Dimethylphthalate	14.14	163	34050	5.782	ng	# 99
57) 2,4-Dinitrotoluene	14.69	165	9511	5.060	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8055	3.703	ng	# 1
77) Benzidine	20.05	184	16106	2.957	ng	# 94

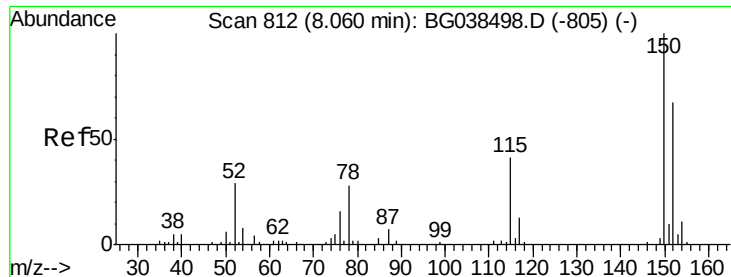
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
Data File : BG038886.D
Acq On : 28 Dec 2018 23:06
Operator : JU/SJ
Sample : J6584-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 29 00:22:22 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampled :

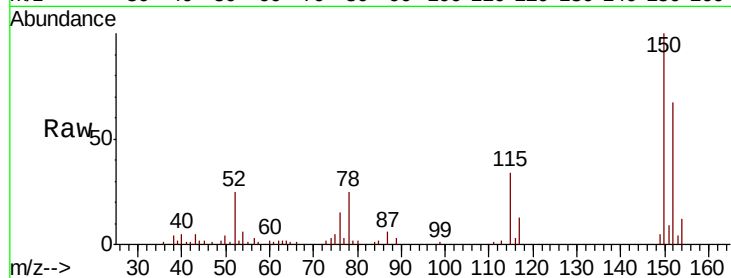
Tot Ion:152 Resp: 22788

Ion Ratio Lower Upper

152 100

150 148.9 119.5 179.3

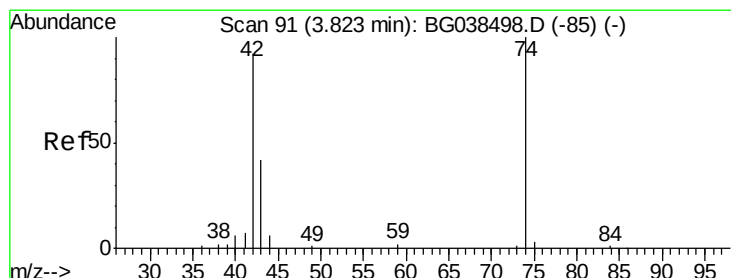
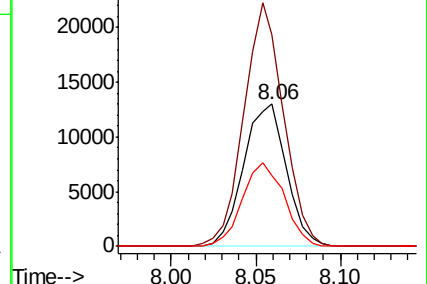
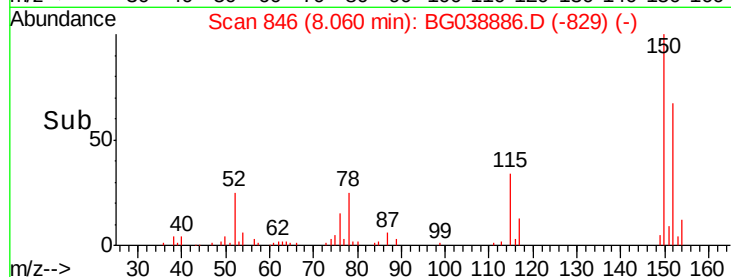
115 50.3 49.6 74.4



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



#4

n-Nitrosodimethylamine

Concen: 11.402 ng

RT: 3.86 min Scan# 132

Delta R.T. 0.04 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

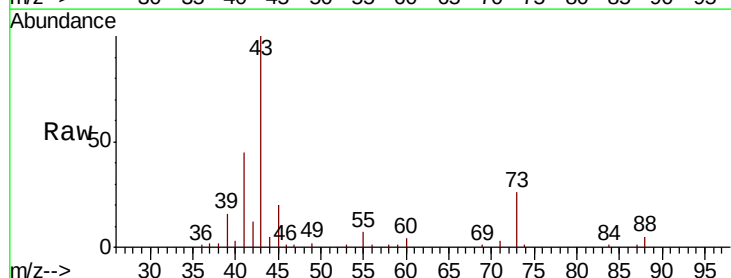
Tgt Ion: 42 Resp: 9198

Ion Ratio Lower Upper

42 100

74 8.9 86.7 130.1#

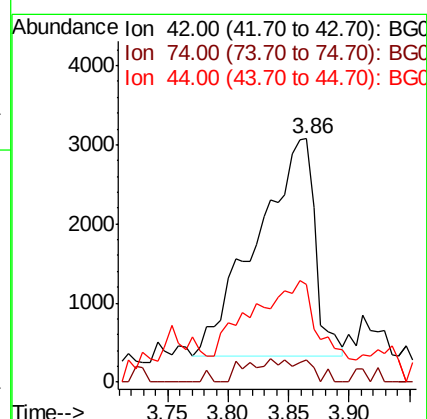
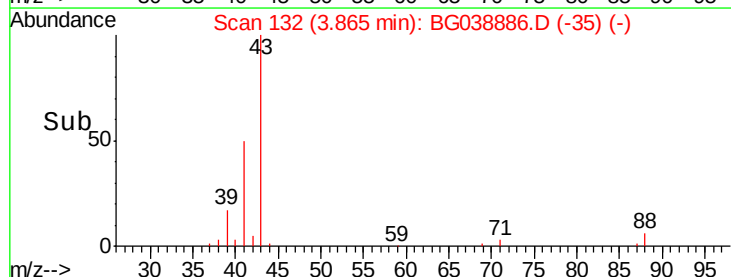
44 40.2 7.8 11.8#

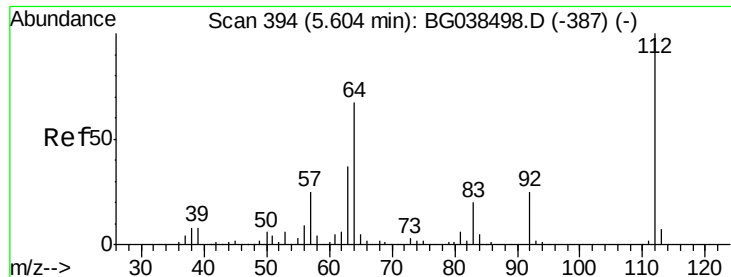


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 140.321 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampled :

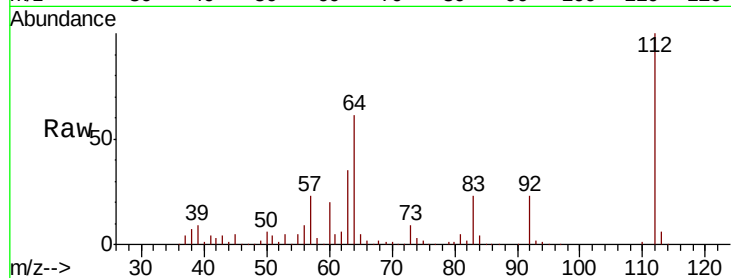
Tot Ion:112 Resp: 180286

Ion Ratio Lower Upper

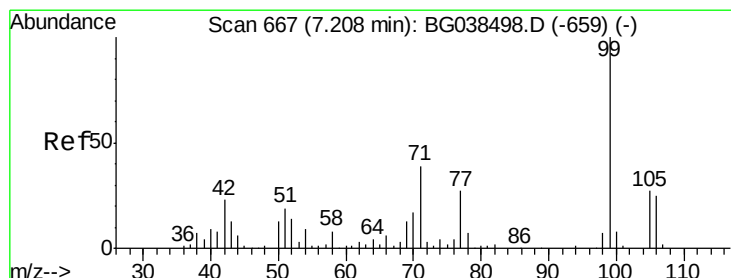
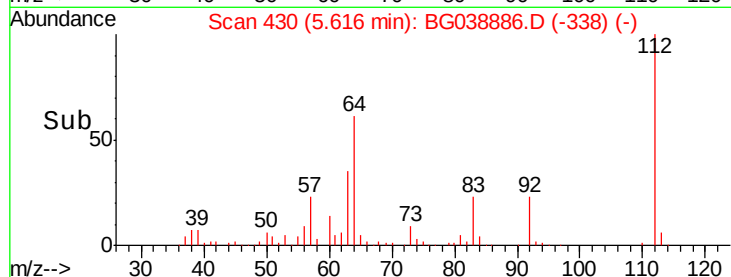
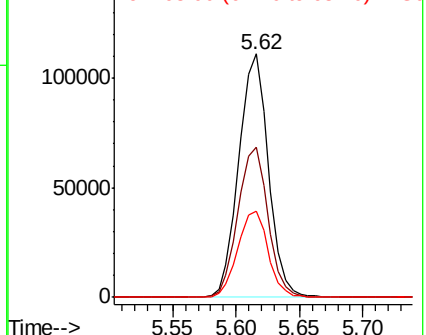
112 100

64 61.4 53.4 80.2

63 35.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 127.973 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

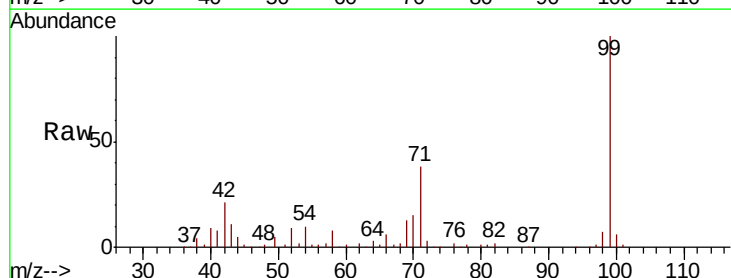
Tgt Ion: 99 Resp: 225717

Ion Ratio Lower Upper

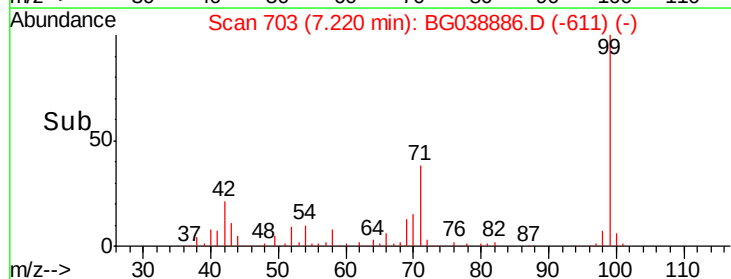
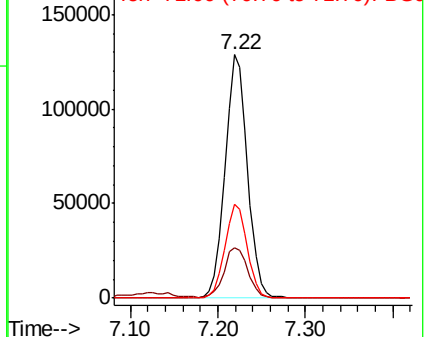
99 100

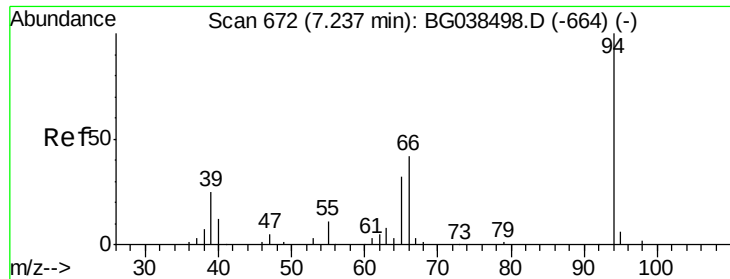
42 20.7 18.5 27.7

71 38.4 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: 8.589 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampled :

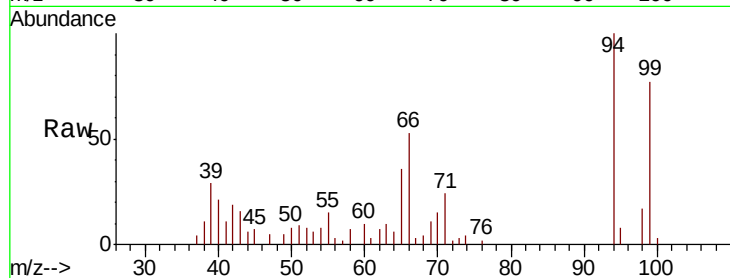
Tot Ion: 94 Resp: 16094

Ion Ratio Lower Upper

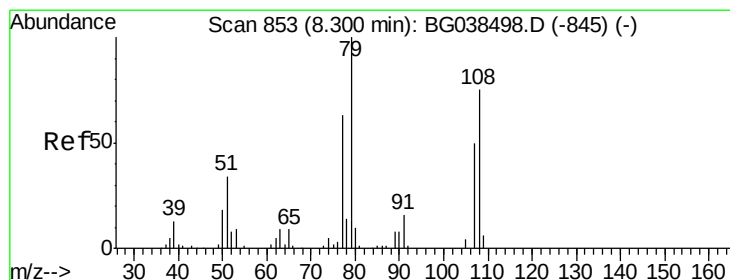
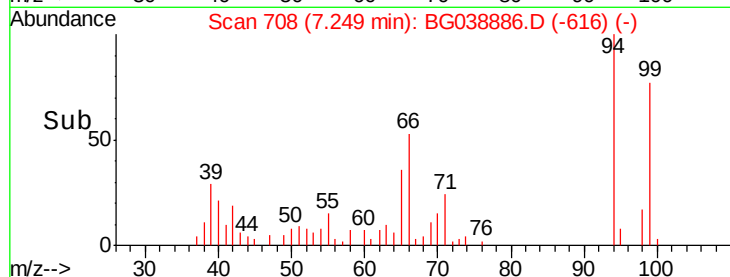
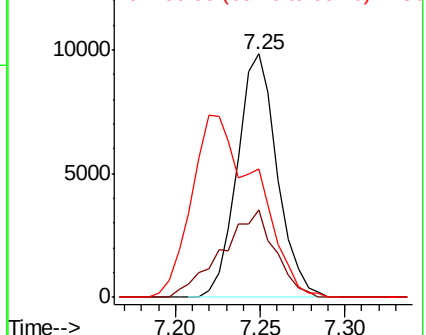
94 100

65 36.0 12.6 52.6

66 52.5 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



#15

Benzyl Alcohol

Concen: 2.303 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.07 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

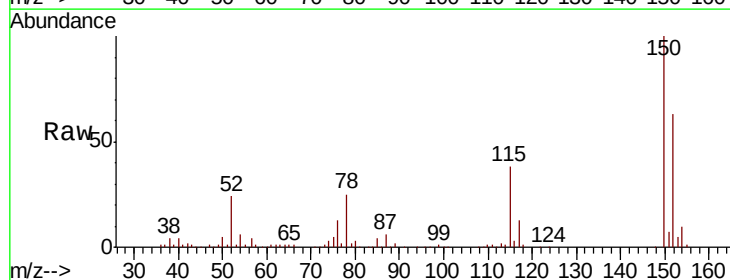
Tgt Ion: 79 Resp: 3171

Ion Ratio Lower Upper

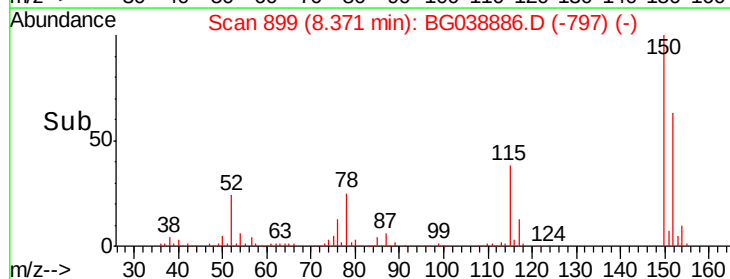
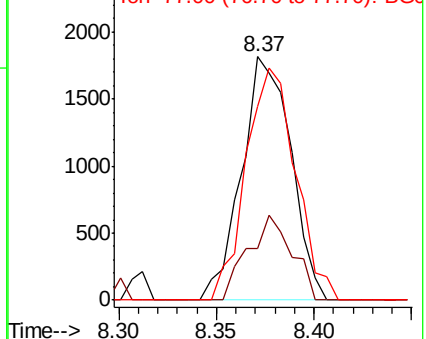
79 100

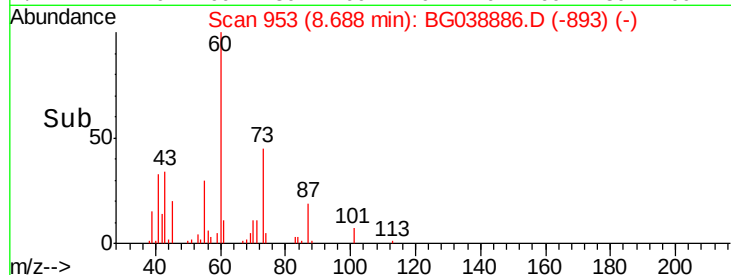
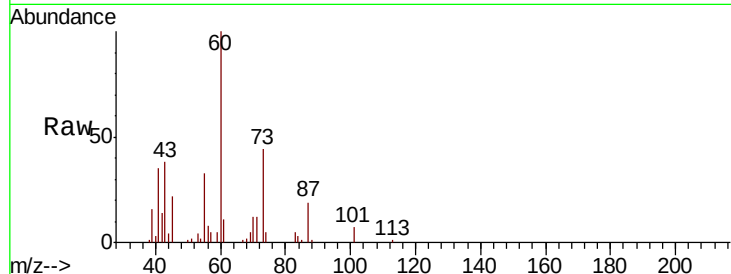
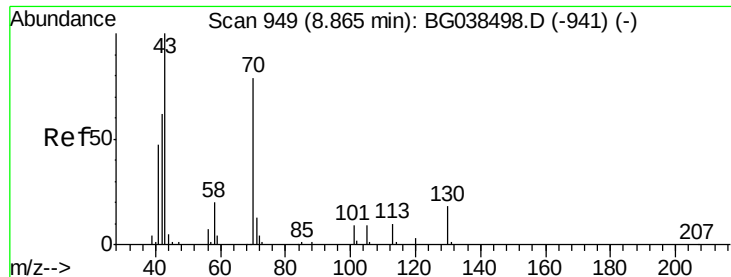
108 21.1 60.2 90.4#

77 79.6 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

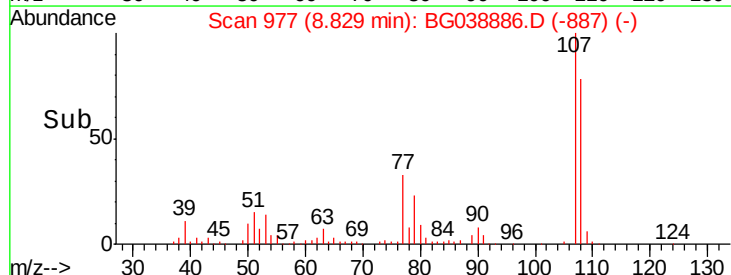
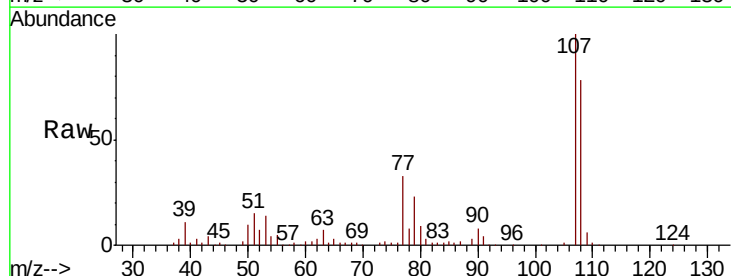
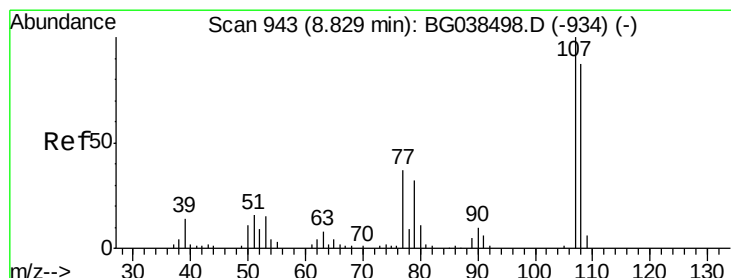
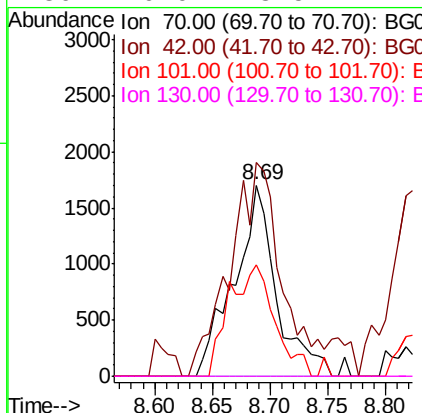




#19
n-Nitroso-di-n-propylamine
Concen: 3.492 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.18 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

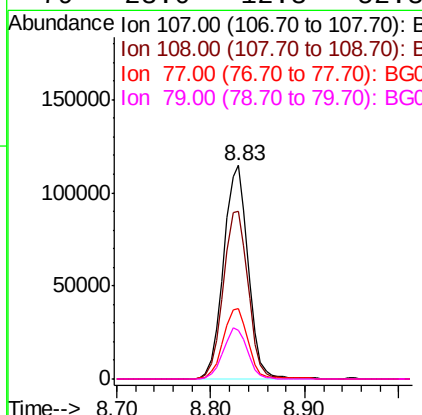
Instrument :
BNA_G
ClientSampleId :

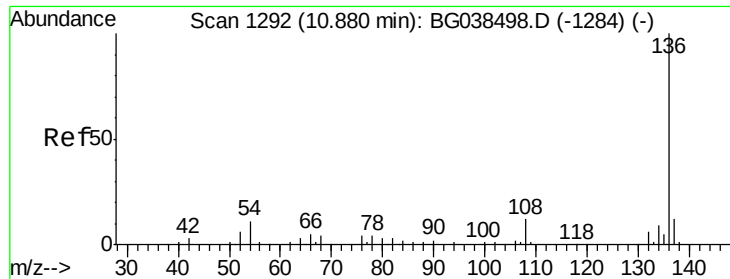
Tot Ion: 70 Resp: 4326
Ion Ratio Lower Upper
70 100
42 111.9 63.6 95.4#
101 58.6 9.2 13.8#
130 0.0 18.5 27.7#



#20
3+4-Methylphenols
Concen: 120.150 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Tgt Ion: 107 Resp: 208321
Ion Ratio Lower Upper
107 100
108 78.4 66.7 106.7
77 32.9 17.3 57.3
79 23.0 12.3 52.3

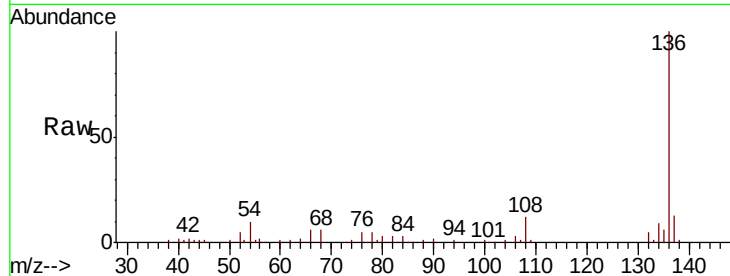




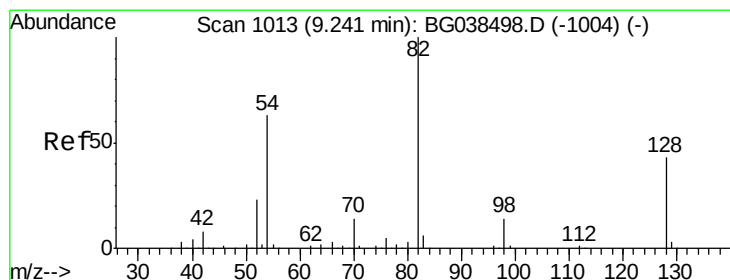
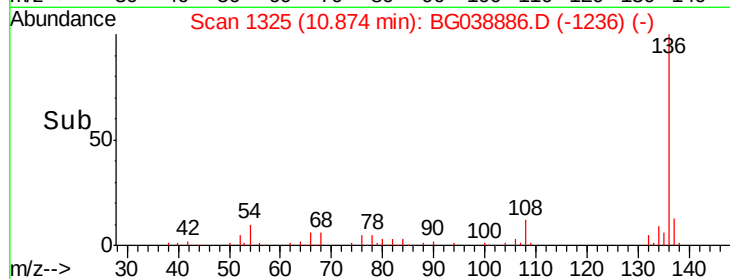
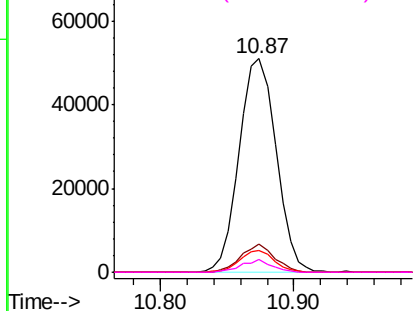
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	98102
Ion Ratio	Lower	Upper
136	100	
137	13.2	9.3 13.9
54	10.4	8.5 12.7
68	5.8	3.5 5.3#

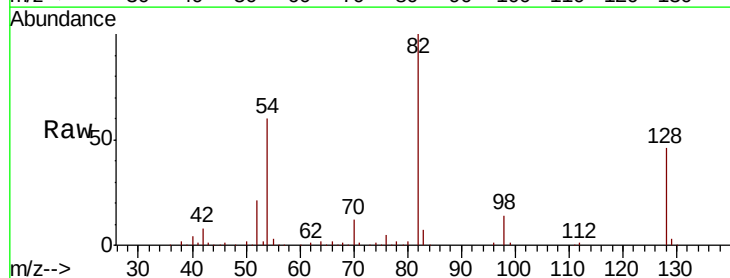


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

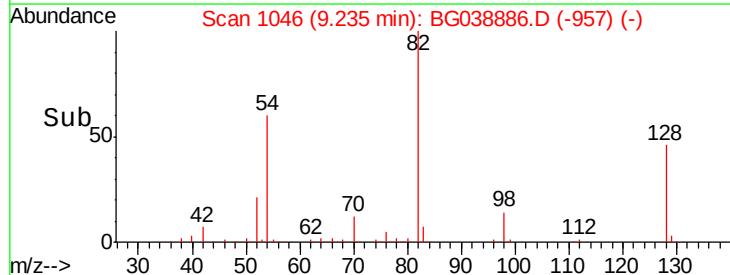
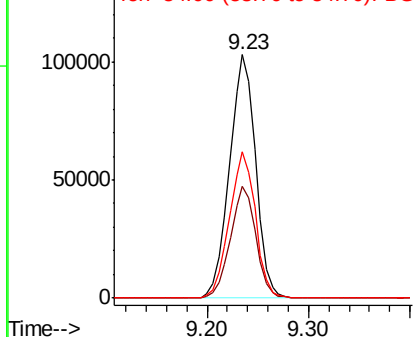


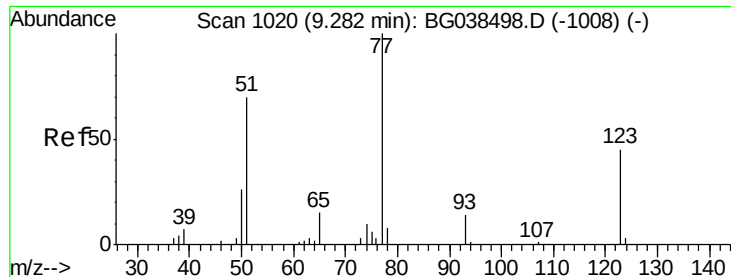
#23
Nitrobenzene-d5
Concen: 95.603 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Tgt Ion: 82	Resp:	183585
Ion Ratio	Lower	Upper
82	100	
128	45.7	34.6 52.0
54	60.2	50.6 76.0



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

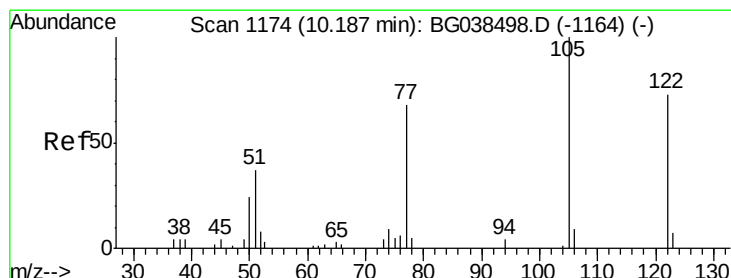
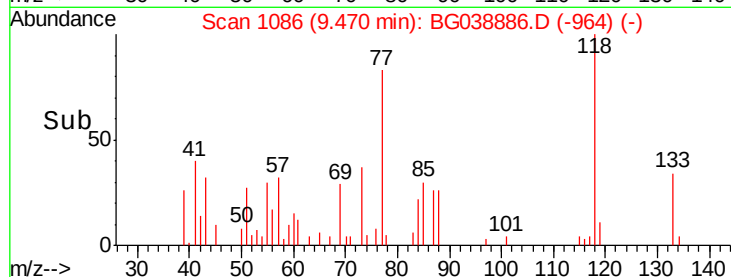
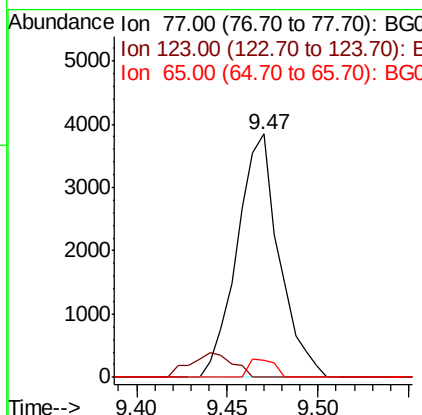
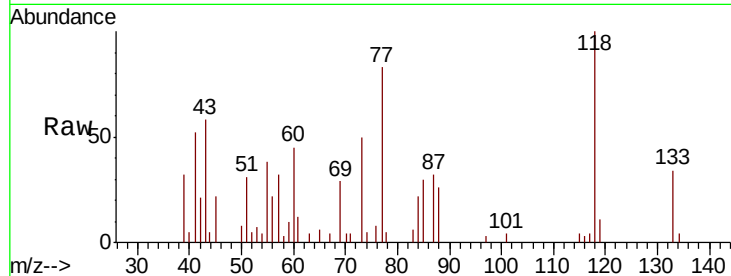




#24
 Nitrobenzene
 Concen: 3.188 ng
 RT: 9.47 min Scan# 1086
 Delta R.T. 0.19 min
 Lab File: BG038886.D
 Acq: 28 Dec 2018 23:06

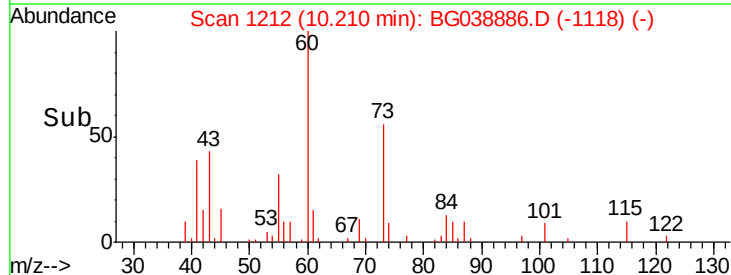
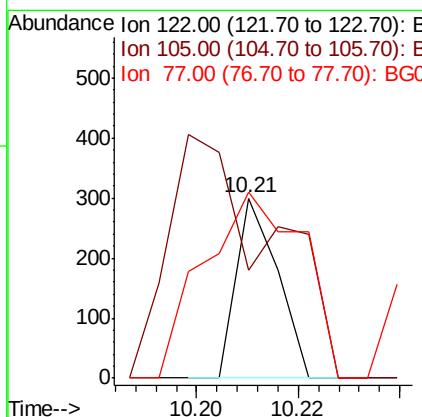
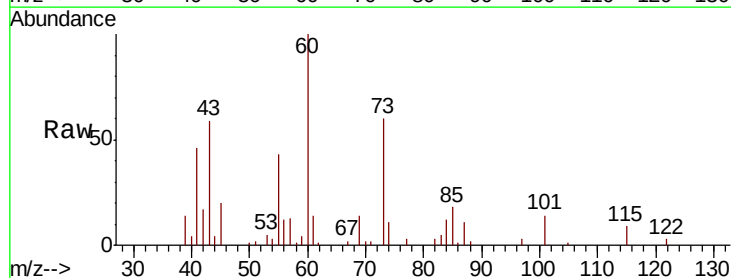
Instrument :
 BNA_G
 ClientSampled :

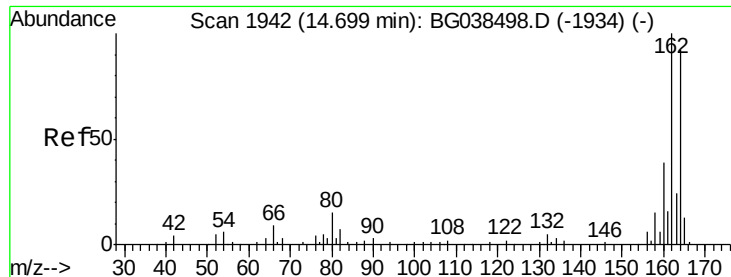
Tot Ion: 77 Resp: 6193
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 7.0 12.0 18.0#



#32
 Benzoic acid
 Concen: 10.311 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. 0.02 min
 Lab File: BG038886.D
 Acq: 28 Dec 2018 23:06

Tgt Ion: 122 Resp: 169
 Ion Ratio Lower Upper
 122 100
 105 59.7 116.7 156.7#
 77 103.0 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampleId :

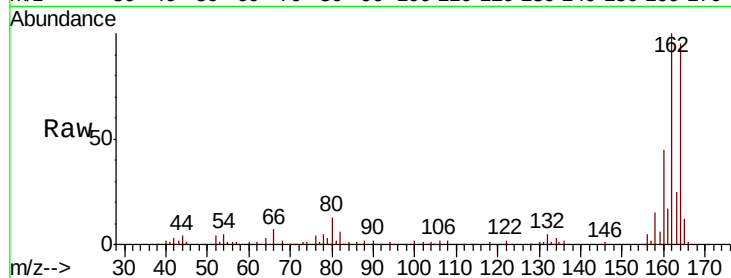
Tot Ion:164 Resp: 72112

Ion Ratio Lower Upper

164 100

162 105.7 86.6 130.0

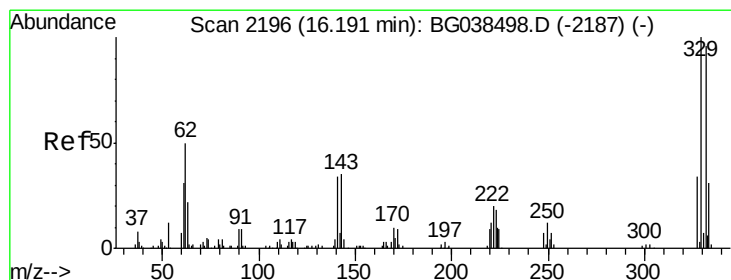
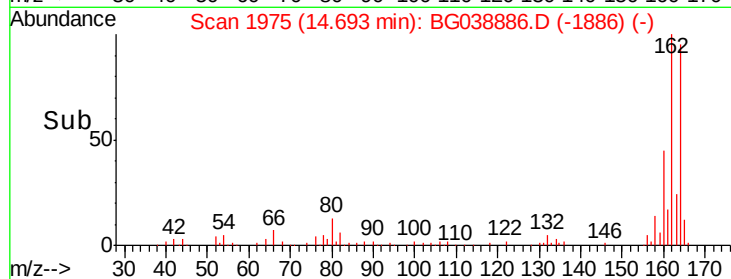
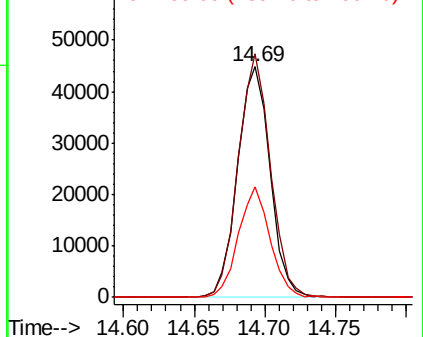
160 47.8 34.2 51.2



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: 130.953 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

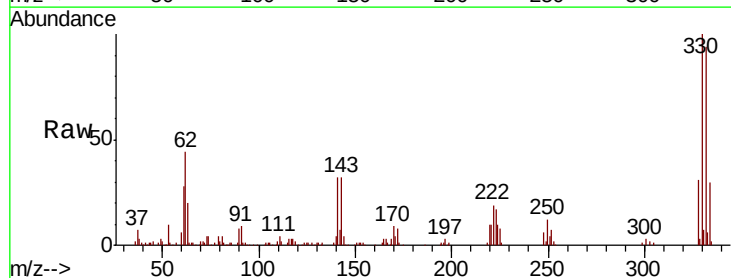
Tgt Ion:330 Resp: 130145

Ion Ratio Lower Upper

330 100

332 95.7 76.9 115.3

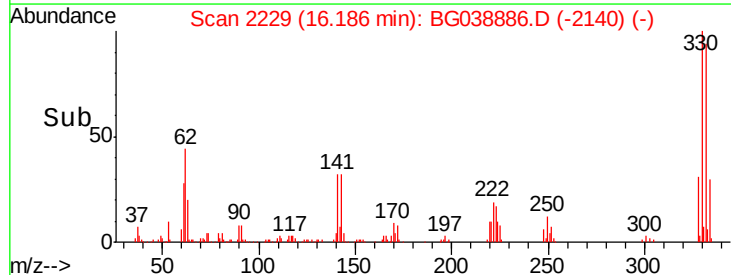
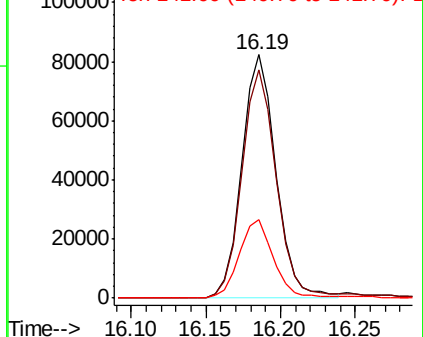
141 32.7 28.8 43.2

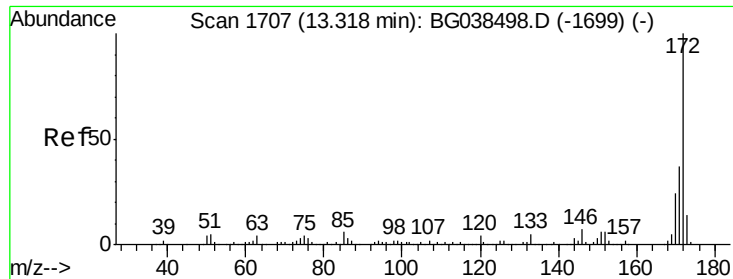


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

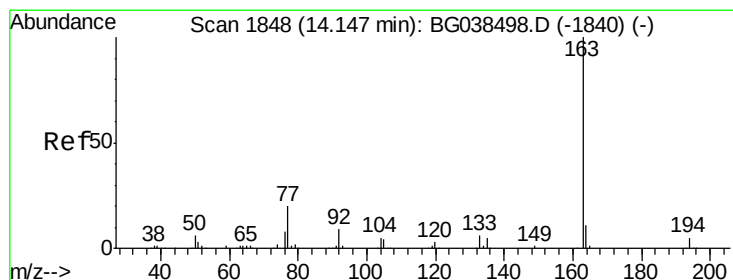
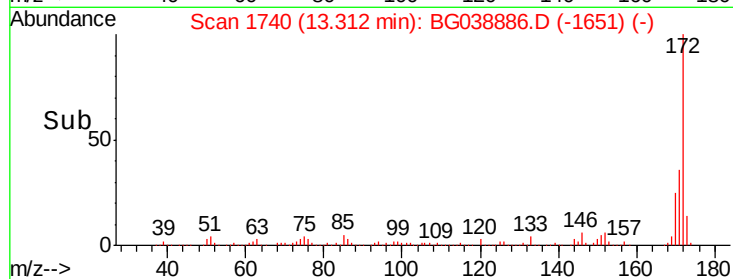
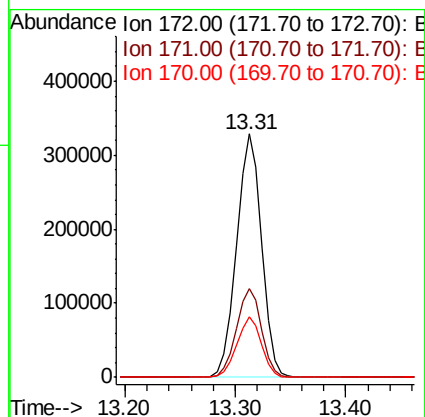
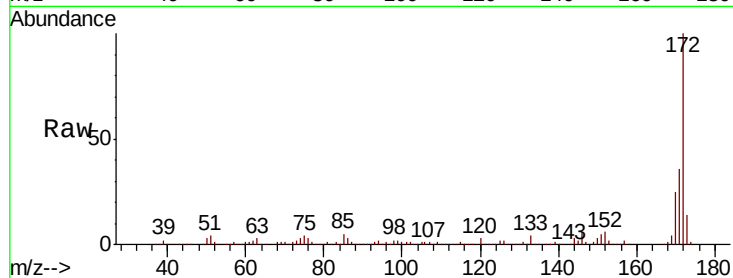




#45
2-Fluorobiphenyl
Concen: 99.167 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

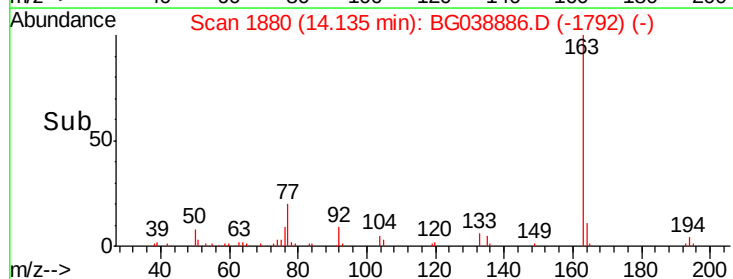
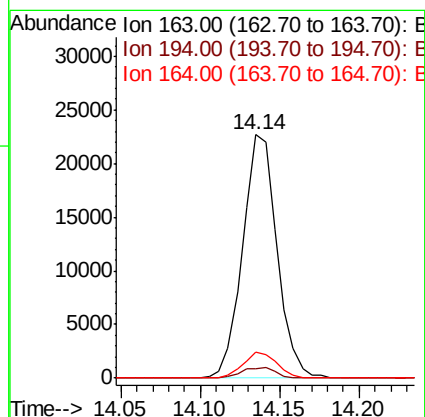
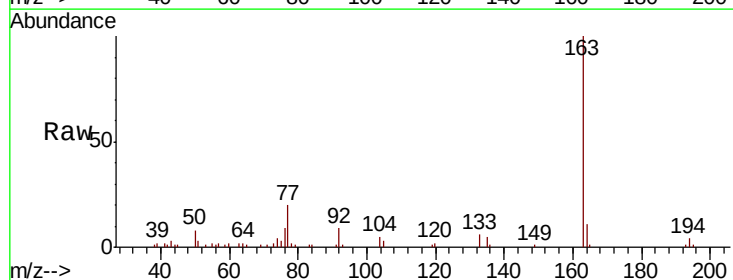
Instrument :
BNA_G
ClientSampled :

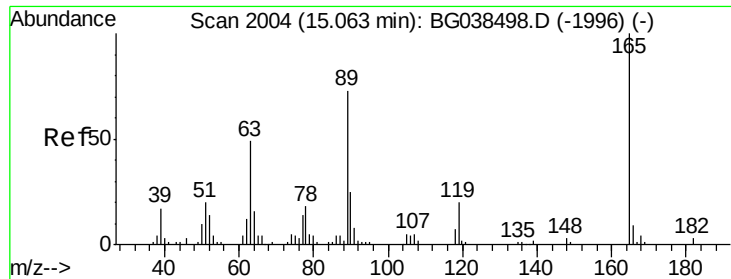
Tot Ion:172 Resp: 521278
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 25.0 19.5 29.3



#50
Dimethylphthalate
Concen: 5.782 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Tgt Ion:163 Resp: 34050
Ion Ratio Lower Upper
163 100
194 3.9 3.7 5.5
164 10.9 8.6 12.8

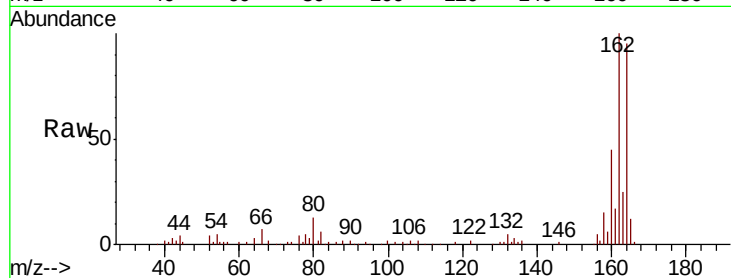




#57
2,4-Dinitrotoluene
Concen: 5.060 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Instrument :
BNA_G
ClientSampleId :

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

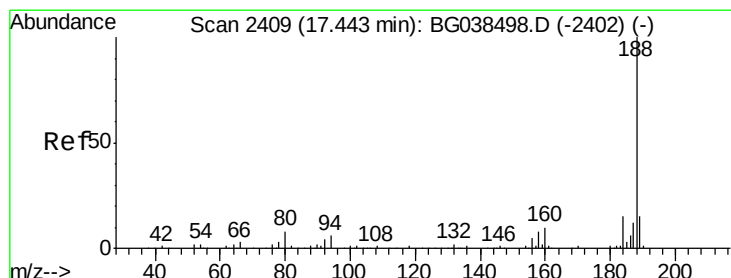
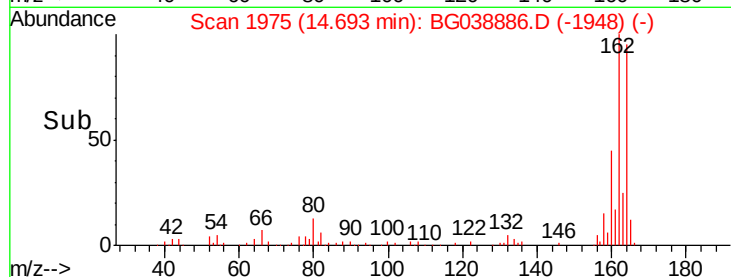
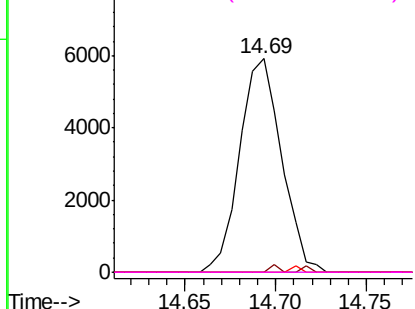


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

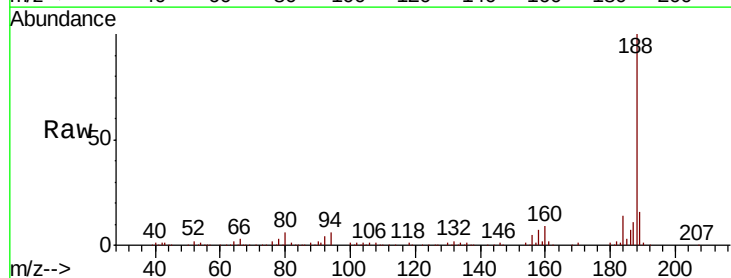
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

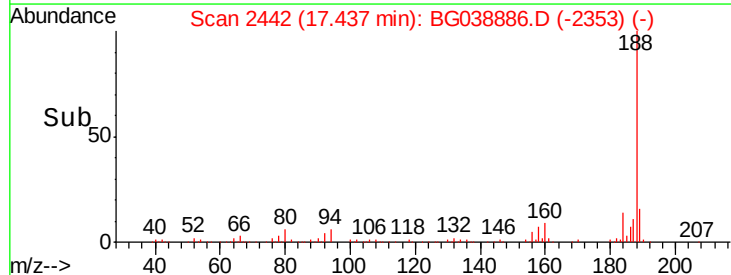
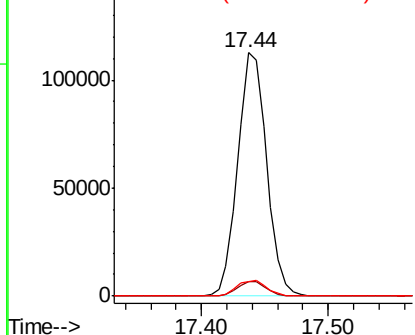
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.1	7.7
80	6.2	6.1	9.1

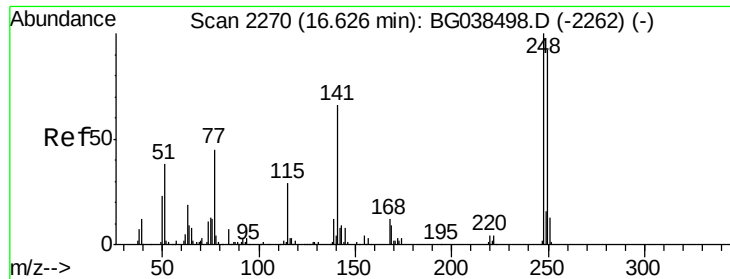


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 3.703 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampleId :

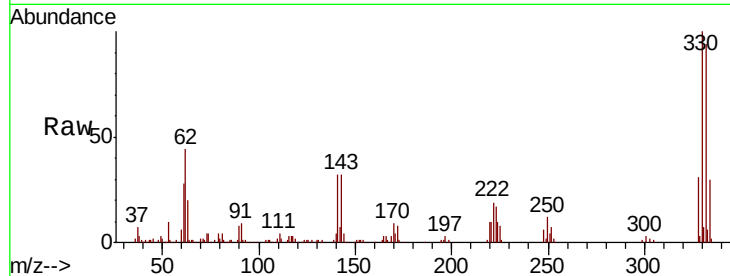
Tot Ion:248 Resp: 8055

Ion Ratio Lower Upper

248 100

250 192.6 73.4 110.2#

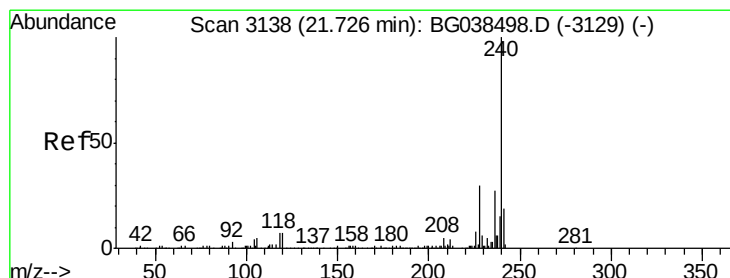
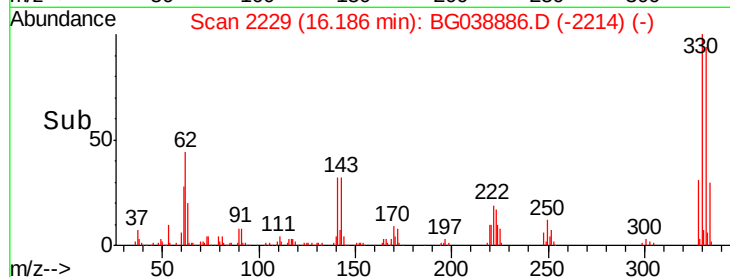
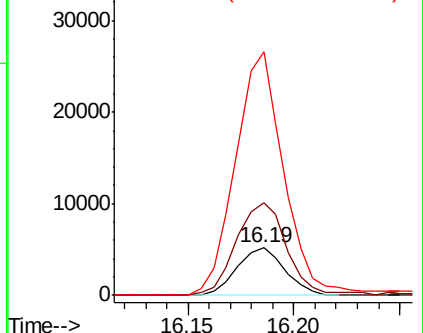
141 382.9 52.9 79.3#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

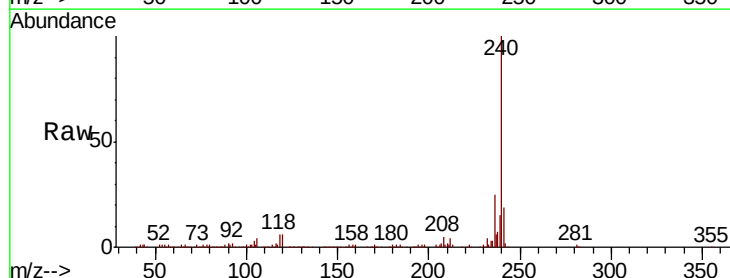
Tgt Ion:240 Resp: 184179

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

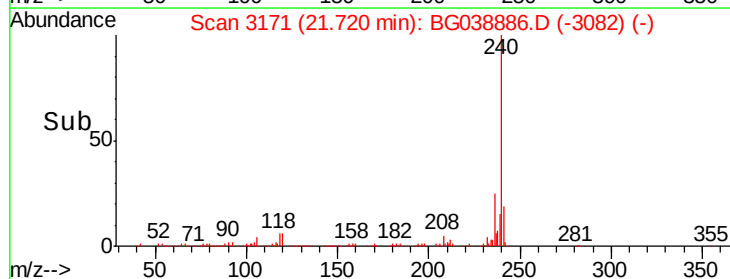
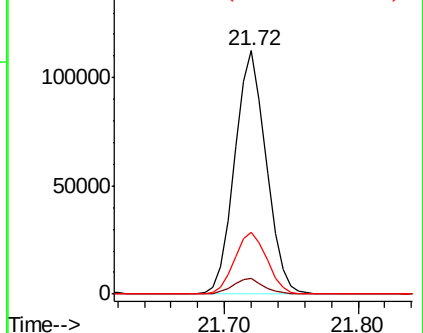
236 25.3 21.4 32.2

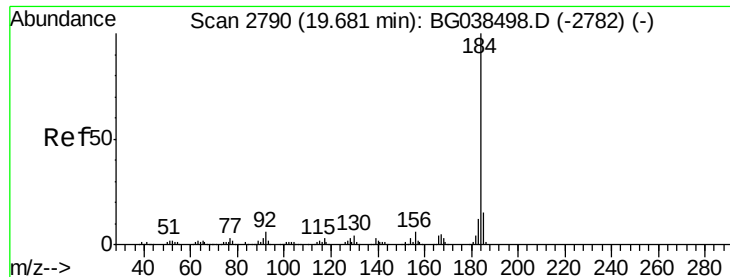


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.957 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

Instrument :

BNA_G

ClientSampleId :

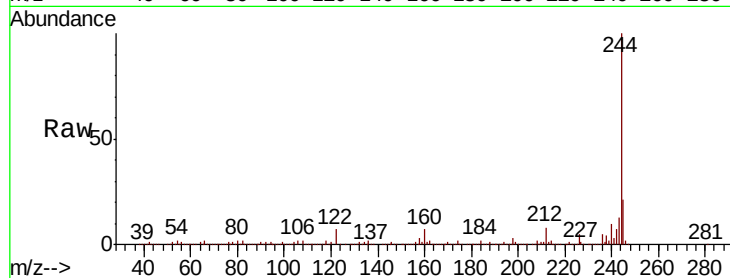
Tot Ion:184 Resp: 16106

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

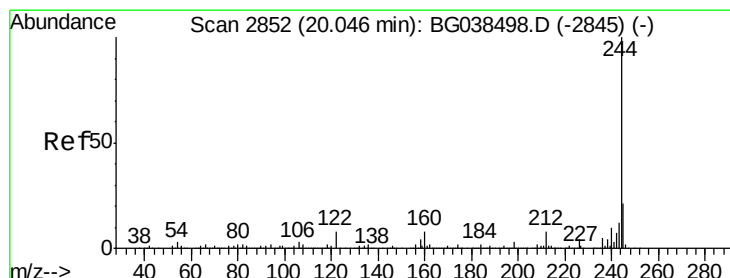
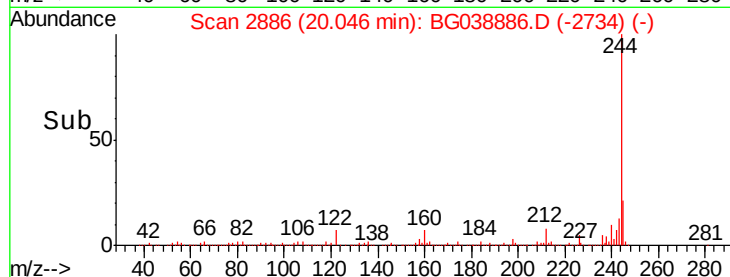
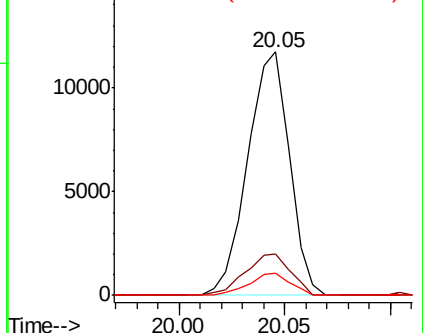
183 9.0 9.6 14.4#



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



#79

Terphenyl-d14

Concen: 109.845 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038886.D

Acq: 28 Dec 2018 23:06

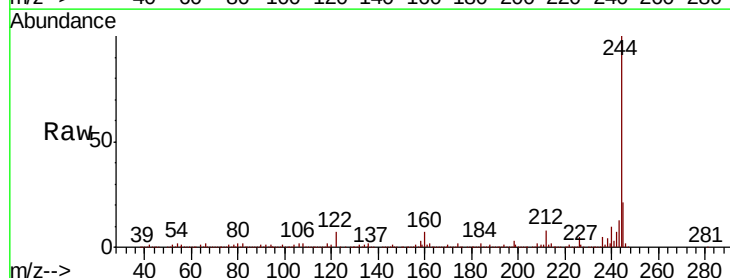
Tgt Ion:244 Resp: 929602

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

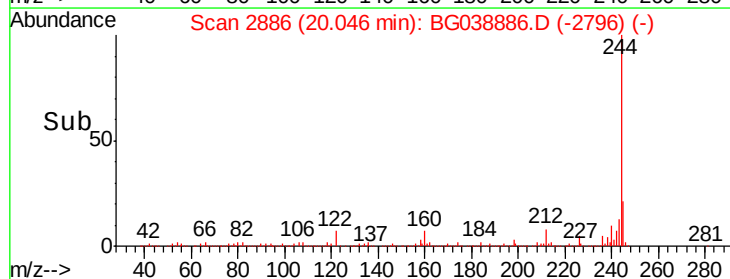
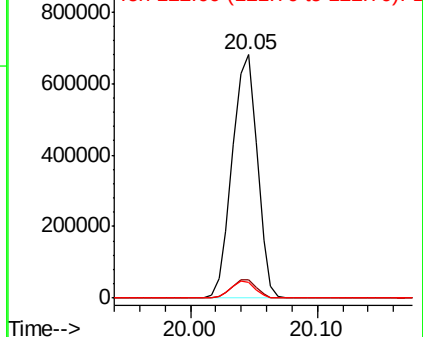
122 6.6 6.3 9.5

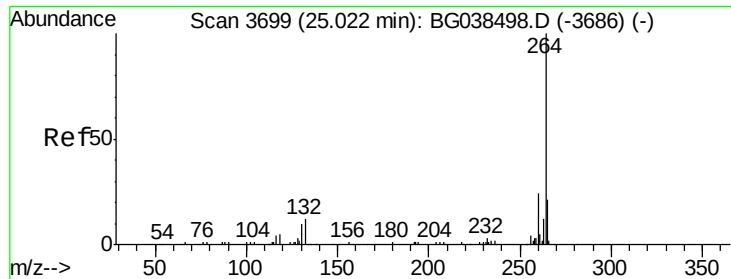


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038886.D
Acq: 28 Dec 2018 23:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	21.6	17.0	25.4

