

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
 Data File : BG038548.D
 Acq On : 14 Dec 2018 1:17
 Operator : JU/SJ
 Sample : J6347-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-02

Quant Time: Dec 14 01:54:56 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

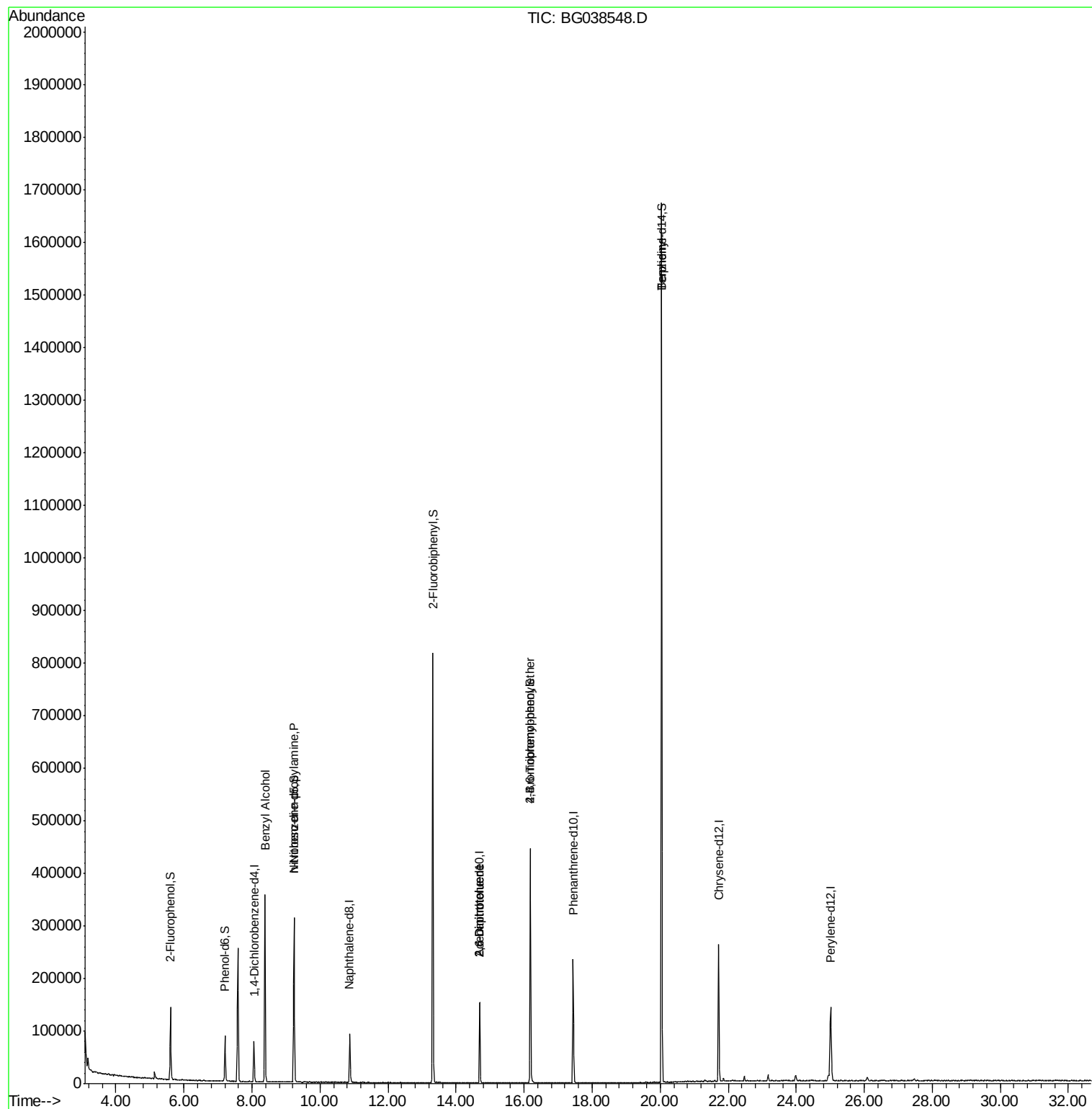
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22194	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	86464	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58064	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	155204	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161770	20.00	ng	0.00
87) Perylene-d12	25.01	264	173188	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	61312	49.00	ng	0.00
7) Phenol-d6	7.21	99	49898	29.05	ng	0.00
23) Nitrobenzene-d5	9.23	82	192400	113.68	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	92199	115.22	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	447720	105.78	ng	0.00
79) Terphenyl-d14	20.05	244	810397	109.02	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3016	2.249	ng	# 47
19) n-Nitroso-di-n-propylamine	9.23	70	25679	21.284	ng	# 71
51) 2,6-Dinitrotoluene	14.69	165	7227	6.726	ng	# 22
57) 2,4-Dinitrotoluene	14.69	165	7227	4.775	ng	# 24
67) 4-Bromophenyl-phenylether	16.18	248	6072	3.203	ng	# 1
77) Benzidine	20.05	184	14319	2.993	ng	# 96

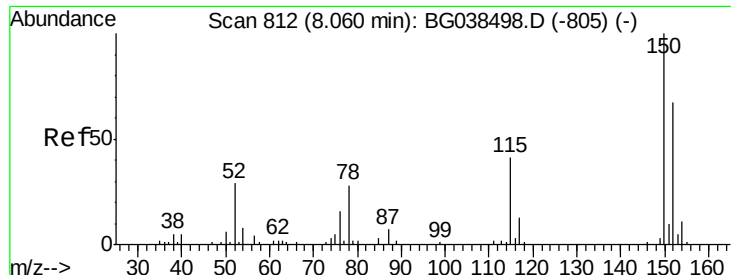
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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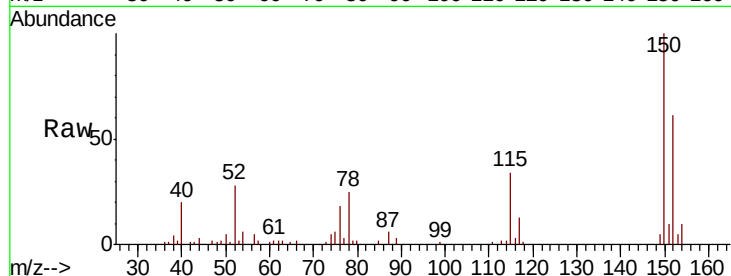




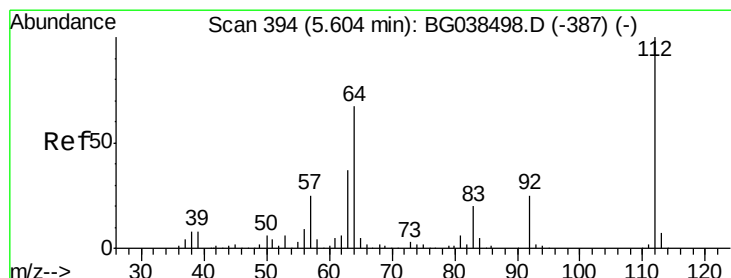
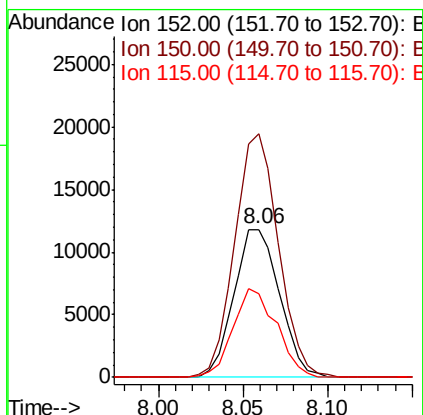
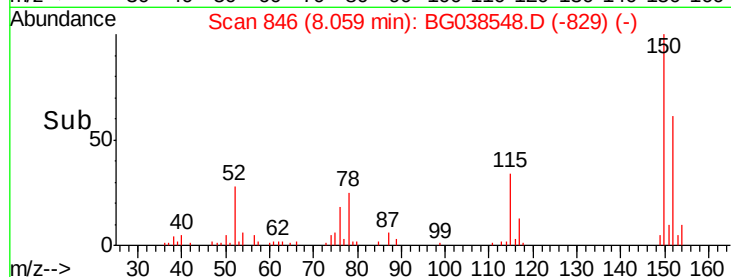
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038548.D
 Acq: 14 Dec 2018 1:17

Instrument :
 BNA_G
 ClientSampleId :
 P001-TW001-02

Tgt Ion:152 Resp: 22194
 Ion Ratio Lower Upper
 152 100
 150 164.3 119.5 179.3
 115 56.4 49.6 74.4

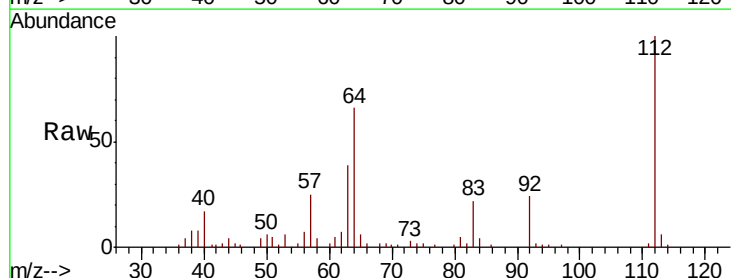


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

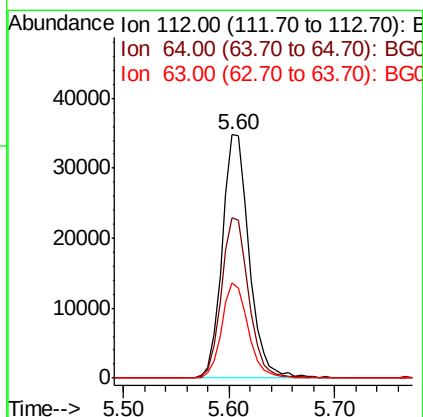
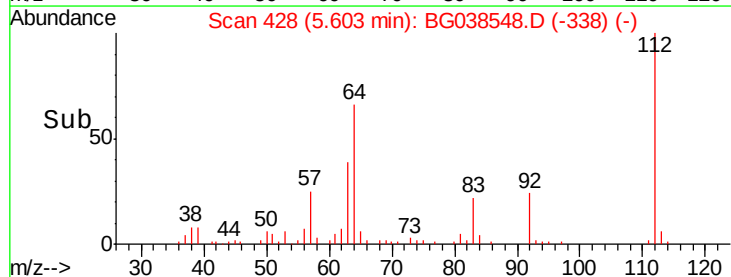


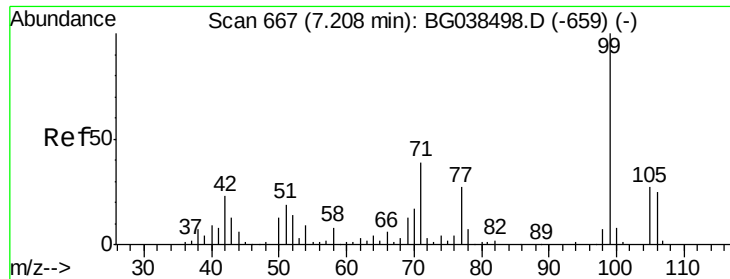
#5
 2-Fluorophenol
 Concen: 48.998 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038548.D
 Acq: 14 Dec 2018 1:17

Tgt Ion:112 Resp: 61312
 Ion Ratio Lower Upper
 112 100
 64 66.1 53.4 80.2
 63 39.1 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: 29.047 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

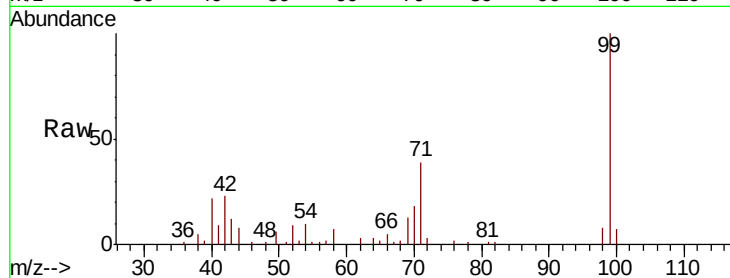
Tgt Ion: 99 Resp: 49898

Ion Ratio Lower Upper

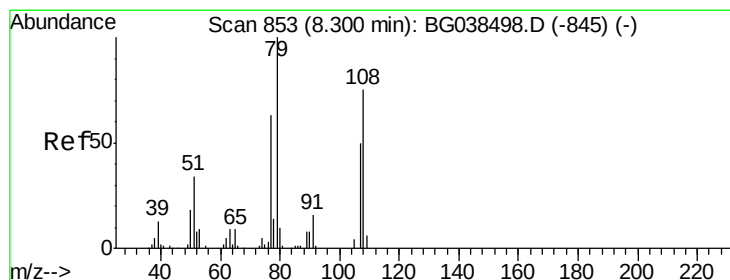
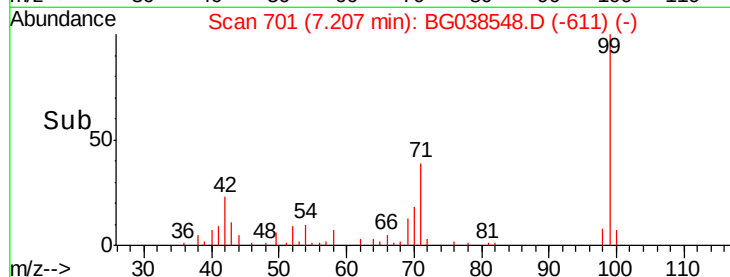
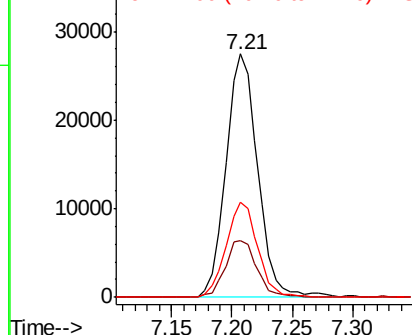
99 100

42 23.1 18.5 27.7

71 39.0 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: 2.249 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

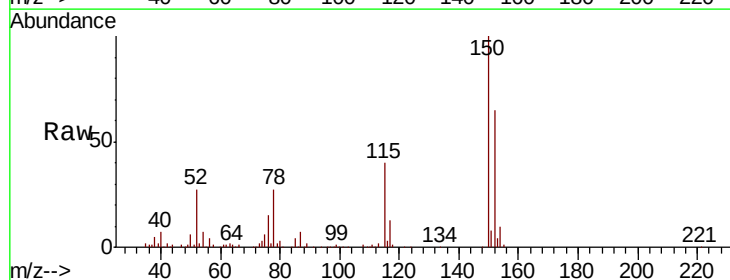
Tgt Ion: 79 Resp: 3016

Ion Ratio Lower Upper

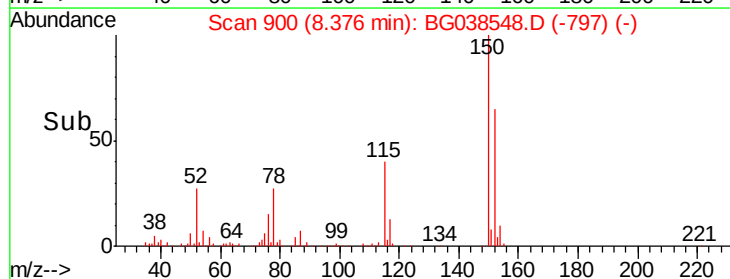
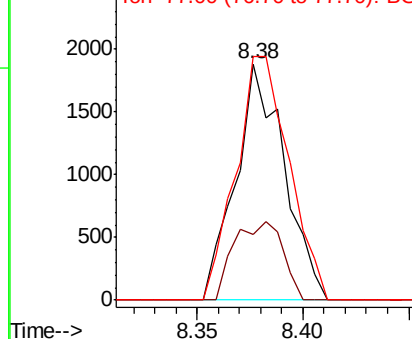
79 100

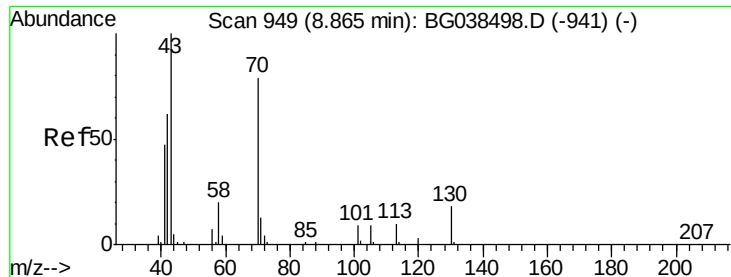
108 28.0 60.2 90.4#

77 103.2 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

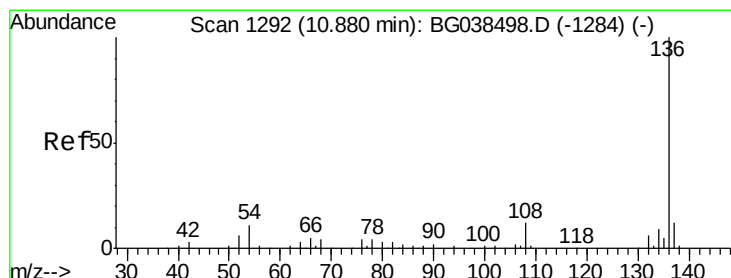
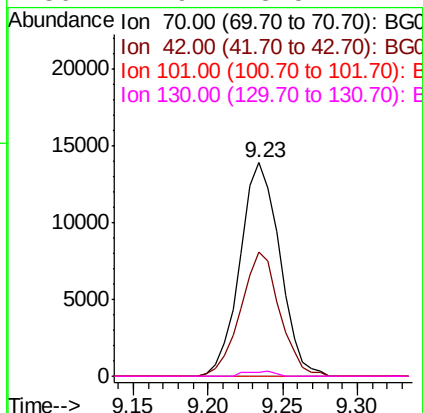
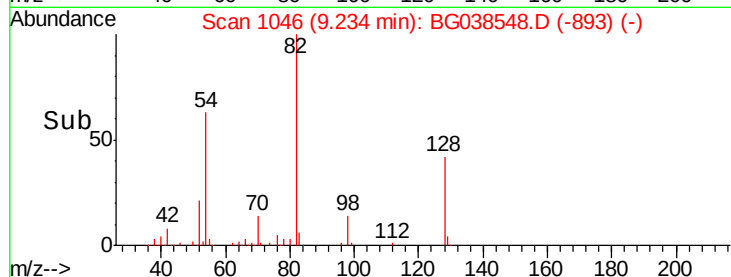
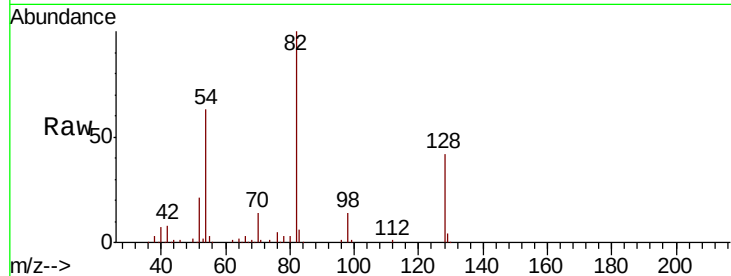




#19
n-Nitroso-di-n-propylamine
Concen: 21.284 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

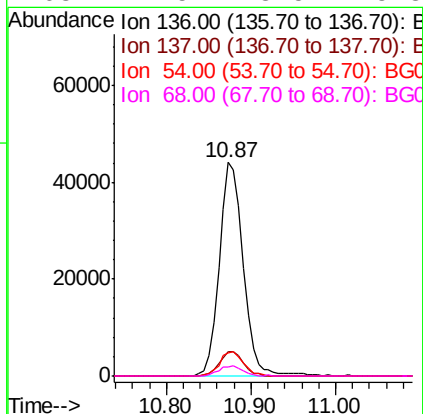
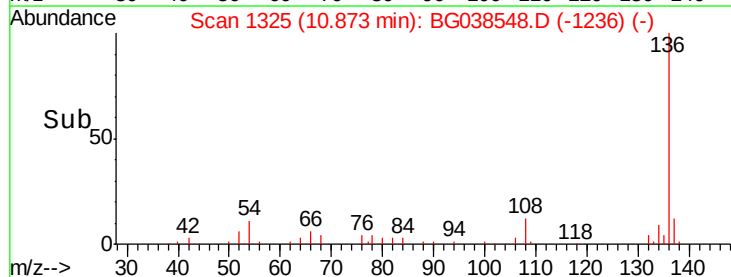
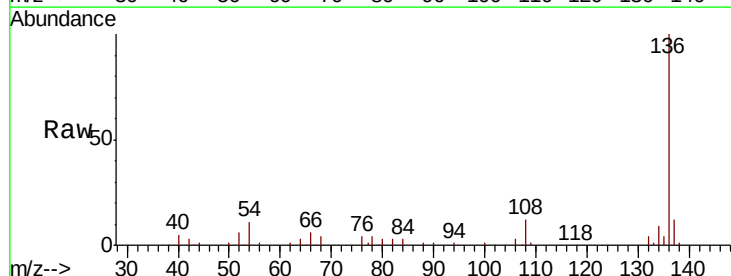
Instrument :
BNA_G
ClientSampleId :
P001-TW001-02

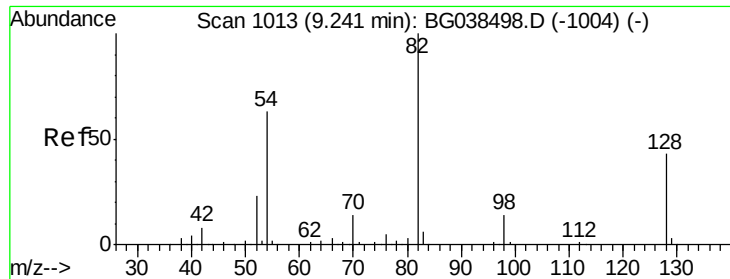
Tgt Ion: 70 Resp: 25679
Ion Ratio Lower Upper
70 100
42 58.4 63.6 95.4#
101 0.0 9.2 13.8#
130 1.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

Tgt Ion: 136 Resp: 86464
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 10.9 8.5 12.7
68 4.5 3.5 5.3

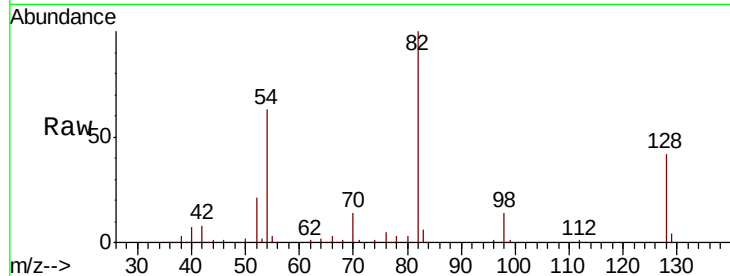




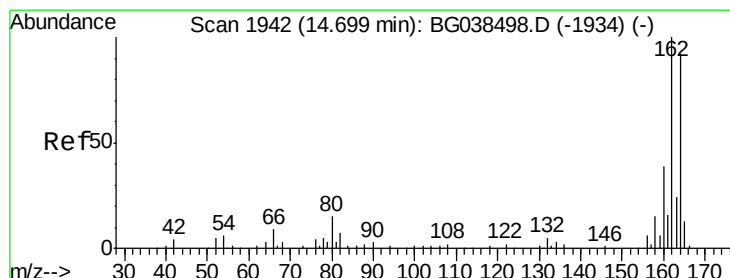
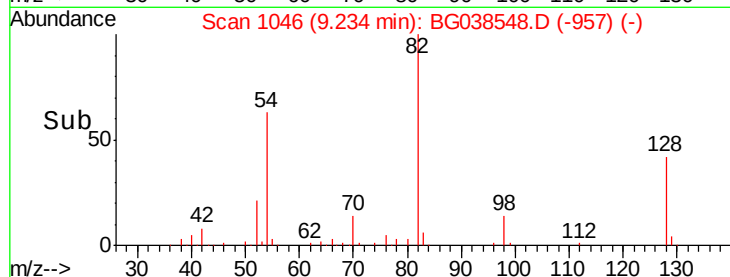
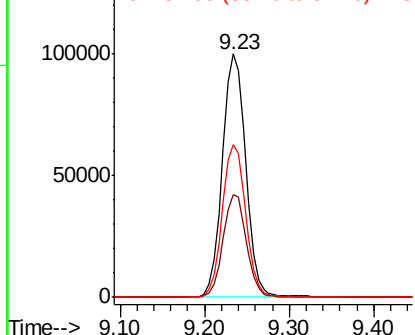
#23
Nitrobenzene-d5
Concen: 113.679 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

Instrument :
BNA_G
ClientSampleId :
P001-TW001-02

Tgt Ion: 82 Resp: 192400
Ion Ratio Lower Upper
82 100
128 42.5 34.6 52.0
54 62.8 50.6 76.0

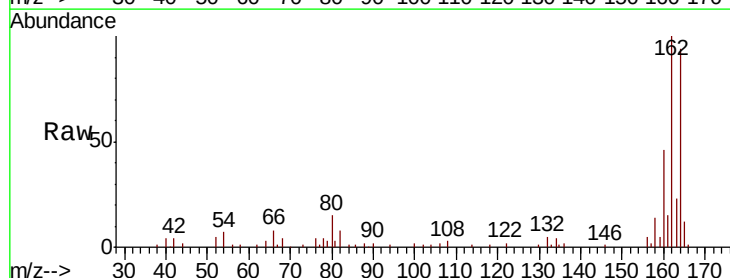


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

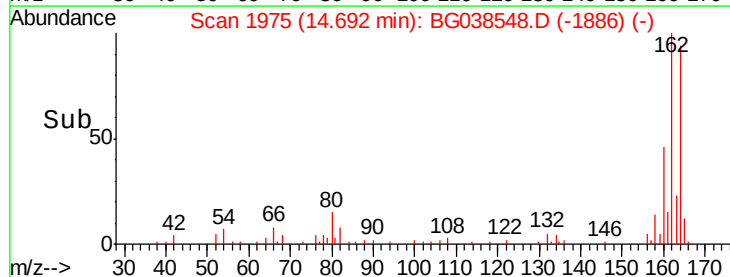
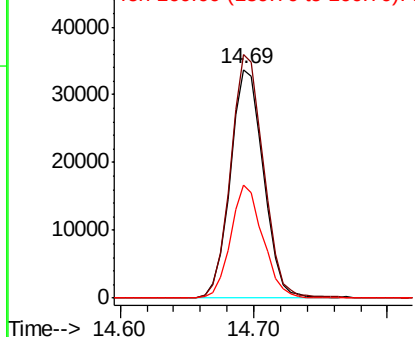


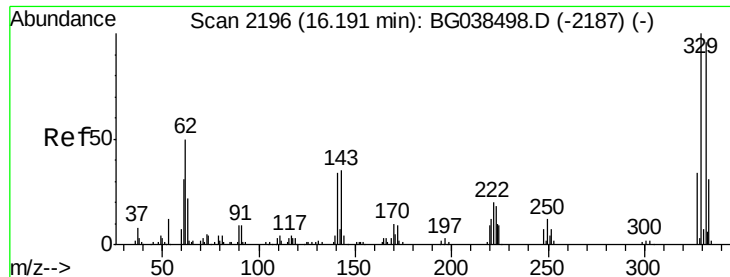
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038548.D
Acq: 14 Dec 2018 1:17

Tgt Ion: 164 Resp: 58064
Ion Ratio Lower Upper
164 100
162 106.6 86.6 130.0
160 49.5 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: 115.216 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

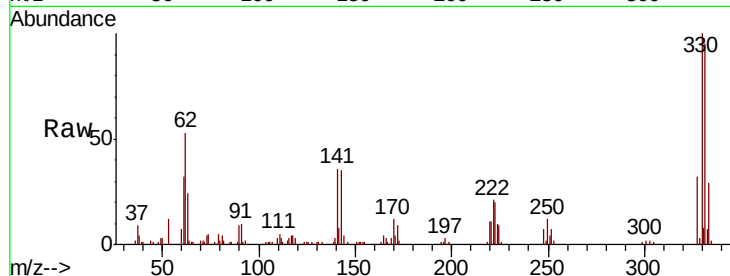
Tgt Ion:330 Resp: 92199

Ion Ratio Lower Upper

330 100

332 97.5 76.9 115.3

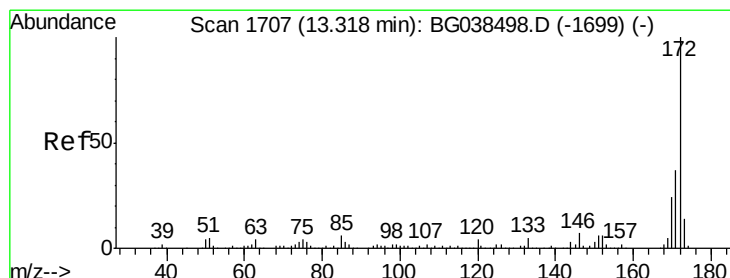
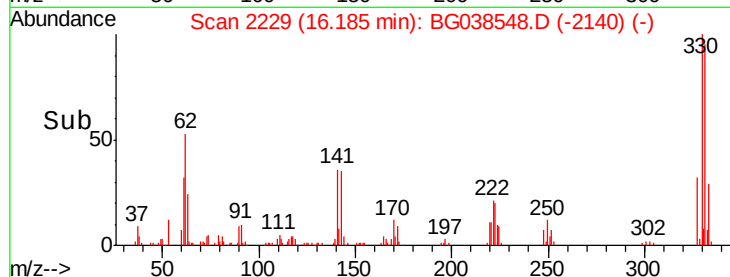
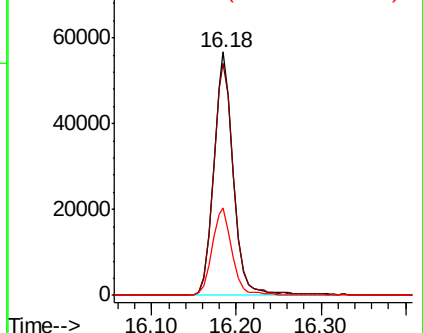
141 36.6 28.8 43.2



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: 105.781 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

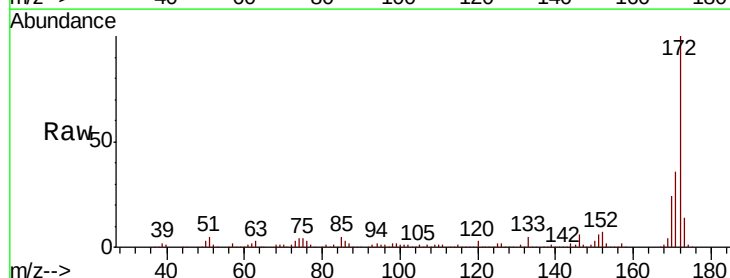
Tgt Ion:172 Resp: 447720

Ion Ratio Lower Upper

172 100

171 36.3 29.8 44.6

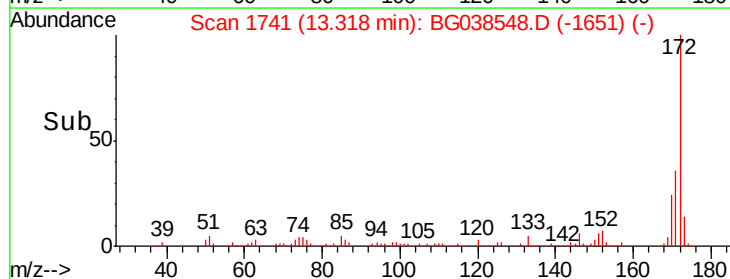
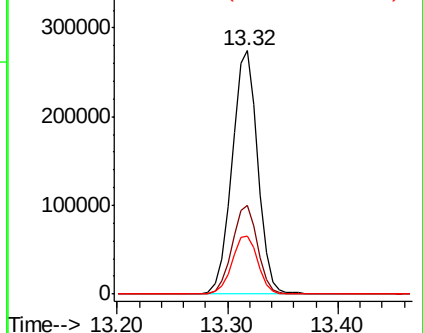
170 23.9 19.5 29.3

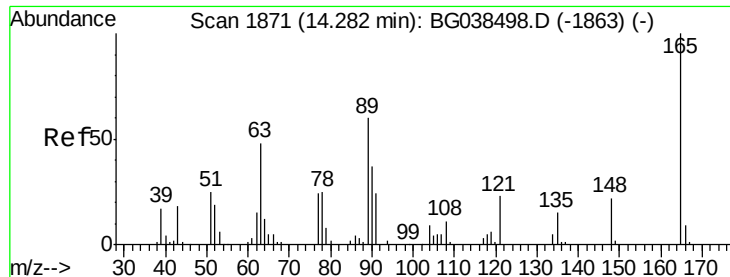


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

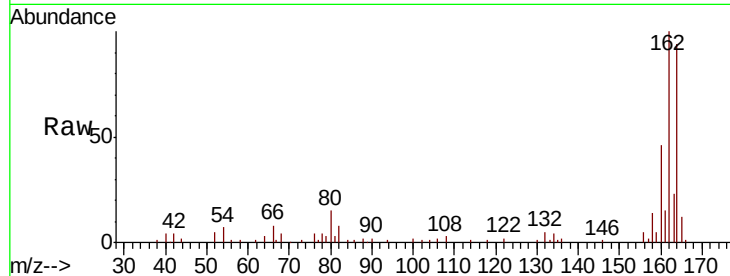




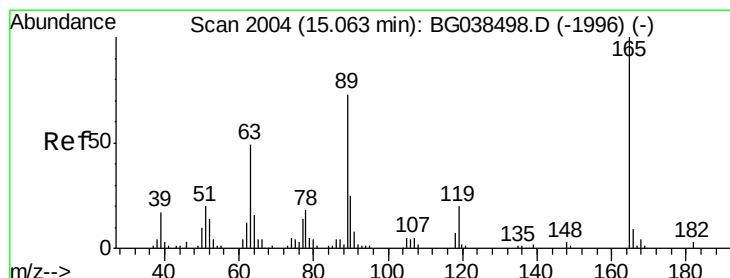
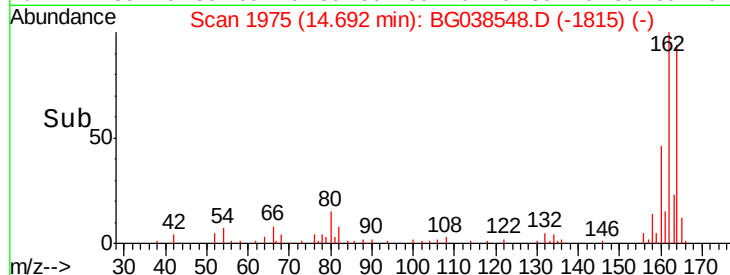
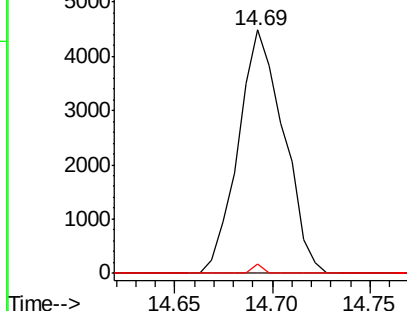
#51
 2,6-Dinitrotoluene
 Concen: 6.726 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038548.D
 Acq: 14 Dec 2018 1:17

Instrument :
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 P001-TW001-02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	3.7	47.9	71.9#

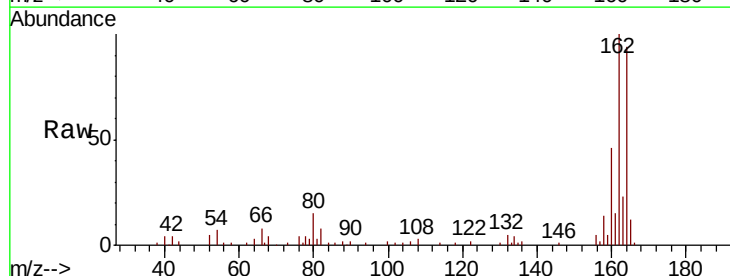


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

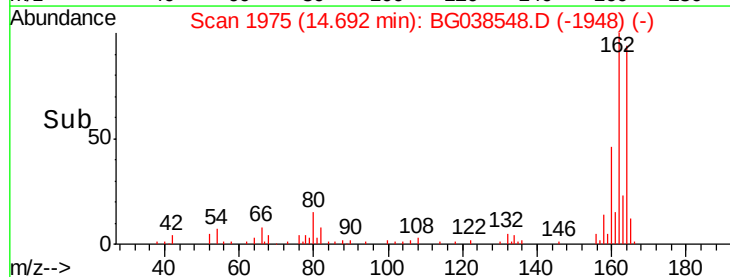
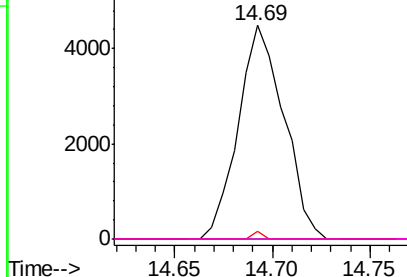


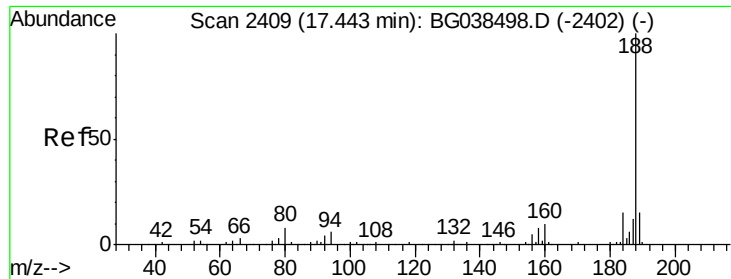
#57
 2,4-Dinitrotoluene
 Concen: 4.775 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038548.D
 Acq: 14 Dec 2018 1:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.7	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: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

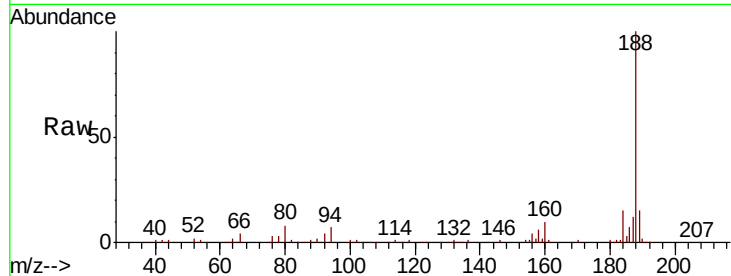
Tgt Ion:188 Resp: 155204

Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

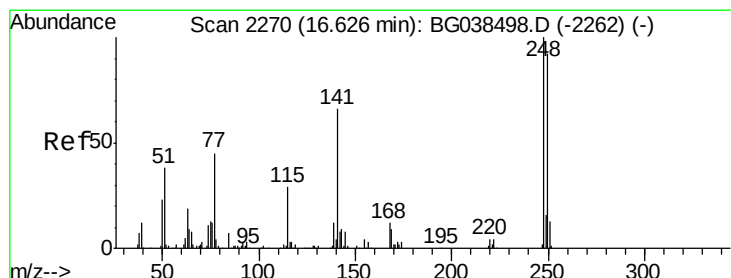
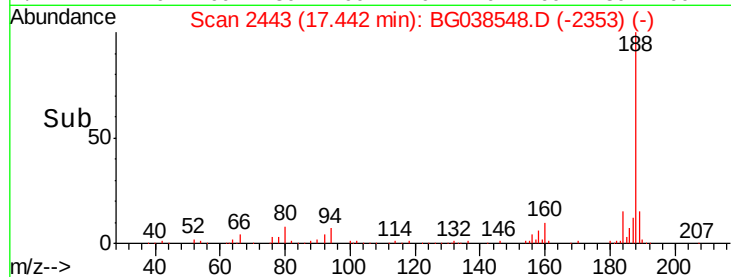
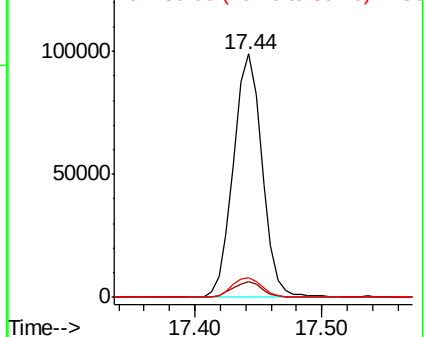
80 7.9 6.1 9.1



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: 3.203 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

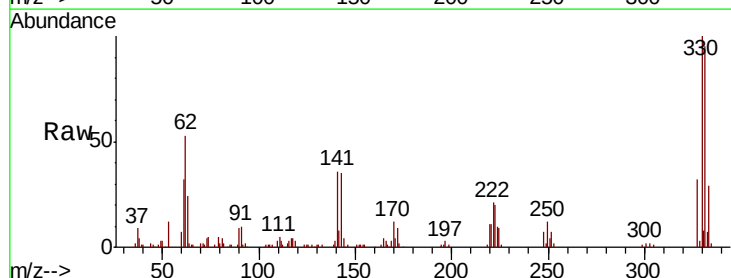
Tgt Ion:248 Resp: 6072

Ion Ratio Lower Upper

248 100

250 187.9 73.4 110.2#

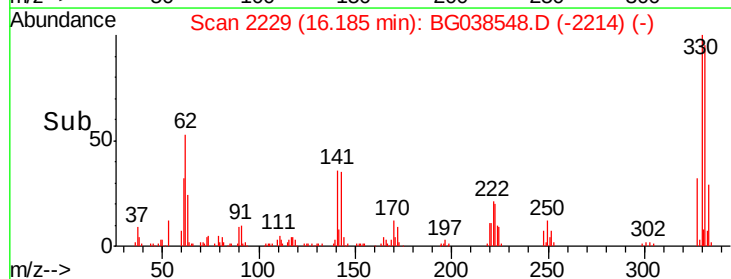
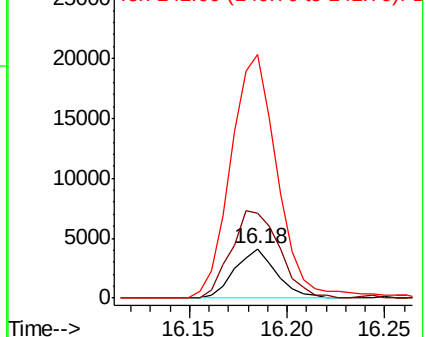
141 401.5 52.9 79.3#

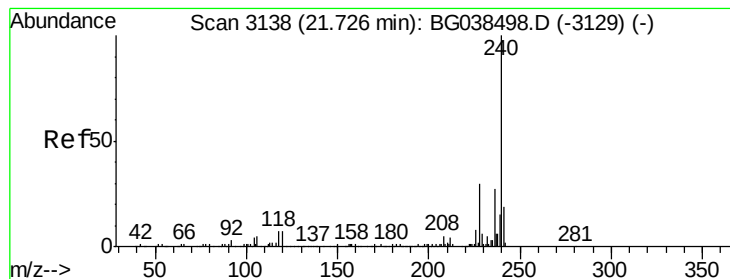


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

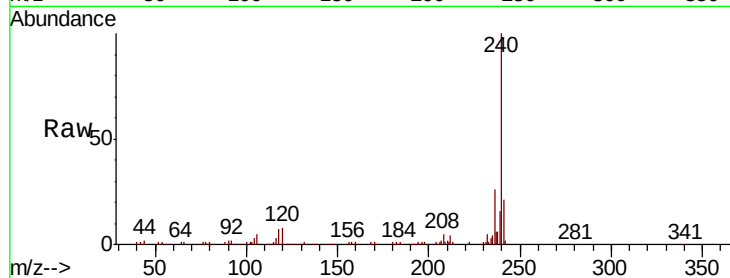
Tgt Ion:240 Resp: 161770

Ion Ratio Lower Upper

240 100

120 7.9 5.3 7.9

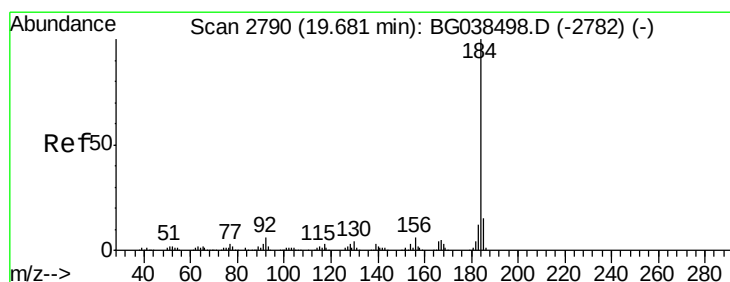
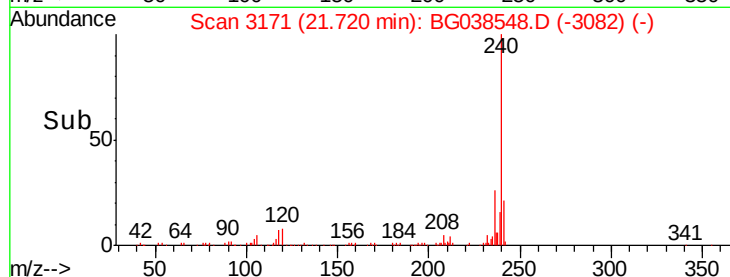
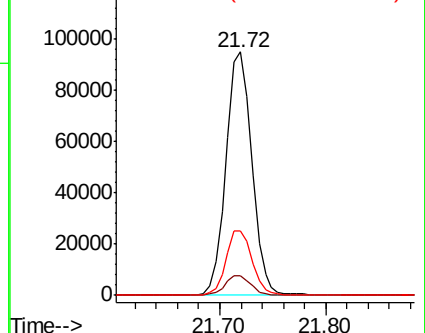
236 26.5 21.4 32.2



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: 2.993 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

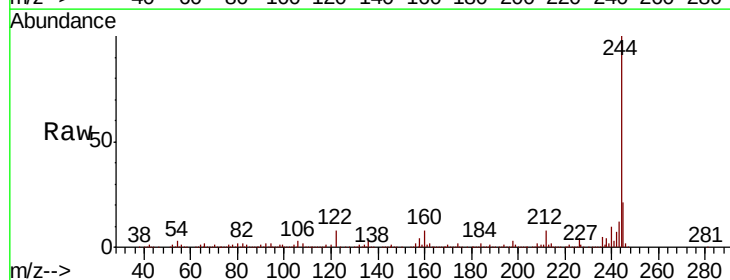
Tgt Ion:184 Resp: 14319

Ion Ratio Lower Upper

184 100

185 15.0 12.2 18.2

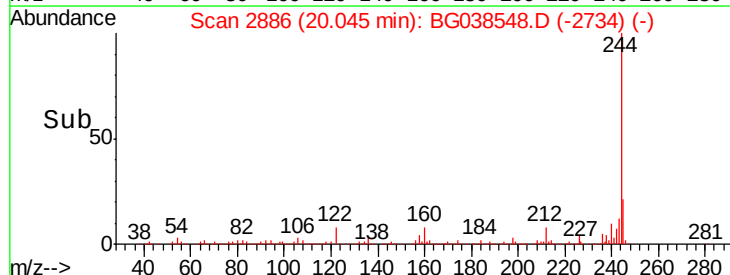
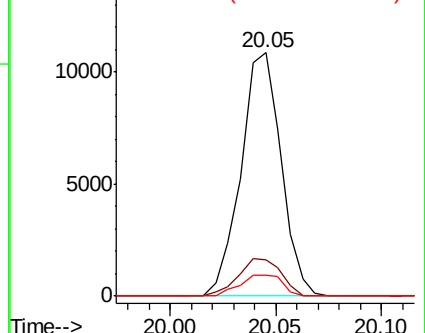
183 8.6 9.6 14.4#

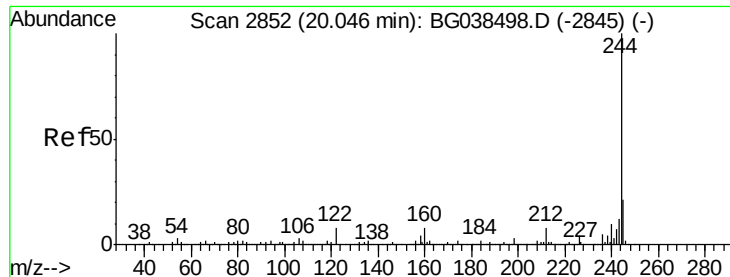


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 109.025 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038548.D

Acq: 14 Dec 2018 1:17

Instrument :

BNA_G

ClientSampleId :

P001-TW001-02

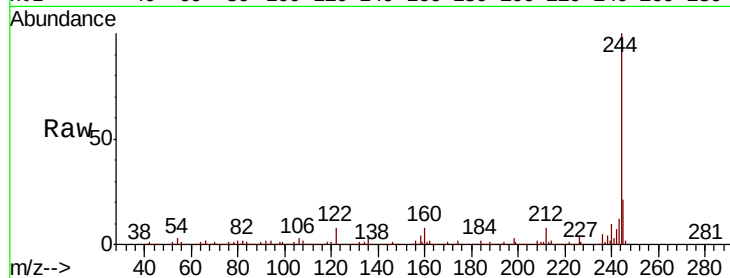
Tgt Ion:244 Resp: 810397

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

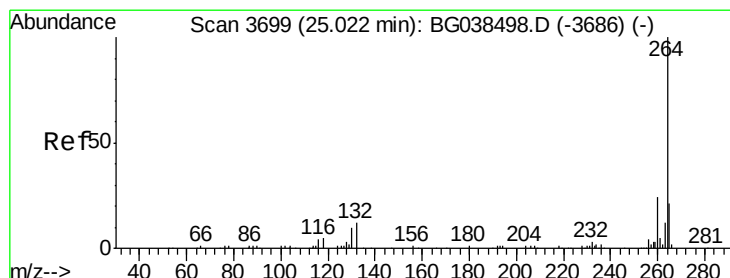
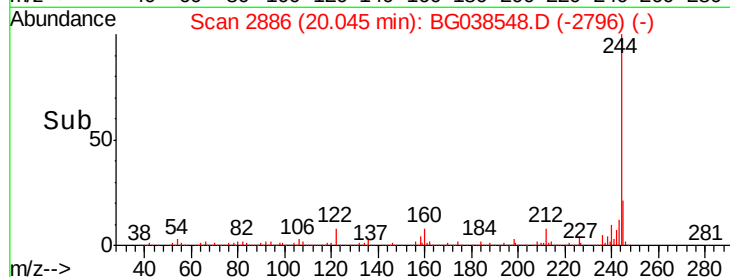
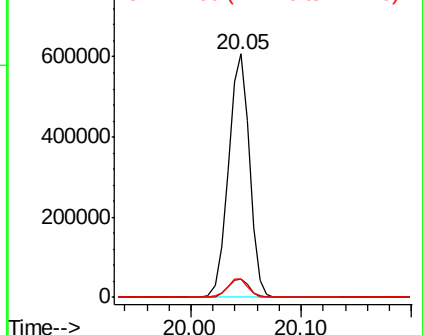
122 7.5 6.3 9.5



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: BG038548.D

Acq: 14 Dec 2018 1:17

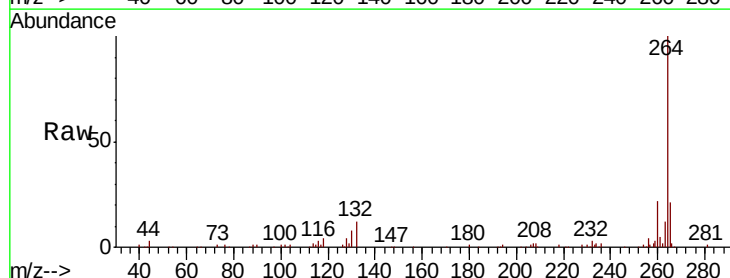
Tgt Ion:264 Resp: 173188

Ion Ratio Lower Upper

264 100

260 22.2 18.9 28.3

265 20.8 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

