

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038666.D
 Acq On : 17 Dec 2018 17:03
 Operator : JU/SJ
 Sample : J6378-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1824-01

Quant Time: Dec 18 02:57:14 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

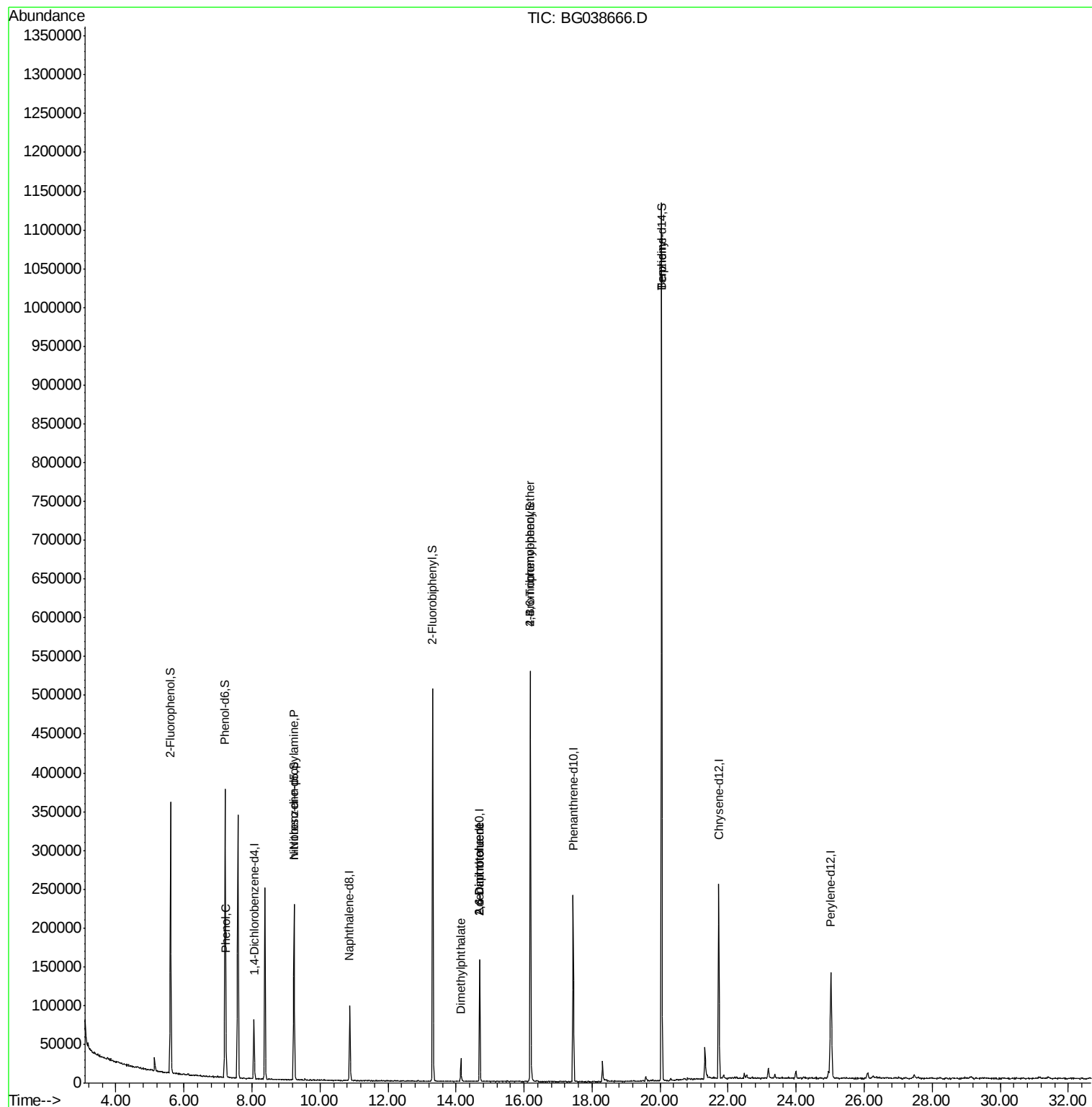
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20917	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	85671	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58002	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	154828	20.00	ng	0.00
76) Chrysene-d12	21.72	240	161584	20.00	ng	0.00
87) Perylene-d12	25.02	264	172331	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	146314	124.07	ng	0.00
7) Phenol-d6	7.21	99	200311	123.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	132568	79.05	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	101602	127.10	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	280298	66.30	ng	0.00
79) Terphenyl-d14	20.05	244	551760	74.32	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12083	7.025	ng	94
19) n-Nitroso-di-n-propylamine	9.23	70	17702	15.568	ng	# 70
50) Dimethylphthalate	14.14	163	21832	4.609	ng	96
51) 2,6-Dinitrotoluene	14.70	165	7572	7.054	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	7572	5.008	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	6743	3.566	ng	# 1
77) Benzidine	20.05	184	9751	2.041	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038666.D
Acq On : 17 Dec 2018 17:03
Operator : JU/SJ
Sample : J6378-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Quant Time: Dec 18 02:57:14 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



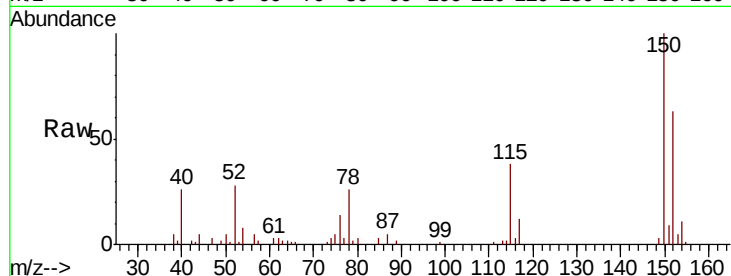


#1

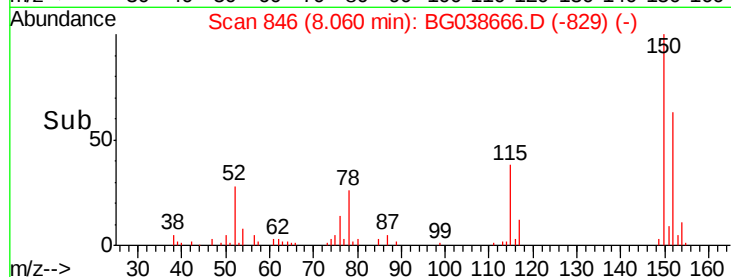
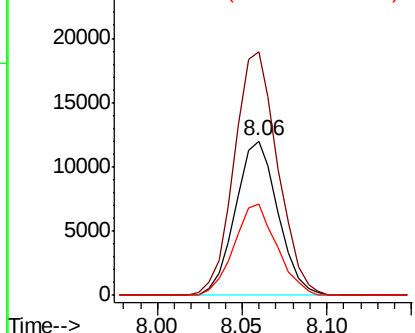
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:152 Resp: 20917
Ion Ratio Lower Upper
152 100
150 157.9 119.5 179.3
115 59.4 49.6 74.4



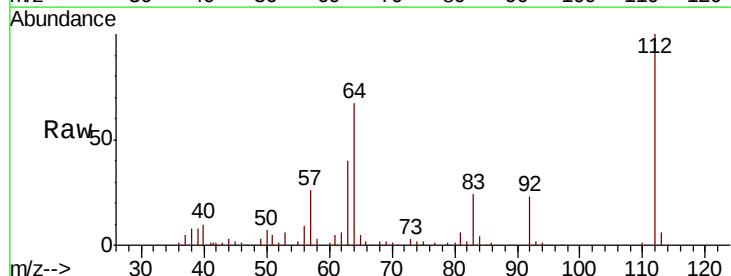
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



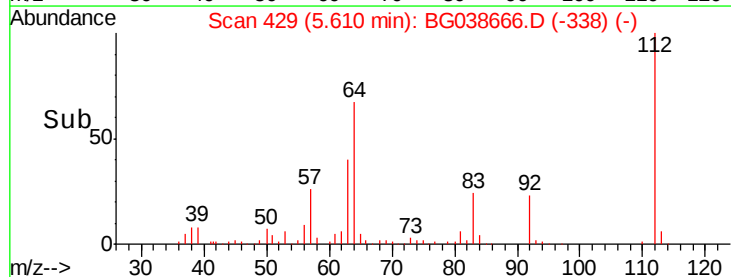
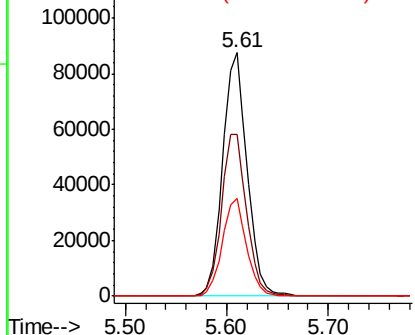
#5

2-Fluorophenol
Concen: 124.067 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:112 Resp: 146314
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 40.2 29.3 43.9



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





#7

Phenol-d6

Concen: 123.727 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

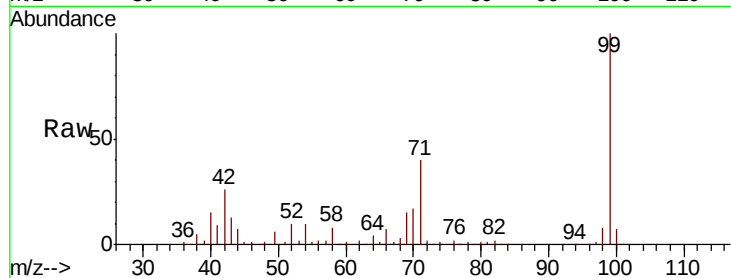
Tgt Ion: 99 Resp: 200311

Ion Ratio Lower Upper

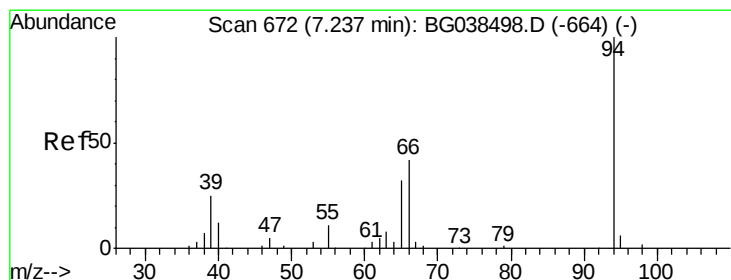
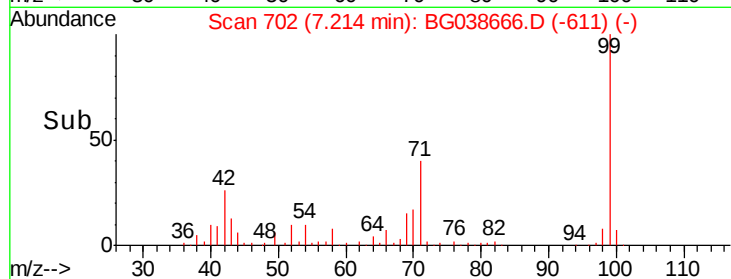
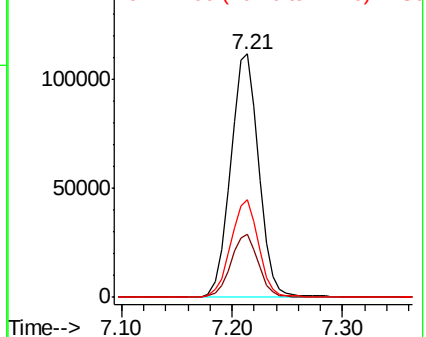
99 100

42 25.7 18.5 27.7

71 40.1 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: 7.025 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

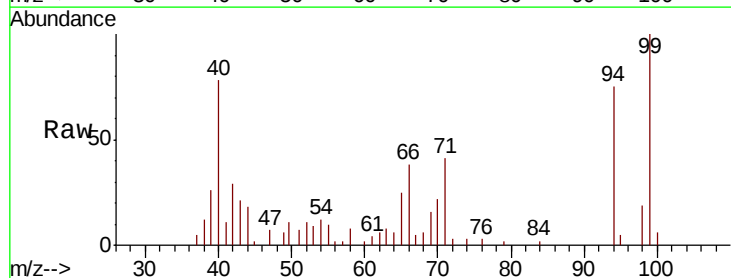
Tgt Ion: 94 Resp: 12083

Ion Ratio Lower Upper

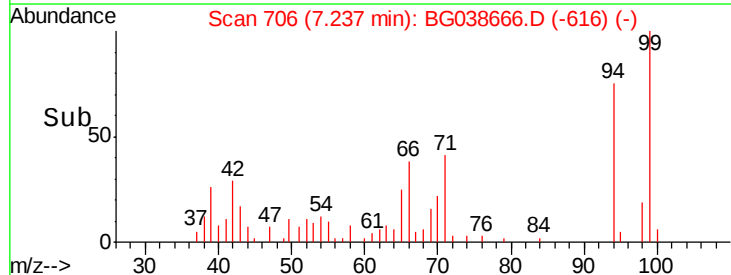
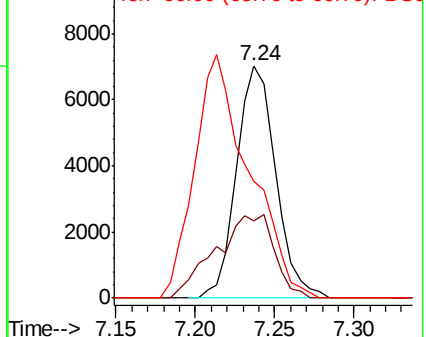
94 100

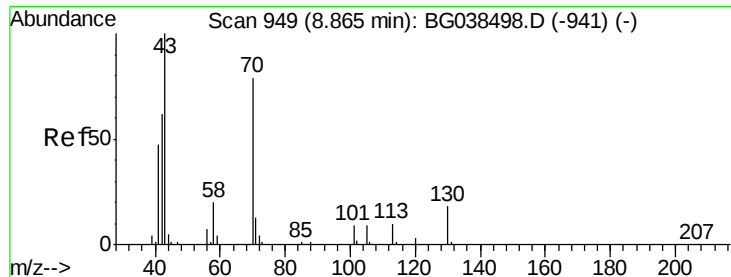
65 33.4 12.6 52.6

66 50.2 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

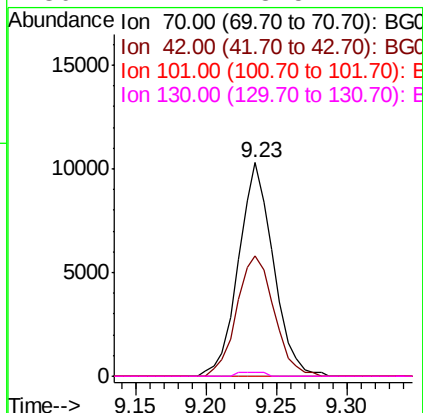
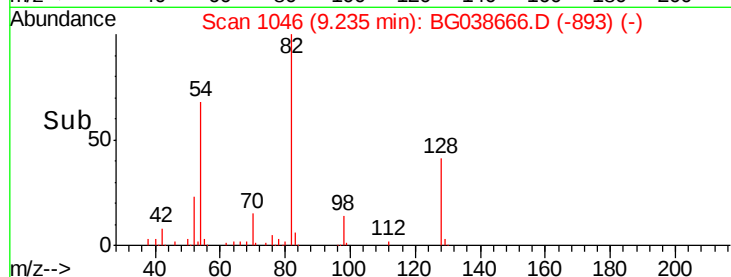
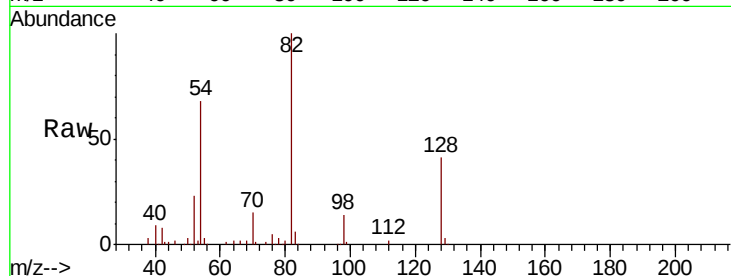




#19
n-Nitroso-di-n-propylamine
Concen: 15.568 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

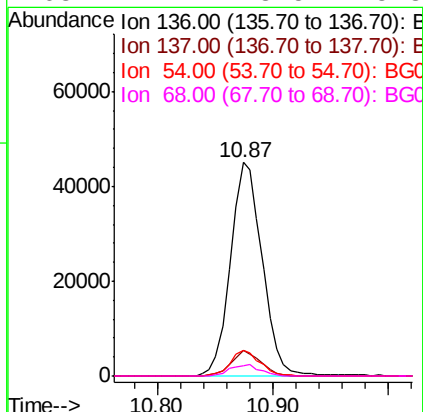
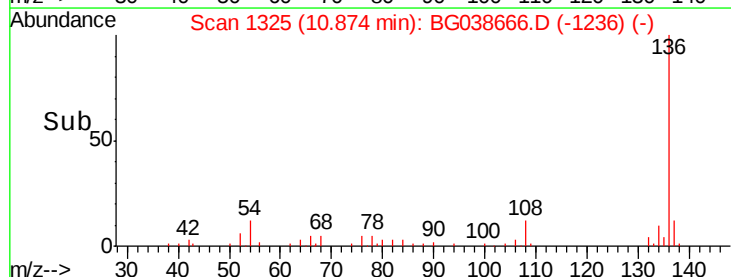
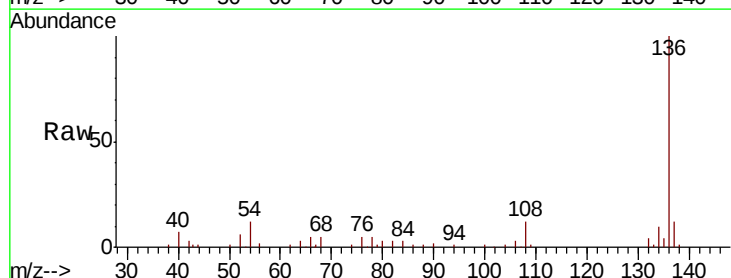
Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

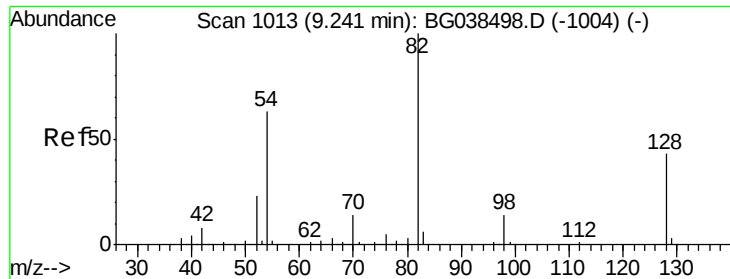
Tgt Ion: 70 Resp: 17702
Ion Ratio Lower Upper
70 100
42 56.5 63.6 95.4#
101 0.0 9.2 13.8#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion: 136 Resp: 85671
Ion Ratio Lower Upper
136 100
137 11.8 9.3 13.9
54 11.7 8.5 12.7
68 4.7 3.5 5.3





#23

Nitrobenzene-d5

Concen: 79.053 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

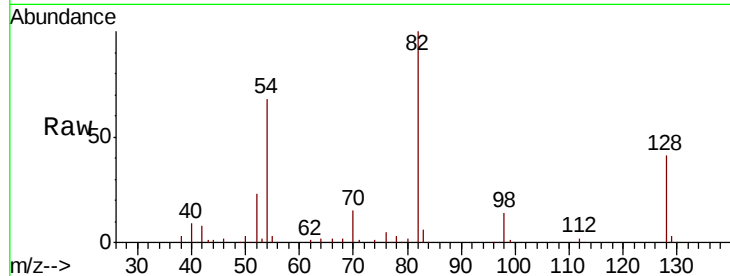
Tgt Ion: 82 Resp: 132568

Ion Ratio Lower Upper

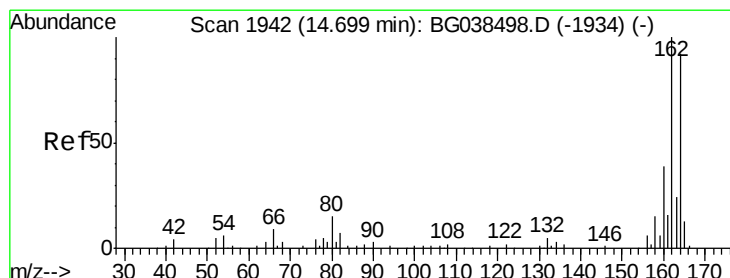
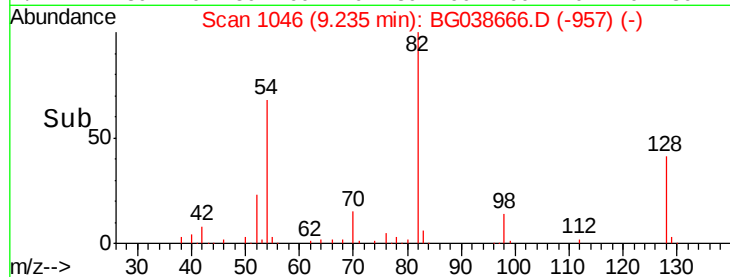
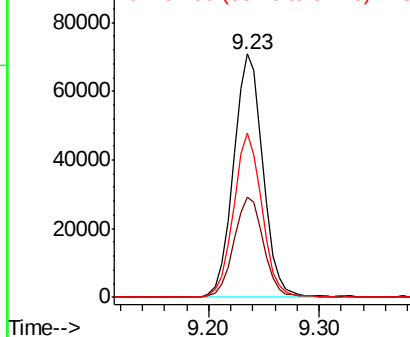
82 100

128 41.3 34.6 52.0

54 67.6 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: BG038666.D

Acq: 17 Dec 2018 17:03

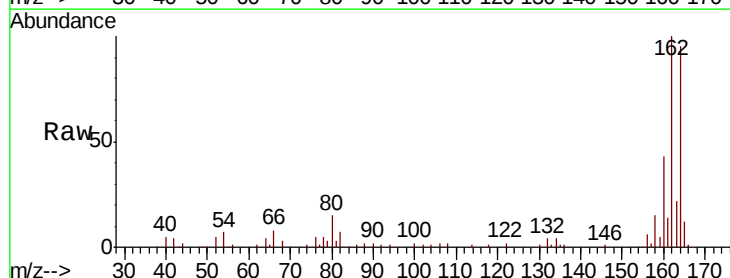
Tgt Ion: 164 Resp: 58002

Ion Ratio Lower Upper

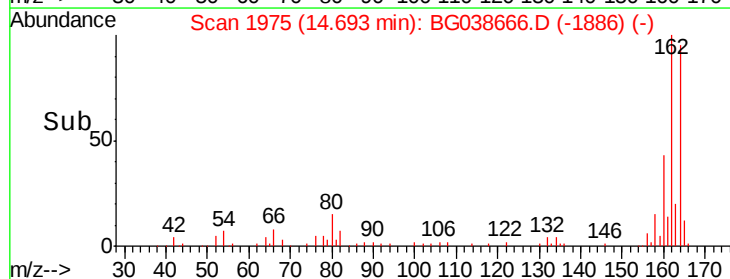
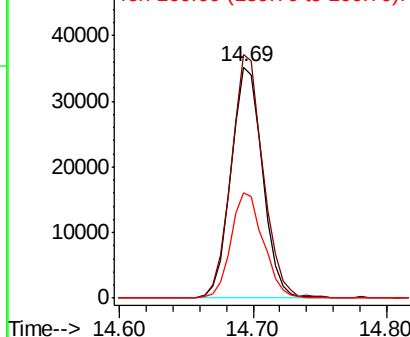
164 100

162 105.2 86.6 130.0

160 45.3 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

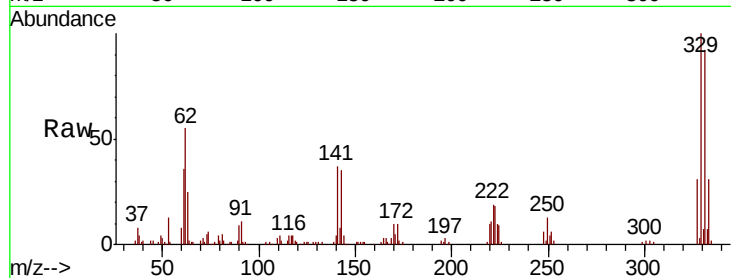




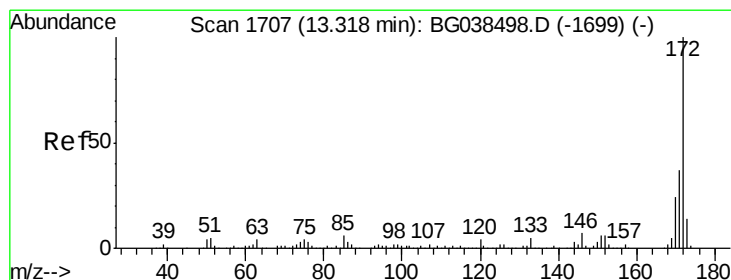
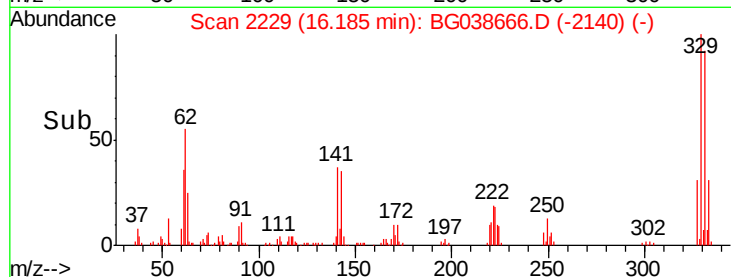
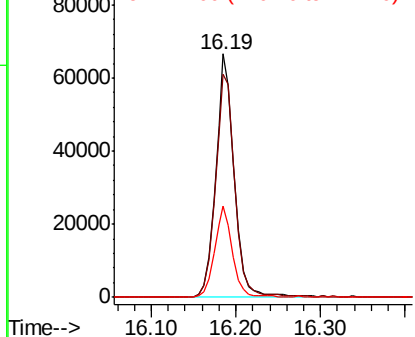
#42
 2,4,6-Tribromophenol
 Concen: 127.102 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038666.D
 Acq: 17 Dec 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1824-01

Tgt Ion:330 Resp: 101602
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.9 115.3
 141 36.4 28.8 43.2

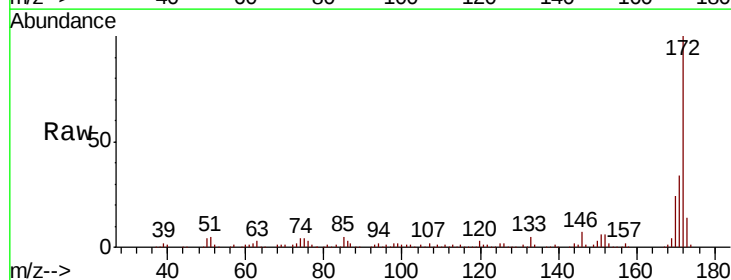


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

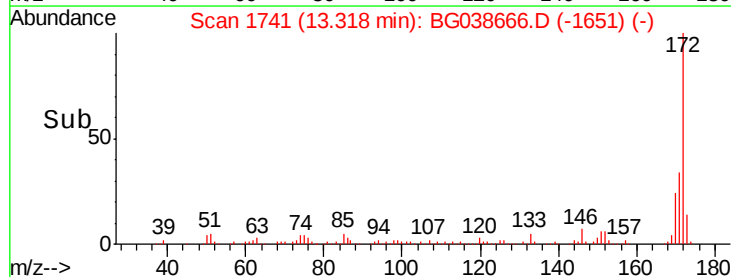
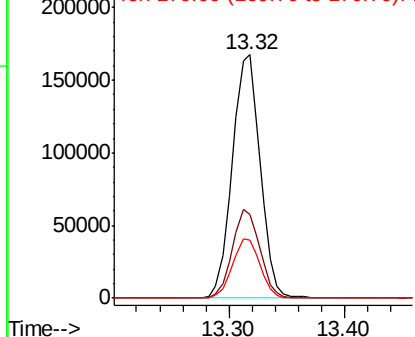


#45
 2-Fluorobiphenyl
 Concen: 66.295 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038666.D
 Acq: 17 Dec 2018 17:03

Tgt Ion:172 Resp: 280298
 Ion Ratio Lower Upper
 172 100
 171 34.4 29.8 44.6
 170 23.7 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: 4.609 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

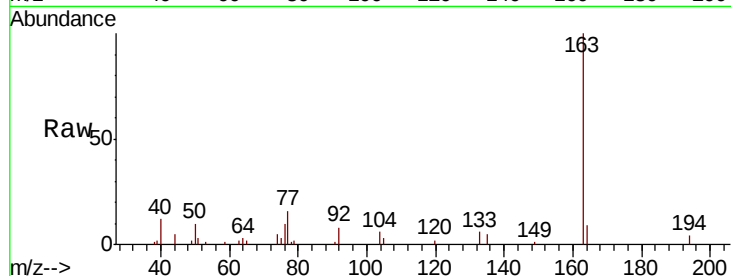
Tgt Ion:163 Resp: 21832

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

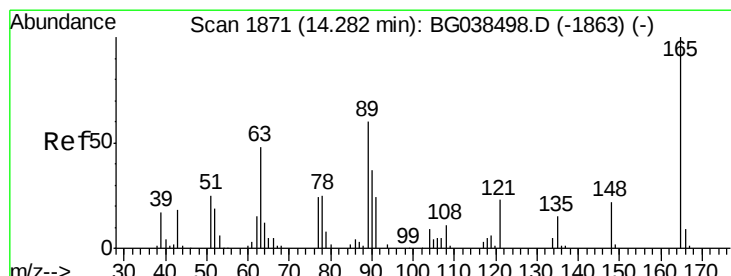
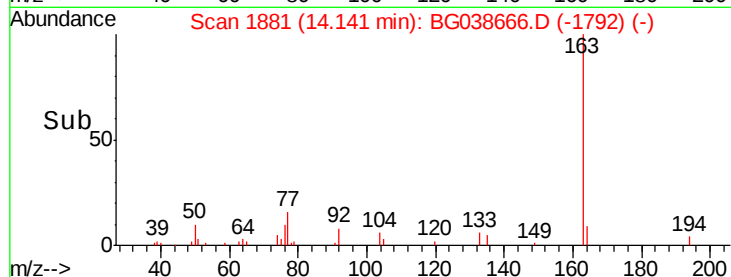
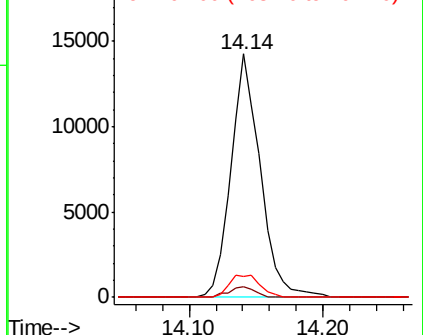
164 8.6 8.6 12.8



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: 7.054 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

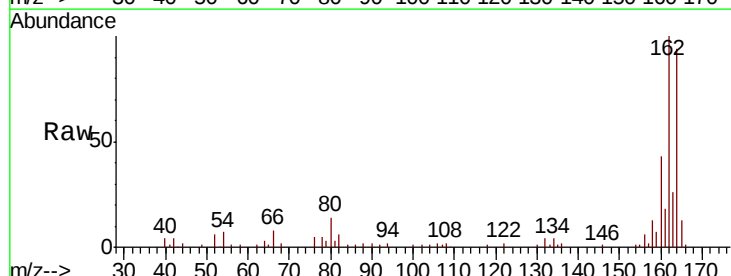
Tgt Ion:165 Resp: 7572

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

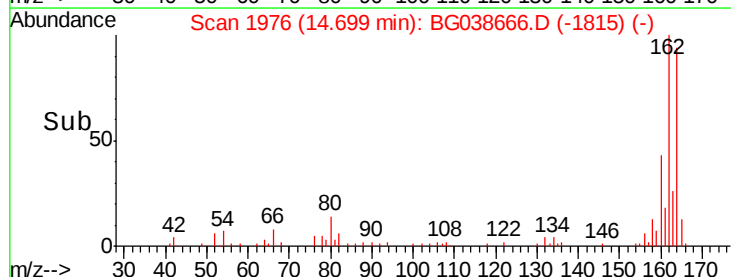
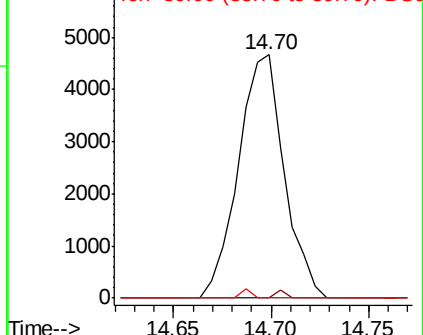
89 0.0 47.9 71.9#

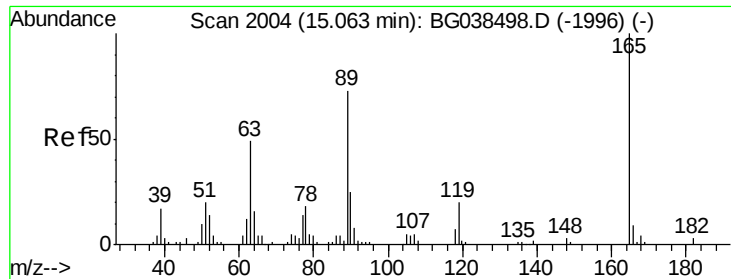


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

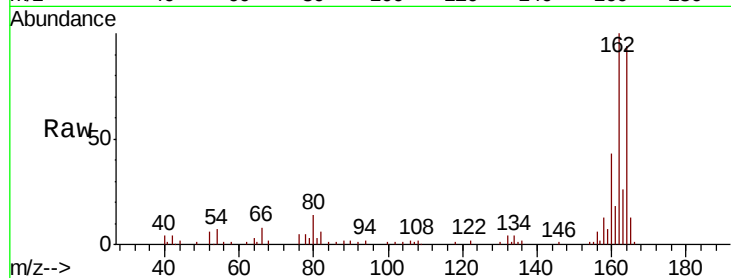




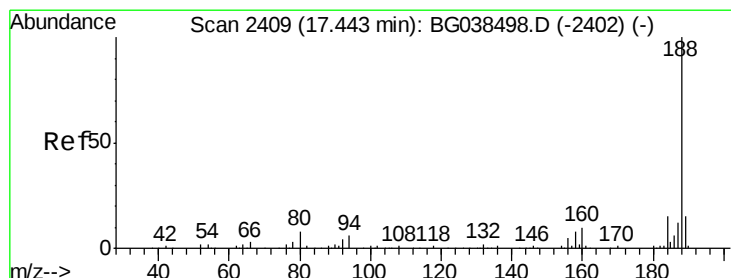
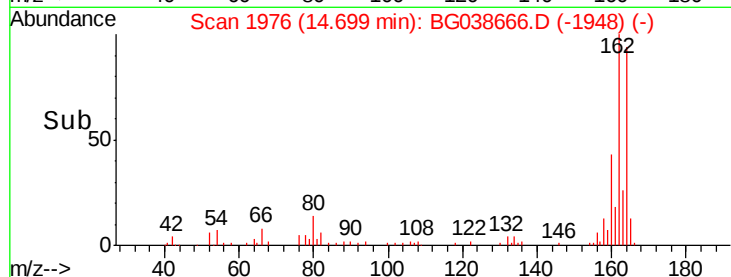
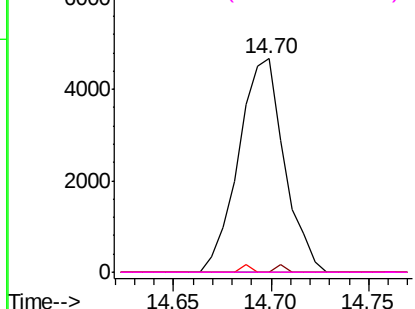
#57
2,4-Dinitrotoluene
Concen: 5.008 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.36 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Instrument :
BNA_G
ClientSampleId :
P001-SS001-1824-01

Tgt Ion:	165	Resp:	7572
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#

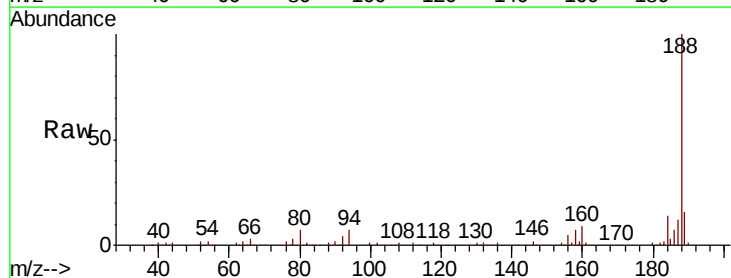


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

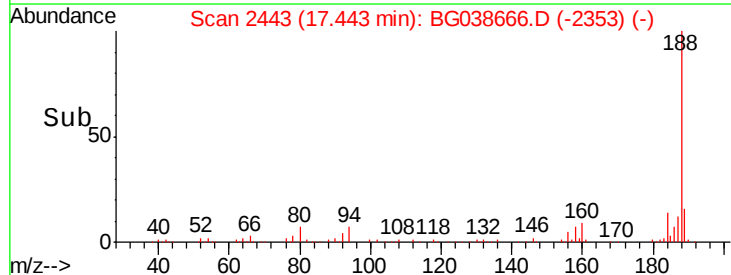
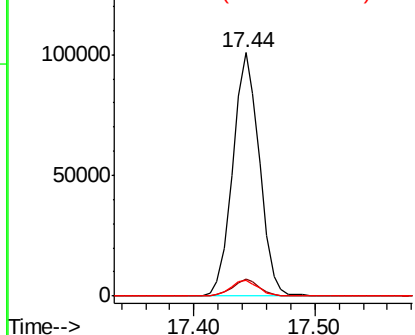


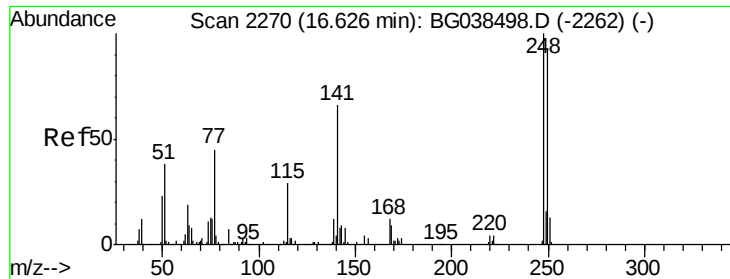
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038666.D
Acq: 17 Dec 2018 17:03

Tgt Ion:	188	Resp:	154828
Ion	Ratio	Lower	Upper
188	100		
94	7.0	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

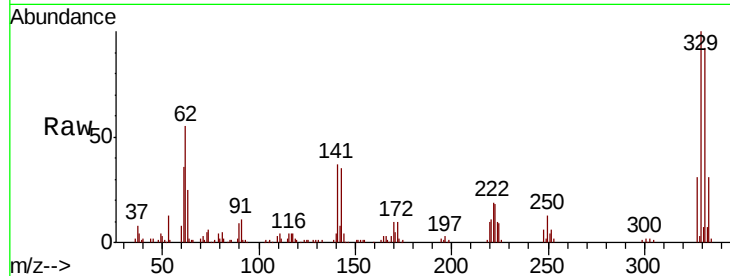




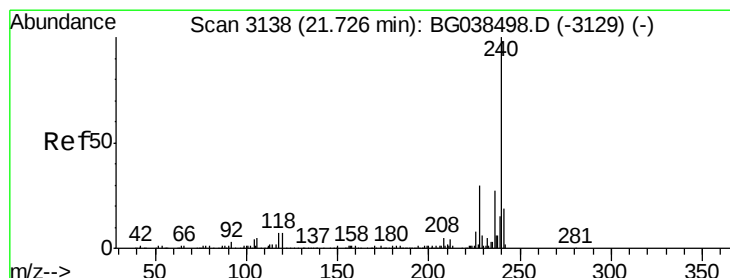
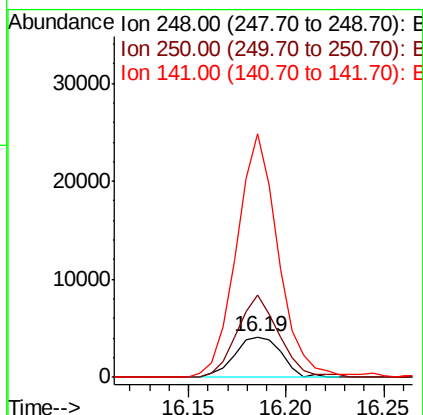
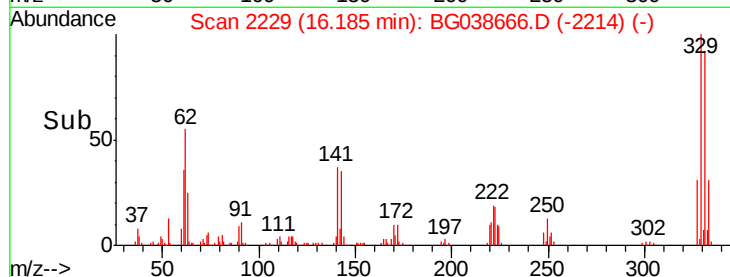
#67
 4-Bromophenyl-phenylether
 Concen: 3.566 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038666.D
 Acq: 17 Dec 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1824-01

Tgt Ion:248 Resp: 6743
 Ion Ratio Lower Upper
 248 100
 250 196.6 73.4 110.2#
 141 443.5 52.9 79.3#

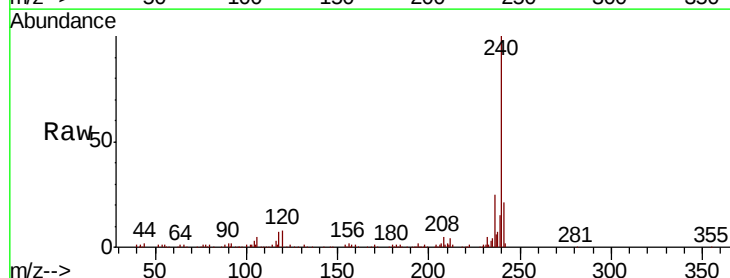


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

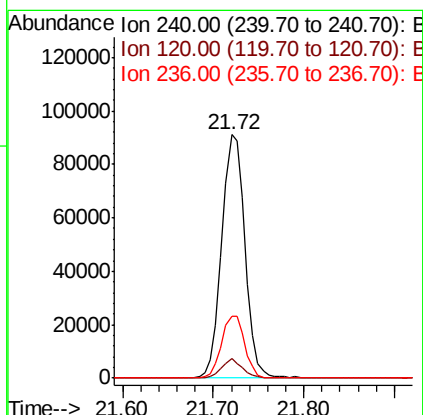
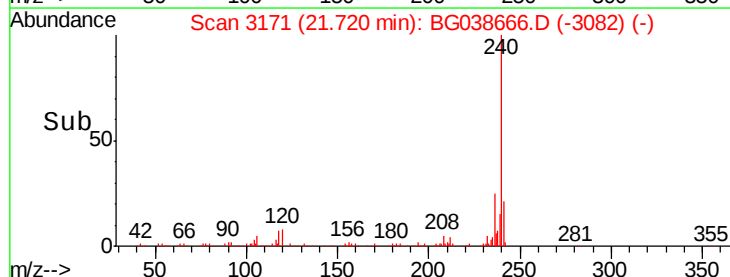


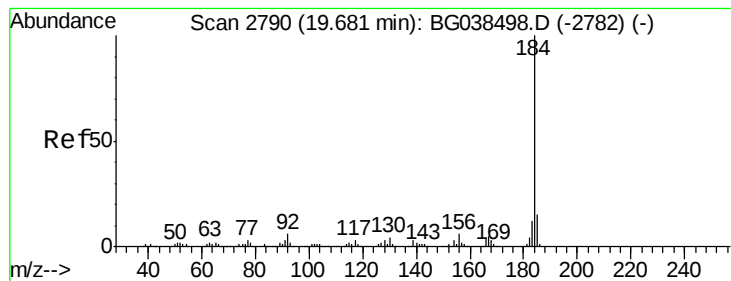
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038666.D
 Acq: 17 Dec 2018 17:03

Tgt Ion:240 Resp: 161584
 Ion Ratio Lower Upper
 240 100
 120 8.0 5.3 7.9#
 236 25.4 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: 2.041 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

Instrument :

BNA_G

ClientSampleId :

P001-SS001-1824-01

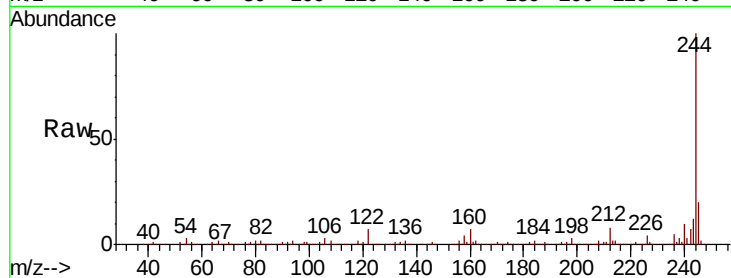
Tgt Ion:184 Resp: 9751

Ion Ratio Lower Upper

184 100

185 17.9 12.2 18.2

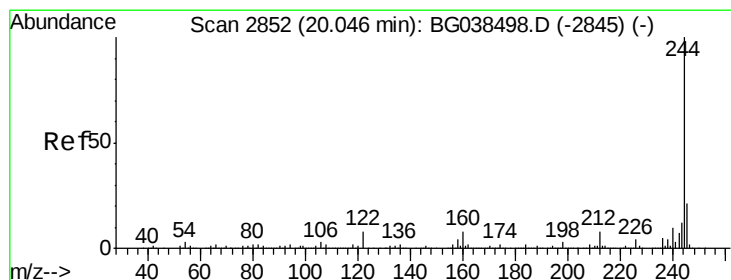
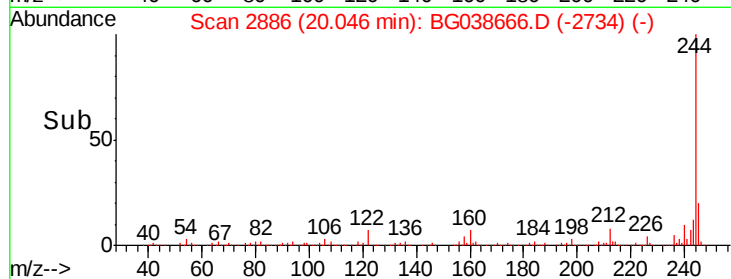
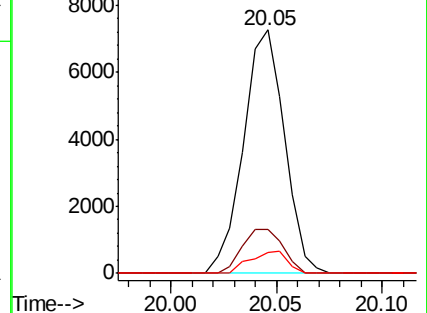
183 8.3 9.6 14.4#



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: 74.315 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038666.D

Acq: 17 Dec 2018 17:03

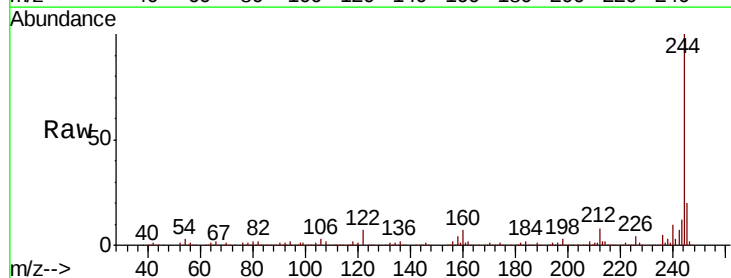
Tgt Ion:244 Resp: 551760

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

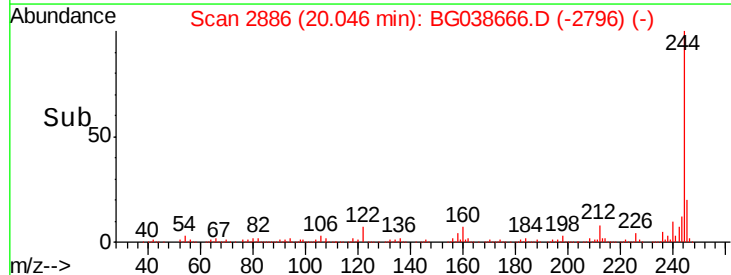
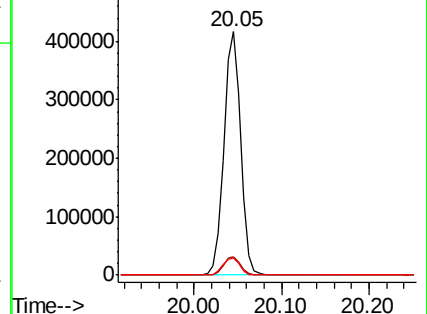
122 6.8 6.3 9.5

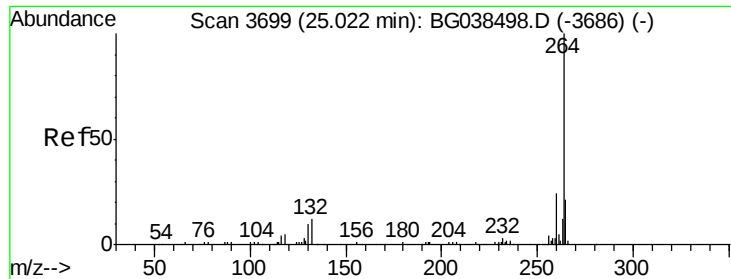


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.02 min Scan# 3733
 Delta R.T. 0.00 min
 Lab File: BG038666.D
 Acq: 17 Dec 2018 17:03

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS001-1824-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.8	17.0	25.4

