

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038803.D
 Acq On : 22 Dec 2018 2:00
 Operator : JU/SJ
 Sample : J6505-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-62(0-23)-COMP

Quant Time: Dec 22 03:40:18 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

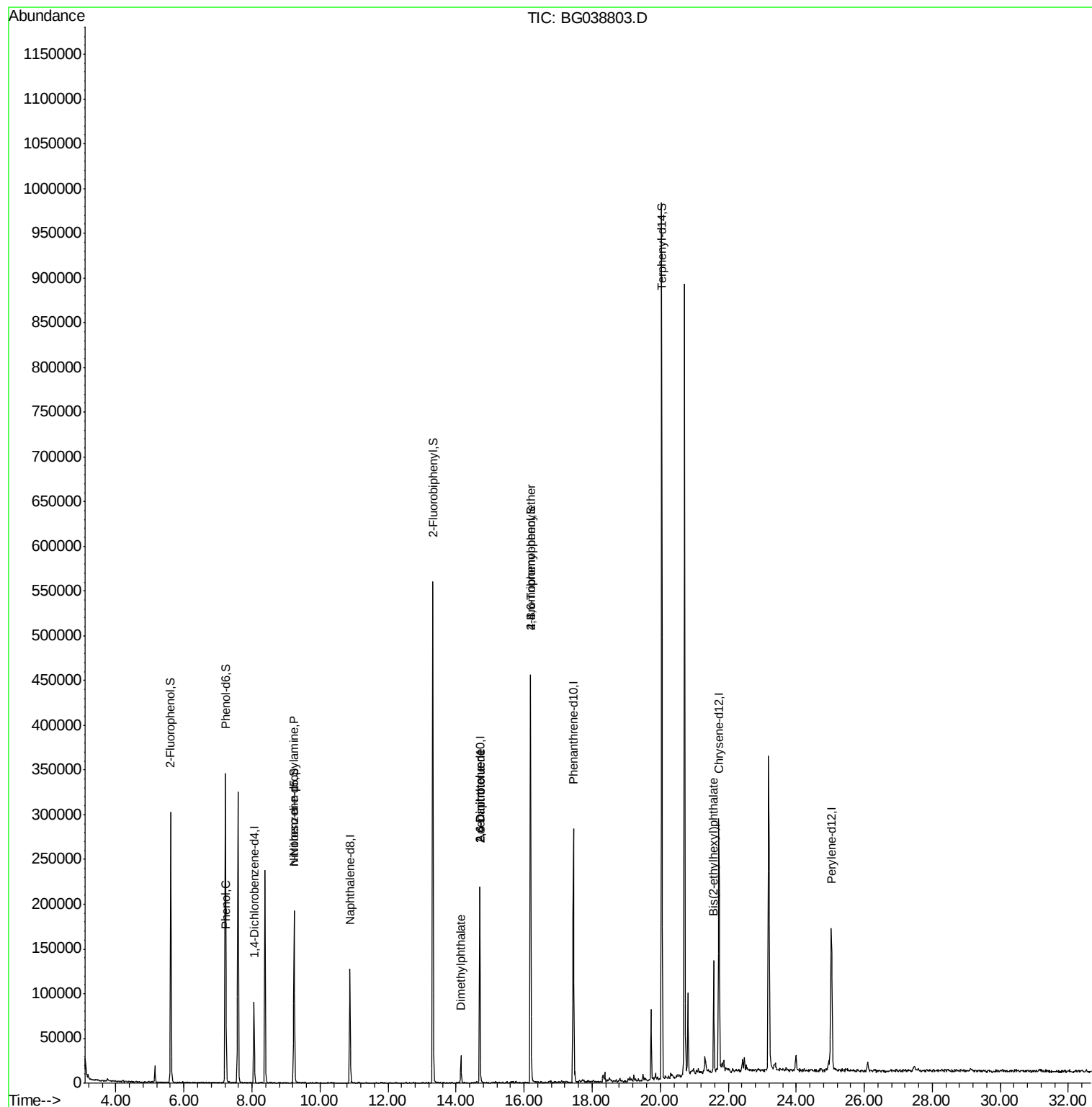
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	26514	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	114184	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79015	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	186315	20.00	ng	0.00
76) Chrysene-d12	21.72	240	180861	20.00	ng	0.00
87) Perylene-d12	25.03	264	195984	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134613	90.05	ng	0.01
7) Phenol-d6	7.22	99	195233	95.13	ng	0.01
23) Nitrobenzene-d5	9.24	82	117827	52.72	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	99344	91.23	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	314011	54.52	ng	0.00
79) Terphenyl-d14	20.04	244	491655	59.16	ng	0.00
Target Compounds						
10) Phenol	7.24	94	8837	4.053	ng	82
19) n-Nitroso-di-n-propylamine	9.24	70	15718	10.905	ng	# 62
50) Dimethylphthalate	14.14	163	24621	3.816	ng	99
51) 2,6-Dinitrotoluene	14.70	165	10260	7.016	ng	# 21
57) 2,4-Dinitrotoluene	14.70	165	10260	4.982	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	6696	2.943	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.57	149	52572	7.941	ng	100

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

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QLast Update : Wed Dec 12 15:26:27 2018
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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: BG038803.D

Acq: 22 Dec 2018 2:00

Instrument :

BNA_G

ClientSampleId :

SB-62(0-23)-COMP

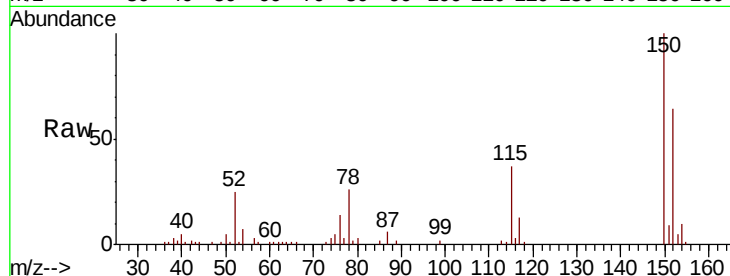
Tgt Ion:152 Resp: 26514

Ion Ratio Lower Upper

152 100

150 156.2 119.5 179.3

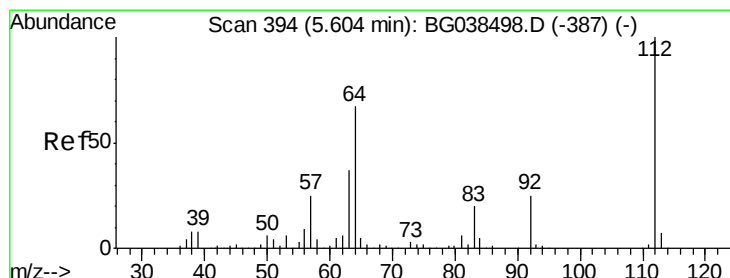
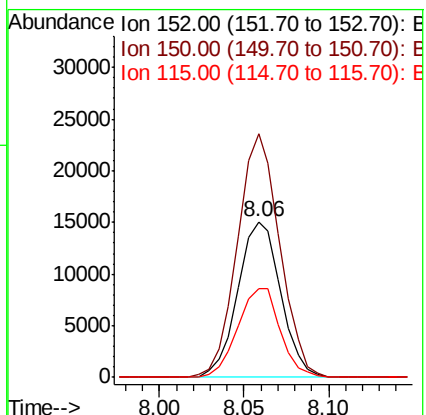
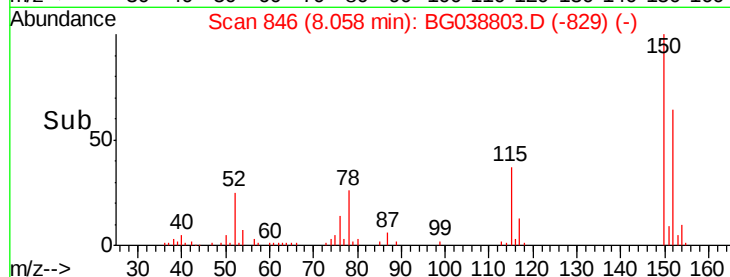
115 57.3 49.6 74.4



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



#5

2-Fluorophenol

Concen: 90.049 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

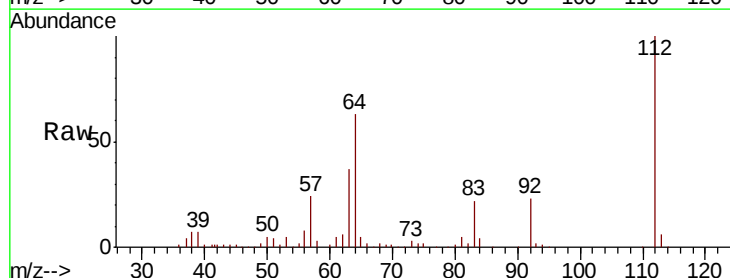
Tgt Ion:112 Resp: 134613

Ion Ratio Lower Upper

112 100

64 63.3 53.4 80.2

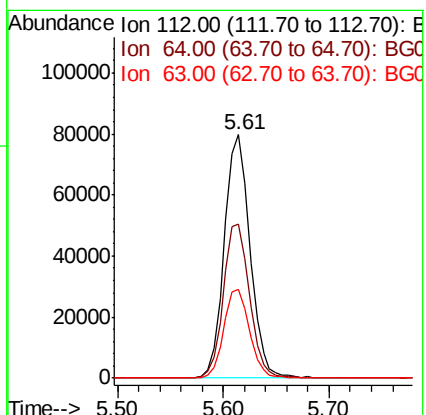
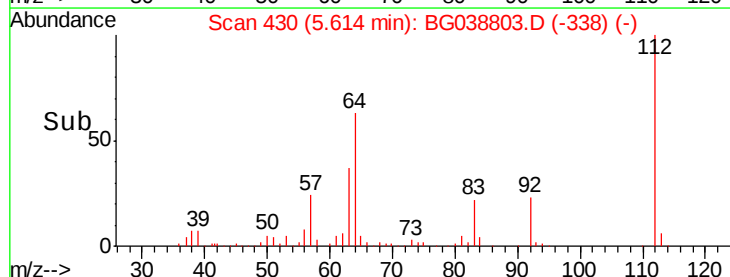
63 36.7 29.3 43.9



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: 95.134 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

Instrument :

BNA_G

ClientSampleId :

SB-62(0-23)-COMP

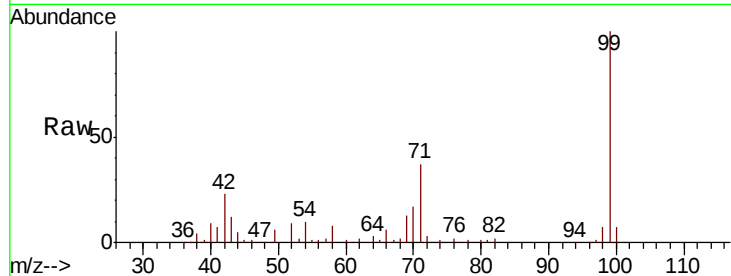
Tgt Ion: 99 Resp: 195233

Ion Ratio Lower Upper

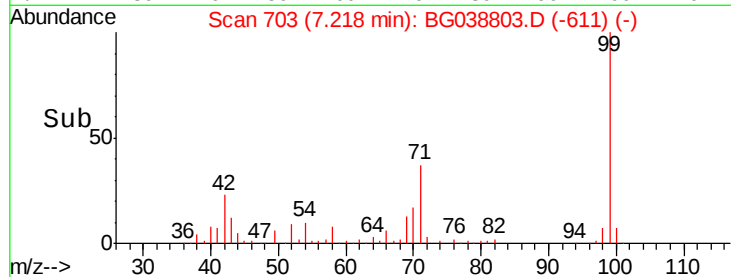
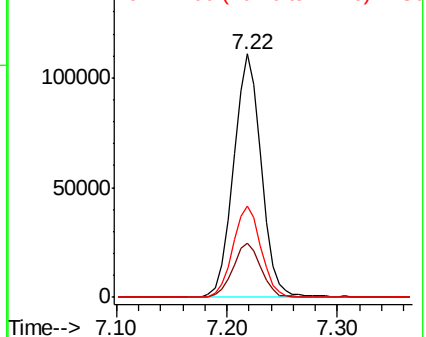
99 100

42 22.5 18.5 27.7

71 37.5 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: 4.053 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

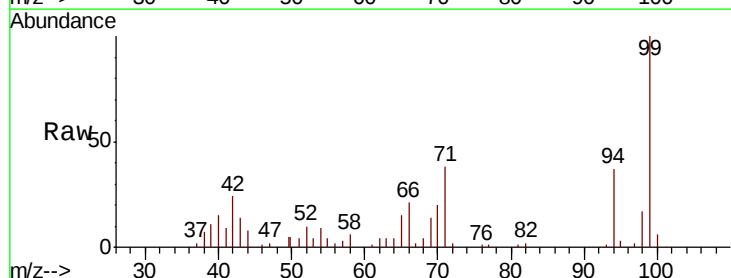
Tgt Ion: 94 Resp: 8837

Ion Ratio Lower Upper

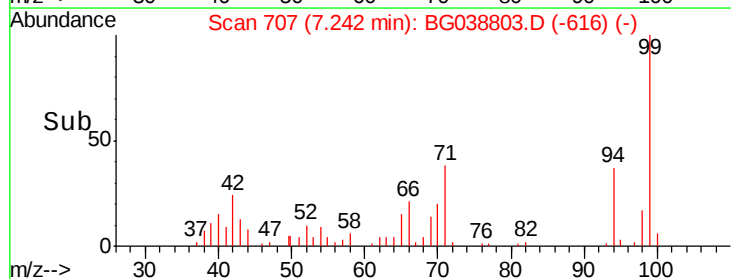
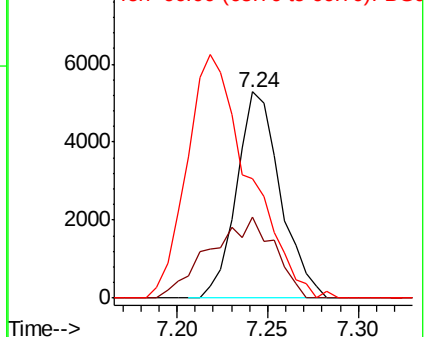
94 100

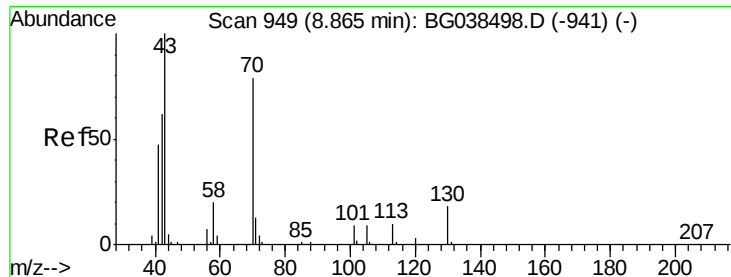
65 39.6 12.6 52.6

66 58.1 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

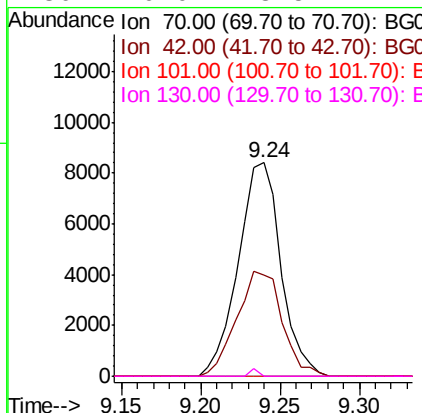
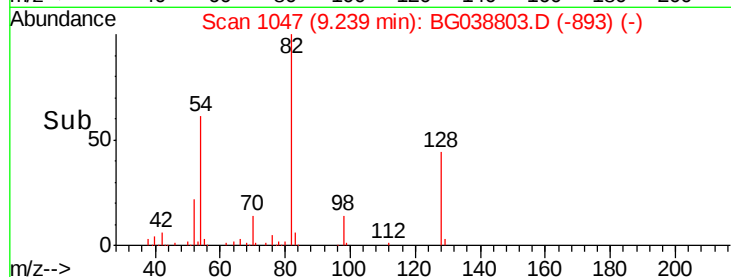
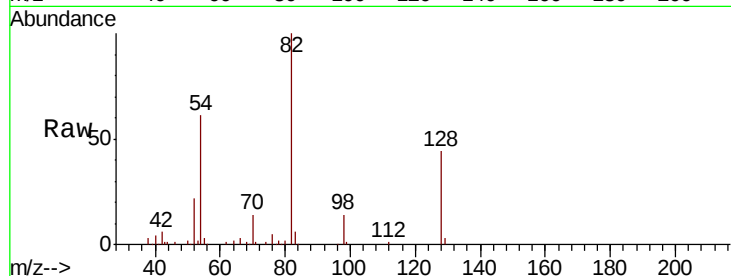




#19
n-Nitroso-di-n-propylamine
Concen: 10.905 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.37 min
Lab File: BG038803.D
Acq: 22 Dec 2018 2:00

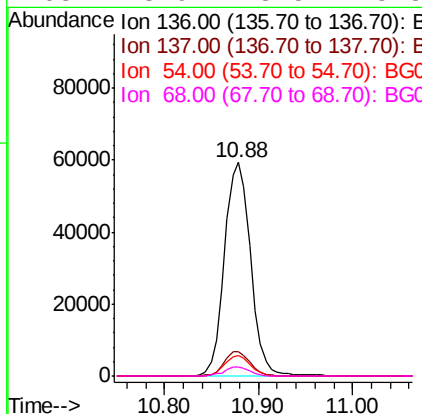
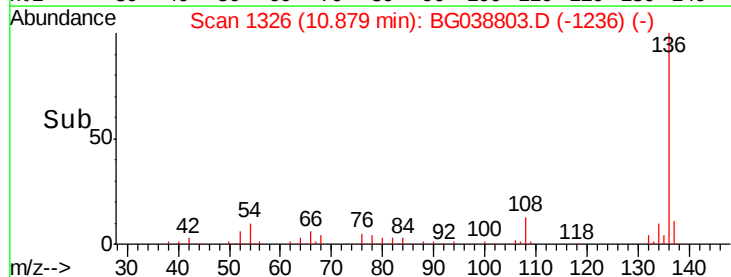
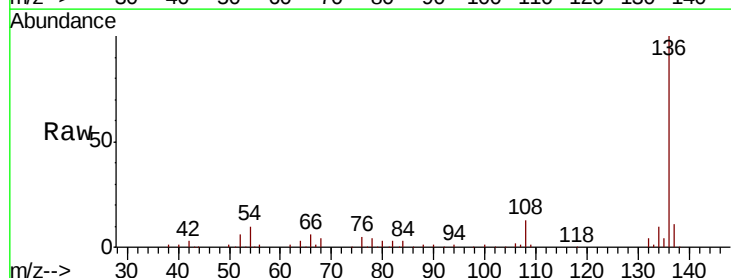
Instrument :
BNA_G
ClientSampleId :
SB-62(0-23)-COMP

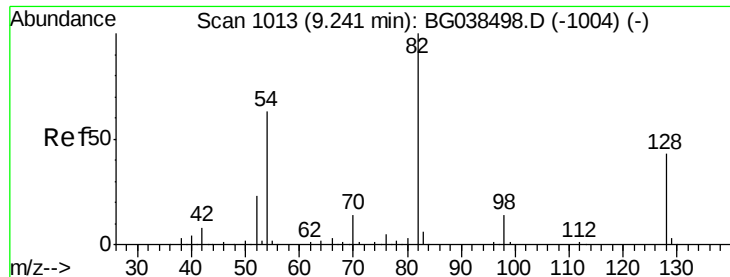
Tgt Ion: 70 Resp: 15718
Ion Ratio Lower Upper
70 100
42 47.2 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038803.D
Acq: 22 Dec 2018 2:00

Tgt Ion: 136 Resp: 114184
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 9.6 8.5 12.7
68 3.9 3.5 5.3

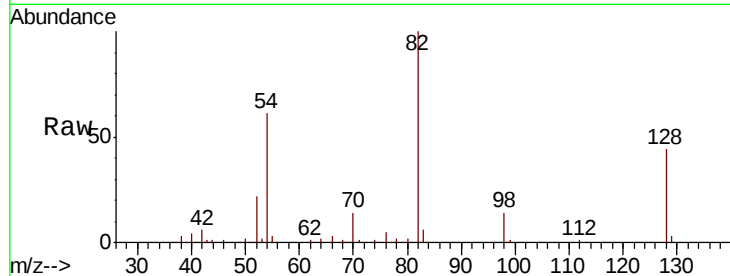




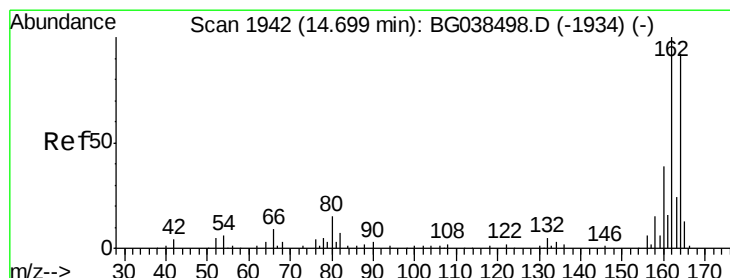
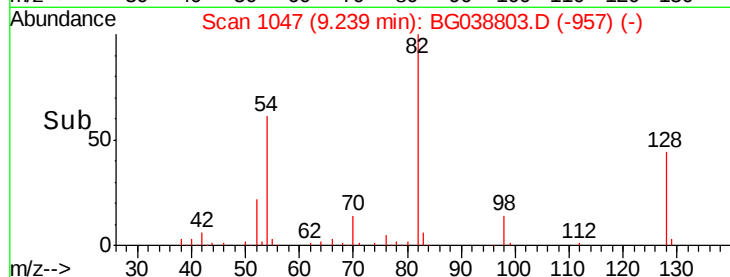
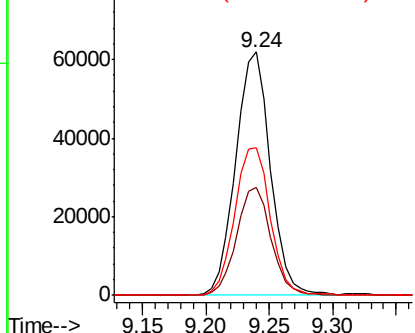
#23
 Nitrobenzene-d5
 Concen: 52.717 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-62(0-23)-COMP

Tgt Ion: 82 Resp: 117827
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 52.0
 54 60.7 50.6 76.0

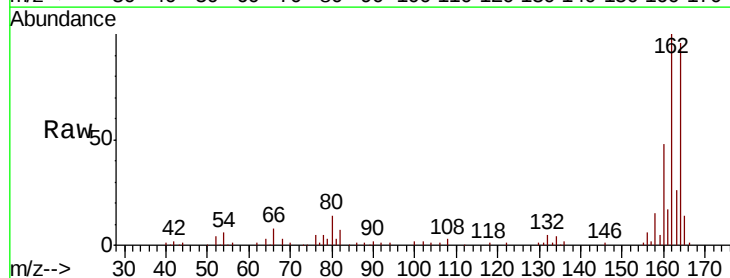


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

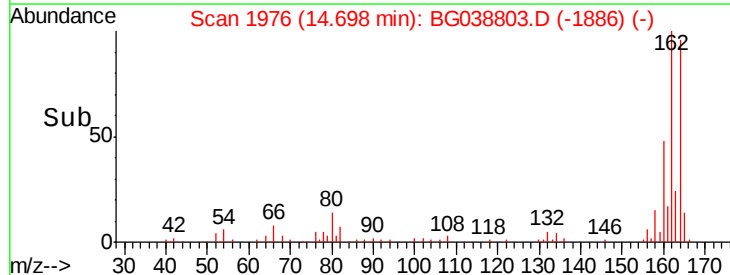
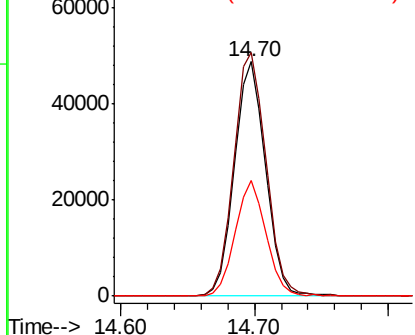


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Tgt Ion: 164 Resp: 79015
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.6 130.0
 160 49.4 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

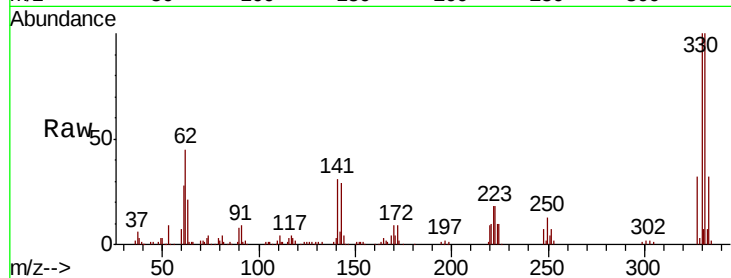




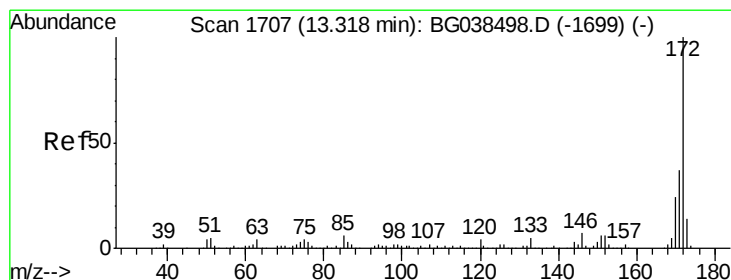
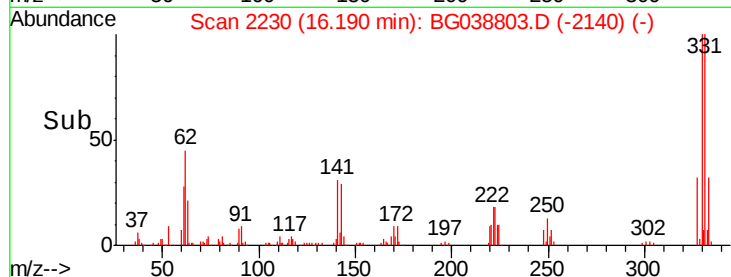
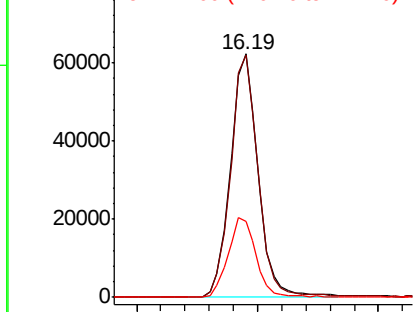
#42
 2,4,6-Tribromophenol
 Concen: 91.228 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-62(0-23)-COMP

Tgt Ion:330 Resp: 99344
 Ion Ratio Lower Upper
 330 100
 332 99.2 76.9 115.3
 141 33.1 28.8 43.2

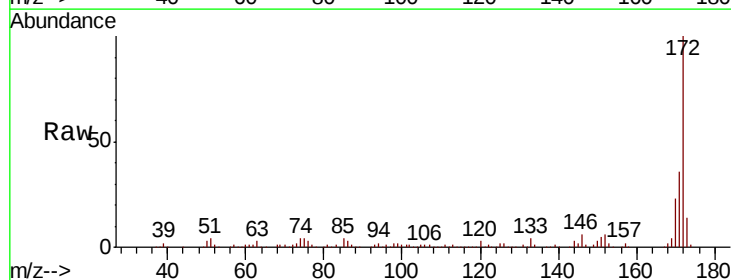


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

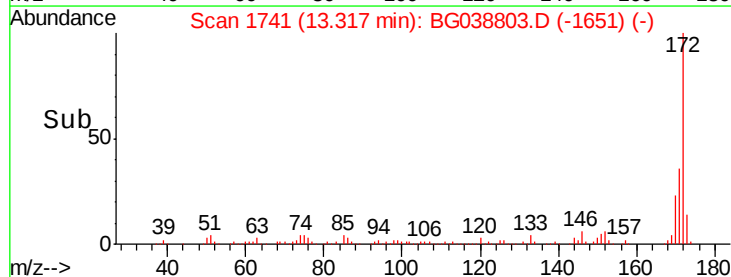
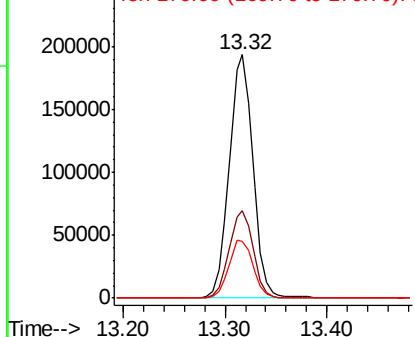


#45
 2-Fluorobiphenyl
 Concen: 54.518 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Tgt Ion:172 Resp: 314011
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.8 44.6
 170 23.3 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: 3.816 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

Instrument :

BNA_G

ClientSampleId :

SB-62(0-23)-COMP

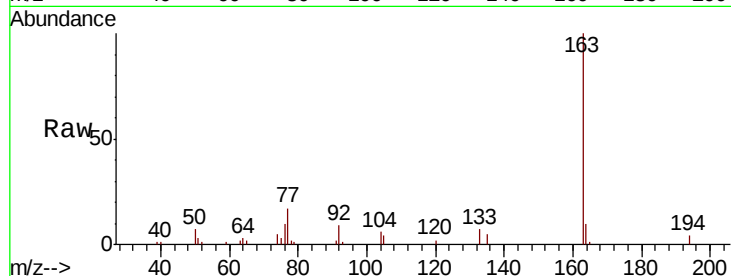
Tgt Ion:163 Resp: 24621

Ion Ratio Lower Upper

163 100

194 4.0 3.7 5.5

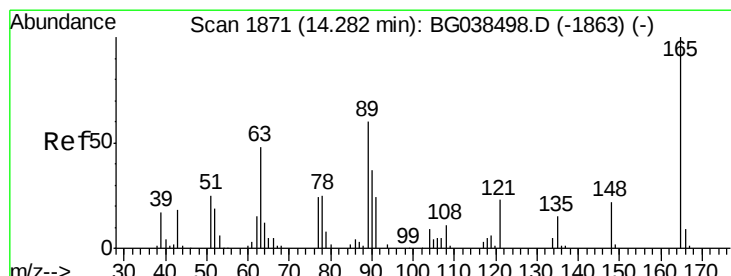
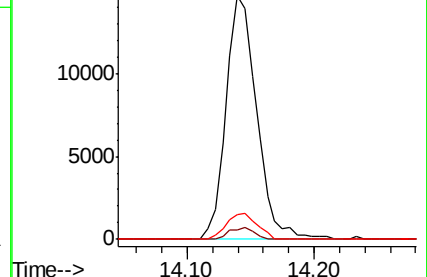
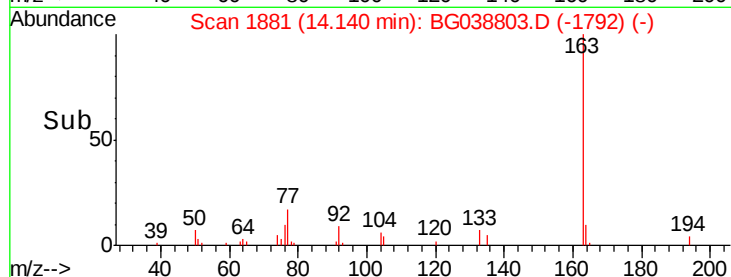
164 10.4 8.6 12.8



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: 7.016 ng

RT: 14.70 min Scan# 1976

Delta R.T. 0.42 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

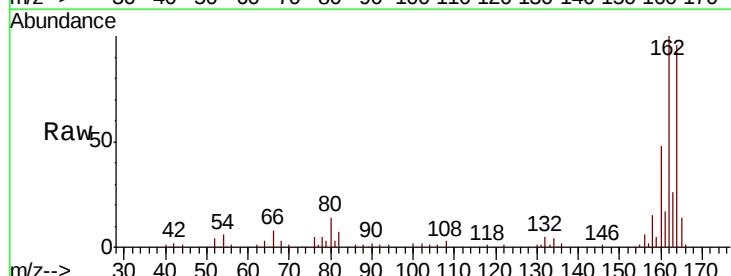
Tgt Ion:165 Resp: 10260

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

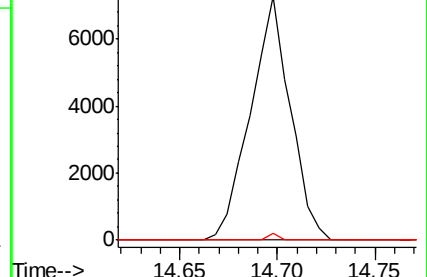
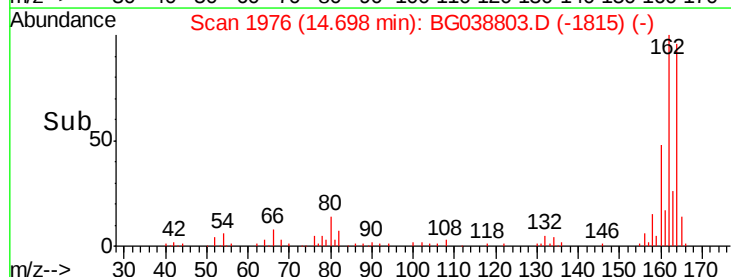
89 2.8 47.9 71.9#

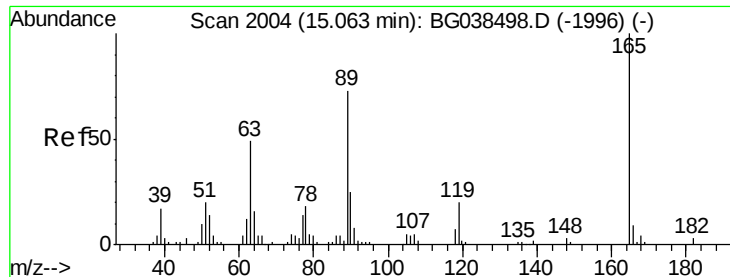


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

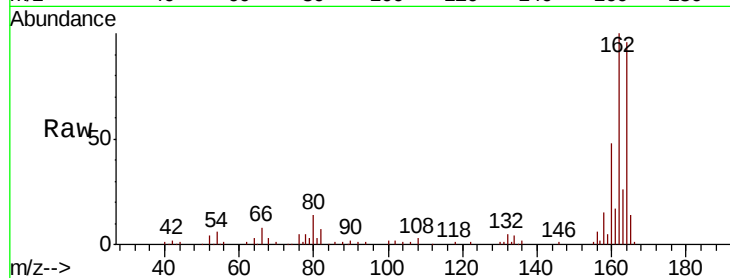




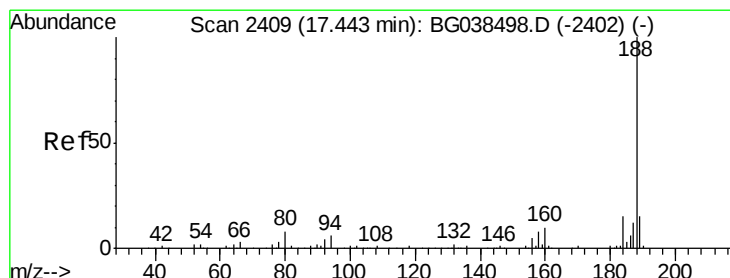
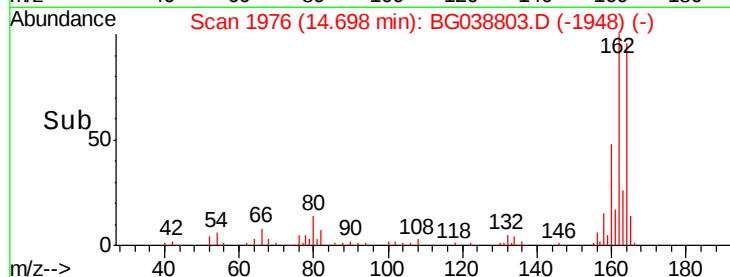
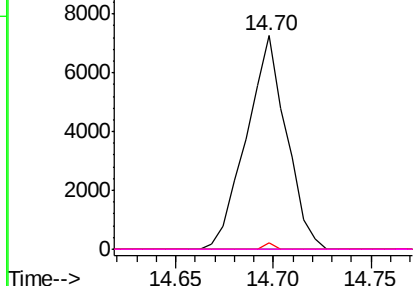
#57
2,4-Dinitrotoluene
Concen: 4.982 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.37 min
Lab File: BG038803.D
Acq: 22 Dec 2018 2:00

Instrument :
BNA_G
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SB-62(0-23)-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	2.8	58.0	87.0#
182	0.0	2.3	3.5#

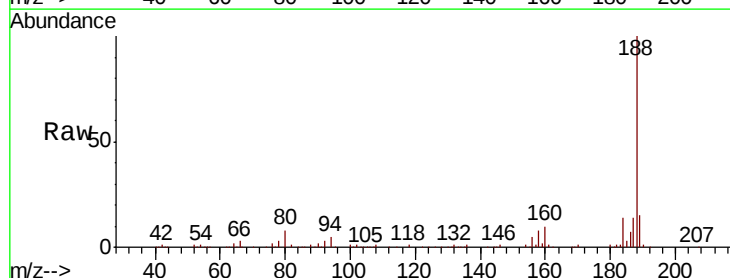


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

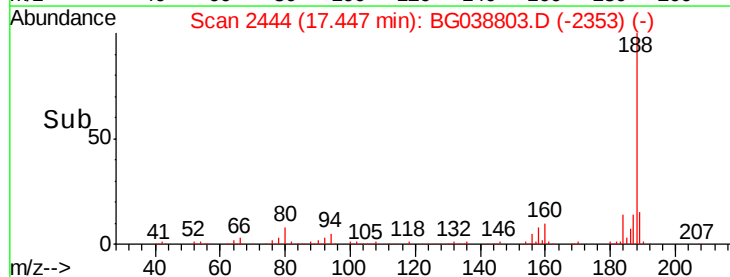
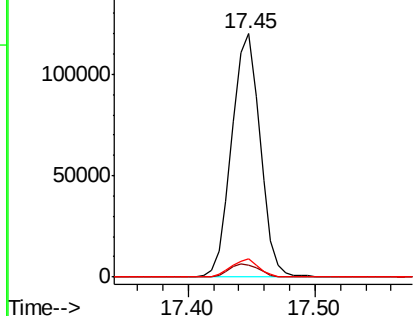


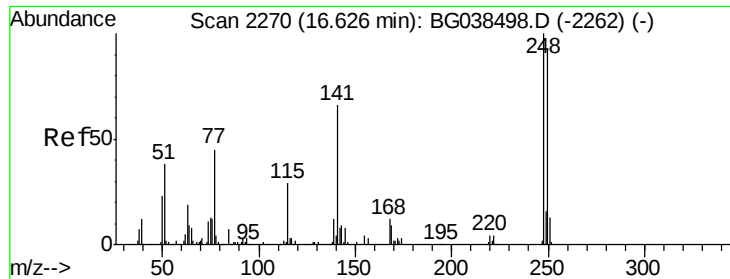
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038803.D
Acq: 22 Dec 2018 2:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	5.1	7.7
80	7.5	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

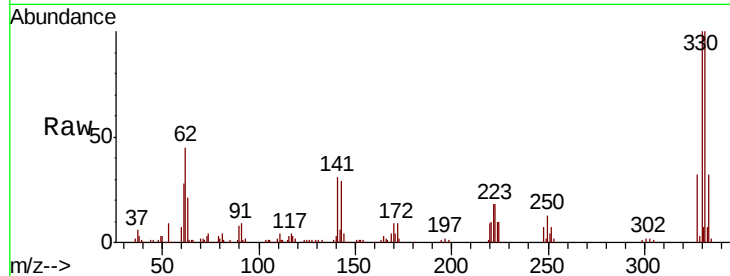




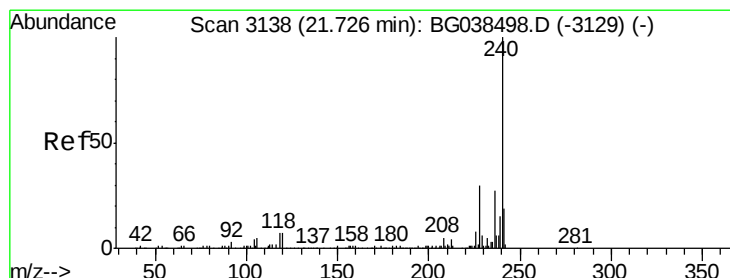
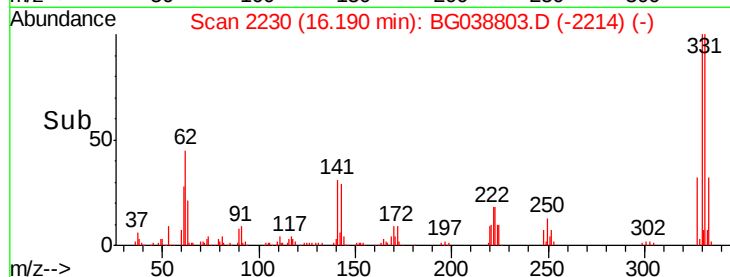
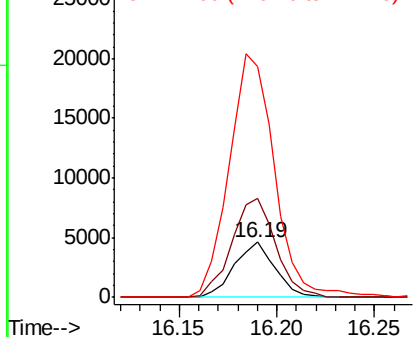
#67
 4-Bromophenyl-phenylether
 Concen: 2.943 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Instrument :
 BNA_G
 ClientSampleId :
 SB-62(0-23)-COMP

Tgt Ion:248 Resp: 6696
 Ion Ratio Lower Upper
 248 100
 250 181.1 73.4 110.2#
 141 322.9 52.9 79.3#

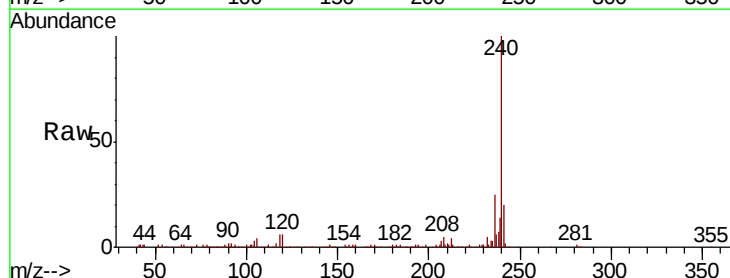


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

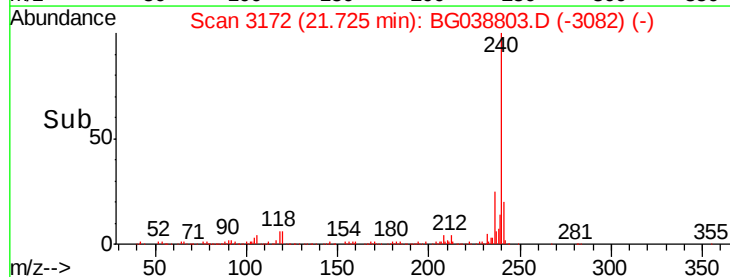
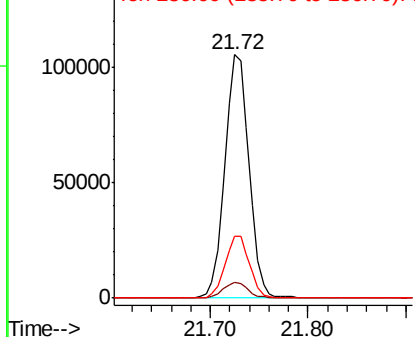


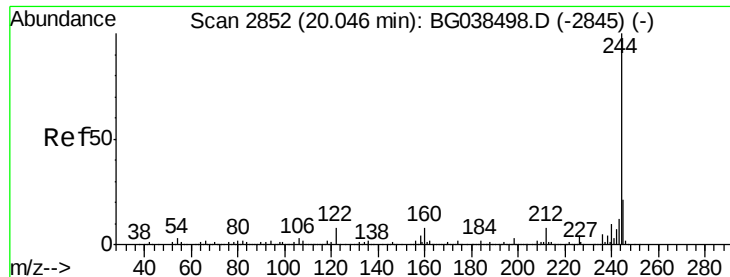
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038803.D
 Acq: 22 Dec 2018 2:00

Tgt Ion:240 Resp: 180861
 Ion Ratio Lower Upper
 240 100
 120 6.4 5.3 7.9
 236 25.5 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





#79

Terphenyl-d14

Concen: 59.162 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

Instrument :

BNA_G

ClientSampleId :

SB-62(0-23)-COMP

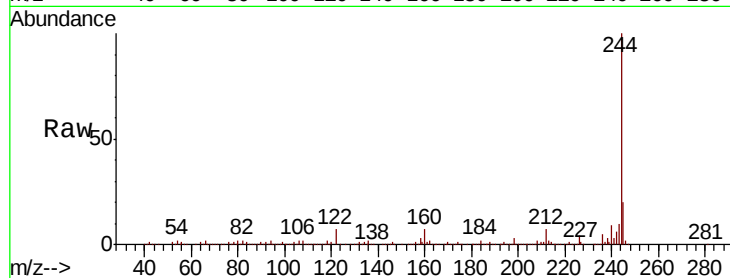
Tgt Ion:244 Resp: 491655

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

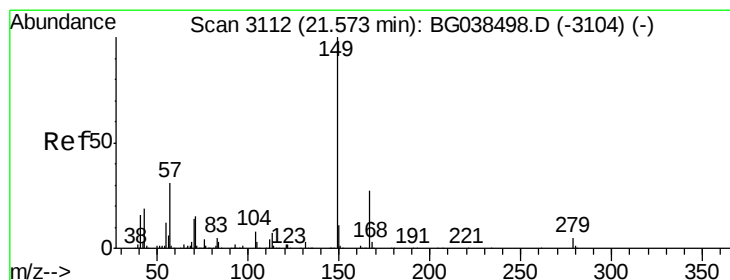
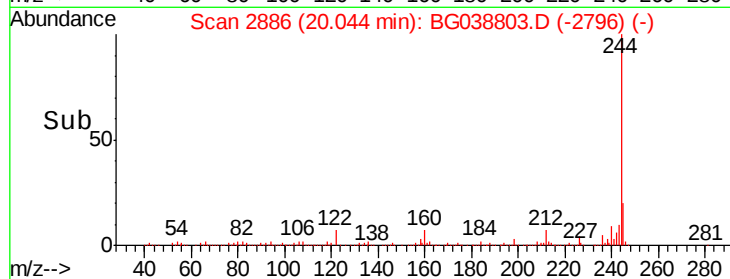
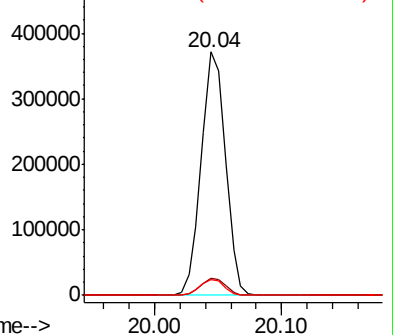
122 6.7 6.3 9.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.941 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038803.D

Acq: 22 Dec 2018 2:00

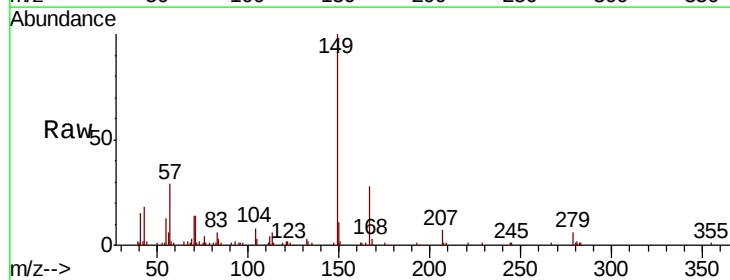
Tgt Ion:149 Resp: 52572

Ion Ratio Lower Upper

149 100

167 27.6 21.9 32.9

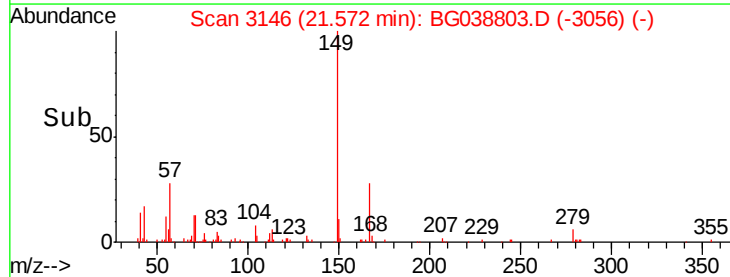
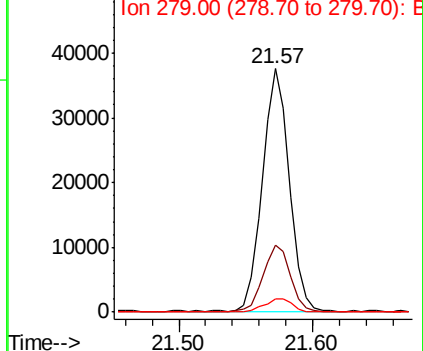
279 5.5 4.2 6.2

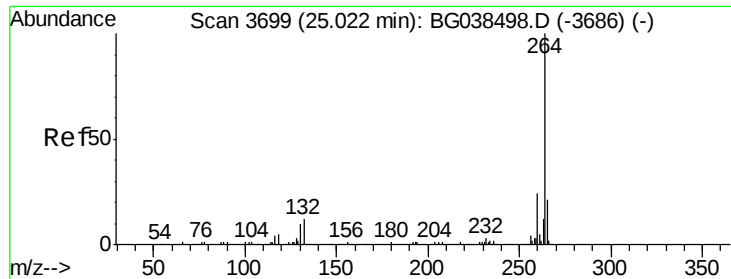


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.03 min Scan# 3735
Delta R.T. 0.01 min
Lab File: BG038803.D
Acq: 22 Dec 2018 2:00

Instrument :
BNA_G
ClientSampleId :
SB-62(0-23)-COMP

Tgt Ion: 264 Resp: 195984
Ion Ratio Lower Upper
264 100
260 22.5 18.9 28.3
265 20.6 17.0 25.4

