

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038659.D
 Acq On : 17 Dec 2018 12:25
 Operator : JU/SJ
 Sample : J6379-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS004-1824-01

Quant Time: Dec 18 02:56:12 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

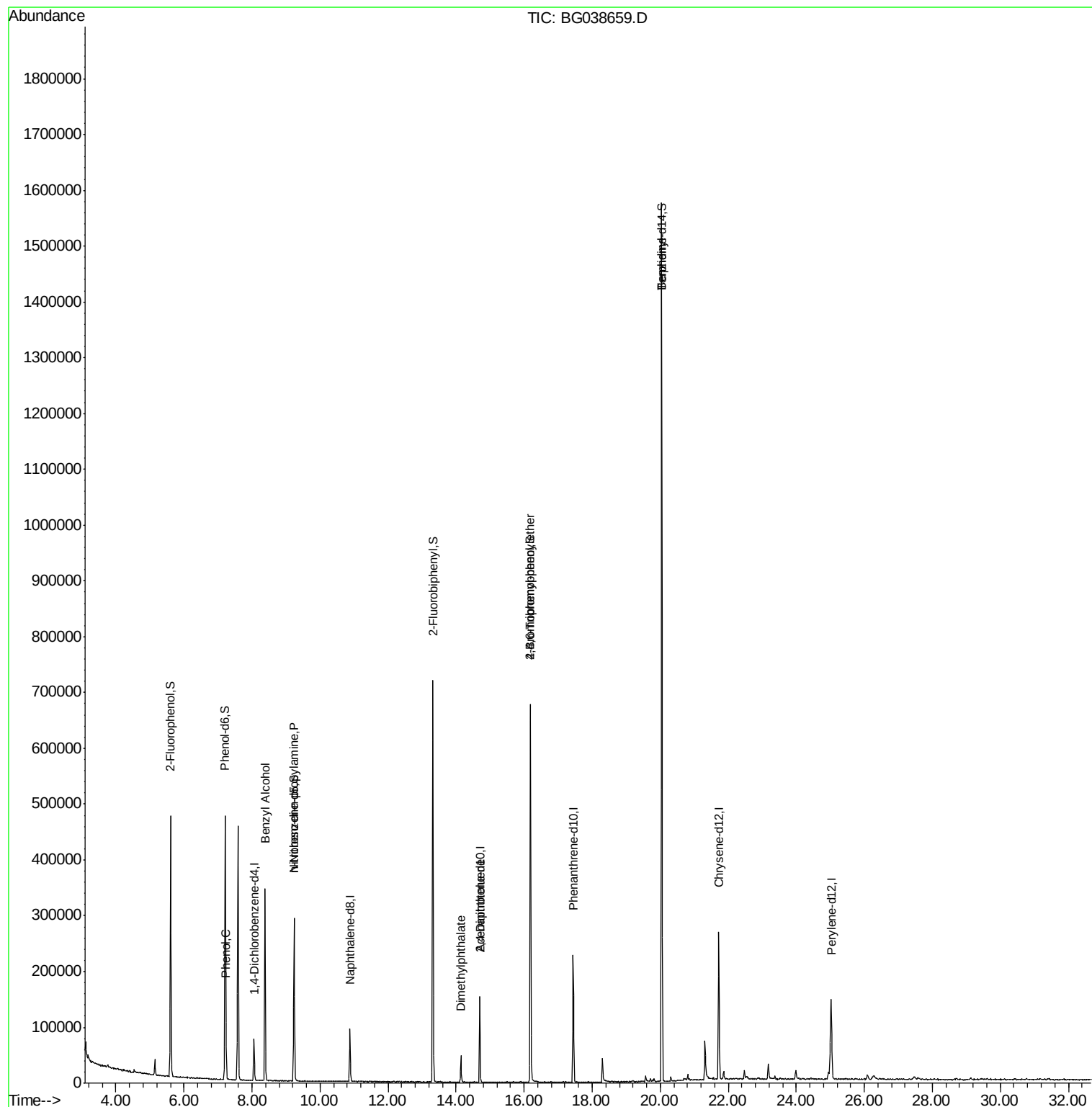
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20726	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	82662	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	54955	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152719	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169447	20.00	ng	0.00
87) Perylene-d12	25.02	264	176580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	189493	162.16	ng	0.00
7) Phenol-d6	7.21	99	257892	160.76	ng	0.00
23) Nitrobenzene-d5	9.24	82	173140	107.00	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	134952	178.18	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	374963	93.60	ng	0.00
79) Terphenyl-d14	20.04	244	775188	99.56	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16275	9.549	ng	97
15) Benzyl Alcohol	8.39	79	2795	2.232	ng	# 43
19) n-Nitroso-di-n-propylamine	9.24	70	23198	20.589	ng	# 69
50) Dimethylphthalate	14.14	163	34334	7.650	ng	# 98
57) 2,4-Dinitrotoluene	14.69	165	6745	4.709	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	9074	4.865	ng	# 1
77) Benzidine	20.04	184	13939	2.782	ng	# 92

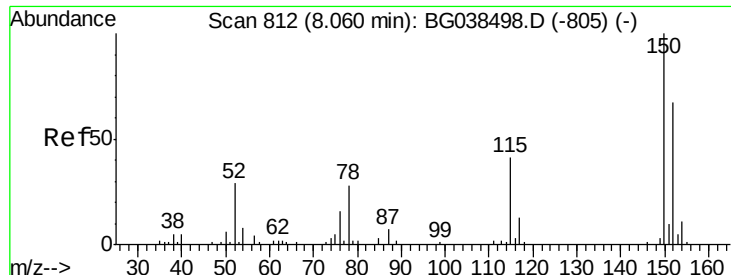
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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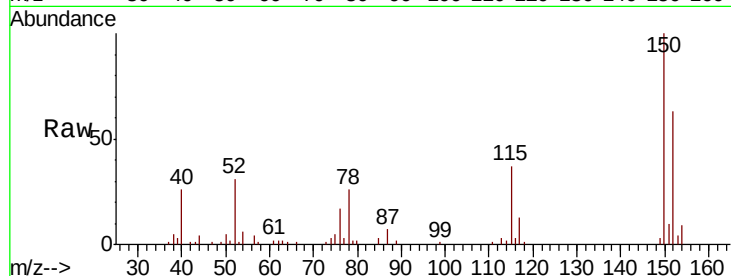




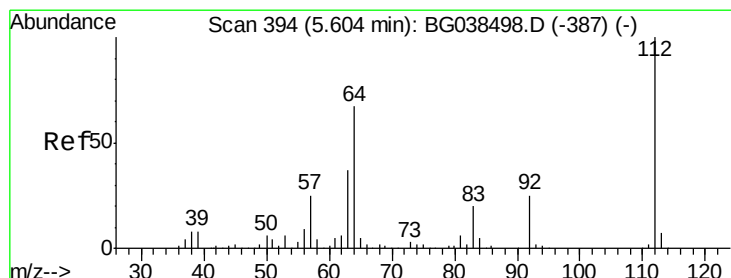
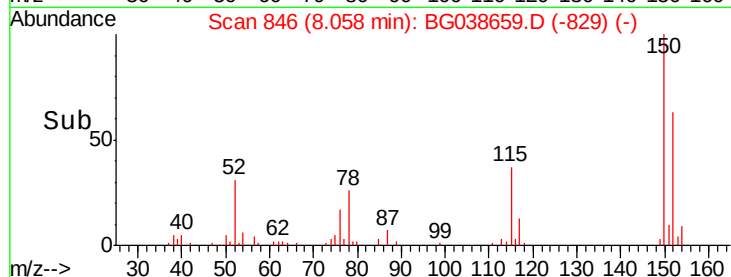
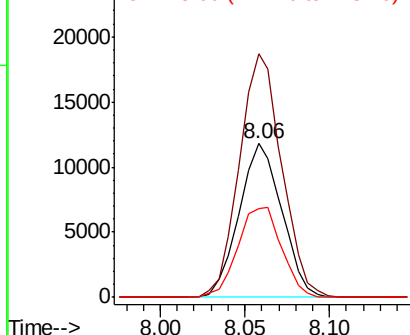
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS004-1824-01

Tgt Ion:152 Resp: 20726
 Ion Ratio Lower Upper
 152 100
 150 158.7 119.5 179.3
 115 58.1 49.6 74.4

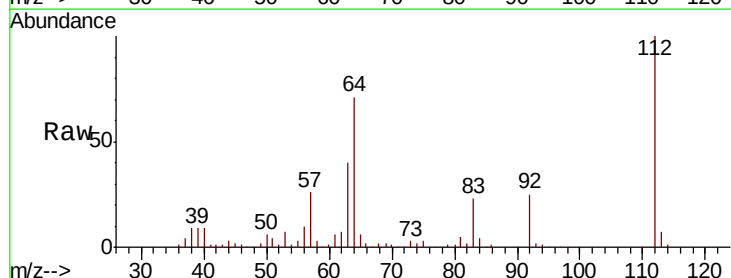


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

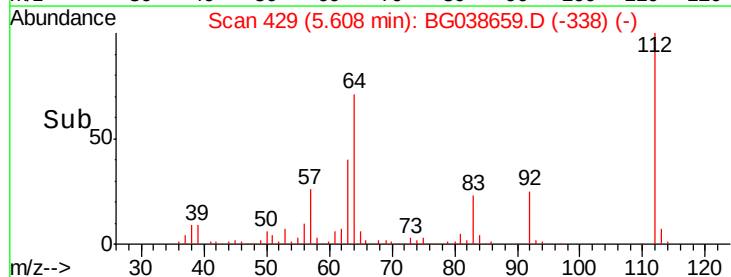
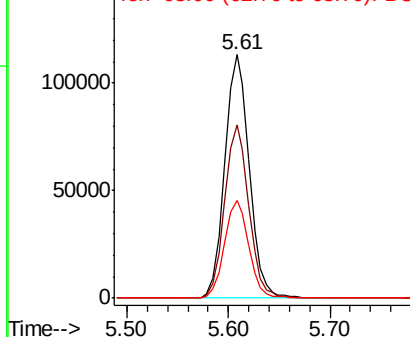


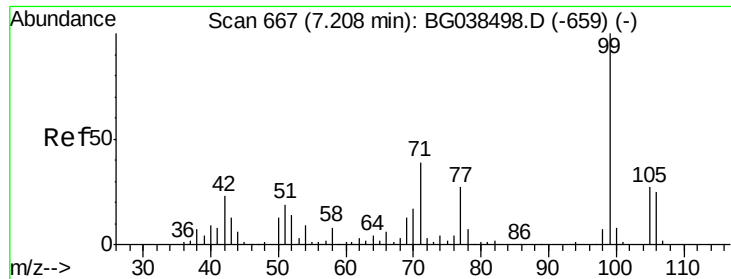
#5
 2-Fluorophenol
 Concen: 162.161 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Tgt Ion:112 Resp: 189493
 Ion Ratio Lower Upper
 112 100
 64 71.0 53.4 80.2
 63 40.1 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: 160.761 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

P001-SS004-1824-01

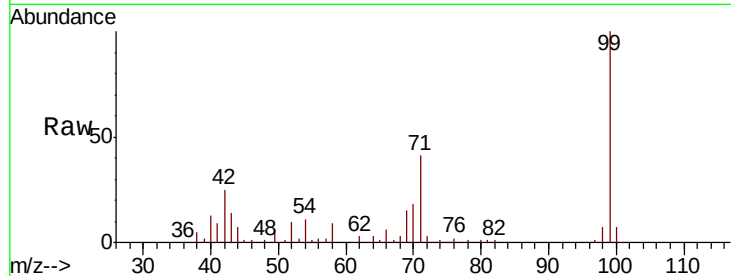
Tgt Ion: 99 Resp: 257892

Ion Ratio Lower Upper

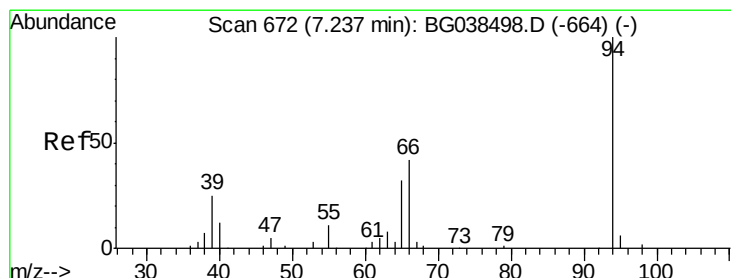
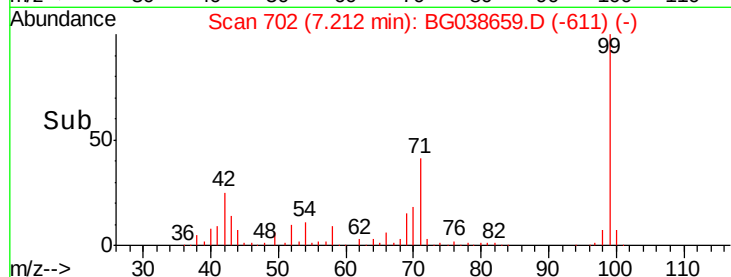
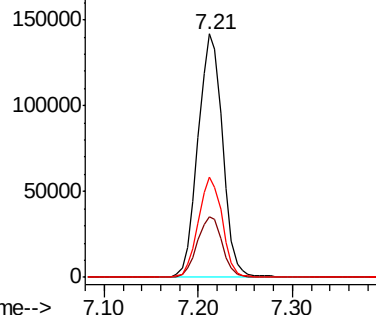
99 100

42 25.1 18.5 27.7

71 41.1 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: 9.549 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

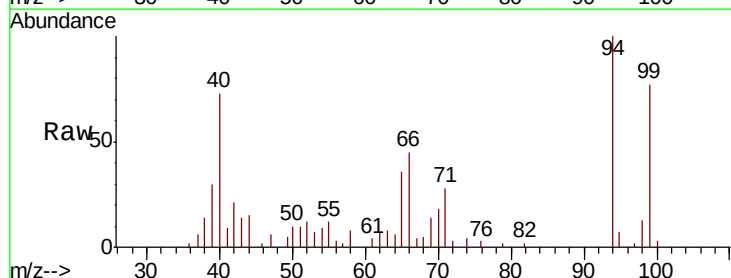
Tgt Ion: 94 Resp: 16275

Ion Ratio Lower Upper

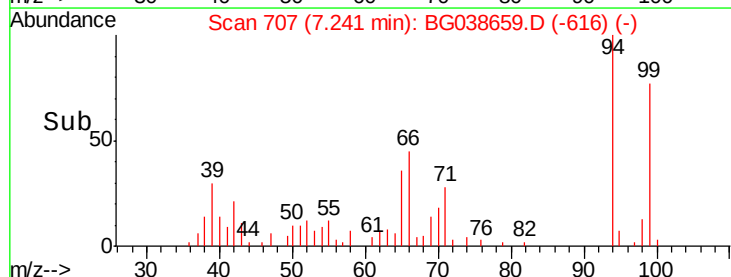
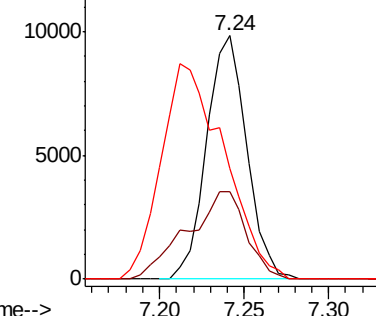
94 100

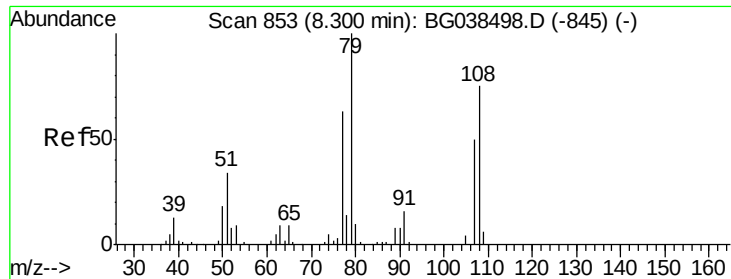
65 35.9 12.6 52.6

66 45.2 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





#15

Benzyl Alcohol

Concen: 2.232 ng

RT: 8.39 min Scan# 902

Delta R.T. 0.09 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

P001-SS004-1824-01

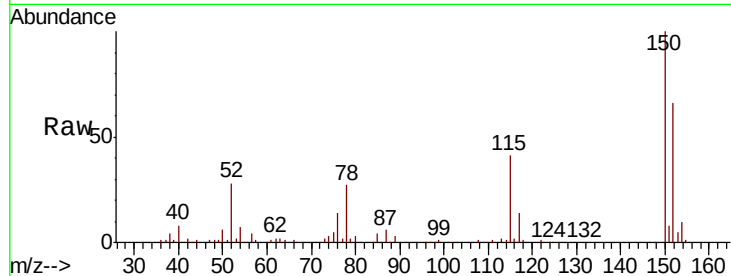
Tgt Ion: 79 Resp: 2795

Ion Ratio Lower Upper

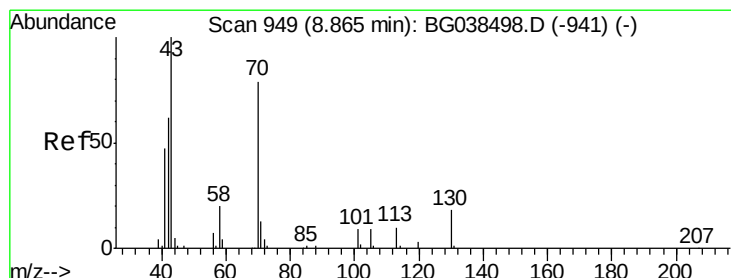
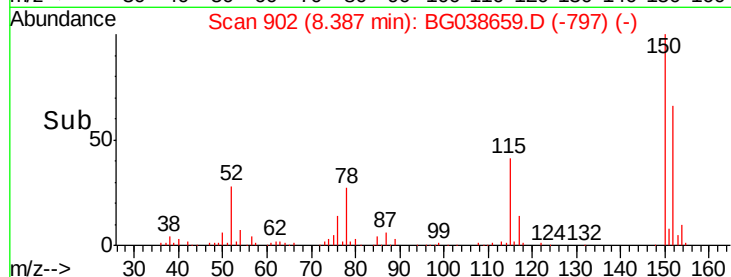
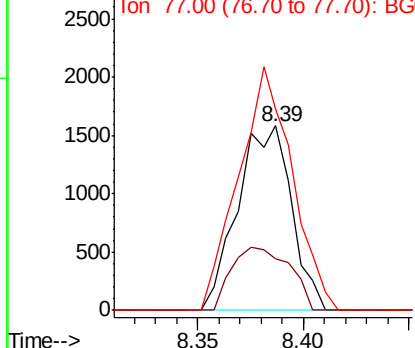
79 100

108 28.2 60.2 90.4#

77 109.6 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: 20.589 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

Tgt Ion: 70 Resp: 23198

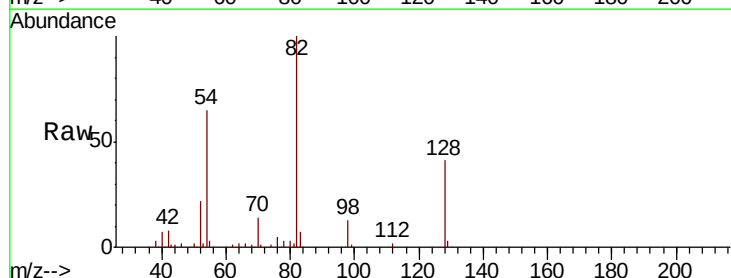
Ion Ratio Lower Upper

70 100

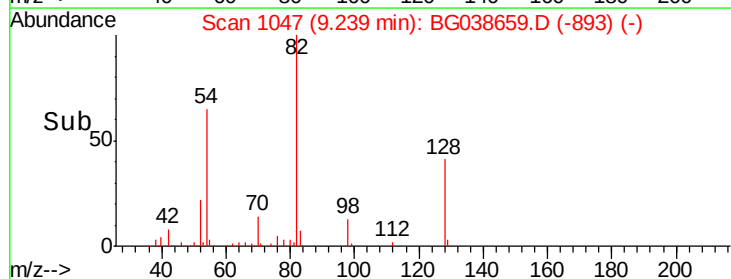
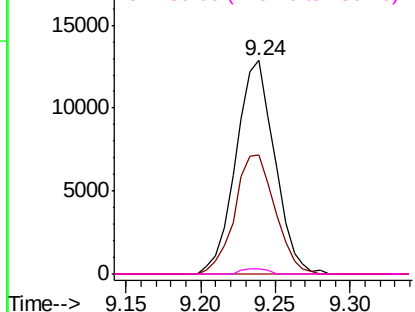
42 55.6 63.6 95.4#

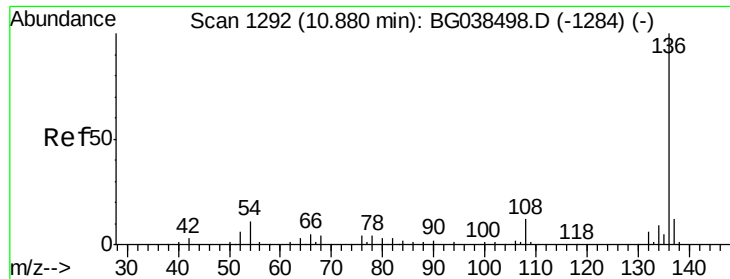
101 0.0 9.2 13.8#

130 2.5 18.5 27.7#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

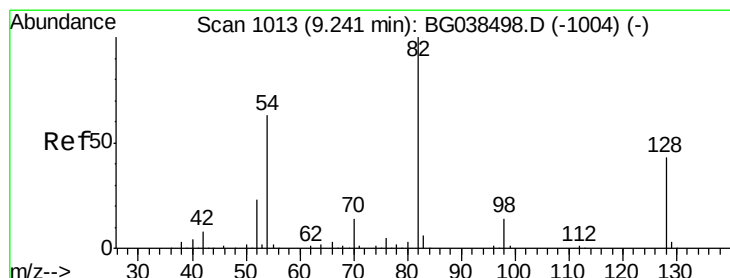
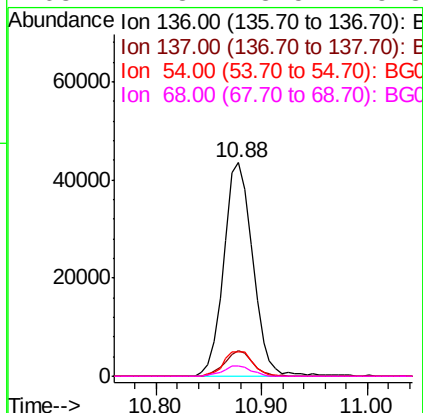
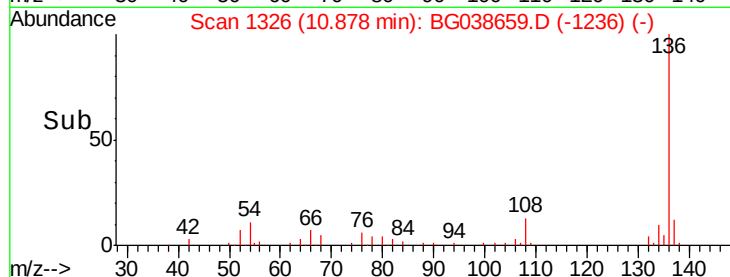
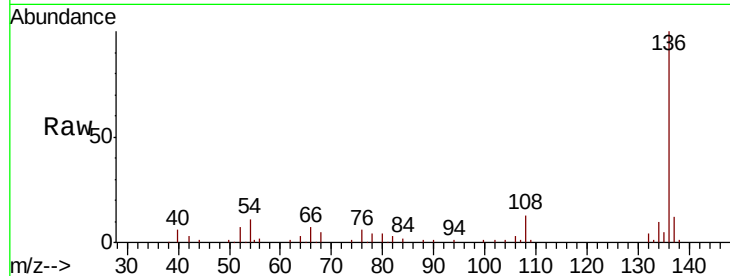




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038659.D
Acq: 17 Dec 2018 12:25

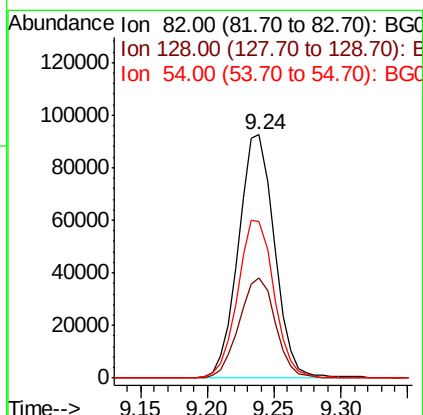
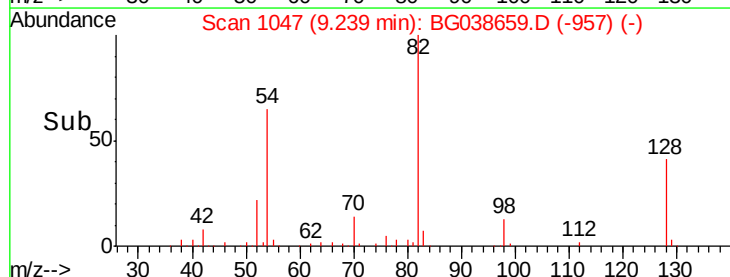
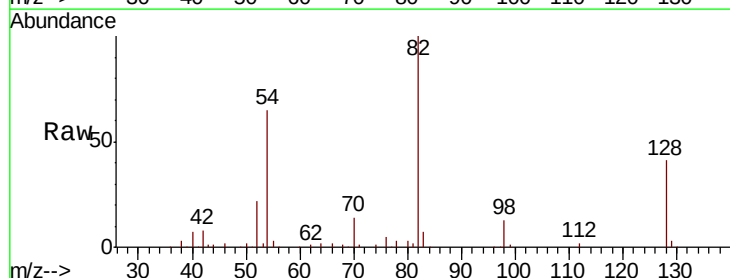
Instrument :
BNA_G
ClientSampleId :
P001-SS004-1824-01

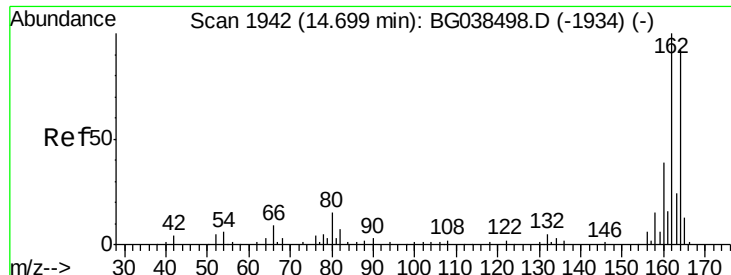
Tgt Ion:	136	Resp:	82662
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.4	8.5	12.7
68	4.8	3.5	5.3



#23
Nitrobenzene-d5
Concen: 107.005 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038659.D
Acq: 17 Dec 2018 12:25

Tgt Ion:	82	Resp:	173140
Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	64.5	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

P001-SS004-1824-01

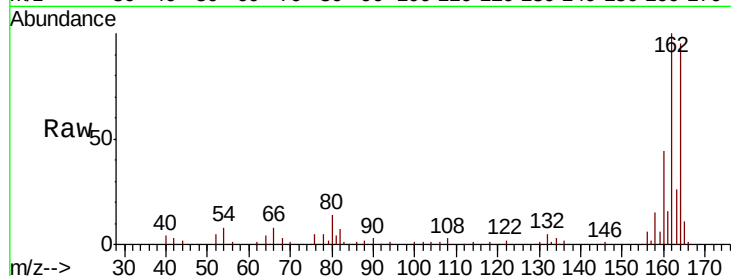
Tgt Ion:164 Resp: 54955

Ion Ratio Lower Upper

164 100

162 105.3 86.6 130.0

160 46.0 34.2 51.2

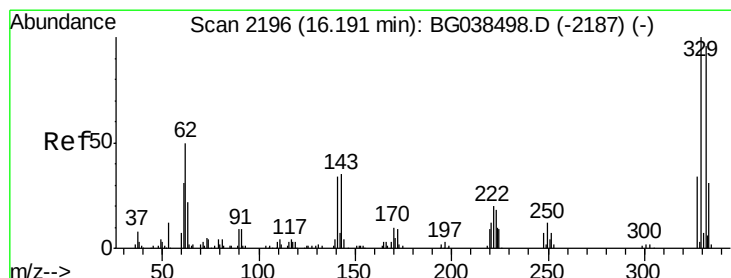
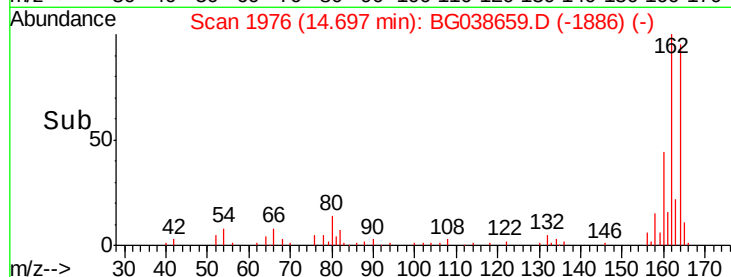
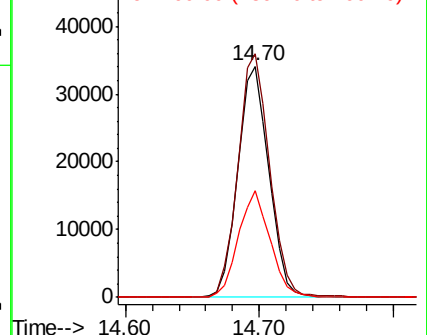


Abundance

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: 178.183 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

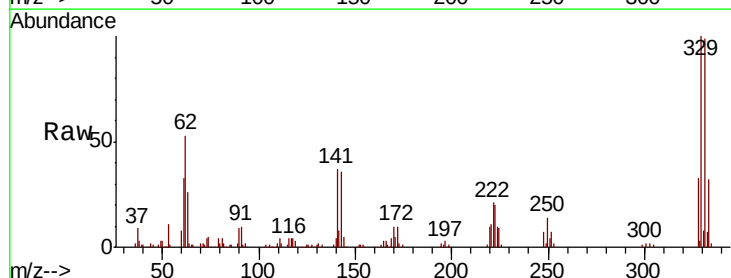
Tgt Ion:330 Resp: 134952

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

141 37.6 28.8 43.2

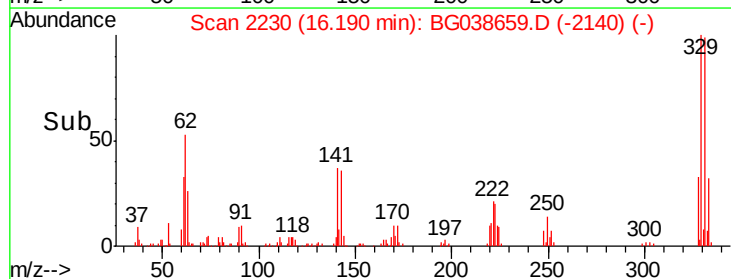
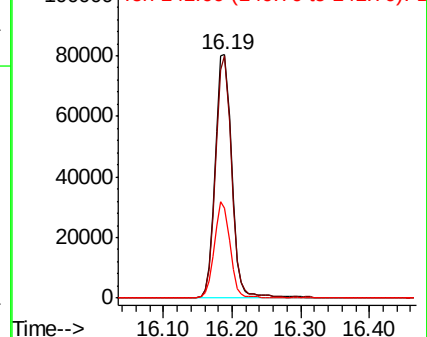


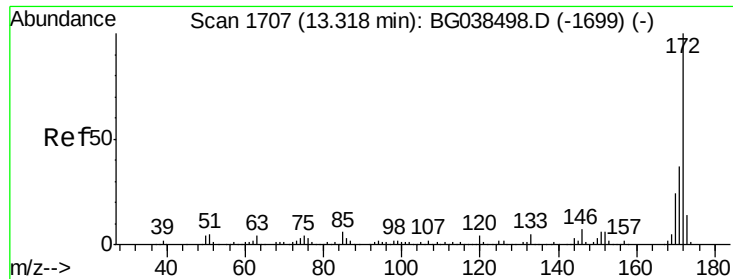
Abundance

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

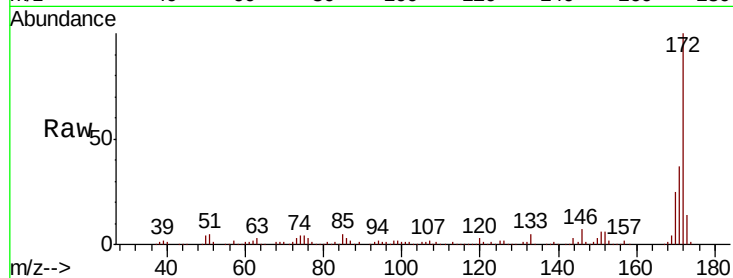




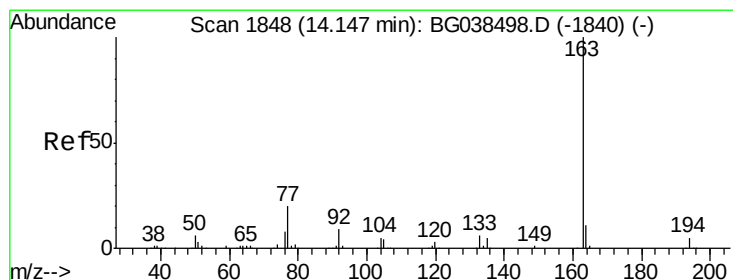
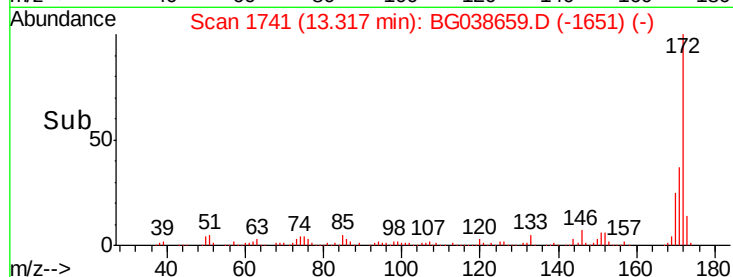
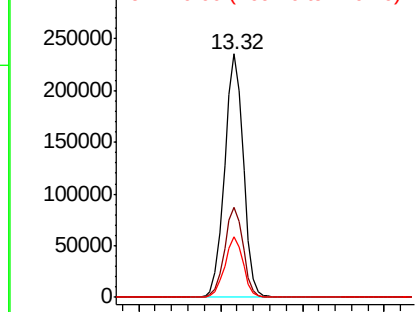
#45
 2-Fluorobiphenyl
 Concen: 93.602 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS004-1824-01

Tgt Ion:172 Resp: 374963
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 25.0 19.5 29.3

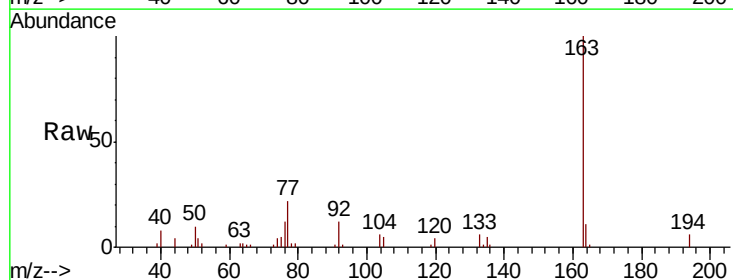


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

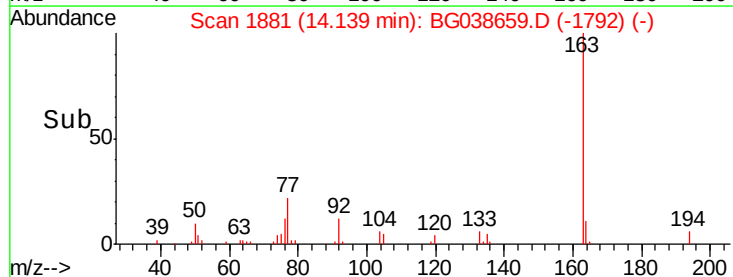
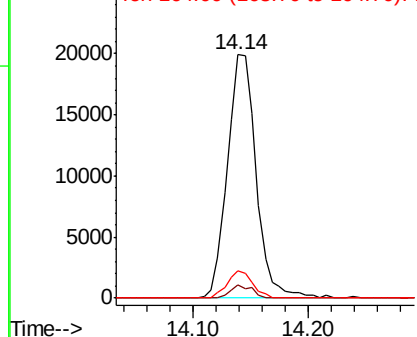


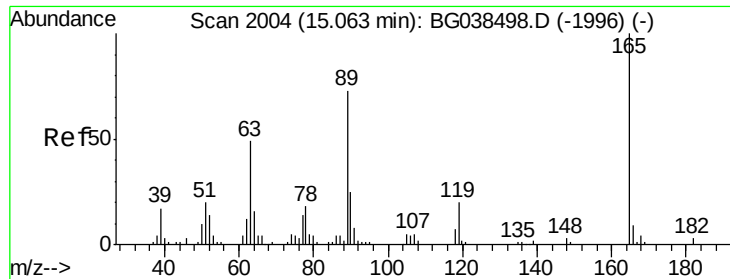
#50
 Dimethylphthalate
 Concen: 7.650 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Tgt Ion:163 Resp: 34334
 Ion Ratio Lower Upper
 163 100
 194 5.6 3.7 5.5#
 164 11.3 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

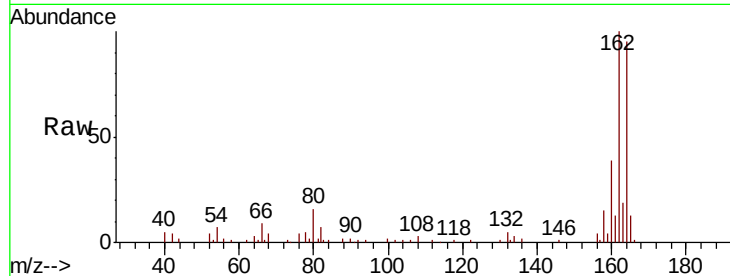




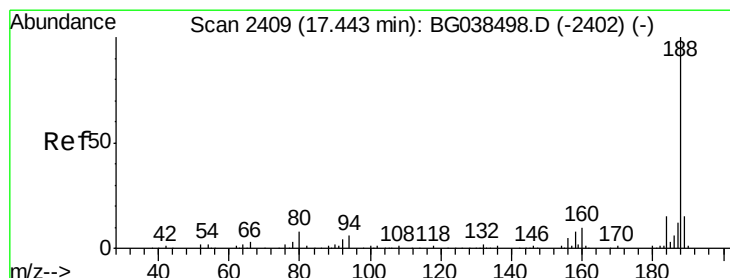
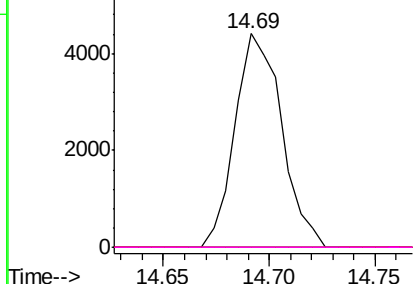
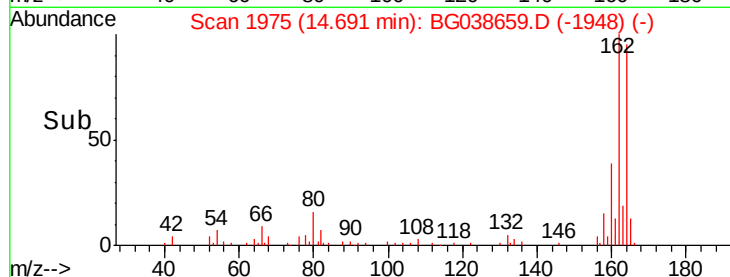
#57
 2,4-Dinitrotoluene
 Concen: 4.709 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS004-1824-01

Tgt Ion:	165	Resp:	6745
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#

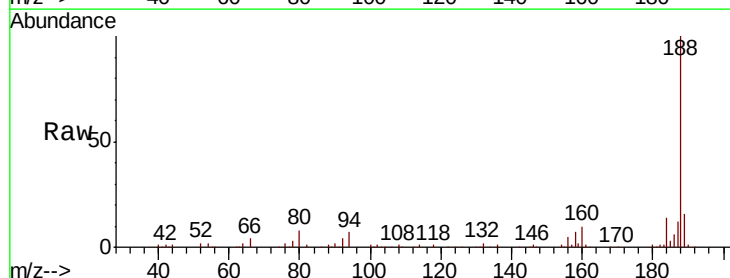


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

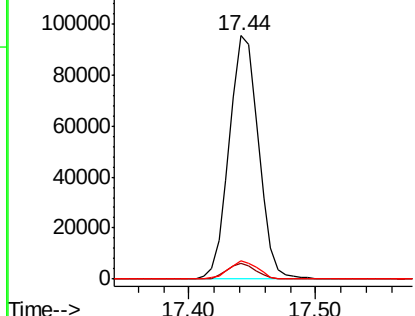
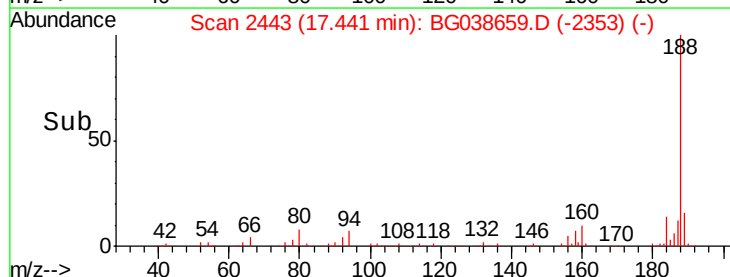


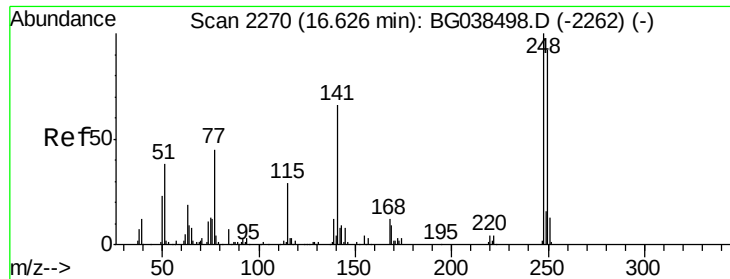
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG038659.D
 Acq: 17 Dec 2018 12:25

Tgt Ion:	188	Resp:	152719
Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.7	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

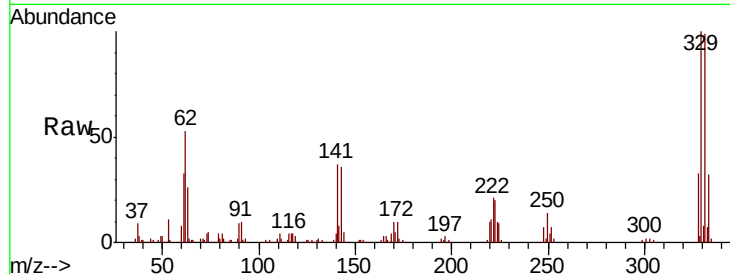




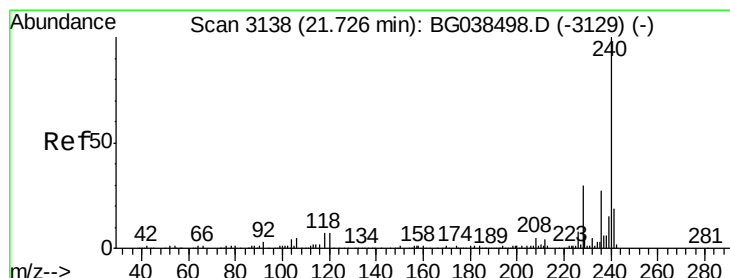
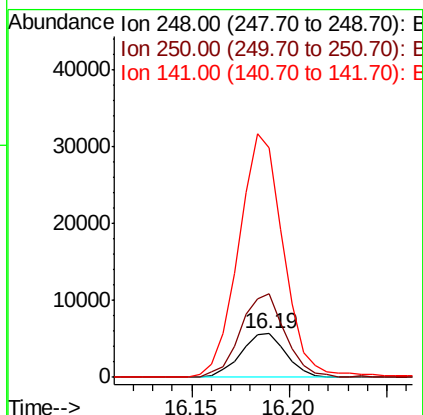
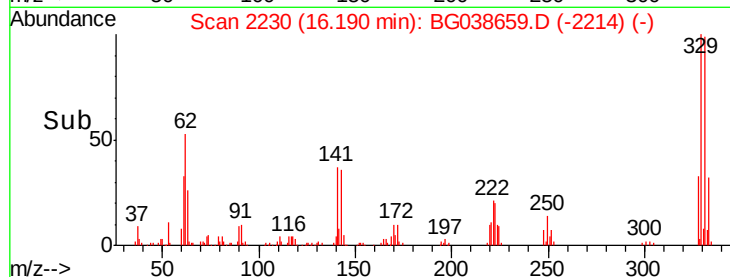
#67
4-Bromophenyl-phenylether
Concen: 4.865 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.44 min
Lab File: BG038659.D
Acq: 17 Dec 2018 12:25

Instrument :
BNA_G
ClientSampleId :
P001-SS004-1824-01

Tgt Ion:248 Resp: 9074
Ion Ratio Lower Upper
248 100
250 188.1 73.4 110.2#
141 401.5 52.9 79.3#

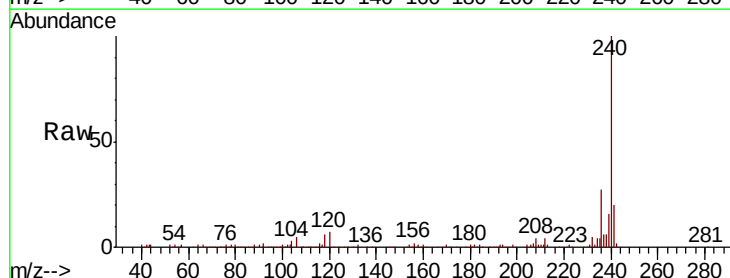


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

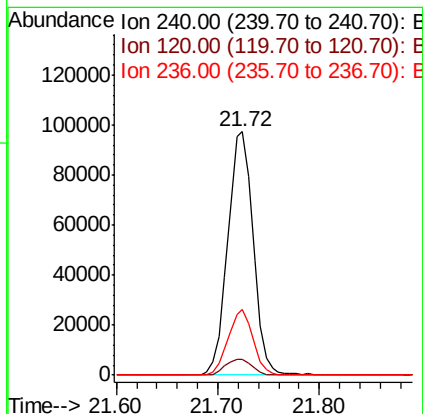
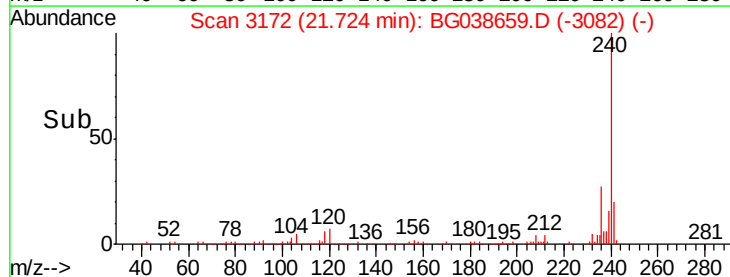


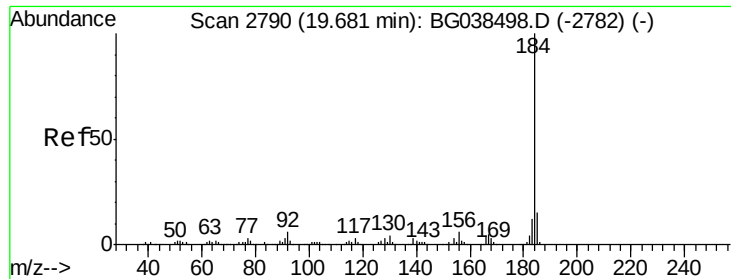
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG038659.D
Acq: 17 Dec 2018 12:25

Tgt Ion:240 Resp: 169447
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 26.8 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: 2.782 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

Instrument :

BNA_G

ClientSampleId :

P001-SS004-1824-01

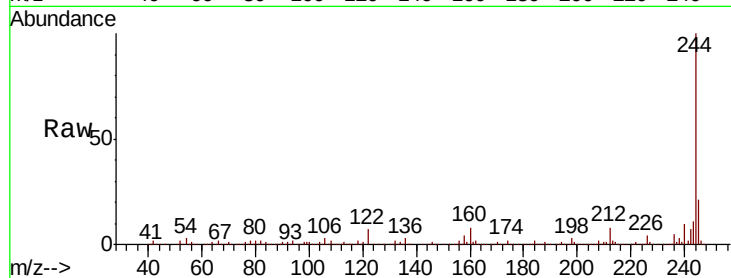
Tgt Ion:184 Resp: 13939

Ion Ratio Lower Upper

184 100

185 12.8 12.2 18.2

183 7.6 9.6 14.4#

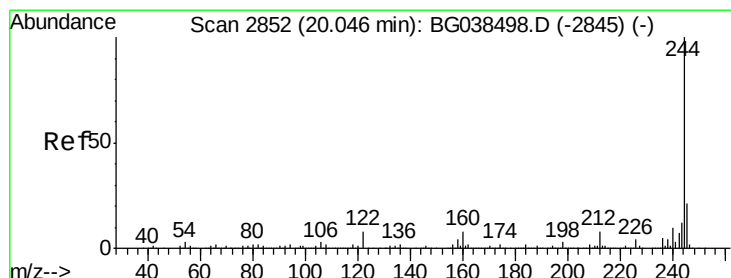
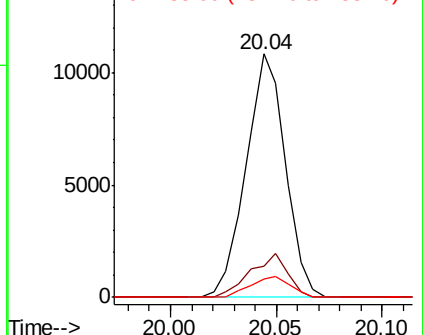
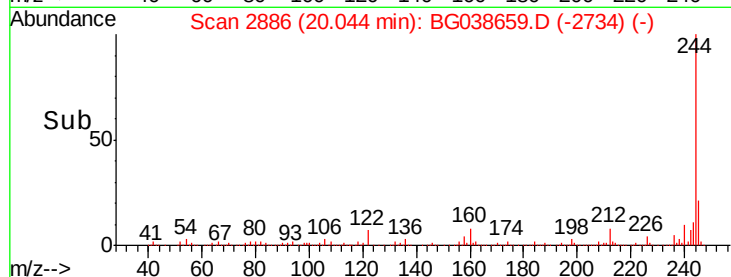


Abundance

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: 99.563 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038659.D

Acq: 17 Dec 2018 12:25

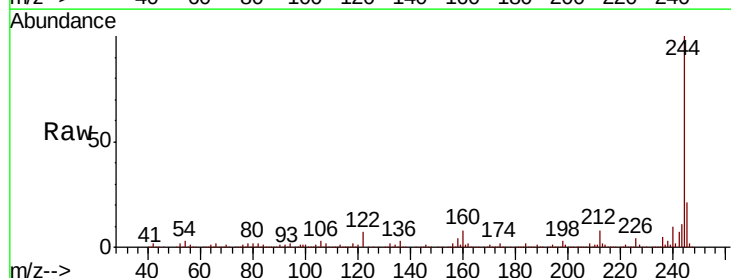
Tgt Ion:244 Resp: 775188

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 7.5 6.3 9.5

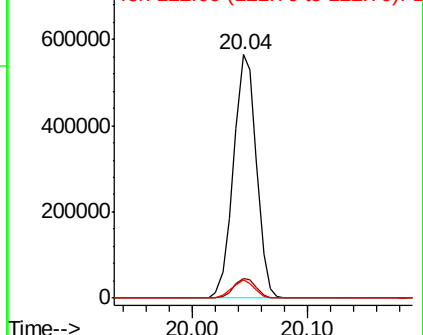
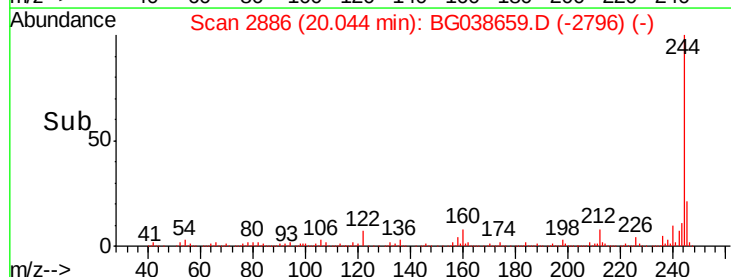


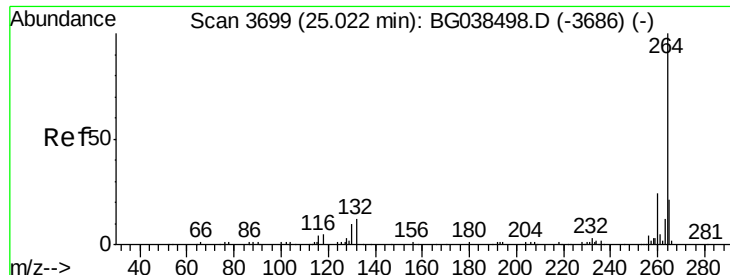
Abundance

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: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038659.D
Acq: 17 Dec 2018 12:25

Instrument :
BNA_G
ClientSampleId :
P001-SS004-1824-01

Tgt Ion:	264	Resp:	176580
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	20.1	17.0	25.4

