

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038806.D
 Acq On : 22 Dec 2018 3:58
 Operator : JU/SJ
 Sample : J6492-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Quant Time: Dec 22 06:11:37 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

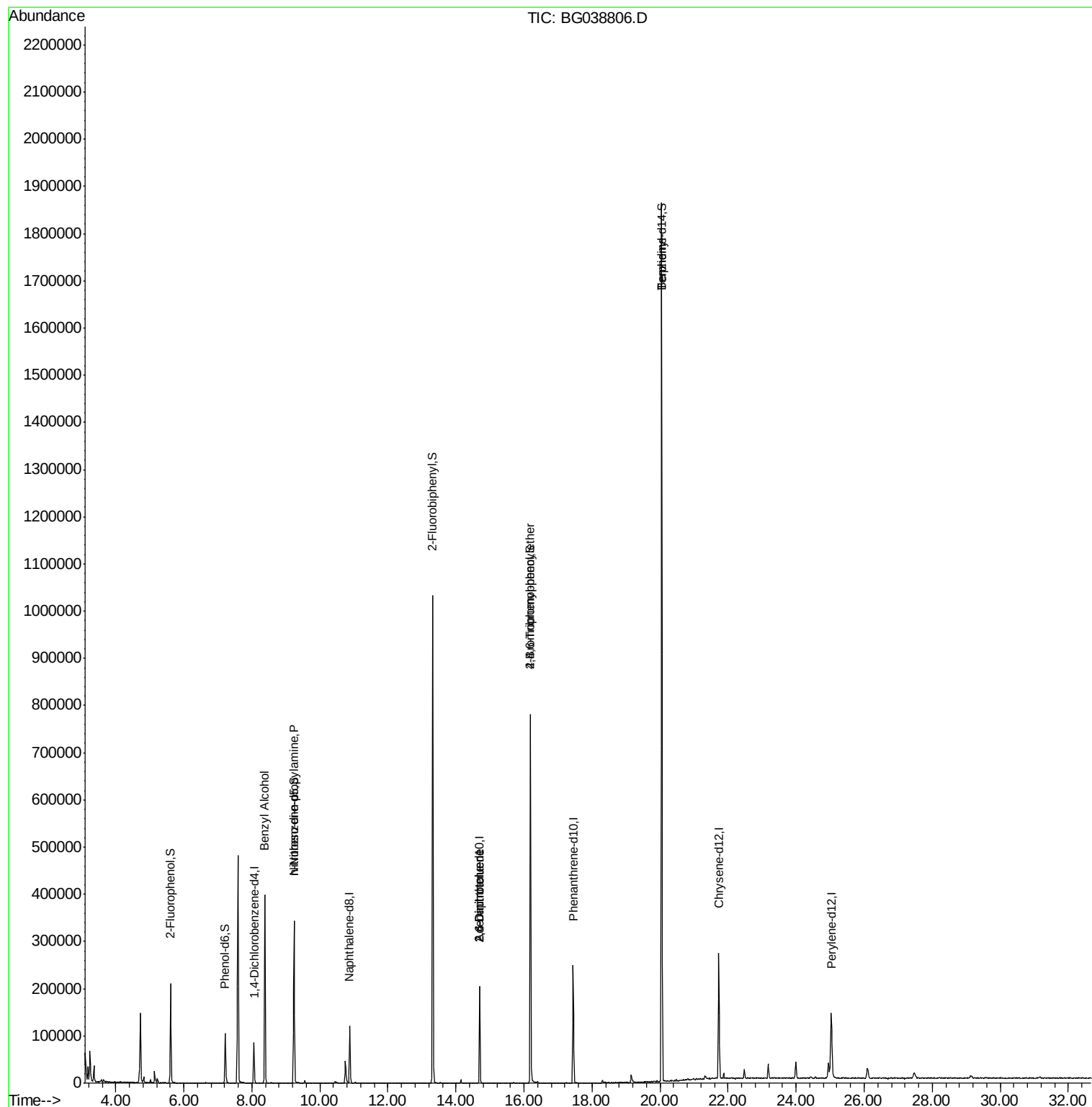
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25214	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	107120	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	76041	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	171957	20.00	ng	0.00
76) Chrysene-d12	21.73	240	171153	20.00	ng	0.00
87) Perylene-d12	25.04	264	178139	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	92813	65.29	ng	0.00
7) Phenol-d6	7.22	99	61628	31.58	ng	0.00
23) Nitrobenzene-d5	9.24	82	205120	97.82	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	168985	161.25	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	574216	103.59	ng	0.00
79) Terphenyl-d14	20.05	244	960542	122.14	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3197	2.099	ng	# 60
19) n-Nitroso-di-n-propylamine	9.24	70	28028	20.448	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	9423	6.696	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	9423	4.754	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	11208	5.337	ng	# 1
77) Benzidine	20.05	184	15764	3.114	ng	# 94

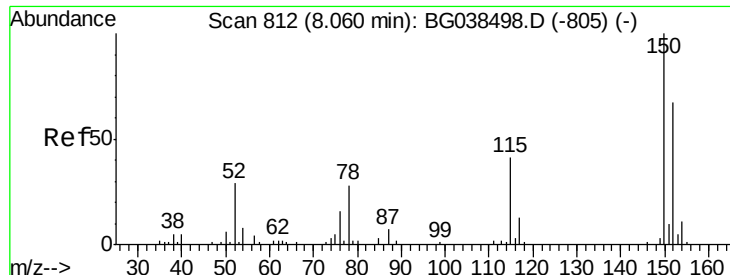
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

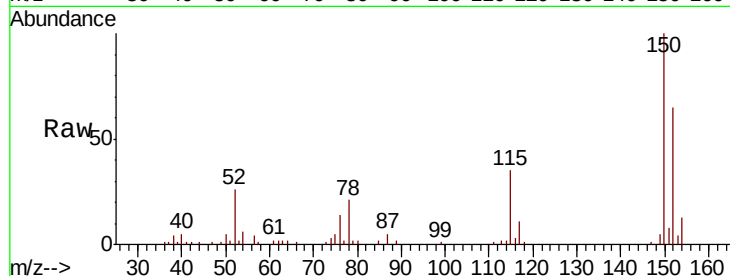




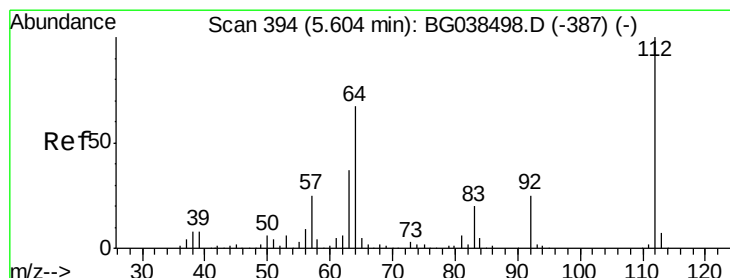
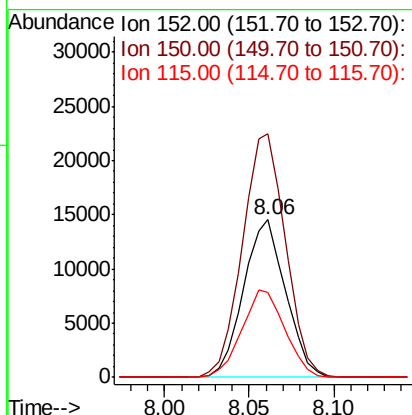
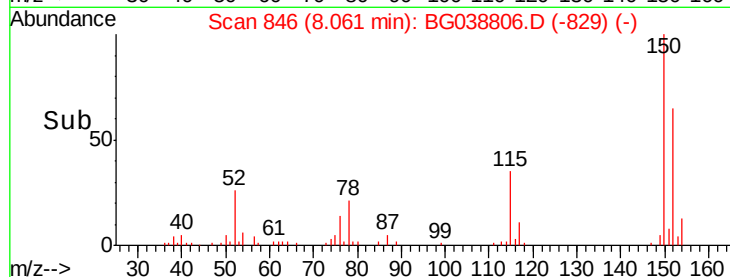
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Tgt Ion:152 Resp: 25214
 Ion Ratio Lower Upper
 152 100
 150 154.3 119.5 179.3
 115 54.1 49.6 74.4

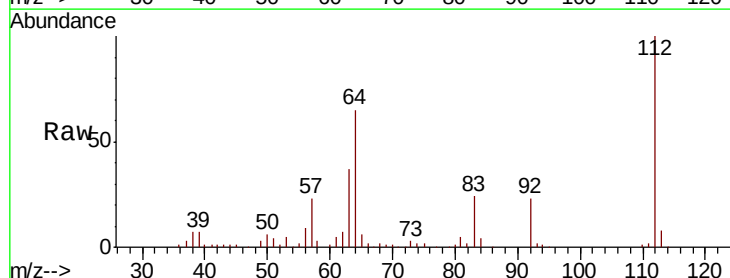


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

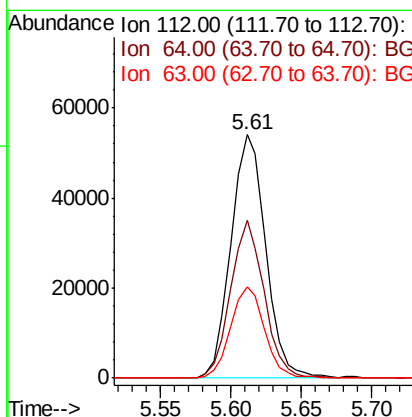
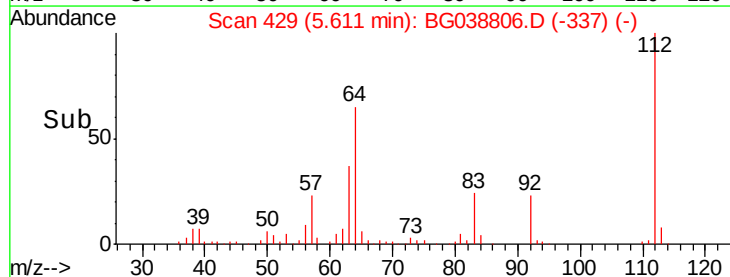


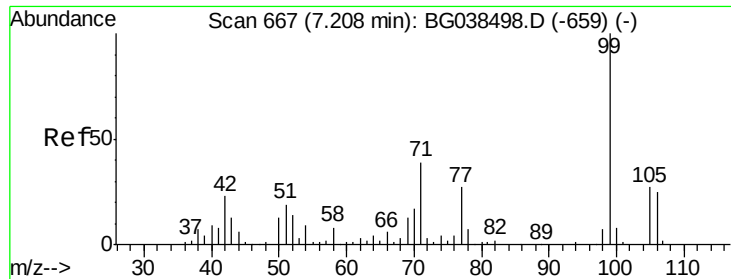
#5
 2-Fluorophenol
 Concen: 65.288 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Tgt Ion:112 Resp: 92813
 Ion Ratio Lower Upper
 112 100
 64 65.1 53.4 80.2
 63 37.4 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: 31.579 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

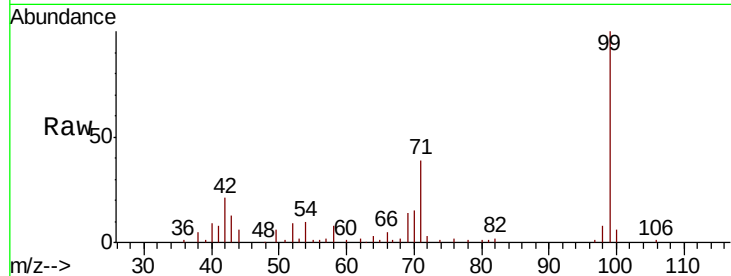
Tgt Ion: 99 Resp: 61628

Ion Ratio Lower Upper

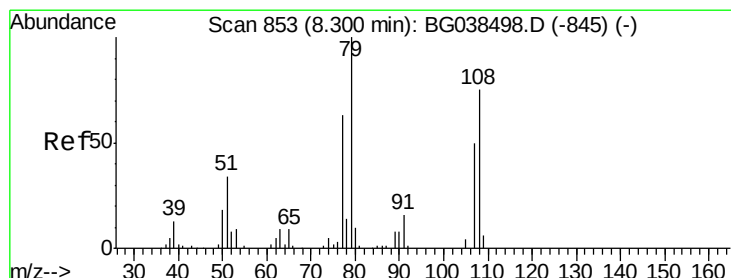
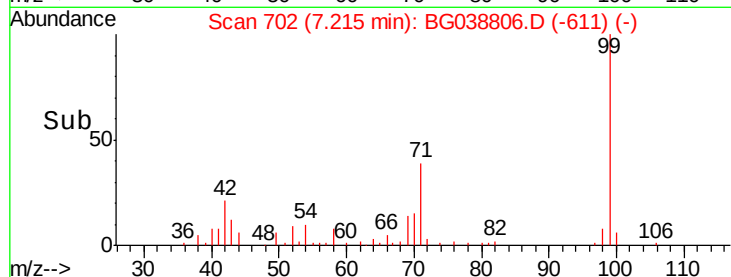
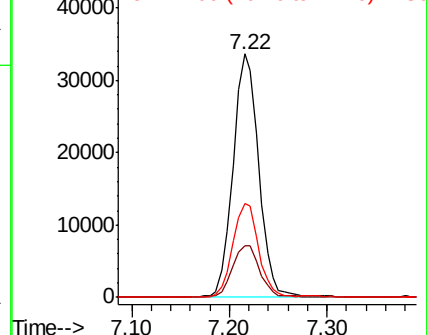
99 100

42 21.3 18.5 27.7

71 38.8 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: 2.099 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

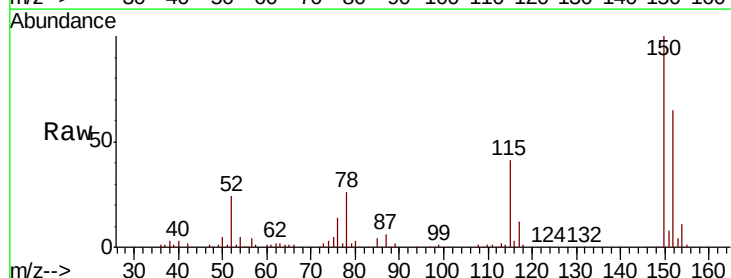
Tgt Ion: 79 Resp: 3197

Ion Ratio Lower Upper

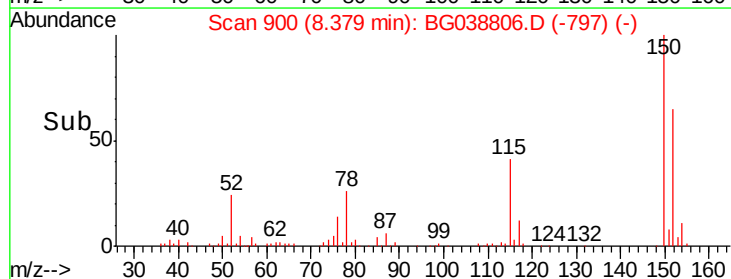
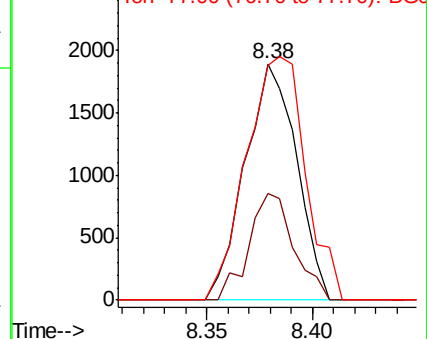
79 100

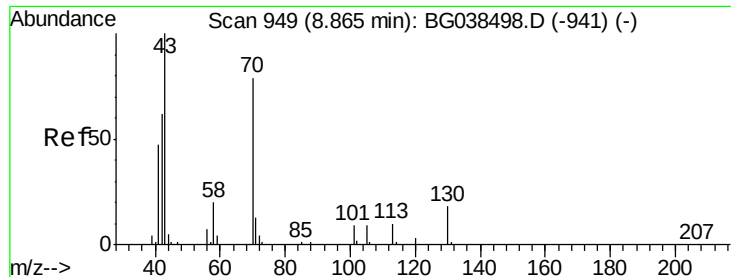
108 45.2 60.2 90.4#

77 98.9 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

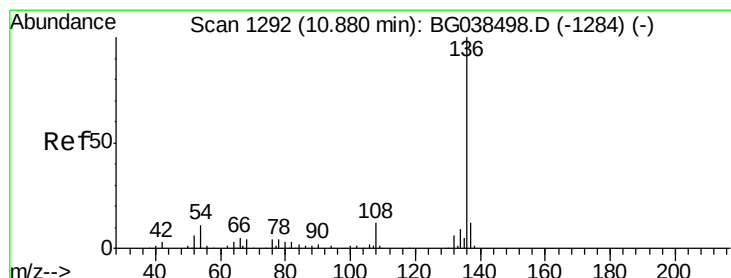
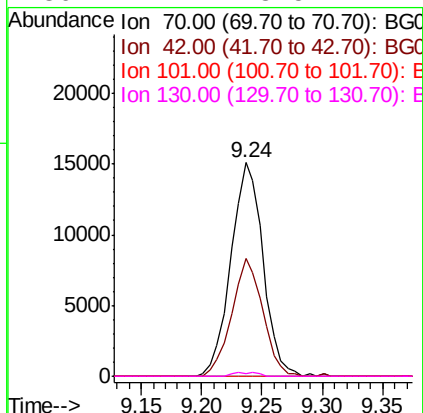
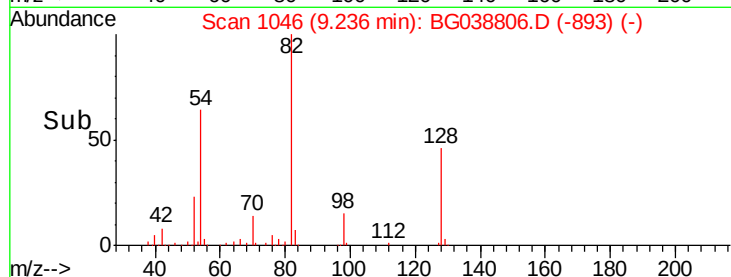
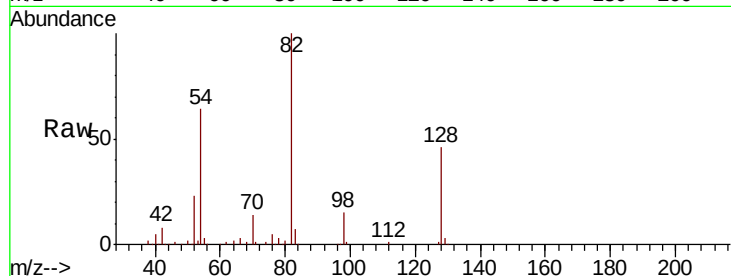




#19
n-Nitroso-di-n-propylamine
Concen: 20.448 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038806.D
Acq: 22 Dec 2018 3:58

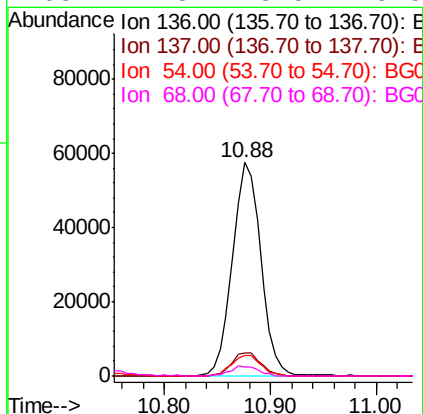
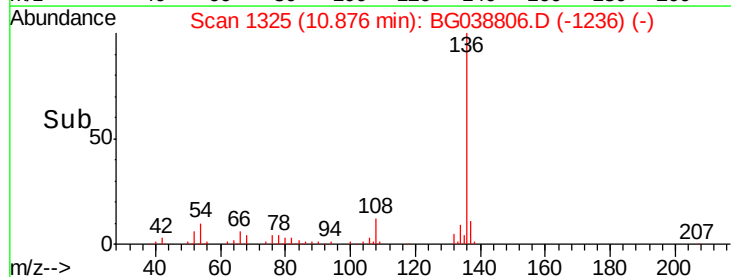
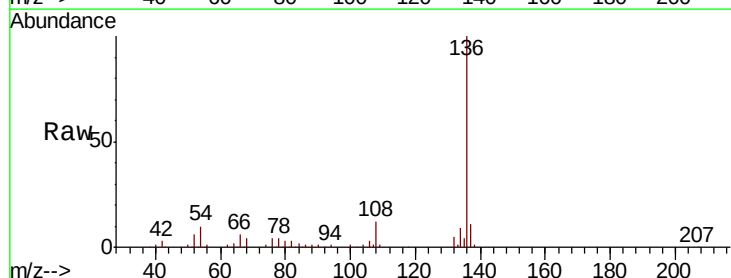
Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

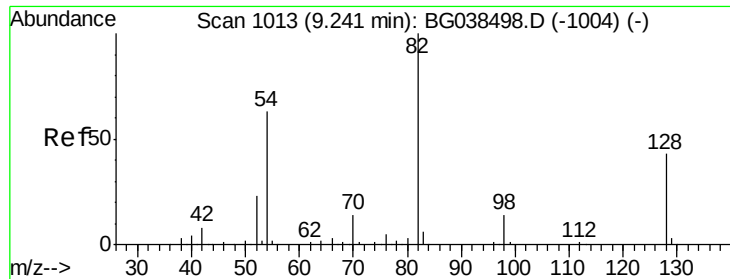
Tgt Ion: 70 Resp: 28028
Ion Ratio Lower Upper
70 100
42 55.2 63.6 95.4#
101 0.0 9.2 13.8#
130 1.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038806.D
Acq: 22 Dec 2018 3:58

Tgt Ion: 136 Resp: 107120
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 9.6 8.5 12.7
68 4.3 3.5 5.3





#23

Nitrobenzene-d5

Concen: 97.825 ng

RT: 9.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

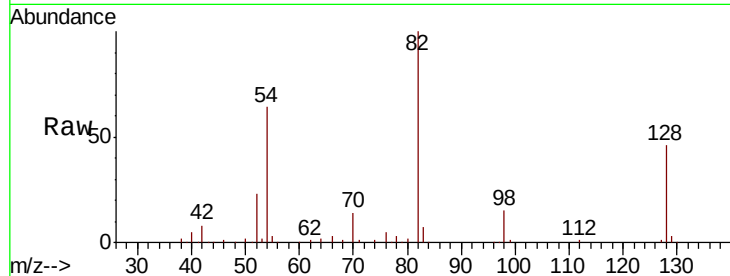
Tgt Ion: 82 Resp: 205120

Ion Ratio Lower Upper

82 100

128 46.3 34.6 52.0

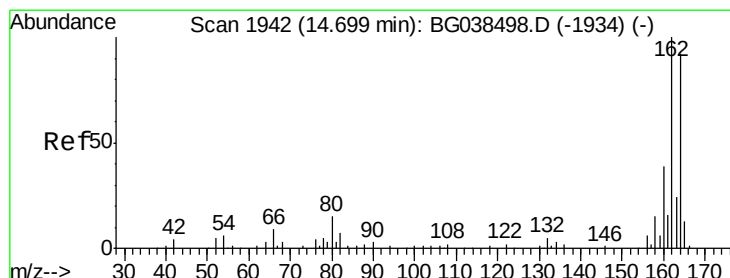
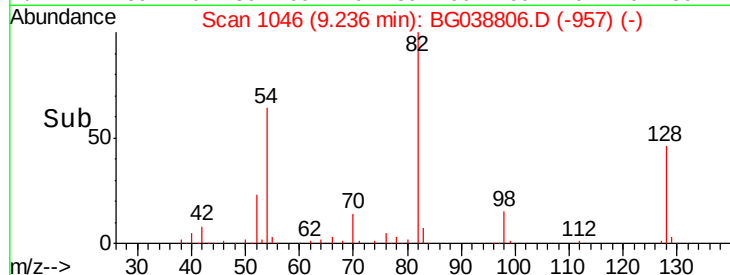
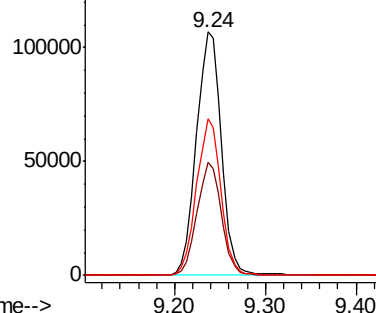
54 64.3 50.6 76.0



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. -0.00 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

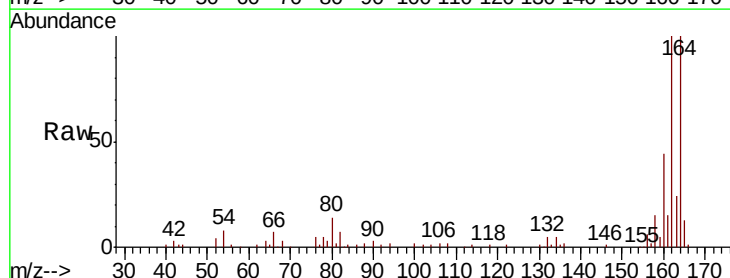
Tgt Ion: 164 Resp: 76041

Ion Ratio Lower Upper

164 100

162 100.5 86.6 130.0

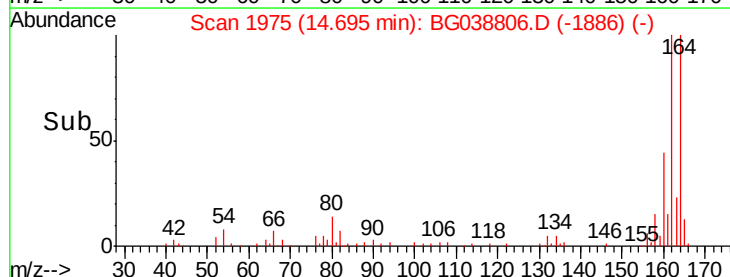
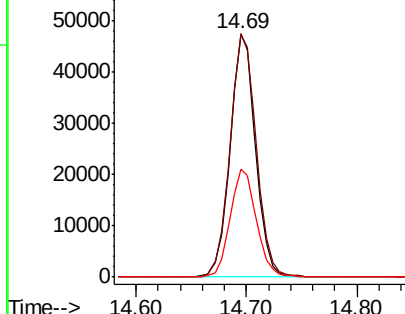
160 44.7 34.2 51.2

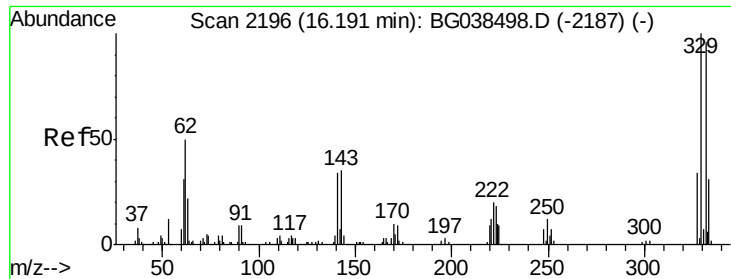


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

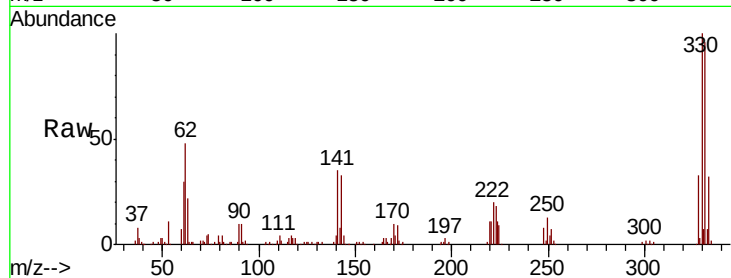




#42
 2,4,6-Tribromophenol
 Concen: 161.248 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	32.5	28.8	43.2

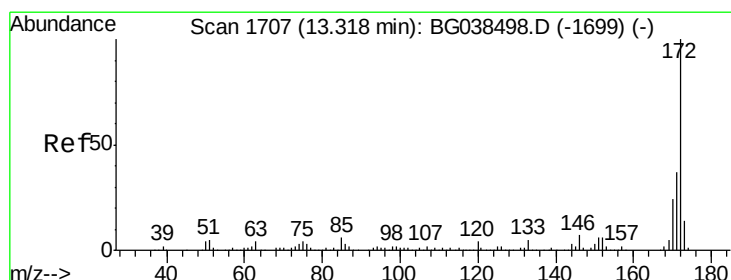
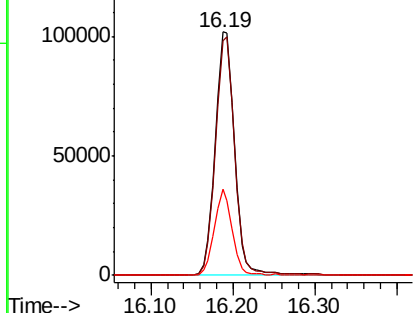
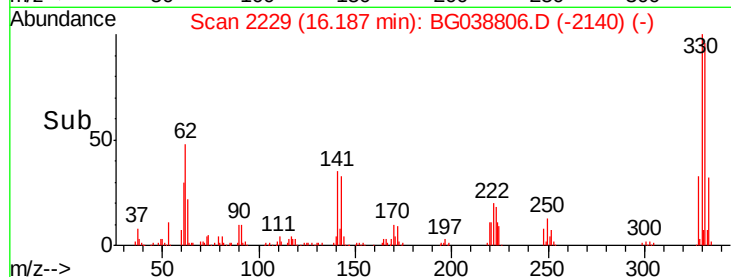


Abundance

Ion 329.80 (329.50 to 330.50): E

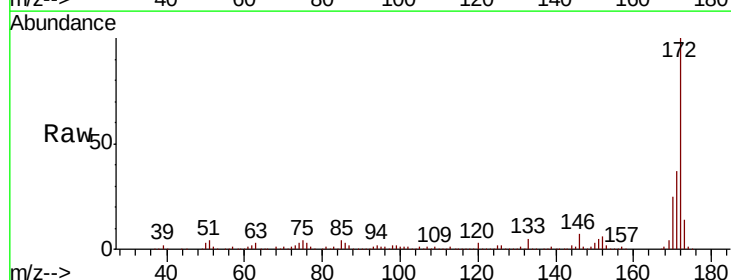
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 103.594 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.6	19.5	29.3

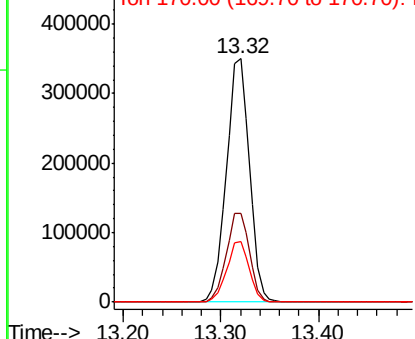
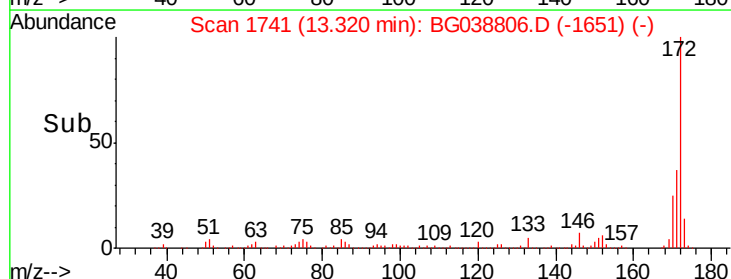


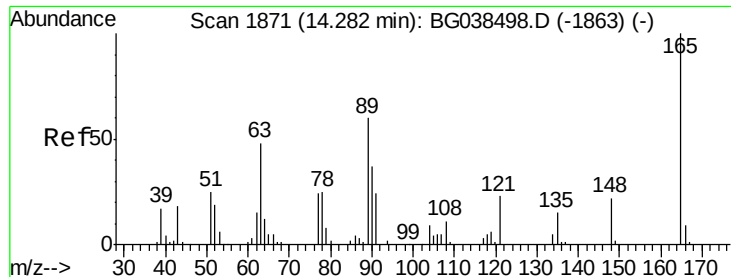
Abundance

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

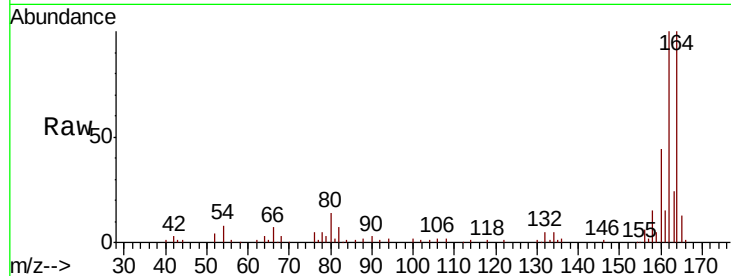




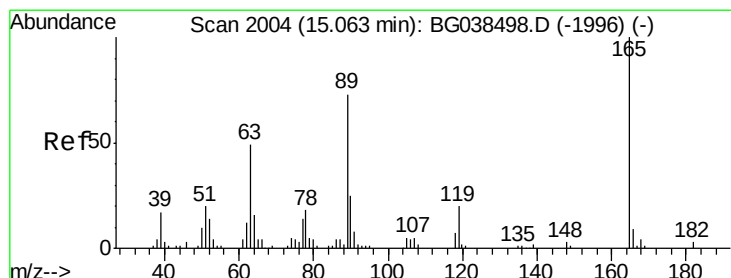
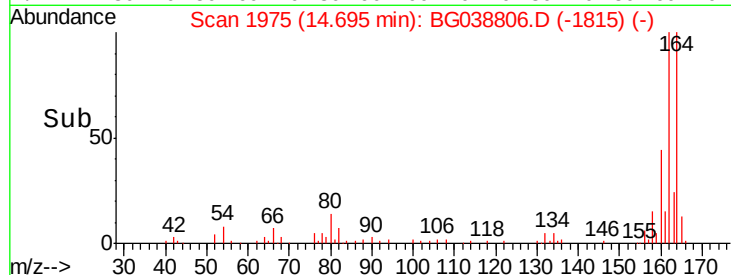
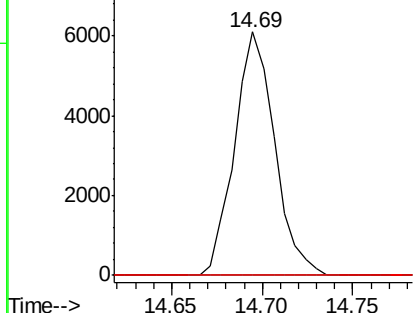
#51
 2,6-Dinitrotoluene
 Concen: 6.696 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

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



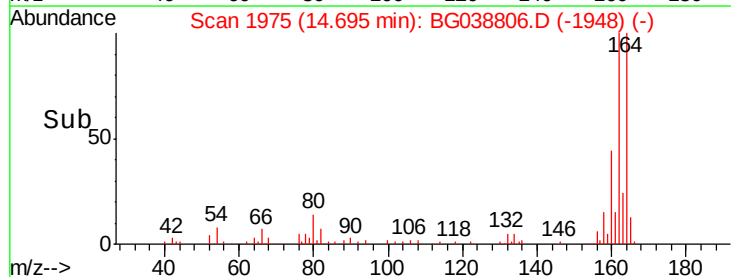
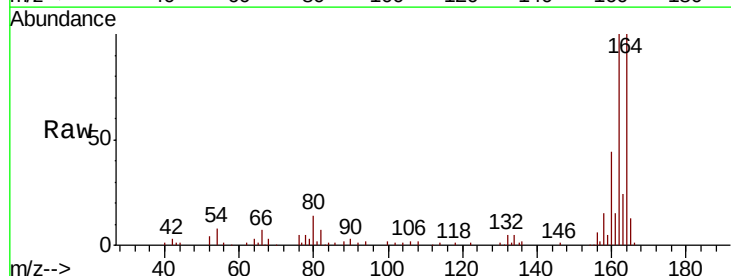
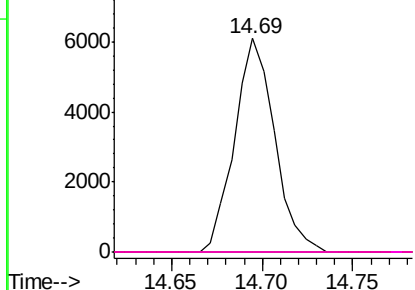
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

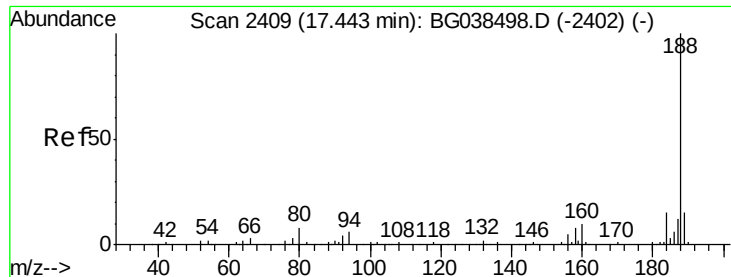


#57
 2,4-Dinitrotoluene
 Concen: 4.754 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Tgt 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

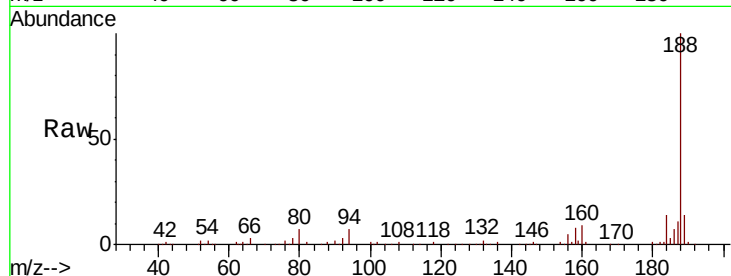




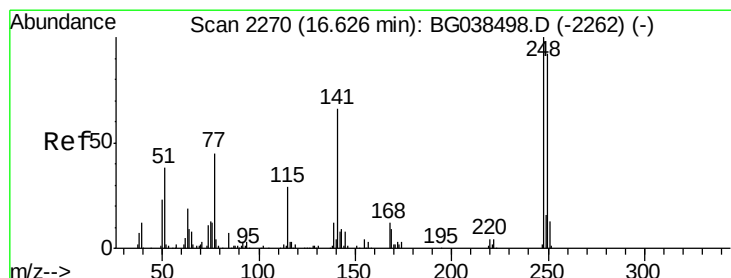
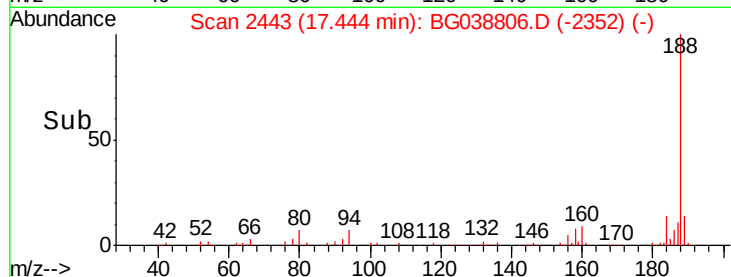
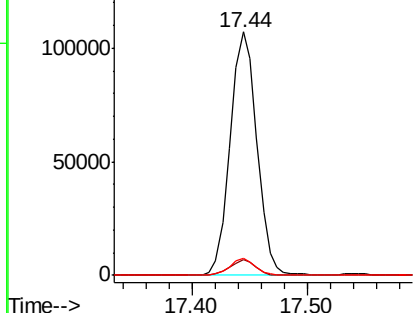
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Instrument :
 BNA_G
 ClientSampleId :
 QNWP8-EQUIP.BLANK

Tgt Ion:188 Resp: 171957
 Ion Ratio Lower Upper
 188 100
 94 6.5 5.1 7.7
 80 7.1 6.1 9.1

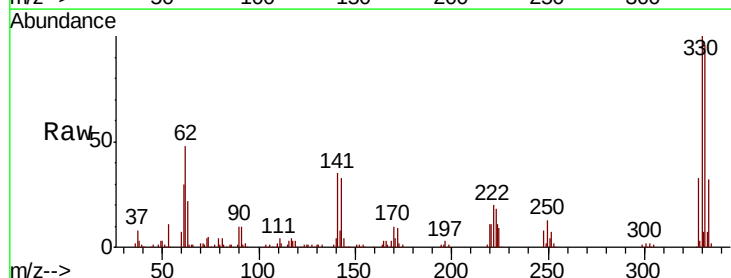


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

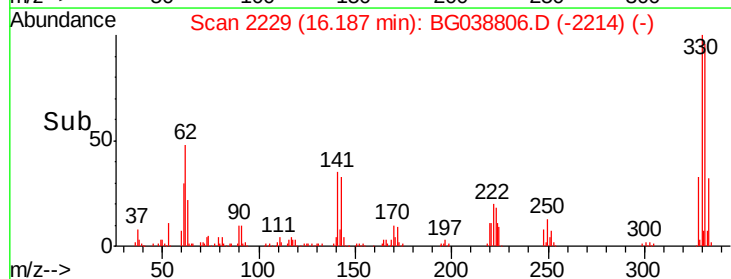
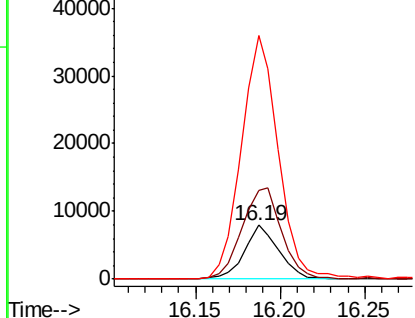


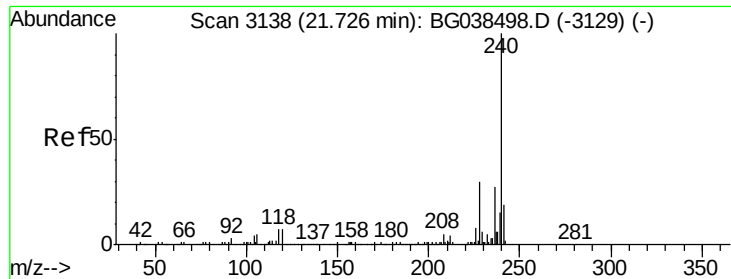
#67
 4-Bromophenyl-phenylether
 Concen: 5.337 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038806.D
 Acq: 22 Dec 2018 3:58

Tgt Ion:248 Resp: 11208
 Ion Ratio Lower Upper
 248 100
 250 172.5 73.4 110.2#
 141 364.0 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

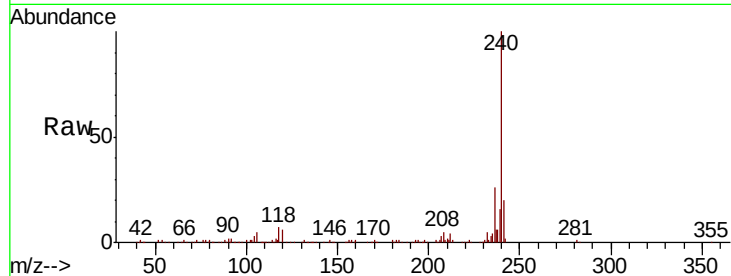




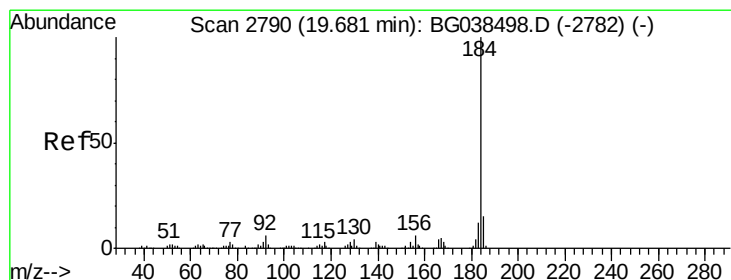
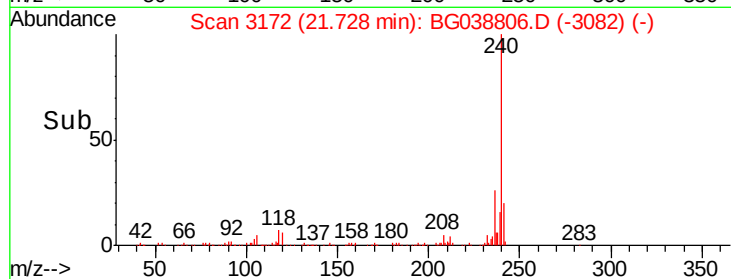
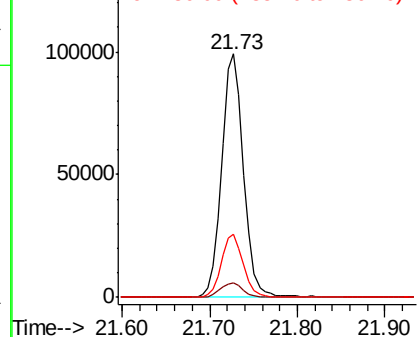
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG038806.D
Acq: 22 Dec 2018 3:58

Instrument :
BNA_G
ClientSampleId :
QNWP8-EQUIP.BLANK

Tgt Ion:240 Resp: 171153
Ion Ratio Lower Upper
240 100
120 6.0 5.3 7.9
236 26.1 21.4 32.2

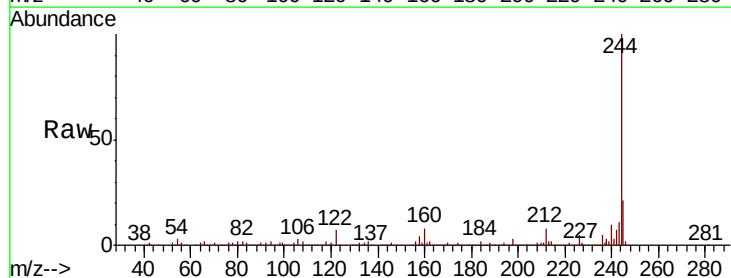


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

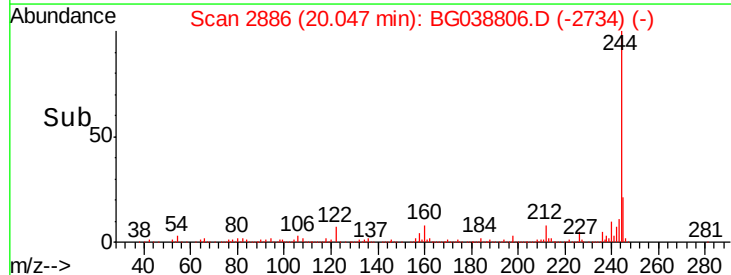
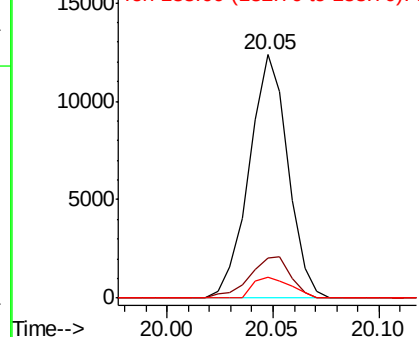


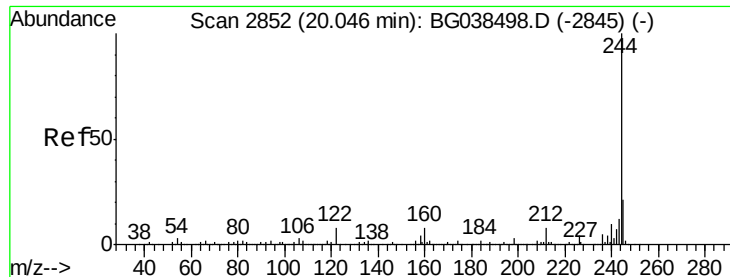
#77
Benzidine
Concen: 3.114 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038806.D
Acq: 22 Dec 2018 3:58

Tgt Ion:184 Resp: 15764
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.2
183 8.4 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: 122.140 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

Instrument :

BNA_G

ClientSampleId :

QNWP8-EQUIP.BLANK

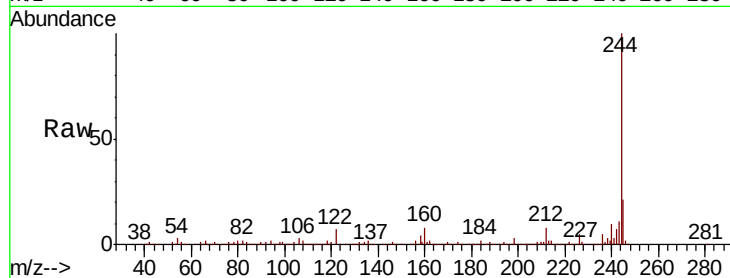
Tgt Ion:244 Resp: 960542

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

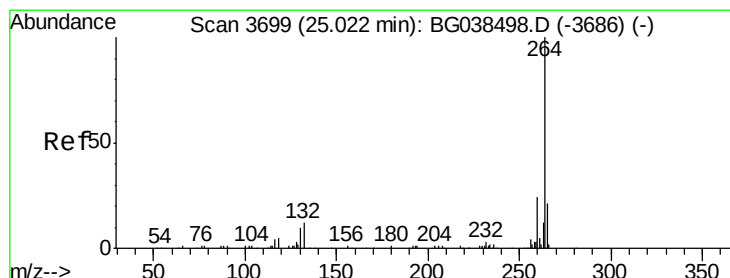
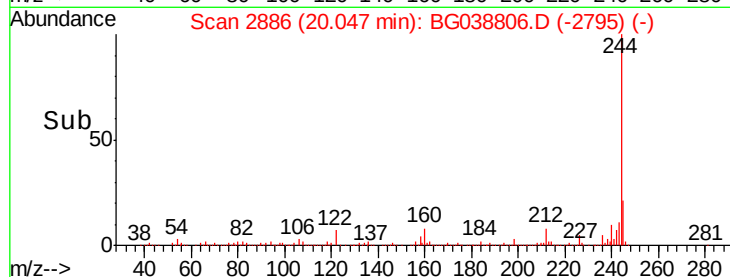
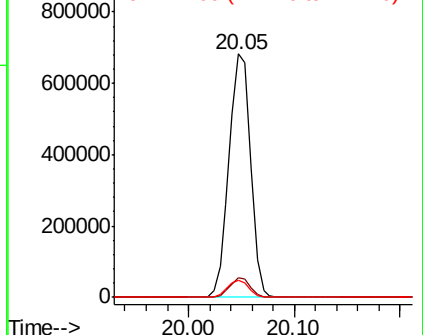
122 7.1 6.3 9.5



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: 25.04 min Scan# 3735

Delta R.T. 0.01 min

Lab File: BG038806.D

Acq: 22 Dec 2018 3:58

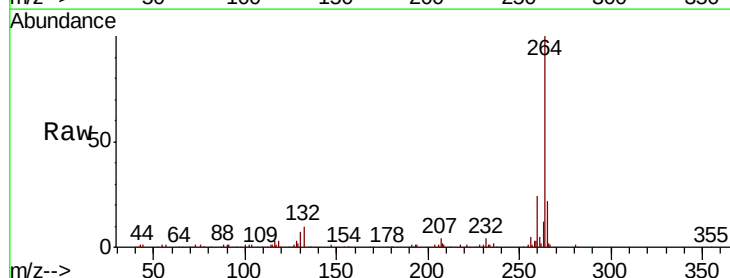
Tgt Ion:264 Resp: 178139

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.2 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

