

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038878.D
 Acq On : 28 Dec 2018 17:53
 Operator : JU/SJ
 Sample : J6580-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 00:20:14 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

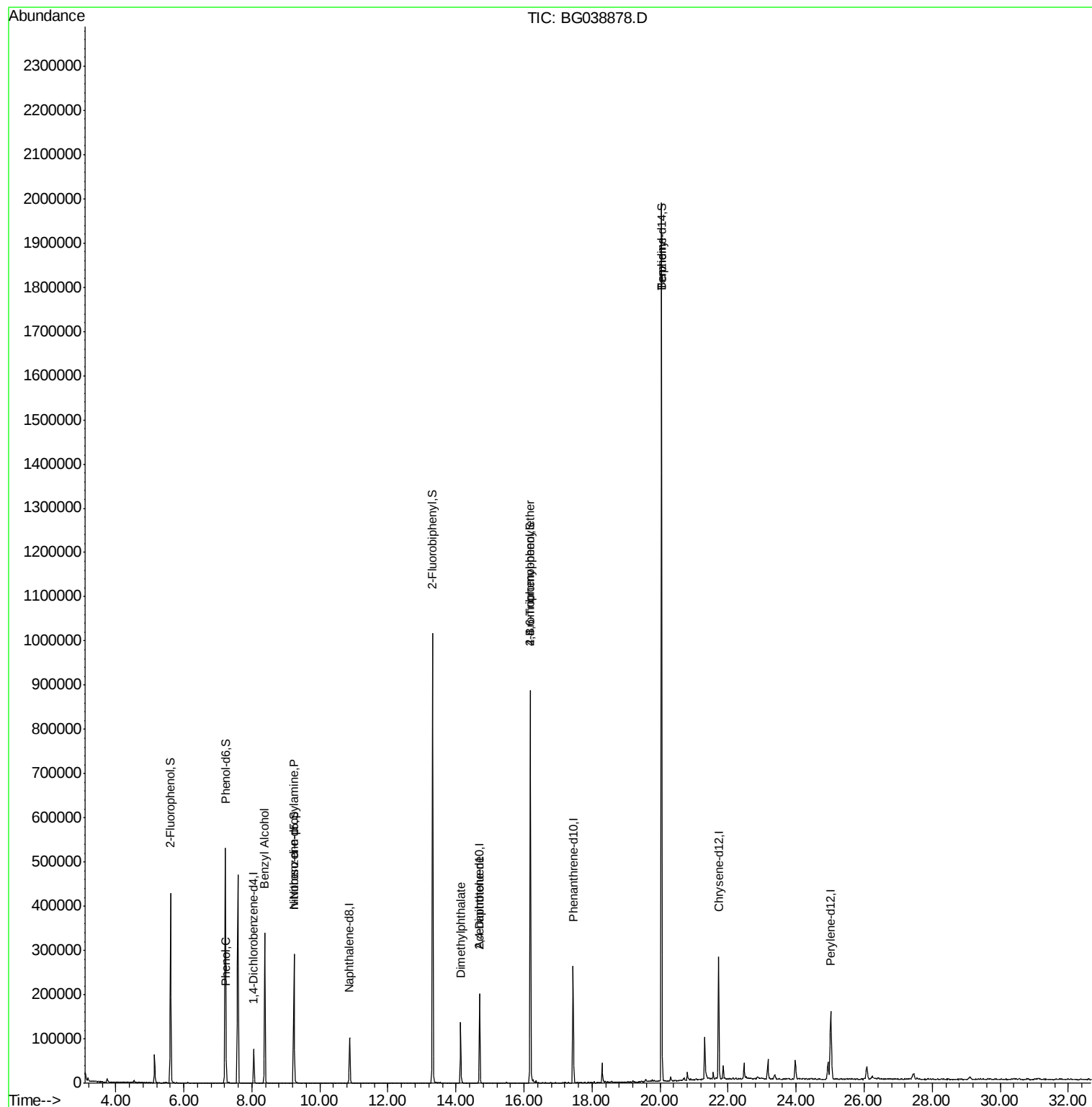
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22499	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97351	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75761	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182420	20.00	ng	0.00
76) Chrysene-d12	21.72	240	182554	20.00	ng	0.00
87) Perylene-d12	25.02	264	195997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	189316	149.24	ng	0.00
7) Phenol-d6	7.22	99	311666	178.97	ng	0.01
23) Nitrobenzene-d5	9.24	82	177166	92.97	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190066	182.03	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	551302	99.83	ng	0.00
79) Terphenyl-d14	20.04	244	971108	115.77	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6280	3.394	ng	82
15) Benzyl Alcohol	8.37	79	2737	2.014	ng	# 62
19) n-Nitroso-di-n-propylamine	9.24	70	23620	19.312	ng	# 64
50) Dimethylphthalate	14.14	163	99009	16.003	ng	100
57) 2,4-Dinitrotoluene	14.69	165	9509	4.815	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	12794	5.743	ng	# 1
77) Benzidine	20.04	184	16239	3.008	ng	# 93

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

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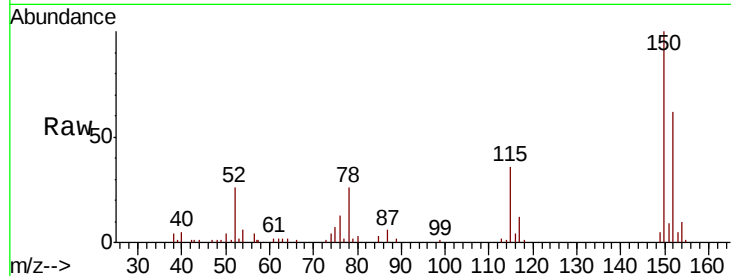


#1

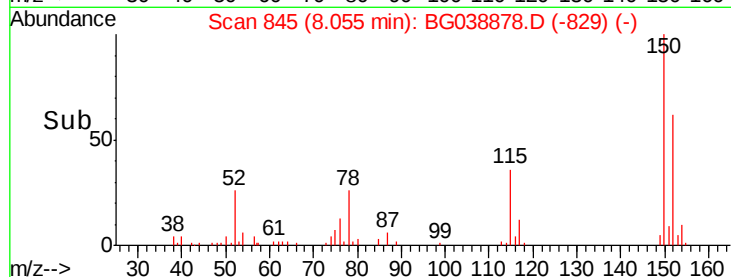
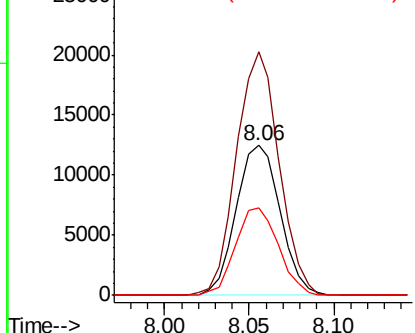
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
150 162.4 119.5 179.3
115 58.4 49.6 74.4



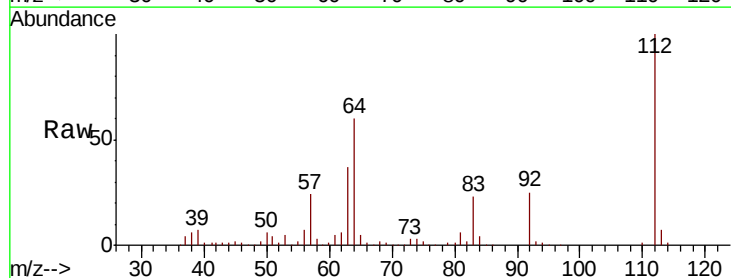
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



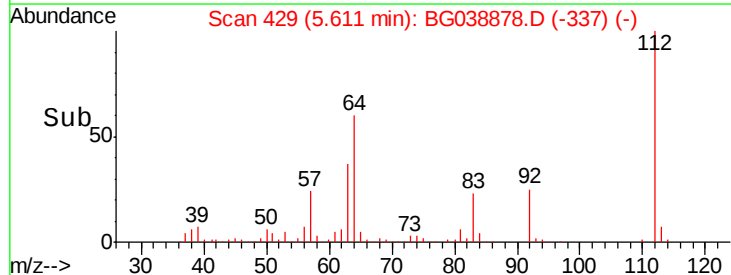
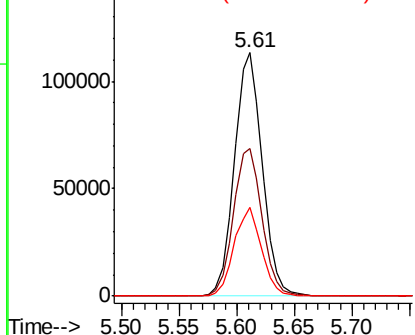
#5

2-Fluorophenol
Concen: 149.242 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Tgt Ion:112 Resp: 189316
Ion Ratio Lower Upper
112 100
64 60.5 53.4 80.2
63 36.6 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: 178.972 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

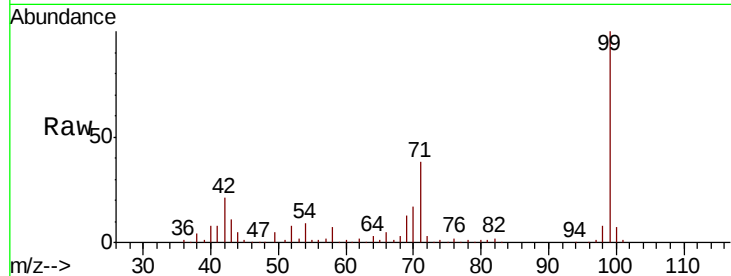
Tot Ion: 99 Resp: 311666

Ion Ratio Lower Upper

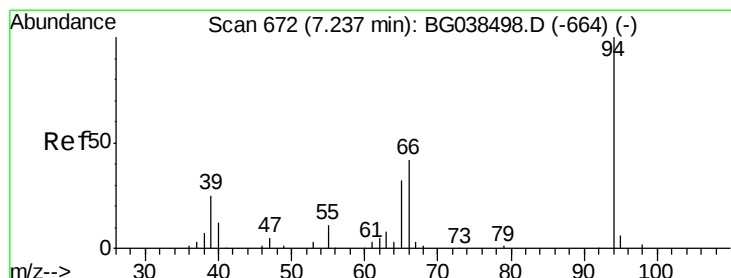
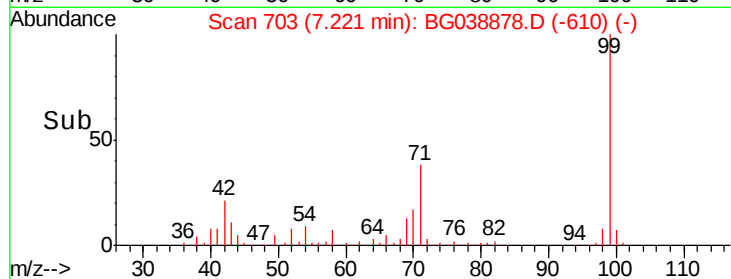
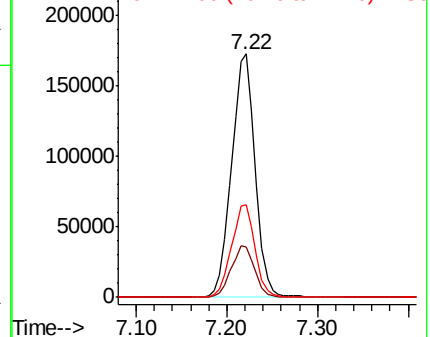
99 100

42 20.9 18.5 27.7

71 37.9 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: 3.394 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

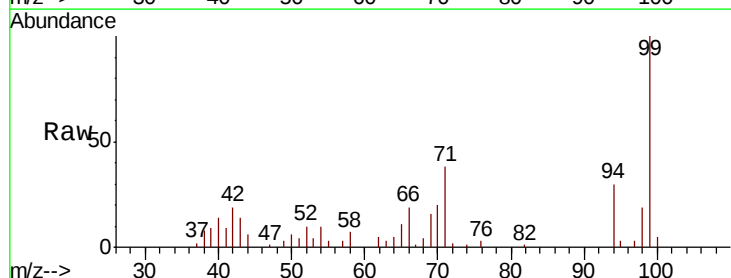
Tgt Ion: 94 Resp: 6280

Ion Ratio Lower Upper

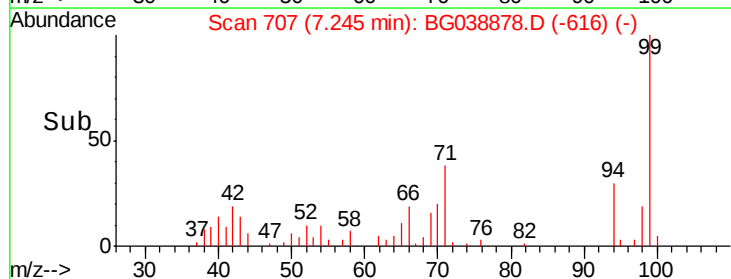
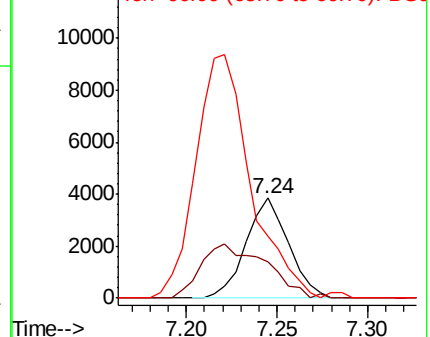
94 100

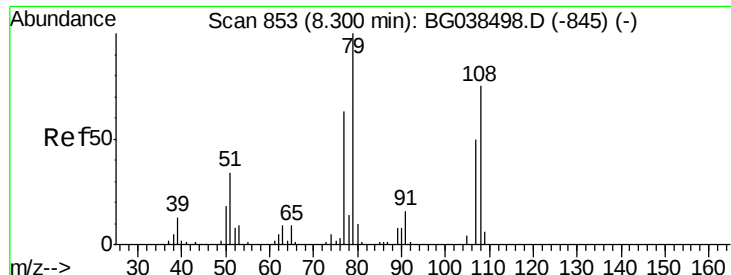
65 36.5 12.6 52.6

66 61.2 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: 2.014 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.07 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampled :

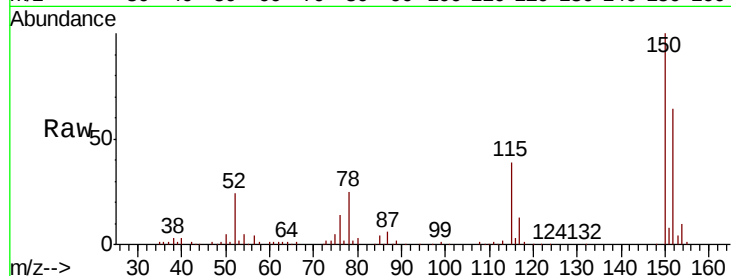
Tot Ion: 79 Resp: 2737

Ion Ratio Lower Upper

79 100

108 35.2 60.2 90.4#

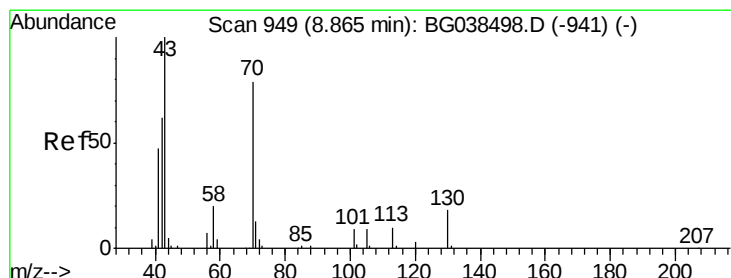
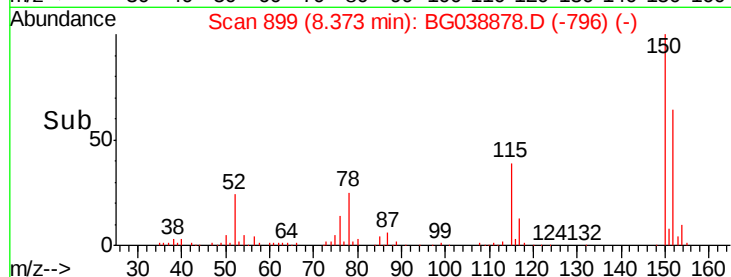
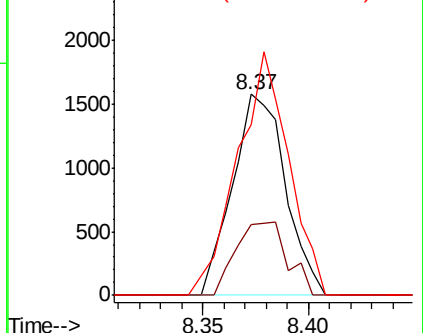
77 85.0 50.7 76.1#



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: 19.312 ng

RT: 9.24 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Tgt Ion: 70 Resp: 23620

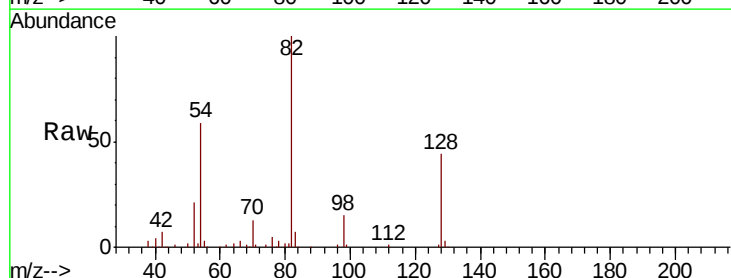
Ion Ratio Lower Upper

70 100

42 48.4 63.6 95.4#

101 0.0 9.2 13.8#

130 2.2 18.5 27.7#

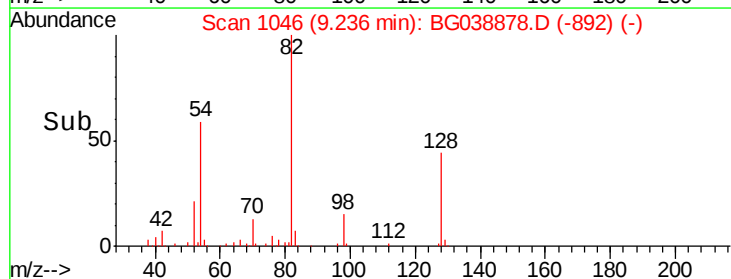
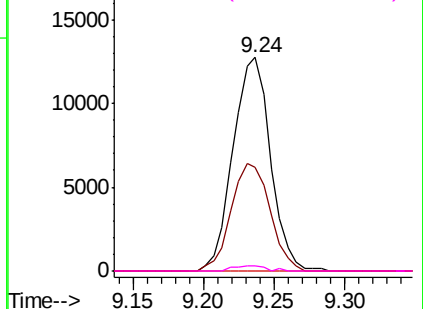


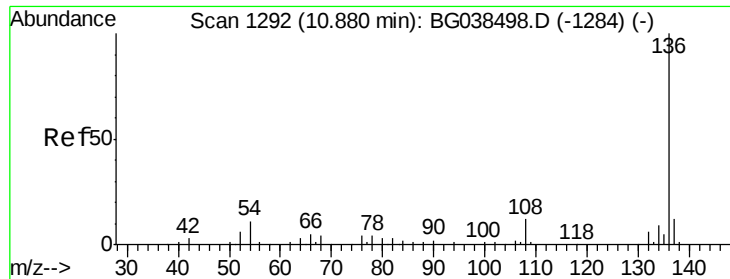
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

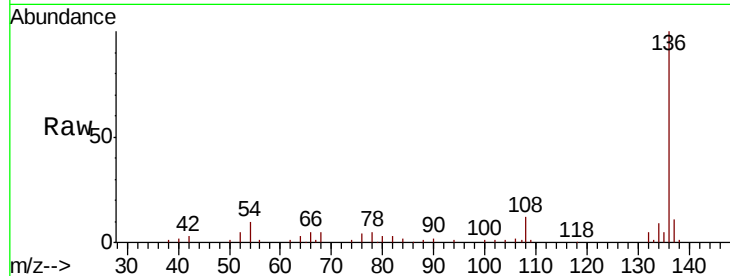




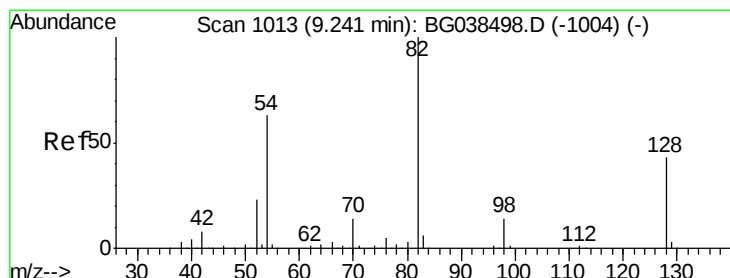
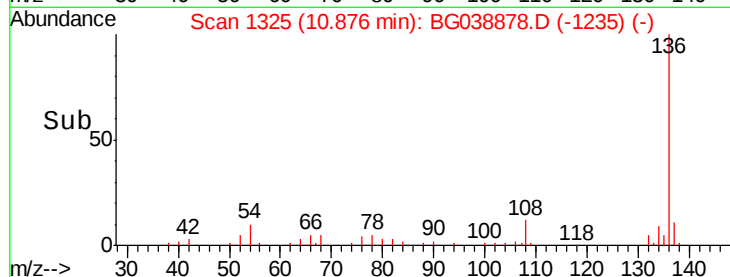
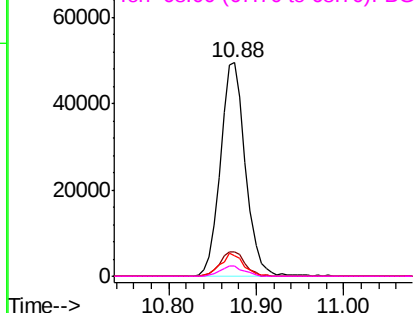
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	97351
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.3 13.9
54	9.6	8.5 12.7
68	4.9	3.5 5.3

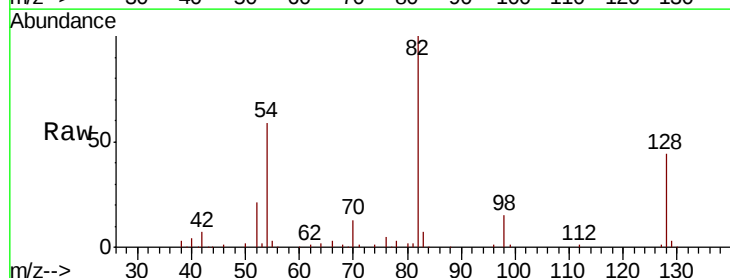


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

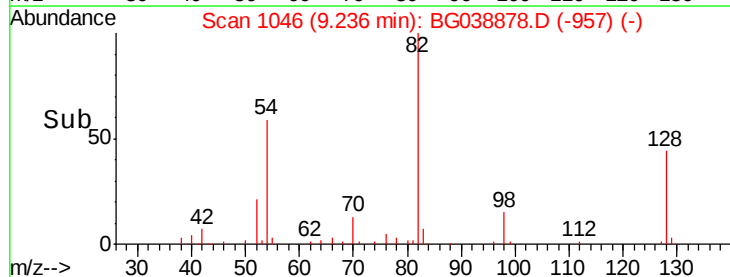
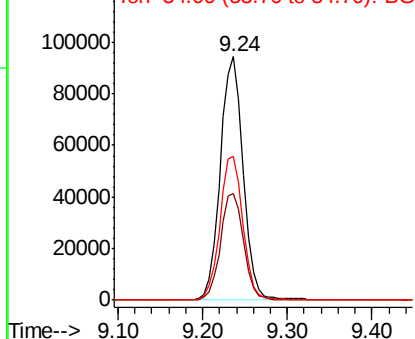


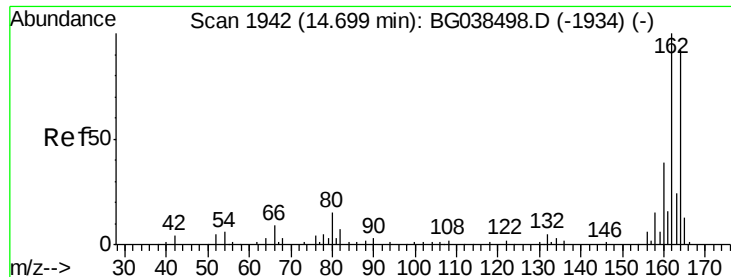
#23
Nitrobenzene-d5
Concen: 92.972 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Tgt Ion: 82	Resp:	177166
Ion	Ratio	Lower Upper
82	100	
128	44.0	34.6 52.0
54	58.8	50.6 76.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

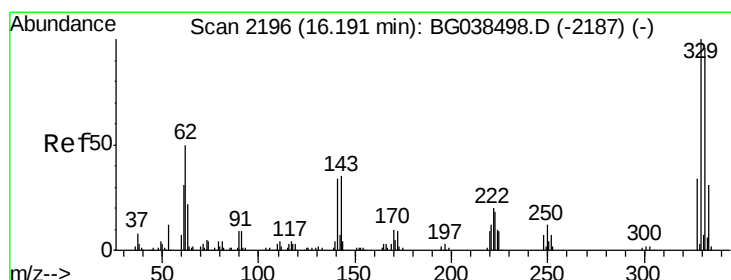
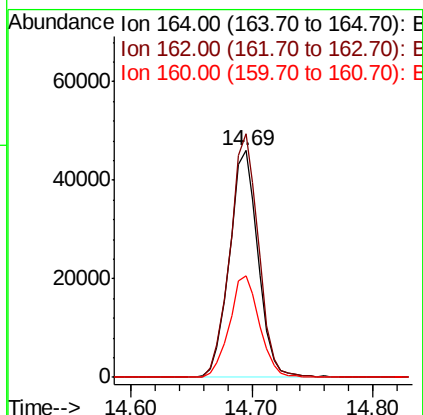
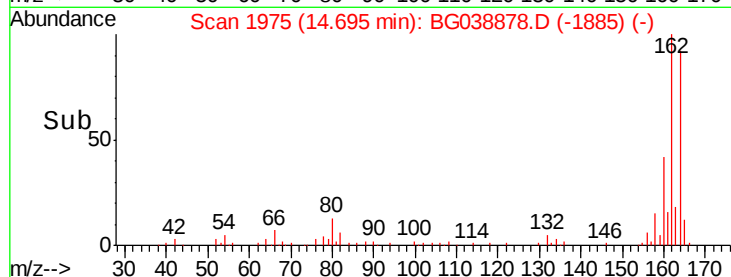
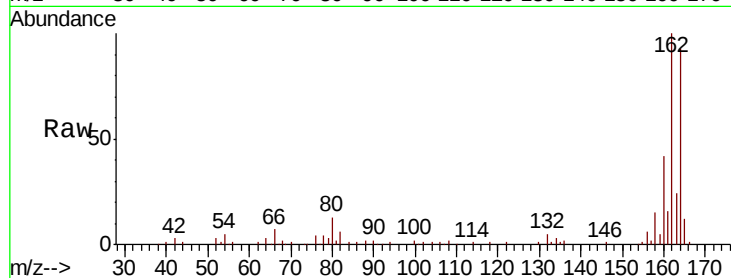
Tot Ion:164 Resp: 75761

Ion Ratio Lower Upper

164 100

162 107.5 86.6 130.0

160 45.0 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 182.034 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

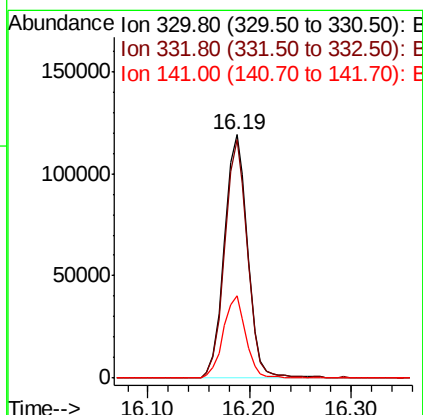
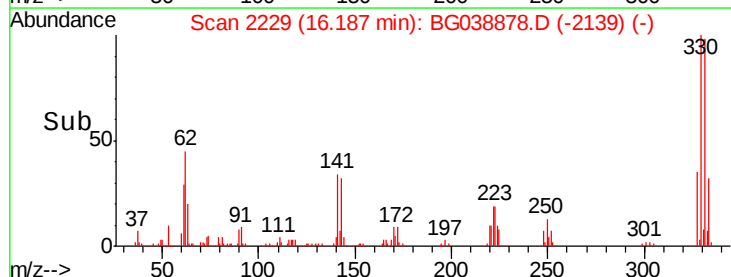
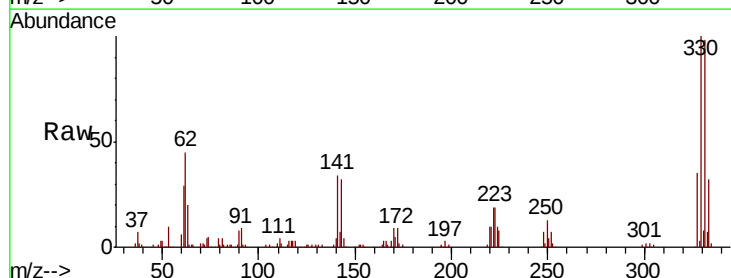
Tgt Ion:330 Resp: 190066

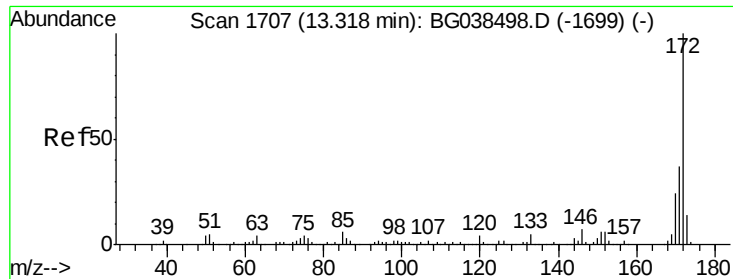
Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 32.6 28.8 43.2

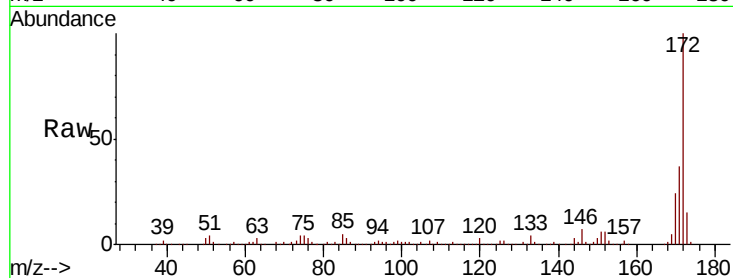




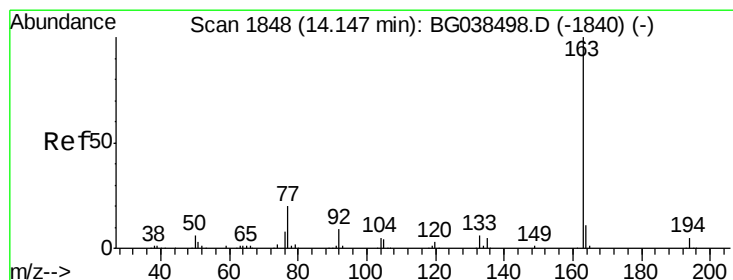
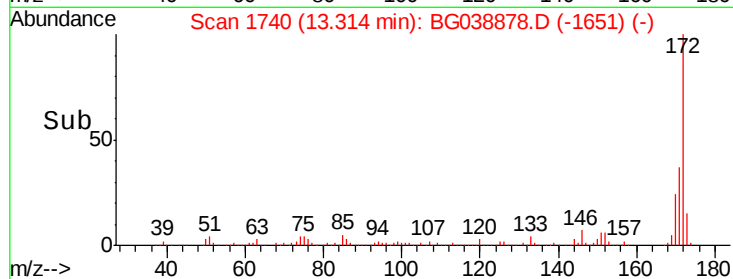
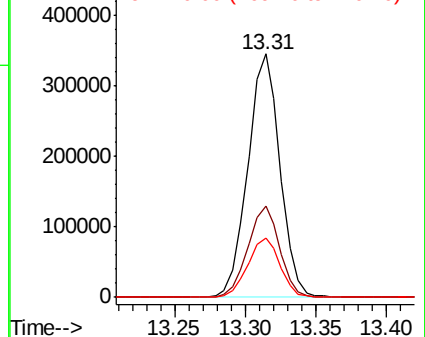
#45
2-Fluorobiphenyl
Concen: 99.827 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 551302
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 24.5 19.5 29.3

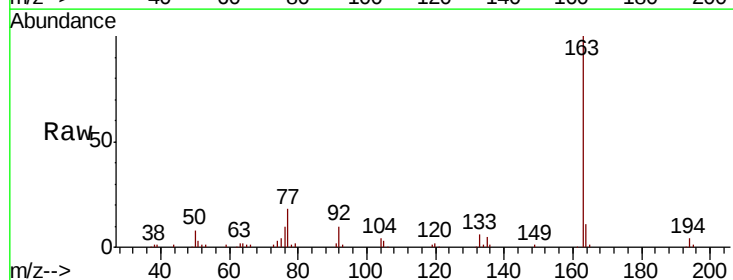


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

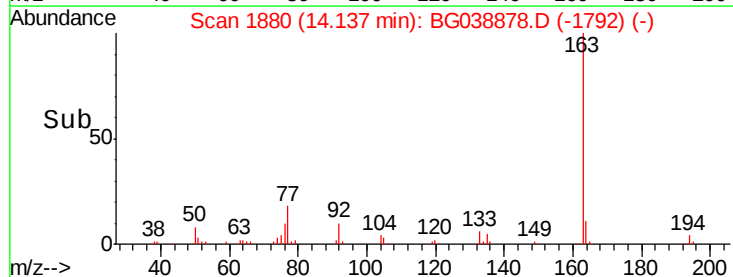
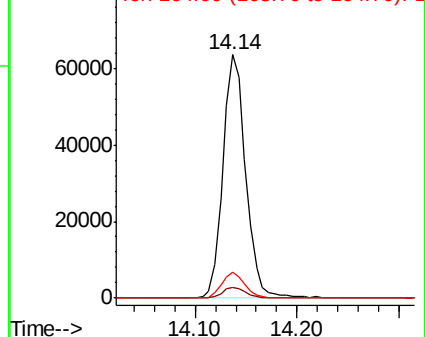


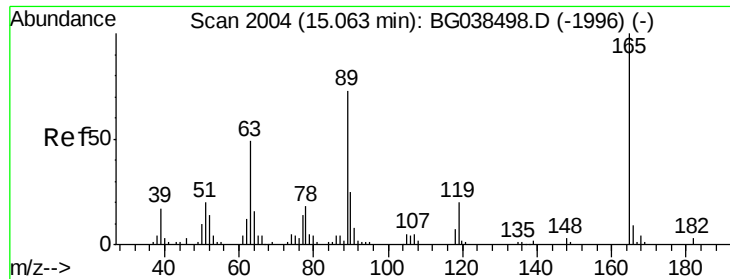
#50
Dimethylphthalate
Concen: 16.003 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Tgt Ion:163 Resp: 99009
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 10.7 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

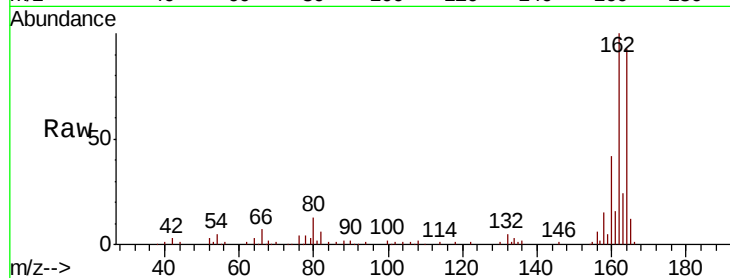




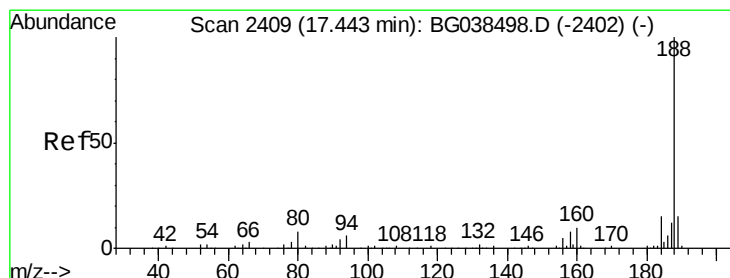
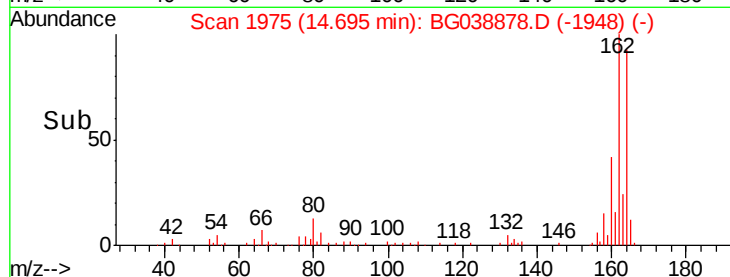
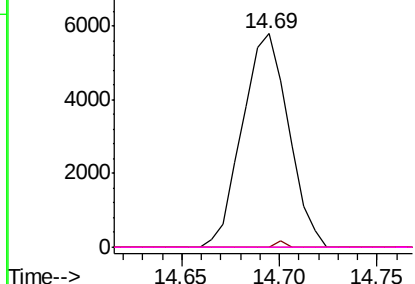
#57
 2,4-Dinitrotoluene
 Concen: 4.815 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 9509
 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#

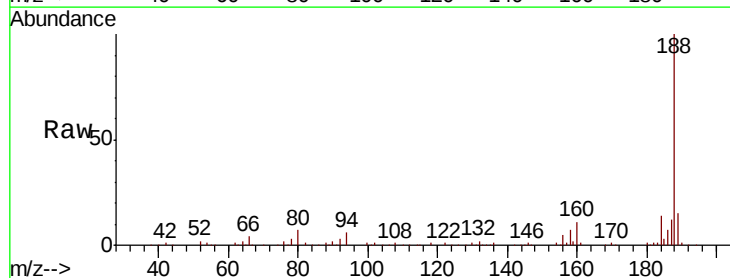


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

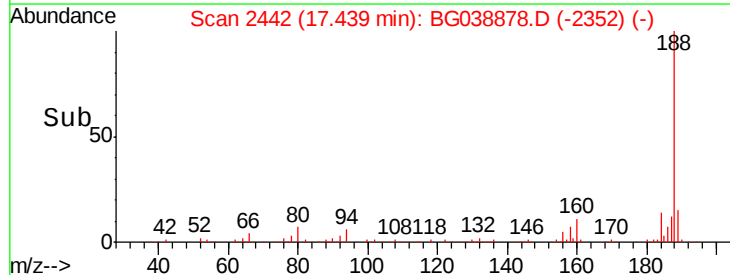
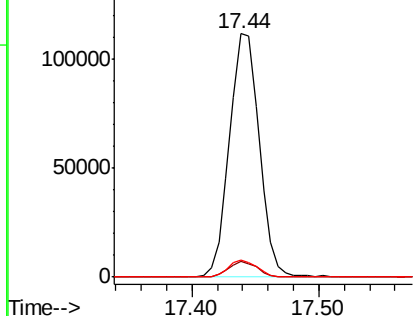


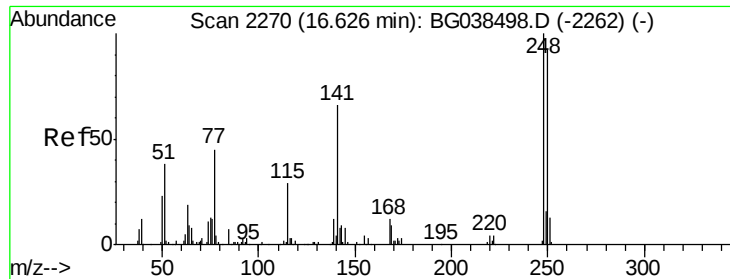
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Tgt Ion:188 Resp: 182420
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 6.9 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

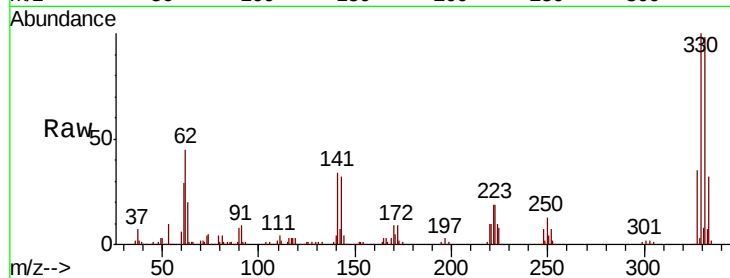




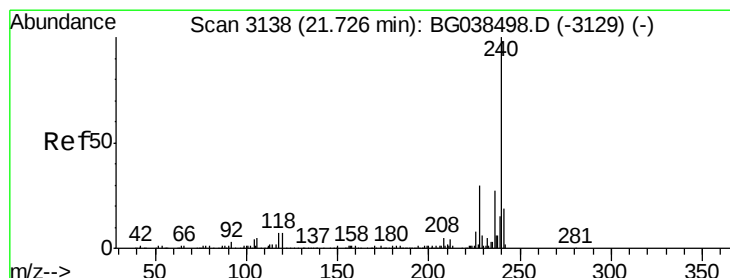
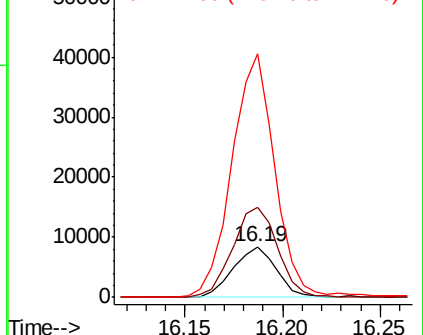
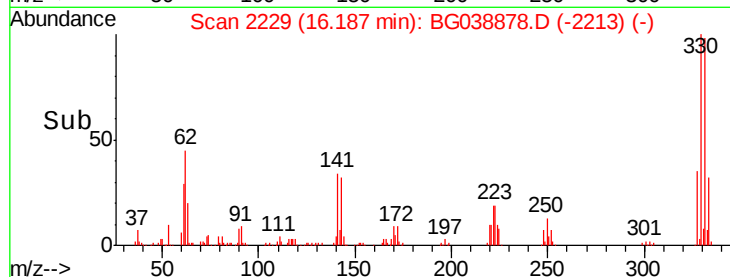
#67
 4-Bromophenyl-phenylether
 Concen: 5.743 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12794
 Ion Ratio Lower Upper
 248 100
 250 184.6 73.4 110.2#
 141 375.7 52.9 79.3#

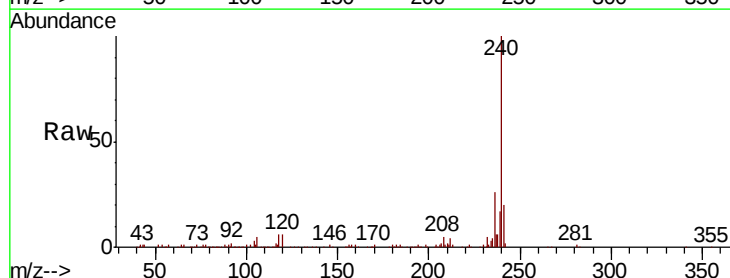


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

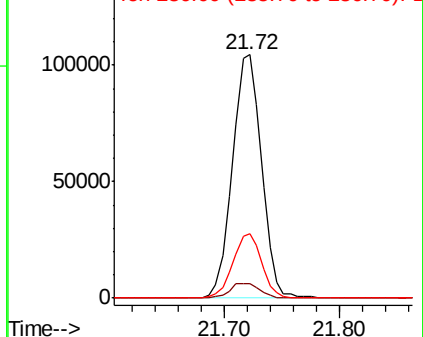
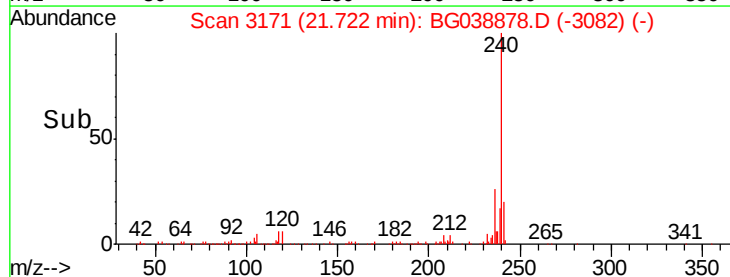


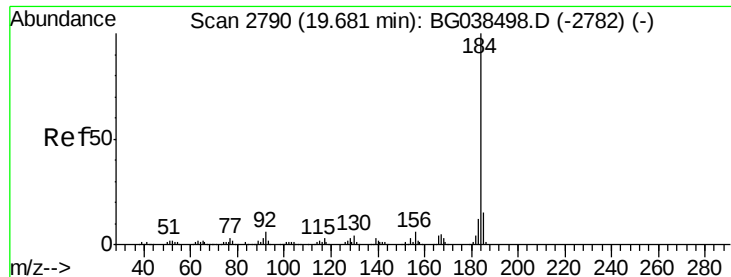
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038878.D
 Acq: 28 Dec 2018 17:53

Tgt Ion:240 Resp: 182554
 Ion Ratio Lower Upper
 240 100
 120 6.0 5.3 7.9
 236 26.4 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: 3.008 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

Instrument :

BNA_G

ClientSampleId :

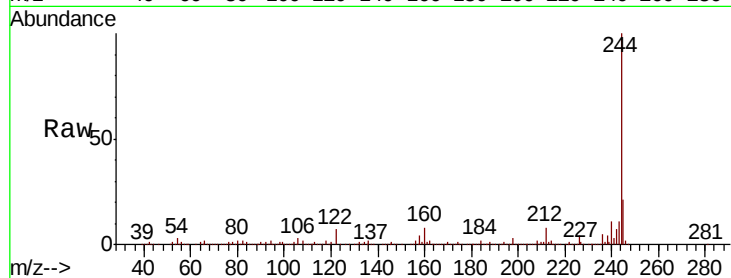
Tot Ion:184 Resp: 16239

Ion Ratio Lower Upper

184 100

185 17.2 12.2 18.2

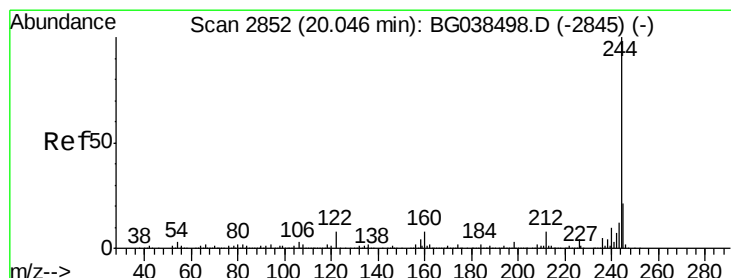
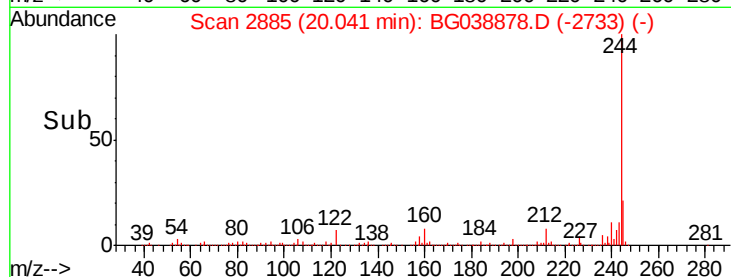
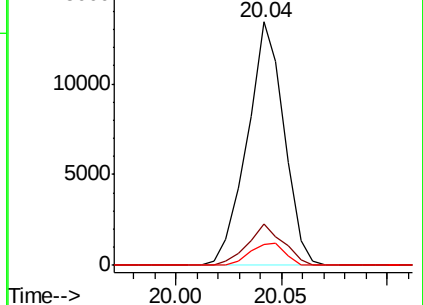
183 8.3 9.6 14.4#



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: 115.771 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038878.D

Acq: 28 Dec 2018 17:53

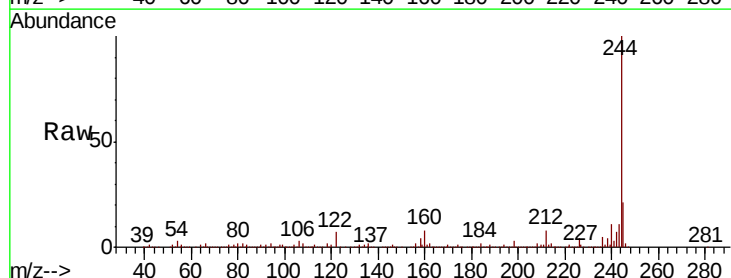
Tgt Ion:244 Resp: 971108

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

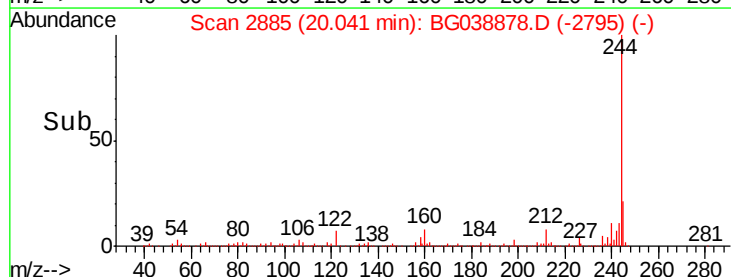
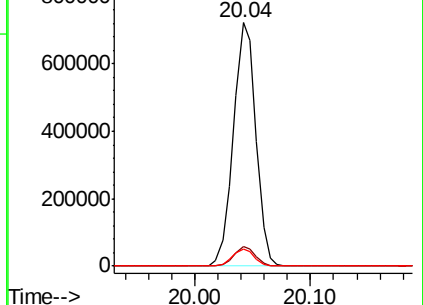
122 7.3 6.3 9.5

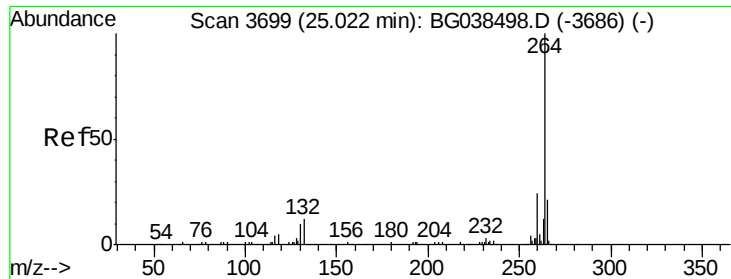


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038878.D
Acq: 28 Dec 2018 17:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.3	18.9	28.3
265	20.2	17.0	25.4

