

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038877.D
 Acq On : 28 Dec 2018 17:13
 Operator : JU/SJ
 Sample : J6549-03RE
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 00:20:04 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

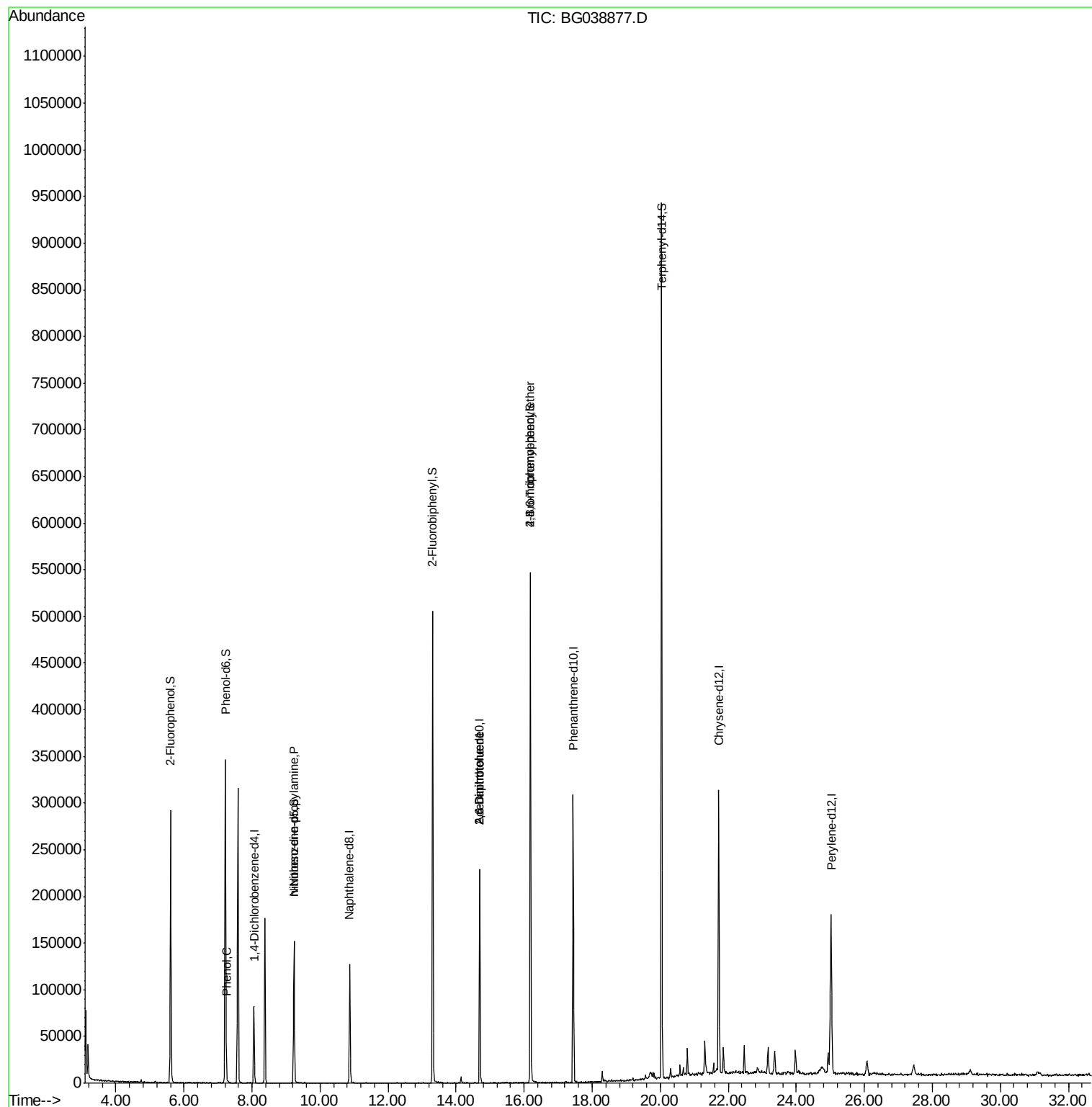
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25000	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	115501	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	87347	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	204397	20.00	ng	0.00
76) Chrysene-d12	21.72	240	199282	20.00	ng	0.00
87) Perylene-d12	25.02	264	213056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	134351	95.32	ng	0.00
7) Phenol-d6	7.22	99	210957	109.02	ng	0.01
23) Nitrobenzene-d5	9.23	82	94419	41.76	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	118419	98.37	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	287960	45.23	ng	0.00
79) Terphenyl-d14	20.04	244	495349	54.10	ng	0.00
Target Compounds						
10) Phenol	7.25	94	5147	2.504	ng	81
19) n-Nitroso-di-n-propylamine	9.23	70	12565	9.246	ng	# 63
51) 2,6-Dinitrotoluene	14.69	165	10658	6.593	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	10658	4.681	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	7916	3.171	ng	# 1

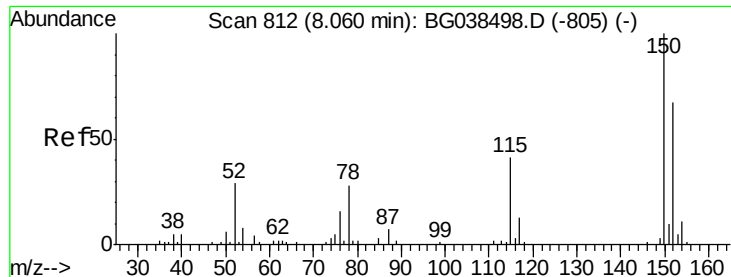
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration



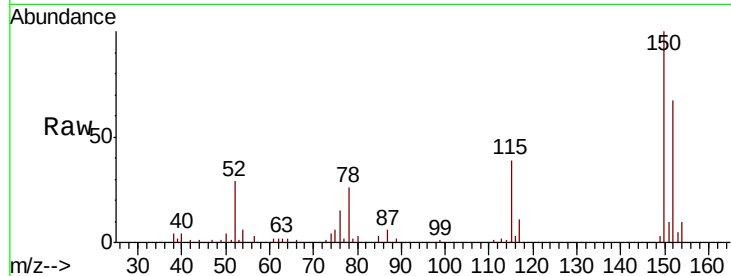


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Instrument :
BNA_G
ClientSampled :

Tot Ion	152	Resp	25000
Ion Ratio	100	Lower	Upper
152	100		
150	148.9	119.5	179.3
115	57.8	49.6	74.4

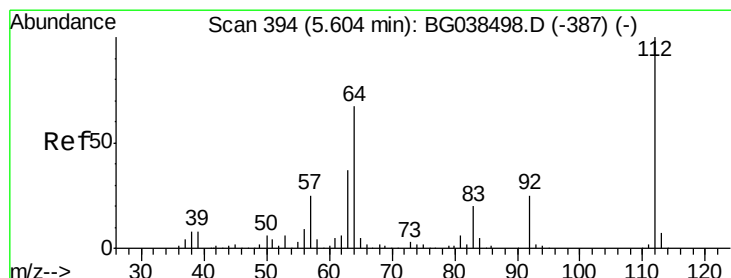
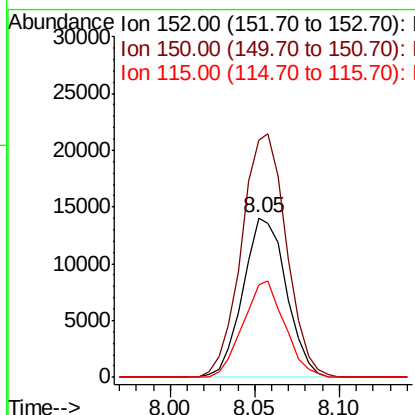
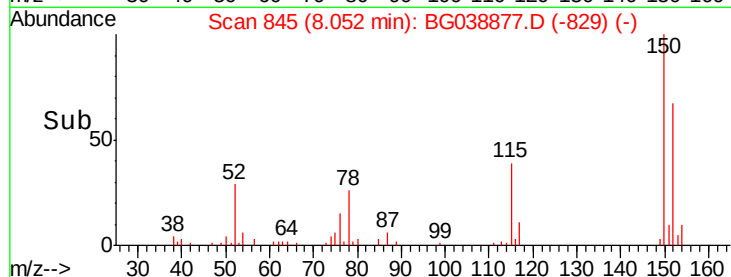


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

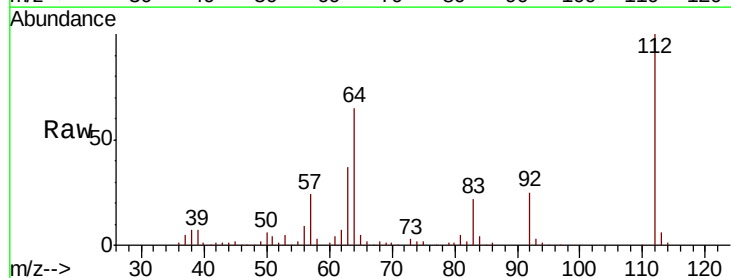
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.317 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Tgt Ion	112	Resp	134351
Ion Ratio	100	Lower	Upper
112	100		
64	64.6	53.4	80.2
63	37.1	29.3	43.9

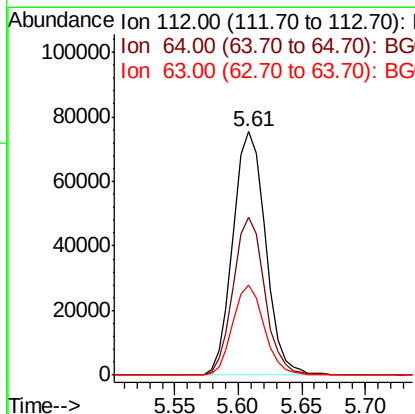
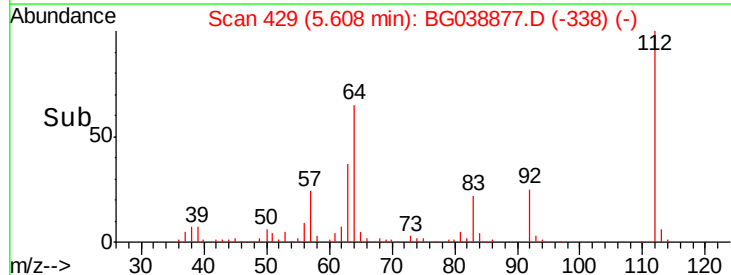


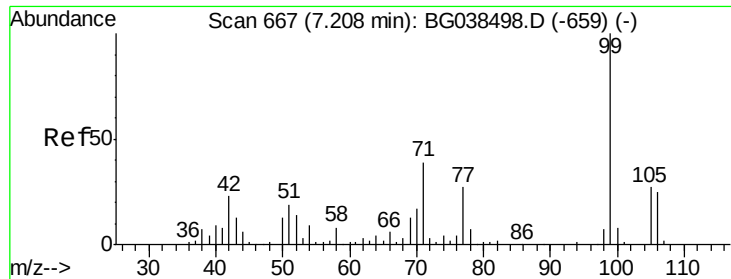
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 109.022 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

Instrument :

BNA_G

ClientSampleId :

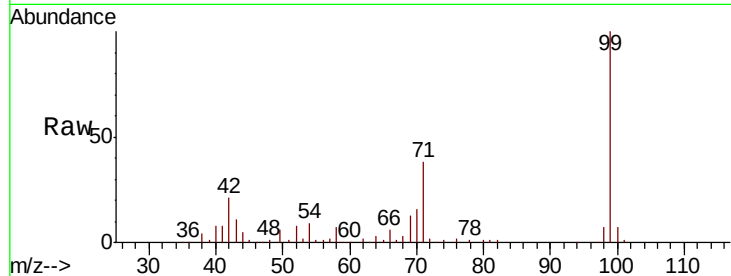
Tot Ion: 99 Resp: 210957

Ion Ratio Lower Upper

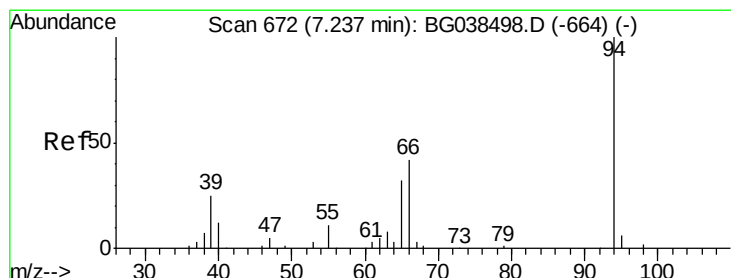
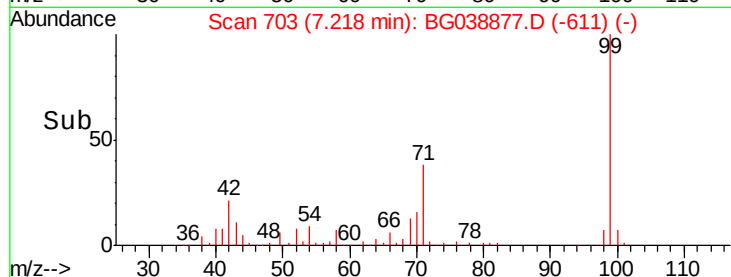
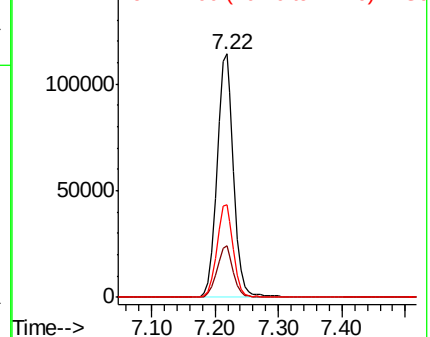
99 100

42 21.4 18.5 27.7

71 38.0 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: 2.504 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

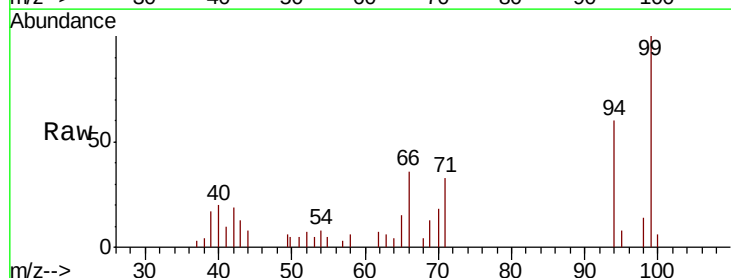
Tgt Ion: 94 Resp: 5147

Ion Ratio Lower Upper

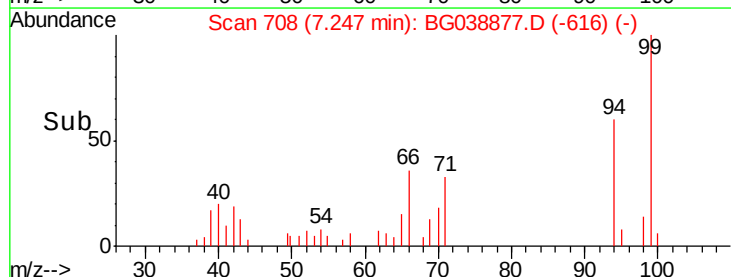
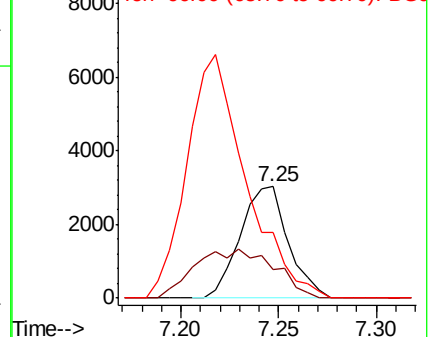
94 100

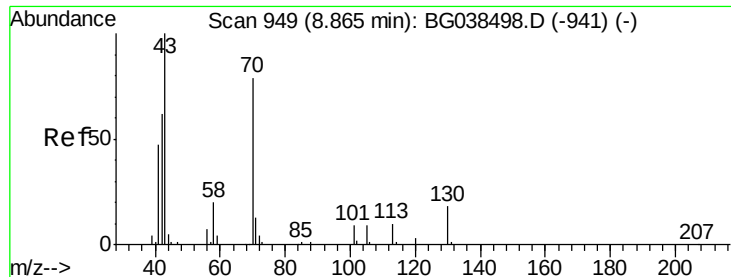
65 25.0 12.6 52.6

66 58.9 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

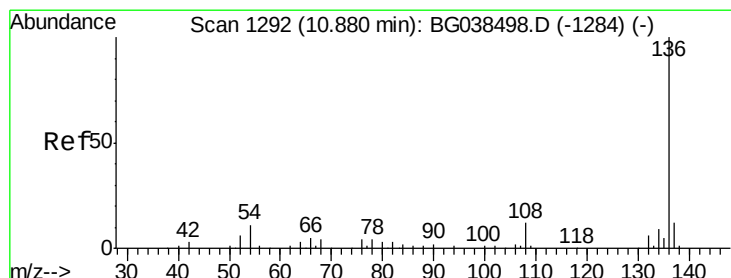
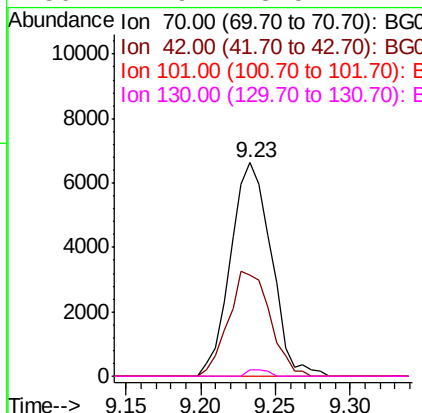
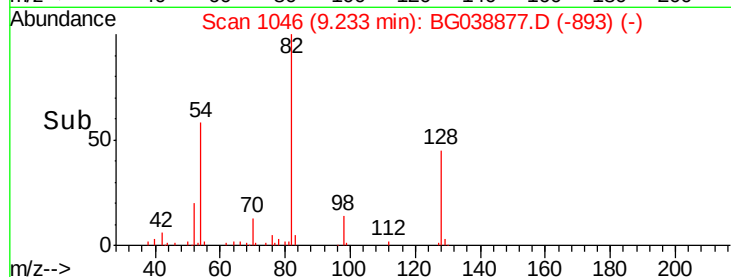
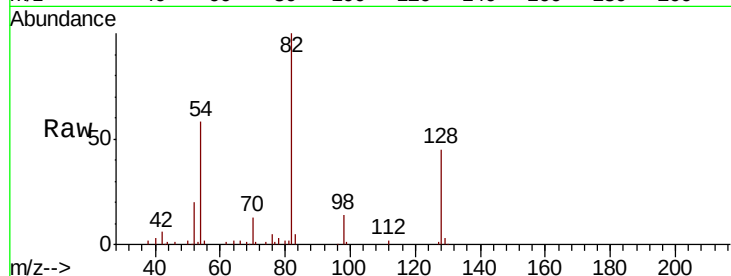




#19
n-Nitroso-di-n-propylamine
Concen: 9.246 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

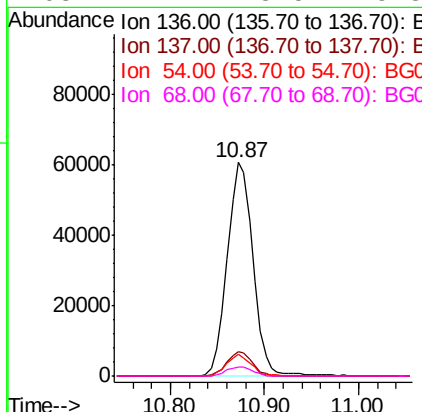
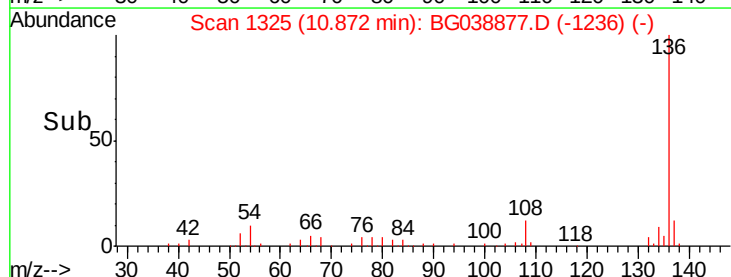
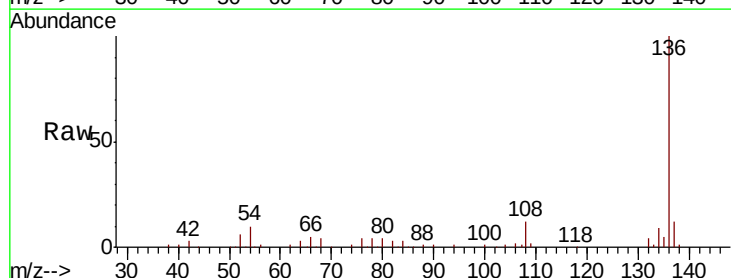
Instrument :
BNA_G
ClientSampled :

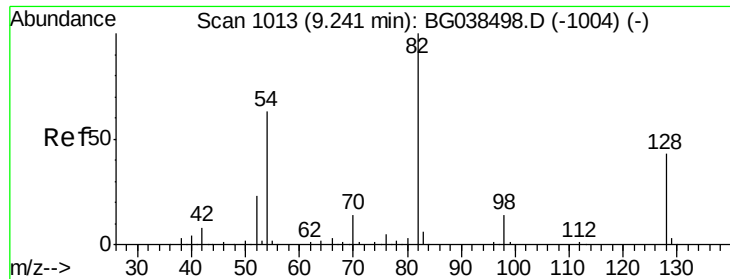
Tot Ion: 70 Resp: 12565
Ion Ratio Lower Upper
70 100
42 47.5 63.6 95.4#
101 0.0 9.2 13.8#
130 2.9 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038877.D
Acq: 28 Dec 2018 17:13

Tgt Ion: 136 Resp: 115501
Ion Ratio Lower Upper
136 100
137 11.6 9.3 13.9
54 10.0 8.5 12.7
68 4.1 3.5 5.3

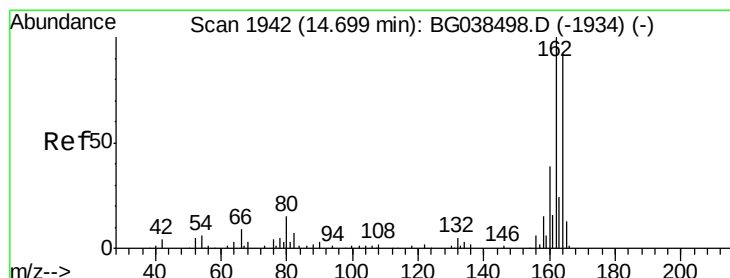
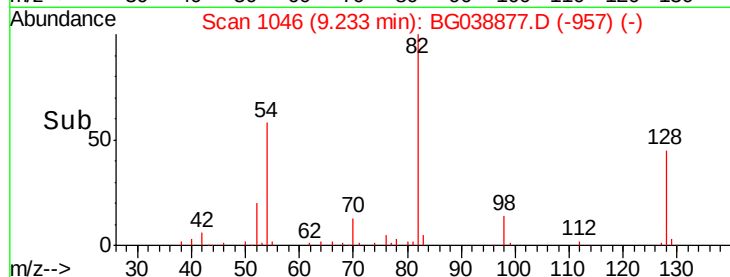
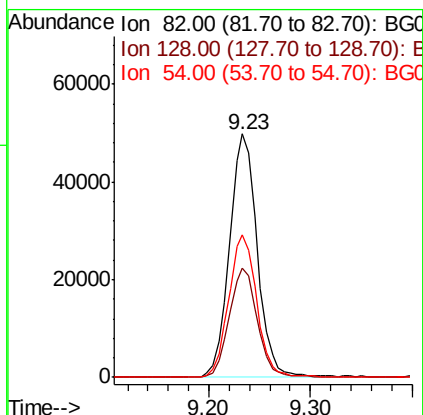
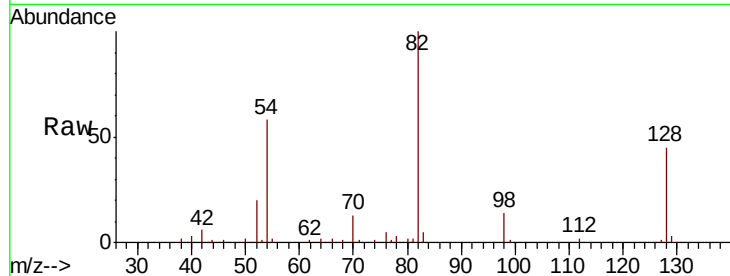




#23
 Nitrobenzene-d5
 Concen: 41.762 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

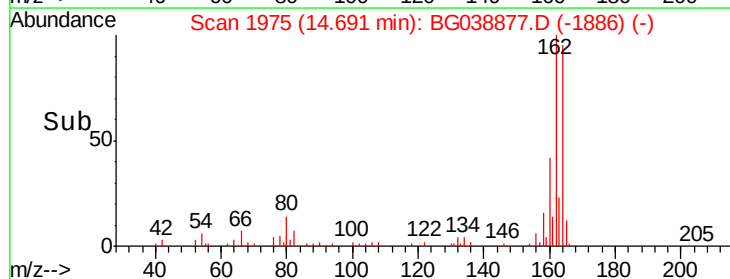
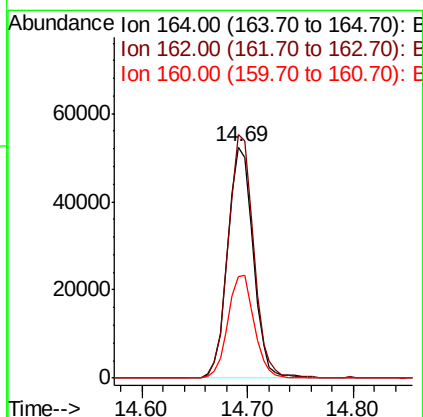
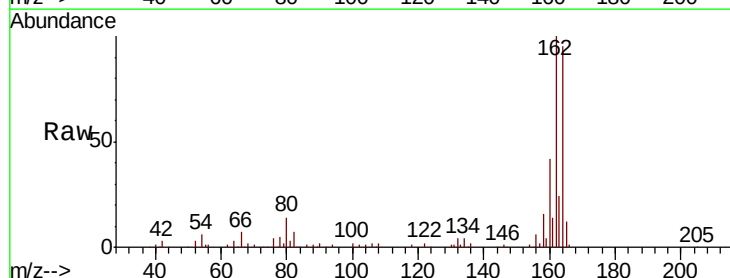
Instrument :
 BNA_G
 ClientSampleID :

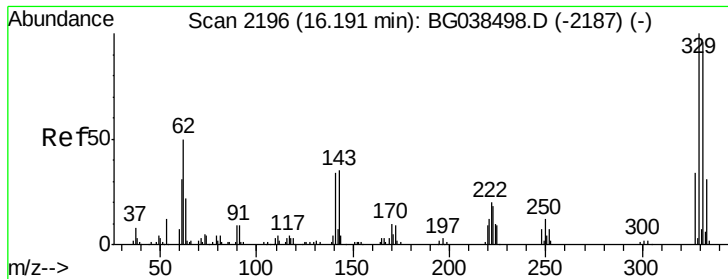
Tot Ion: 82 Resp: 94419
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.6 52.0
 54 58.4 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Tgt Ion: 164 Resp: 87347
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.6 130.0
 160 44.1 34.2 51.2

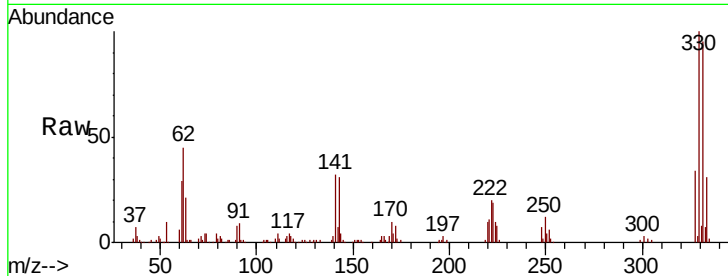




#42
 2,4,6-Tribromophenol
 Concen: 98.371 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	32.3	28.8	43.2

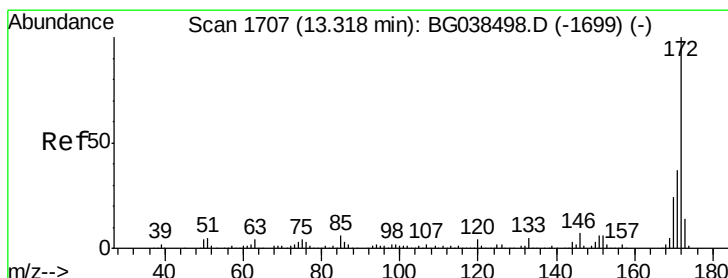
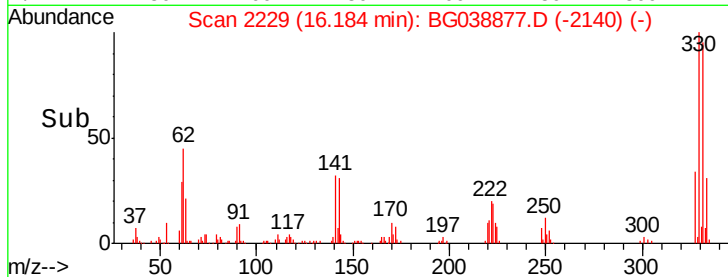
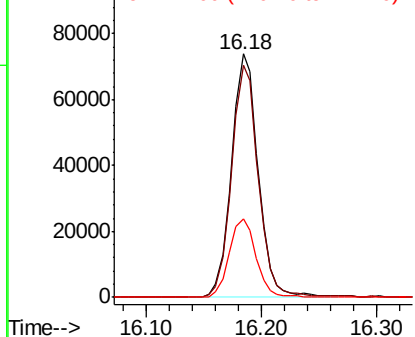


Abundance

Ion 329.80 (329.50 to 330.50): E

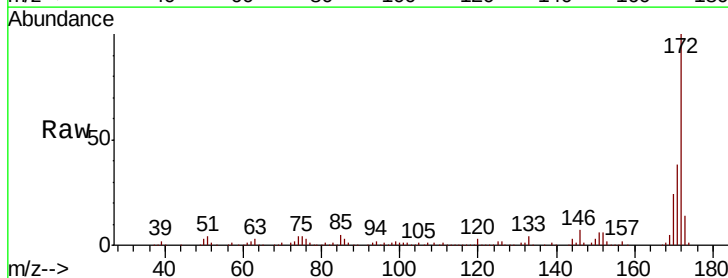
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 45.226 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	23.8	19.5	29.3

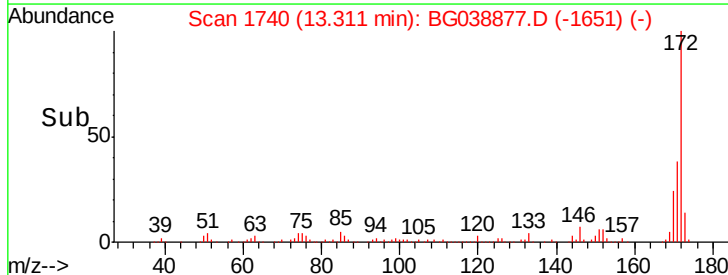
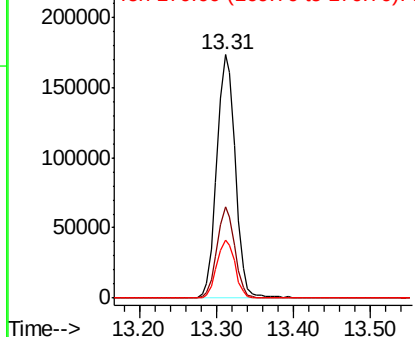


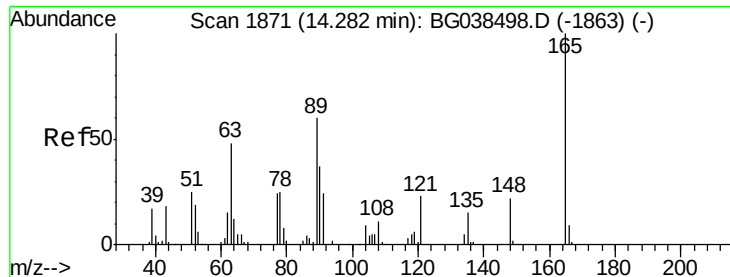
Abundance

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

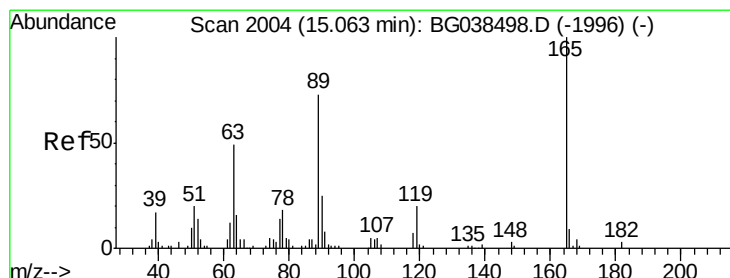
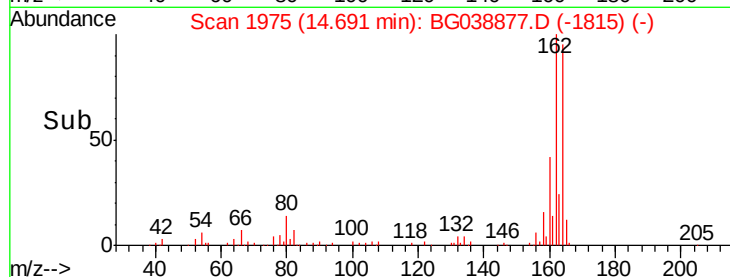
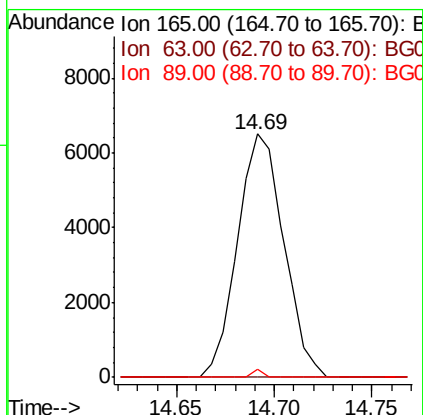
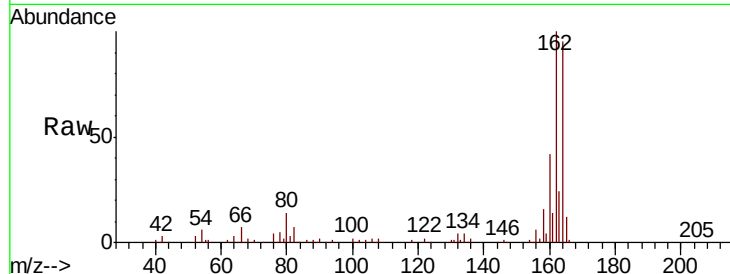




#51
 2,6-Dinitrotoluene
 Concen: 6.593 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

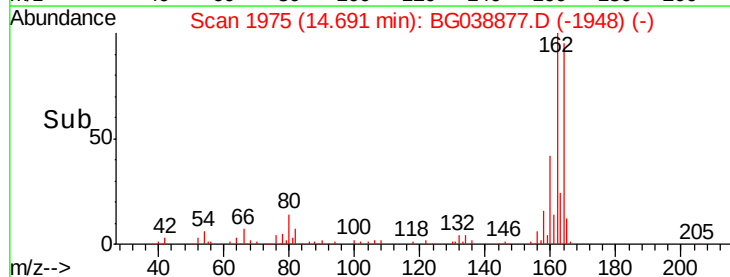
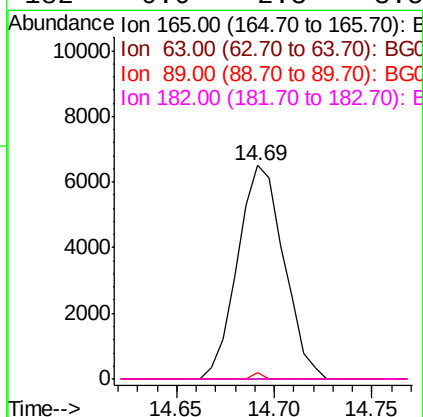
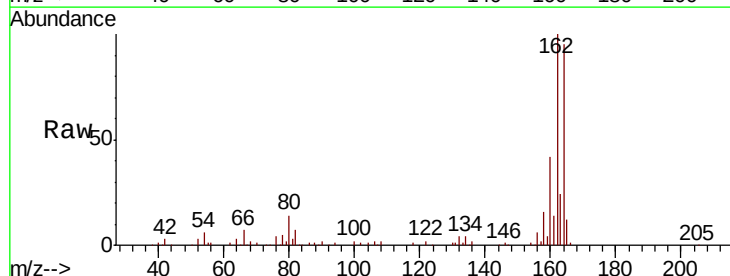
Instrument :
 BNA_G
 ClientSampleId :

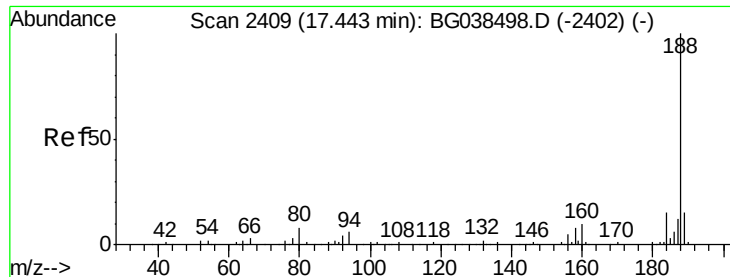
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	3.3	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 4.681 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038877.D
 Acq: 28 Dec 2018 17:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.3	58.0	87.0#
182	0.0	2.3	3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

Instrument :

BNA_G

ClientSampleId :

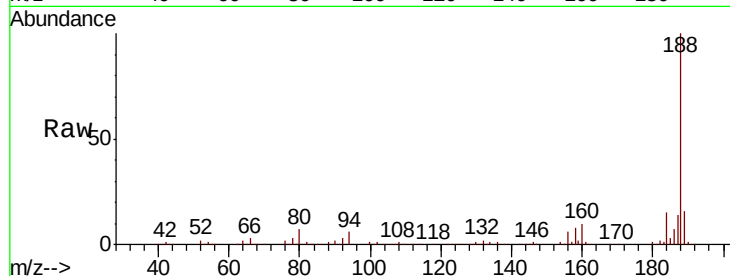
Tot Ion:188 Resp: 204397

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

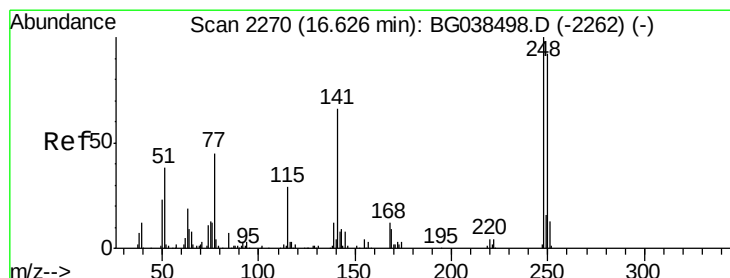
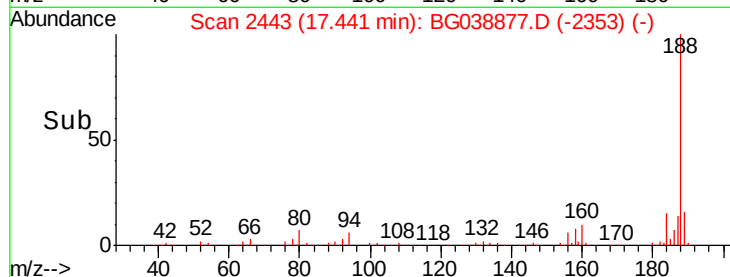
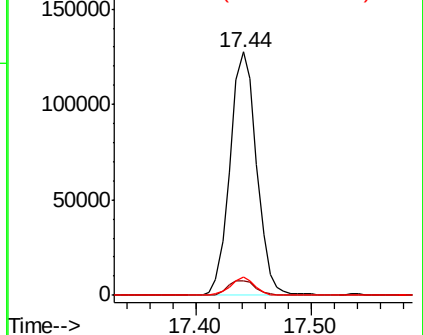
80 7.3 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#67

4-Bromophenyl-phenylether

Concen: 3.171 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

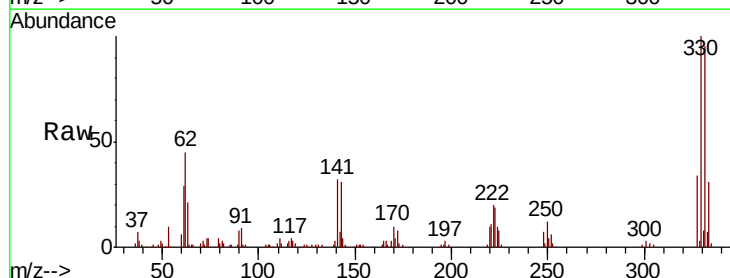
Tgt Ion:248 Resp: 7916

Ion Ratio Lower Upper

248 100

250 176.9 73.4 110.2#

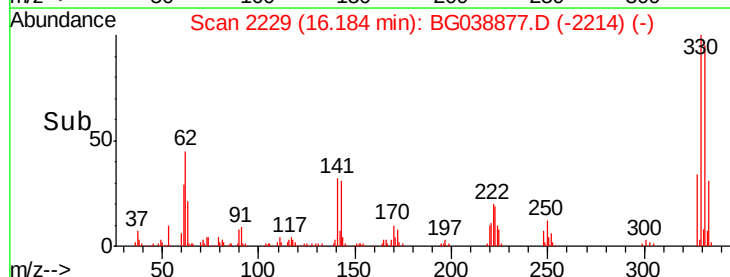
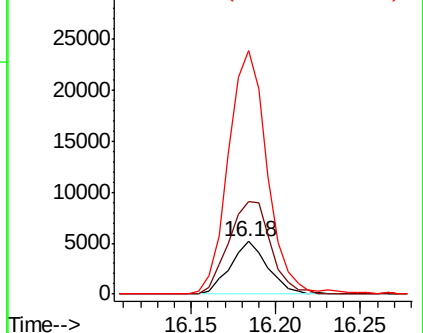
141 349.2 52.9 79.3#

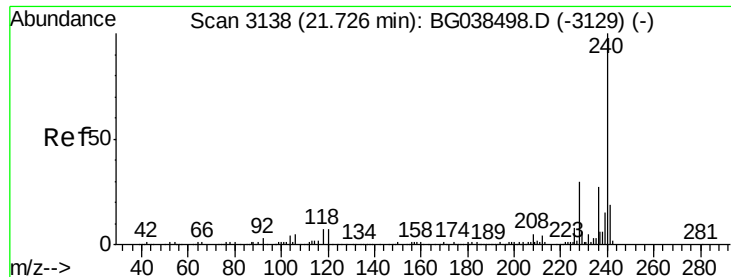


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG038877.D

Acq: 28 Dec 2018 17:13

Instrument :

BNA_G

ClientSampleId :

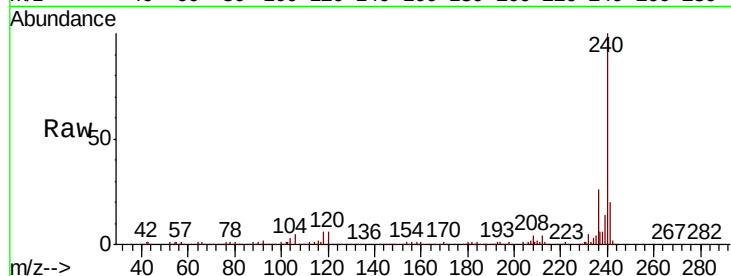
Tot Ion:240 Resp: 199282

Ion Ratio Lower Upper

240 100

120 6.4 5.3 7.9

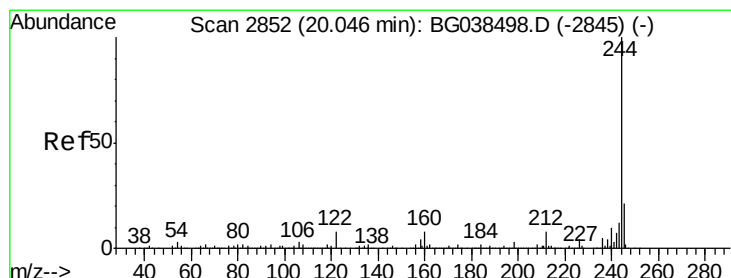
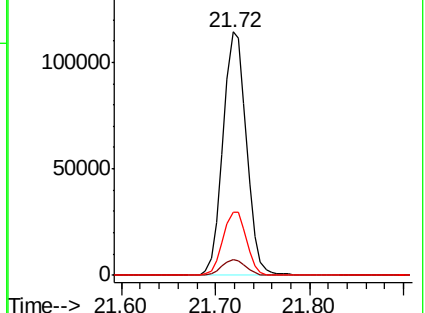
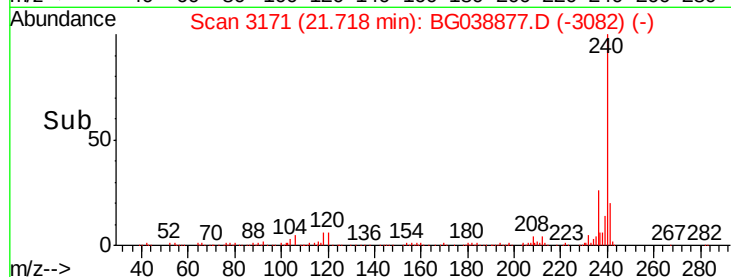
236 26.1 21.4 32.2



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



#79

Terphenyl-d14

Concen: 54.096 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038877.D

Acq: 28 Dec 2018 17:13

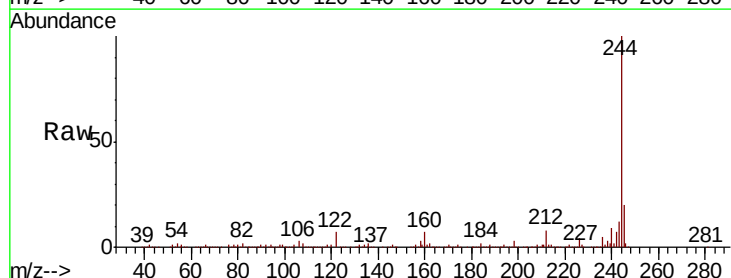
Tgt Ion:244 Resp: 495349

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

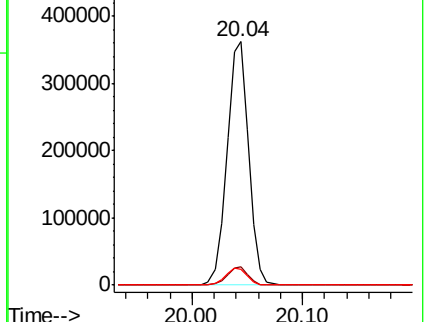
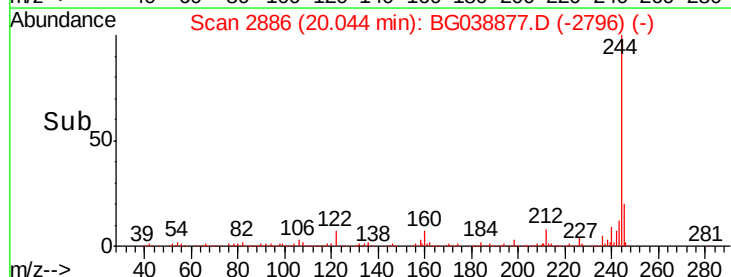
122 6.6 6.3 9.5

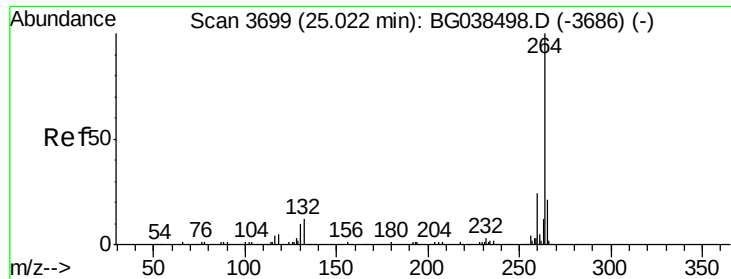


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038877.D
Acq: 28 Dec 2018 17:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	264	Resp:	213056
Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.9	28.3
265	22.0	17.0	25.4

