

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122018\
 Data File : BG038772.D
 Acq On : 20 Dec 2018 21:31
 Operator : JU/SJ
 Sample : J6388-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS009-0612-01

Quant Time: Dec 21 00:22:56 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	28275	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	116495	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	77860	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	182955	20.00	ng	0.00
76) Chrysene-d12	21.72	240	174462	20.00	ng	0.00
87) Perylene-d12	25.02	264	184282	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	190855	119.72	ng	0.00
7) Phenol-d6	7.21	99	267788	122.36	ng	0.00
23) Nitrobenzene-d5	9.23	82	170185	74.63	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	138799	129.35	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	426504	75.15	ng	0.00
79) Terphenyl-d14	20.04	244	651859	81.32	ng	0.00

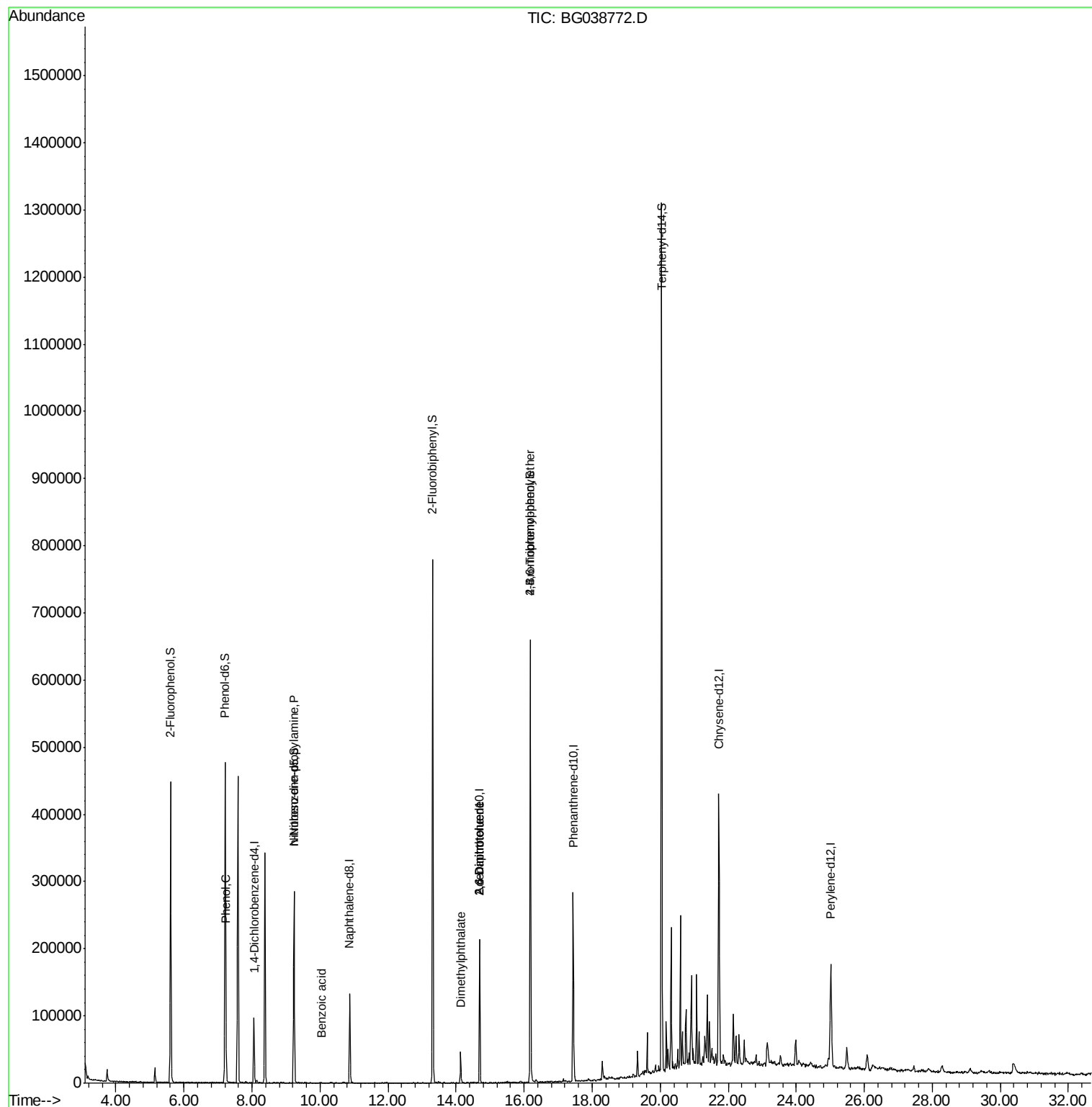
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.24	94	14660	6.305	ng	86
19) n-Nitroso-di-n-propylamine	9.23	70	22811	14.841	ng	# 68
32) Benzoic acid	10.04	122	71	10.216	ng	# 1
50) Dimethylphthalate	14.14	163	33865	5.326	ng	97
51) 2,6-Dinitrotoluene	14.69	165	9843	6.831	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	9843	4.850	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	8776	3.928	ng	# 1

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

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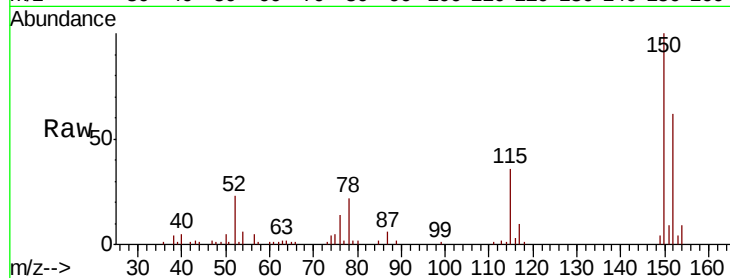


#1

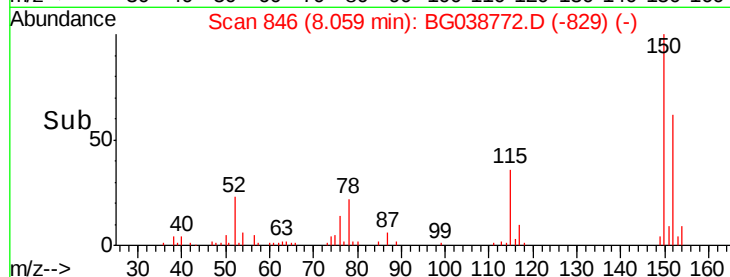
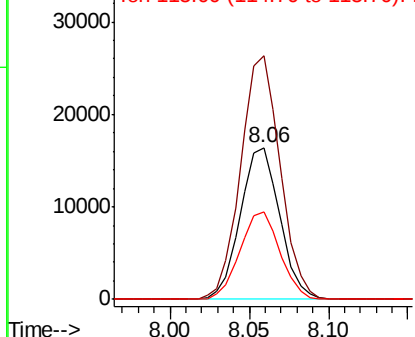
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Instrument :
BNA_G
ClientSampleId :
P001-SS009-0612-01

Tgt Ion:152 Resp: 28275
Ion Ratio Lower Upper
152 100
150 160.6 119.5 179.3
115 57.5 49.6 74.4



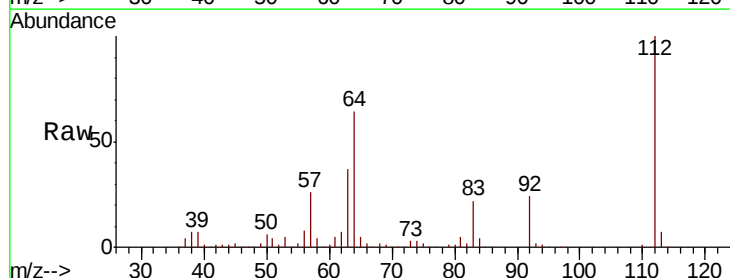
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



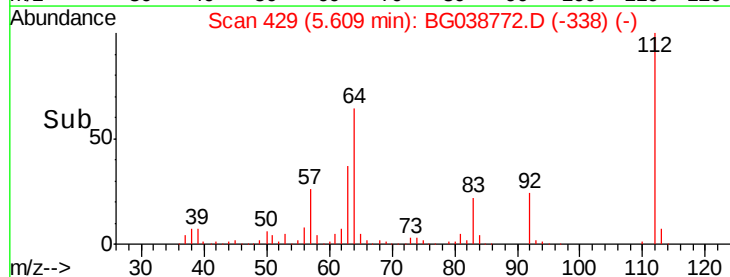
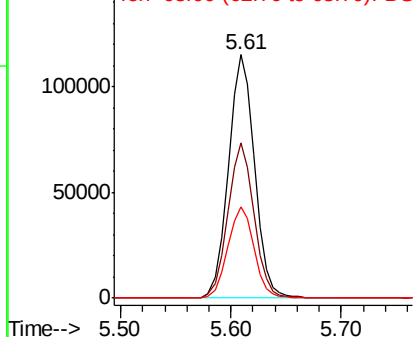
#5

2-Fluorophenol
Concen: 119.721 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Tgt Ion:112 Resp: 190855
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 37.5 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 122.362 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

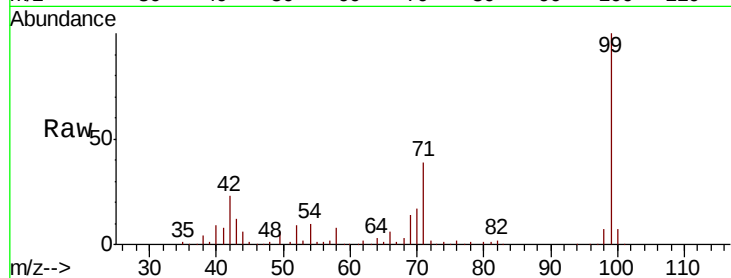
Tgt Ion: 99 Resp: 267788

Ion Ratio Lower Upper

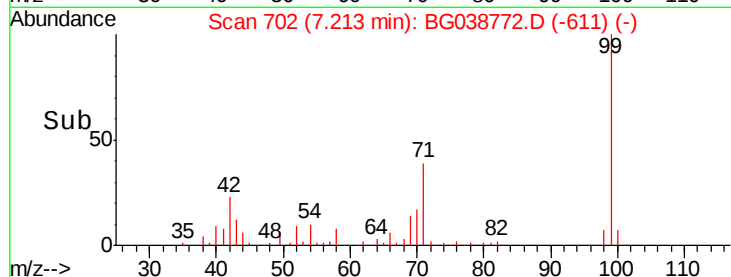
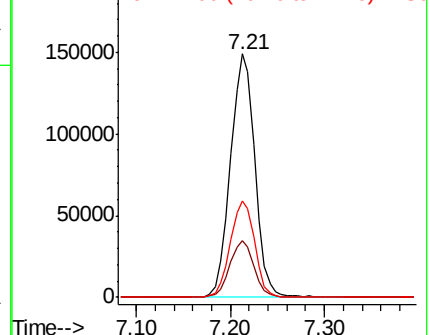
99 100

42 23.3 18.5 27.7

71 39.4 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: 6.305 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

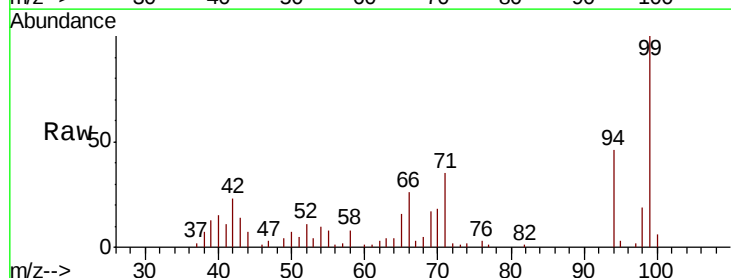
Tgt Ion: 94 Resp: 14660

Ion Ratio Lower Upper

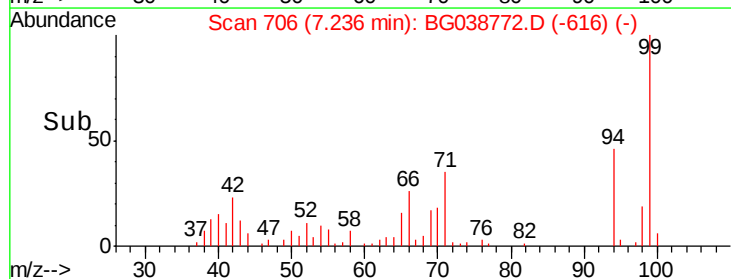
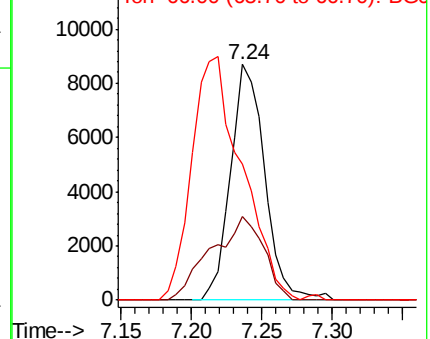
94 100

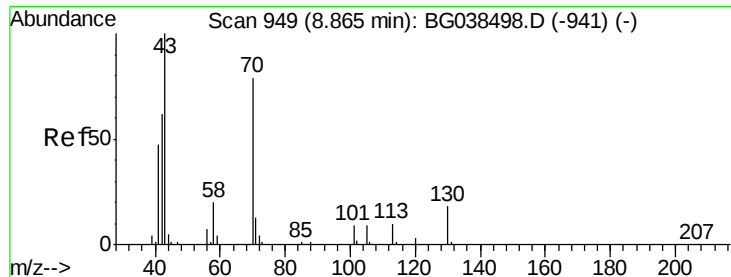
65 35.6 12.6 52.6

66 57.7 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

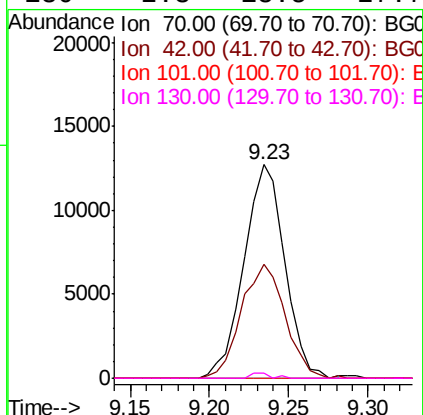
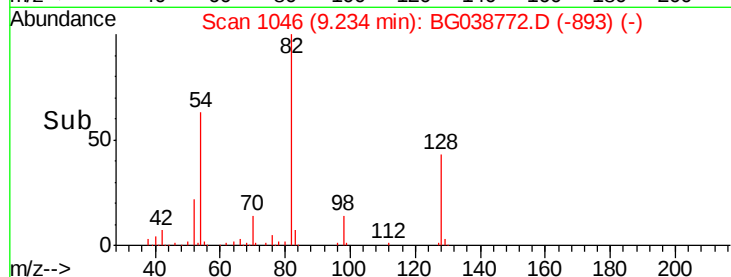
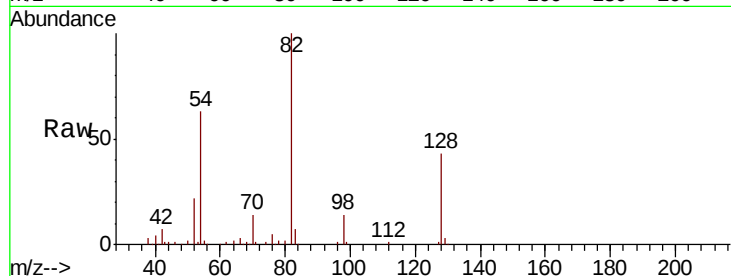




#19
n-Nitroso-di-n-propylamine
Concen: 14.841 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

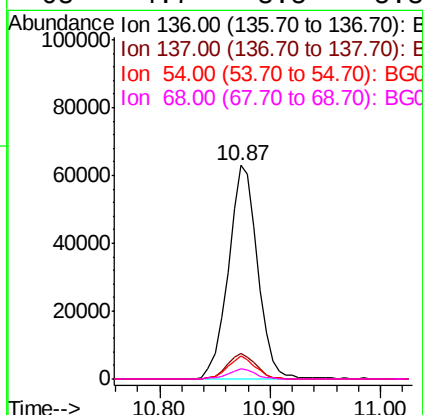
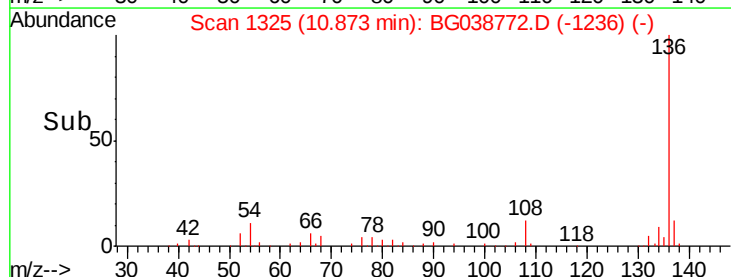
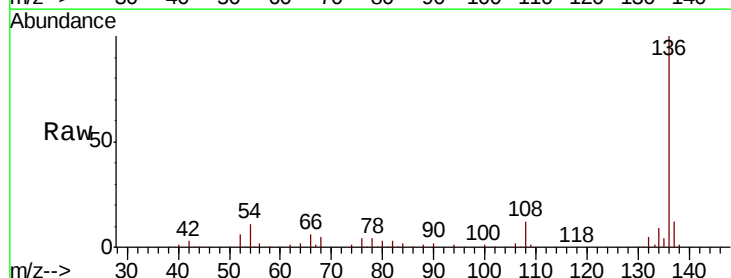
Instrument :
BNA_G
ClientSampleId :
P001-SS009-0612-01

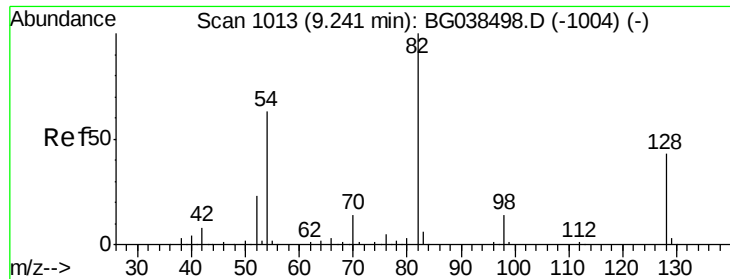
Tgt Ion: 70 Resp: 22811
Ion Ratio Lower Upper
70 100
42 53.4 63.6 95.4#
101 0.0 9.2 13.8#
130 2.3 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Tgt Ion: 136 Resp: 116495
Ion Ratio Lower Upper
136 100
137 12.0 9.3 13.9
54 11.0 8.5 12.7
68 4.7 3.5 5.3

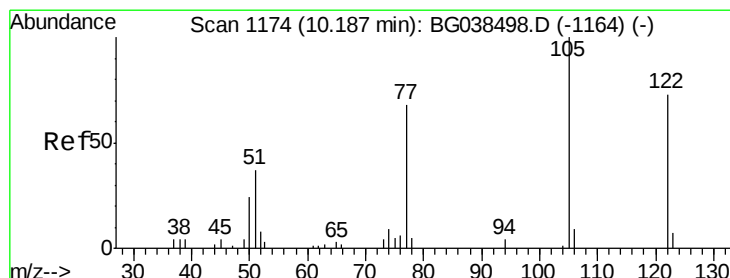
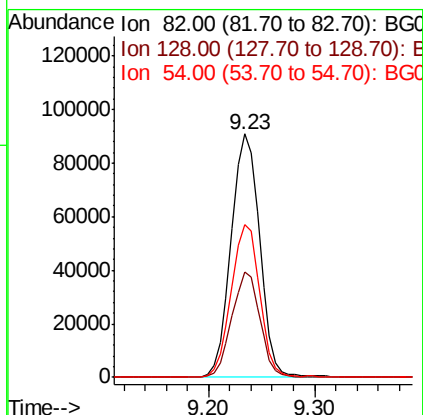
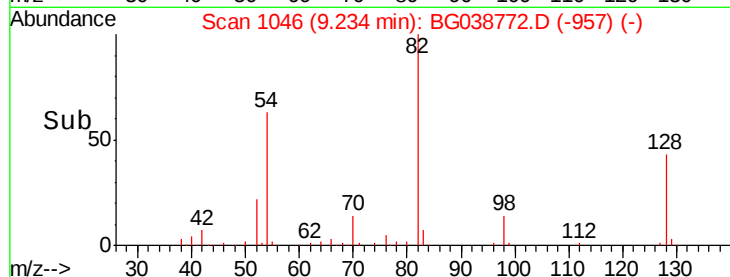
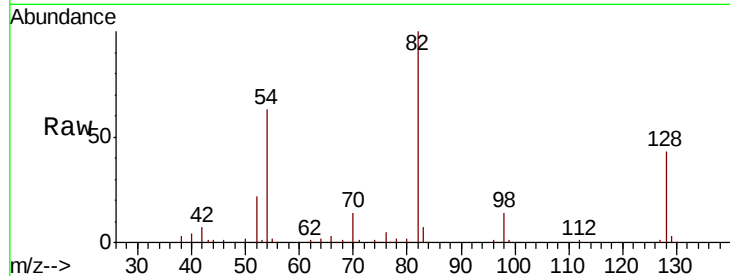




#23
 Nitrobenzene-d5
 Concen: 74.632 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

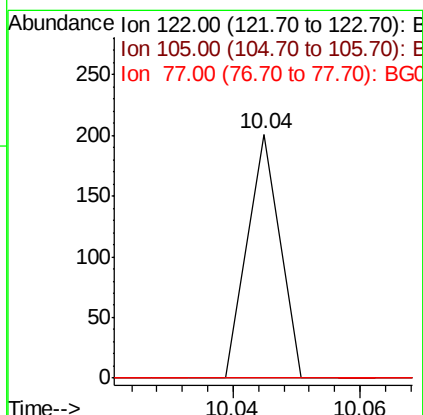
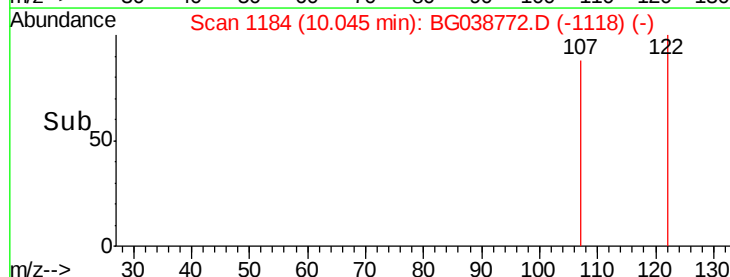
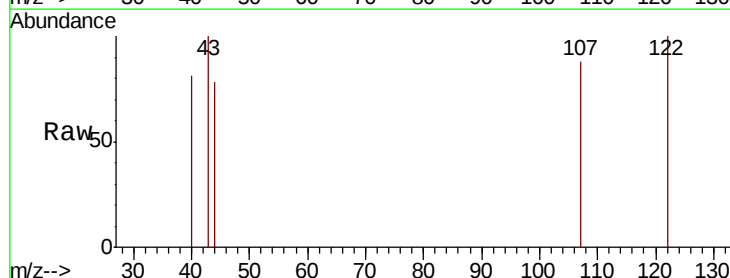
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS009-0612-01

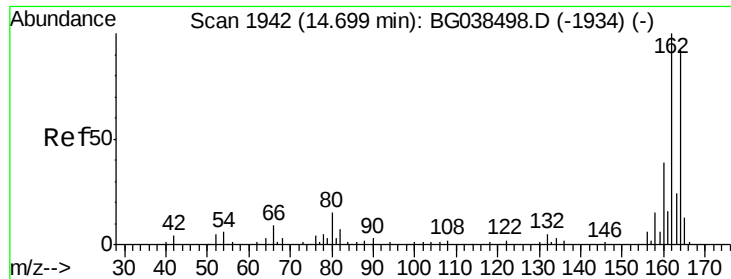
Tgt Ion: 82 Resp: 170185
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 62.8 50.6 76.0



#32
 Benzoic acid
 Concen: 10.216 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. -0.14 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

Tgt Ion: 122 Resp: 71
 Ion Ratio Lower Upper
 122 100
 105 0.0 116.7 156.7#
 77 0.0 72.5 112.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

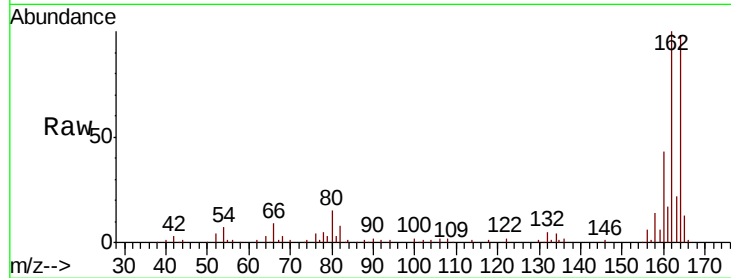
Tgt Ion:164 Resp: 77860

Ion Ratio Lower Upper

164 100

162 101.8 86.6 130.0

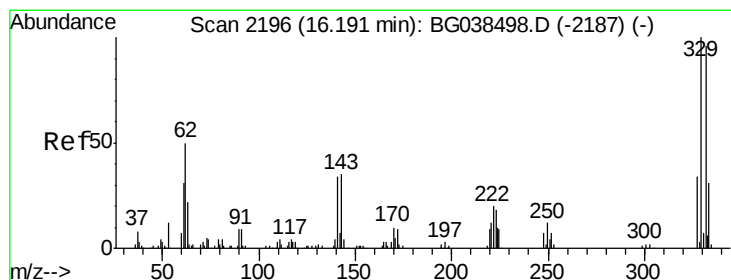
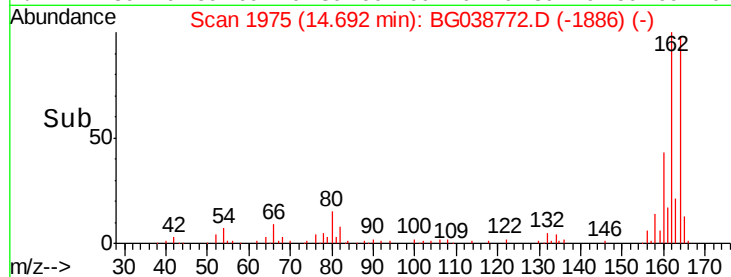
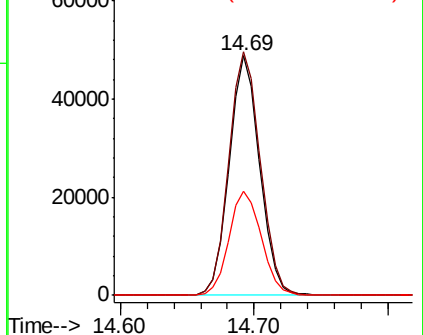
160 43.3 34.2 51.2



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: 129.350 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

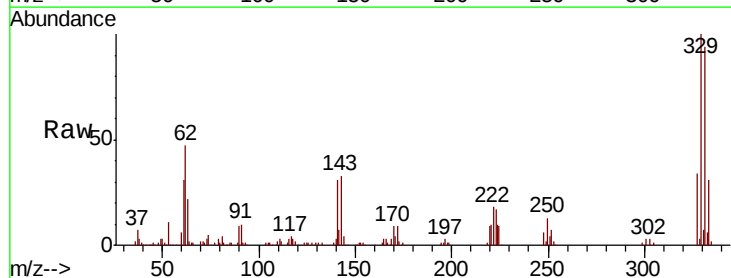
Tgt Ion:330 Resp: 138799

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

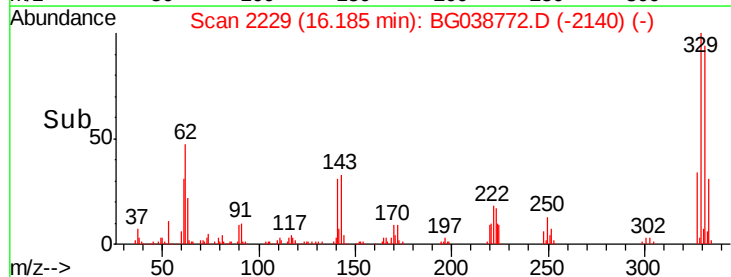
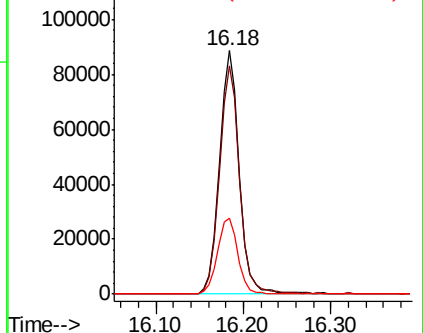
141 32.5 28.8 43.2

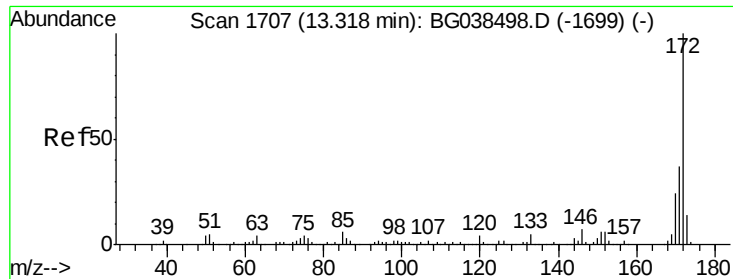


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

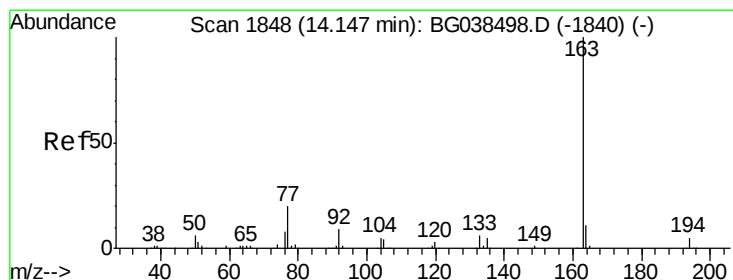
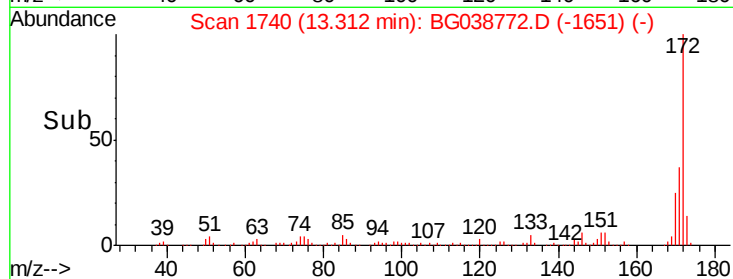
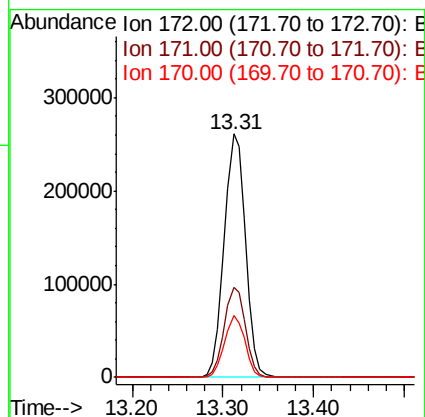
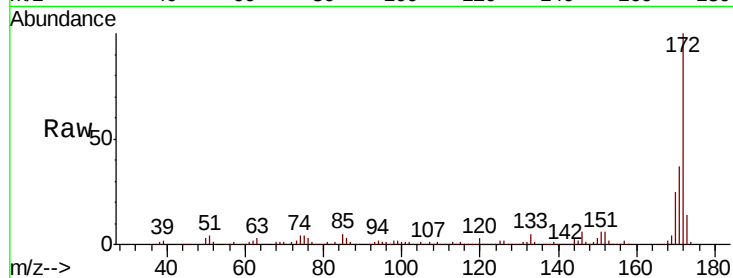




#45
 2-Fluorobiphenyl
 Concen: 75.148 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

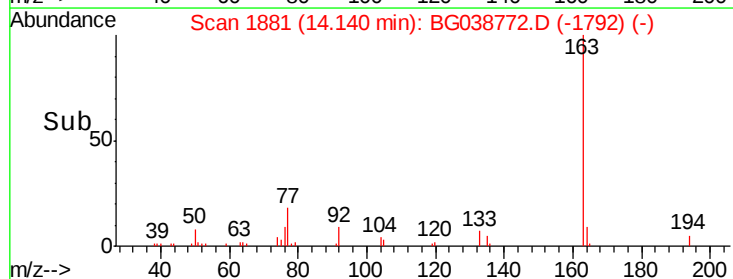
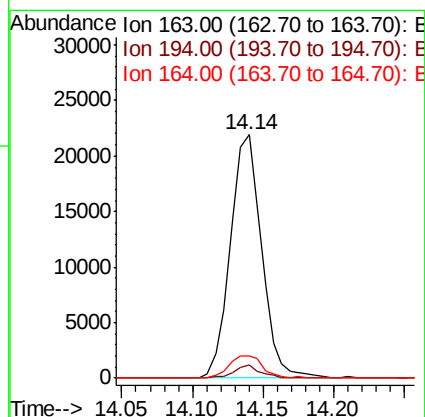
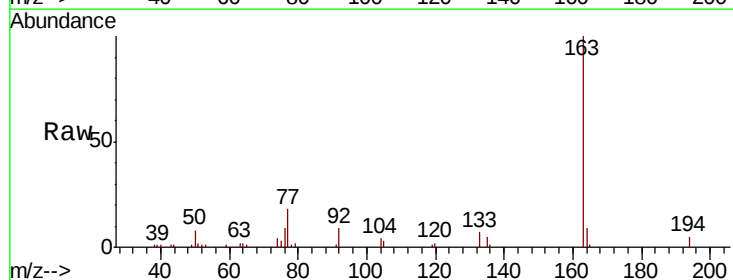
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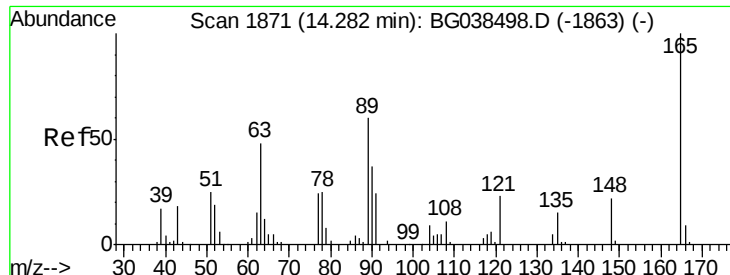
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.8	44.6
170	25.3	19.5	29.3



#50
 Dimethylphthalate
 Concen: 5.326 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	9.3	8.6	12.8

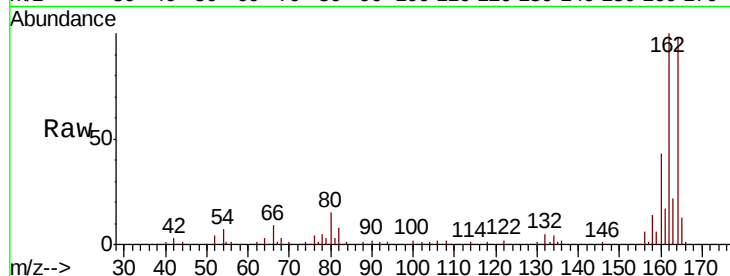




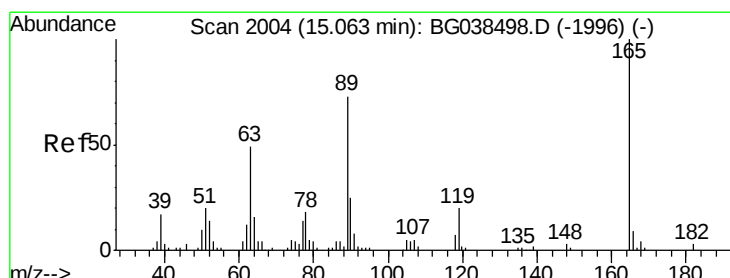
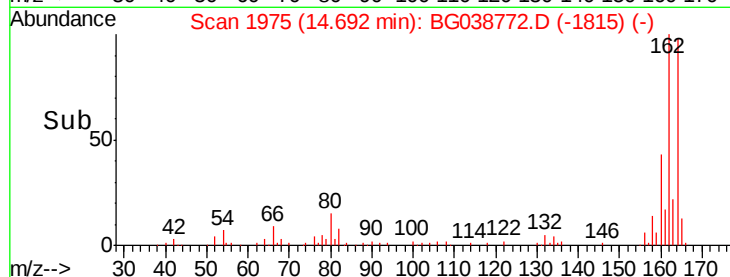
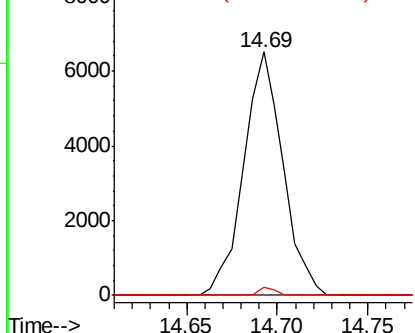
#51
 2,6-Dinitrotoluene
 Concen: 6.831 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS009-0612-01

Tgt Ion:165 Resp: 9843
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.6#
 89 3.4 47.9 71.9#



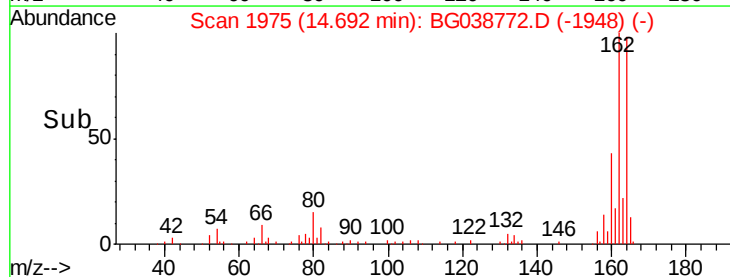
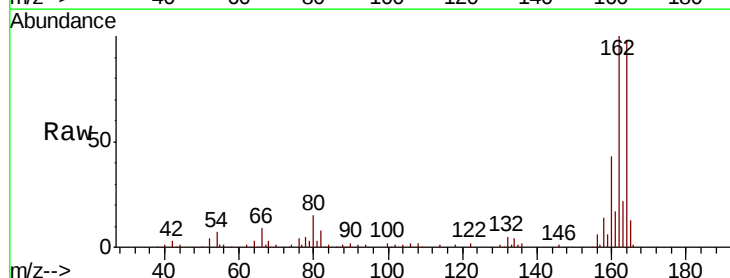
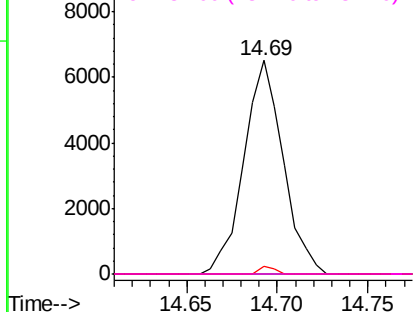
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

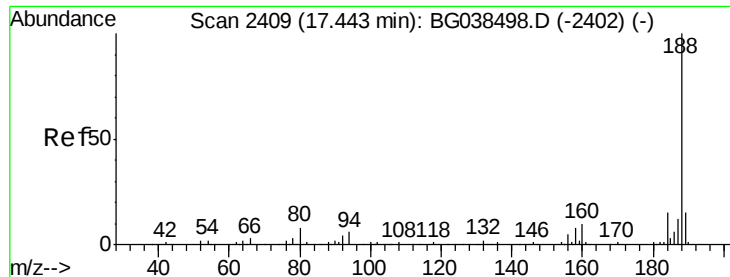


#57
 2,4-Dinitrotoluene
 Concen: 4.850 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038772.D
 Acq: 20 Dec 2018 21:31

Tgt Ion:165 Resp: 9843
 Ion Ratio Lower Upper
 165 100
 63 0.0 39.0 58.4#
 89 3.4 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: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

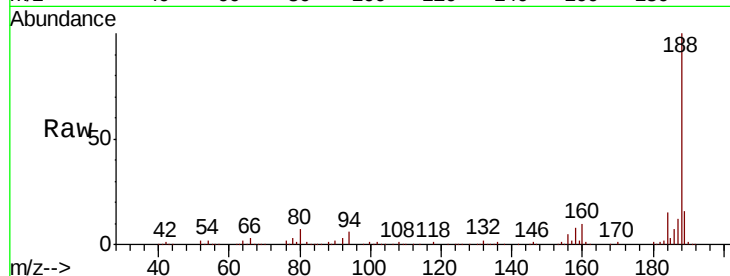
Tgt Ion:188 Resp: 182955

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

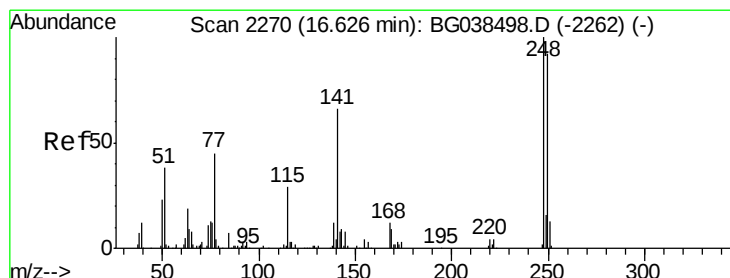
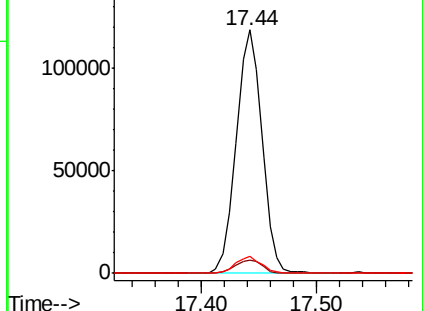
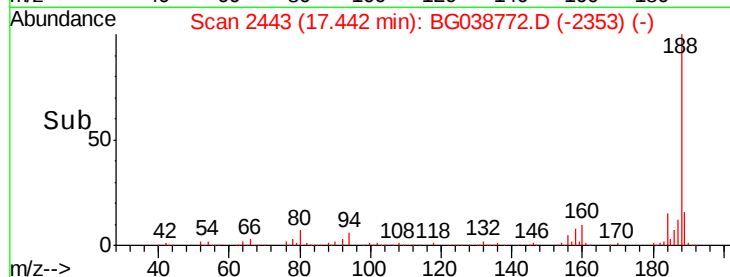
80 7.0 6.1 9.1



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: 3.928 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

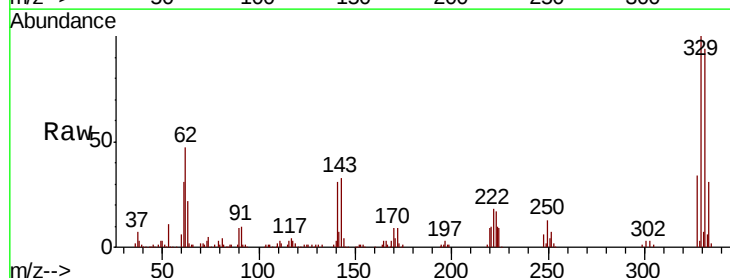
Tgt Ion:248 Resp: 8776

Ion Ratio Lower Upper

248 100

250 261.3 73.4 110.2#

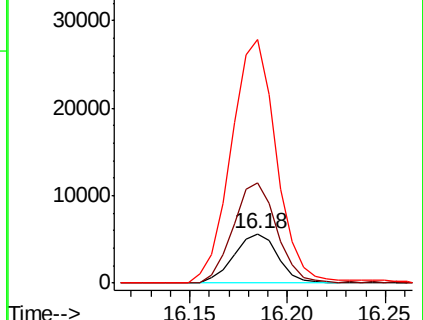
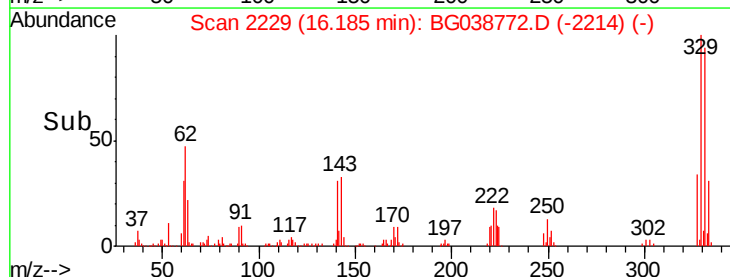
141 496.3 52.9 79.3#

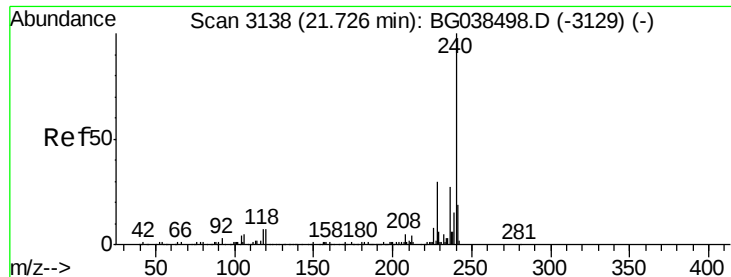


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG038772.D

Acq: 20 Dec 2018 21:31

Instrument :

BNA_G

ClientSampleId :

P001-SS009-0612-01

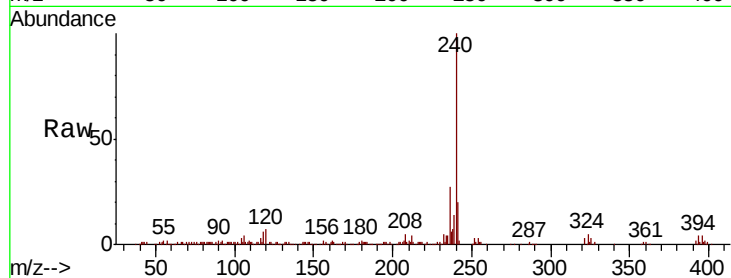
Tgt Ion:240 Resp: 174462

Ion Ratio Lower Upper

240 100

120 6.5 5.3 7.9

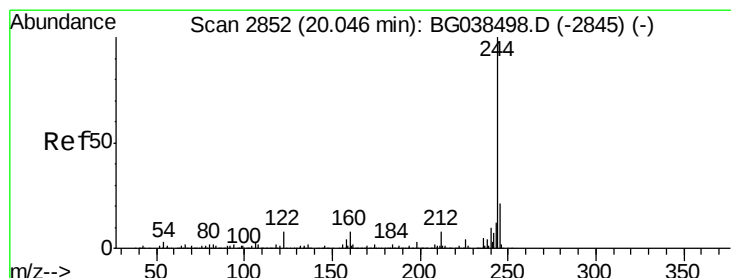
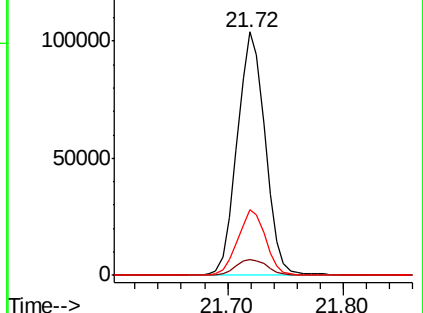
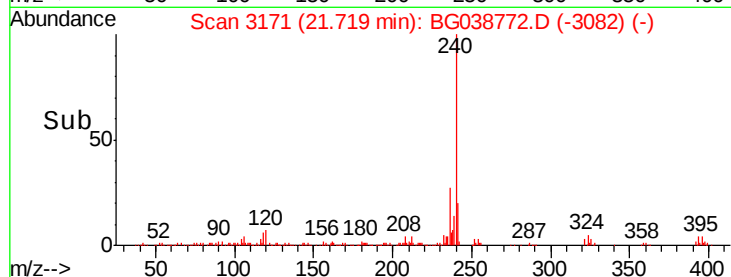
236 26.8 21.4 32.2



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



#79

Terphenyl-d14

Concen: 81.316 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038772.D

Acq: 20 Dec 2018 21:31

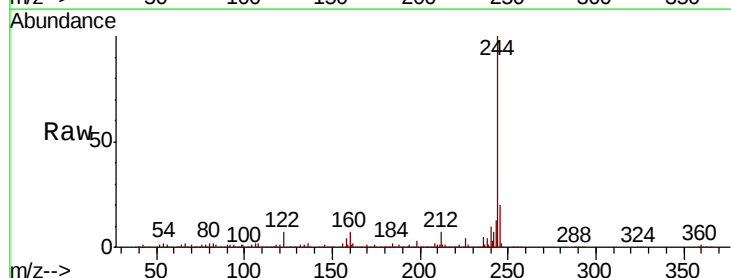
Tgt Ion:244 Resp: 651859

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

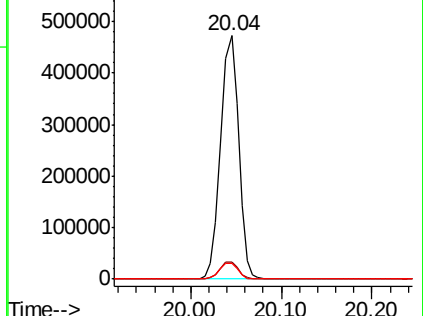
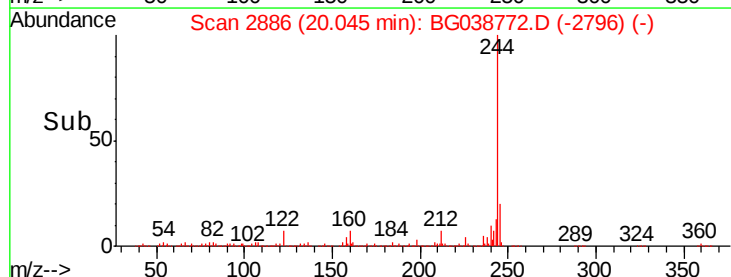
122 6.6 6.3 9.5

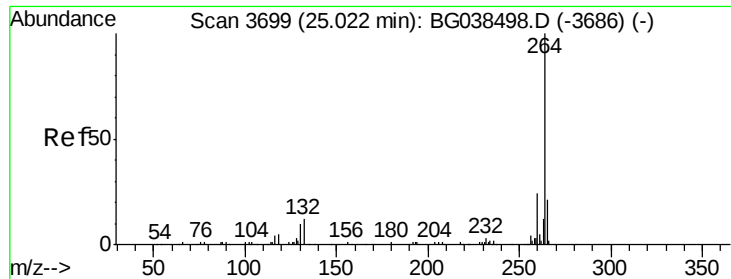


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038772.D
Acq: 20 Dec 2018 21:31

Instrument :
BNA_G
ClientSampleId :
P001-SS009-0612-01

Tgt Ion: 264 Resp: 184282

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.9	28.3
265	21.9	17.0	25.4

