

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038658.D
 Acq On : 17 Dec 2018 11:45
 Operator : JU/SJ
 Sample : J6388-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS011-1218-01

Quant Time: Dec 18 02:56:02 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

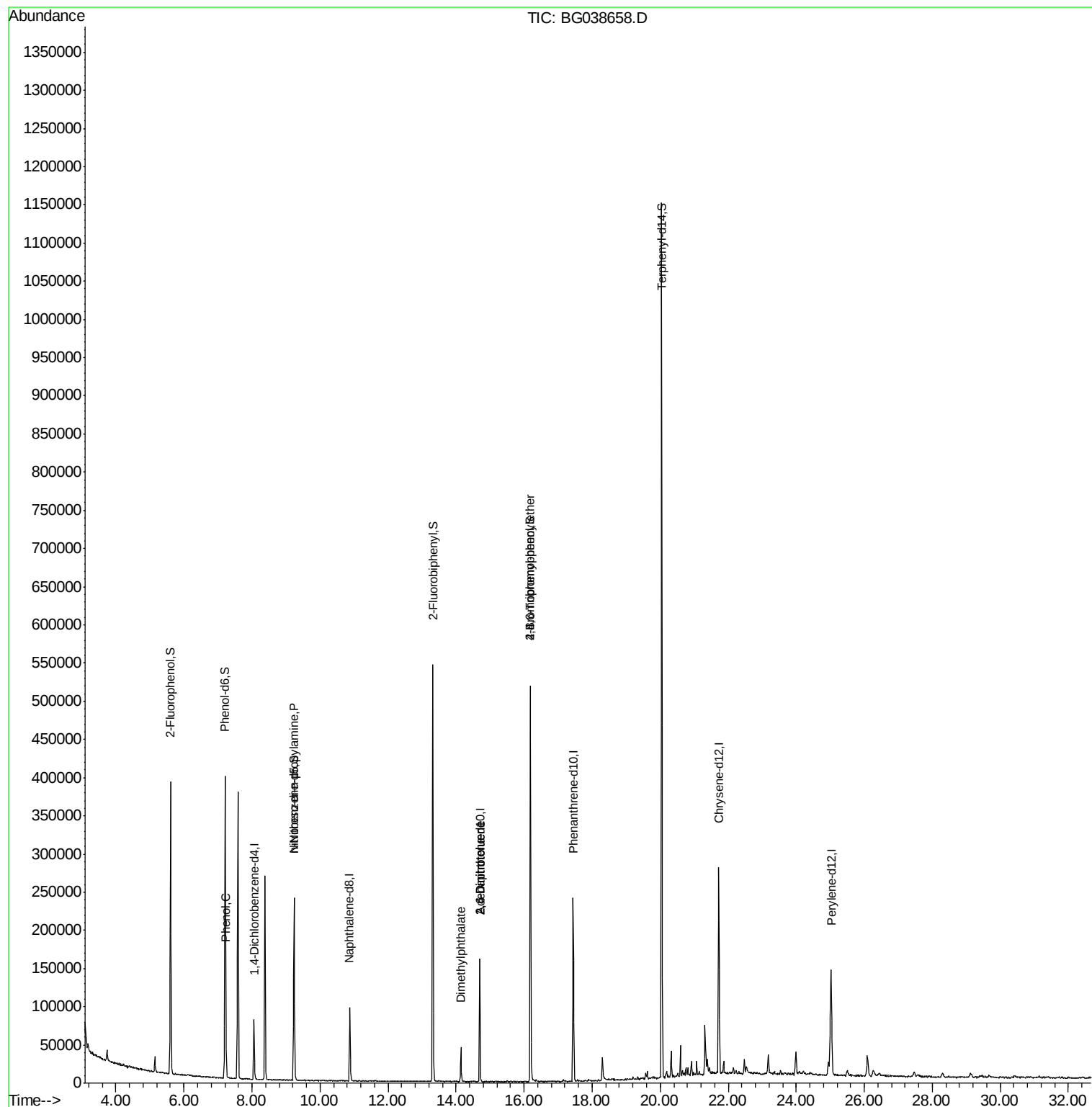
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20953	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87226	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58218	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	158091	20.00	ng	0.00
76) Chrysene-d12	21.72	240	164304	20.00	ng	0.00
87) Perylene-d12	25.02	264	177071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	159916	135.37	ng	0.00
7) Phenol-d6	7.21	99	214646	132.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	141729	83.01	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	99441	123.94	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	294760	69.46	ng	0.00
79) Terphenyl-d14	20.04	244	548205	72.61	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12379	7.185	ng	86
19) n-Nitroso-di-n-propylamine	9.23	70	18893	16.587	ng	# 74
50) Dimethylphthalate	14.14	163	32667	6.871	ng	# 95
51) 2,6-Dinitrotoluene	14.69	165	7989	7.415	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7989	5.265	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	6661	3.450	ng	# 1

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

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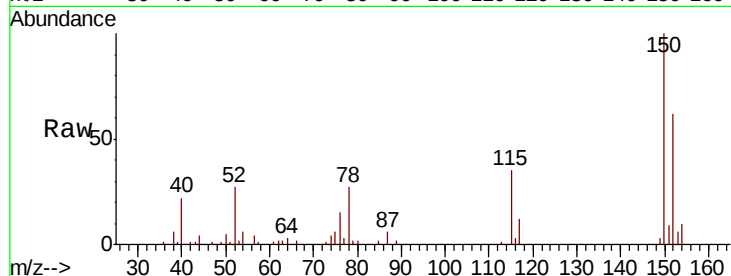


#1

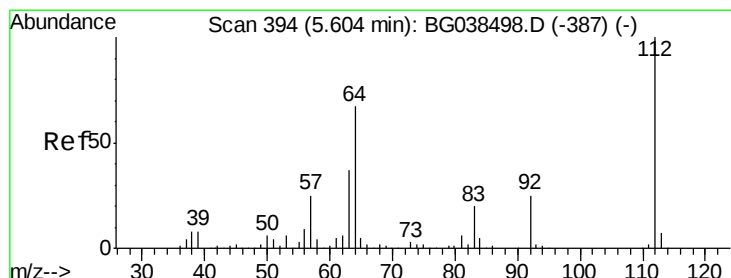
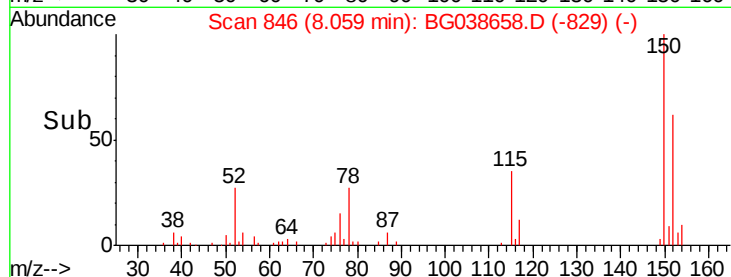
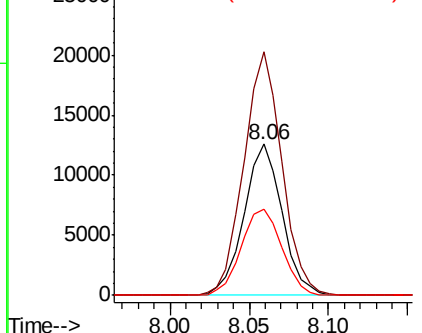
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Instrument :
BNA_G
ClientSampleId :
P001-SS011-1218-01

Tgt Ion:152 Resp: 20953
Ion Ratio Lower Upper
152 100
150 161.4 119.5 179.3
115 57.0 49.6 74.4



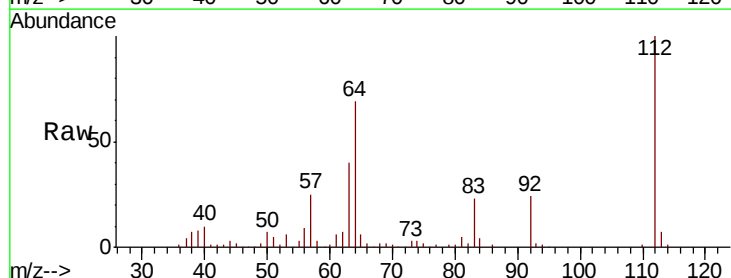
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



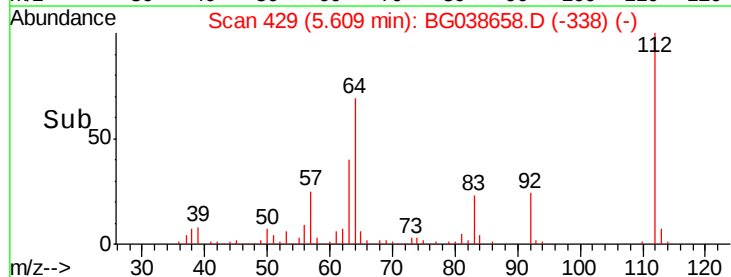
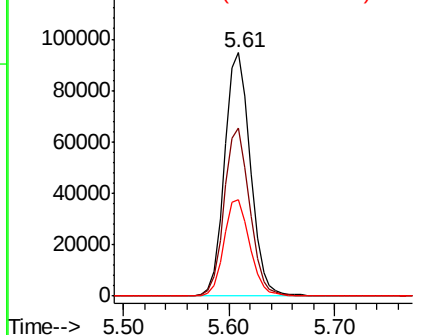
#5

2-Fluorophenol
Concen: 135.367 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Tgt Ion:112 Resp: 159916
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 39.5 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: 132.354 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038658.D

Acq: 17 Dec 2018 11:45

Instrument :

BNA_G

ClientSampleId :

P001-SS011-1218-01

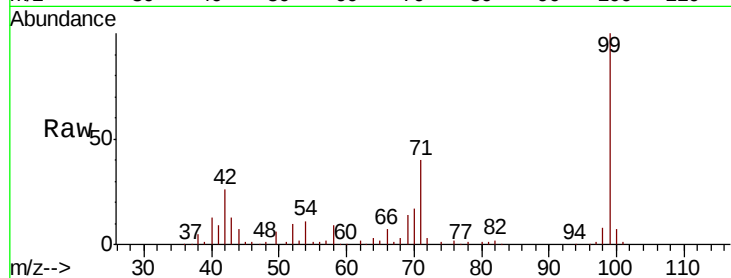
Tgt Ion: 99 Resp: 214646

Ion Ratio Lower Upper

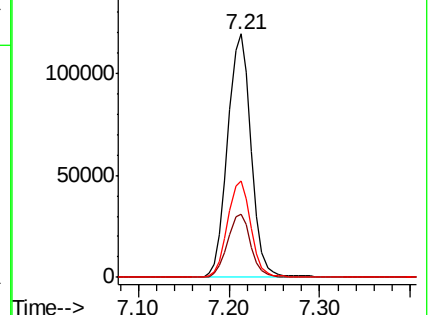
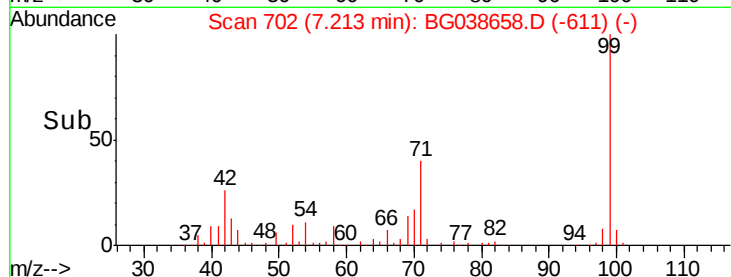
99 100

42 26.1 18.5 27.7

71 39.6 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: 7.185 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038658.D

Acq: 17 Dec 2018 11:45

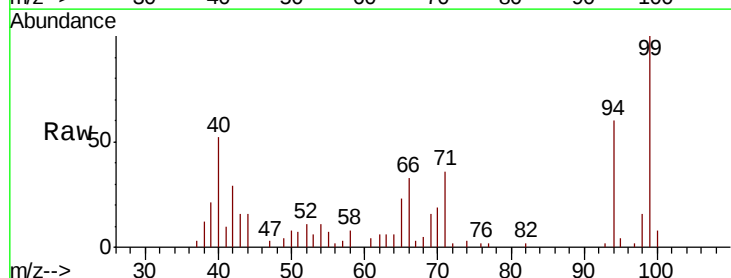
Tgt Ion: 94 Resp: 12379

Ion Ratio Lower Upper

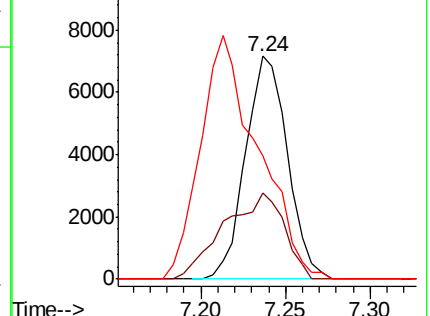
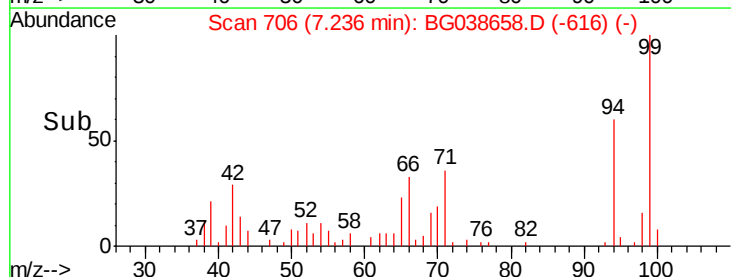
94 100

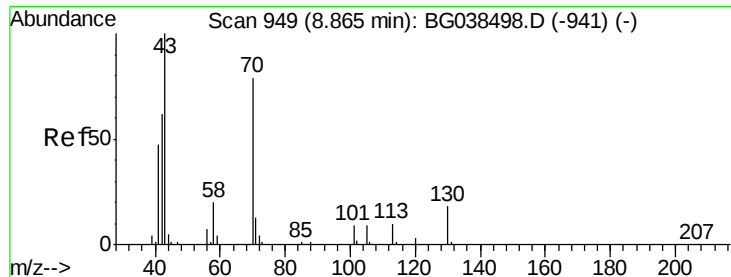
65 38.4 12.6 52.6

66 55.4 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

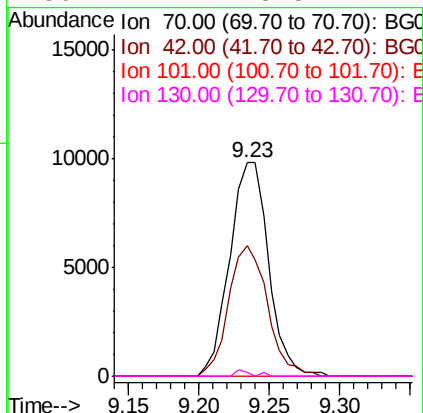
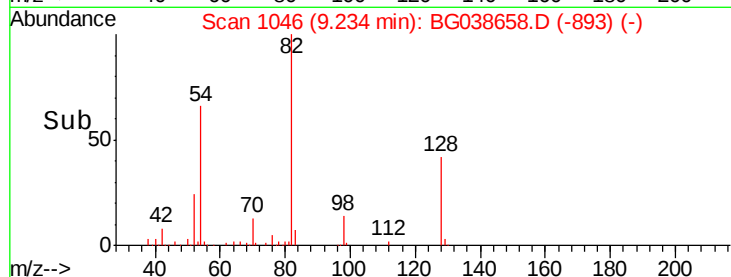
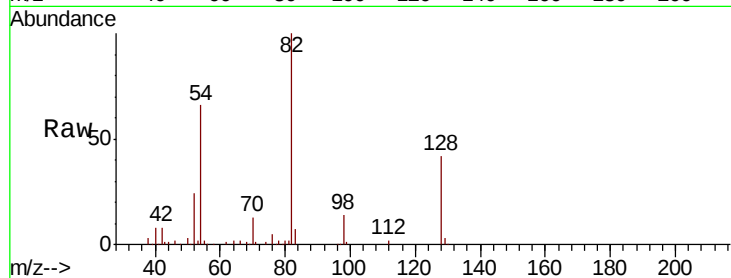




#19
n-Nitroso-di-n-propylamine
Concen: 16.587 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

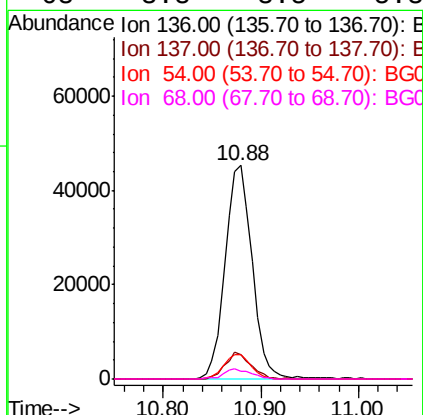
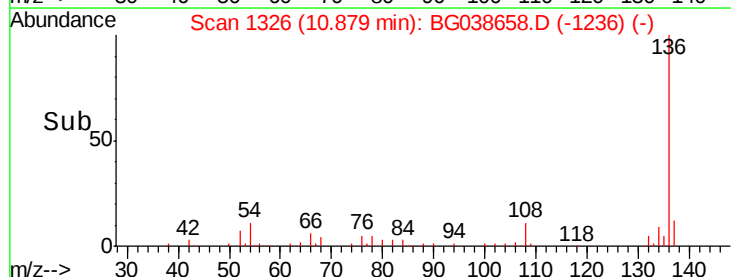
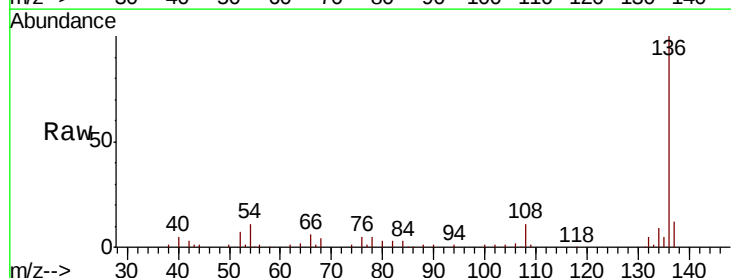
Instrument :
BNA_G
ClientSampleId :
P001-SS011-1218-01

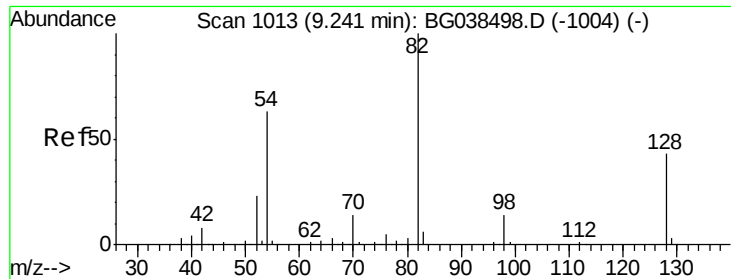
Tgt Ion: 70 Resp: 18893
Ion Ratio Lower Upper
70 100
42 61.3 63.6 95.4#
101 0.0 9.2 13.8#
130 1.7 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Tgt Ion: 136 Resp: 87226
Ion Ratio Lower Upper
136 100
137 11.7 9.3 13.9
54 11.1 8.5 12.7
68 3.8 3.5 5.3

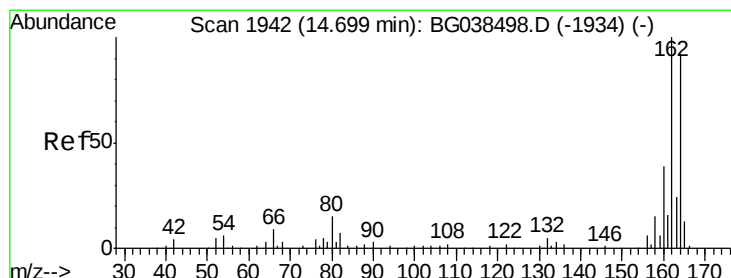
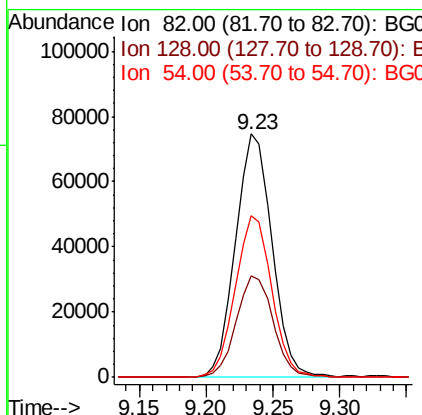
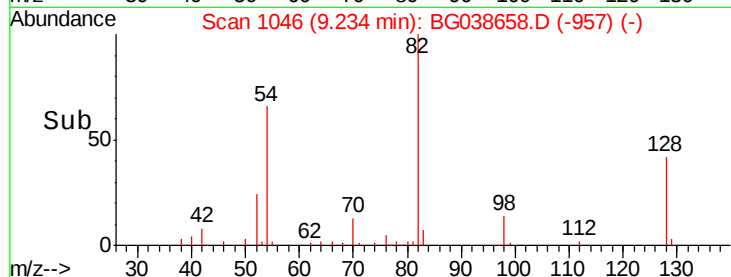
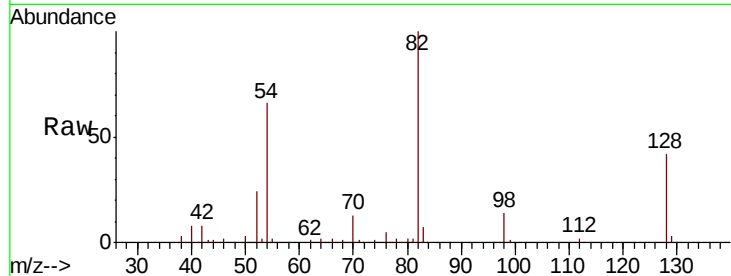




#23
Nitrobenzene-d5
Concen: 83.009 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

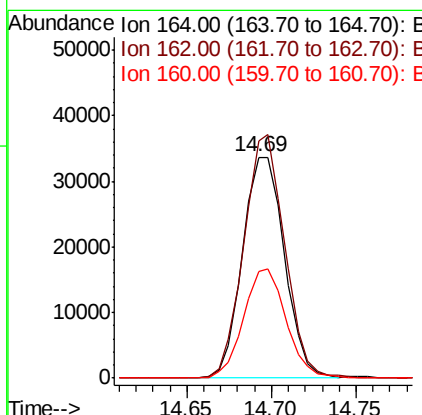
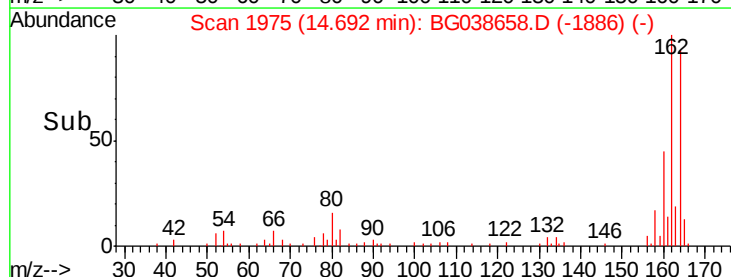
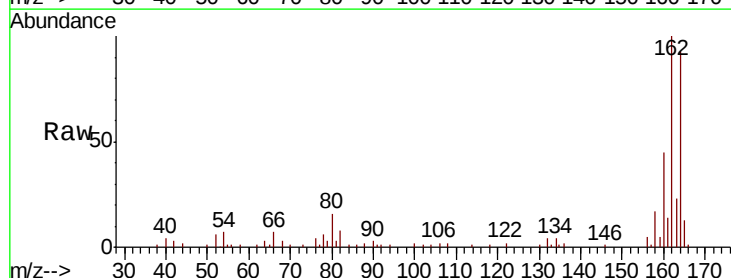
Instrument :
BNA_G
ClientSampleId :
P001-SS011-1218-01

Tgt Ion: 82 Resp: 141729
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 66.3 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: BG038658.D
Acq: 17 Dec 2018 11:45

Tgt Ion: 164 Resp: 58218
Ion Ratio Lower Upper
164 100
162 107.7 86.6 130.0
160 48.1 34.2 51.2

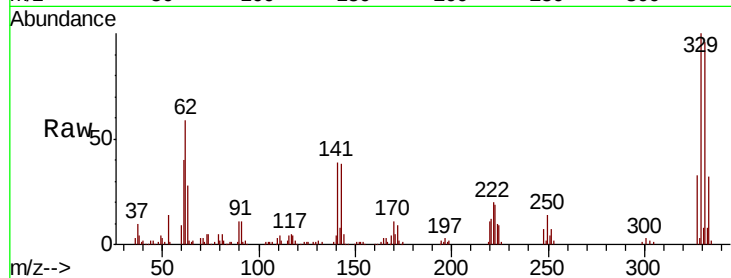




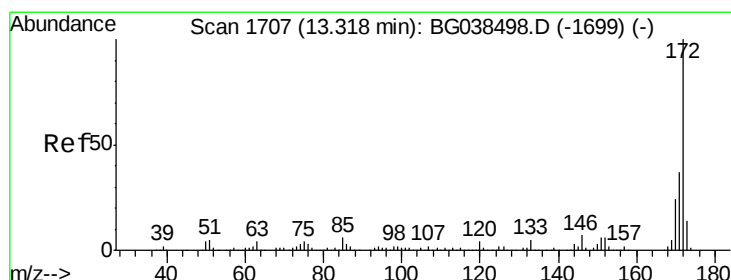
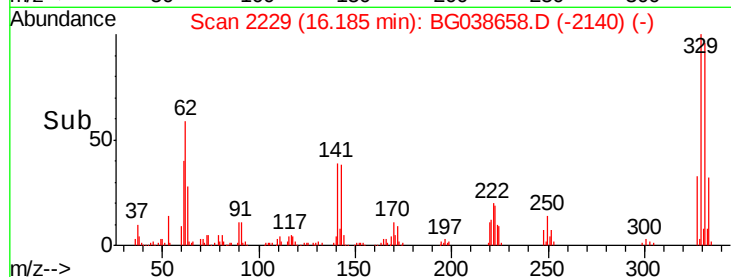
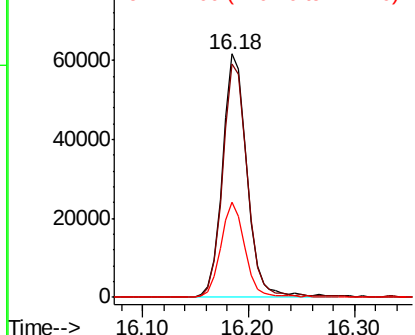
#42
 2,4,6-Tribromophenol
 Concen: 123.937 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038658.D
 Acq: 17 Dec 2018 11:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS011-1218-01

Tgt Ion:330 Resp: 99441
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.9 115.3
 141 38.7 28.8 43.2

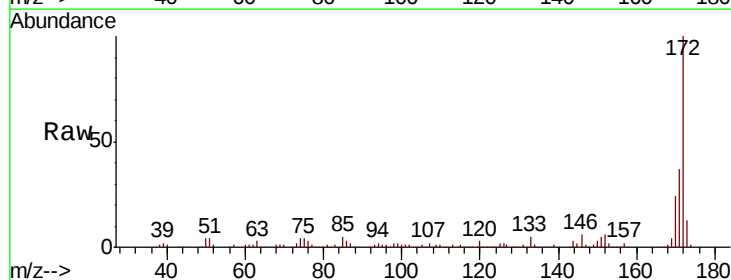


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

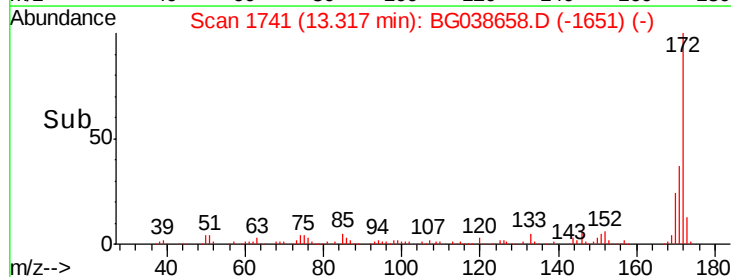
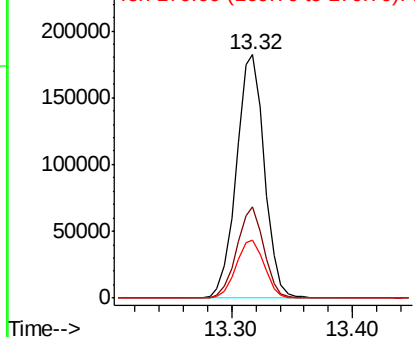


#45
 2-Fluorobiphenyl
 Concen: 69.457 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038658.D
 Acq: 17 Dec 2018 11:45

Tgt Ion:172 Resp: 294760
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.8 44.6
 170 23.7 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

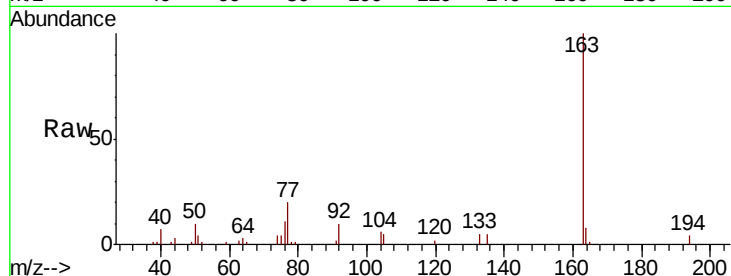




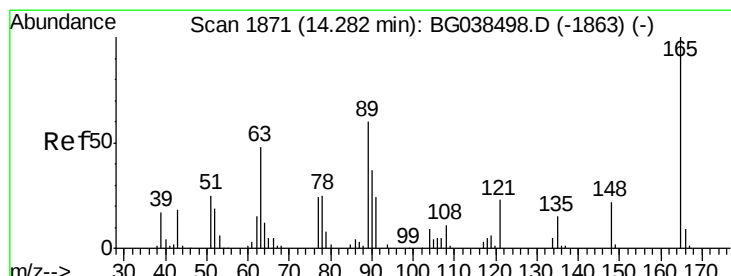
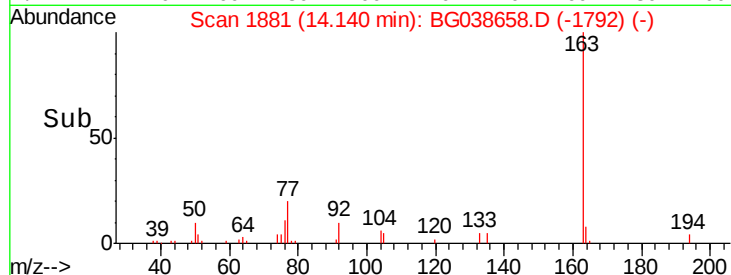
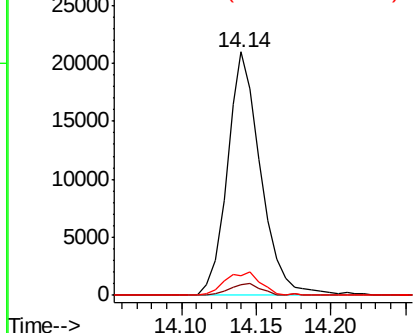
#50
Dimethylphthalate
Concen: 6.871 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Instrument :
BNA_G
ClientSampleId :
P001-SS011-1218-01

Tgt Ion:163 Resp: 32667
Ion Ratio Lower Upper
163 100
194 4.4 3.7 5.5
164 8.2 8.6 12.8#

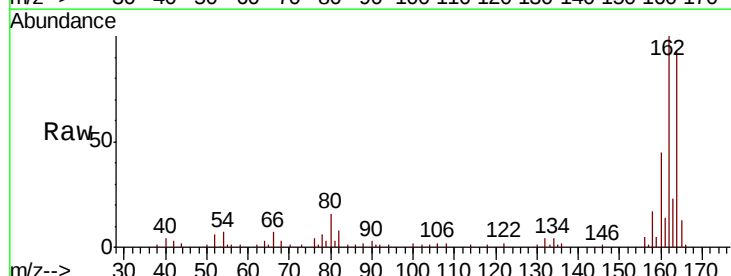


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

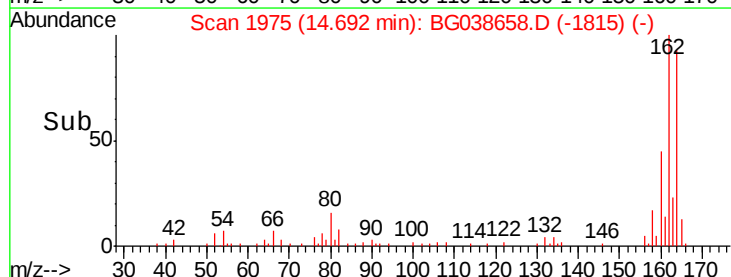
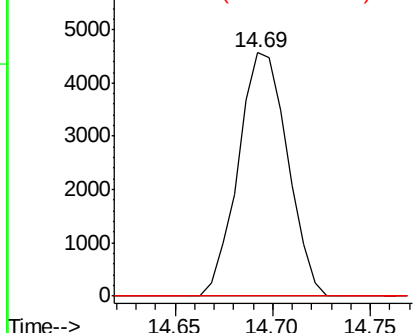


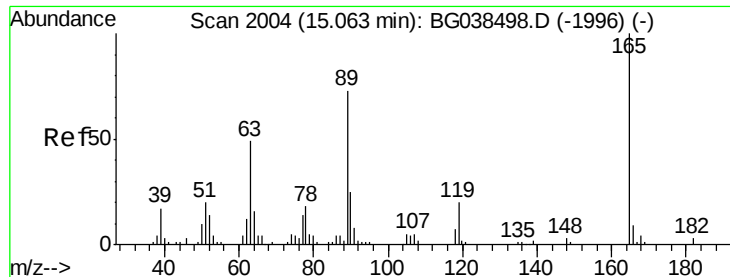
#51
2,6-Dinitrotoluene
Concen: 7.415 ng
RT: 14.69 min Scan# 1975
Delta R.T. 0.41 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Tgt Ion:165 Resp: 7989
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

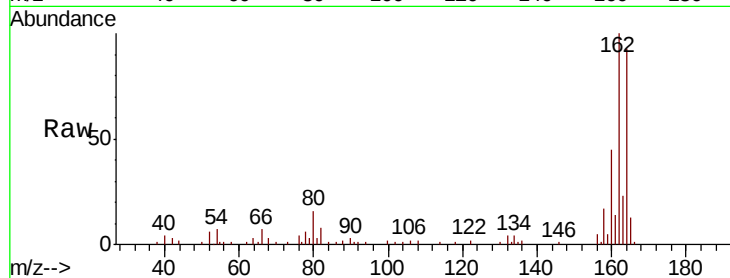




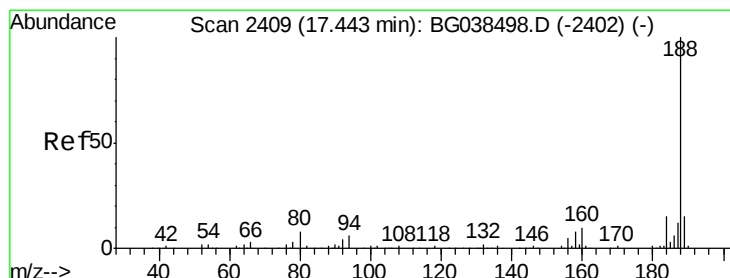
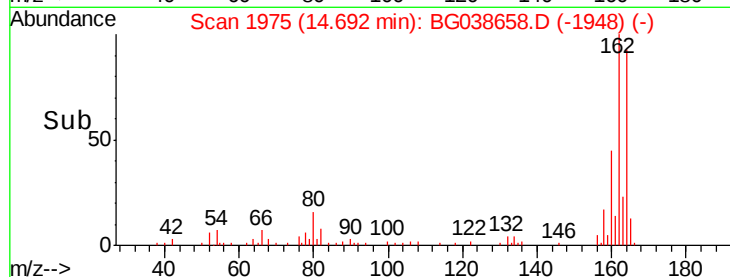
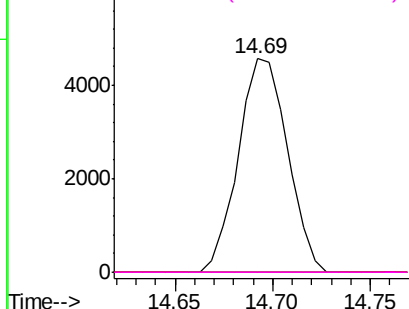
#57
2,4-Dinitrotoluene
Concen: 5.265 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Instrument :
BNA_G
ClientSampleId :
P001-SS011-1218-01

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#

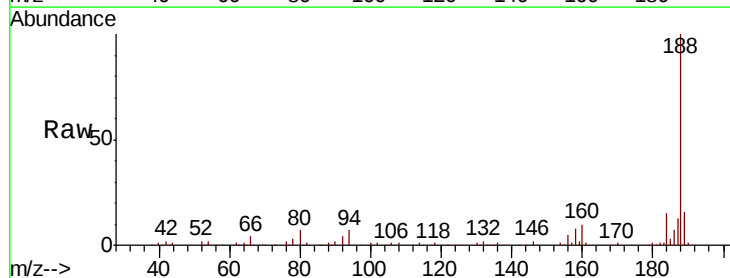


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

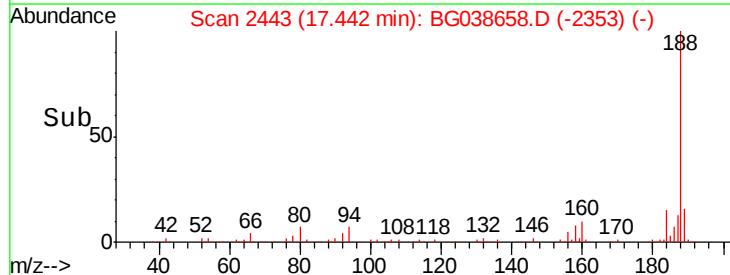
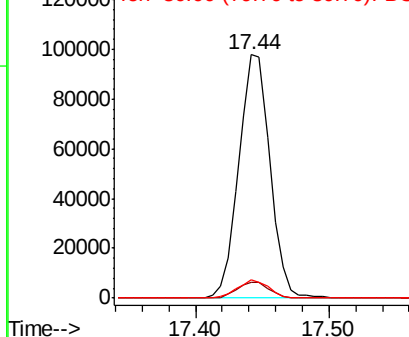


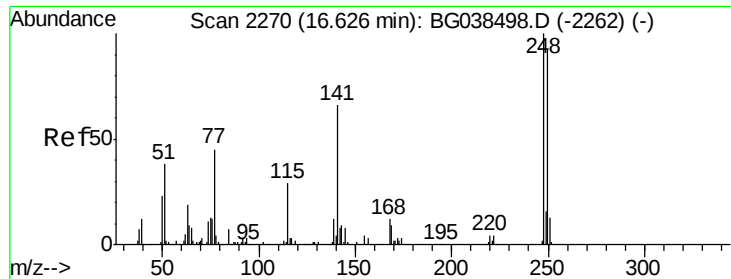
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038658.D
Acq: 17 Dec 2018 11:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.5	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): BGC
Ion 80.00 (79.70 to 80.70): BGC

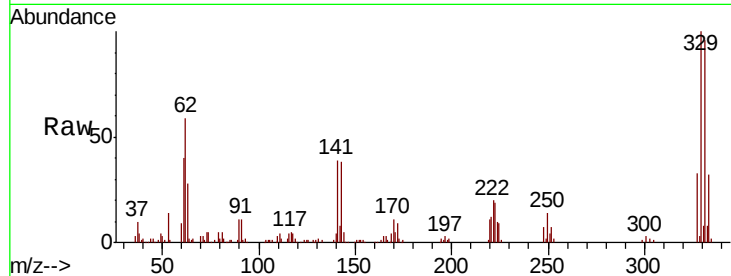




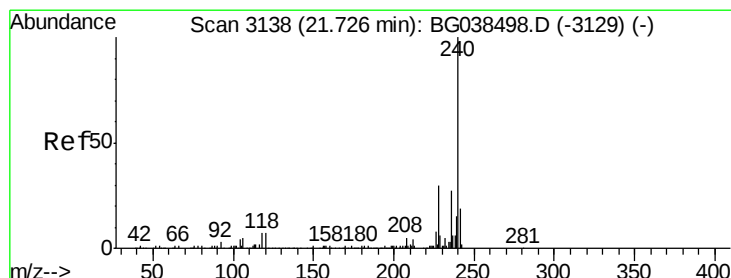
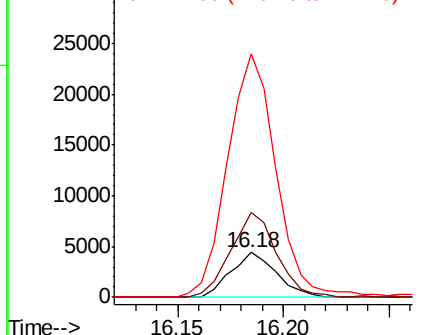
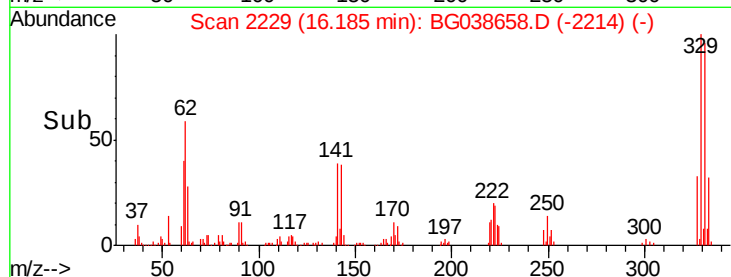
#67
 4-Bromophenyl-phenylether
 Concen: 3.450 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038658.D
 Acq: 17 Dec 2018 11:45

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS011-1218-01

Tgt Ion:248 Resp: 6661
 Ion Ratio Lower Upper
 248 100
 250 197.1 73.4 110.2#
 141 436.8 52.9 79.3#

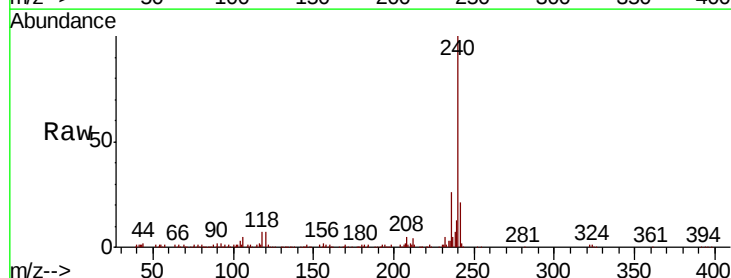


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

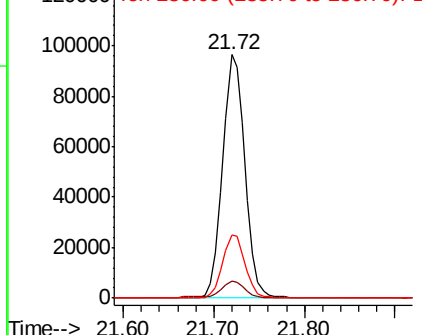
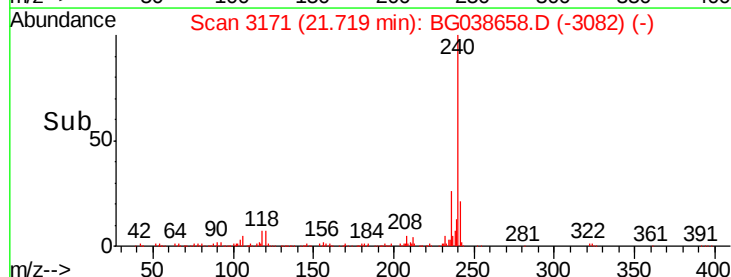


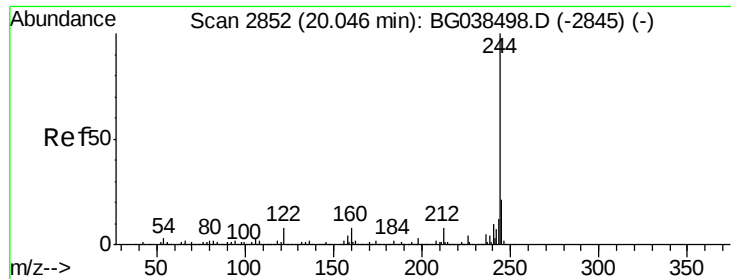
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038658.D
 Acq: 17 Dec 2018 11:45

Tgt Ion:240 Resp: 164304
 Ion Ratio Lower Upper
 240 100
 120 7.1 5.3 7.9
 236 25.7 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: 72.614 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038658.D

Acq: 17 Dec 2018 11:45

Instrument :

BNA_G

ClientSampleId :

P001-SS011-1218-01

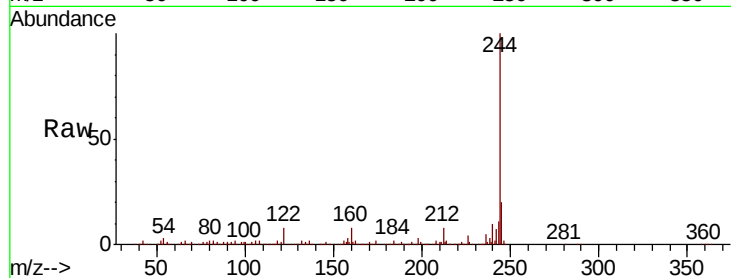
Tgt Ion:244 Resp: 548205

Ion Ratio Lower Upper

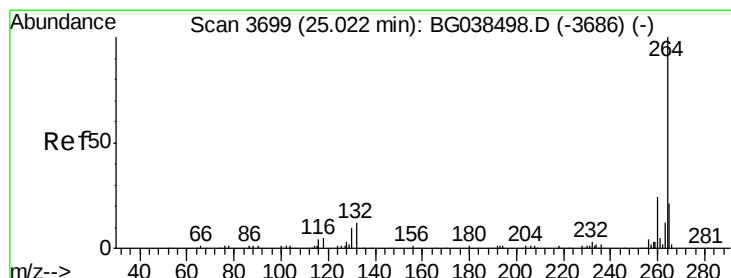
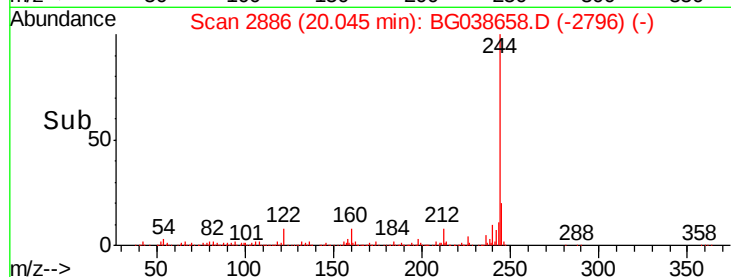
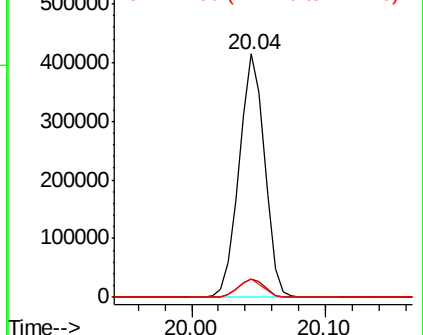
244 100

212 7.8 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: BG038658.D

Acq: 17 Dec 2018 11:45

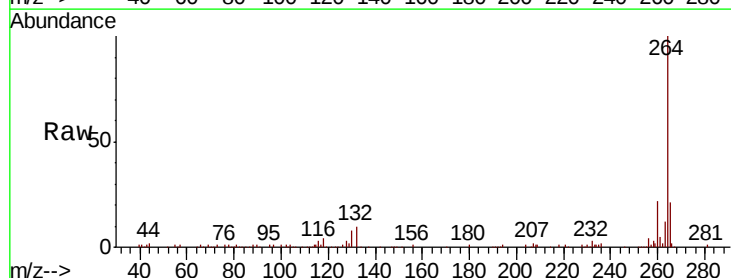
Tgt Ion:264 Resp: 177071

Ion Ratio Lower Upper

264 100

260 21.9 18.9 28.3

265 21.5 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

