

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121618\
 Data File : BG038641.D
 Acq On : 16 Dec 2018 15:25
 Operator : JU/SJ
 Sample : J6377-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 17 05:50:45 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

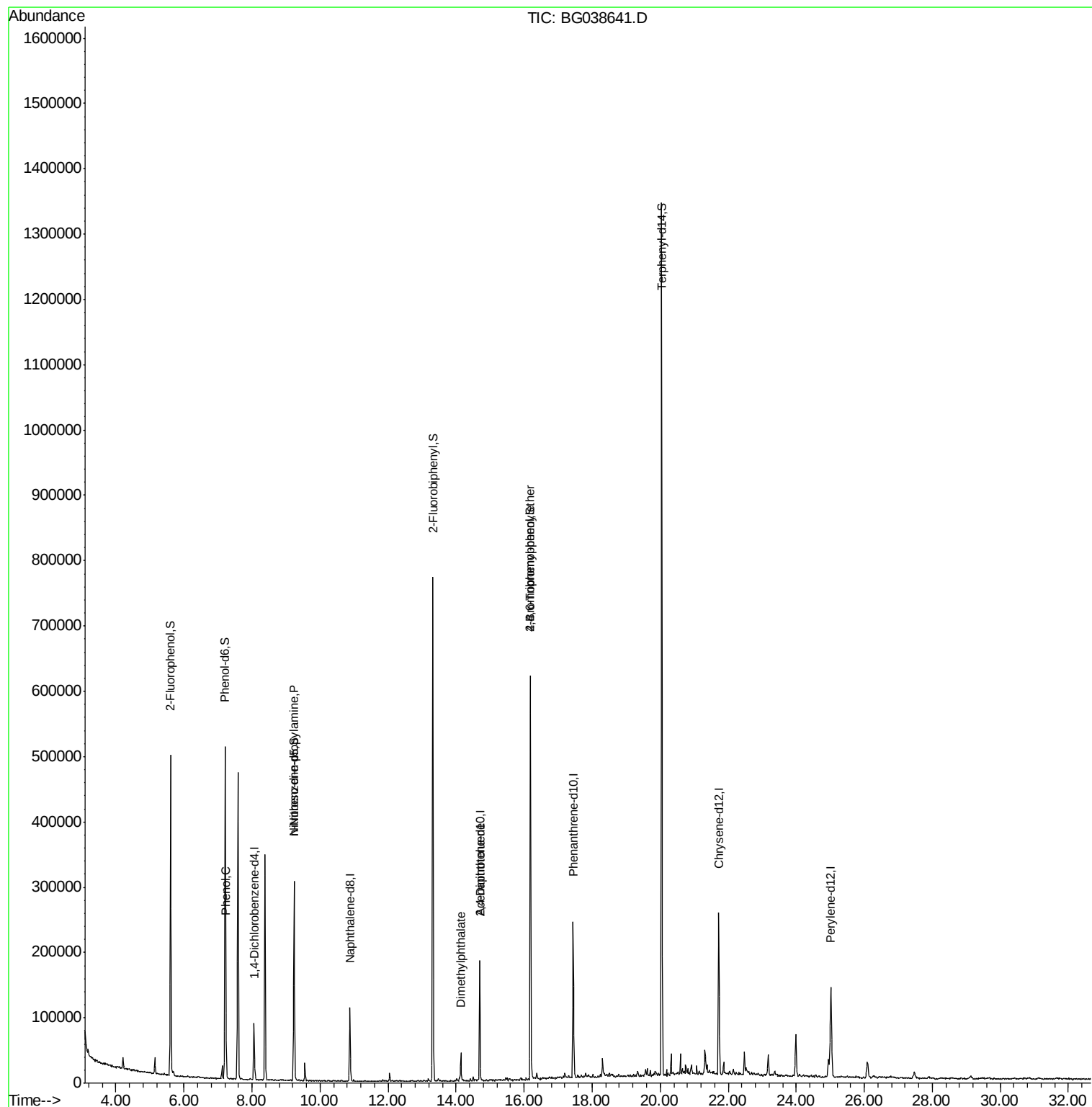
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24270	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	99511	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	65431	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	154241	20.00	ng	0.00
76) Chrysene-d12	21.72	240	155478	20.00	ng	0.00
87) Perylene-d12	25.02	264	166323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	199834	146.04	ng	0.00
7) Phenol-d6	7.21	99	274370	146.06	ng	0.00
23) Nitrobenzene-d5	9.24	82	180162	92.49	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	121705	134.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	419083	87.87	ng	0.00
79) Terphenyl-d14	20.04	244	647557	90.64	ng	0.00
Target Compounds						
10) Phenol	7.24	94	16922	8.479	ng	94
19) n-Nitroso-di-n-propylamine	9.24	70	24794	18.793	ng	# 72
50) Dimethylphthalate	14.14	163	28769	5.384	ng	99
57) 2,4-Dinitrotoluene	14.69	165	8563	5.021	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	7754	4.116	ng	# 1

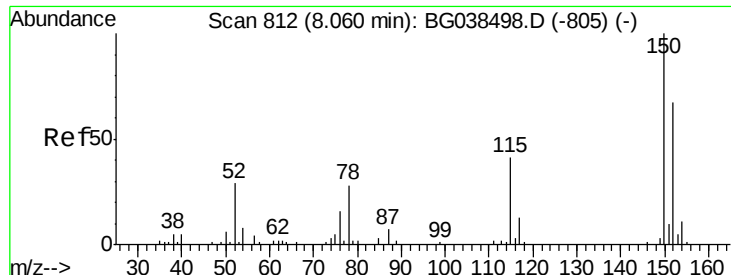
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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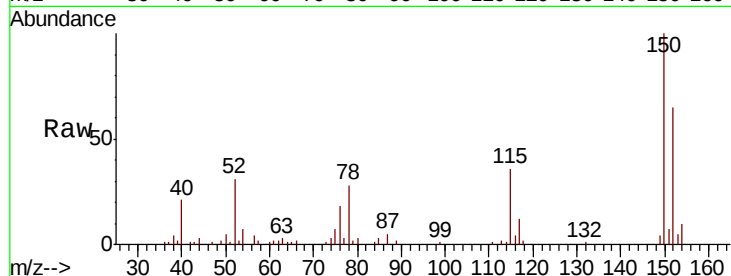




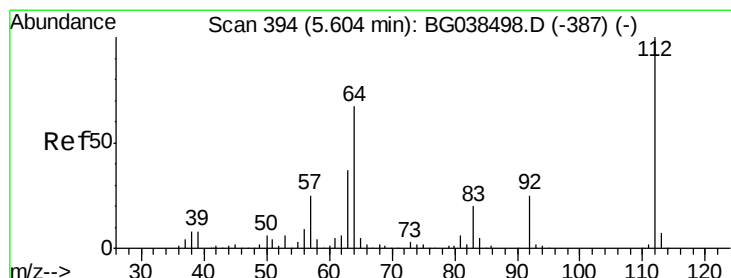
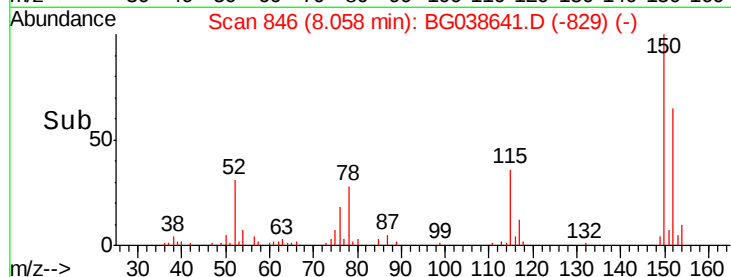
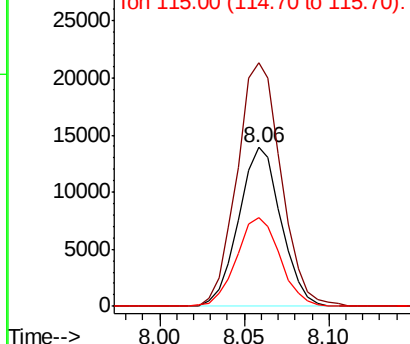
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038641.D
 Acq: 16 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 24270
 Ion Ratio Lower Upper
 152 100
 150 153.3 119.5 179.3
 115 55.8 49.6 74.4

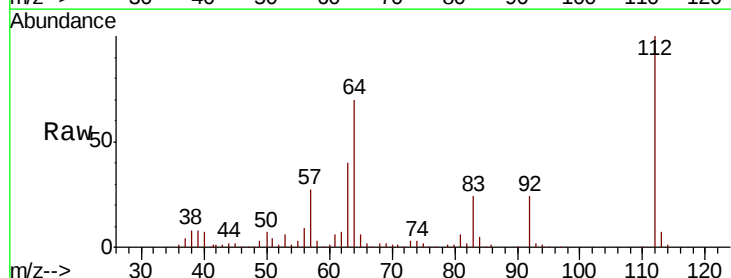


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

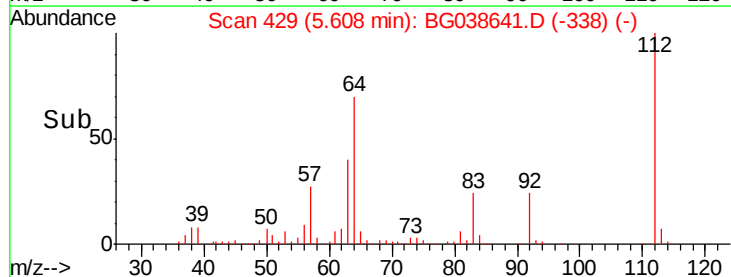
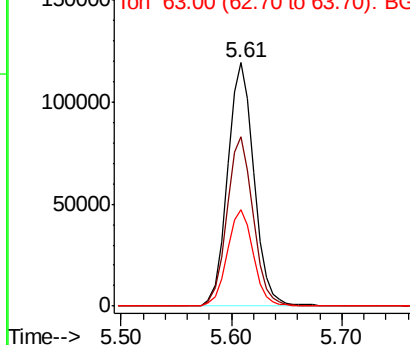


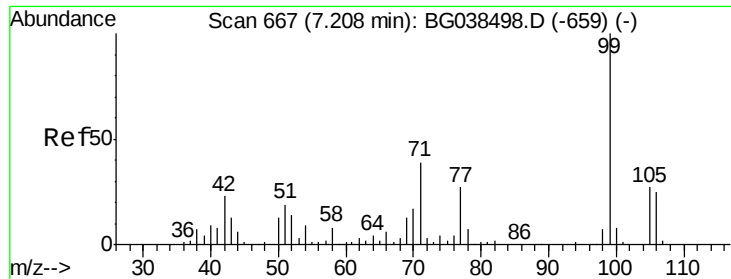
#5
 2-Fluorophenol
 Concen: 146.039 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038641.D
 Acq: 16 Dec 2018 15:25

Tgt Ion:112 Resp: 199834
 Ion Ratio Lower Upper
 112 100
 64 69.7 53.4 80.2
 63 39.7 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: 146.058 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

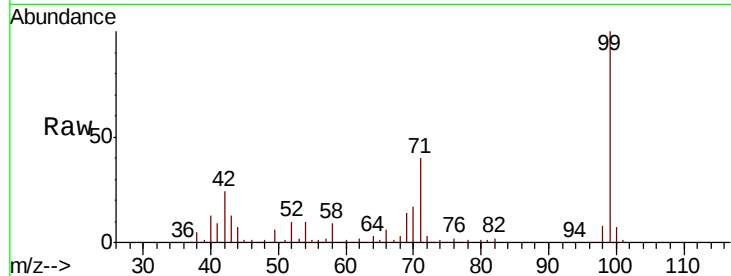
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 274370

Ion	Ratio	Lower	Upper
99	100		
42	24.5	18.5	27.7
71	39.9	31.1	46.7

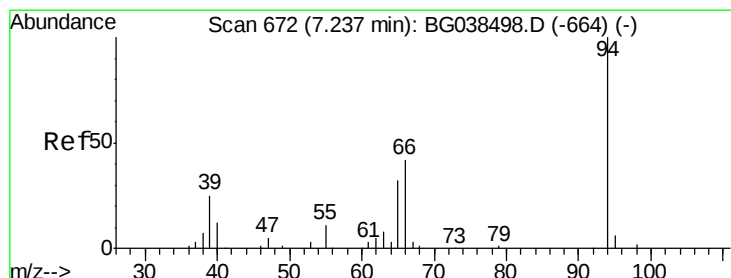
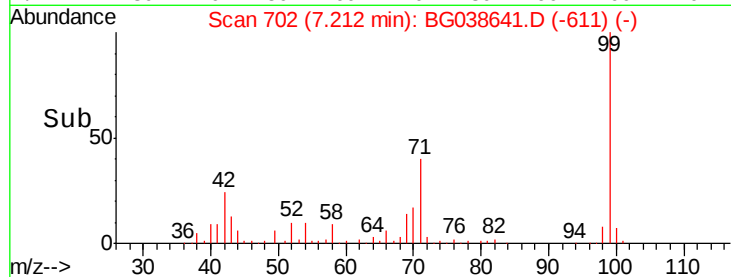


Abundance

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: 8.479 ng

RT: 7.24 min Scan# 706

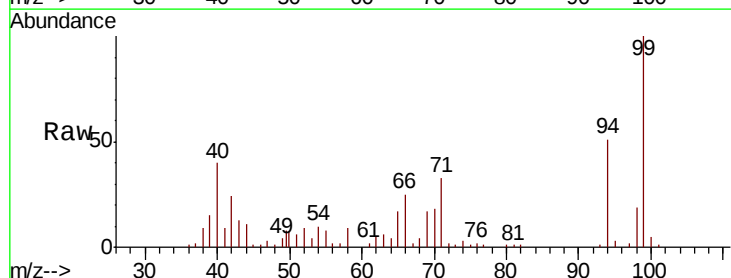
Delta R.T. -0.00 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

Tgt Ion: 94 Resp: 16922

Ion	Ratio	Lower	Upper
94	100		
65	33.9	12.6	52.6
66	50.1	24.1	64.1

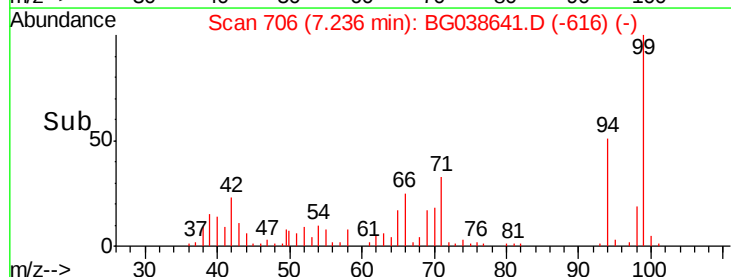


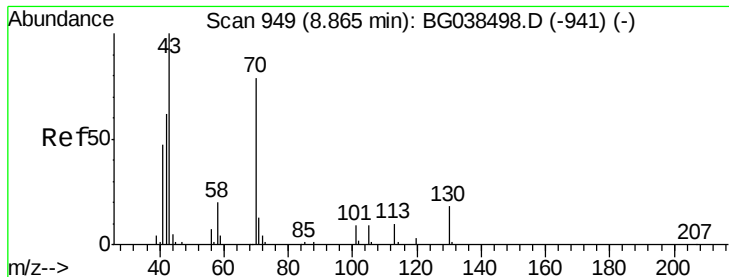
Abundance

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: 18.793 ng

RT: 9.24 min Scan# 1047

Delta R.T. 0.37 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 24794

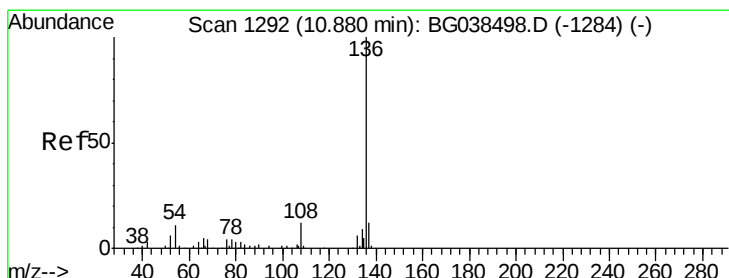
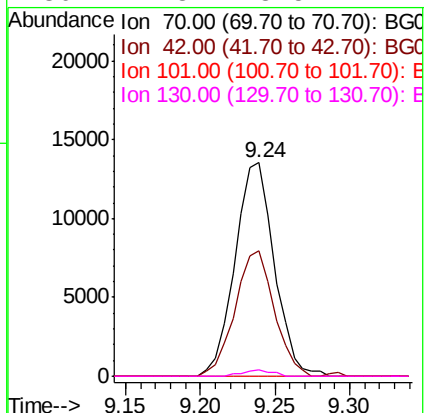
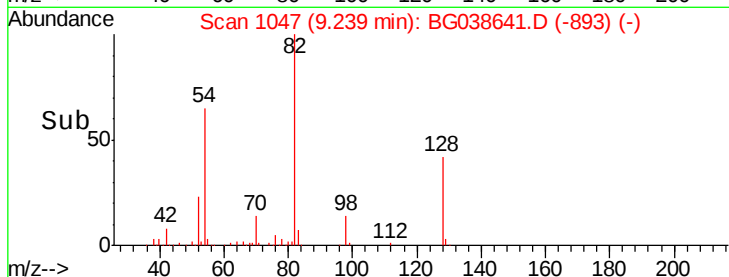
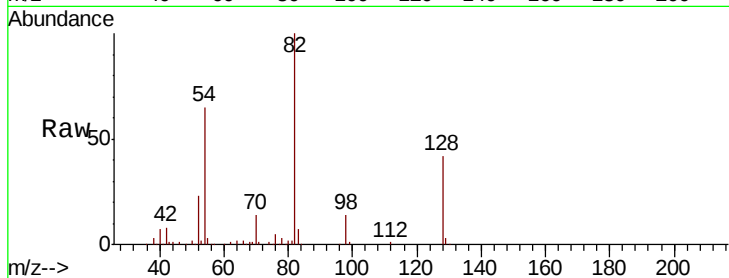
Ion Ratio Lower Upper

70 100

42 58.8 63.6 95.4#

101 0.0 9.2 13.8#

130 2.8 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: BG038641.D

Acq: 16 Dec 2018 15:25

Tgt Ion: 136 Resp: 99511

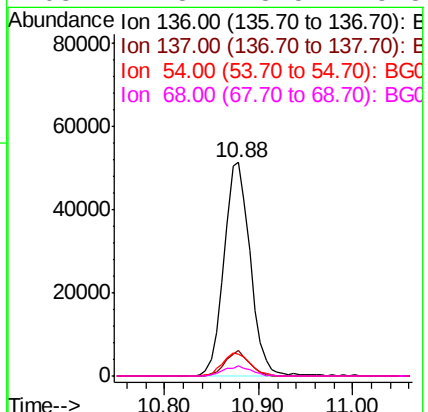
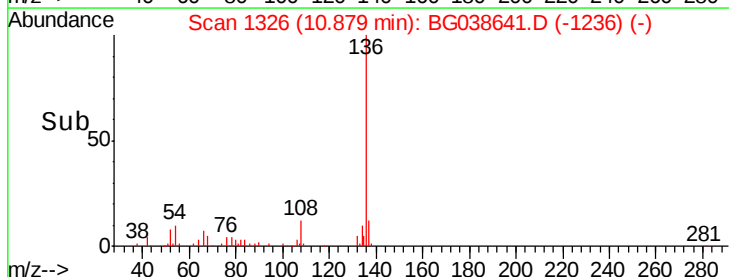
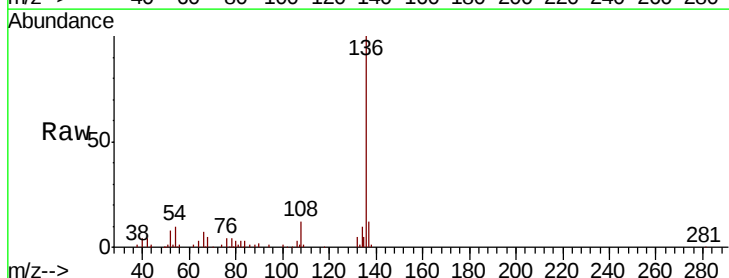
Ion Ratio Lower Upper

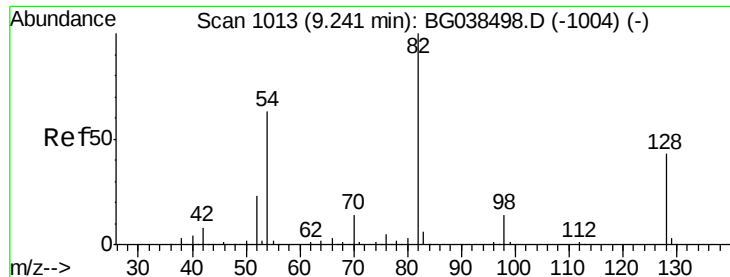
136 100

137 12.0 9.3 13.9

54 10.4 8.5 12.7

68 4.8 3.5 5.3

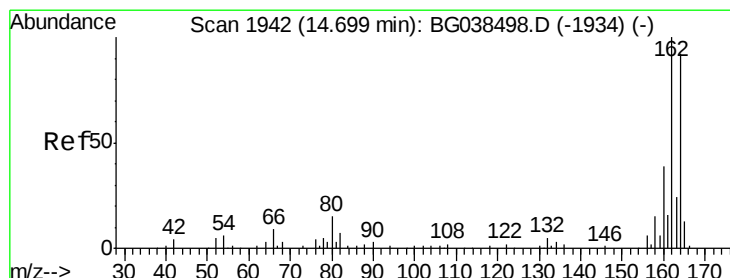
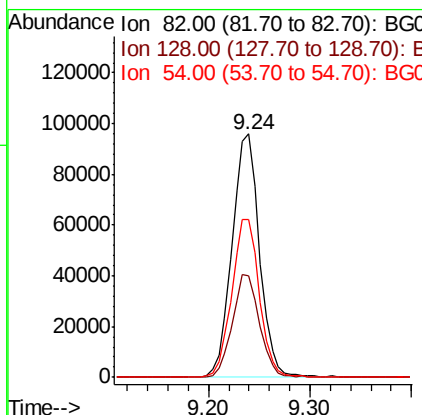
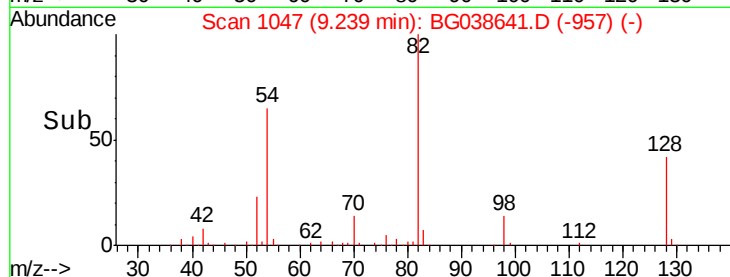
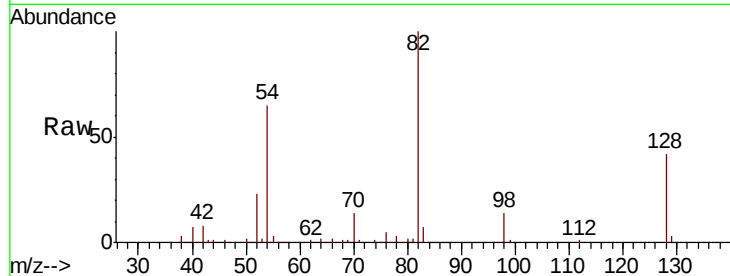




#23
Nitrobenzene-d5
Concen: 92.492 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

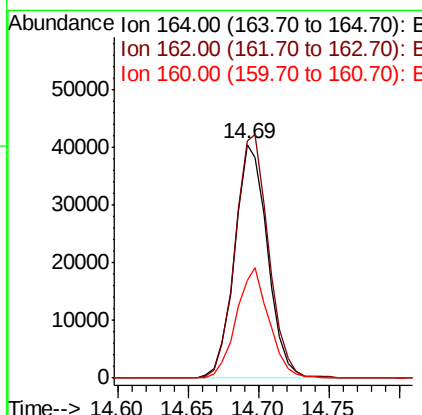
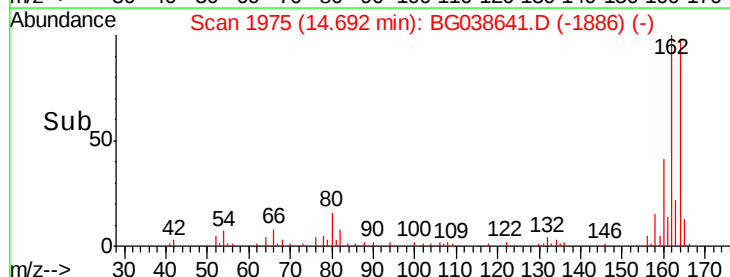
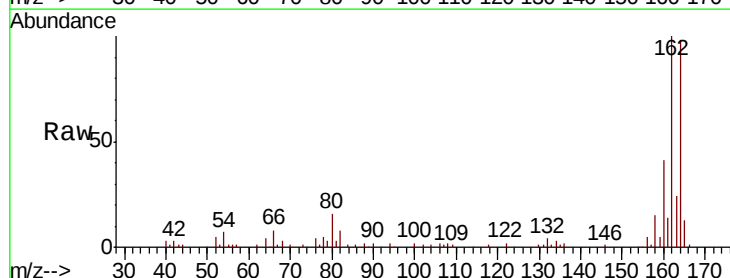
Instrument :
BNA_G
ClientSampleId :

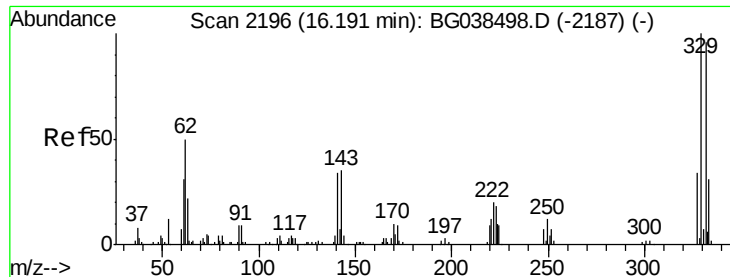
Tot Ion: 82 Resp: 180162
Ion Ratio Lower Upper
82 100
128 41.7 34.6 52.0
54 64.6 50.6 76.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

Tgt Ion:164 Resp: 65431
Ion Ratio Lower Upper
164 100
162 101.7 86.6 130.0
160 41.9 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 134.964 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

Instrument :

BNA_G

ClientSampleId :

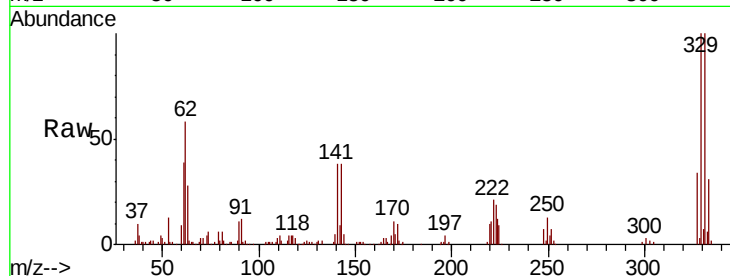
Tot Ion:330 Resp: 121705

Ion Ratio Lower Upper

330 100

332 96.9 76.9 115.3

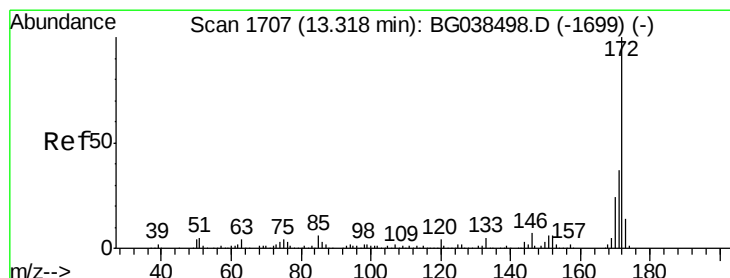
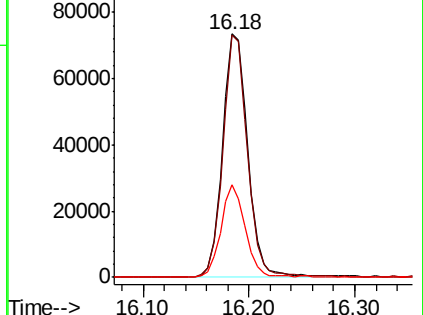
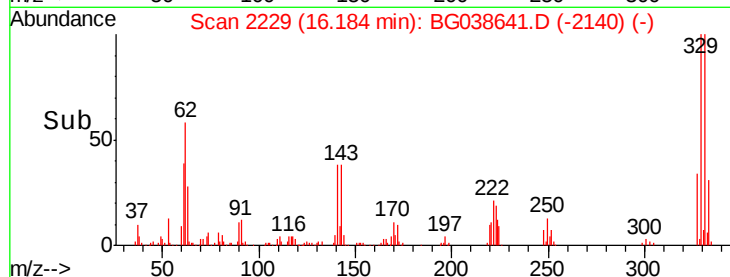
141 36.4 28.8 43.2



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: 87.866 ng

RT: 13.32 min Scan# 1741

Delta R.T. -0.00 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

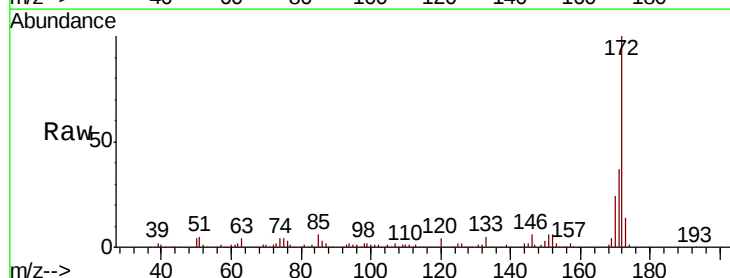
Tgt Ion:172 Resp: 419083

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

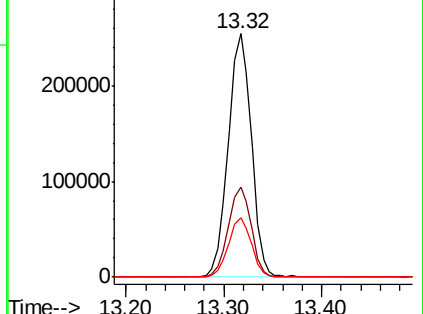
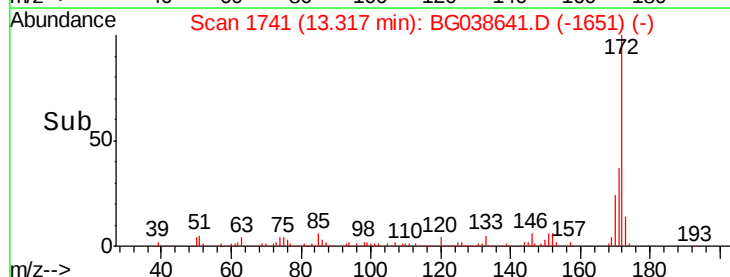
170 24.4 19.5 29.3

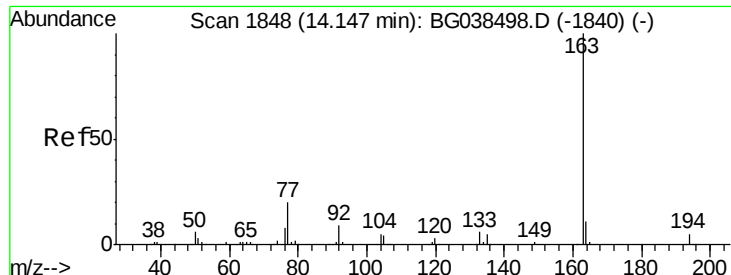


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

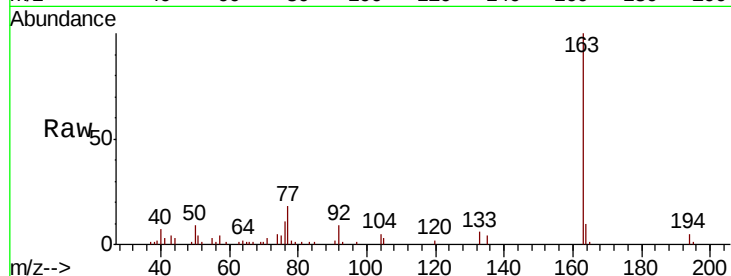




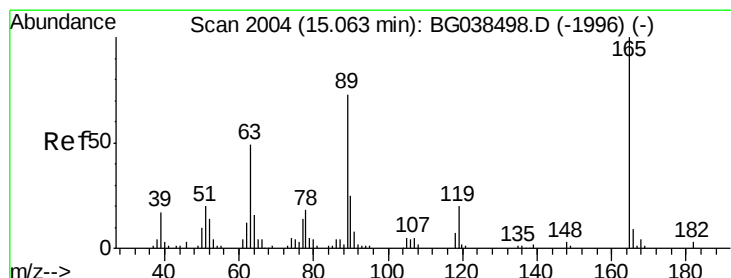
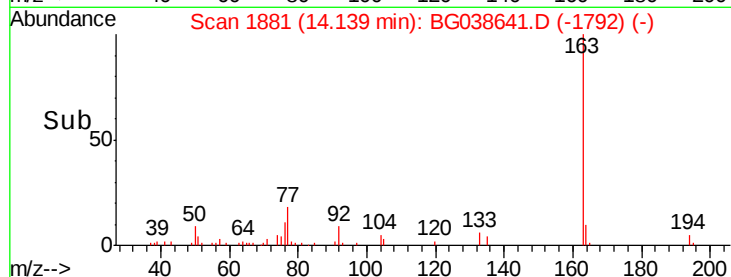
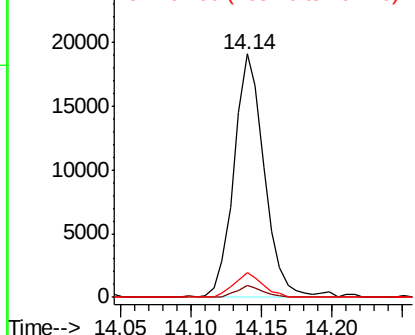
#50
Dimethylphthalate
Concen: 5.384 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.01 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 28769
Ion Ratio Lower Upper
163 100
194 4.9 3.7 5.5
164 10.4 8.6 12.8

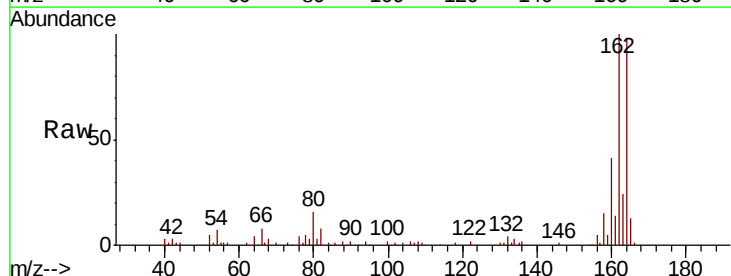


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

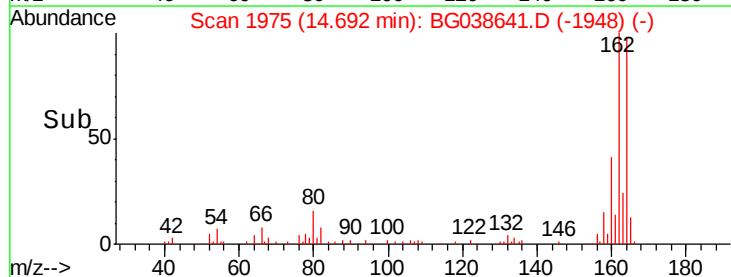
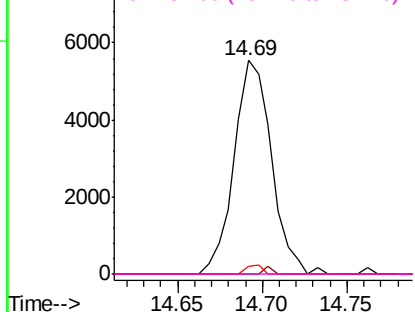


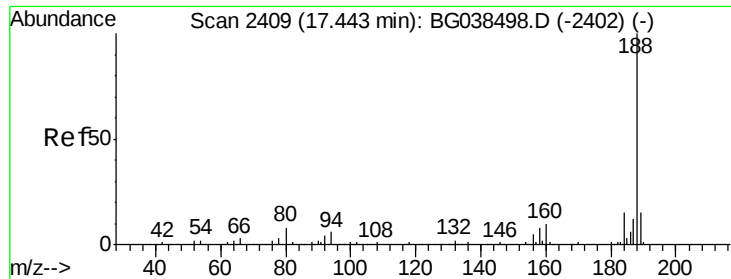
#57
2,4-Dinitrotoluene
Concen: 5.021 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

Tgt Ion:165 Resp: 8563
Ion Ratio Lower Upper
165 100
63 0.0 39.0 58.4#
89 3.5 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: BG038641.D

Acq: 16 Dec 2018 15:25

Instrument :

BNA_G

ClientSampled :

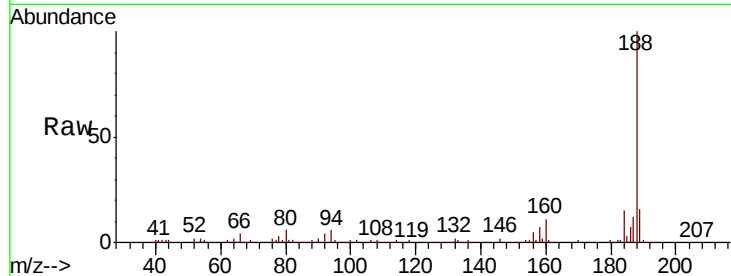
Tot Ion:188 Resp: 154241

Ion Ratio Lower Upper

188 100

94 6.1 5.1 7.7

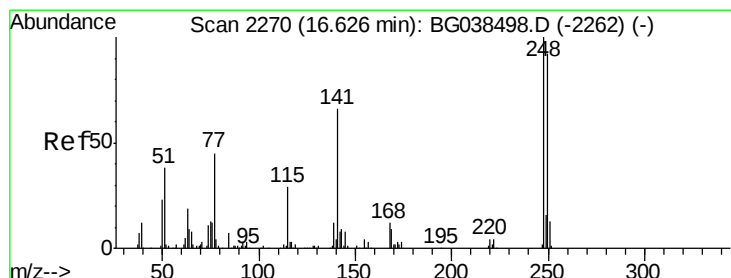
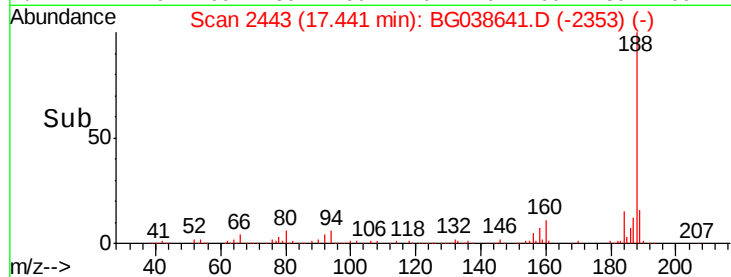
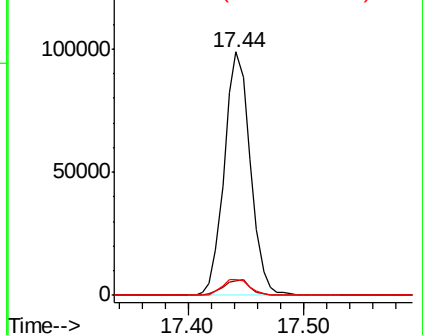
80 6.2 6.1 9.1



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: 4.116 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038641.D

Acq: 16 Dec 2018 15:25

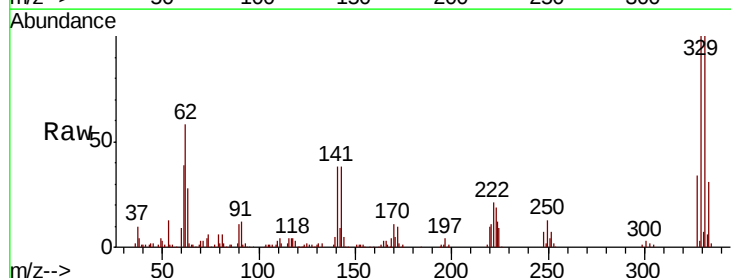
Tgt Ion:248 Resp: 7754

Ion Ratio Lower Upper

248 100

250 191.4 73.4 110.2#

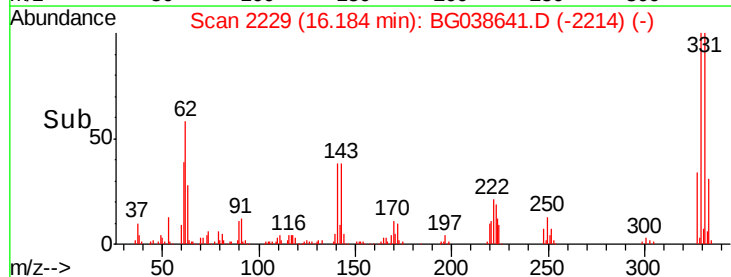
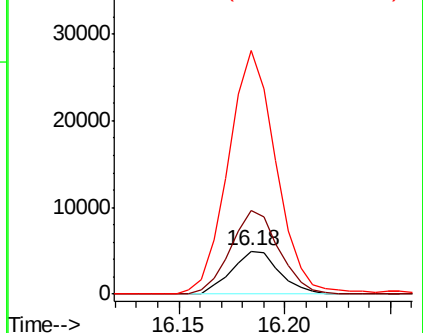
141 416.6 52.9 79.3#

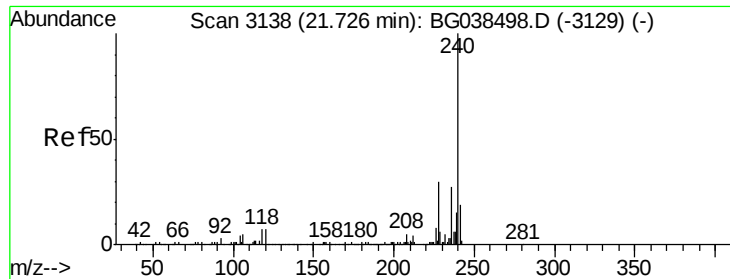


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

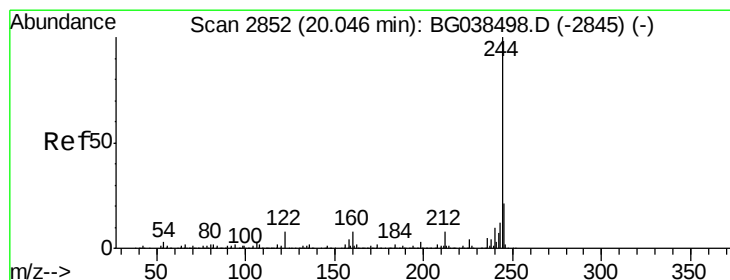
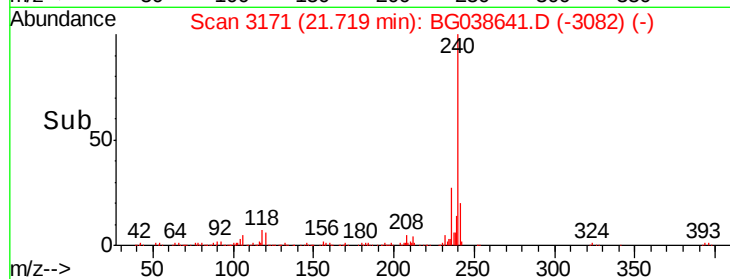
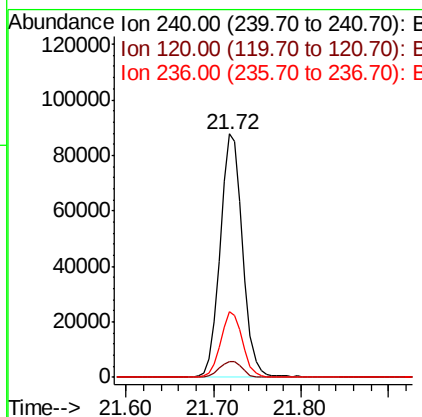
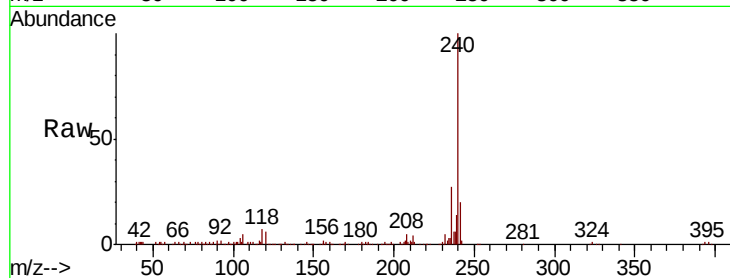




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

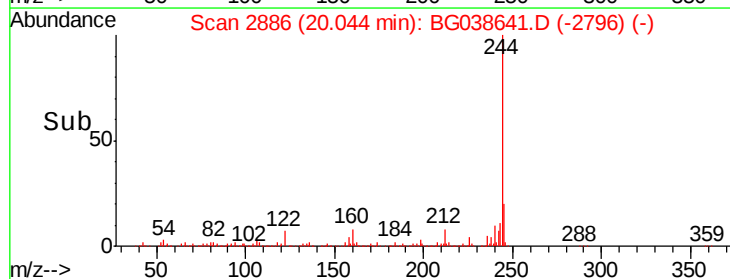
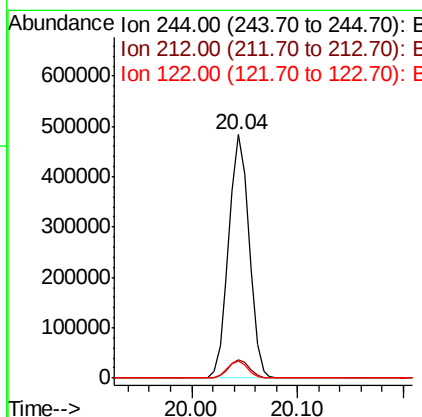
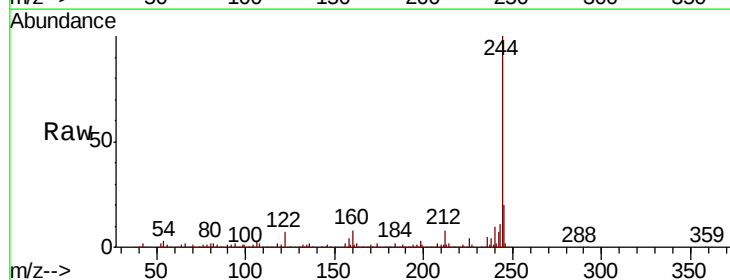
Instrument :
BNA_G
ClientSampleId :

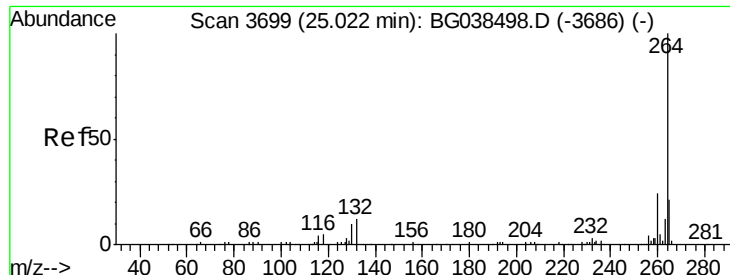
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.3	7.9
236	26.9	21.4	32.2



#79
Terphenyl-d14
Concen: 90.643 ng
RT: 20.04 min Scan# 2886
Delta R.T. -0.00 min
Lab File: BG038641.D
Acq: 16 Dec 2018 15:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	7.0	6.3	9.5

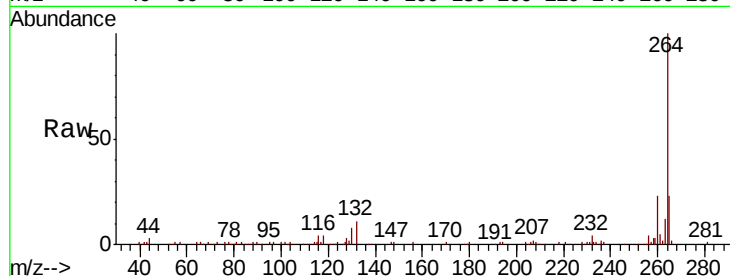




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3733
 Delta R.T. -0.00 min
 Lab File: BG038641.D
 Acq: 16 Dec 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	22.7	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

