

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121218\
 Data File : BG038525.D
 Acq On : 13 Dec 2018 10:11
 Operator : JU/SJ
 Sample : PB115474BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 13 16:37:03 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

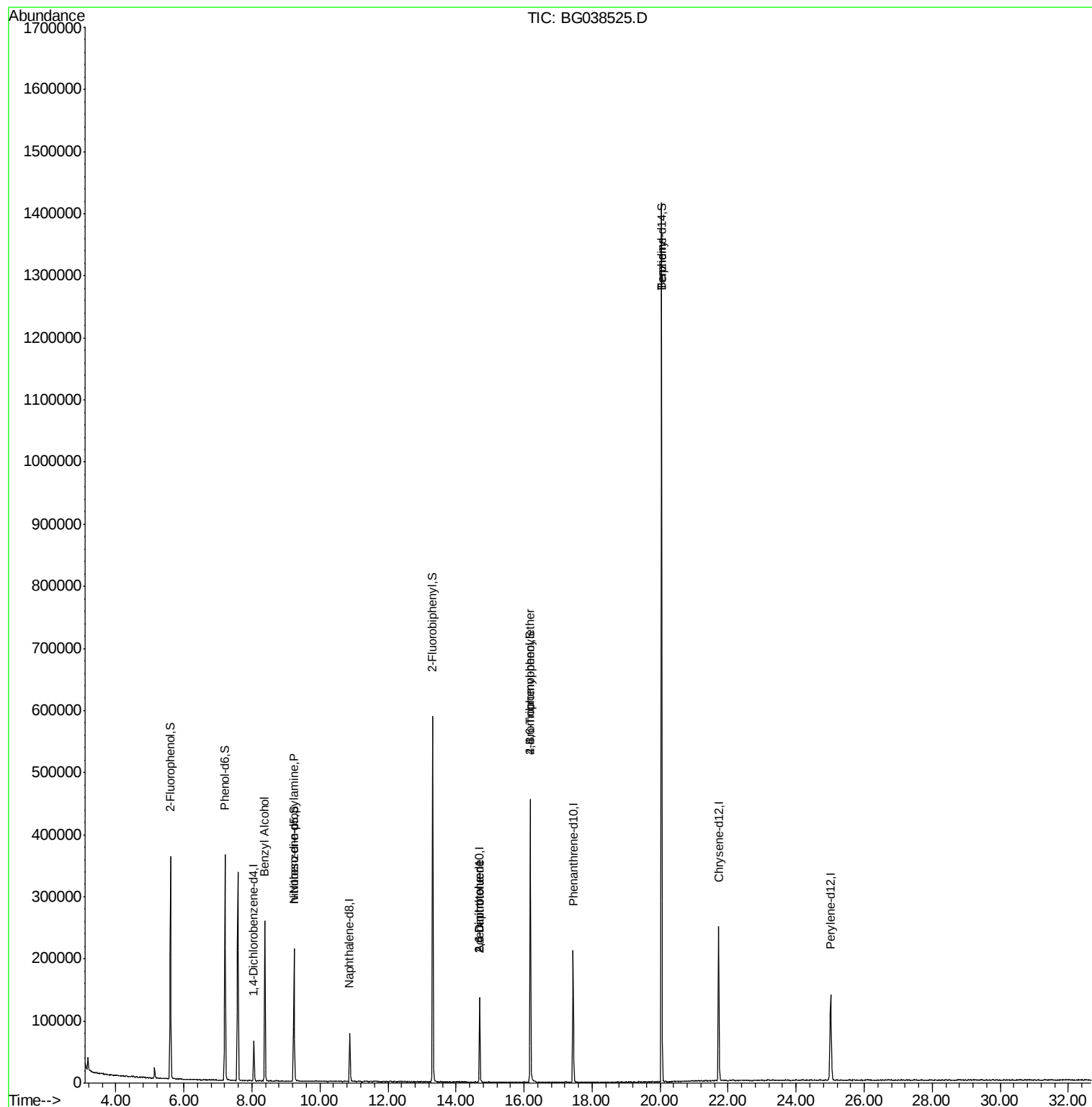
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18420	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	75714	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	50717	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	141143	20.00	ng	0.00
76) Chrysene-d12	21.72	240	159459	20.00	ng	0.00
87) Perylene-d12	25.01	264	167958	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	149185	143.65	ng	0.00
7) Phenol-d6	7.21	99	199867	140.19	ng	0.00
23) Nitrobenzene-d5	9.24	82	130748	88.22	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	95784	137.04	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	320830	86.78	ng	0.00
79) Terphenyl-d14	20.05	244	725562	99.03	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	2247	2.019	ng	# 55
19) n-Nitroso-di-n-propylamine	9.24	70	17190	17.167	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	6301	6.713	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	6301	4.766	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	5902	3.424	ng	# 1
77) Benzidine	20.05	184	12612	2.674	ng	# 92

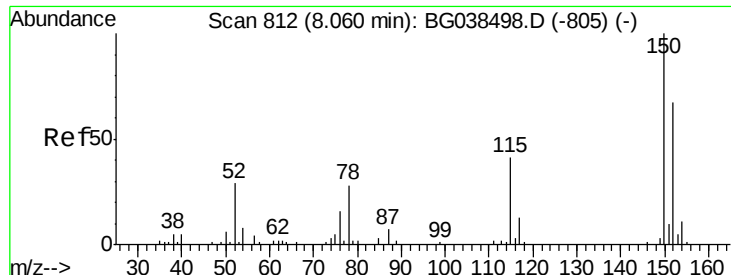
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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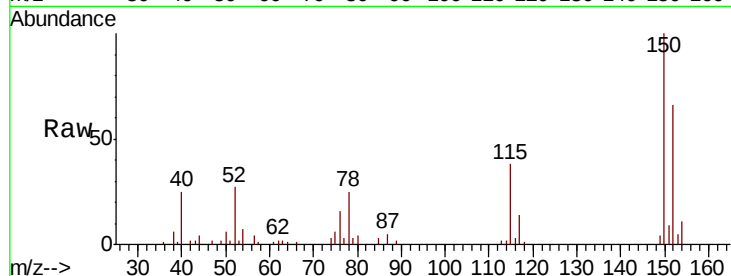




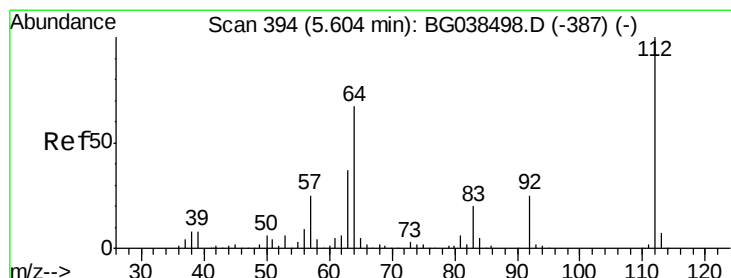
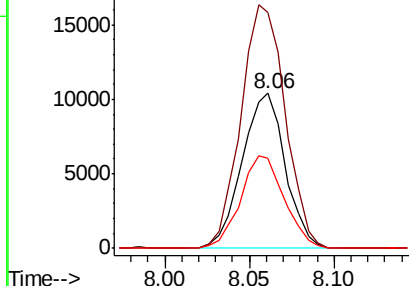
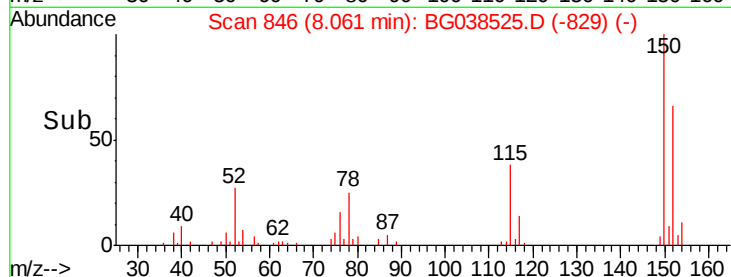
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:152 Resp: 18420
 Ion Ratio Lower Upper
 152 100
 150 152.3 119.5 179.3
 115 57.9 49.6 74.4

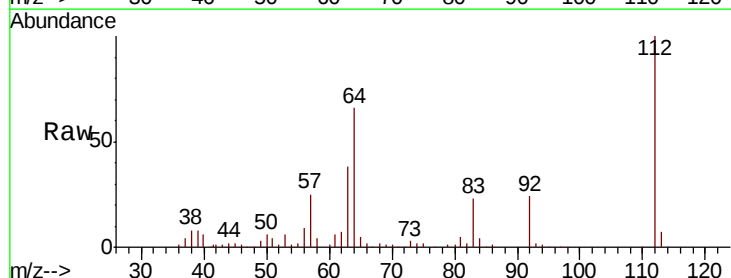


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

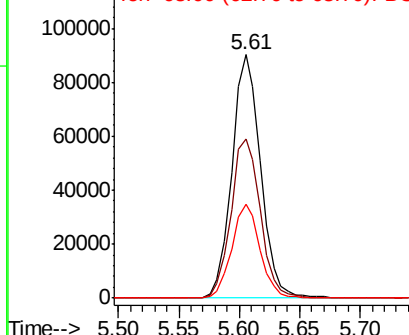
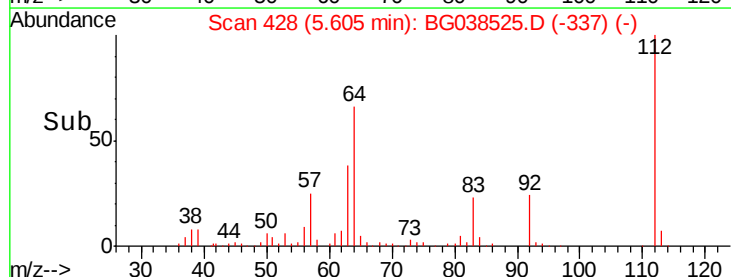


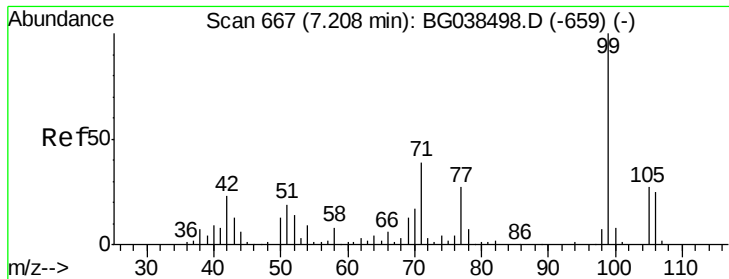
#5
 2-Fluorophenol
 Concen: 143.649 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Tgt Ion:112 Resp: 149185
 Ion Ratio Lower Upper
 112 100
 64 65.6 53.4 80.2
 63 38.4 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: 140.188 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038525.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_G

ClientSampled :

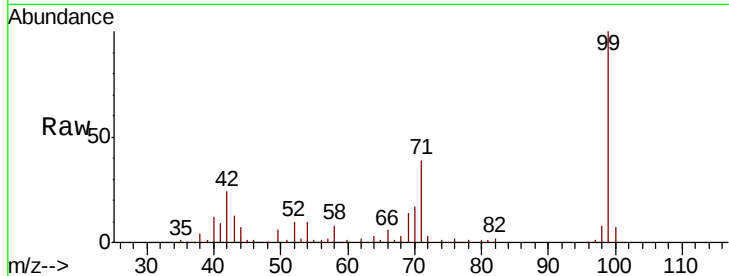
Tot Ion: 99 Resp: 199867

Ion Ratio Lower Upper

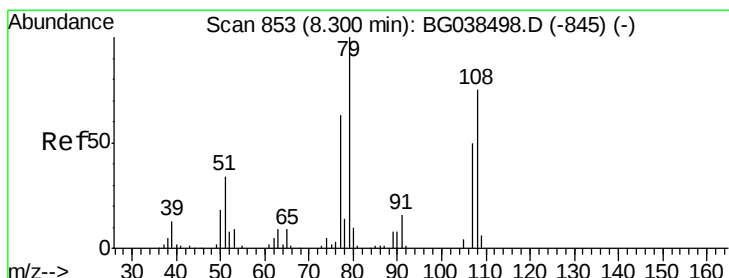
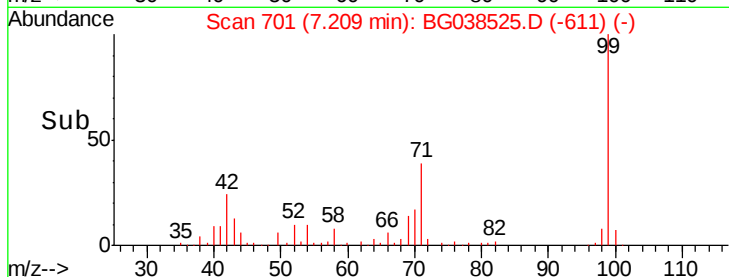
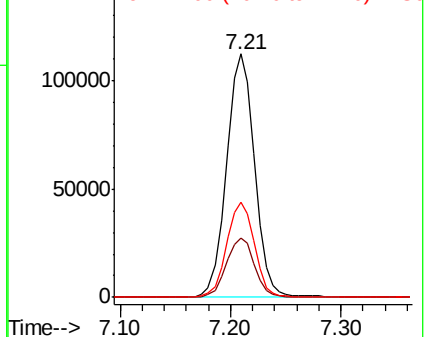
99 100

42 24.3 18.5 27.7

71 39.1 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



#15

Benzyl Alcohol

Concen: 2.019 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038525.D

Acq: 13 Dec 2018 10:11

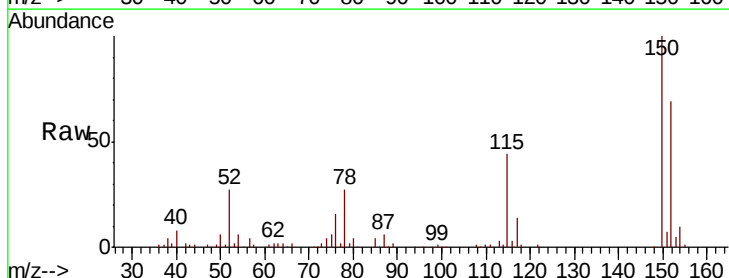
Tgt Ion: 79 Resp: 2247

Ion Ratio Lower Upper

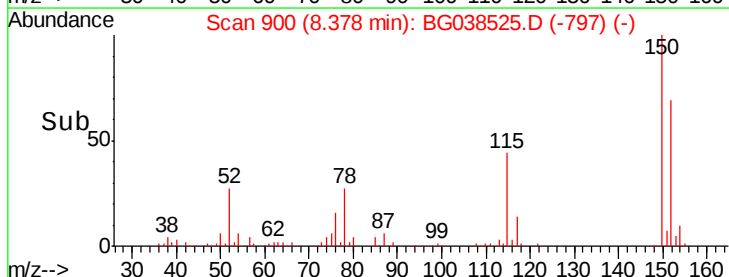
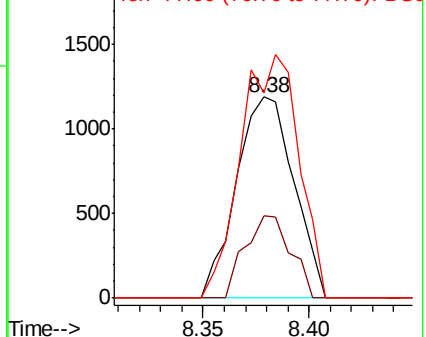
79 100

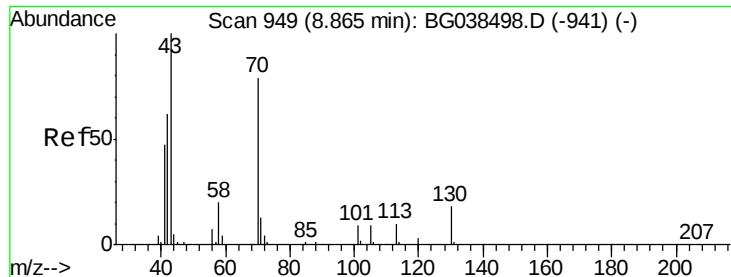
108 40.8 60.2 90.4#

77 102.0 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

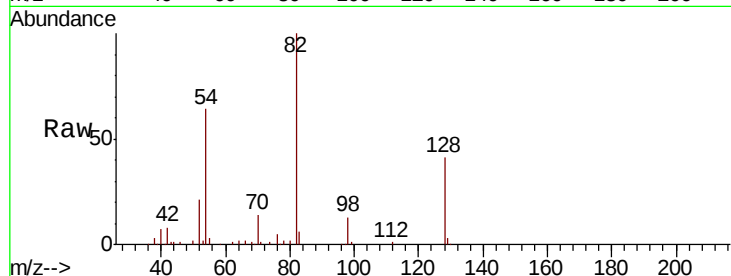




#19
n-Nitroso-di-n-propylamine
Concen: 17.167 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038525.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	63.6	95.4#
101	0.0	9.2	13.8#
130	1.9	18.5	27.7#



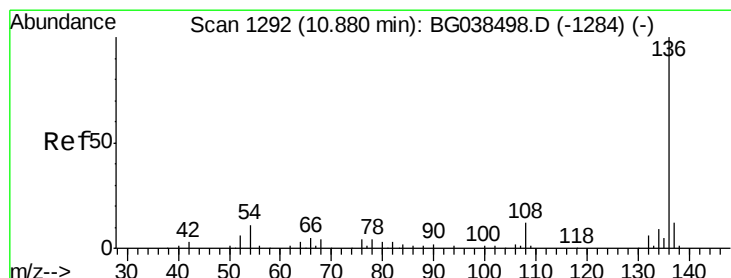
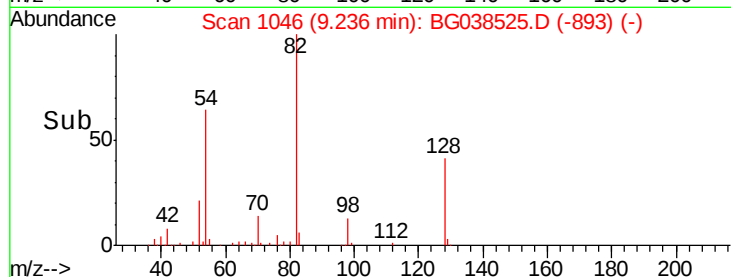
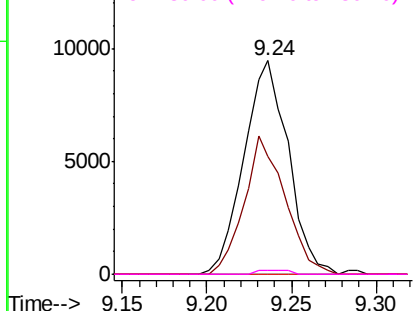
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

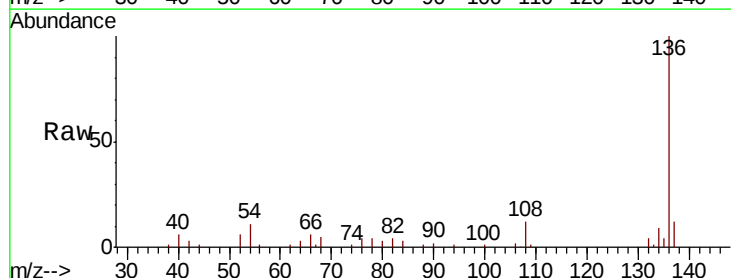
Ion 101.00 (100.70 to 101.70): BGC

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: BG038525.D
Acq: 13 Dec 2018 10:11

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	11.1	8.5	12.7
68	4.7	3.5	5.3



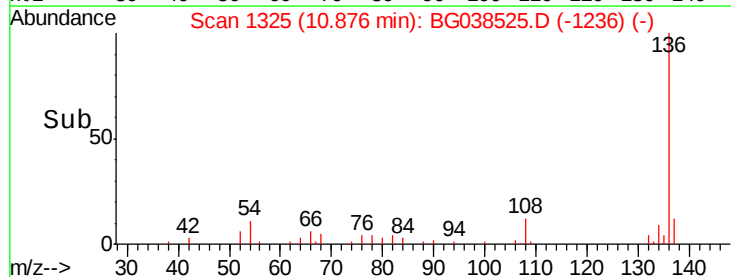
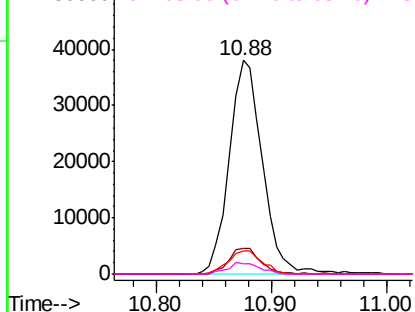
Abundance

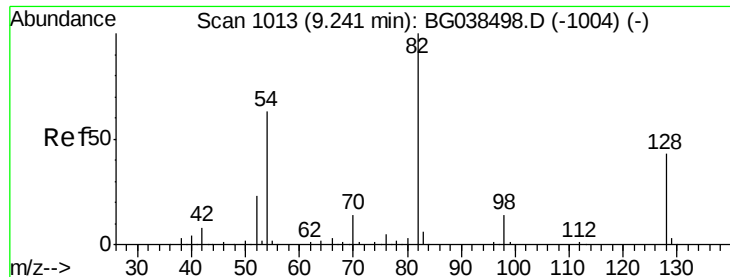
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

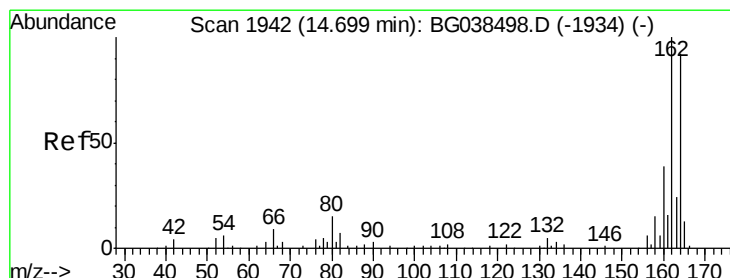
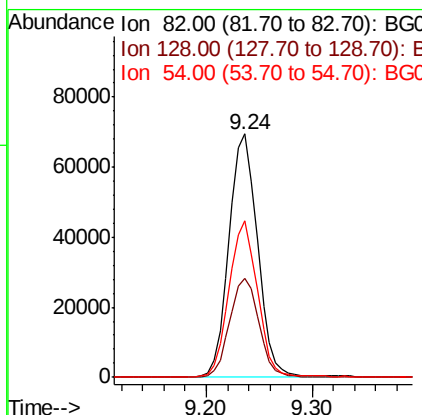
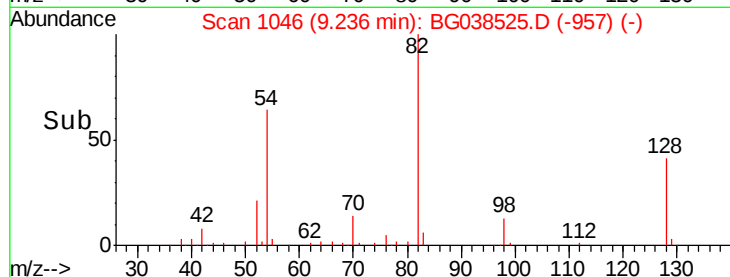
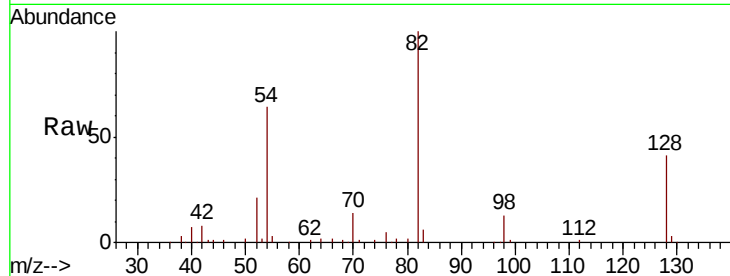




#23
 Nitrobenzene-d5
 Concen: 88.221 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

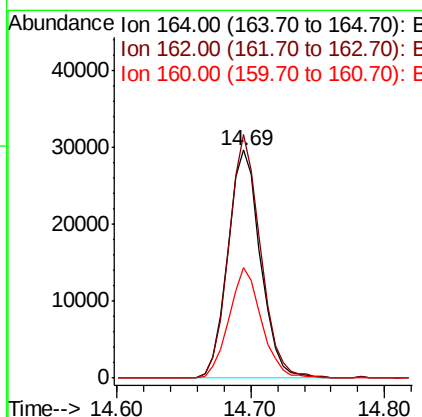
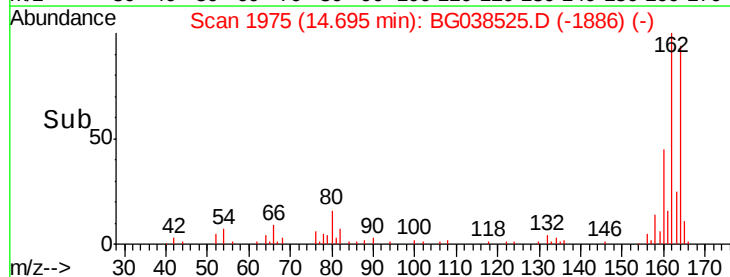
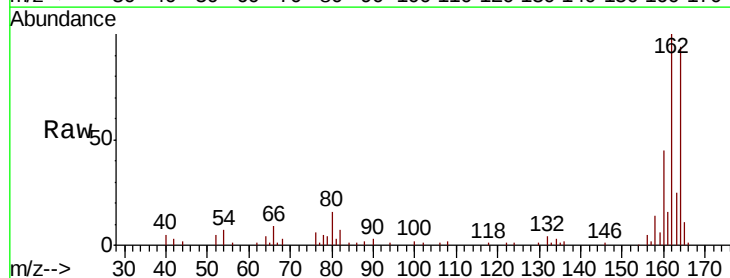
Instrument :
 BNA_G
 ClientSampled :

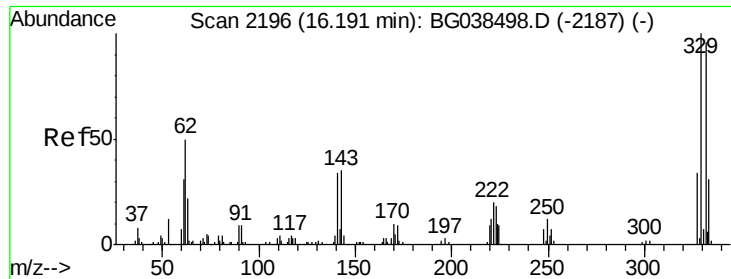
Tot Ion: 82 Resp: 130748
 Ion Ratio Lower Upper
 82 100
 128 40.7 34.6 52.0
 54 64.2 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Tgt Ion:164 Resp: 50717
 Ion Ratio Lower Upper
 164 100
 162 106.8 86.6 130.0
 160 48.3 34.2 51.2

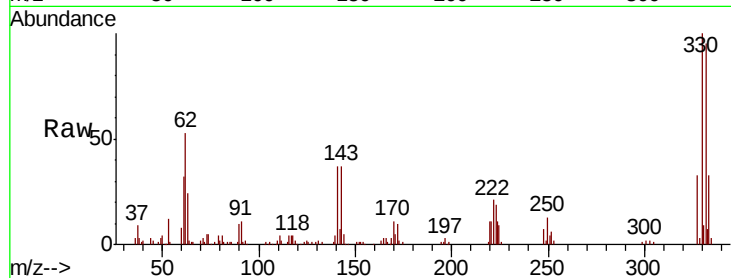




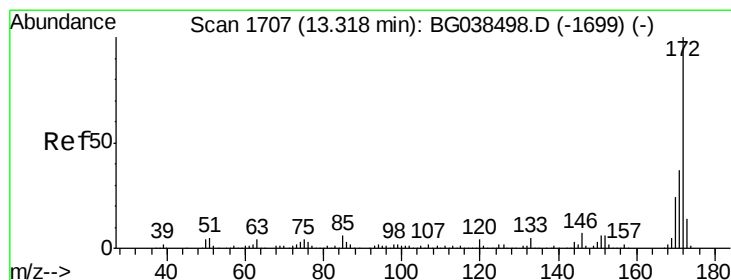
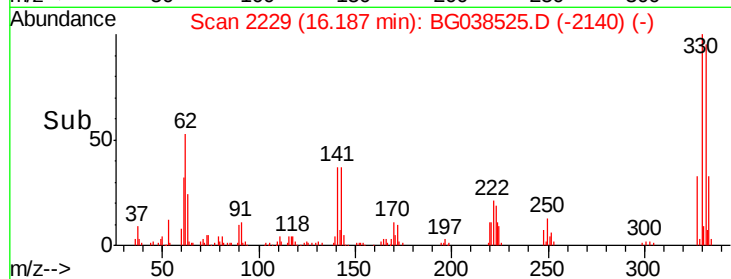
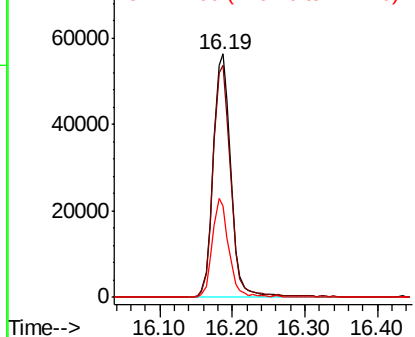
#42
 2,4,6-Tribromophenol
 Concen: 137.036 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 95784
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 38.1 28.8 43.2

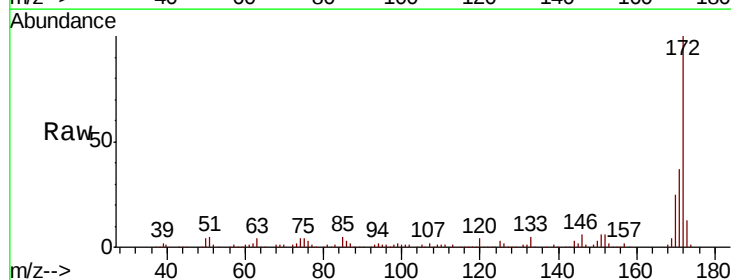


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

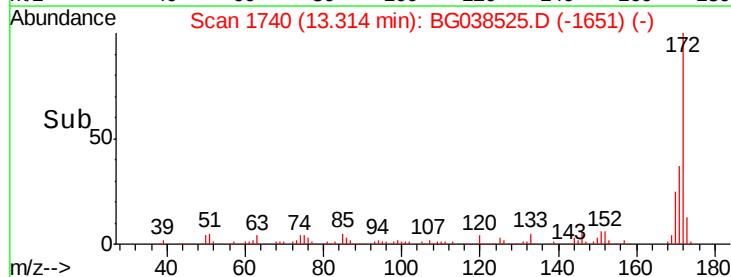
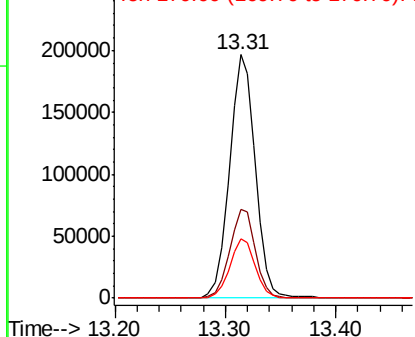


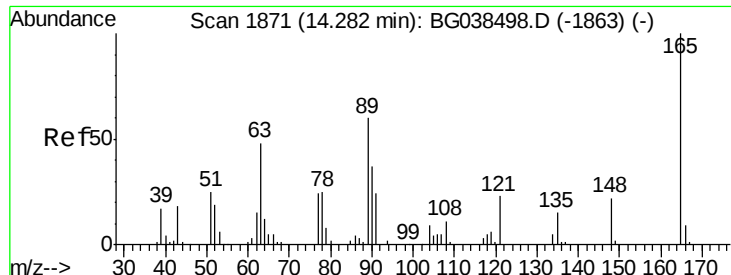
#45
 2-Fluorobiphenyl
 Concen: 86.782 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Tgt Ion:172 Resp: 320830
 Ion Ratio Lower Upper
 172 100
 171 36.6 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

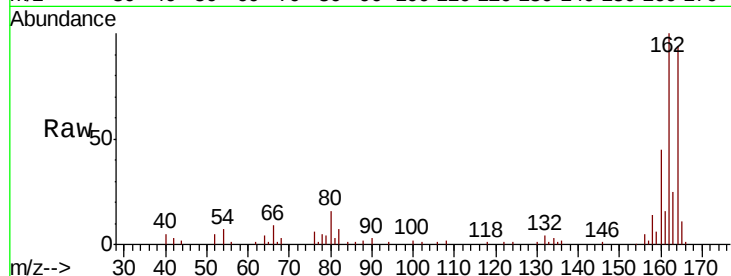




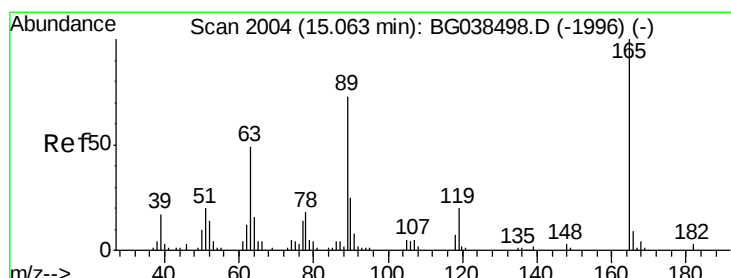
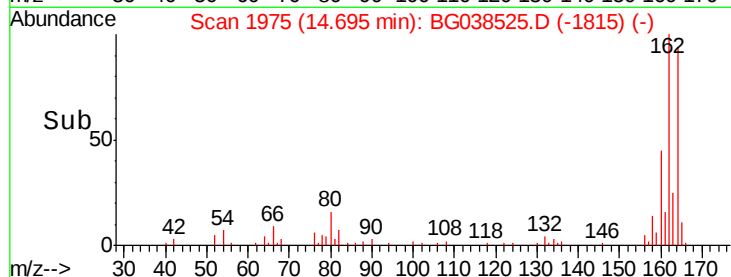
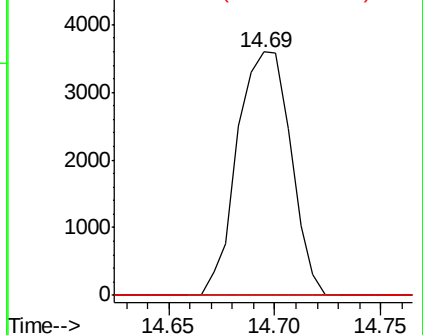
#51
 2,6-Dinitrotoluene
 Concen: 6.713 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :

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



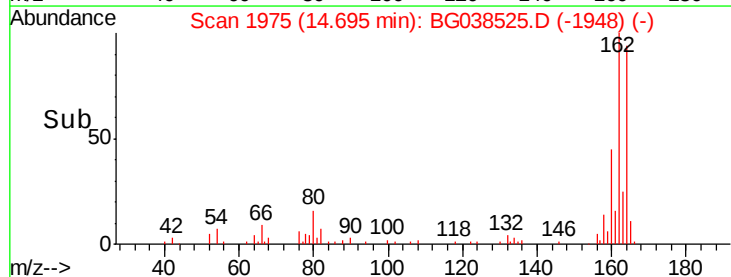
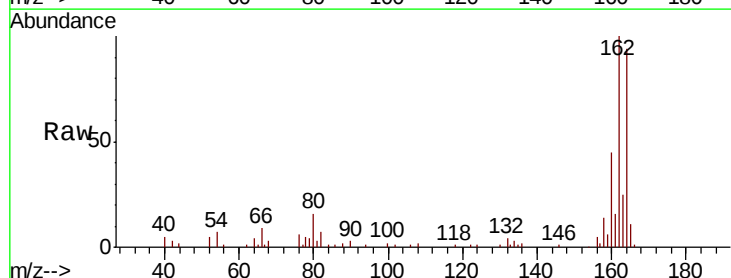
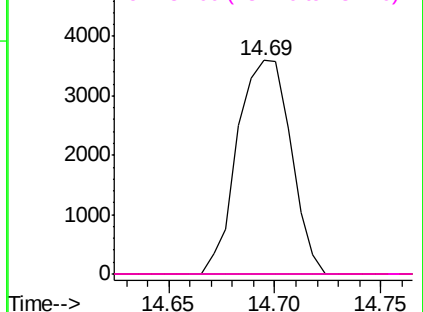
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

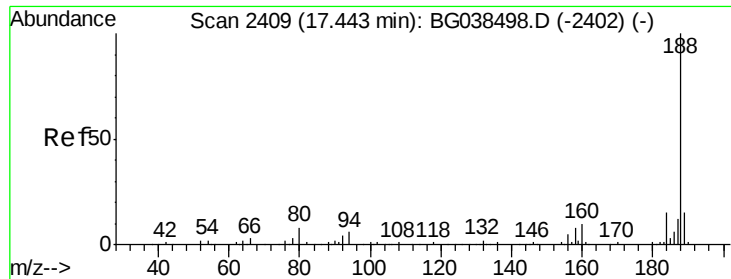


#57
 2,4-Dinitrotoluene
 Concen: 4.766 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

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

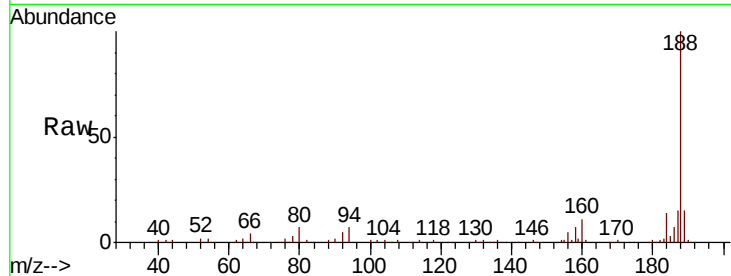




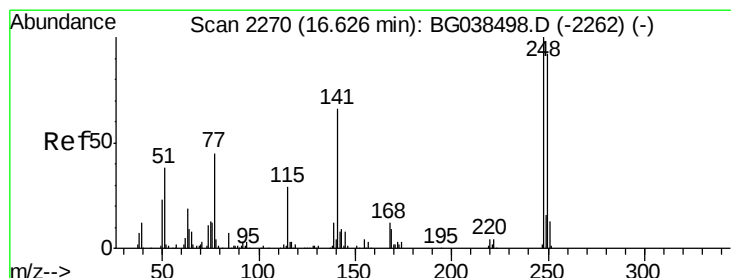
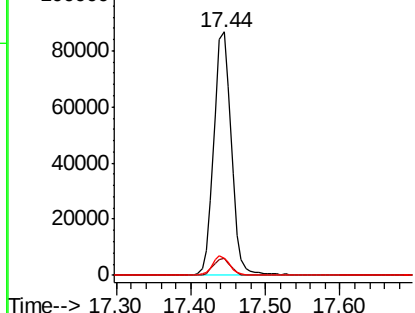
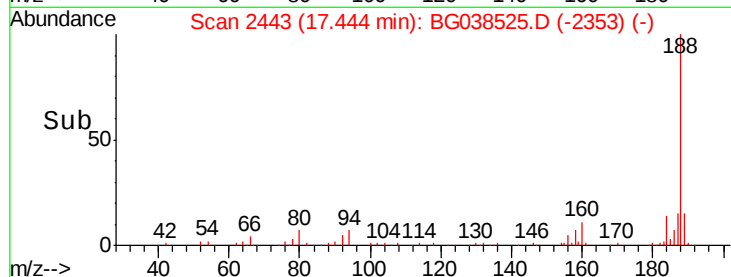
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 141143
 Ion Ratio Lower Upper
 188 100
 94 6.9 5.1 7.7
 80 7.2 6.1 9.1

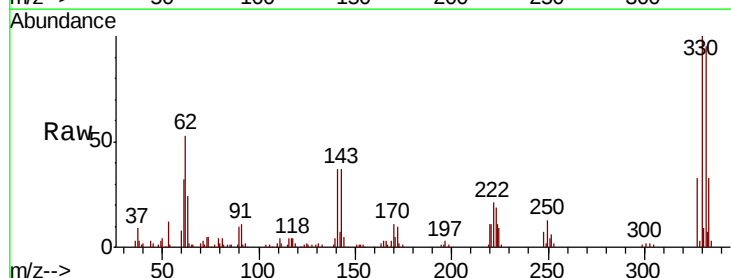


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

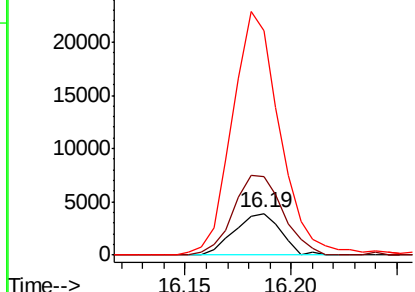
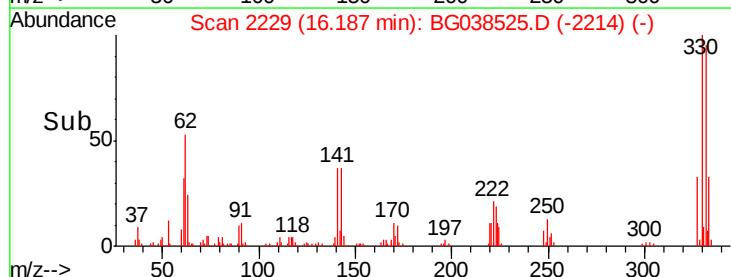


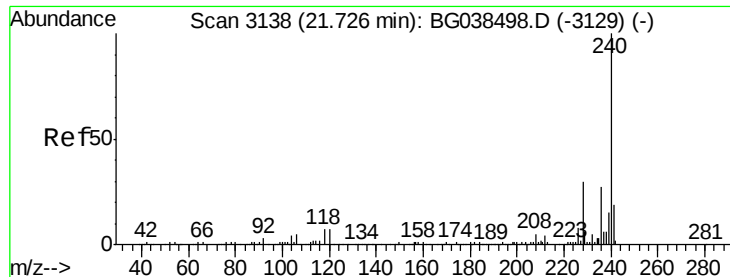
#67
 4-Bromophenyl-phenylether
 Concen: 3.424 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038525.D
 Acq: 13 Dec 2018 10:11

Tgt Ion:248 Resp: 5902
 Ion Ratio Lower Upper
 248 100
 250 182.9 73.4 110.2#
 141 405.9 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

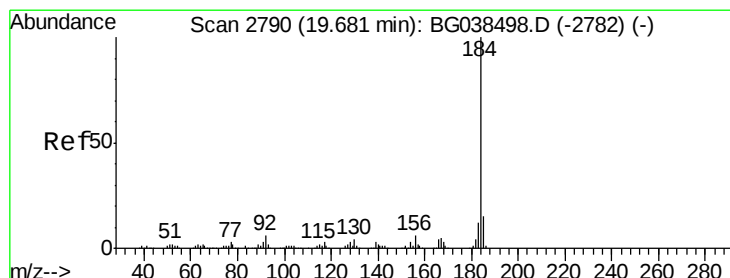
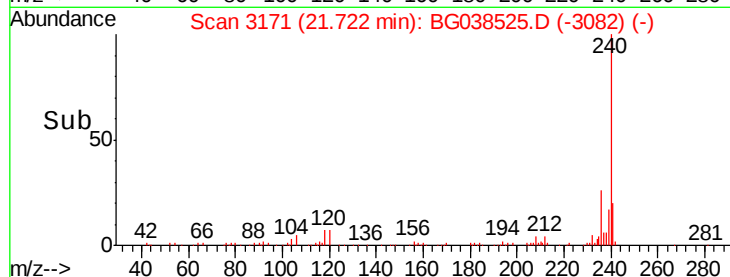
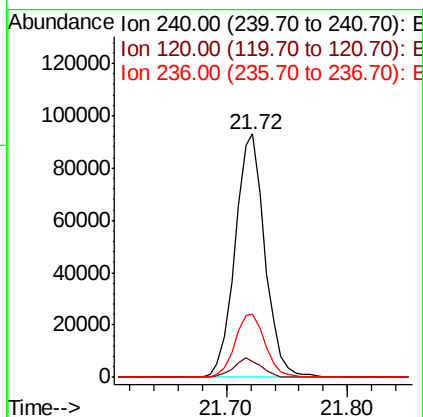
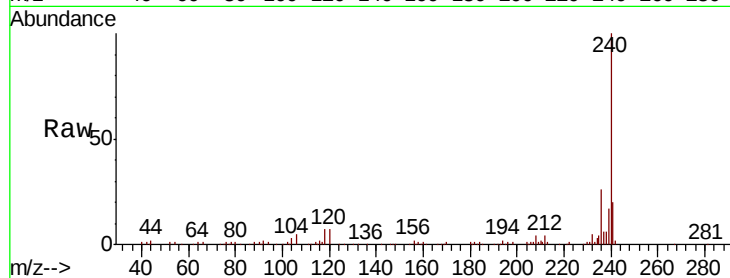




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038525.D
Acq: 13 Dec 2018 10:11

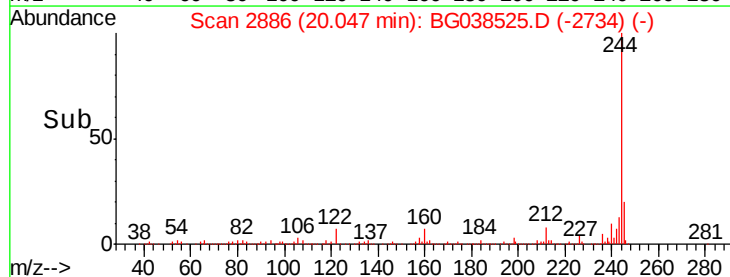
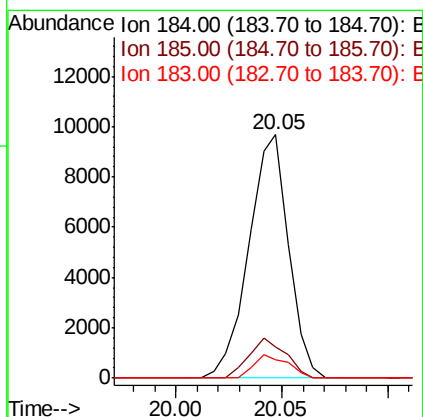
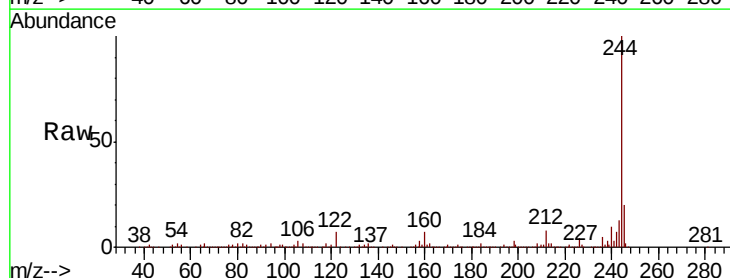
Instrument :
BNA_G
ClientSampleId :

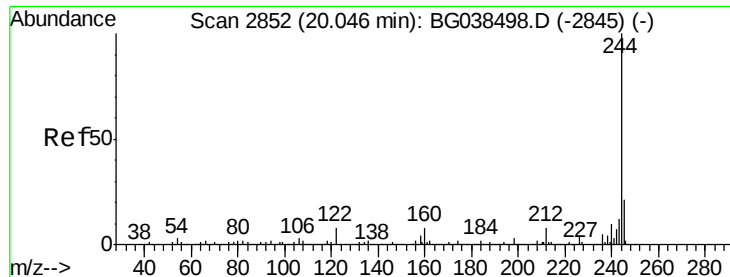
Tot Ion:240 Resp: 159459
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 25.9 21.4 32.2



#77
Benzidine
Concen: 2.674 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038525.D
Acq: 13 Dec 2018 10:11

Tgt Ion:184 Resp: 12612
Ion Ratio Lower Upper
184 100
185 12.9 12.2 18.2
183 7.5 9.6 14.4#





#79

Terphenyl-d14

Concen: 99.026 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038525.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_G

ClientSampleId :

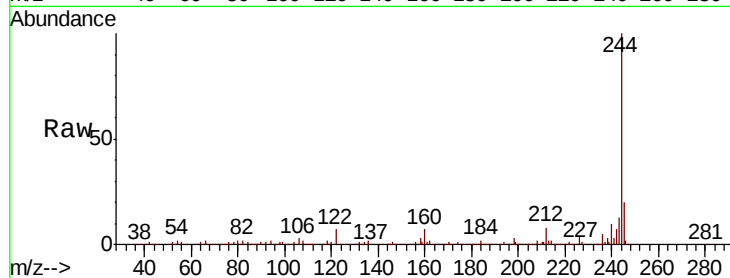
Tot Ion:244 Resp: 725562

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

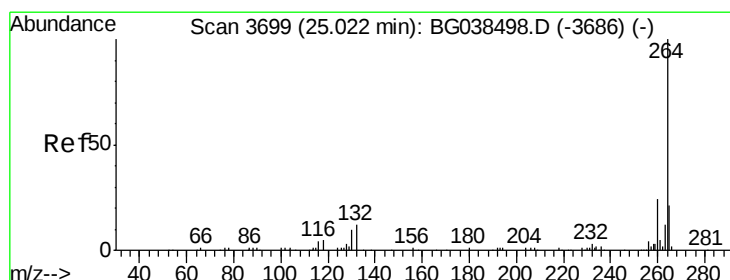
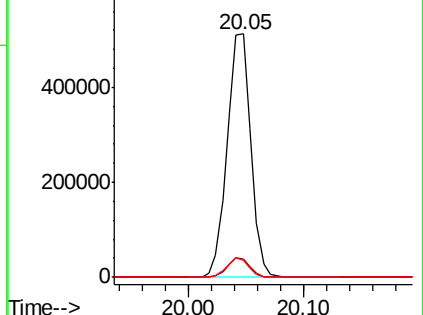
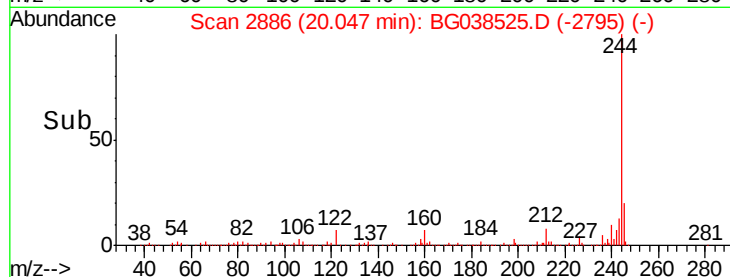
122 6.9 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038525.D

Acq: 13 Dec 2018 10:11

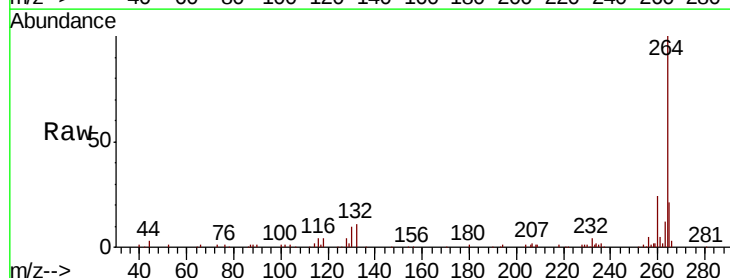
Tgt Ion:264 Resp: 167958

Ion Ratio Lower Upper

264 100

260 24.1 18.9 28.3

265 20.6 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

