

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038724.D
 Acq On : 19 Dec 2018 11:46
 Operator : JU/SJ
 Sample : J6398-13
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 12:33:51 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

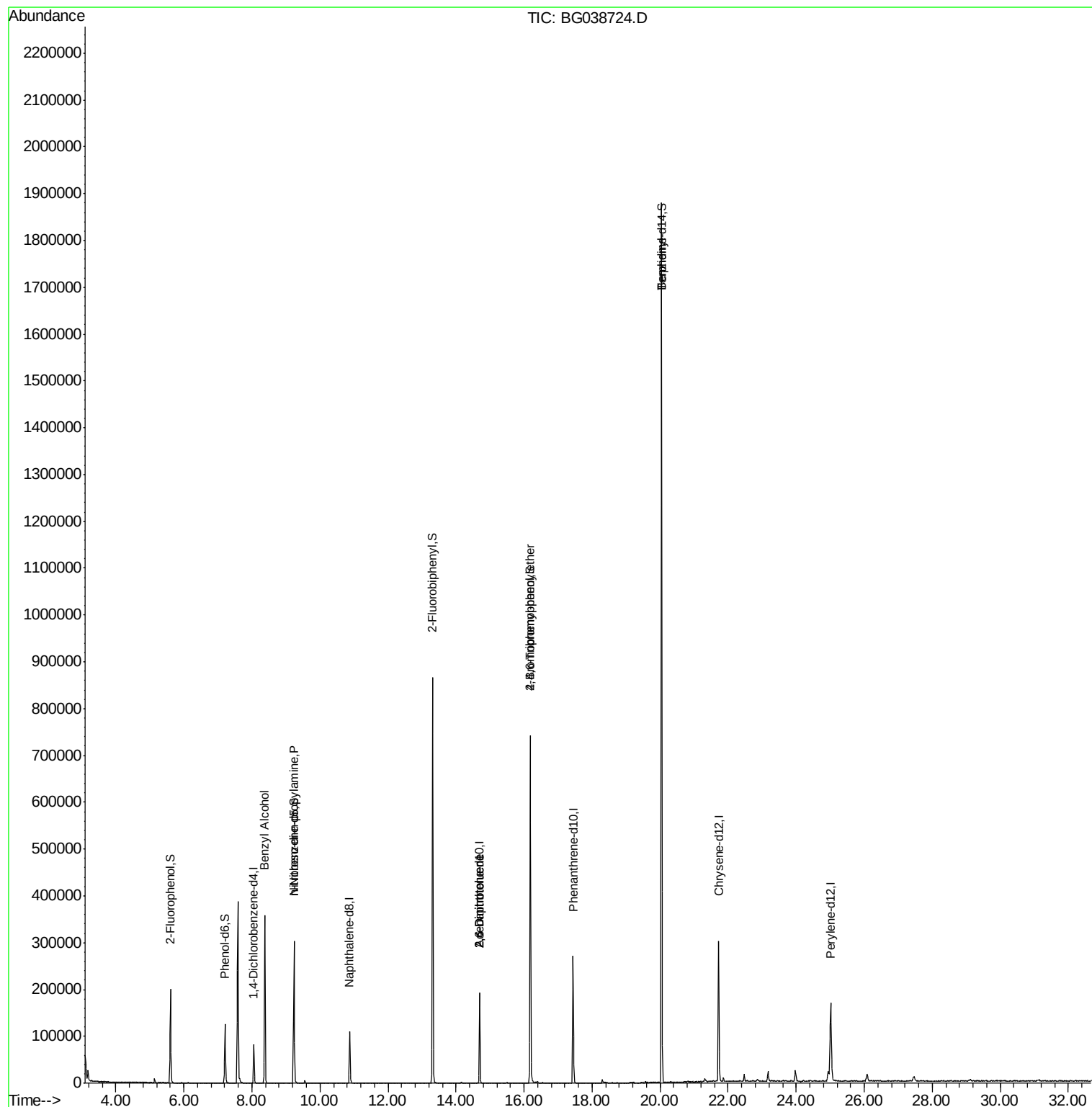
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24299	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	99371	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	68525	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	183084	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197365	20.00	ng	0.00
87) Perylene-d12	25.02	264	205409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	87680	64.00	ng	0.00
7) Phenol-d6	7.21	99	73134	38.89	ng	0.00
23) Nitrobenzene-d5	9.24	82	181988	93.56	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	154197	163.28	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	469696	94.03	ng	0.00
79) Terphenyl-d14	20.05	244	968422	106.79	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.38	79	3086	2.102	ng	# 39
19) n-Nitroso-di-n-propylamine	9.24	70	24571	18.601	ng	# 69
51) 2,6-Dinitrotoluene	14.69	165	8905	7.022	ng	# 21
57) 2,4-Dinitrotoluene	14.69	165	8905	4.986	ng	# 23
67) 4-Bromophenyl-phenylether	16.19	248	10312	4.612	ng	# 1
77) Benzidine	20.05	184	17598	3.015	ng	98

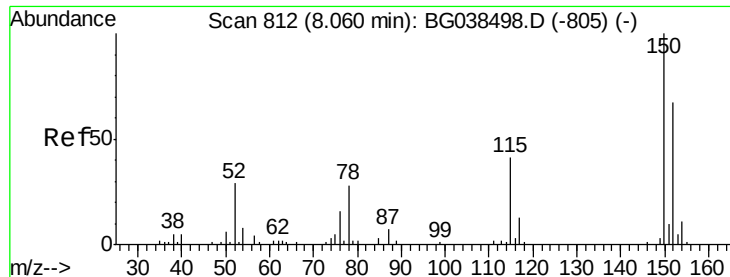
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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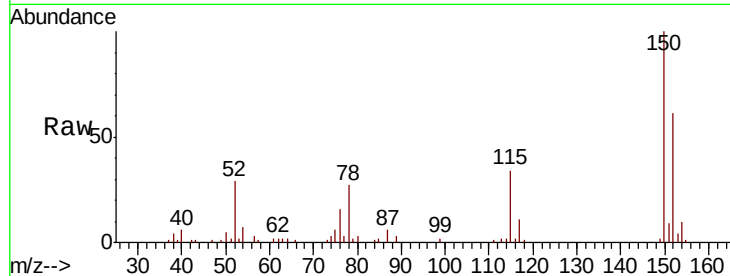


#1

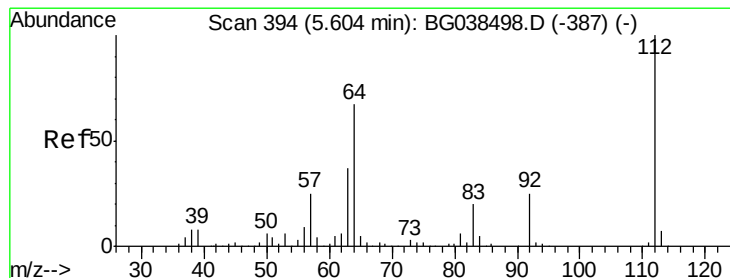
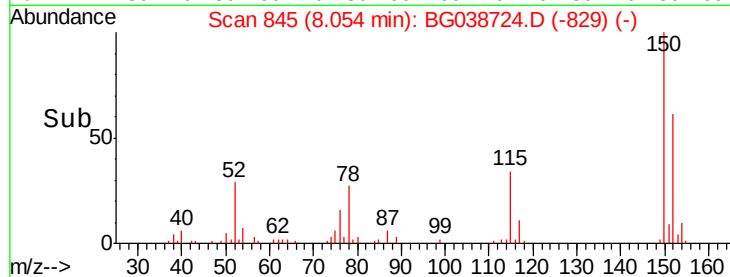
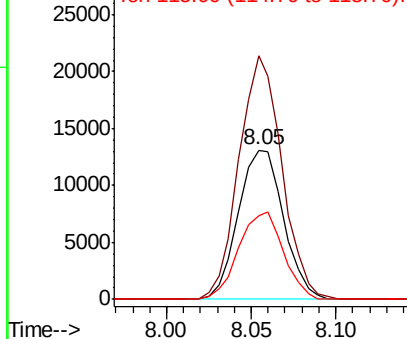
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 24299
Ion Ratio Lower Upper
152 100
150 162.9 119.5 179.3
115 56.0 49.6 74.4



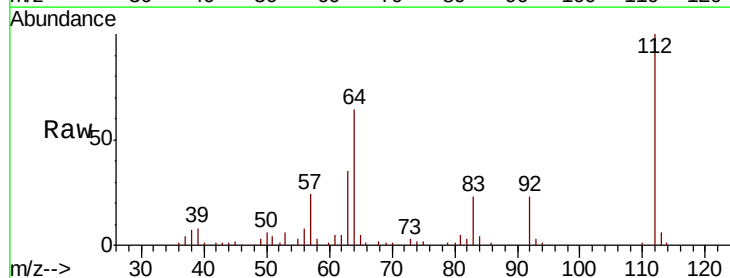
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



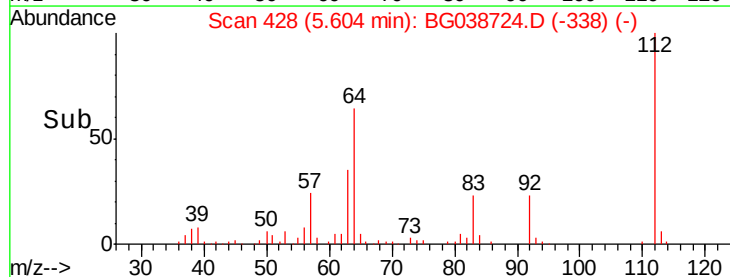
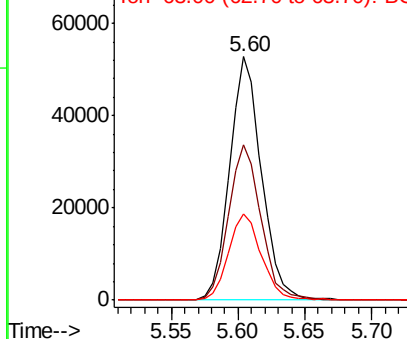
#5

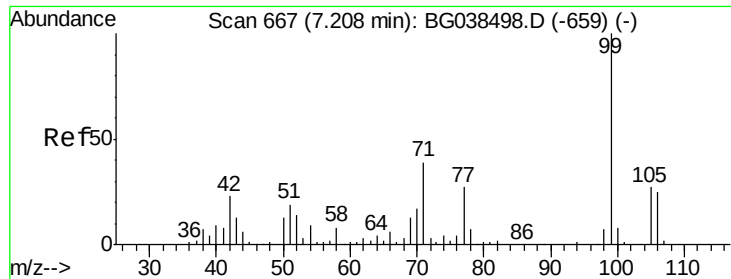
2-Fluorophenol
Concen: 64.000 ng
RT: 5.60 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

Tgt Ion:112 Resp: 87680
Ion Ratio Lower Upper
112 100
64 63.6 53.4 80.2
63 35.2 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: 38.886 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

Instrument :

BNA_G

ClientSampled :

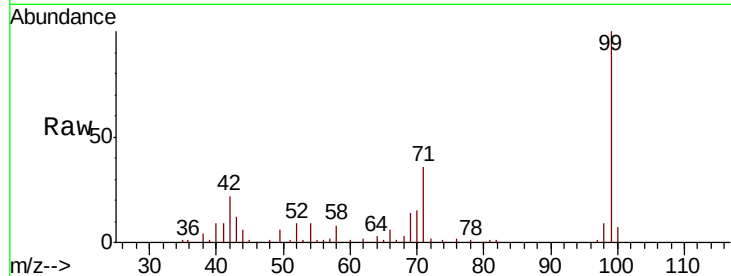
Tot Ion: 99 Resp: 73134

Ion Ratio Lower Upper

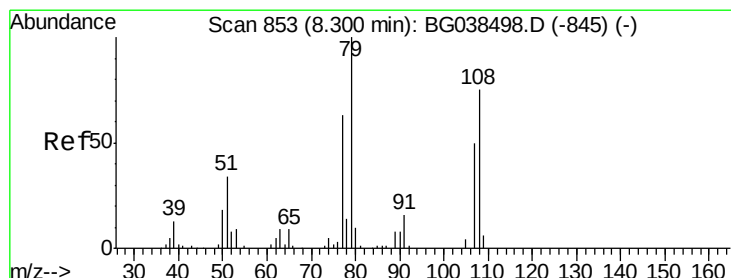
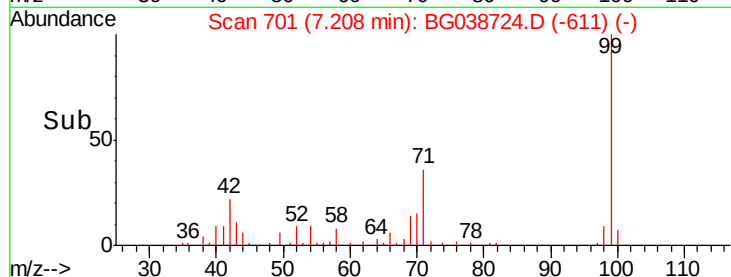
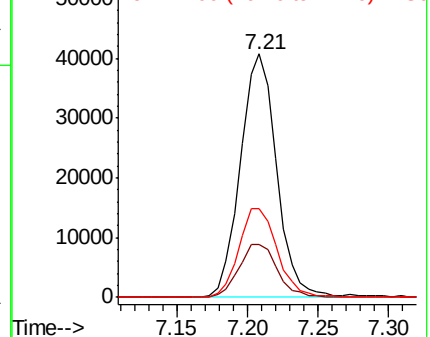
99 100

42 21.8 18.5 27.7

71 36.4 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



#15

Benzyl Alcohol

Concen: 2.102 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

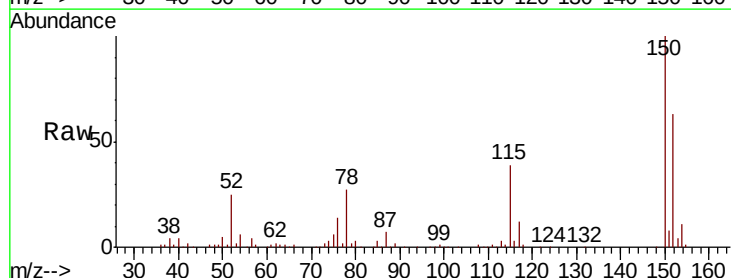
Tgt Ion: 79 Resp: 3086

Ion Ratio Lower Upper

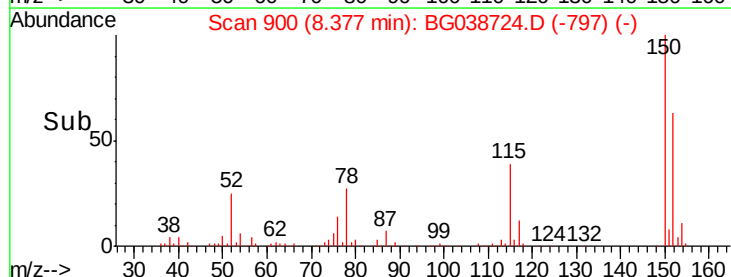
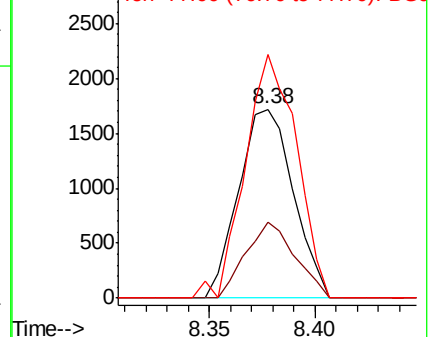
79 100

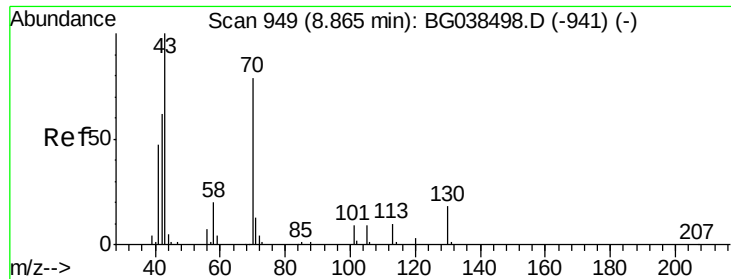
108 40.0 60.2 90.4#

77 128.8 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

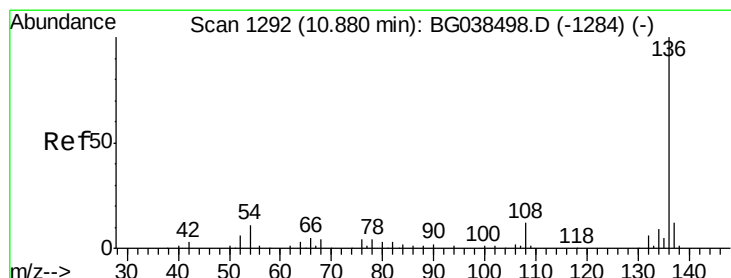
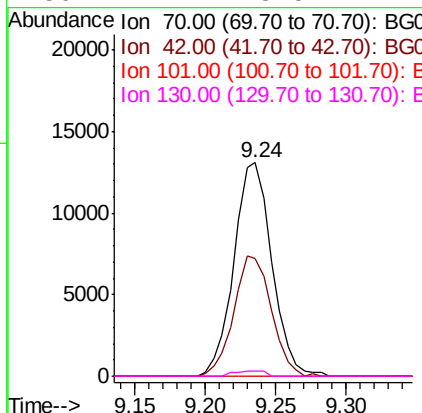
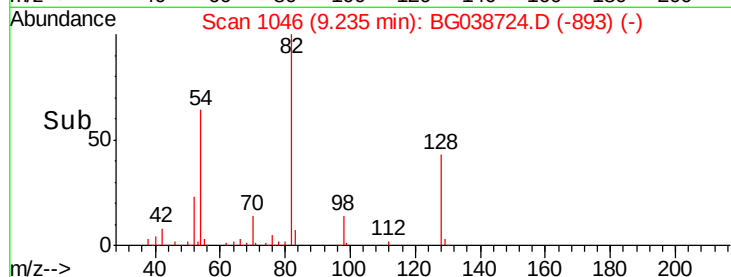
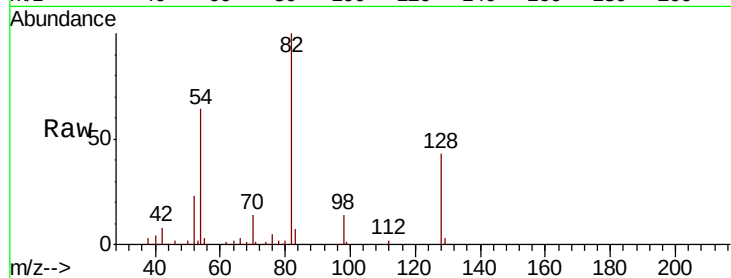




#19
n-Nitroso-di-n-propylamine
Concen: 18.601 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

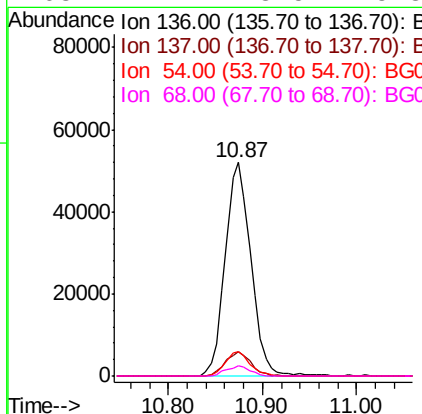
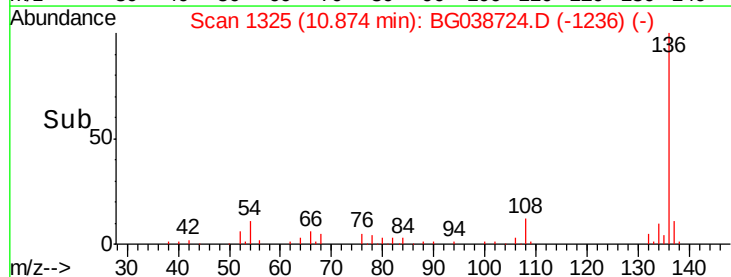
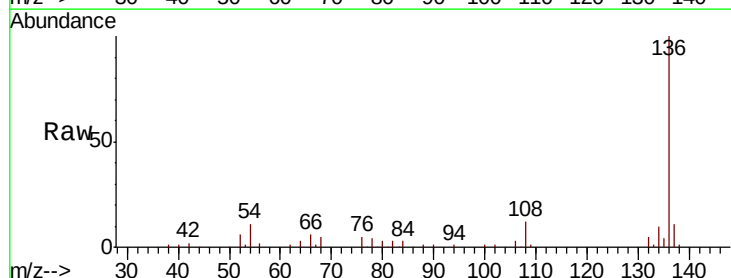
Instrument :
BNA_G
ClientSampleId :

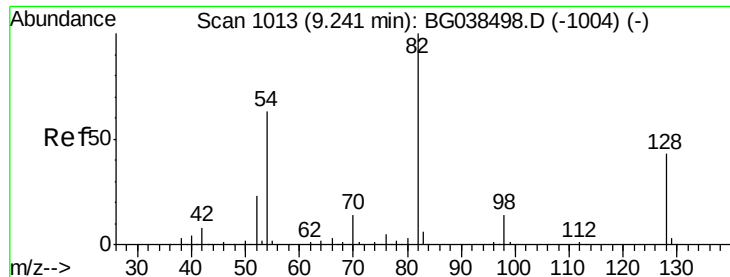
Tot Ion: 70 Resp: 24571
Ion Ratio Lower Upper
70 100
42 55.3 63.6 95.4#
101 0.0 9.2 13.8#
130 2.4 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038724.D
Acq: 19 Dec 2018 11:46

Tgt Ion: 136 Resp: 99371
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 11.2 8.5 12.7
68 4.7 3.5 5.3

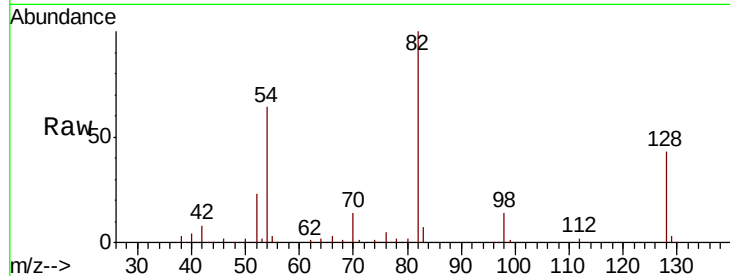




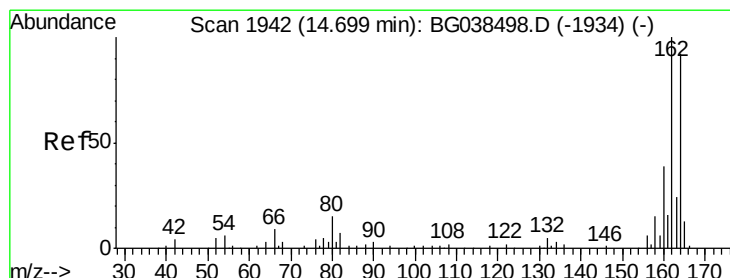
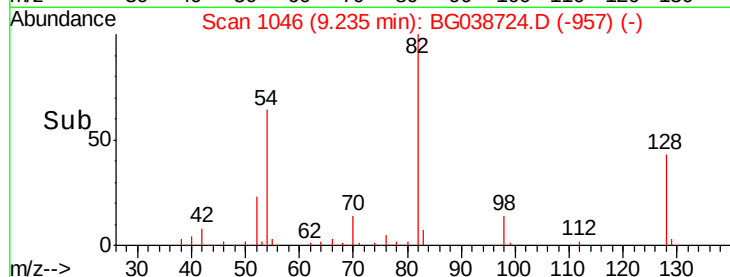
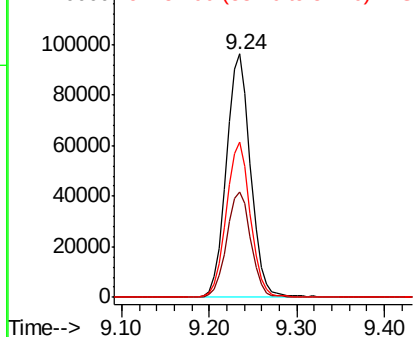
#23
 Nitrobenzene-d5
 Concen: 93.561 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 181988
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 63.7 50.6 76.0

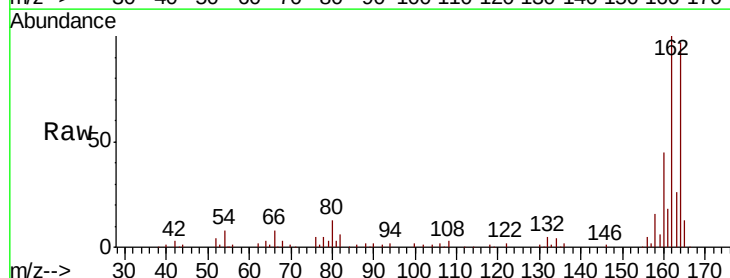


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

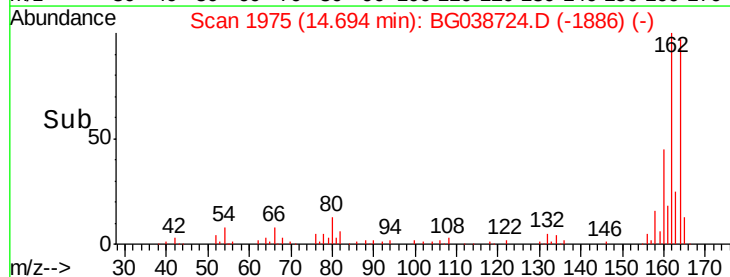
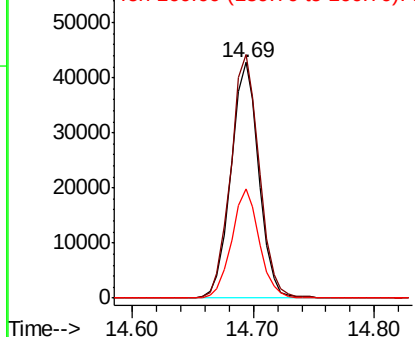


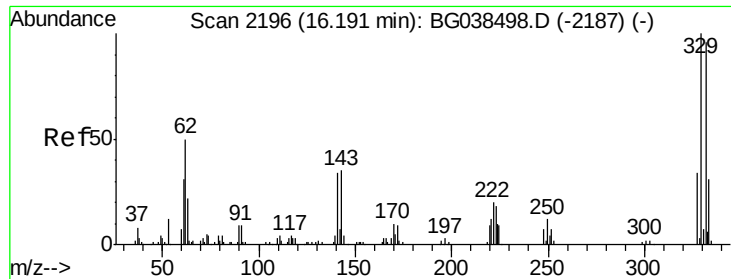
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion: 164 Resp: 68525
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.6 130.0
 160 46.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

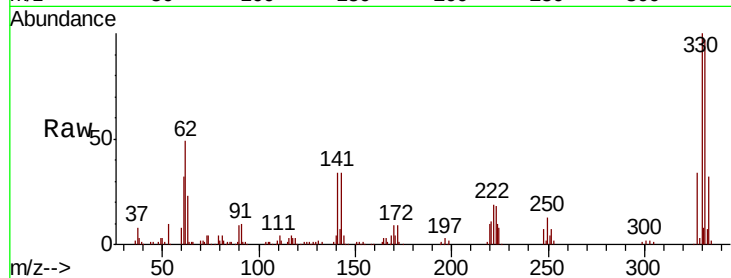




#42
 2,4,6-Tribromophenol
 Concen: 163.275 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.9	115.3
141	34.5	28.8	43.2

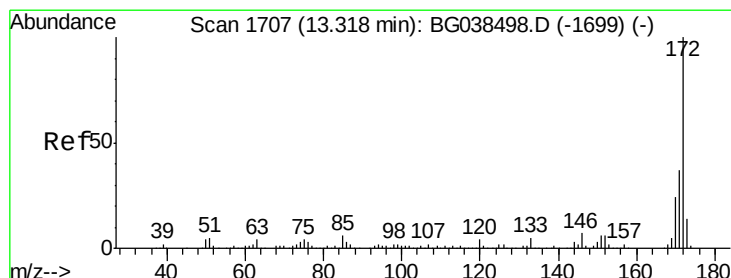
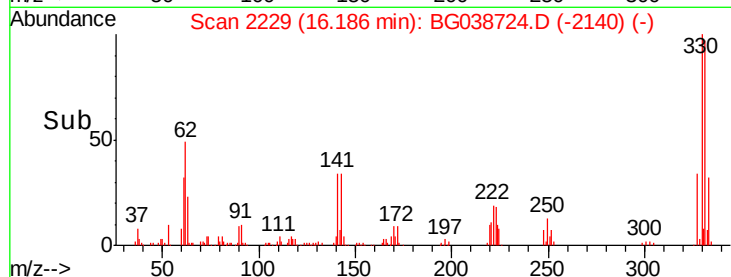
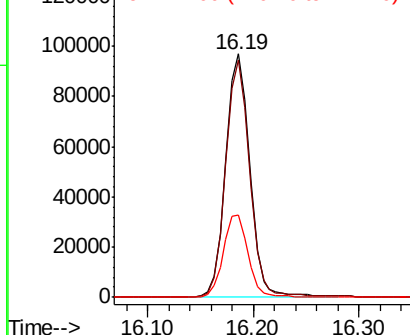


Abundance

Ion 329.80 (329.50 to 330.50): E

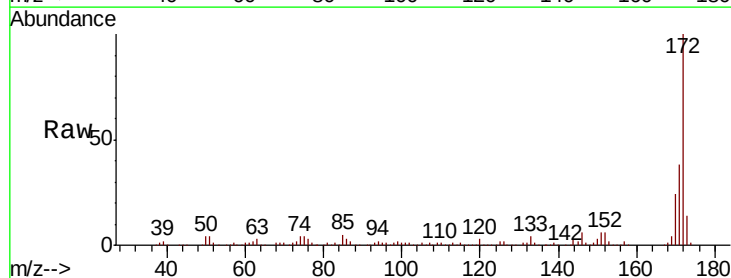
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.032 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.8	44.6
170	23.7	19.5	29.3

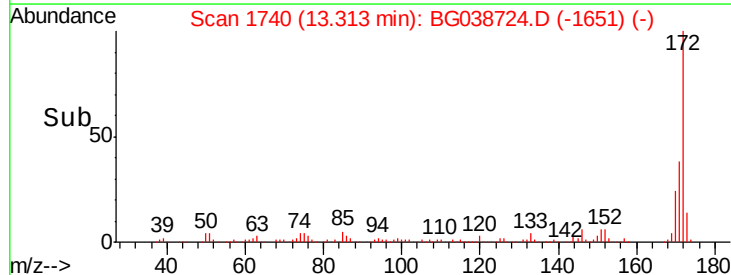
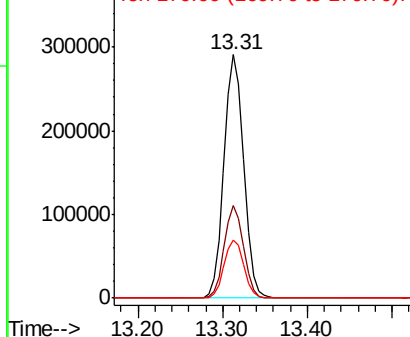


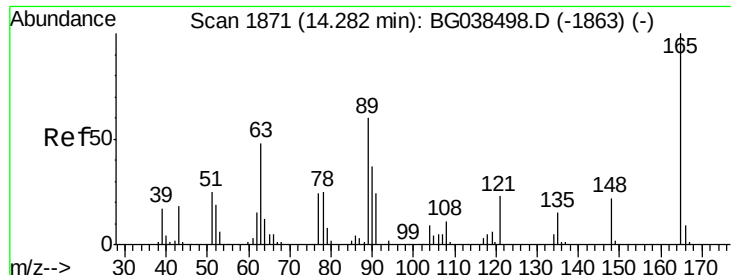
Abundance

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

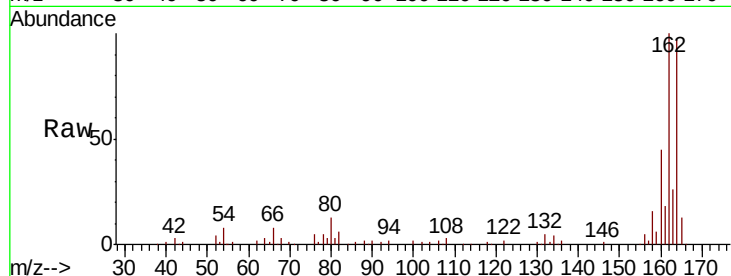




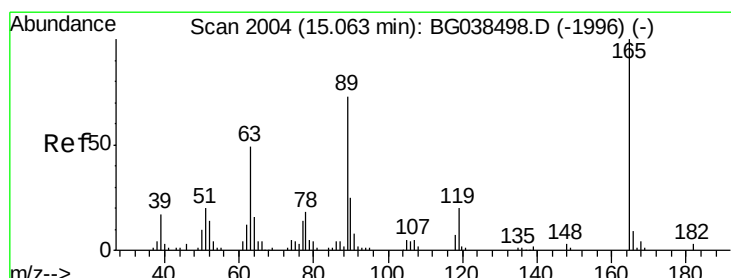
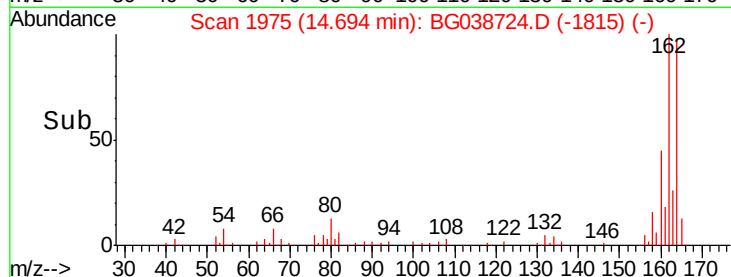
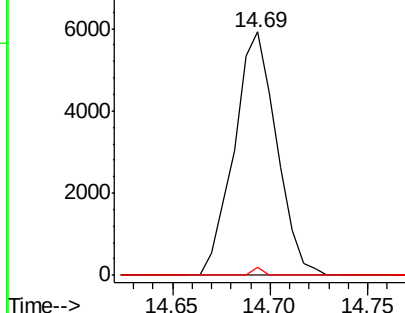
#51
 2,6-Dinitrotoluene
 Concen: 7.022 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. 0.41 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	51.8	77.6#
89	3.2	47.9	71.9#



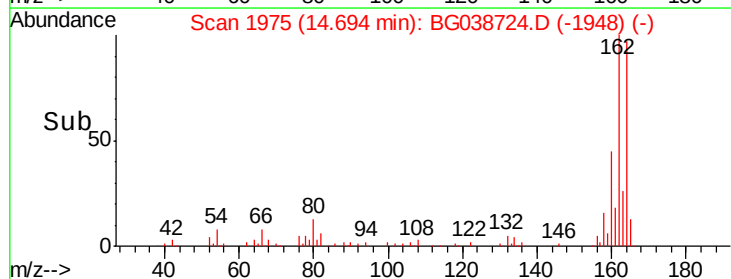
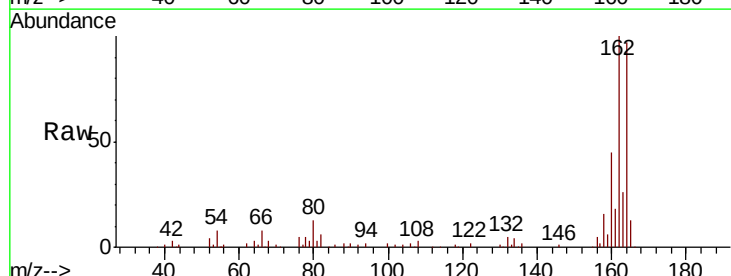
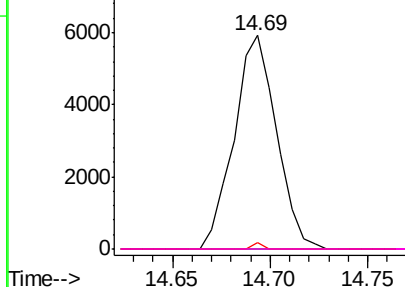
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

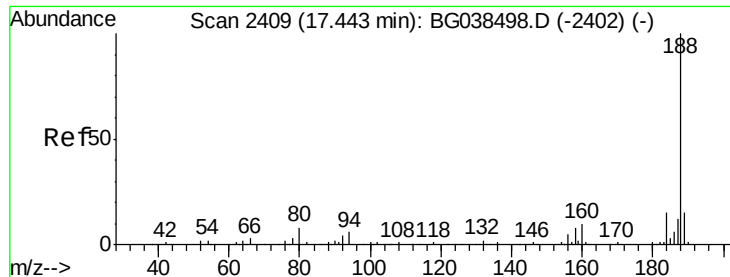


#57
 2,4-Dinitrotoluene
 Concen: 4.986 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	3.2	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

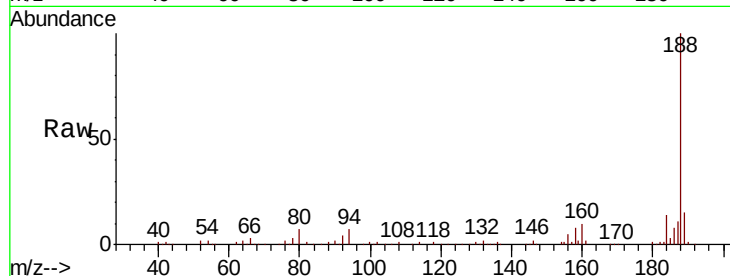




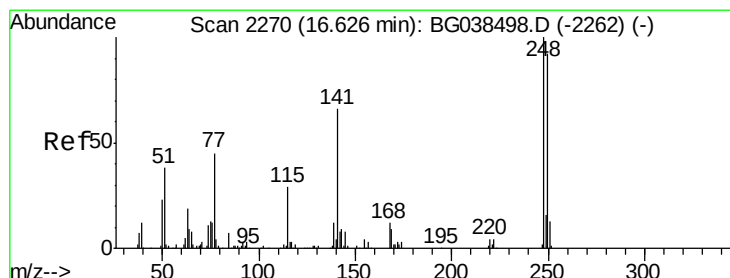
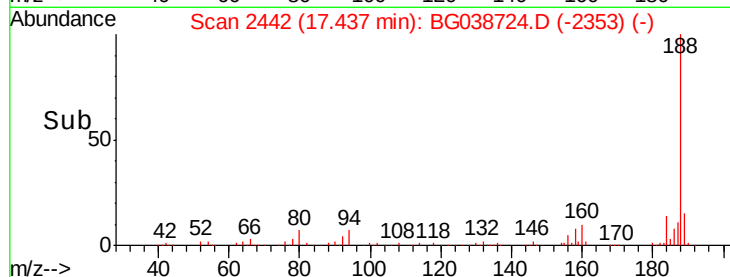
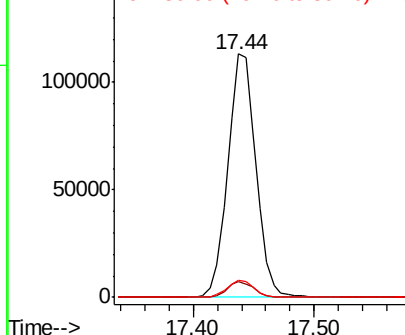
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 183084
 Ion Ratio Lower Upper
 188 100
 94 6.7 5.1 7.7
 80 7.2 6.1 9.1

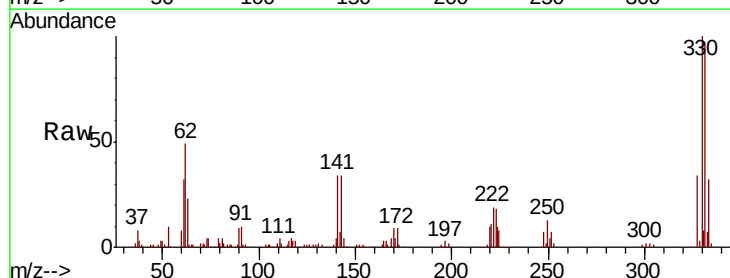


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

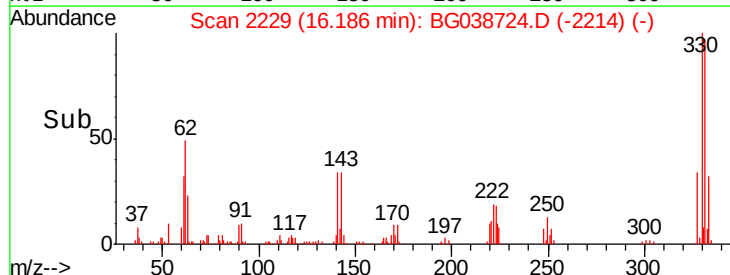
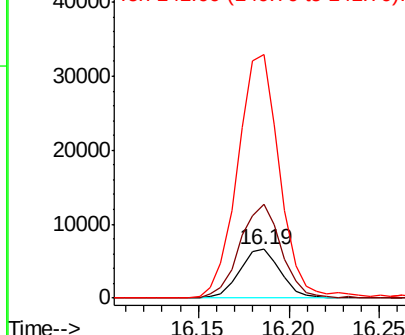


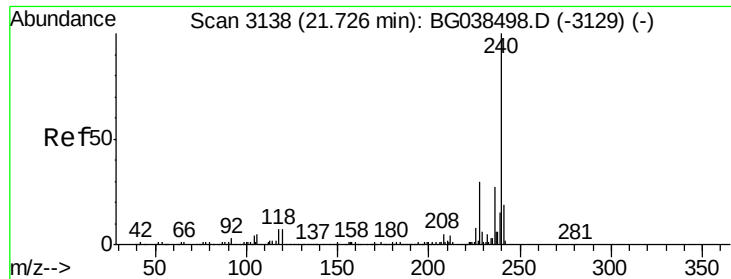
#67
 4-Bromophenyl-phenylether
 Concen: 4.612 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion:248 Resp: 10312
 Ion Ratio Lower Upper
 248 100
 250 193.7 73.4 110.2#
 141 391.4 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

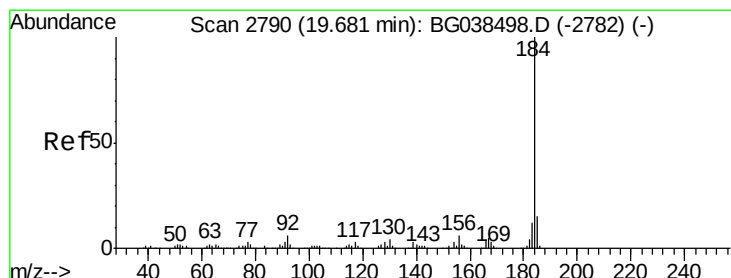
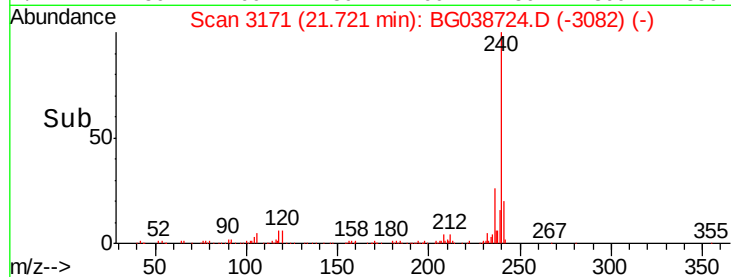
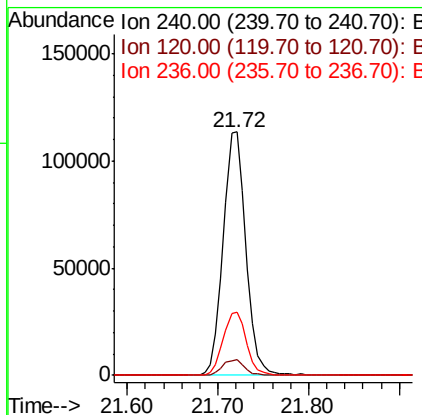
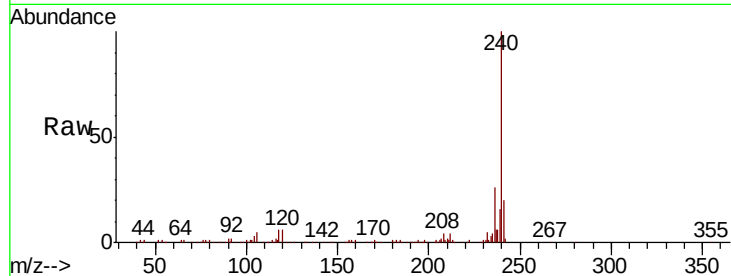




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

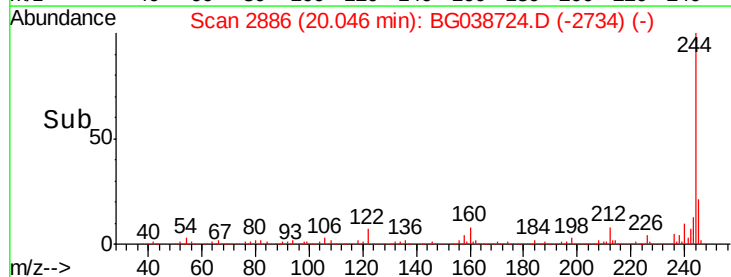
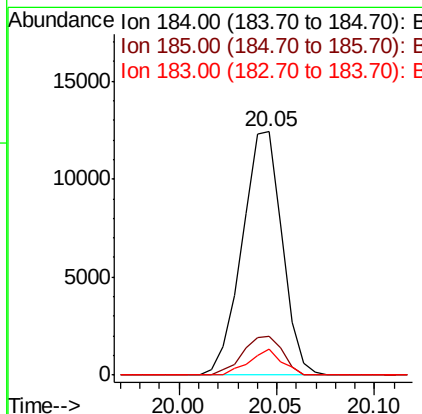
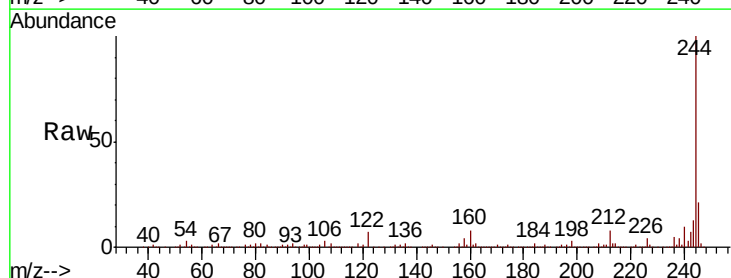
Instrument :
 BNA_G
 ClientSampleId :

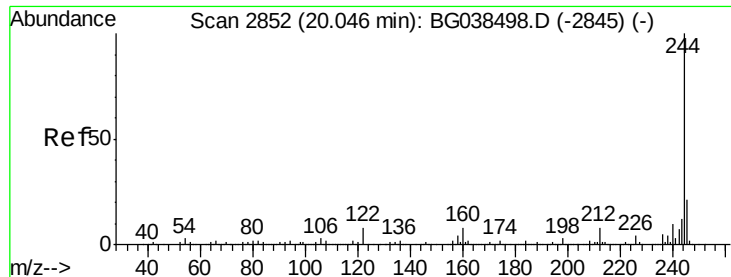
Tot Ion:240 Resp: 197365
 Ion Ratio Lower Upper
 240 100
 120 6.5 5.3 7.9
 236 25.9 21.4 32.2



#77
 Benzidine
 Concen: 3.015 ng
 RT: 20.05 min Scan# 2886
 Delta R.T. 0.36 min
 Lab File: BG038724.D
 Acq: 19 Dec 2018 11:46

Tgt Ion:184 Resp: 17598
 Ion Ratio Lower Upper
 184 100
 185 15.9 12.2 18.2
 183 10.6 9.6 14.4





#79

Terphenyl-d14

Concen: 106.787 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

Instrument :

BNA_G

ClientSampleId :

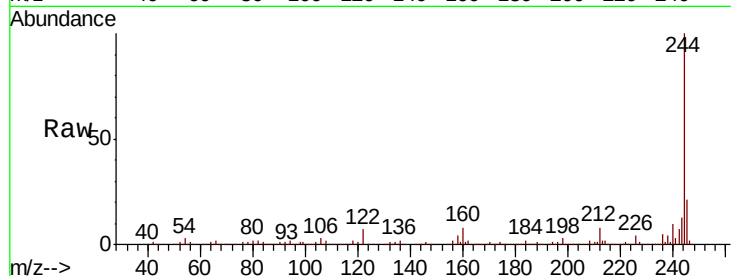
Tot Ion:244 Resp: 968422

Ion Ratio Lower Upper

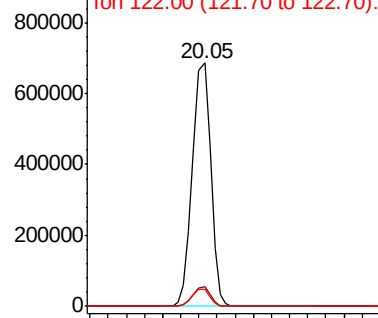
244 100

212 8.1 6.2 9.2

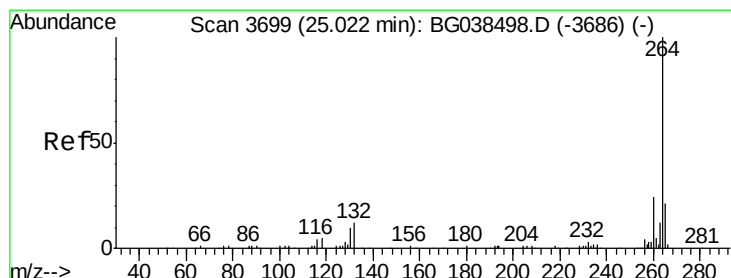
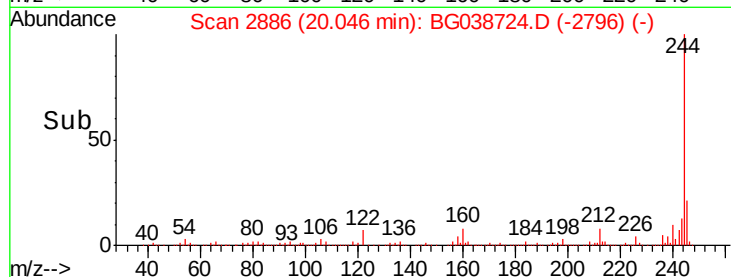
122 6.9 6.3 9.5



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



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038724.D

Acq: 19 Dec 2018 11:46

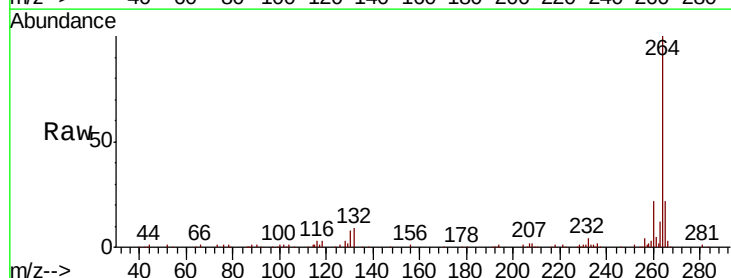
Tgt Ion:264 Resp: 205409

Ion Ratio Lower Upper

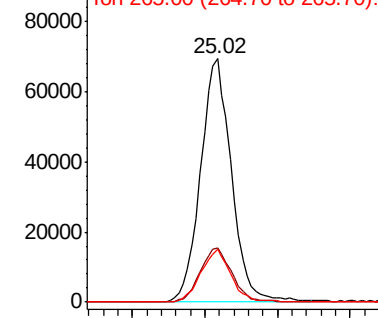
264 100

260 22.0 18.9 28.3

265 21.6 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



Time-->

