

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
 Data File : BG038720.D
 Acq On : 19 Dec 2018 9:09
 Operator : JU/SJ
 Sample : J6398-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 19 10:12:39 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

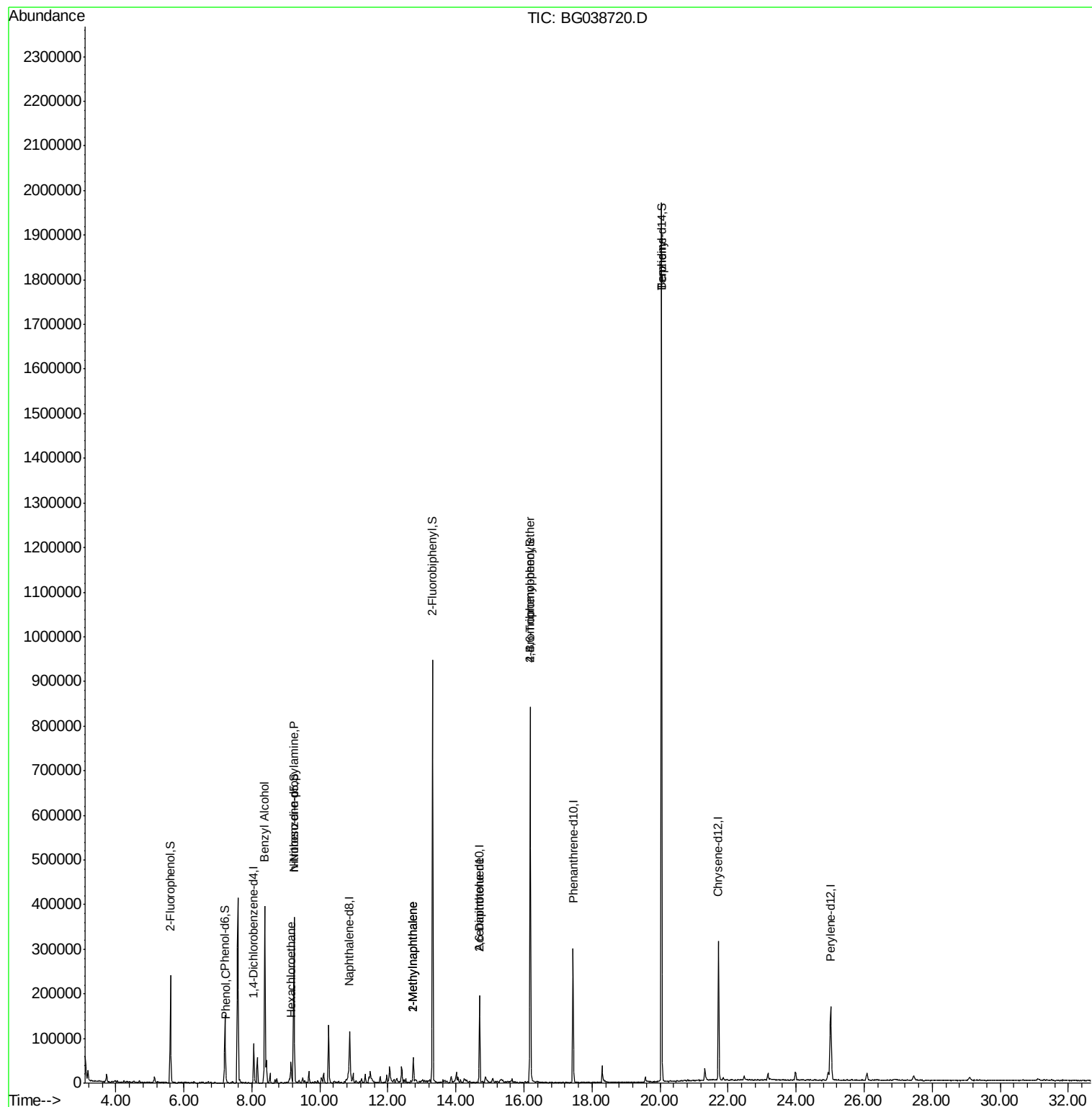
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24816	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	97771	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	71110	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	187051	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197678	20.00	ng	0.00
87) Perylene-d12	25.02	264	211493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	101758	72.73	ng	0.00
7) Phenol-d6	7.21	99	88657	46.16	ng	0.00
23) Nitrobenzene-d5	9.23	82	194117	101.43	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	174109	177.66	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	500505	96.56	ng	0.00
79) Terphenyl-d14	20.04	244	973303	107.16	ng	0.00
Target Compounds						
10) Phenol	7.23	94	4535	2.222	ng	91
15) Benzyl Alcohol	8.37	79	3424	2.284	ng	# 44
18) Hexachloroethane	9.16	117	6807	9.501	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	26854	19.906	ng	# 74
37) 2-Methylnaphthalene	12.74	142	24143	7.025	ng	94
38) 1-Methylnaphthalene	12.74	142	24143	7.240	ng	# 94
51) 2,6-Dinitrotoluene	14.69	165	9111	6.923	ng	# 22
67) 4-Bromophenyl-phenylether	16.18	248	11414	4.996	ng	# 1
77) Benzidine	20.04	184	16919	2.894	ng	# 95

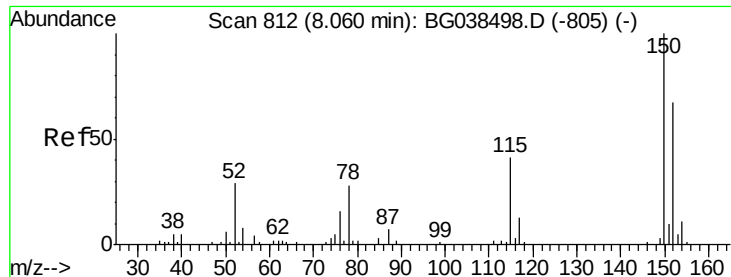
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121818\
Data File : BG038720.D
Acq On : 19 Dec 2018 9:09
Operator : JU/SJ
Sample : J6398-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Dec 19 10:12:39 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



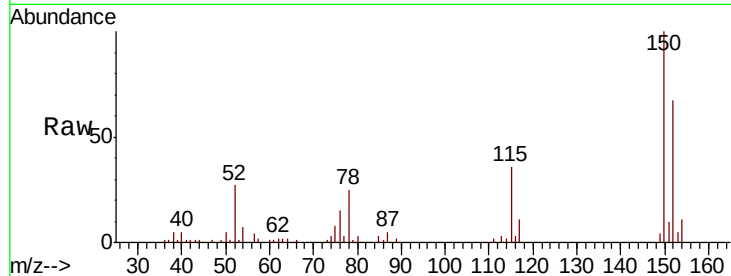


#1

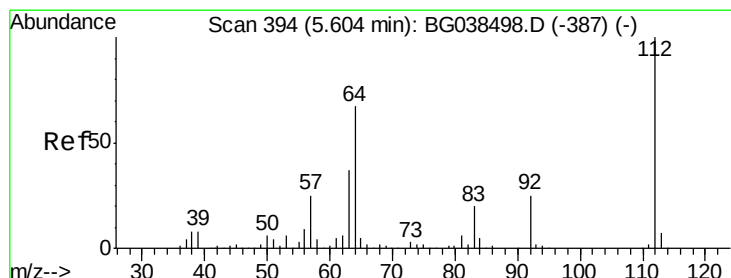
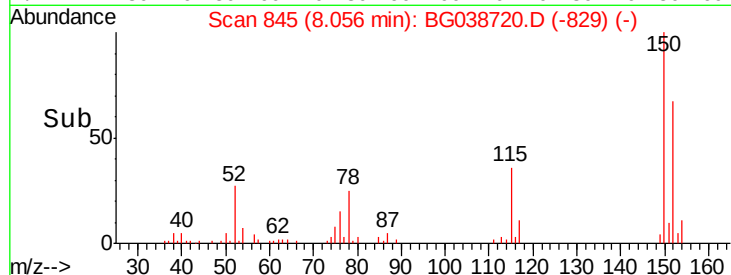
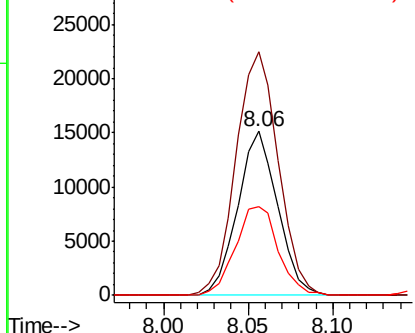
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 24816
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 54.0 49.6 74.4



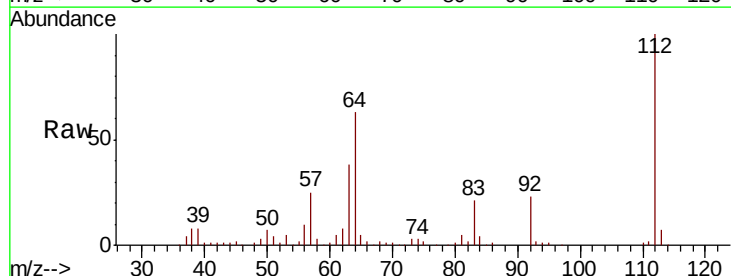
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



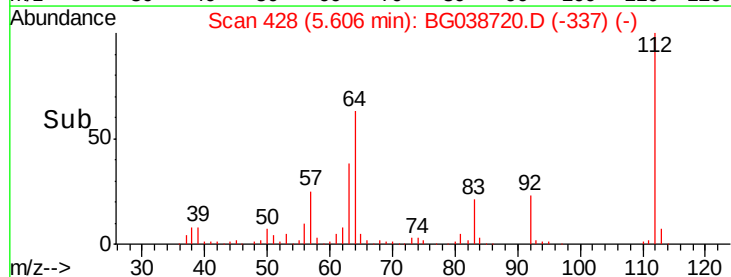
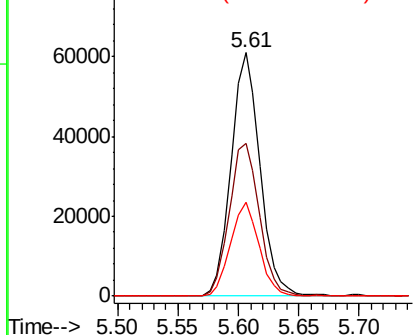
#5

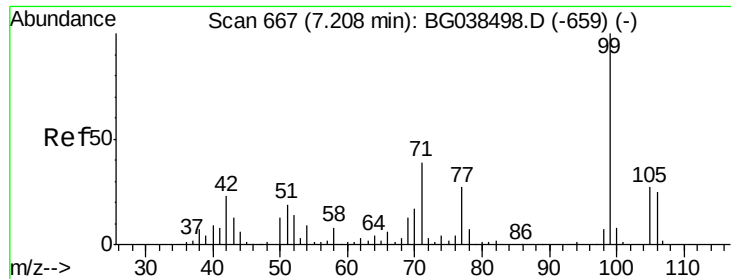
2-Fluorophenol
Concen: 72.729 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Tgt Ion:112 Resp: 101758
Ion Ratio Lower Upper
112 100
64 62.5 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: 46.157 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

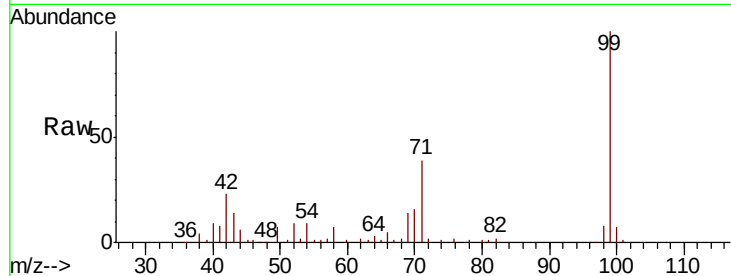
Tot Ion: 99 Resp: 88657

Ion Ratio Lower Upper

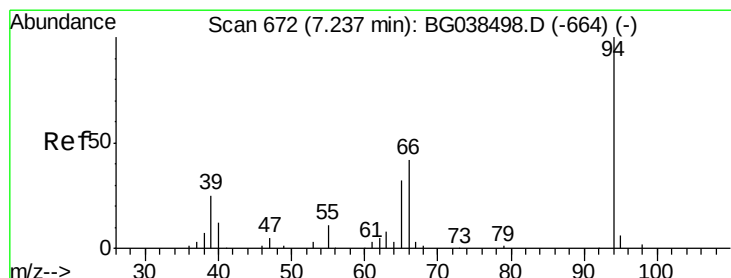
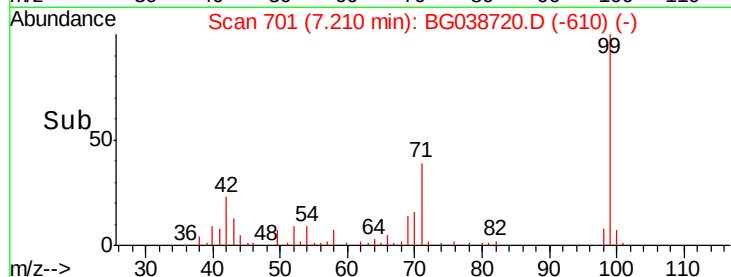
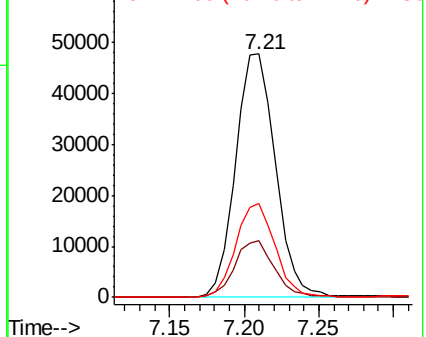
99 100

42 23.3 18.5 27.7

71 38.8 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: 2.222 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

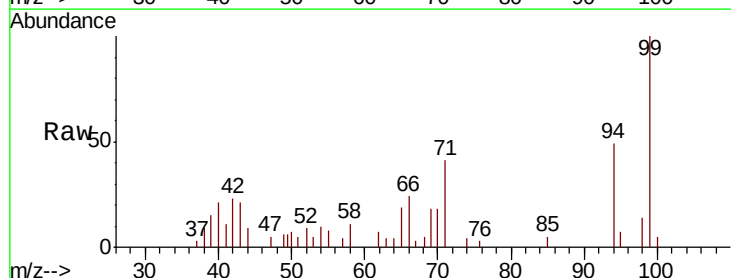
Tgt Ion: 94 Resp: 4535

Ion Ratio Lower Upper

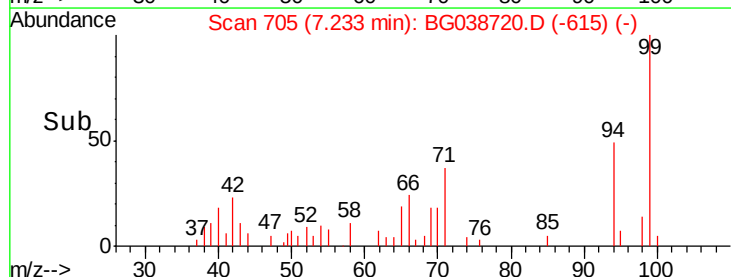
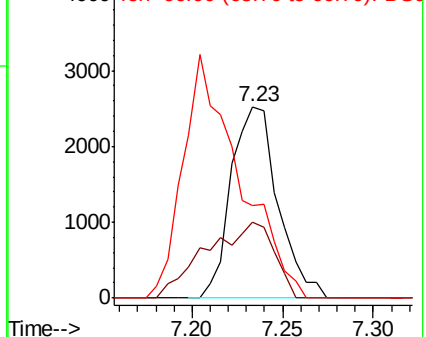
94 100

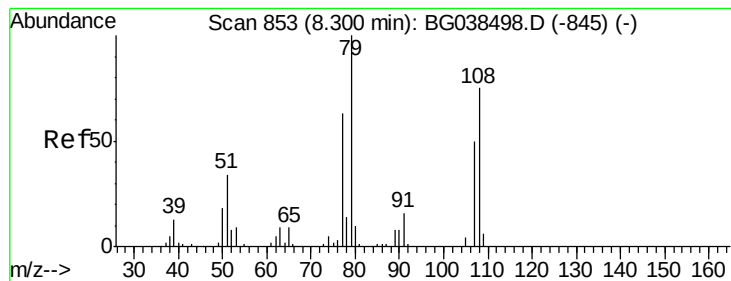
65 39.8 12.6 52.6

66 48.4 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





#15

Benzyl Alcohol

Concen: 2.284 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.07 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampled :

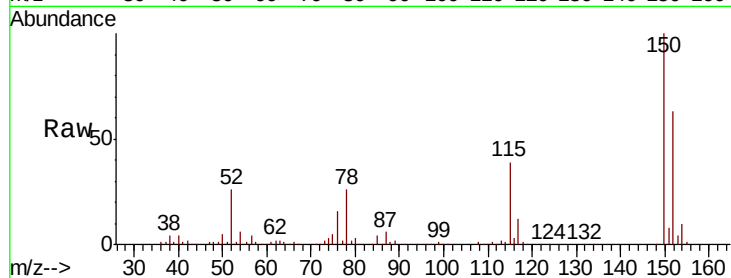
Tot Ion: 79 Resp: 3424

Ion Ratio Lower Upper

79 100

108 32.7 60.2 90.4#

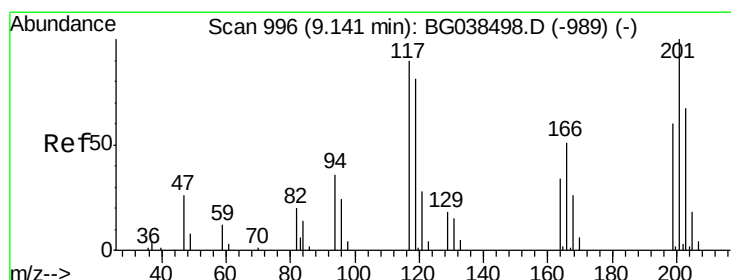
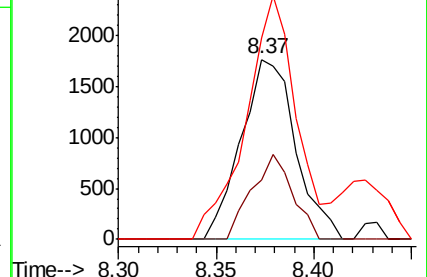
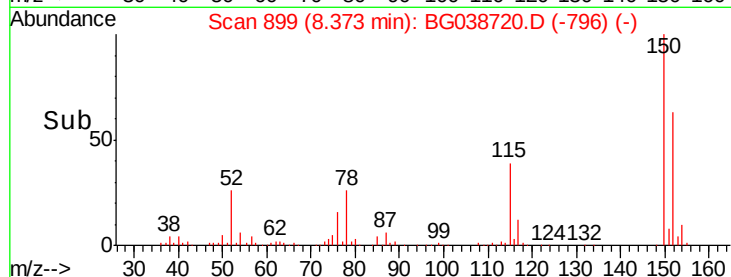
77 112.0 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BG038498.D (-845) (-)

Ion 108.00 (107.70 to 108.70): BG038498.D (-845) (-)

Ion 77.00 (76.70 to 77.70): BG038498.D (-845) (-)



#18

Hexachloroethane

Concen: 9.501 ng

RT: 9.16 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

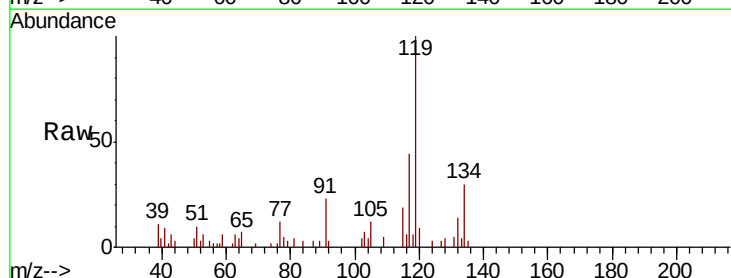
Tgt Ion: 117 Resp: 6807

Ion Ratio Lower Upper

117 100

119 228.0 73.8 110.8#

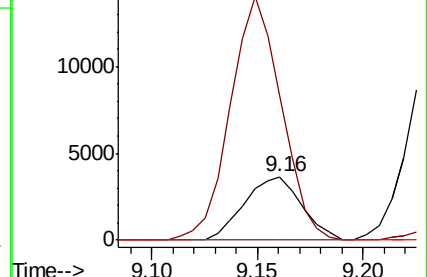
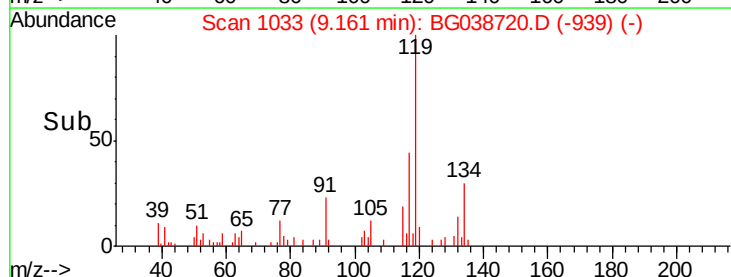
201 0.0 89.4 134.0#

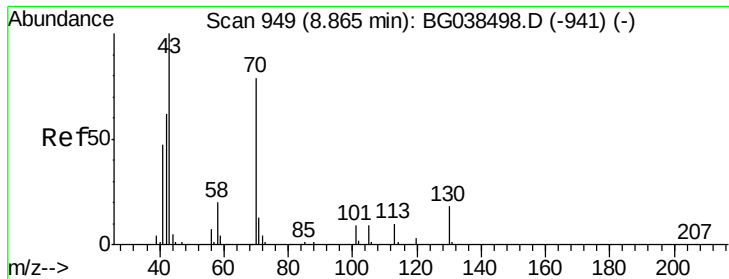


Abundance Ion 117.00 (116.70 to 117.70): BG038498.D (-989) (-)

Ion 119.00 (118.70 to 119.70): BG038498.D (-989) (-)

Ion 201.00 (200.70 to 201.70): BG038498.D (-989) (-)





#19

n-Nitroso-di-n-propylamine

Concen: 19.906 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.37 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 26854

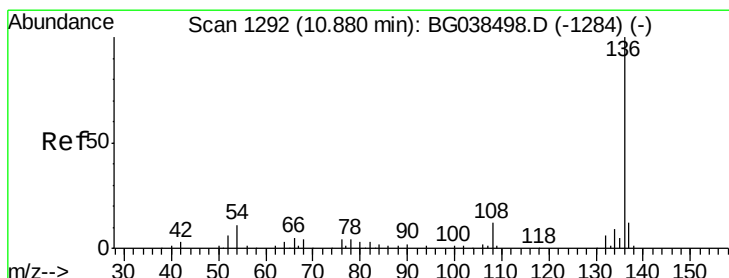
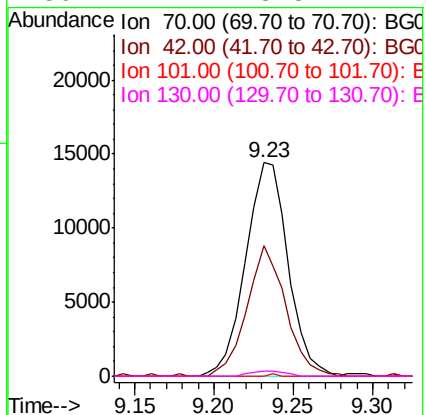
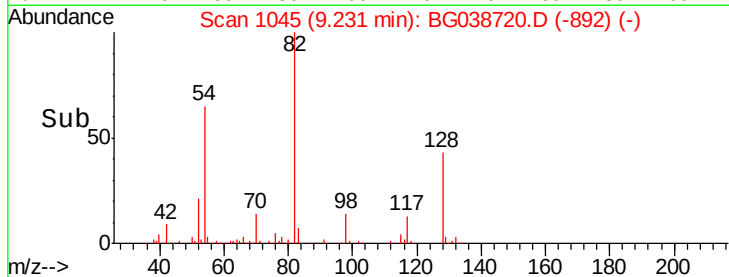
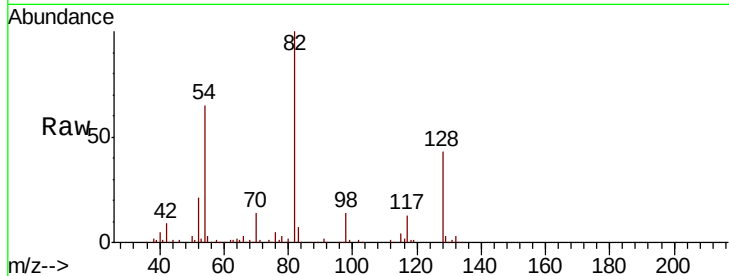
Ion Ratio Lower Upper

70 100

42 61.2 63.6 95.4#

101 0.0 9.2 13.8#

130 2.1 18.5 27.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Tgt Ion: 136 Resp: 97771

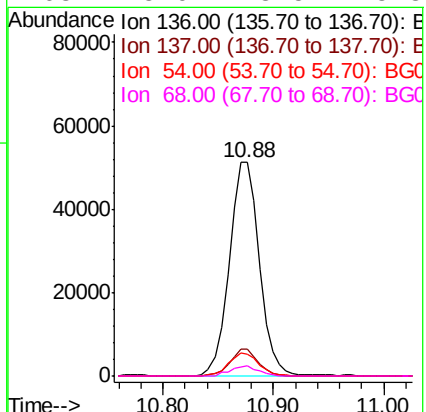
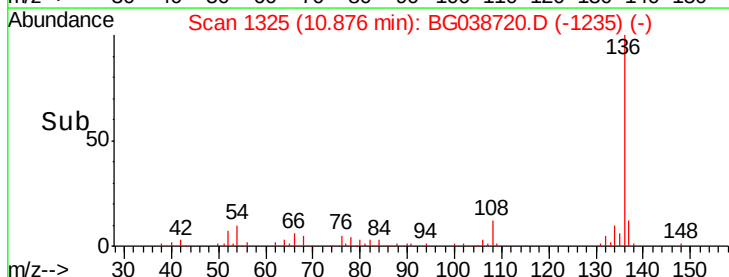
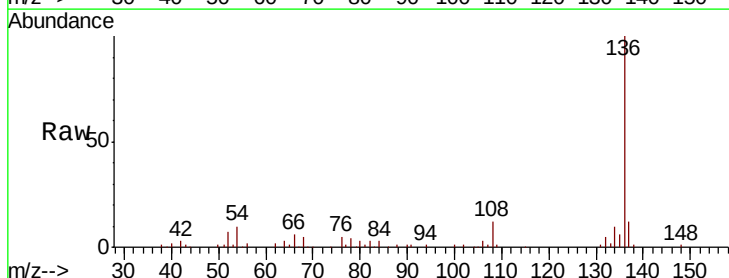
Ion Ratio Lower Upper

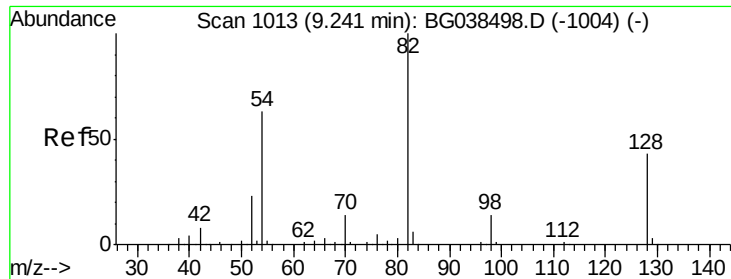
136 100

137 12.3 9.3 13.9

54 10.1 8.5 12.7

68 5.0 3.5 5.3

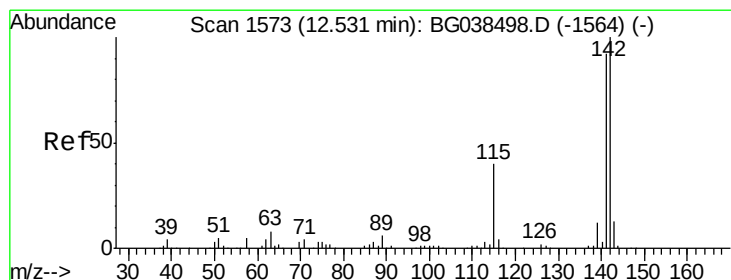
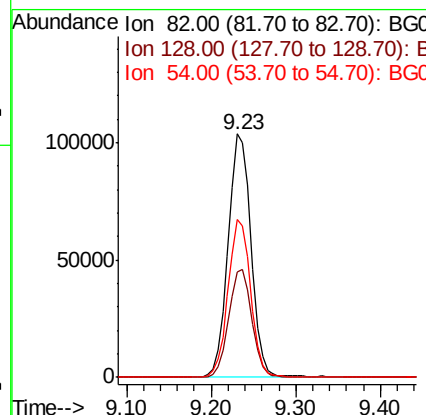
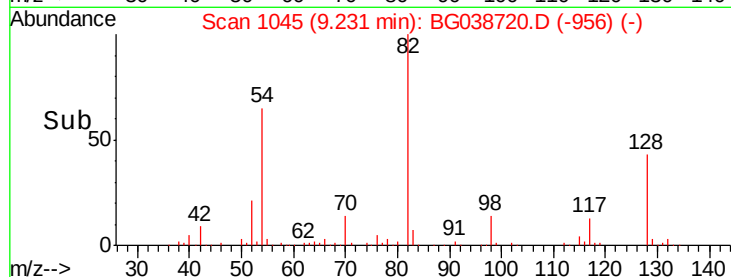
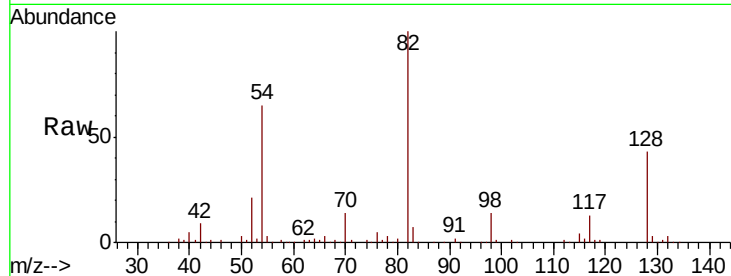




#23
 Nitrobenzene-d5
 Concen: 101.430 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

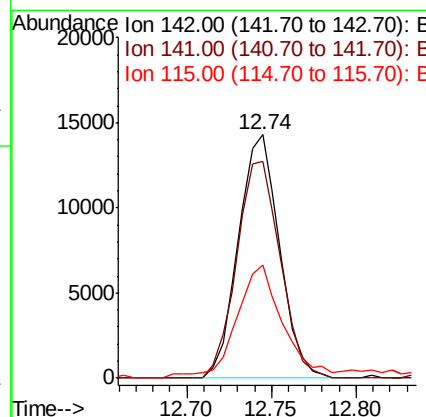
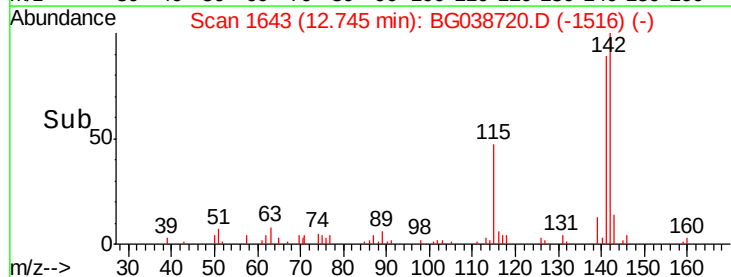
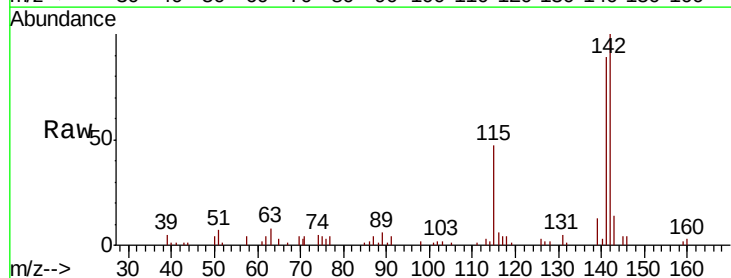
Instrument :
 BNA_G
 ClientSampleId :

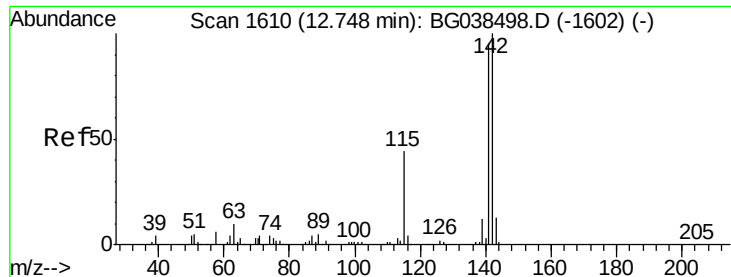
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	64.7	50.6	76.0



#37
 2-Methylnaphthalene
 Concen: 7.025 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. 0.21 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.5	110.3
115	46.6	31.7	47.5

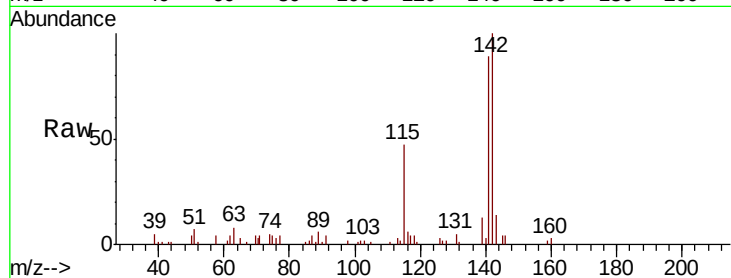




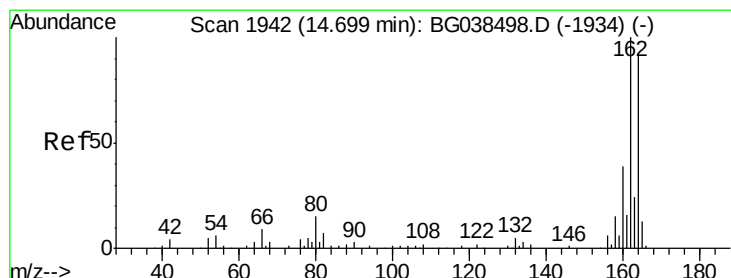
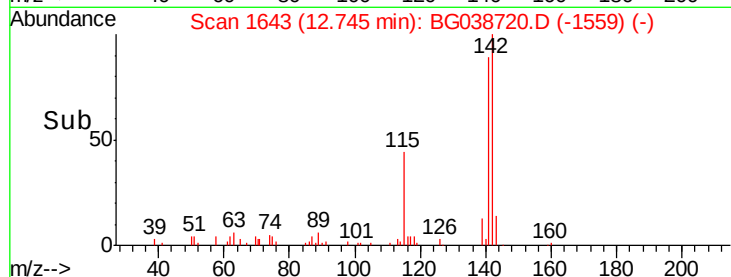
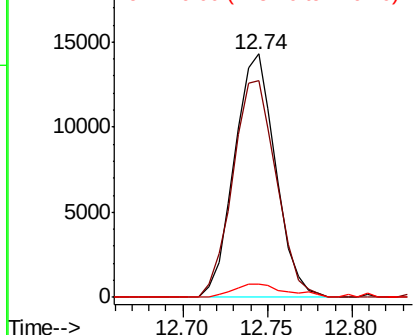
#38
1-Methylnaphthalene
Concen: 7.240 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 24143
Ion Ratio Lower Upper
142 100
141 89.0 75.8 113.8
116 5.6 3.6 5.4#

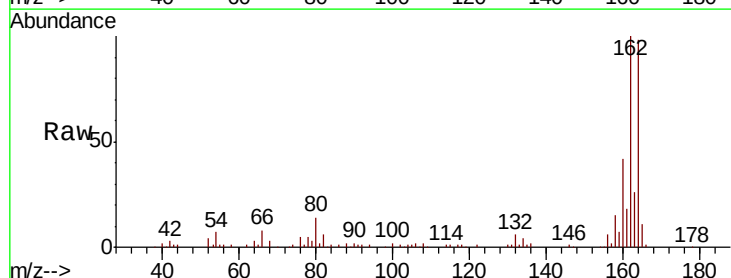


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

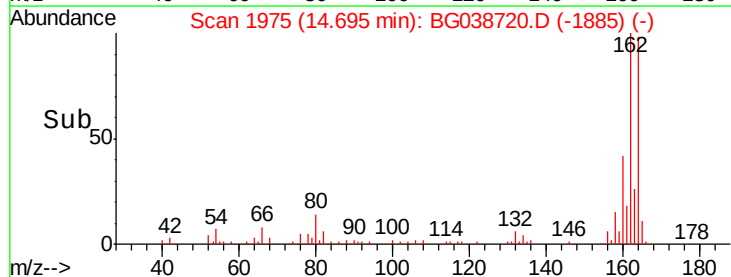
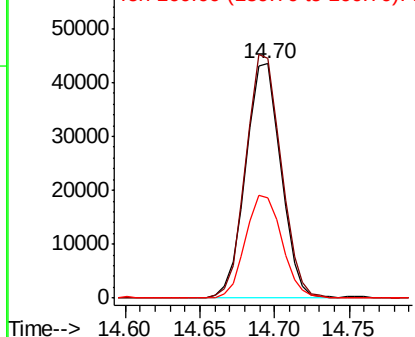


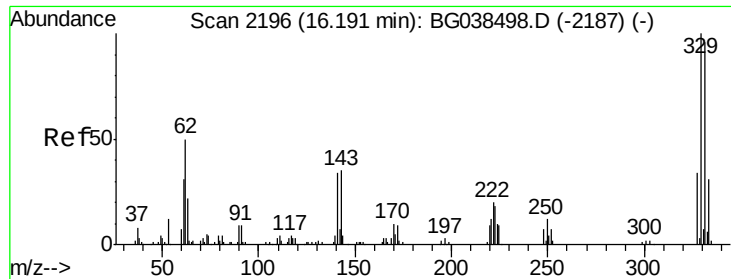
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038720.D
Acq: 19 Dec 2018 9:09

Tgt Ion:164 Resp: 71110
Ion Ratio Lower Upper
164 100
162 102.2 86.6 130.0
160 42.6 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

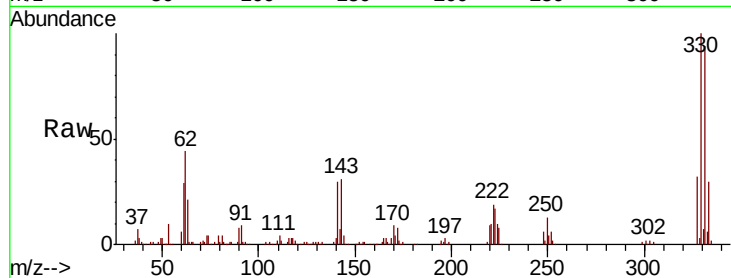




#42
 2,4,6-Tribromophenol
 Concen: 177.658 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	34.1	28.8	43.2

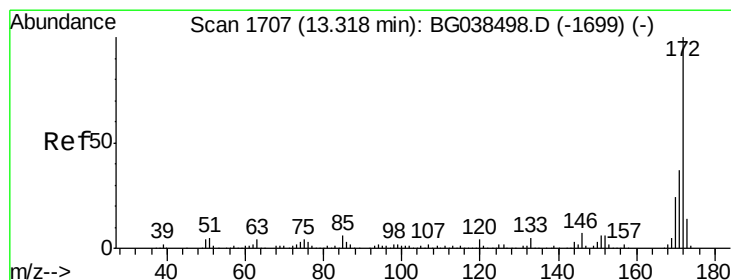
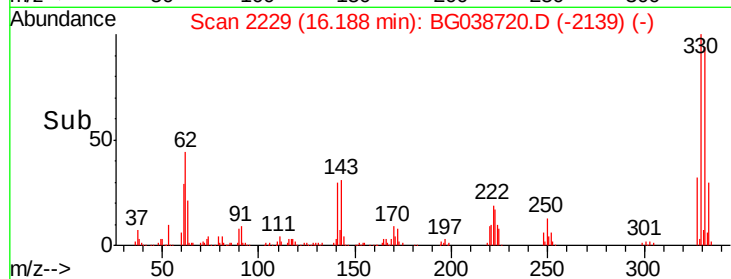
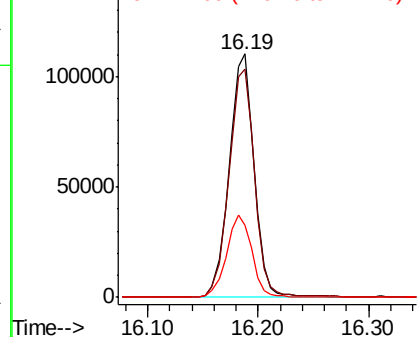


Abundance

Ion 329.80 (329.50 to 330.50): E

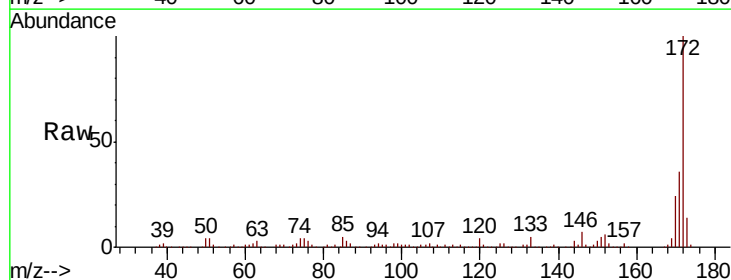
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 96.557 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.2	19.5	29.3

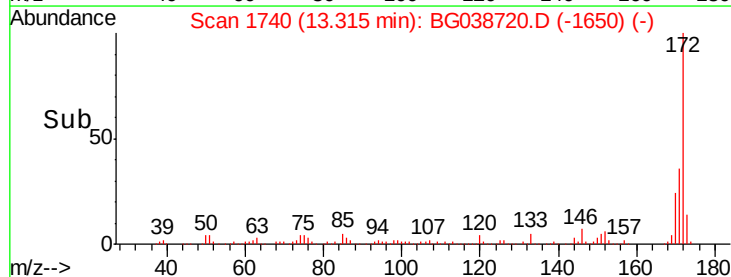
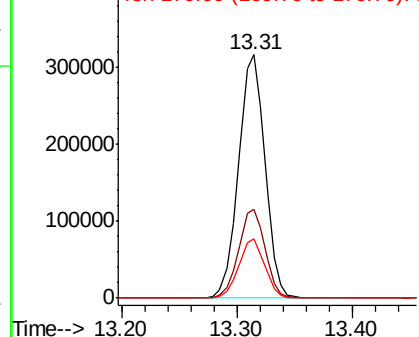


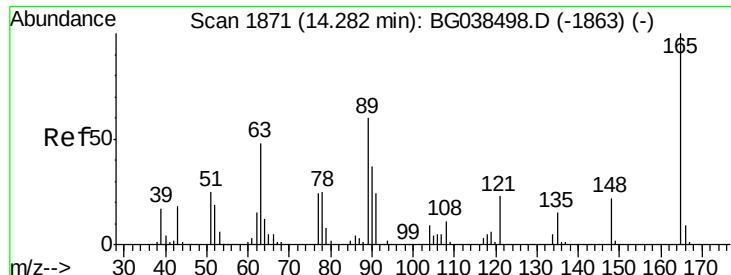
Abundance

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

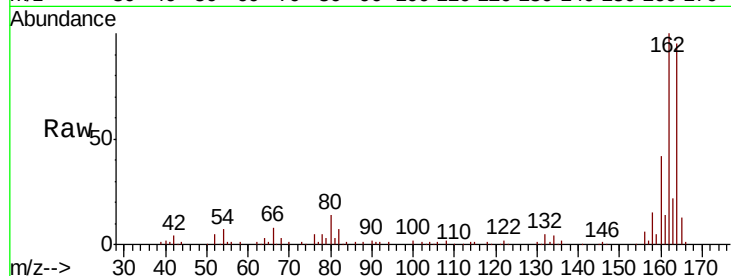




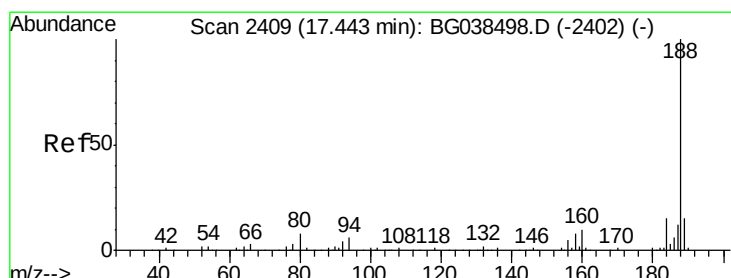
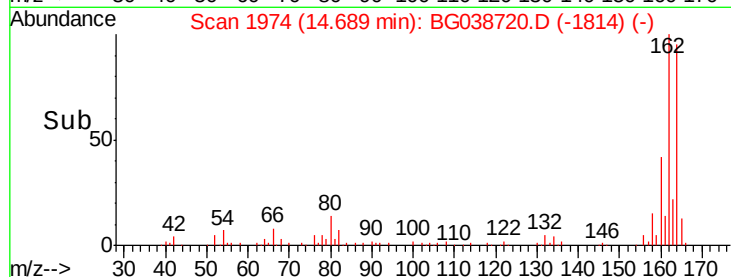
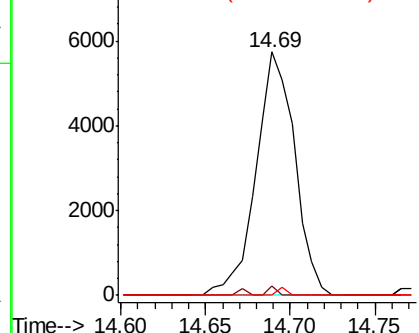
#51
 2,6-Dinitrotoluene
 Concen: 6.923 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. 0.41 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.8	51.8	77.6#
89	0.0	47.9	71.9#

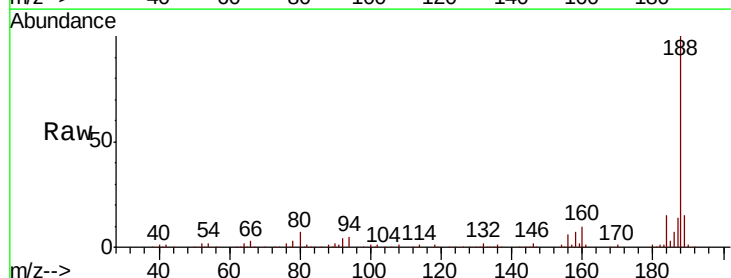


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

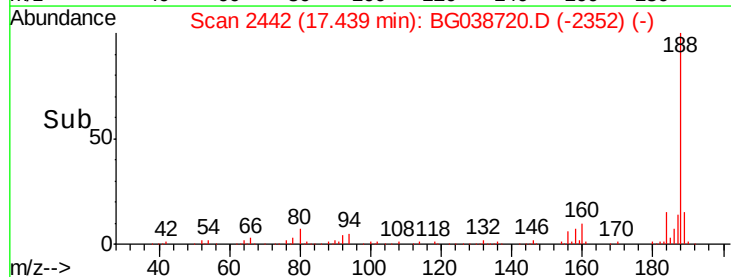
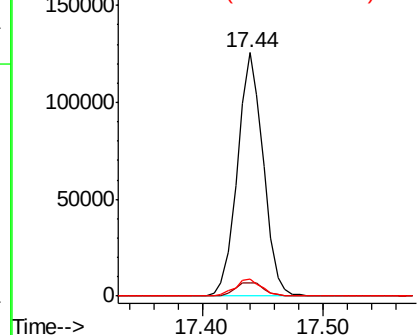


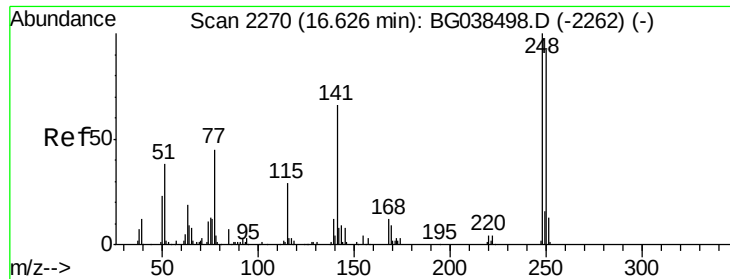
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.4	5.1	7.7
80	7.1	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

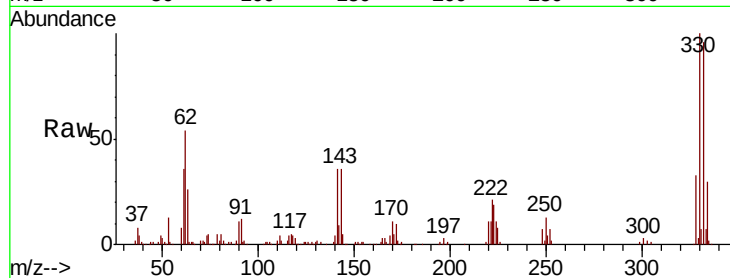




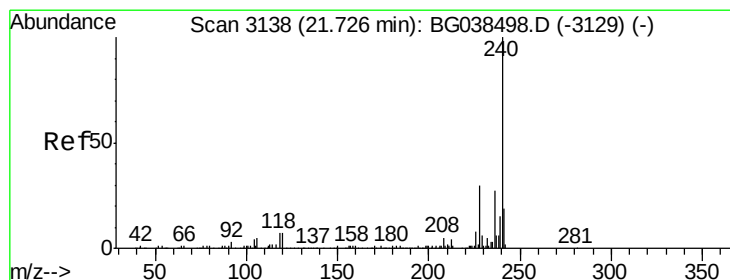
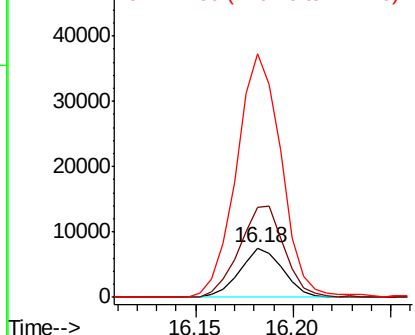
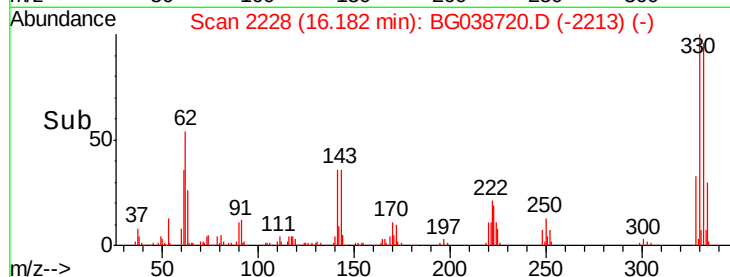
#67
 4-Bromophenyl-phenylether
 Concen: 4.996 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.44 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 11414
 Ion Ratio Lower Upper
 248 100
 250 236.8 73.4 110.2#
 141 494.0 52.9 79.3#

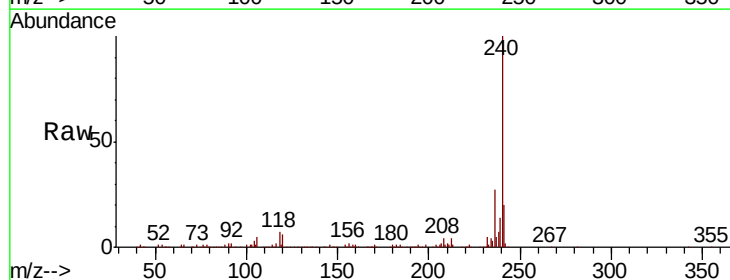


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

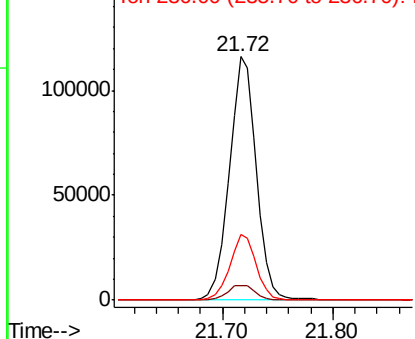
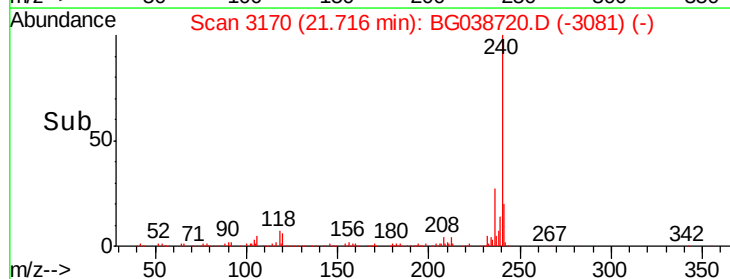


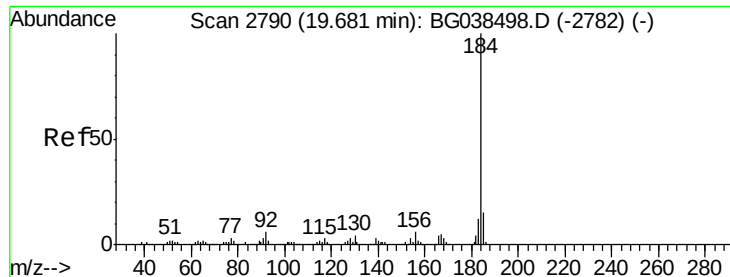
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3170
 Delta R.T. -0.01 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Tgt Ion:240 Resp: 197678
 Ion Ratio Lower Upper
 240 100
 120 6.1 5.3 7.9
 236 26.9 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





#77

Benzidine

Concen: 2.894 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

Instrument :

BNA_G

ClientSampleId :

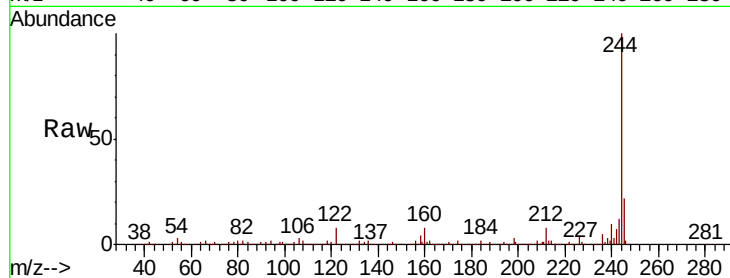
Tot Ion:184 Resp: 16919

Ion Ratio Lower Upper

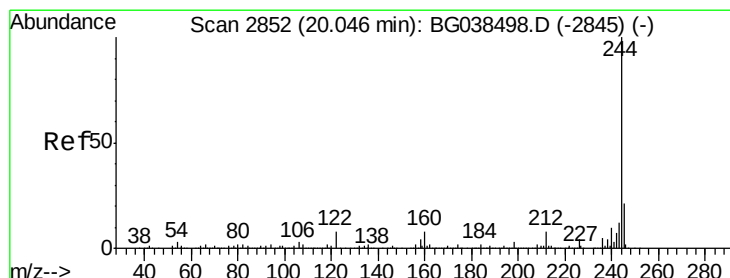
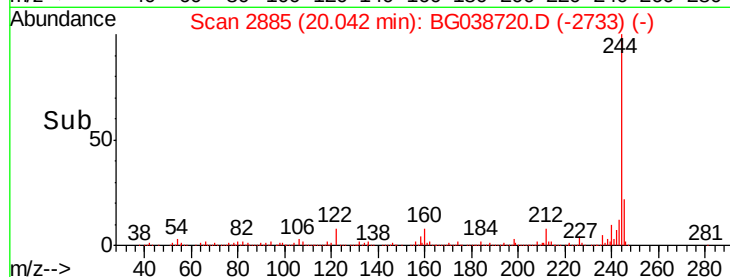
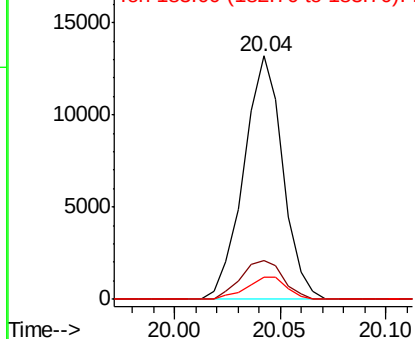
184 100

185 16.0 12.2 18.2

183 9.0 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 107.156 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038720.D

Acq: 19 Dec 2018 9:09

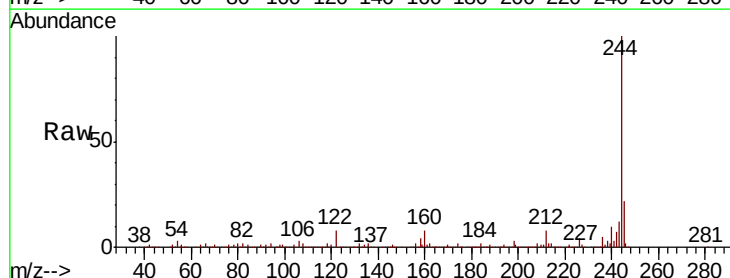
Tgt Ion:244 Resp: 973303

Ion Ratio Lower Upper

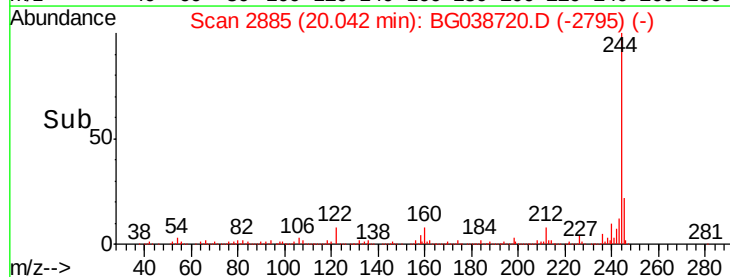
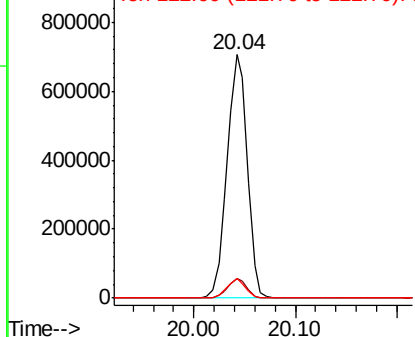
244 100

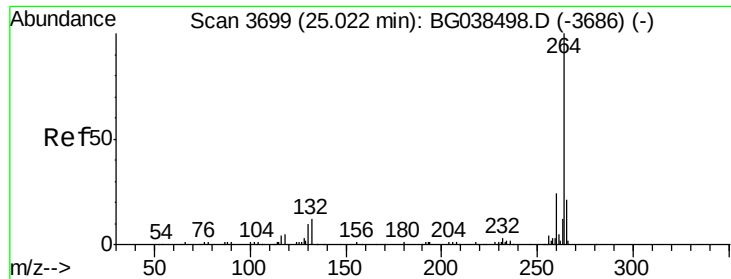
212 8.1 6.2 9.2

122 7.8 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3732
 Delta R.T. -0.00 min
 Lab File: BG038720.D
 Acq: 19 Dec 2018 9:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	18.9	28.3
265	21.9	17.0	25.4

