

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038516.D
 Acq On : 13 Dec 2018 2:39
 Operator : JU/SJ
 Sample : J6331-31
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Dec 13 06:13:03 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	18669	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	81060	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	54997	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	153361	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169381	20.00	ng	0.00
87) Perylene-d12	25.01	264	180092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	140390	133.38	ng	0.00
7) Phenol-d6	7.21	99	195744	135.46	ng	0.00
23) Nitrobenzene-d5	9.23	82	126743	79.88	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	97107	128.12	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	303308	75.66	ng	0.00
79) Terphenyl-d14	20.04	244	637082	81.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	121	0.247	ng	# 12
4) n-Nitrosodimethylamine	3.84	42	74	0.112	ng	# 1
6) Aniline	7.59	93	69	0.037	ng	# 1
9) Benzaldehyde	7.21	77	277	0.296	ng	# 3
10) Phenol	7.24	94	9107	5.932	ng	# 96
11) bis(2-Chloroethyl)ether	7.59	93	69	0.056	ng	# 1
15) Benzyl Alcohol	8.38	79	2046	1.814	ng	# 60
19) n-Nitroso-di-n-propylamine	9.23	70	16495	16.253	ng	# 67
24) Nitrobenzene	9.25	77	422	0.263	ng	# 39
25) Isophorone	9.38	82	251	0.088	ng	# 64
46) 1,1'-Biphenyl	13.53	154	401	0.087	ng	# 92
48) 2-Nitroaniline	14.15	65	250	0.220	ng	# 1
50) Dimethylphthalate	14.14	163	36777	8.189	ng	# 96
51) 2,6-Dinitrotoluene	14.14	165	406	0.399	ng	# 6
57) 2,4-Dinitrotoluene	14.69	165	7151	4.988	ng	# 21
58) Fluorene	16.18	166	3035	0.751	ng	# 66
63) Azobenzene	16.18	77	505	0.123	ng	# 28
65) 4,6-Dinitro-2-methylphenol	16.18	198	202	0.185	ng	# 79
66) n-Nitrosodiphenylamine	16.18	169	3395	0.753	ng	# 48
67) 4-Bromophenyl-phenylether	16.18	248	6289	3.358	ng	# 1
71) Phenanthrene	17.48	178	108	0.014	ng	# 60
72) Anthracene	17.48	178	108	0.014	ng	# 60
74) Di-n-butylphthalate	18.38	149	239	0.027	ng	# 77
75) Fluoranthene	19.50	202	418	0.042	ng	# 64
77) Benzidine	20.04	184	11149	2.226	ng	# 95
78) Pyrene	19.86	202	473	0.042	ng	# 57
81) Benzo(a)anthracene	21.72	228	859	0.083	ng	# 51
83) Chrysene	21.78	228	56	0.006	ng	# 48
84) Bis(2-ethylhexyl)phthalate	21.57	149	601	0.097	ng	# 53
85) Di-n-octyl phthalate	22.88	149	67	0.006	ng	# 1
88) Benzo(b)fluoranthene	23.97	252	132	0.013	ng	# 59
89) Benzo(k)fluoranthene	24.05	252	59	0.006	ng	# 58
90) Benzo(a)pyrene	24.86	252	80	0.008	ng	# 60
92) Benzo(g,h,i)perylene	29.97	276	70	0.007	ng	# 56

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

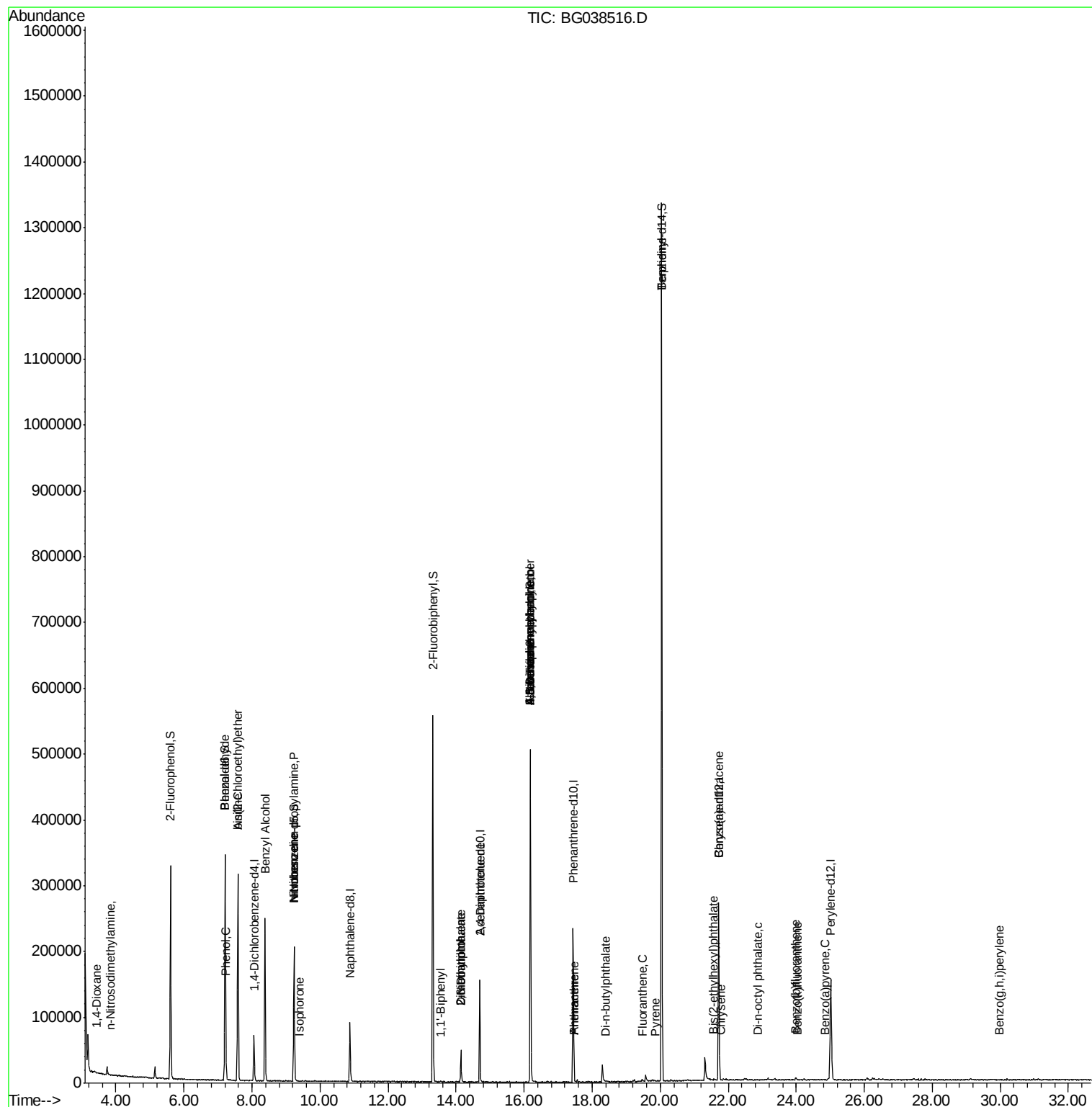
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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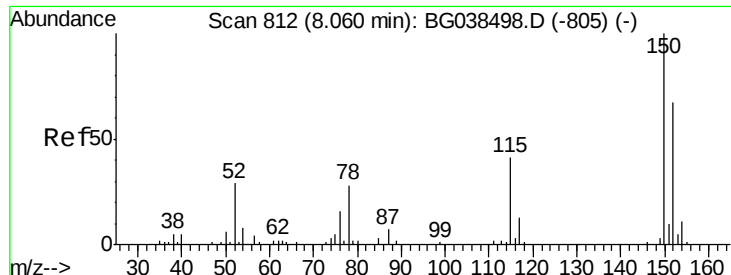
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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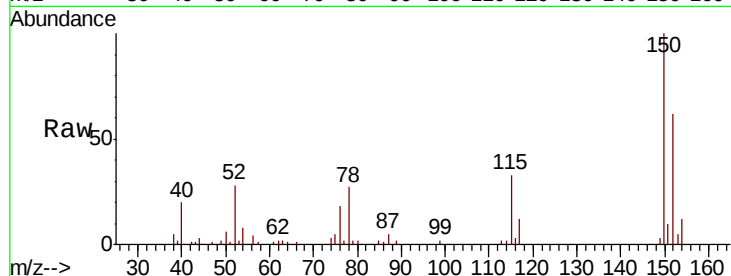




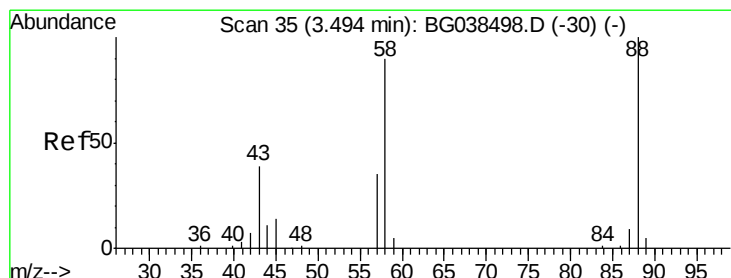
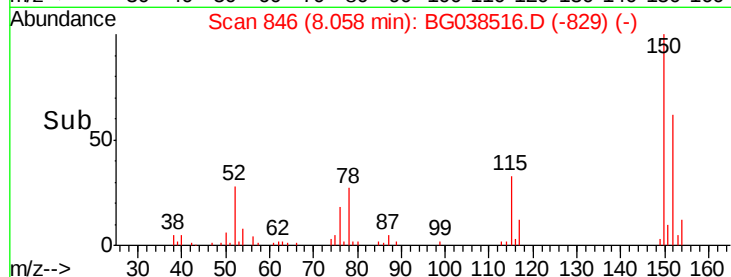
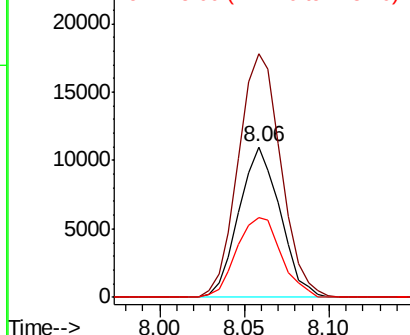
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:152 Resp: 18669
 Ion Ratio Lower Upper
 152 100
 150 161.4 119.5 179.3
 115 53.2 49.6 74.4

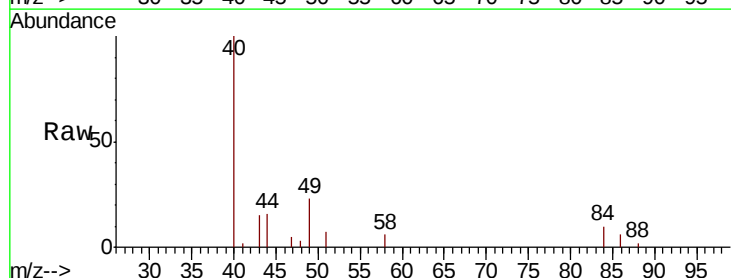


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

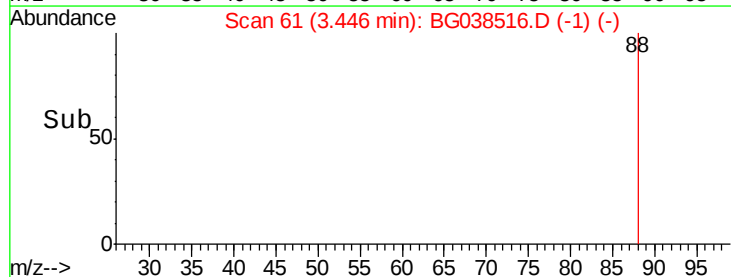
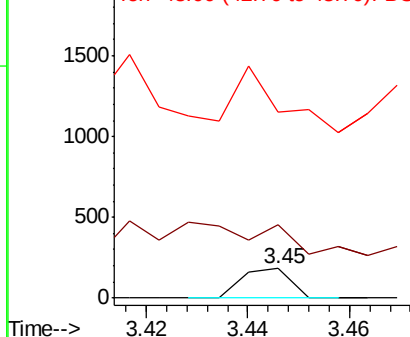


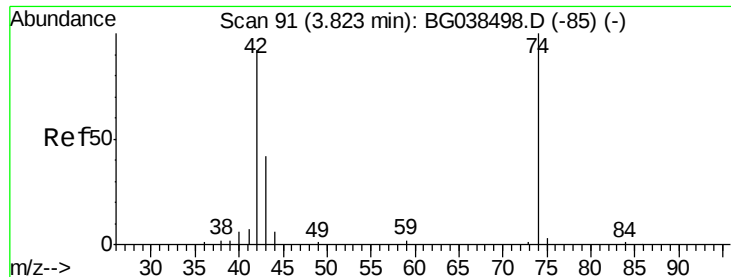
#2
 1,4-Dioxane
 Concen: 0.247 ng
 RT: 3.45 min Scan# 61
 Delta R.T. -0.05 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion: 88 Resp: 121
 Ion Ratio Lower Upper
 88 100
 58 0.0 75.7 113.5#
 43 0.0 31.6 47.4#



Abundance Ion 88.00 (87.70 to 88.70): BGC
 Ion 58.00 (57.70 to 58.70): BGC
 Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.112 ng

RT: 3.84 min Scan# 128

Delta R.T. 0.02 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

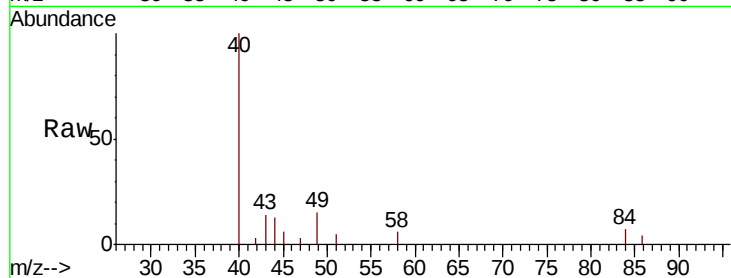
Tgt Ion: 42 Resp: 74

Ion Ratio Lower Upper

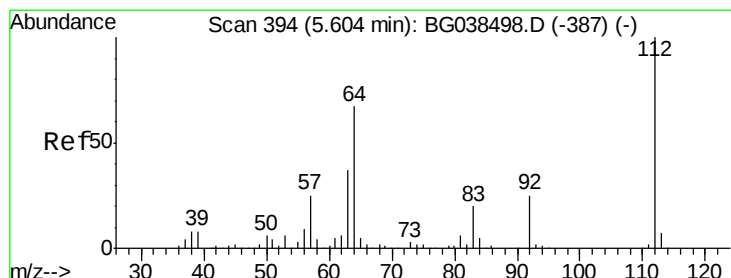
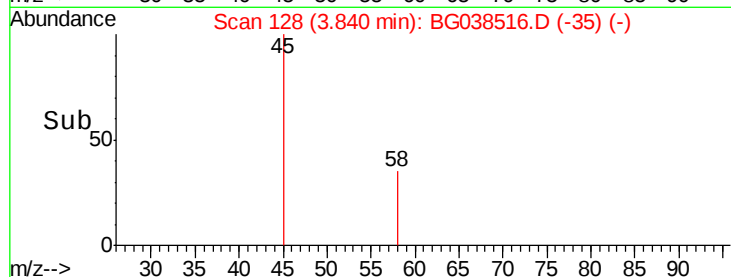
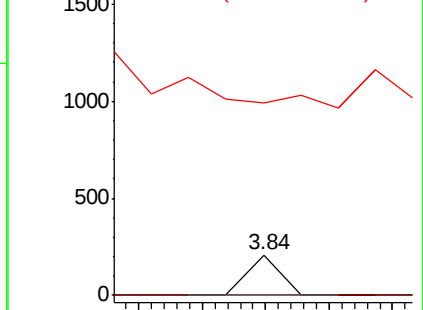
42 100

74 0.0 86.7 130.1#

44 475.6 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC



#5

2-Fluorophenol

Concen: 133.378 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

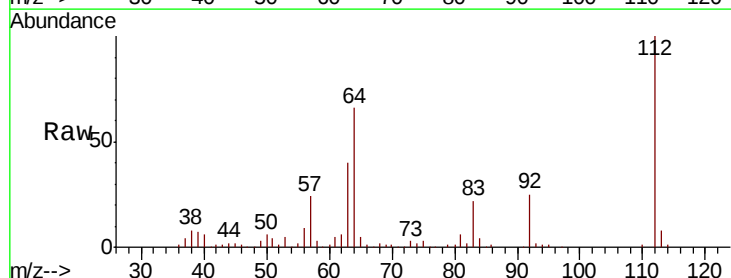
Tgt Ion: 112 Resp: 140390

Ion Ratio Lower Upper

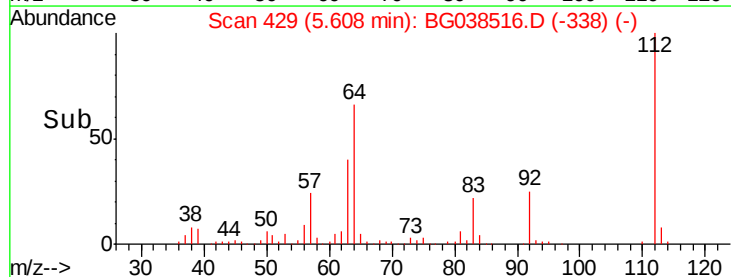
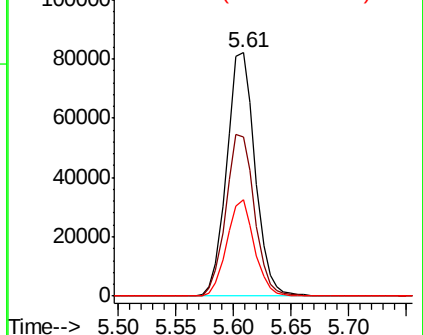
112 100

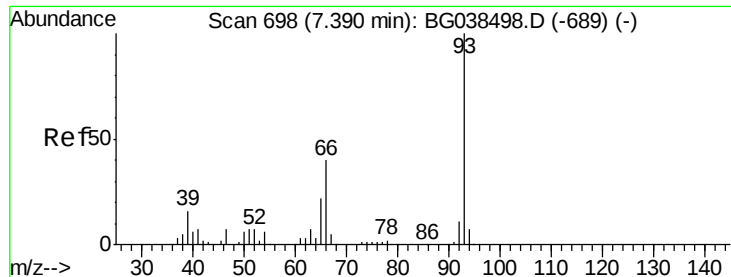
64 65.6 53.4 80.2

63 39.5 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#6

Aniline

Concen: 0.037 ng

RT: 7.59 min Scan# 767

Delta R.T. 0.20 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

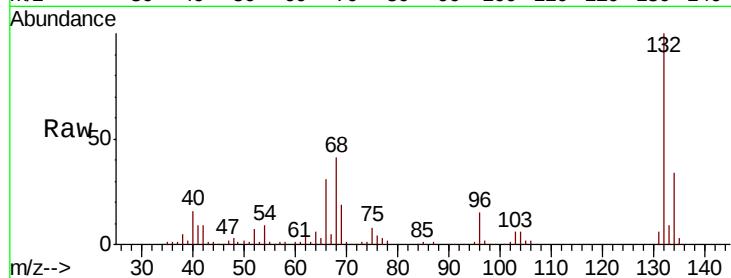
Tgt Ion: 93 Resp: 69

Ion Ratio Lower Upper

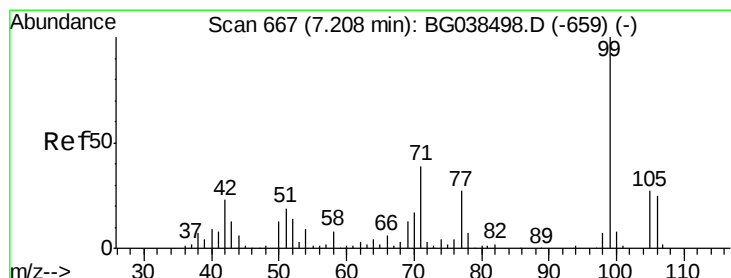
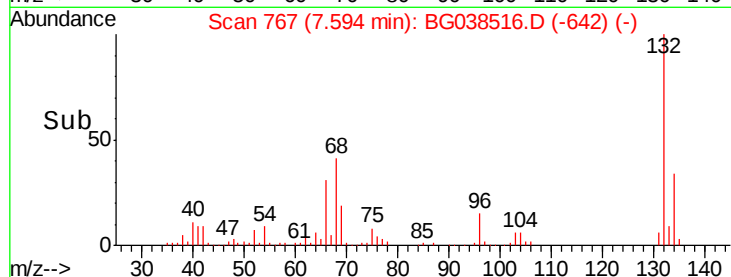
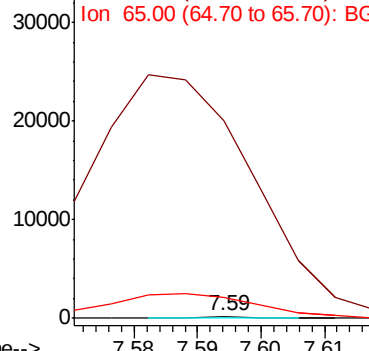
93 100

66 10168.5 31.7 47.5#

65 1102.5 17.8 26.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 135.465 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

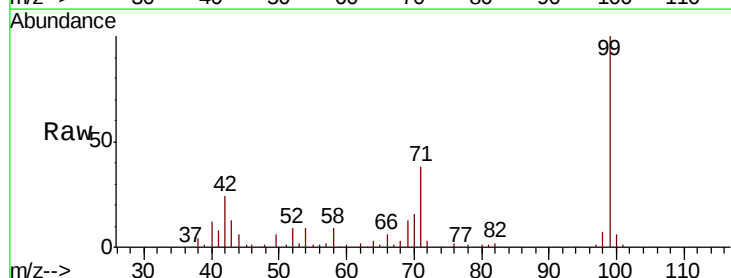
Tgt Ion: 99 Resp: 195744

Ion Ratio Lower Upper

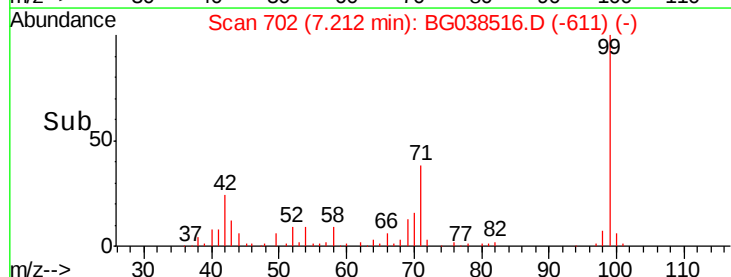
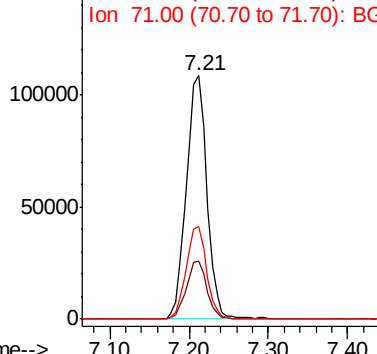
99 100

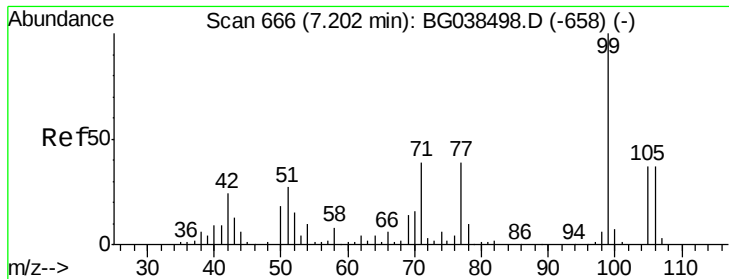
42 23.7 18.5 27.7

71 37.9 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

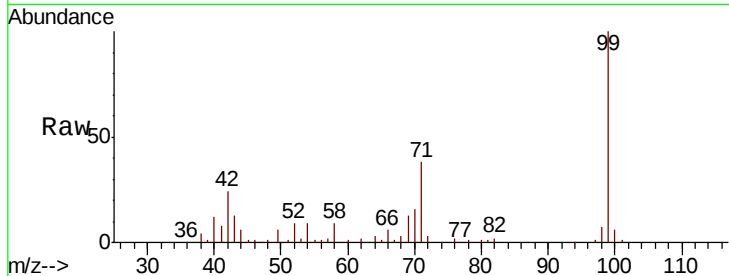




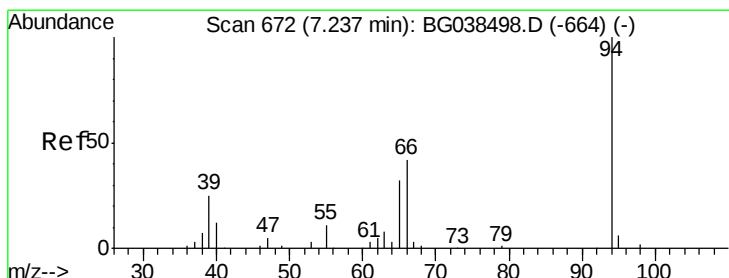
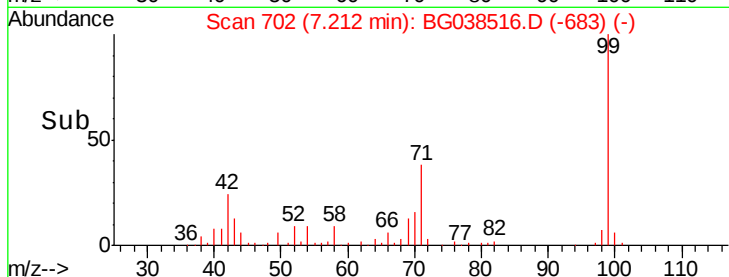
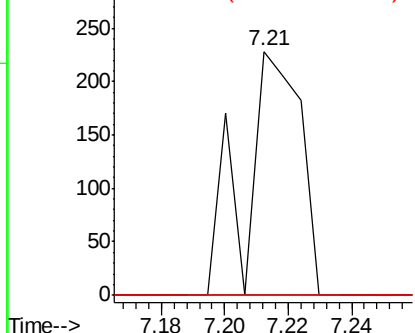
#9
Benzaldehyde
Concen: 0.296 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.01 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion: 77 Resp: 277
Ion Ratio Lower Upper
77 100
105 0.0 74.0 114.0#
106 0.0 73.9 113.9#

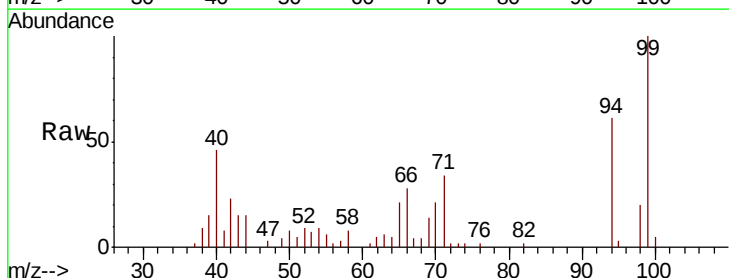


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC

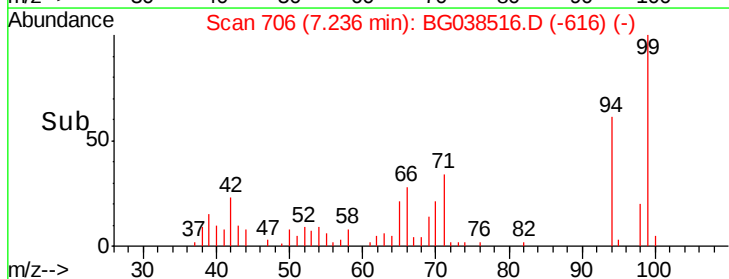
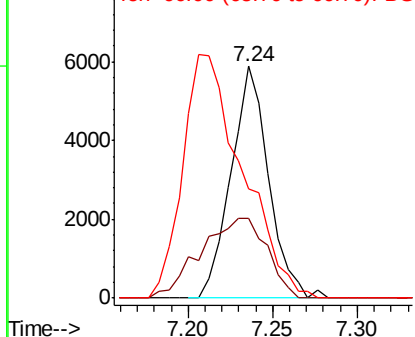


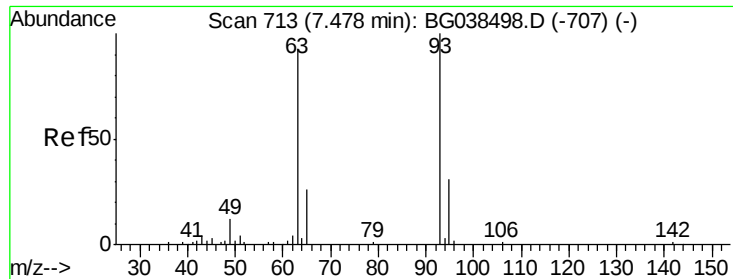
#10
Phenol
Concen: 5.932 ng
RT: 7.24 min Scan# 706
Delta R.T. -0.00 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion: 94 Resp: 9107
Ion Ratio Lower Upper
94 100
65 34.4 12.6 52.6
66 46.9 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

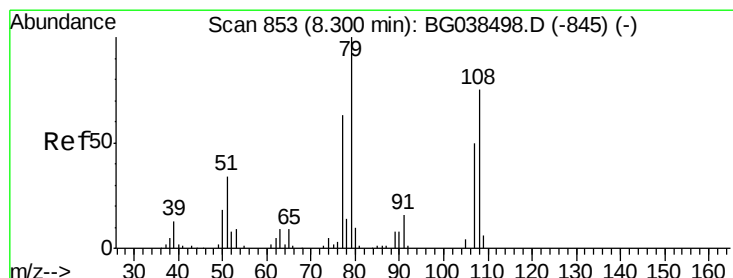
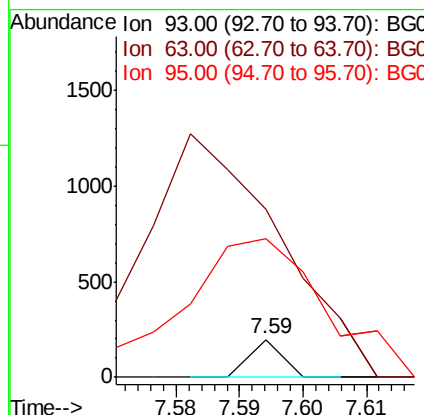
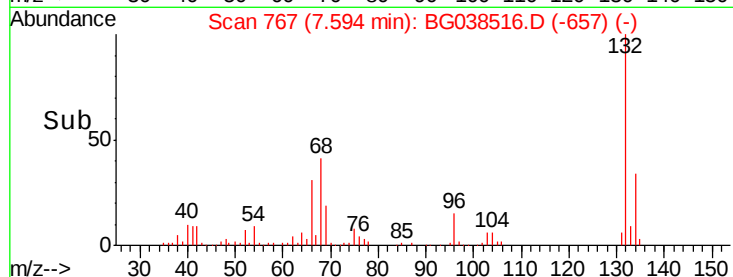
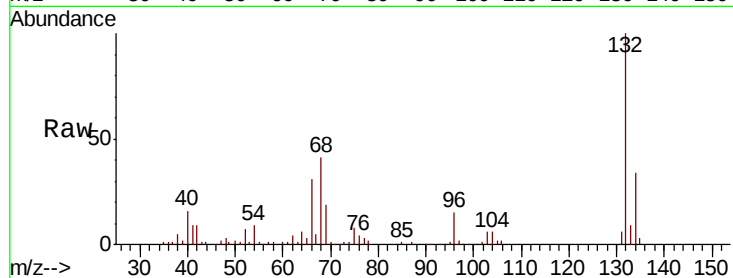




#11
 bis(2-Chloroethyl)ether
 Concen: 0.056 ng
 RT: 7.59 min Scan# 767
 Delta R.T. 0.12 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

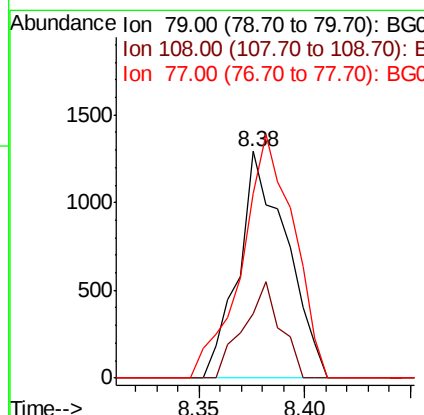
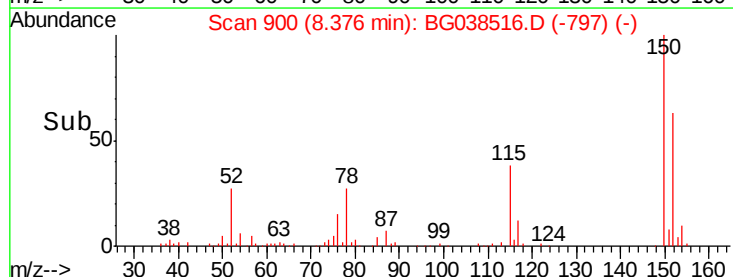
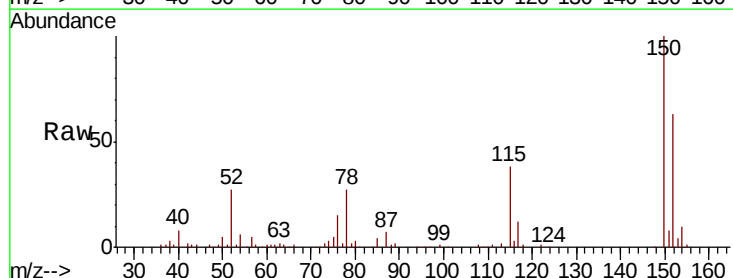
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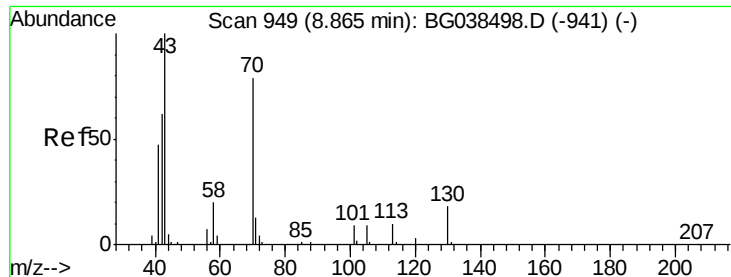
Tgt Ion: 93 Resp: 69
 Ion Ratio Lower Upper
 93 100
 63 446.2 72.2 112.2#
 95 368.0 11.2 51.2#



#15
 Benzyl Alcohol
 Concen: 1.814 ng
 RT: 8.38 min Scan# 900
 Delta R.T. 0.08 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion: 79 Resp: 2046
 Ion Ratio Lower Upper
 79 100
 108 28.3 60.2 90.4#
 77 81.4 50.7 76.1#

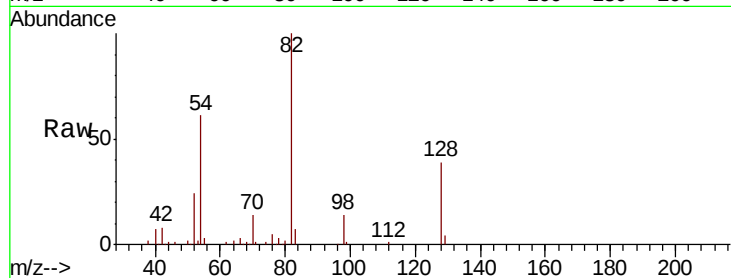




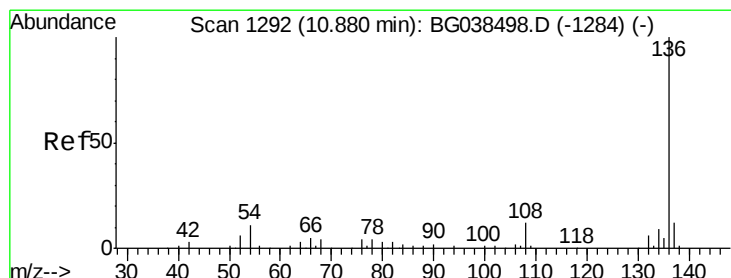
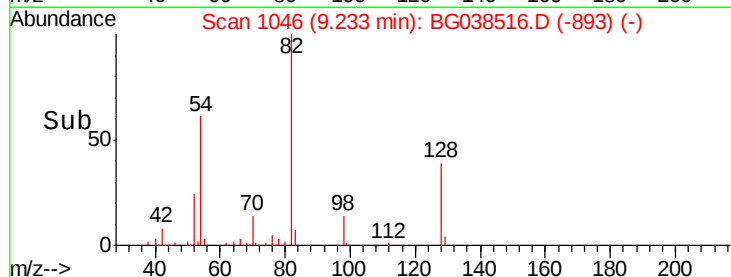
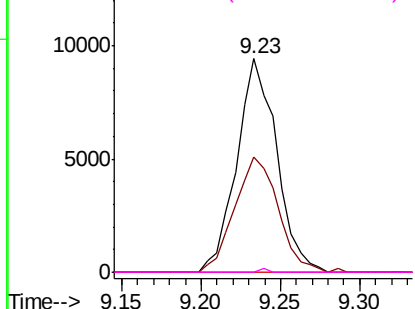
#19
n-Nitroso-di-n-propylamine
Concen: 16.253 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Instrument :
BNA_G
ClientSampled :
TP-6

Tgt Ion: 70 Resp: 16495
Ion Ratio Lower Upper
70 100
42 53.7 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#

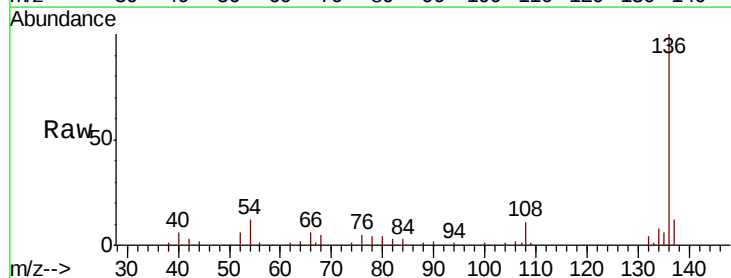


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

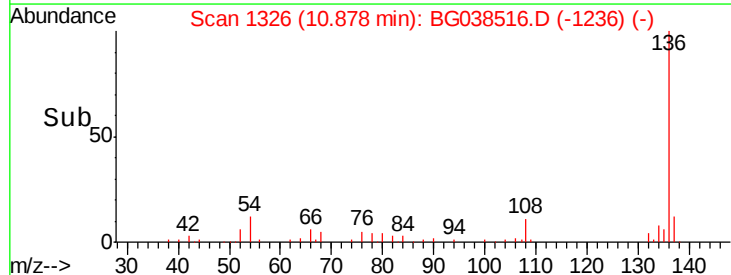
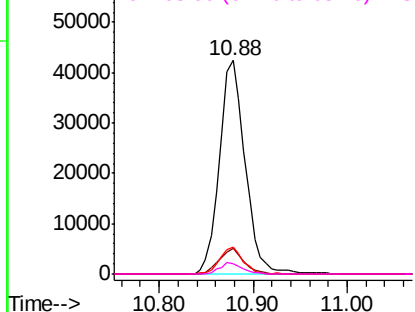


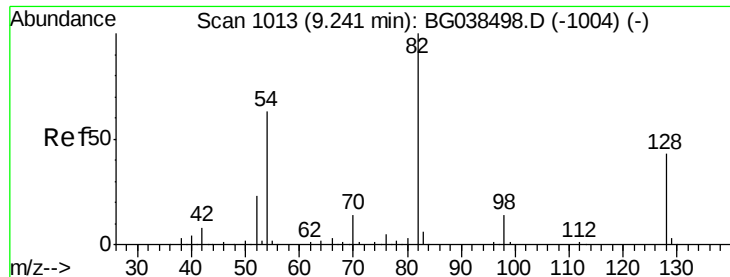
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion: 136 Resp: 81060
Ion Ratio Lower Upper
136 100
137 12.1 9.3 13.9
54 12.3 8.5 12.7
68 4.8 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

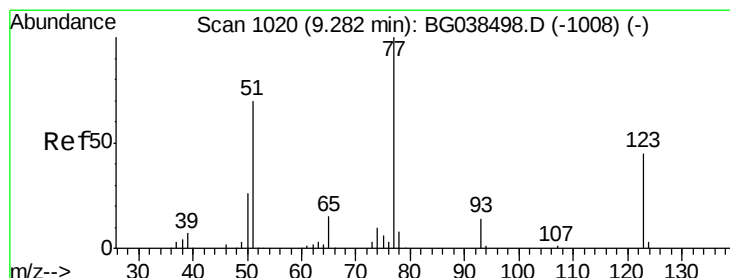
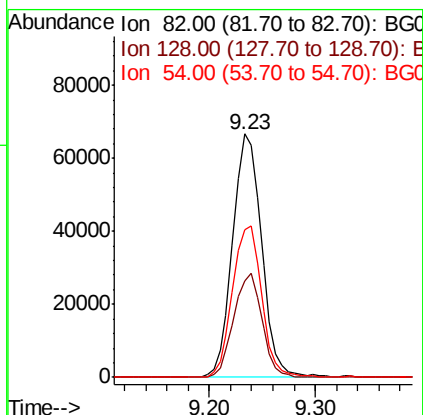
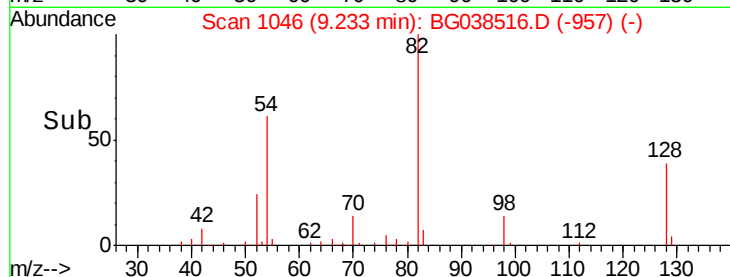
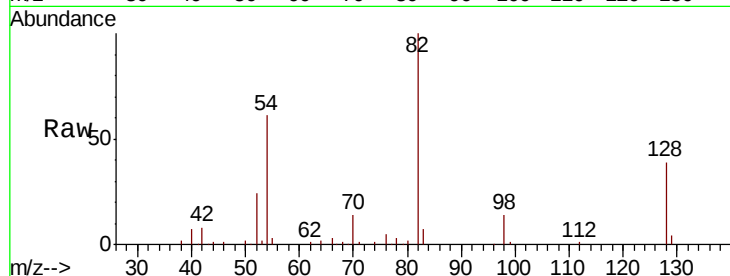




#23
Nitrobenzene-d5
Concen: 79.878 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

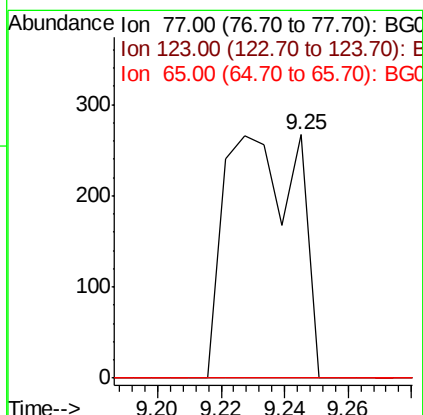
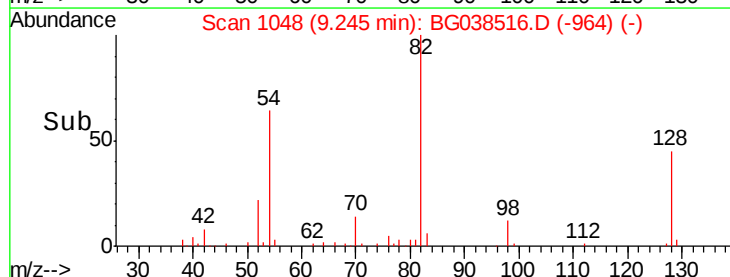
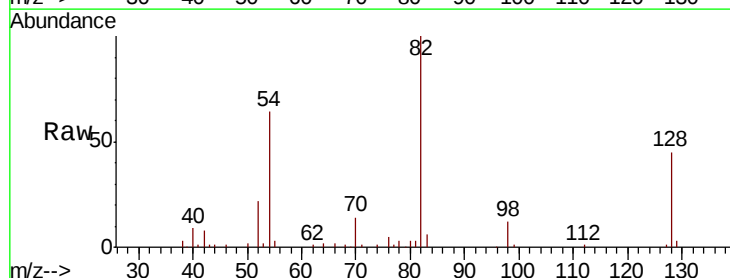
Instrument :
BNA_G
ClientSampleId :
TP-6

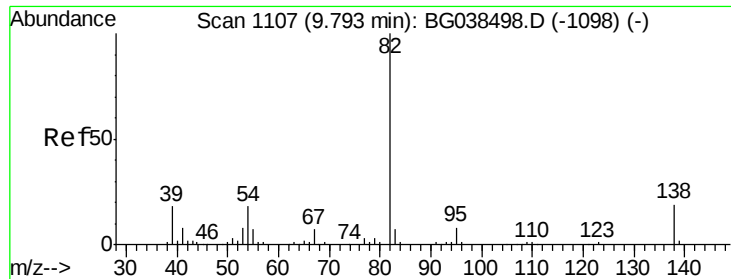
Tgt Ion: 82 Resp: 126743
Ion Ratio Lower Upper
82 100
128 39.3 34.6 52.0
54 60.7 50.6 76.0



#24
Nitrobenzene
Concen: 0.263 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.04 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion: 77 Resp: 422
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 0.0 12.0 18.0#





#25

Isophorone

Concen: 0.088 ng

RT: 9.38 min Scan# 1071

Delta R.T. -0.41 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampled :

TP-6

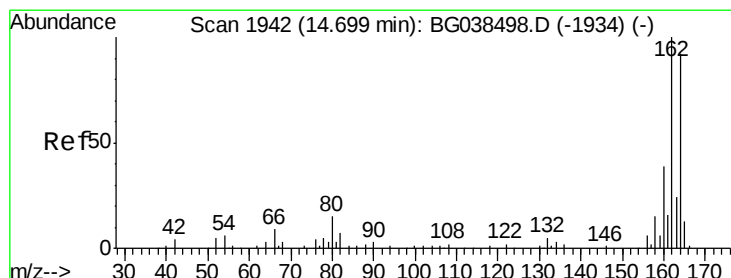
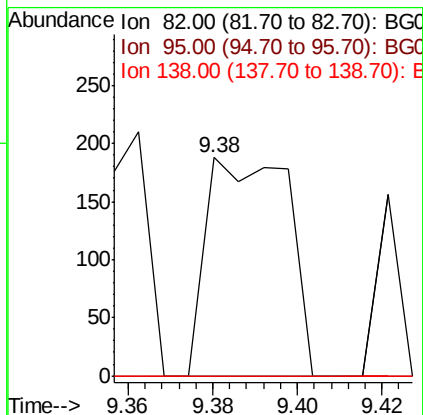
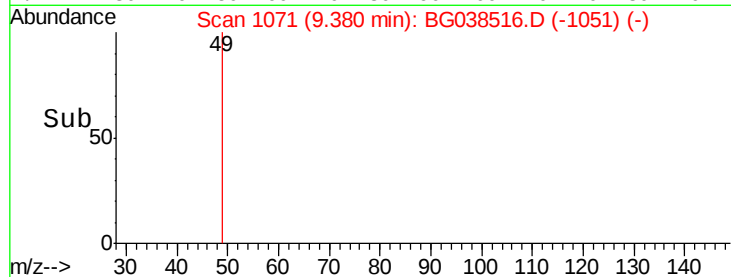
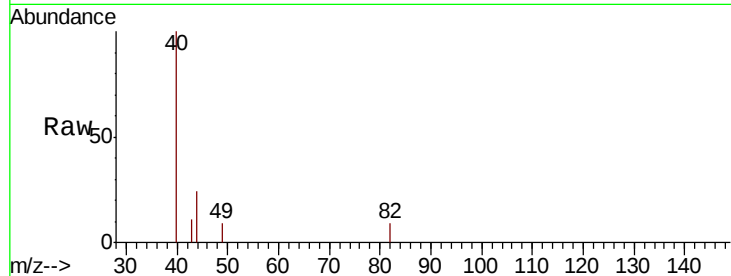
Tgt Ion: 82 Resp: 251

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 14.9 22.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

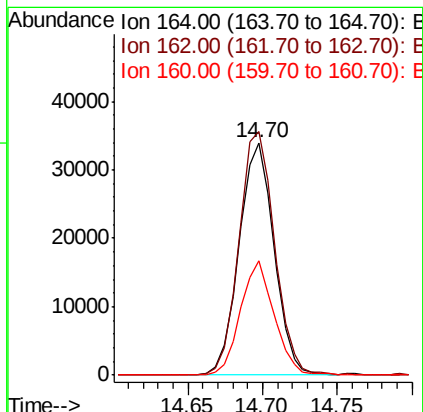
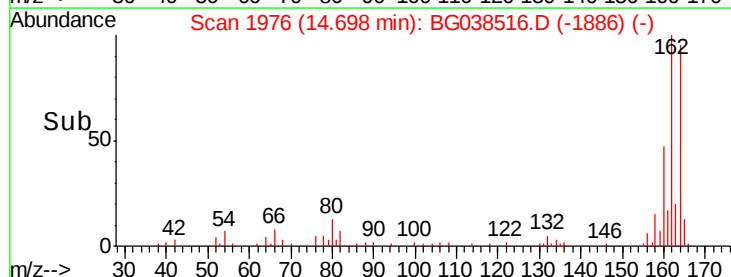
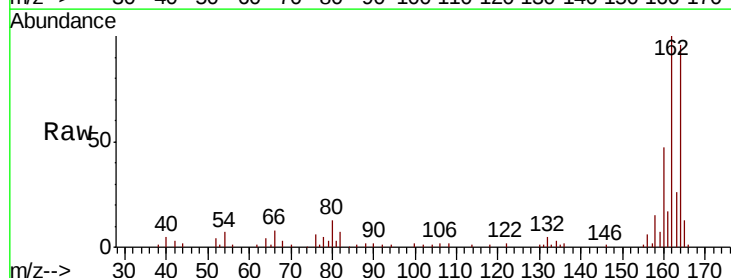
Tgt Ion: 164 Resp: 54997

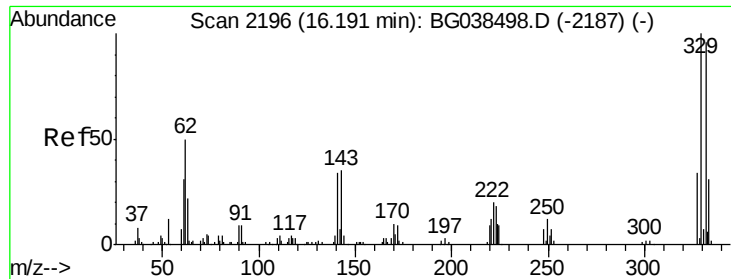
Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

160 49.0 34.2 51.2

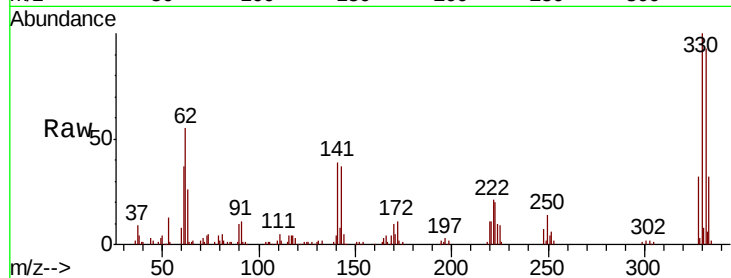




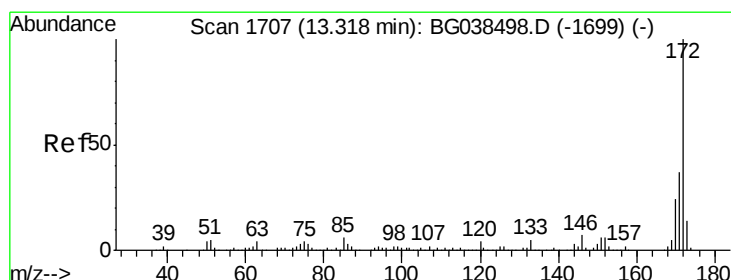
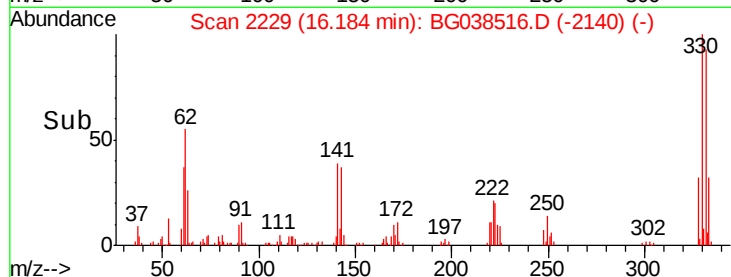
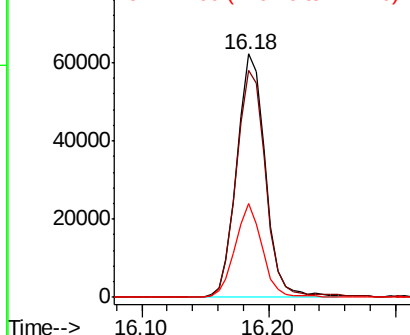
#42
 2,4,6-Tribromophenol
 Concen: 128.117 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:330 Resp: 97107
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.9 115.3
 141 36.4 28.8 43.2

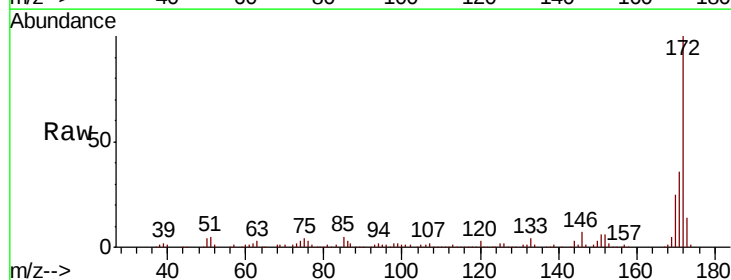


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

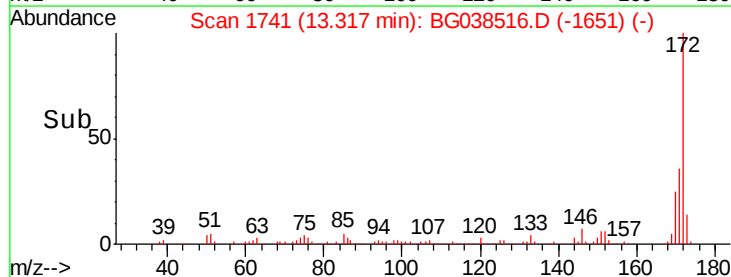
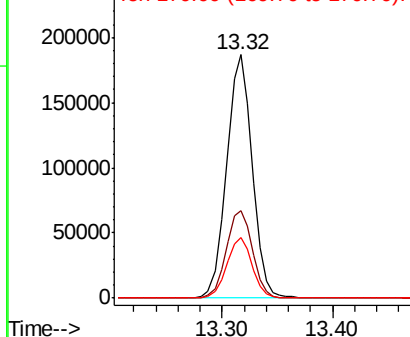


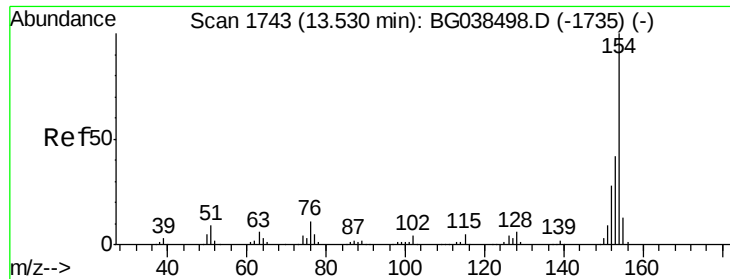
#45
 2-Fluorobiphenyl
 Concen: 75.657 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion:172 Resp: 303308
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.6
 170 24.8 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

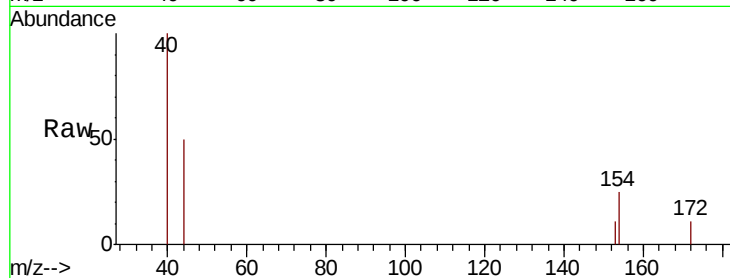




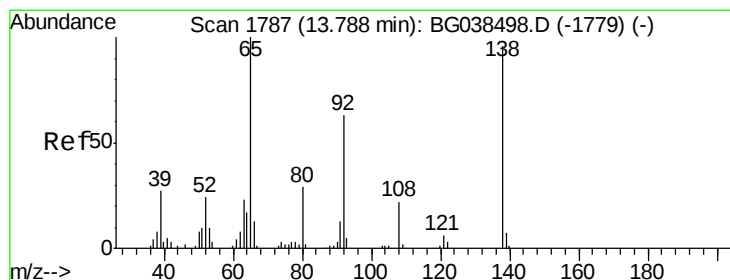
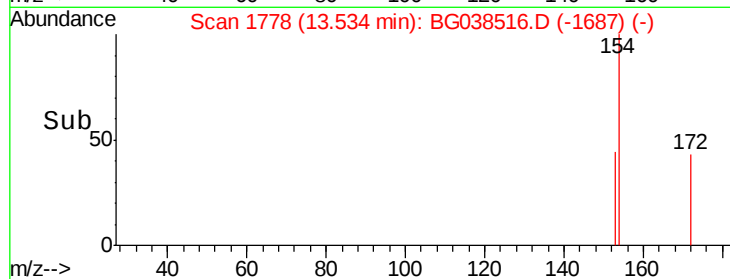
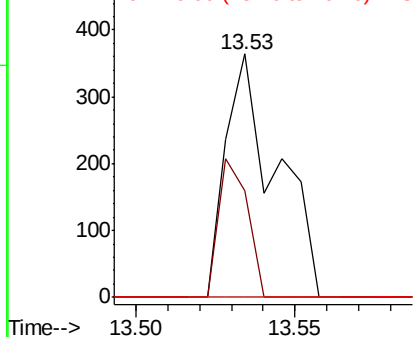
#46
1,1'-Biphenyl
Concen: 0.087 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Instrument :
BNA_G
ClientSampled :
TP-6

Tgt Ion: 154 Resp: 401
Ion Ratio Lower Upper
154 100
153 44.0 22.1 62.1
76 0.0 0.0 31.2

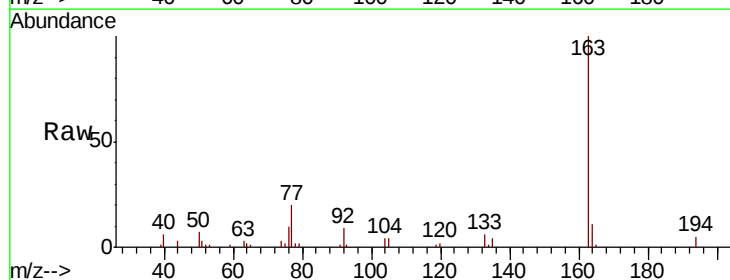


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

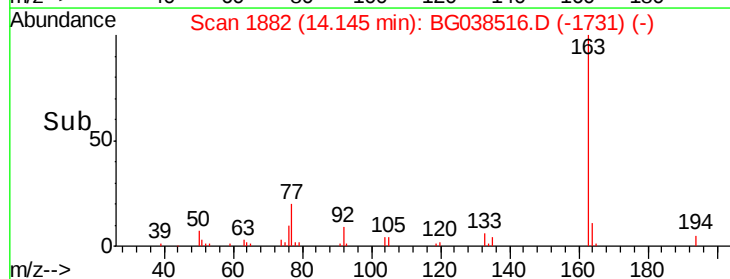
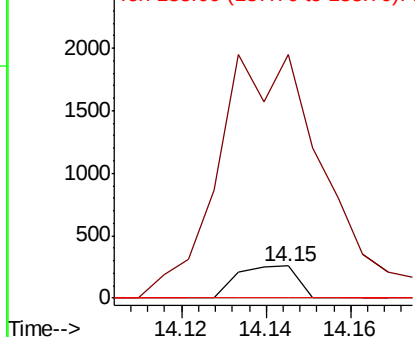


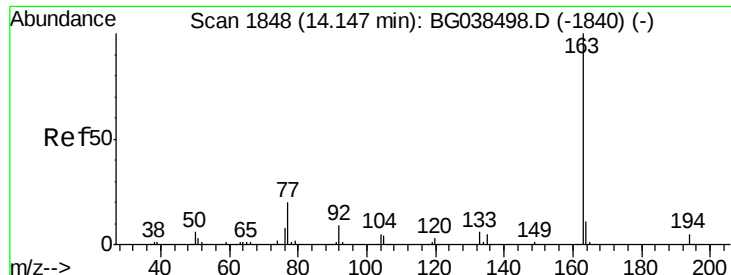
#48
2-Nitroaniline
Concen: 0.220 ng
RT: 14.15 min Scan# 1882
Delta R.T. 0.36 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion: 65 Resp: 250
Ion Ratio Lower Upper
65 100
92 758.8 50.0 75.0#
138 0.0 76.9 115.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 8.189 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

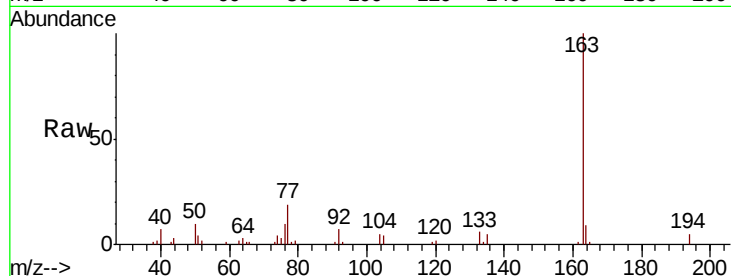
Tgt Ion:163 Resp: 36777

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

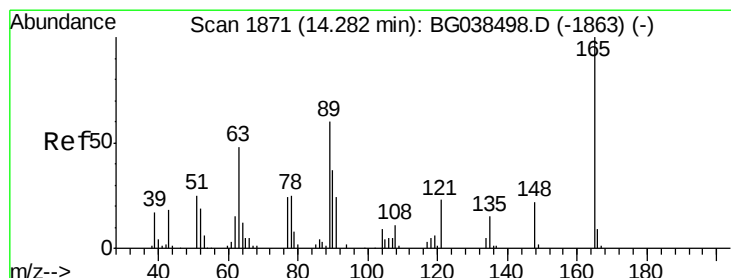
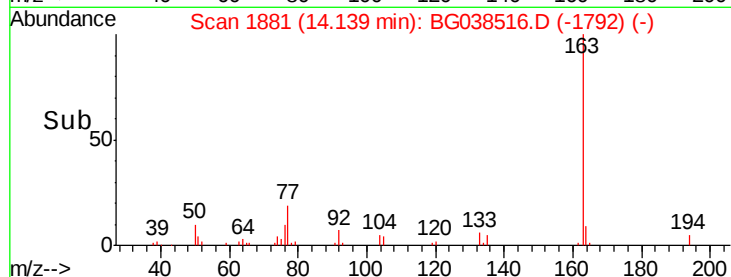
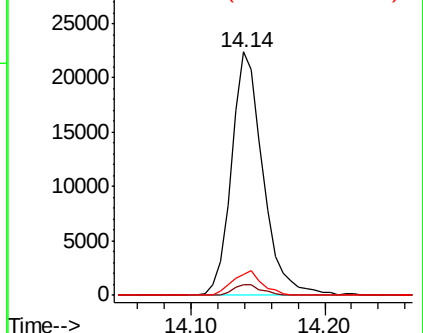
164 8.5 8.6 12.8#



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: 0.399 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.14 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

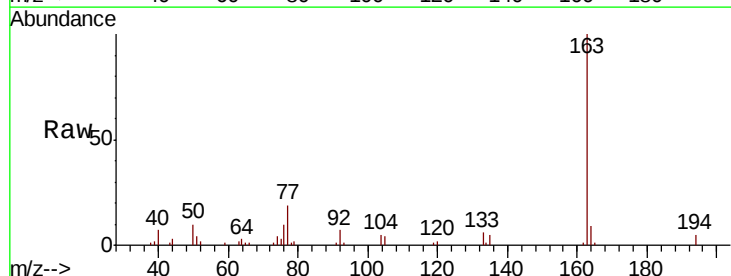
Tgt Ion:165 Resp: 406

Ion Ratio Lower Upper

165 100

63 149.4 51.8 77.6#

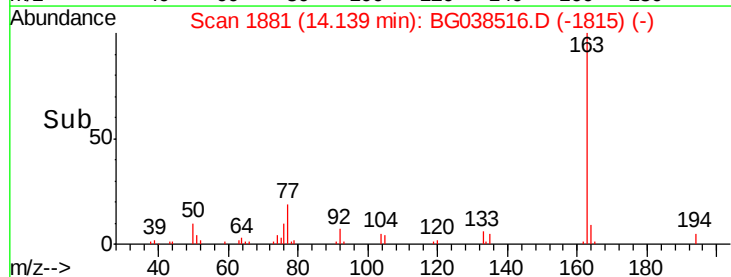
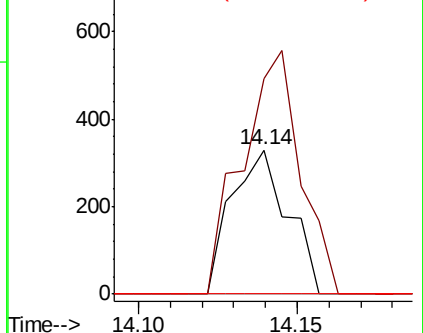
89 0.0 47.9 71.9#

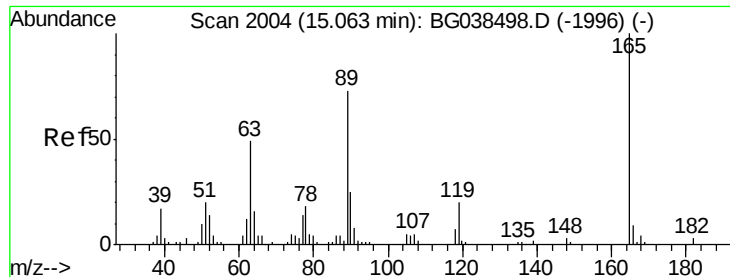


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

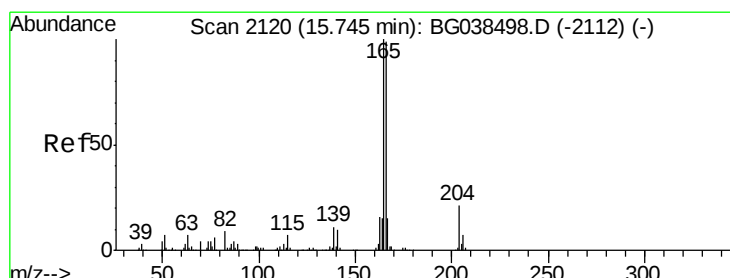
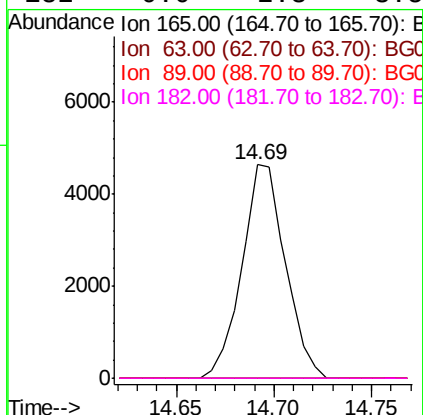
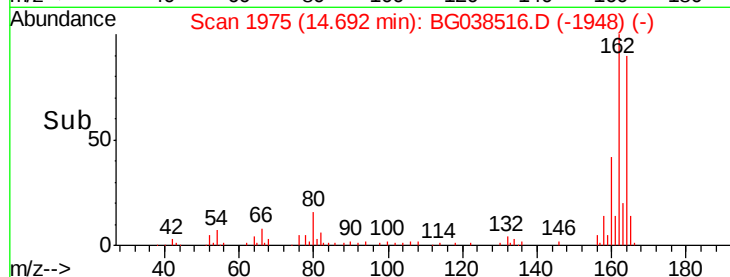
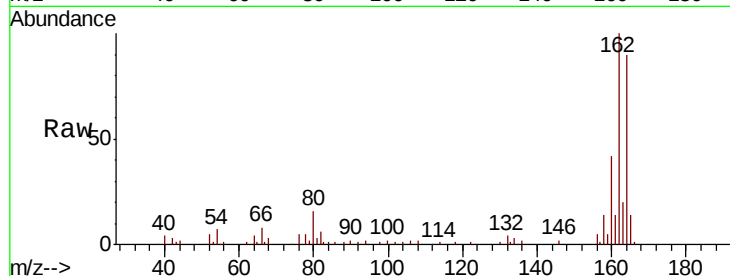




#57
 2,4-Dinitrotoluene
 Concen: 4.988 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

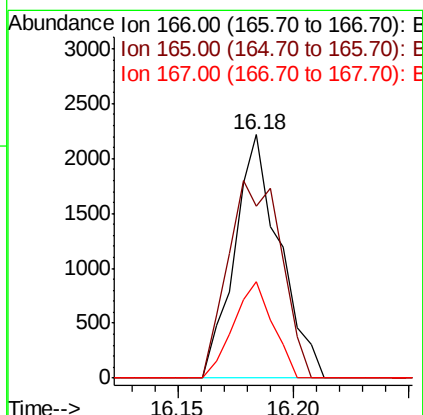
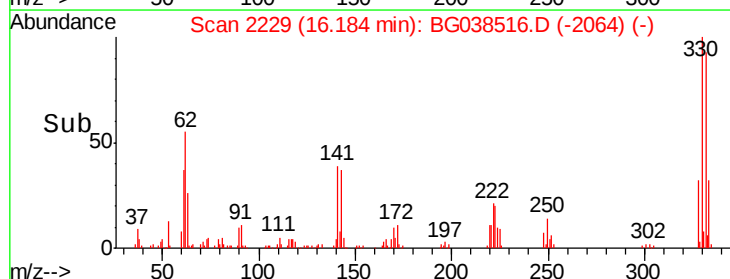
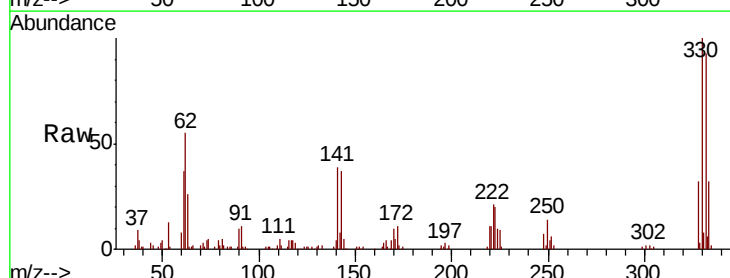
Instrument :
 BNA_G
 ClientSampleId :
 TP-6

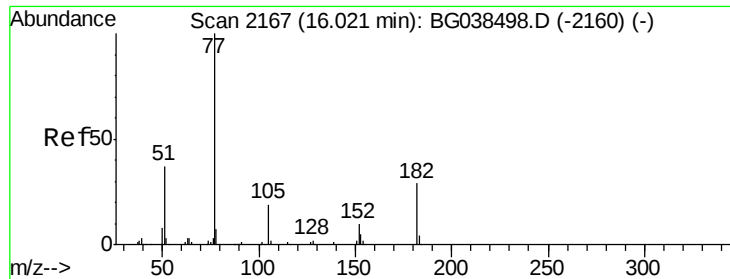
Tgt Ion:	165	Resp:	7151
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#58
 Fluorene
 Concen: 0.751 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.44 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion:	166	Resp:	3035
Ion	Ratio	Lower	Upper
166	100		
165	70.8	80.6	120.8#
167	39.5	12.0	18.0#

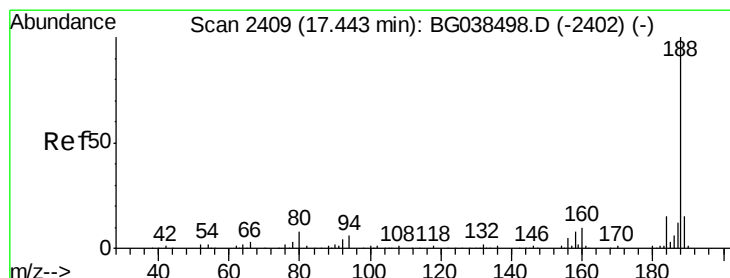
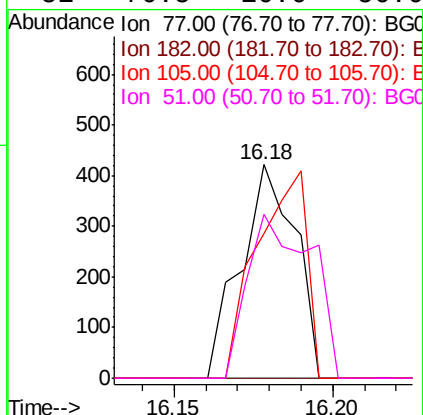
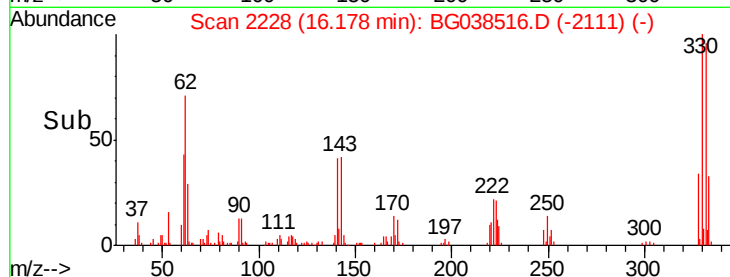
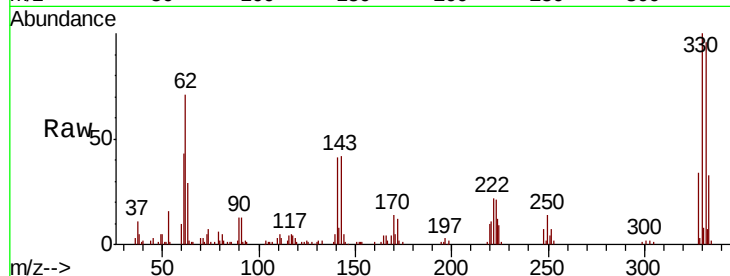




#63
Azobenzene
Concen: 0.123 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.16 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

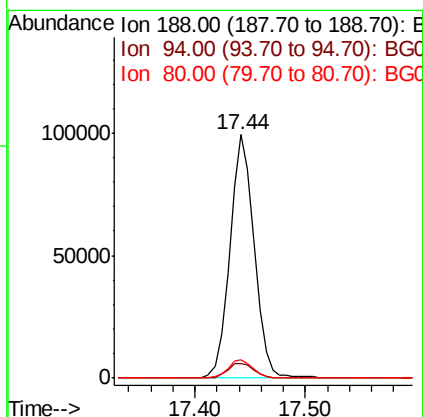
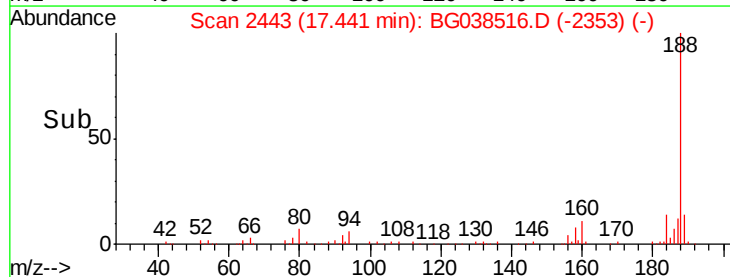
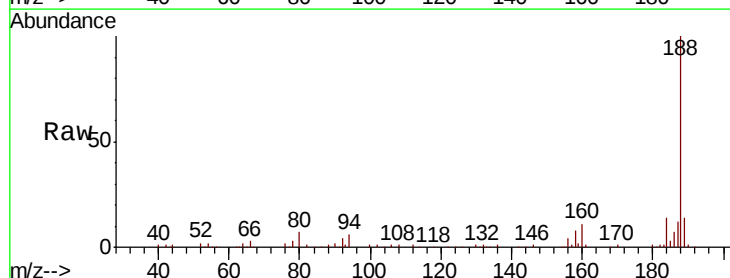
Instrument :
BNA_G
ClientSampleId :
TP-6

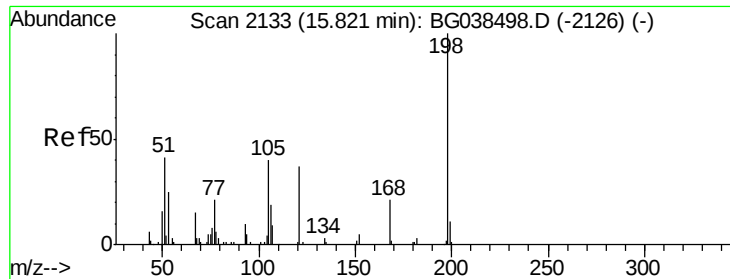
Tgt Ion: 77 Resp: 505
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 67.5 0.0 38.7#
51 76.5 16.6 56.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion: 188 Resp: 153361
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.4 6.1 9.1

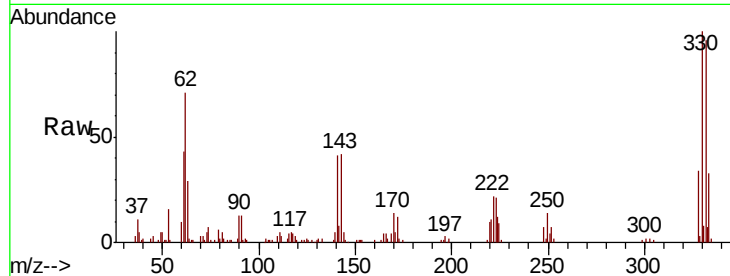




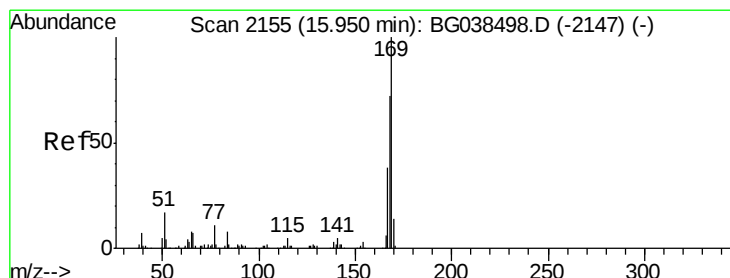
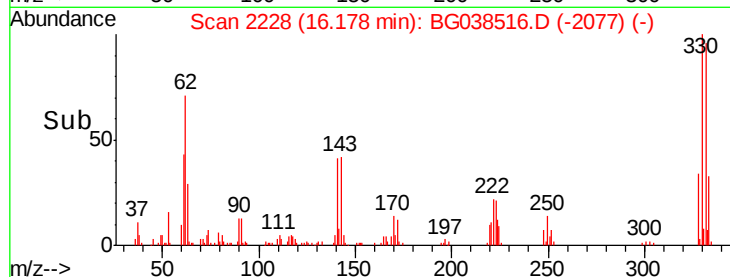
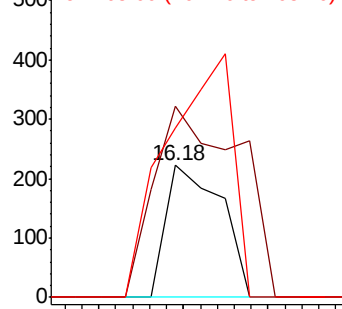
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.185 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.36 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:198 Resp: 202
 Ion Ratio Lower Upper
 198 100
 51 32.9 28.6 68.6
 105 29.0 20.4 60.4

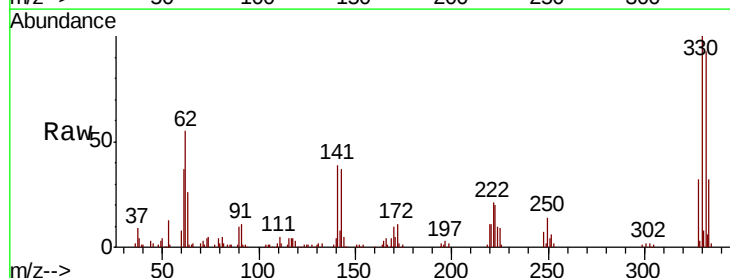


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

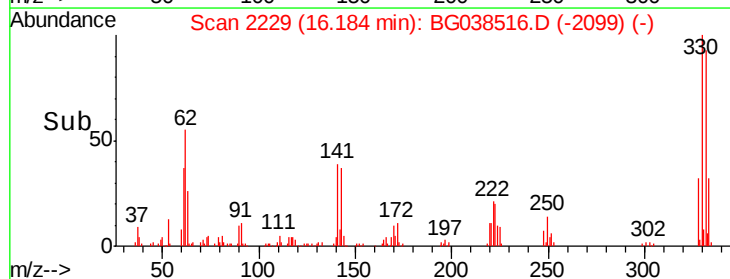
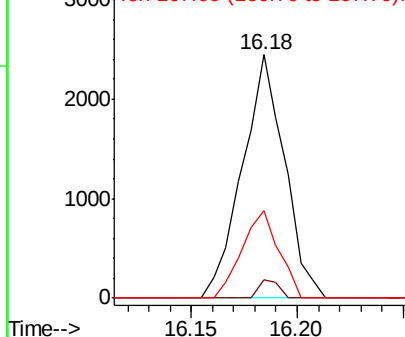


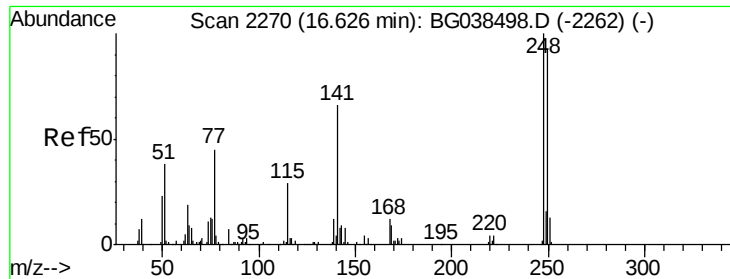
#66
 n-Nitrosodiphenylamine
 Concen: 0.753 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion:169 Resp: 3395
 Ion Ratio Lower Upper
 169 100
 168 7.6 57.5 86.3#
 167 35.8 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

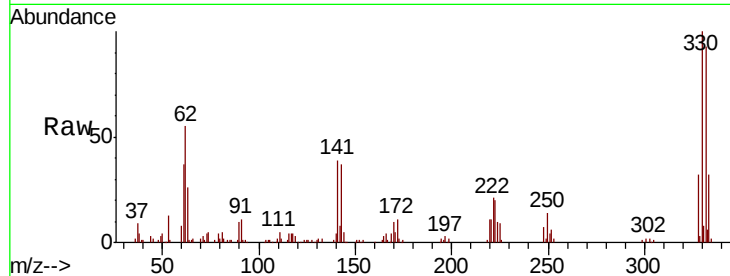




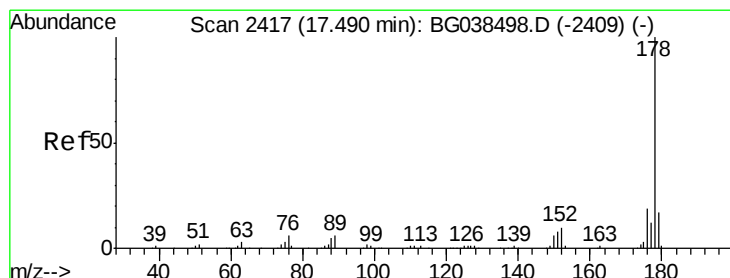
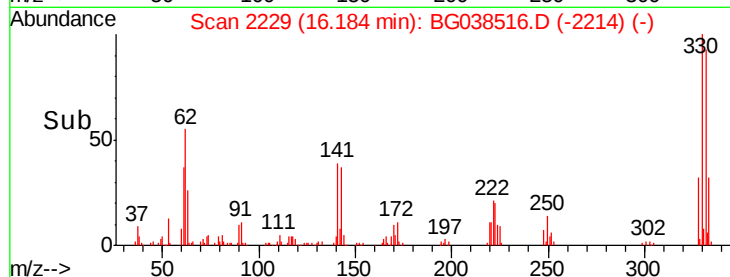
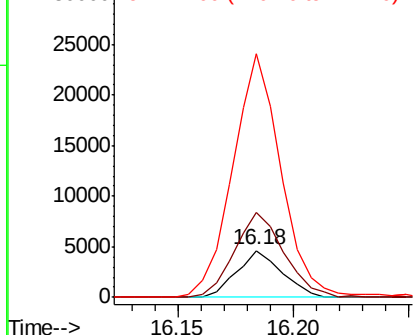
#67
 4-Bromophenyl-phenylether
 Concen: 3.358 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion:248 Resp: 6289
 Ion Ratio Lower Upper
 248 100
 250 187.0 73.4 110.2#
 141 419.9 52.9 79.3#

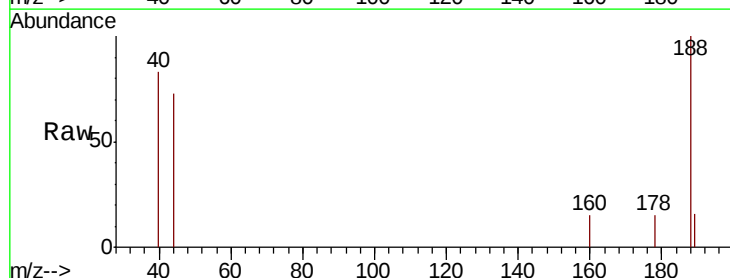


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

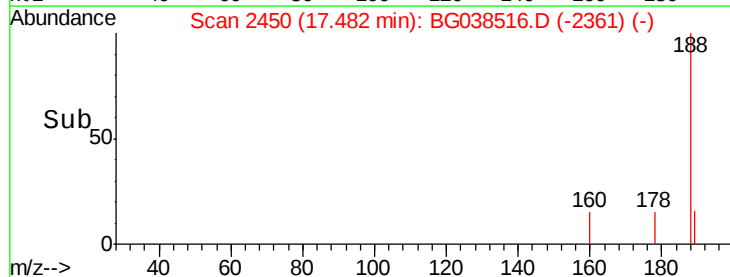
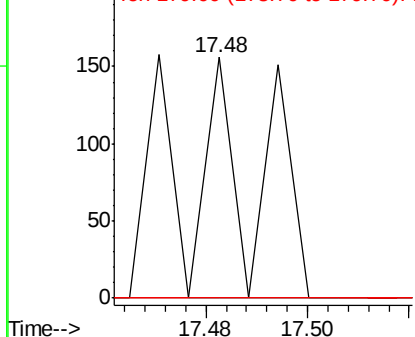


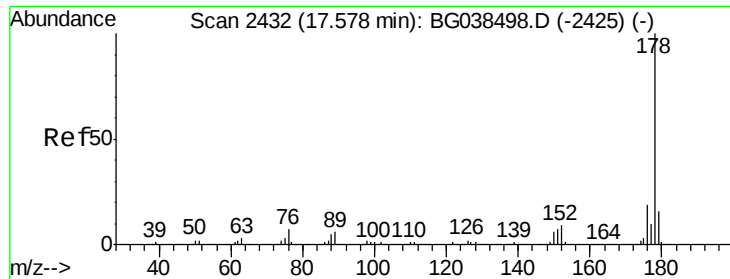
#71
 Phenanthrene
 Concen: 0.014 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion:178 Resp: 108
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 0.0 13.2 19.8#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.014 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.10 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

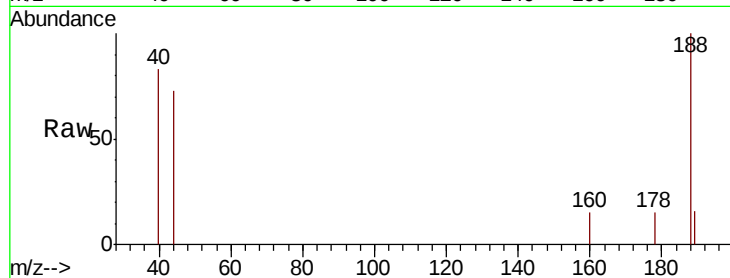
Tgt Ion:178 Resp: 108

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

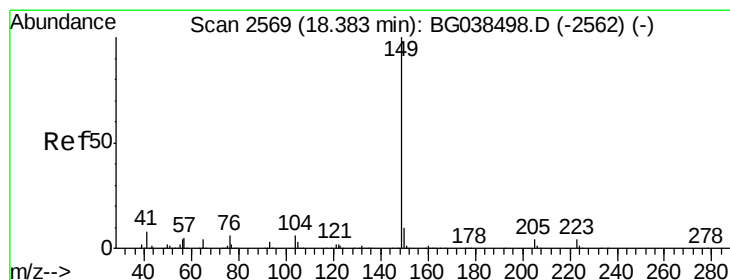
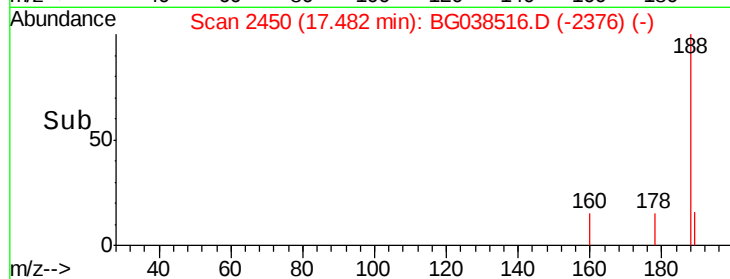
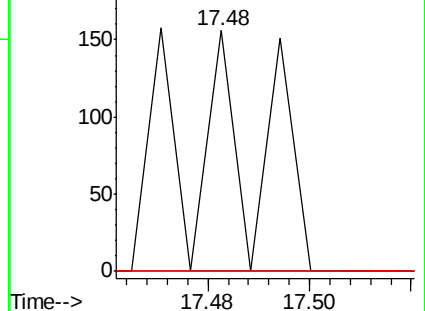
179 0.0 12.9 19.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Di-n-butylphthalate

Concen: 0.027 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

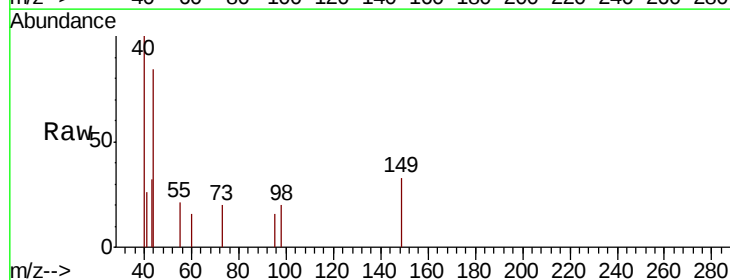
Tgt Ion:149 Resp: 239

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

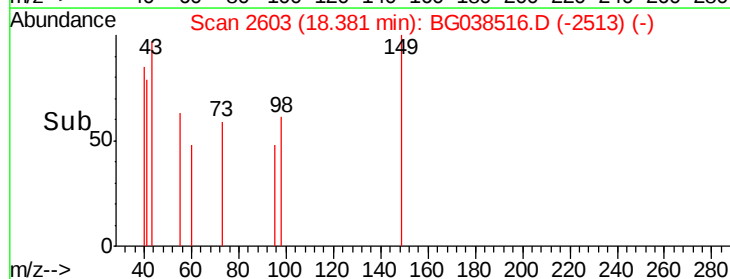
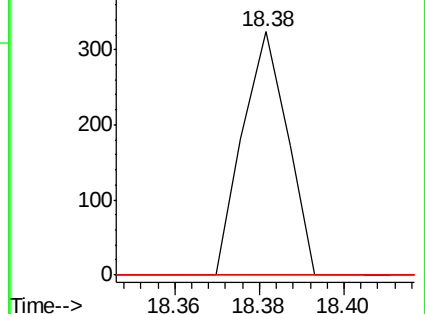
104 0.0 5.0 7.4#

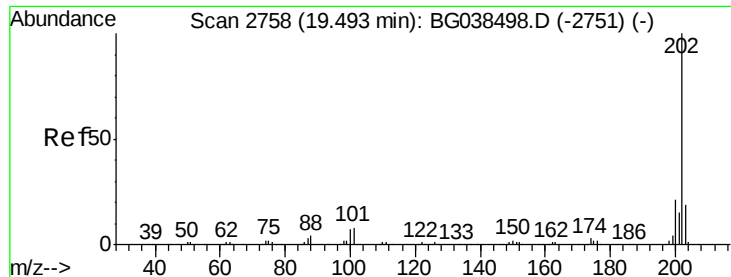


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

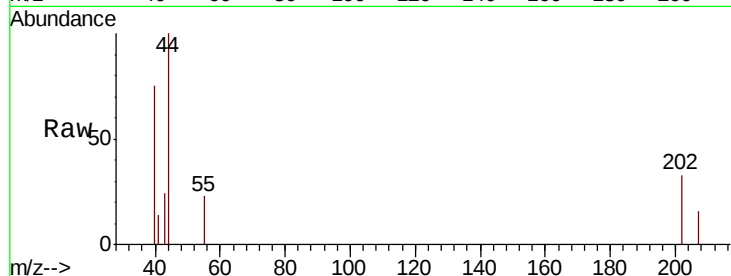




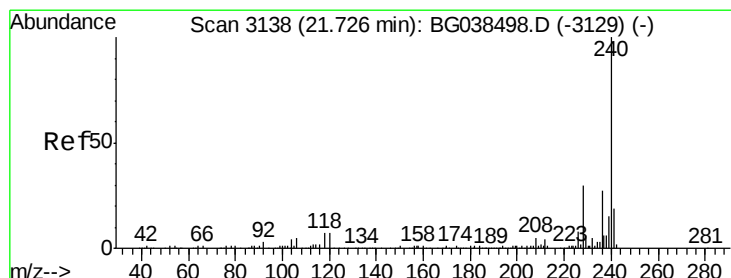
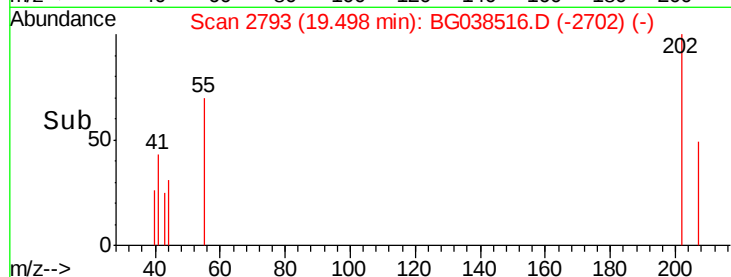
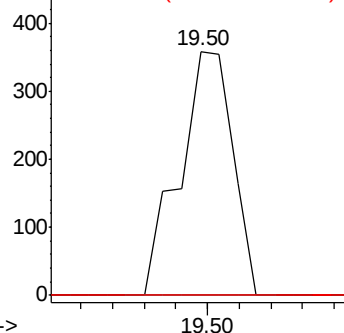
#75
 Fluoranthene
 Concen: 0.042 ng
 RT: 19.50 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.1
203	0.0	0.0	39.0

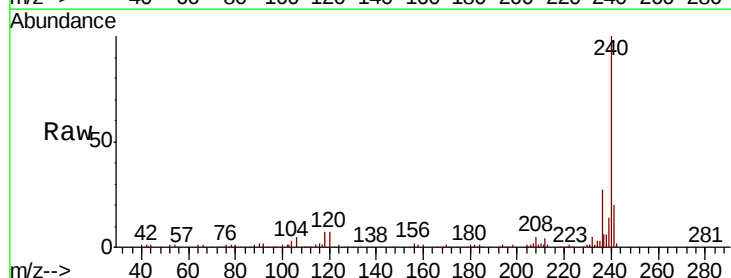


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

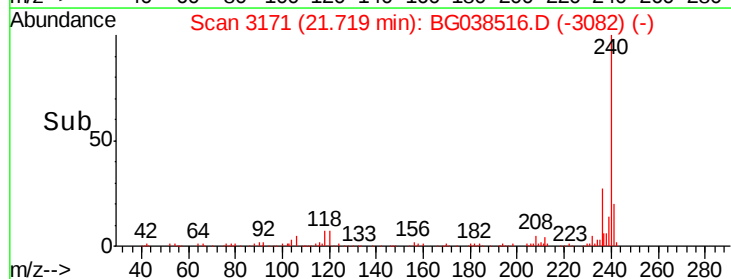
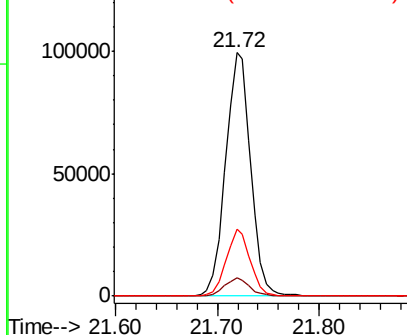


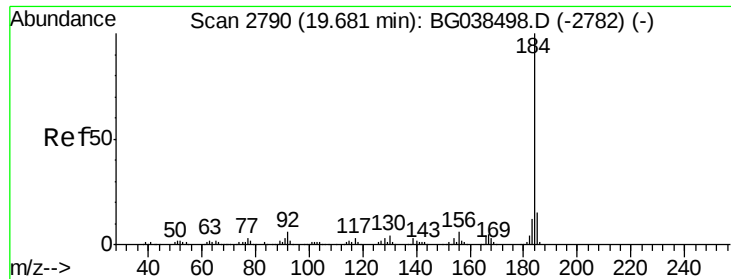
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038516.D
 Acq: 13 Dec 2018 2:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.3	7.9
236	27.3	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: 2.226 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

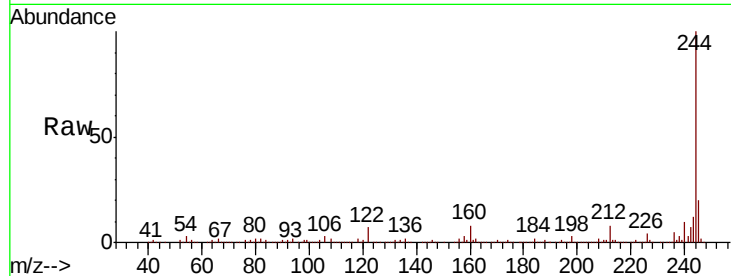
Tgt Ion:184 Resp: 11149

Ion Ratio Lower Upper

184 100

185 17.4 12.2 18.2

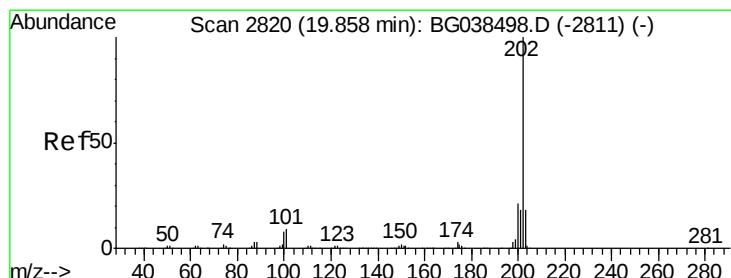
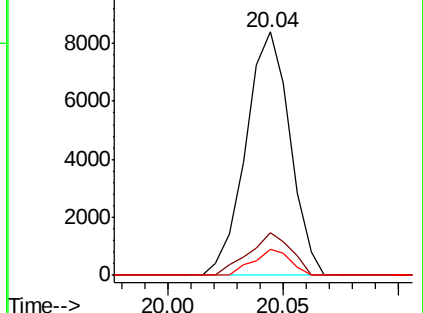
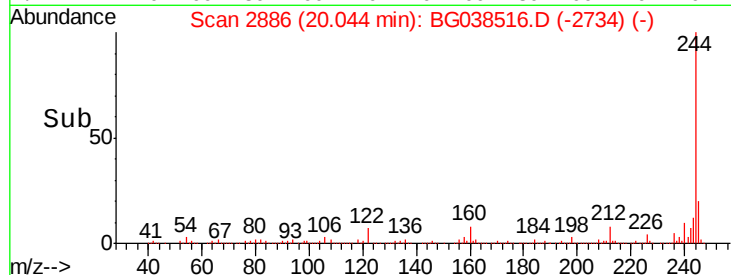
183 10.5 9.6 14.4



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



#78

Pyrene

Concen: 0.042 ng

RT: 19.86 min Scan# 2855

Delta R.T. 0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

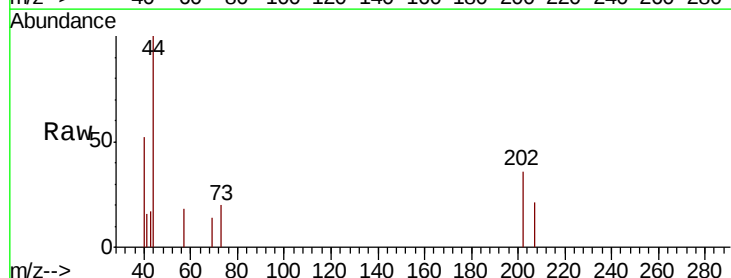
Tgt Ion:202 Resp: 473

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

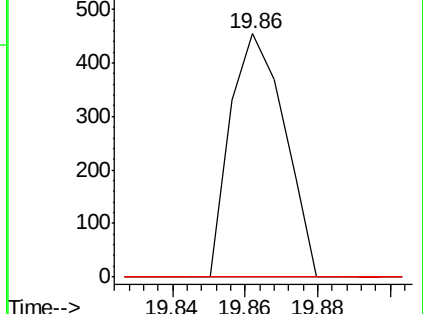
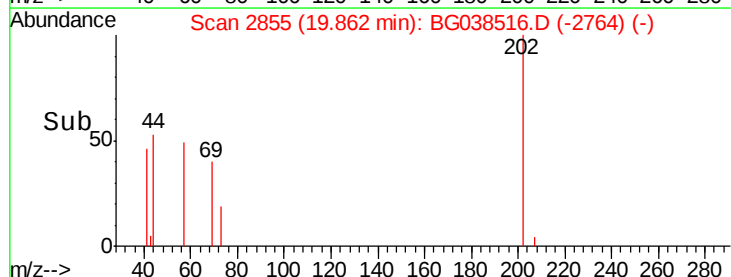
203 0.0 14.6 21.8#

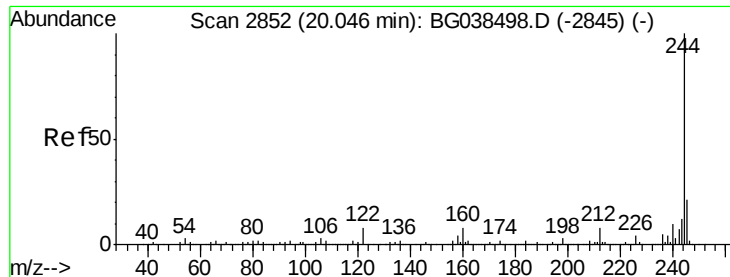


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.857 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

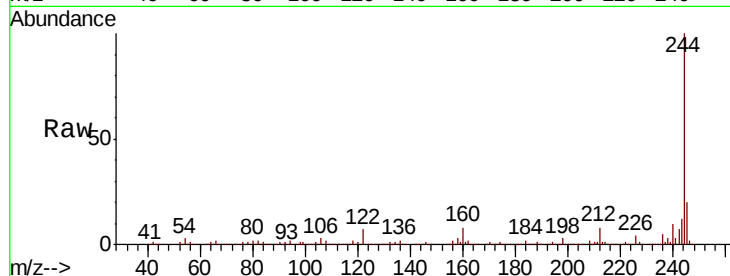
Tgt Ion:244 Resp: 637082

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

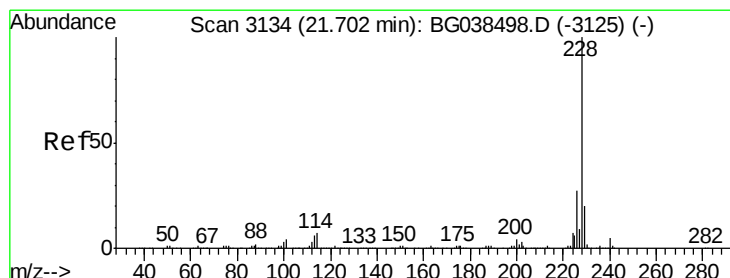
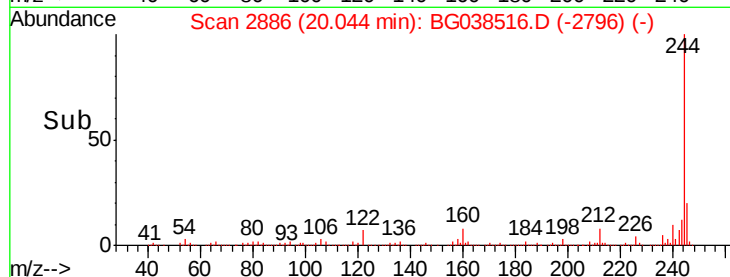
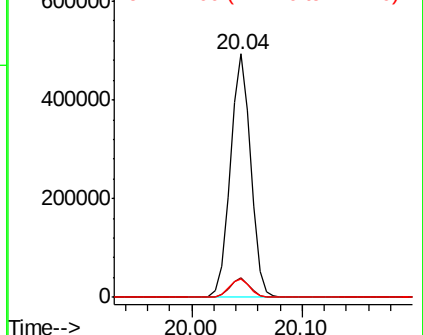
122 7.4 6.3 9.5



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



#81

Benzo(a)anthracene

Concen: 0.083 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.02 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

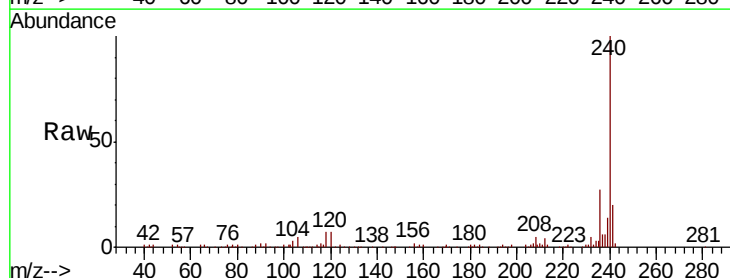
Tgt Ion:228 Resp: 859

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

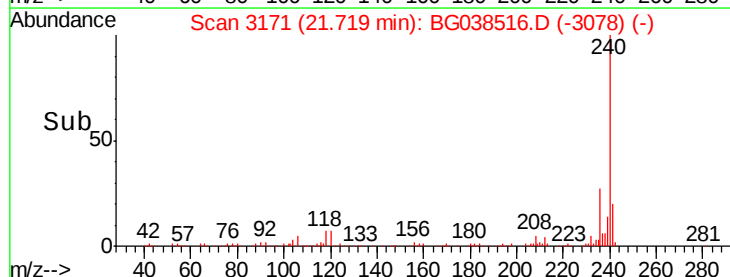
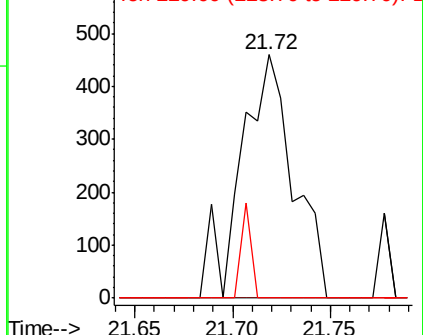
229 0.0 15.8 23.6#

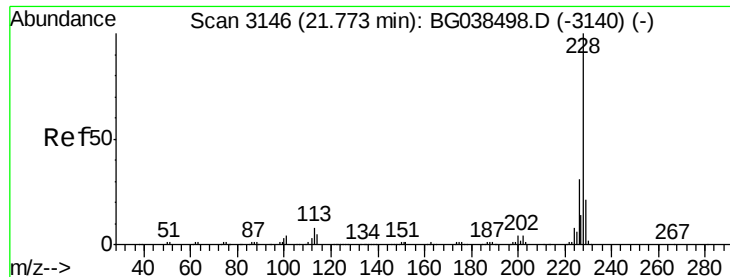


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.006 ng

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

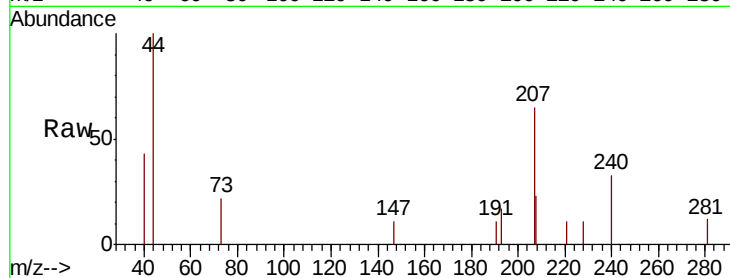
Tgt Ion: 228 Resp: 56

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.4#

229 0.0 16.5 24.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.78

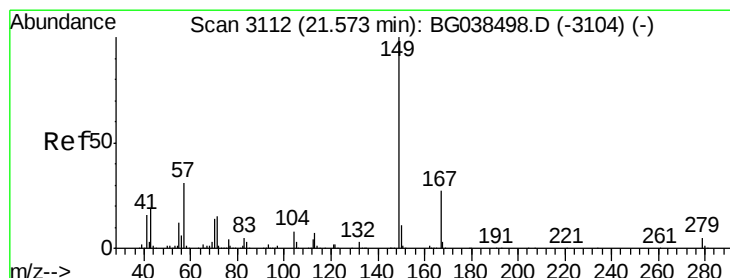
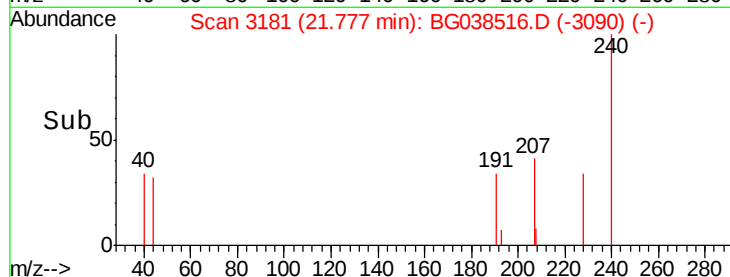
150

100

50

0

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.097 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

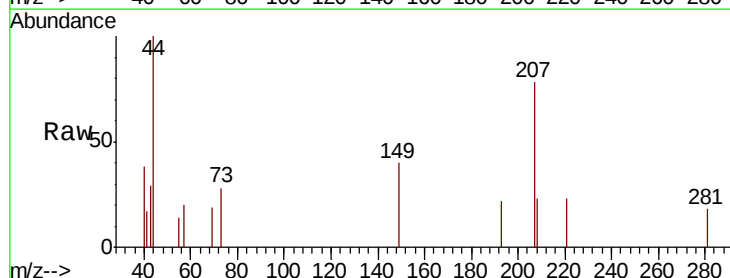
Tgt Ion: 149 Resp: 601

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

279 0.0 4.2 6.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.57

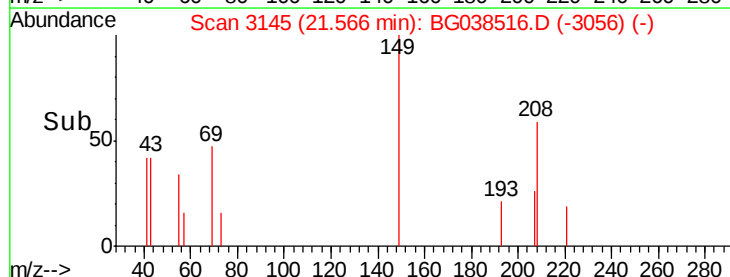
600

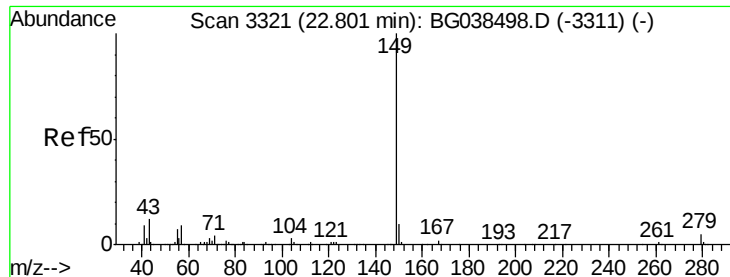
400

200

0

Time-->

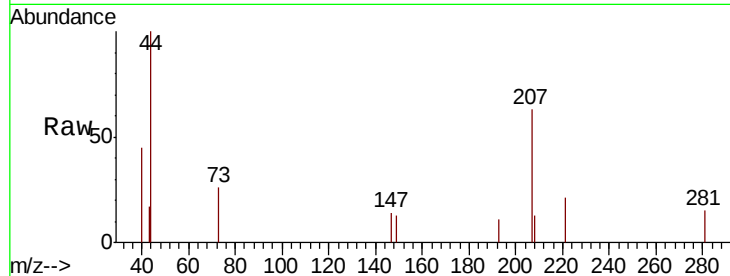




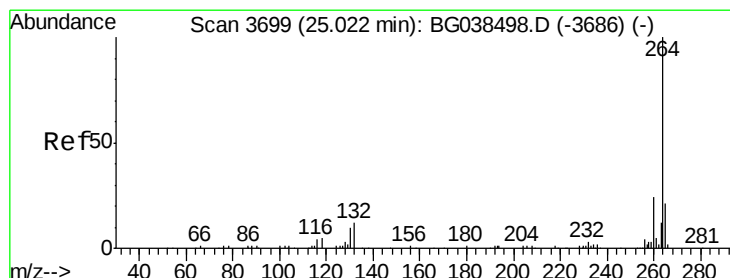
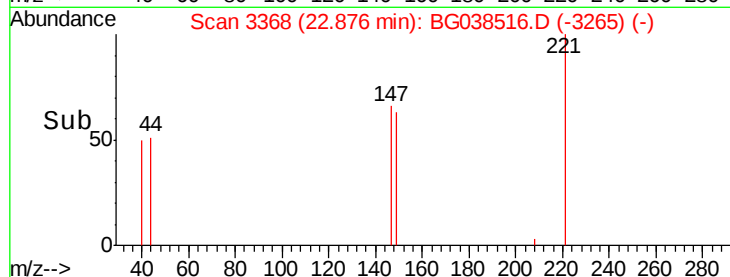
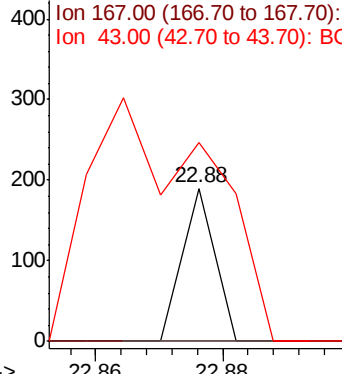
#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 22.88 min Scan# 3368
Delta R.T. 0.08 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:149 Resp: 67
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 695.5 9.3 13.9#

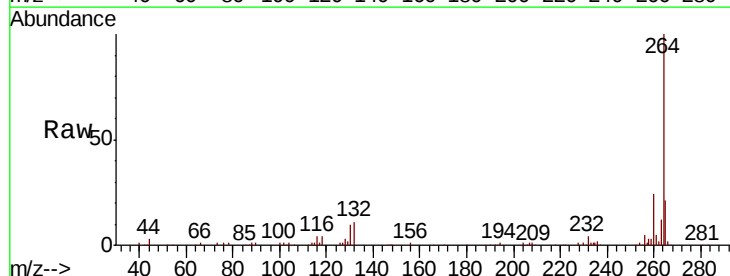


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

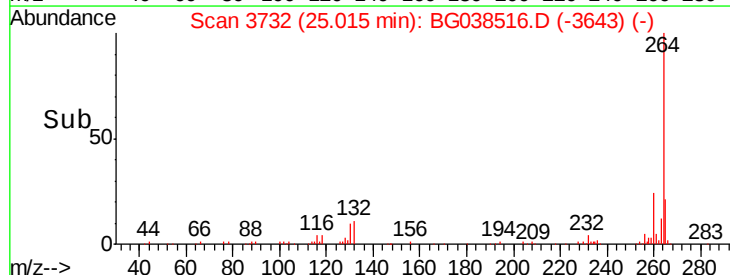
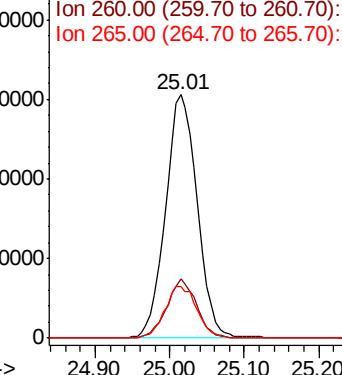


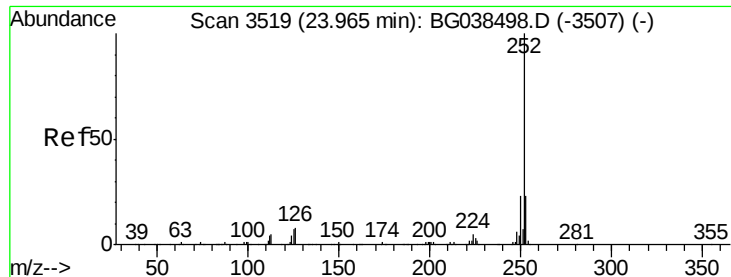
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038516.D
Acq: 13 Dec 2018 2:39

Tgt Ion:264 Resp: 180092
Ion Ratio Lower Upper
264 100
260 24.5 18.9 28.3
265 21.4 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





#88

Benzo(b)fluoranthene

Concen: 0.013 ng

RT: 23.97 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

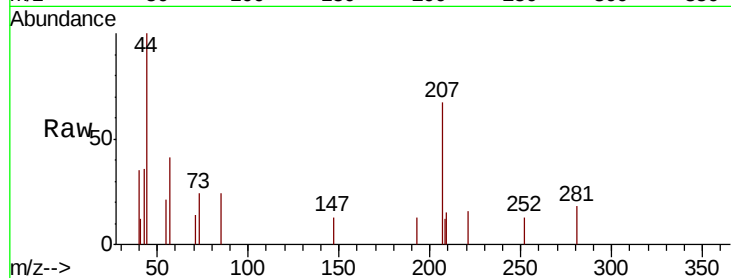
Tgt Ion:252 Resp: 132

Ion Ratio Lower Upper

252 100

253 0.0 18.1 27.1#

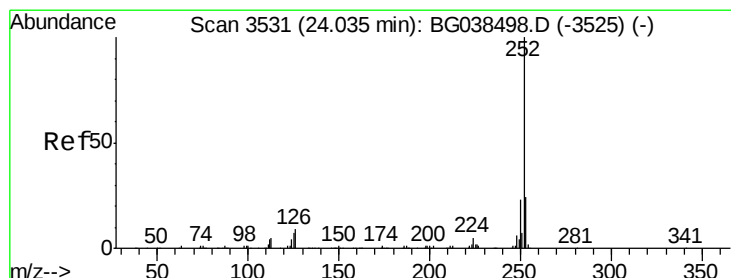
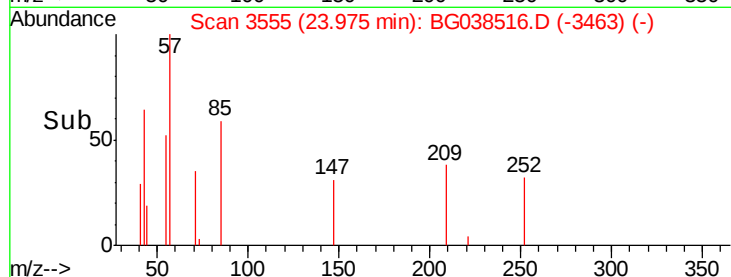
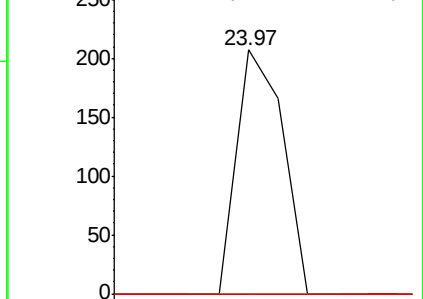
125 0.0 5.5 8.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.006 ng

RT: 24.05 min Scan# 3568

Delta R.T. 0.02 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

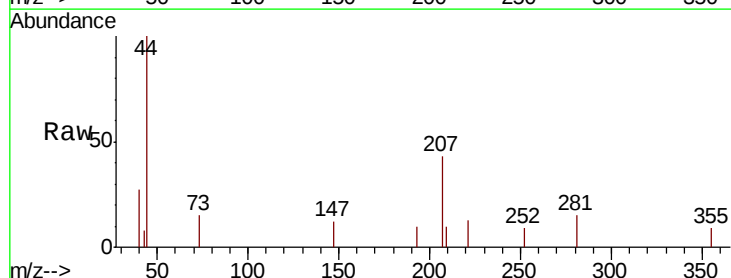
Tgt Ion:252 Resp: 59

Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

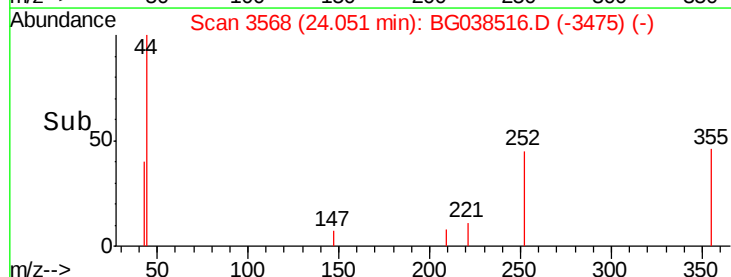
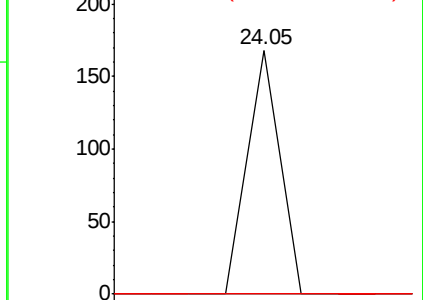
125 0.0 5.4 8.2#

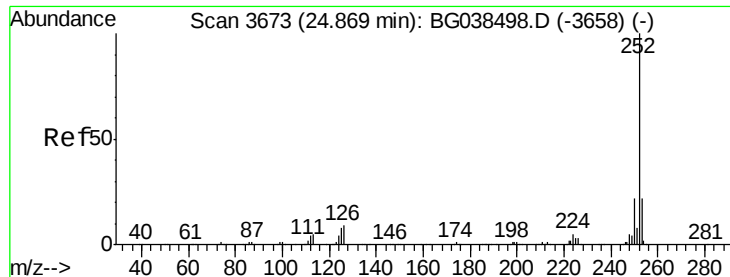


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.008 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

Instrument :

BNA_G

ClientSampleId :

TP-6

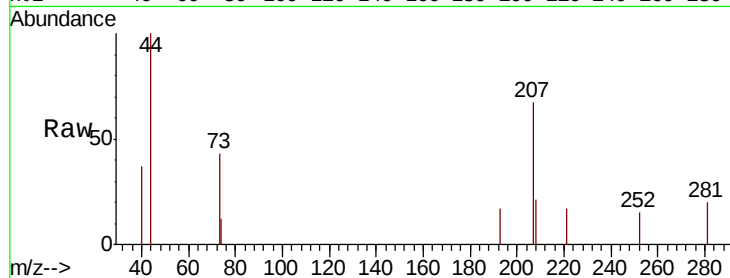
Tgt Ion:252 Resp: 80

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

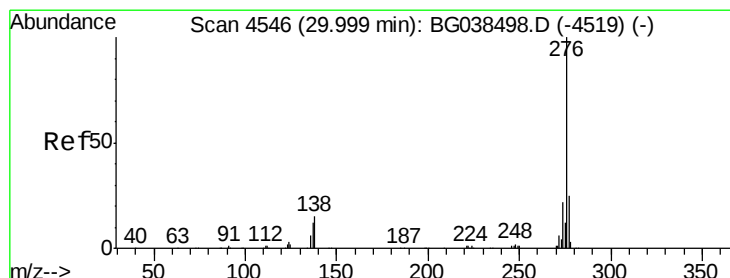
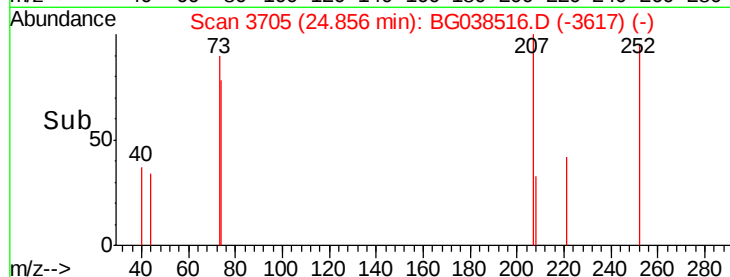
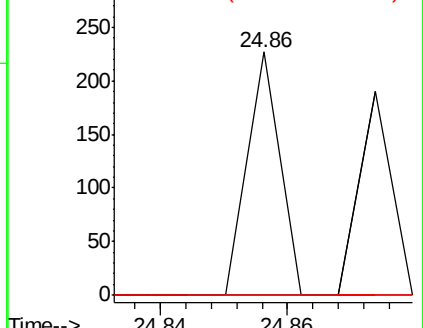
125 0.0 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.007 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038516.D

Acq: 13 Dec 2018 2:39

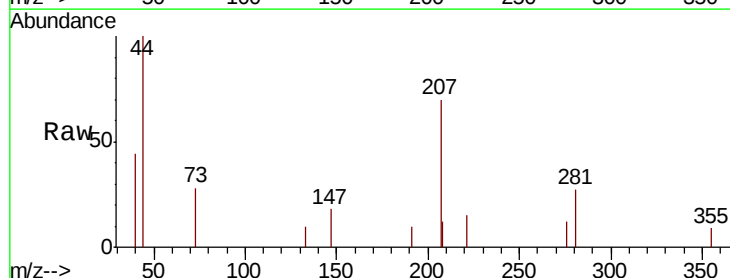
Tgt Ion:276 Resp: 70

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 11.8 17.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

