

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038515.D
 Acq On : 13 Dec 2018 1:59
 Operator : JU/SJ
 Sample : J6331-25
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Dec 13 06:12:46 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	19341	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	78770	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	53384	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152243	20.00	ng	0.00
76) Chrysene-d12	21.72	240	169249	20.00	ng	0.00
87) Perylene-d12	25.02	264	179465	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	122777	112.59	ng	0.00
7) Phenol-d6	7.21	99	166816	111.43	ng	0.00
23) Nitrobenzene-d5	9.24	82	110058	71.38	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	82620	112.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	266818	68.57	ng	0.00
79) Terphenyl-d14	20.04	244	570735	73.39	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	55	0.108	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	141	0.206	ng	# 1
9) Benzaldehyde	7.21	77	220	0.227	ng	# 3
10) Phenol	7.24	94	8411	5.289	ng	# 92
15) Benzyl Alcohol	8.38	79	1736	1.486	ng	# 43
16) 2,2'-oxybis(1-Chloropropan	8.71	45	61	0.021	ng	# 78
19) n-Nitroso-di-n-propylamine	9.24	70	14234	13.538	ng	# 73
24) Nitrobenzene	9.24	77	290	0.186	ng	# 39
46) 1,1'-Biphenyl	13.53	154	400	0.089	ng	# 41
48) 2-Nitroaniline	14.14	65	180	0.163	ng	# 1
50) Dimethylphthalate	14.14	163	29152	6.687	ng	# 99
51) 2,6-Dinitrotoluene	14.69	165	7134	7.221	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	7134	5.127	ng	# 21
58) Fluorene	16.19	166	2831	0.721	ng	# 83
63) Azobenzene	16.19	77	378	0.095	ng	# 24
65) 4,6-Dinitro-2-methylphenol	16.17	198	255	0.235	ng	# 83
66) n-Nitrosodiphenylamine	16.18	169	3048	0.681	ng	# 40
67) 4-Bromophenyl-phenylether	16.18	248	6005	3.230	ng	# 1
71) Phenanthrene	17.49	178	1458	0.185	ng	# 79
72) Anthracene	17.49	178	1458	0.187	ng	# 79
74) Di-n-butylphthalate	18.38	149	450	0.051	ng	# 77
75) Fluoranthene	19.49	202	2110	0.216	ng	# 89
77) Benzidine	20.04	184	9720	1.942	ng	# 90
78) Pyrene	19.86	202	1960	0.175	ng	# 95
81) Benzo(a)anthracene	21.70	228	1283	0.124	ng	# 51
83) Chrysene	21.76	228	420	0.042	ng	# 80
84) Bis(2-ethylhexyl)phthalate	21.57	149	2402	0.388	ng	# 88
85) Di-n-octyl phthalate	22.80	149	68	0.007	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.81	276	121	0.010	ng	# 59
88) Benzo(b)fluoranthene	23.97	252	1027	0.104	ng	# 59
89) Benzo(k)fluoranthene	24.03	252	420	0.043	ng	# 58
90) Benzo(a)pyrene	24.87	252	340	0.036	ng	# 60
92) Benzo(g,h,i)perylene	29.98	276	79	0.008	ng	# 56

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QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

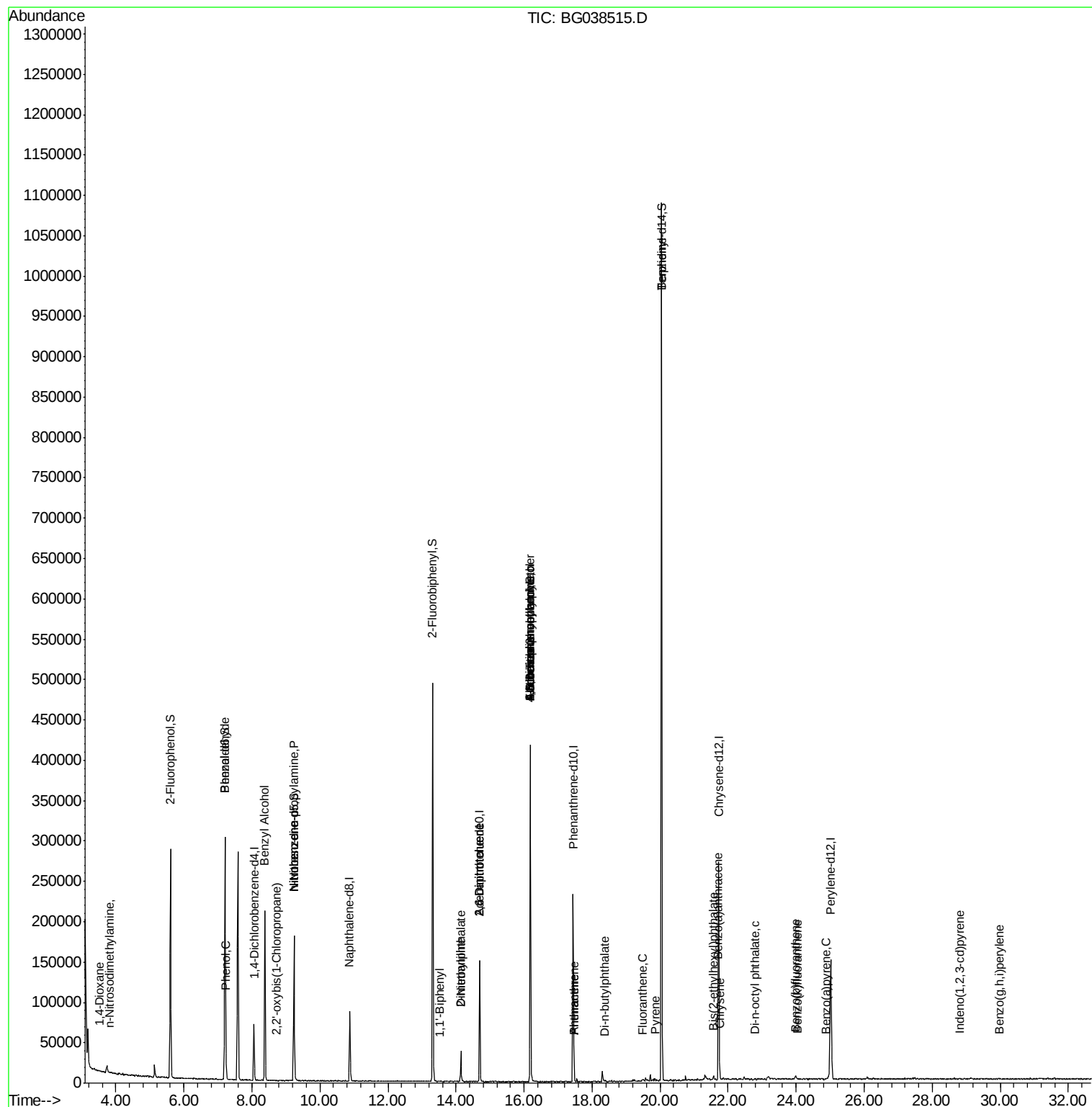
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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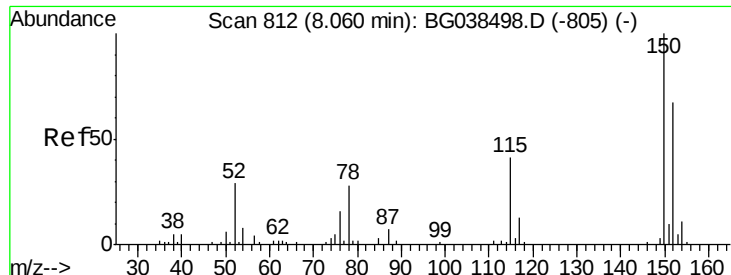
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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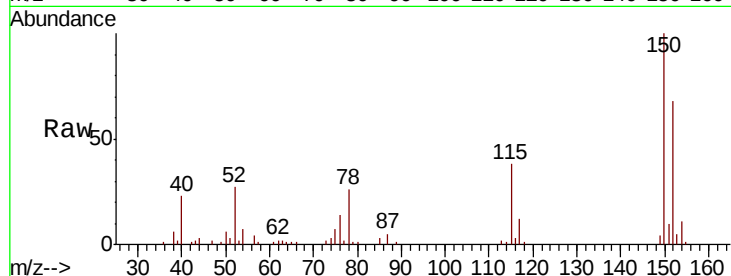




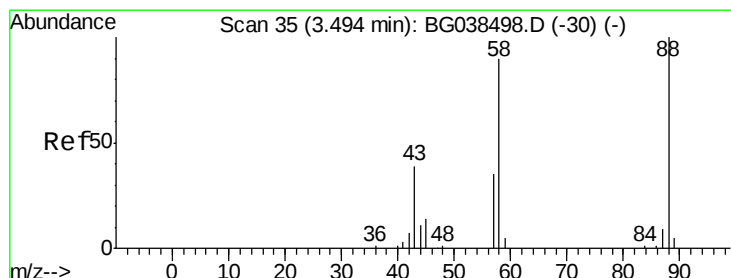
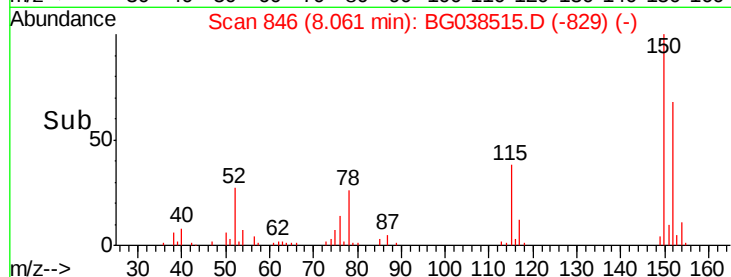
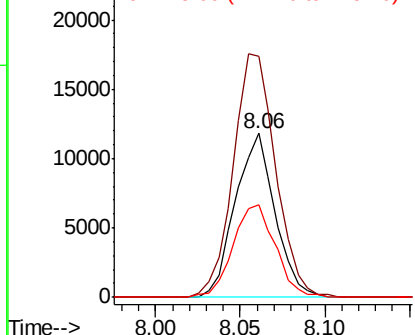
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion: 152 Resp: 19341
 Ion Ratio Lower Upper
 152 100
 150 147.1 119.5 179.3
 115 56.6 49.6 74.4

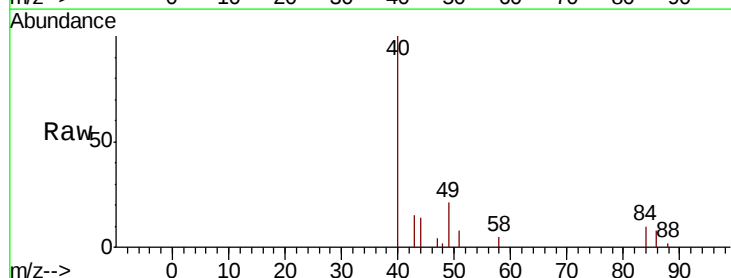


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

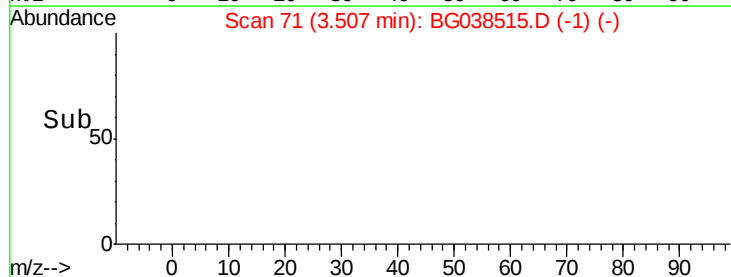
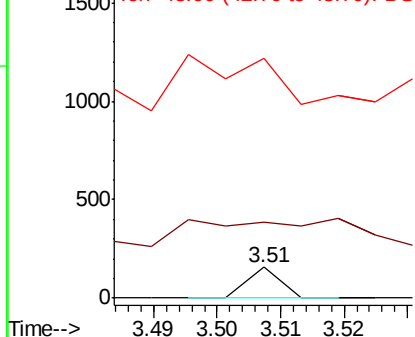


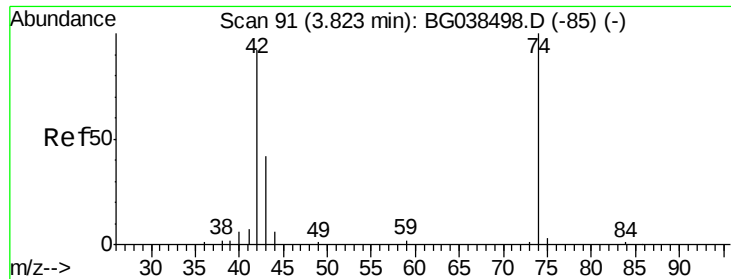
#2
 1,4-Dioxane
 Concen: 0.108 ng
 RT: 3.51 min Scan# 71
 Delta R.T. 0.01 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion: 88 Resp: 55
 Ion Ratio Lower Upper
 88 100
 58 1461.8 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



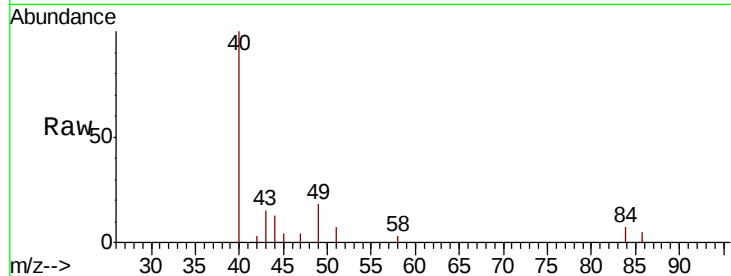


#4

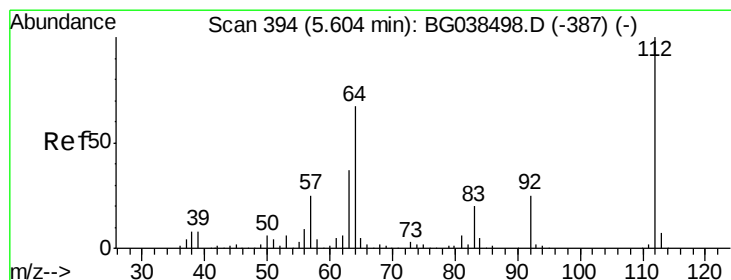
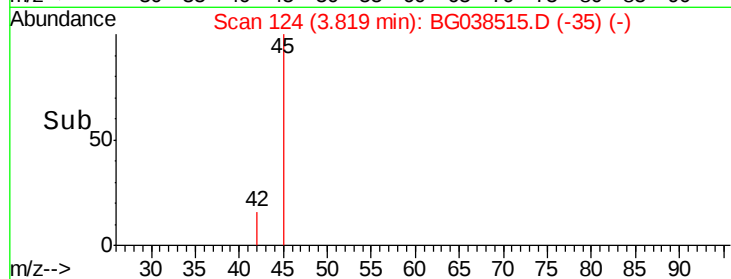
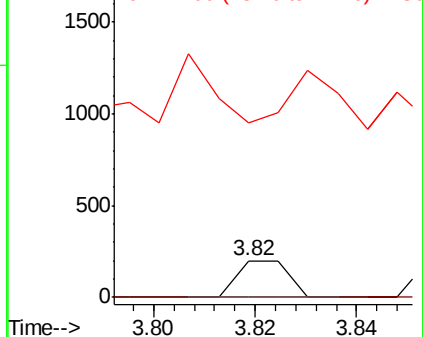
n-Nitrosodimethylamine
 Concen: 0.206 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion: 42 Resp: 141
 Ion Ratio Lower Upper
 42 100
 74 0.0 86.7 130.1#
 44 473.6 7.8 11.8#



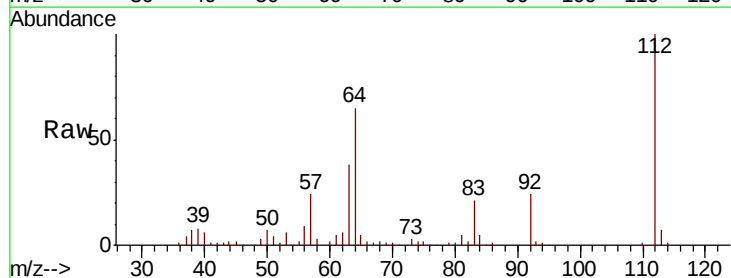
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



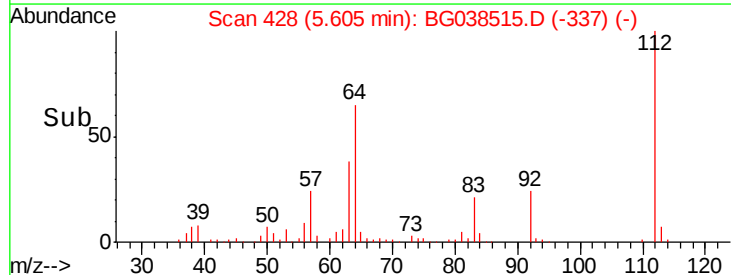
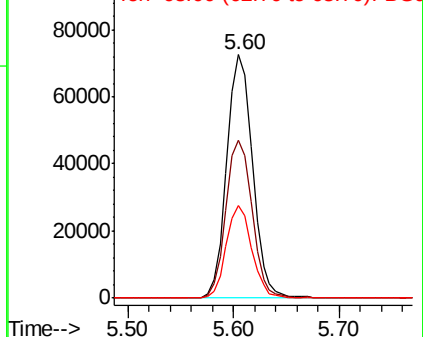
#5

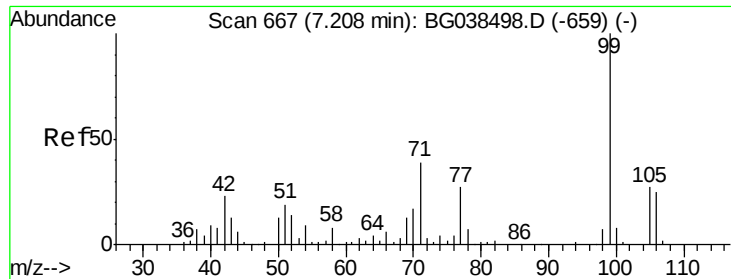
2-Fluorophenol
 Concen: 112.592 ng
 RT: 5.60 min Scan# 428
 Delta R.T. 0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion: 112 Resp: 122777
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.4 80.2
 63 37.8 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





#7

Phenol-d6

Concen: 111.434 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

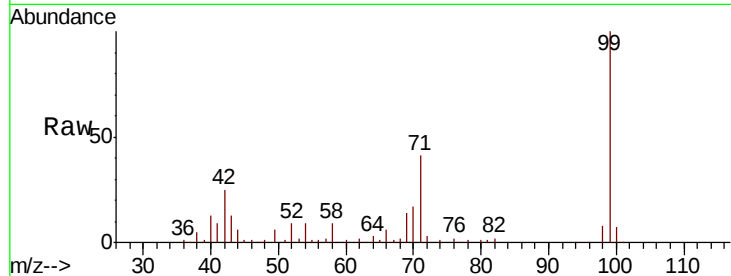
Tgt Ion: 99 Resp: 166816

Ion Ratio Lower Upper

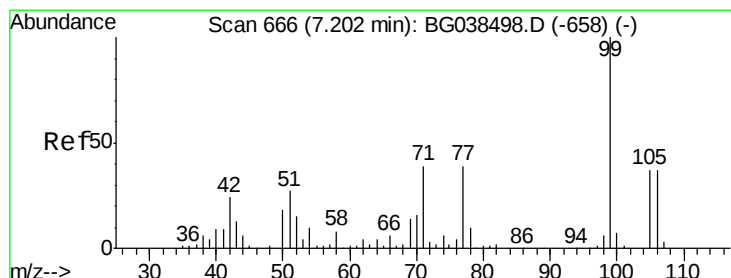
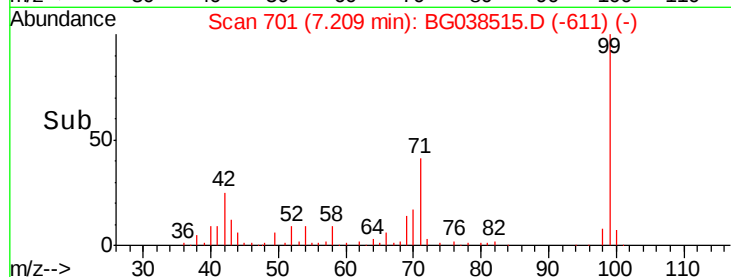
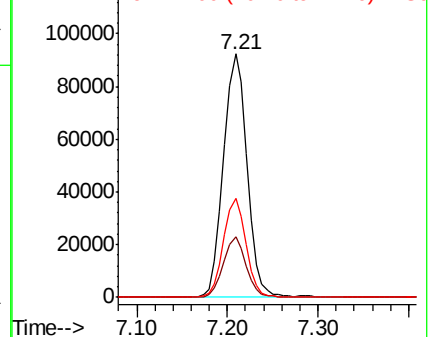
99 100

42 24.9 18.5 27.7

71 40.5 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: 0.227 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

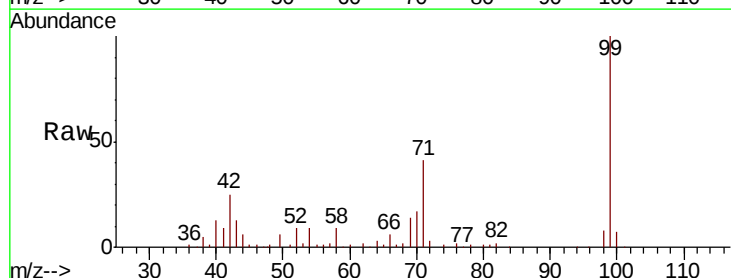
Tgt Ion: 77 Resp: 220

Ion Ratio Lower Upper

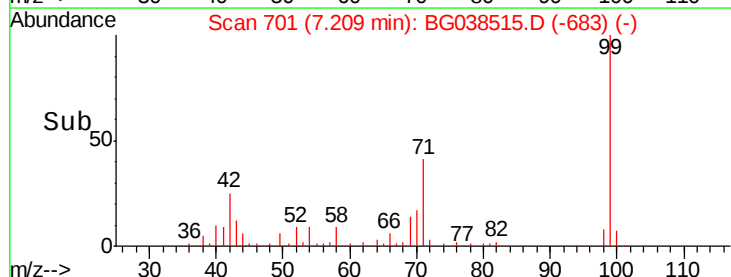
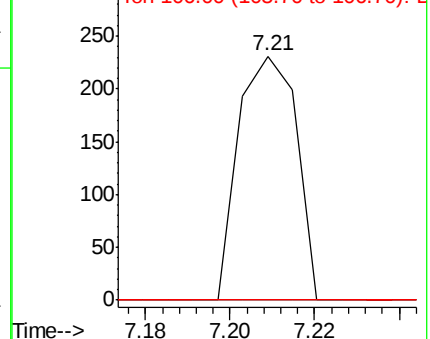
77 100

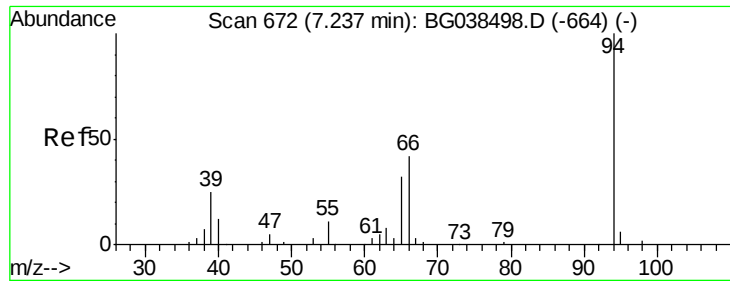
105 0.0 74.0 114.0#

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: 5.289 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampled :

TP-5

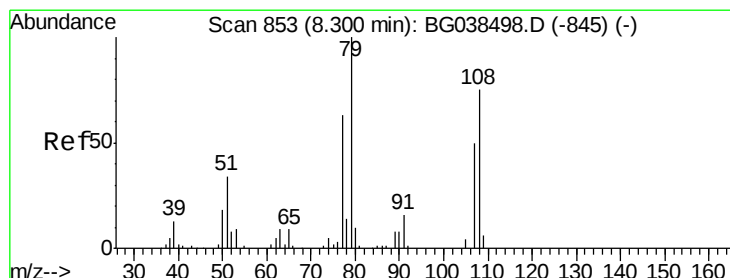
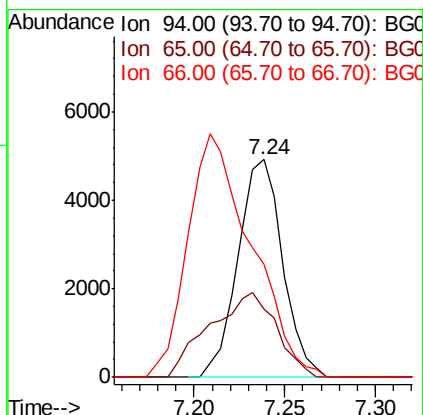
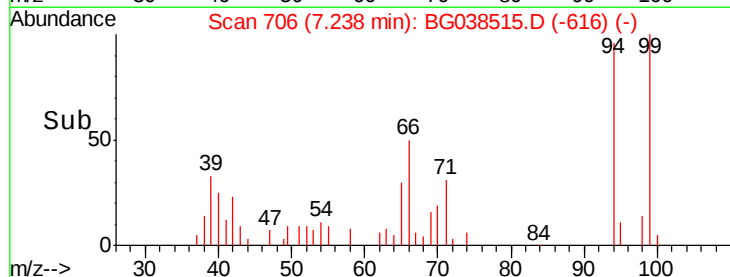
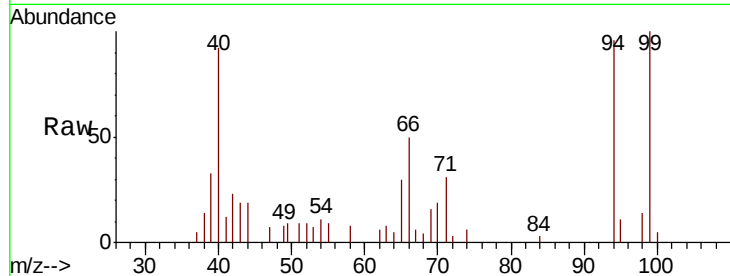
Tgt Ion: 94 Resp: 8411

Ion Ratio Lower Upper

94 100

65 31.3 12.6 52.6

66 51.7 24.1 64.1



#15

Benzyl Alcohol

Concen: 1.486 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

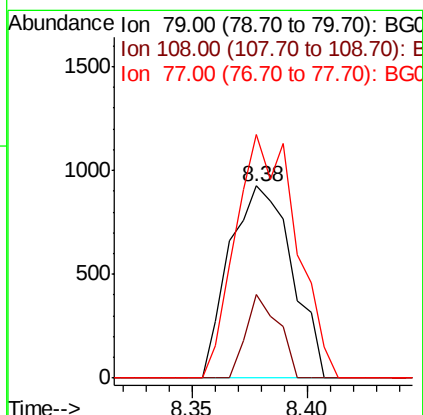
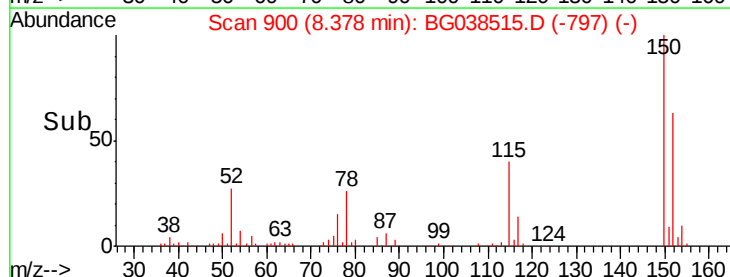
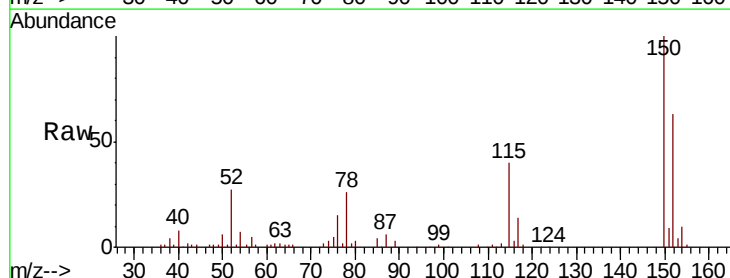
Tgt Ion: 79 Resp: 1736

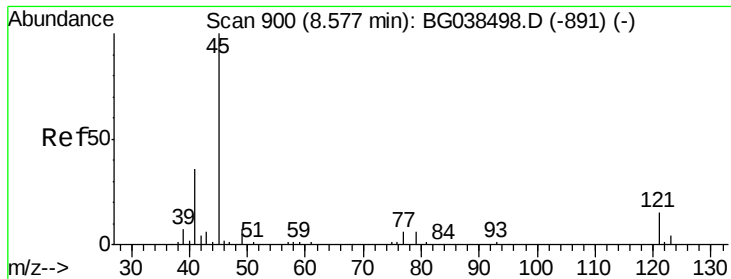
Ion Ratio Lower Upper

79 100

108 43.5 60.2 90.4#

77 126.8 50.7 76.1#

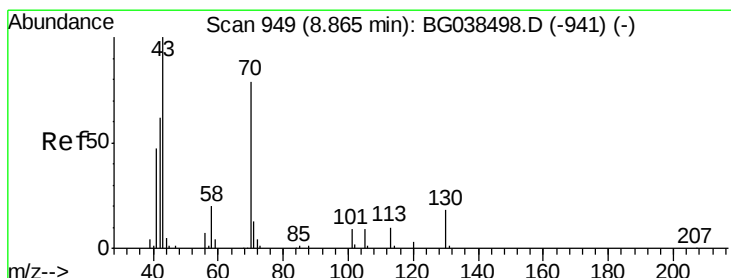
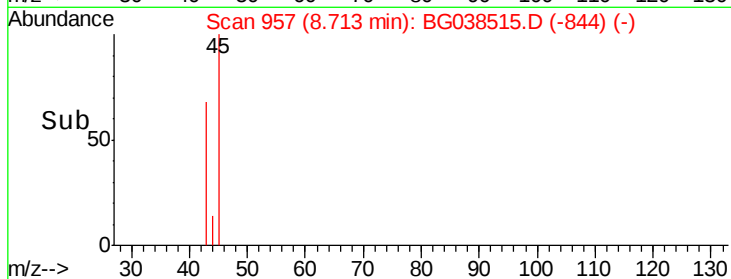
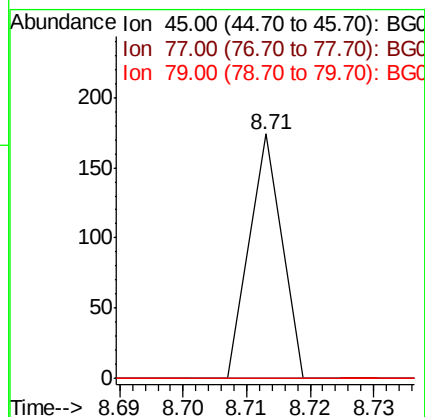
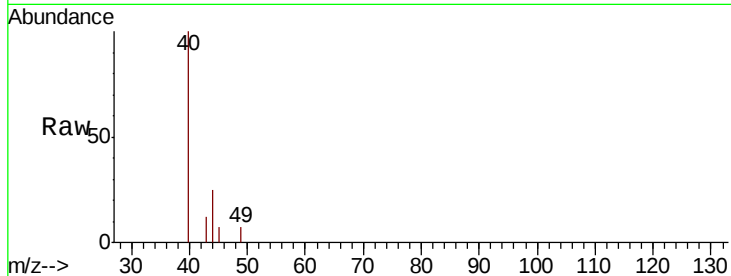




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.021 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.14 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

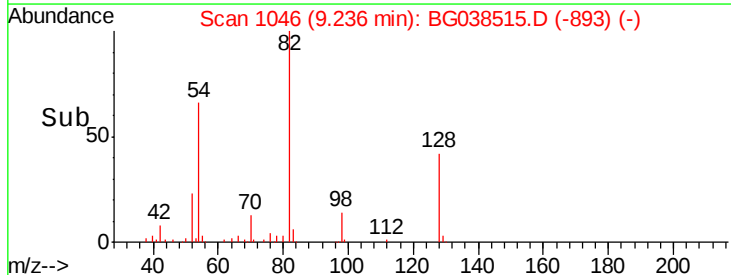
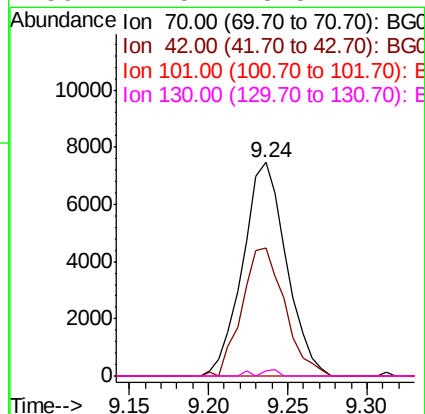
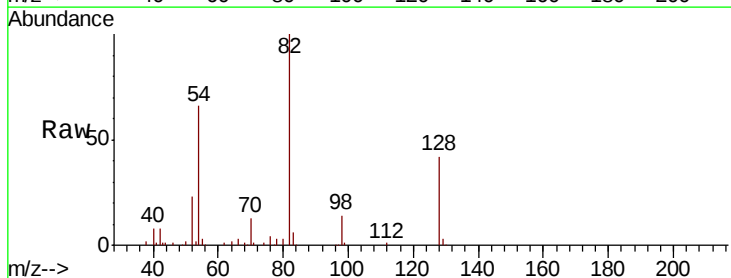
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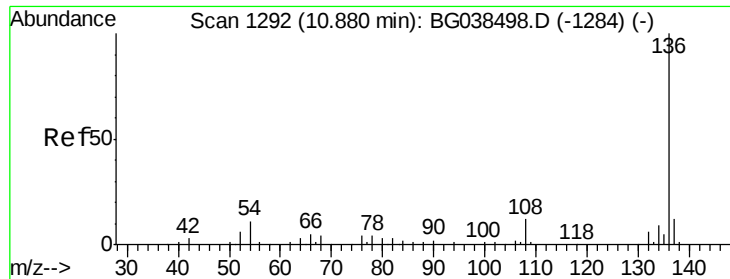
Tgt Ion:	45	Resp:	61
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	28.2
79	0.0	0.0	27.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.538 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038515.D
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Tgt Ion:	70	Resp:	14234
Ion	Ratio	Lower	Upper
70	100		
42	59.9	63.6	95.4#
101	0.0	9.2	13.8#
130	2.5	18.5	27.7#

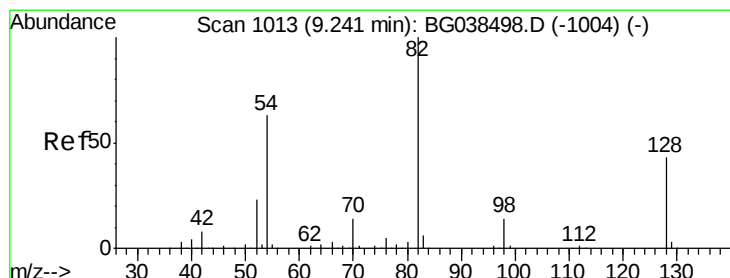
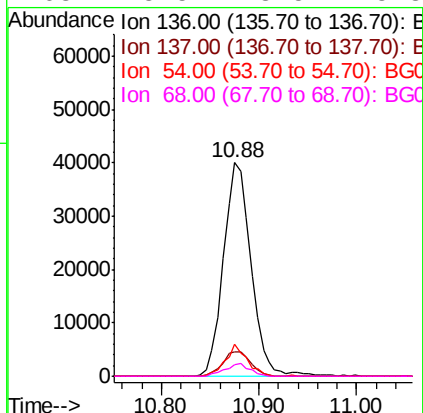
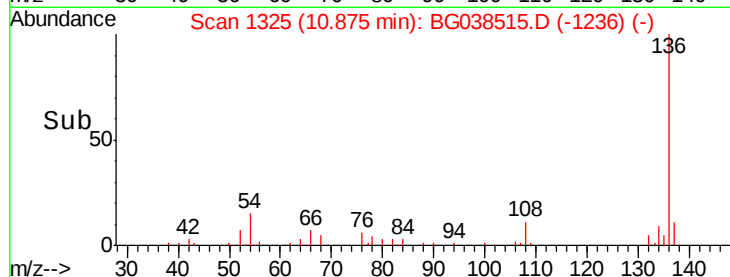
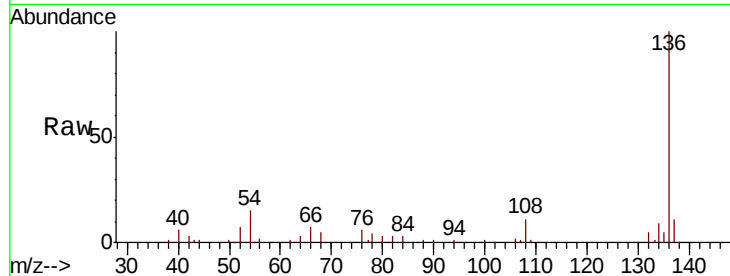




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

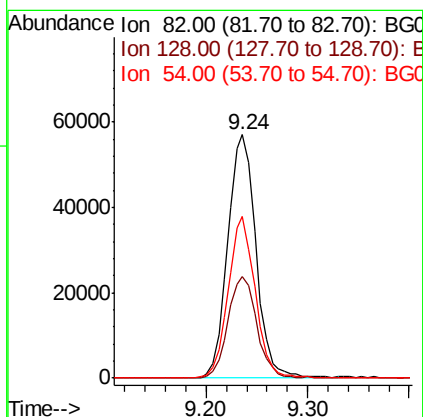
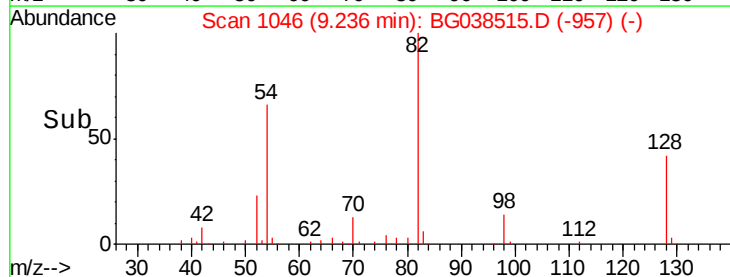
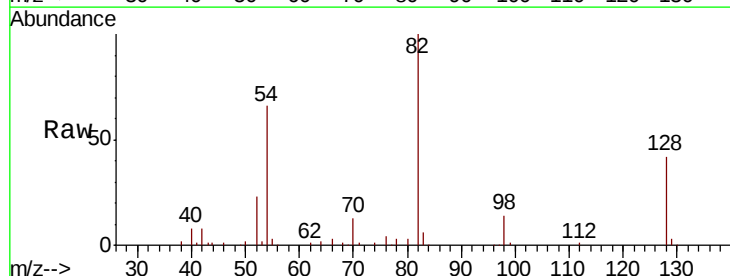
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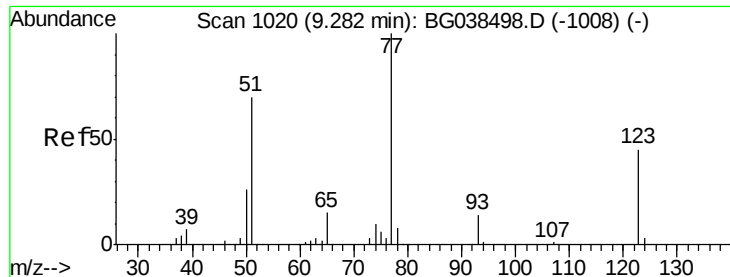
Tgt Ion:	136	Resp:	78770
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	14.8	8.5	12.7#
68	5.5	3.5	5.3#



#23
Nitrobenzene-d5
Concen: 71.379 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion:	82	Resp:	110058
Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	66.4	50.6	76.0

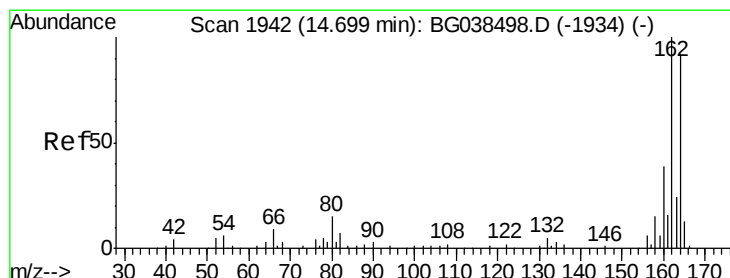
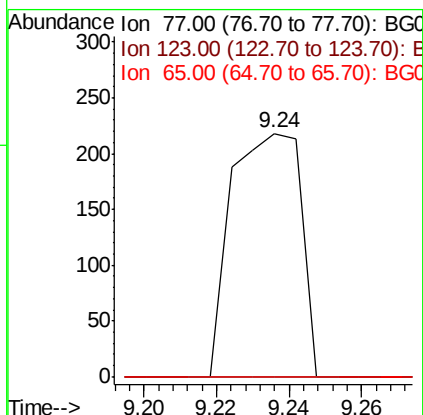
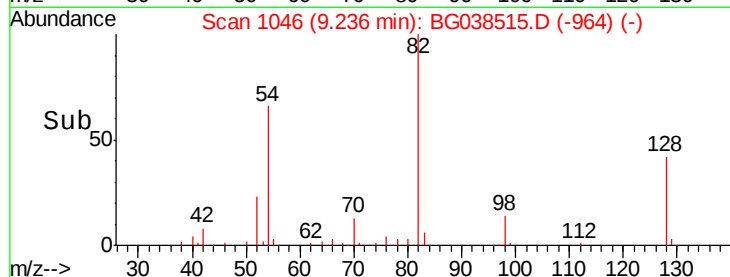
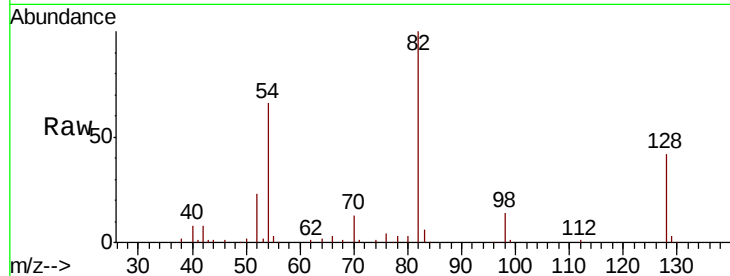




#24
Nitrobenzene
Concen: 0.186 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

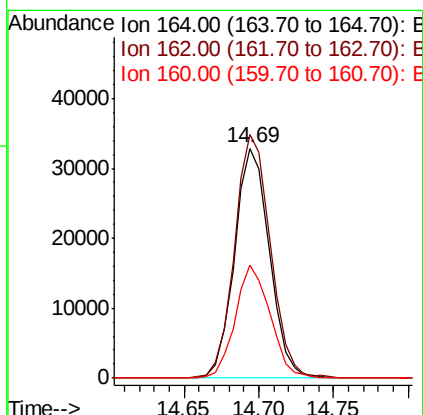
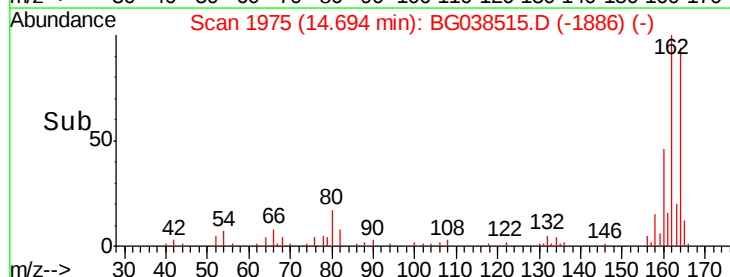
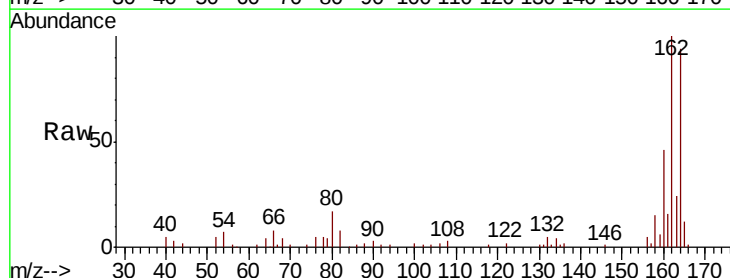
Instrument :
BNA_G
ClientSampleId :
TP-5

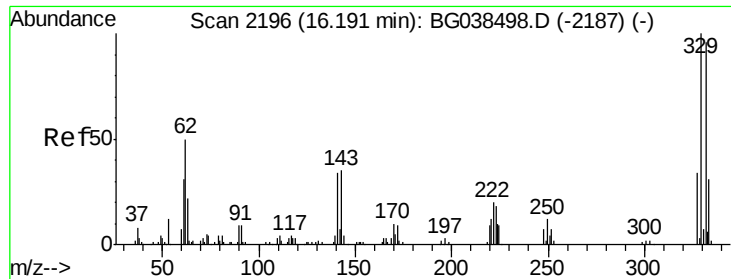
Tgt Ion: 77 Resp: 290
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion: 164 Resp: 53384
Ion Ratio Lower Upper
164 100
162 105.9 86.6 130.0
160 49.1 34.2 51.2

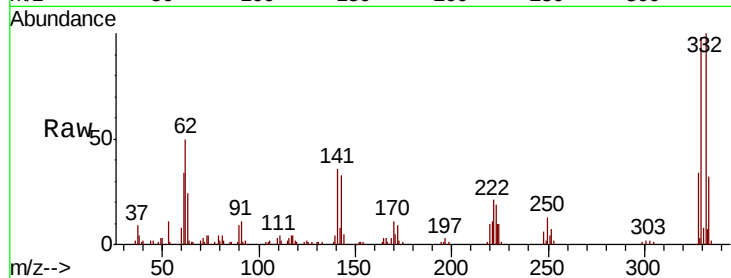




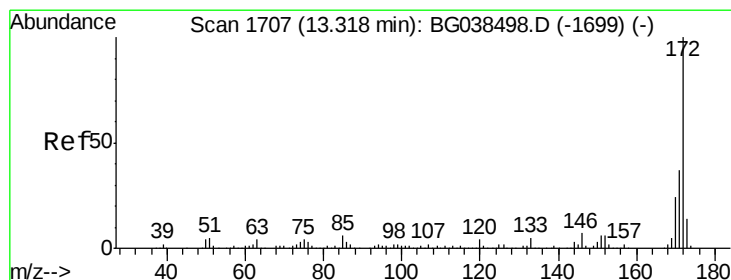
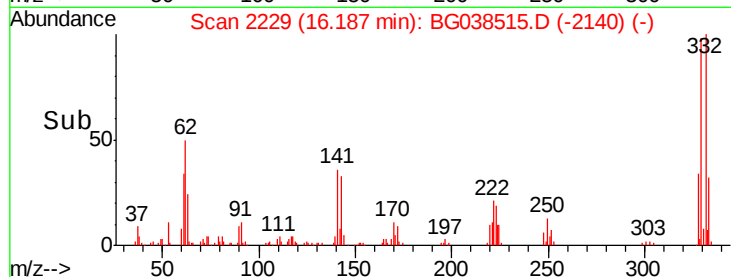
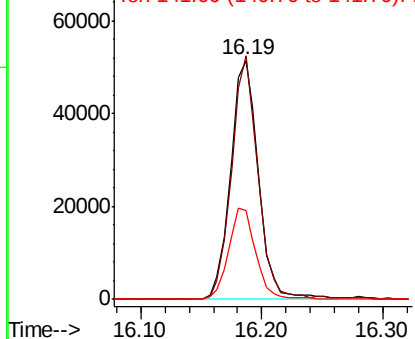
#42
 2,4,6-Tribromophenol
 Concen: 112.297 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:330 Resp: 82620
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.9 115.3
 141 37.5 28.8 43.2

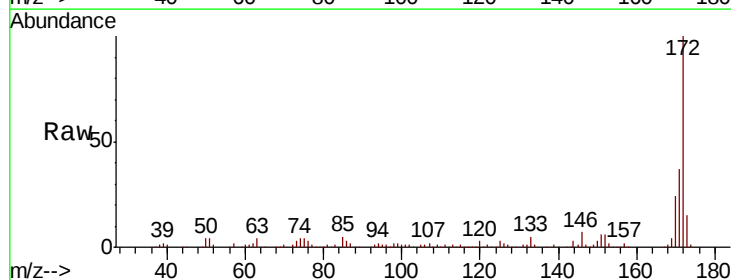


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

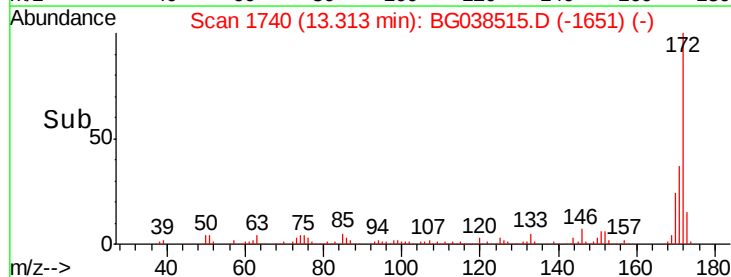
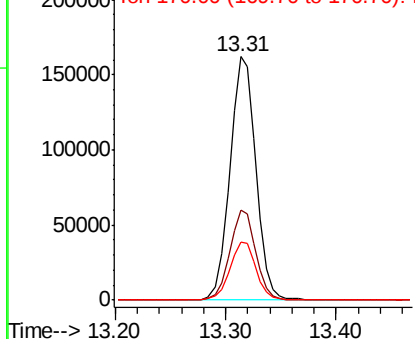


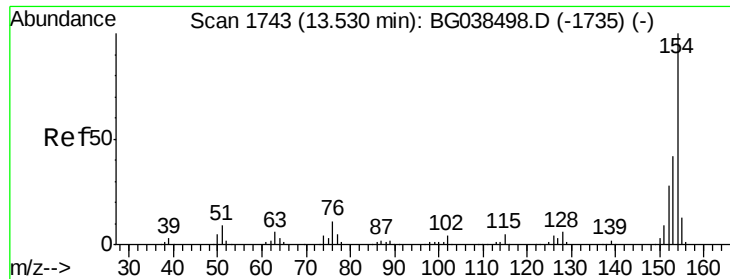
#45
 2-Fluorobiphenyl
 Concen: 68.566 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:172 Resp: 266818
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.8 44.6
 170 24.0 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

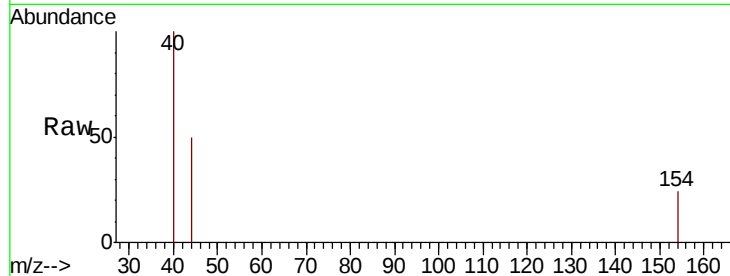




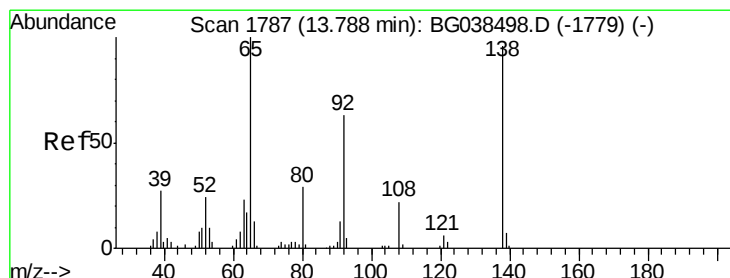
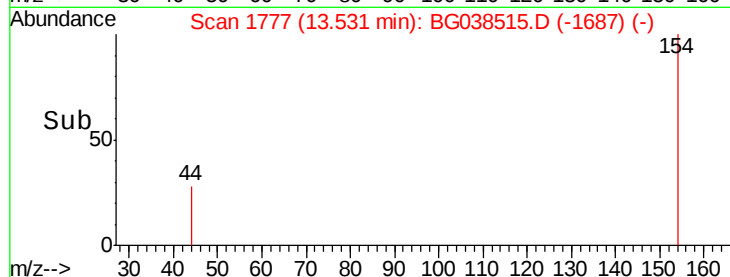
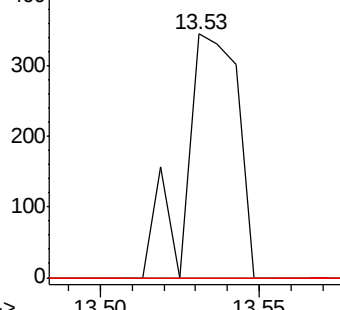
#46
 1,1'-Biphenyl
 Concen: 0.089 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion: 154 Resp: 400
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.1 62.1#
 76 0.0 0.0 31.2

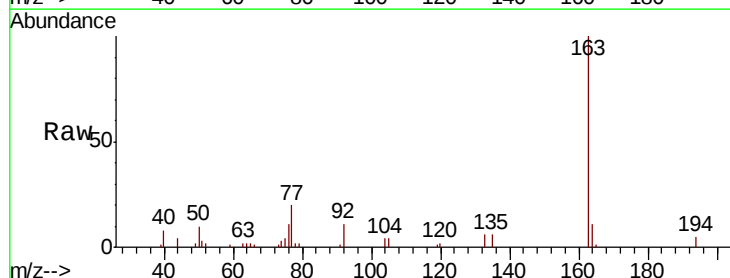


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

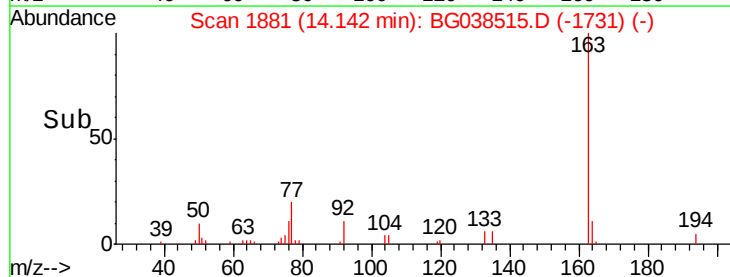
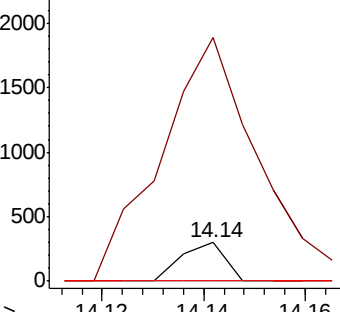


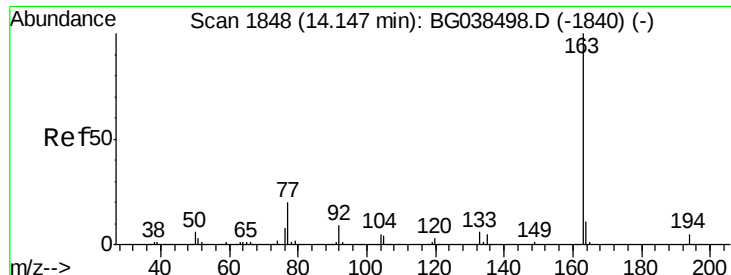
#48
 2-Nitroaniline
 Concen: 0.163 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. 0.35 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion: 65 Resp: 180
 Ion Ratio Lower Upper
 65 100
 92 629.7 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: 6.687 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

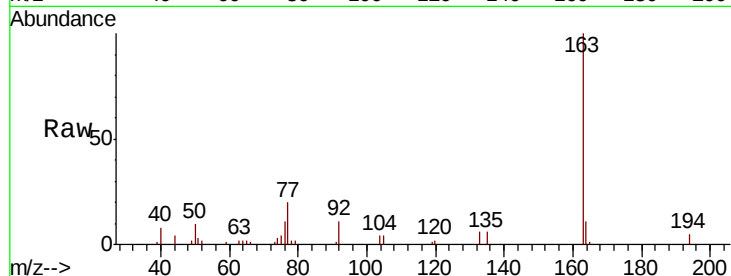
Tgt Ion:163 Resp: 29152

Ion Ratio Lower Upper

163 100

194 5.4 3.7 5.5

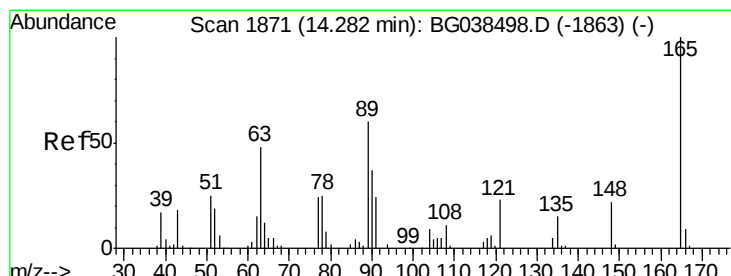
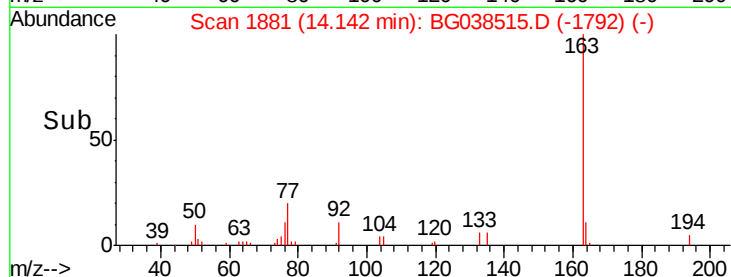
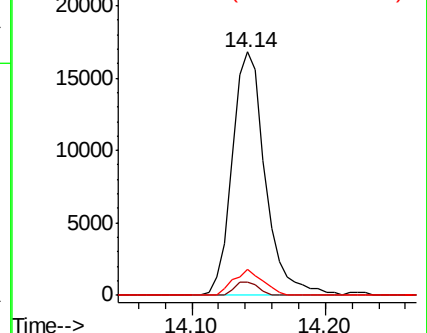
164 10.6 8.6 12.8



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: 7.221 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

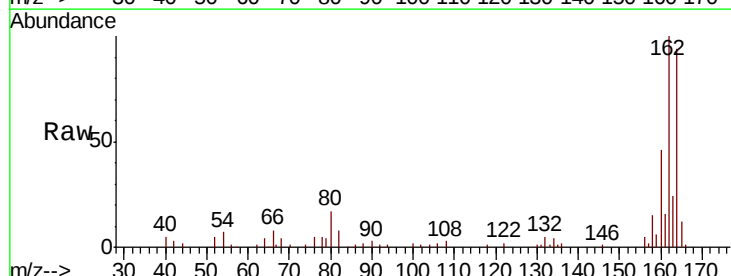
Tgt Ion:165 Resp: 7134

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

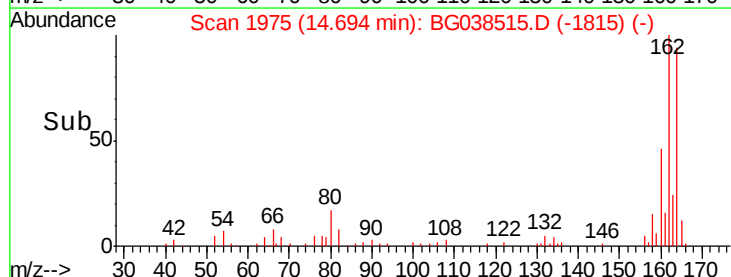
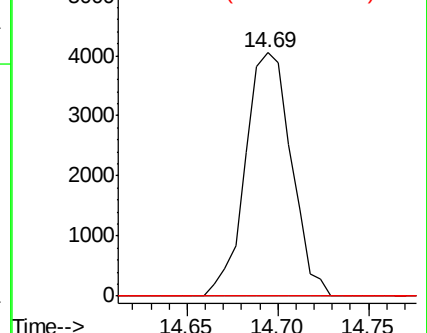
89 0.0 47.9 71.9#

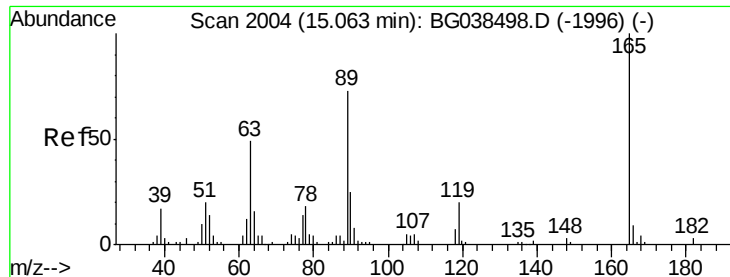


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

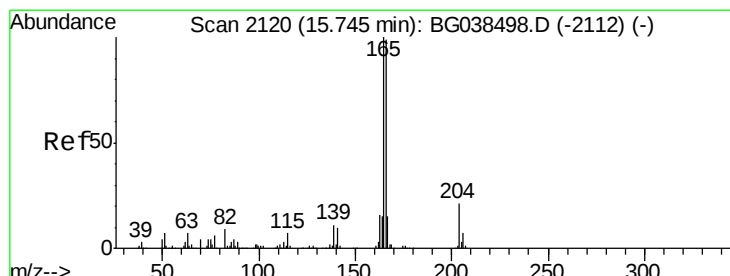
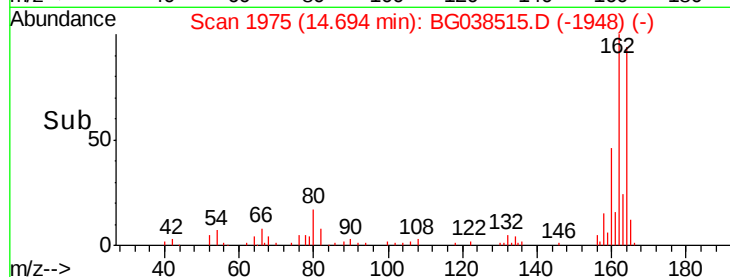
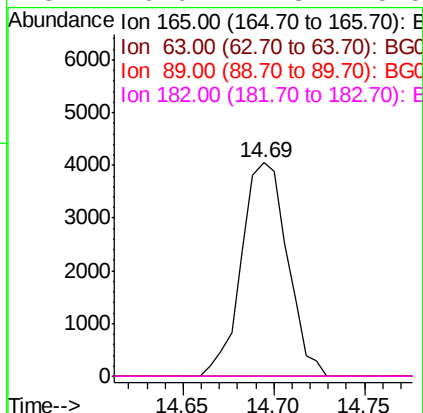
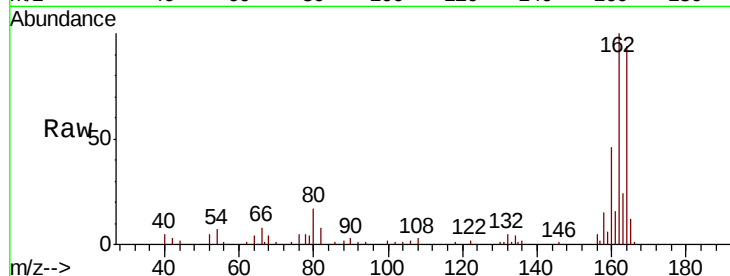




#57
 2,4-Dinitrotoluene
 Concen: 5.127 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

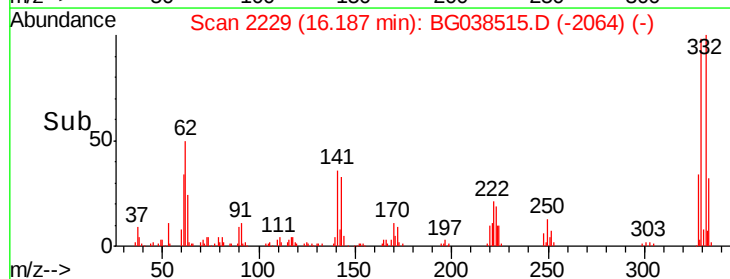
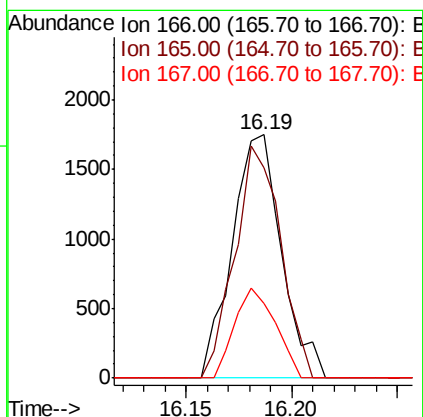
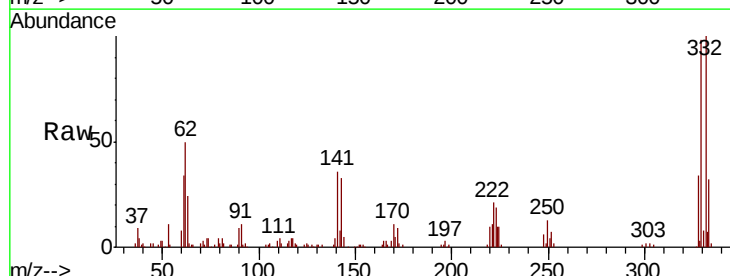
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

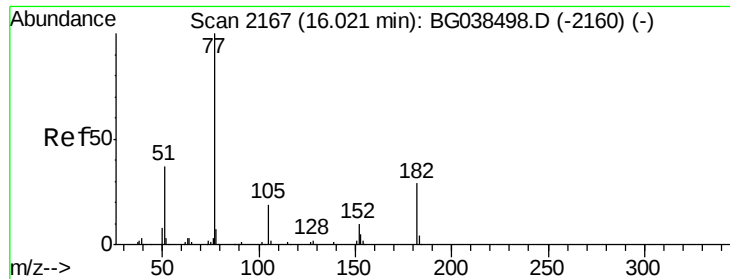
Tgt Ion:	165	Resp:	7134
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#58
 Fluorene
 Concen: 0.721 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. 0.44 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:	166	Resp:	2831
Ion	Ratio	Lower	Upper
166	100		
165	86.4	80.6	120.8
167	30.7	12.0	18.0#

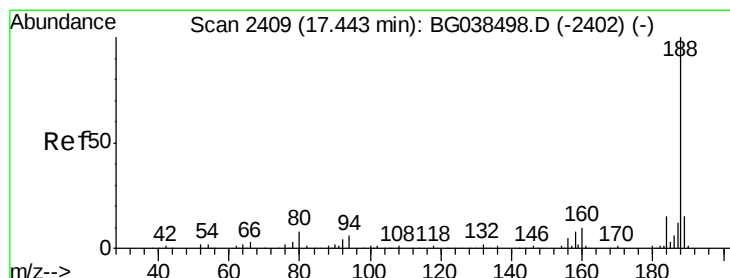
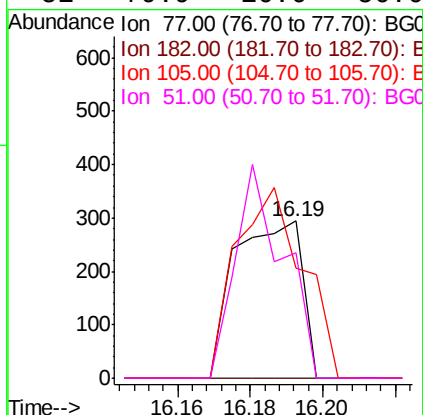
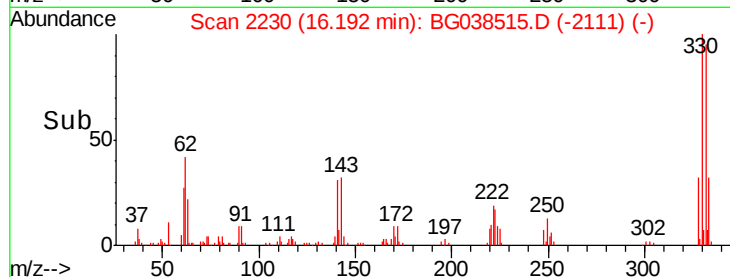
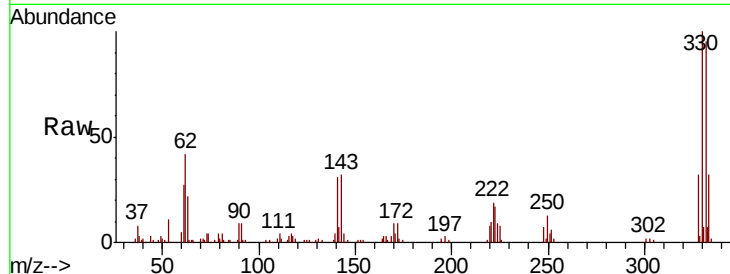




#63
Azobenzene
Concen: 0.095 ng
RT: 16.19 min Scan# 2230
Delta R.T. 0.17 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

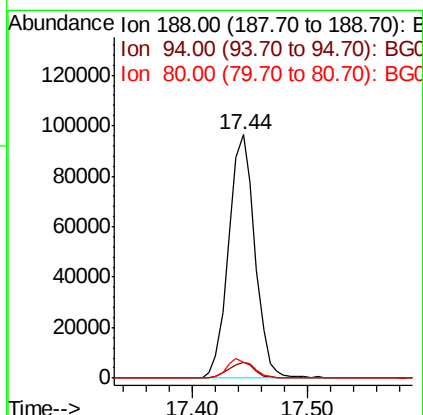
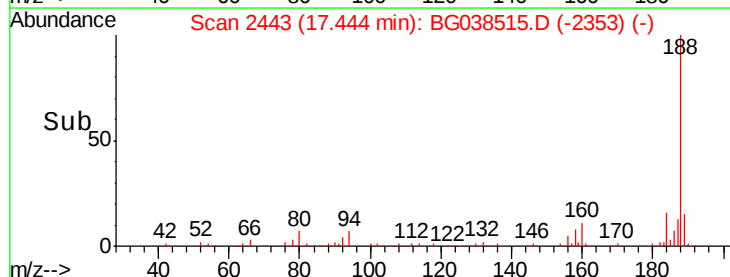
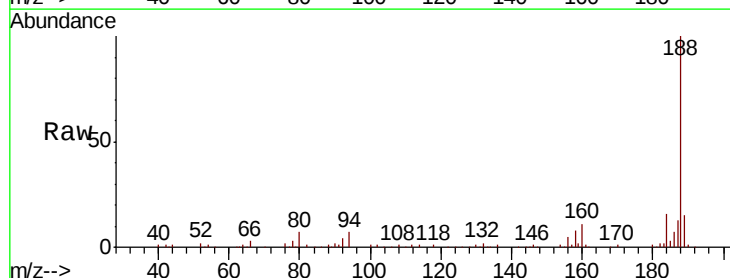
Instrument :
BNA_G
ClientSampleId :
TP-5

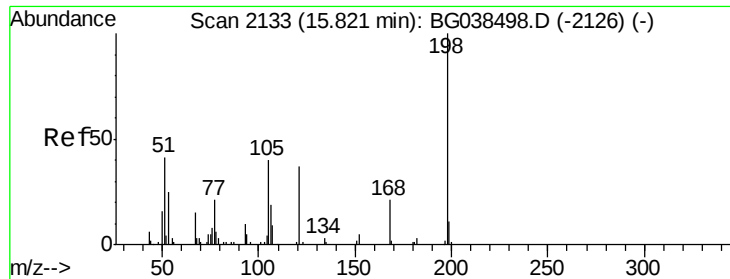
Tgt Ion: 77 Resp: 378
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 70.1 0.0 38.7#
51 79.9 16.6 56.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion: 188 Resp: 152243
Ion Ratio Lower Upper
188 100
94 6.7 5.1 7.7
80 6.7 6.1 9.1

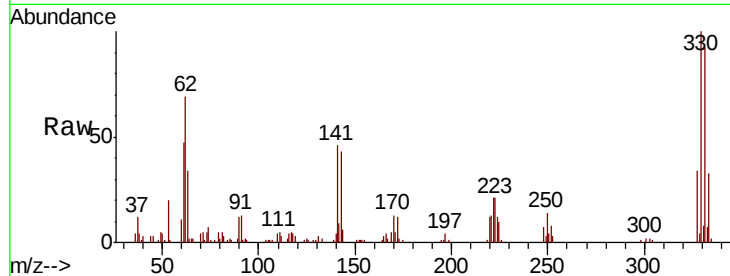




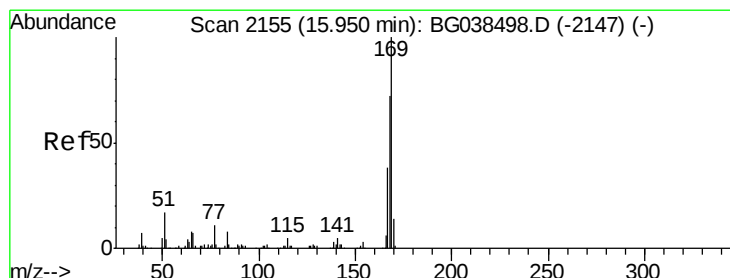
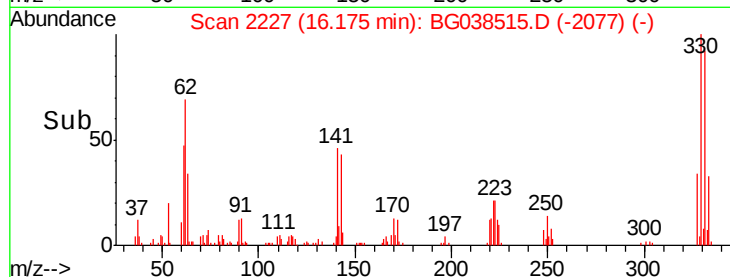
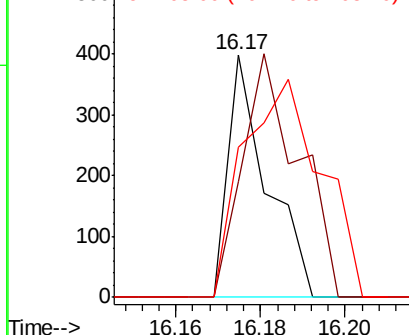
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.235 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. 0.35 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:198 Resp: 255
 Ion Ratio Lower Upper
 198 100
 51 47.6 28.6 68.6
 105 61.9 20.4 60.4#

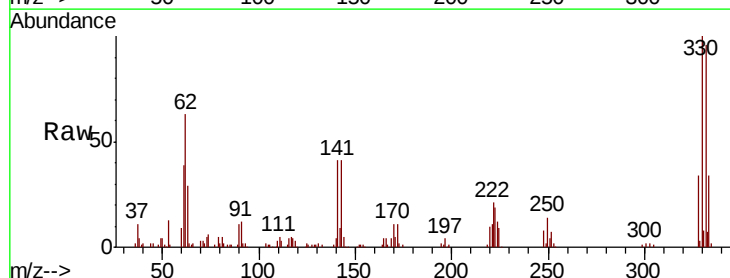


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

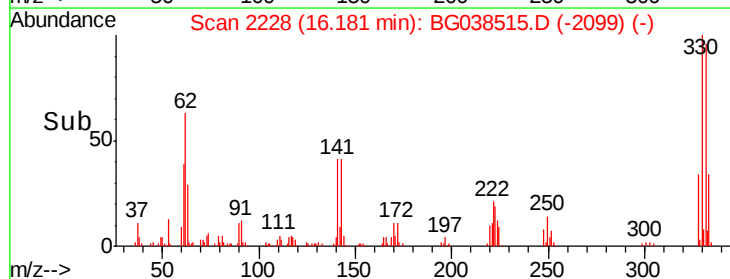
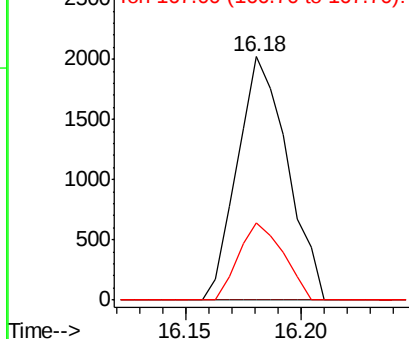


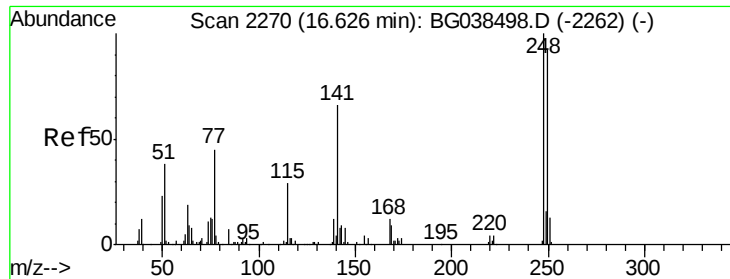
#66
 n-Nitrosodiphenylamine
 Concen: 0.681 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.23 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:169 Resp: 3048
 Ion Ratio Lower Upper
 169 100
 168 0.0 57.5 86.3#
 167 31.8 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

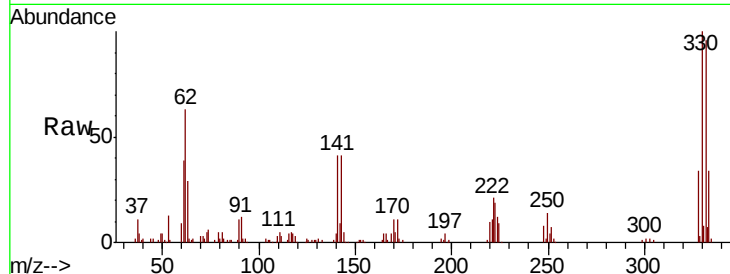




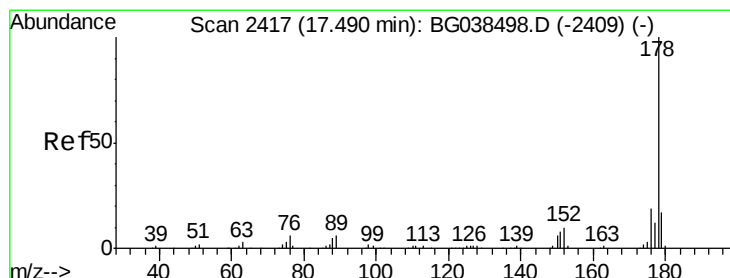
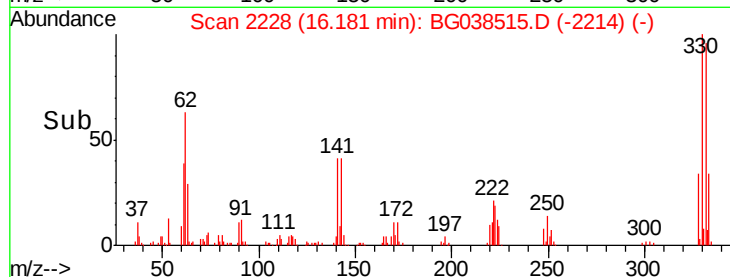
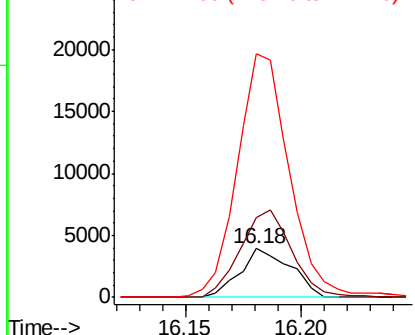
#67
 4-Bromophenyl-phenylether
 Concen: 3.230 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampled :
 TP-5

Tgt Ion:248 Resp: 6005
 Ion Ratio Lower Upper
 248 100
 250 169.8 73.4 110.2#
 141 396.4 52.9 79.3#

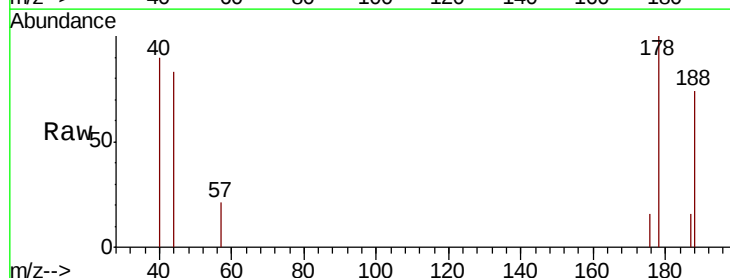


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

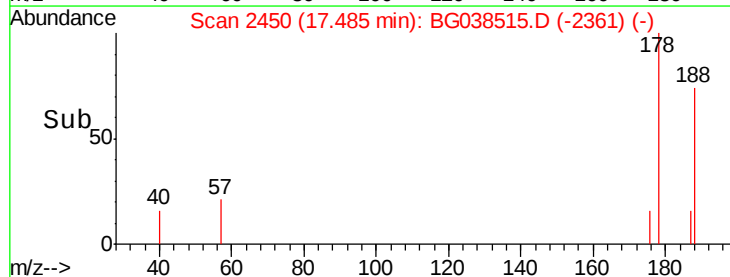
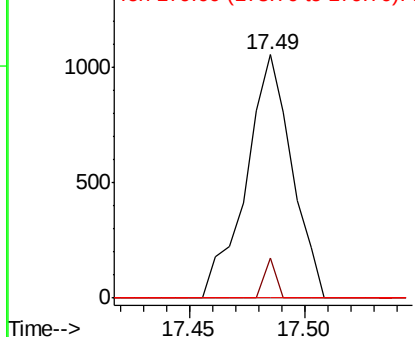


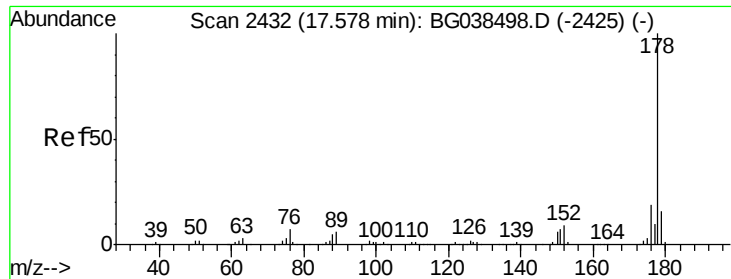
#71
 Phenanthrene
 Concen: 0.185 ng
 RT: 17.49 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:178 Resp: 1458
 Ion Ratio Lower Upper
 178 100
 176 16.3 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: 0.187 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

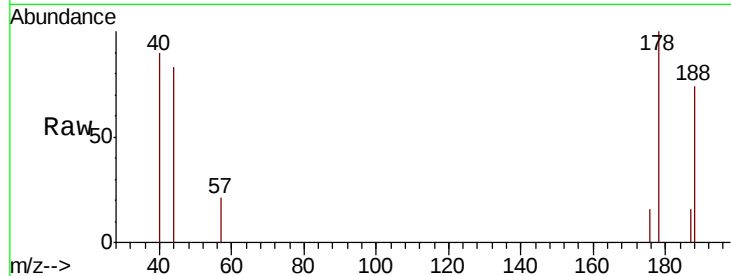
Tgt Ion:178 Resp: 1458

Ion Ratio Lower Upper

178 100

176 16.3 15.1 22.7

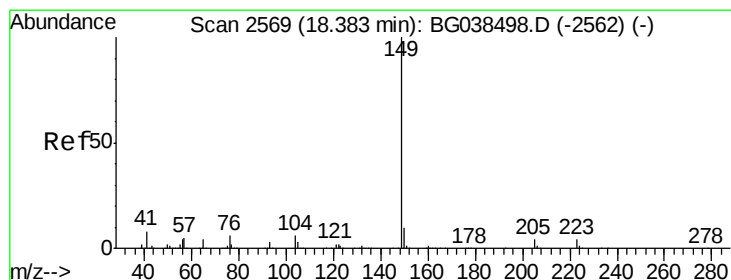
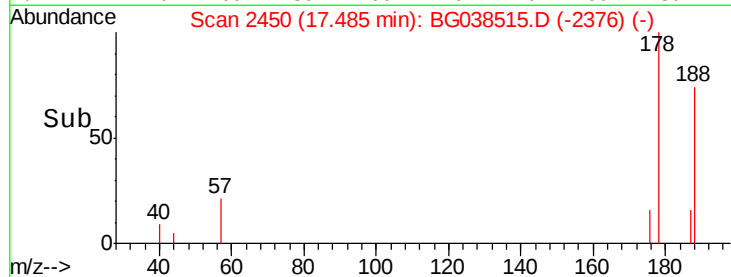
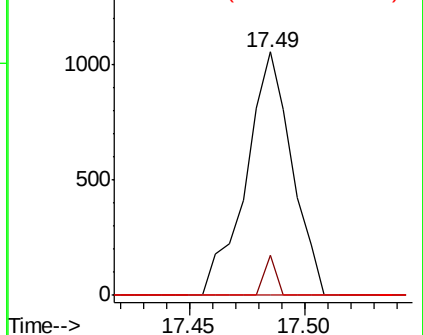
179 0.0 12.9 19.3#



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: 0.051 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

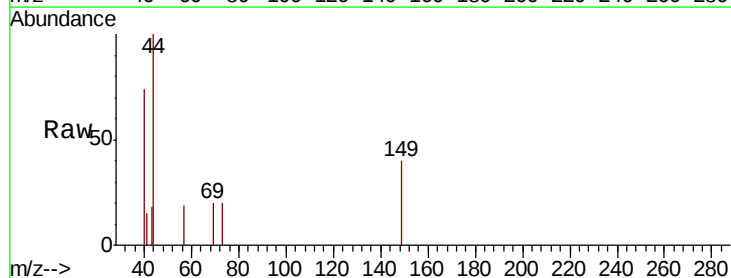
Tgt Ion:149 Resp: 450

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

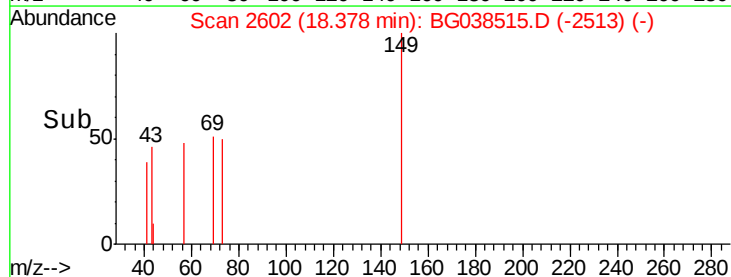
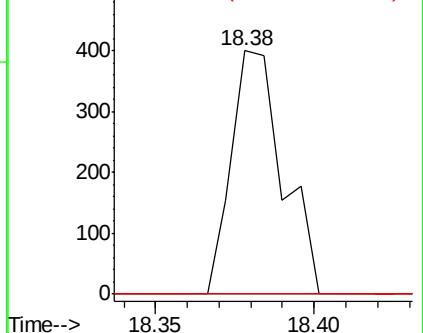
104 0.0 5.0 7.4#

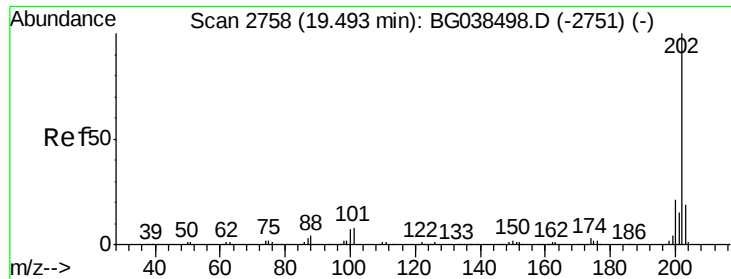


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

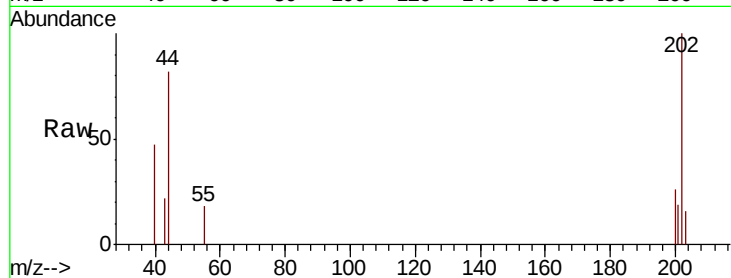




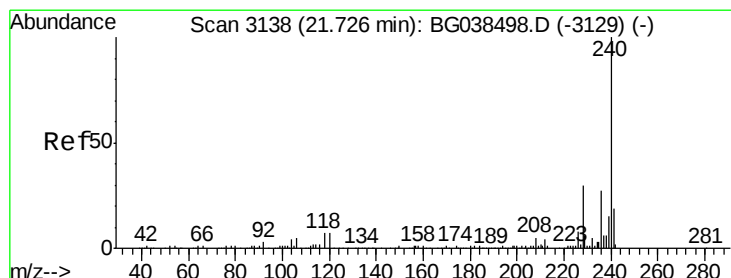
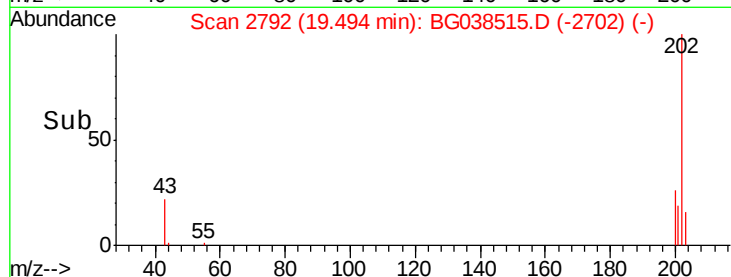
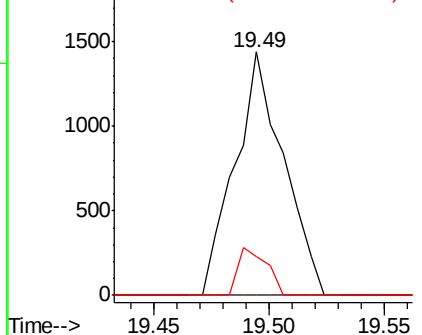
#75
 Fluoranthene
 Concen: 0.216 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:	202	Resp:	2110
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.1
203	16.0	0.0	39.0

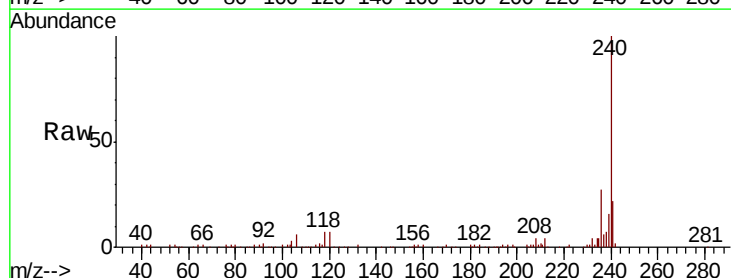


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

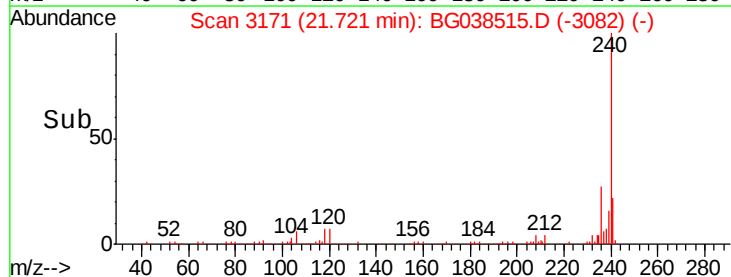
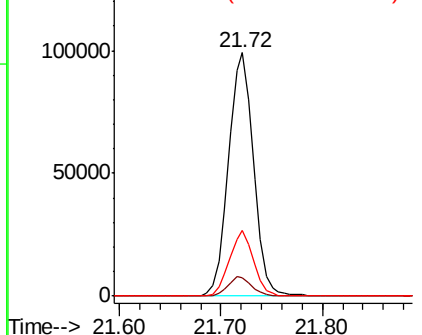


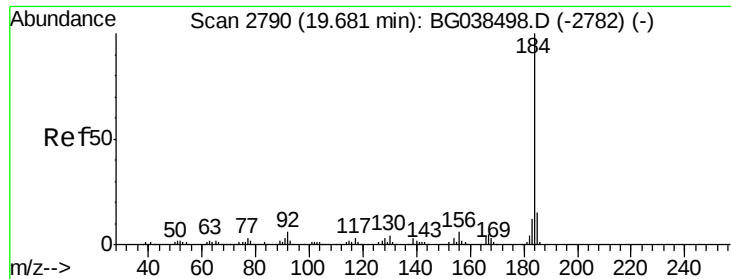
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038515.D
 Acq: 13 Dec 2018 1:59

Tgt Ion:	240	Resp:	169249
Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.3	7.9
236	27.1	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: 1.942 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

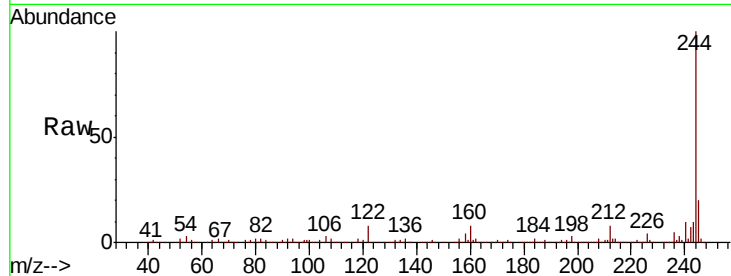
Tgt Ion:184 Resp: 9720

Ion Ratio Lower Upper

184 100

185 18.8 12.2 18.2#

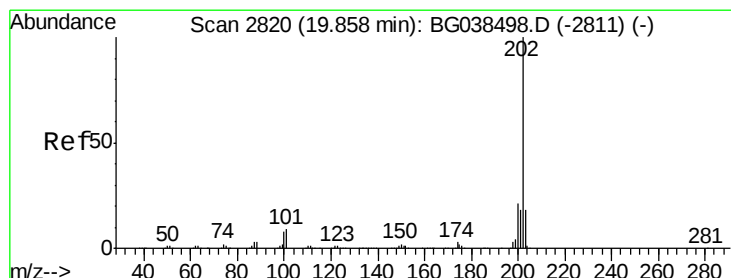
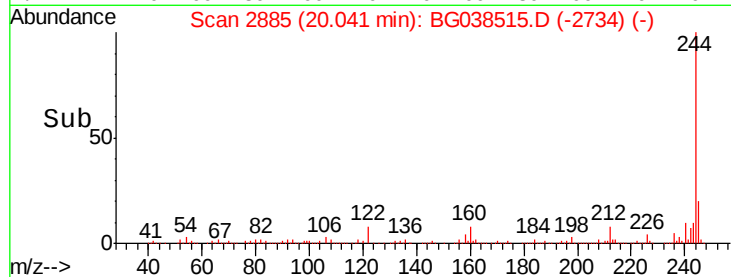
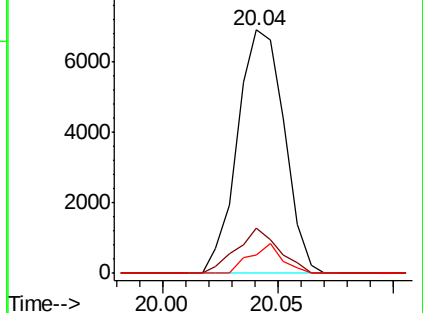
183 7.7 9.6 14.4#



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: 0.175 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

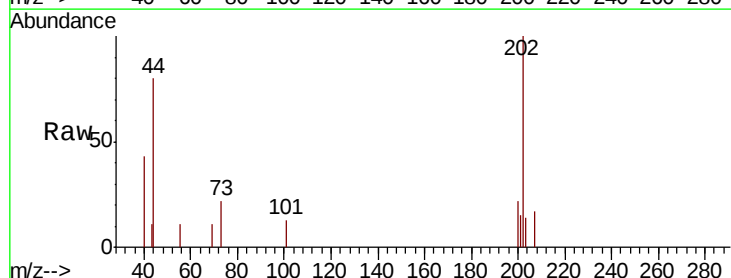
Tgt Ion:202 Resp: 1960

Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

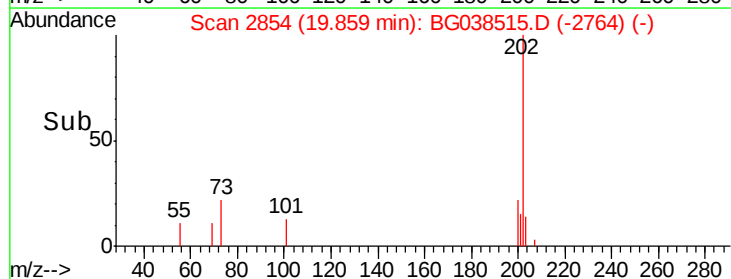
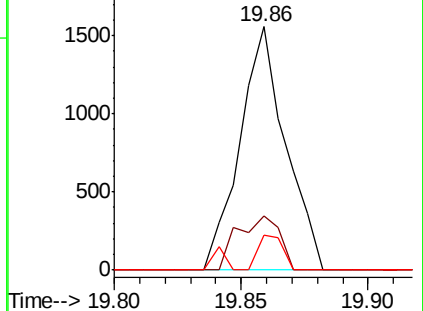
203 14.4 14.6 21.8#

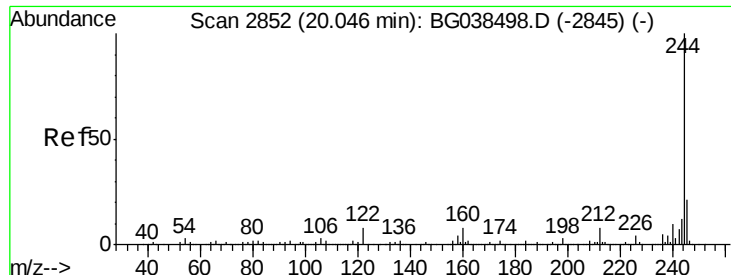


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.389 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampled :

TP-5

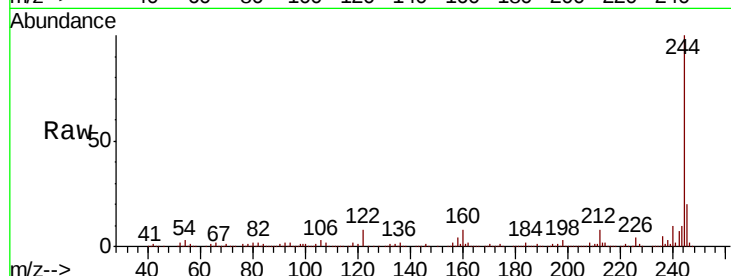
Tgt Ion:244 Resp: 570735

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

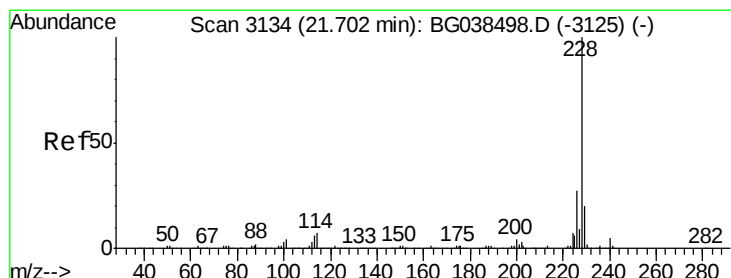
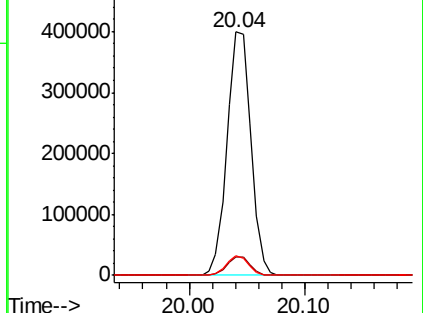
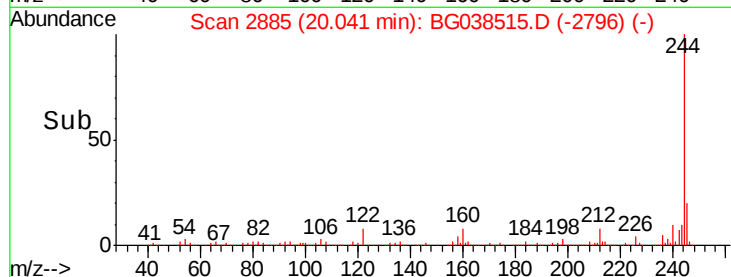
122 7.9 6.3 9.5



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



#81

Benzo(a)anthracene

Concen: 0.124 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

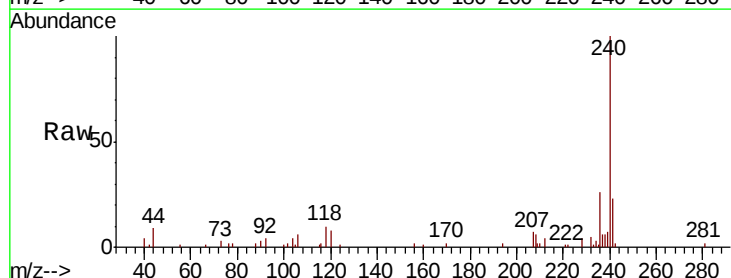
Tgt Ion:228 Resp: 1283

Ion Ratio Lower Upper

228 100

226 0.0 21.8 32.8#

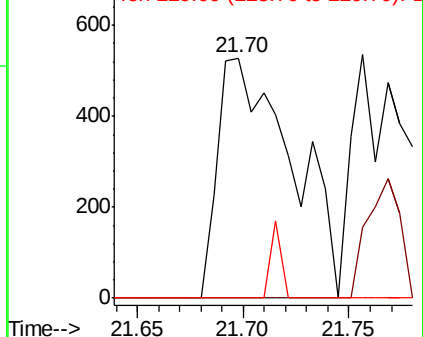
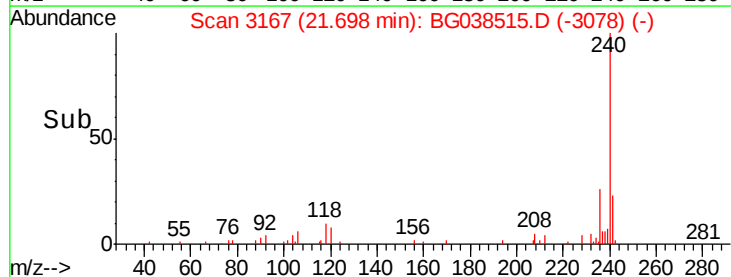
229 0.0 15.8 23.6#

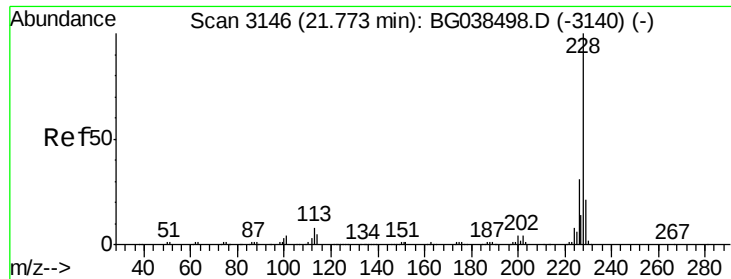


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 0.042 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

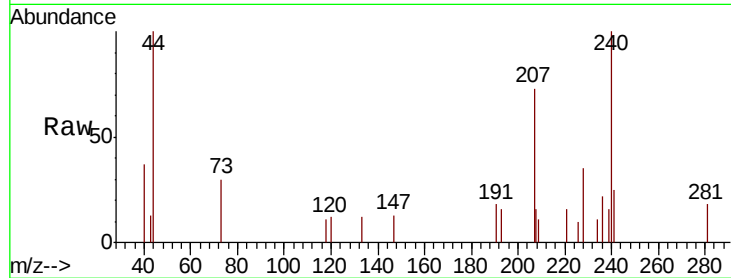
Tgt Ion: 228 Resp: 420

Ion Ratio Lower Upper

228 100

226 29.3 25.0 37.4

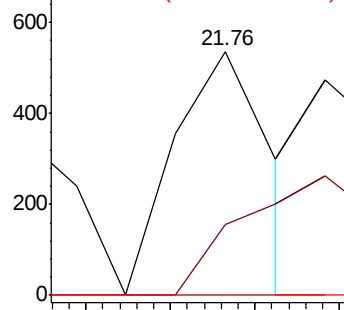
229 0.0 16.5 24.7#



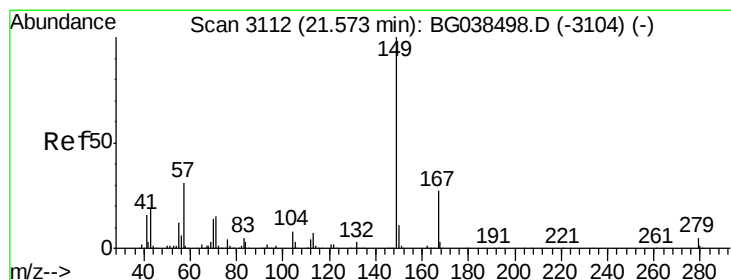
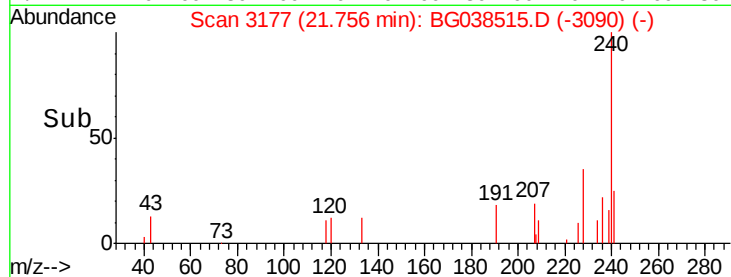
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.388 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

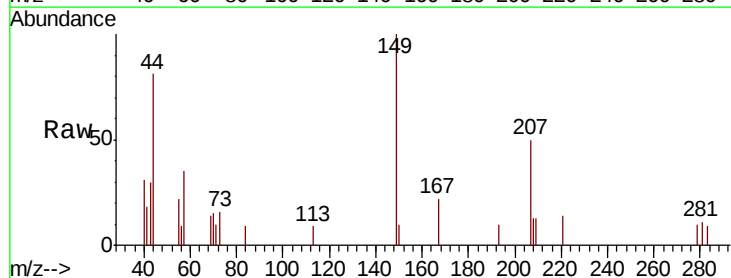
Tgt Ion: 149 Resp: 2402

Ion Ratio Lower Upper

149 100

167 21.6 21.9 32.9#

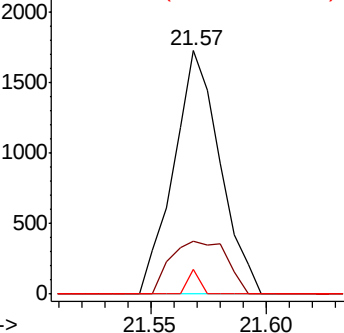
279 10.1 4.2 6.2#



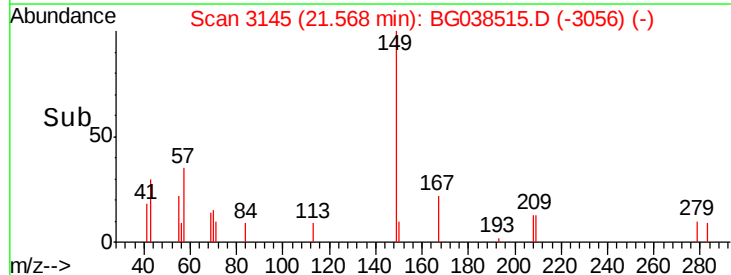
Abundance Ion 149.00 (148.70 to 149.70): E

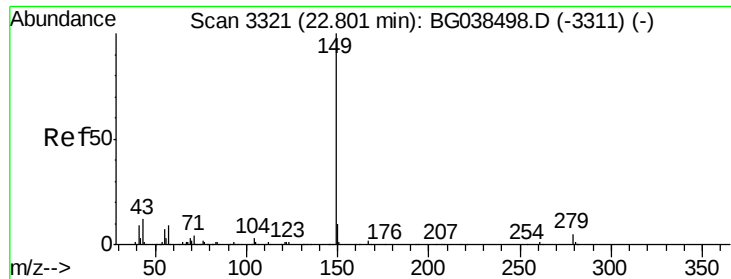
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

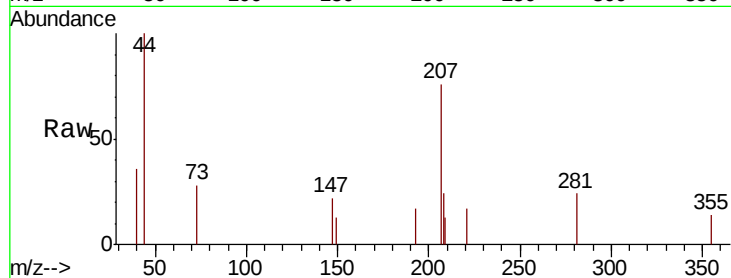




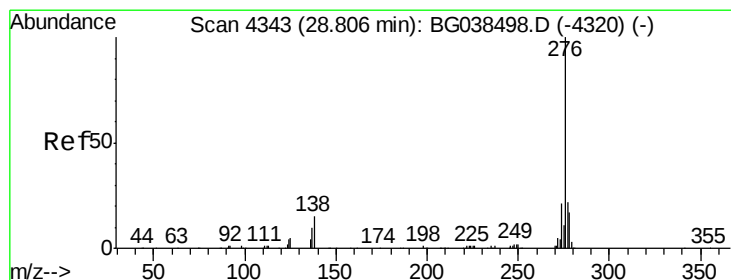
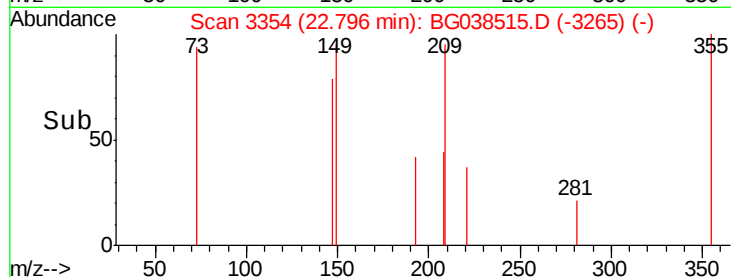
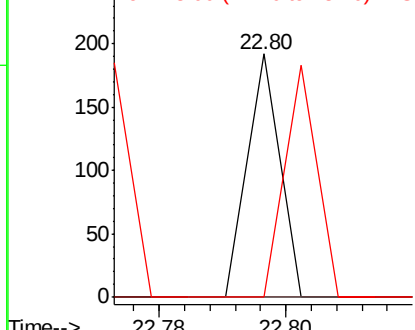
#85
Di-n-octyl phthalate
Concen: 0.007 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion:149 Resp: 68
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 95.6 9.3 13.9#

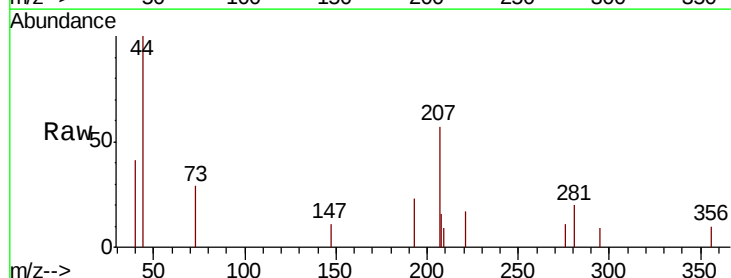


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

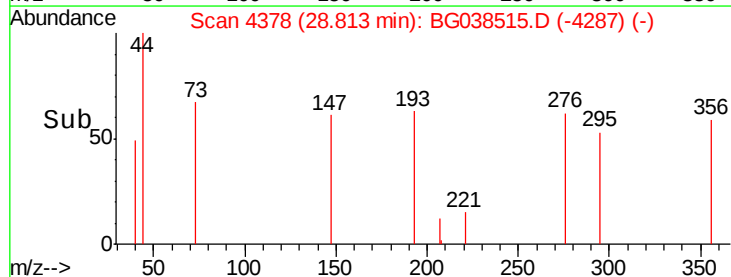
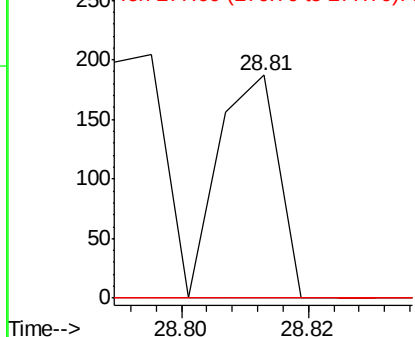


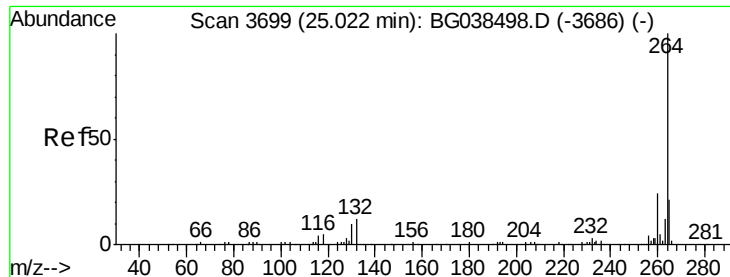
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.010 ng
RT: 28.81 min Scan# 4378
Delta R.T. 0.01 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion:276 Resp: 121
Ion Ratio Lower Upper
276 100
138 0.0 14.4 21.6#
277 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



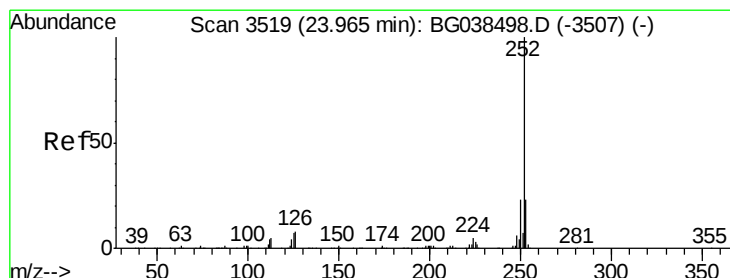
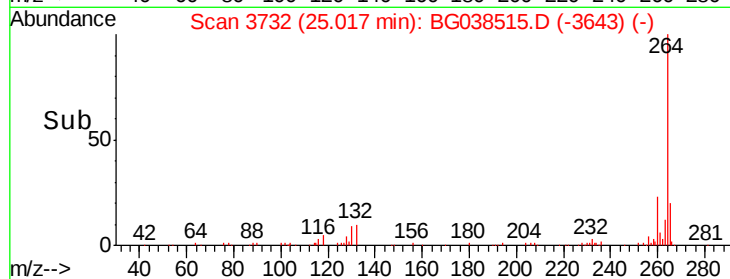
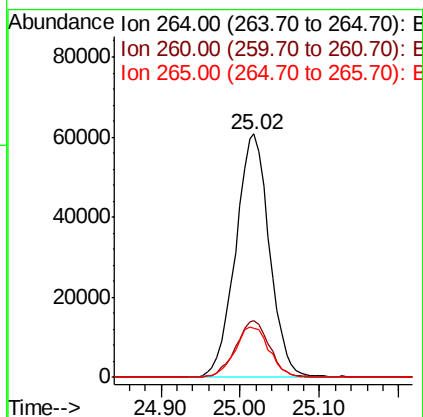
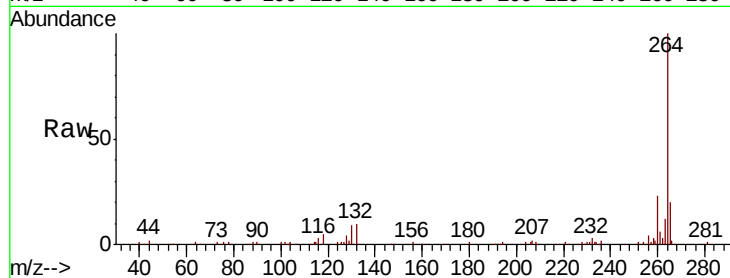


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 264 Resp: 179465

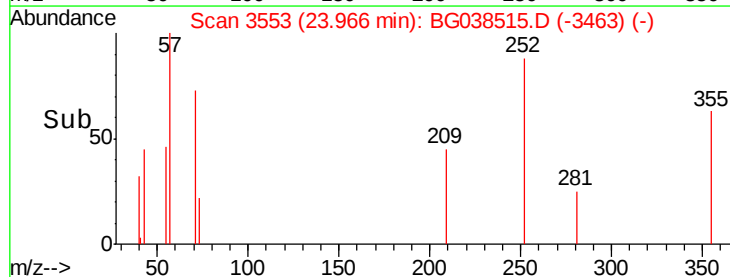
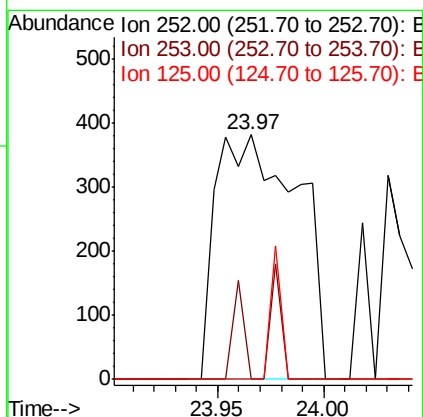
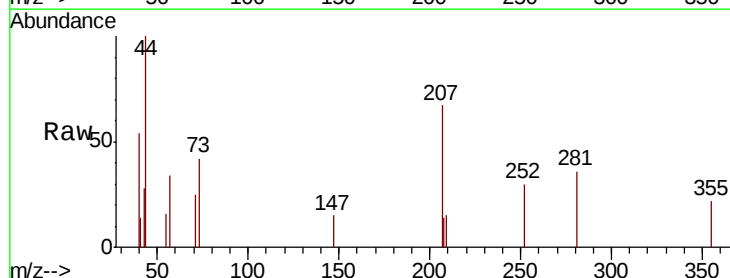
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	20.0	17.0	25.4

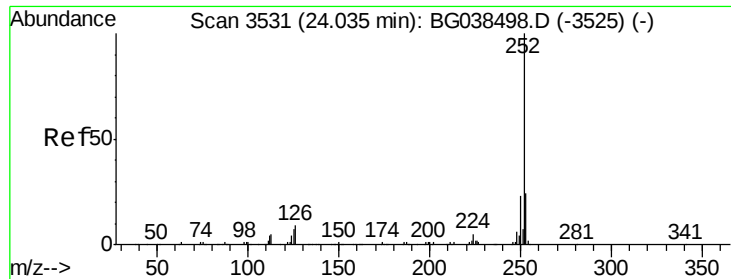


#88
Benzo(b)fluoranthene
Concen: 0.104 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion: 252 Resp: 1027

Ion	Ratio	Lower	Upper
252	100		
253	0.0	18.1	27.1#
125	0.0	5.5	8.3#

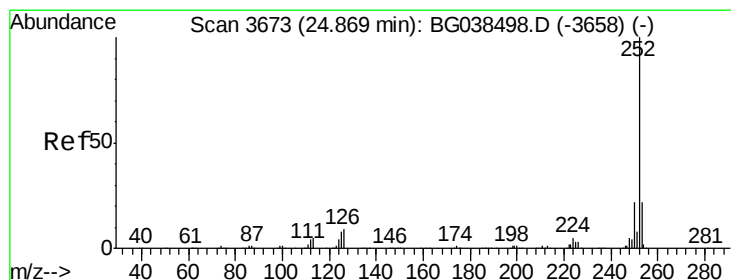
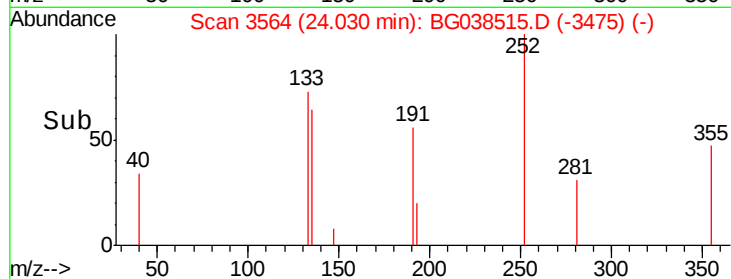
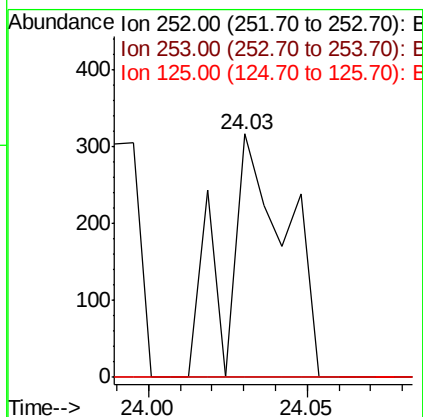
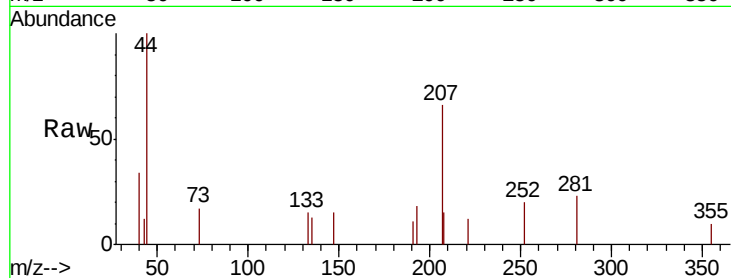




#89
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

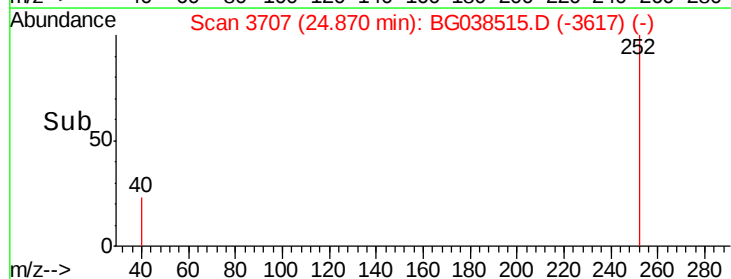
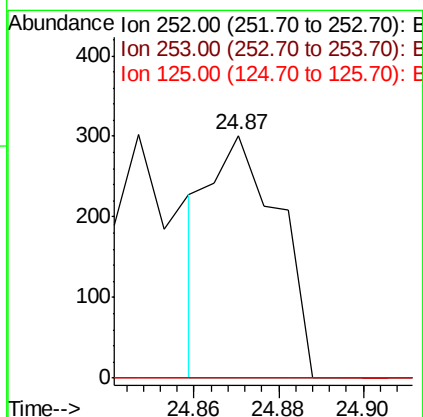
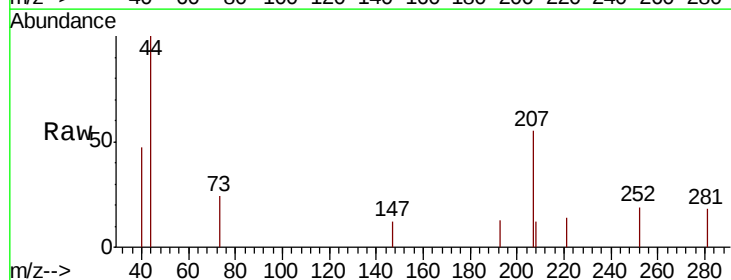
Instrument :
BNA_G
ClientSampled :
TP-5

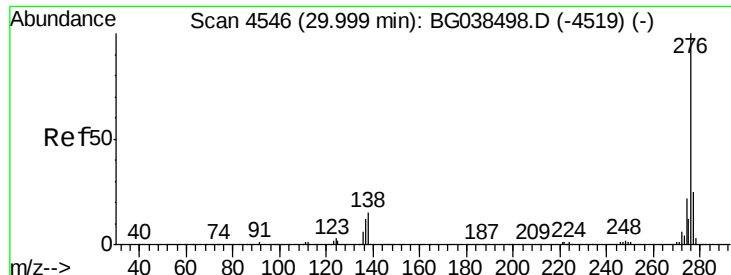
Tgt Ion: 252 Resp: 420
Ion Ratio Lower Upper
252 100
253 0.0 18.9 28.3#
125 0.0 5.4 8.2#



#90
Benzo(a)pyrene
Concen: 0.036 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG038515.D
Acq: 13 Dec 2018 1:59

Tgt Ion: 252 Resp: 340
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.0#
125 0.0 6.4 9.6#





#92

Benzo(g,h,i)perylene

Concen: 0.008 ng

RT: 29.98 min Scan# 4577

Delta R.T. -0.02 min

Lab File: BG038515.D

Acq: 13 Dec 2018 1:59

Instrument :

BNA_G

ClientSampleId :

TP-5

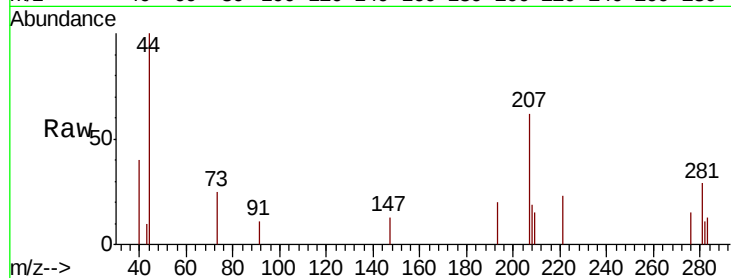
Tgt Ion: 276 Resp: 79

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

