

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038514.D
 Acq On : 13 Dec 2018 1:20
 Operator : JU/SJ
 Sample : J6331-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Dec 13 06:12:28 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	19938	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	84087	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	56939	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	157547	20.00	ng	0.00
76) Chrysene-d12	21.72	240	181474	20.00	ng	0.00
87) Perylene-d12	25.02	264	195035	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	184848	164.44	ng	0.00
7) Phenol-d6	7.21	99	254338	164.81	ng	0.00
23) Nitrobenzene-d5	9.23	82	165139	100.33	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	129482	165.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	411516	99.15	ng	0.00
79) Terphenyl-d14	20.04	244	868954	104.21	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	55	0.105	ng	# 1
4) n-Nitrosodimethylamine	3.83	42	194	0.275	ng	# 1
6) Aniline	7.24	93	111	0.056	ng	# 1
9) Benzaldehyde	7.21	77	245	0.245	ng	# 3
10) Phenol	7.24	94	14061	8.576	ng	95
11) bis(2-Chloroethyl)ether	7.59	93	122	0.093	ng	# 1
15) Benzyl Alcohol	8.38	79	2490	2.067	ng	# 51
19) n-Nitroso-di-n-propylamine	9.24	70	21912	20.217	ng	# 72
24) Nitrobenzene	9.24	77	477	0.286	ng	# 39
25) Isophorone	9.39	82	311	0.105	ng	# 64
46) 1,1'-Biphenyl	13.53	154	666	0.140	ng	# 41
48) 2-Nitroaniline	14.15	65	402	0.342	ng	# 1
50) Dimethylphthalate	14.14	163	45227	9.727	ng	100
51) 2,6-Dinitrotoluene	14.15	165	558	0.530	ng	# 15
52) Acenaphthene	14.69	154	74	0.022	ng	# 4
57) 2,4-Dinitrotoluene	14.69	165	7504	5.056	ng	# 21
58) Fluorene	16.18	166	4052	0.968	ng	# 84
63) Azobenzene	16.18	77	682	0.160	ng	# 51
65) 4,6-Dinitro-2-methylphenol	16.18	198	472	0.420	ng	# 66
66) n-Nitrosodiphenylamine	16.18	169	4842	1.046	ng	# 46
67) 4-Bromophenyl-phenylether	16.18	248	9214	4.789	ng	# 1
71) Phenanthrene	17.48	178	911	0.112	ng	# 60
72) Anthracene	17.48	178	911	0.113	ng	# 60
74) Di-n-butylphthalate	18.39	149	312	0.034	ng	# 77
75) Fluoranthene	19.49	202	1623	0.161	ng	92
77) Benzidine	20.04	184	15023	2.799	ng	# 94
78) Pyrene	19.86	202	1504	0.125	ng	94
80) Butylbenzylphthalate	20.54	149	61	0.013	ng	# 25
81) Benzo(a)anthracene	21.71	228	1591	0.144	ng	# 81
83) Chrysene	21.77	228	735	0.069	ng	# 66
84) Bis(2-ethylhexyl)phthalate	21.57	149	1302	0.196	ng	# 78
85) Di-n-octyl phthalate	22.86	149	114	0.010	ng	# 1
86) Indeno(1,2,3-cd)pyrene	28.80	276	71	0.006	ng	# 59
88) Benzo(b)fluoranthene	23.97	252	869	0.081	ng	# 59

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QLast Update : Wed Dec 12 15:26:27 2018
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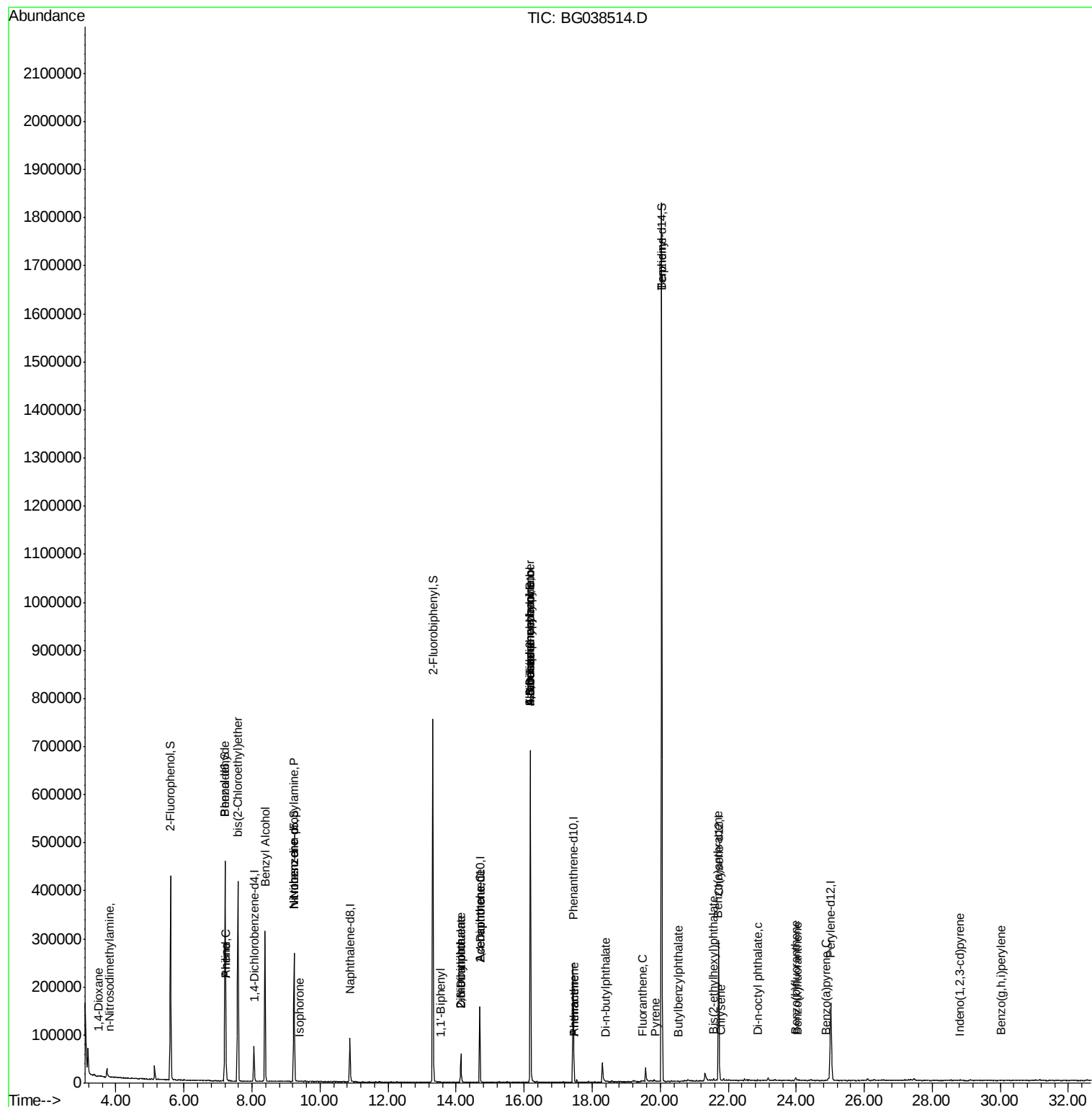
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	24.02	252	402	0.038	ng	# 58
90) Benzo(a)pyrene	24.86	252	774	0.075	ng	# 60
92) Benzo(g,h,i)perylene	30.01	276	184	0.018	ng	# 56

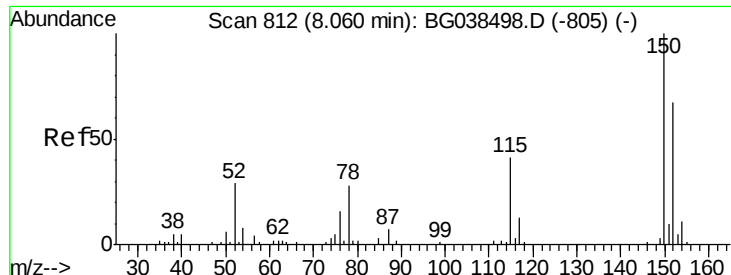
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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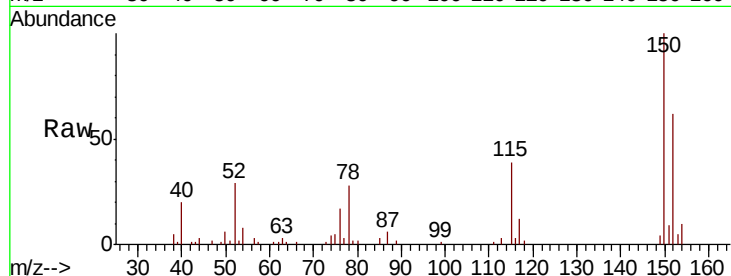




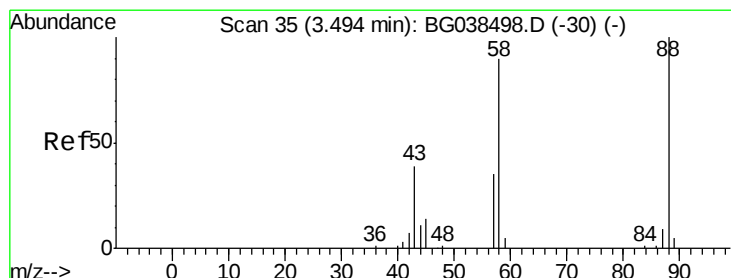
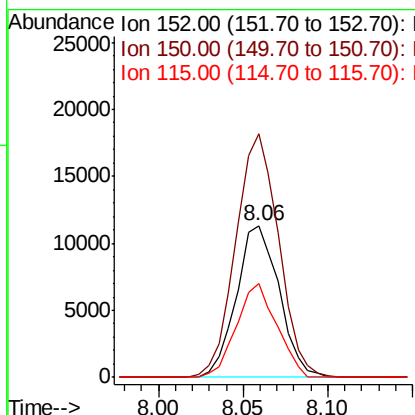
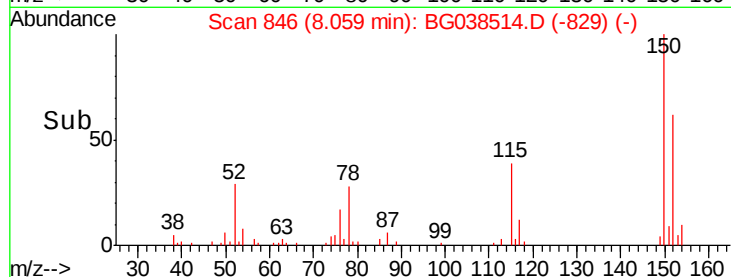
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion: 152 Resp: 19938
 Ion Ratio Lower Upper
 152 100
 150 160.5 119.5 179.3
 115 62.1 49.6 74.4

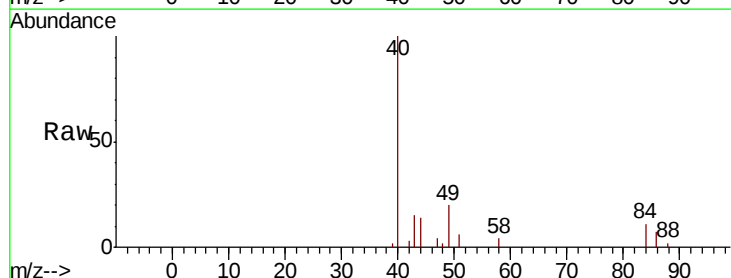


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

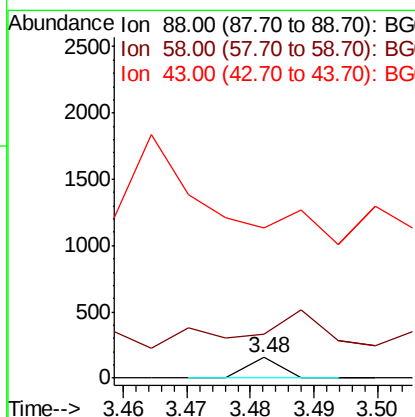
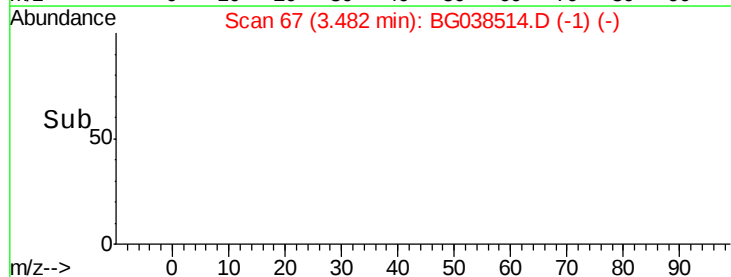


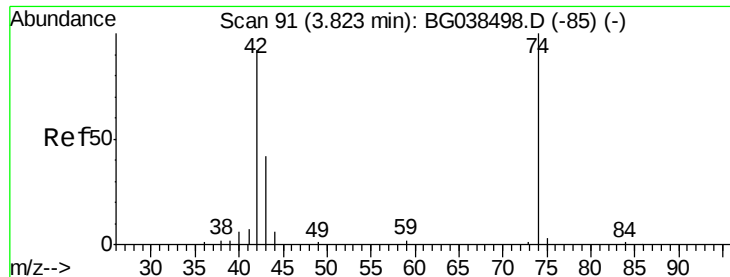
#2
 1,4-Dioxane
 Concen: 0.105 ng
 RT: 3.48 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Tgt Ion: 88 Resp: 55
 Ion Ratio Lower Upper
 88 100
 58 443.6 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: 0.275 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

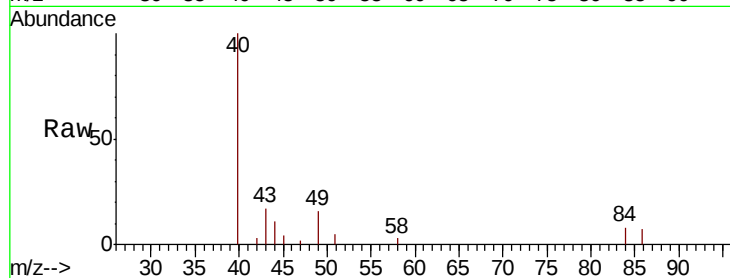
Tgt Ion: 42 Resp: 194

Ion Ratio Lower Upper

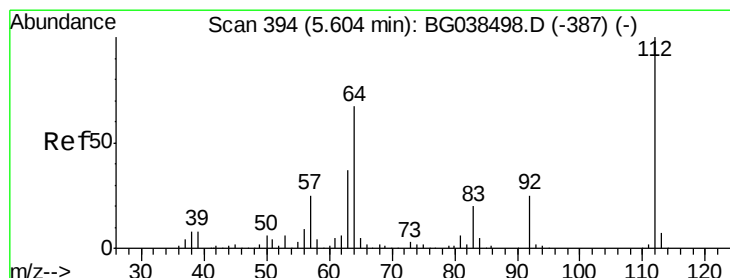
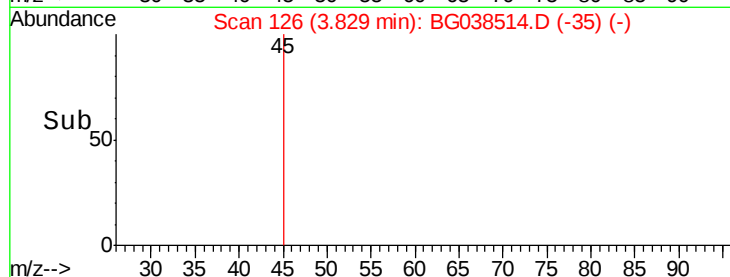
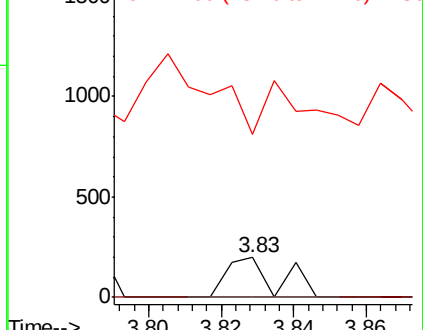
42 100

74 0.0 86.7 130.1#

44 407.5 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: 164.438 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

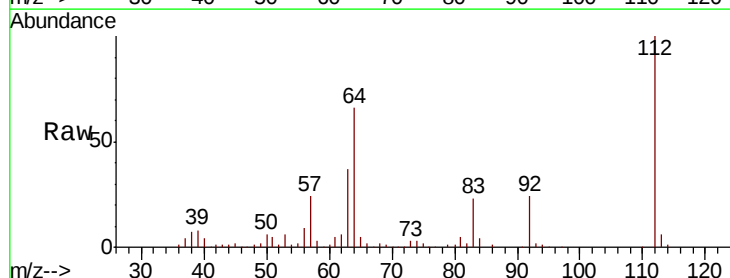
Tgt Ion: 112 Resp: 184848

Ion Ratio Lower Upper

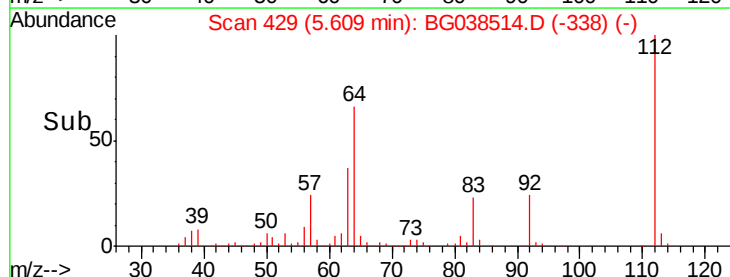
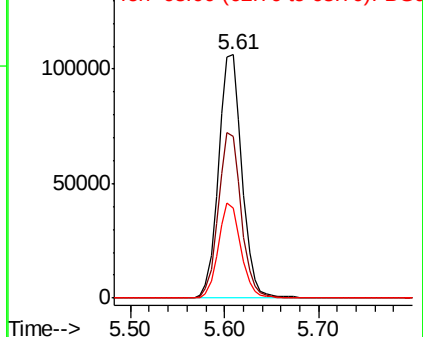
112 100

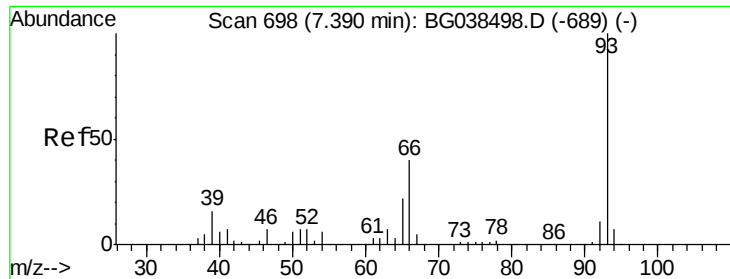
64 66.2 53.4 80.2

63 36.9 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: 0.056 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.15 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampled :

TP-3

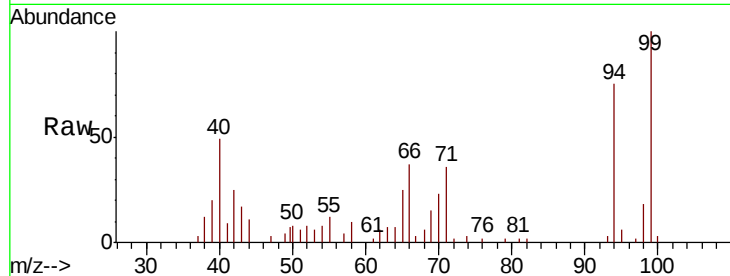
Tgt Ion: 93 Resp: 111

Ion Ratio Lower Upper

93 100

66 1343.0 31.7 47.5#

65 927.2 17.8 26.6#

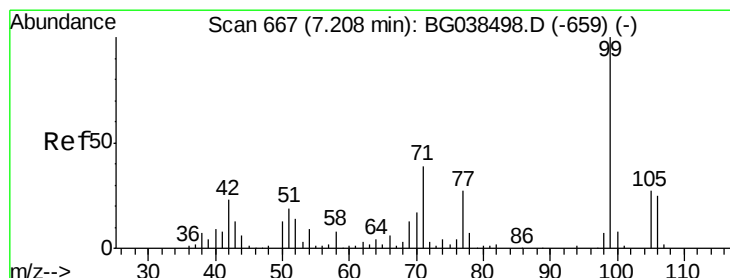
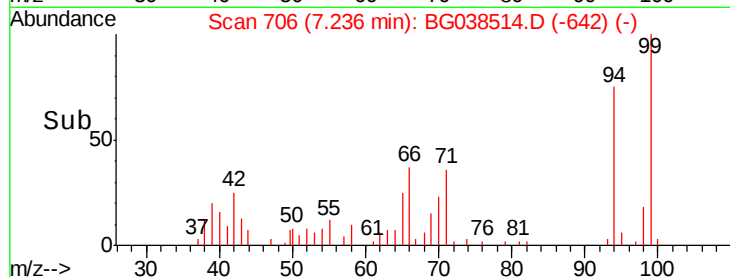
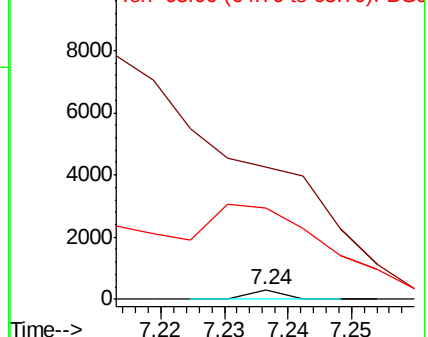


Abundance

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: 164.812 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

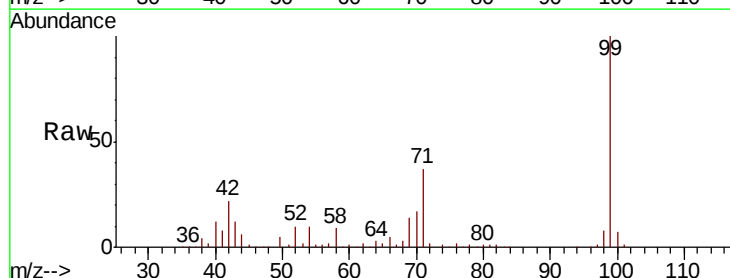
Tgt Ion: 99 Resp: 254338

Ion Ratio Lower Upper

99 100

42 22.4 18.5 27.7

71 36.9 31.1 46.7

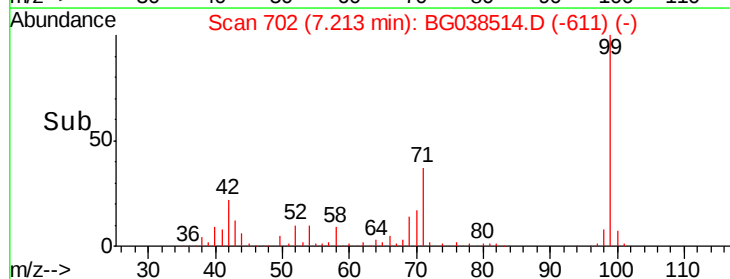
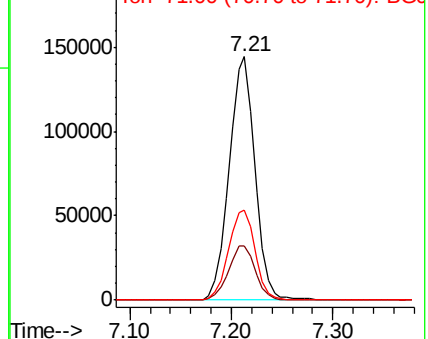


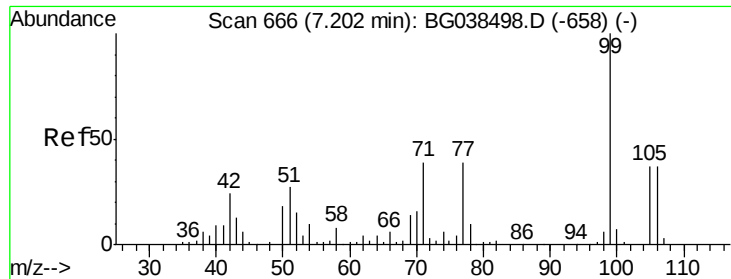
Abundance

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: 0.245 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

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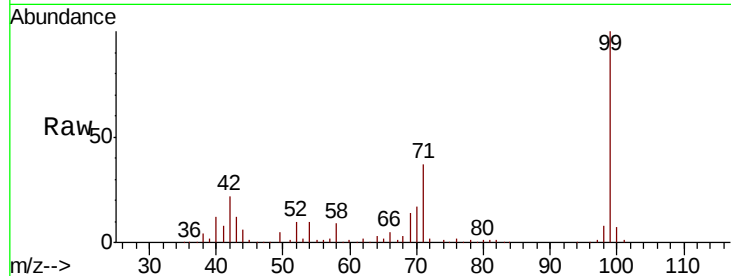
Tgt Ion: 77 Resp: 245

Ion Ratio Lower Upper

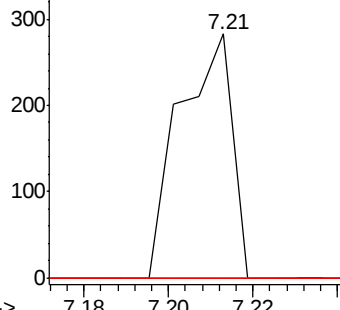
77 100

105 0.0 74.0 114.0#

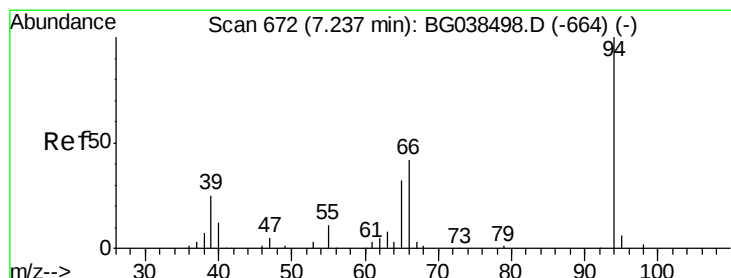
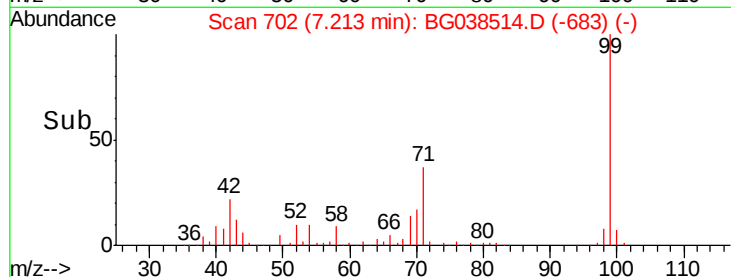
106 0.0 73.9 113.9#



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



Time-->



#10

Phenol

Concen: 8.576 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

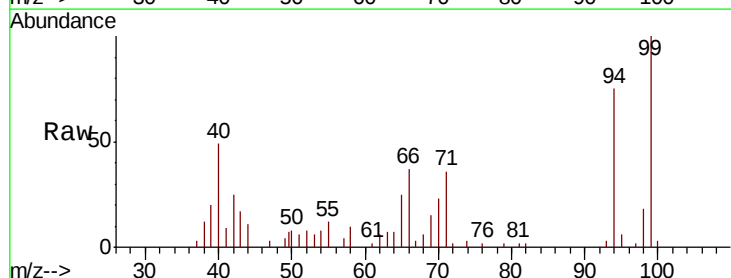
Tgt Ion: 94 Resp: 14061

Ion Ratio Lower Upper

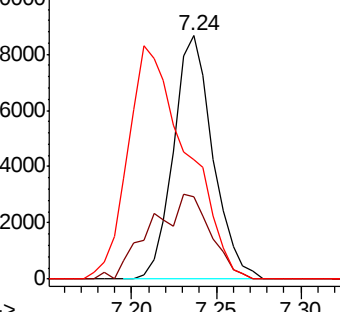
94 100

65 33.8 12.6 52.6

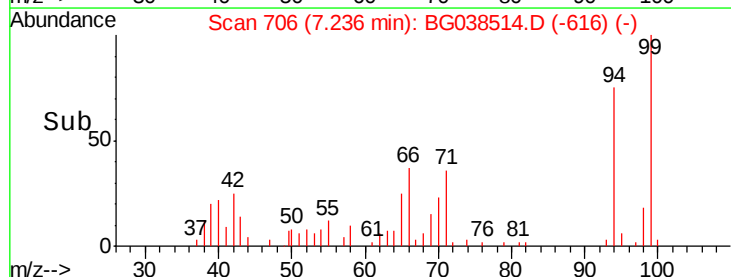
66 49.0 24.1 64.1

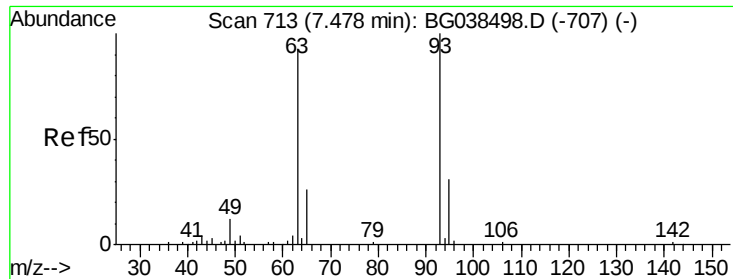


Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



Time-->

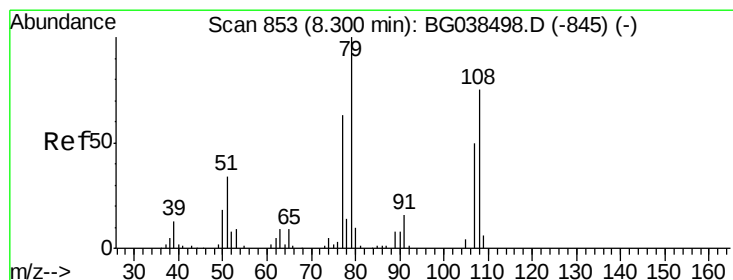
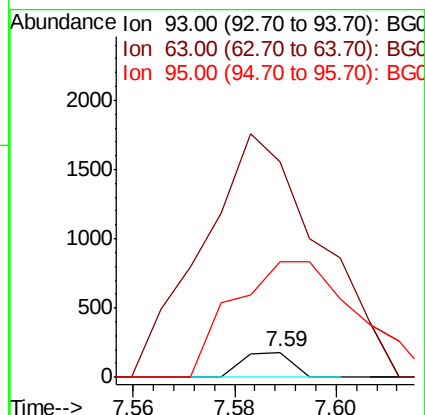
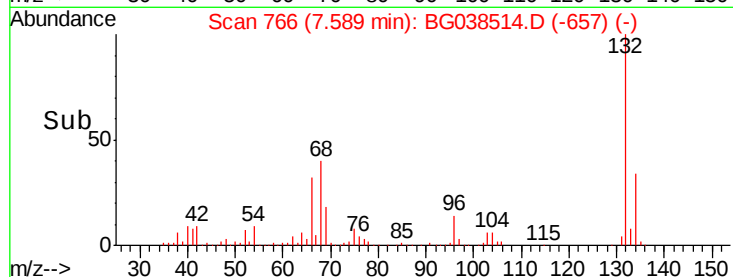
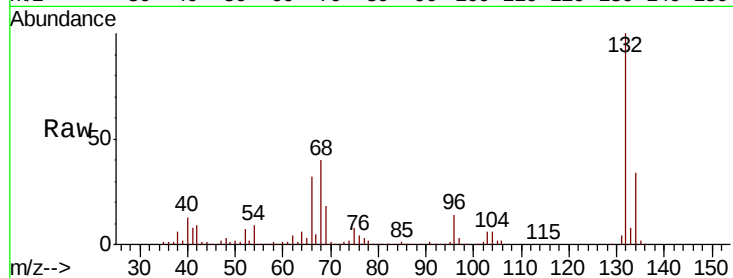




#11
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.59 min Scan# 766
Delta R.T. 0.11 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

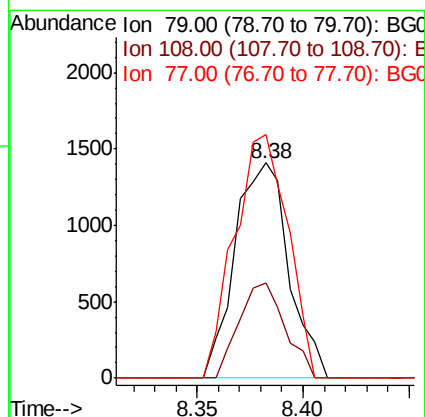
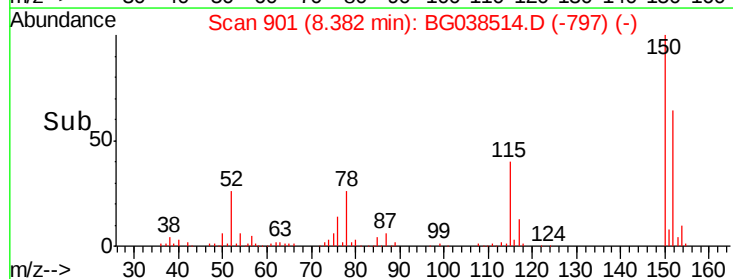
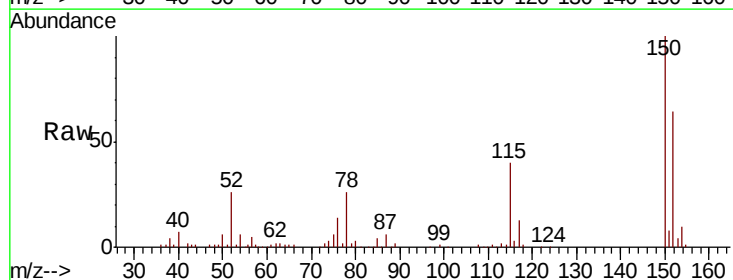
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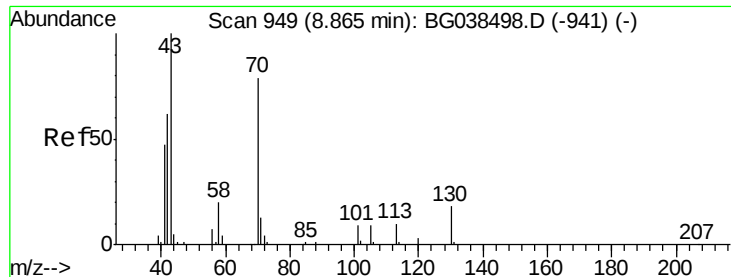
Tgt Ion: 93 Resp: 122
Ion Ratio Lower Upper
93 100
63 864.4 72.2 112.2#
95 461.7 11.2 51.2#



#15
Benzyl Alcohol
Concen: 2.067 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 79 Resp: 2490
Ion Ratio Lower Upper
79 100
108 44.3 60.2 90.4#
77 113.0 50.7 76.1#

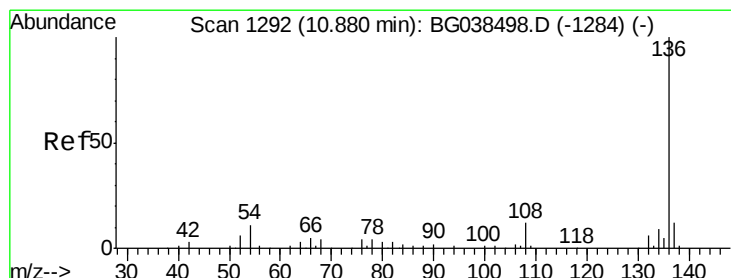
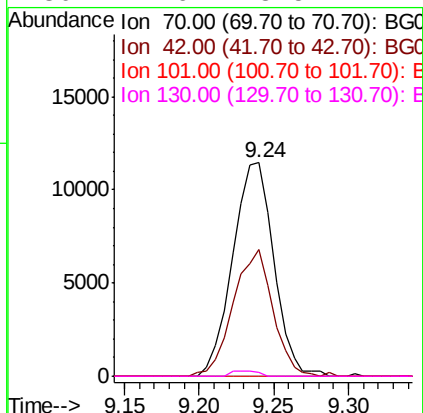
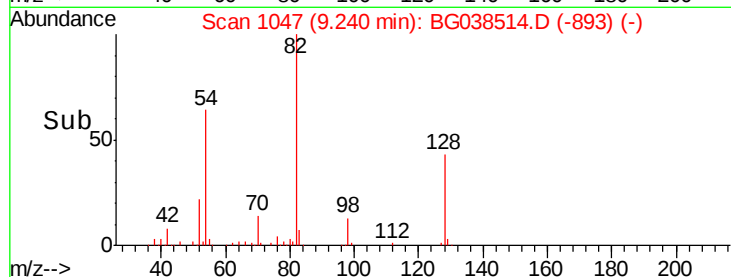
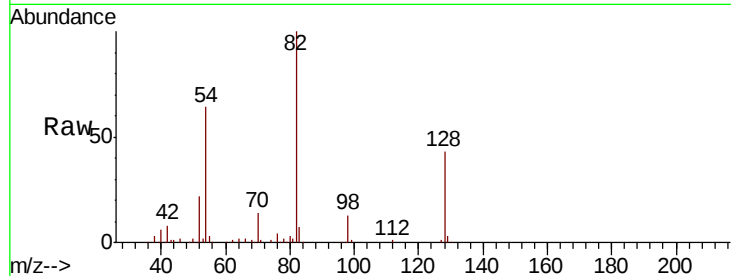




#19
n-Nitroso-di-n-propylamine
Concen: 20.217 ng
RT: 9.24 min Scan# 1047
Delta R.T. 0.38 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

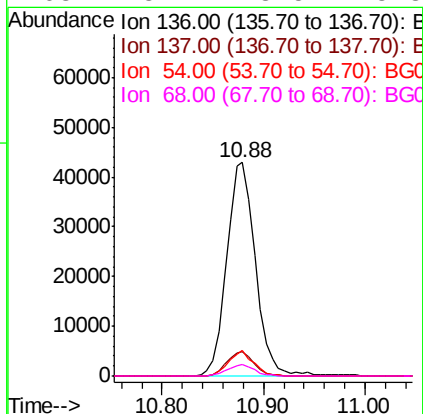
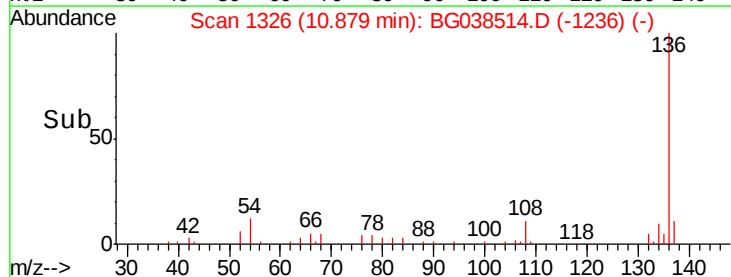
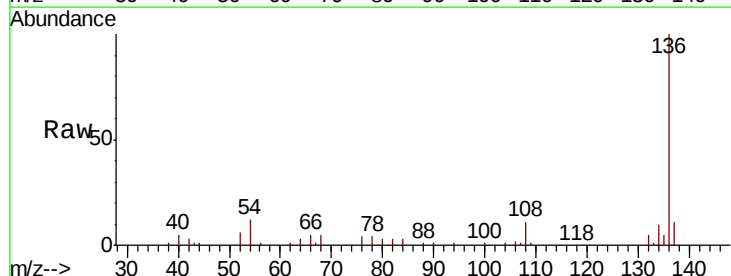
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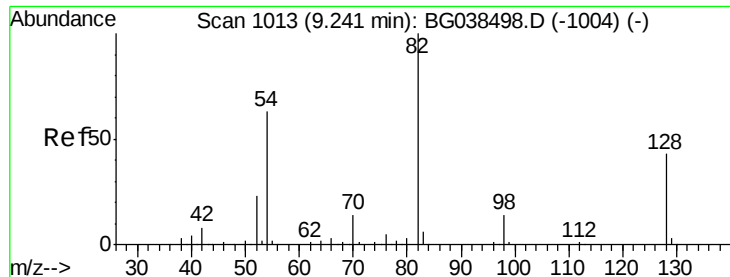
Tgt Ion: 70 Resp: 21912
Ion Ratio Lower Upper
70 100
42 59.1 63.6 95.4#
101 0.0 9.2 13.8#
130 1.6 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 136 Resp: 84087
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 11.9 8.5 12.7
68 5.4 3.5 5.3#

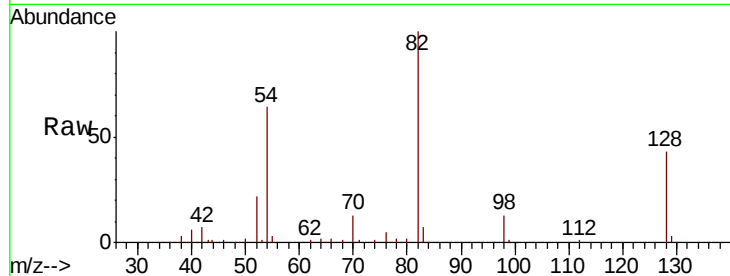




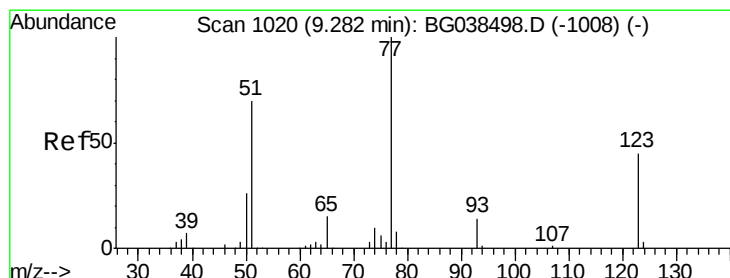
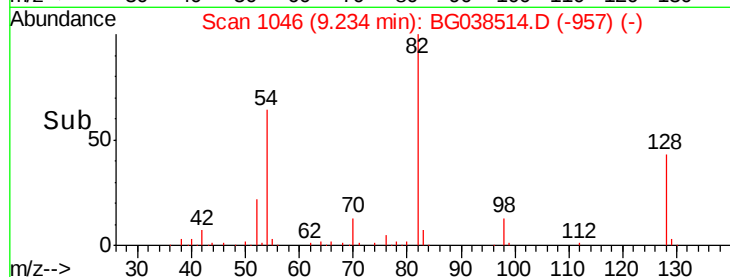
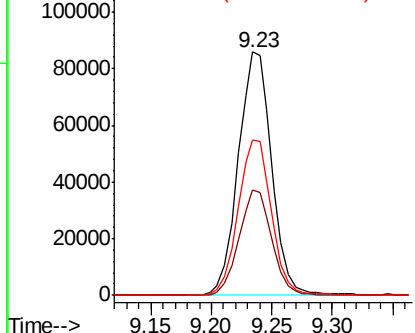
#23
Nitrobenzene-d5
Concen: 100.330 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion: 82 Resp: 165139
Ion Ratio Lower Upper
82 100
128 43.1 34.6 52.0
54 63.8 50.6 76.0

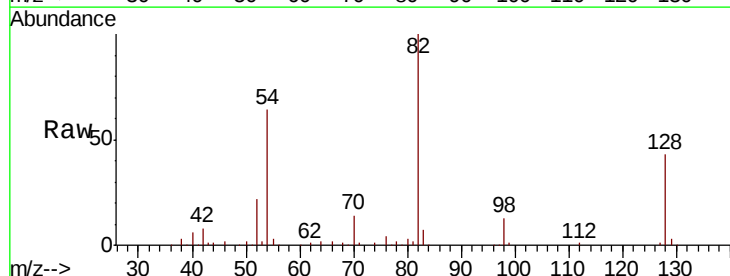


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

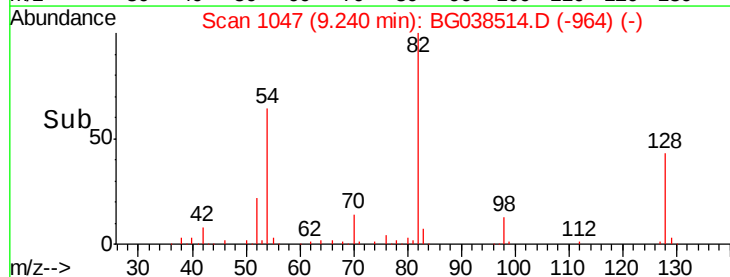
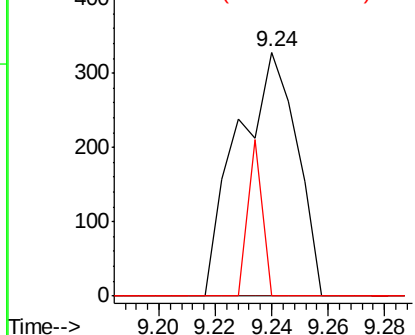


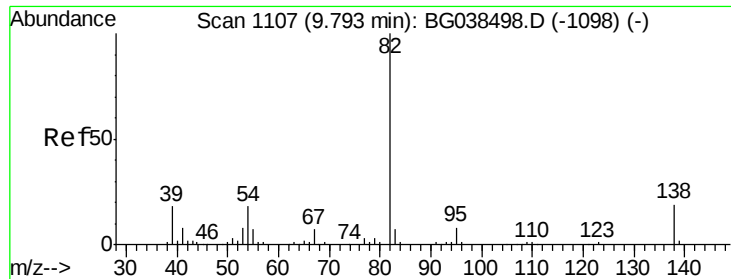
#24
Nitrobenzene
Concen: 0.286 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.04 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 77 Resp: 477
Ion Ratio Lower Upper
77 100
123 0.0 35.9 53.9#
65 0.0 12.0 18.0#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 0.105 ng

RT: 9.39 min Scan# 1072

Delta R.T. -0.41 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

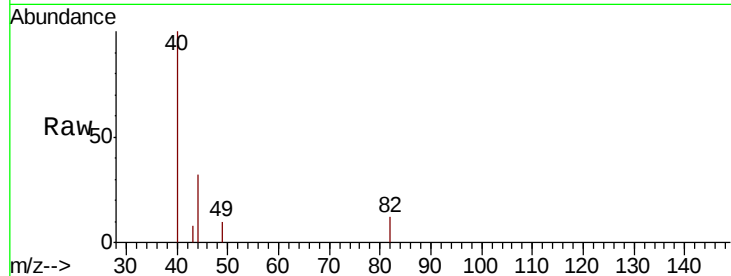
Tgt Ion: 82 Resp: 311

Ion Ratio Lower Upper

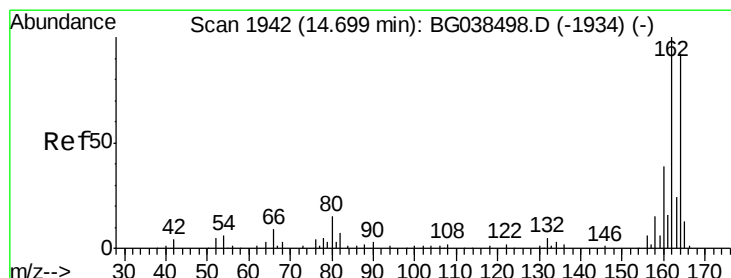
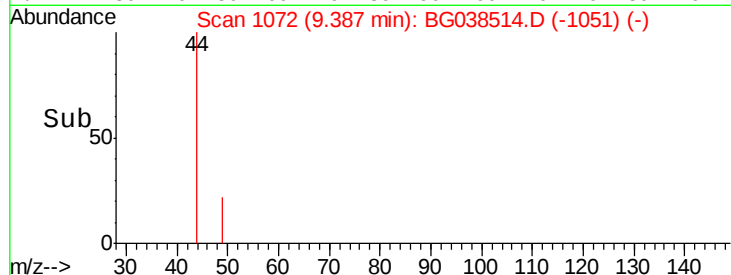
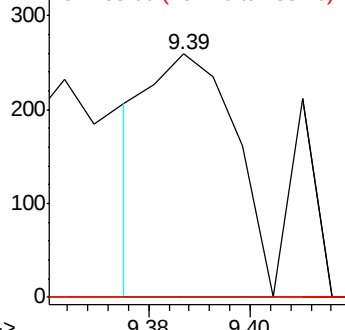
82 100

95 0.0 6.1 9.1#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

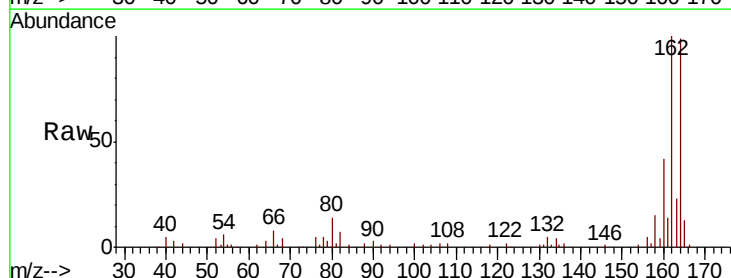
Tgt Ion: 164 Resp: 56939

Ion Ratio Lower Upper

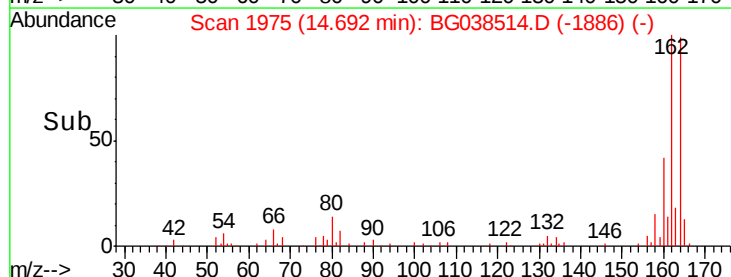
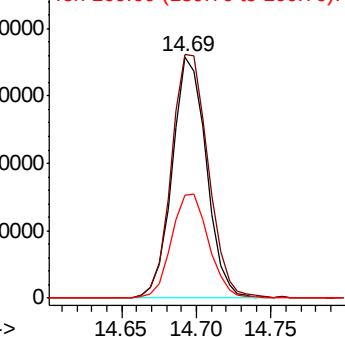
164 100

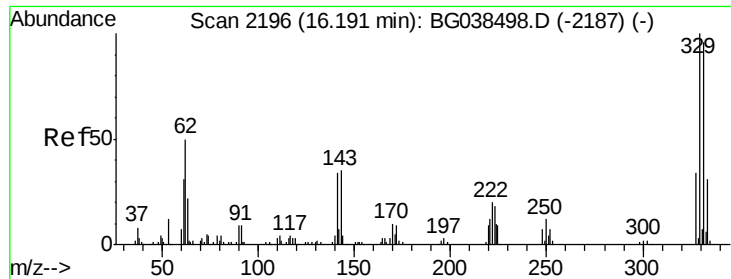
162 100.9 86.6 130.0

160 42.4 34.2 51.2



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

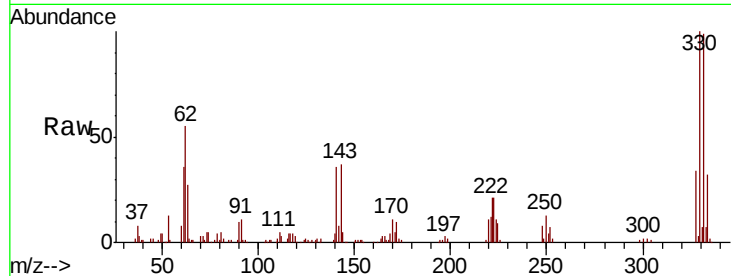




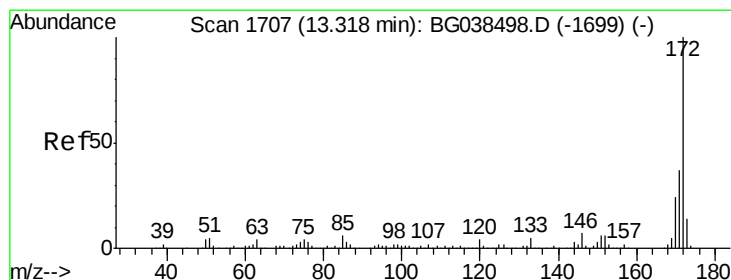
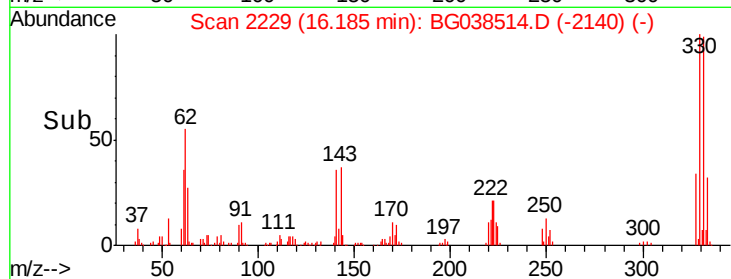
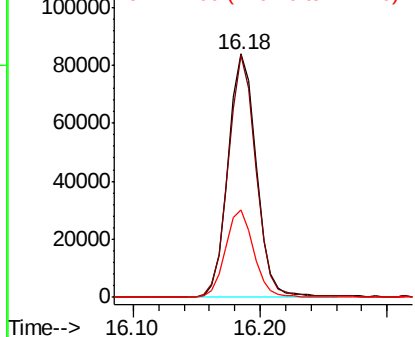
#42
 2,4,6-Tribromophenol
 Concen: 165.004 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:330 Resp: 129482
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.9 115.3
 141 36.1 28.8 43.2

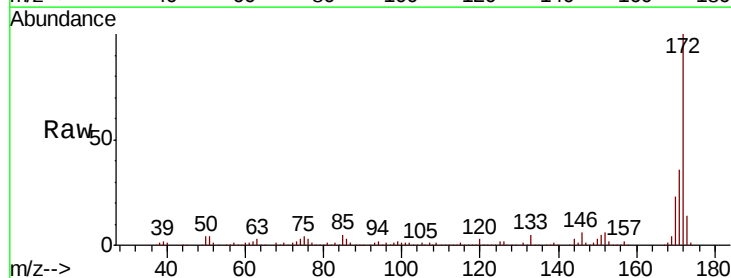


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

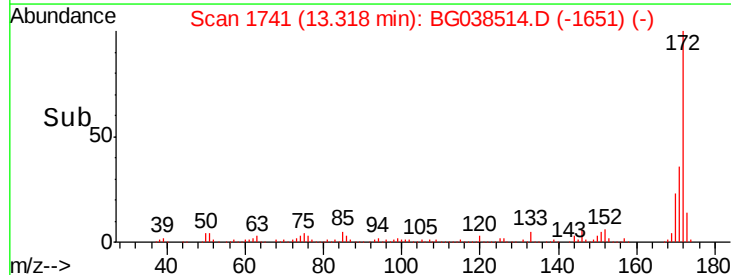
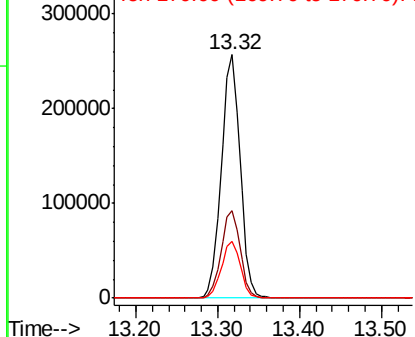


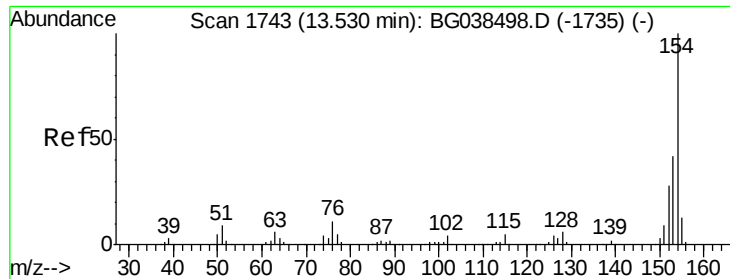
#45
 2-Fluorobiphenyl
 Concen: 99.148 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Tgt Ion:172 Resp: 411516
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.6
 170 23.2 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

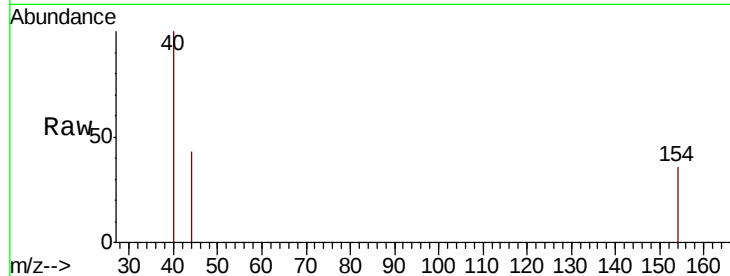




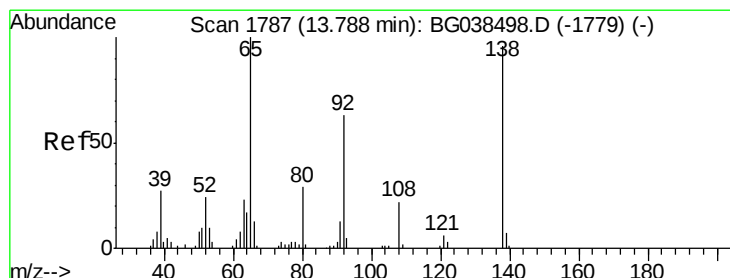
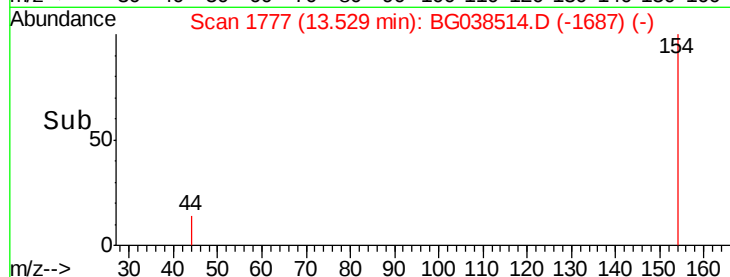
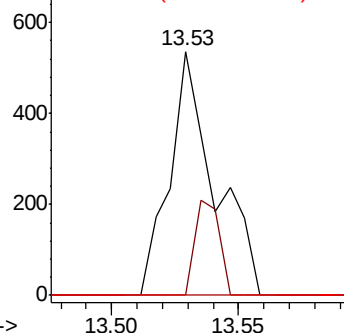
#46
1,1'-Biphenyl
Concen: 0.140 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 154 Resp: 666
Ion Ratio Lower Upper
154 100
153 0.0 22.1 62.1#
76 0.0 0.0 31.2

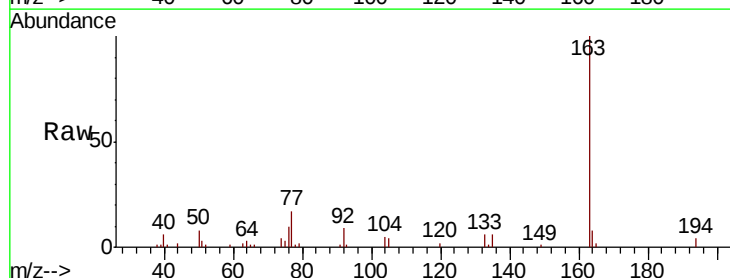


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

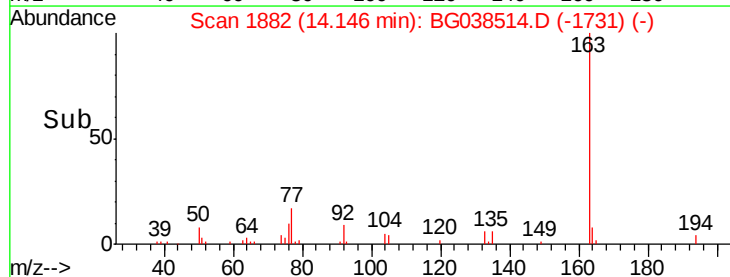
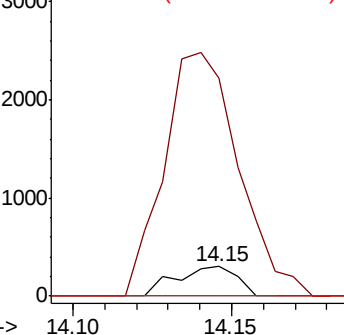


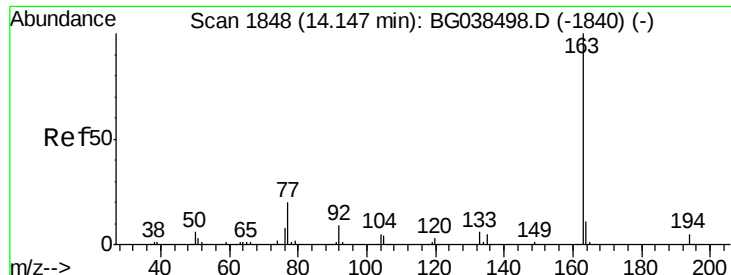
#48
2-Nitroaniline
Concen: 0.342 ng
RT: 14.15 min Scan# 1882
Delta R.T. 0.36 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 65 Resp: 402
Ion Ratio Lower Upper
65 100
92 739.5 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: 9.727 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

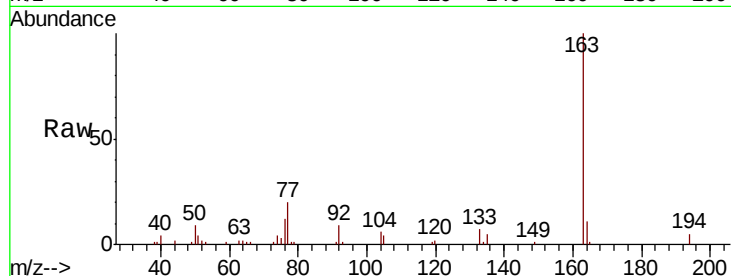
Tgt Ion:163 Resp: 45227

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

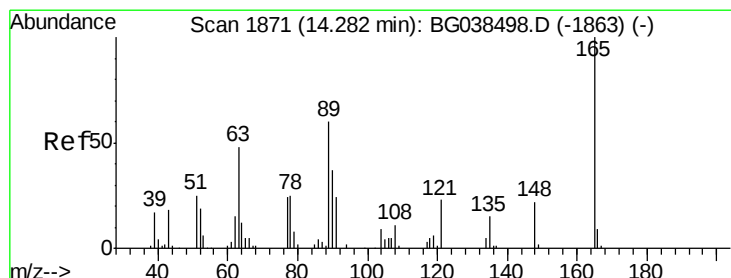
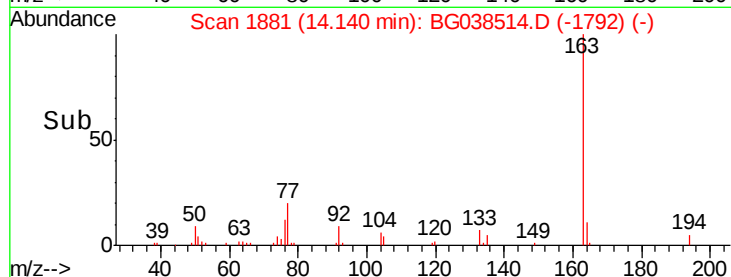
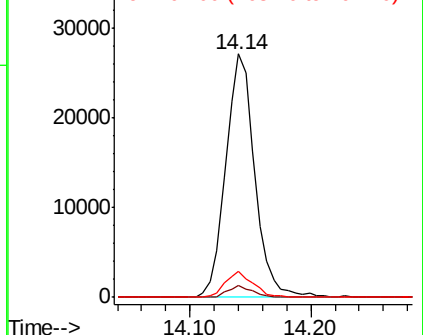
164 10.7 8.6 12.8



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: 0.530 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.14 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

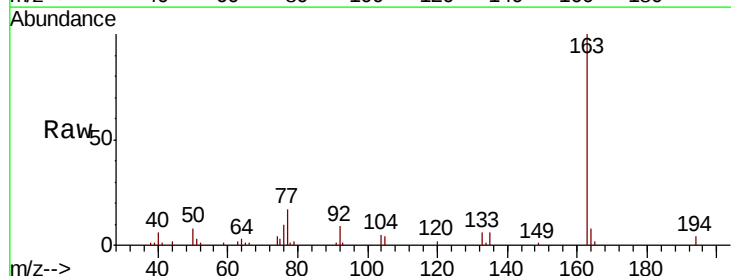
Tgt Ion:165 Resp: 558

Ion Ratio Lower Upper

165 100

63 135.8 51.8 77.6#

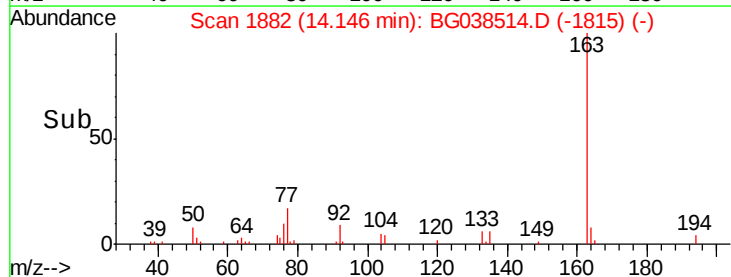
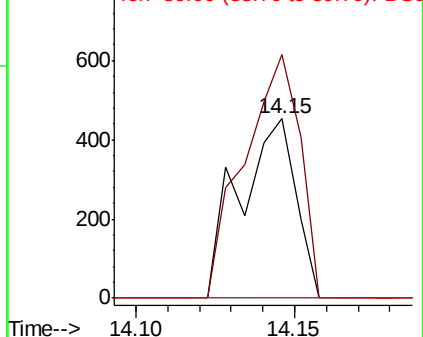
89 0.0 47.9 71.9#

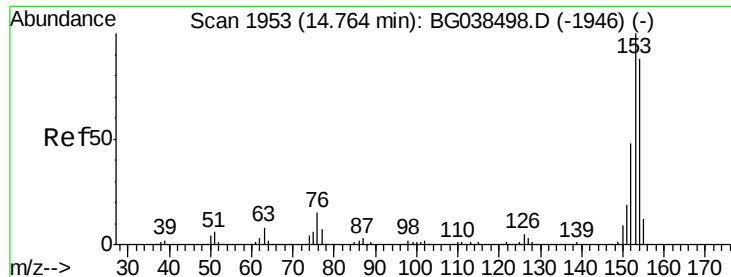


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.022 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.07 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampled :

TP-3

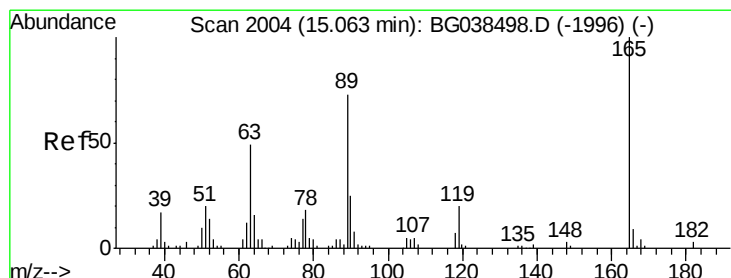
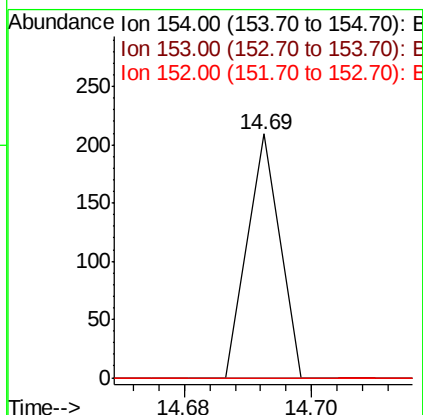
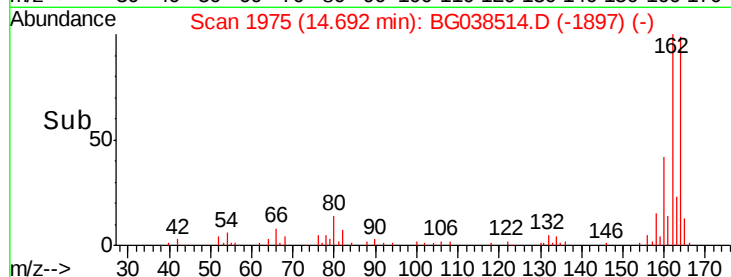
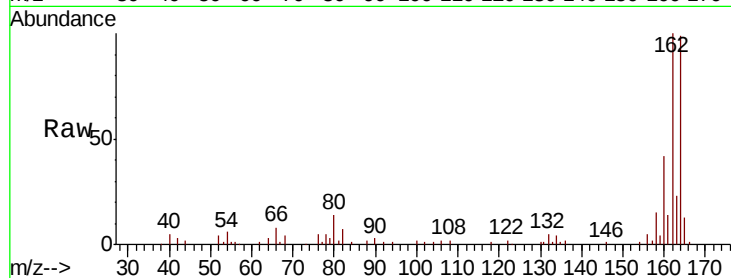
Tgt Ion:154 Resp: 74

Ion Ratio Lower Upper

154 100

153 0.0 90.6 136.0#

152 0.0 43.5 65.3#



#57

2,4-Dinitrotoluene

Concen: 5.056 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Tgt Ion:165 Resp: 7504

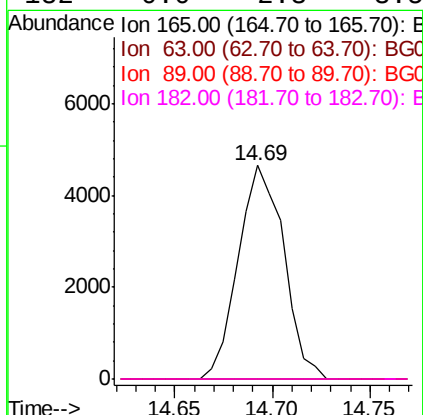
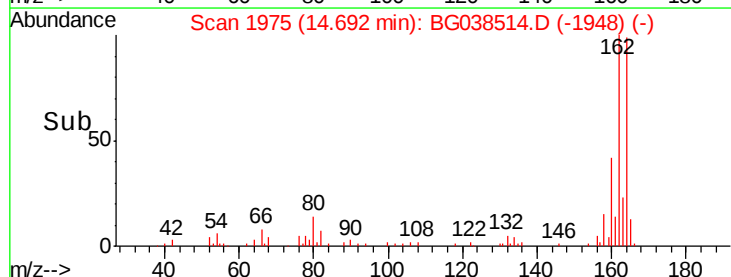
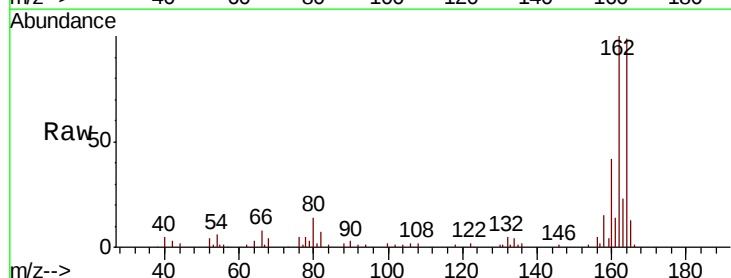
Ion Ratio Lower Upper

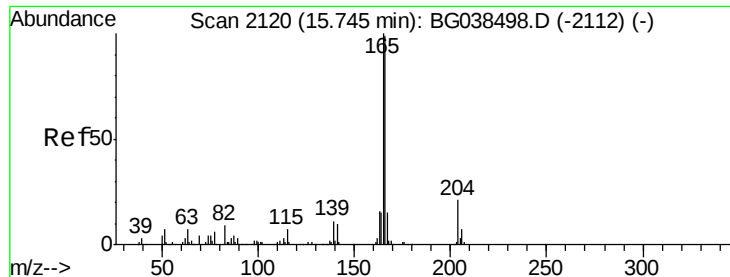
165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#





#58

Fluorene

Concen: 0.968 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.44 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

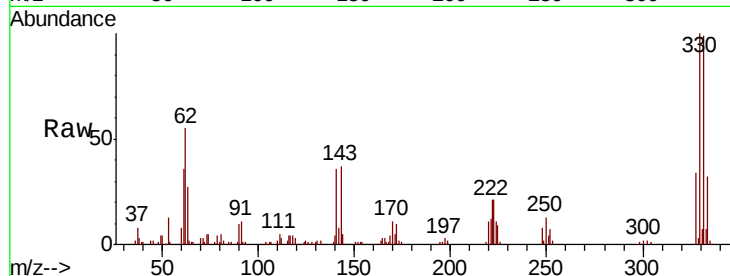
Tgt Ion: 166 Resp: 4052

Ion Ratio Lower Upper

166 100

165 87.0 80.6 120.8

167 29.5 12.0 18.0#

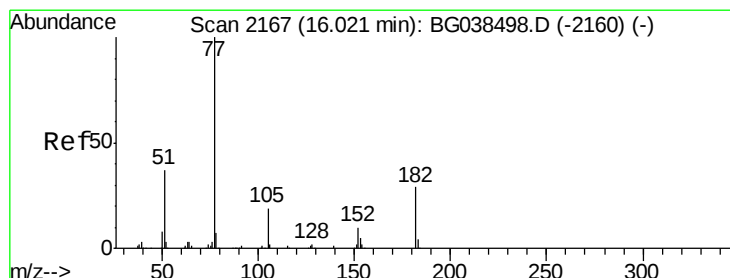
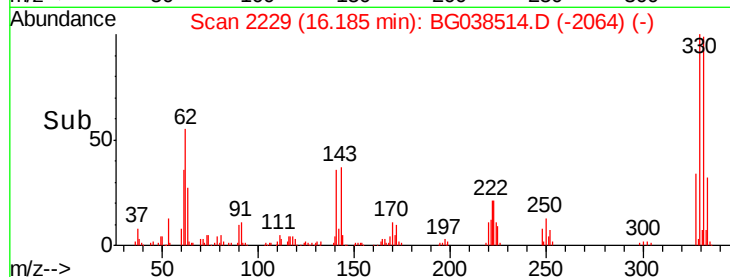
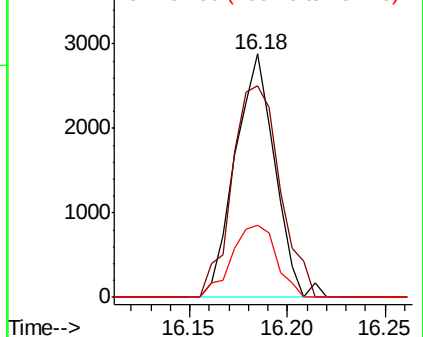


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Azobenzene

Concen: 0.160 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.16 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Tgt Ion: 77 Resp: 682

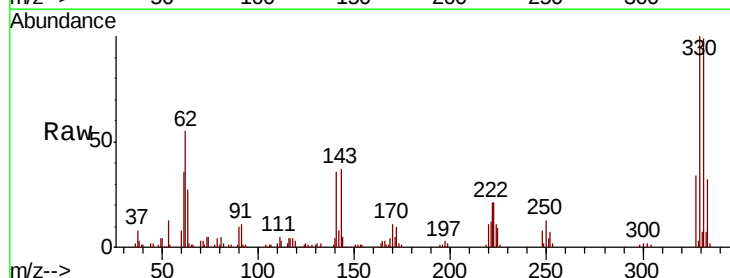
Ion Ratio Lower Upper

77 100

182 0.0 8.7 48.7#

105 63.2 0.0 38.7#

51 48.3 16.6 56.6



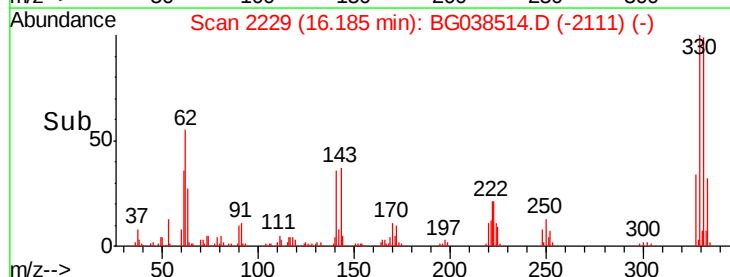
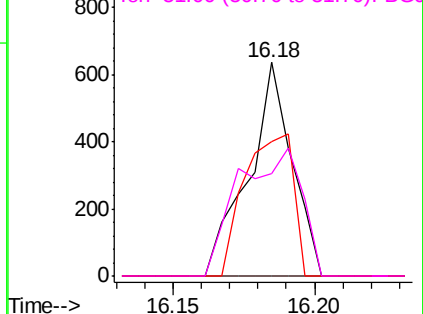
Abundance

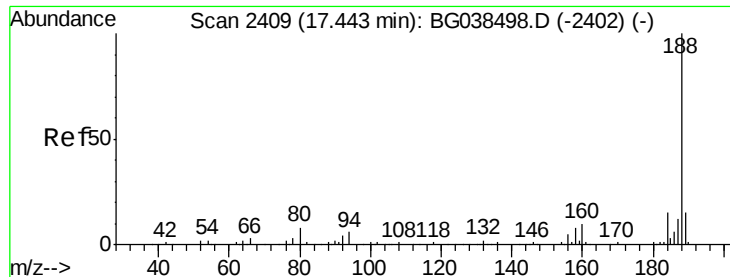
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

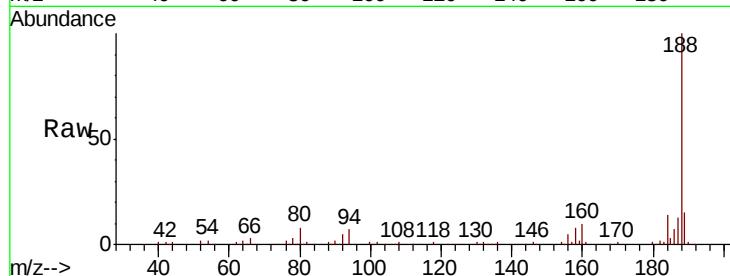
Tgt Ion:188 Resp: 157547

Ion Ratio Lower Upper

188 100

94 7.0 5.1 7.7

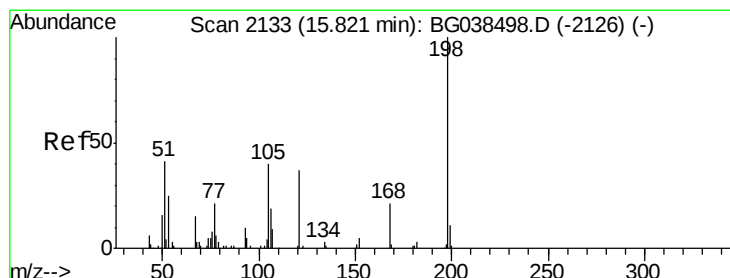
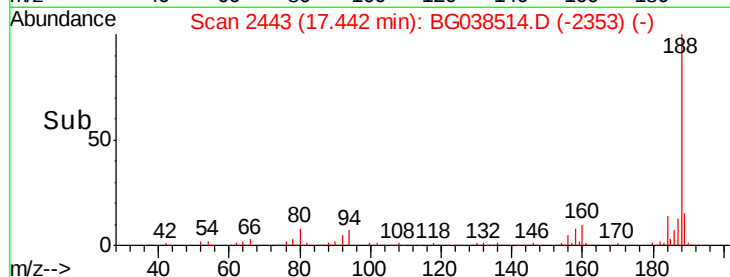
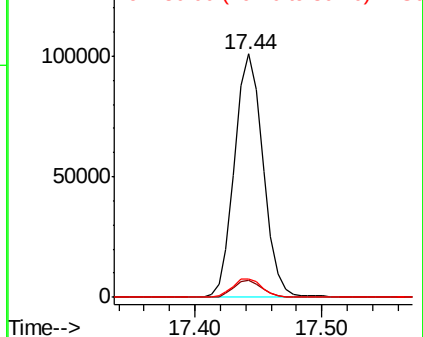
80 7.8 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 0.420 ng

RT: 16.18 min Scan# 2228

Delta R.T. 0.36 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

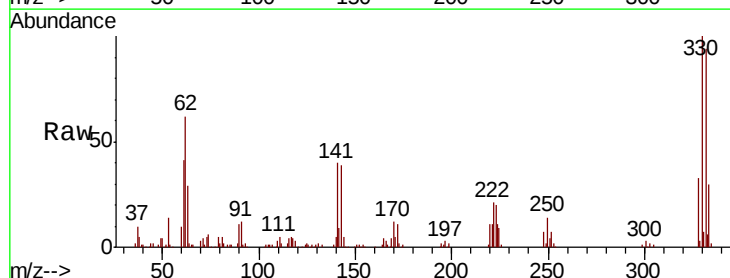
Tgt Ion:198 Resp: 472

Ion Ratio Lower Upper

198 100

51 19.8 28.6 68.6#

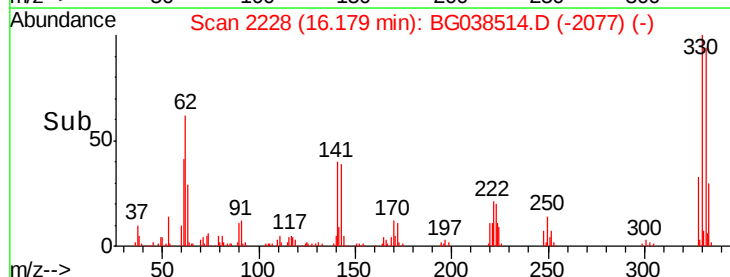
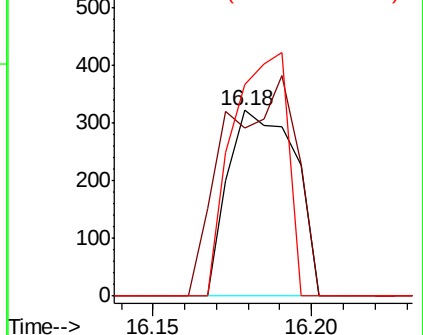
105 24.9 20.4 60.4

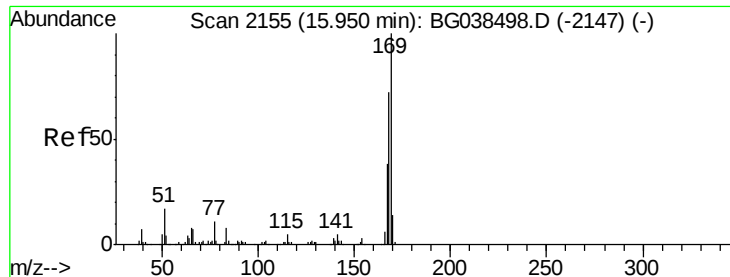


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

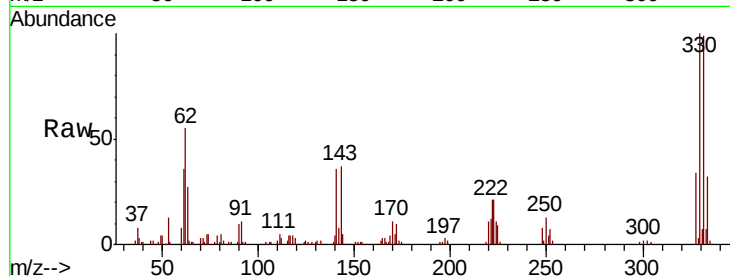




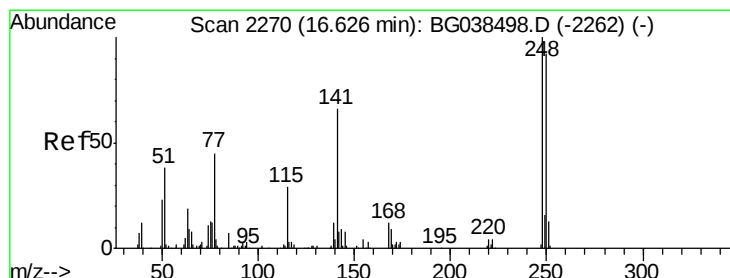
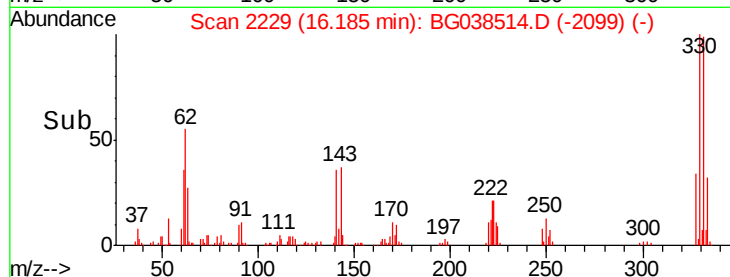
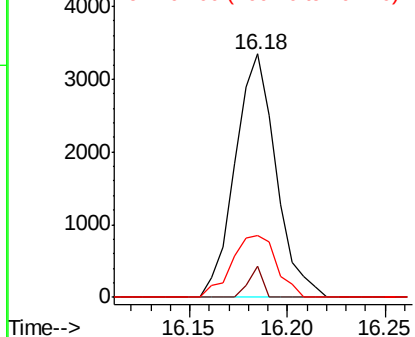
#66
 n-Nitrosodiphenylamine
 Concen: 1.046 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:169 Resp: 4842
 Ion Ratio Lower Upper
 169 100
 168 12.6 57.5 86.3#
 167 25.4 30.2 45.2#

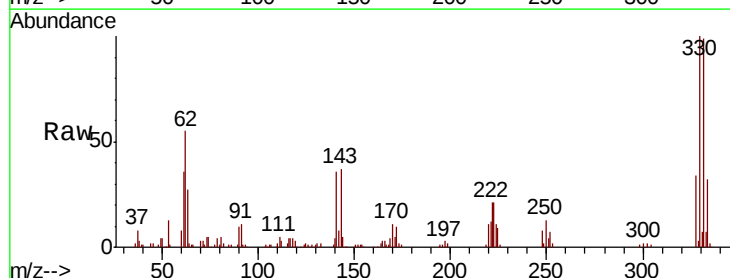


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

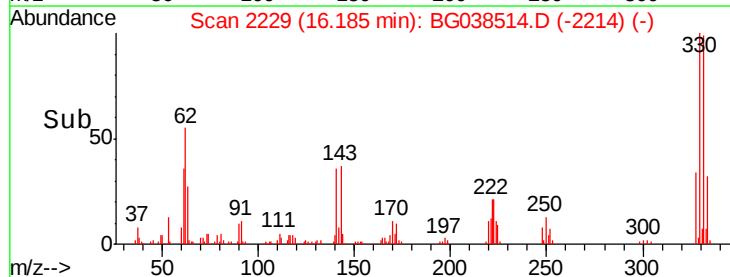
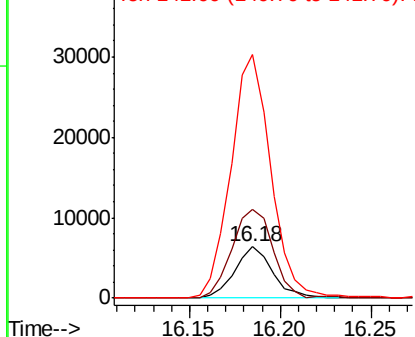


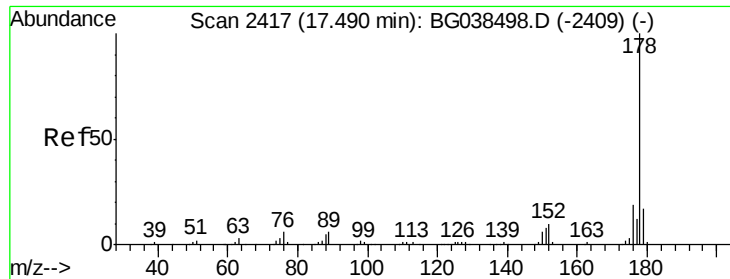
#67
 4-Bromophenyl-phenylether
 Concen: 4.789 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038514.D
 Acq: 13 Dec 2018 1:20

Tgt Ion:248 Resp: 9214
 Ion Ratio Lower Upper
 248 100
 250 173.9 73.4 110.2#
 141 371.8 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: 0.112 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

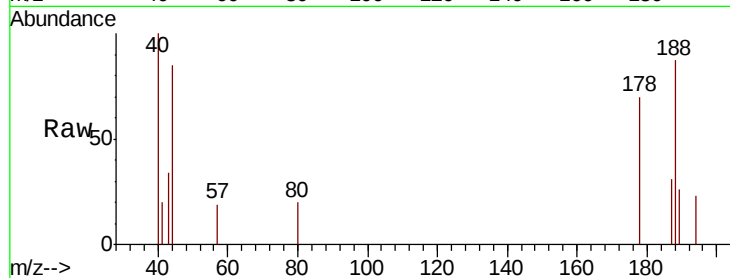
Tgt Ion:178 Resp: 911

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

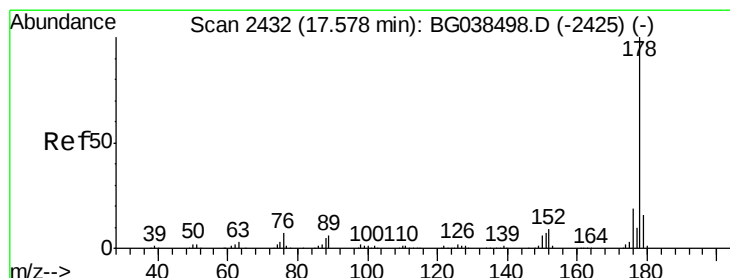
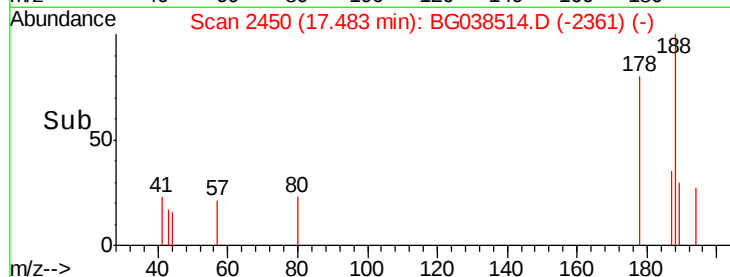
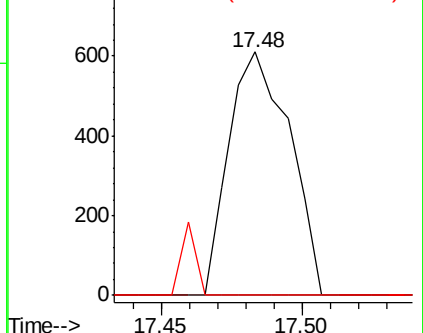
179 0.0 13.2 19.8#



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: 0.113 ng

RT: 17.48 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

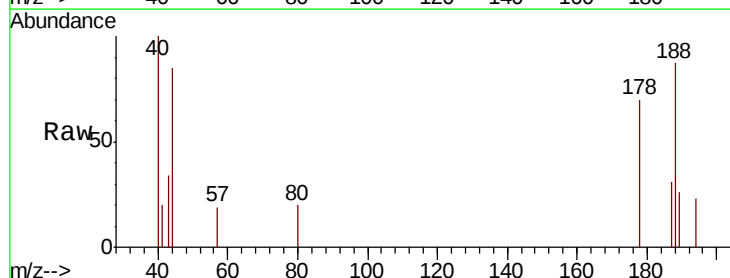
Tgt Ion:178 Resp: 911

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

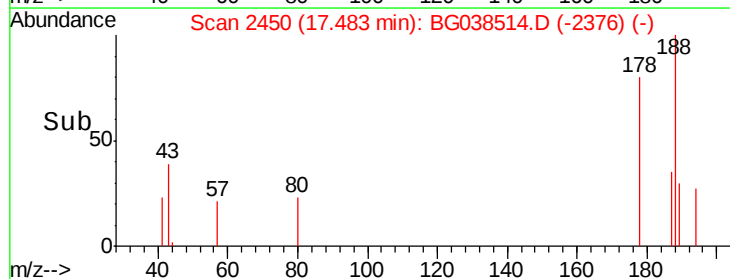
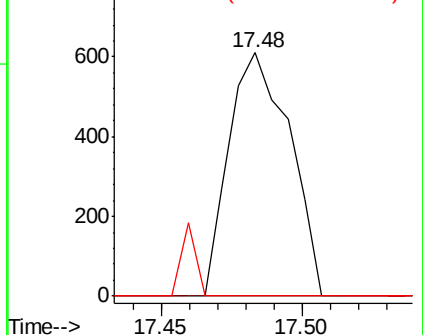
179 0.0 12.9 19.3#

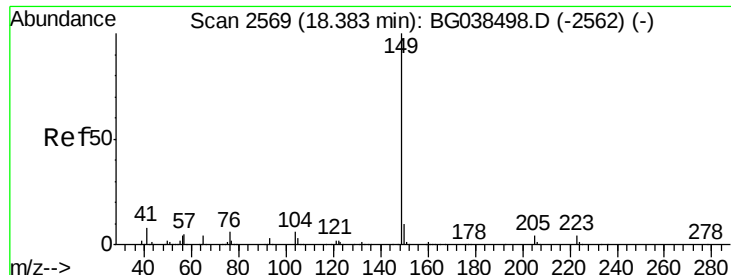


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

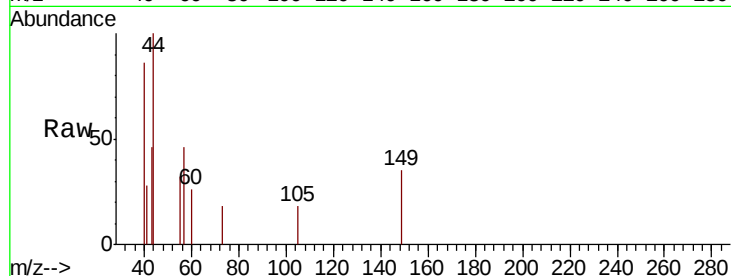




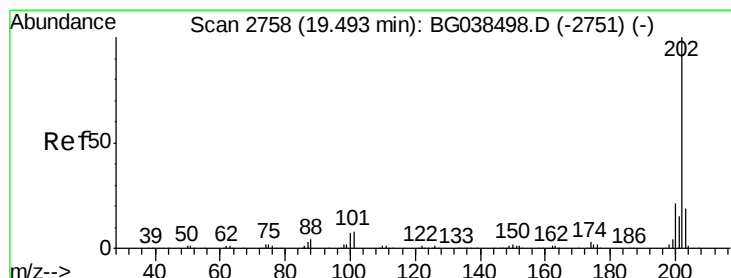
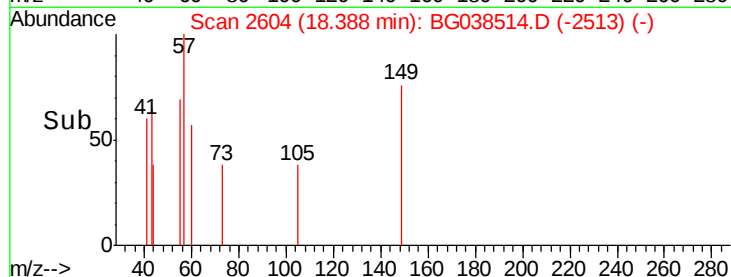
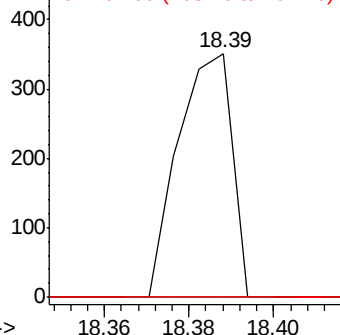
#74
Di-n-butylphthalate
Concen: 0.034 ng
RT: 18.39 min Scan# 2604
Delta R.T. 0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion:149 Resp: 312
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 5.0 7.4#

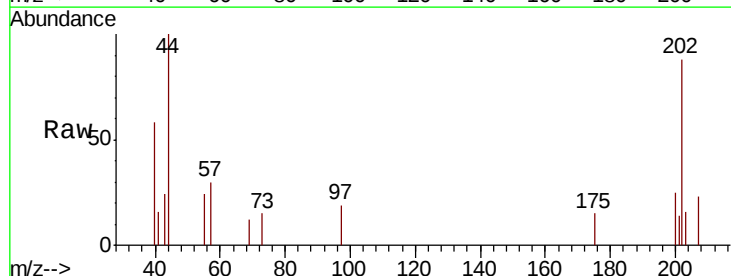


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

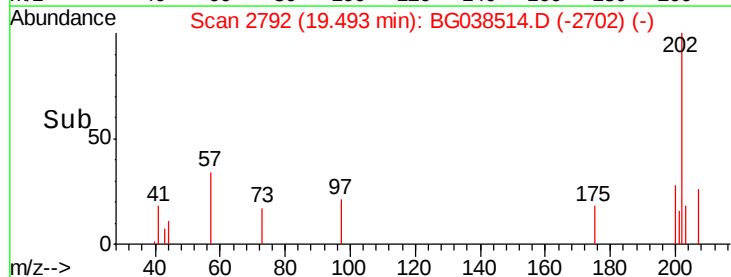
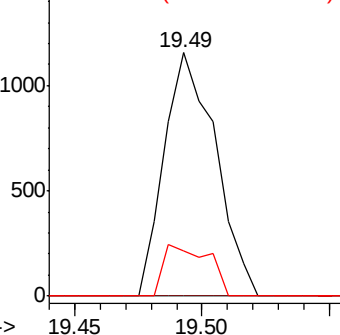


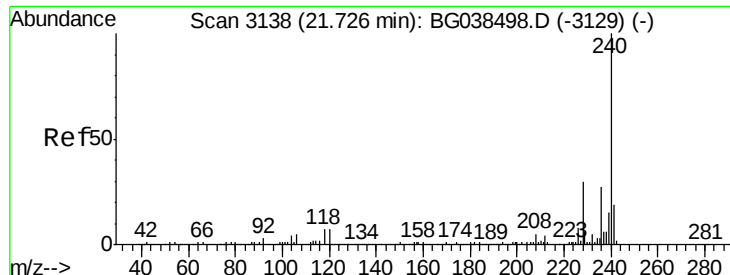
#75
Fluoranthene
Concen: 0.161 ng
RT: 19.49 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion:202 Resp: 1623
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.1
203 18.4 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: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

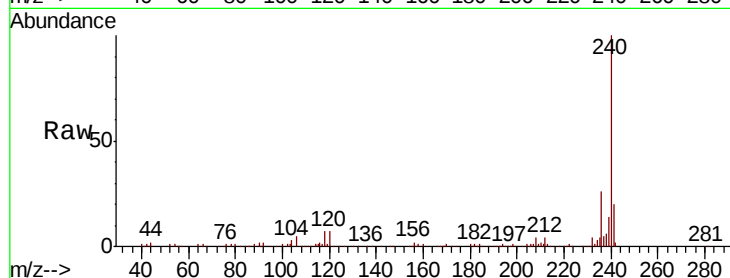
Tgt Ion:240 Resp: 181474

Ion Ratio Lower Upper

240 100

120 7.3 5.3 7.9

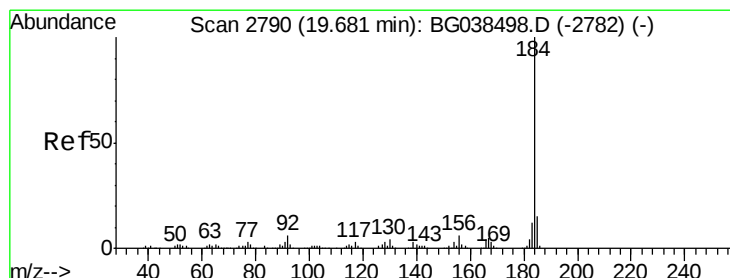
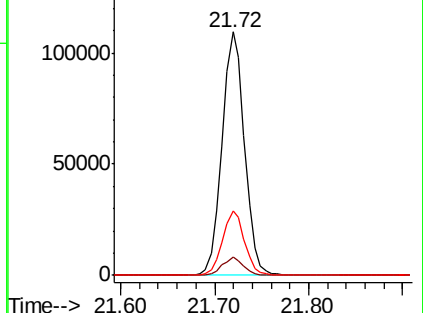
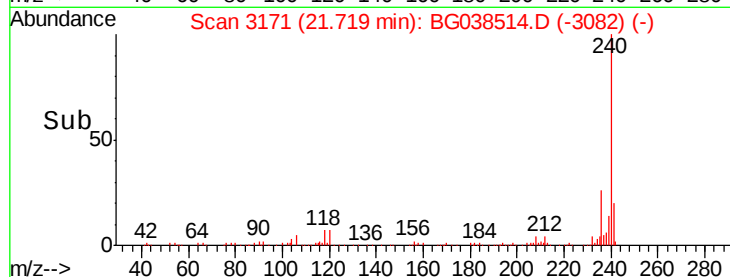
236 26.2 21.4 32.2



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: 2.799 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

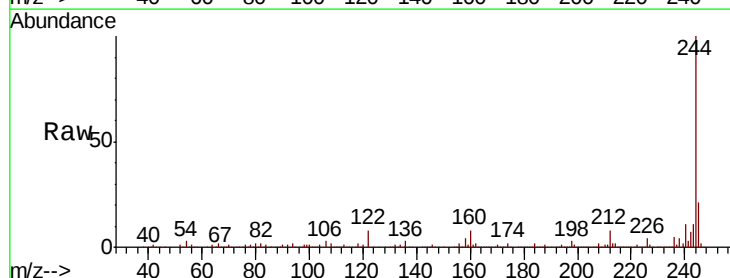
Tgt Ion:184 Resp: 15023

Ion Ratio Lower Upper

184 100

185 16.7 12.2 18.2

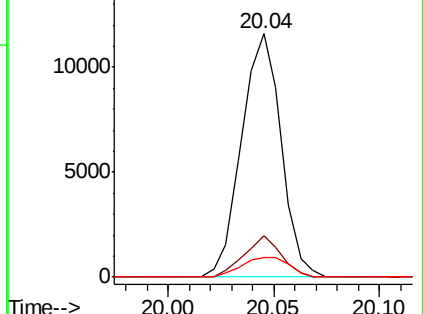
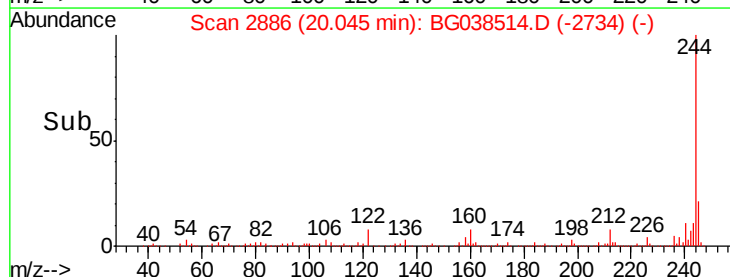
183 8.2 9.6 14.4#

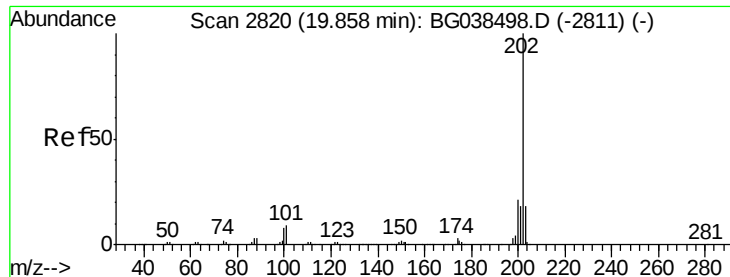


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 0.125 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

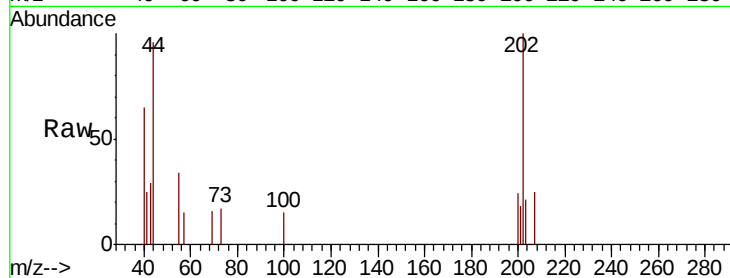
Tgt Ion:202 Resp: 1504

Ion Ratio Lower Upper

202 100

200 24.0 16.6 25.0

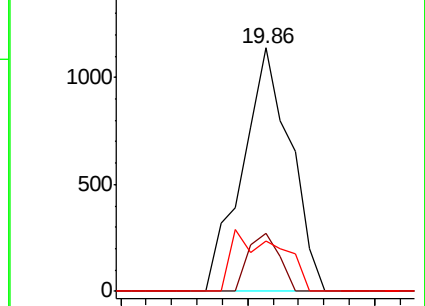
203 20.7 14.6 21.8



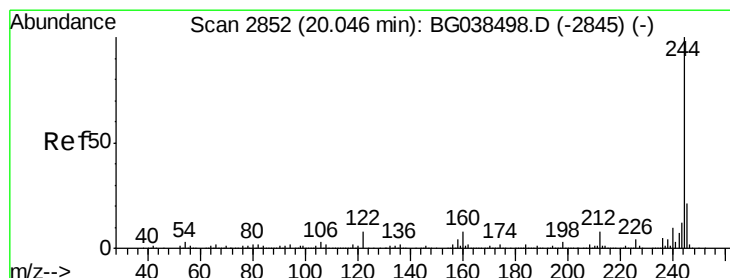
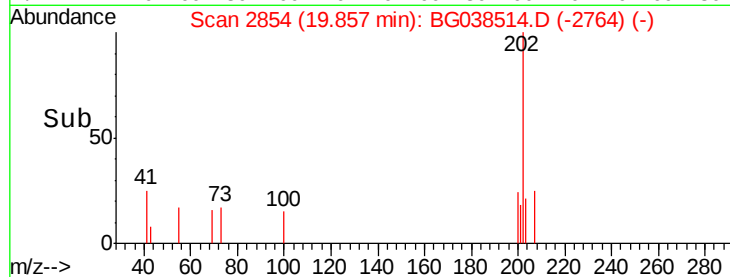
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.80 19.85 19.90



#79

Terphenyl-d14

Concen: 104.210 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

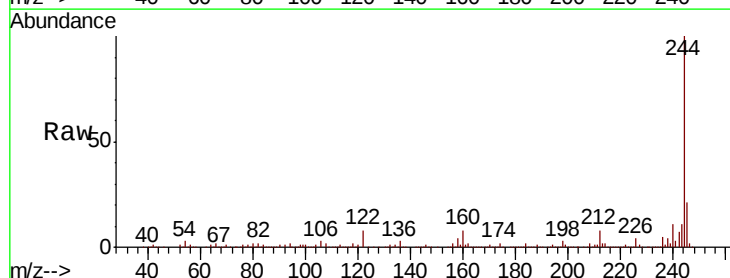
Tgt Ion:244 Resp: 868954

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

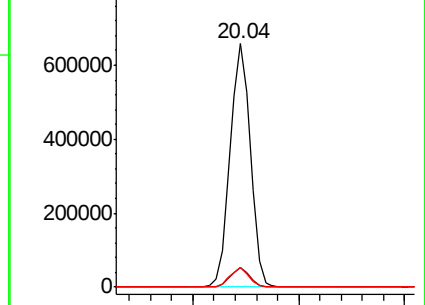
122 7.8 6.3 9.5



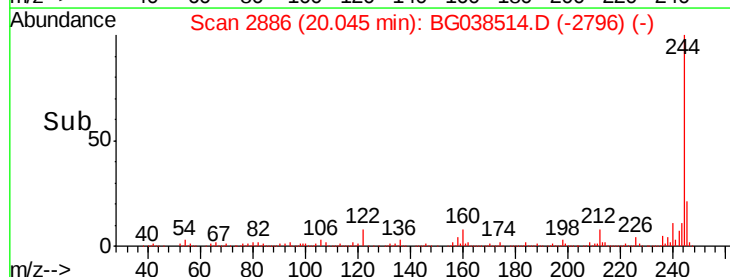
Abundance Ion 244.00 (243.70 to 244.70): E

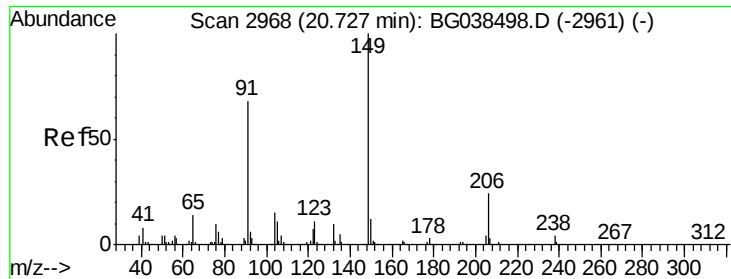
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10

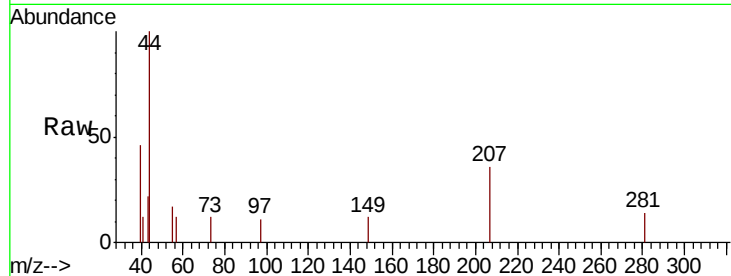




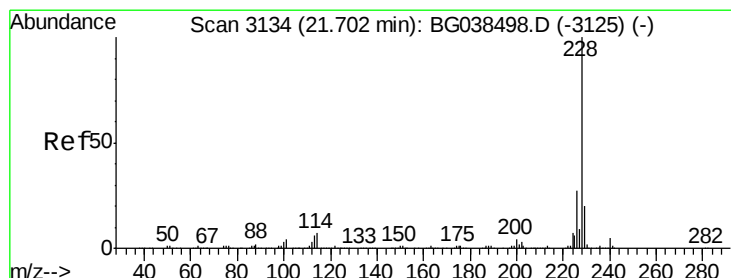
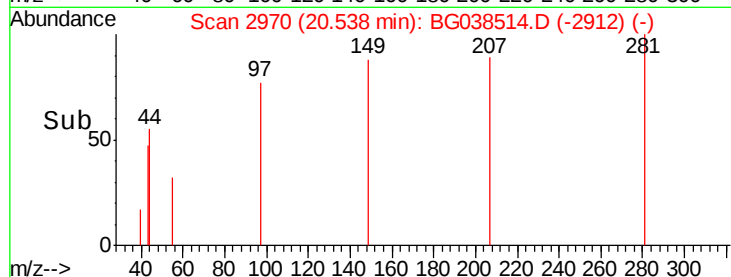
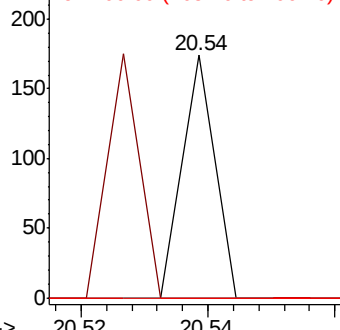
#80
Butylbenzylphthalate
Concen: 0.013 ng
RT: 20.54 min Scan# 2970
Delta R.T. -0.19 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
149	100		
91	0.0	54.5	81.7#
206	0.0	19.0	28.6#

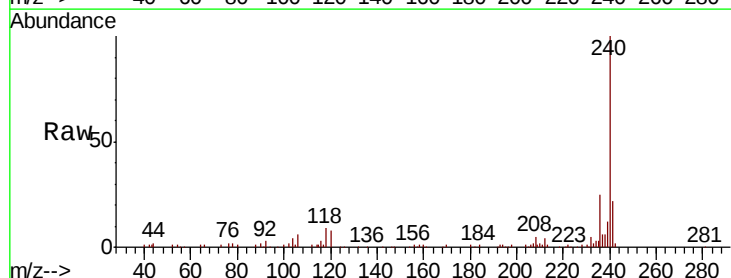


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

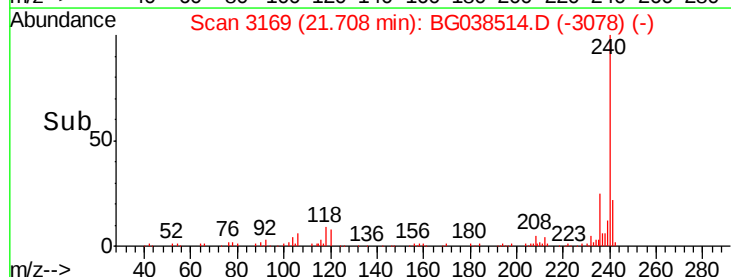
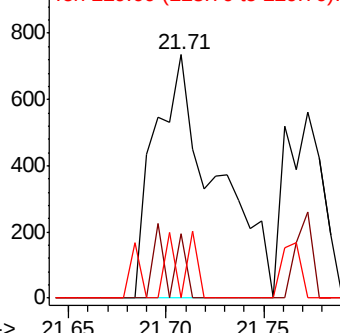


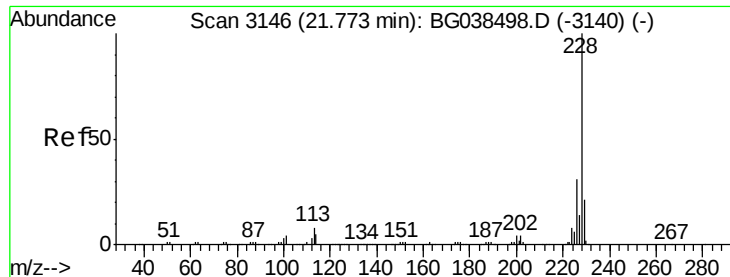
#81
Benzo(a)anthracene
Concen: 0.144 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	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: 0.069 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

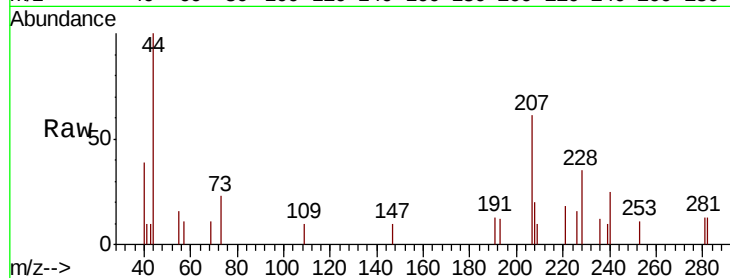
Tgt Ion:228 Resp: 735

Ion Ratio Lower Upper

228 100

226 46.2 25.0 37.4#

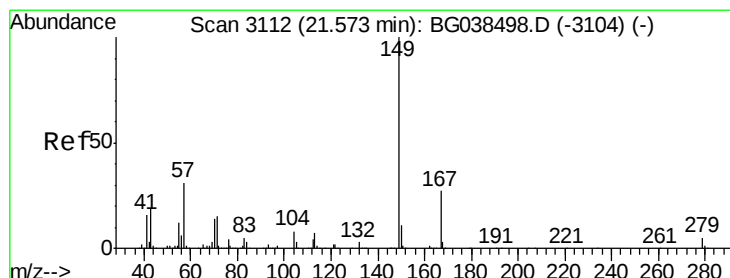
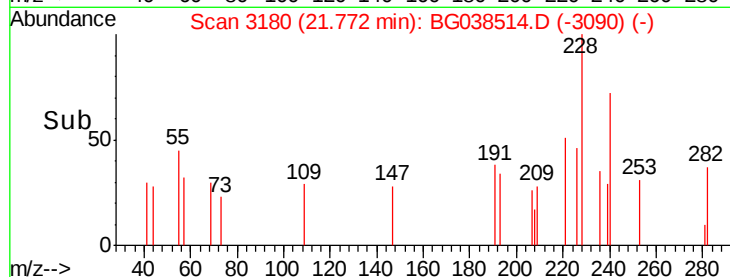
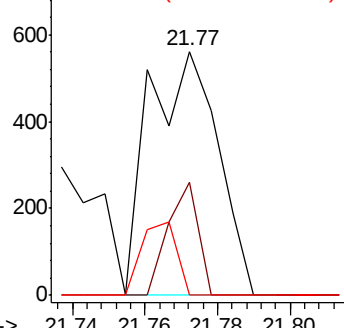
229 0.0 16.5 24.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.196 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

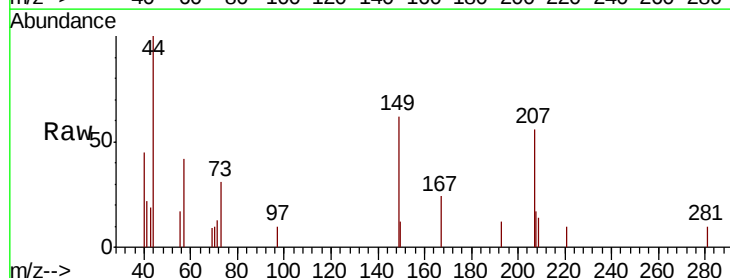
Tgt Ion:149 Resp: 1302

Ion Ratio Lower Upper

149 100

167 39.5 21.9 32.9#

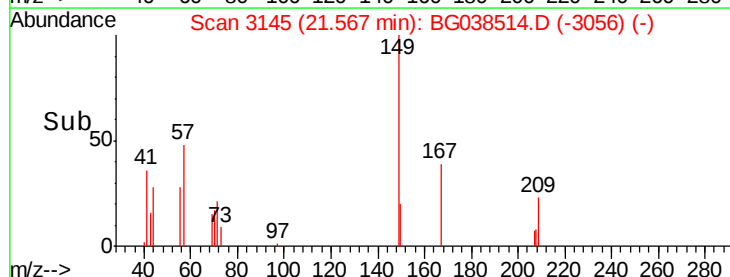
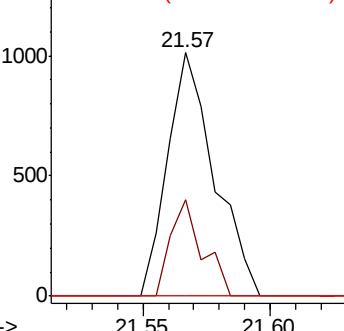
279 0.0 4.2 6.2#

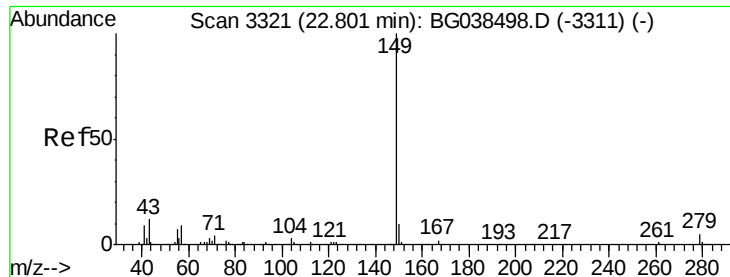


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

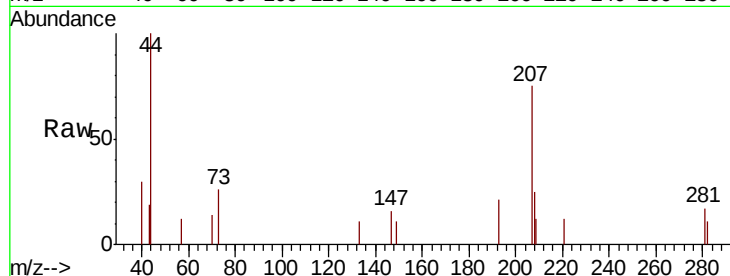




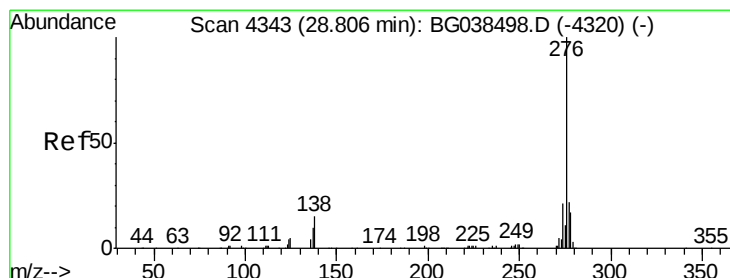
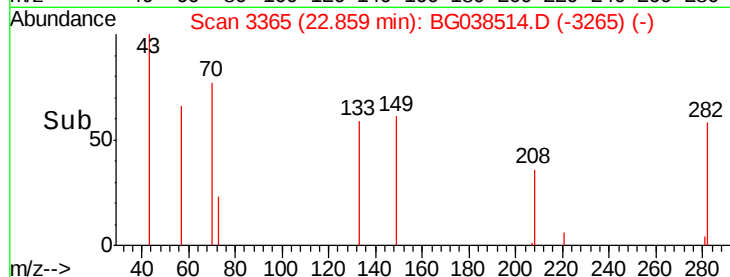
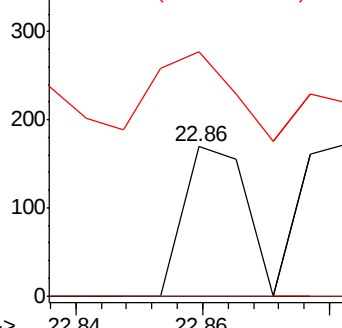
#85
Di-n-octyl phthalate
Concen: 0.010 ng
RT: 22.86 min Scan# 3365
Delta R.T. 0.06 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampled :
TP-3

Tgt Ion:149 Resp: 114
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 689.5 9.3 13.9#

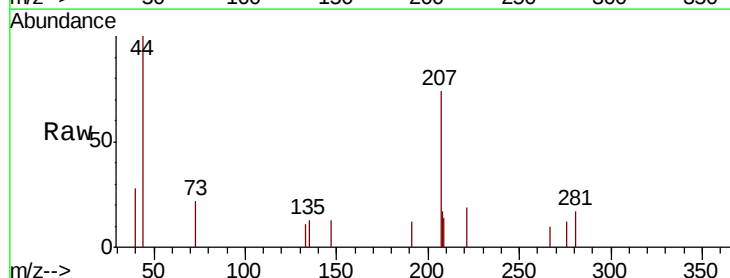


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

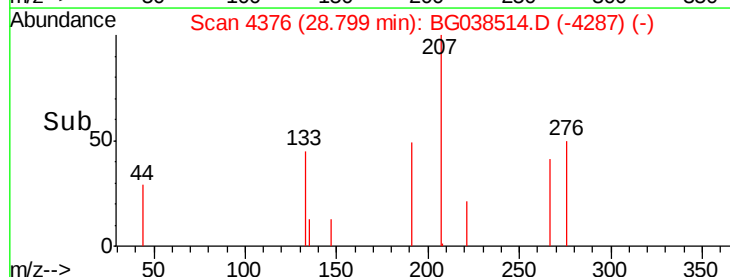
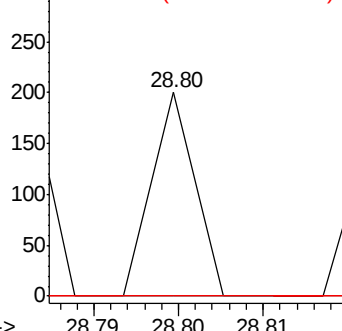


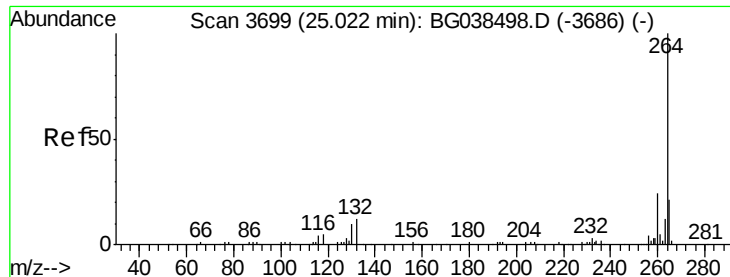
#86
Indeno(1,2,3-cd)pyrene
Concen: 0.006 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion:276 Resp: 71
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



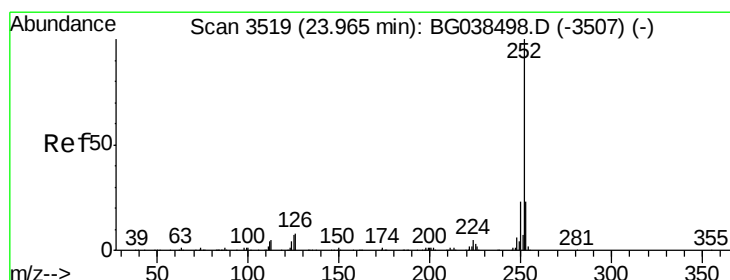
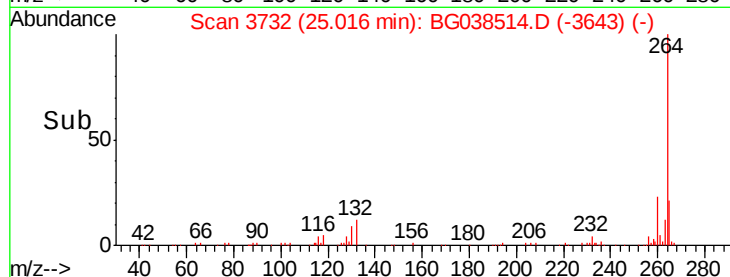
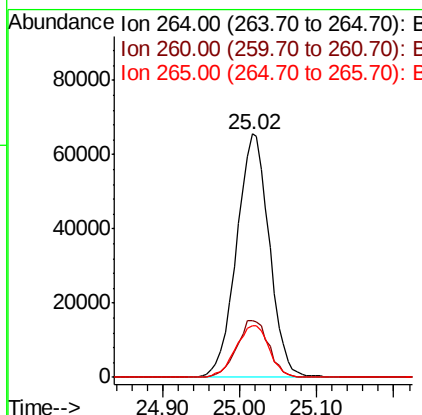
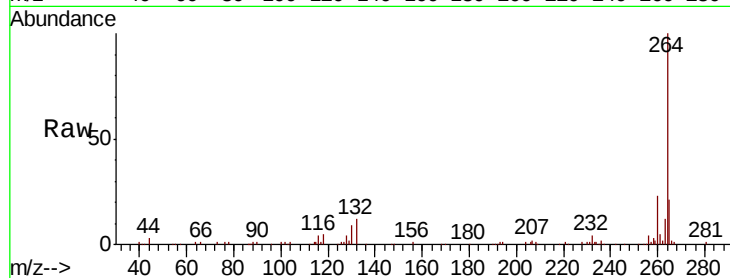


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Instrument :
BNA_G
ClientSampleId :
TP-3

Tgt Ion: 264 Resp: 195035

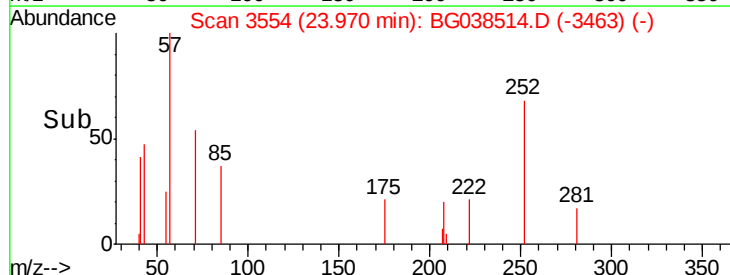
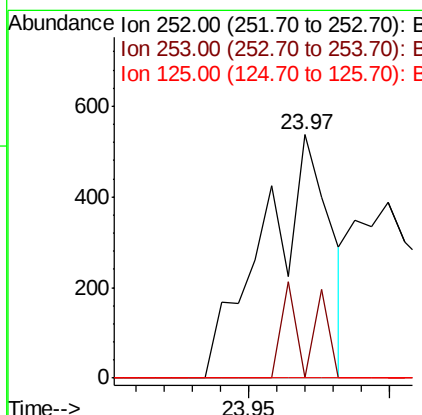
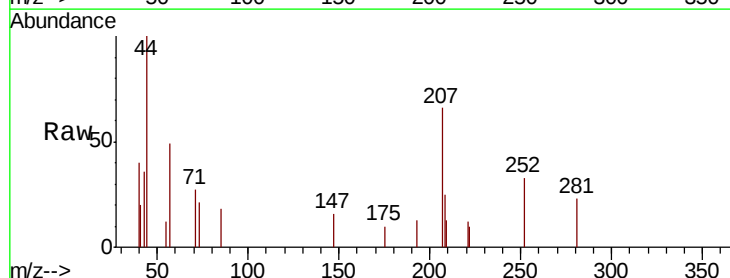
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.1	17.0	25.4

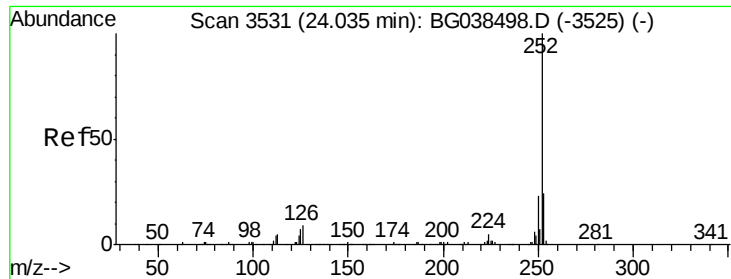


#88
Benzo(b)fluoranthene
Concen: 0.081 ng
RT: 23.97 min Scan# 3554
Delta R.T. 0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion: 252 Resp: 869

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

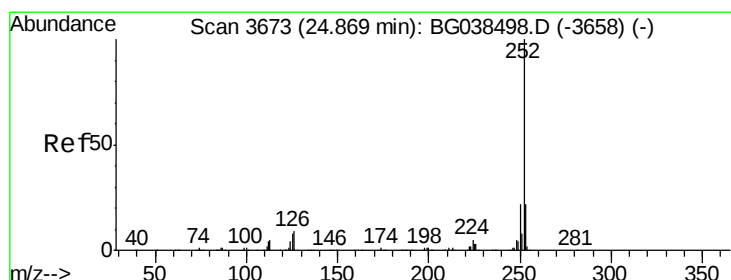
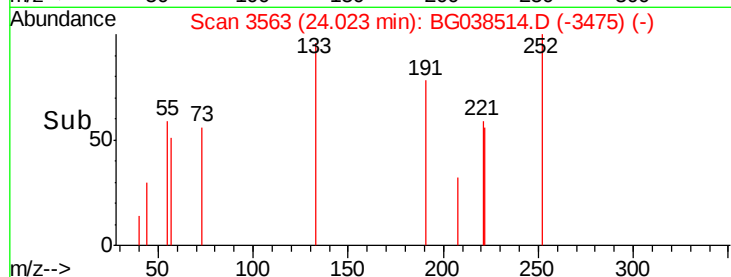
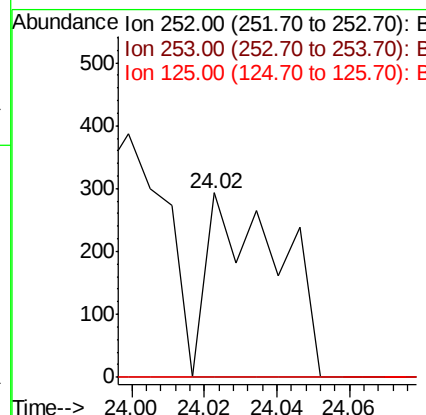
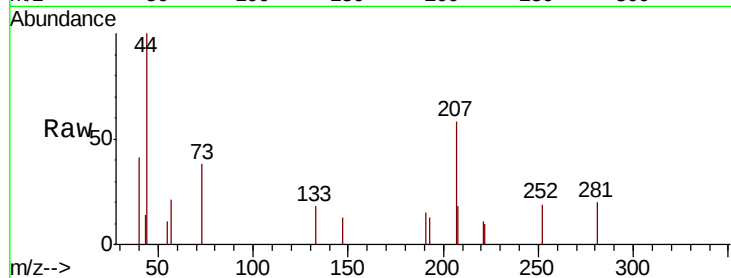




#89
Benzo(k)fluoranthene
Concen: 0.038 ng
RT: 24.02 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

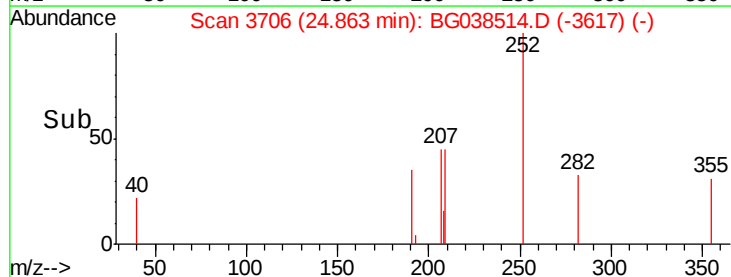
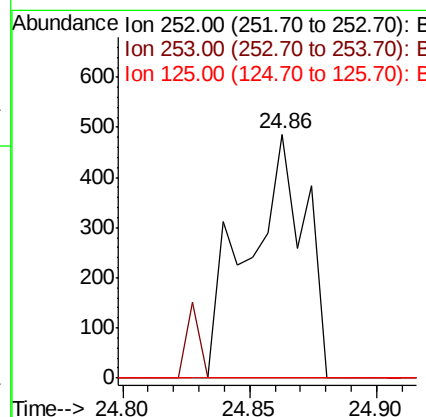
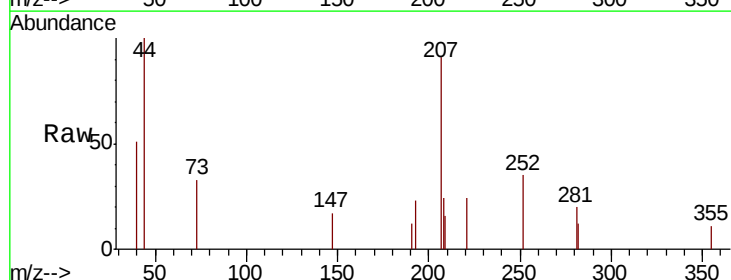
Instrument :
BNA_G
ClientSampleId :
TP-3

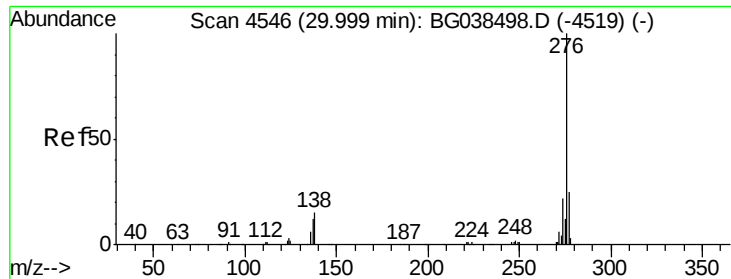
Tgt Ion:252 Resp: 402
Ion Ratio Lower Upper
252 100
253 0.0 18.9 28.3#
125 0.0 5.4 8.2#



#90
Benzo(a)pyrene
Concen: 0.075 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG038514.D
Acq: 13 Dec 2018 1:20

Tgt Ion:252 Resp: 774
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: 0.018 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038514.D

Acq: 13 Dec 2018 1:20

Instrument :

BNA_G

ClientSampleId :

TP-3

Tgt Ion: 276 Resp: 184

Ion Ratio Lower Upper

276 100

277 0.0 19.8 29.8#

138 0.0 11.8 17.6#

