

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038512.D
 Acq On : 13 Dec 2018 00:02
 Operator : JU/SJ
 Sample : J6157-12RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Quant Time: Dec 13 06:11:52 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	27309	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	106767	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	62436	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	190030	20.00	ng	0.00
76) Chrysene-d12	21.72	240	195557	20.00	ng	0.00
87) Perylene-d12	25.01	264	93941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	48595	31.56	ng	0.00
7) Phenol-d6	7.21	99	38279	18.11	ng	0.00
23) Nitrobenzene-d5	9.24	82	143437	68.63	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	70508	81.94	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	339618	74.62	ng	0.00
79) Terphenyl-d14	20.04	244	620635	69.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	161	0.225	ng	# 58
4) n-Nitrosodimethylamine	3.93	42	752	0.778	ng	# 1
6) Aniline	7.23	93	638	0.236	ng	# 1
9) Benzaldehyde	7.23	77	77	0.056	ng	# 3
10) Phenol	7.24	94	27444	12.221	ng	95
11) bis(2-Chloroethyl)ether	7.23	93	638	0.357	ng	# 1
15) Benzyl Alcohol	8.37	79	2411	1.461	ng	# 53
16) 2,2'-oxybis(1-Chloropropan	8.10	45	58	0.014	ng	78
19) n-Nitroso-di-n-propylamine	9.24	70	19207	12.938	ng	# 70
22) Acetophenone	9.37	105	57	0.021	ng	# 43
24) Nitrobenzene	9.23	77	485	0.229	ng	# 39
27) 2,4-Dimethylphenol	10.16	122	5913	3.813	ng	# 1
32) Benzoic acid	10.16	122	5913	14.896	ng	86
46) 1,1'-Biphenyl	13.53	154	659	0.126	ng	80
48) 2-Nitroaniline	14.14	65	729	0.566	ng	# 1
50) Dimethylphthalate	14.14	163	71868	14.095	ng	97
51) 2,6-Dinitrotoluene	14.14	165	844	0.730	ng	# 14
52) Acenaphthene	14.70	154	61	0.017	ng	# 4
57) 2,4-Dinitrotoluene	14.70	165	8259	5.075	ng	# 21
58) Fluorene	16.19	166	2119	0.462	ng	# 93
60) Diethylphthalate	15.49	149	26573	4.747	ng	98
63) Azobenzene	16.06	77	57	0.012	ng	# 45
65) 4,6-Dinitro-2-methylphenol	16.18	198	56	0.041	ng	80
66) n-Nitrosodiphenylamine	16.18	169	2493	0.446	ng	# 37
67) 4-Bromophenyl-phenylether	16.19	248	4614	1.988	ng	# 1
71) Phenanthrene	17.49	178	1018	0.103	ng	# 81
72) Anthracene	17.49	178	1018	0.105	ng	# 82
74) Di-n-butylphthalate	18.38	149	1232	0.112	ng	# 77
75) Fluoranthene	19.86	202	911	0.075	ng	74
77) Benzidine	20.04	184	10807	1.869	ng	# 93
78) Pyrene	19.86	202	911	0.071	ng	# 63
80) Butylbenzylphthalate	20.72	149	172	0.034	ng	# 43
81) Benzo(a)anthracene	21.73	228	1209	0.101	ng	# 55
83) Chrysene	21.76	228	423	0.037	ng	# 52

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

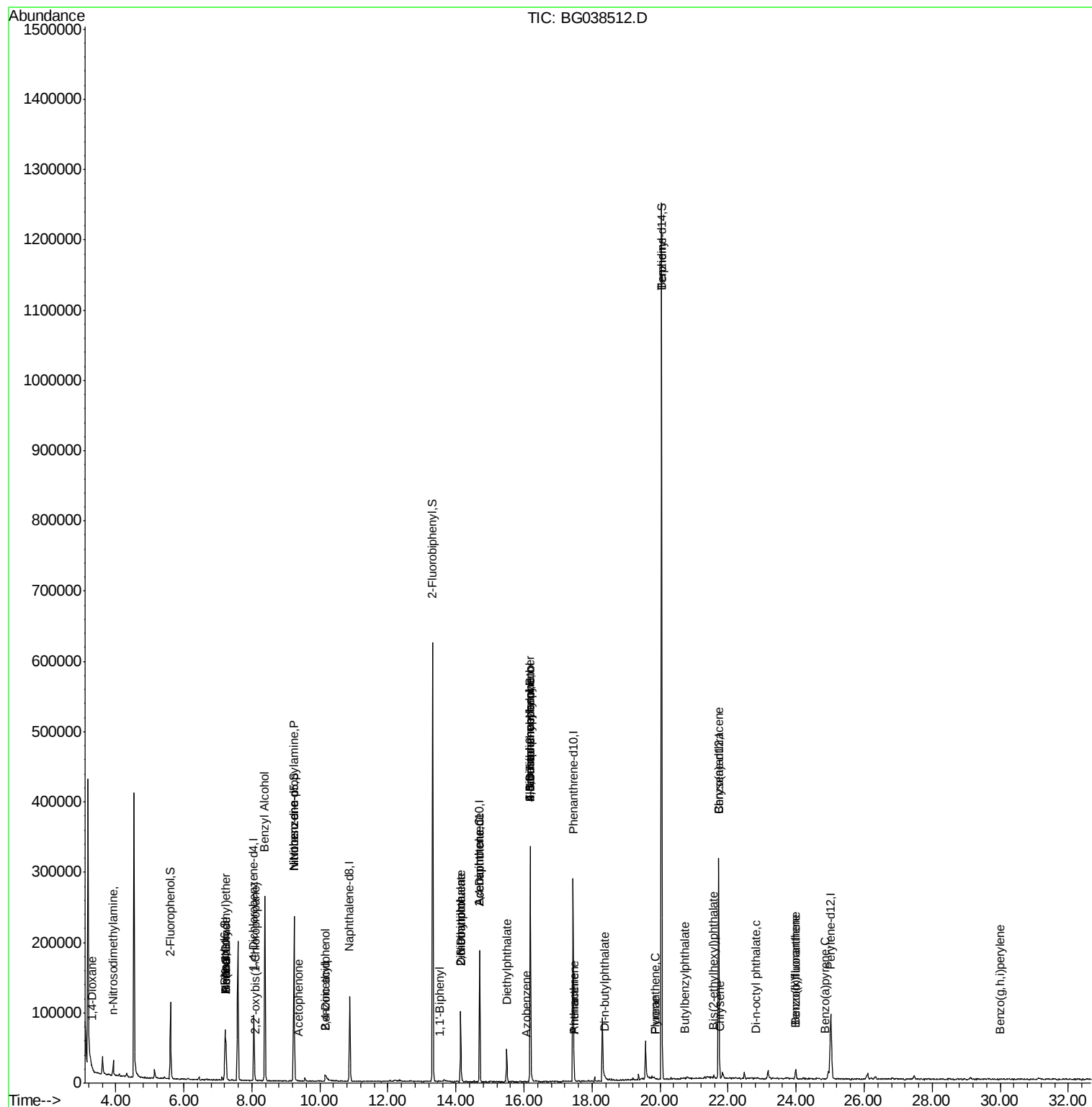
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phthalate	21.58	149	1150	0.161	ng	# 53
85) Di-n-octyl phthalate	22.81	149	62	0.005	ng	# 1
88) Benzo(b)fluoranthene	23.97	252	329	0.064	ng	# 59
89) Benzo(k)fluoranthene	23.99	252	128	0.025	ng	# 58
90) Benzo(a)pyrene	24.86	252	65	0.013	ng	# 60
92) Benzo(g,h,i)perylene	29.99	276	67	0.014	ng	# 56

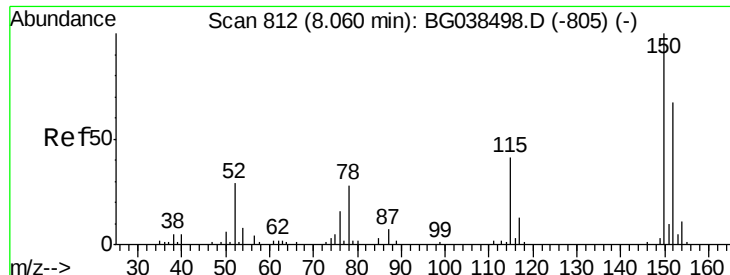
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

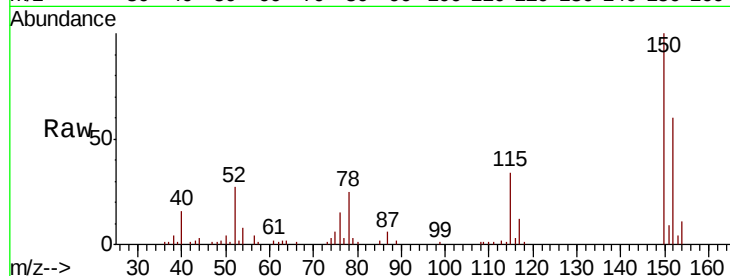
Tgt Ion:152 Resp: 27309

Ion Ratio Lower Upper

152 100

150 167.7 119.5 179.3

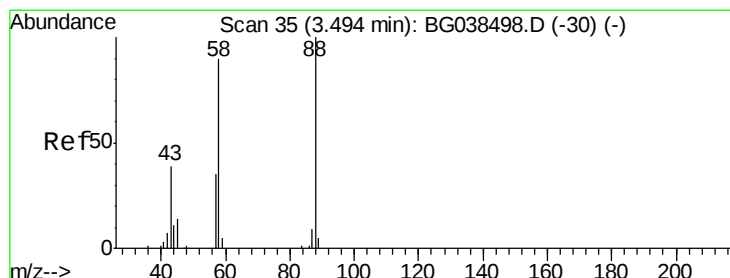
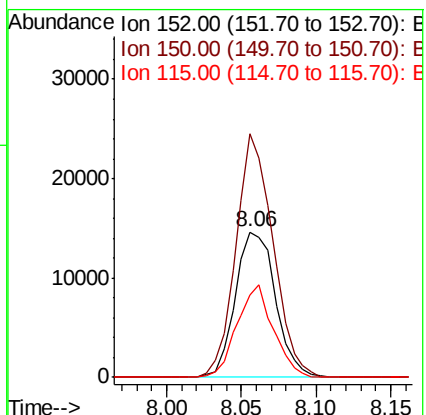
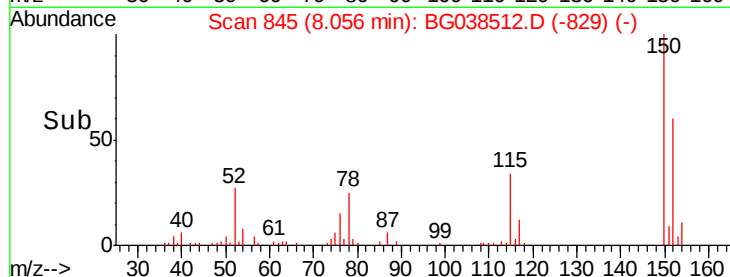
115 56.4 49.6 74.4



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: 0.225 ng

RT: 3.29 min Scan# 34

Delta R.T. -0.20 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

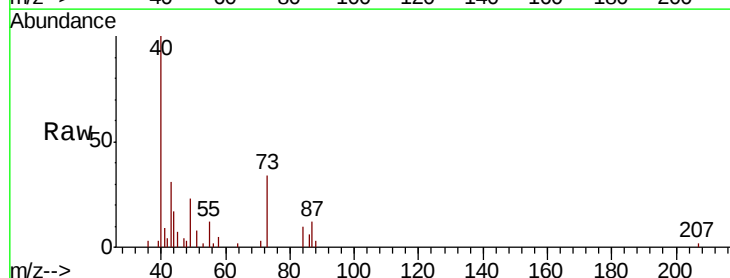
Tgt Ion: 88 Resp: 161

Ion Ratio Lower Upper

88 100

58 63.4 75.7 113.5#

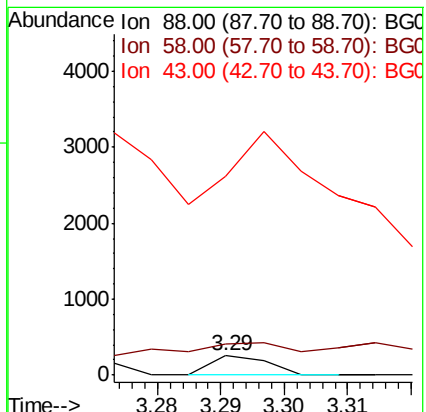
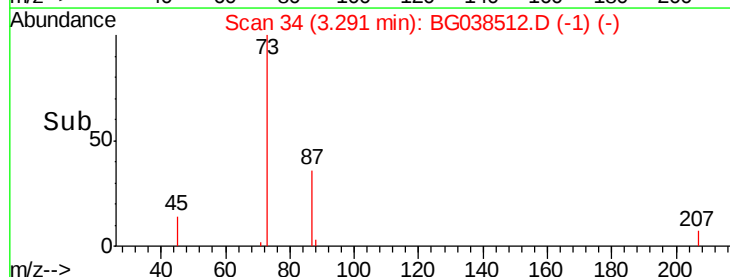
43 0.0 31.6 47.4#

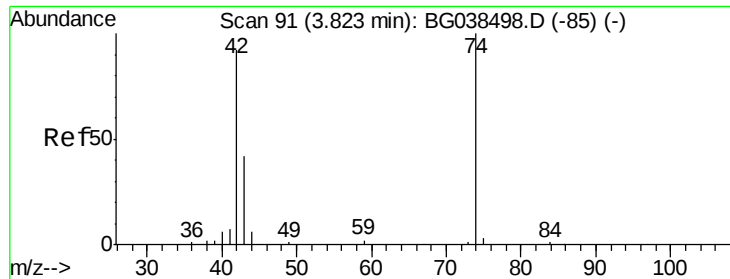


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#4

n-Nitrosodimethylamine

Concen: 0.778 ng

RT: 3.93 min Scan# 143

Delta R.T. 0.11 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

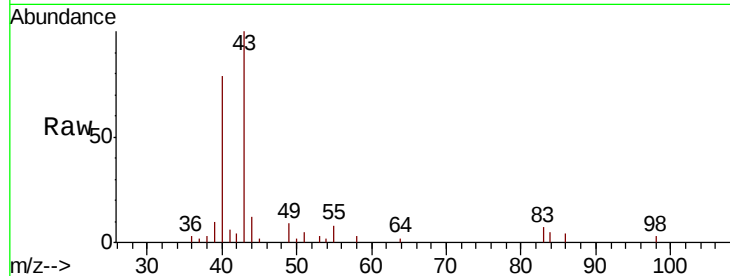
Tgt Ion: 42 Resp: 752

Ion Ratio Lower Upper

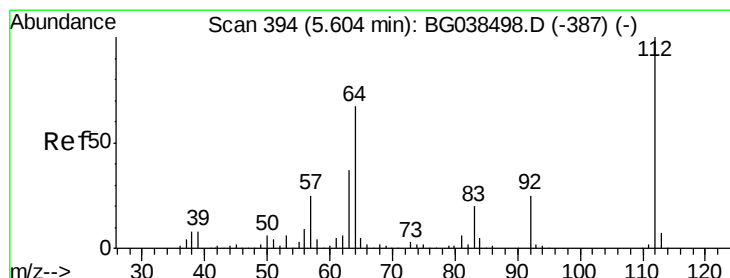
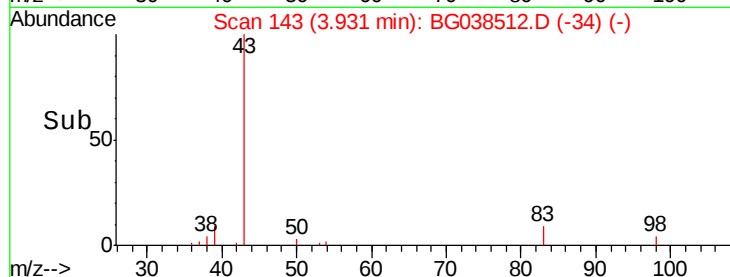
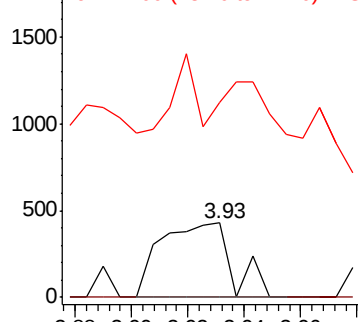
42 100

74 0.0 86.7 130.1#

44 262.8 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: 31.561 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

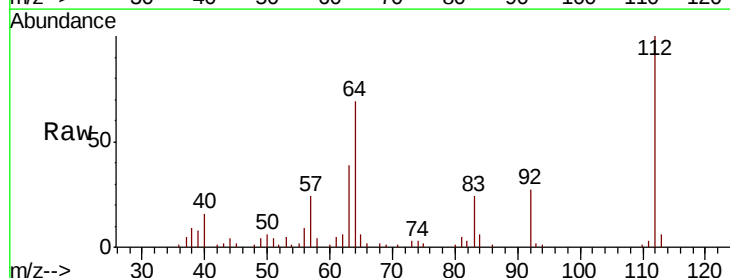
Tgt Ion: 112 Resp: 48595

Ion Ratio Lower Upper

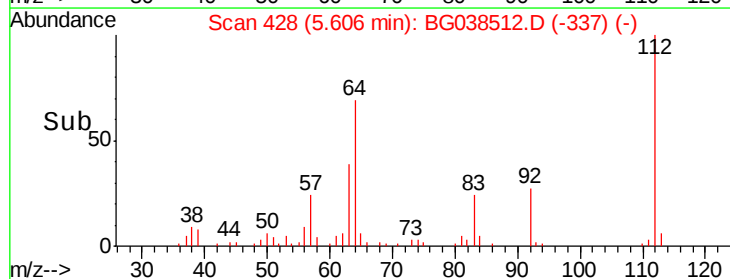
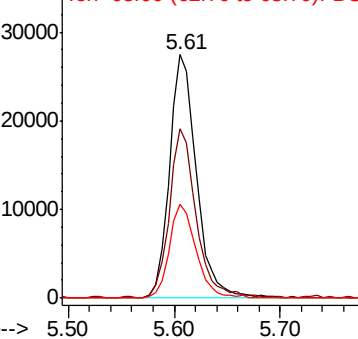
112 100

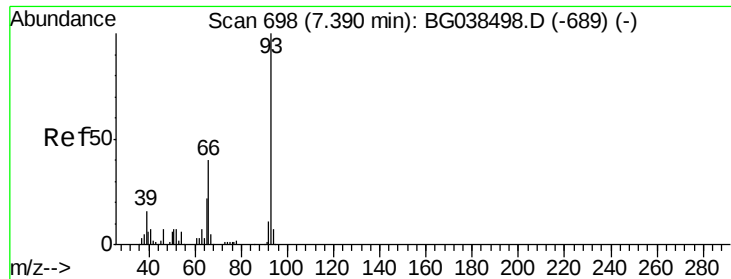
64 69.5 53.4 80.2

63 38.7 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: 0.236 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.16 min

Lab File: BG038512.D

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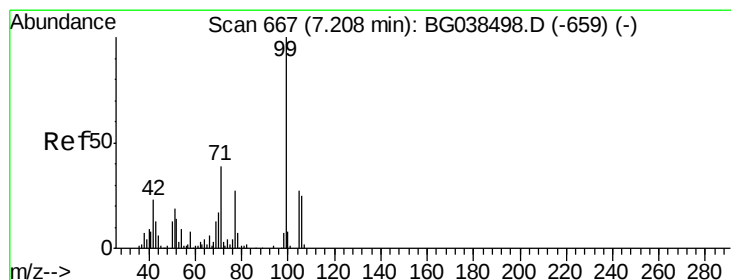
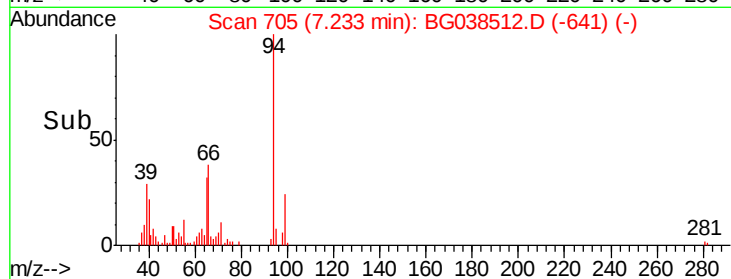
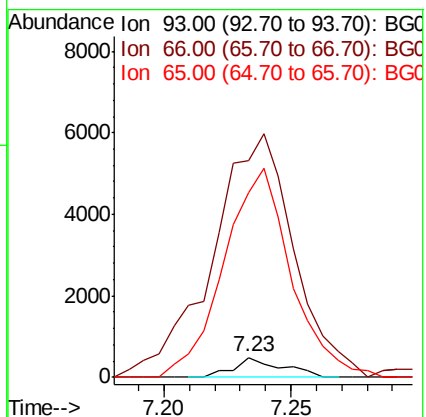
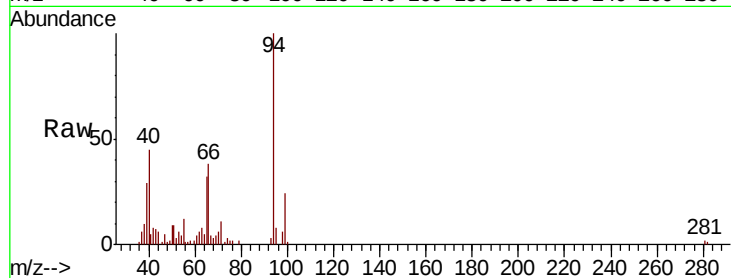
Tgt Ion: 93 Resp: 638

Ion Ratio Lower Upper

93 100

66 1083.5 31.7 47.5#

65 926.5 17.8 26.6#



#7

Phenol-d6

Concen: 18.110 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

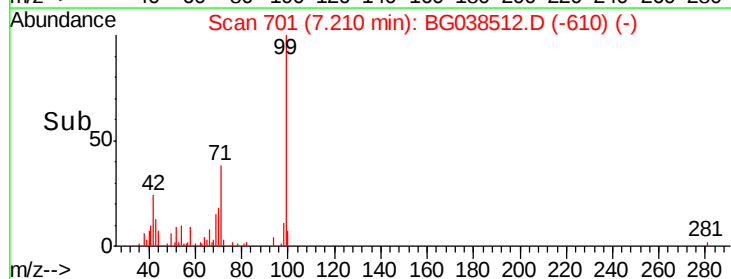
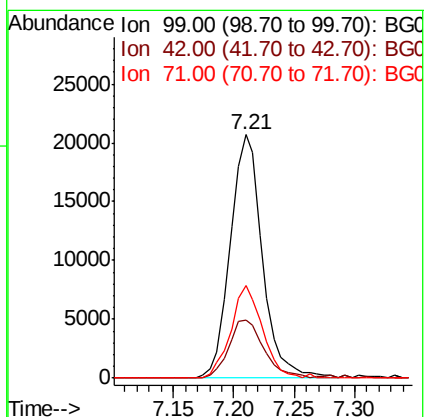
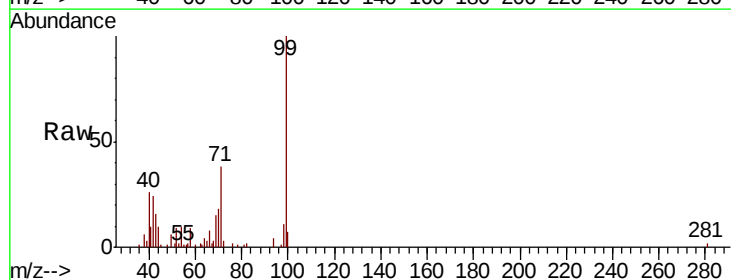
Tgt Ion: 99 Resp: 38279

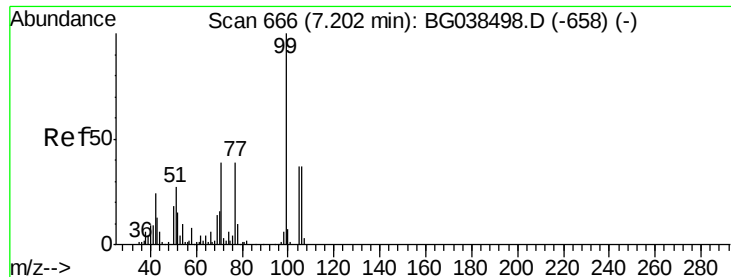
Ion Ratio Lower Upper

99 100

42 23.6 18.5 27.7

71 37.9 31.1 46.7





#9

Benzaldehyde

Concen: 0.056 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.03 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

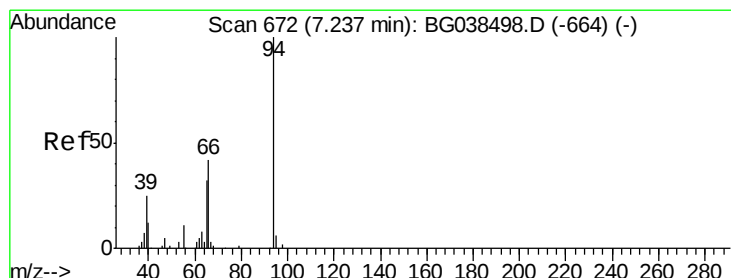
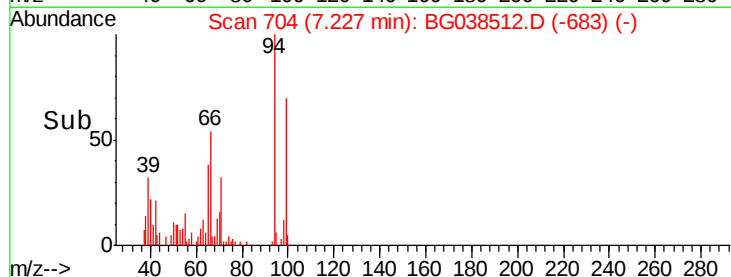
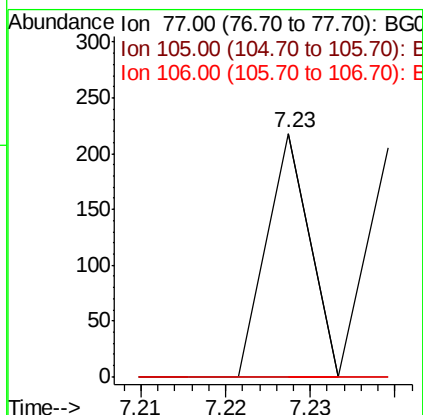
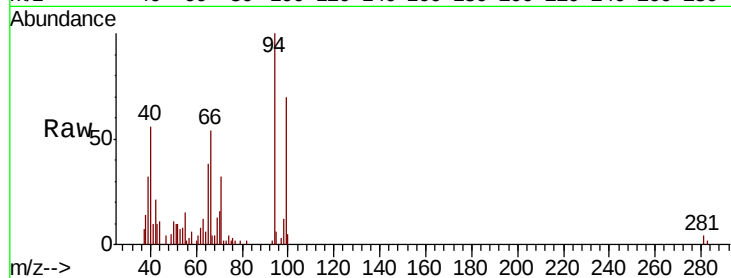
BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

Tgt Ion: 77 Resp: 77

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.0	114.0#
106	0.0	73.9	113.9#



#10

Phenol

Concen: 12.221 ng

RT: 7.24 min Scan# 706

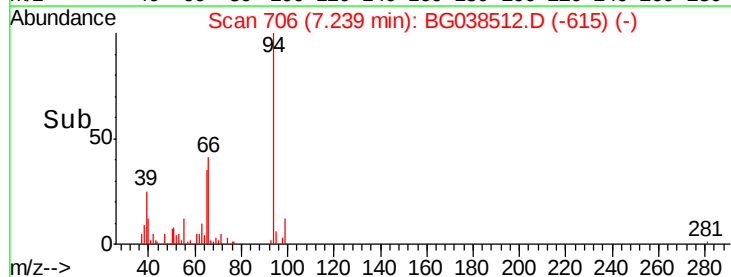
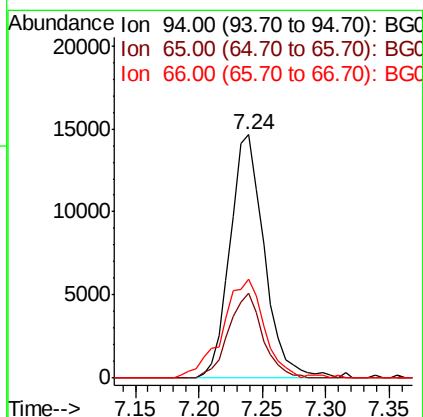
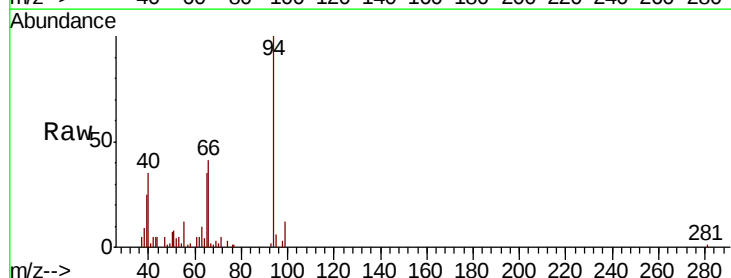
Delta R.T. 0.00 min

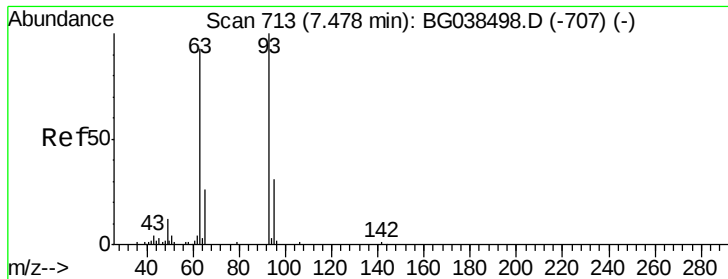
Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Tgt Ion: 94 Resp: 27444

Ion	Ratio	Lower	Upper
94	100		
65	34.9	12.6	52.6
66	40.8	24.1	64.1

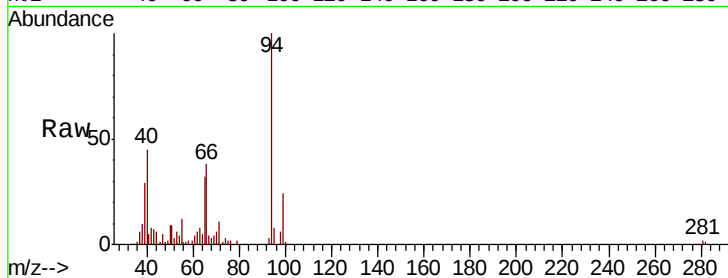




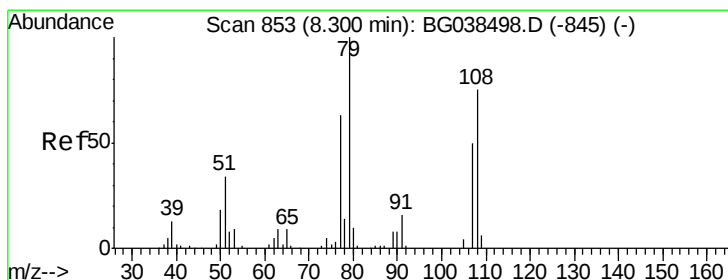
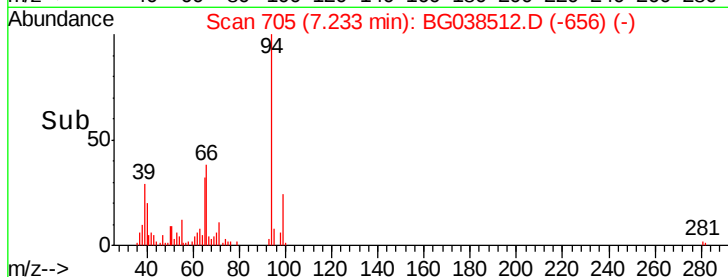
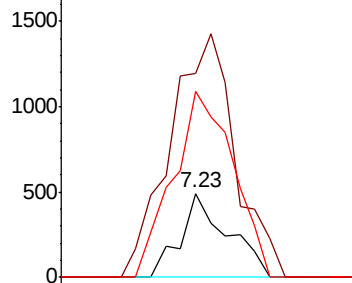
#11
bis(2-Chloroethyl)ether
Concen: 0.357 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.24 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

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Tgt Ion: 93 Resp: 638
Ion Ratio Lower Upper
93 100
63 243.5 72.2 112.2#
95 222.4 11.2 51.2#

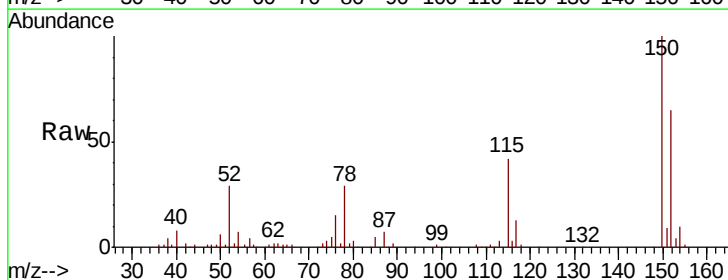


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

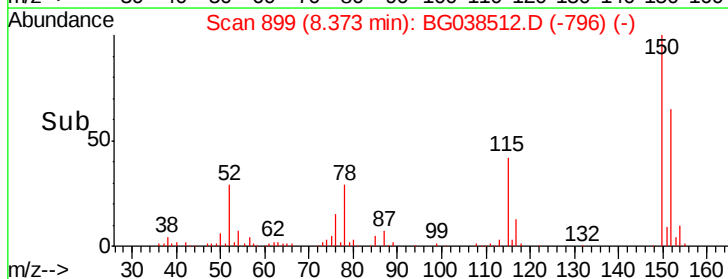
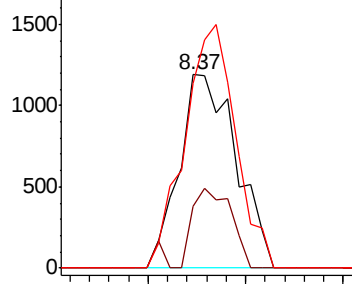


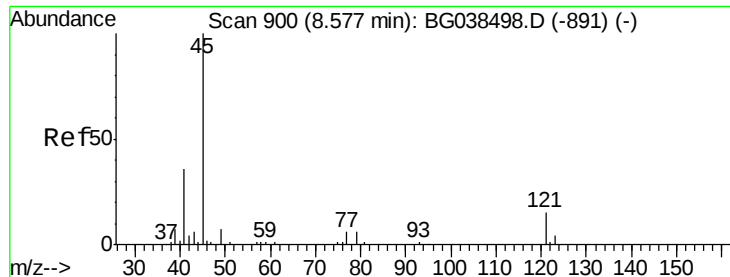
#15
Benzyl Alcohol
Concen: 1.461 ng
RT: 8.37 min Scan# 899
Delta R.T. 0.07 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion: 79 Resp: 2411
Ion Ratio Lower Upper
79 100
108 31.8 60.2 90.4#
77 95.6 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

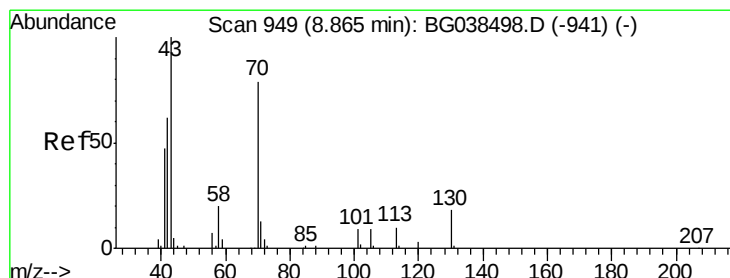
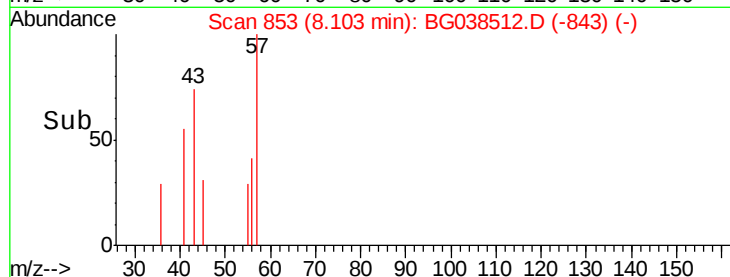
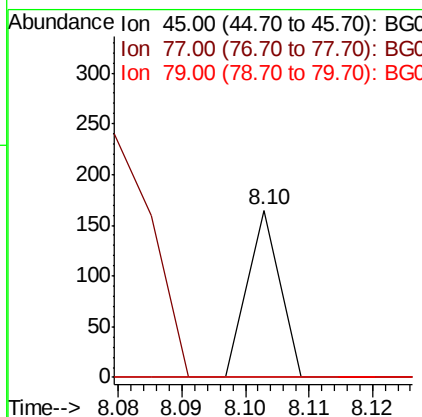
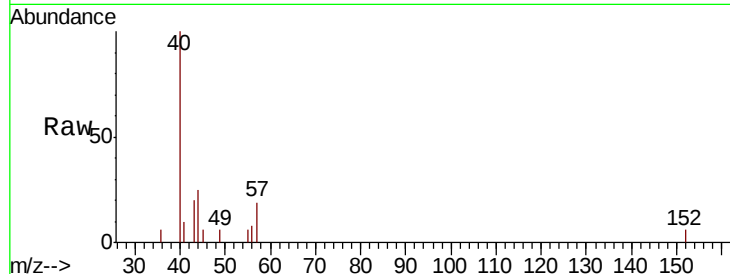




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.014 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.47 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

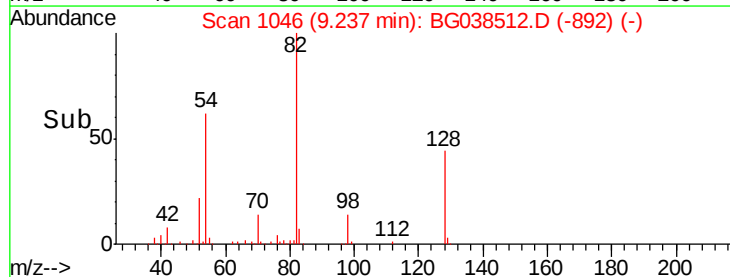
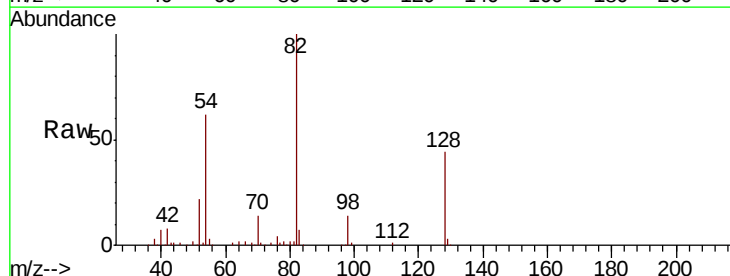
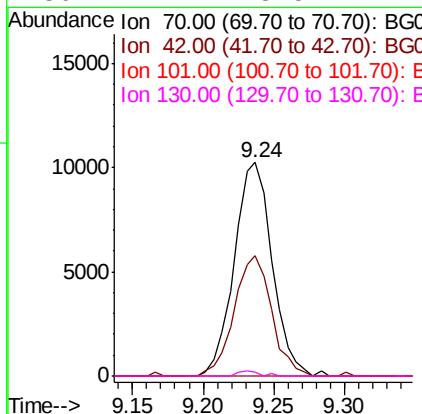
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

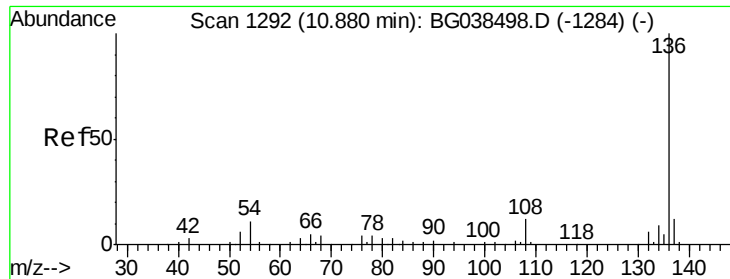
Tgt Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	28.2
79	0.0	0.0	27.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.938 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.4	63.6	95.4#
101	0.0	9.2	13.8#
130	1.7	18.5	27.7#

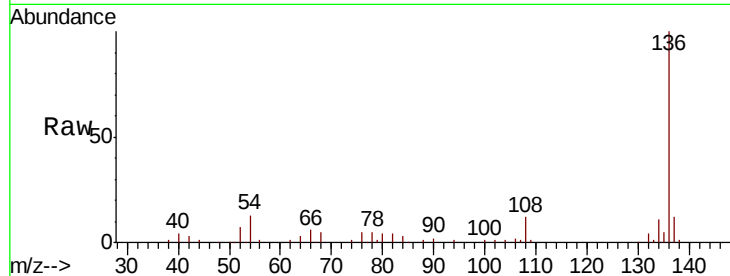




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:	136	Resp:	106767
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.3	13.9
54	12.6	8.5	12.7
68	5.2	3.5	5.3



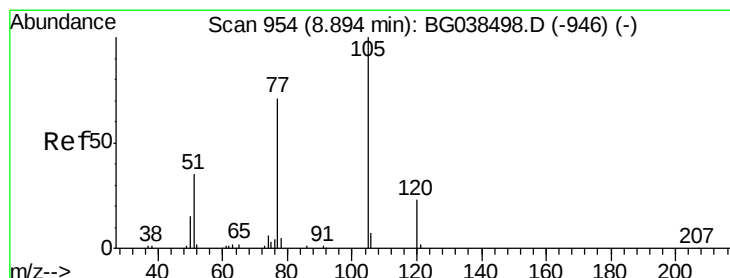
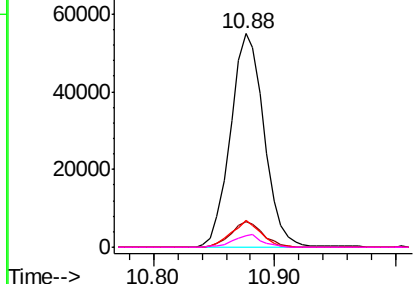
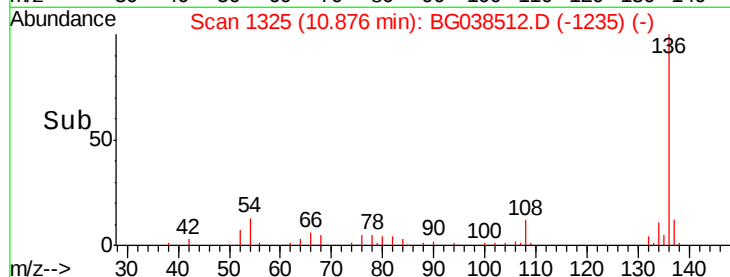
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

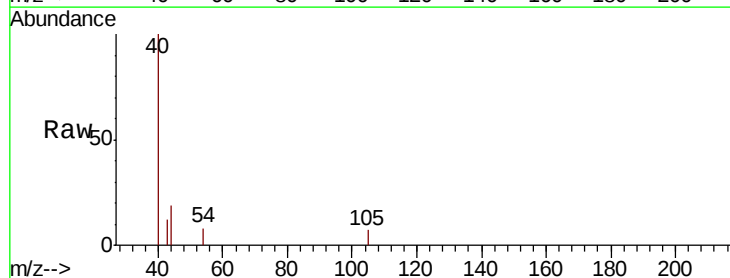
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 0.021 ng
RT: 9.37 min Scan# 1068
Delta R.T. 0.47 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion:	105	Resp:	57
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	0.0	30.6	46.0#
120	0.0	18.6	28.0#



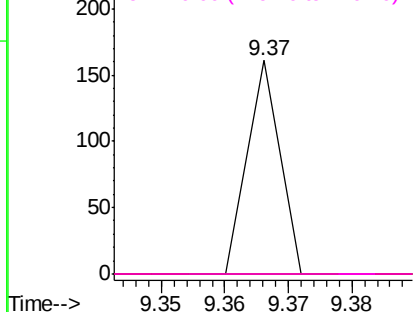
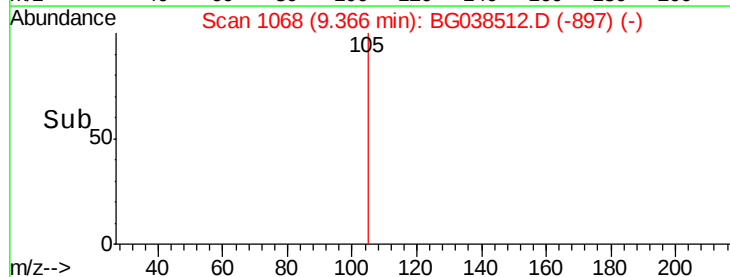
Abundance

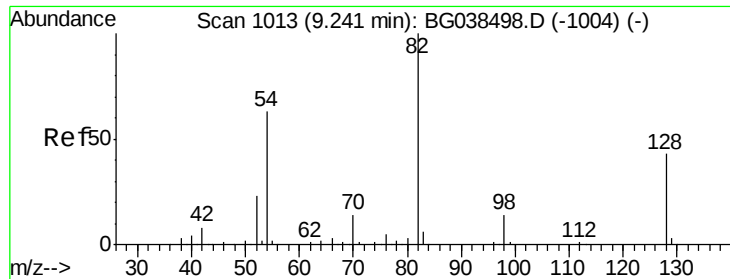
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

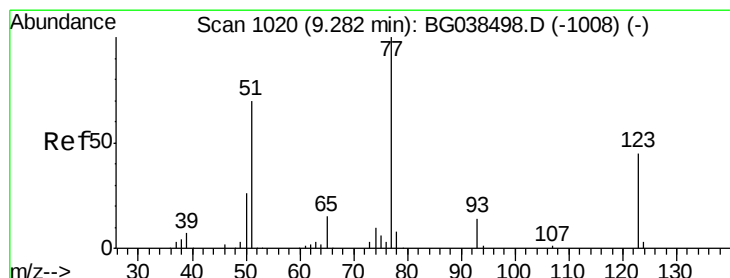
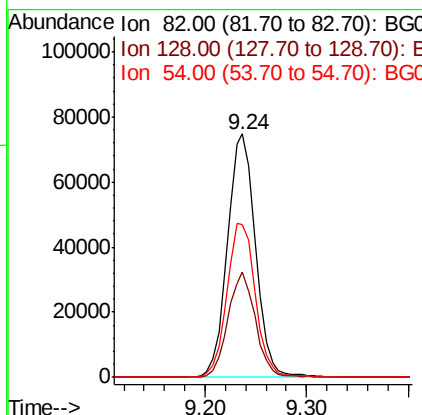
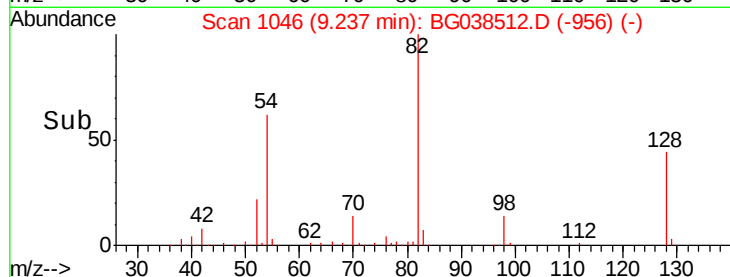
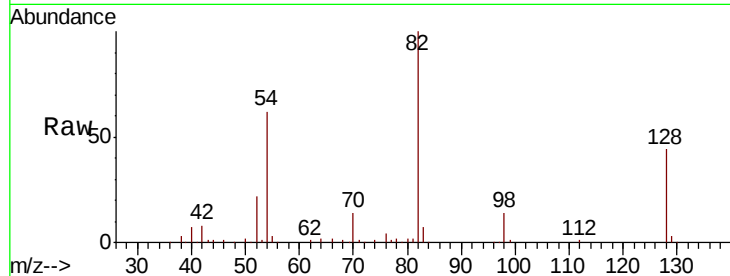




#23
 Nitrobenzene-d5
 Concen: 68.633 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

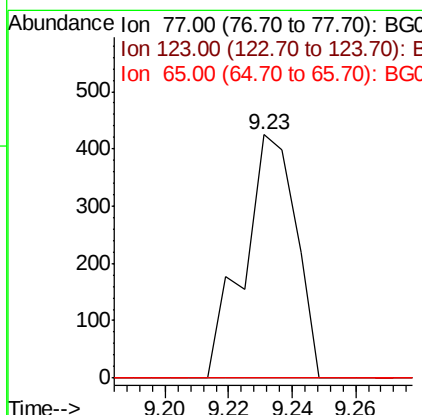
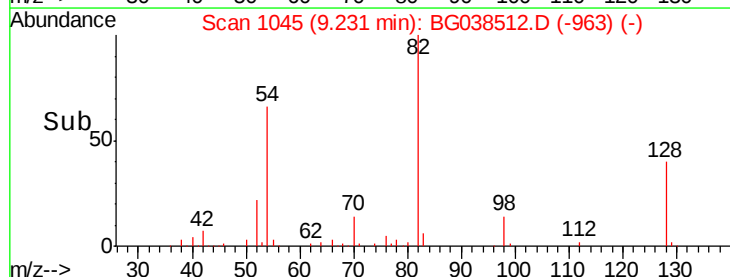
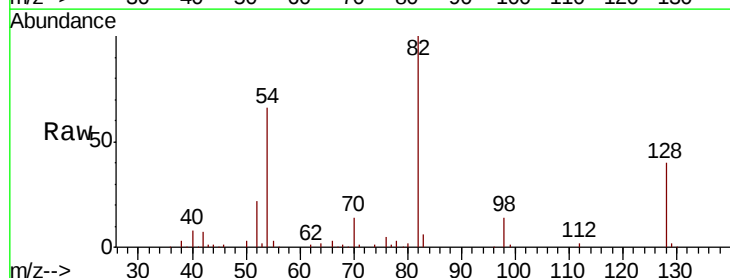
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

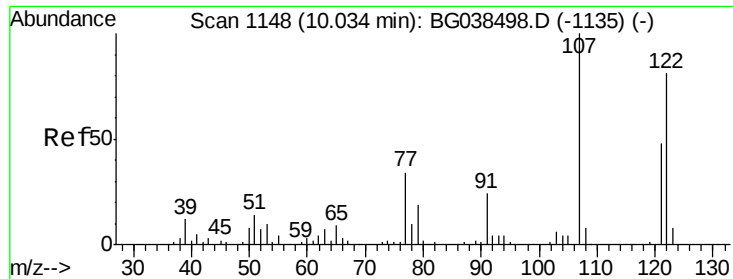
Tgt Ion: 82 Resp: 143437
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 62.5 50.6 76.0



#24
 Nitrobenzene
 Concen: 0.229 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.05 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion: 77 Resp: 485
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 0.0 12.0 18.0#

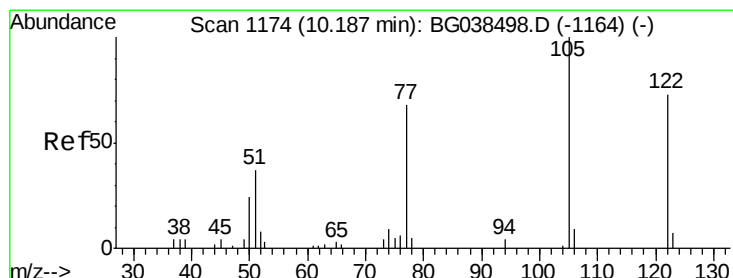
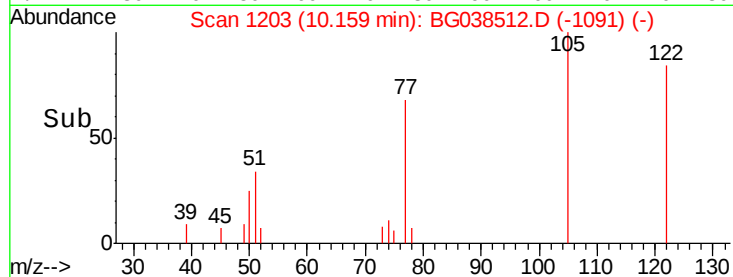
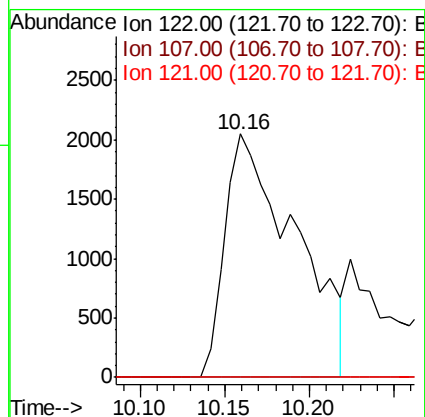
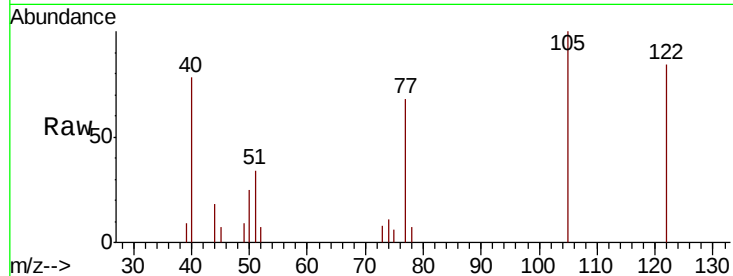




#27
 2,4-Dimethylphenol
 Concen: 3.813 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.13 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

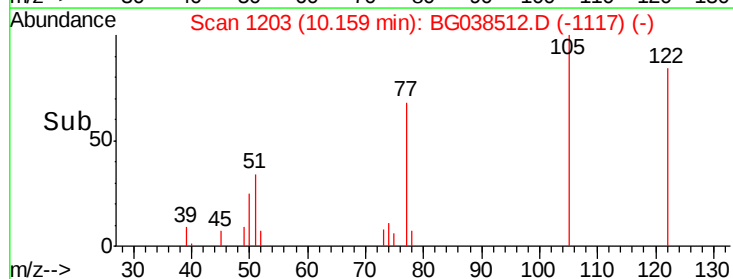
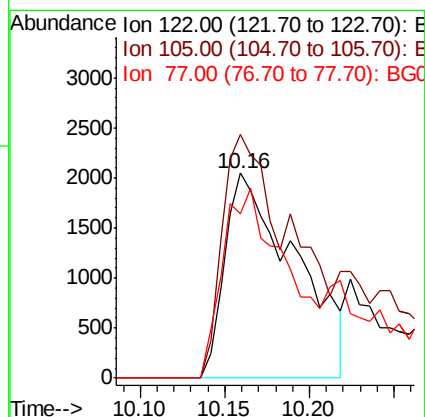
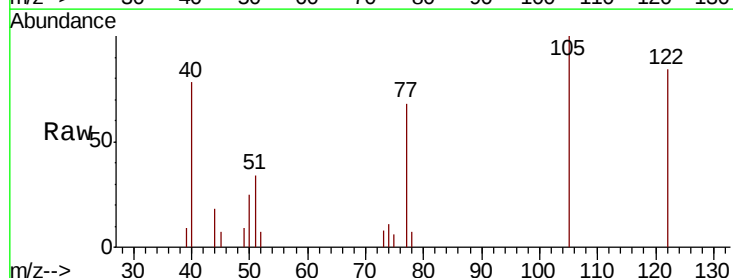
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

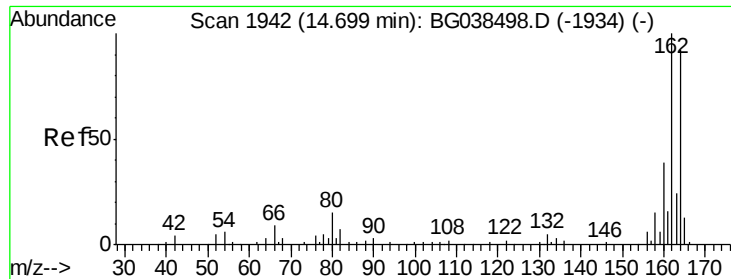
Tgt Ion:122 Resp: 5913
 Ion Ratio Lower Upper
 122 100
 107 0.0 98.4 147.6#
 121 0.0 47.2 70.8#



#32
 Benzoic acid
 Concen: 14.896 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion:122 Resp: 5913
 Ion Ratio Lower Upper
 122 100
 105 118.7 116.7 156.7
 77 80.2 72.5 112.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

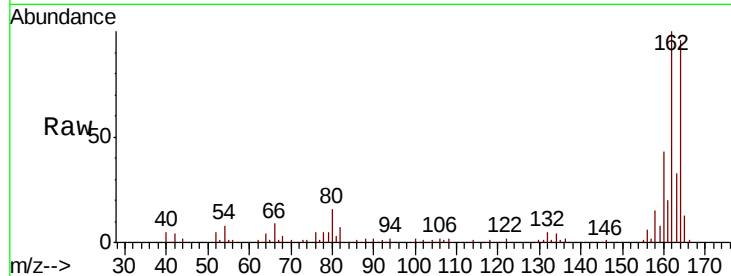
Tgt Ion:164 Resp: 62436

Ion Ratio Lower Upper

164 100

162 103.8 86.6 130.0

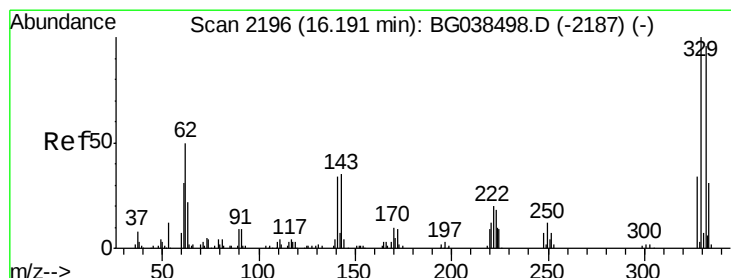
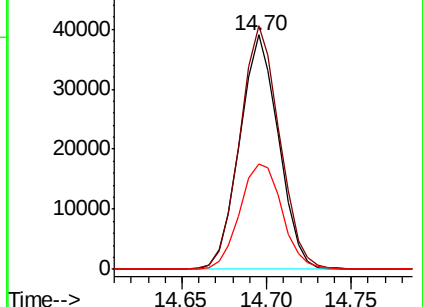
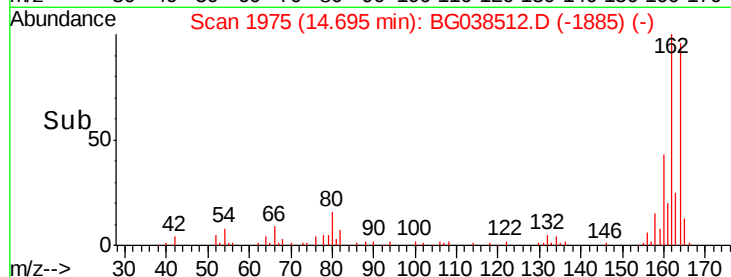
160 45.1 34.2 51.2



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: 81.940 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

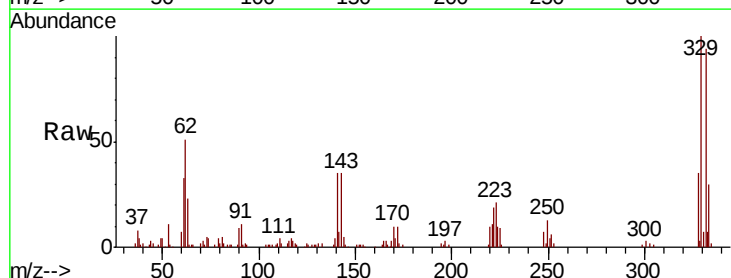
Tgt Ion:330 Resp: 70508

Ion Ratio Lower Upper

330 100

332 95.2 76.9 115.3

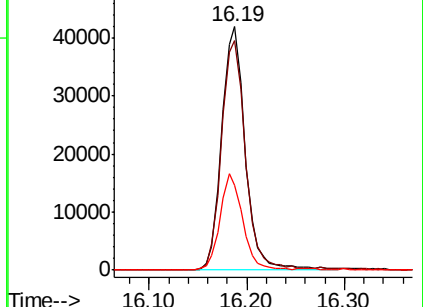
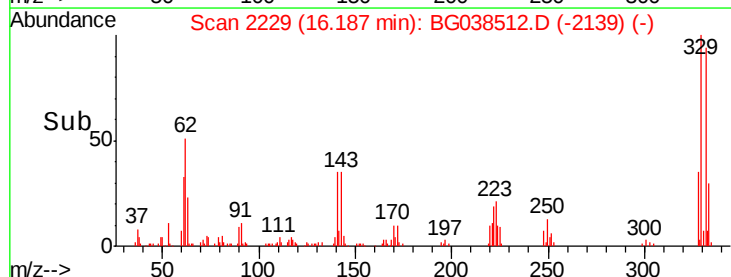
141 37.8 28.8 43.2

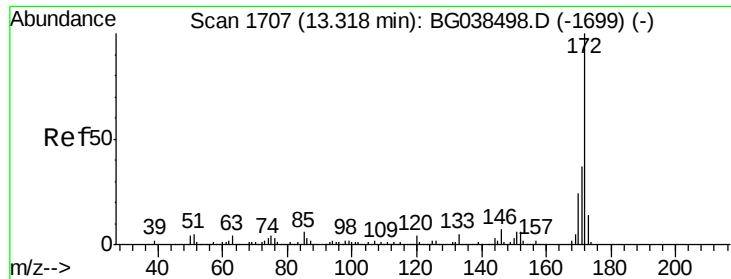


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

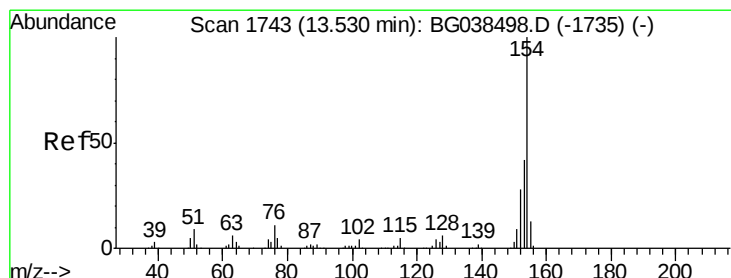
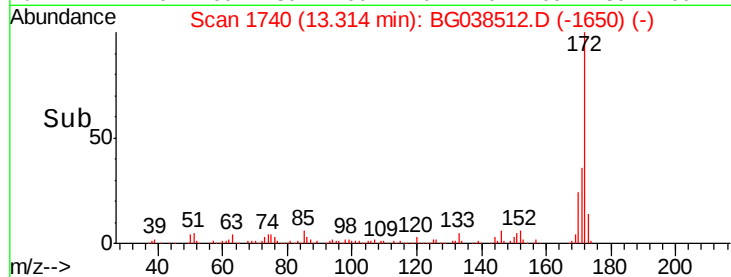
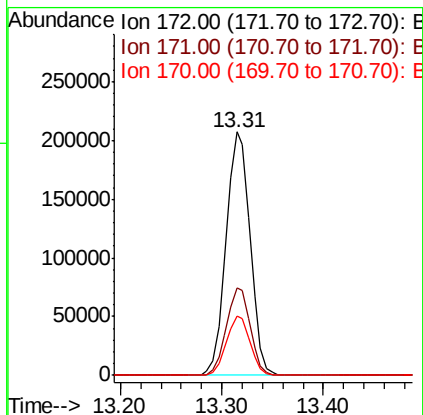
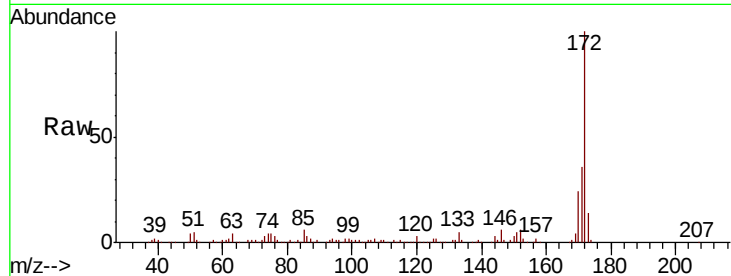




#45
 2-Fluorobiphenyl
 Concen: 74.621 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

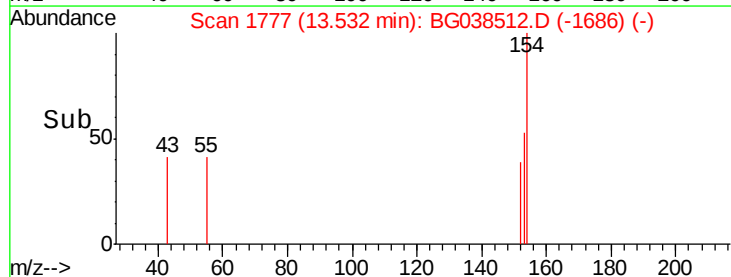
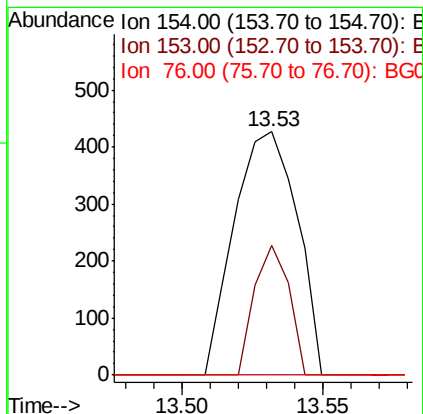
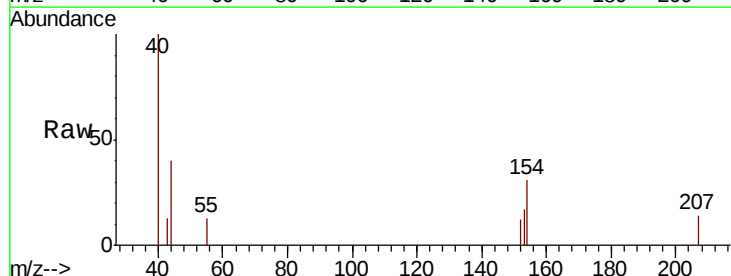
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

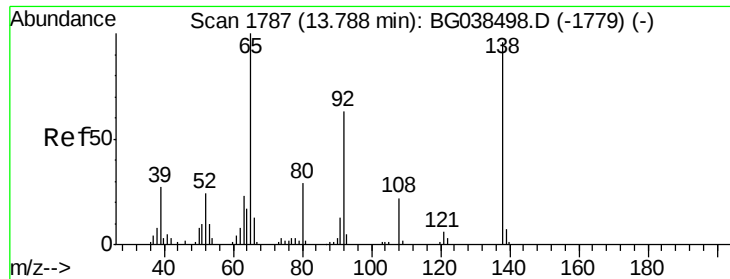
Tgt Ion:172 Resp: 339618
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.8 44.6
 170 24.2 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 0.126 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion:154 Resp: 659
 Ion Ratio Lower Upper
 154 100
 153 53.4 22.1 62.1
 76 0.0 0.0 31.2





#48

2-Nitroaniline

Concen: 0.566 ng

RT: 14.14 min Scan# 1880

Delta R.T. 0.35 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

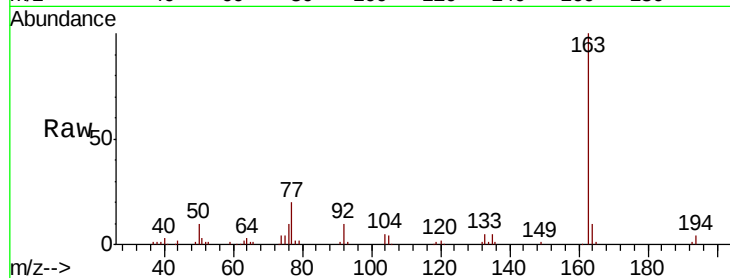
Tgt Ion: 65 Resp: 729

Ion Ratio Lower Upper

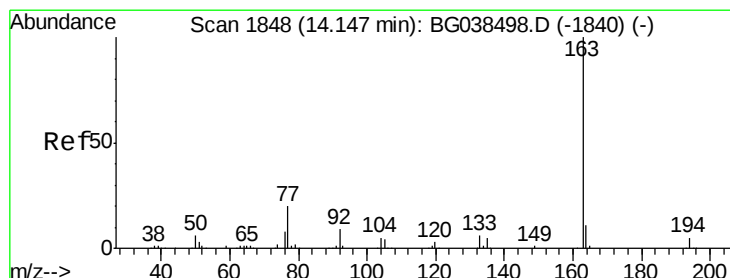
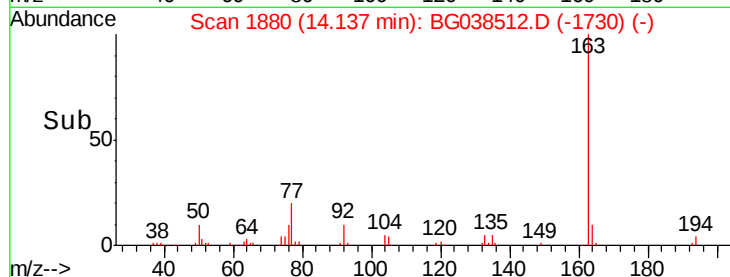
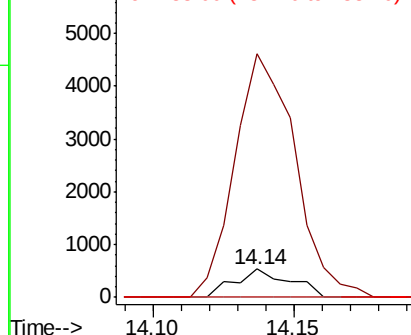
65 100

92 865.9 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): BGC



#50

Dimethylphthalate

Concen: 14.095 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

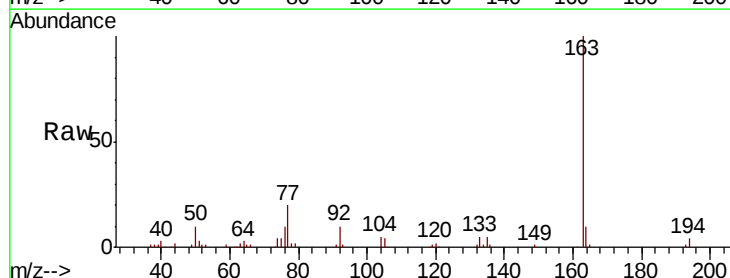
Tgt Ion:163 Resp: 71868

Ion Ratio Lower Upper

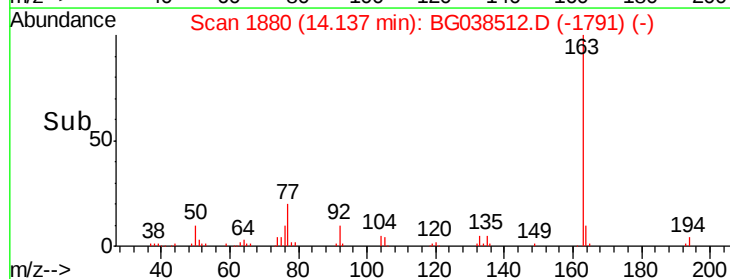
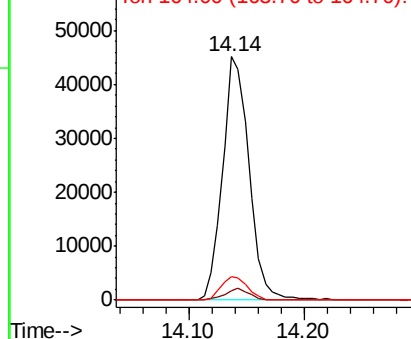
163 100

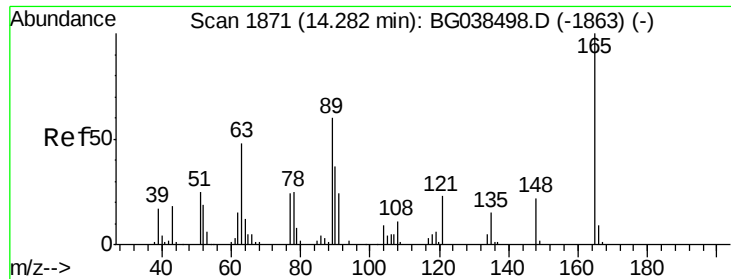
194 3.8 3.7 5.5

164 9.7 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

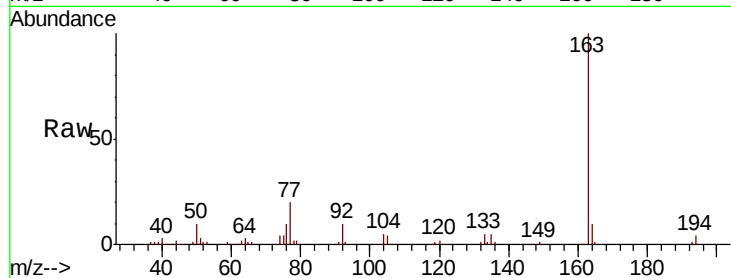




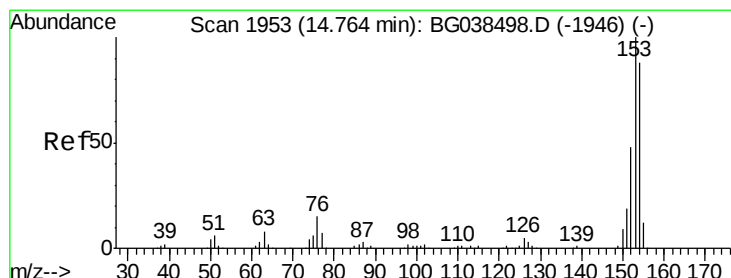
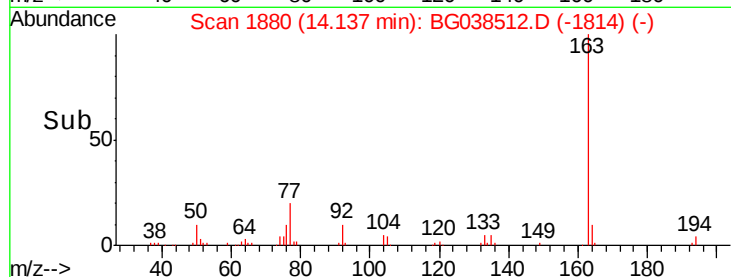
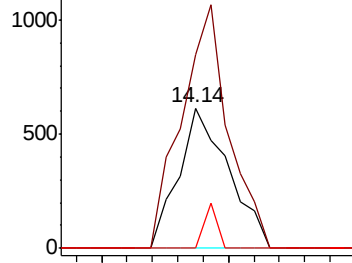
#51
 2,6-Dinitrotoluene
 Concen: 0.730 ng
 RT: 14.14 min Scan# 1880
 Delta R.T. -0.14 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Tgt Ion:165 Resp: 844
 Ion Ratio Lower Upper
 165 100
 63 137.9 51.8 77.6#
 89 0.0 47.9 71.9#

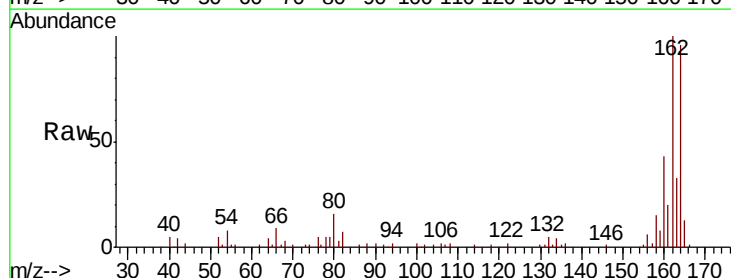


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

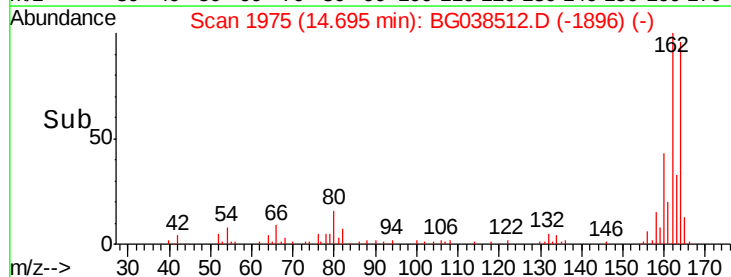
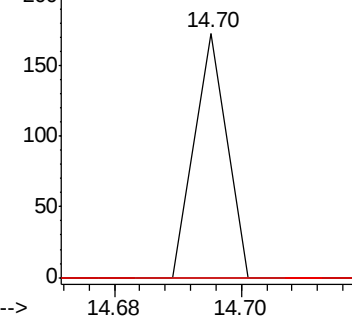


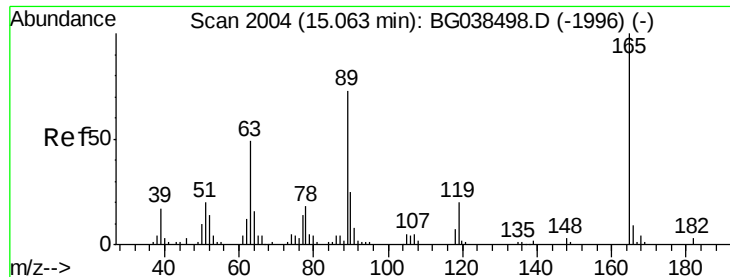
#52
 Acenaphthene
 Concen: 0.017 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.07 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion:154 Resp: 61
 Ion Ratio Lower Upper
 154 100
 153 0.0 90.6 136.0#
 152 0.0 43.5 65.3#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

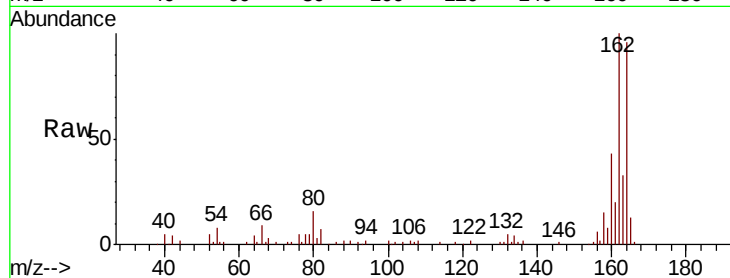




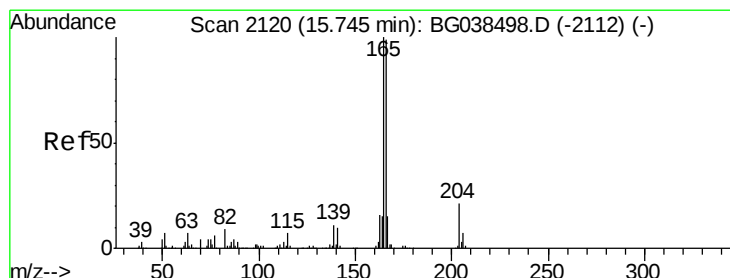
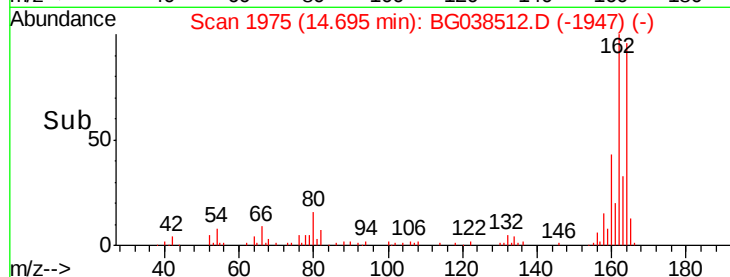
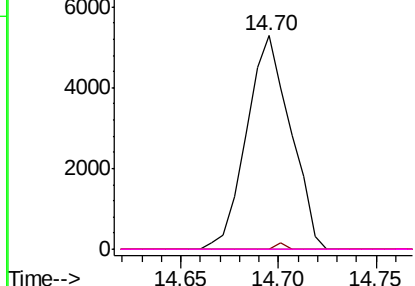
#57
2,4-Dinitrotoluene
Concen: 5.075 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:	165	Resp:	8259
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#

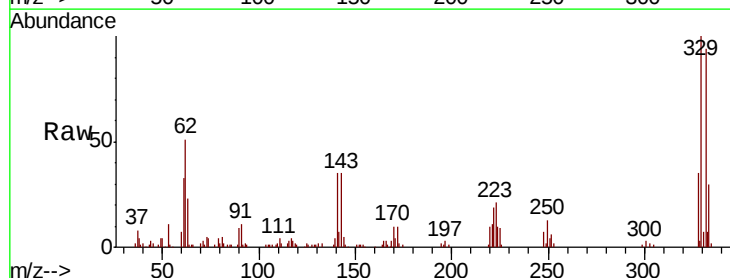


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

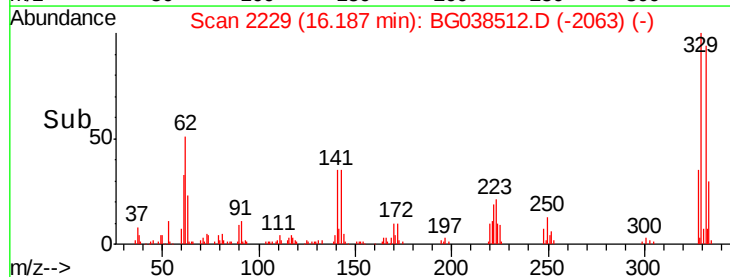
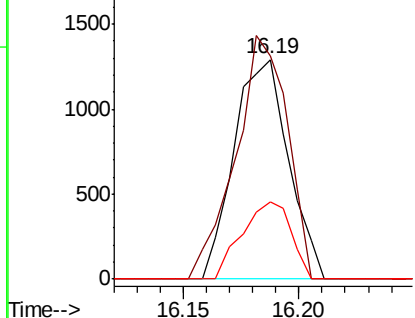


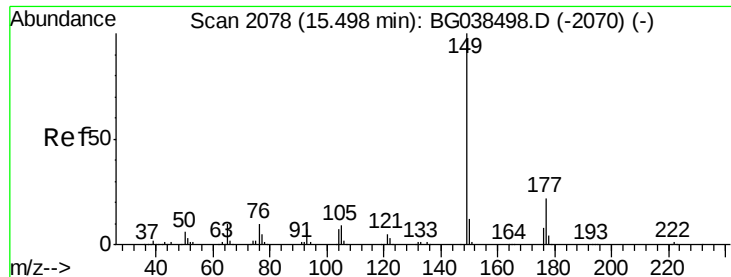
#58
Fluorene
Concen: 0.462 ng
RT: 16.19 min Scan# 2229
Delta R.T. 0.44 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion:	166	Resp:	2119
Ion	Ratio	Lower	Upper
166	100		
165	101.4	80.6	120.8
167	35.3	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

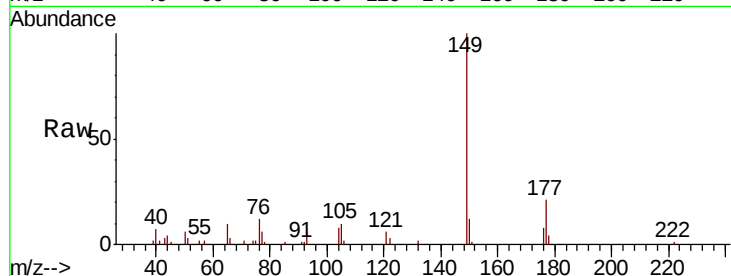




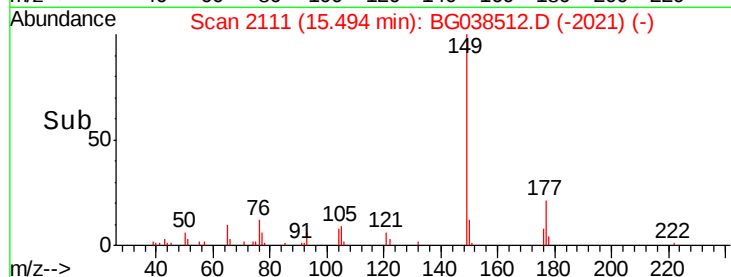
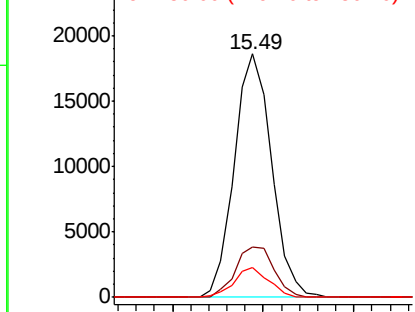
#60
Diethylphthalate
Concen: 4.747 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion: 149 Resp: 26573
Ion Ratio Lower Upper
149 100
177 20.8 17.7 26.5
150 12.5 9.9 14.9

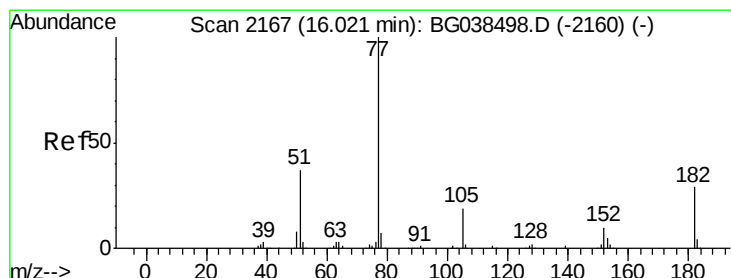


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

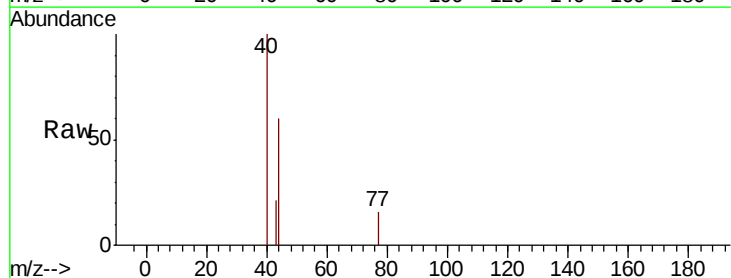
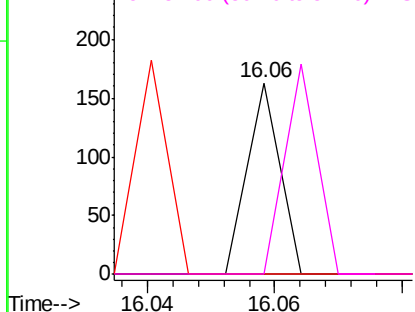


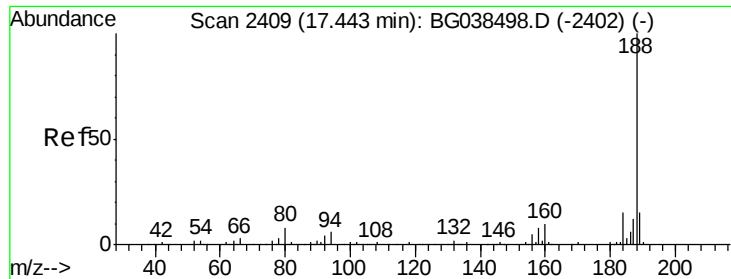
#63
Azobenzene
Concen: 0.012 ng
RT: 16.06 min Scan# 2207
Delta R.T. 0.04 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion: 77 Resp: 57
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 0.0 0.0 38.7
51 0.0 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

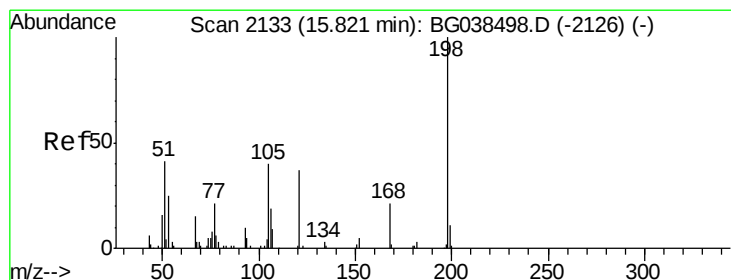
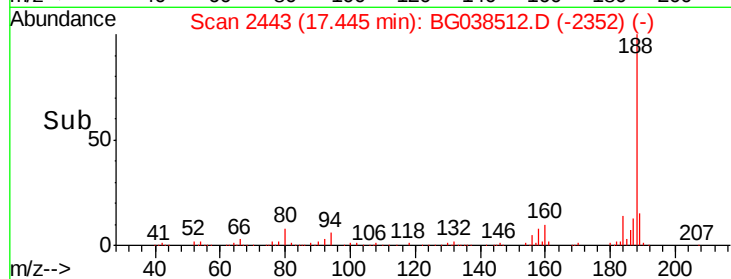
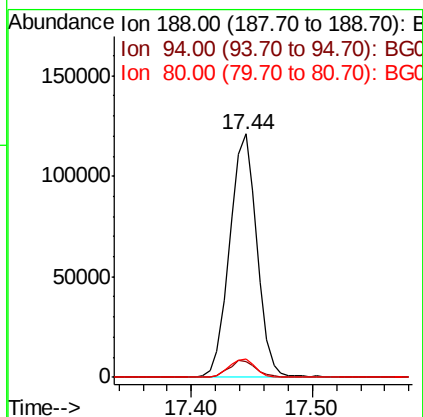
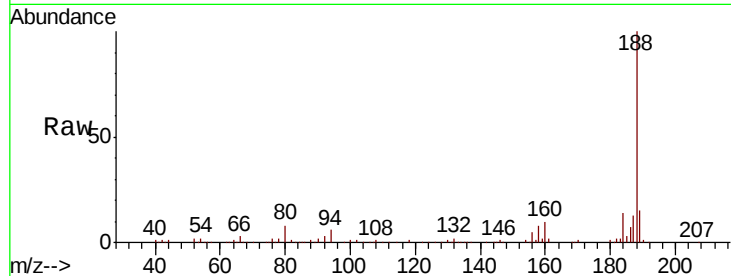




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

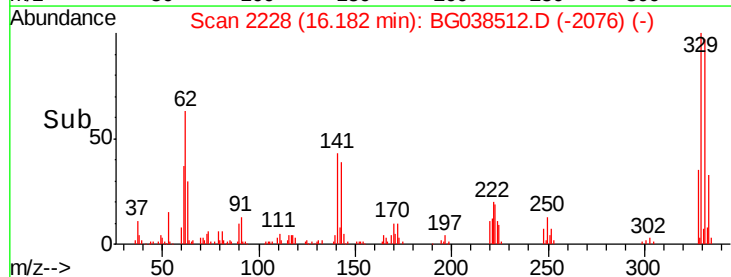
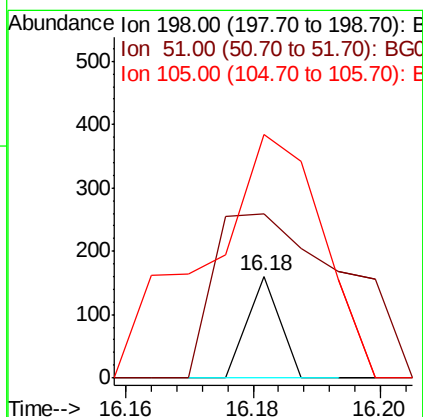
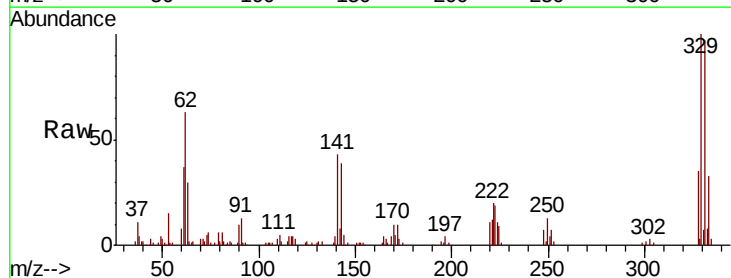
Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

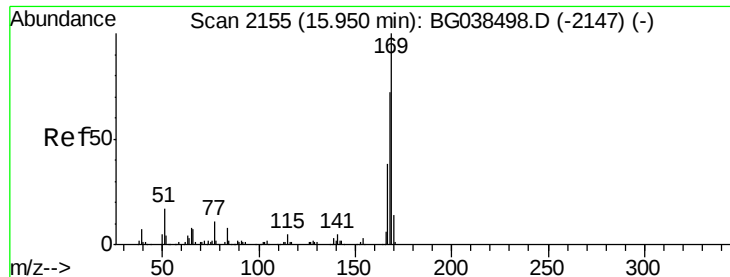
Tgt Ion:188 Resp: 190030
 Ion Ratio Lower Upper
 188 100
 94 6.3 5.1 7.7
 80 7.7 6.1 9.1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.041 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.36 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion:198 Resp: 56
 Ion Ratio Lower Upper
 198 100
 51 36.0 28.6 68.6
 105 53.4 20.4 60.4

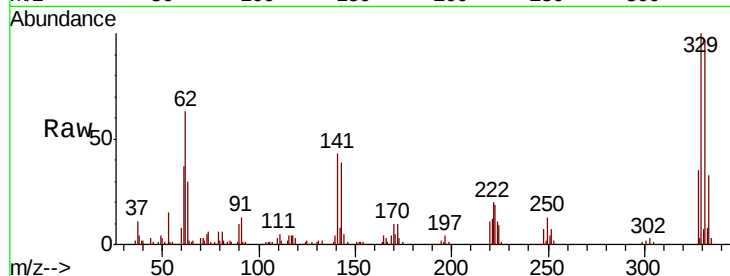




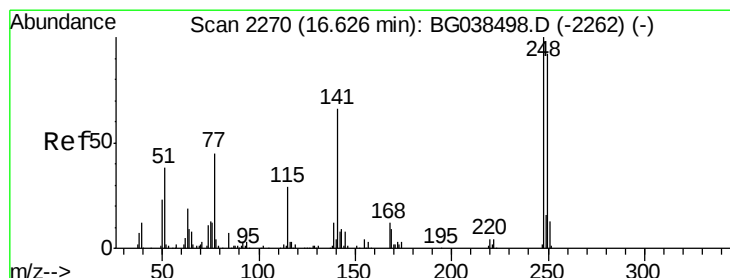
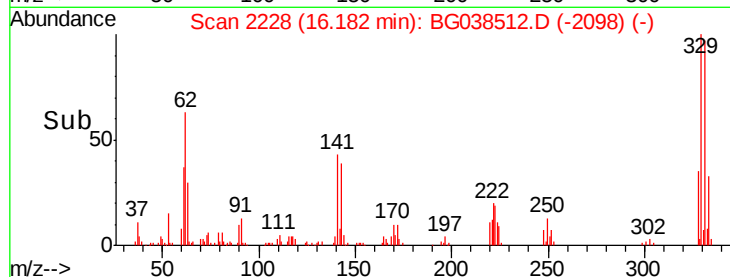
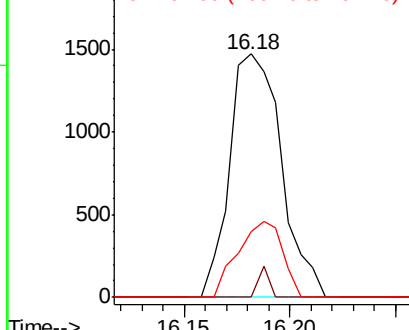
#66
 n-Nitrosodiphenylamine
 Concen: 0.446 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. 0.23 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-6-DISSOLVED

Tgt Ion:169 Resp: 2493
 Ion Ratio Lower Upper
 169 100
 168 0.0 57.5 86.3#
 167 26.8 30.2 45.2#

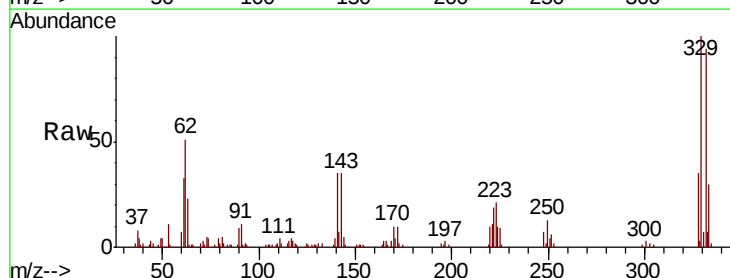


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

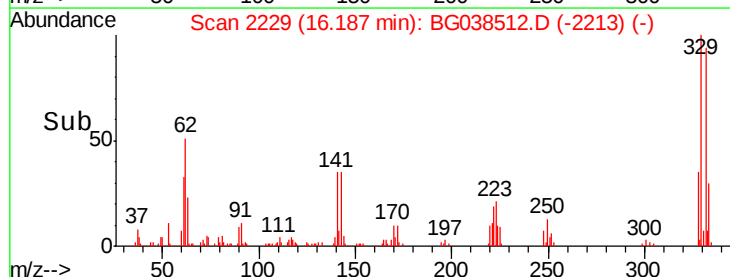
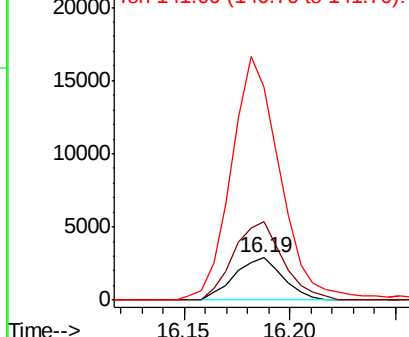


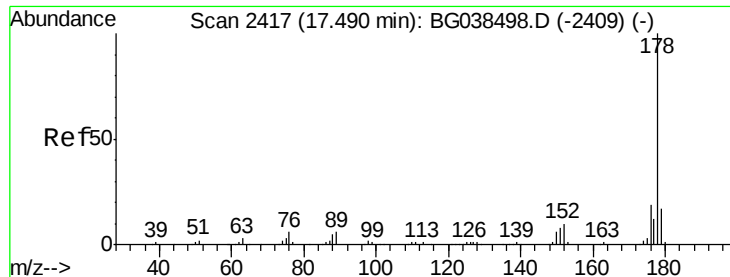
#67
 4-Bromophenyl-phenylether
 Concen: 1.988 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038512.D
 Acq: 13 Dec 2018 00:02

Tgt Ion:248 Resp: 4614
 Ion Ratio Lower Upper
 248 100
 250 188.5 73.4 110.2#
 141 396.1 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: 0.103 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

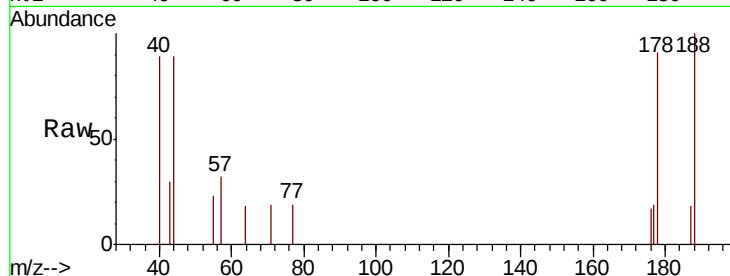
Tgt Ion:178 Resp: 1018

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

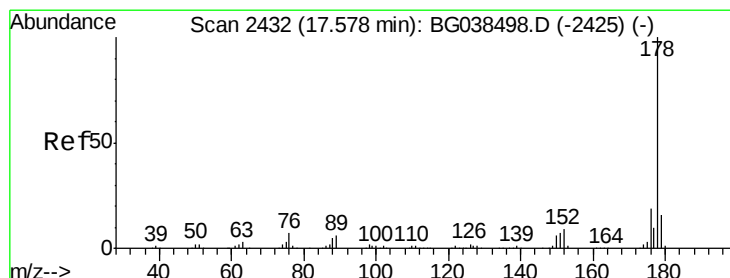
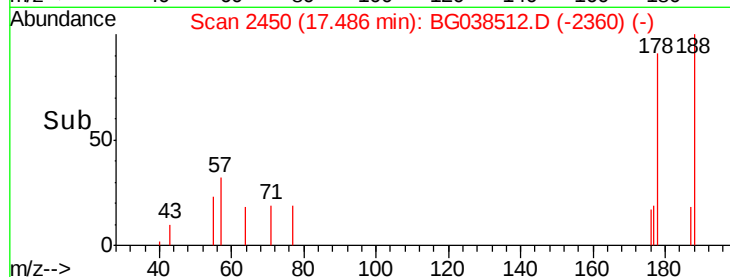
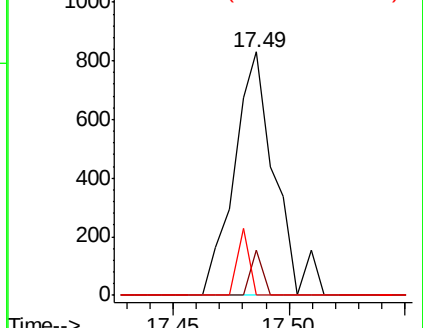
179 0.0 13.2 19.8#



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: 0.105 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.09 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

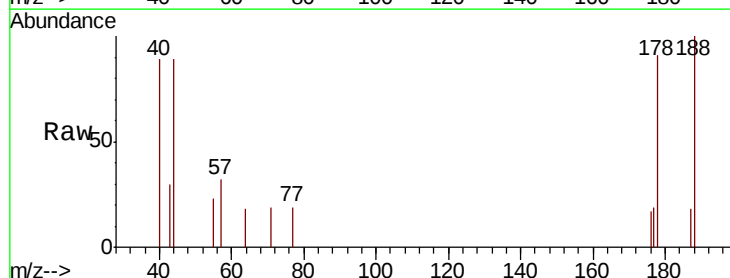
Tgt Ion:178 Resp: 1018

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

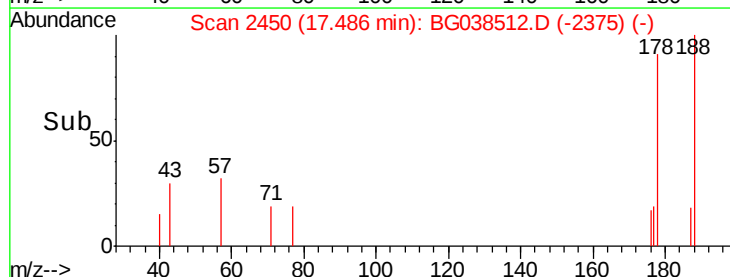
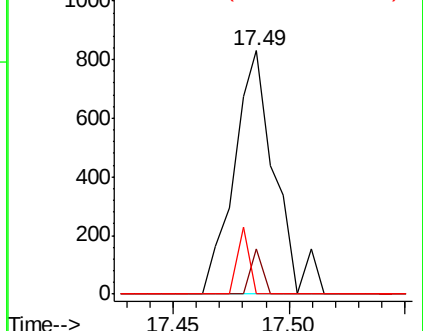
179 0.0 12.9 19.3#

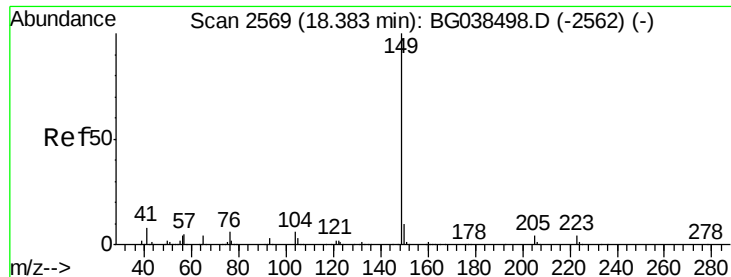


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

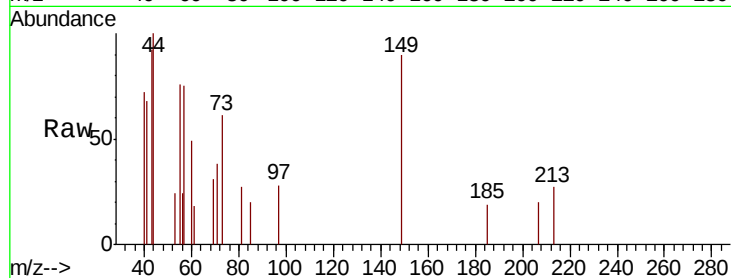




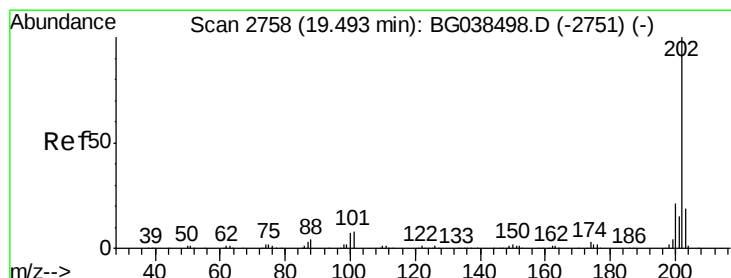
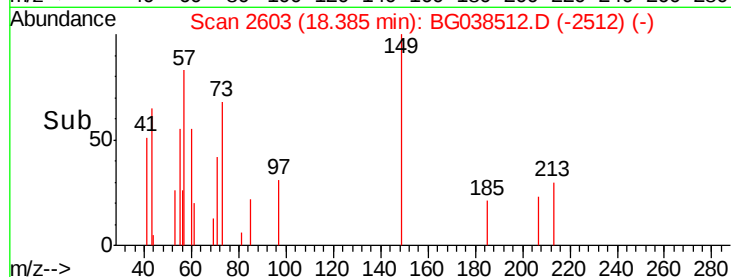
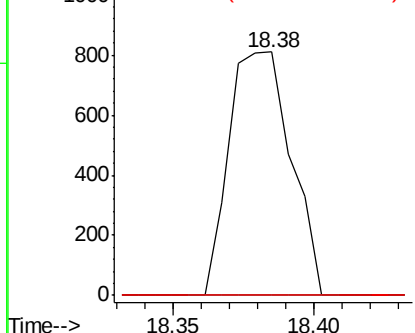
#74
Di-n-butylphthalate
Concen: 0.112 ng
RT: 18.38 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:149 Resp: 1232
Ion Ratio Lower Upper
149 100
150 0.0 7.6 11.4#
104 0.0 5.0 7.4#

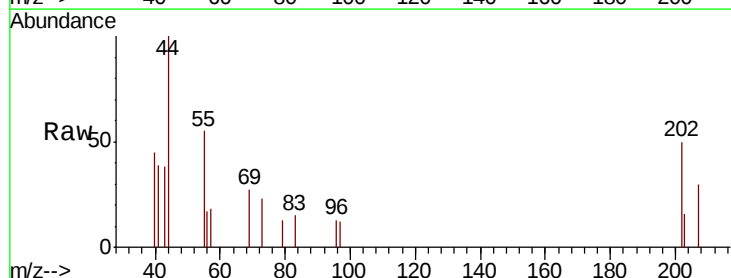


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

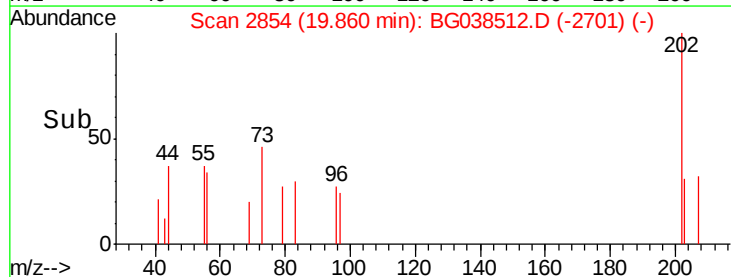
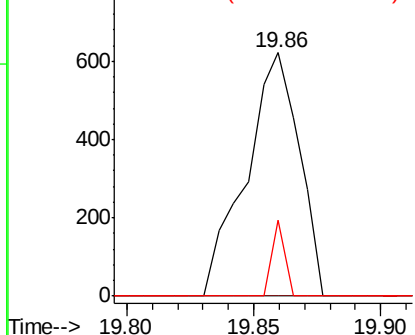


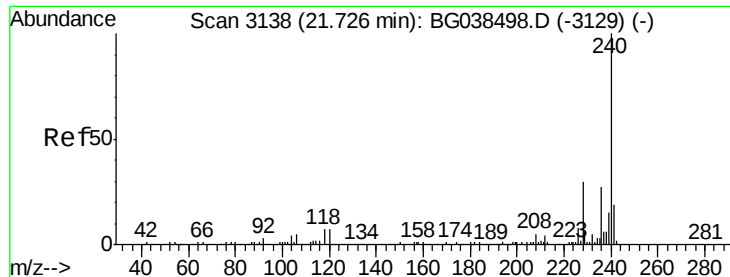
#75
Fluoranthene
Concen: 0.075 ng
RT: 19.86 min Scan# 2854
Delta R.T. 0.37 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion:202 Resp: 911
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.1
203 31.2 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

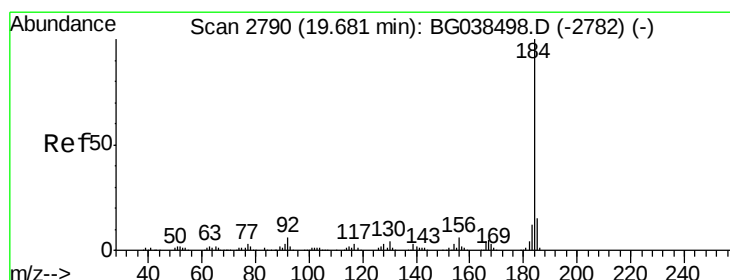
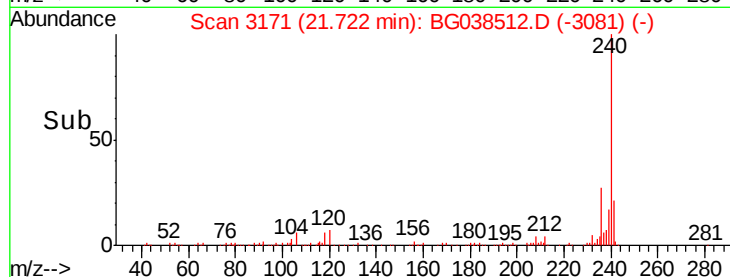
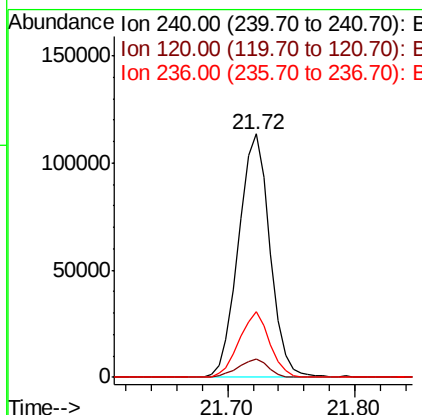
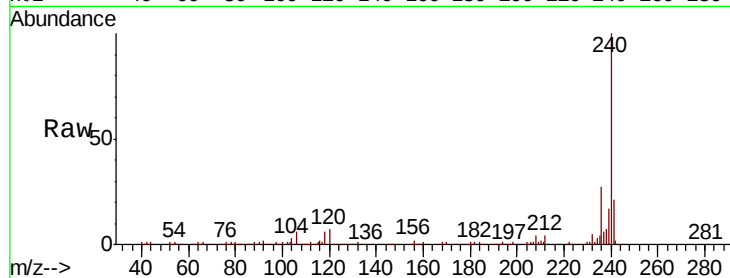




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

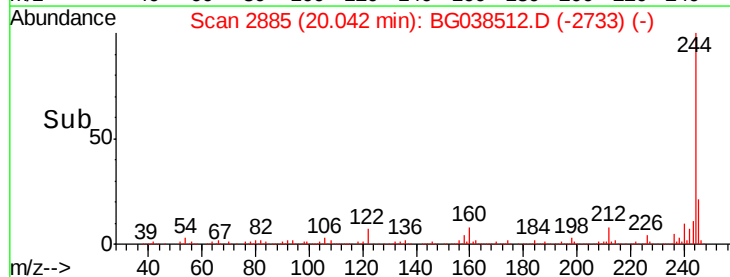
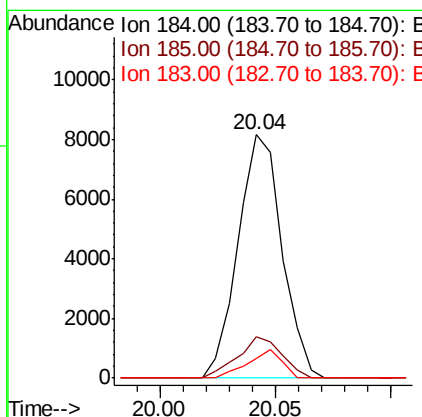
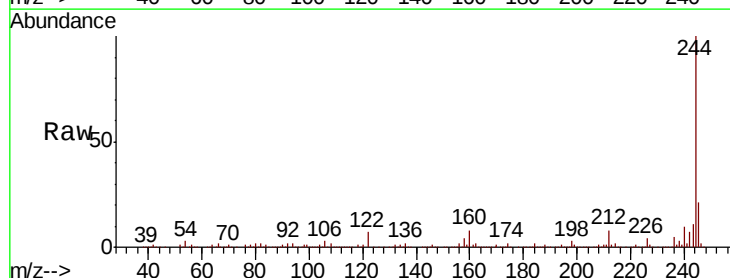
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

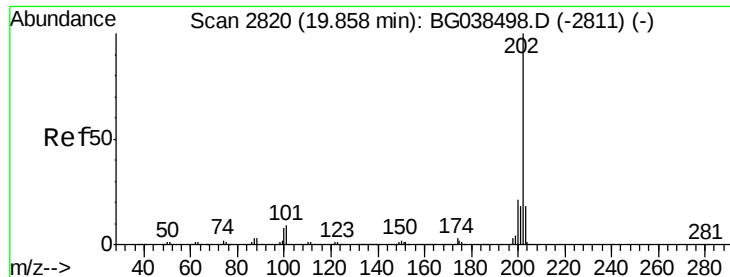
Tgt Ion:240 Resp: 195557
Ion Ratio Lower Upper
240 100
120 7.4 5.3 7.9
236 27.1 21.4 32.2



#77
Benzidine
Concen: 1.869 ng
RT: 20.04 min Scan# 2885
Delta R.T. 0.36 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion:184 Resp: 10807
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 8.3 9.6 14.4#





#78

Pyrene

Concen: 0.071 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

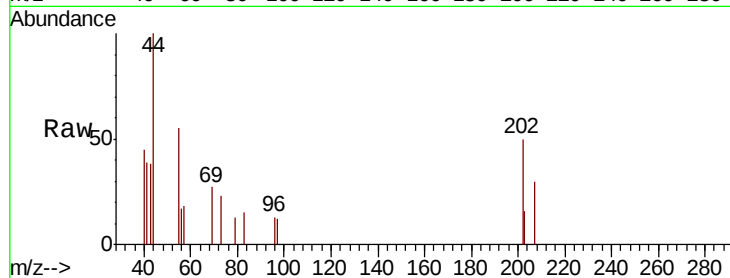
Tgt Ion:202 Resp: 911

Ion Ratio Lower Upper

202 100

200 0.0 16.6 25.0#

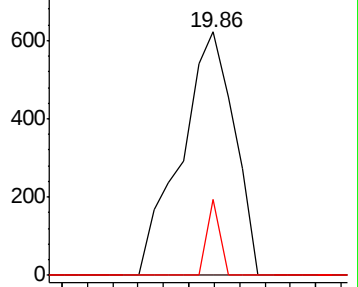
203 31.2 14.6 21.8#



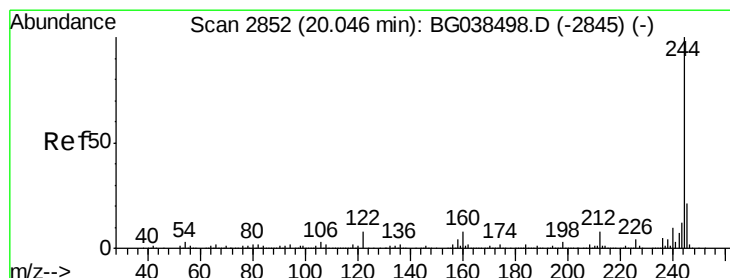
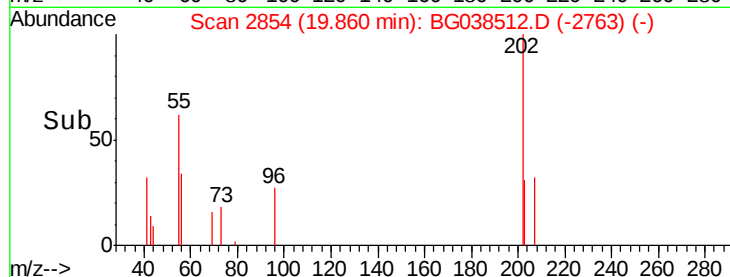
Abundance Ion 202.00 (201.70 to 202.70): E

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: 69.070 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

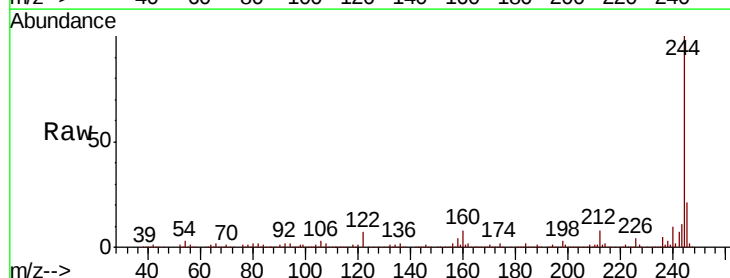
Tgt Ion:244 Resp: 620635

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

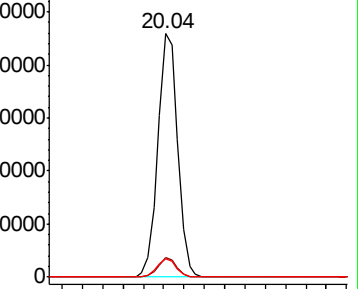
122 7.5 6.3 9.5



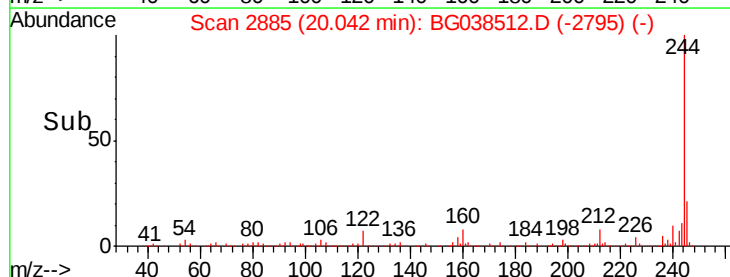
Abundance Ion 244.00 (243.70 to 244.70): E

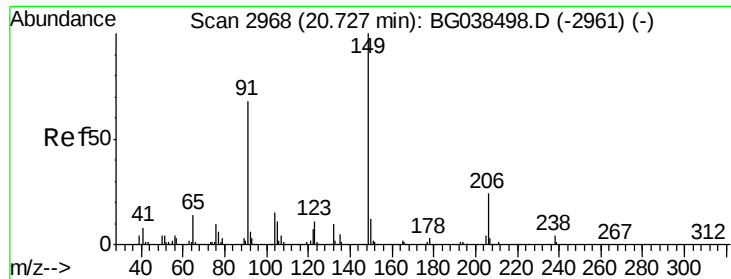
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.00 20.10

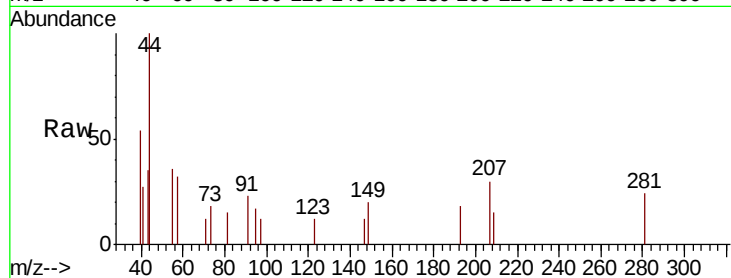




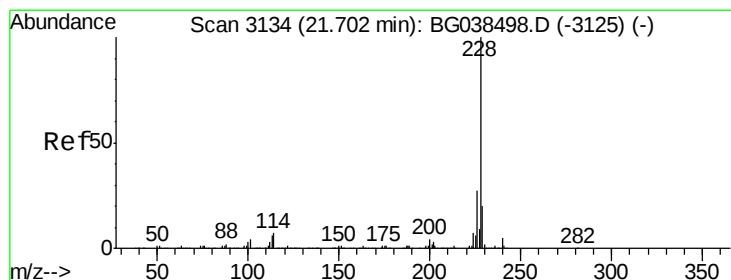
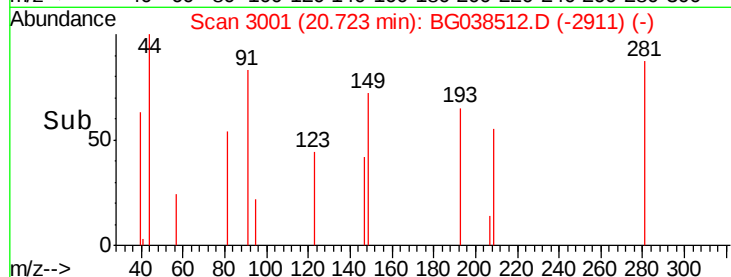
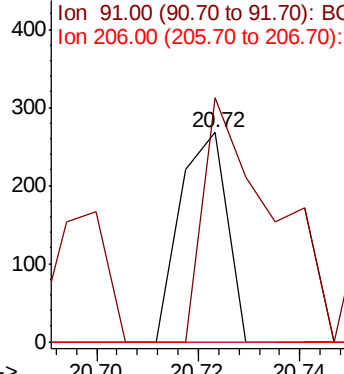
#80
Butylbenzylphthalate
Concen: 0.034 ng
RT: 20.72 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-6-DISSOLVED

Tgt Ion:149 Resp: 172
Ion Ratio Lower Upper
149 100
91 116.4 54.5 81.7#
206 0.0 19.0 28.6#

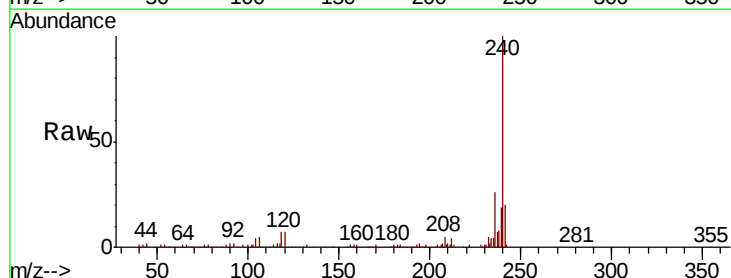


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

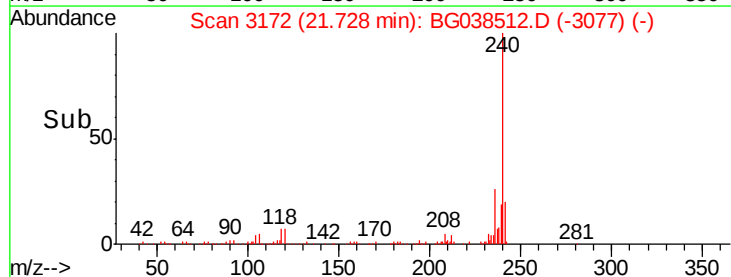
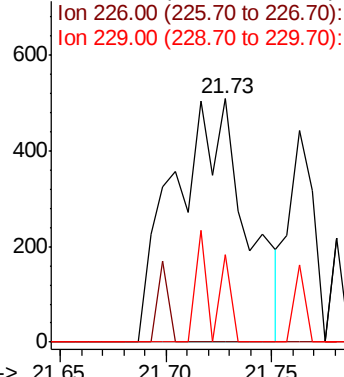


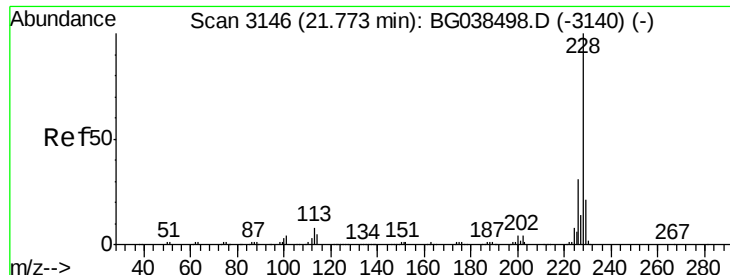
#81
Benzo(a)anthracene
Concen: 0.101 ng
RT: 21.73 min Scan# 3172
Delta R.T. 0.03 min
Lab File: BG038512.D
Acq: 13 Dec 2018 00:02

Tgt Ion:228 Resp: 1209
Ion Ratio Lower Upper
228 100
226 0.0 21.8 32.8#
229 36.0 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: 0.037 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

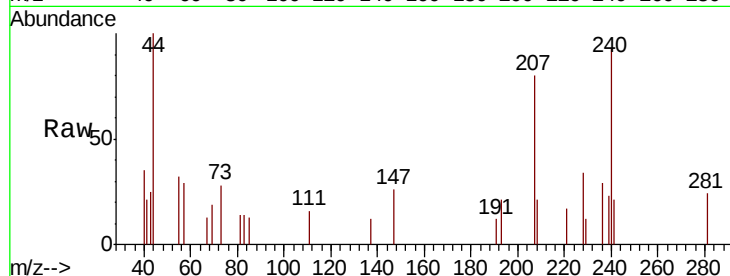
Tgt Ion: 228 Resp: 423

Ion Ratio Lower Upper

228 100

226 0.0 25.0 37.4#

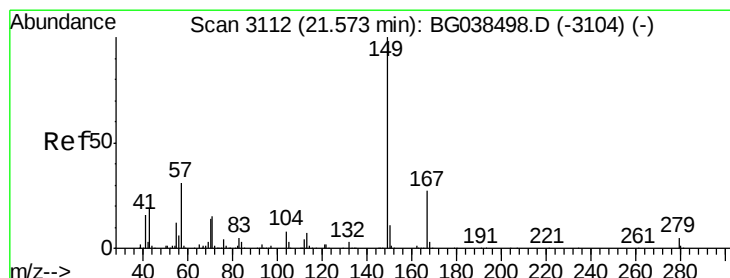
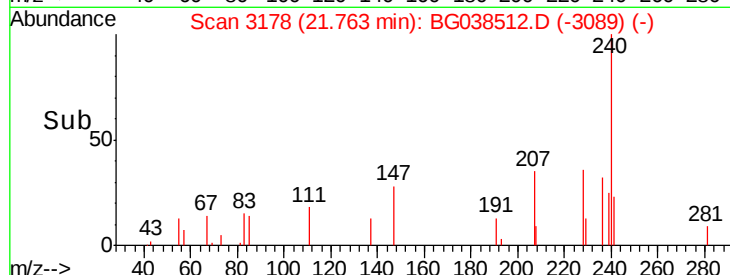
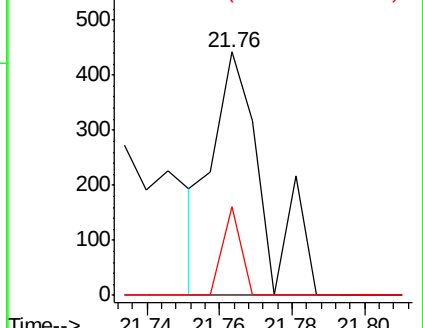
229 36.7 16.5 24.7#



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: 0.161 ng

RT: 21.58 min Scan# 3146

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

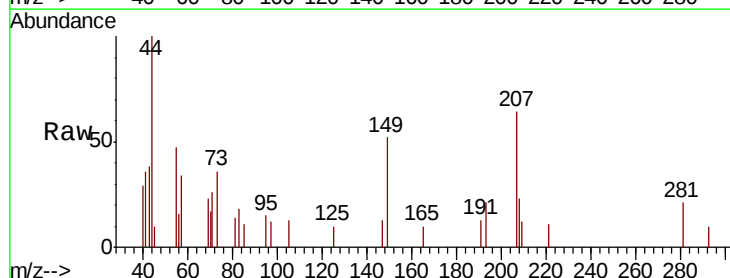
Tgt Ion: 149 Resp: 1150

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

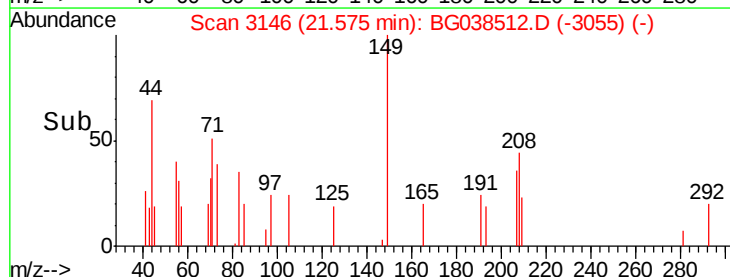
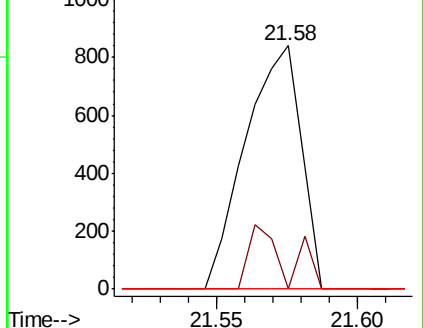
279 0.0 4.2 6.2#

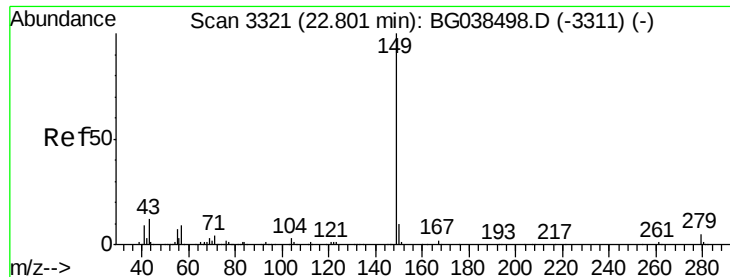


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 0.005 ng

RT: 22.81 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

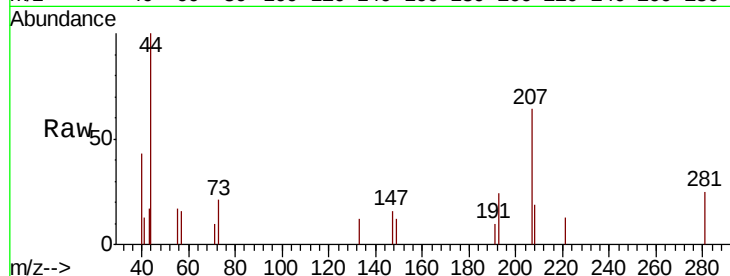
Tgt Ion:149 Resp: 62

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

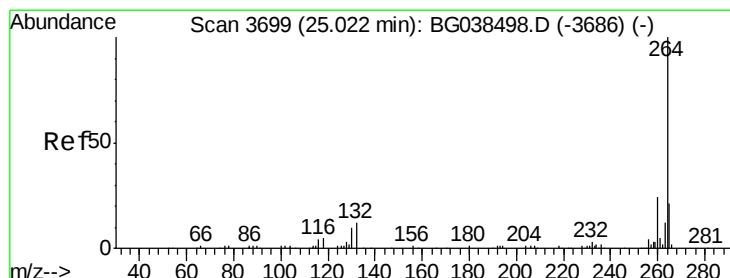
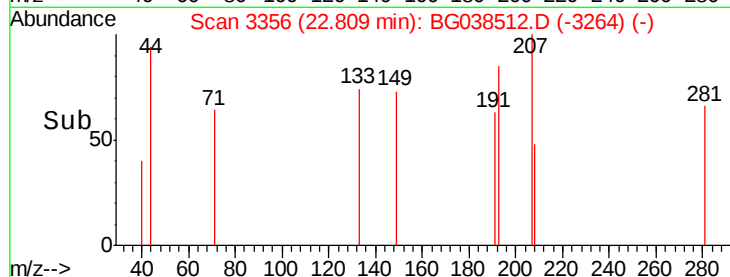
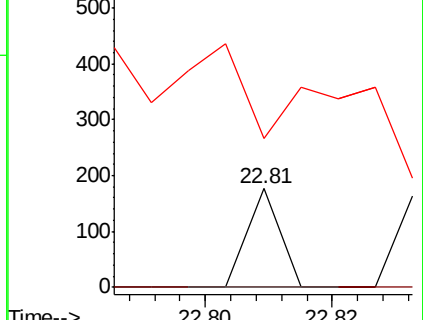
43 556.5 9.3 13.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

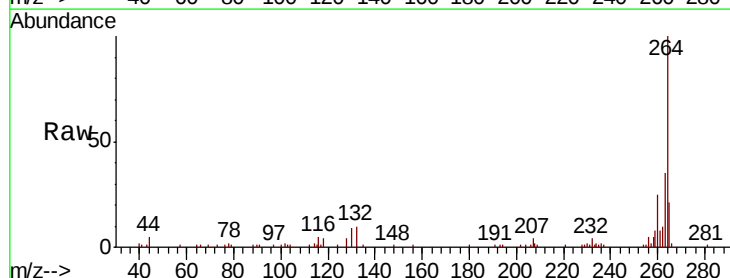
Tgt Ion:264 Resp: 93941

Ion Ratio Lower Upper

264 100

260 25.3 18.9 28.3

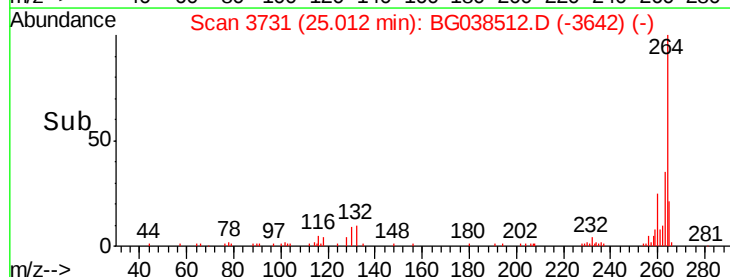
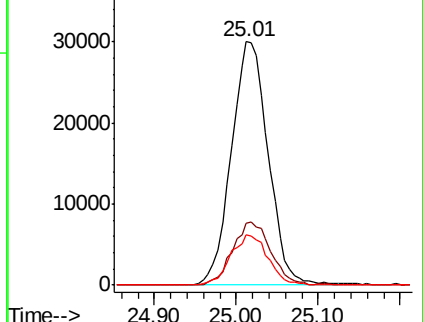
265 20.9 17.0 25.4

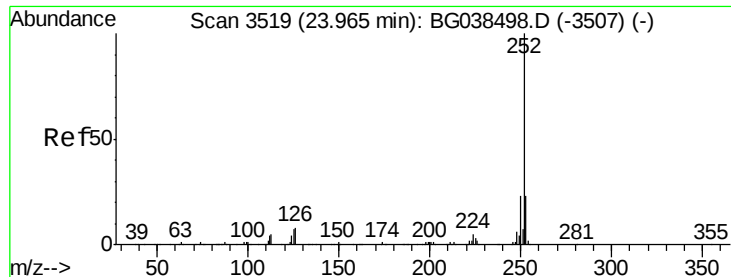


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.064 ng

RT: 23.97 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

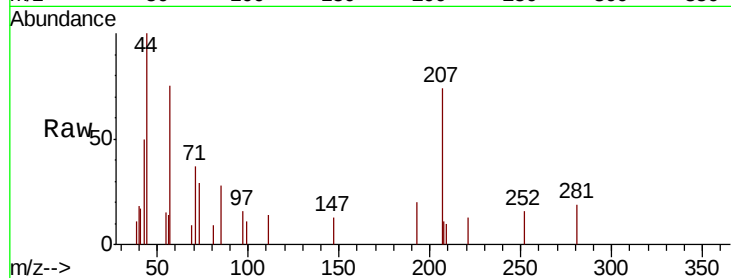
Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

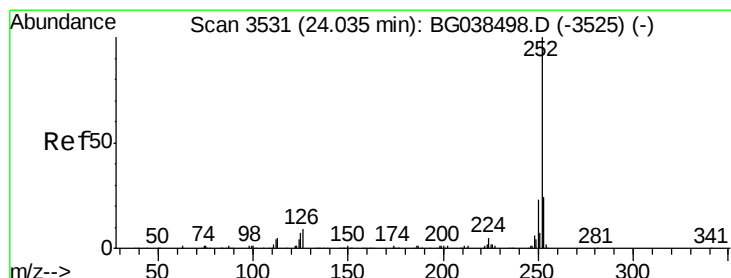
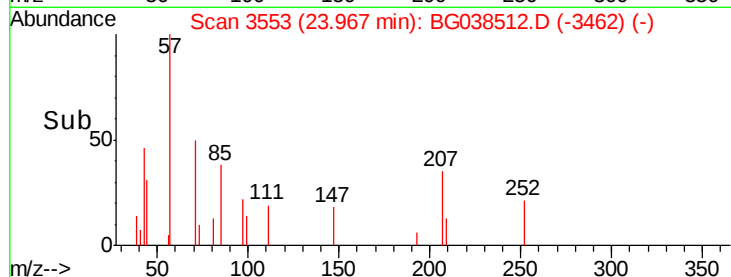
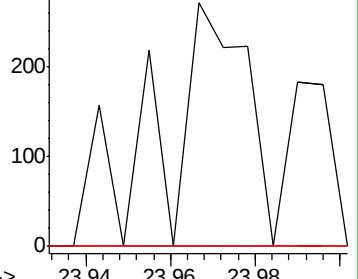
Tgt Ion:	252	Resp:	329
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.1	27.1#
125	0.0	5.5	8.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 0.025 ng

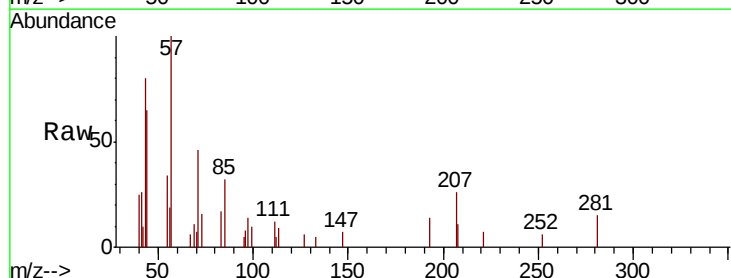
RT: 23.99 min Scan# 3557

Delta R.T. -0.04 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

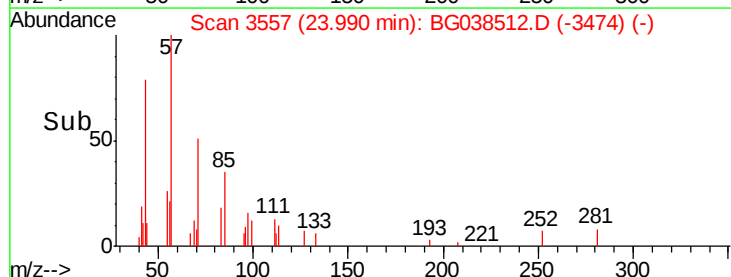
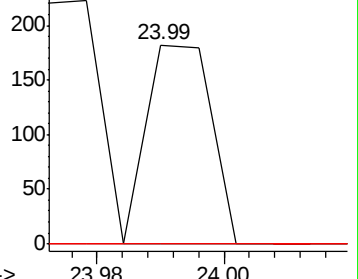
Tgt Ion:	252	Resp:	128
Ion Ratio	Lower	Upper	
252	100		
253	0.0	18.9	28.3#
125	0.0	5.4	8.2#

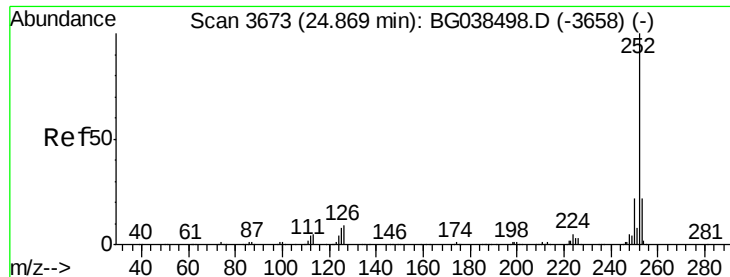


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.013 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

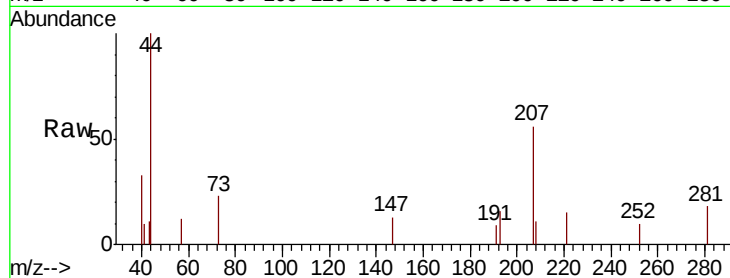
Instrument :

BNA_G

ClientSampleId :

COMPOSITE-6-DISSOLVED

Tgt Ion:	252	Resp:	65
Ion Ratio	Lower	Upper	
252	100		
253	0.0	17.4	26.0#
125	0.0	6.4	9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

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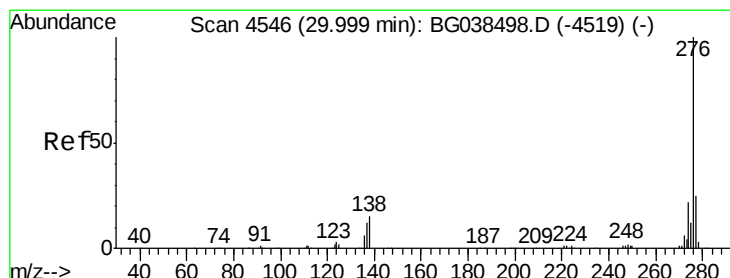
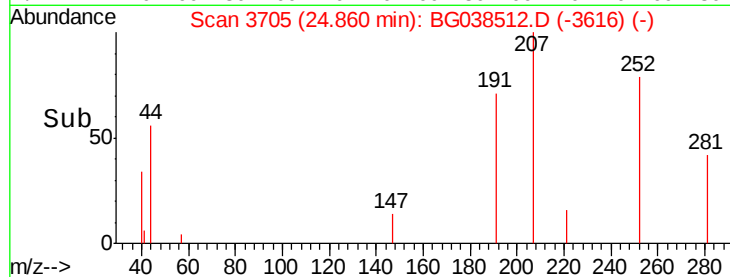
24.86

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#92

Benzo(g,h,i)perylene

Concen: 0.014 ng

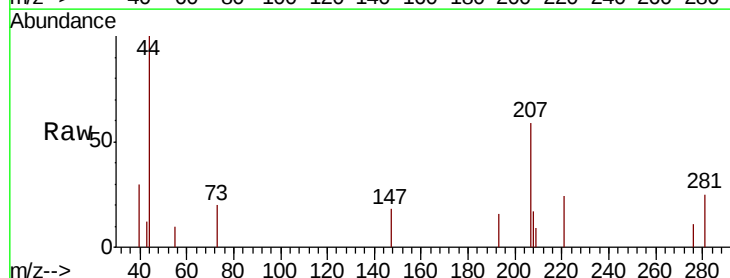
RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038512.D

Acq: 13 Dec 2018 00:02

Tgt Ion:	276	Resp:	67
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

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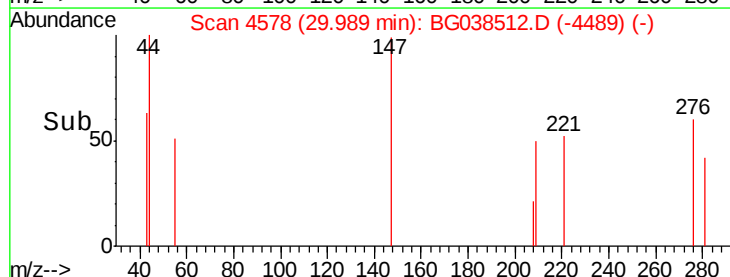
29.99

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Time-->