

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121218\
 Data File : BG038511.D
 Acq On : 12 Dec 2018 23:22
 Operator : JU/SJ
 Sample : J6327-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

Quant Time: Dec 13 06:11:36 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	20664	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	87035	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	58699	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	163600	20.00	ng	0.00
76) Chrysene-d12	21.72	240	193048	20.00	ng	0.00
87) Perylene-d12	25.01	264	203245	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	158500	136.05	ng	0.00
7) Phenol-d6	7.21	99	219291	137.11	ng	0.00
23) Nitrobenzene-d5	9.23	82	142605	83.71	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	111565	137.91	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	351131	82.06	ng	0.00
79) Terphenyl-d14	20.04	244	779430	87.87	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	58	0.107	ng	# 13
4) n-Nitrosodimethylamine	3.83	42	165	0.226	ng	# 1
6) Aniline	7.24	93	143	0.070	ng	# 1
9) Benzaldehyde	7.21	77	321	0.309	ng	# 3
10) Phenol	7.24	94	11769	6.926	ng	# 88
11) bis(2-Chloroethyl)ether	7.58	93	125	0.092	ng	# 1
15) Benzyl Alcohol	8.38	79	2076	1.663	ng	# 39
16) 2,2'-oxybis(1-Chloropropan	8.08	45	60	0.019	ng	# 1
19) n-Nitroso-di-n-propylamine	9.23	70	18700	16.647	ng	# 74
22) Acetophenone	8.39	105	56	0.026	ng	# 1
24) Nitrobenzene	9.24	77	448	0.260	ng	# 39
25) Isophorone	9.39	82	279	0.091	ng	# 64
31) Naphthalene	10.92	128	326	0.076	ng	# 68
46) 1,1'-Biphenyl	13.53	154	470	0.096	ng	# 87
48) 2-Nitroaniline	14.14	65	149	0.123	ng	# 1
49) Acenaphthylene	14.71	152	54	0.010	ng	# 60
50) Dimethylphthalate	14.15	163	27387	5.713	ng	# 96
51) 2,6-Dinitrotoluene	14.14	165	270	0.249	ng	# 1
52) Acenaphthene	14.76	154	111	0.033	ng	# 4
55) Dibenzofuran	15.10	168	81	0.014	ng	# 43
57) 2,4-Dinitrotoluene	14.69	165	7503	4.904	ng	# 21
58) Fluorene	15.74	166	123	0.029	ng	# 94
63) Azobenzene	16.18	77	439	0.100	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.18	198	237	0.203	ng	# 73
66) n-Nitrosodiphenylamine	16.18	169	4024	0.837	ng	# 49
67) 4-Bromophenyl-phenylether	16.19	248	7129	3.568	ng	# 1
71) Phenanthrene	17.48	178	1735	0.205	ng	# 93
72) Anthracene	17.58	178	219	0.026	ng	# 60
73) Carbazole	17.87	167	182	0.022	ng	# 59
74) Di-n-butylphthalate	18.38	149	145	0.015	ng	# 77
75) Fluoranthene	19.49	202	2251	0.214	ng	# 84
77) Benzydine	20.04	184	13479	2.361	ng	# 94
78) Pyrene	19.86	202	2361	0.185	ng	# 96
81) Benzo(a)anthracene	21.71	228	1623	0.138	ng	# 80

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QLast Update : Wed Dec 12 15:26:27 2018
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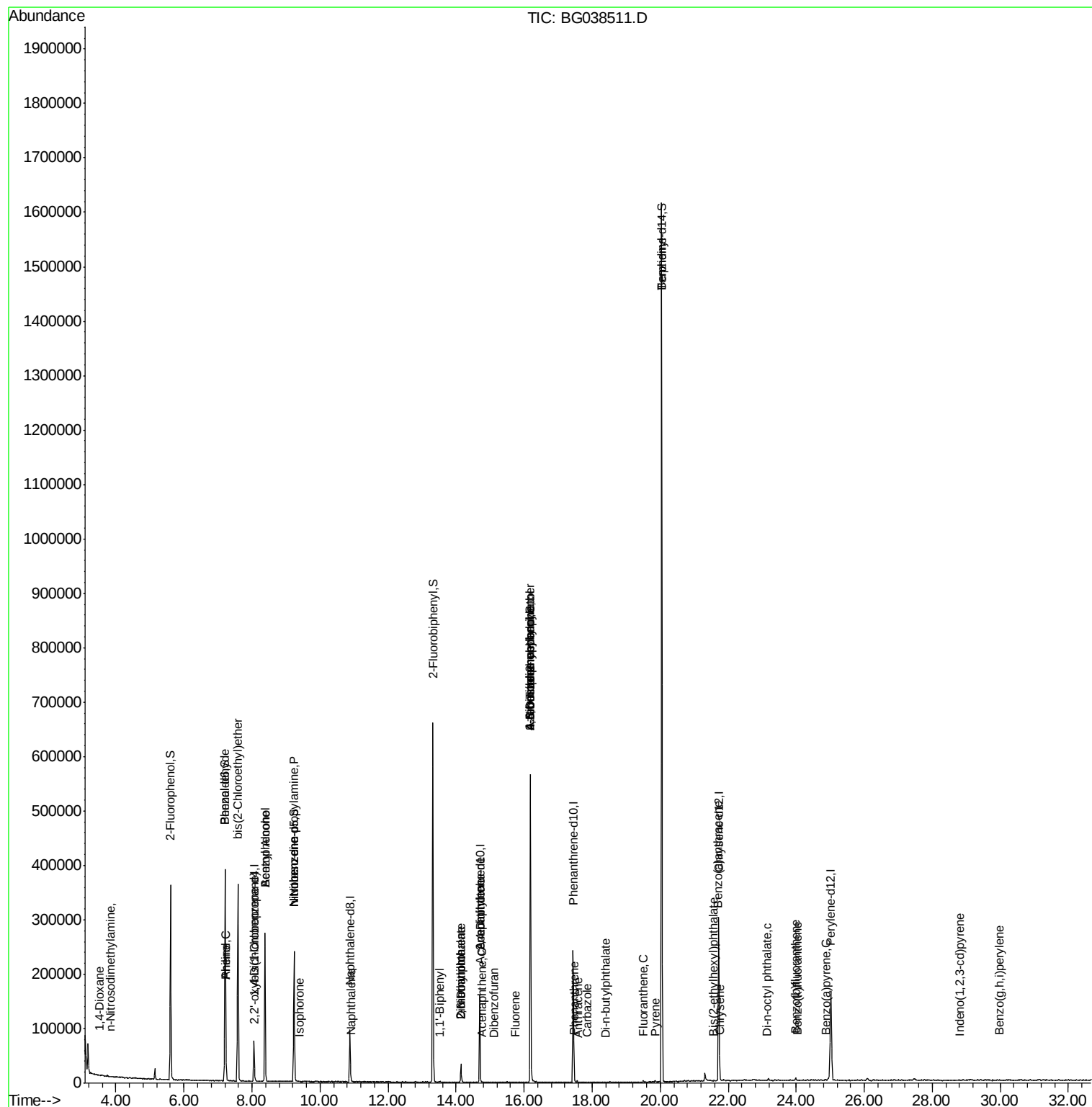
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Chrysene	21.77	228	830	0.073	ng	# 75
84) Bis(2-ethylhexyl)phthalate	21.57	149	372	0.053	ng	# 53
85) Di-n-octyl phthalate	23.13	149	55	0.005	ng	# 73
86) Indeno(1,2,3-cd)pyrene	28.79	276	82	0.006	ng	# 59
88) Benzo(b)fluoranthene	23.99	252	1135	0.102	ng	# 59
89) Benzo(k)fluoranthene	24.03	252	265	0.024	ng	# 58
90) Benzo(a)pyrene	24.86	252	1016	0.094	ng	# 60
92) Benzo(g,h,i)perylene	29.97	276	410	0.039	ng	# 56

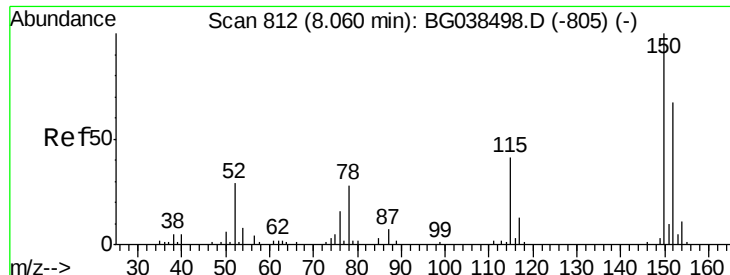
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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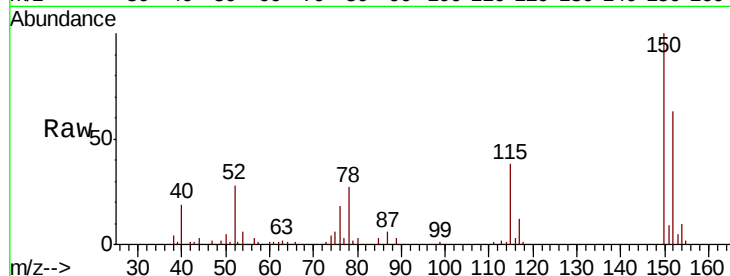


#1

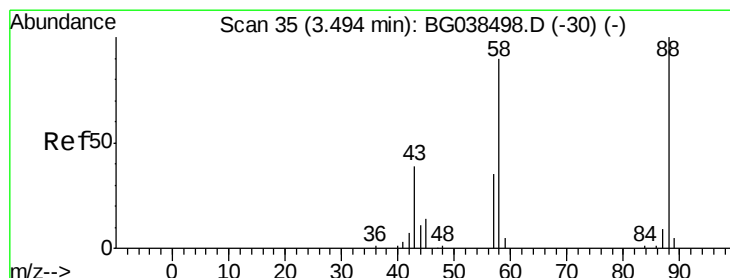
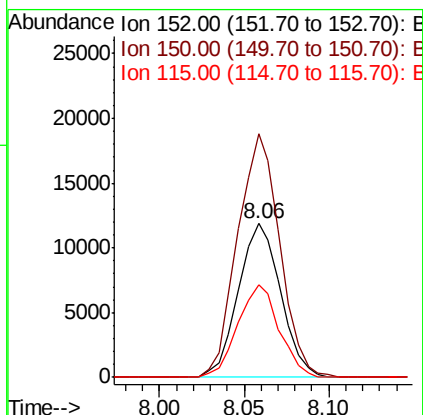
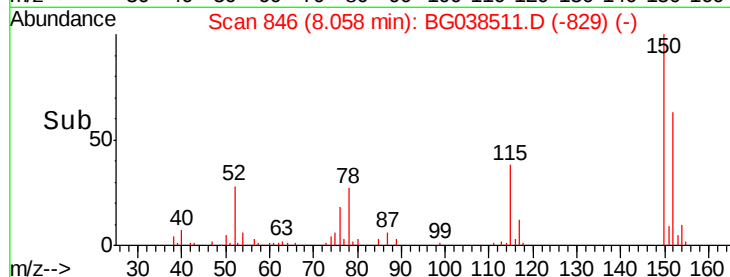
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

Tgt Ion:152 Resp: 20664
Ion Ratio Lower Upper
152 100
150 158.2 119.5 179.3
115 60.1 49.6 74.4



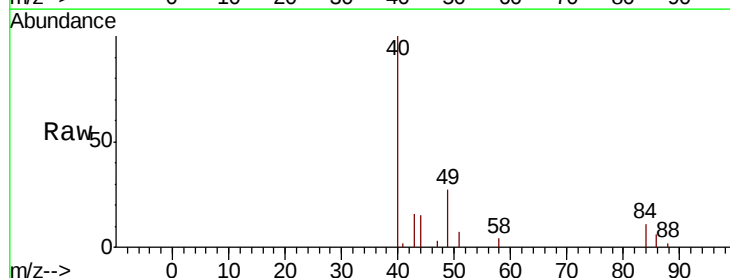
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



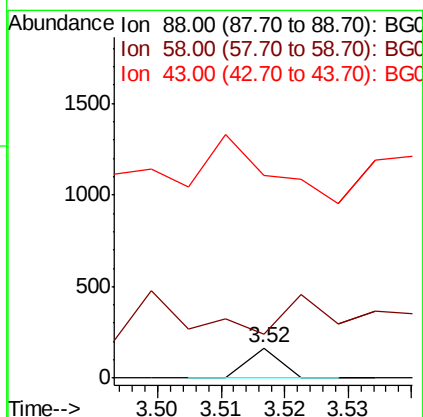
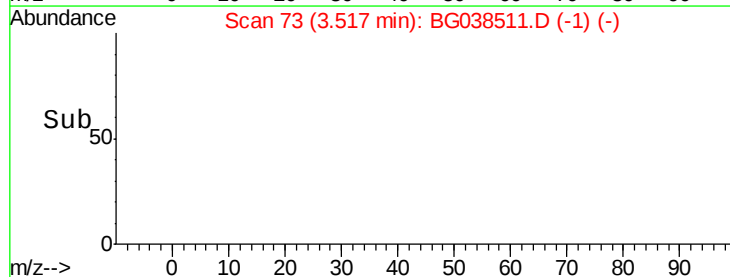
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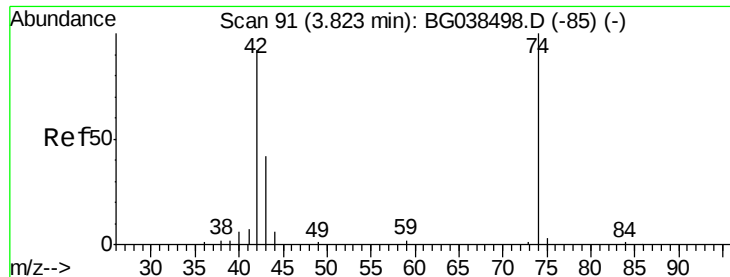
1,4-Dioxane
Concen: 0.107 ng
RT: 3.52 min Scan# 73
Delta R.T. 0.02 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
58 187.9 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: 0.226 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

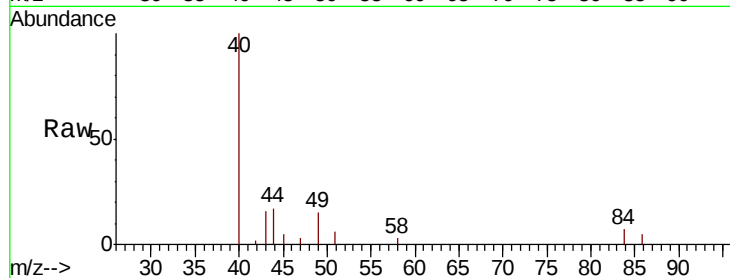
Tgt Ion: 42 Resp: 165

Ion Ratio Lower Upper

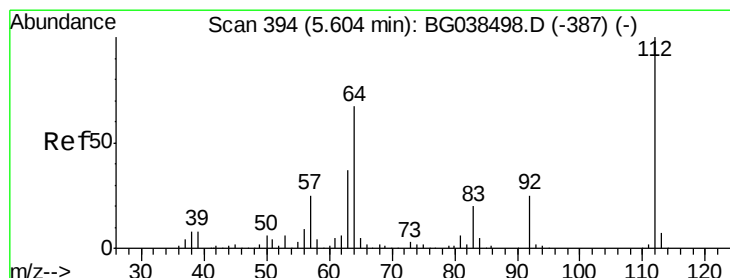
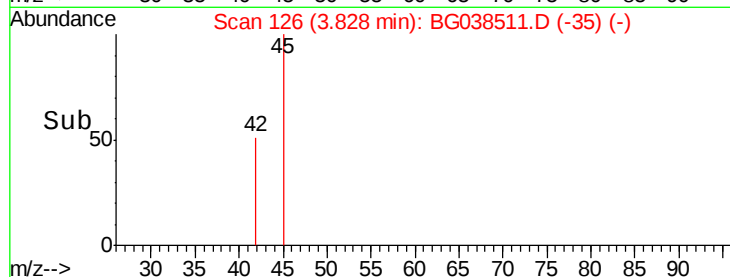
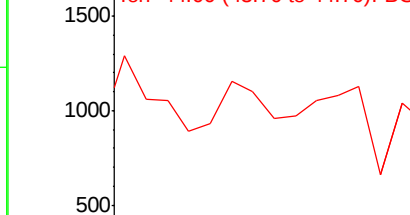
42 100

74 0.0 86.7 130.1#

44 679.6 7.8 11.8#



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



#5

2-Fluorophenol

Concen: 136.045 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

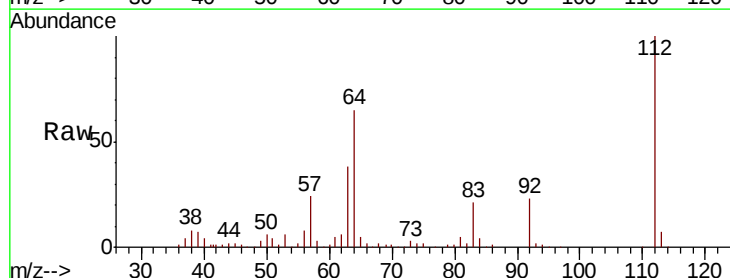
Tgt Ion: 112 Resp: 158500

Ion Ratio Lower Upper

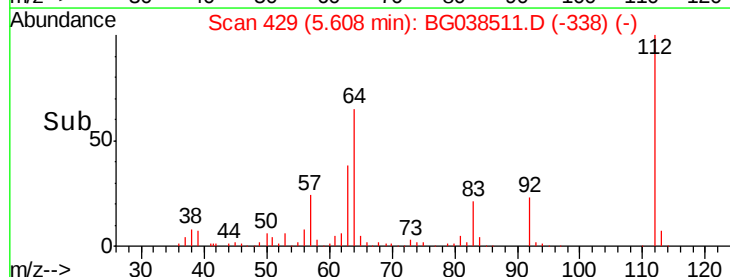
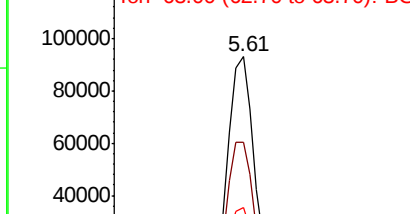
112 100

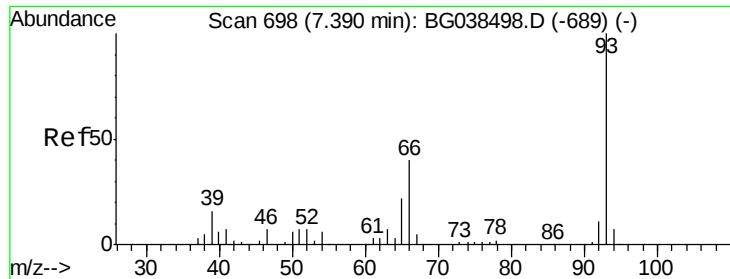
64 64.6 53.4 80.2

63 38.3 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: 0.070 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.15 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

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STOCK-PILE-(5PT-COMP)RE

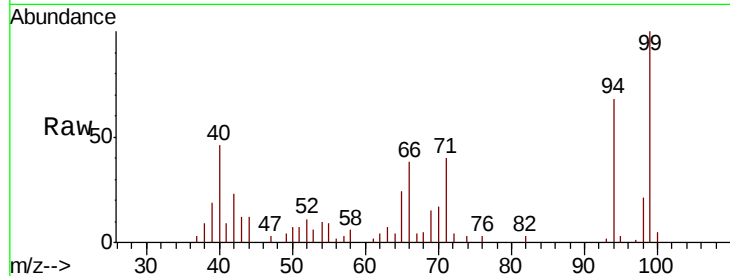
Tgt Ion: 93 Resp: 143

Ion Ratio Lower Upper

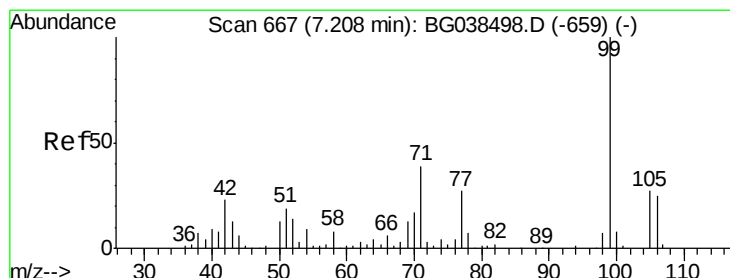
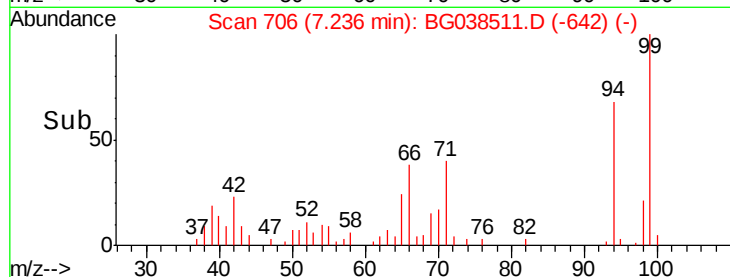
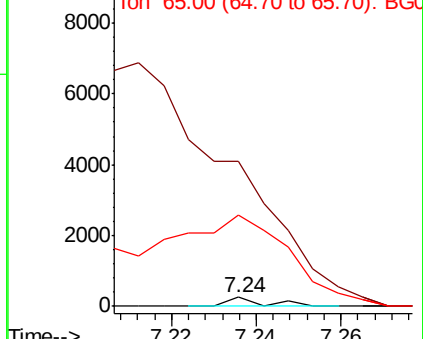
93 100

66 1646.2 31.7 47.5#

65 1032.9 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: 137.109 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

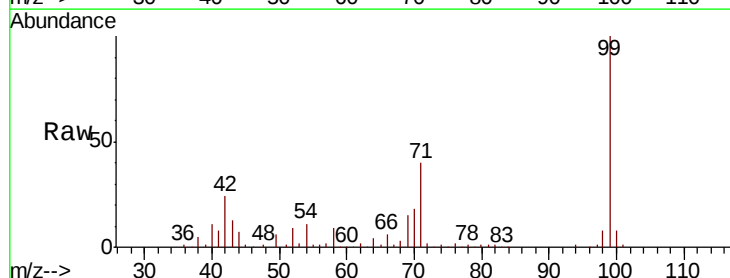
Tgt Ion: 99 Resp: 219291

Ion Ratio Lower Upper

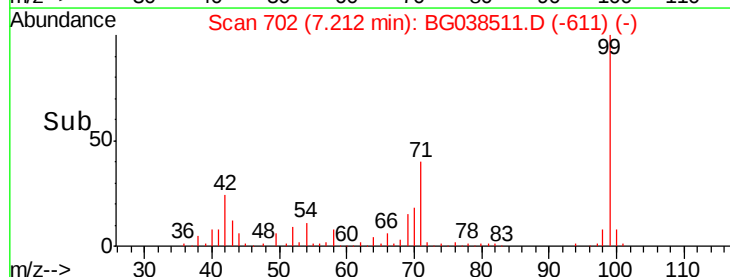
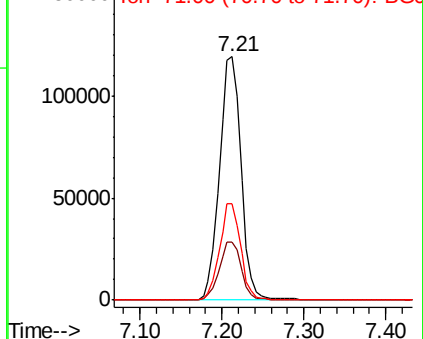
99 100

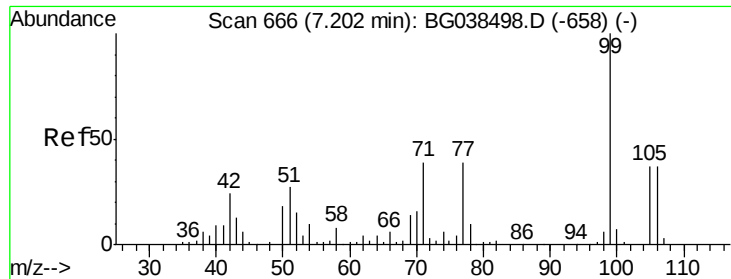
42 23.9 18.5 27.7

71 39.8 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#9

Benzaldehyde

Concen: 0.309 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

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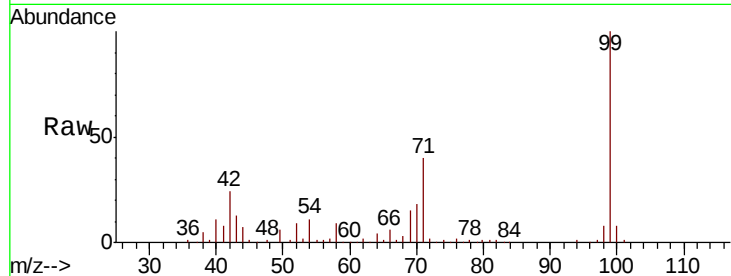
Tgt Ion: 77 Resp: 321

Ion Ratio Lower Upper

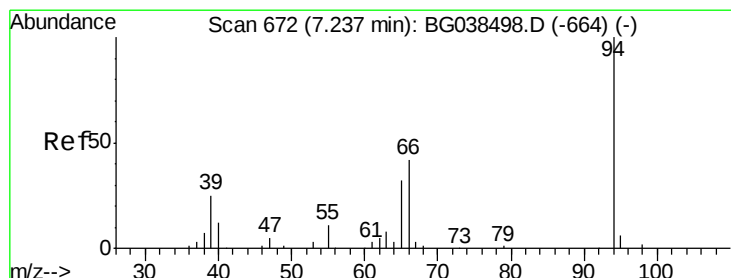
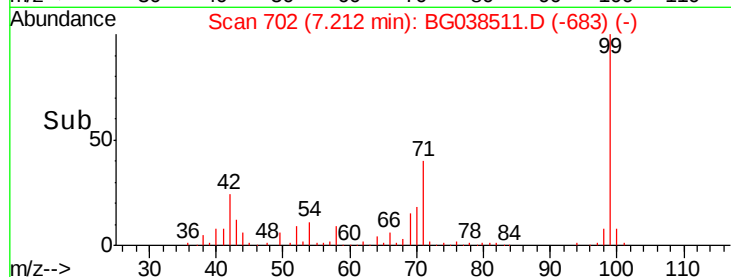
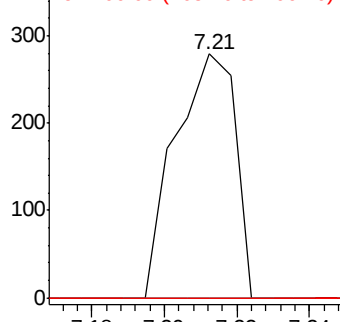
77 100

105 0.0 74.0 114.0#

106 0.0 73.9 113.9#



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



#10

Phenol

Concen: 6.926 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

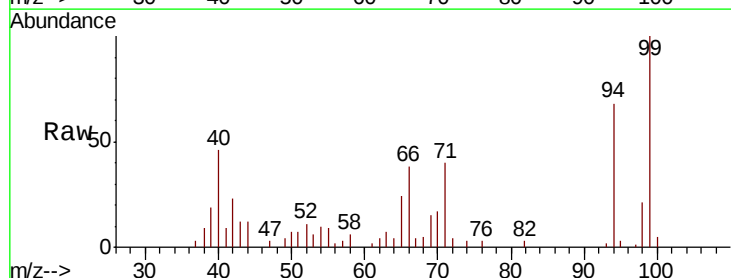
Tgt Ion: 94 Resp: 11769

Ion Ratio Lower Upper

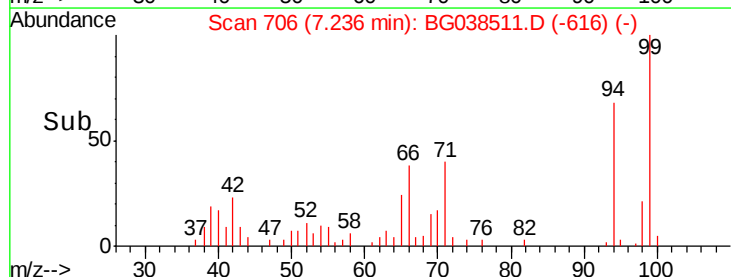
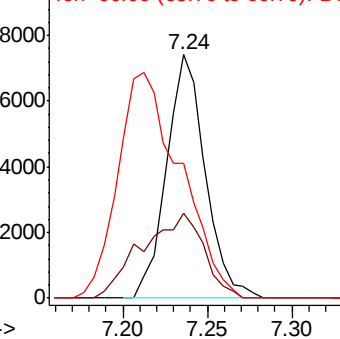
94 100

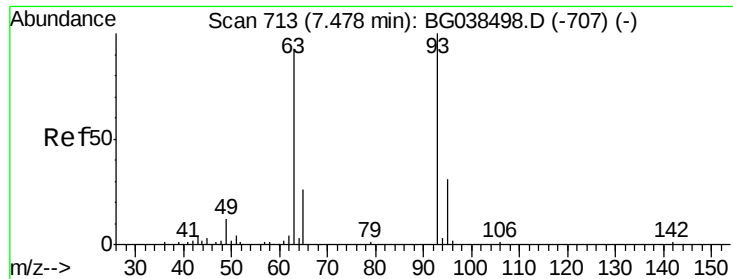
65 34.7 12.6 52.6

66 55.3 24.1 64.1



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

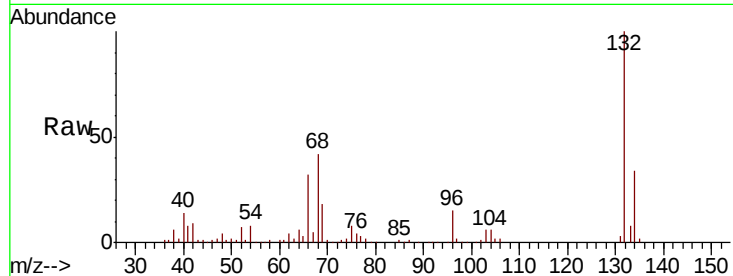




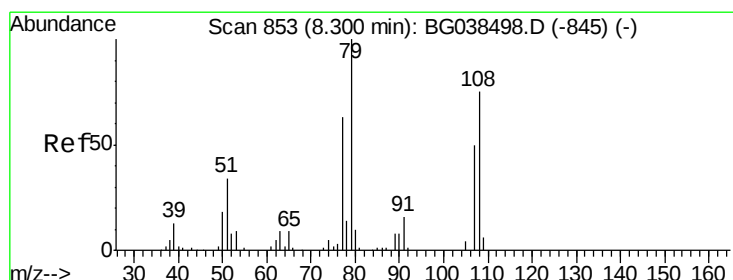
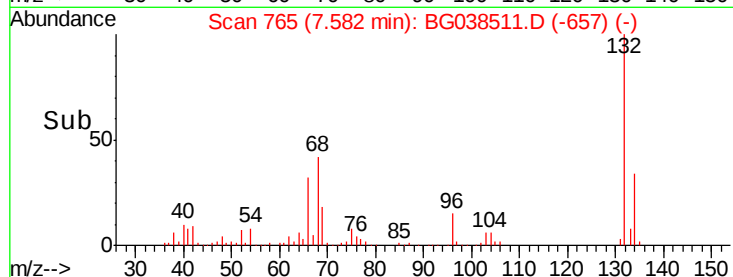
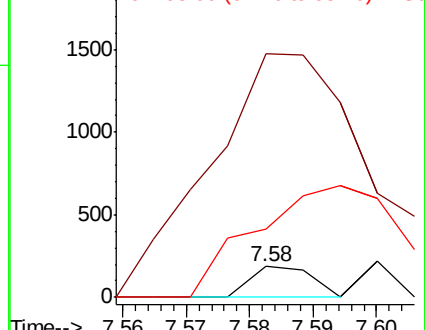
#11
bis(2-Chloroethyl)ether
Concen: 0.092 ng
RT: 7.58 min Scan# 765
Delta R.T. 0.10 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Instrument :
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Tgt Ion: 93 Resp: 125
Ion Ratio Lower Upper
93 100
63 788.2 72.2 112.2#
95 222.5 11.2 51.2#

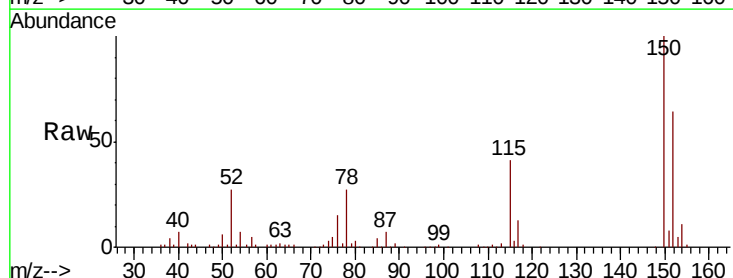


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

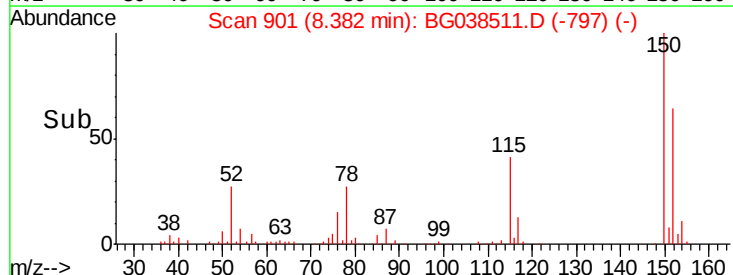
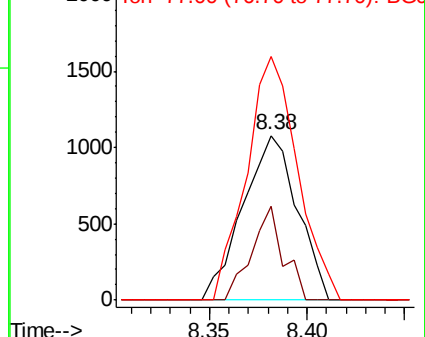


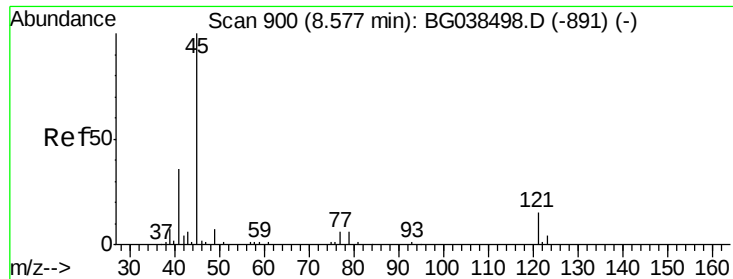
#15
Benzyl Alcohol
Concen: 1.663 ng
RT: 8.38 min Scan# 901
Delta R.T. 0.08 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion: 79 Resp: 2076
Ion Ratio Lower Upper
79 100
108 57.1 60.2 90.4#
77 148.1 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

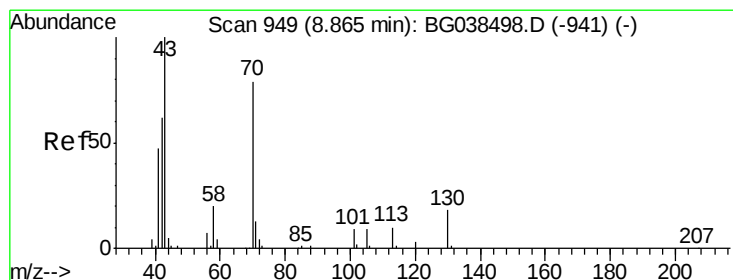
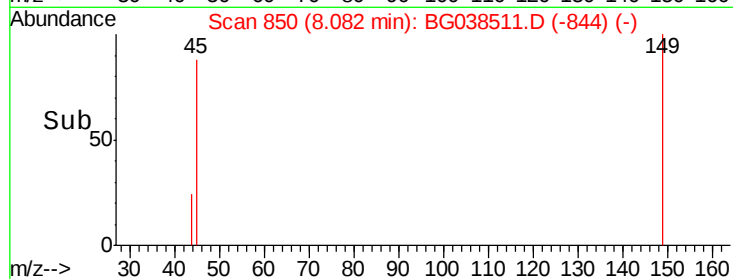
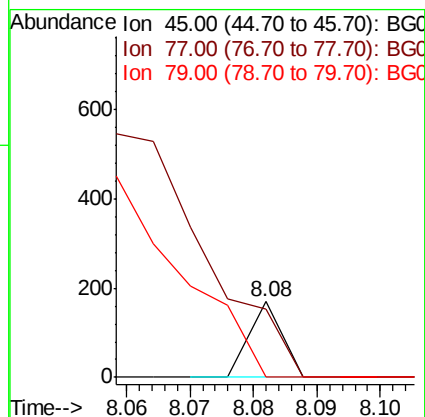
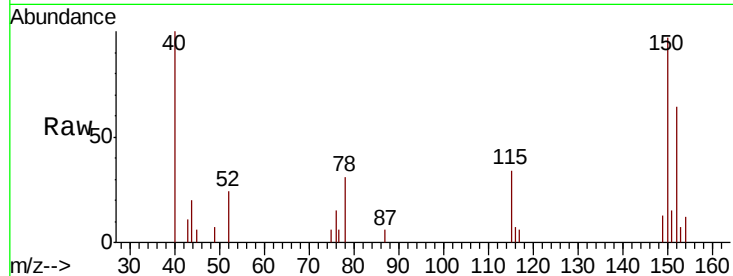




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.019 ng
RT: 8.08 min Scan# 850
Delta R.T. -0.49 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

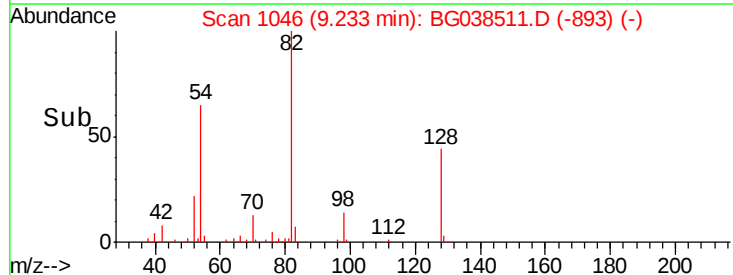
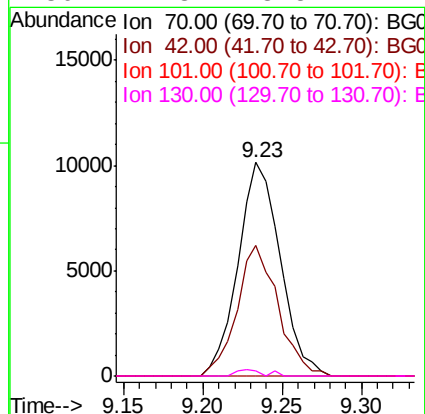
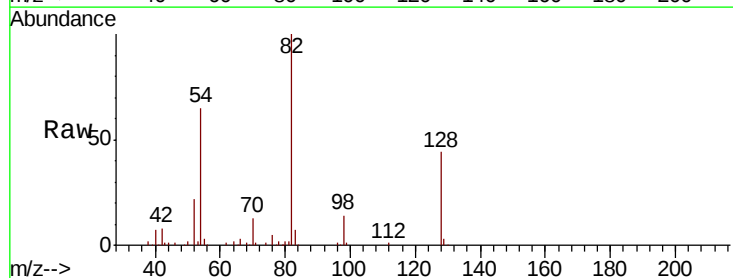
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

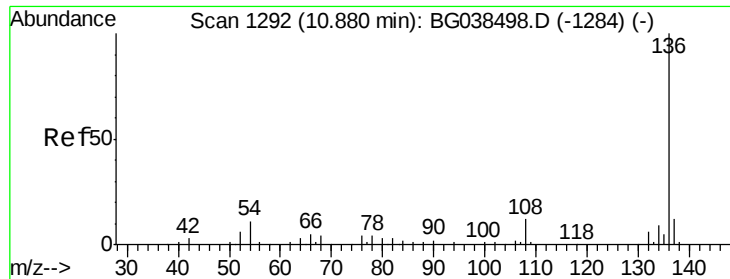
Tgt Ion: 45 Resp: 60
Ion Ratio Lower Upper
45 100
77 90.5 0.0 28.2#
79 0.0 0.0 27.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.647 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion: 70 Resp: 18700
Ion Ratio Lower Upper
70 100
42 61.0 63.6 95.4#
101 0.0 9.2 13.8#
130 2.3 18.5 27.7#

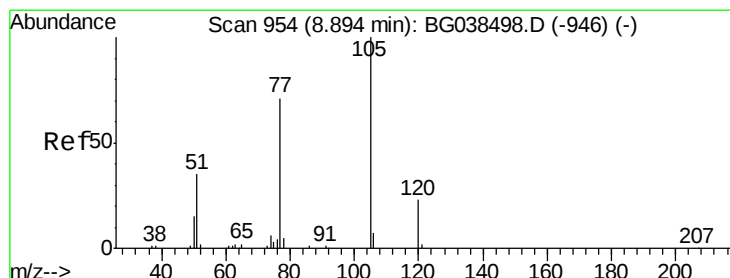
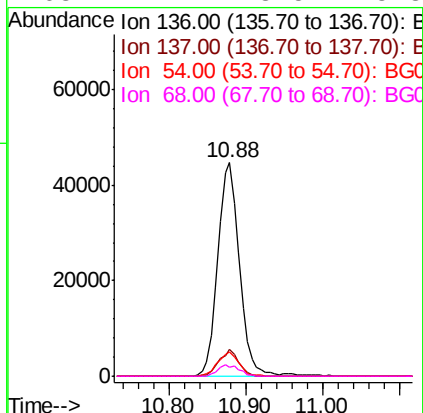
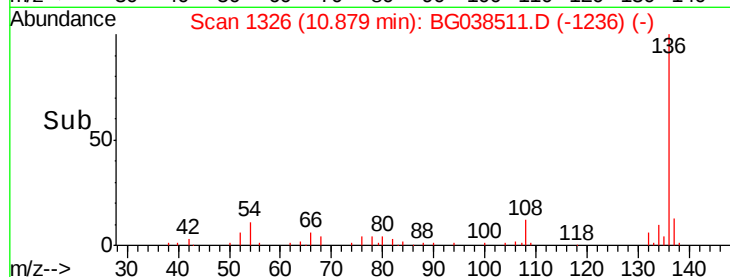
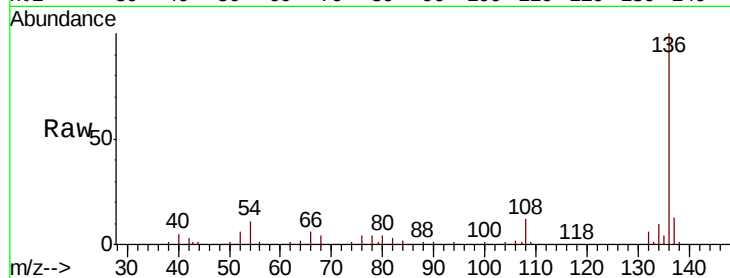




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

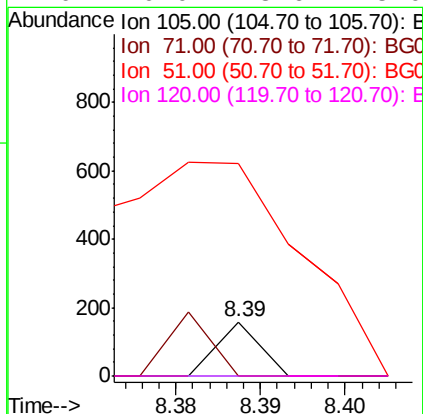
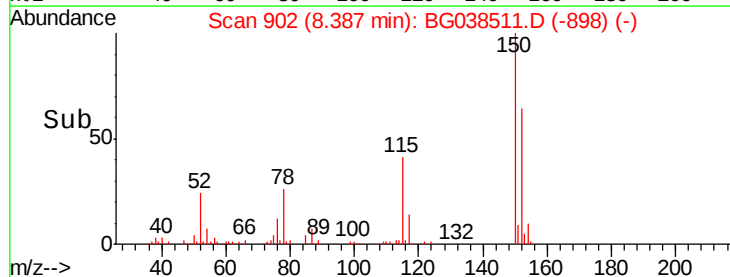
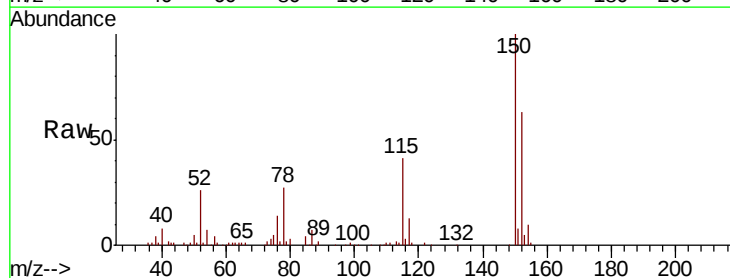
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

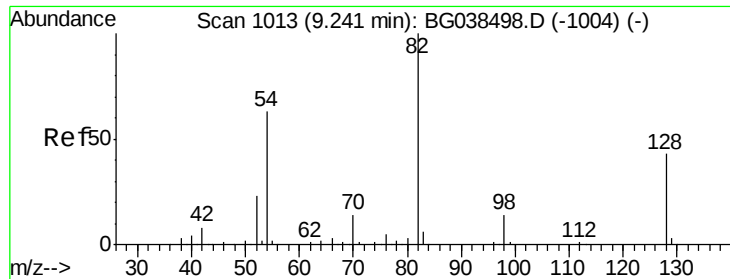
Tgt Ion:	136	Resp:	87035
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.3	13.9
54	11.2	8.5	12.7
68	4.2	3.5	5.3



#22
Acetophenone
Concen: 0.026 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.51 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion:	105	Resp:	56
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	391.2	30.6	46.0#
120	0.0	18.6	28.0#

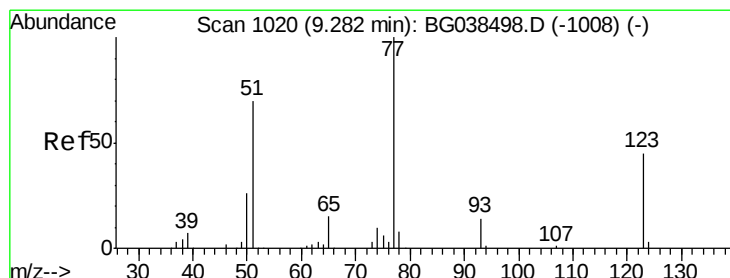
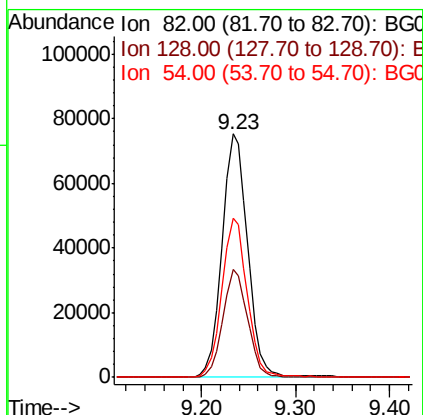
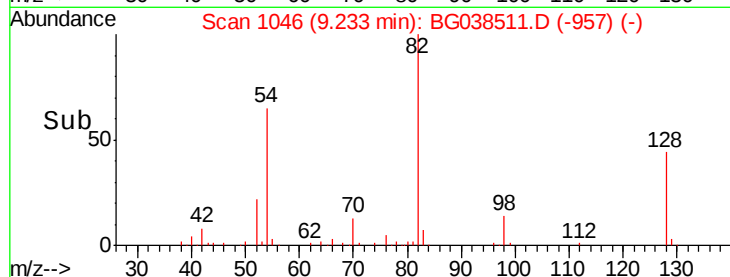
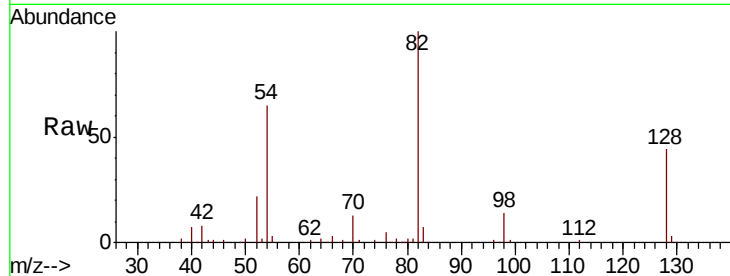




#23
 Nitrobenzene-d5
 Concen: 83.705 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

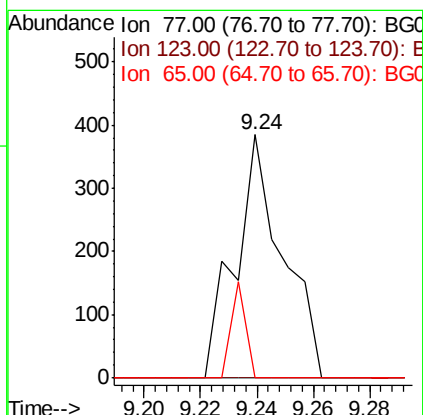
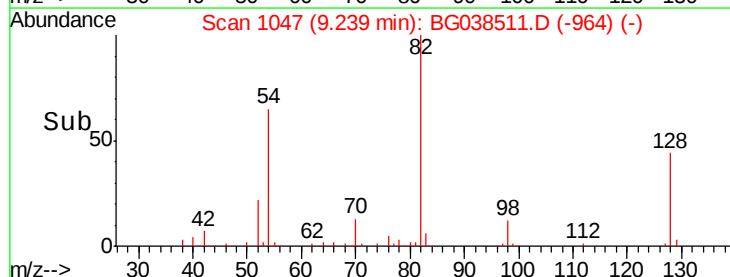
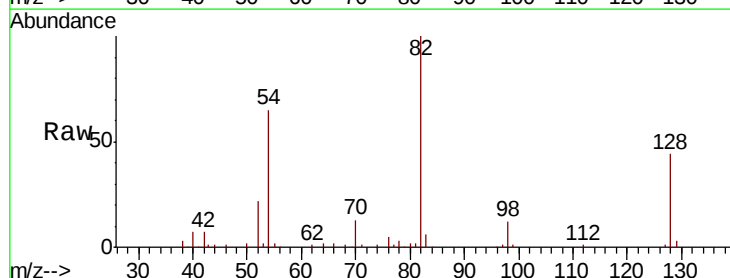
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

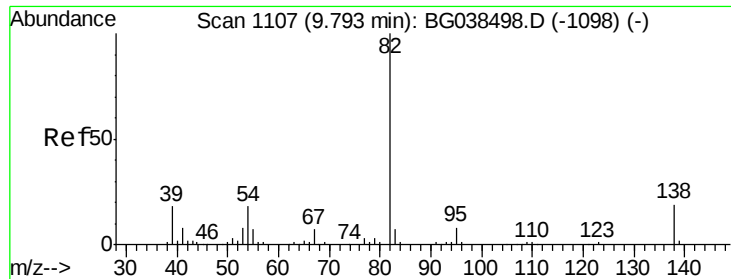
Tgt Ion: 82 Resp: 142605
 Ion Ratio Lower Upper
 82 100
 128 44.4 34.6 52.0
 54 65.5 50.6 76.0



#24
 Nitrobenzene
 Concen: 0.260 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.04 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion: 77 Resp: 448
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.9 53.9#
 65 0.0 12.0 18.0#





#25

Isophorone

Concen: 0.091 ng

RT: 9.39 min Scan# 1073

Delta R.T. -0.40 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

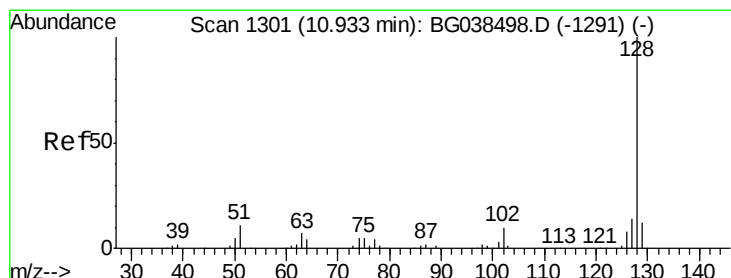
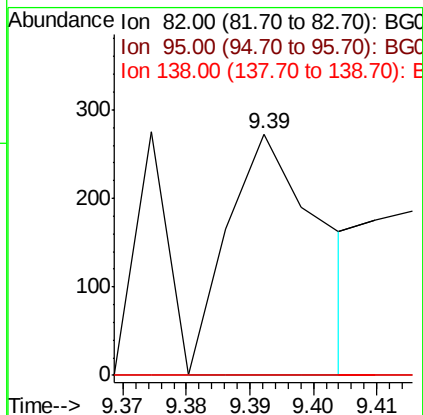
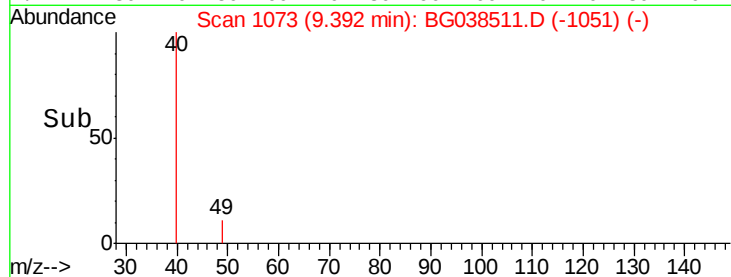
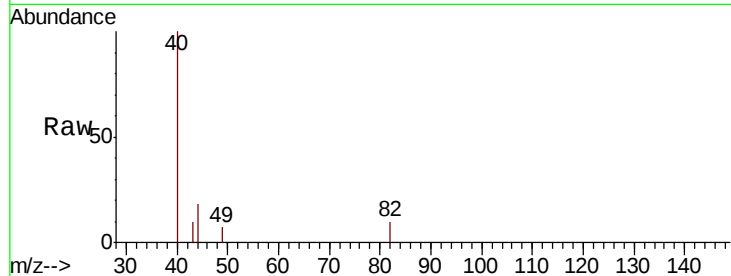
Tgt Ion: 82 Resp: 279

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 0.076 ng

RT: 10.92 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

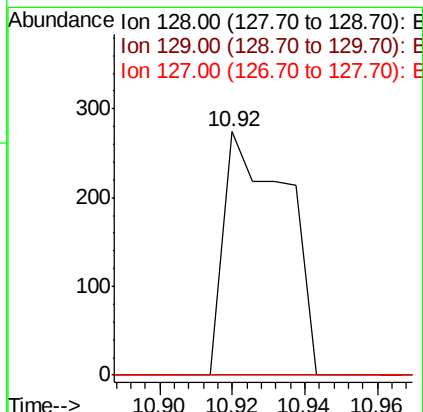
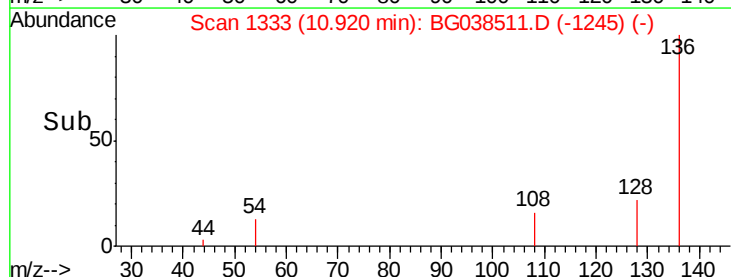
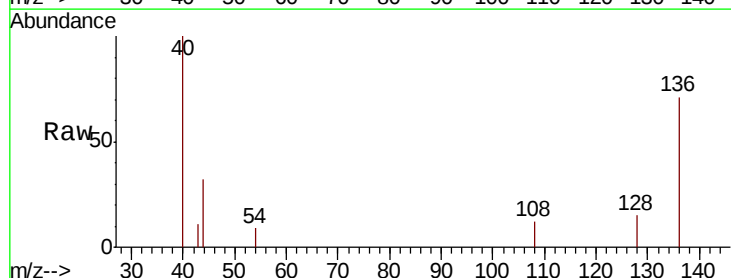
Tgt Ion: 128 Resp: 326

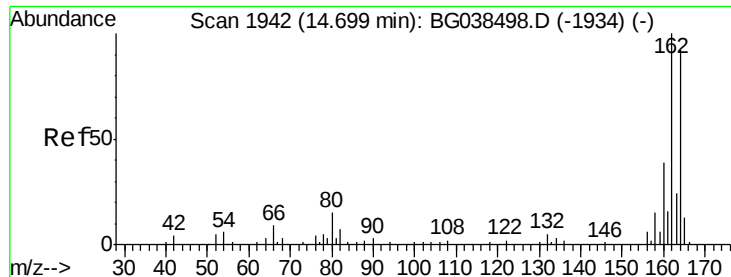
Ion Ratio Lower Upper

128 100

129 0.0 9.5 14.3#

127 0.0 10.9 16.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

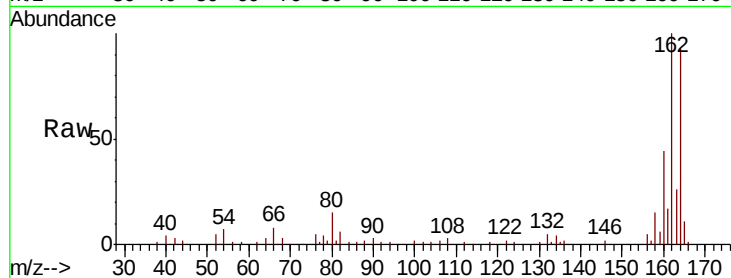
Tgt Ion:164 Resp: 58699

Ion Ratio Lower Upper

164 100

162 107.1 86.6 130.0

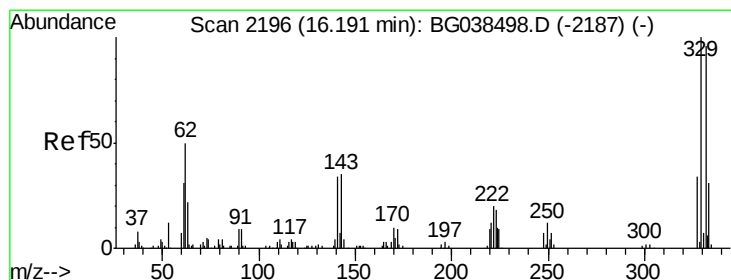
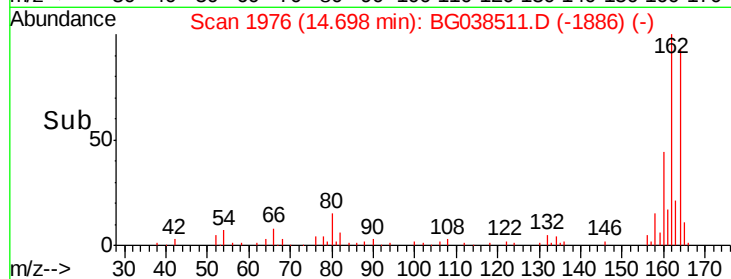
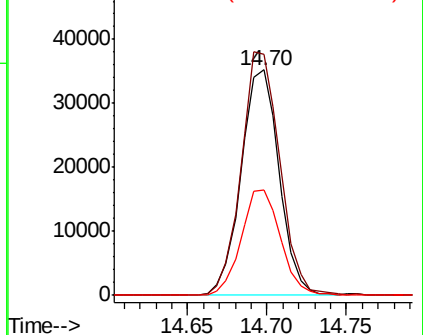
160 47.0 34.2 51.2



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: 137.909 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

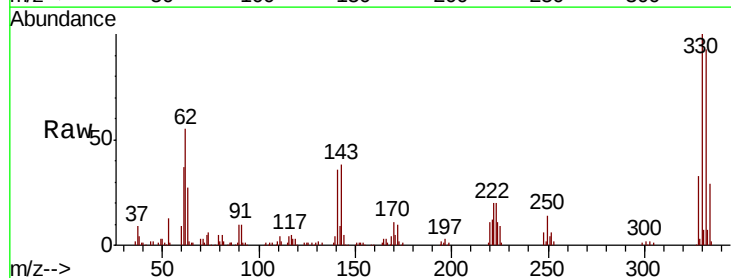
Tgt Ion:330 Resp: 111565

Ion Ratio Lower Upper

330 100

332 93.8 76.9 115.3

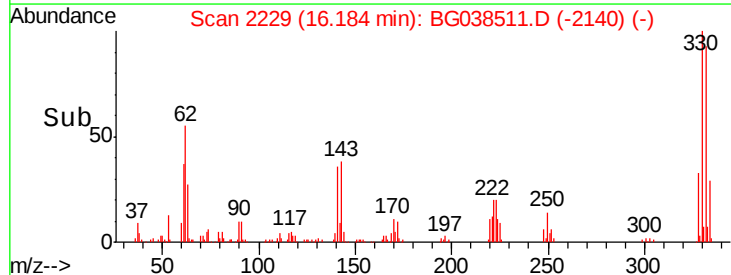
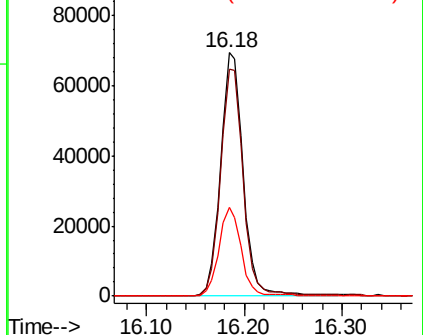
141 36.1 28.8 43.2

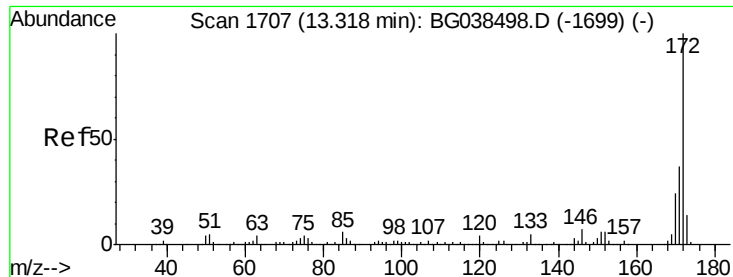


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

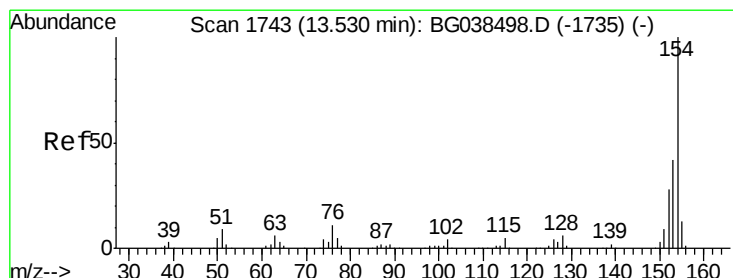
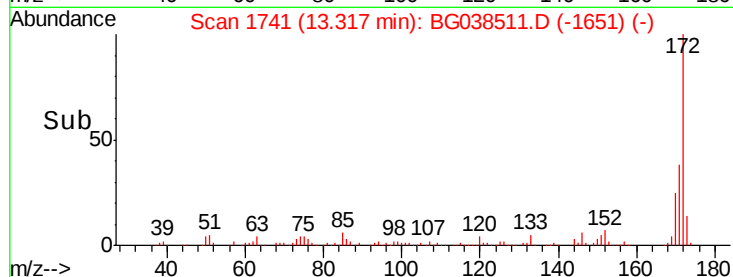
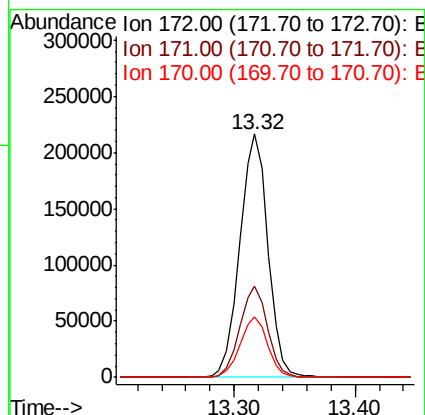
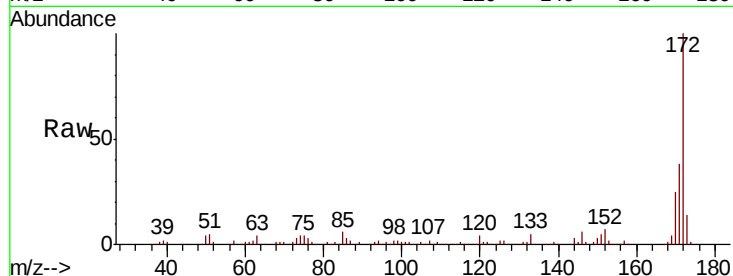




#45
2-Fluorobiphenyl
Concen: 82.062 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

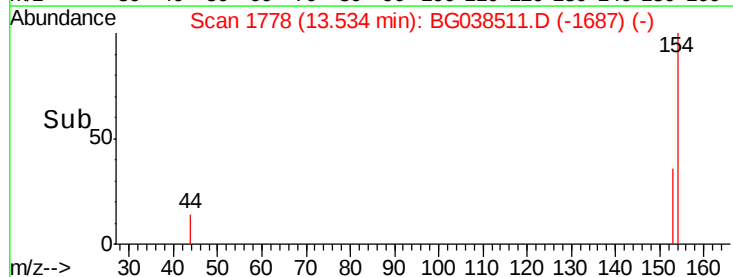
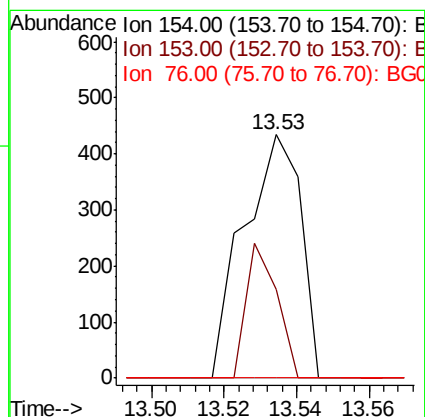
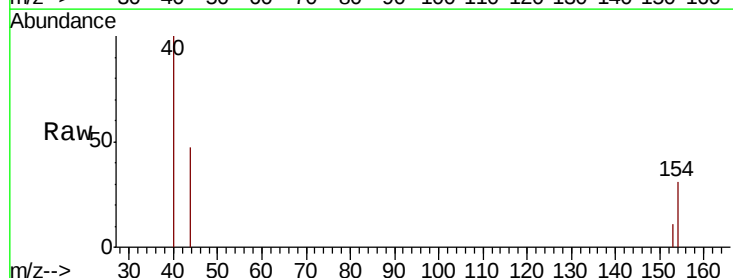
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

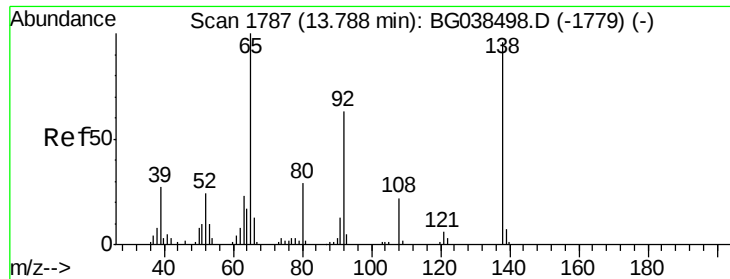
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.8	19.5	29.3



#46
1,1'-Biphenyl
Concen: 0.096 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	36.4	22.1	62.1
76	0.0	0.0	31.2





#48

2-Nitroaniline

Concen: 0.123 ng

RT: 14.14 min Scan# 1881

Delta R.T. 0.35 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

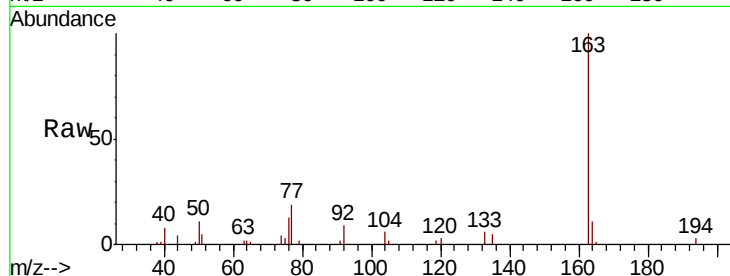
Tgt Ion: 65 Resp: 149

Ion Ratio Lower Upper

65 100

92 610.6 50.0 75.0#

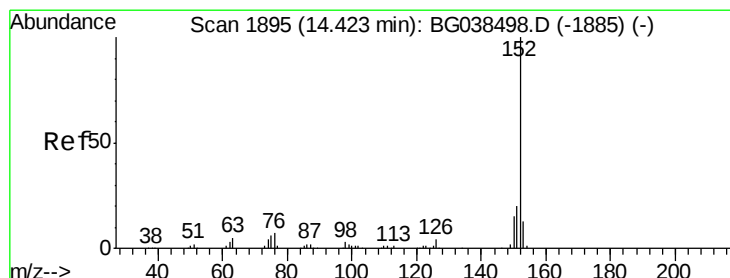
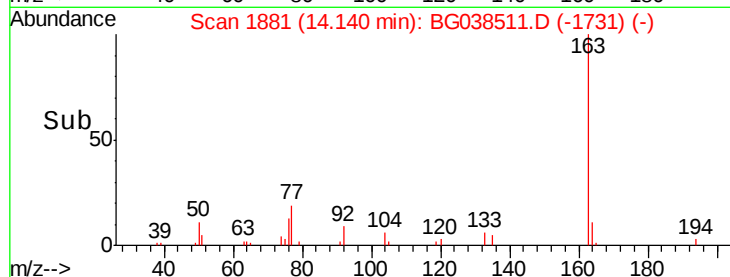
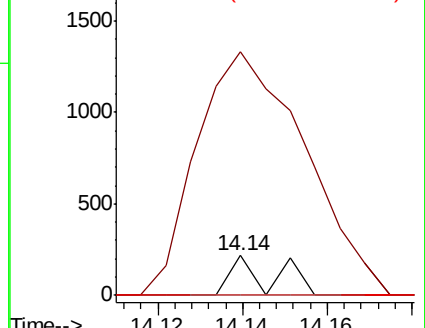
138 0.0 76.9 115.3#



Abundance Ion 65.00 (64.70 to 65.70): BG038498.D (-1779) (-)

Ion 92.00 (91.70 to 92.70): BG038498.D (-1779) (-)

Ion 138.00 (137.70 to 138.70): BG038498.D (-1779) (-)



#49

Acenaphthylene

Concen: 0.010 ng

RT: 14.71 min Scan# 1978

Delta R.T. 0.29 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

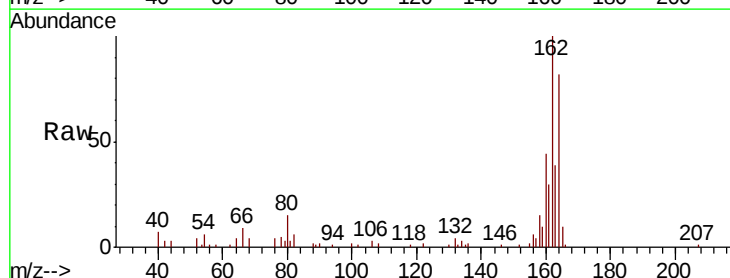
Tgt Ion: 152 Resp: 54

Ion Ratio Lower Upper

152 100

151 0.0 16.4 24.6#

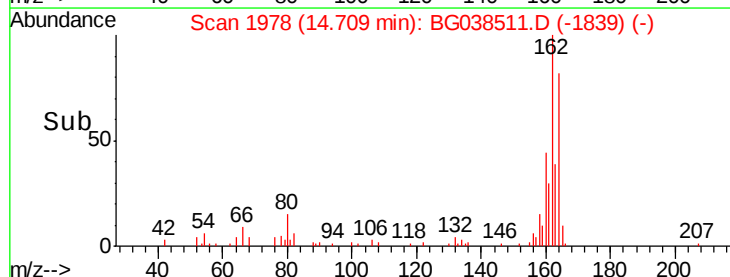
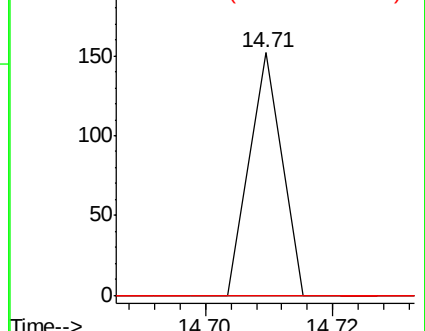
153 0.0 10.4 15.6#

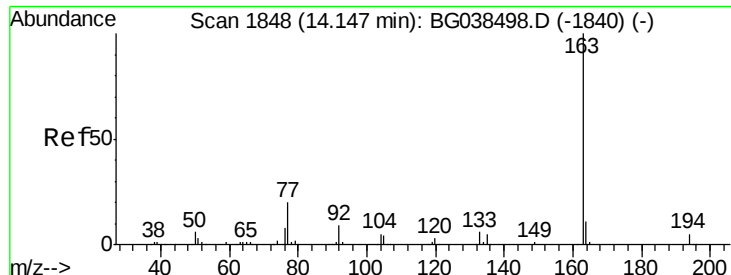


Abundance Ion 152.00 (151.70 to 152.70): BG038498.D (-1885) (-)

Ion 151.00 (150.70 to 151.70): BG038498.D (-1885) (-)

Ion 153.00 (152.70 to 153.70): BG038498.D (-1885) (-)





#50

Dimethylphthalate

Concen: 5.713 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

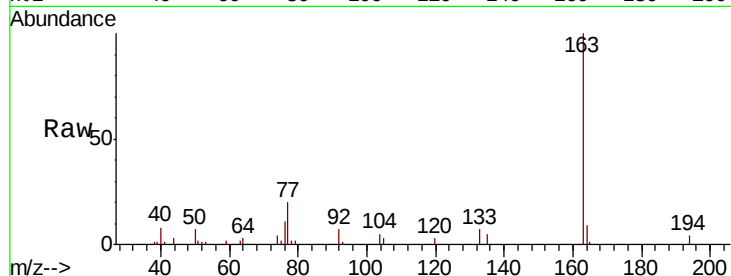
Tgt Ion:163 Resp: 27387

Ion Ratio Lower Upper

163 100

194 4.1 3.7 5.5

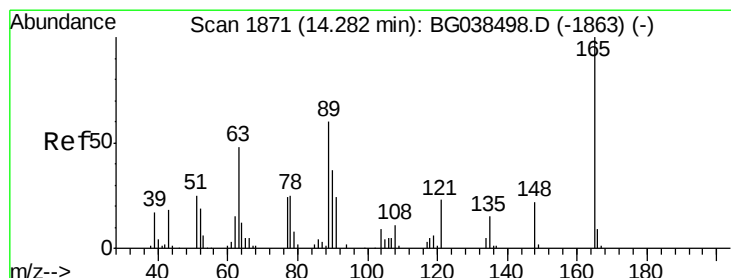
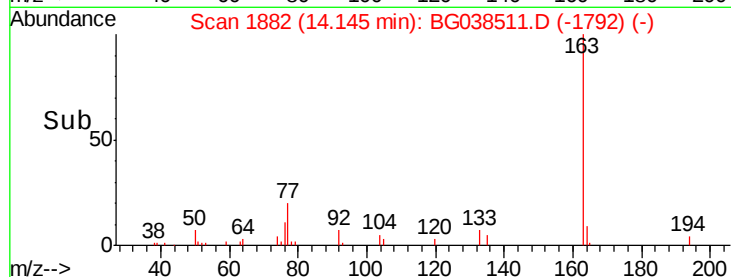
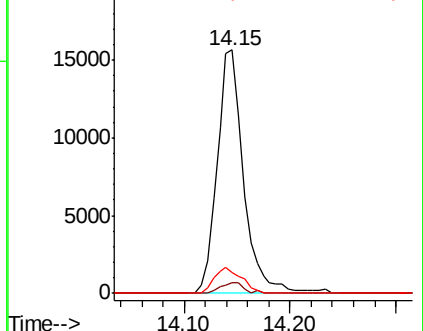
164 8.8 8.6 12.8



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: 0.249 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.14 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

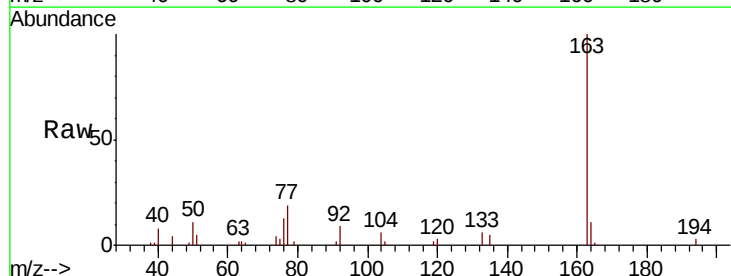
Tgt Ion:165 Resp: 270

Ion Ratio Lower Upper

165 100

63 163.6 51.8 77.6#

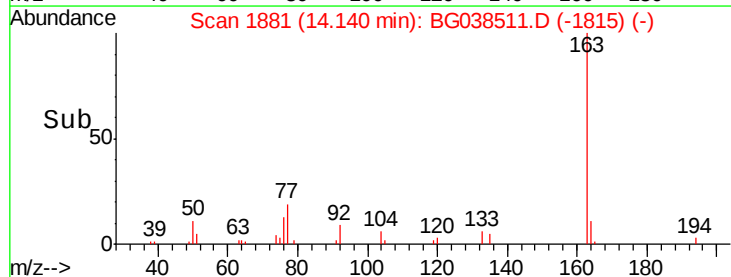
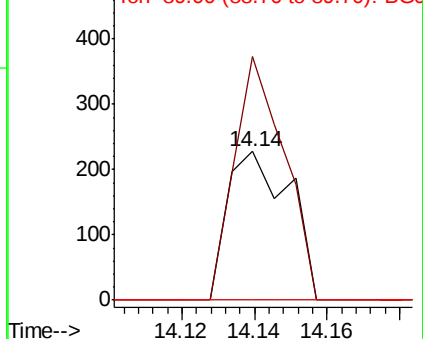
89 0.0 47.9 71.9#

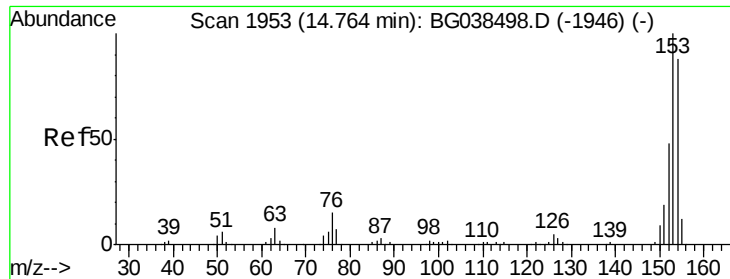


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 0.033 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

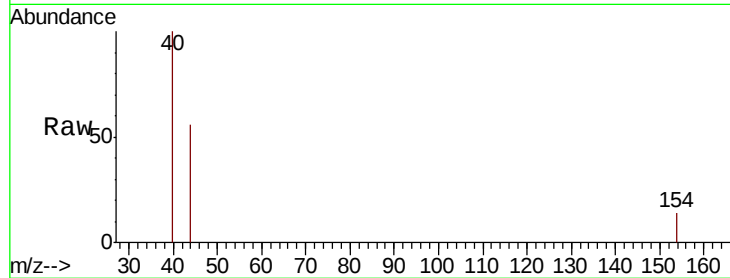
Tgt Ion:154 Resp: 111

Ion Ratio Lower Upper

154 100

153 0.0 90.6 136.0#

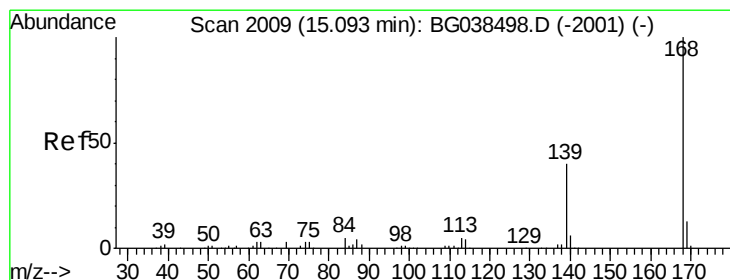
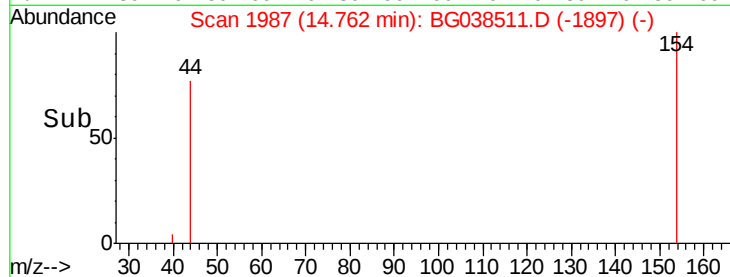
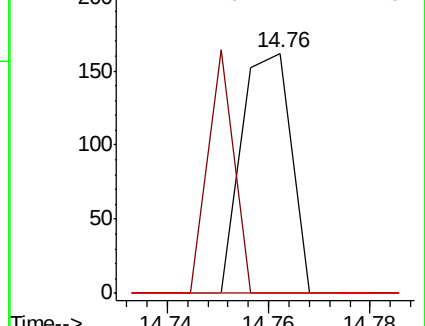
152 0.0 43.5 65.3#



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



#55

Dibenzofuran

Concen: 0.014 ng

RT: 15.10 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

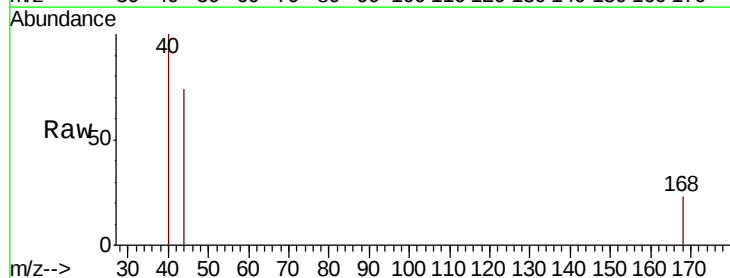
Tgt Ion:168 Resp: 81

Ion Ratio Lower Upper

168 100

139 0.0 32.2 48.2#

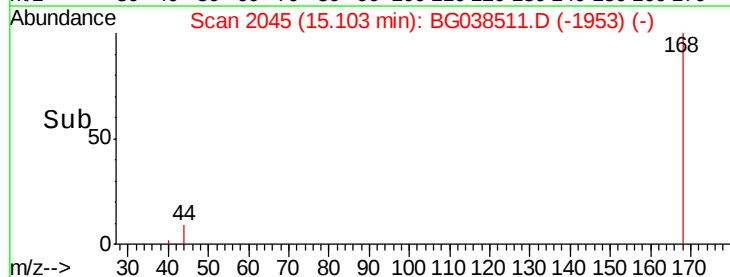
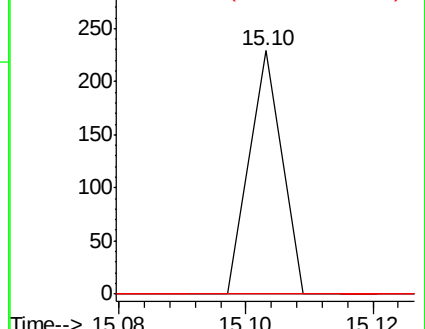
169 0.0 10.6 16.0#

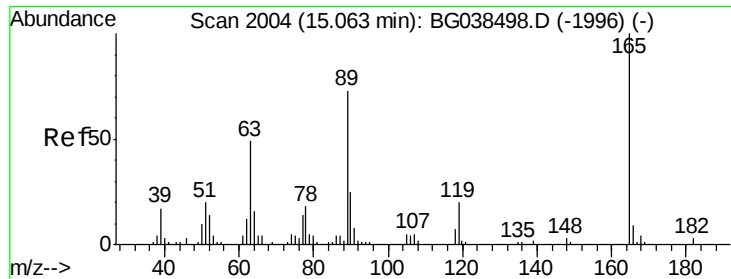


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

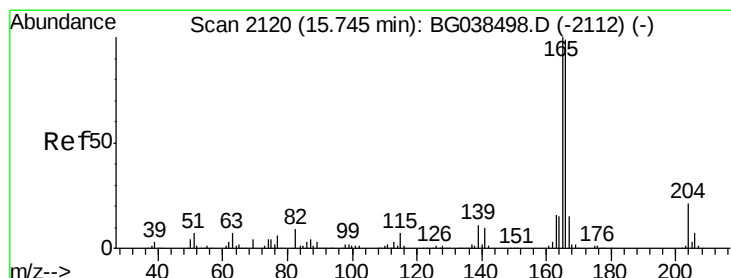
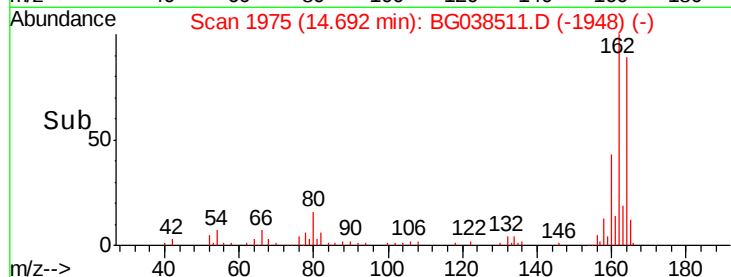
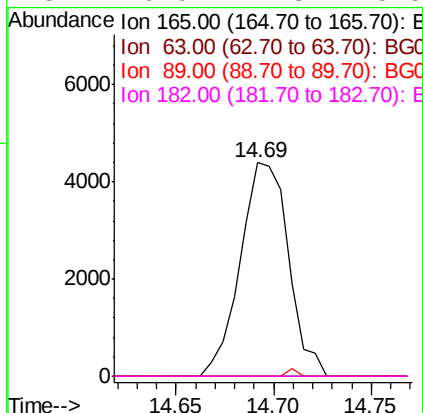
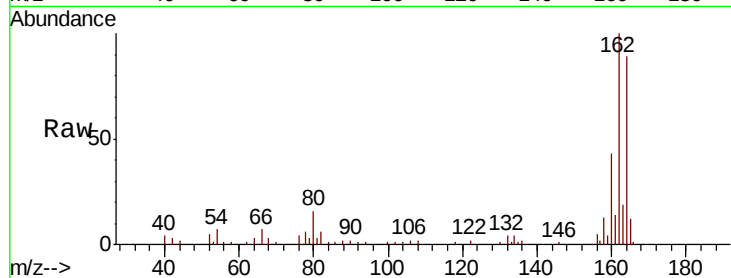




#57
 2,4-Dinitrotoluene
 Concen: 4.904 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

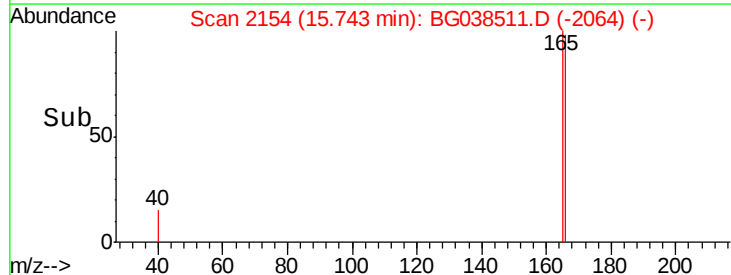
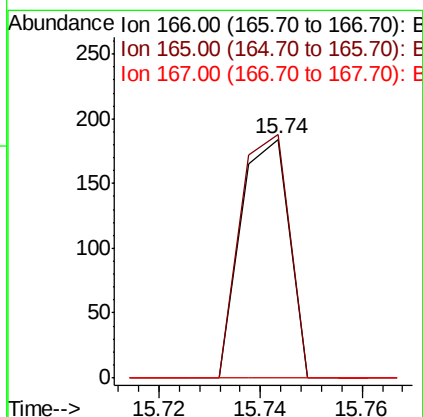
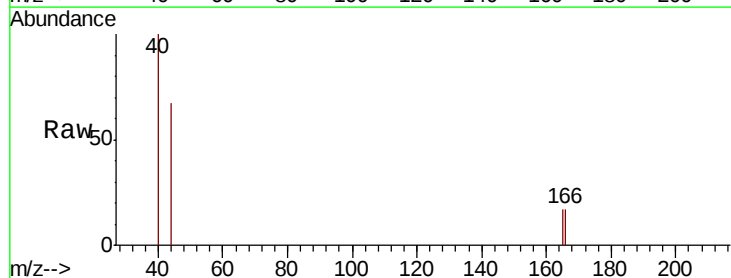
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

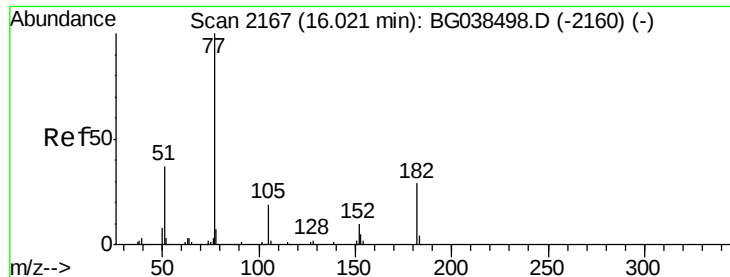
Tgt Ion:	165	Resp:	7503
Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#58
 Fluorene
 Concen: 0.029 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion:	166	Resp:	123
Ion	Ratio	Lower	Upper
166	100		
165	102.2	80.6	120.8
167	0.0	12.0	18.0#

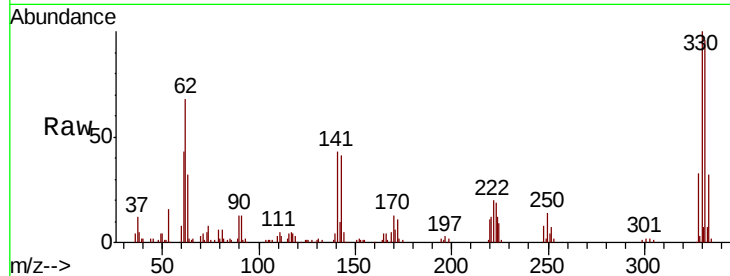




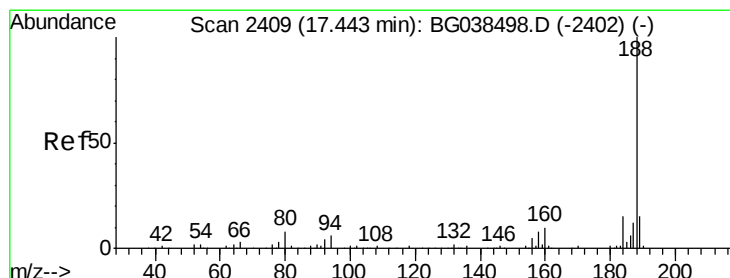
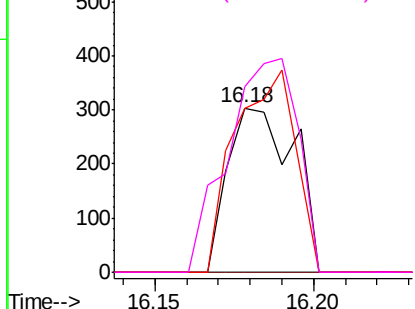
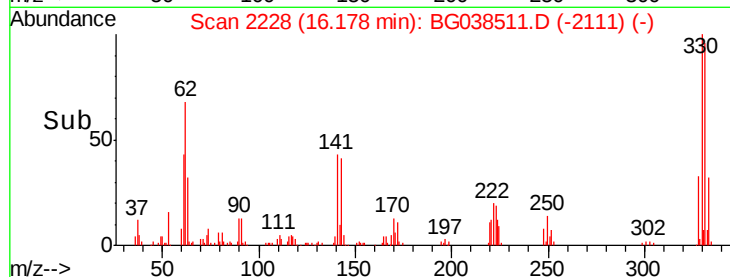
#63
Azobenzene
Concen: 0.100 ng
RT: 16.18 min Scan# 2228
Delta R.T. 0.16 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

Tgt Ion: 77 Resp: 439
Ion Ratio Lower Upper
77 100
182 0.0 8.7 48.7#
105 100.0 0.0 38.7#
51 113.5 16.6 56.6#

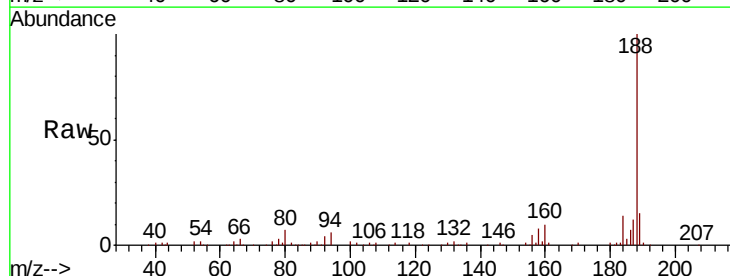


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

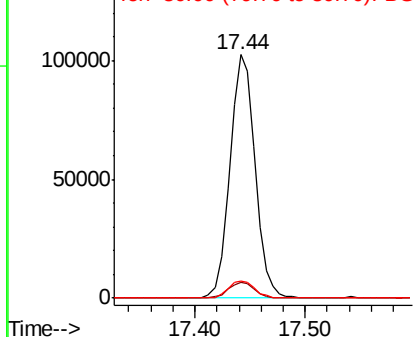
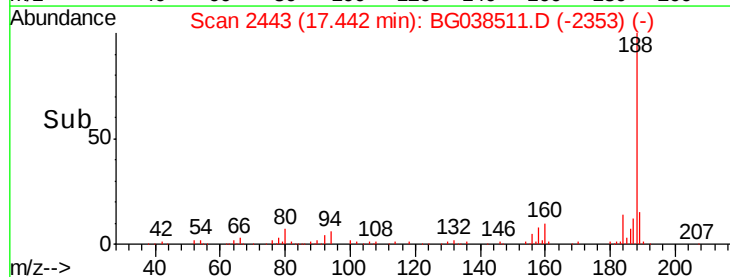


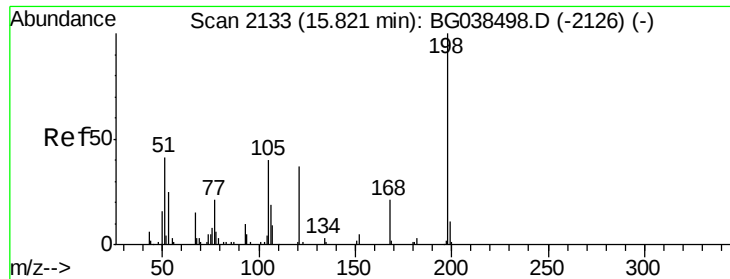
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion: 188 Resp: 163600
Ion Ratio Lower Upper
188 100
94 6.4 5.1 7.7
80 7.2 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

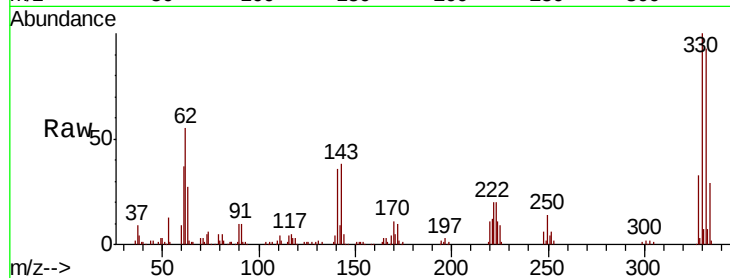




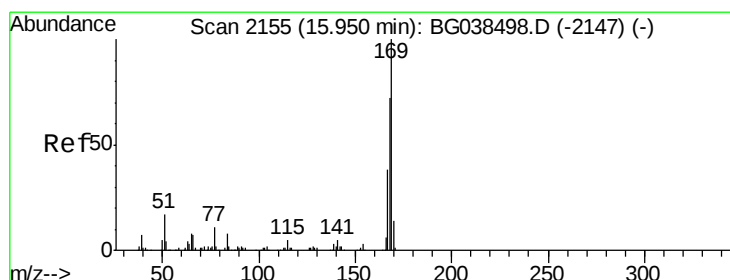
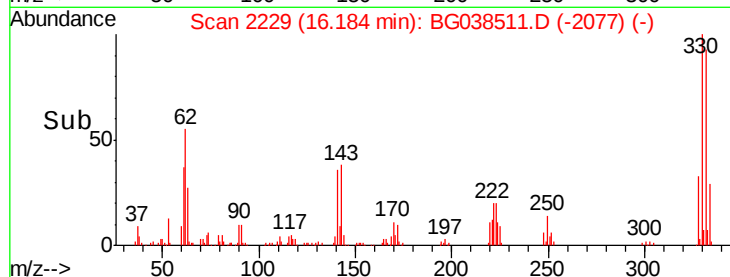
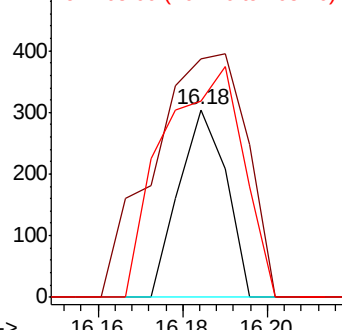
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.203 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.36 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

Tgt Ion:198 Resp: 237
 Ion Ratio Lower Upper
 198 100
 51 29.3 28.6 68.6
 105 24.2 20.4 60.4

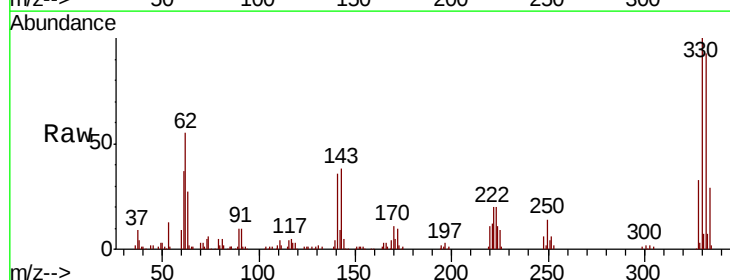


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG0
 Ion 105.00 (104.70 to 105.70): E

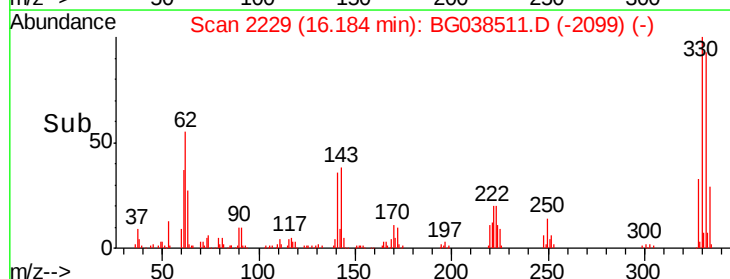
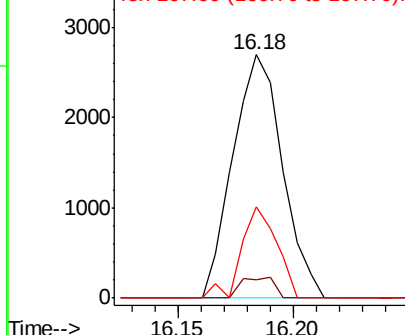


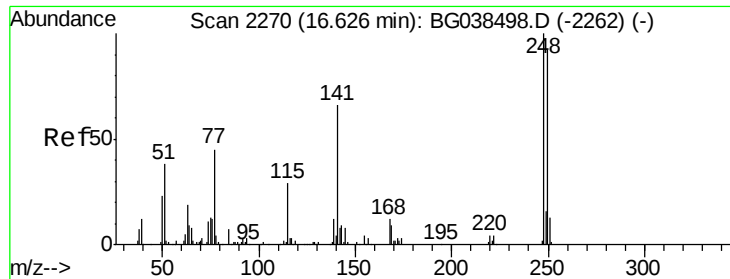
#66
 n-Nitrosodiphenylamine
 Concen: 0.837 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. 0.23 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion:169 Resp: 4024
 Ion Ratio Lower Upper
 169 100
 168 7.5 57.5 86.3#
 167 37.3 30.2 45.2



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

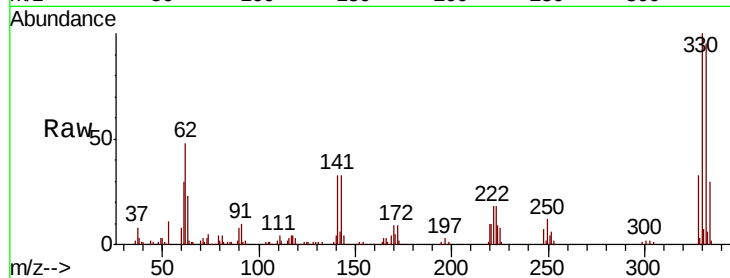




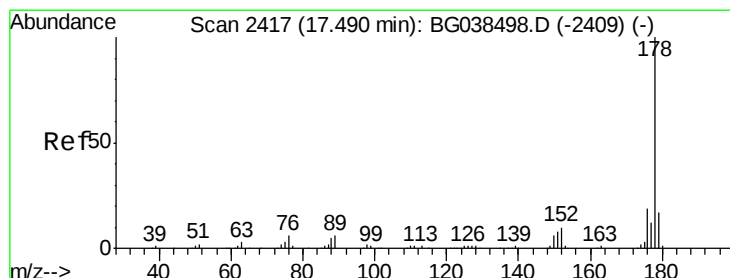
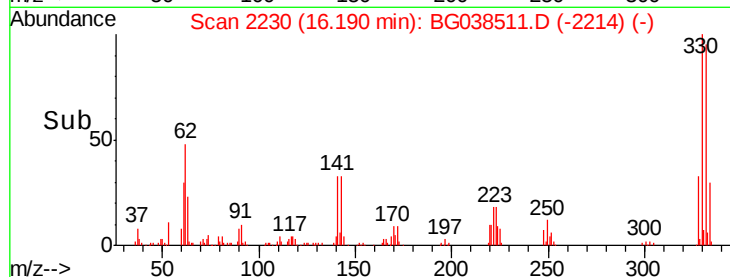
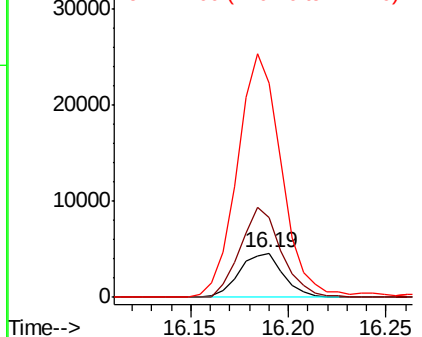
#67
 4-Bromophenyl-phenylether
 Concen: 3.568 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

Tgt Ion:248 Resp: 7129
 Ion Ratio Lower Upper
 248 100
 250 180.0 73.4 110.2#
 141 367.8 52.9 79.3#

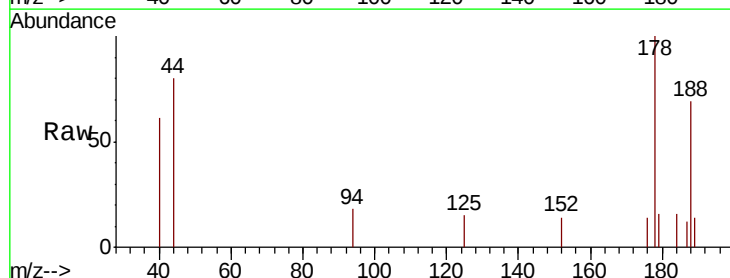


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

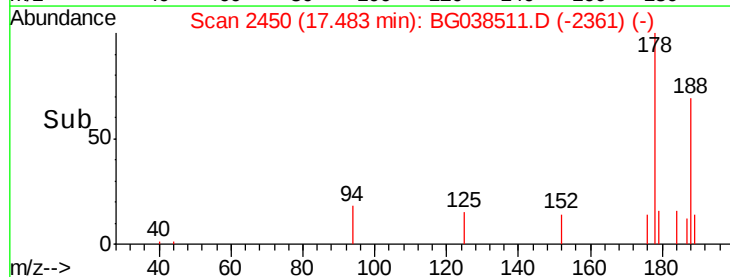
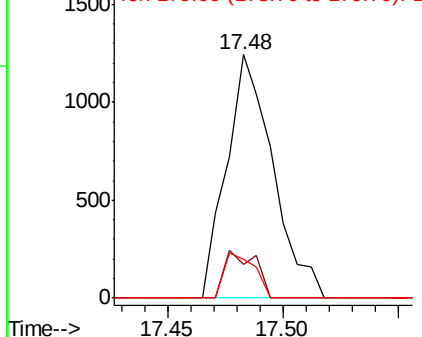


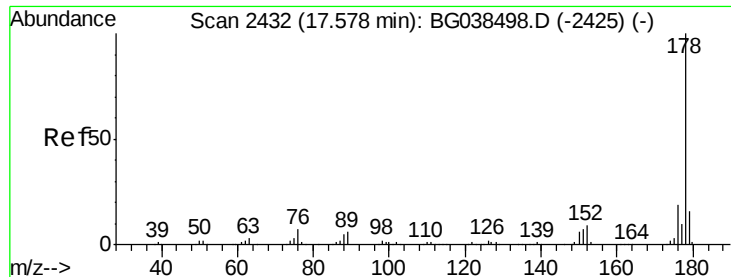
#71
 Phenanthrene
 Concen: 0.205 ng
 RT: 17.48 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion:178 Resp: 1735
 Ion Ratio Lower Upper
 178 100
 176 13.8 15.1 22.7#
 179 15.9 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

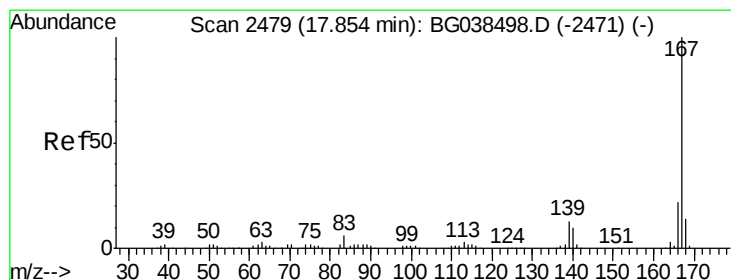
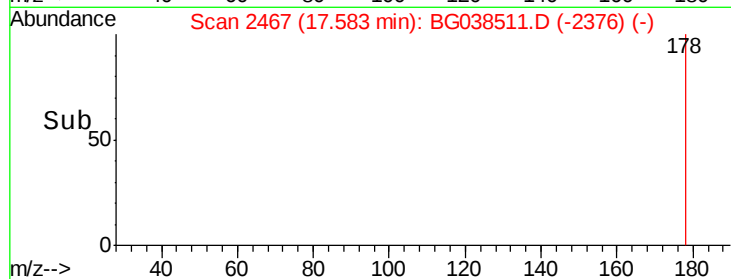
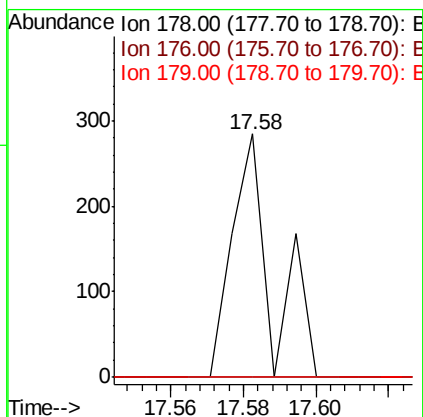
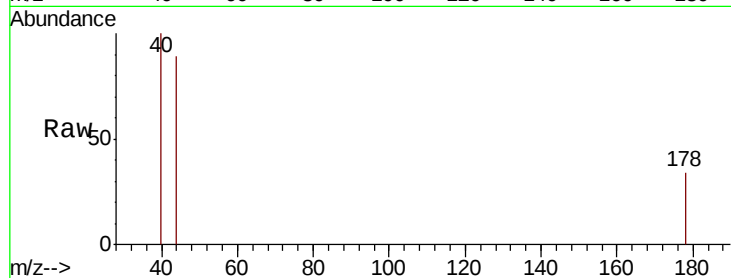




#72
 Anthracene
 Concen: 0.026 ng
 RT: 17.58 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

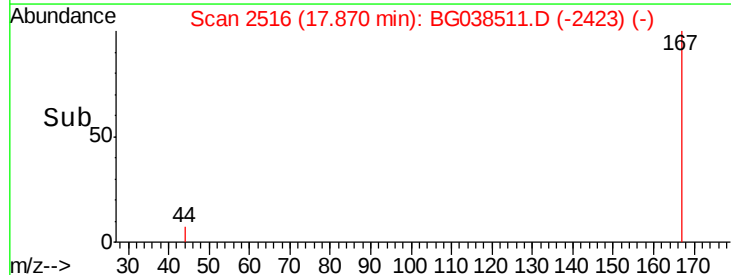
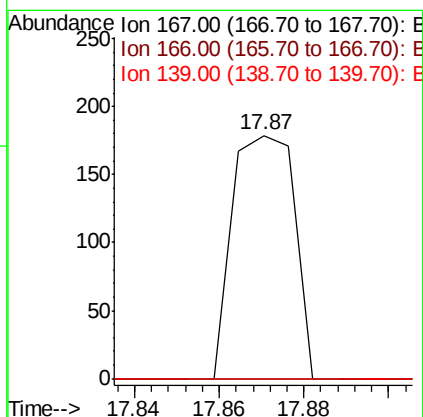
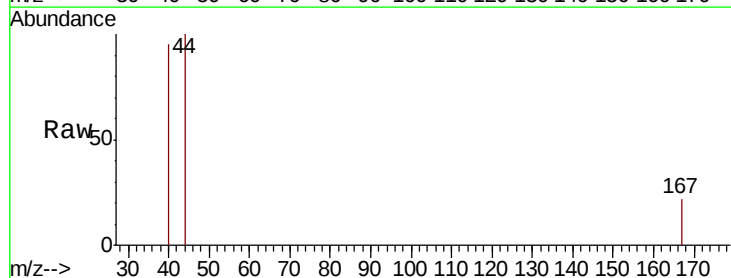
Instrument :
 BNA_G
 ClientSampleId :
 STOCK-PILE-(5PT-COMP)RE

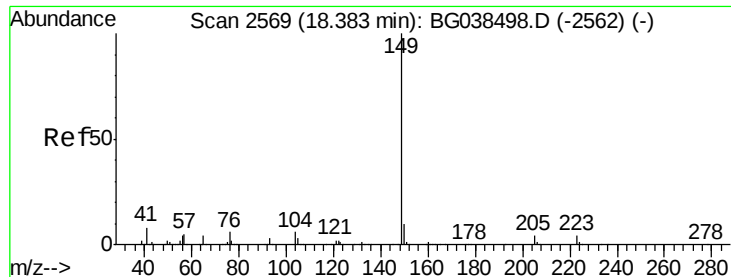
Tgt Ion:178 Resp: 219
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.1 22.7#
 179 0.0 12.9 19.3#



#73
 Carbazole
 Concen: 0.022 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.02 min
 Lab File: BG038511.D
 Acq: 12 Dec 2018 23:22

Tgt Ion:167 Resp: 182
 Ion Ratio Lower Upper
 167 100
 166 0.0 17.9 26.9#
 139 0.0 10.2 15.2#





#74

Di-n-butylphthalate

Concen: 0.015 ng

RT: 18.38 min Scan# 2603

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

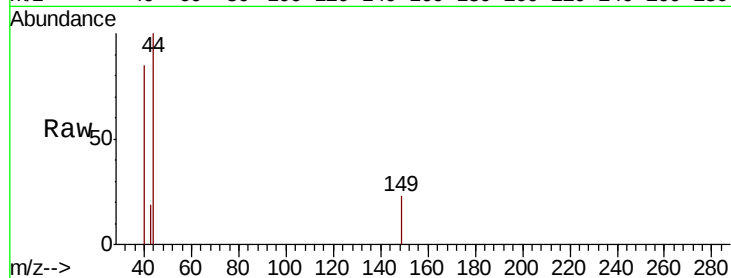
Tgt Ion:149 Resp: 145

Ion Ratio Lower Upper

149 100

150 0.0 7.6 11.4#

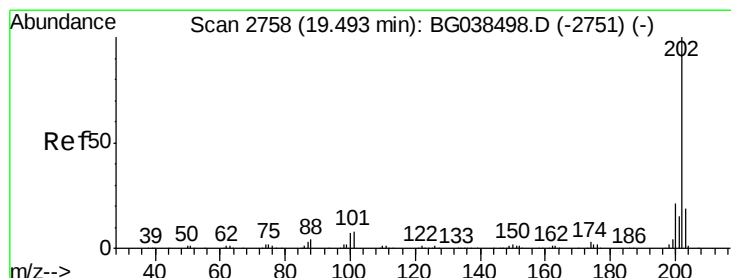
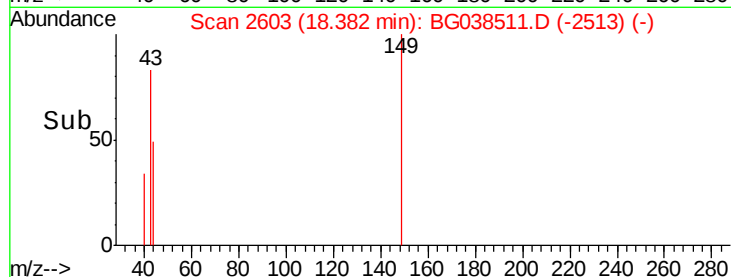
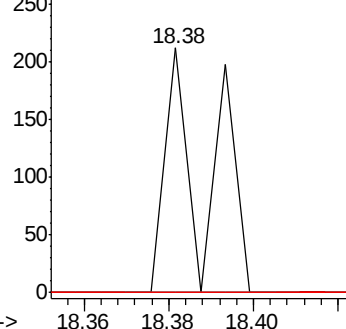
104 0.0 5.0 7.4#



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: 0.214 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

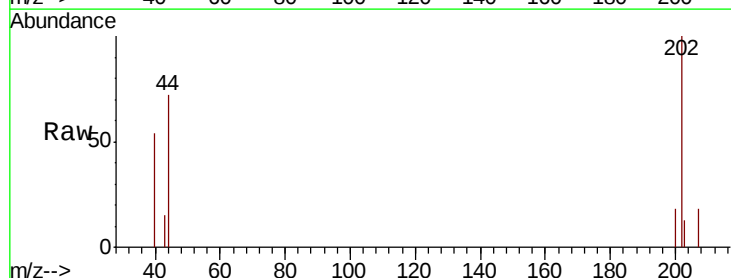
Tgt Ion:202 Resp: 2251

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.1

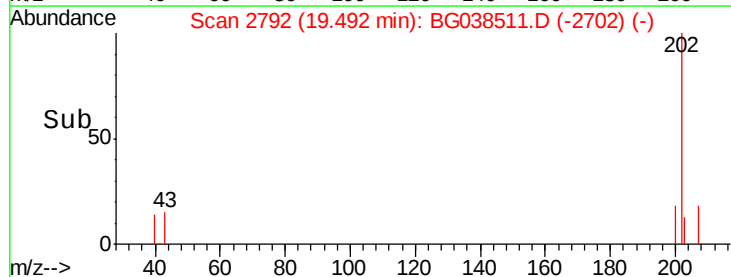
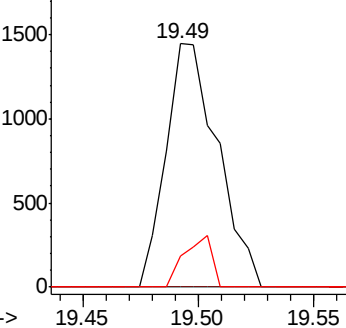
203 12.9 0.0 39.0

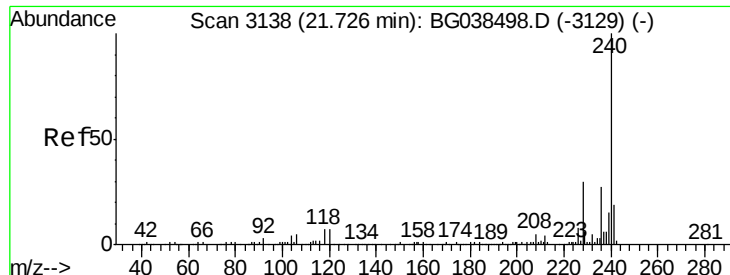


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

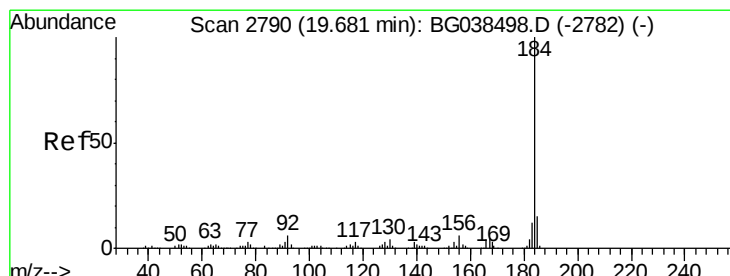
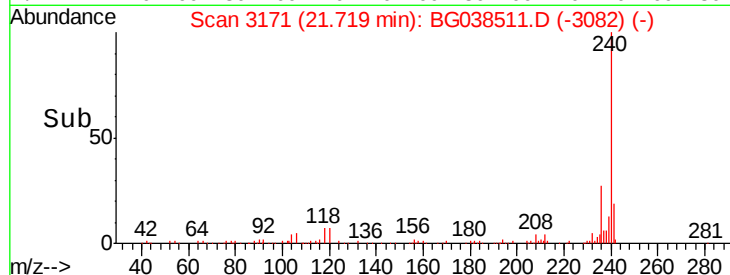
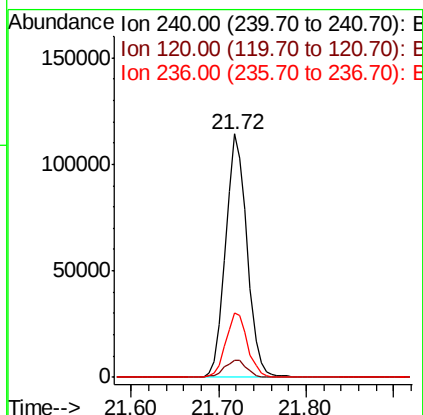
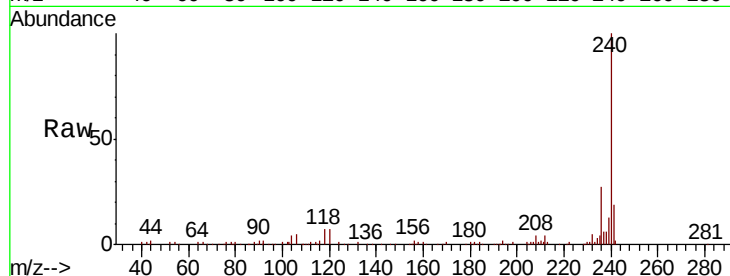




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

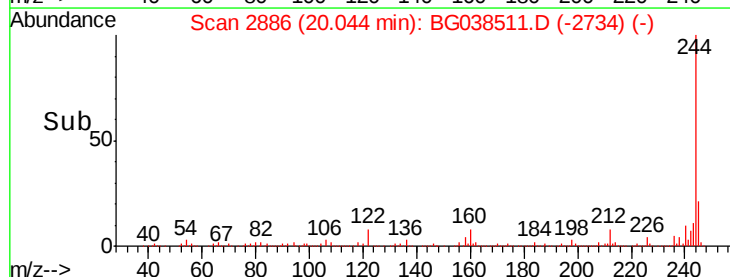
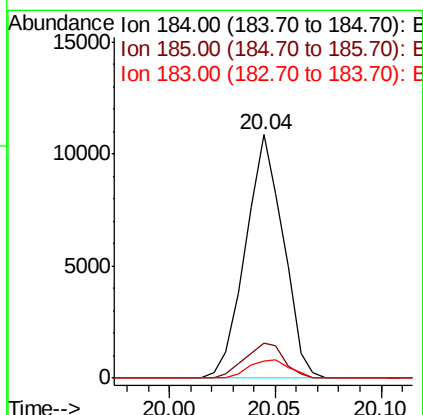
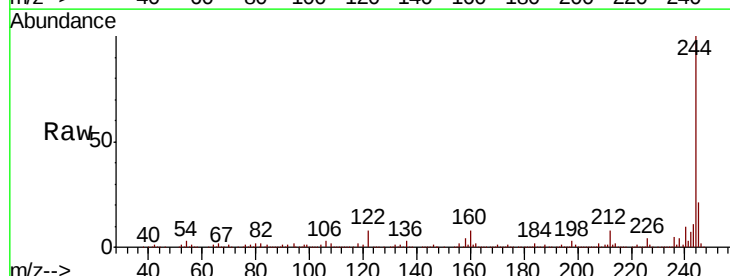
Instrument :
BNA_G
ClientSampleId :
STOCK-PILE-(5PT-COMP)RE

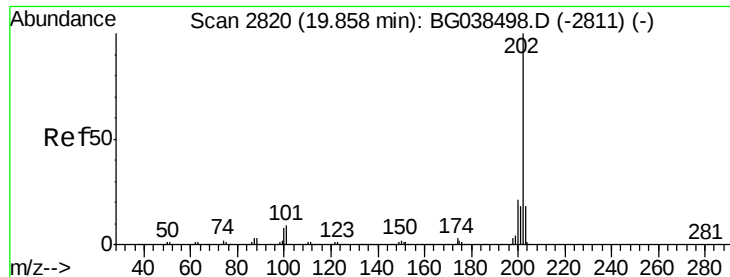
Tgt Ion:240 Resp: 193048
Ion Ratio Lower Upper
240 100
120 7.1 5.3 7.9
236 26.6 21.4 32.2



#77
Benzidine
Concen: 2.361 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038511.D
Acq: 12 Dec 2018 23:22

Tgt Ion:184 Resp: 13479
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.2
183 7.2 9.6 14.4#





#78

Pyrene

Concen: 0.185 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

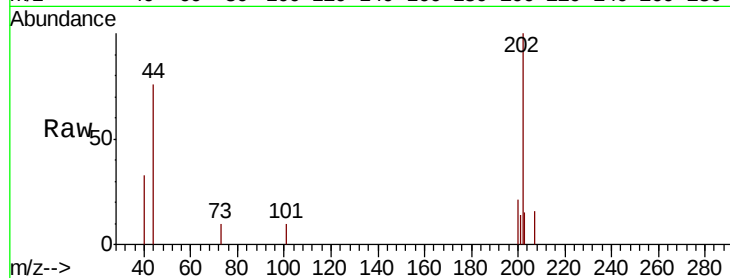
Tgt Ion:202 Resp: 2361

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

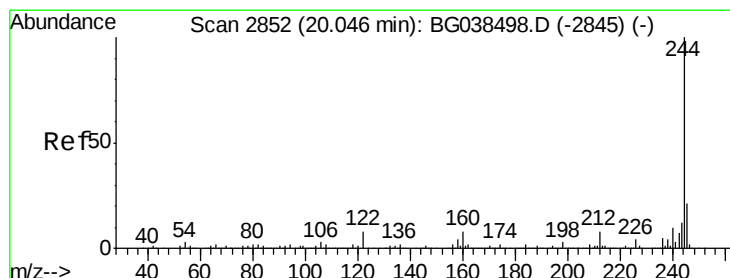
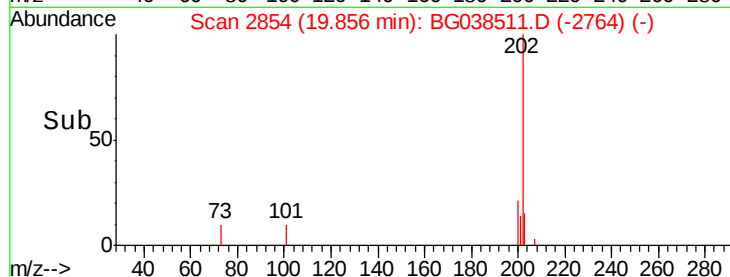
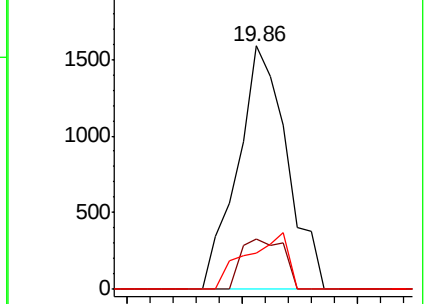
203 14.7 14.6 21.8



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



#79

Terphenyl-d14

Concen: 87.869 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

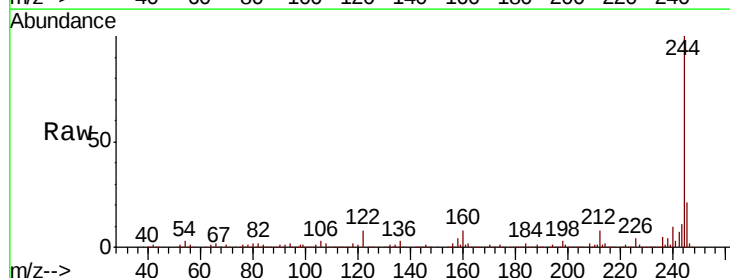
Tgt Ion:244 Resp: 779430

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

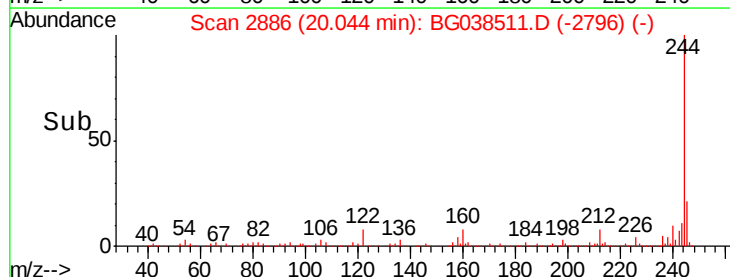
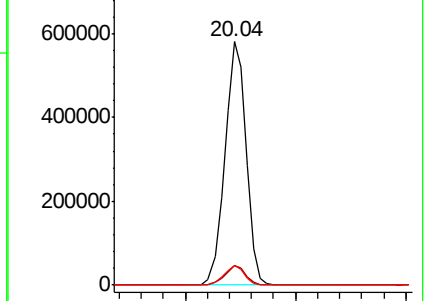
122 8.0 6.3 9.5

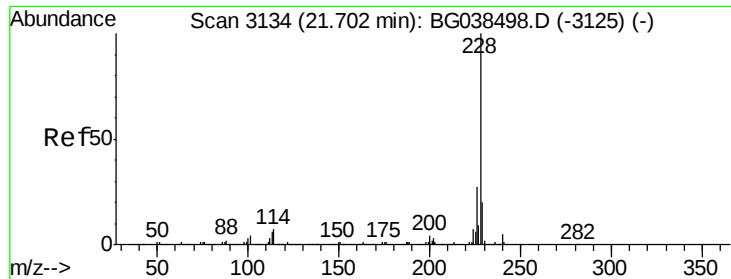


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 0.138 ng

RT: 21.71 min Scan# 3169

Delta R.T. 0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

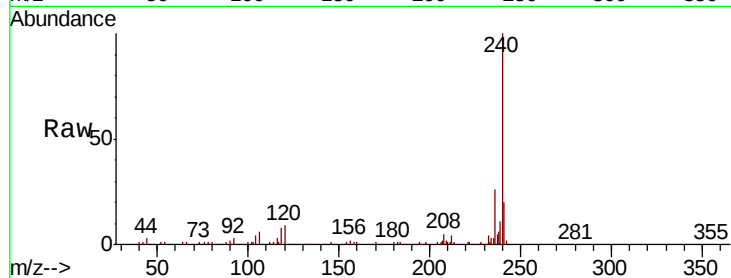
Tgt Ion:228 Resp: 1623

Ion Ratio Lower Upper

228 100

226 19.1 21.8 32.8#

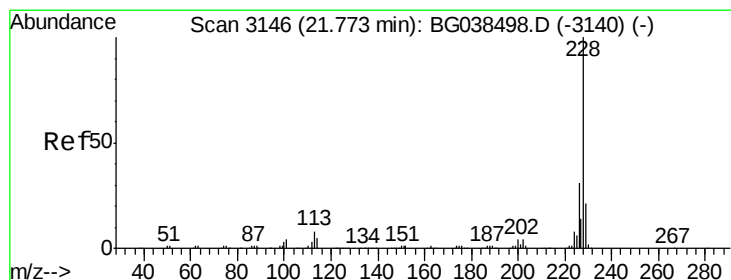
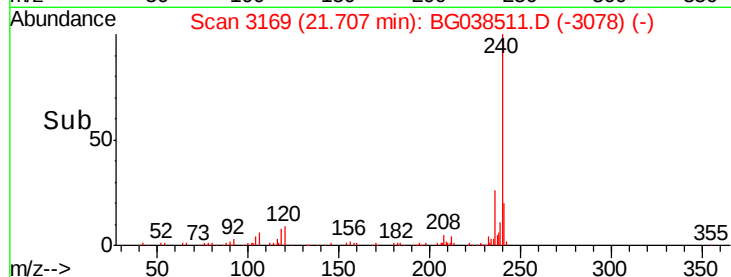
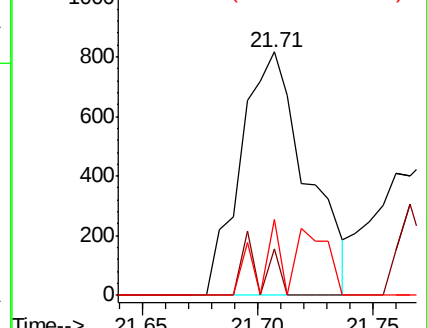
229 31.1 15.8 23.6#



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: 0.073 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

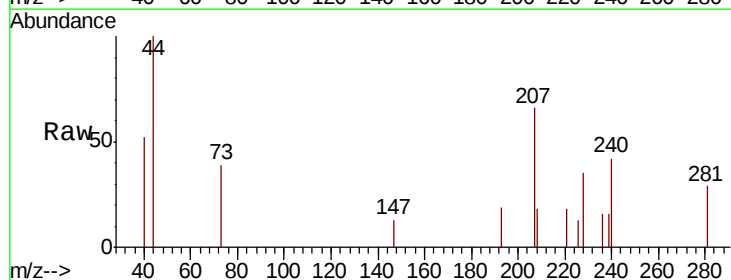
Tgt Ion:228 Resp: 830

Ion Ratio Lower Upper

228 100

226 37.7 25.0 37.4#

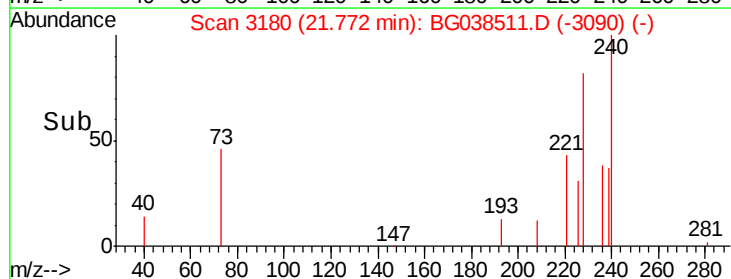
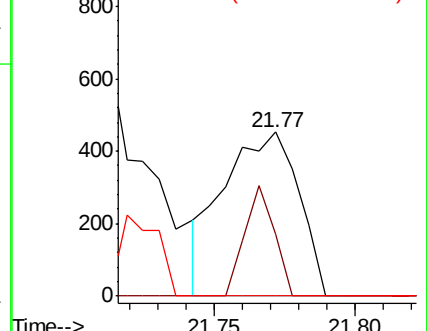
229 0.0 16.5 24.7#

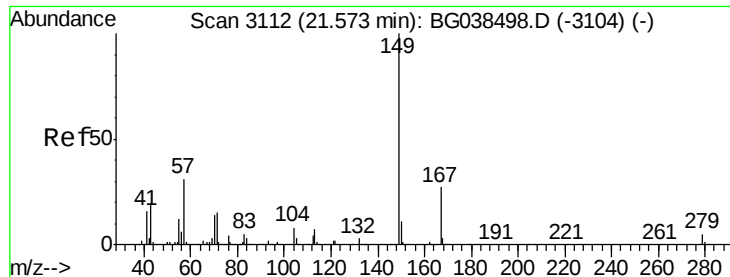


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.053 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

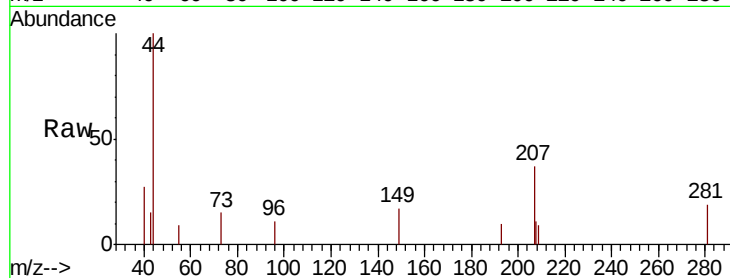
Tgt Ion:149 Resp: 372

Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

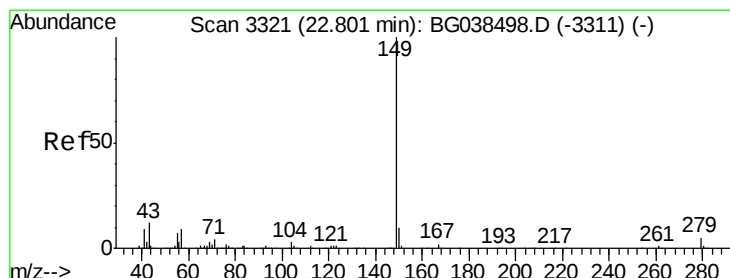
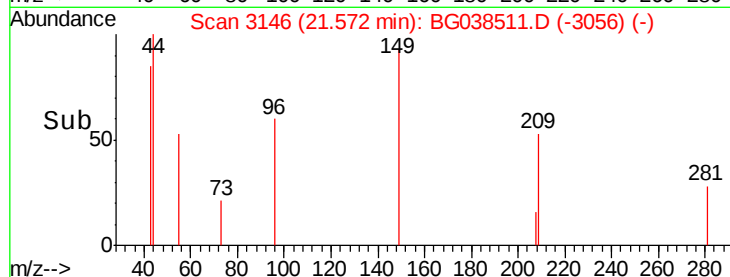
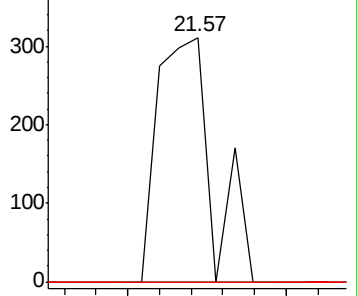
279 0.0 4.2 6.2#



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: 23.13 min Scan# 3411

Delta R.T. 0.33 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

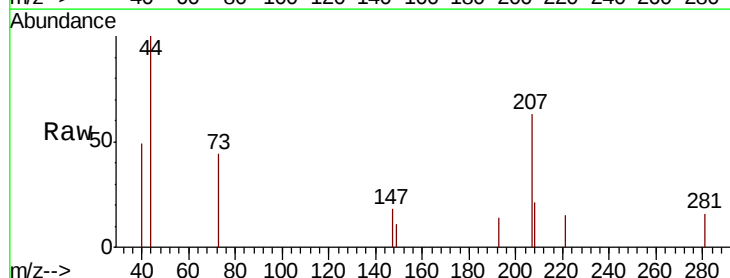
Tgt Ion:149 Resp: 55

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

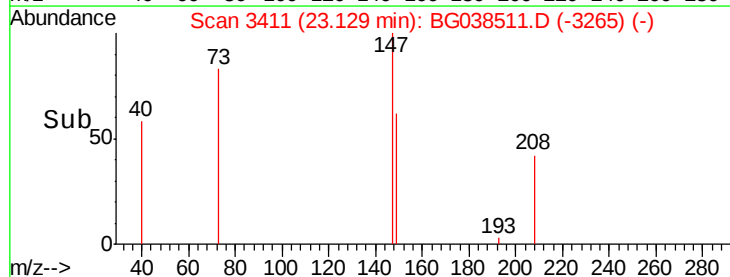
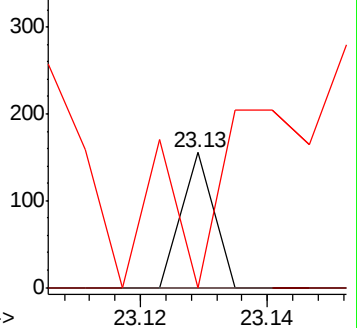
43 0.0 9.3 13.9#

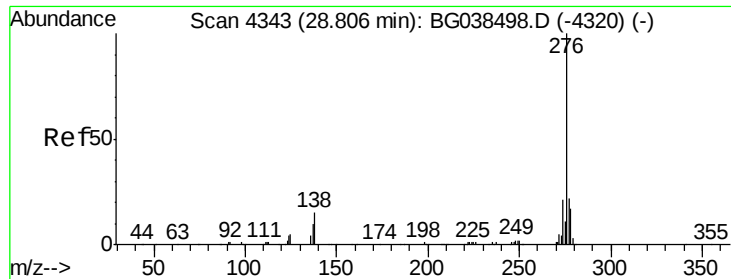


Abundance Ion 149.00 (148.70 to 149.70): E

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: 28.79 min Scan# 4375

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

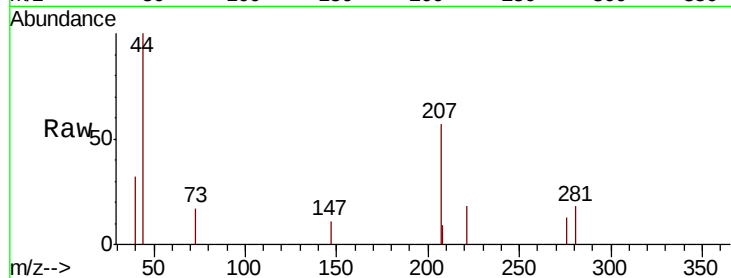
Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

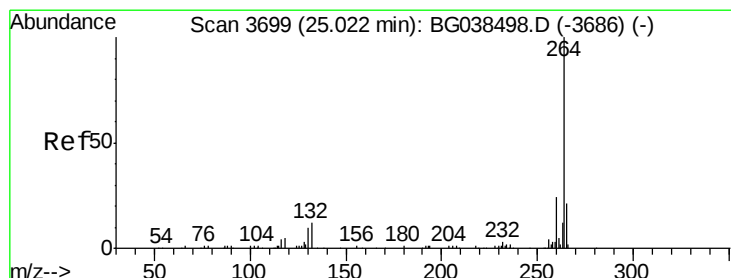
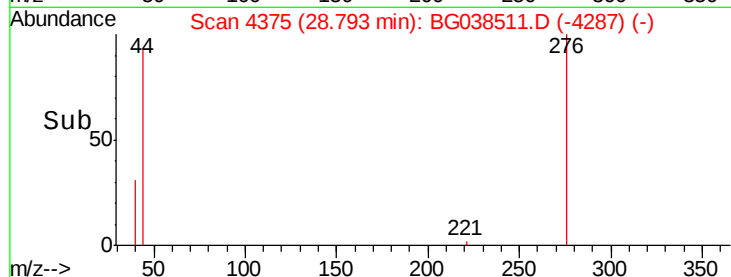
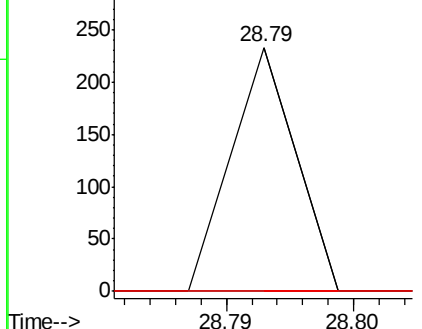
Tgt Ion:	276	Resp:	82
Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.4	21.6#
277	0.0	0.0	0.0



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

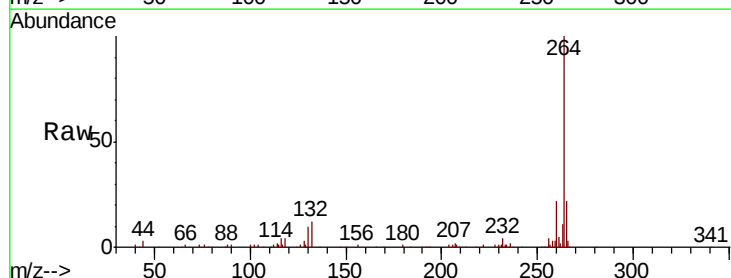
RT: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

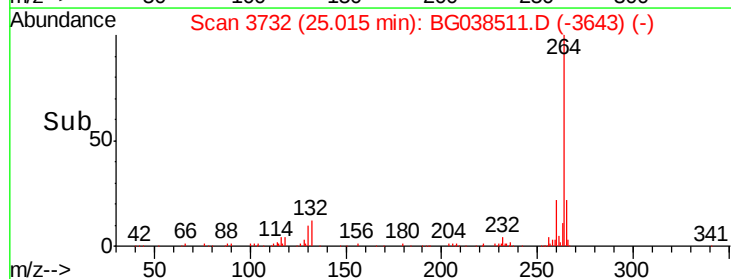
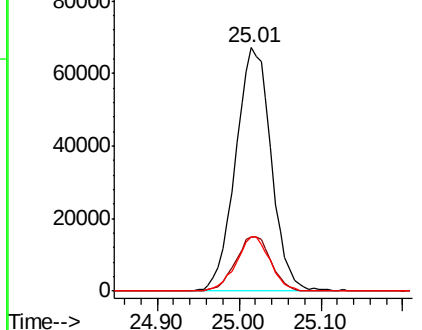
Tgt Ion:	264	Resp:	203245
Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.9	28.3
265	22.4	17.0	25.4

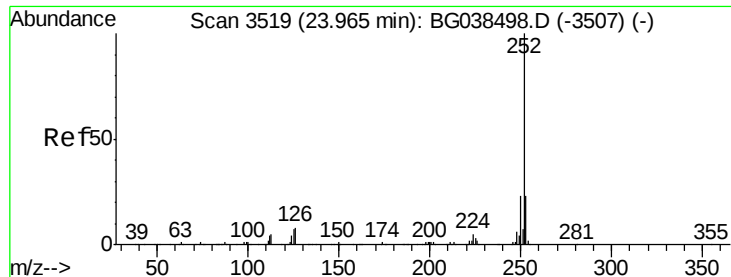


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 0.102 ng

RT: 23.99 min Scan# 3557

Delta R.T. 0.02 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

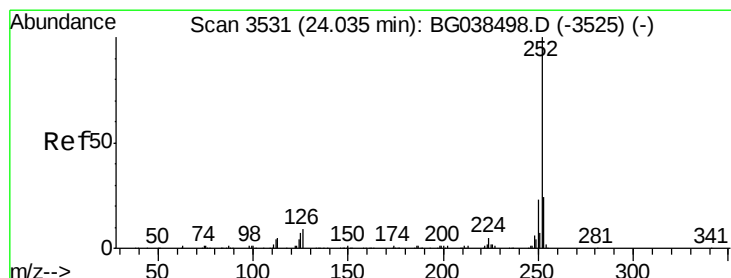
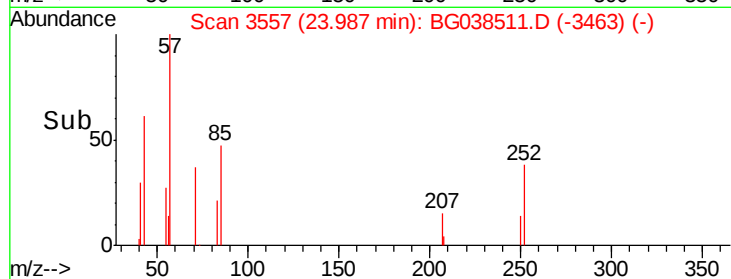
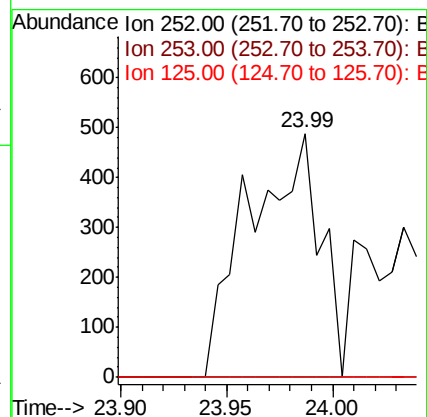
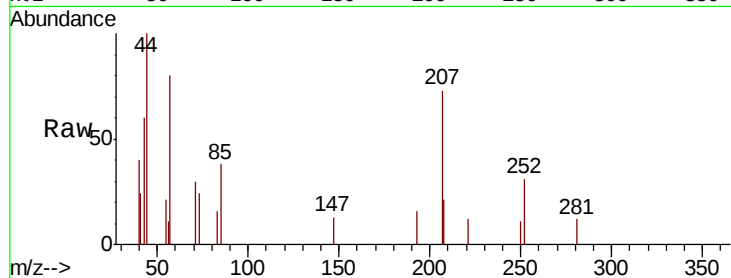
Tgt Ion:252 Resp: 1135

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: 0.024 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

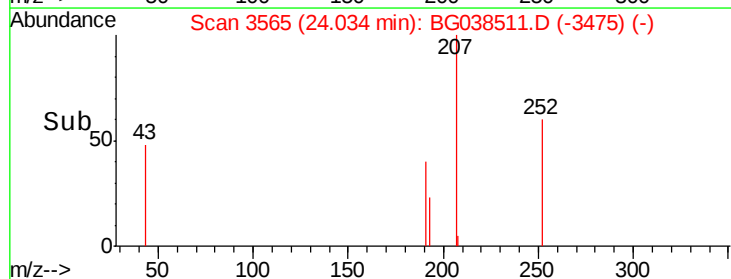
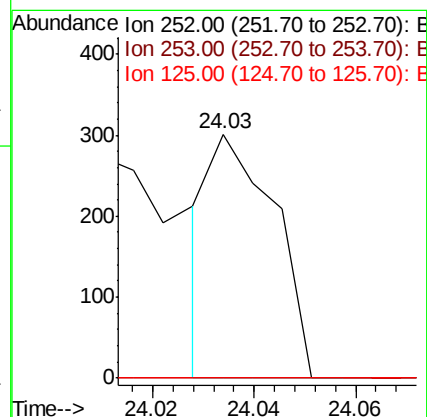
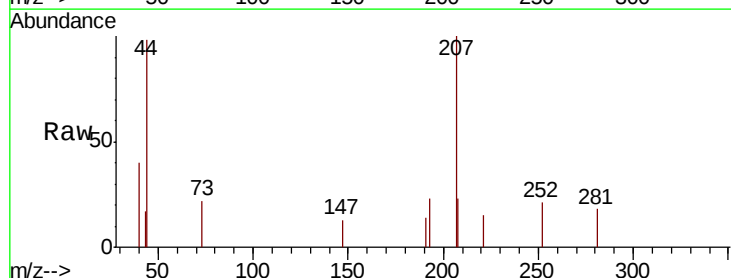
Tgt Ion:252 Resp: 265

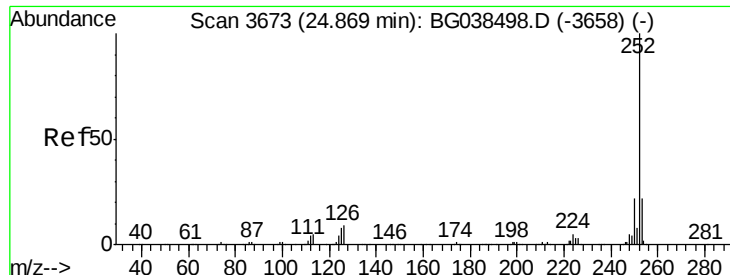
Ion Ratio Lower Upper

252 100

253 0.0 18.9 28.3#

125 0.0 5.4 8.2#





#90

Benzo(a)pyrene

Concen: 0.094 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

Instrument :

BNA_G

ClientSampleId :

STOCK-PILE-(5PT-COMP)RE

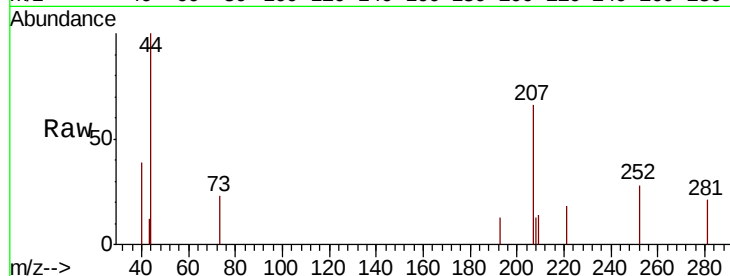
Tgt Ion:252 Resp: 1016

Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.0#

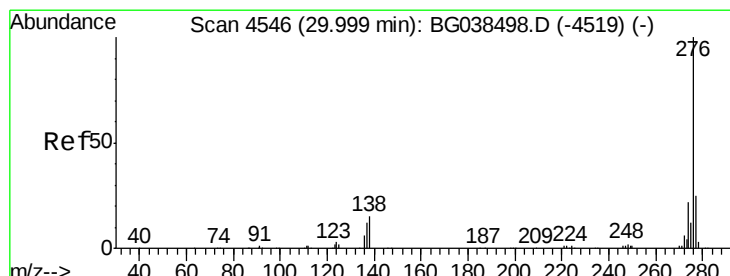
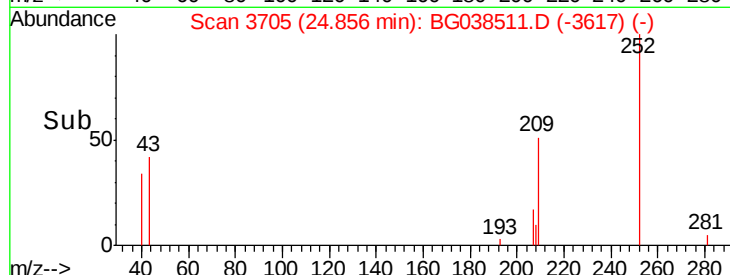
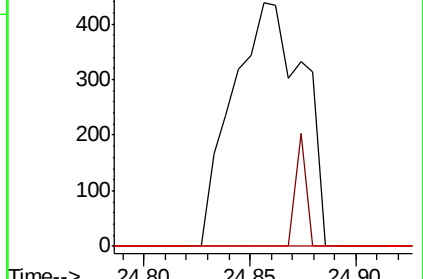
125 0.0 6.4 9.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Benzo(g,h,i)perylene

Concen: 0.039 ng

RT: 29.97 min Scan# 4576

Delta R.T. -0.02 min

Lab File: BG038511.D

Acq: 12 Dec 2018 23:22

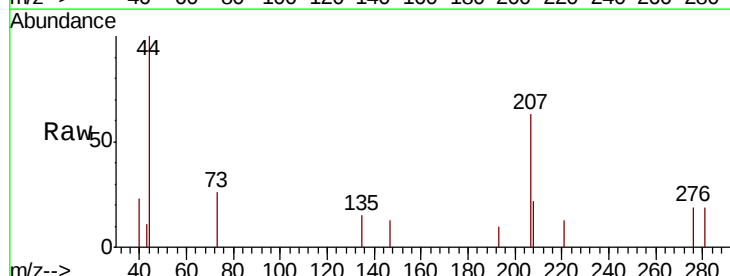
Tgt Ion:276 Resp: 410

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

