

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040464.D
 Acq On : 12 Apr 2019 16:48
 Operator : JU/SJ
 Sample : K2311-11
 Misc : SOIL IDOC
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 22:41:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	45005	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	178330	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	110299	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	286797	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	326888	20.00	ng	-0.04
87) Perylene-d12	24.96	264	334850	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	176291	65.12	ng	-0.02
7) Phenol-d6	7.20	99	168470	45.03	ng	-0.02
23) Nitrobenzene-d5	9.22	82	287296	85.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	178687	149.90	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	635252	85.34	ng	-0.03
79) Terphenyl-d14	20.02	244	1156696	79.60	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	62	0.049	ng	# 1
3) Pyridine	3.93	79	57	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.82	42	497	0.313	ng	# 1
6) Aniline	7.58	93	417	0.086	ng	# 1
9) Benzaldehyde	7.20	77	657	0.256	ng	# 24
10) Phenol	7.22	94	3572	0.880	ng	# 78
11) bis(2-Chloroethyl)ether	7.58	93	417	0.128	ng	# 1
12) 1,3-Dichlorobenzene	8.41	146	55	0.016	ng	# 29
13) 1,4-Dichlorobenzene	8.41	146	55	0.016	ng	# 25
14) 1,2-Dichlorobenzene	8.41	146	55	0.017	ng	# 25
15) Benzyl Alcohol	8.31	79	1102	0.366	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	8.64	45	64	0.010	ng	# 73
17) 2-Methylphenol	8.30	107	543	0.193	ng	# 61
18) Hexachloroethane	9.15	117	80	0.061	ng	# 1
19) n-Nitroso-di-n-propylamine	9.22	70	36773	13.708	ng	# 70
20) 3+4-Methylphenols	8.30	107	330	0.087	ng	# 50
22) Acetophenone	8.87	105	4478	1.007	ng	# 84
24) Nitrobenzene	9.23	77	1014	0.292	ng	# 35
25) Isophorone	9.52	82	644	0.093	ng	# 67
28) bis(2-Chloroethoxy)methane	9.93	93	57	0.014	ng	# 49
31) Naphthalene	10.91	128	133	0.015	ng	# 68
35) Caprolactam	11.92	113	150	0.133	ng	# 50
36) 4-Chloro-3-methylphenol	12.18	107	795	0.244	ng	# 20
46) 1,1'-Biphenyl	13.51	154	1130	0.130	ng	# 47
48) 2-Nitroaniline	13.75	65	53	0.024	ng	# 4
49) Acenaphthylene	14.72	152	53	0.005	ng	# 59
50) Dimethylphthalate	14.12	163	37017	4.288	ng	# 97
51) 2,6-Dinitrotoluene	14.67	165	13517	6.974	ng	# 24
52) Acenaphthene	14.75	154	56	0.009	ng	# 3
53) 3-Nitroaniline	14.57	138	94	0.046	ng	# 2
55) Dibenzofuran	14.70	168	61	0.006	ng	# 47
56) 4-Nitrophenol	14.89	139	130	0.079	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	13517	5.019	ng	# 24
58) Fluorene	16.16	166	9201	1.121	ng	# 82

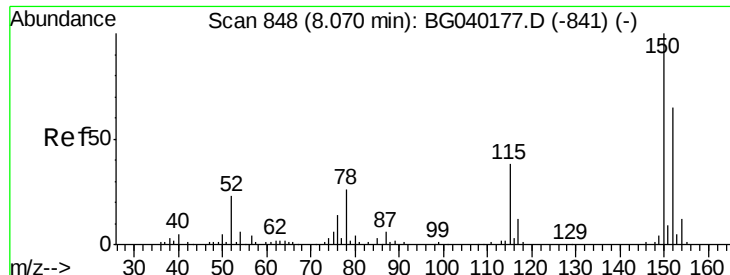
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	15.48	149	2454	0.278	nq	# 89
61) 4-Chlorophenyl-phenylether	15.78	204	53	0.012	nq	# 15
62) 4-Nitroaniline	15.79	138	61	0.028	nq	# 59
63) Azobenzene	16.03	77	1697	0.204	nq	# 36
65) 4,6-Dinitro-2-methylphenol	16.16	198	364	0.226	nq	# 1
66) n-Nitrosodiphenylamine	16.16	169	7219	0.860	nq	# 51
67) 4-Bromophenyl-phenylether	16.17	248	13690	4.242	nq	# 1
69) Atrazine	16.47	200	58	0.019	nq	# 34
71) Phenanthrene	17.47	178	636	0.042	nq	# 35
72) Anthracene	17.56	178	228	0.015	nq	# 23
73) Carbazole	17.83	167	373	0.026	nq	# 16
74) Di-n-butylphthalate	18.36	149	3150	0.186	nq	# 82
75) Fluoranthene	19.29	202	61	0.003	nq	# 63
77) Benzidine	20.02	184	19939	1.689	nq	# 97
78) Pyrene	20.02	202	4955	0.231	nq	# 72
80) Butylbenzylphthalate	20.67	149	143	0.016	nq	# 69
81) Benzo(a)anthracene	21.69	228	1199	0.060	nq	# 77
82) 3,3'-Dichlorobenzidine	21.59	252	69	0.009	nq	# 1
83) Chrysene	21.74	228	66	0.003	nq	# 48
84) Bis(2-ethylhexyl)phthalate	21.54	149	2264	0.172	nq	# 88
85) Di-n-octyl phthalate	22.77	149	287	0.013	nq	# 69
86) Indeno(1,2,3-cd)pyrene	28.75	276	87	0.004	nq	# 36
88) Benzo(b)fluoranthene	23.89	252	56	0.003	nq	# 1
89) Benzo(k)fluoranthene	23.95	252	252	0.013	nq	# 1
90) Benzo(a)pyrene	24.86	252	97	0.005	nq	# 1
91) Dibenzo(a,h)anthracene	28.85	278	59	0.003	nq	# 57

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

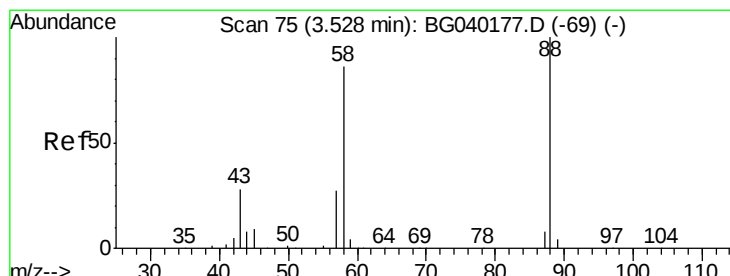
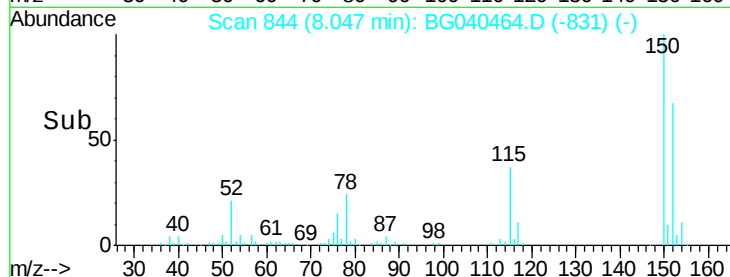
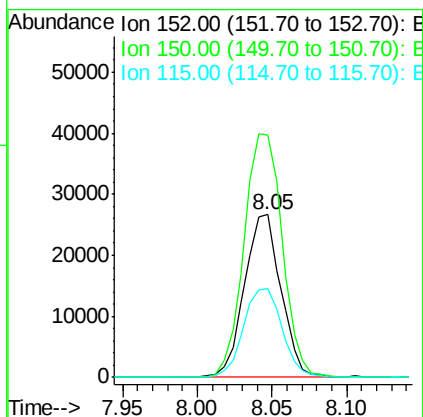
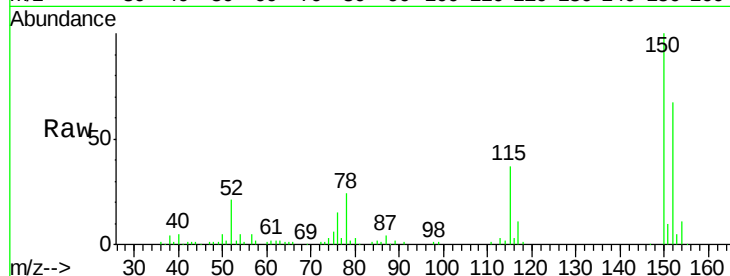


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

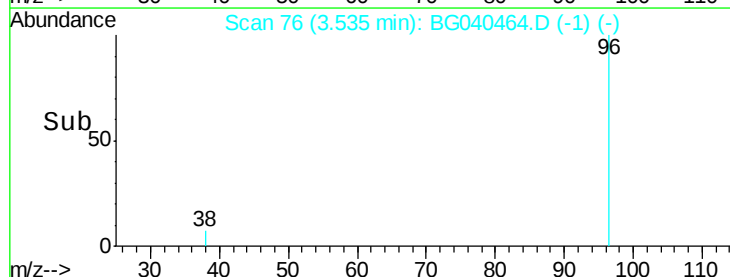
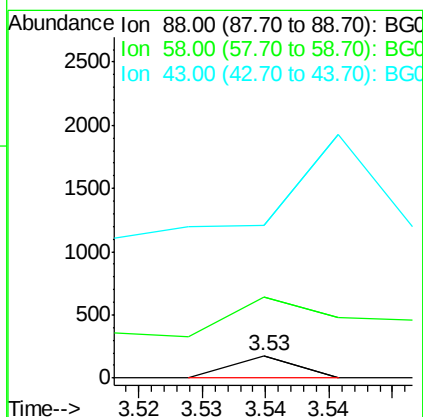
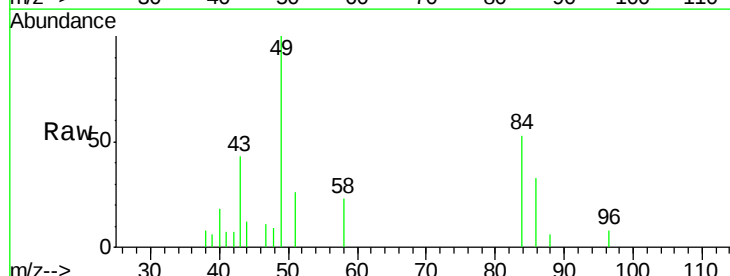
Tot Ion:152 Resp: 45005
Ion Ratio Lower Upper
152 100
150 149.2 123.7 185.5
115 54.9 46.9 70.3

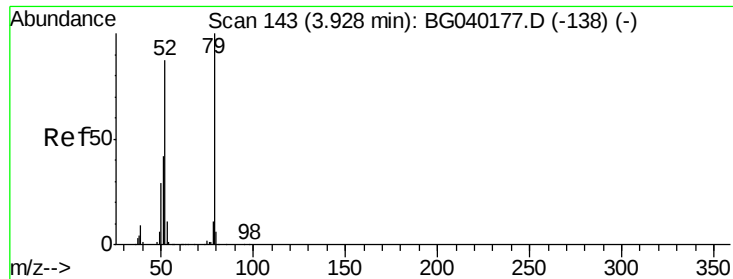


#2

1,4-Dioxane
Concen: 0.049 ng
RT: 3.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
58 493.5 70.6 106.0#
43 717.7 24.8 37.2#





#3

Pvridine

Concen: 0.017 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

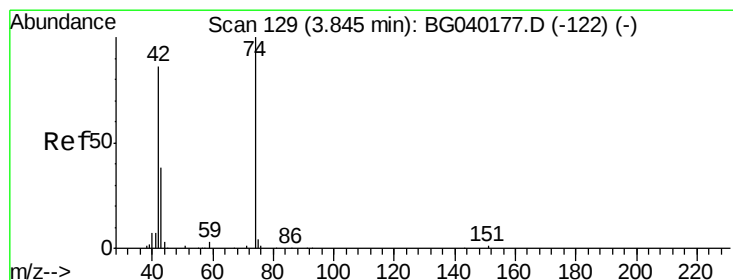
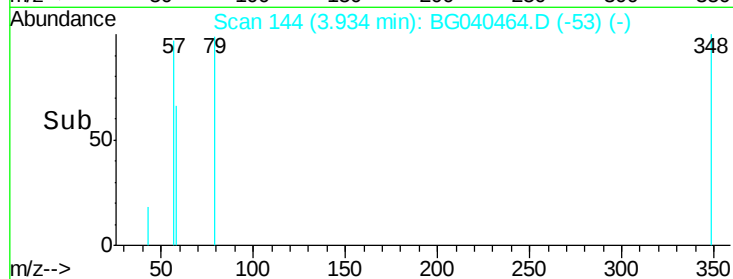
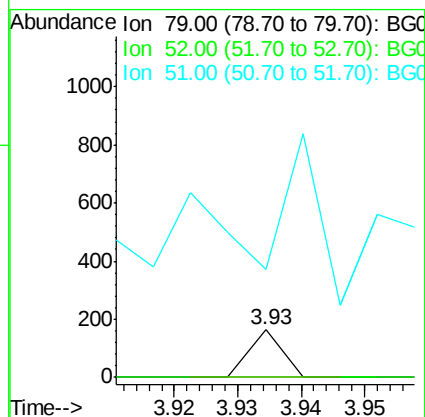
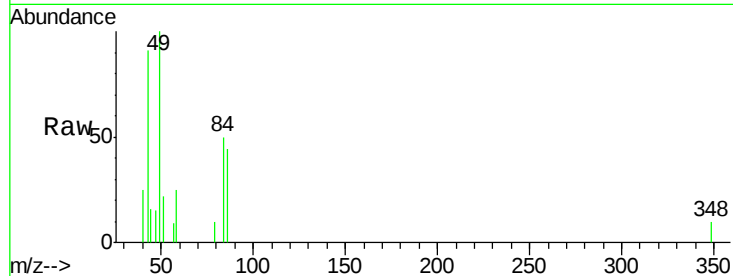
Tot Ion: 79 Resp: 57

Ion Ratio Lower Upper

79 100

52 0.0 69.8 104.8#

51 227.6 33.9 50.9#



#4

n-Nitrosodimethylamine

Concen: 0.313 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

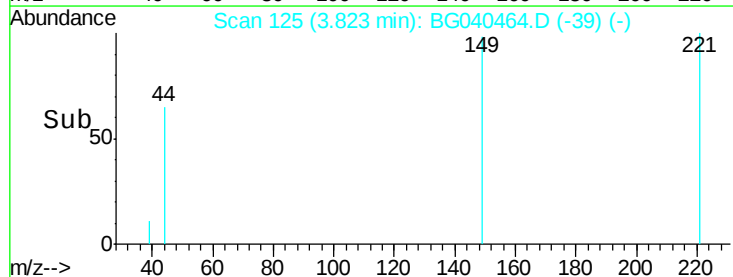
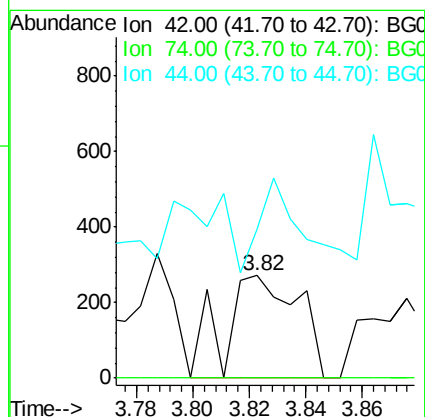
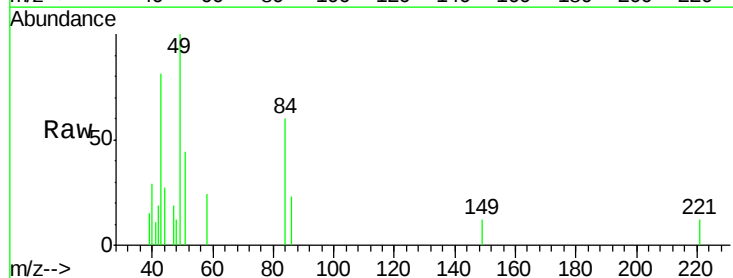
Tgt Ion: 42 Resp: 497

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

44 146.1 9.7 14.5#





#5

2-Fluorophenol

Concen: 65.119 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

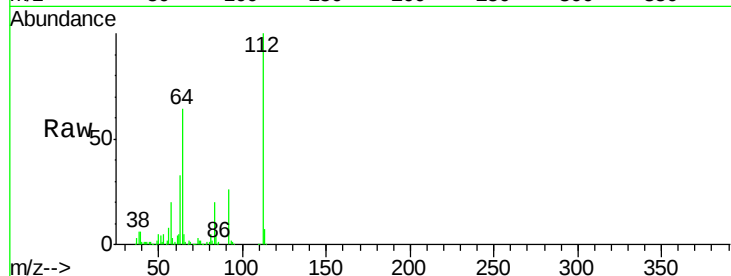
Tot Ion:112 Resp: 176291

Ion Ratio Lower Upper

112 100

64 64.3 54.2 81.2

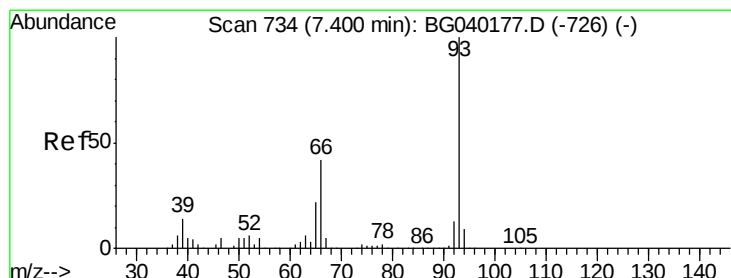
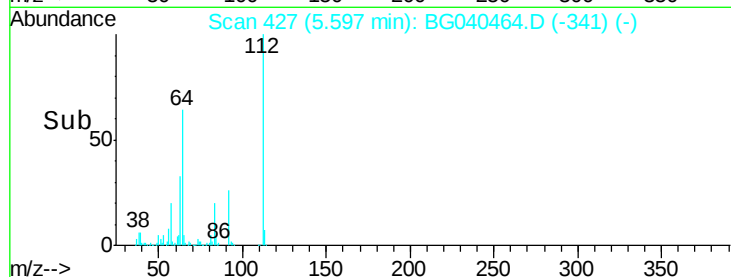
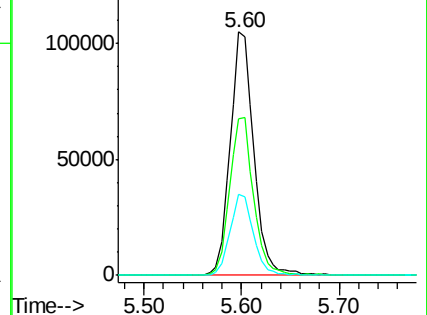
63 33.1 26.4 39.6



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: 0.086 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.18 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

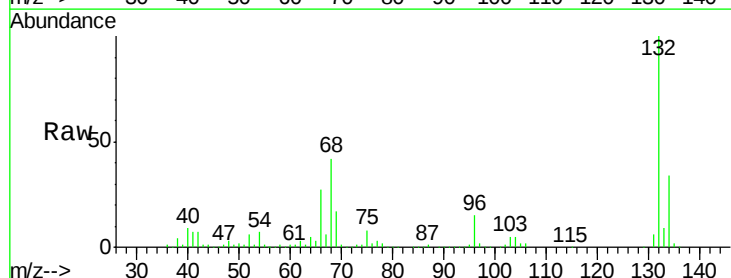
Tgt Ion: 93 Resp: 417

Ion Ratio Lower Upper

93 100

66 14654.7 33.6 50.4#

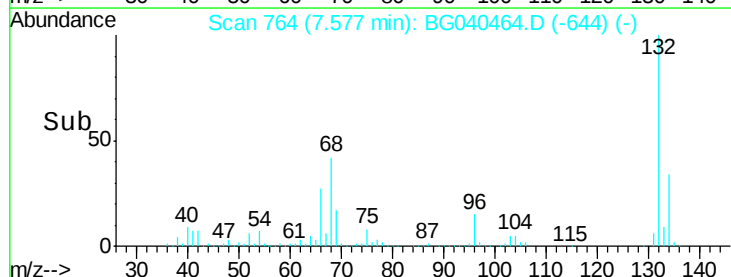
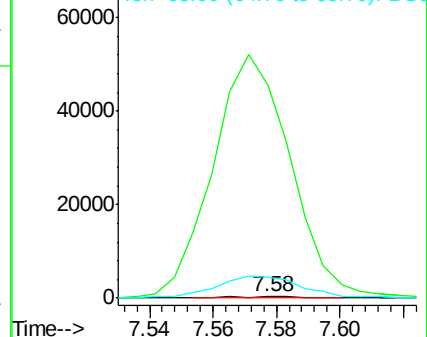
65 1476.5 17.4 26.2#



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: 45.028 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

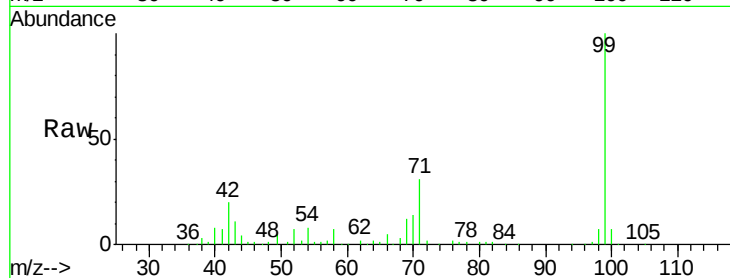
Tot Ion: 99 Resp: 168470

Ion Ratio Lower Upper

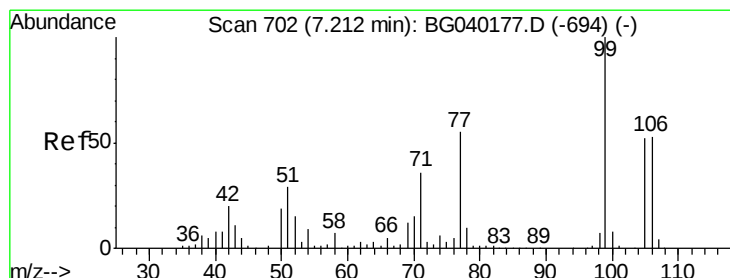
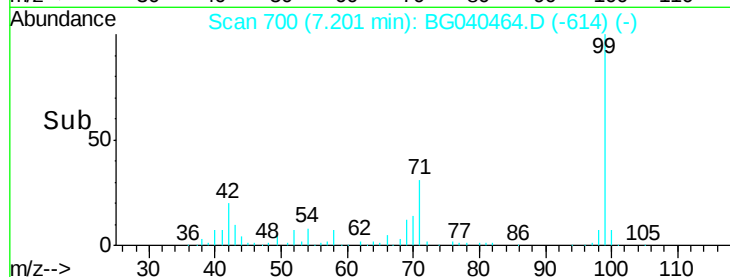
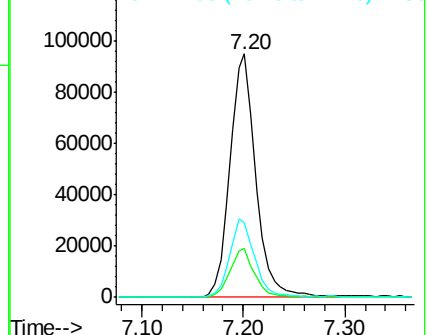
99 100

42 19.9 16.2 24.2

71 30.9 26.8 40.2



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: 0.256 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

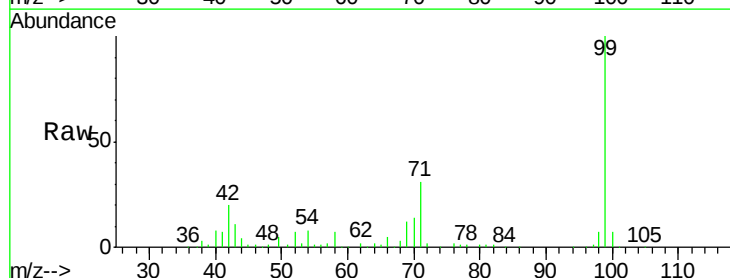
Tgt Ion: 77 Resp: 657

Ion Ratio Lower Upper

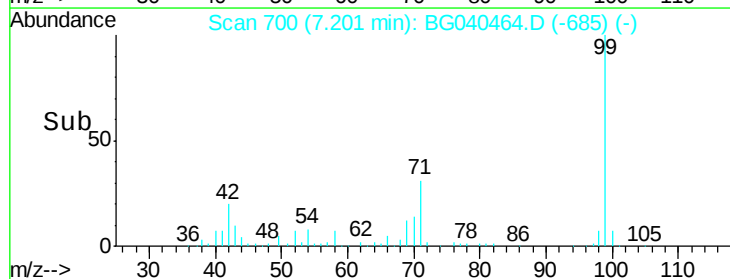
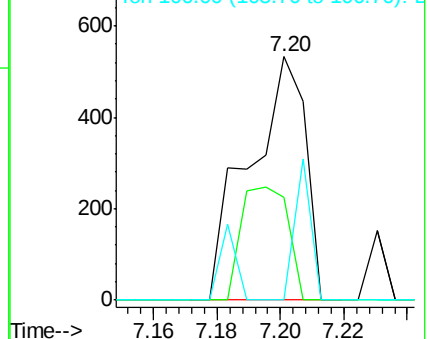
77 100

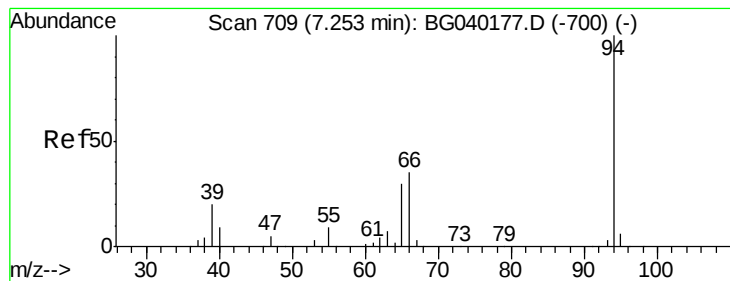
105 42.4 75.0 115.0#

106 0.0 75.7 115.7#



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: 0.880 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

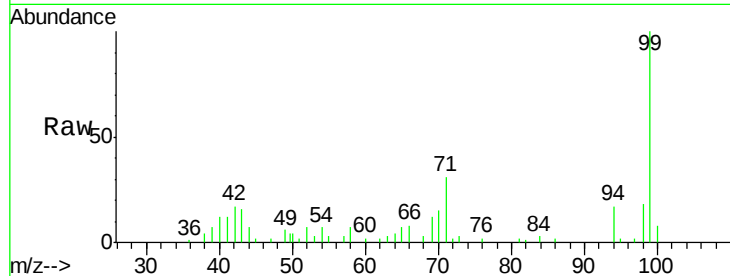
Tot Ion: 94 Resp: 3572

Ion Ratio Lower Upper

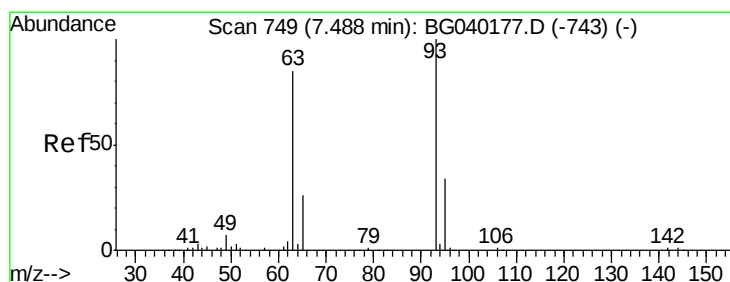
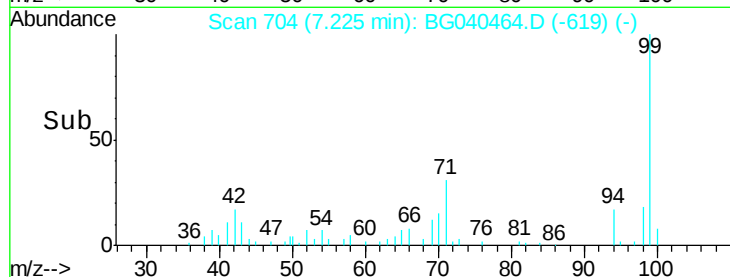
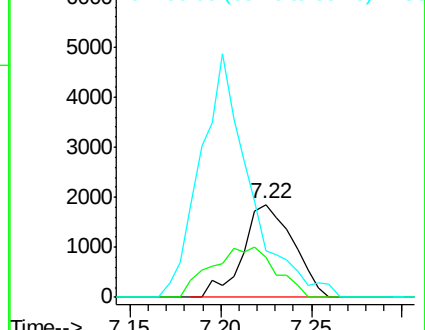
94 100

65 42.9 10.5 50.5

66 49.5 16.9 56.9



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: 0.128 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.09 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

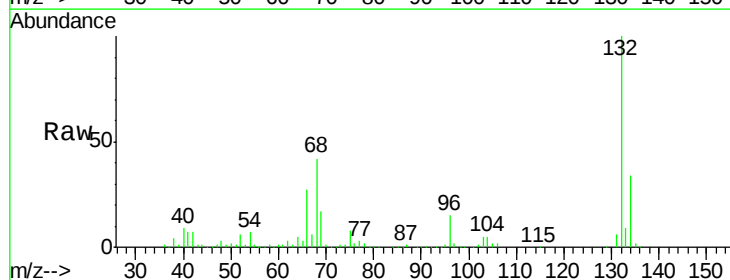
Tgt Ion: 93 Resp: 417

Ion Ratio Lower Upper

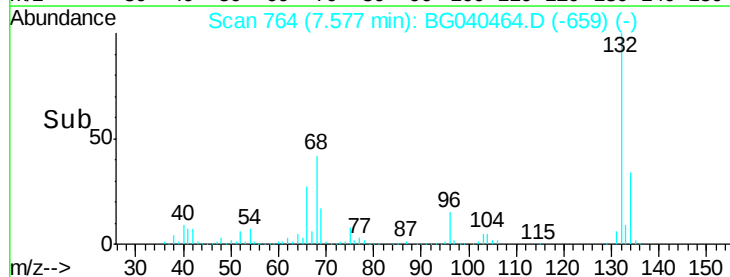
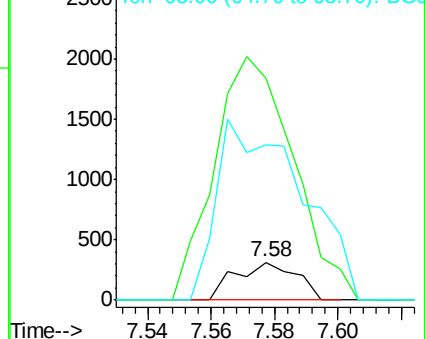
93 100

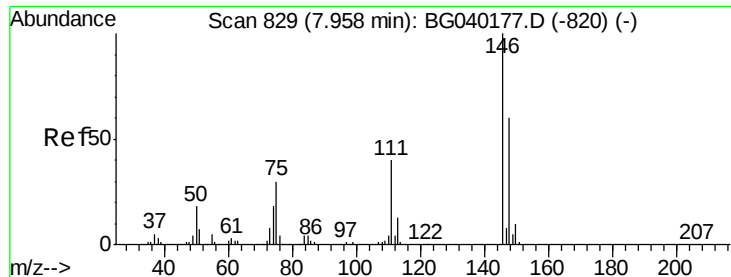
63 592.0 64.2 104.2#

95 412.9 14.0 54.0#



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





#12

1,3-Dichlorobenzene

Concen: 0.016 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.45 min

Lab File: BG040464.D

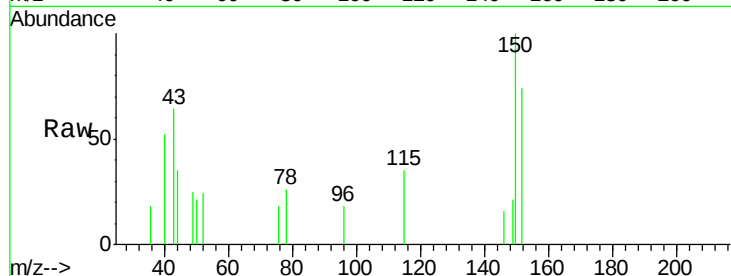
Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

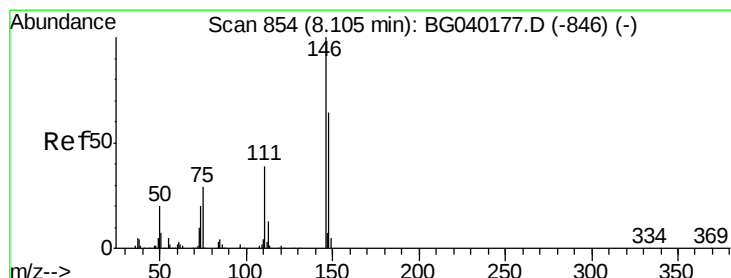
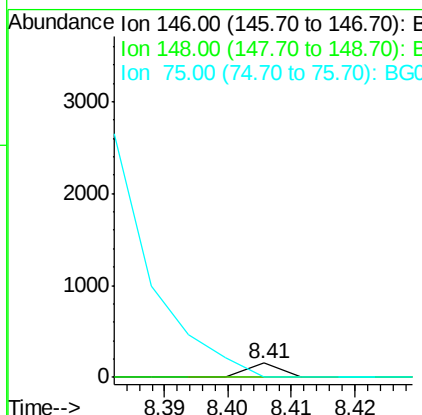
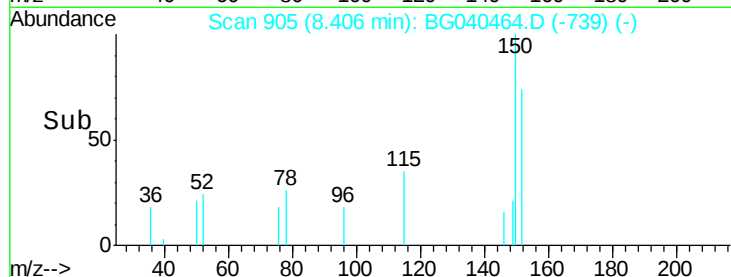
Tot Ion:146	Resp:	55
Ion Ratio	Lower	Upper
146	100	
148	0.0	48.2 72.2#
75	0.0	24.1 36.1#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): B



#13

1,4-Dichlorobenzene

Concen: 0.016 ng

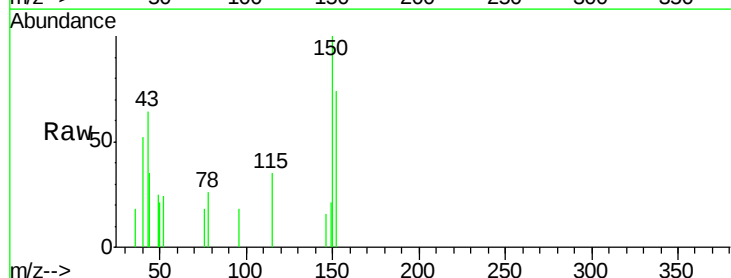
RT: 8.41 min Scan# 905

Delta R.T. 0.30 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

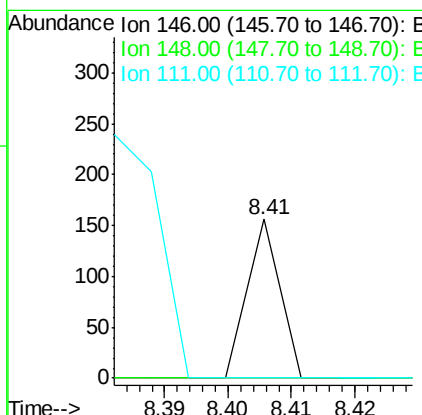
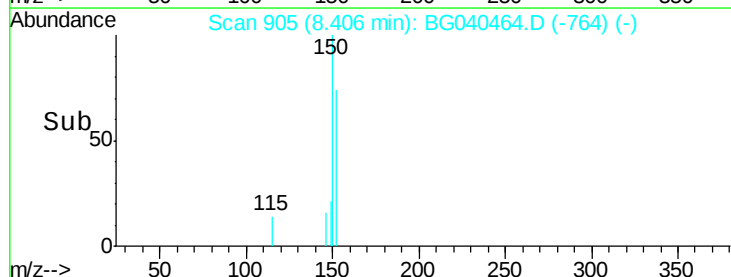
Tgt Ion:146	Resp:	55
Ion Ratio	Lower	Upper
146	100	
148	0.0	51.0 76.4#
111	0.0	31.8 47.6#

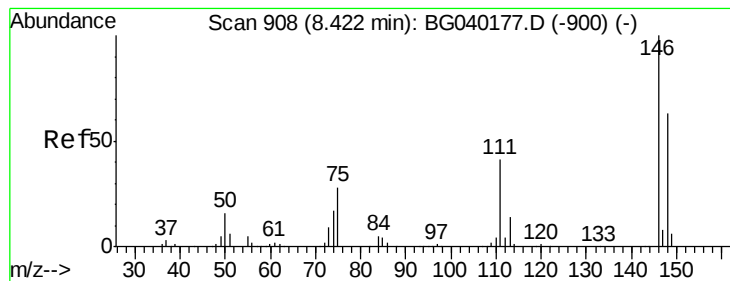


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

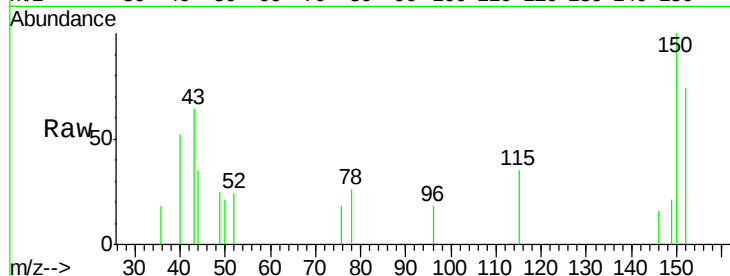




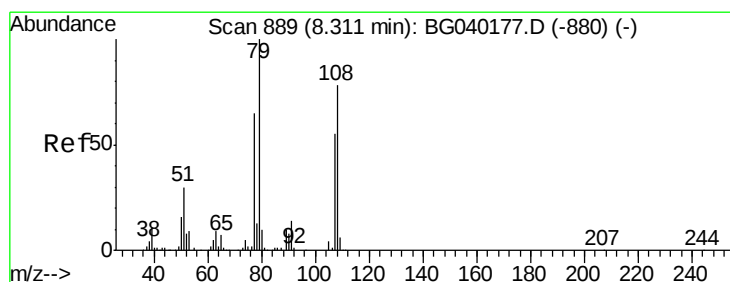
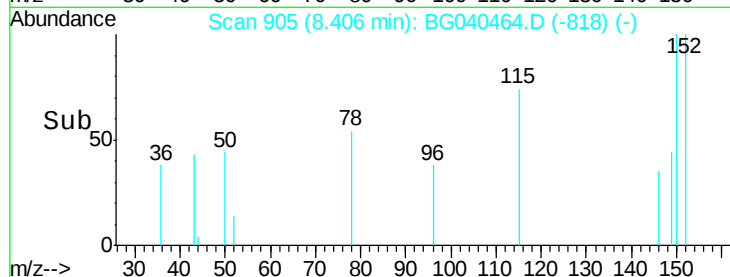
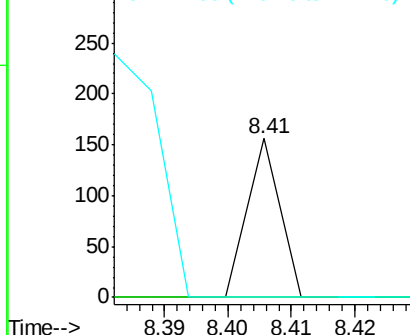
#14
 1,2-Dichlorobenzene
 Concen: 0.017 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 55
 Ion Ratio Lower Upper
 146 100
 148 0.0 50.8 76.2#
 111 0.0 33.4 50.0#

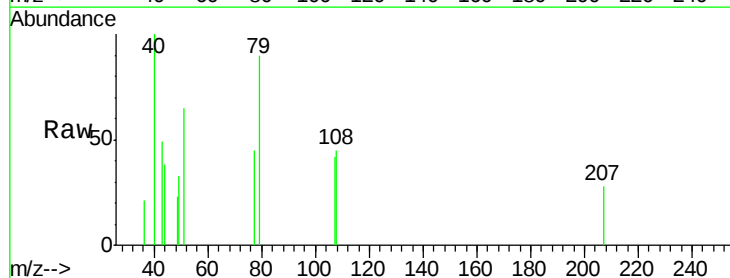


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

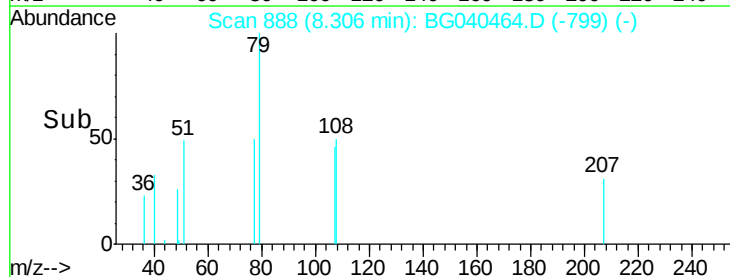
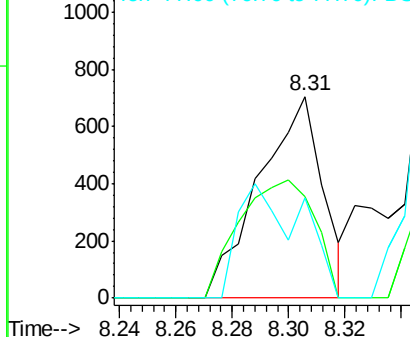


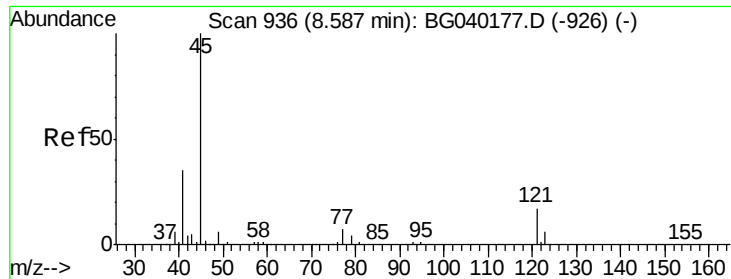
#15
 Benzyl Alcohol
 Concen: 0.366 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

Tgt Ion: 79 Resp: 1102
 Ion Ratio Lower Upper
 79 100
 108 50.2 62.1 93.1#
 77 49.9 51.9 77.9#



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

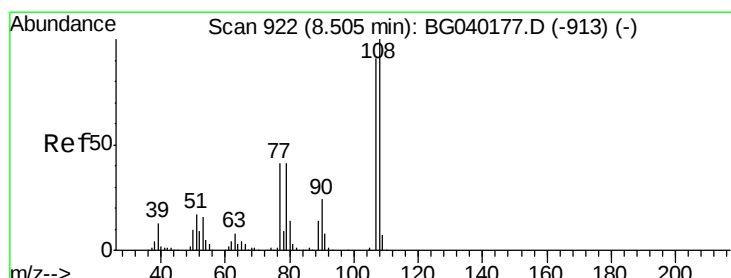
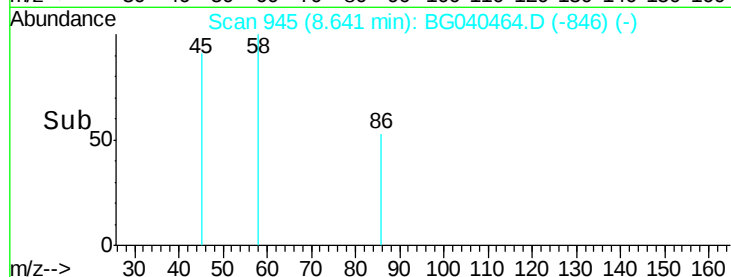
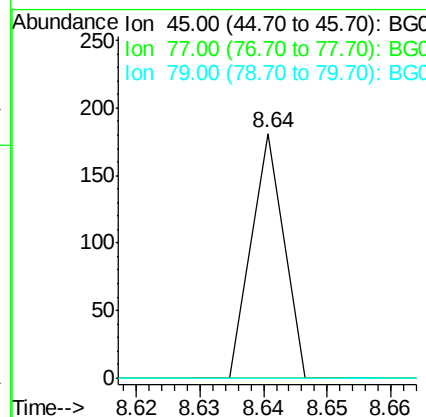
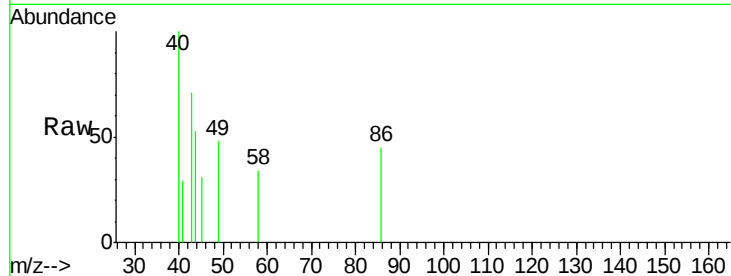




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.010 ng
RT: 8.64 min Scan# 945
Delta R.T. 0.05 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

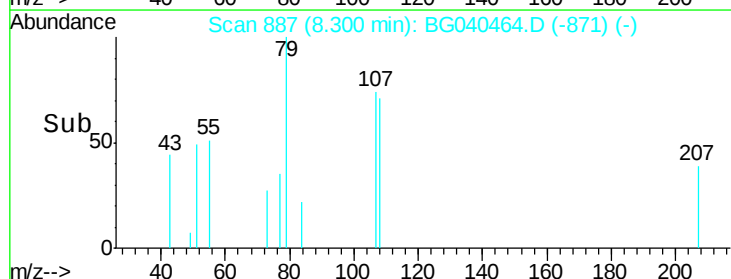
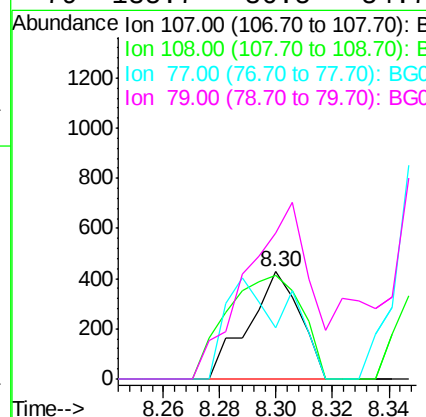
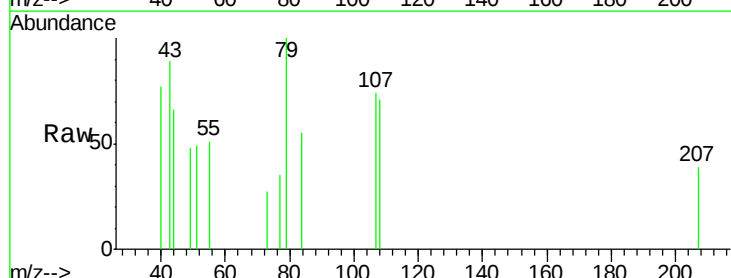
Instrument :
BNA_G
ClientSampled :

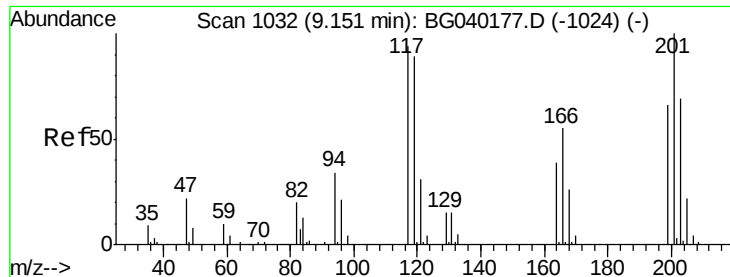
Tot Ion: 45 Resp: 64
Ion Ratio Lower Upper
45 100
77 0.0 0.0 31.4
79 0.0 0.0 28.3



#17
2-Methylphenol
Concen: 0.193 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.20 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:107 Resp: 543
Ion Ratio Lower Upper
107 100
108 96.7 88.2 132.4
77 47.4 36.6 55.0
79 135.7 36.5 54.7#

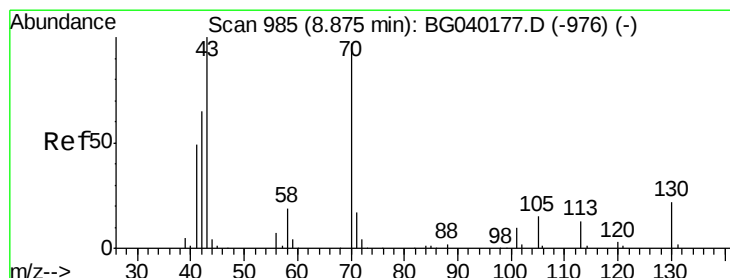
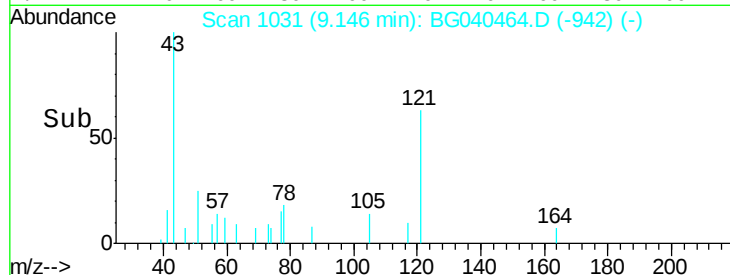
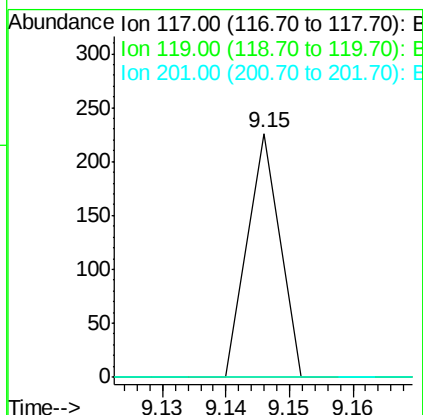
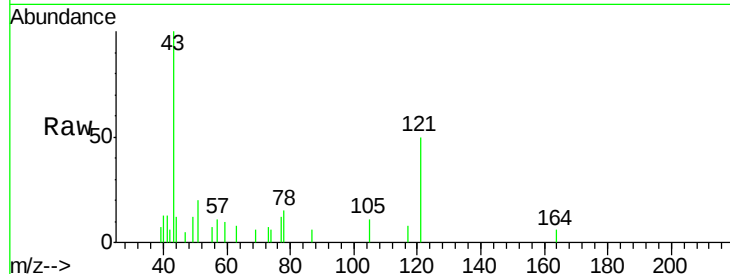




#18
Hexachloroethane
Concen: 0.061 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

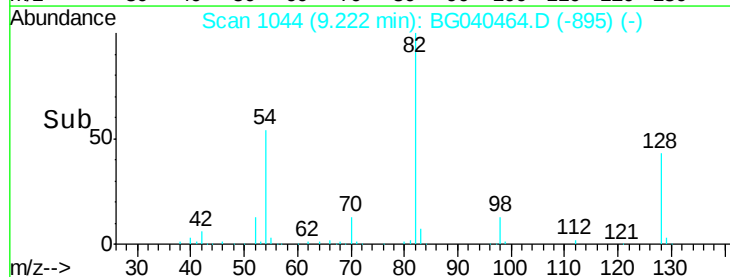
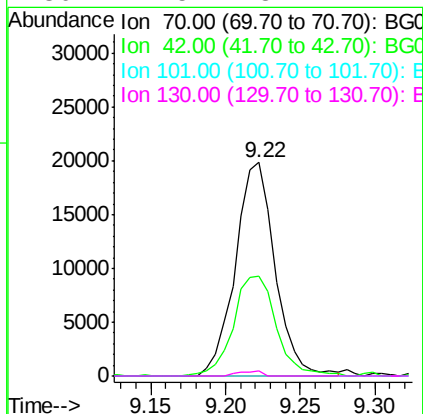
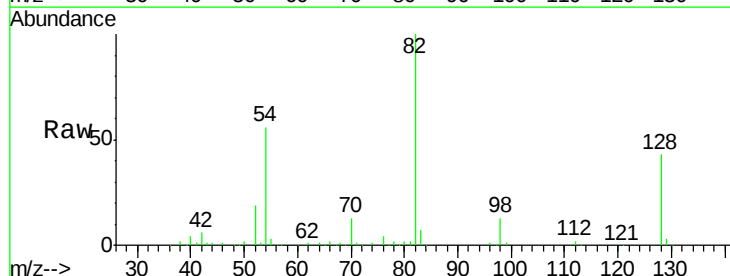
Instrument :
BNA_G
ClientSampleId :

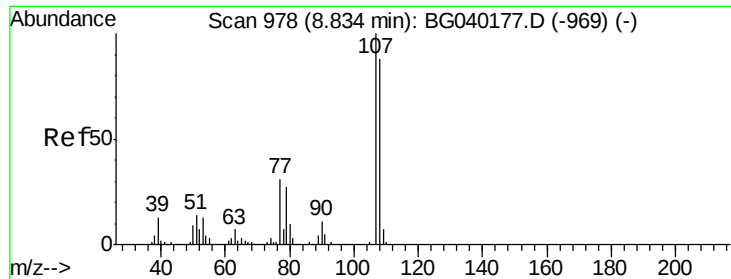
Tot Ion:117 Resp: 80
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
201 0.0 85.0 127.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.708 ng
RT: 9.22 min Scan# 1044
Delta R.T. 0.35 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion: 70 Resp: 36773
Ion Ratio Lower Upper
70 100
42 46.8 54.0 81.0#
101 0.0 8.6 13.0#
130 2.5 18.2 27.2#





#20

3+4-Methylphenols

Concen: 0.087 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.53 min

Lab File: BG040464.D

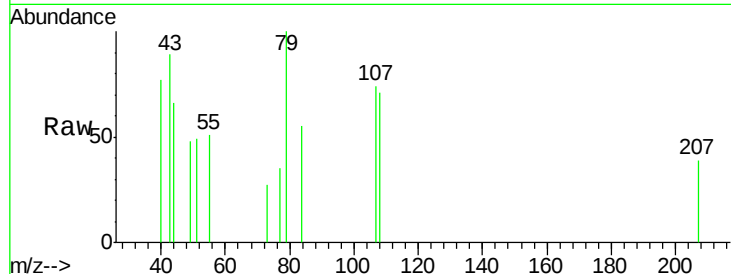
Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107	Resp:	330
Ion Ratio	Lower	Upper
107	100	
108	96.7	68.3 108.3
77	47.4	11.3 51.3
79	135.7	7.3 47.3#

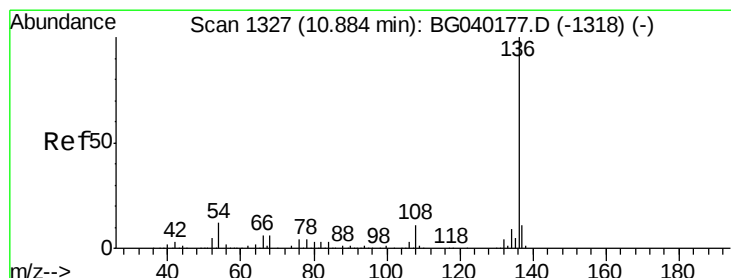
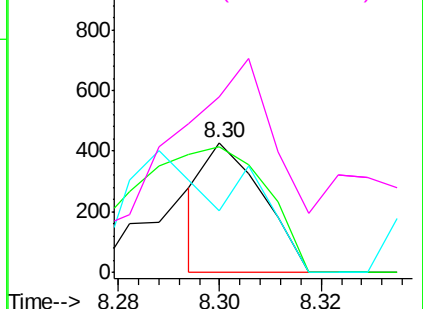
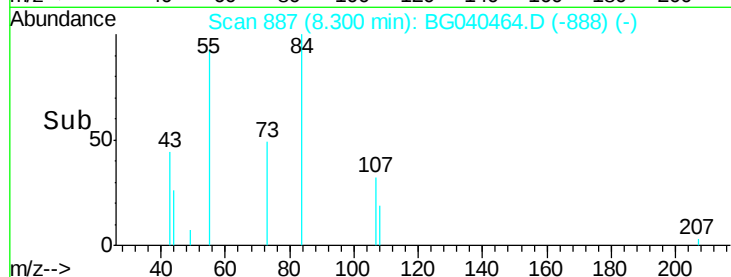


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

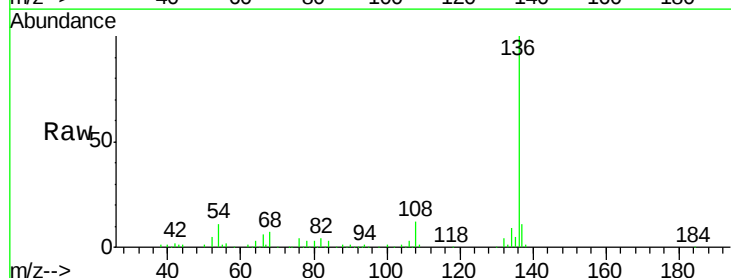
RT: 10.86 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Tgt Ion:136	Resp:	178330
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	10.7	9.6 14.4
68	6.8	5.1 7.7

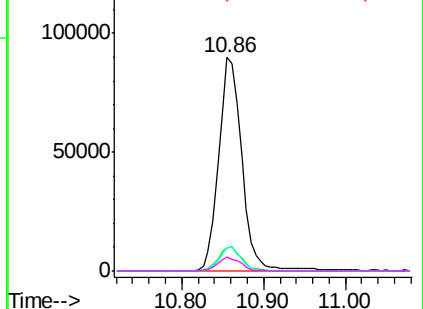
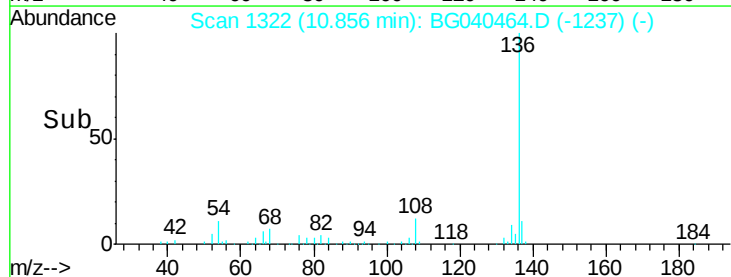


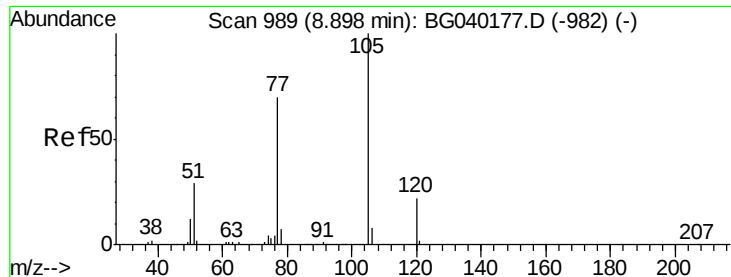
Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.007 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

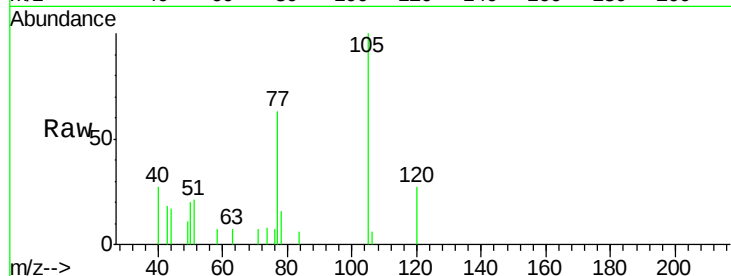
Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :



Tot Ion:105 Resp: 4478

Ion Ratio Lower Upper

105 100

71 7.2 0.6 1.0#

51 20.7 25.1 37.7#

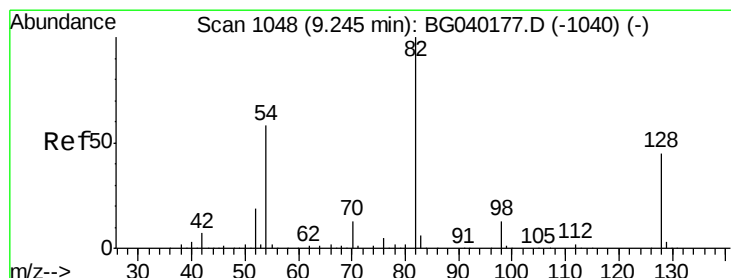
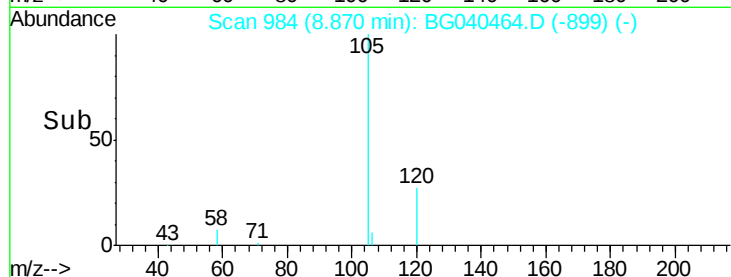
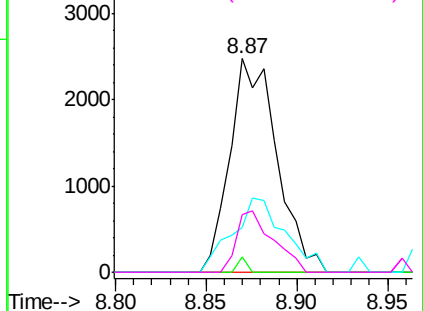
120 27.3 17.6 26.4#

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: 85.632 ng

RT: 9.22 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Tgt Ion: 82 Resp: 287296

Ion Ratio Lower Upper

82 100

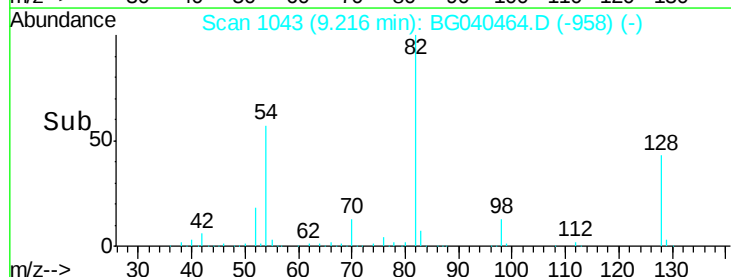
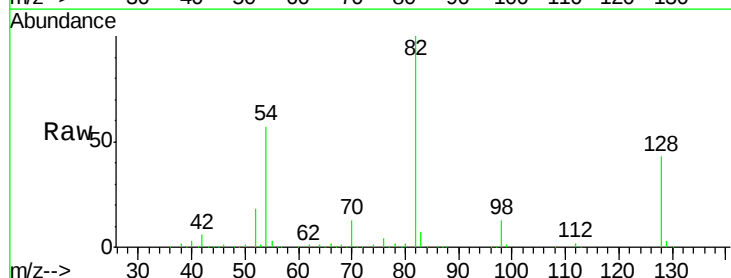
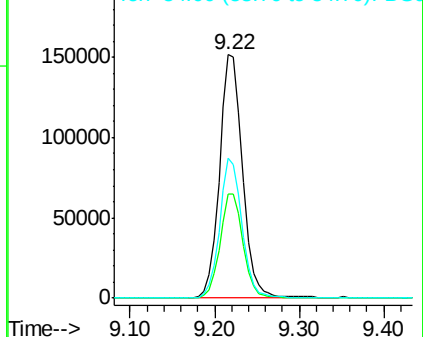
128 42.9 35.8 53.8

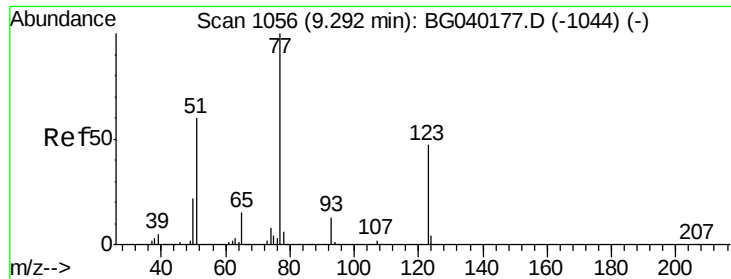
54 57.3 46.2 69.2

Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

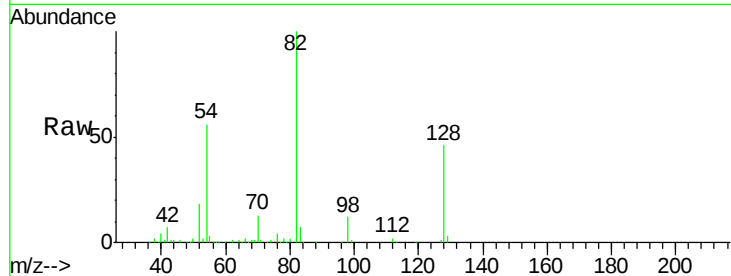




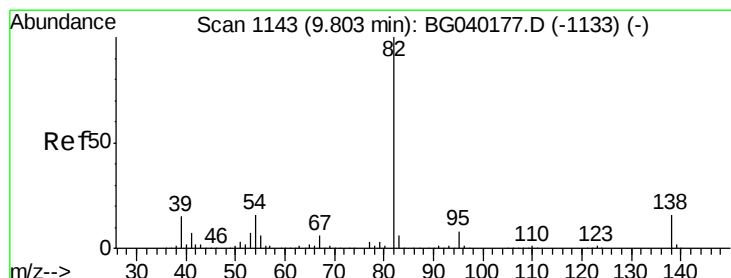
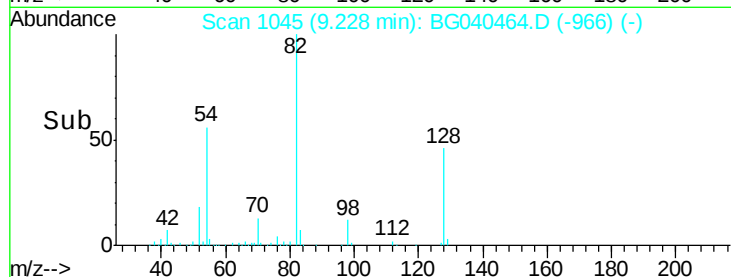
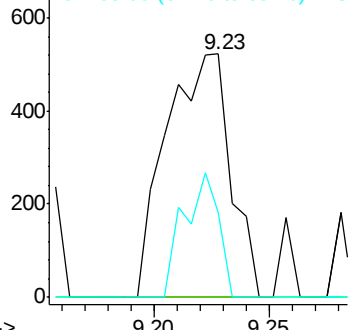
#24
Nitrobenzene
Concen: 0.292 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.06 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 1014
Ion Ratio Lower Upper
77 100
123 0.0 37.8 56.6#
65 35.0 12.0 18.0#

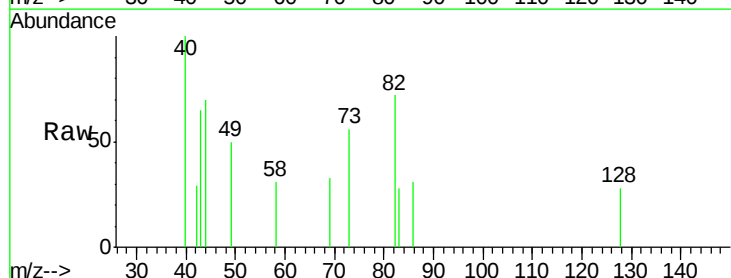


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

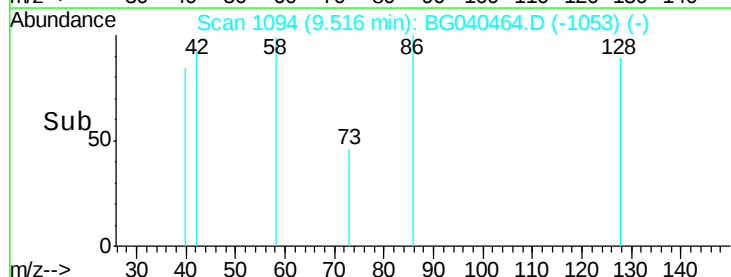
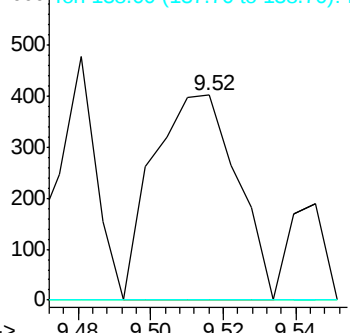


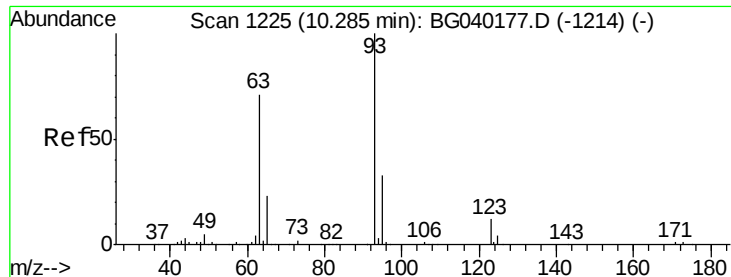
#25
Isophorone
Concen: 0.093 ng
RT: 9.52 min Scan# 1094
Delta R.T. -0.29 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion: 82 Resp: 644
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.2 19.8#



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

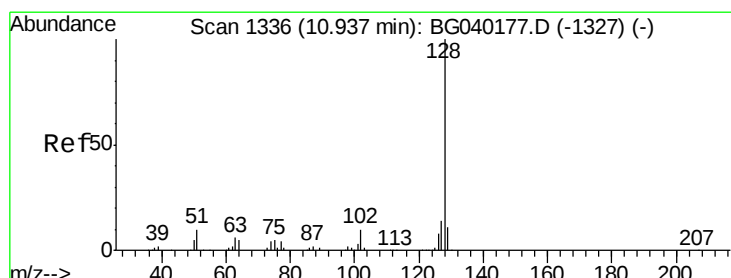
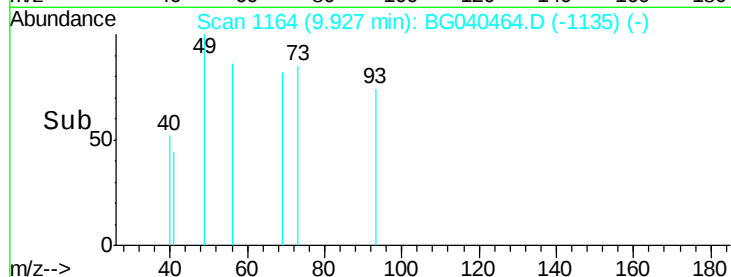
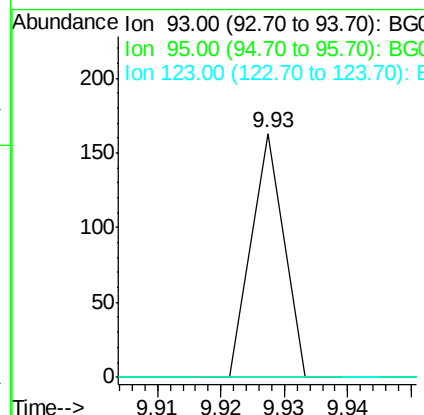
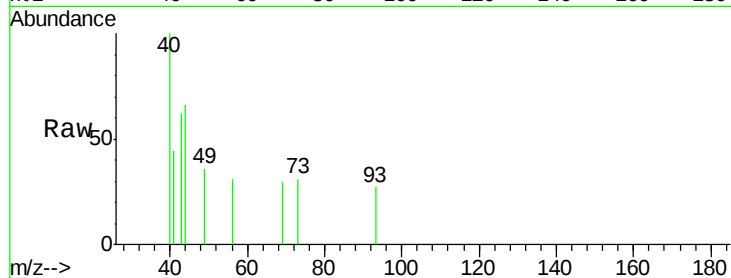




#28
bis(2-Chloroethoxy)methane
Concen: 0.014 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.36 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

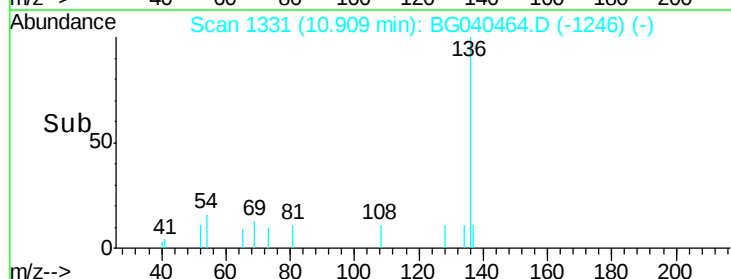
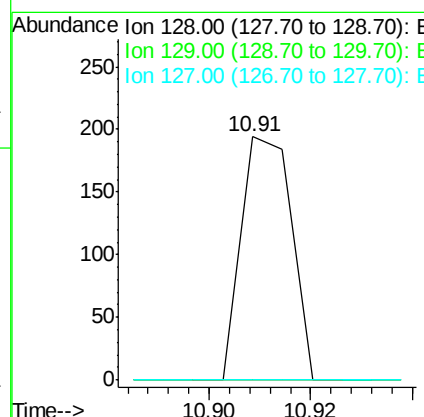
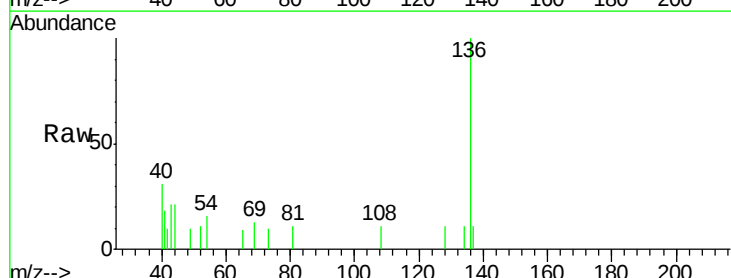
Instrument :
BNA_G
ClientSampleId :

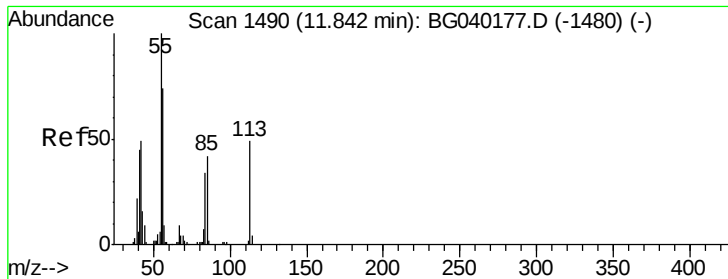
Tot Ion: 93 Resp: 57
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.4 14.0#



#31
Naphthalene
Concen: 0.015 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:128 Resp: 133
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 11.4 17.0#





#35

Caprolactam

Concen: 0.133 ng

RT: 11.92 min Scan# 1503

Delta R.T. 0.08 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

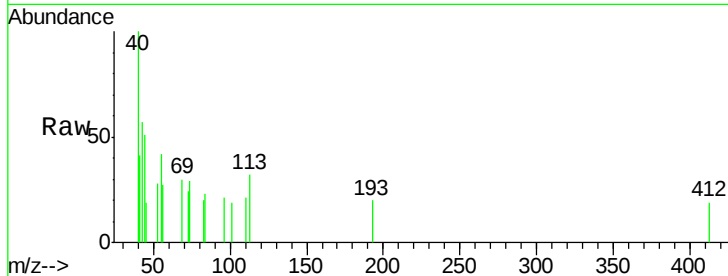
Tot Ion:113 Resp: 150

Ion Ratio Lower Upper

113 100

55 131.0 184.2 224.2#

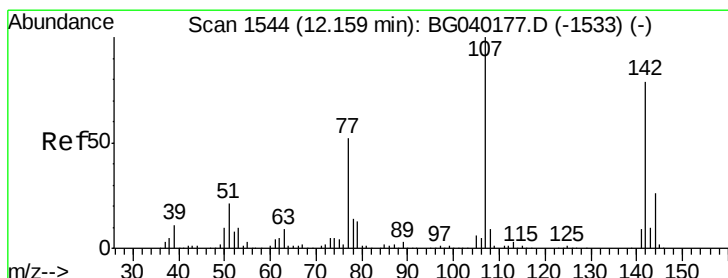
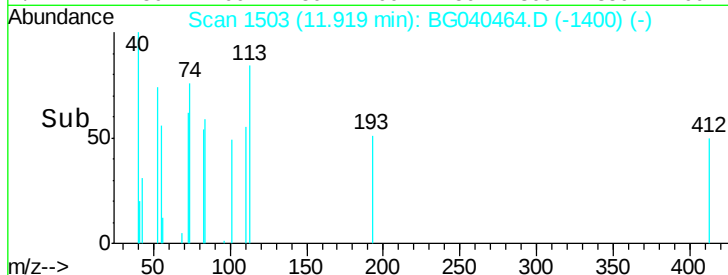
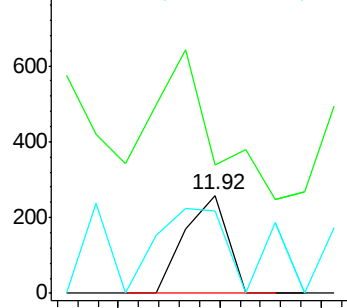
56 83.7 131.3 171.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 0.244 ng

RT: 12.18 min Scan# 1548

Delta R.T. 0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

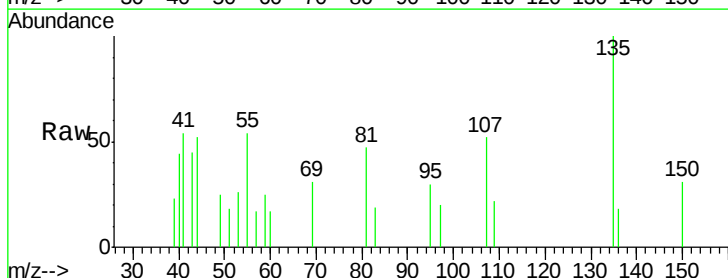
Tgt Ion:107 Resp: 795

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

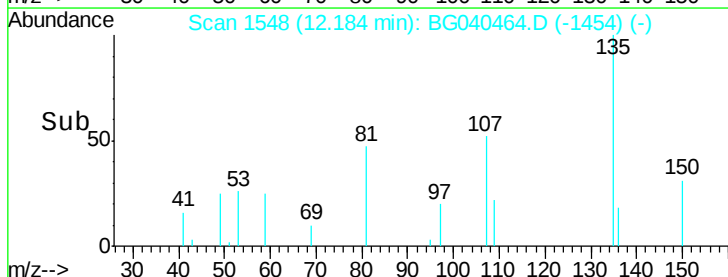
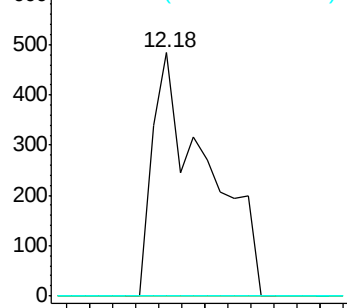
142 0.0 63.1 94.7#

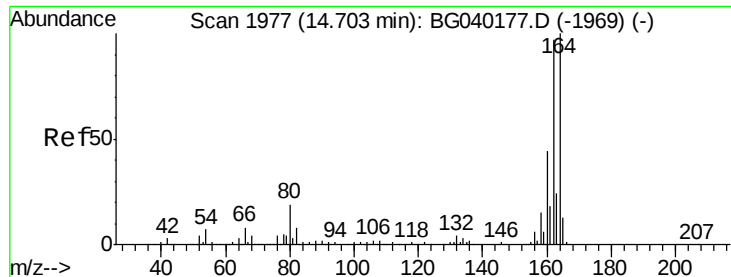


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

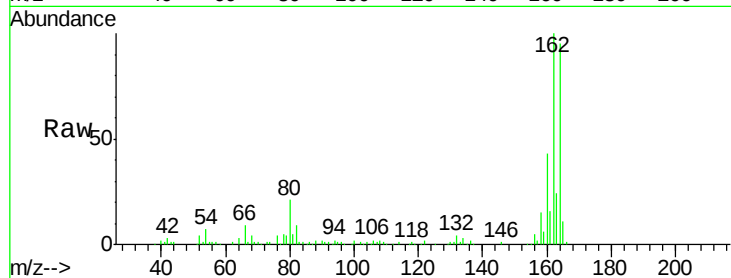




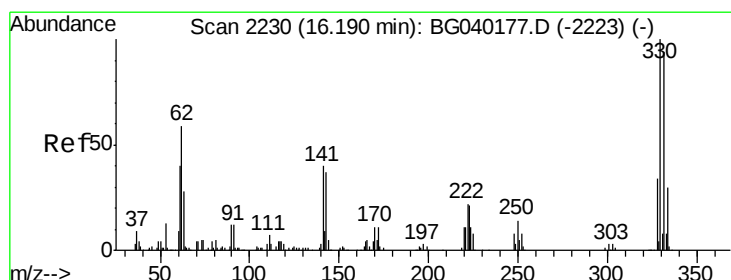
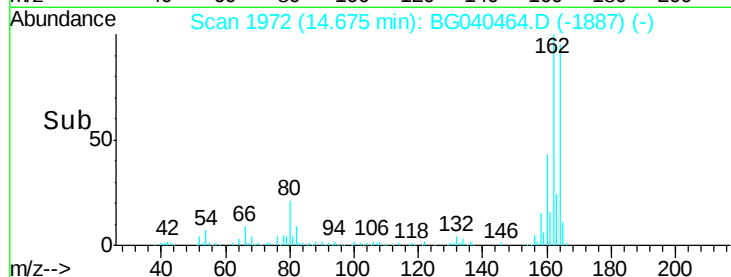
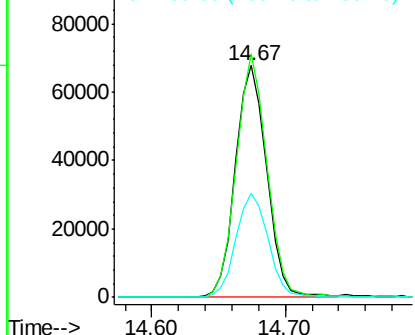
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 110299
Ion Ratio Lower Upper
164 100
162 105.1 77.4 116.2
160 45.1 35.3 52.9

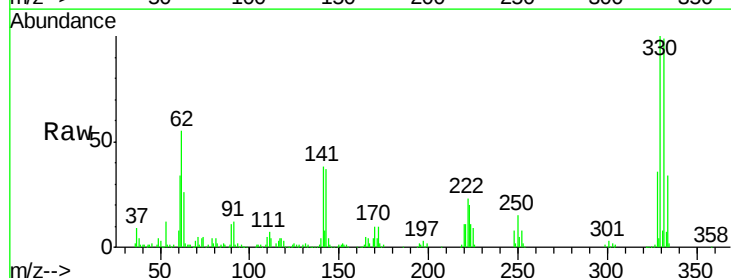


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

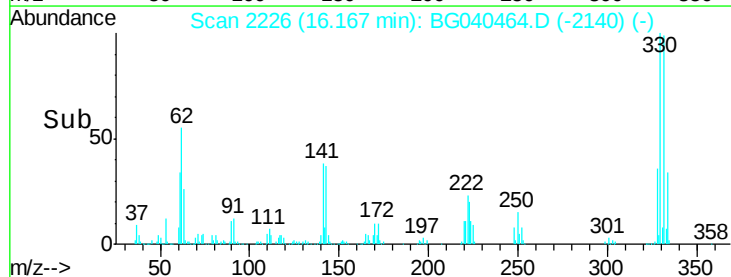
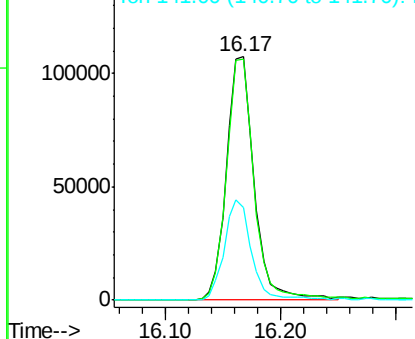


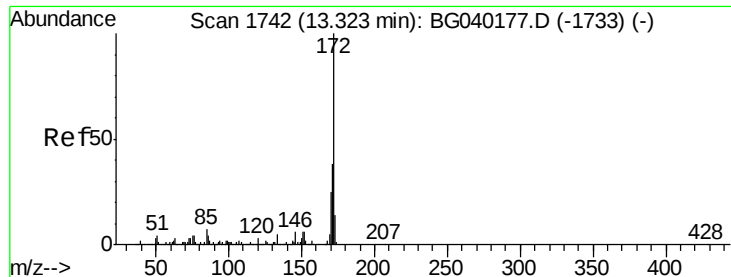
#42
2,4,6-Tribromophenol
Concen: 149.900 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:330 Resp: 178687
Ion Ratio Lower Upper
330 100
332 99.1 76.6 115.0
141 40.7 32.6 48.8



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: 85.340 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

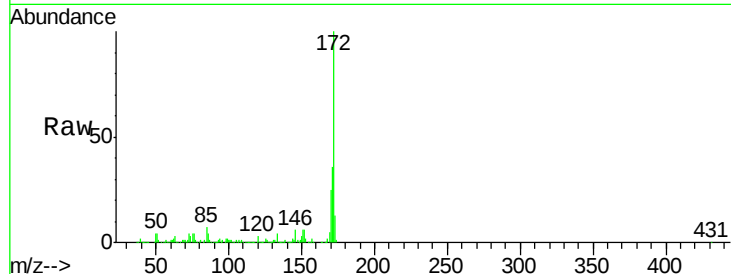
Tot Ion:172 Resp: 635252

Ion Ratio Lower Upper

172 100

171 36.5 30.5 45.7

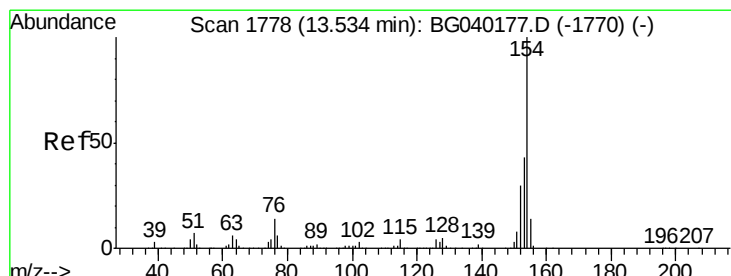
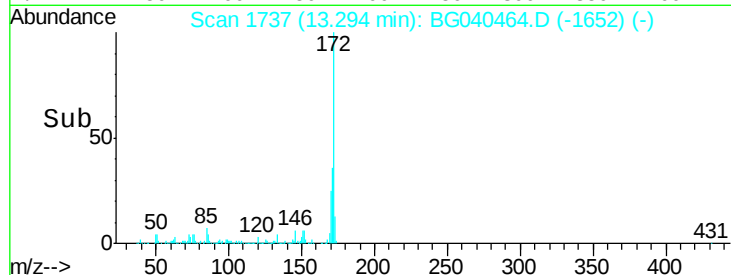
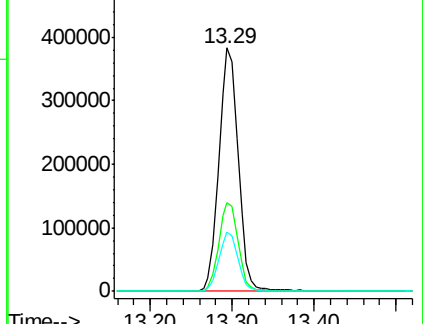
170 24.6 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 0.130 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

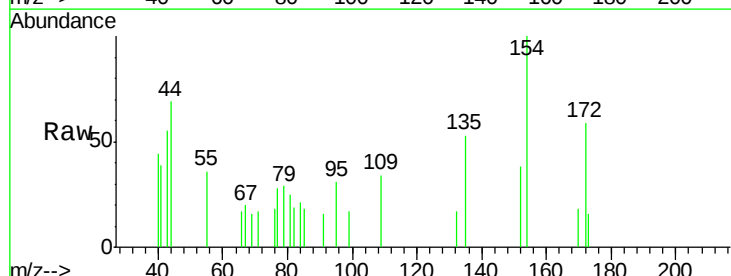
Tgt Ion:154 Resp: 1130

Ion Ratio Lower Upper

154 100

153 0.0 22.5 62.5#

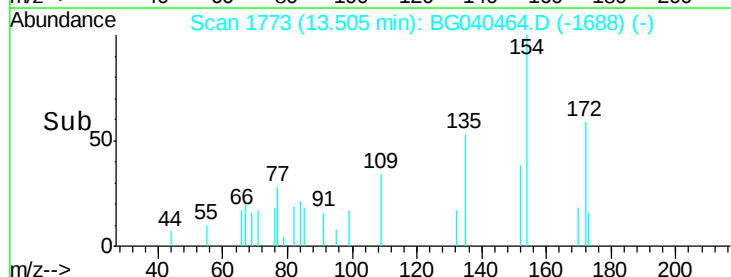
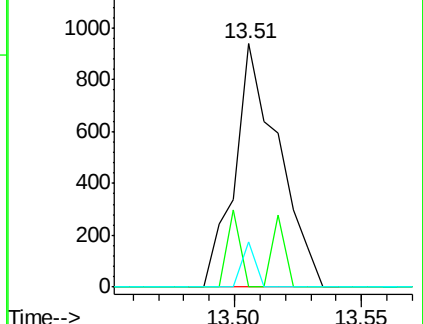
76 18.4 0.0 33.7

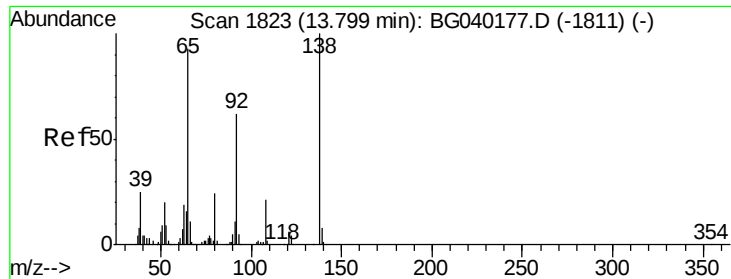


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

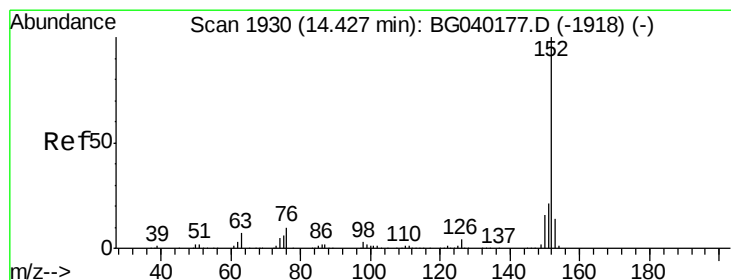
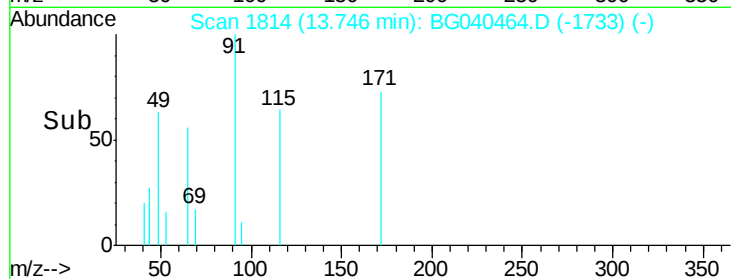
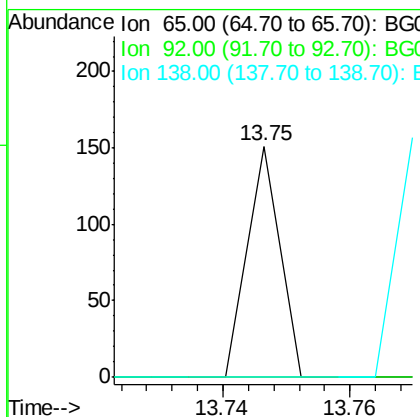
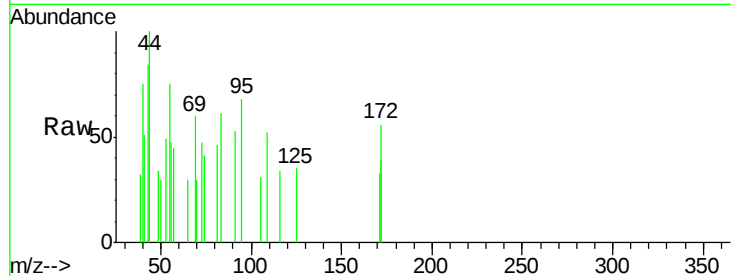




#48
2-Nitroaniline
Concen: 0.024 ng
RT: 13.75 min Scan# 1814
Delta R.T. -0.05 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

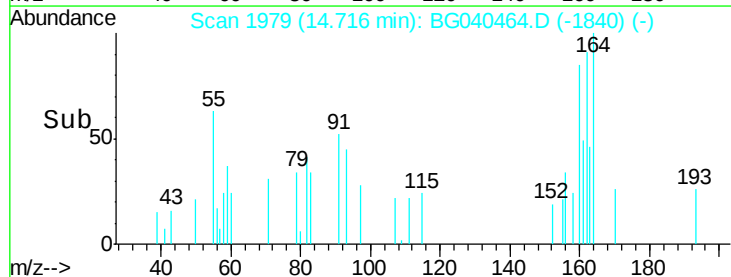
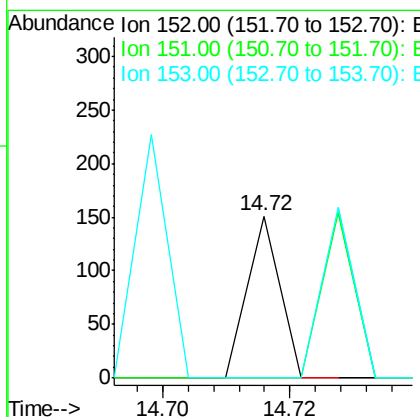
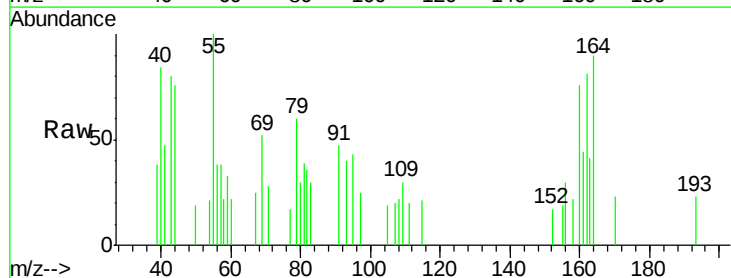
Instrument :
BNA_G
ClientSampleId :

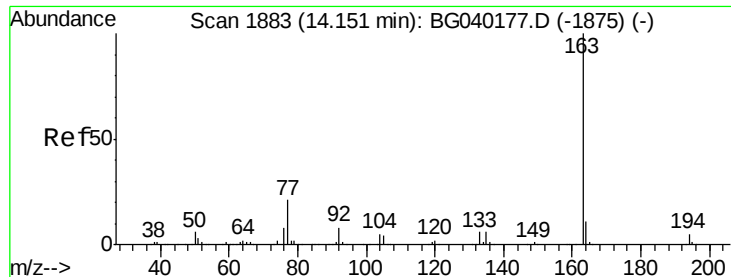
Tot Ion	Ratio	Lower	Upper
65	100		
92	0.0	53.8	80.6#
138	0.0	86.3	129.5#



#49
Acenaphthylene
Concen: 0.005 ng
RT: 14.72 min Scan# 1979
Delta R.T. 0.29 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	17.0	25.6#
153	0.0	10.8	16.2#

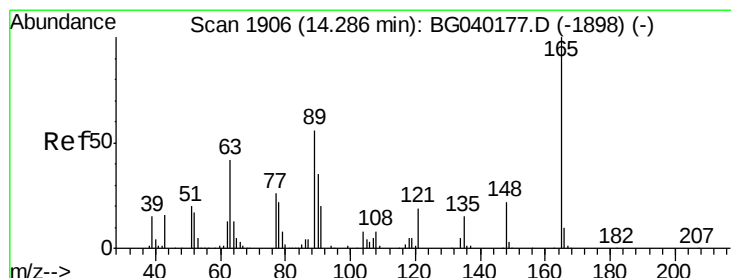
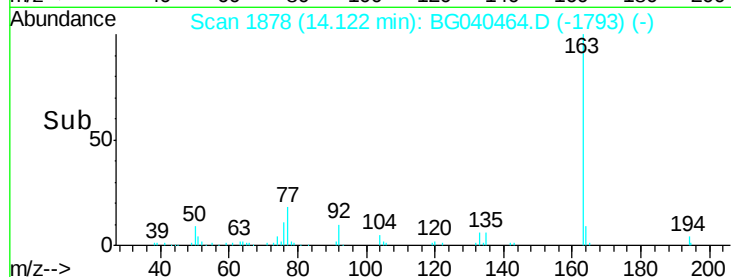
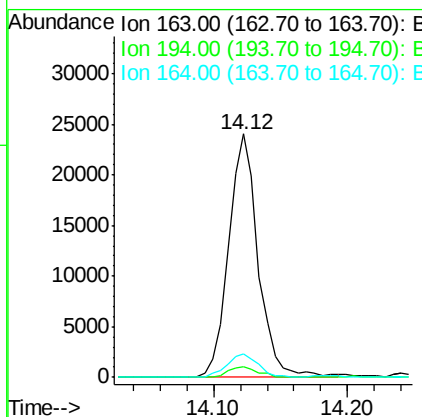
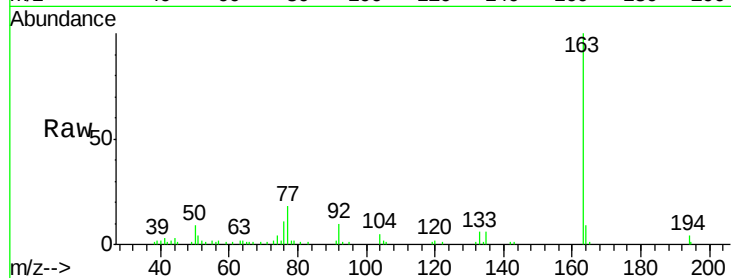




#50
Dimethylphthalate
Concen: 4.288 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

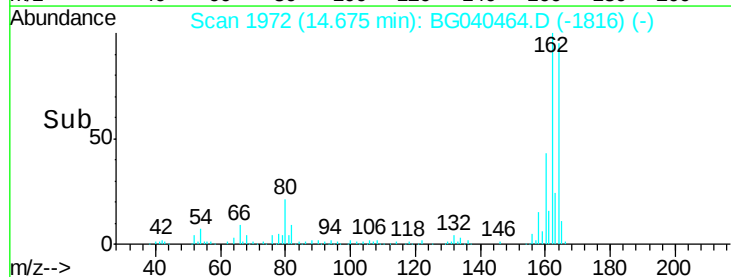
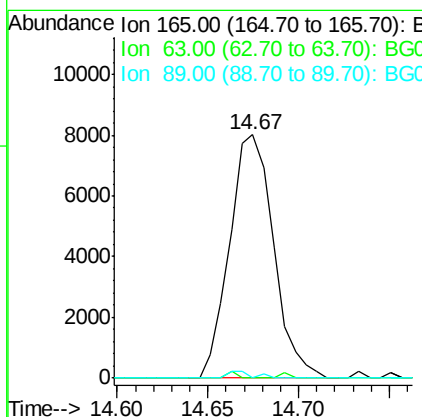
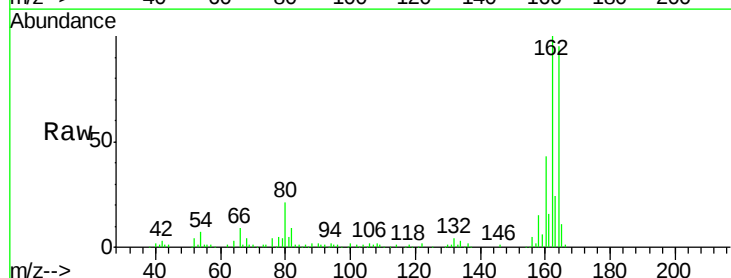
Instrument :
BNA_G
ClientSampleId :

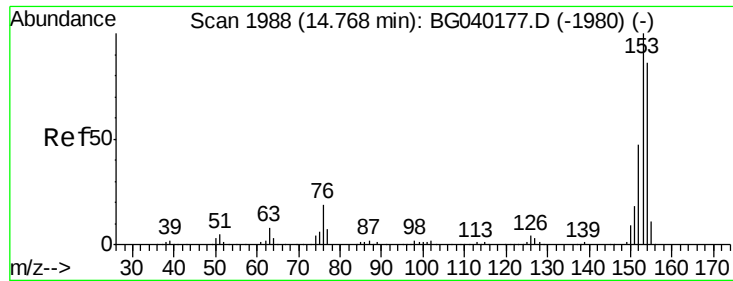
Tot Ion:163 Resp: 37017
Ion Ratio Lower Upper
163 100
194 5.0 4.1 6.1
164 9.4 8.6 13.0



#51
2,6-Dinitrotoluene
Concen: 6.974 ng
RT: 14.67 min Scan# 1972
Delta R.T. 0.39 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:165 Resp: 13517
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 0.0 44.9 67.3#





#52

Acenaphthene

Concen: 0.009 ng

RT: 14.75 min Scan# 1984

Delta R.T. -0.02 min

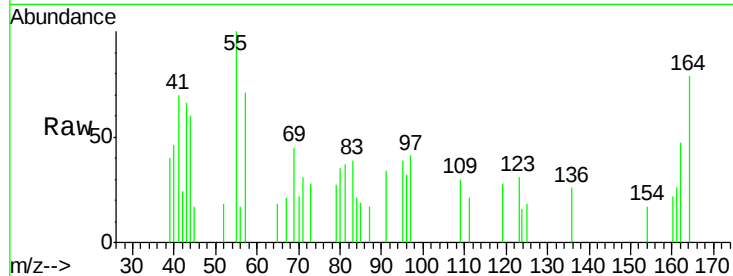
Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :



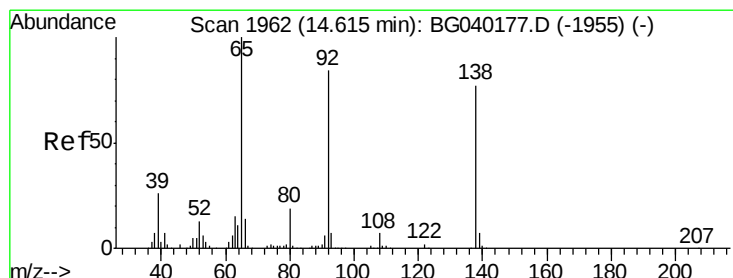
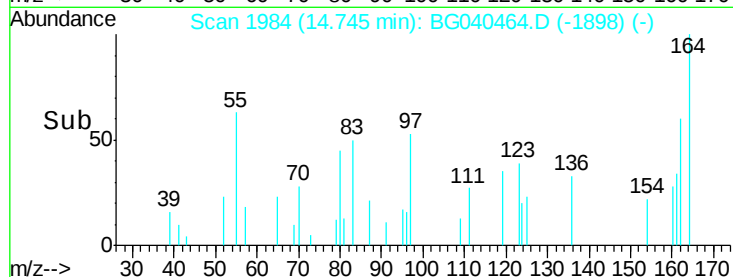
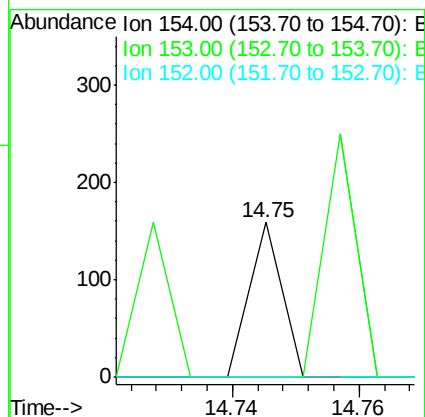
Tot Ion:154 Resp: 56

Ion Ratio Lower Upper

154 100

153 0.0 92.8 139.2#

152 0.0 43.4 65.2#



#53

3-Nitroaniline

Concen: 0.046 ng

RT: 14.57 min Scan# 1955

Delta R.T. -0.04 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

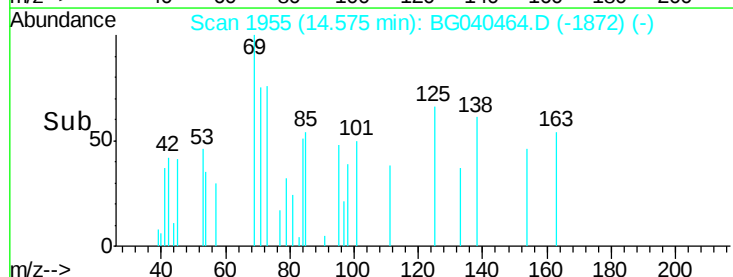
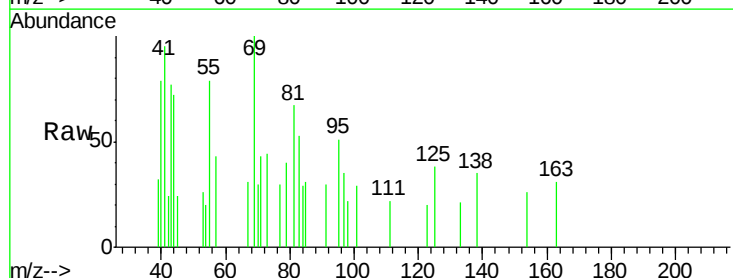
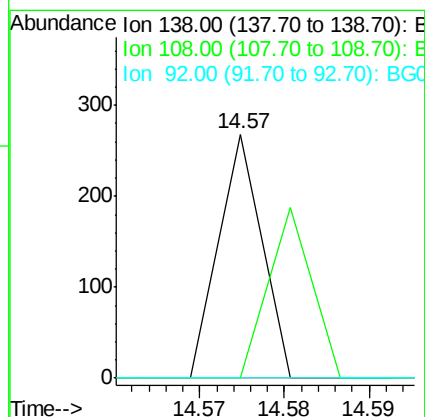
Tgt Ion:138 Resp: 94

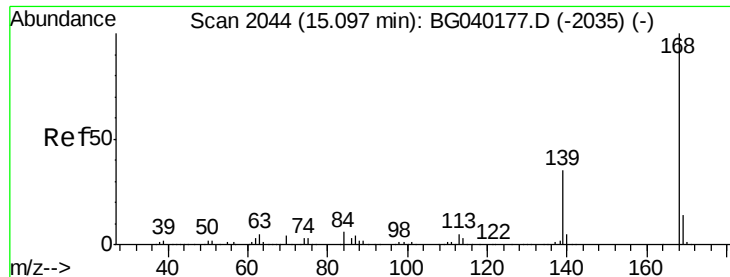
Ion Ratio Lower Upper

138 100

108 0.0 7.8 11.8#

92 0.0 87.5 131.3#

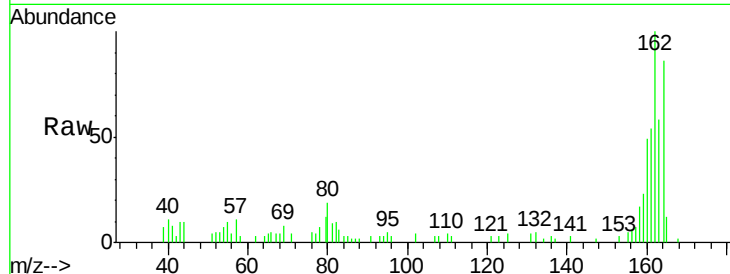




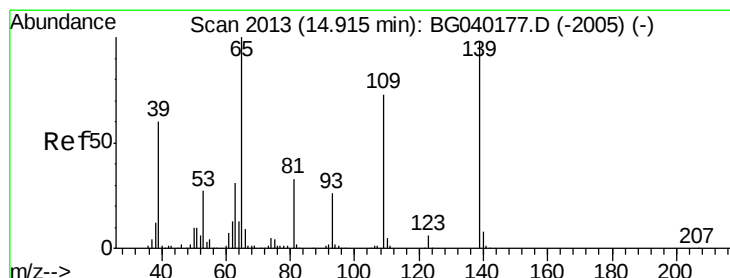
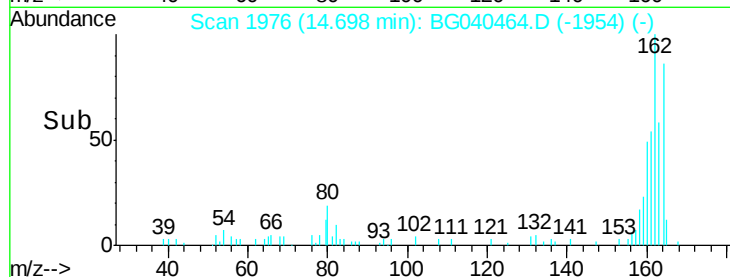
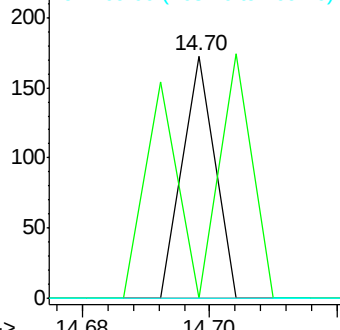
#55
Dibenzenofuran
Concen: 0.006 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.40 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 61
Ion Ratio Lower Upper
168 100
139 0.0 27.9 41.9#
169 0.0 11.3 16.9#

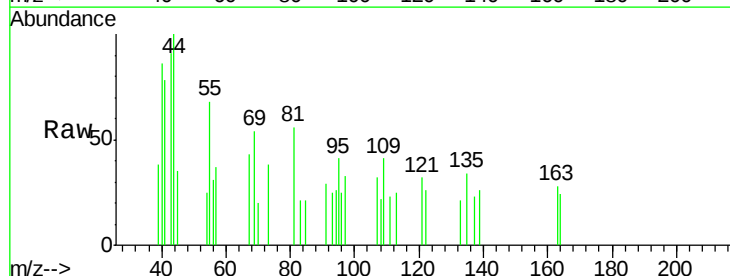


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

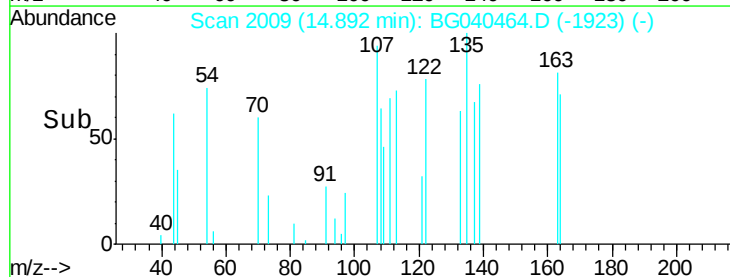
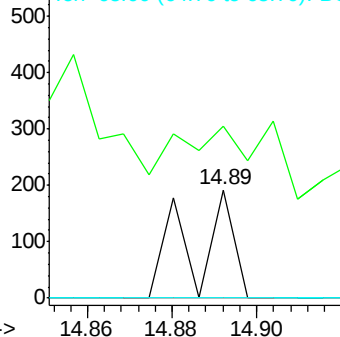


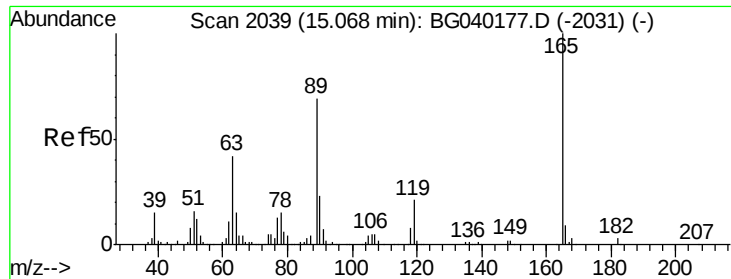
#56
4-Nitrophenol
Concen: 0.079 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:139 Resp: 130
Ion Ratio Lower Upper
139 100
109 158.9 54.3 94.3#
65 0.0 82.5 122.5#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

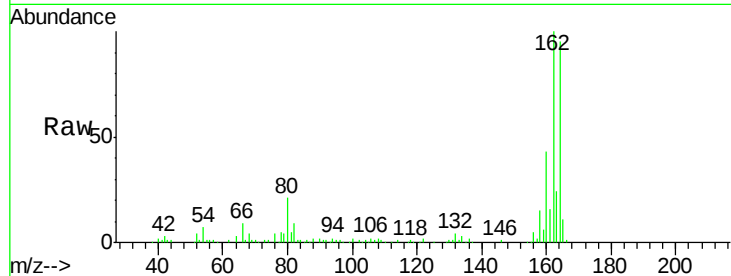




#57
 2,4-Dinitrotoluene
 Concen: 5.019 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

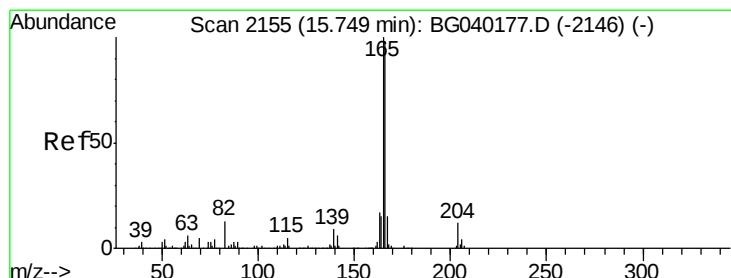
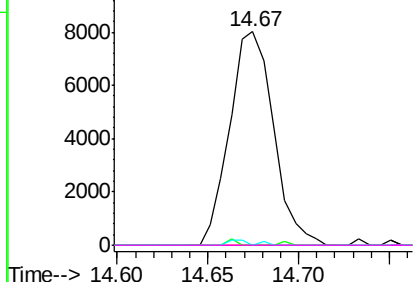
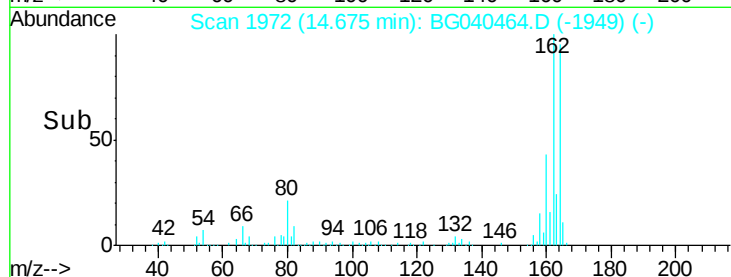


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

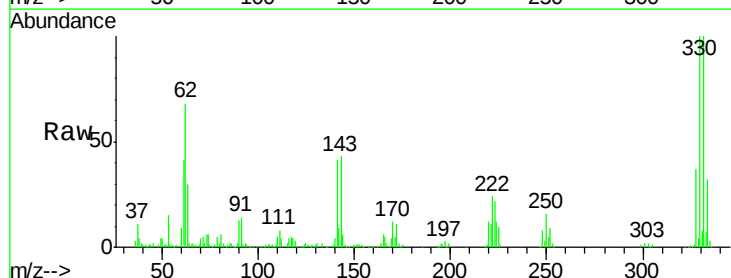
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 1.121 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.41 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

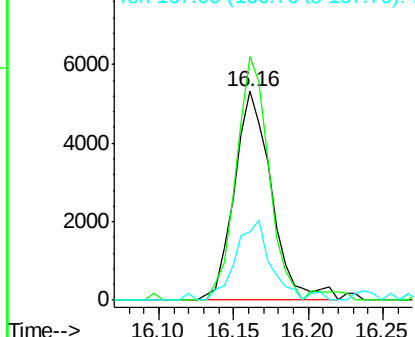
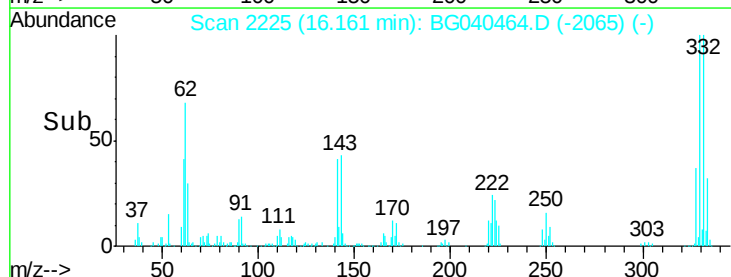
Tgt Ion	Ratio	Lower	Upper
166	100		
165	116.7	81.7	122.5
167	32.7	11.9	17.9#

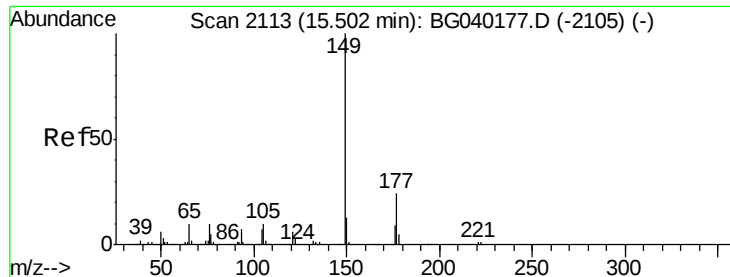


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#60

Diethylphthalate

Concen: 0.278 ng

RT: 15.48 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

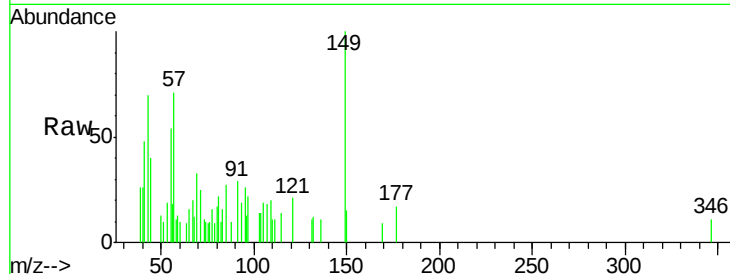
Tot Ion:149 Resp: 2454

Ion Ratio Lower Upper

149 100

177 16.8 19.1 28.7#

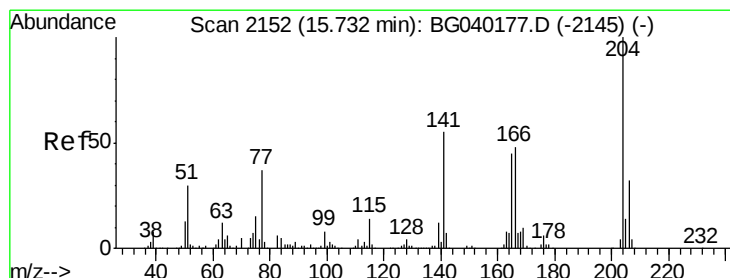
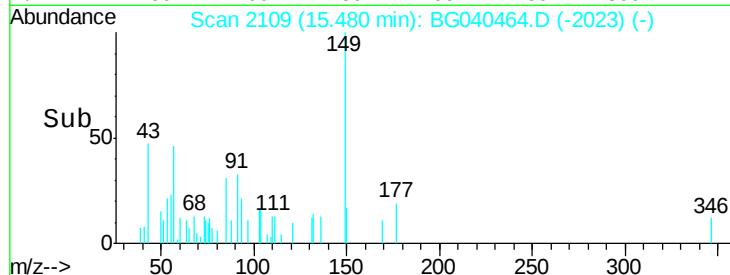
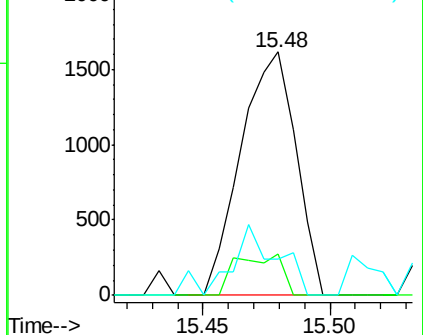
150 14.8 10.6 15.8



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



#61

4-Chlorophenyl-phenylether

Concen: 0.012 ng

RT: 15.78 min Scan# 2160

Delta R.T. 0.05 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

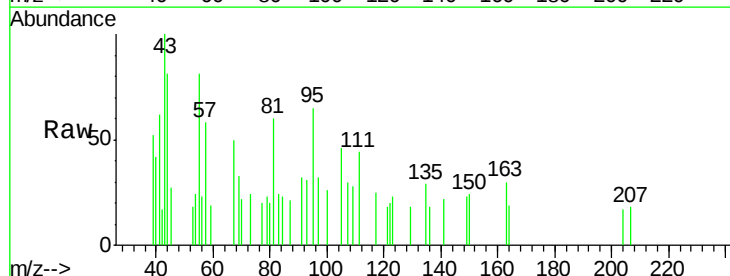
Tgt Ion:204 Resp: 53

Ion Ratio Lower Upper

204 100

206 0.0 25.7 38.5#

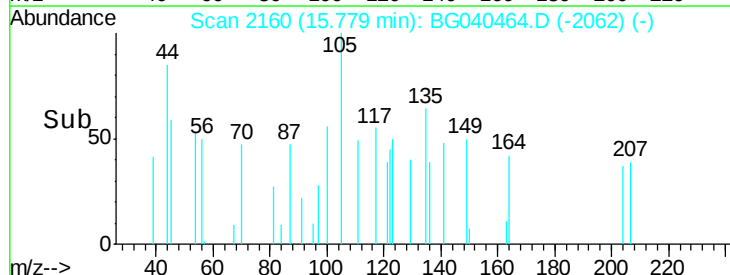
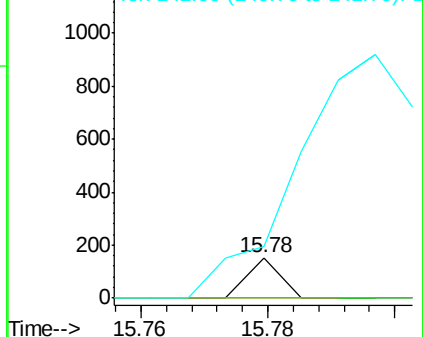
141 127.8 44.0 66.0#

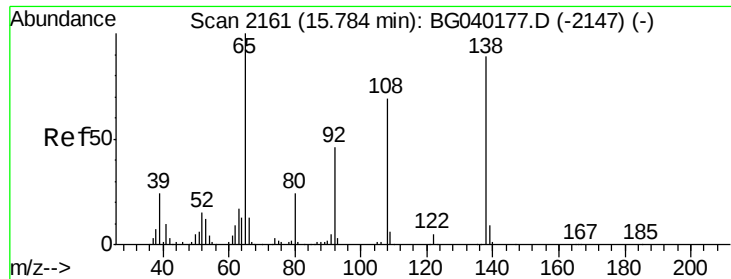


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 0.028 ng

RT: 15.79 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG040464.D

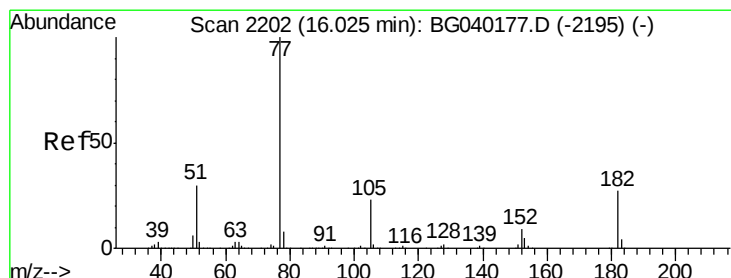
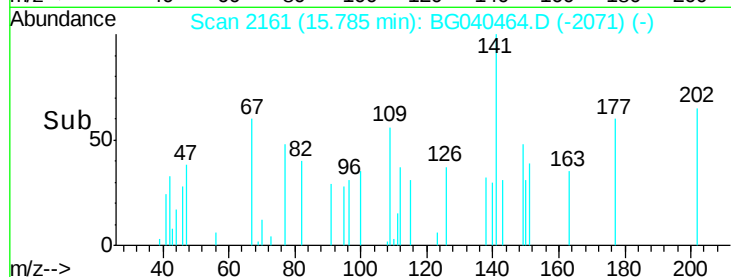
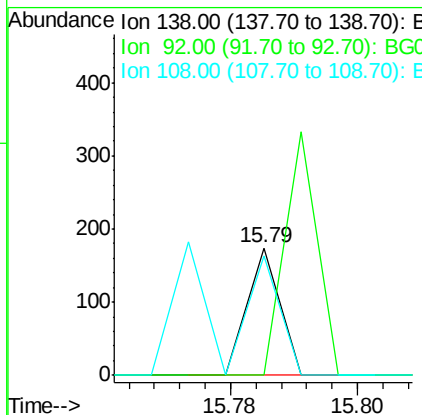
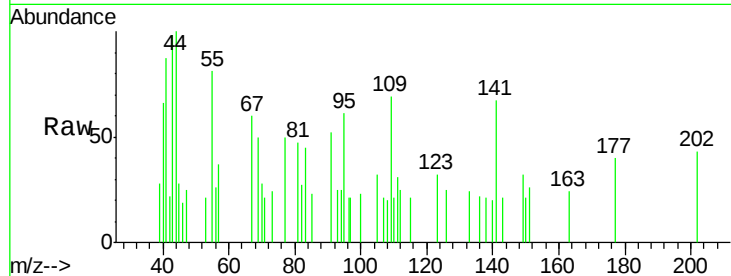
Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

Tot Ion:	138	Resp:	61
Ion	Ratio	Lower	Upper
138	100		
92	0.0	31.8	71.8#
108	93.7	57.2	97.2



#63

Azobenzene

Concen: 0.204 ng

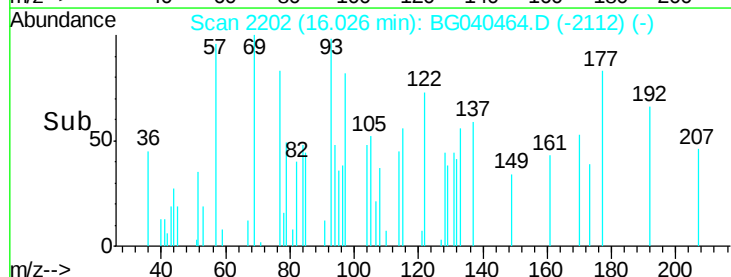
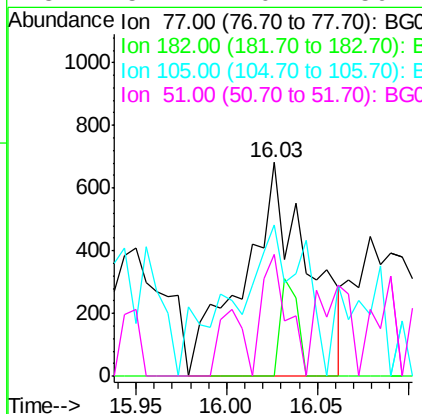
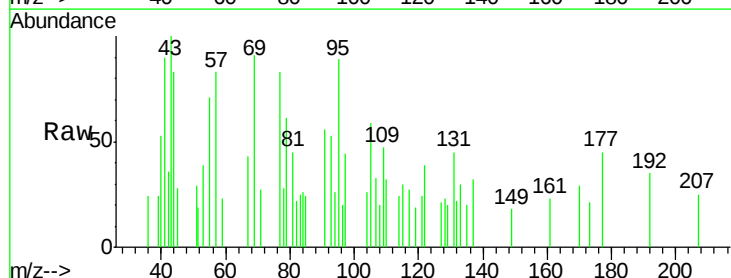
RT: 16.03 min Scan# 2202

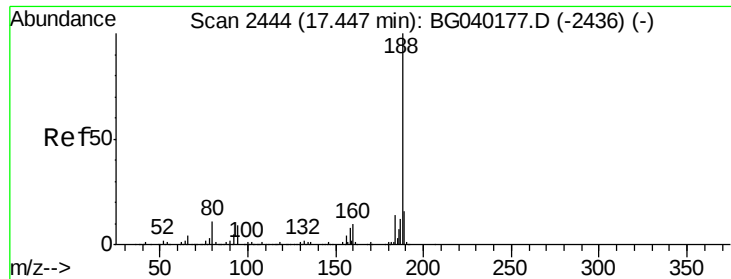
Delta R.T. 0.00 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Tgt Ion:	77	Resp:	1697
Ion	Ratio	Lower	Upper
77	100		
182	0.0	7.2	47.2#
105	70.7	2.8	42.8#
51	57.2	10.4	50.4#

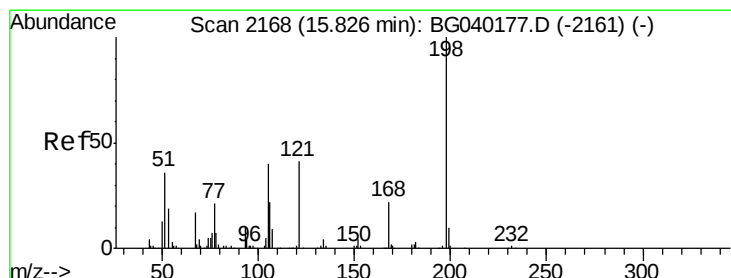
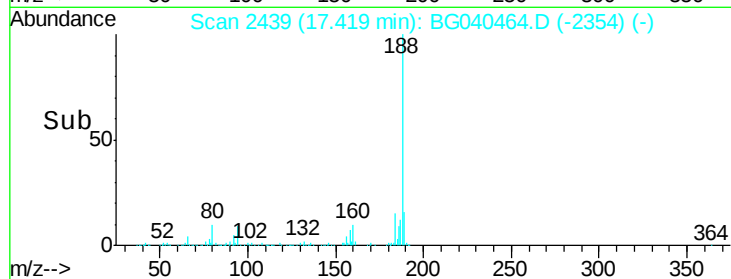
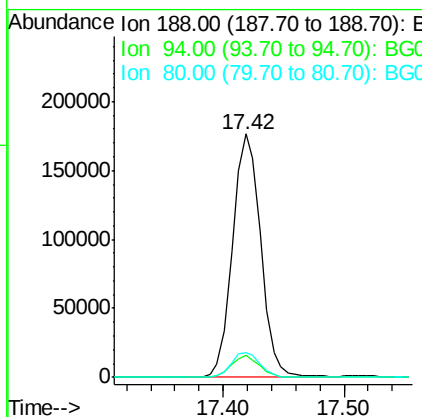
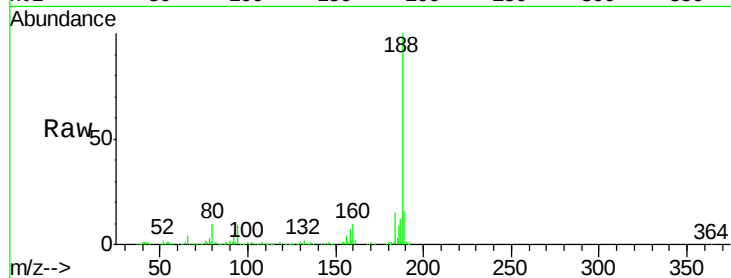




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.03 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

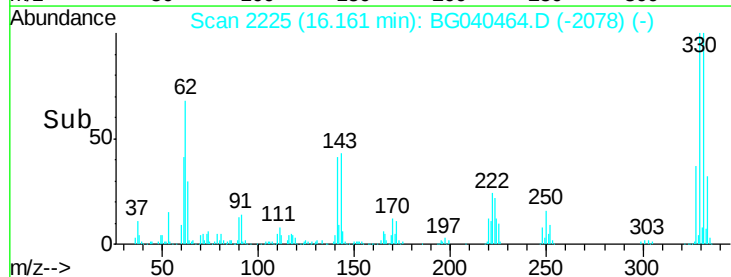
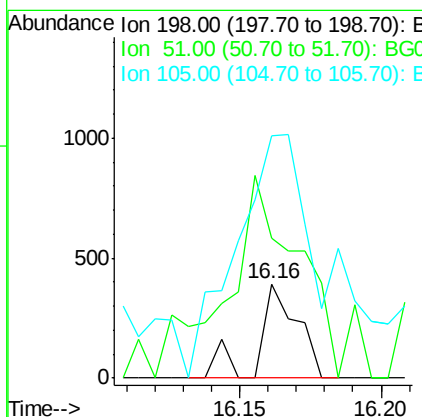
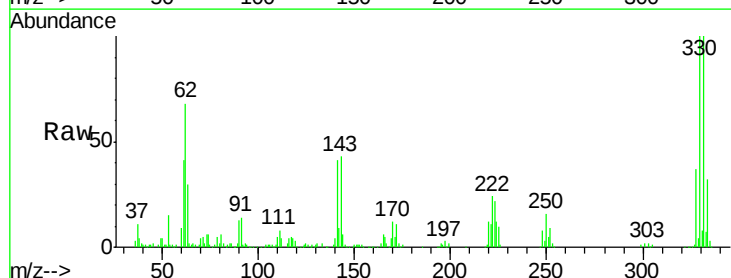
Instrument :
BNA_G
ClientSampleId :

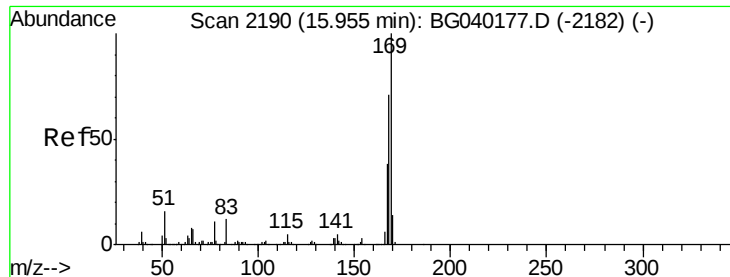
Tot Ion:188 Resp: 286797
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.4
80 10.3 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.34 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:198 Resp: 364
Ion Ratio Lower Upper
198 100
51 147.8 27.3 67.3#
105 257.3 21.7 61.7#

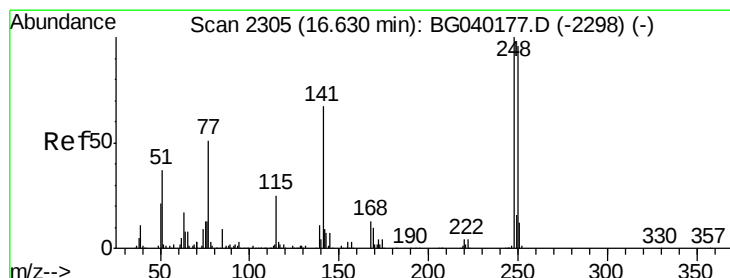
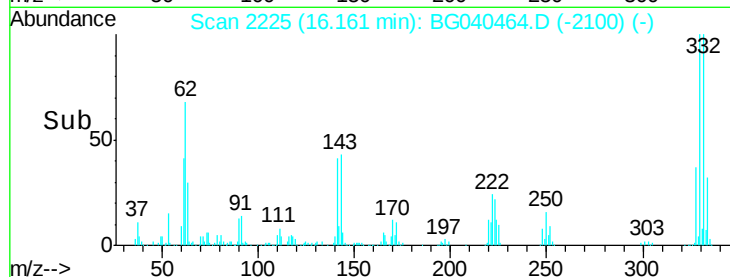
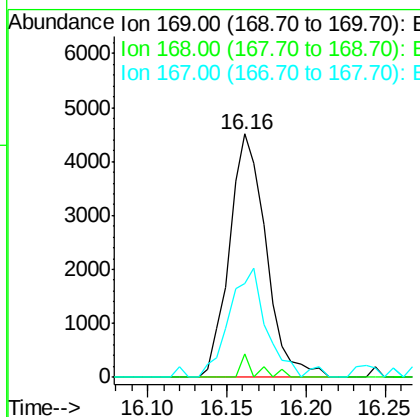
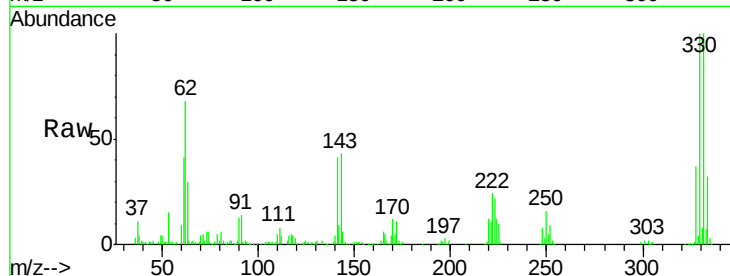




#66
 n-Nitrosodiphenylamine
 Concen: 0.860 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. 0.21 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

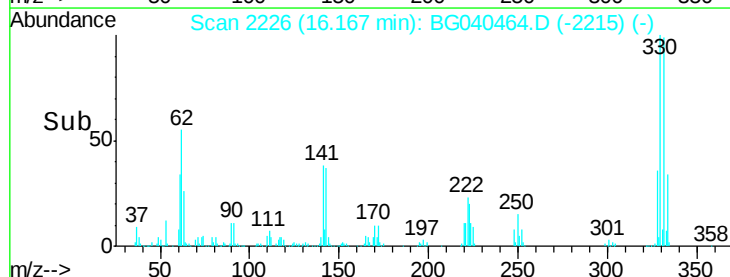
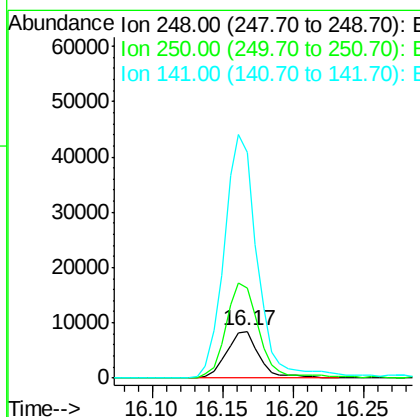
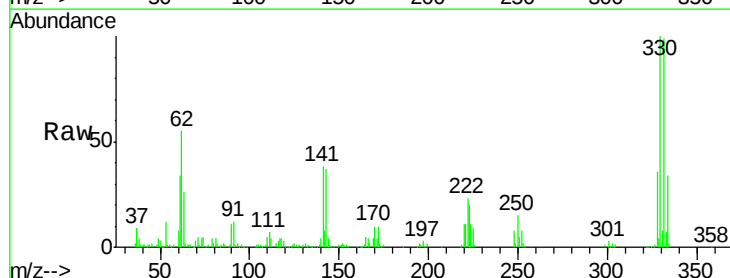
Instrument :
 BNA_G
 ClientSampleId :

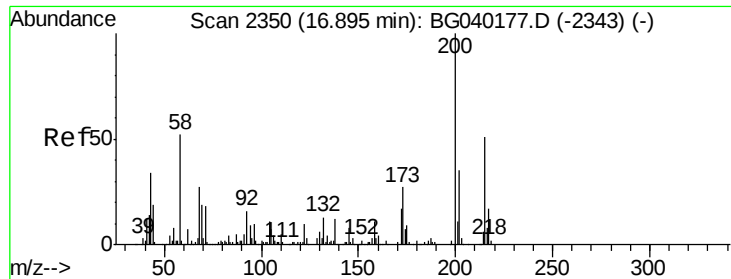
Tot Ion	Ratio	Lower	Upper
169	100		
168	9.9	56.8	85.2#
167	38.6	30.2	45.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.242 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.5	76.4	114.6#
141	482.4	53.8	80.8#





#69

Atrazine

Concen: 0.019 ng

RT: 16.47 min Scan# 2277

Delta R.T. -0.43 min

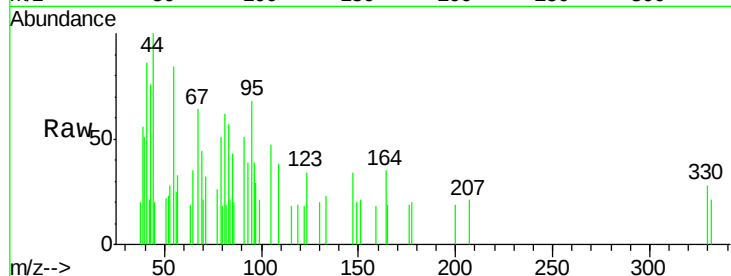
Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :



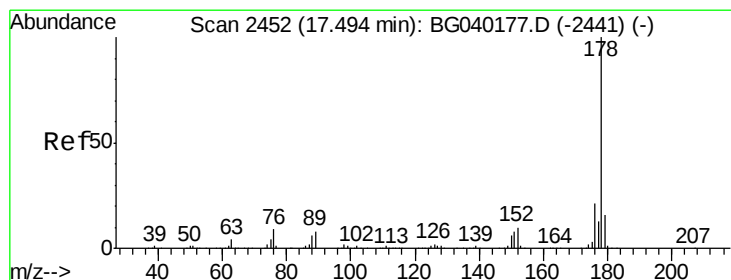
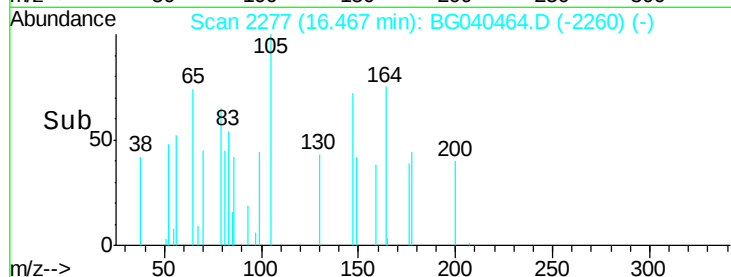
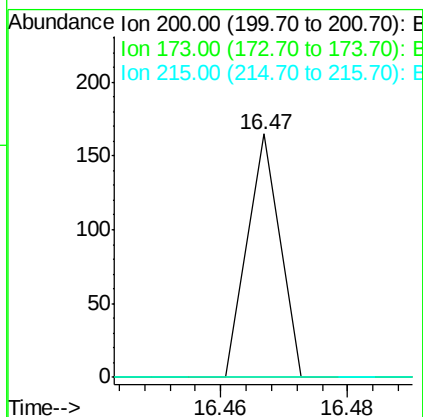
Tot Ion:200 Resp: 58

Ion Ratio Lower Upper

200 100

173 0.0 7.1 47.1#

215 0.0 30.9 70.9#



#71

Phenanthrene

Concen: 0.042 ng

RT: 17.47 min Scan# 2447

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

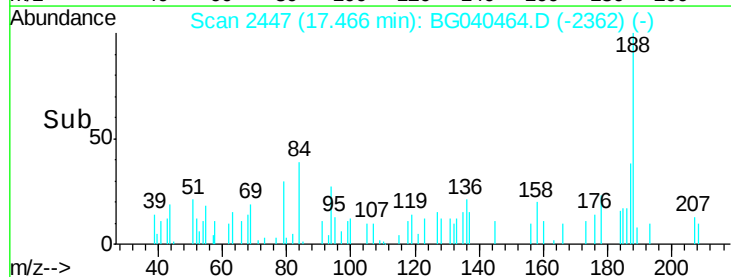
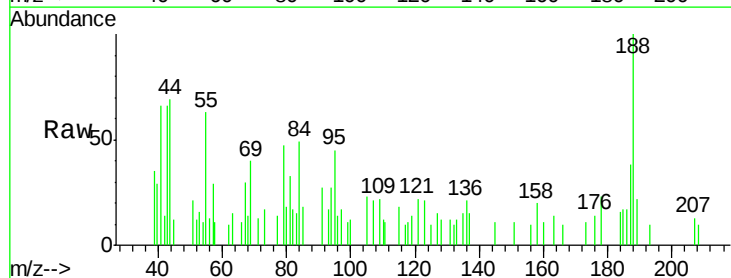
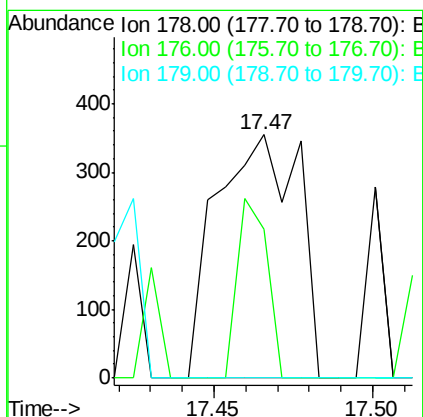
Tgt Ion:178 Resp: 636

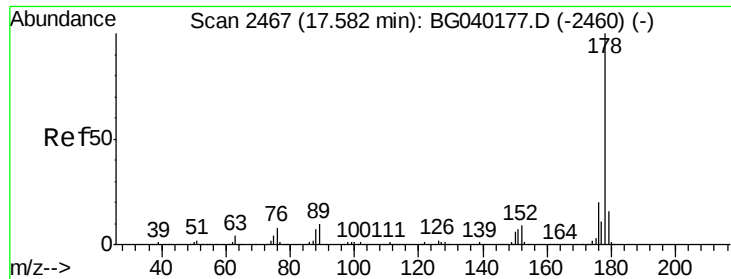
Ion Ratio Lower Upper

178 100

176 61.1 16.7 25.1#

179 0.0 12.8 19.2#





#72

Anthracene

Concen: 0.015 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

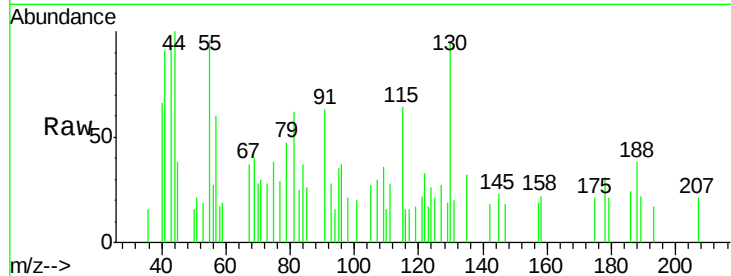
Tot Ion:178 Resp: 228

Ion Ratio Lower Upper

178 100

176 0.0 15.9 23.9#

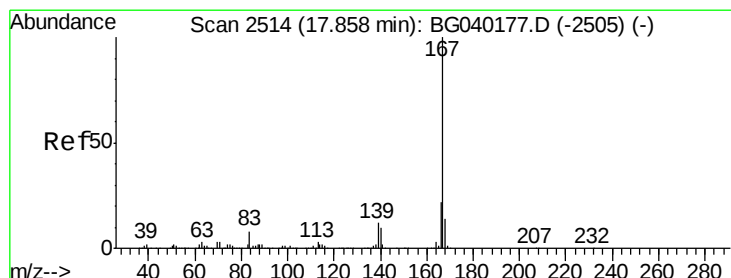
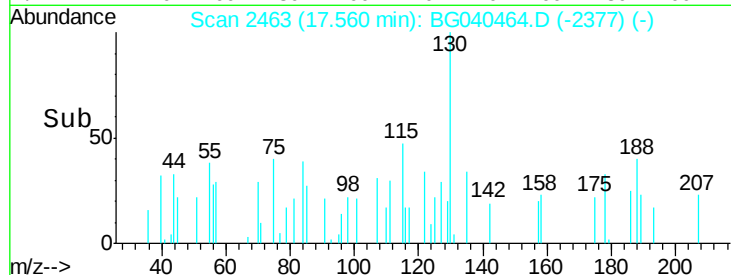
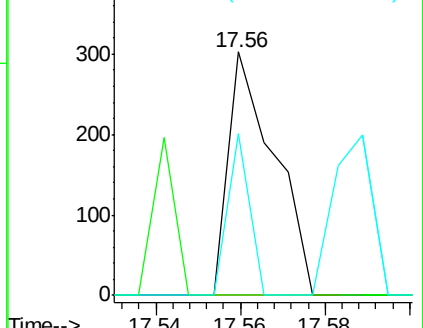
179 66.3 12.9 19.3#



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



#73

Carbazole

Concen: 0.026 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

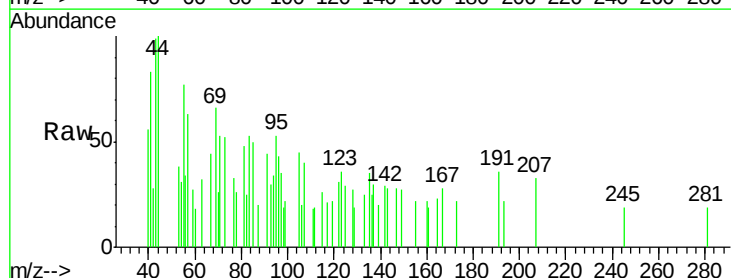
Tgt Ion:167 Resp: 373

Ion Ratio Lower Upper

167 100

166 0.0 17.5 26.3#

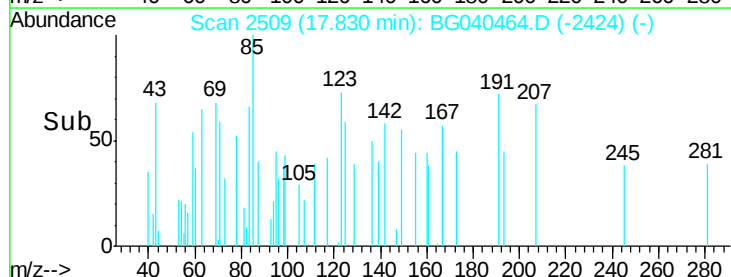
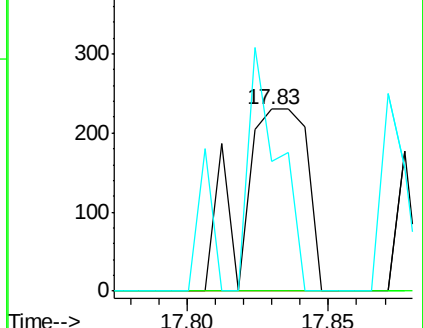
139 71.3 10.0 15.0#

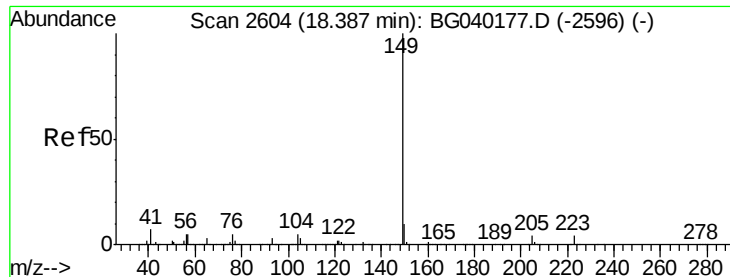


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 0.186 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

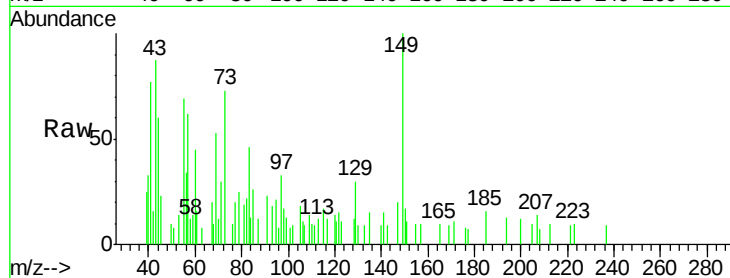
Tot Ion:149 Resp: 3150

Ion Ratio Lower Upper

149 100

150 16.8 7.9 11.9#

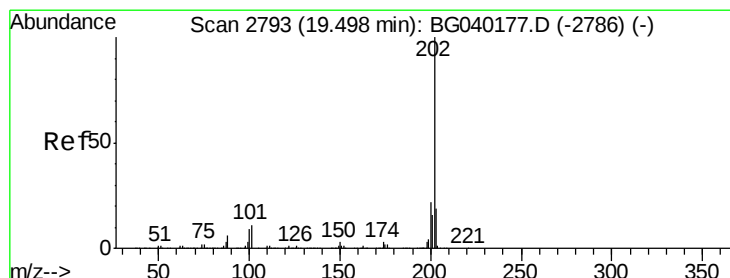
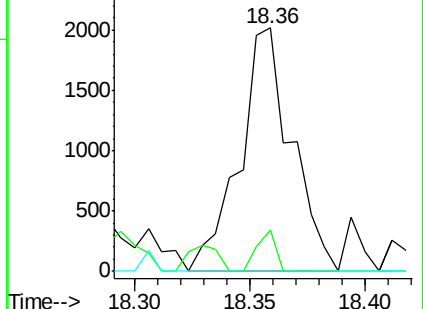
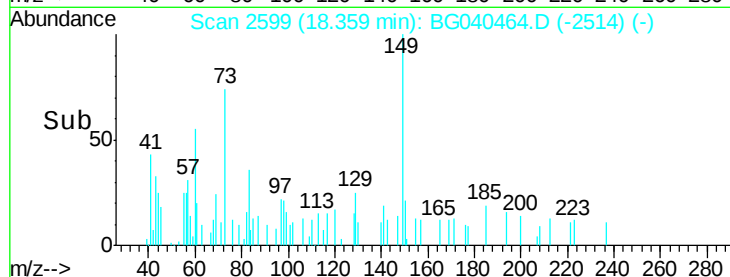
104 0.0 4.1 6.1#



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: 0.003 ng

RT: 19.29 min Scan# 2758

Delta R.T. -0.20 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

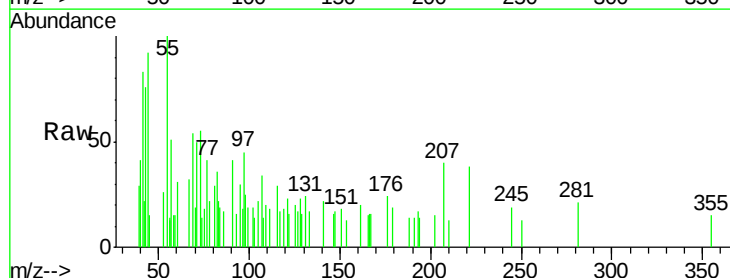
Tgt Ion:202 Resp: 61

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.8

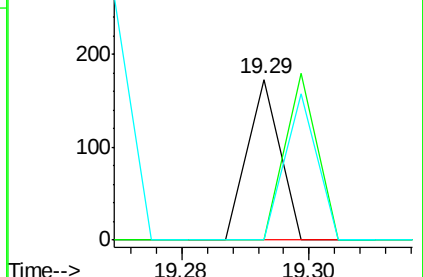
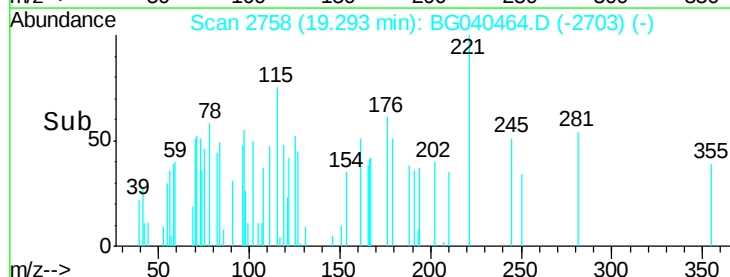
203 0.0 0.0 38.9

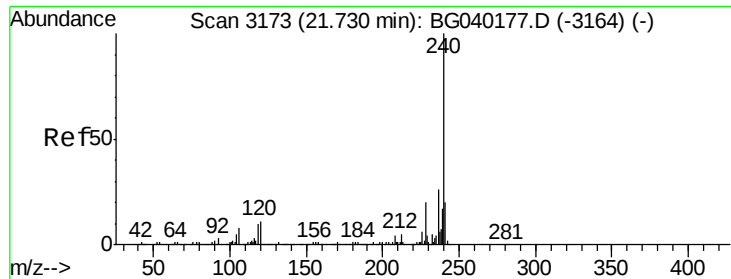


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

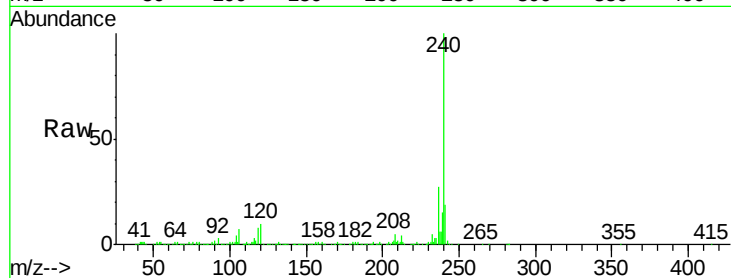




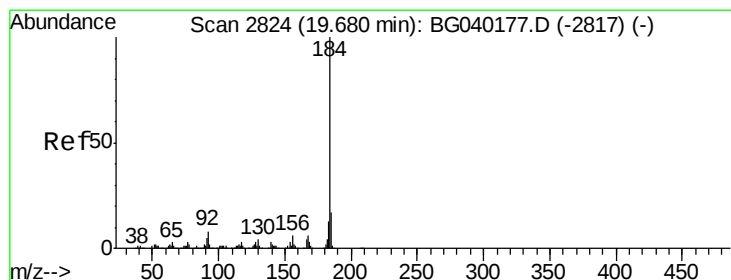
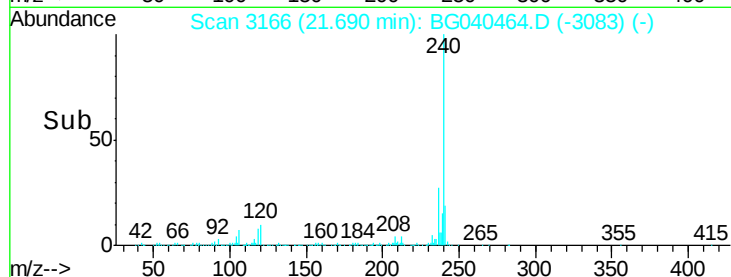
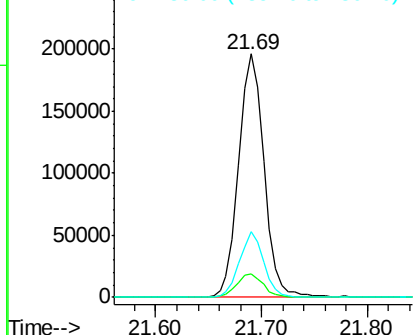
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.04 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Instrument :
BNA_G
ClientSampled :

Tot Ion:240 Resp: 326888
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 26.9 20.8 31.2

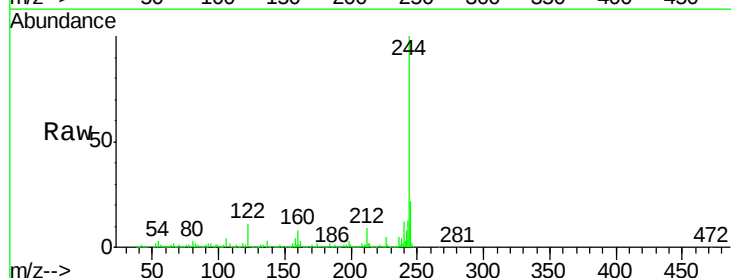


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

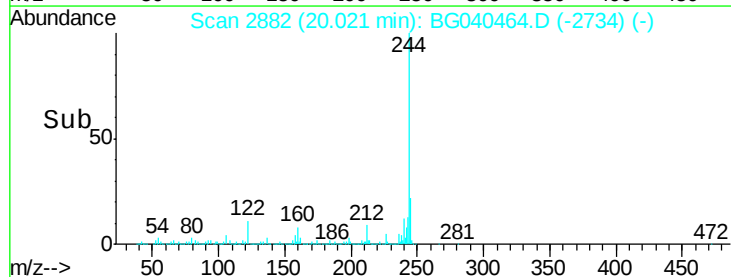
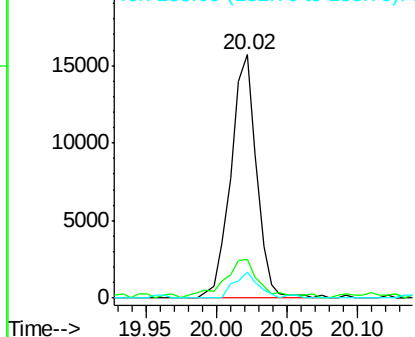


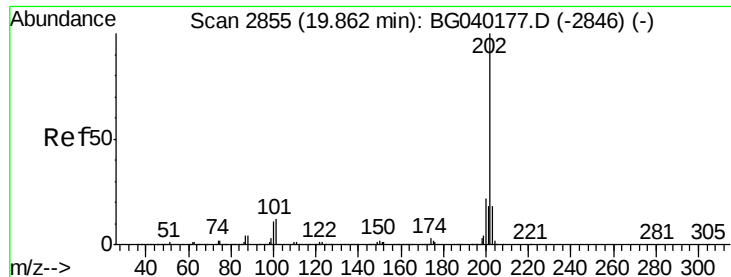
#77
Benzidine
Concen: 1.689 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.34 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:184 Resp: 19939
Ion Ratio Lower Upper
184 100
185 16.0 13.3 19.9
183 10.5 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 0.231 ng

RT: 20.02 min Scan# 2881

Delta R.T. 0.15 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

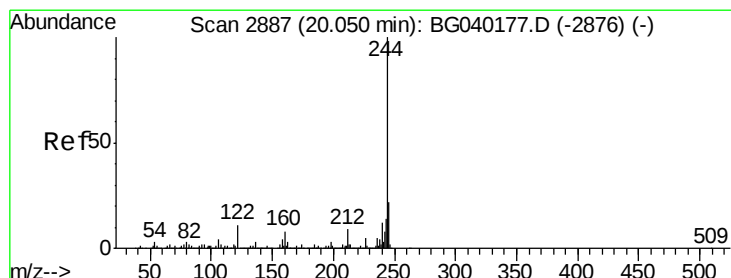
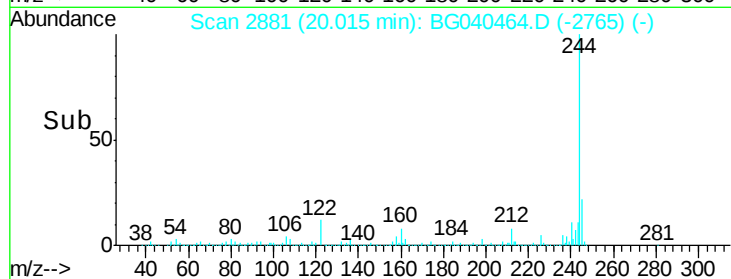
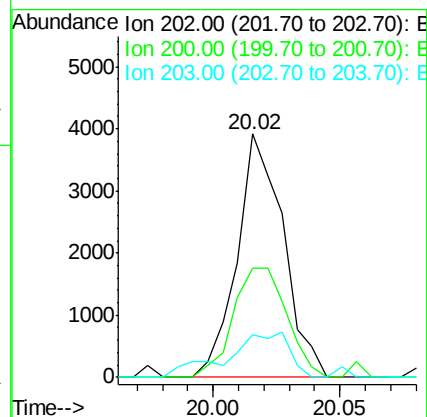
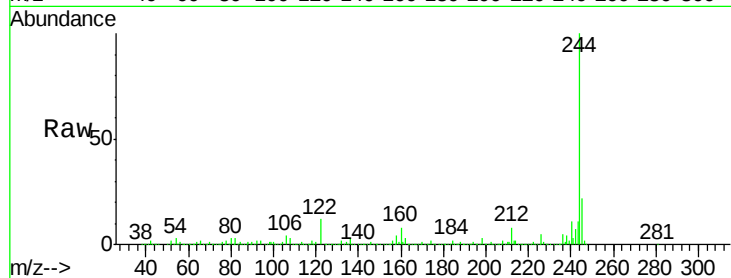
Tot Ion:202 Resp: 4955

Ion Ratio Lower Upper

202 100

200 45.0 17.3 25.9#

203 17.4 14.6 22.0



#79

Terphenyl-d14

Concen: 79.604 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

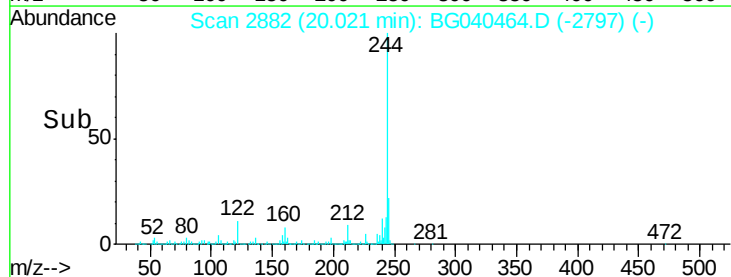
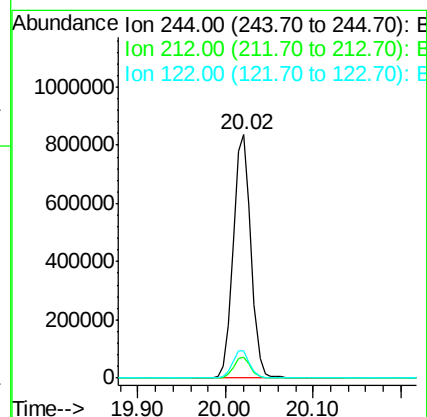
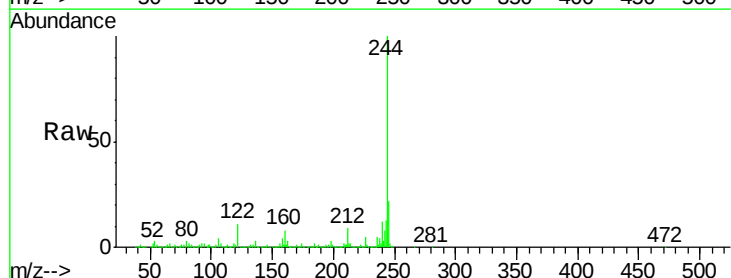
Tgt Ion:244 Resp: 1156696

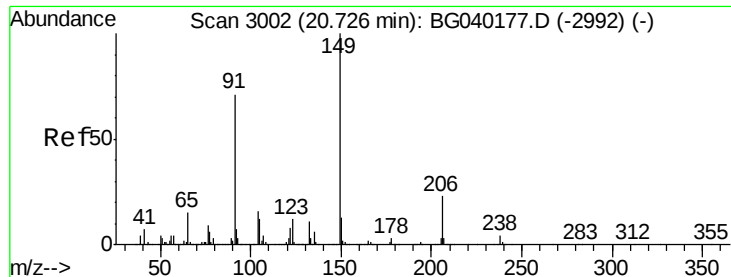
Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

122 11.0 8.5 12.7

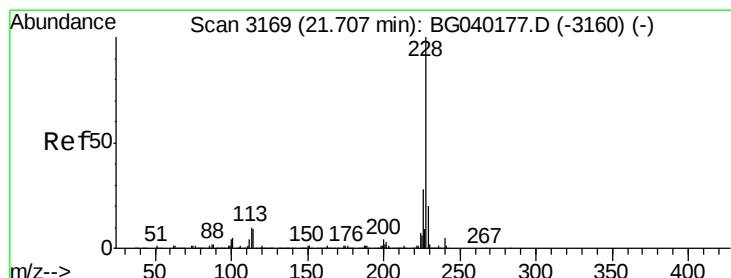
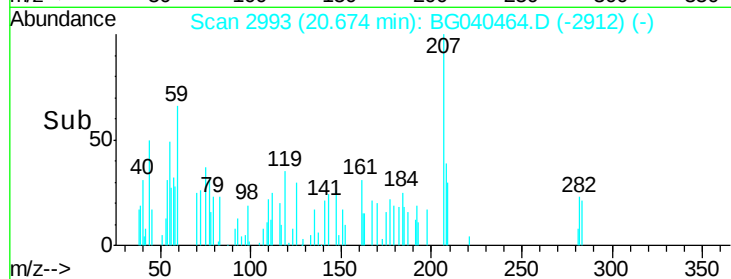
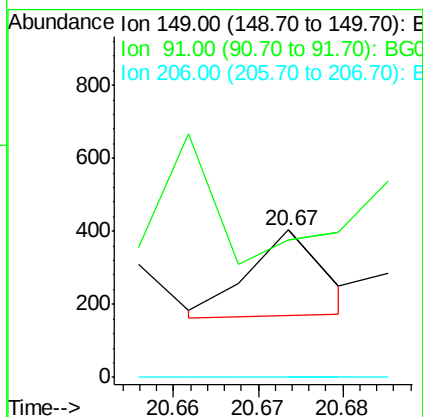
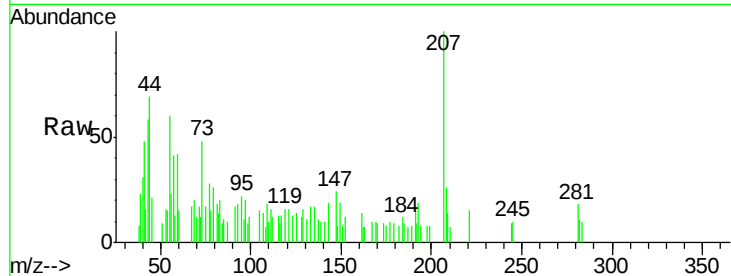




#80
Butylbenzylphthalate
Concen: 0.016 ng
RT: 20.67 min Scan# 2993
Delta R.T. -0.05 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

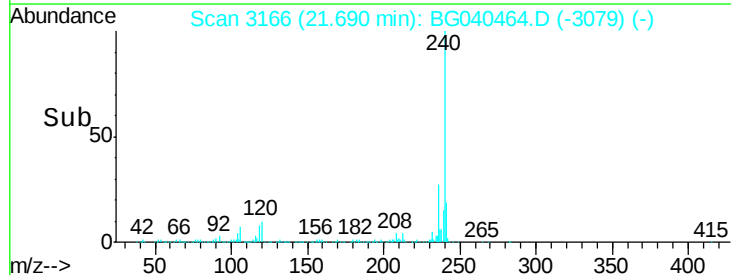
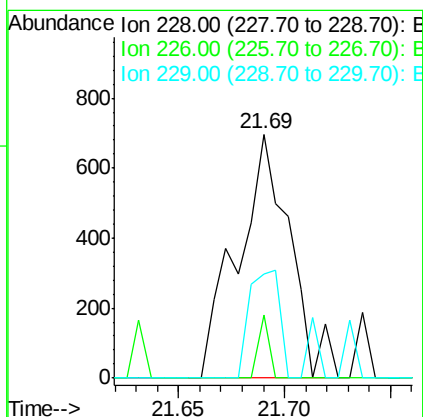
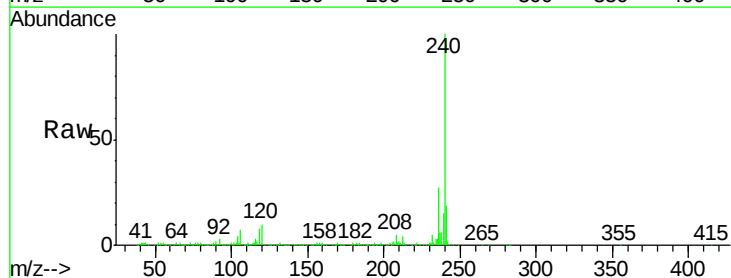
Instrument :
BNA_G
ClientSampled :

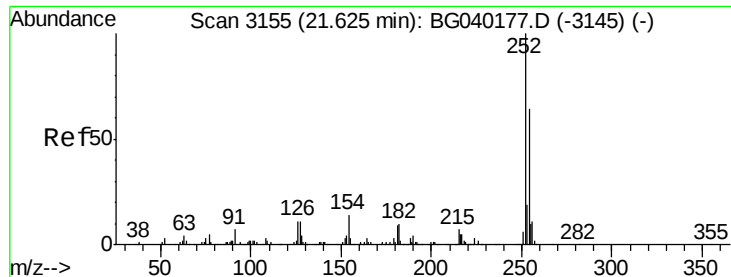
Tot Ion:149 Resp: 143
Ion Ratio Lower Upper
149 100
91 93.1 57.0 85.4#
206 0.0 18.2 27.4#



#81
Benzo(a)anthracene
Concen: 0.060 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion:228 Resp: 1199
Ion Ratio Lower Upper
228 100
226 25.9 22.6 34.0
229 43.0 16.1 24.1#





#82

3,3'-Dichlorobenzidine

Concen: 0.009 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040464.D

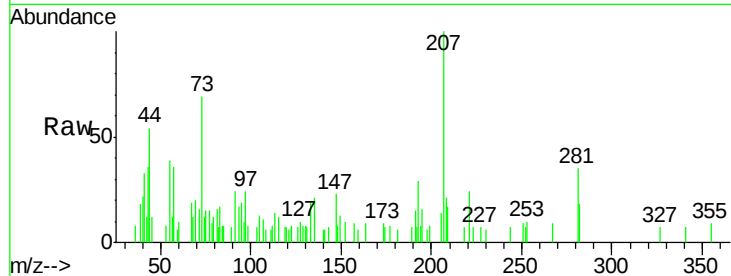
Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

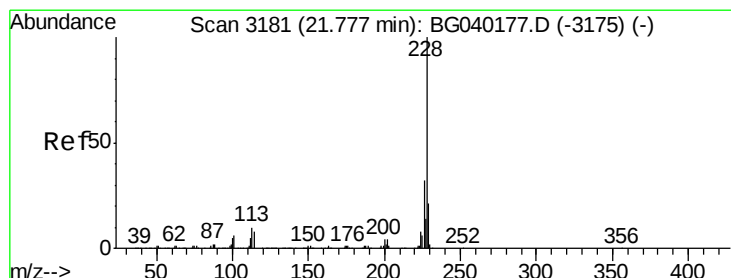
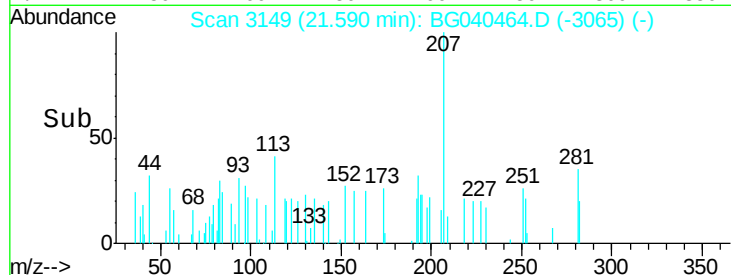
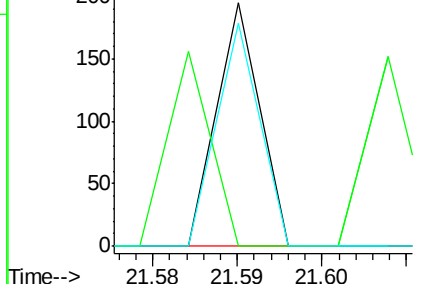
Tot Ion:252	Resp:	69
Ion Ratio	Lower	Upper
252	100	
254	0.0	51.4 77.2#
126	91.8	8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Chrysene

Concen: 0.003 ng

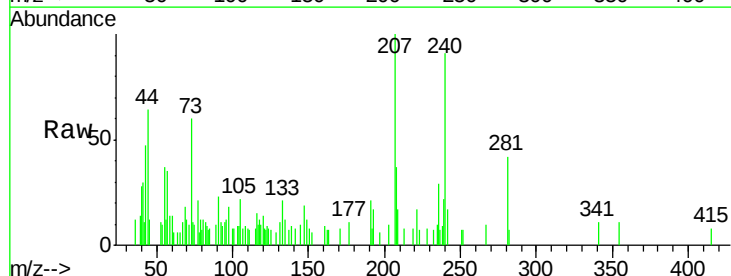
RT: 21.74 min Scan# 3174

Delta R.T. -0.04 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

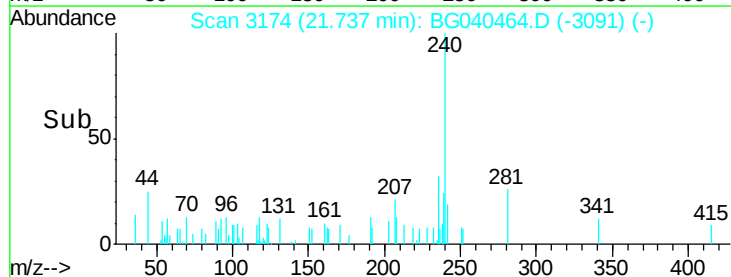
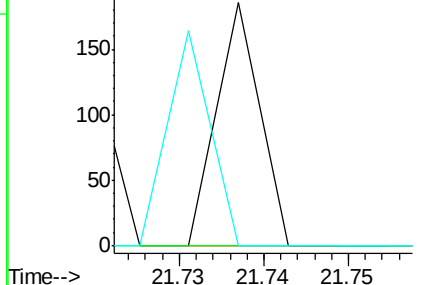
Tgt Ion:228	Resp:	66
Ion Ratio	Lower	Upper
228	100	
226	0.0	25.4 38.0#
229	0.0	17.0 25.4#

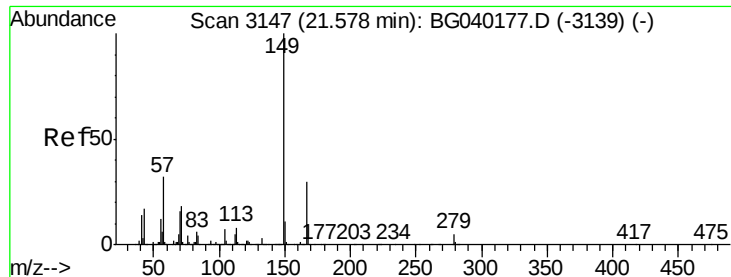


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

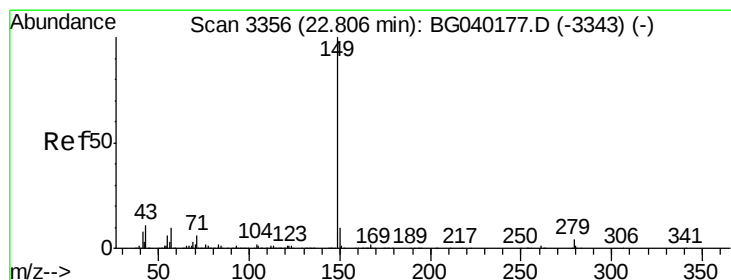
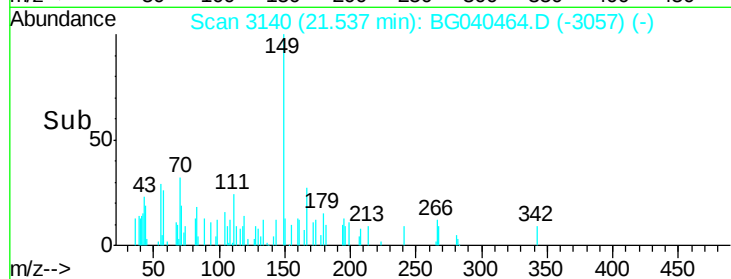
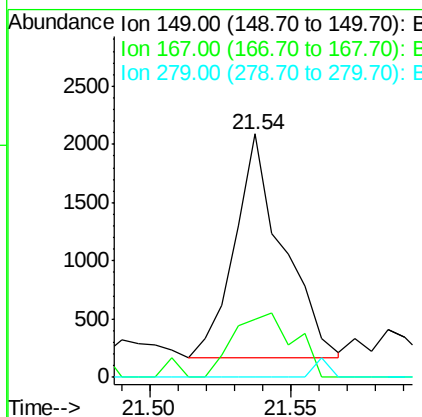
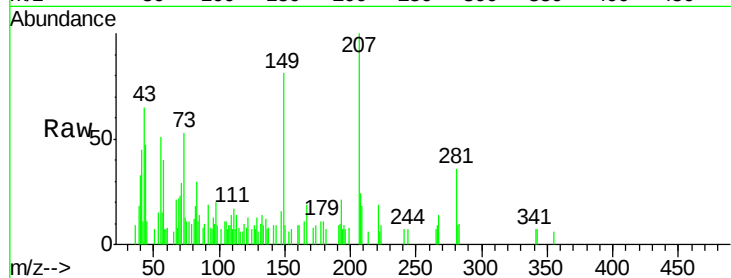




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.172 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.04 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

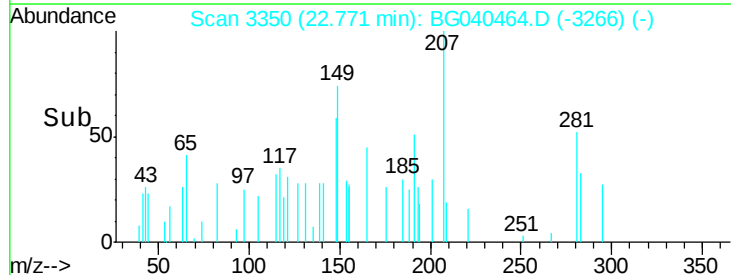
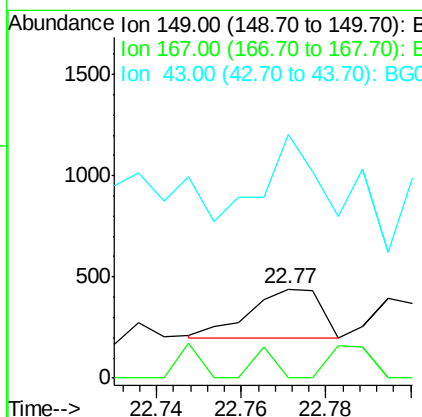
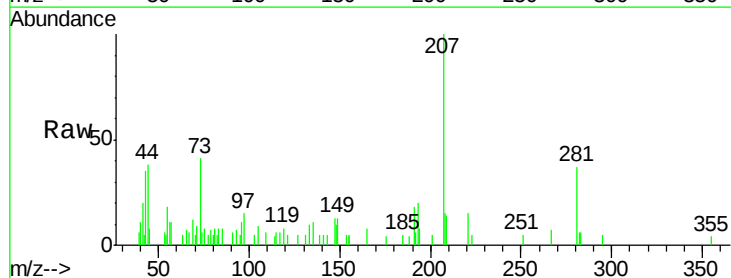
Instrument :
 BNA_G
 ClientSampleId :

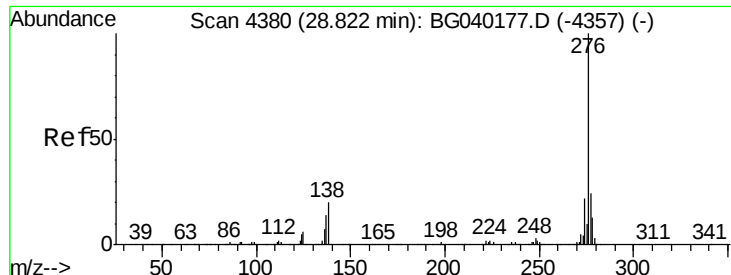
Tot Ion:149 Resp: 2264
 Ion Ratio Lower Upper
 149 100
 167 23.8 24.1 36.1#
 279 0.0 4.1 6.1#



#85
 Di-n-octyl phthalate
 Concen: 0.013 ng
 RT: 22.77 min Scan# 3350
 Delta R.T. -0.03 min
 Lab File: BG040464.D
 Acq: 12 Apr 2019 16:48

Tgt Ion:149 Resp: 287
 Ion Ratio Lower Upper
 149 100
 167 18.8 1.4 2.0#
 43 0.0 8.7 13.1#

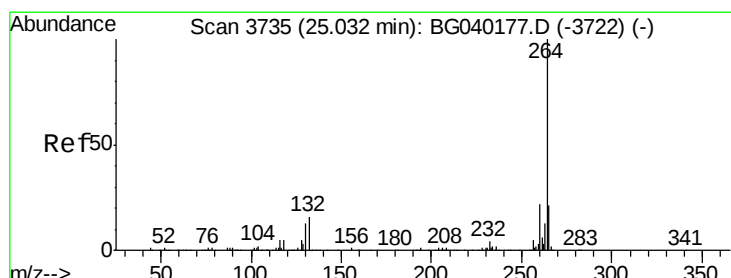
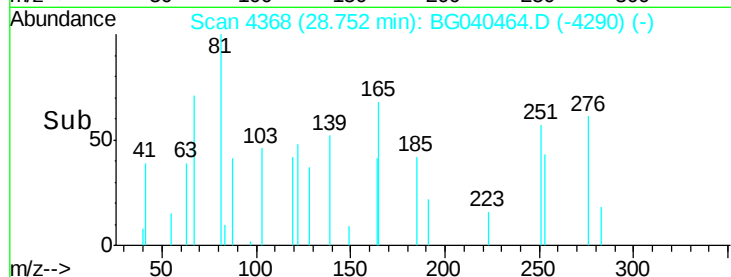
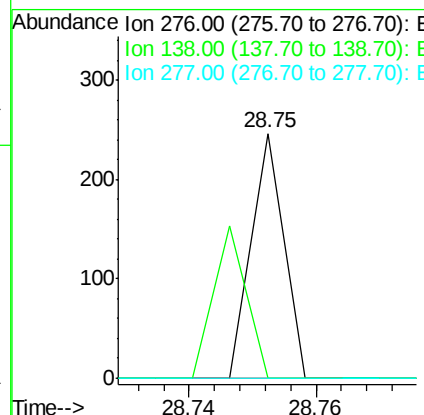
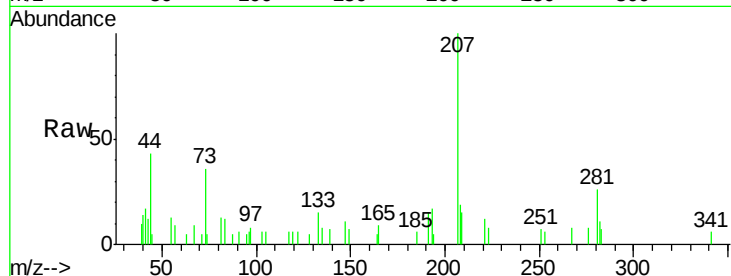




#86
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.07 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

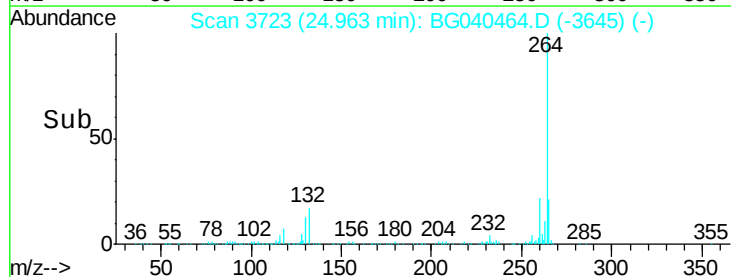
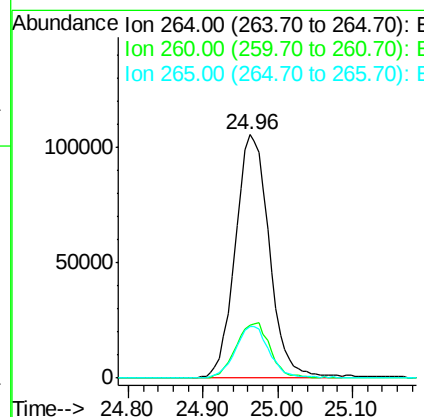
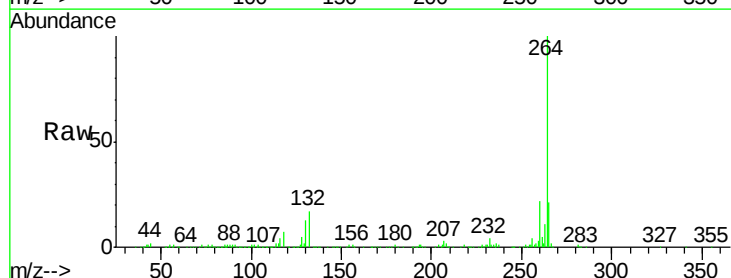
Instrument :
BNA_G
ClientSampleId :

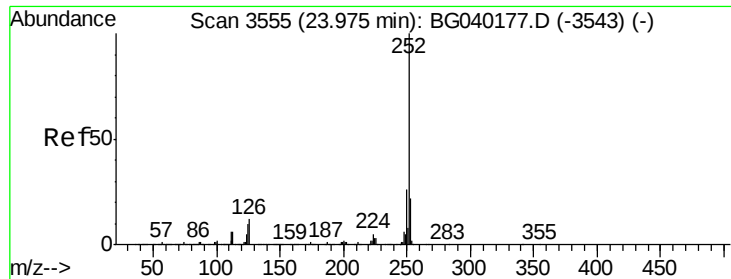
Tot Ion	Ratio	Lower	Upper
276	100		
138	62.1	18.8	28.2
277	0.0	21.0	31.4



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040464.D
Acq: 12 Apr 2019 16:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	17.9	26.9
265	21.5	16.8	25.2





#88

Benzo(b)fluoranthene

Concen: 0.003 ng

RT: 23.89 min Scan# 3541

Delta R.T. -0.08 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampled :

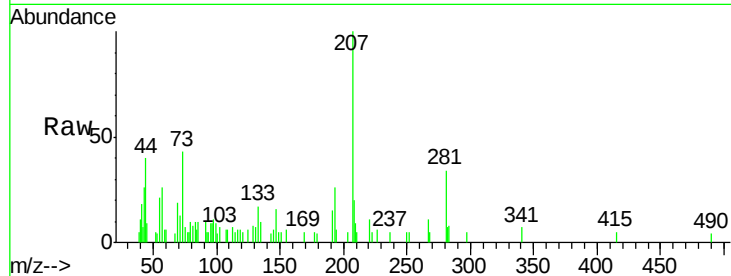
Tot Ion:252 Resp: 56

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

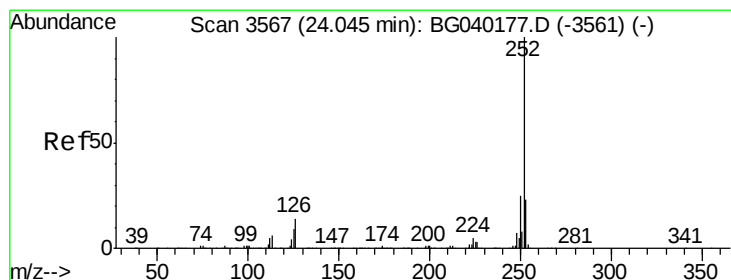
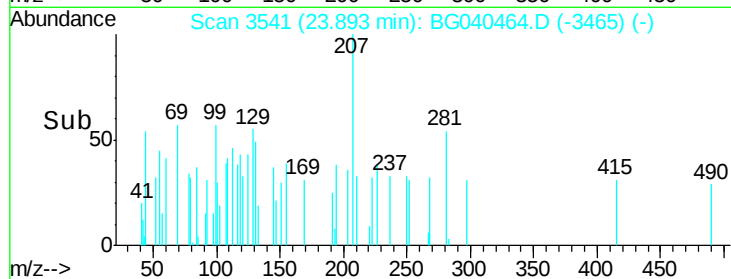
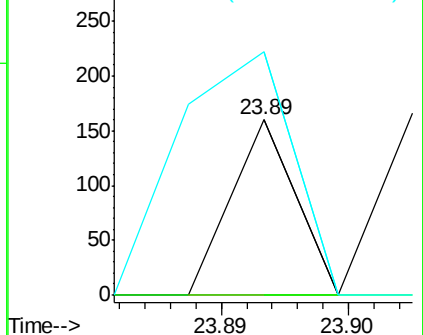
125 138.7 8.2 12.4#



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: 0.013 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.10 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

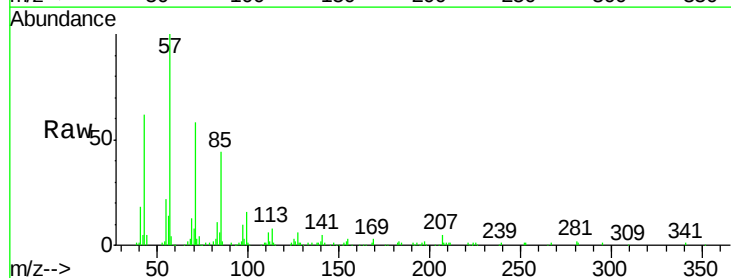
Tgt Ion:252 Resp: 252

Ion Ratio Lower Upper

252 100

253 154.3 18.6 28.0#

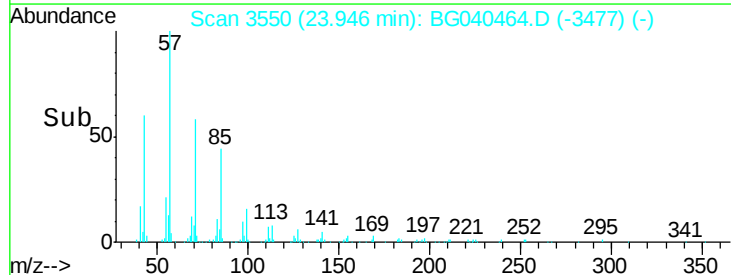
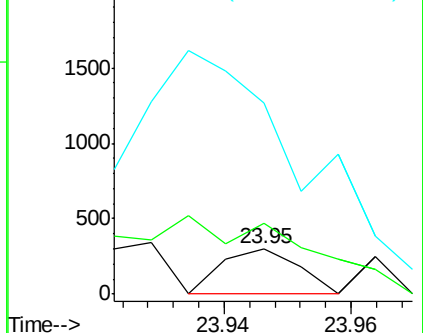
125 420.2 7.3 10.9#

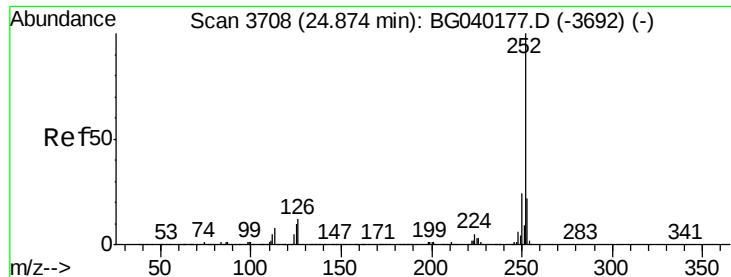


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 0.005 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

Instrument :

BNA_G

ClientSampleId :

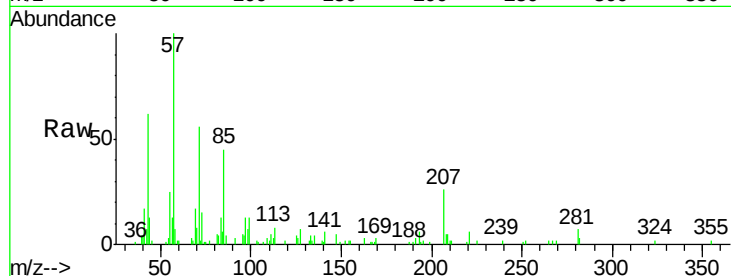
Tot Ion:252 Resp: 97

Ion Ratio Lower Upper

252 100

253 0.0 17.8 26.8#

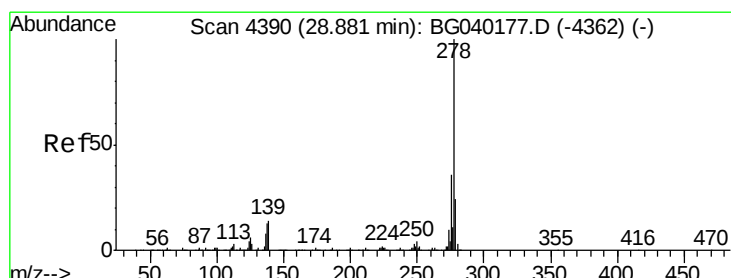
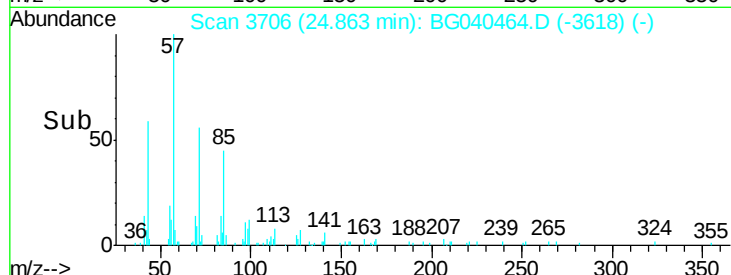
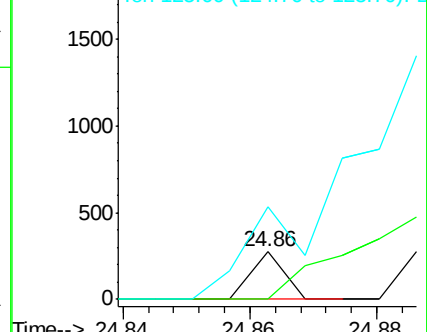
125 195.6 8.3 12.5#



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



#91

Dibenzo(a,h)anthracene

Concen: 0.003 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.03 min

Lab File: BG040464.D

Acq: 12 Apr 2019 16:48

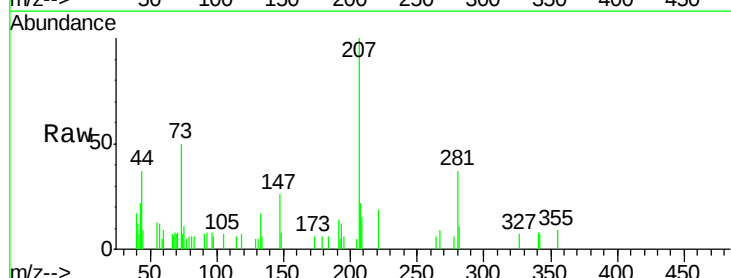
Tgt Ion:278 Resp: 59

Ion Ratio Lower Upper

278 100

139 0.0 11.2 16.8#

279 0.0 18.9 28.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

