

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
 Data File : BG045818.D
 Acq On : 19 Jun 2020 16:46
 Operator : CG/JU
 Sample : L3033-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616

Quant Time: Jun 19 17:38:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	48053	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	186217	20.00	ng	0.01
39) Acenaphthene-d10	14.57	164	121947	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	265603	20.00	ng	0.00
76) Chrysene-d12	21.58	240	274118	20.00	ng	0.00
86) Perylene-d12	24.70	264	296159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	159336	56.01	ng	0.02
7) Phenol-d6	7.18	99	154976	35.82	ng	0.01
23) Nitrobenzene-d5	9.10	82	343006	84.15	ng	0.01
42) 2,4,6-Tribromophenol	16.08	330	236533	128.47	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	726016	87.49	ng	0.01
79) Terphenyl-d14	19.94	244	1149364	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.39	88	4826625	3704.605	ng	# 86
3) Pyridine	3.83	79	205048	53.110	ng	# 36
4) n-Nitrosodimethylamine	3.71	42	368184	284.106	ng	# 1
6) Aniline	7.35	93	1140376	223.829	ng	# 54
8) 2-Chlorophenol	7.52	128	9625	3.161	ng	# 94
9) Benzaldehyde	7.07	77	6208	2.389	ng	# 15
10) Phenol	7.21	94	785770	187.420	ng	# 95
11) bis(2-Chloroethyl)ether	7.35	93	1140376	358.103	ng	# 98
12) 1,3-Dichlorobenzene	7.81	146	51143	14.094	ng	# 94
13) 1,4-Dichlorobenzene	7.96	146	239675	66.128	ng	# 96
14) 1,2-Dichlorobenzene	8.28	146	1066845	307.463	ng	# 95
15) Benzyl Alcohol	8.25	79	20302	6.063	ng	# 1
16) 2,2'-oxybis(1-Chloropropan	8.01	45	7157	2.385	ng	# 81
17) 2-Methylphenol	8.44	107	1050878	336.807	ng	# 95
18) Hexachloroethane	9.03	117	5587	4.059	ng	# 1
19) n-Nitroso-di-n-propylamine	8.79	70	6531	2.296	ng	# 1
20) 3+4-Methylphenols	8.83	107	6196378	1510.047	ng	# 73
22) Acetophenone	8.76	105	188339	36.849	ng	# 1
24) Nitrobenzene	9.39	77	128537	29.574	ng	# 72
26) 2-Nitrophenol	9.93	139	10574	5.840	ng	# 28
27) 2,4-Dimethylphenol	10.03	122	2738140	990.465	ng	# 95
28) bis(2-Chloroethoxy)methane	10.20	93	208098	50.485	ng	# 1
31) Naphthalene	10.79	128	464618	45.637	ng	# 98
32) Benzoic acid	10.03	122	2738140	1250.552	ng	# 20
35) Caprolactam	11.71	113	6896	6.607	ng	# 1
36) 4-Chloro-3-methylphenol	12.09	107	139480	37.454	ng	# 23
37) 2-Methylnaphthalene	12.62	142	29964	3.952	ng	# 97
38) 1-Methylnaphthalene	12.62	142	29964	4.177	ng	# 99
46) 1,1'-Biphenyl	13.43	154	68670	7.865	ng	# 90
48) 2-Nitroaniline	13.87	65	189403	80.737	ng	# 23
50) Dimethylphthalate	14.03	163	75524	7.906	ng	# 97
53) 3-Nitroaniline	14.06	138	96692	45.116	ng	# 6
54) 2,4-Dinitrophenol	14.70	184	221	9.988	ng	# 1
56) 4-Nitrophenol	14.86	139	4782	6.933	ng	# 58

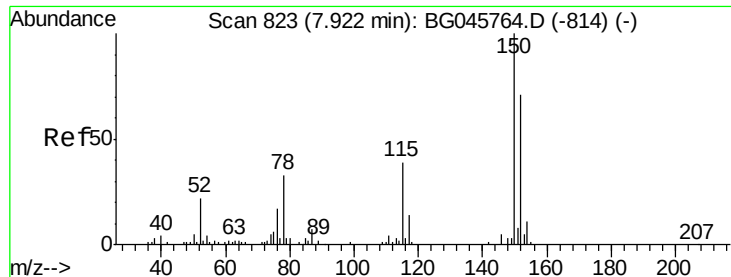
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045818.D
Acq On : 19 Jun 2020 16:46
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 18:34:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
60) Diethylphthalate	15.40	149	65474	6.704	ng	95
67) 4-Bromophenyl-phenylether	16.08	248	15360	4.451	ng #	1
70) Pentachlorophenol	17.27	266	69	7.668	ng #	17

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

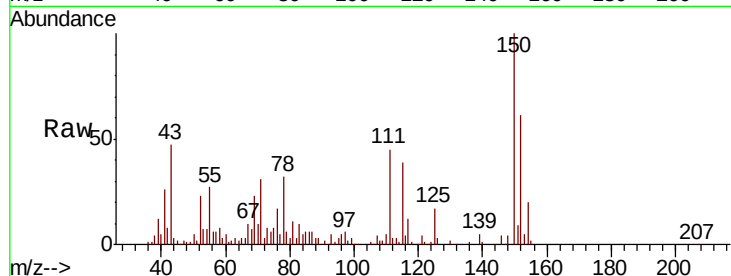


#1

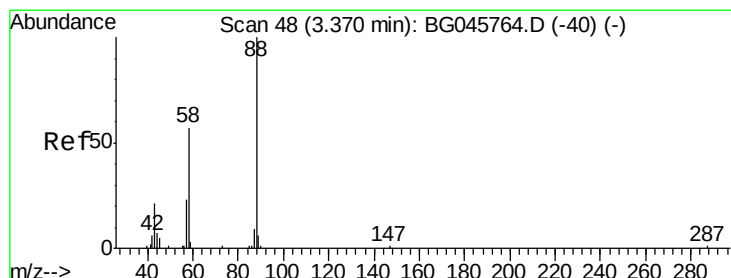
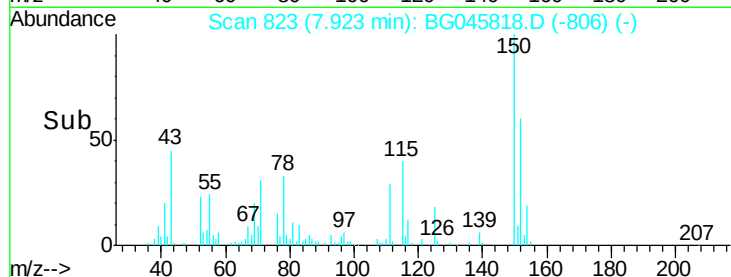
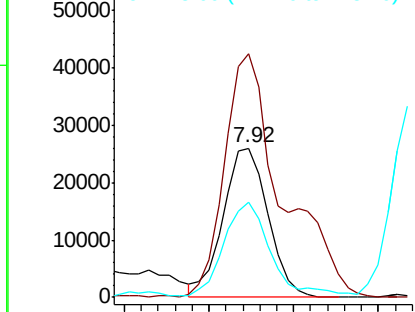
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 823
Delta R.T. 0.00 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion:152 Resp: 48053
Ion Ratio Lower Upper
152 100
150 163.4 113.1 169.7
115 64.2 43.8 65.6



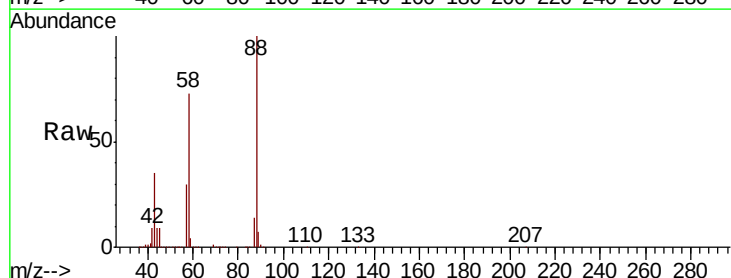
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



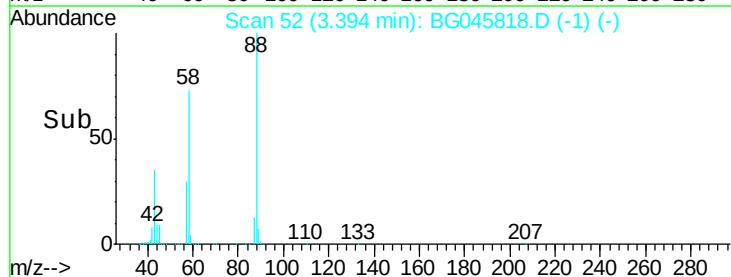
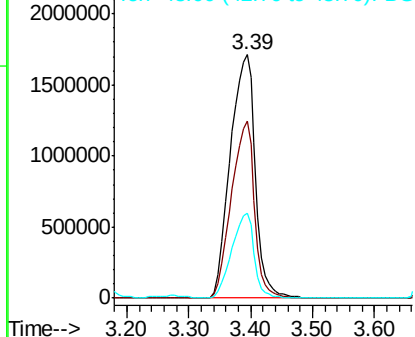
#2

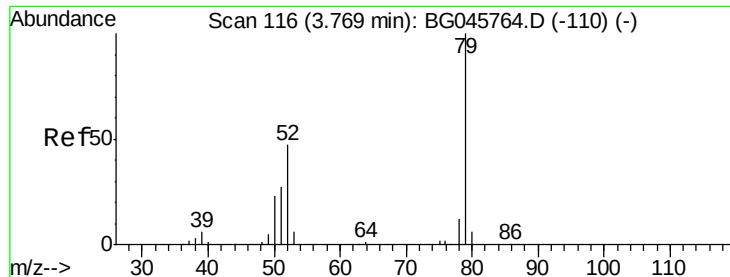
1,4-Dioxane
Concen: 3704.605 ng
RT: 3.39 min Scan# 52
Delta R.T. 0.02 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion: 88 Resp: 4826625
Ion Ratio Lower Upper
88 100
58 67.3 46.1 69.1
43 31.2 19.2 28.8#



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





#3

Pvridine

Concen: 53.110 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.06 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

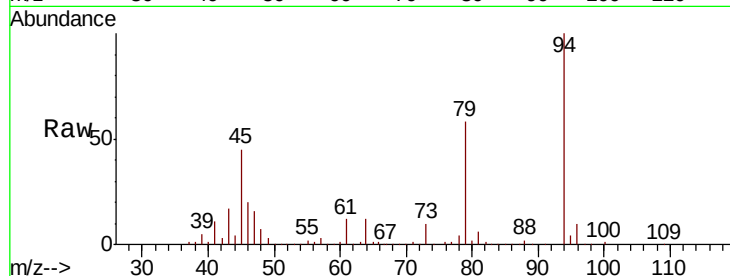
Tot Ion: 79 Resp: 205048

Ion Ratio Lower Upper

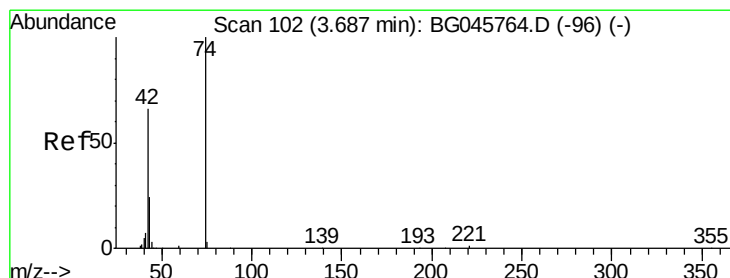
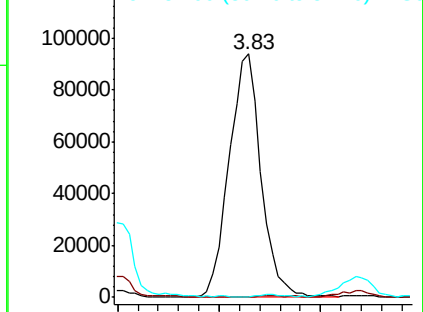
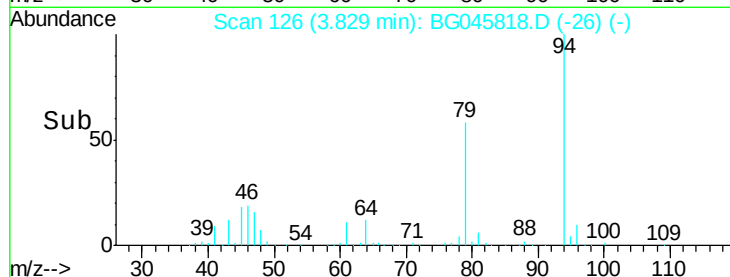
79 100

52 0.3 37.9 56.9#

51 0.4 22.0 33.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 284.106 ng

RT: 3.71 min Scan# 105

Delta R.T. 0.02 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

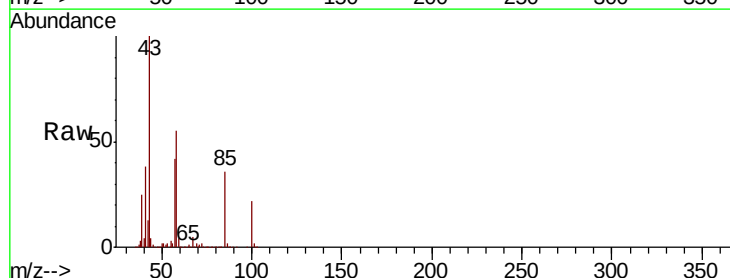
Tgt Ion: 42 Resp: 368184

Ion Ratio Lower Upper

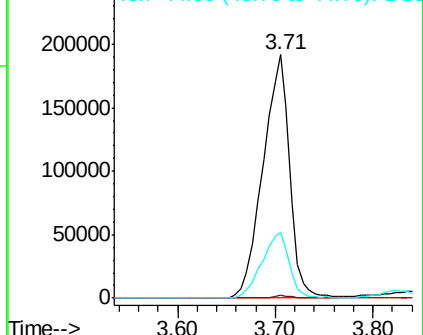
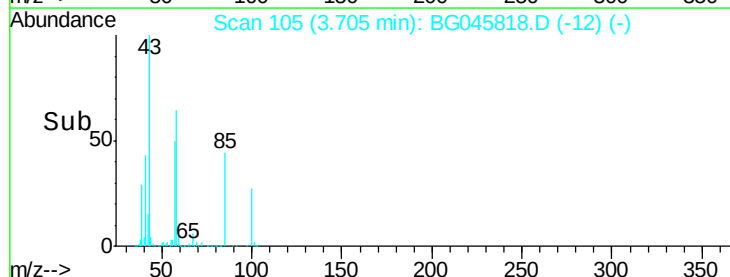
42 100

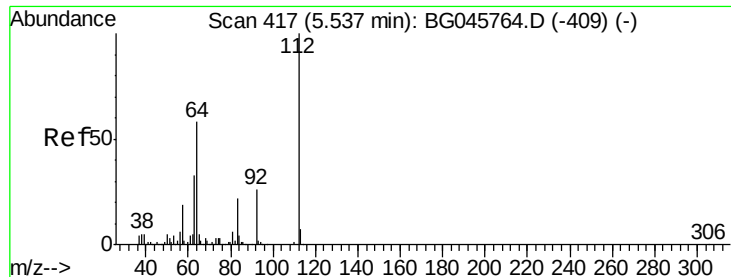
74 1.0 121.0 181.4#

44 27.2 3.5 5.3#



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: 56.012 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.02 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

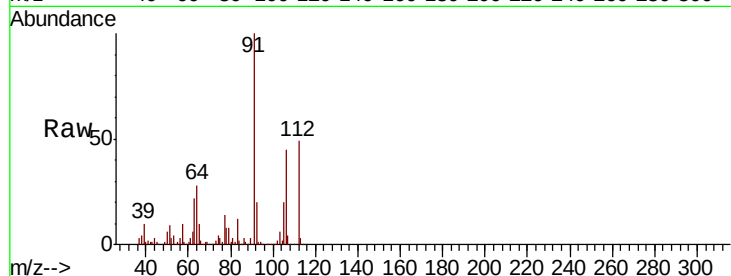
Tot Ion:112 Resp: 159336

Ion Ratio Lower Upper

112 100

64 57.7 46.6 69.8

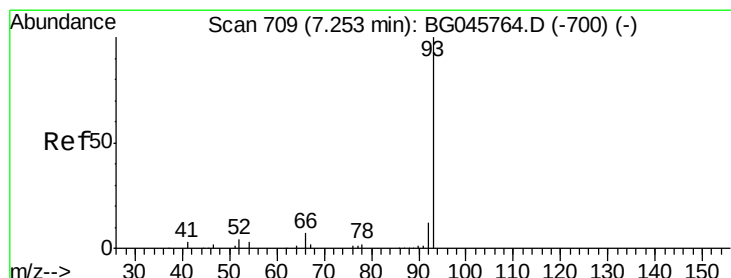
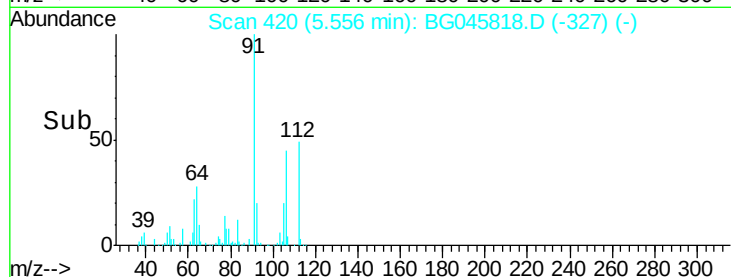
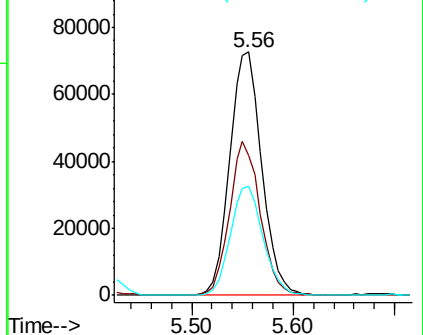
63 45.1 26.3 39.5#



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: 223.829 ng

RT: 7.35 min Scan# 726

Delta R.T. 0.10 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

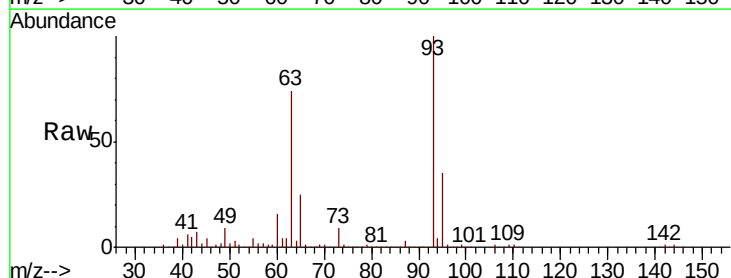
Tgt Ion: 93 Resp: 1140376

Ion Ratio Lower Upper

93 100

66 0.6 30.0 45.0#

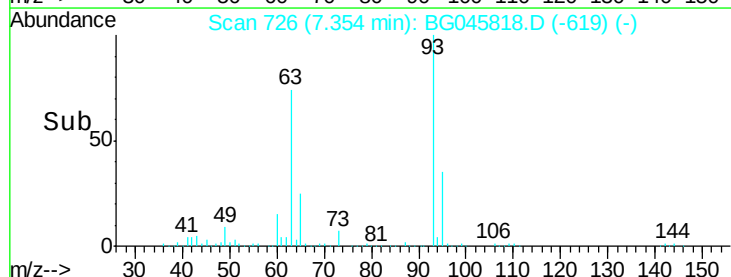
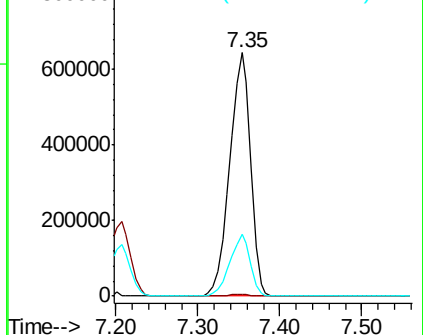
65 25.2 14.7 22.1#

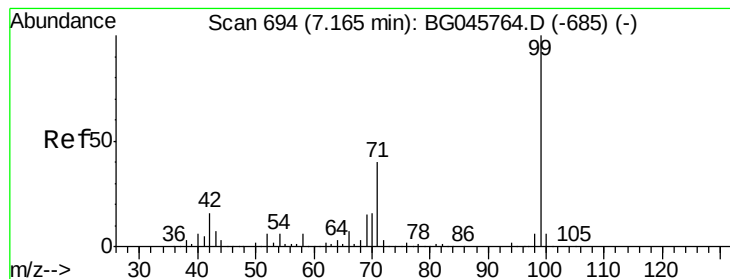


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 35.816 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

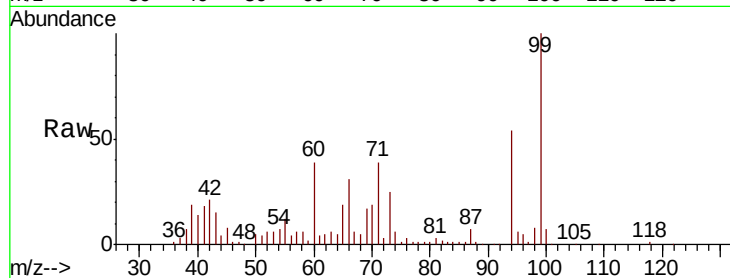
Tot Ion: 99 Resp: 154976

Ion Ratio Lower Upper

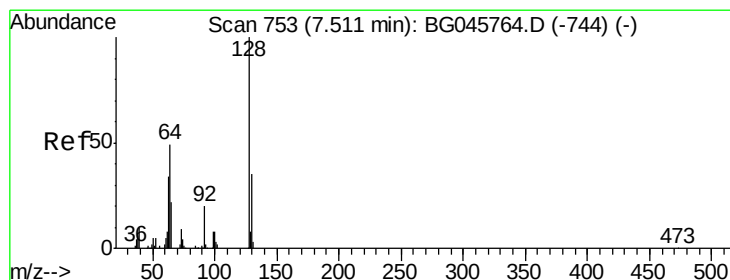
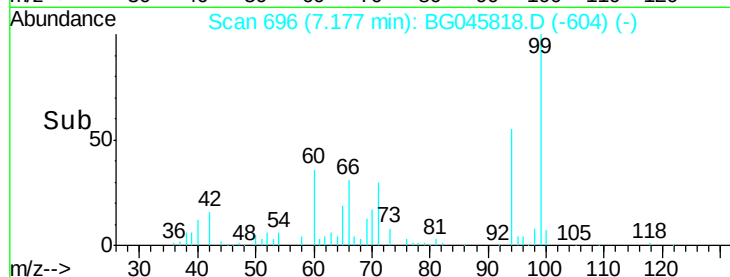
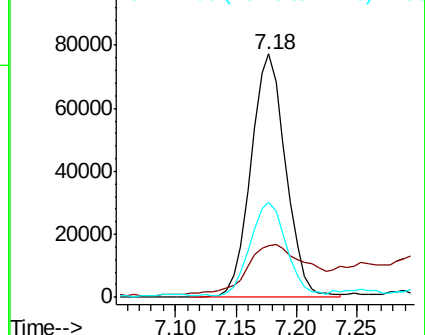
99 100

42 21.2 12.4 18.6#

71 39.1 32.1 48.1



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



#8

2-Chlorophenol

Concen: 3.161 ng

RT: 7.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

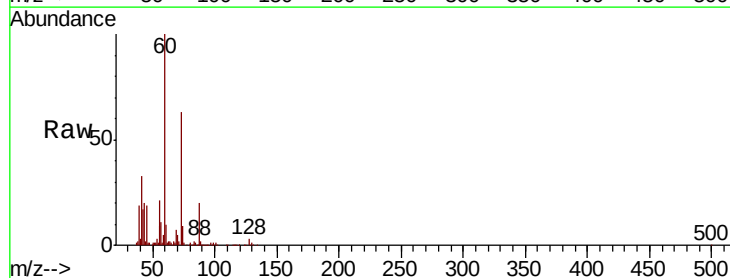
Tgt Ion: 128 Resp: 9625

Ion Ratio Lower Upper

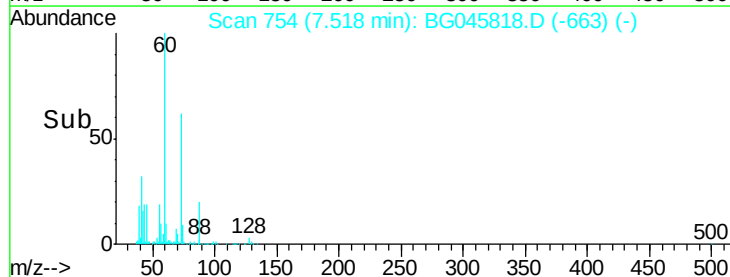
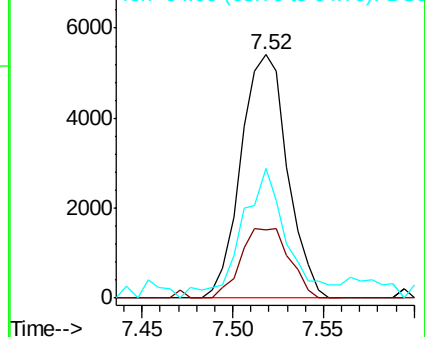
128 100

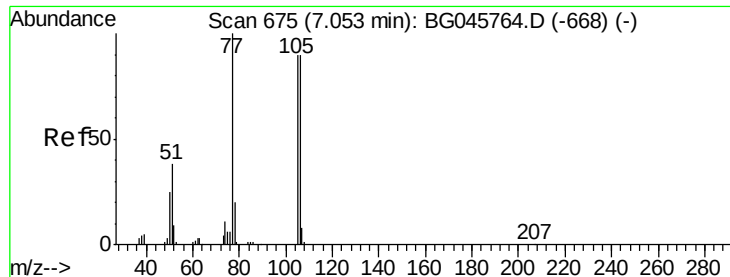
130 28.1 14.5 54.5

64 53.3 31.6 71.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 2.389 ng

RT: 7.07 min Scan# 677

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

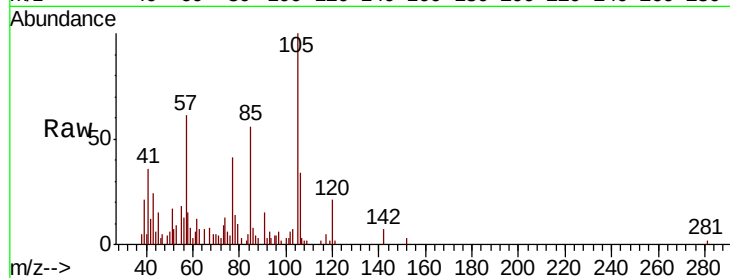
Tot Ion: 77 Resp: 6208

Ion Ratio Lower Upper

77 100

105 245.4 70.4 110.4#

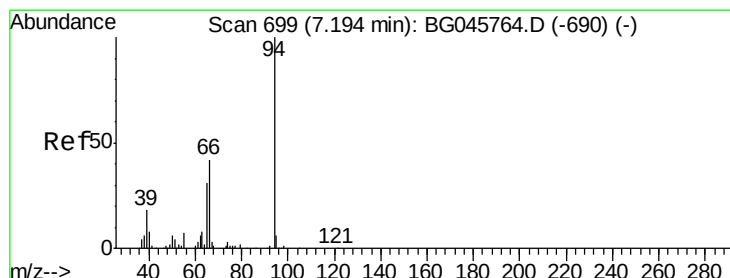
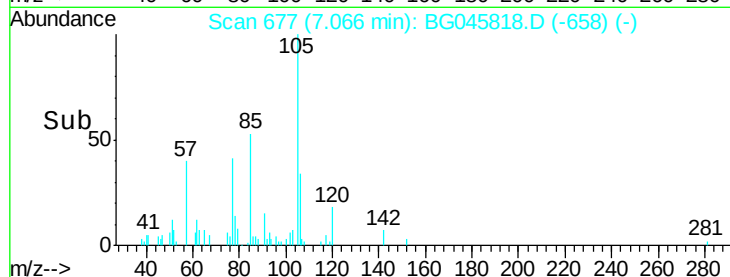
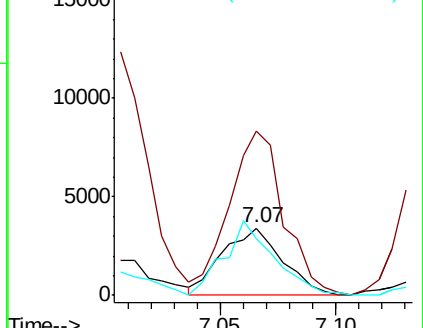
106 83.9 70.2 110.2



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: 187.420 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

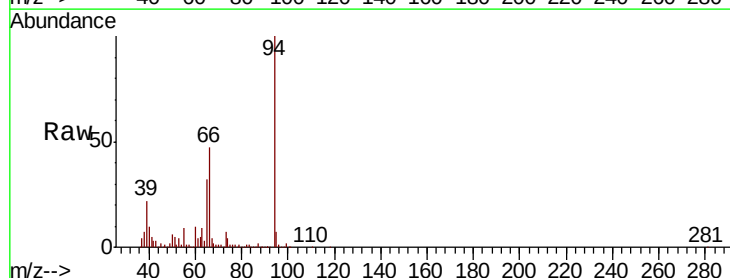
Tgt Ion: 94 Resp: 785770

Ion Ratio Lower Upper

94 100

65 32.2 10.7 50.7

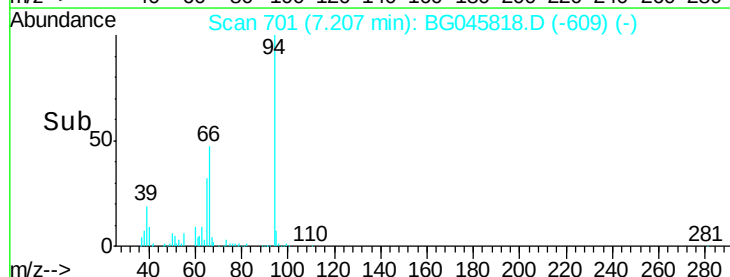
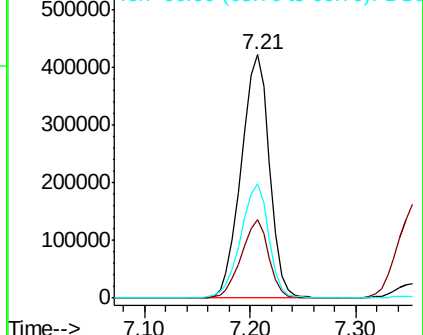
66 46.8 22.5 62.5

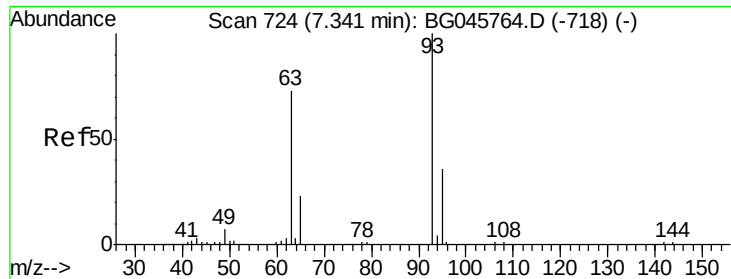


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

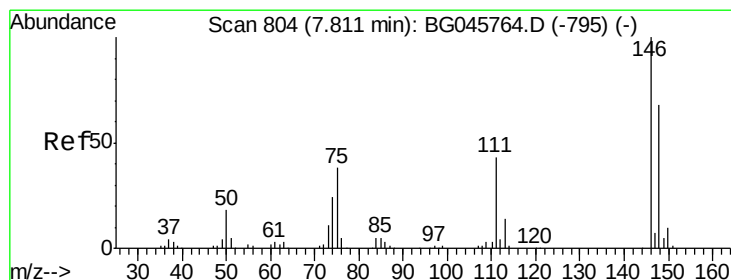
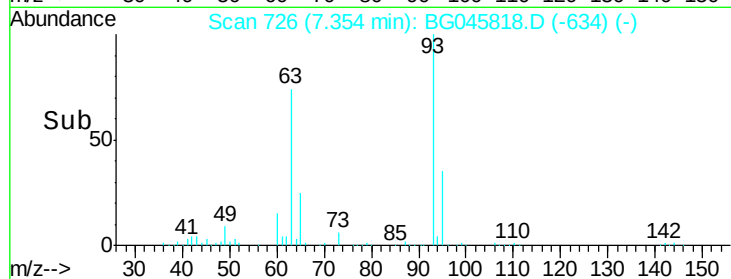
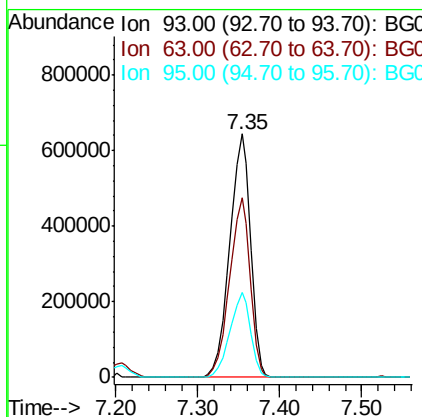
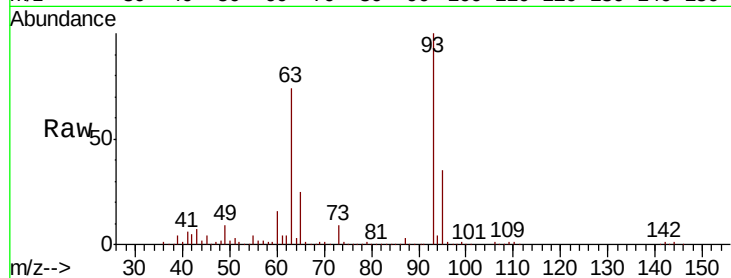




#11
bis(2-Chloroethyl)ether
Concen: 358.103 ng
RT: 7.35 min Scan# 726
Delta R.T. 0.01 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

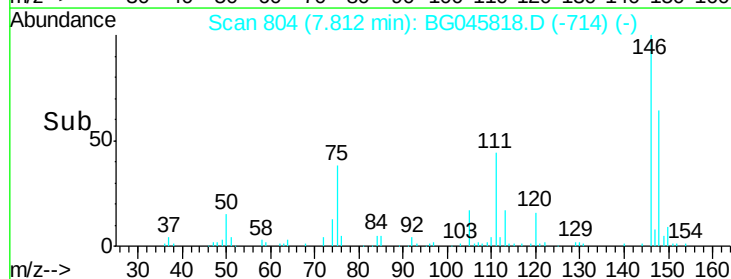
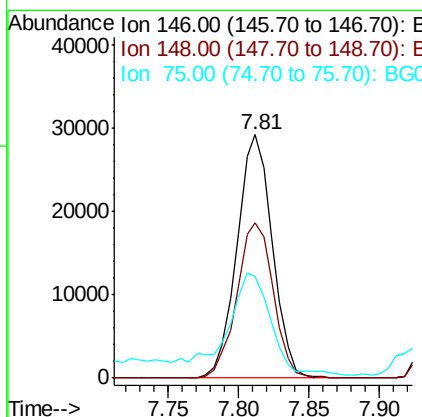
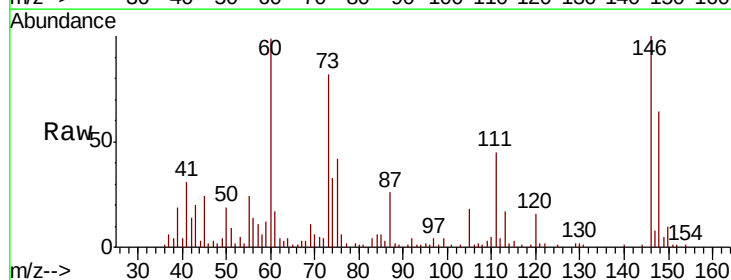
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

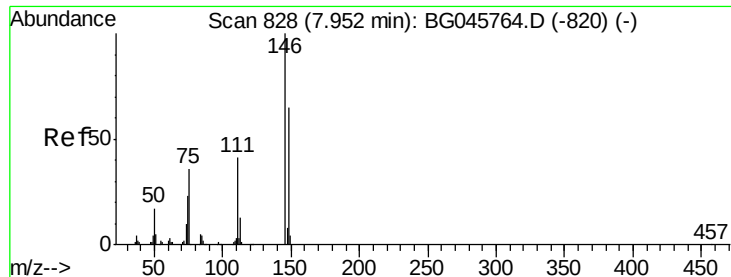
Tot Ion: 93 Resp: 1140376
Ion Ratio Lower Upper
93 100
63 73.9 52.0 92.0
95 35.0 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 14.094 ng
RT: 7.81 min Scan# 804
Delta R.T. 0.00 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion: 146 Resp: 51143
Ion Ratio Lower Upper
146 100
148 64.0 54.2 81.4
75 41.9 30.1 45.1

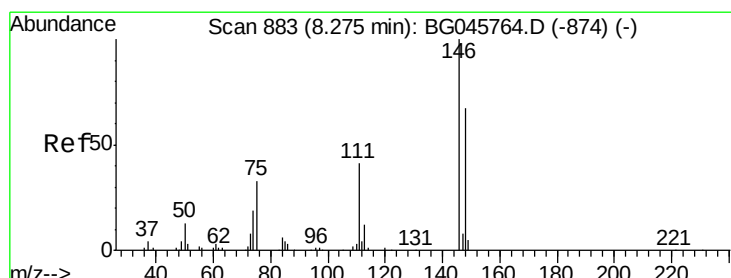
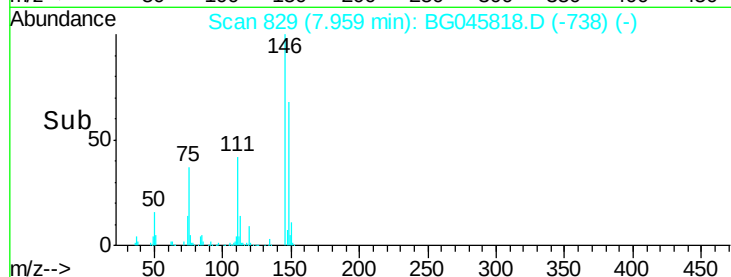
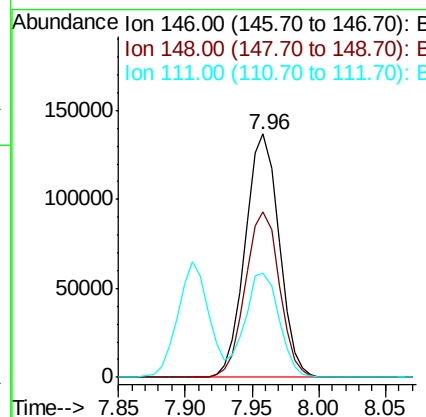
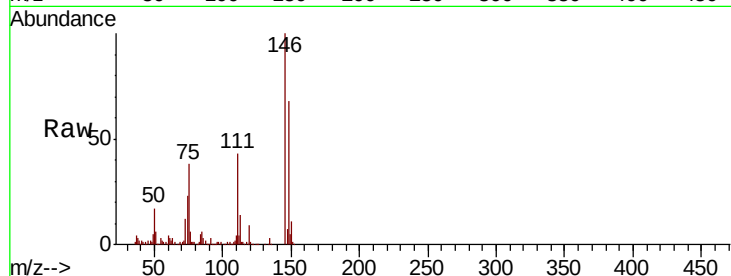




#13
 1,4-Dichlorobenzene
 Concen: 66.128 ng
 RT: 7.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

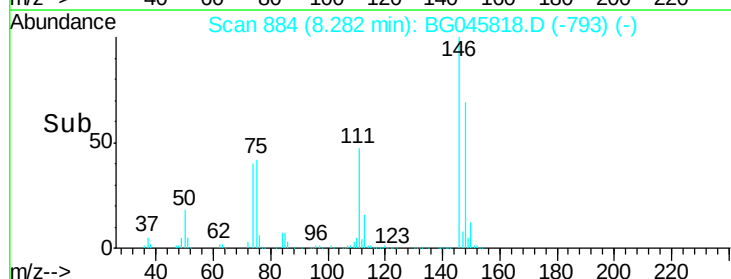
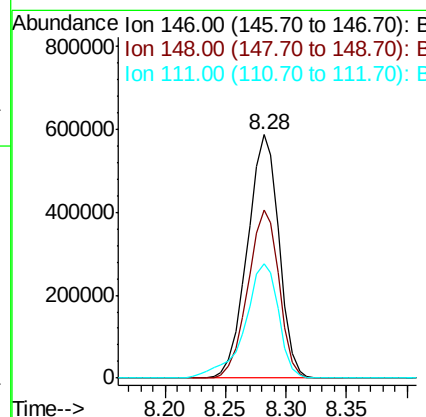
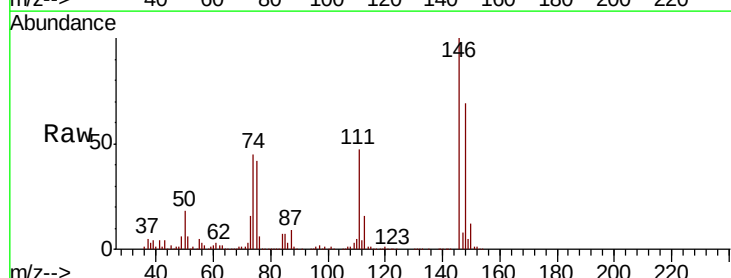
Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616

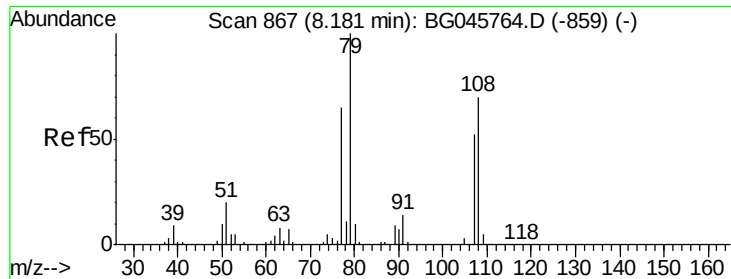
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.8	77.6
111	42.5	32.8	49.2



#14
 1,2-Dichlorobenzene
 Concen: 307.463 ng
 RT: 8.28 min Scan# 884
 Delta R.T. 0.01 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	69.2	54.1	81.1
111	47.1	32.9	49.3





#15

Benzyl Alcohol

Concen: 6.063 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.07 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

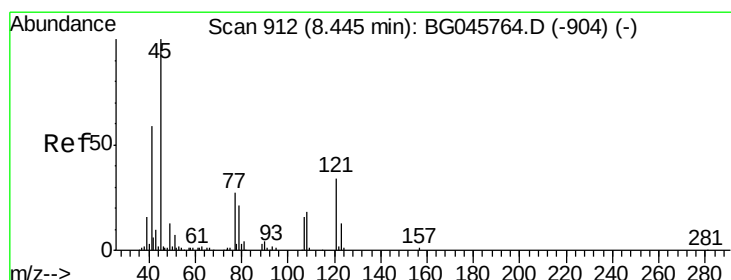
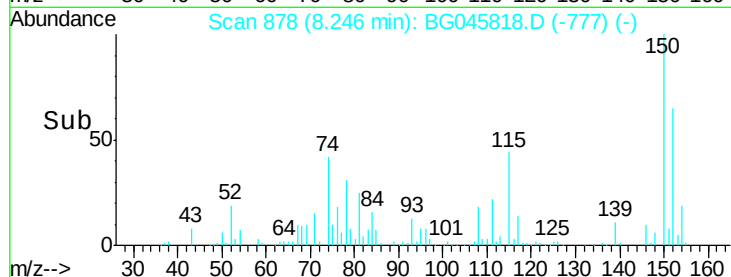
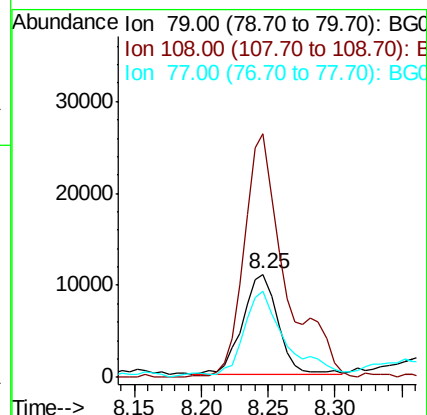
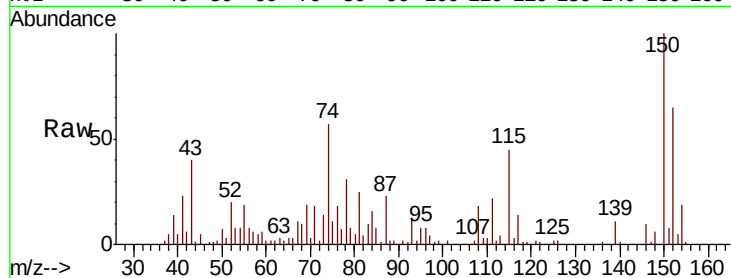
Tot Ion: 79 Resp: 20302

Ion Ratio Lower Upper

79 100

108 236.1 56.2 84.4#

77 84.2 52.2 78.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.385 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.43 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

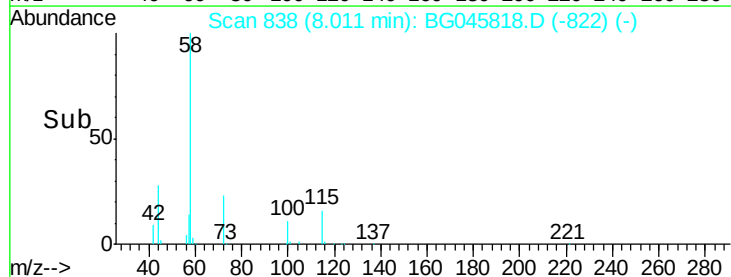
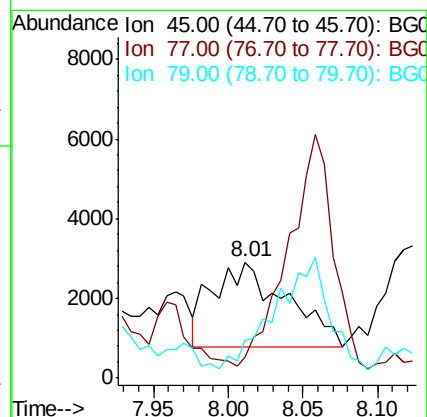
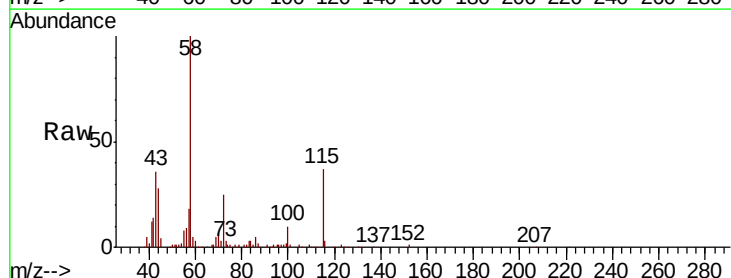
Tgt Ion: 45 Resp: 7157

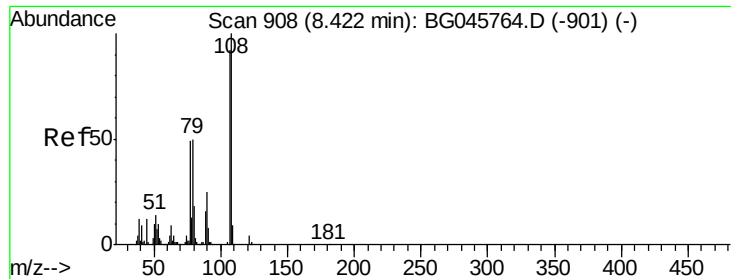
Ion Ratio Lower Upper

45 100

77 18.3 14.9 54.9

79 32.7 9.2 49.2





#17

2-Methylphenol

Concen: 336.807 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.02 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

Tot Ion:107 Resp: 1050878

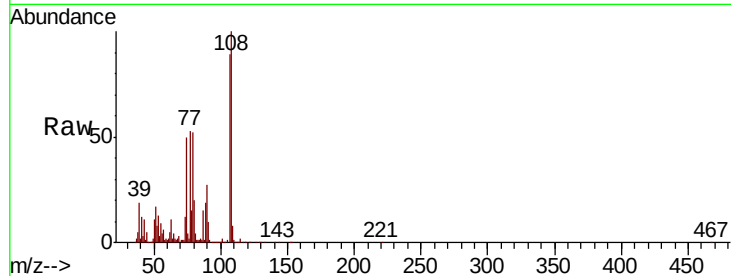
Ion Ratio Lower Upper

107 100

108 112.0 87.4 131.0

77 59.5 42.5 63.7

79 57.7 44.0 66.0

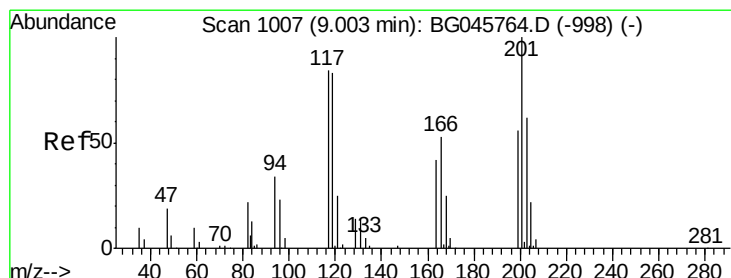
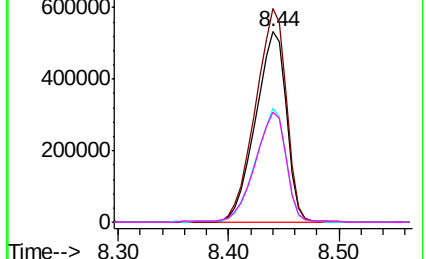
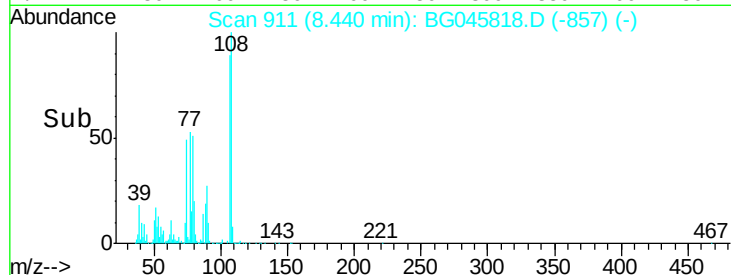


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 4.059 ng

RT: 9.03 min Scan# 1012

Delta R.T. 0.03 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

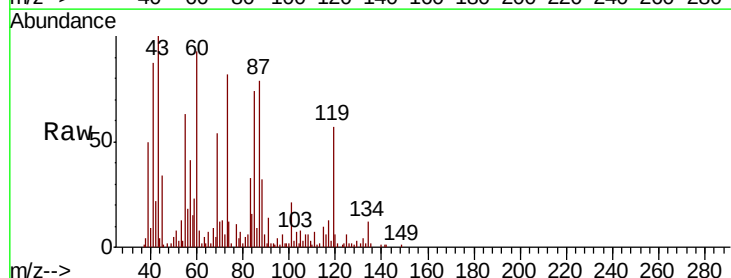
Tgt Ion:117 Resp: 5587

Ion Ratio Lower Upper

117 100

119 446.8 78.9 118.3#

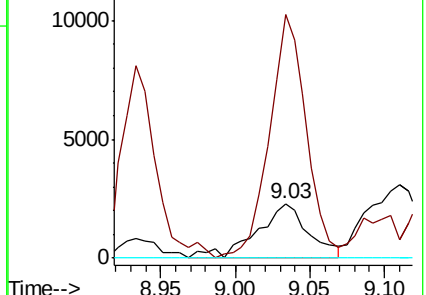
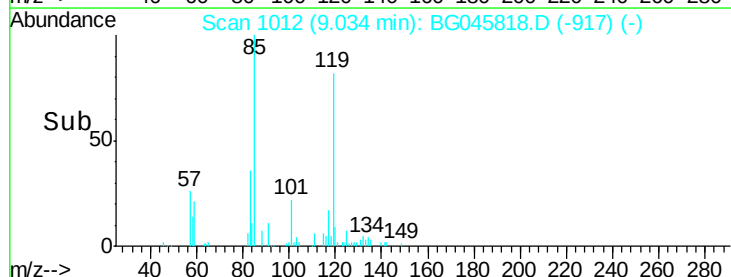
201 0.0 95.5 143.3#

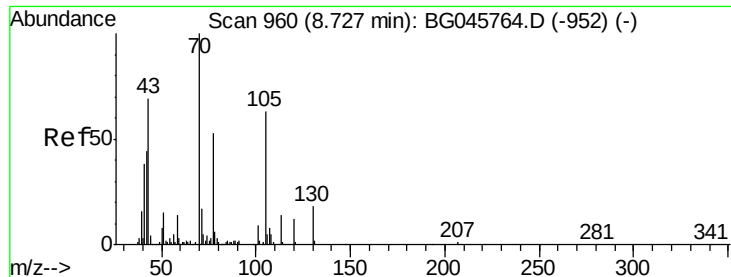


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 2.296 ng

RT: 8.79 min Scan# 970

Delta R.T. 0.06 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

Tot Ion: 70 Resp: 6531

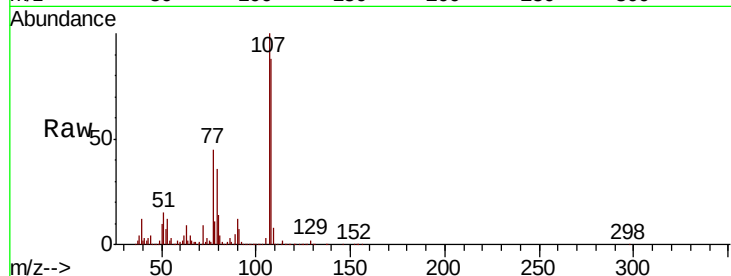
Ion Ratio Lower Upper

70 100

42 380.9 35.1 52.7#

101 16.1 7.4 11.0#

130 34.7 14.6 21.8#

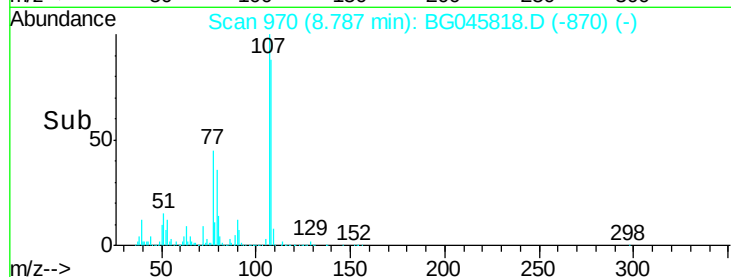


Abundance Ion 70.00 (69.70 to 70.70): BGC

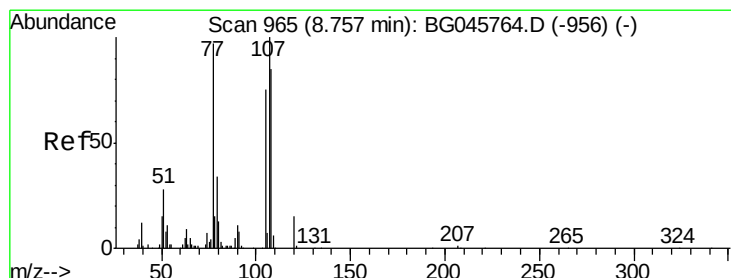
Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



Time--> 8.74 8.76 8.78 8.80 8.82



#20

3+4-Methylphenols

Concen: 1510.047 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.07 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Tgt Ion: 107 Resp: 6196378

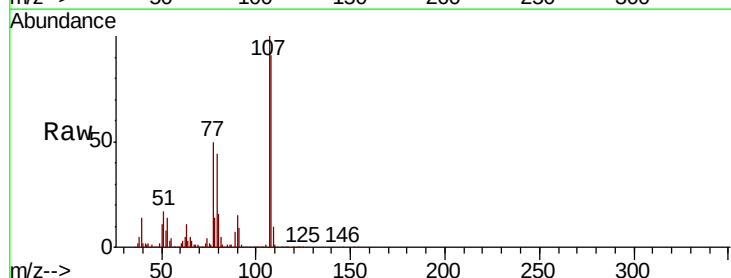
Ion Ratio Lower Upper

107 100

108 91.3 65.4 105.4

77 49.7 77.2 117.2#

79 44.2 14.2 54.2

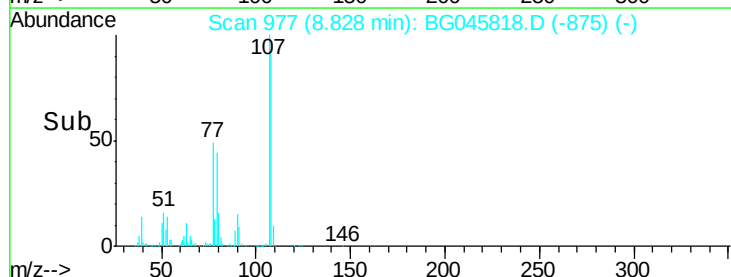


Abundance Ion 107.00 (106.70 to 107.70): BGC

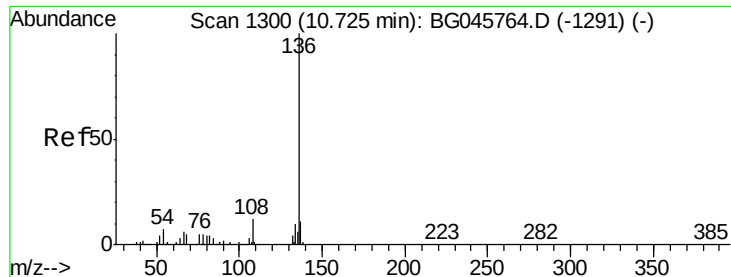
Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



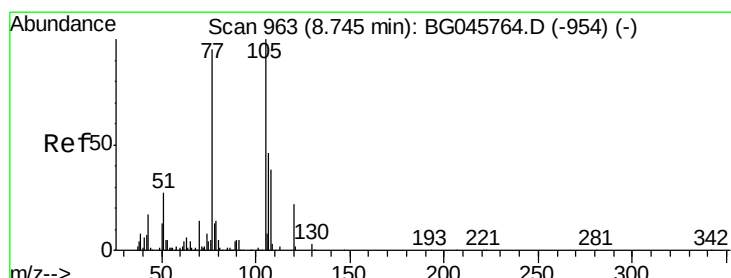
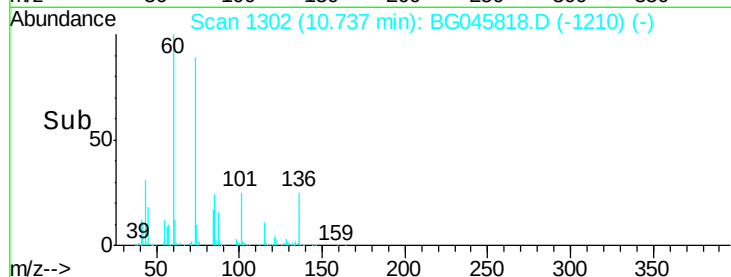
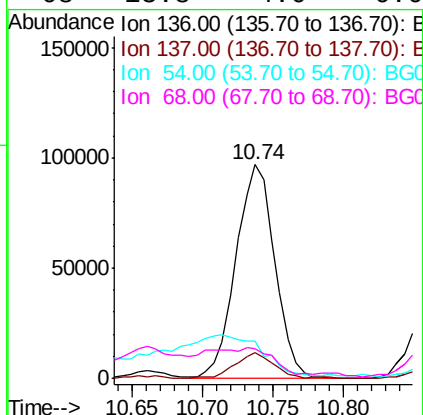
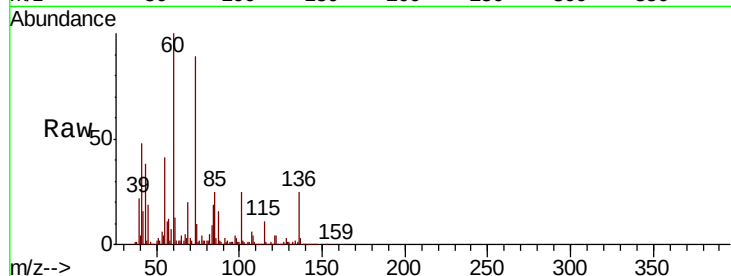
Time--> 8.60 8.70 8.80 8.90 9.00



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

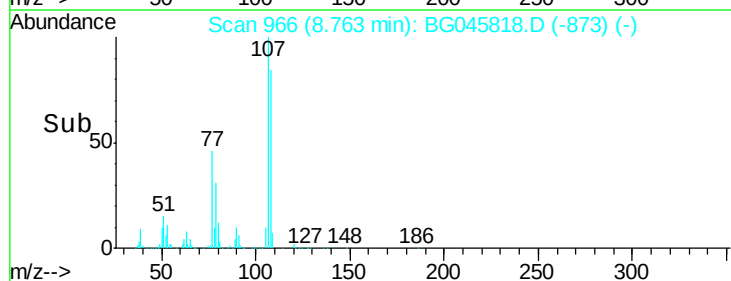
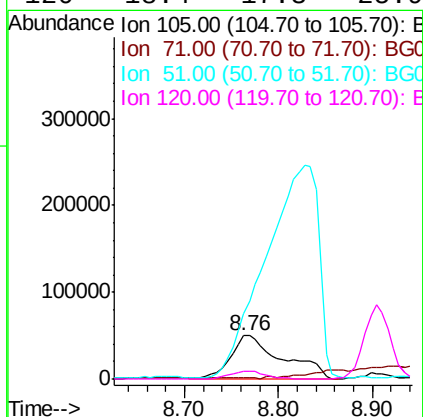
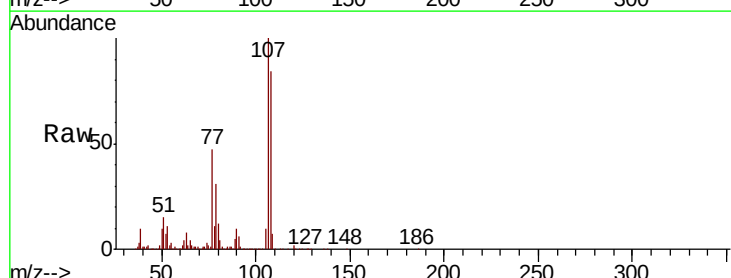
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

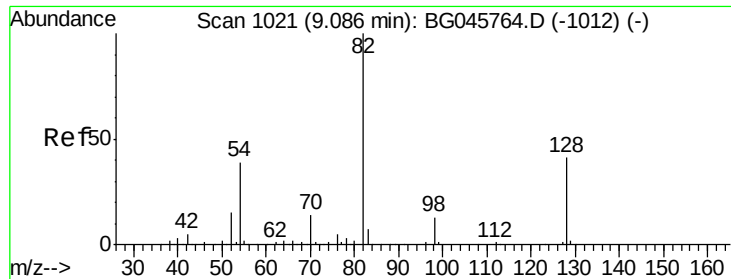
Tot Ion:136	Resp:	186217
Ion Ratio	Lower	Upper
136 100		
137 12.1	8.7	13.1
54 17.5	5.8	8.6#
68 13.8	4.0	6.0#



#22
Acetophenone
Concen: 36.849 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.02 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt	Ion:105	Resp:	188339
Ion	Ratio	Lower	Upper
105	100		
71	3.9	1.8	2.8#
51	150.4	21.9	32.9#
120	18.4	17.3	25.9

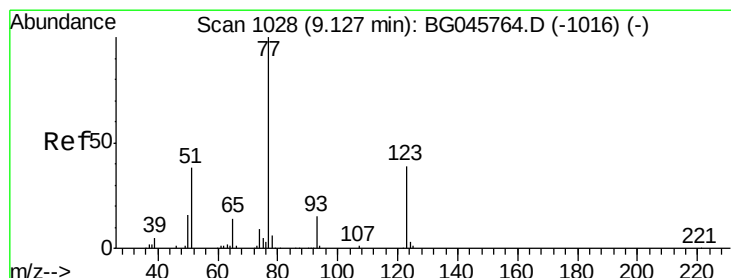
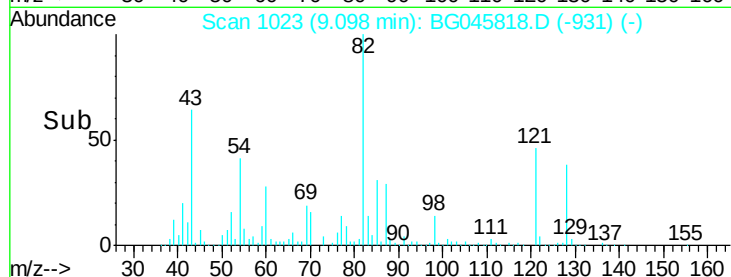
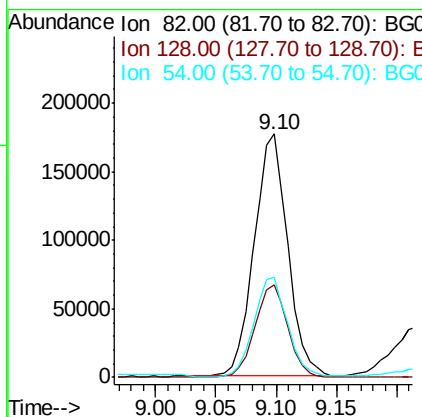
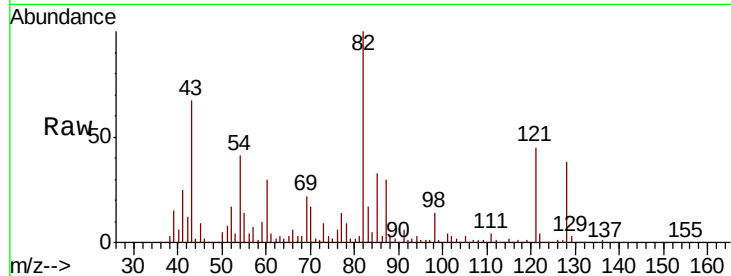




#23
 Nitrobenzene-d5
 Concen: 84.147 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. 0.01 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

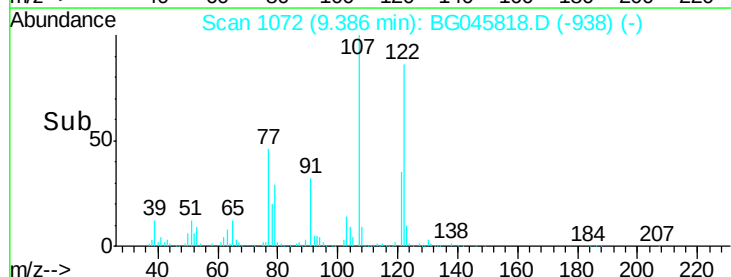
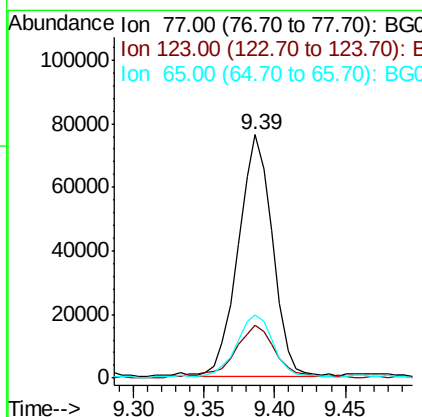
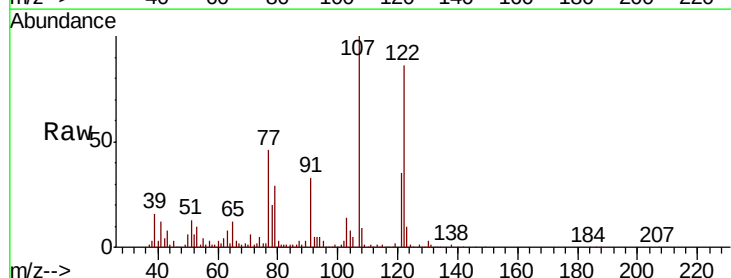
Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616

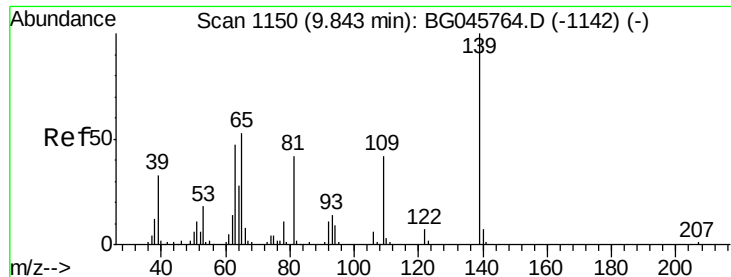
Tot Ion	82	Resp	343006
Ion Ratio	Lower	Upper	
82	100		
128	38.2	32.5	48.7
54	41.2	31.2	46.8



#24
 Nitrobenzene
 Concen: 29.574 ng
 RT: 9.39 min Scan# 1072
 Delta R.T. 0.26 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

Tgt Ion	77	Resp	128537
Ion Ratio	Lower	Upper	
77	100		
123	21.9	31.2	46.8#
65	26.0	11.4	17.2#





#26

2-Nitrophenol

Concen: 5.840 ng

RT: 9.93 min Scan# 1165

Delta R.T. 0.09 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

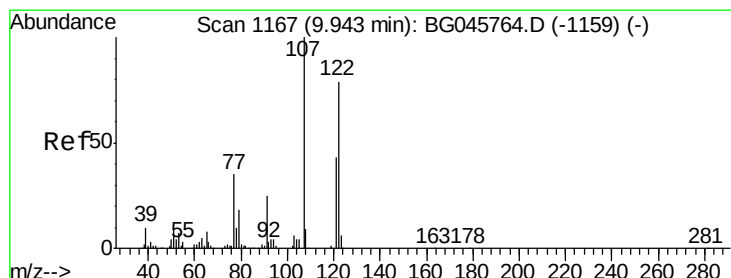
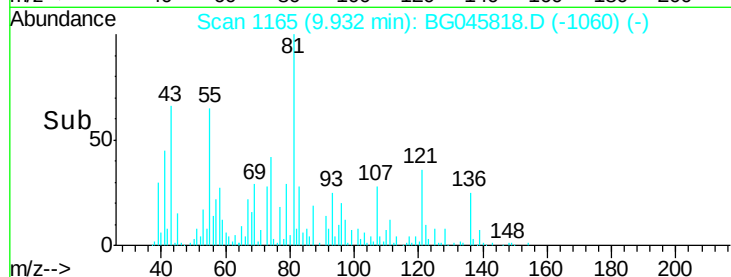
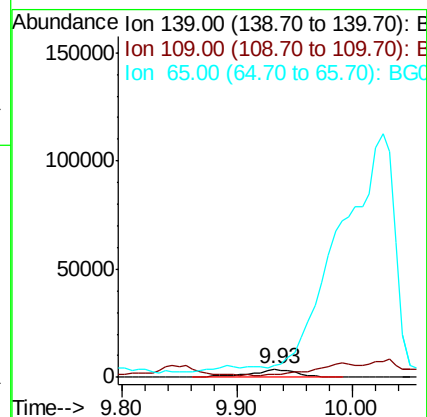
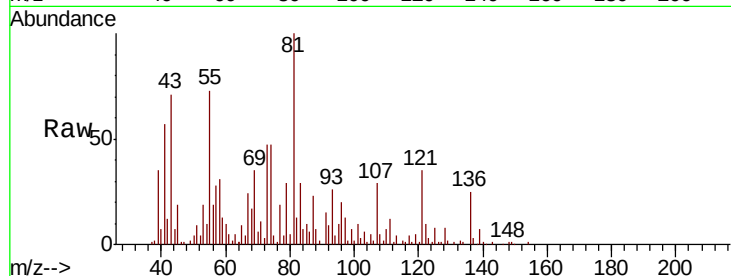
Tot Ion:139 Resp: 10574

Ion Ratio Lower Upper

139 100

109 36.8 33.5 50.3

65 139.1 42.2 63.4#



#27

2,4-Dimethylphenol

Concen: 990.465 ng

RT: 10.03 min Scan# 1181

Delta R.T. 0.08 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

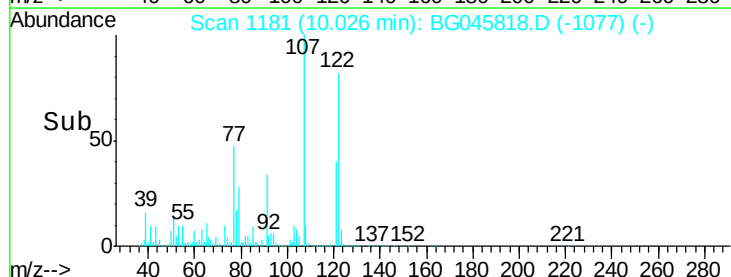
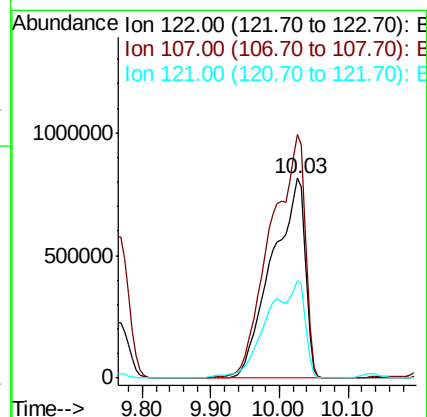
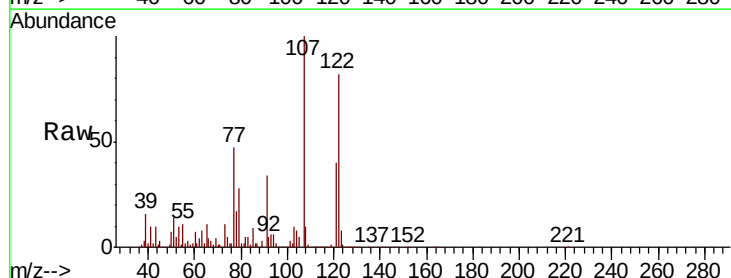
Tgt Ion:122 Resp: 2738140

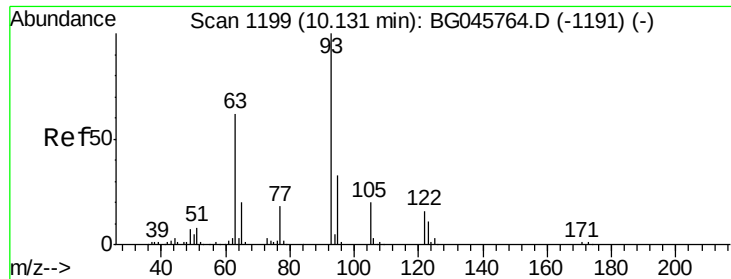
Ion Ratio Lower Upper

122 100

107 122.0 101.3 151.9

121 49.1 43.9 65.9

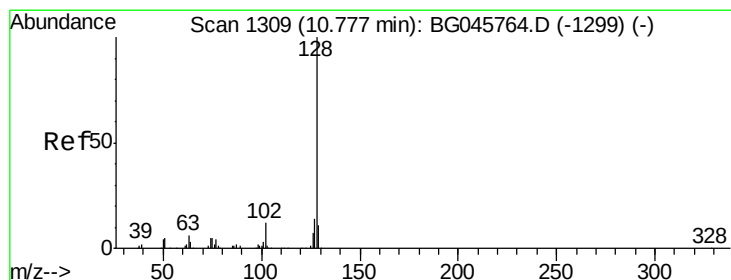
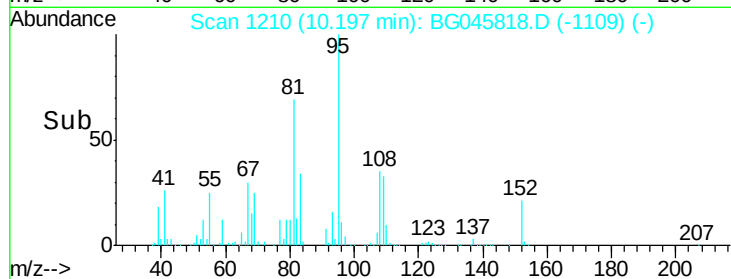
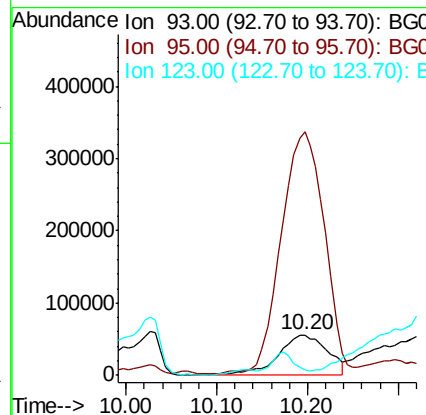
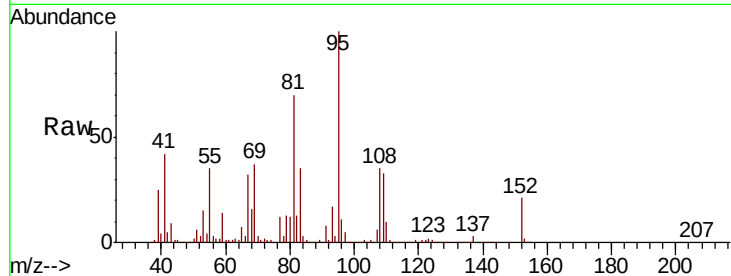




#28
bis(2-Chloroethoxy)methane
Concen: 50.485 ng
RT: 10.20 min Scan# 1210
Delta R.T. 0.07 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

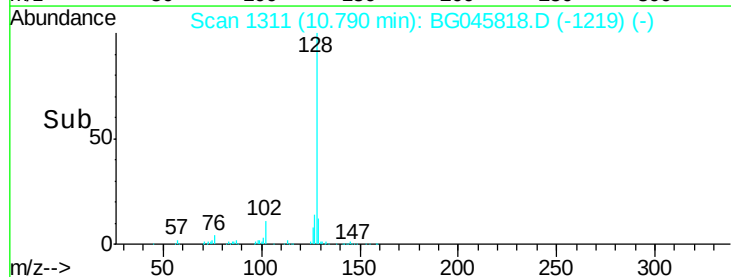
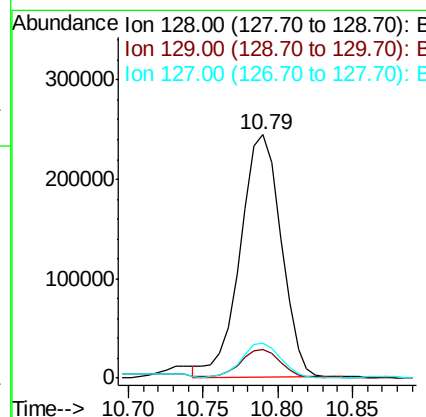
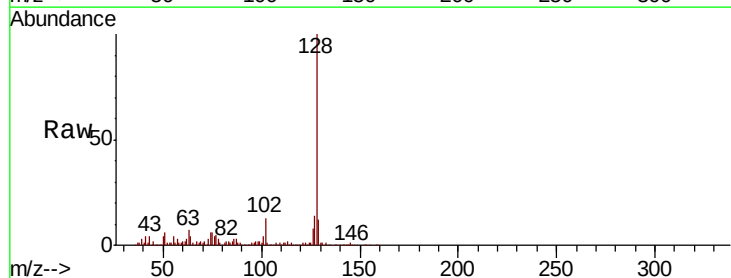
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

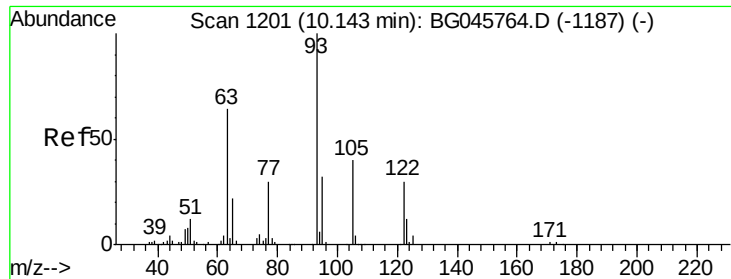
Tot Ion: 93 Resp: 208098
Ion Ratio Lower Upper
93 100
95 602.6 26.3 39.5#
123 13.0 9.3 13.9



#31
Naphthalene
Concen: 45.637 ng
RT: 10.79 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion: 128 Resp: 464618
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 14.3 10.9 16.3

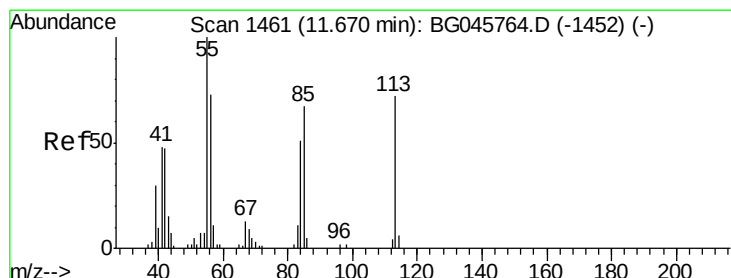
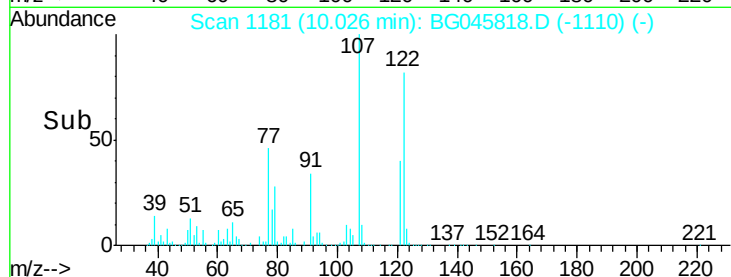
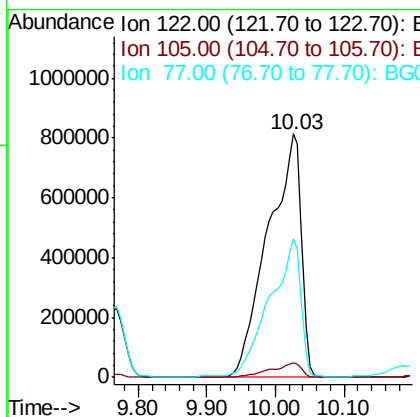
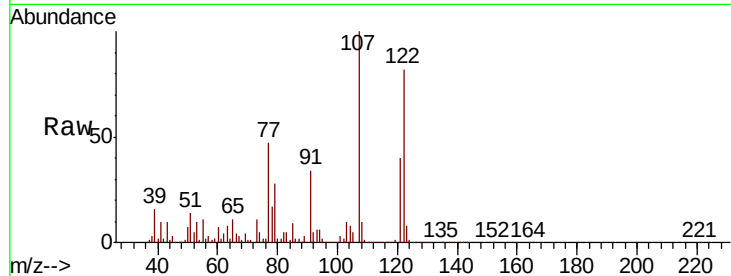




#32
Benzoic acid
Concen: 1250.552 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.12 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

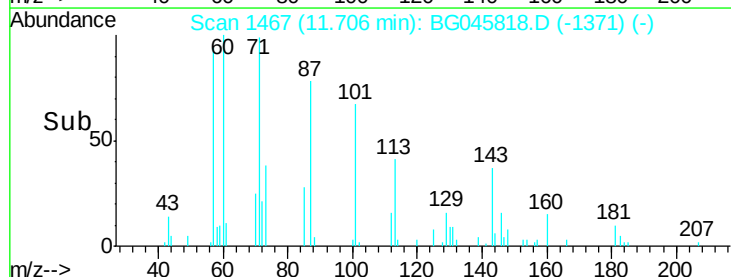
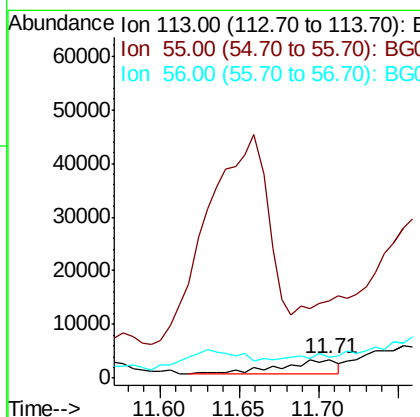
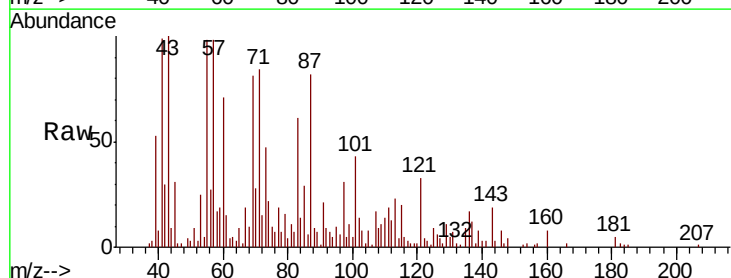
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

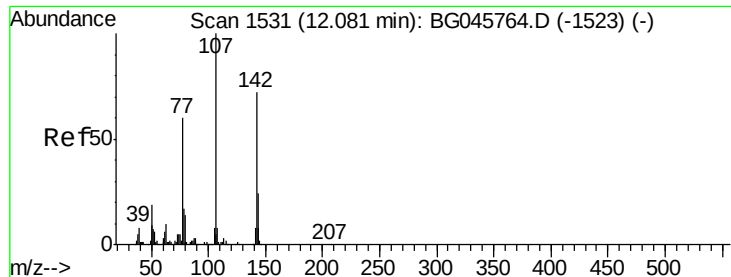
Tot Ion:122 Resp: 2738140
Ion Ratio Lower Upper
122 100
105 6.1 112.9 152.9#
77 56.9 79.2 119.2#



#35
Caprolactam
Concen: 6.607 ng
RT: 11.71 min Scan# 1467
Delta R.T. 0.04 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion:113 Resp: 6896
Ion Ratio Lower Upper
113 100
55 416.9 119.7 159.7#
56 113.1 82.5 122.5

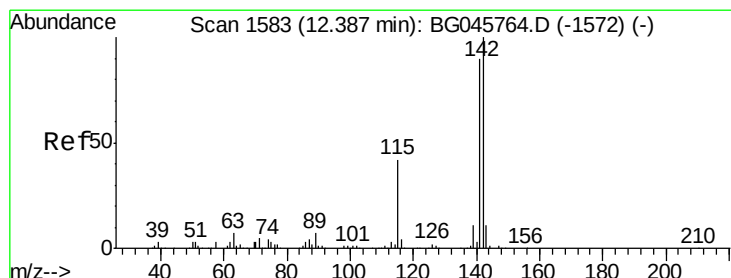
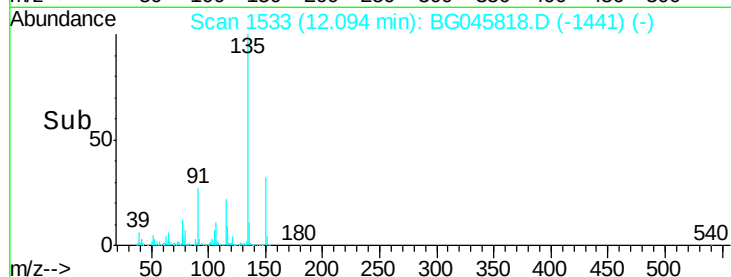
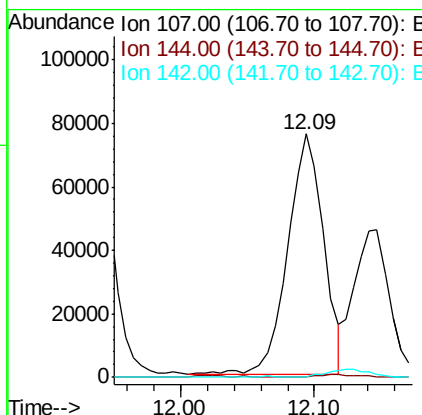
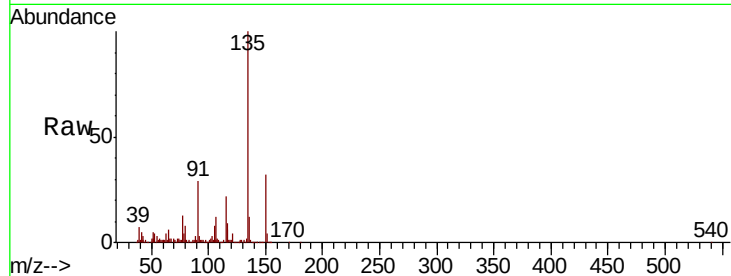




#36
4-Chloro-3-methylphenol
Concen: 37.454 ng
RT: 12.09 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

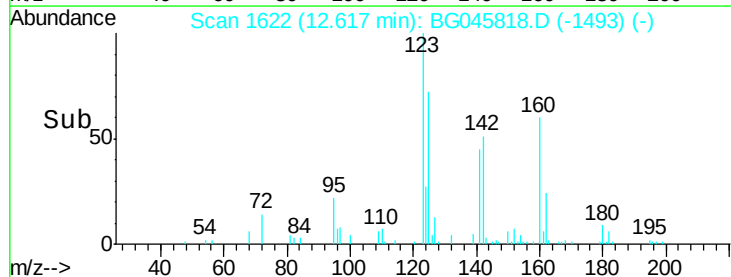
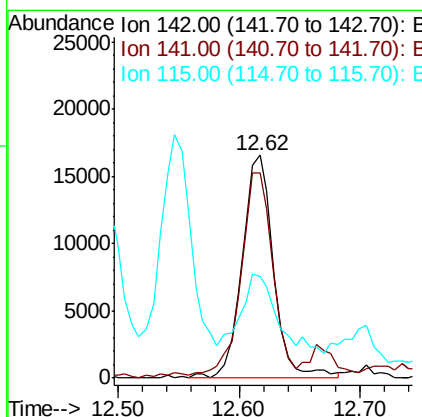
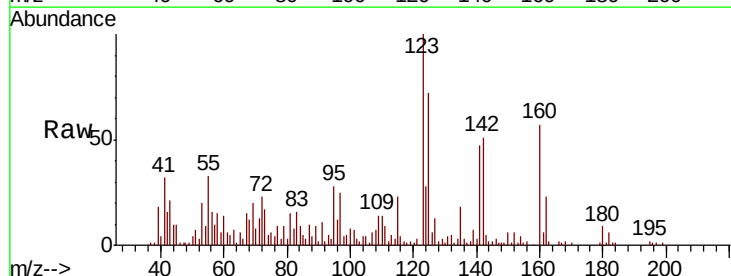
Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

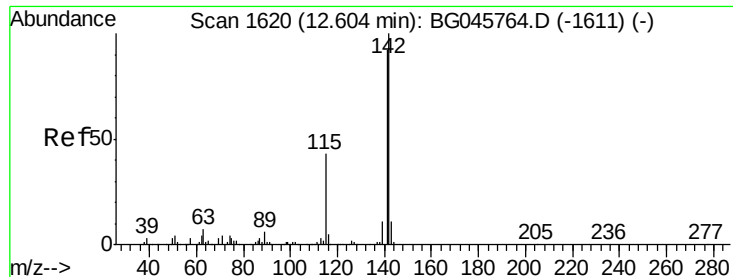
Tot Ion:107 Resp: 139480
Ion Ratio Lower Upper
107 100
144 0.2 19.5 29.3#
142 0.2 57.4 86.0#



#37
2-Methylnaphthalene
Concen: 3.952 ng
RT: 12.62 min Scan# 1622
Delta R.T. 0.23 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion:142 Resp: 29964
Ion Ratio Lower Upper
142 100
141 91.8 71.7 107.5
115 45.4 33.8 50.6





#38

1-Methylnaphthalene

Concen: 4.177 ng

RT: 12.62 min Scan# 1622

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

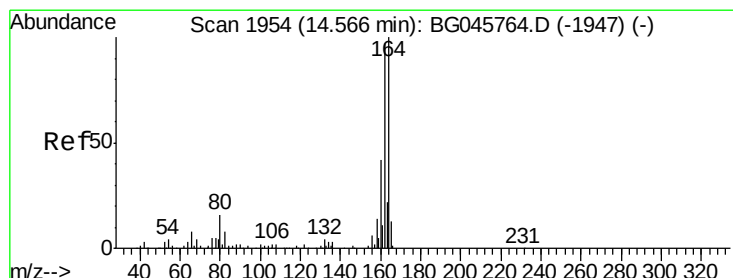
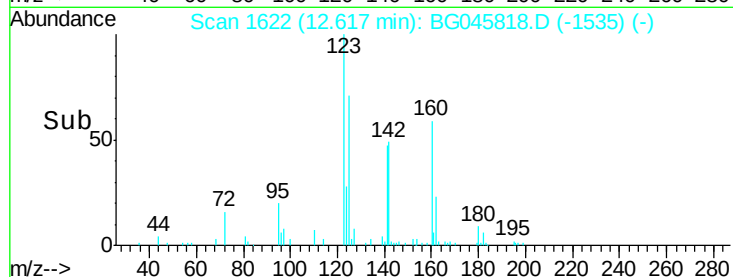
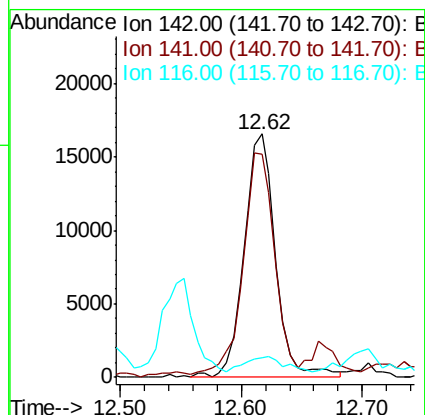
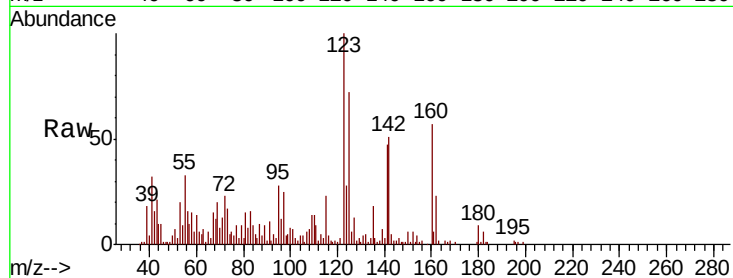
Tot Ion:142 Resp: 29964

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.8

116 7.9 3.8 5.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

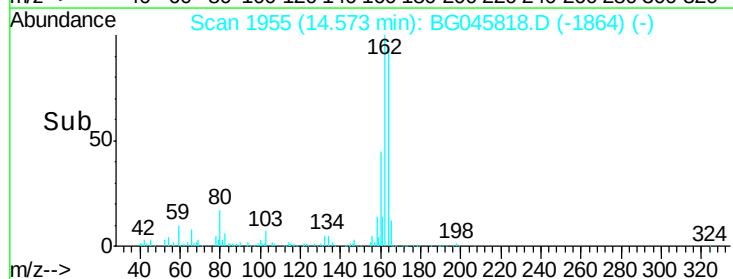
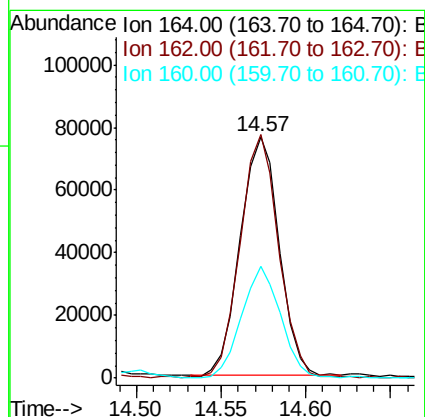
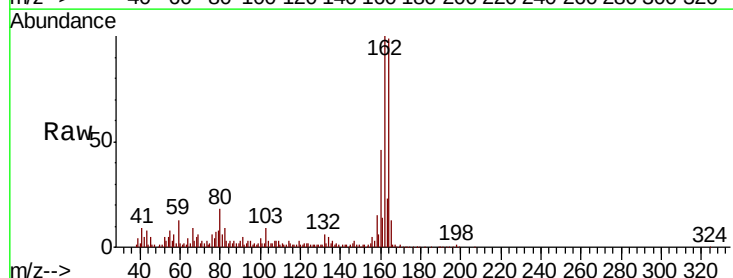
Tgt Ion:164 Resp: 121947

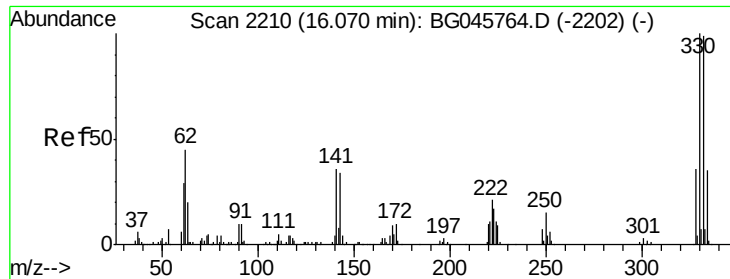
Ion Ratio Lower Upper

164 100

162 100.9 77.4 116.0

160 46.3 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 128.475 ng

RT: 16.08 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

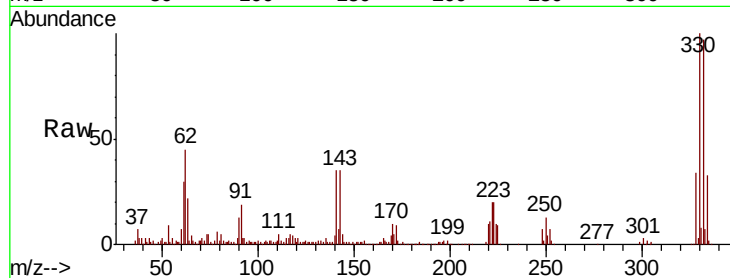
Tot Ion:330 Resp: 236533

Ion Ratio Lower Upper

330 100

332 97.9 78.6 117.8

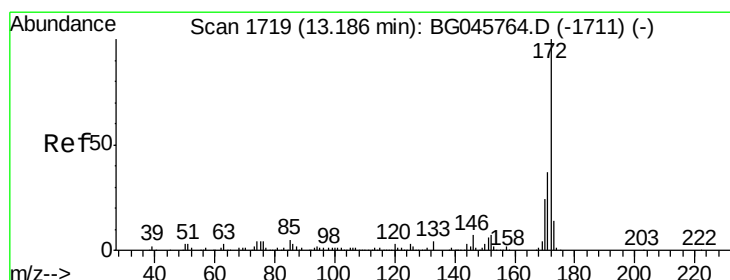
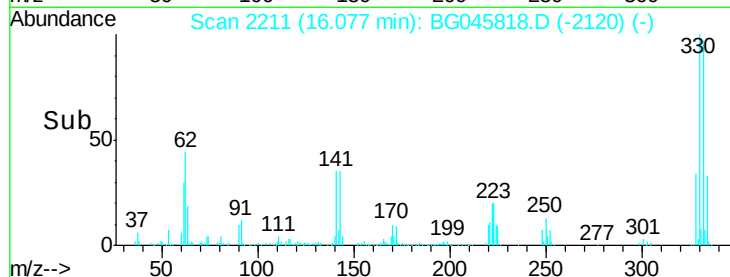
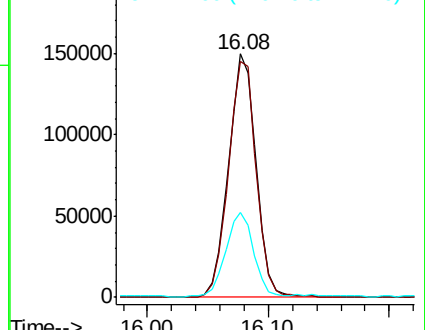
141 34.8 28.2 42.4



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: 87.491 ng

RT: 13.20 min Scan# 1721

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

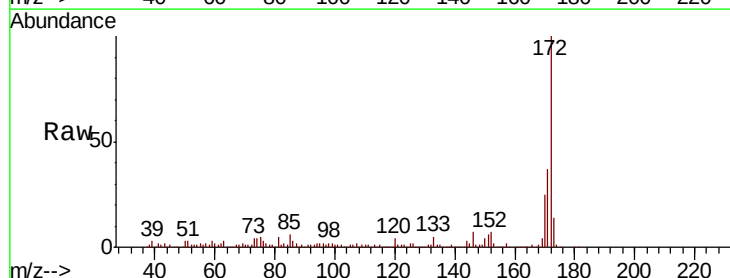
Tgt Ion:172 Resp: 726016

Ion Ratio Lower Upper

172 100

171 36.8 29.9 44.9

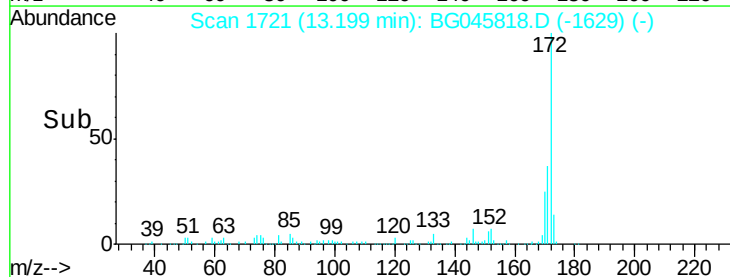
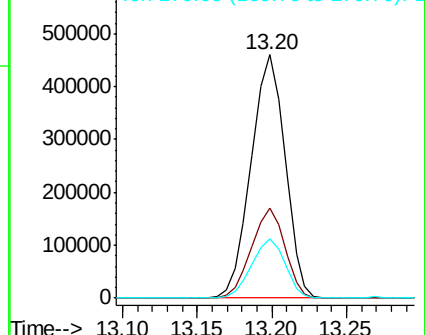
170 24.6 19.3 28.9

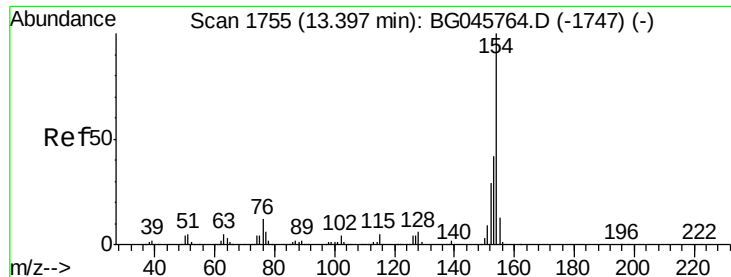


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#46

1,1'-Biphenyl

Concen: 7.865 ng

RT: 13.43 min Scan# 1760

Delta R.T. 0.03 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

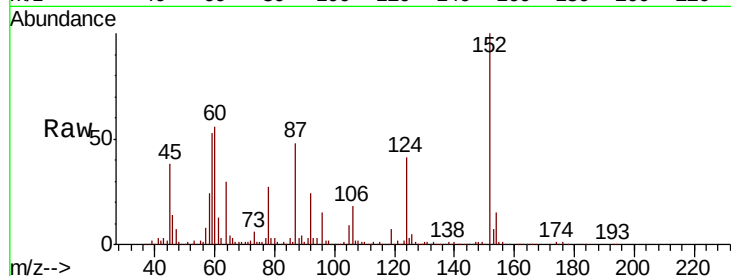
Tot Ion:154 Resp: 68670

Ion Ratio Lower Upper

154 100

153 45.7 21.7 61.7

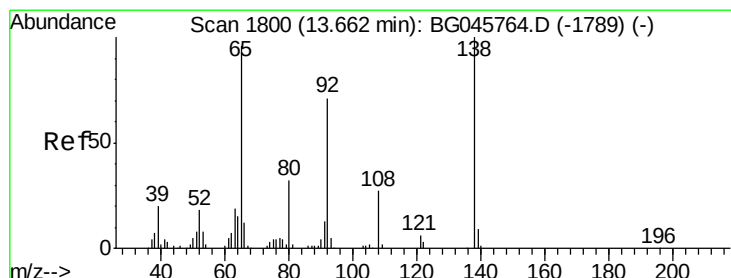
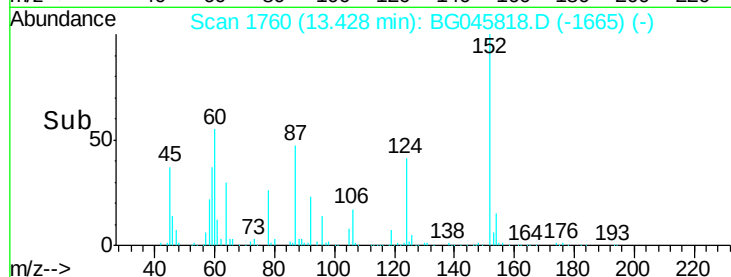
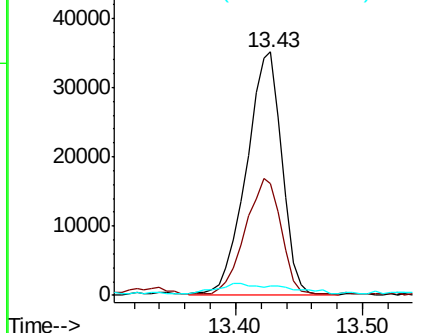
76 4.0 0.0 32.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#48

2-Nitroaniline

Concen: 80.737 ng

RT: 13.87 min Scan# 1835

Delta R.T. 0.21 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

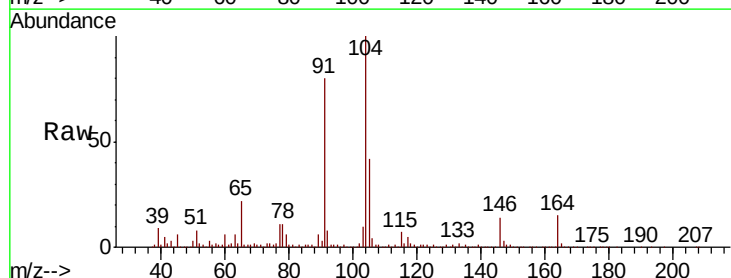
Tgt Ion: 65 Resp: 189403

Ion Ratio Lower Upper

65 100

92 37.4 59.0 88.6#

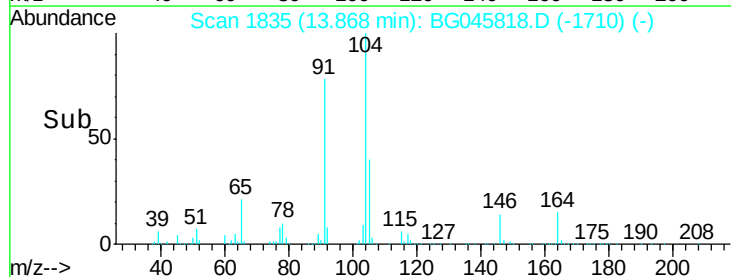
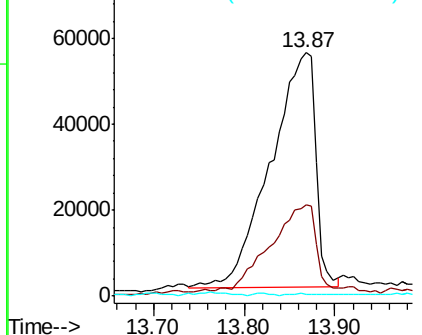
138 0.7 83.6 125.4#

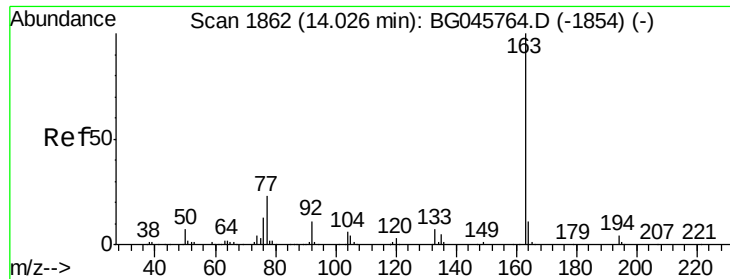


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#50

Dimethylphthalate

Concen: 7.906 ng

RT: 14.03 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

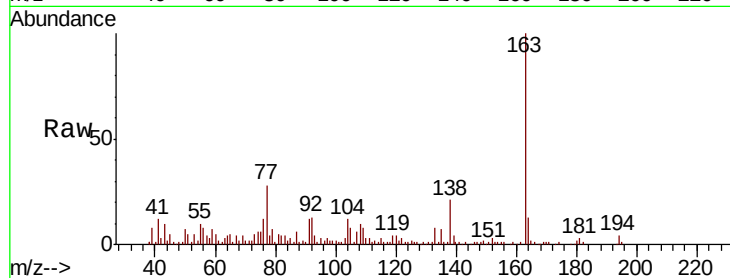
Tot Ion:163 Resp: 75524

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

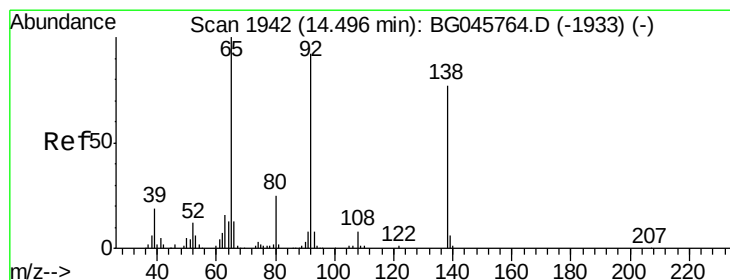
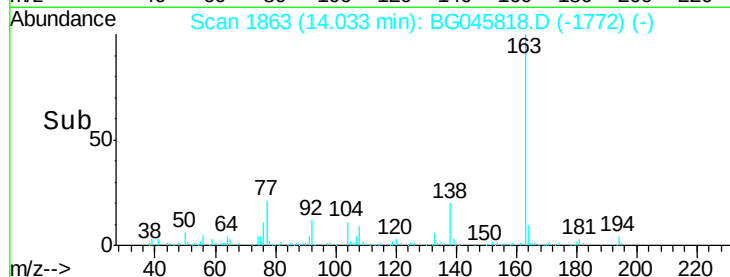
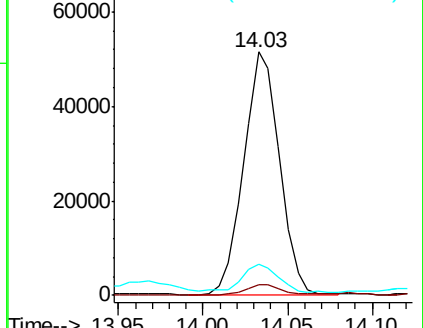
164 12.7 8.9 13.3



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



#53

3-Nitroaniline

Concen: 45.116 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.44 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

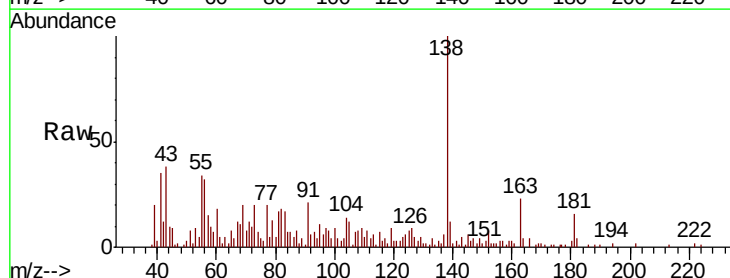
Tgt Ion:138 Resp: 96692

Ion Ratio Lower Upper

138 100

108 8.2 8.4 12.6#

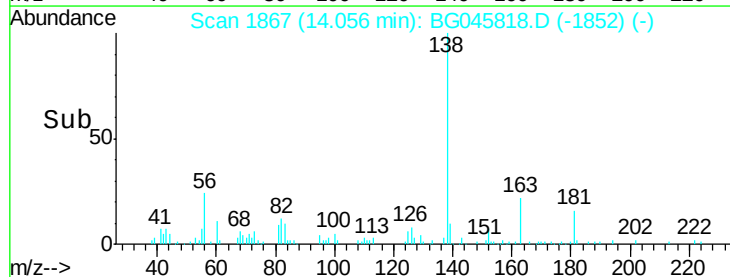
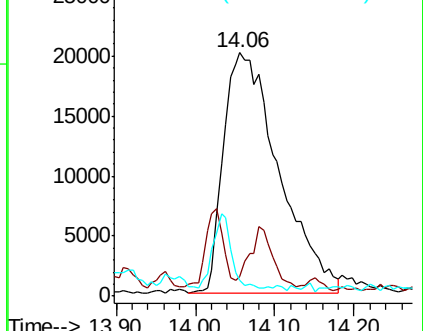
92 6.3 95.6 143.4#

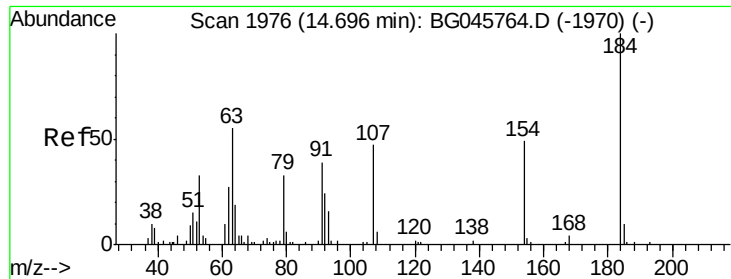


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

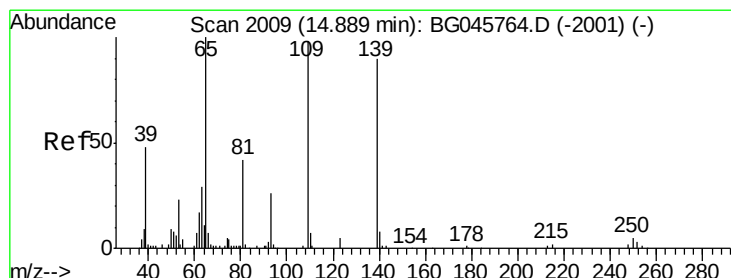
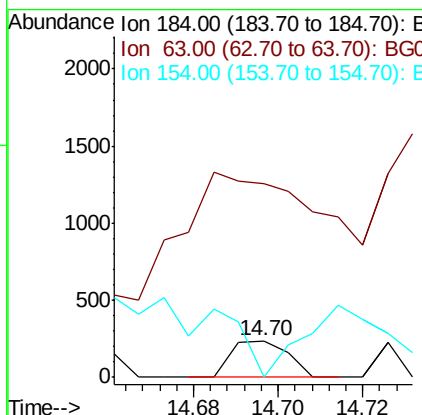
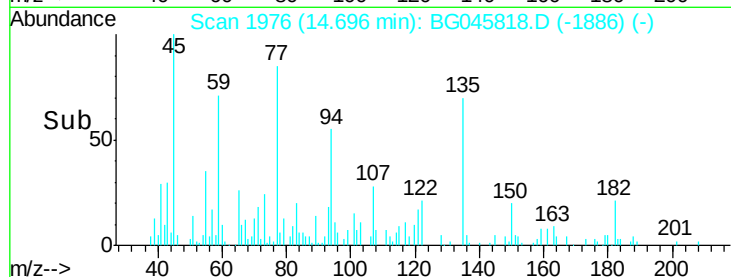
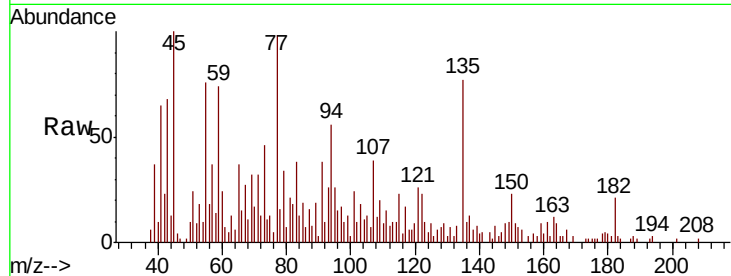




#54
 2,4-Dinitrophenol
 Concen: 9.988 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

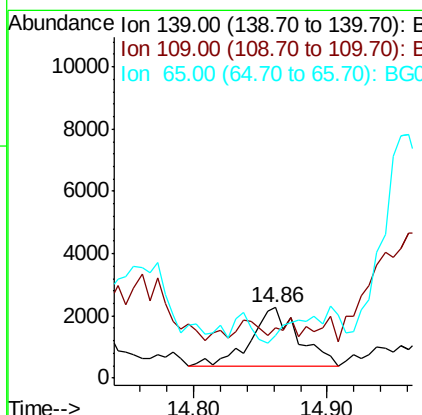
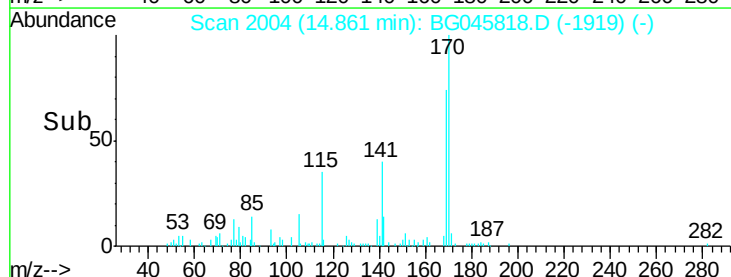
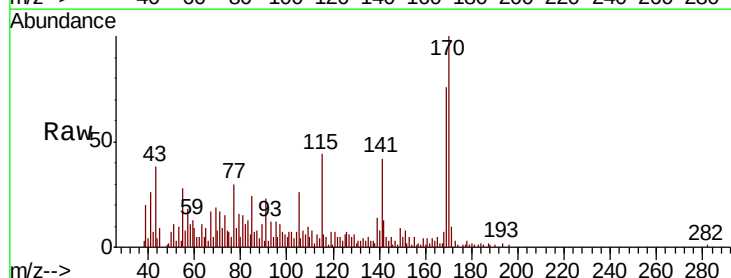
Instrument :
 BNA_G
 ClientSampleId :
 Z1-DUP-0572-200616

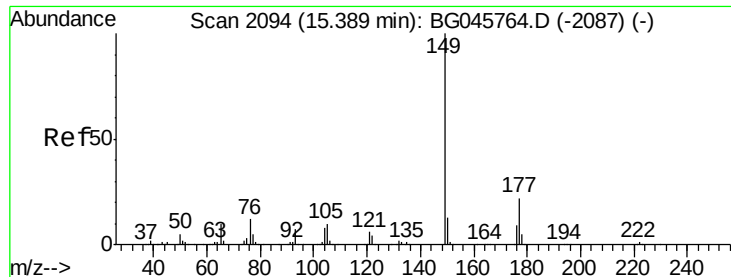
Tot Ion:184 Resp: 221
 Ion Ratio Lower Upper
 184 100
 63 525.1 46.6 70.0#
 154 0.0 58.6 87.8#



#56
 4-Nitrophenol
 Concen: 6.933 ng
 RT: 14.86 min Scan# 2004
 Delta R.T. -0.03 min
 Lab File: BG045818.D
 Acq: 19 Jun 2020 16:46

Tgt Ion:139 Resp: 4782
 Ion Ratio Lower Upper
 139 100
 109 71.7 88.9 128.9#
 65 59.9 92.3 132.3#





#60

Diethylphthalate

Concen: 6.704 ng

RT: 15.40 min Scan# 2095

Delta R.T. 0.01 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

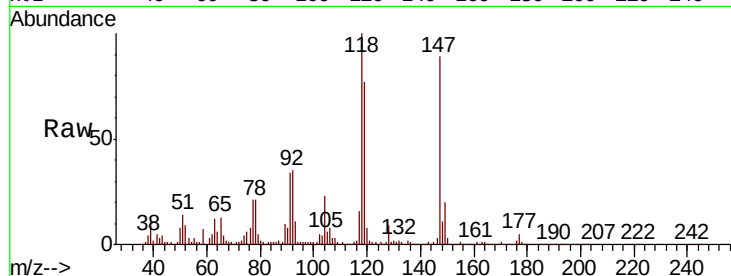
Tot Ion:149 Resp: 65474

Ion Ratio Lower Upper

149 100

177 23.3 17.2 25.8

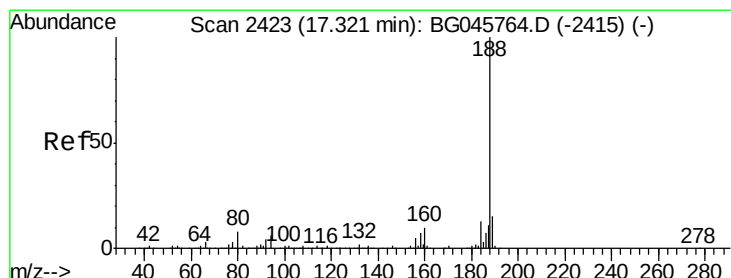
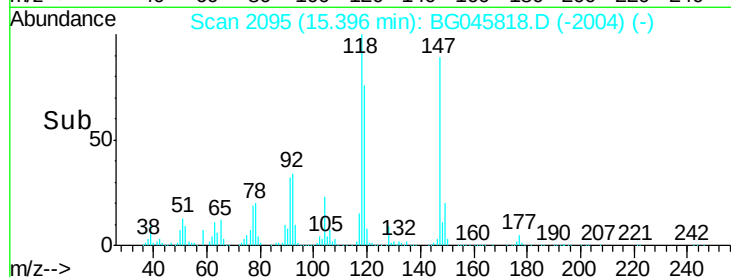
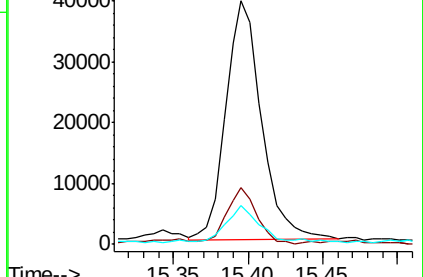
150 16.0 10.7 16.1



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2423

Delta R.T. 0.00 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

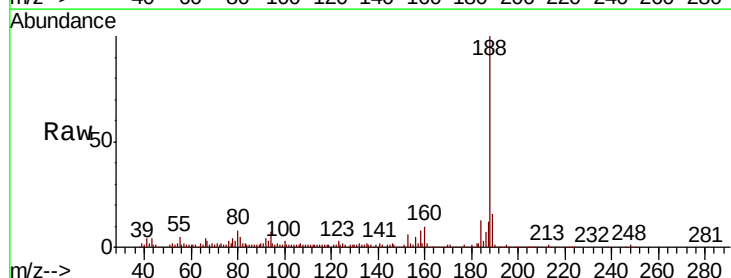
Tgt Ion:188 Resp: 265603

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

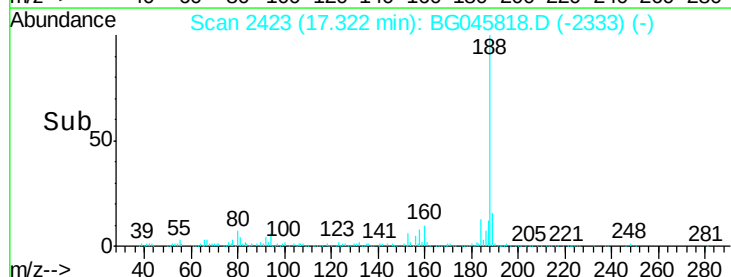
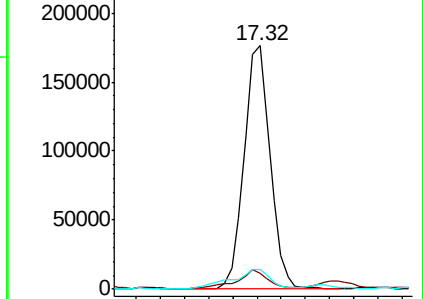
80 7.8 6.2 9.4

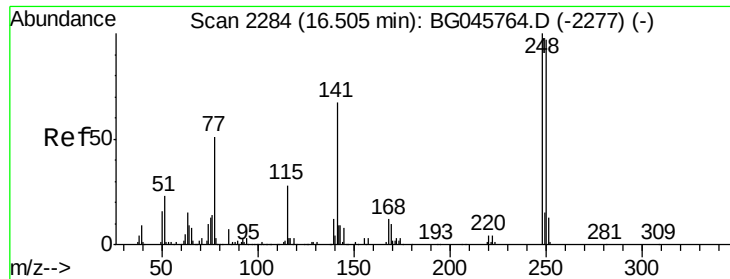


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

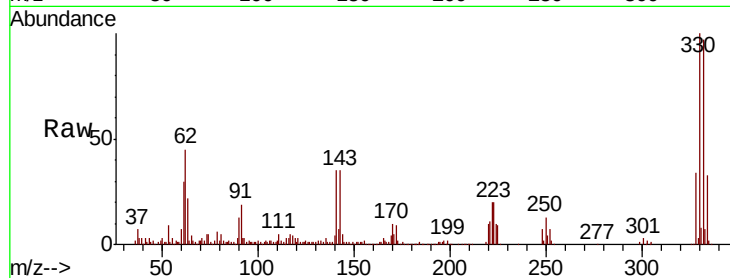




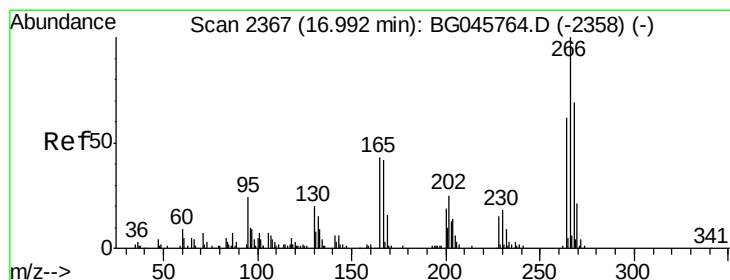
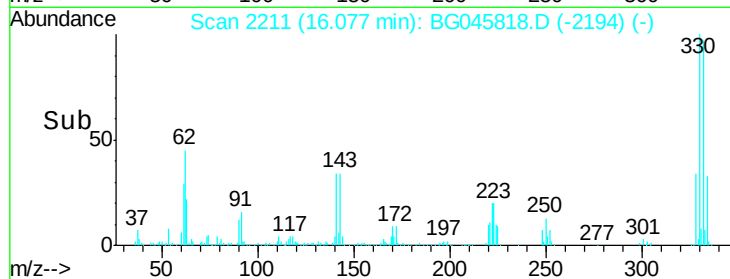
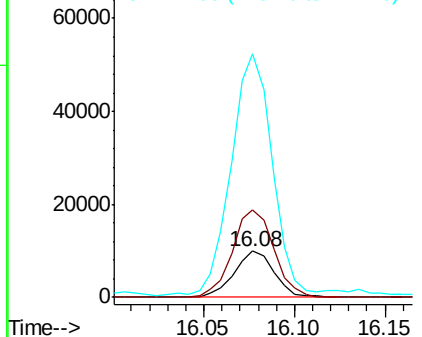
#67
4-Bromophenyl-phenylether
Concen: 4.451 ng
RT: 16.08 min Scan# 2211
Delta R.T. -0.43 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion:248 Resp: 15360
Ion Ratio Lower Upper
248 100
250 190.0 78.0 117.0#
141 525.2 53.9 80.9#

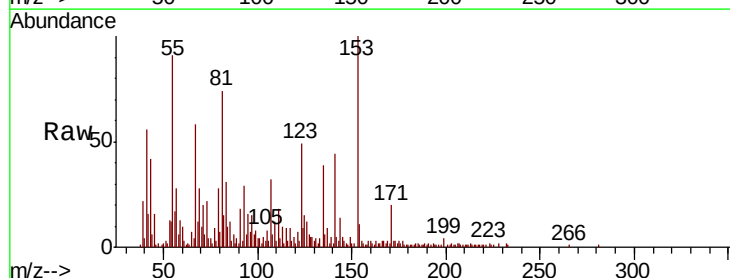


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

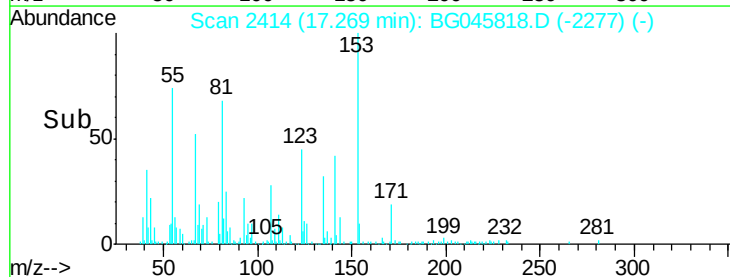
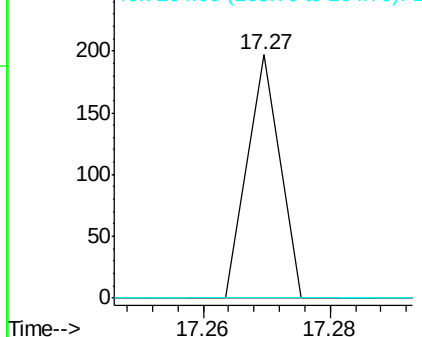


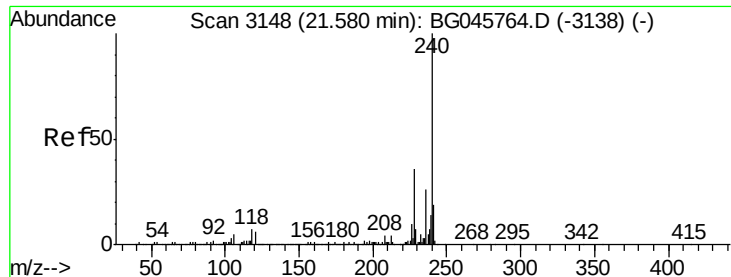
#70
Pentachlorophenol
Concen: 7.668 ng
RT: 17.27 min Scan# 2414
Delta R.T. 0.28 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Tgt Ion:266 Resp: 69
Ion Ratio Lower Upper
266 100
268 0.0 55.4 83.0#
264 0.0 49.8 74.6#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

Instrument :

BNA_G

ClientSampleId :

Z1-DUP-0572-200616

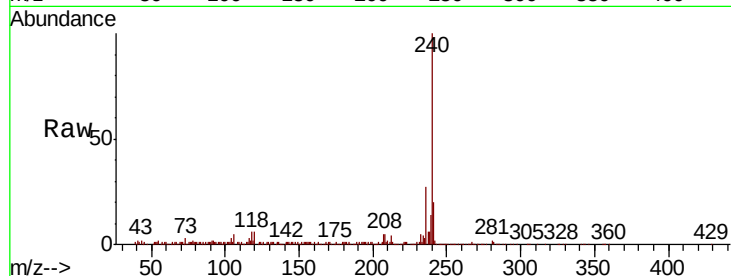
Tot Ion:240 Resp: 274118

Ion Ratio Lower Upper

240 100

120 6.1 5.0 7.4

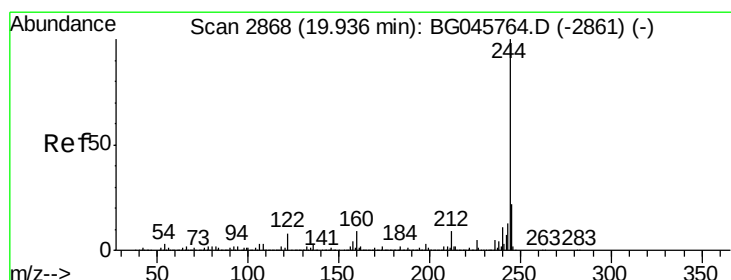
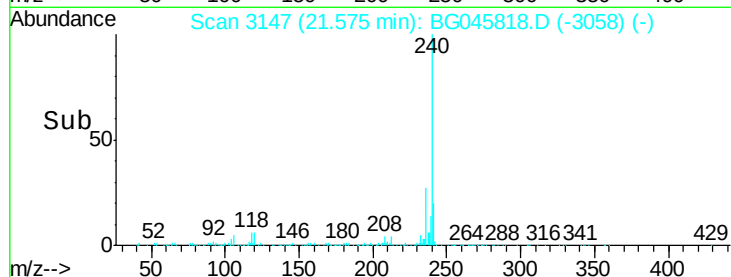
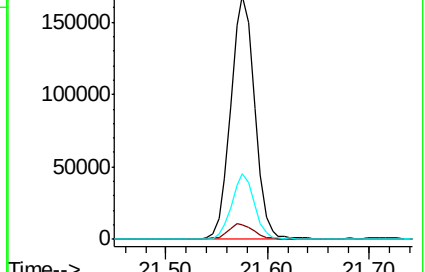
236 27.1 20.6 30.8



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



#79

Terphenyl-d14

Concen: 84.974 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045818.D

Acq: 19 Jun 2020 16:46

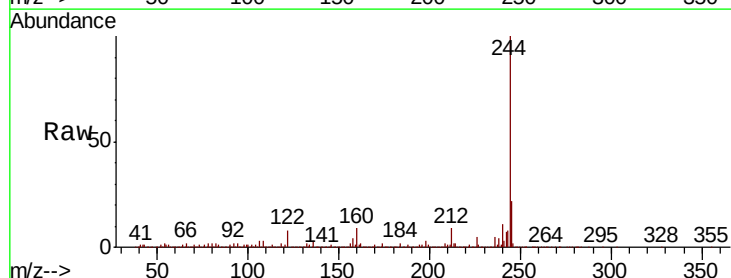
Tgt Ion:244 Resp: 1149364

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

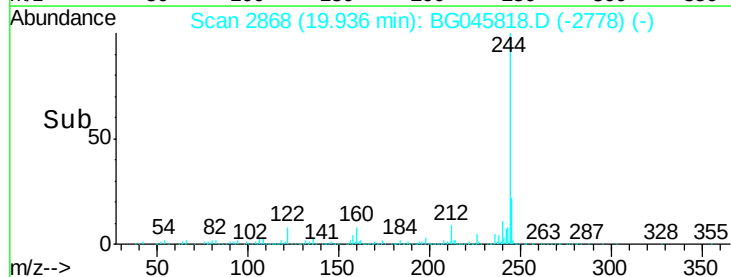
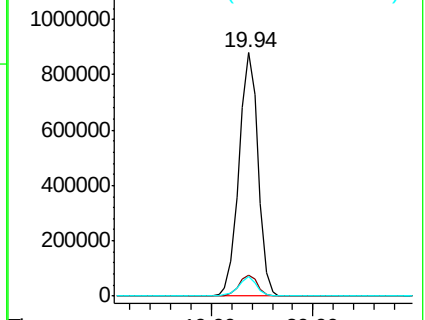
122 8.0 6.4 9.6

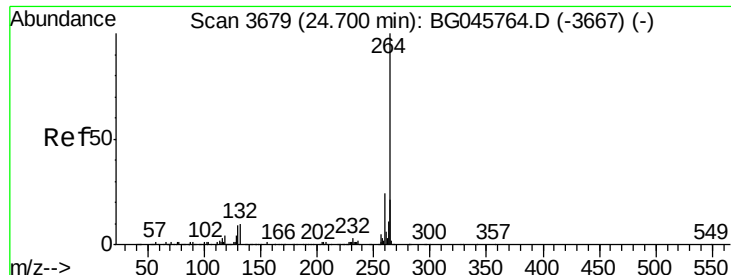


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

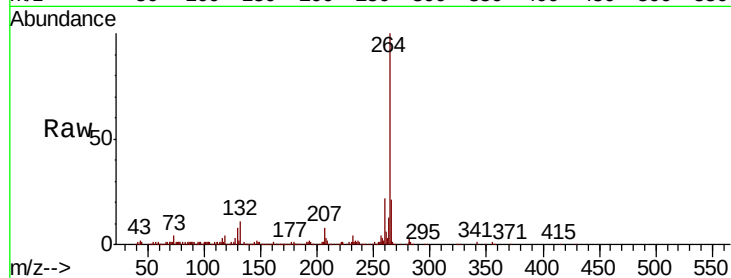




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045818.D
Acq: 19 Jun 2020 16:46

Instrument :
BNA_G
ClientSampleId :
Z1-DUP-0572-200616

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	21.2	17.4	26.0



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

