

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045308.D
 Acq On : 11 May 2020 22:44
 Operator : CG/JU
 Sample : PB128752BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Quant Time: May 12 00:51:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	72957	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	288098	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	201979	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	466194	20.00	ng	0.00
76) Chrysene-d12	21.63	240	437167	20.00	ng	-0.01
87) Perylene-d12	24.79	264	498261	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	494070	111.80	ng	0.00
7) Phenol-d6	7.15	99	682352	103.93	ng	0.00
23) Nitrobenzene-d5	9.13	82	433583	68.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	310336	99.46	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	970563	70.46	ng	0.00
79) Terphenyl-d14	19.98	244	1592917	79.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	69268	35.270	ng	96
3) Pyridine	3.83	79	156899	25.947	ng	94
4) n-Nitrosodimethylamine	3.74	42	68078	36.752	ng	90
6) Aniline	7.29	93	256331	30.027	ng	98
8) 2-Chlorophenol	7.54	128	181443	38.204	ng	96
9) Benzaldehyde	7.11	77	135929	35.504	ng	96
10) Phenol	7.17	94	241146	36.703	ng	97
11) bis(2-Chloroethyl)ether	7.39	93	168992	32.306	ng	97
12) 1,3-Dichlorobenzene	7.86	146	198274	35.428	ng	98
13) 1,4-Dichlorobenzene	8.01	146	195689	35.092	ng	95
14) 1,2-Dichlorobenzene	8.33	146	185363	34.745	ng	96
15) Benzyl Alcohol	8.21	79	182346	33.125	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.50	45	157179	30.610	ng	97
17) 2-Methylphenol	8.42	107	163809	32.315	ng	96
18) Hexachloroethane	9.06	117	74835	35.697	ng	98
19) n-Nitroso-di-n-propylamine	8.78	70	144986	31.225	ng	98
20) 3+4-Methylphenols	8.75	107	222231	31.320	ng	99
22) Acetophenone	8.80	105	276497	35.490	ng	# 99
24) Nitrobenzene	9.18	77	223670	34.559	ng	93
25) Isophorone	9.70	82	412451	31.899	ng	98
26) 2-Nitrophenol	9.89	139	102315	36.701	ng	97
27) 2,4-Dimethylphenol	9.96	122	169249	38.262	ng	95
28) bis(2-Chloroethoxy)methane	10.18	93	229567	33.791	ng	99
29) 2,4-Dichlorophenol	10.44	162	184392	36.101	ng	99
30) 1,2,4-Trichlorobenzene	10.65	180	204433	35.351	ng	94
31) Naphthalene	10.84	128	554888	35.208	ng	99
32) Benzoic acid	10.10	122	87229	27.543	ng	94
33) 4-Chloroaniline	10.94	127	165116	22.464	ng	99
34) Hexachlorobutadiene	11.13	225	138726	34.988	ng	99
35) Caprolactam	11.69	113	34173	16.810	ng	# 83
36) 4-Chloro-3-methylphenol	12.07	107	208094	34.681	ng	99
37) 2-Methylnaphthalene	12.44	142	414536	33.887	ng	91
38) 1-Methylnaphthalene	12.66	142	391002	33.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	231832	35.649	ng	99

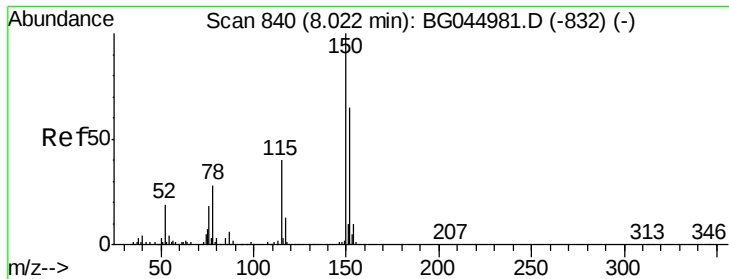
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	323800	79.664	ng	95
43) 2,4,6-Trichlorophenol	13.05	196	164043	35.741	ng	95
44) 2,4,5-Trichlorophenol	13.13	196	170971	32.726	ng	99
46) 1,1'-Biphenyl	13.45	154	532412	34.681	ng	98
47) 2-Chloronaphthalene	13.49	162	403531	34.401	ng	99
48) 2-Nitroaniline	13.69	65	129624	33.586	ng	99
49) Acenaphthylene	14.34	152	678413	35.506	ng	100
50) Dimethylphthalate	14.07	163	541956	32.954	ng	99
51) 2,6-Dinitrotoluene	14.19	165	127048	34.538	ng	97
52) Acenaphthene	14.68	154	395578	30.599	ng	98
53) 3-Nitroaniline	14.51	138	92696	22.976	ng	100
54) 2,4-Dinitrophenol	14.73	184	126934	58.031	ng	98
55) Dibenzofuran	15.02	168	653407	34.668	ng	98
56) 4-Nitrophenol	14.84	139	205493	65.691	ng	96
57) 2,4-Dinitrotoluene	14.98	165	178258	33.160	ng	96
58) Fluorene	15.67	166	530690	34.471	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	168297	36.205	ng	97
60) Diethylphthalate	15.44	149	568202	33.138	ng	98
61) 4-Chlorophenyl-phenylether	15.66	204	294078	33.187	ng	98
62) 4-Nitroaniline	15.68	138	126979	30.345	ng	96
63) Azobenzene	15.95	77	535834	33.895	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	107727	35.155	ng	98
66) n-Nitrosodiphenylamine	15.88	169	472036	35.241	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	198985	33.085	ng	93
68) Hexachlorobenzene	16.68	284	222165	35.617	ng	96
69) Atrazine	16.82	200	180408	35.968	ng	97
70) Pentachlorophenol	17.02	266	245338	64.116	ng	99
71) Phenanthrene	17.41	178	853142	35.612	ng	99
72) Anthracene	17.50	178	880011	36.620	ng	99
73) Carbazole	17.77	167	811669	33.283	ng	97
74) Di-n-butylphthalate	18.33	149	963512	34.939	ng	98
75) Fluoranthene	19.42	202	1069415	36.863	ng	98
77) Benzidine	19.60	184	661908	53.384	ng	97
78) Pyrene	19.78	202	1061139	35.209	ng	98
80) Butylbenzylphthalate	20.67	149	430342	34.447	ng	99
81) Benzo(a)anthracene	21.61	228	1031035	36.388	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	266188	23.603	ng	97
83) Chrysene	21.68	228	971795	35.696	ng	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	609530	35.475	ng	98
85) Di-n-octyl phthalate	22.73	149	1045420	35.185	ng	100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1295422	35.839	ng	# 95
88) Benzo(b)fluoranthene	23.80	252	1067945	34.217	ng	99
89) Benzo(k)fluoranthene	23.86	252	1077377	36.298	ng	96
90) Benzo(a)pyrene	24.65	252	1000162	33.941	ng	99
91) Dibenzo(a,h)anthracene	28.45	278	1048813	35.322	ng	96
92) Benzo(g,h,i)perylene	29.51	276	1075158	36.116	ng	99

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

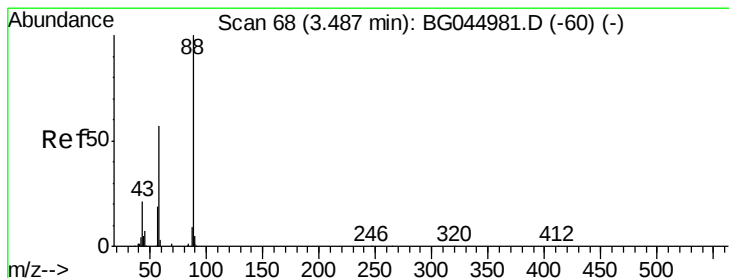
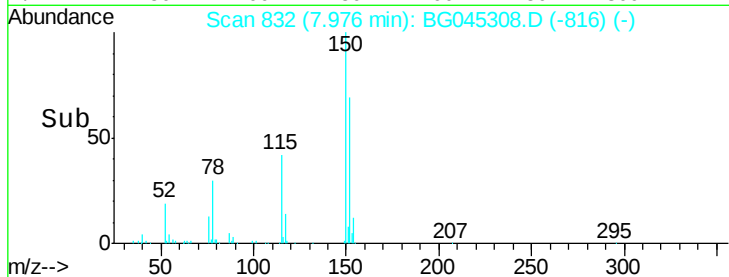
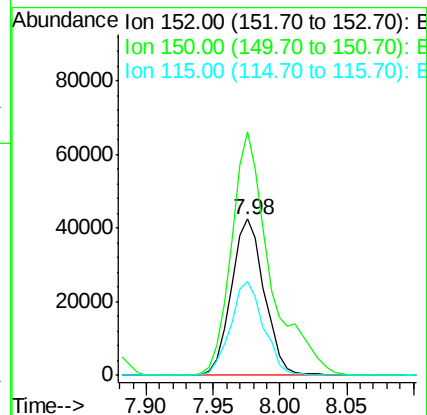
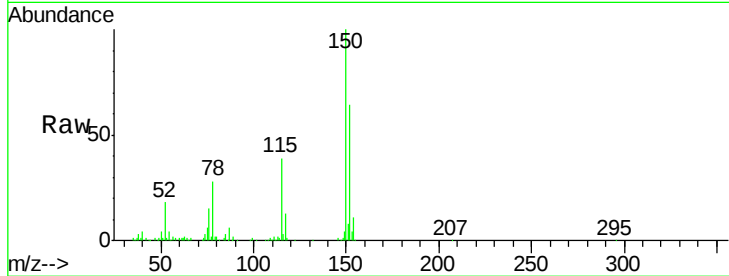


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

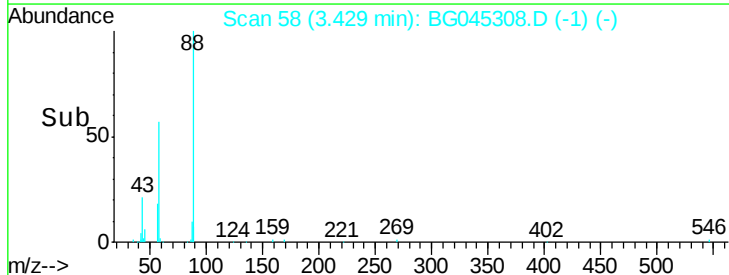
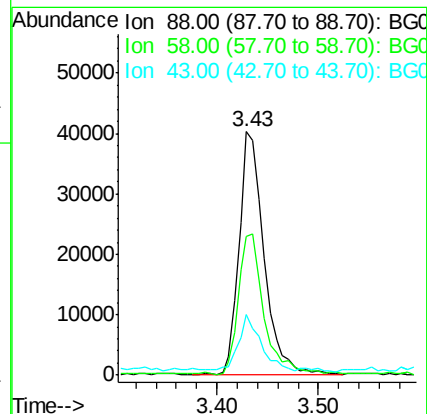
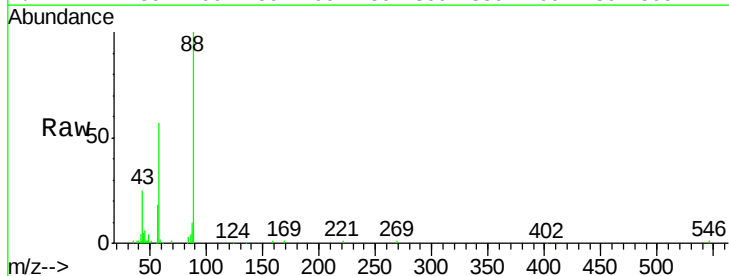
Tot Ion:152 Resp: 72957
Ion Ratio Lower Upper
152 100
150 155.8 123.6 185.4
115 60.2 49.1 73.7

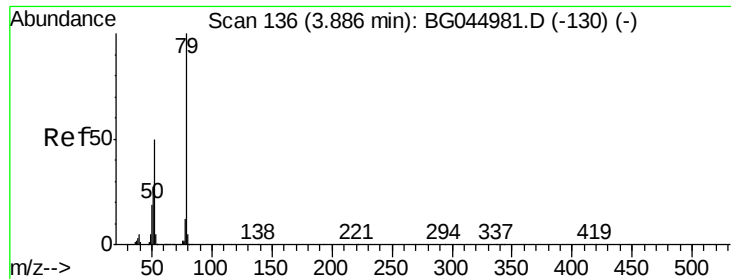


#2

1,4-Dioxane
Concen: 35.270 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion: 88 Resp: 69268
Ion Ratio Lower Upper
88 100
58 60.6 46.6 69.8
43 19.5 17.5 26.3





#3

Pvridine

Concen: 25.947 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

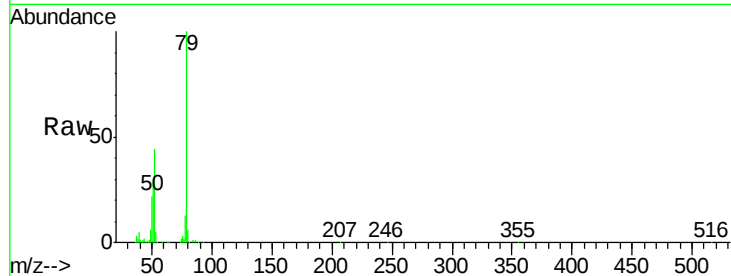
Tot Ion: 79 Resp: 156899

Ion Ratio Lower Upper

79 100

52 43.9 39.8 59.6

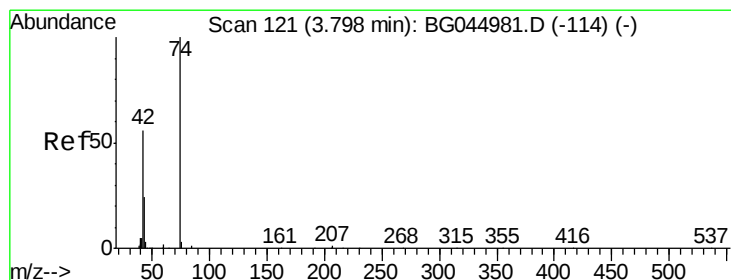
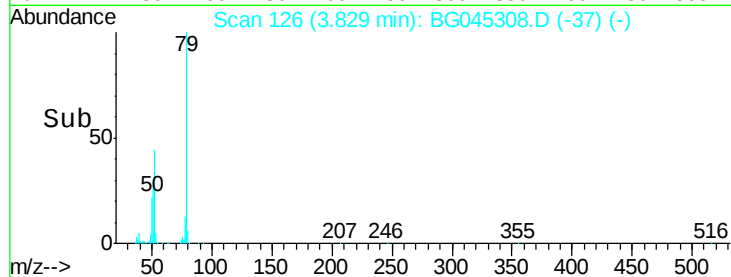
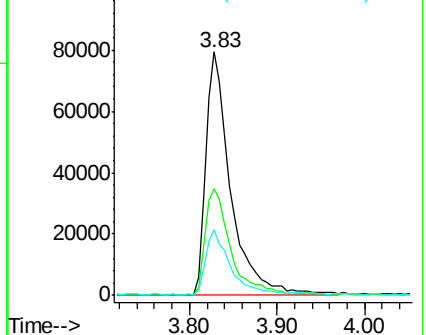
51 26.7 21.4 32.2



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: 36.752 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

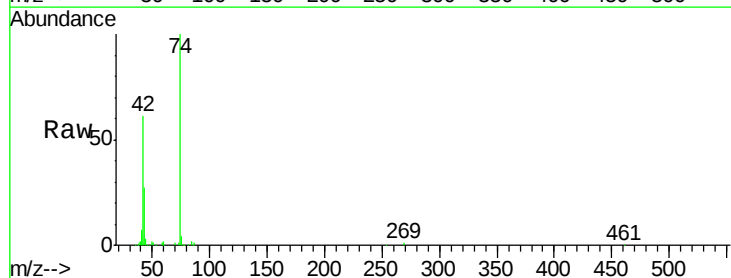
Tgt Ion: 42 Resp: 68078

Ion Ratio Lower Upper

42 100

74 164.8 143.0 214.6

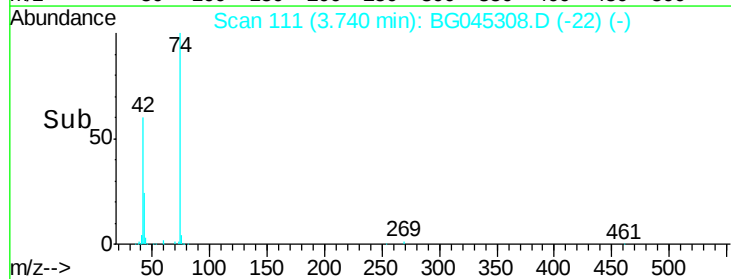
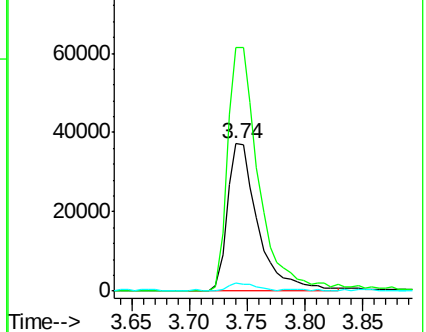
44 5.5 4.6 6.8

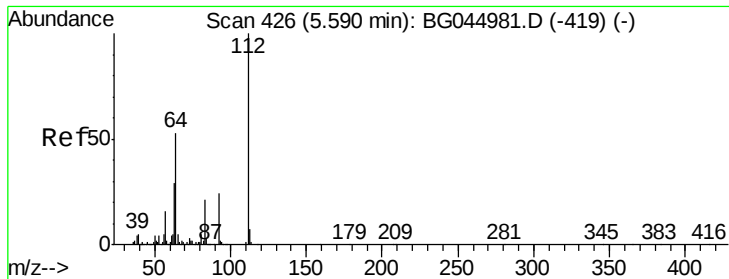


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 111.803 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

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PB128752BS

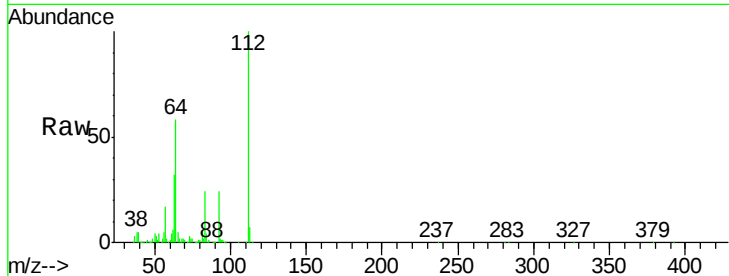
Tot Ion:112 Resp: 494070

Ion Ratio Lower Upper

112 100

64 58.0 42.4 63.6

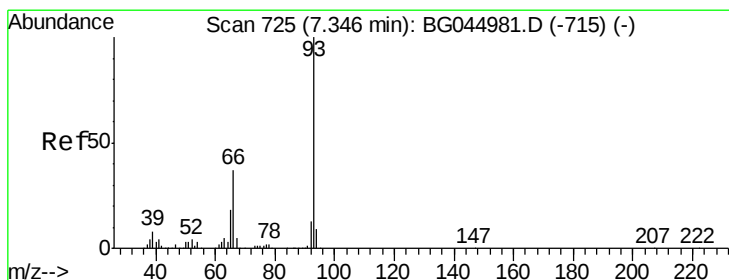
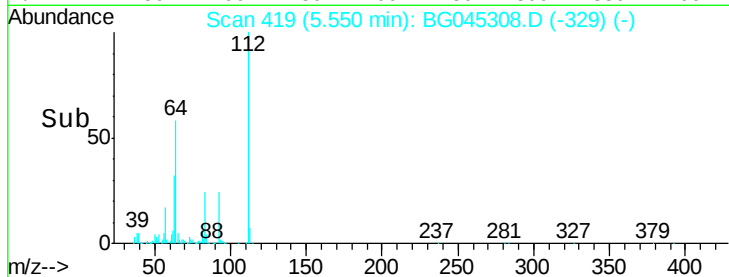
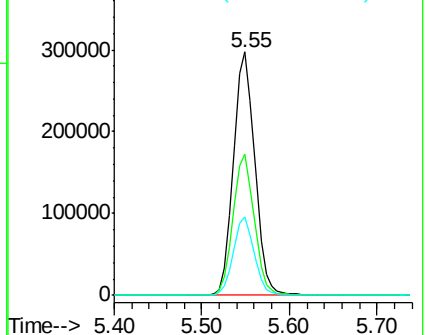
63 32.3 23.1 34.7



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: 30.027 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

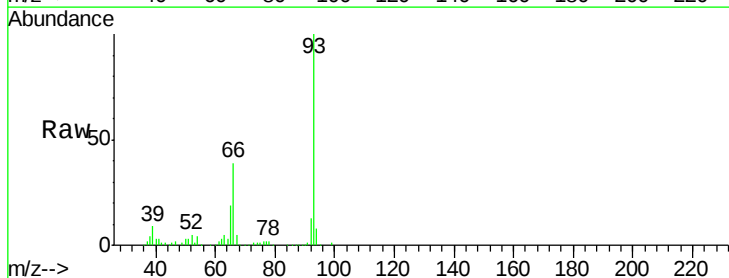
Tgt Ion: 93 Resp: 256331

Ion Ratio Lower Upper

93 100

66 39.2 29.8 44.8

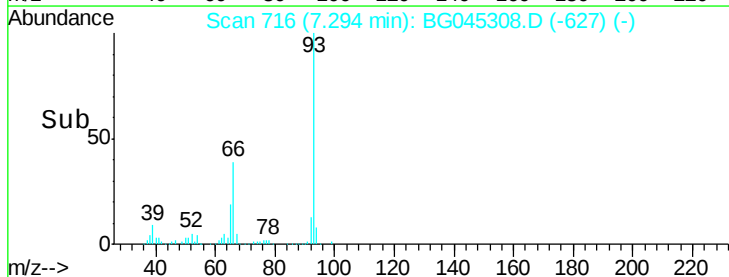
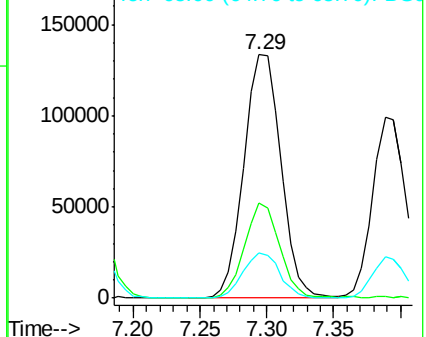
65 18.6 14.6 22.0

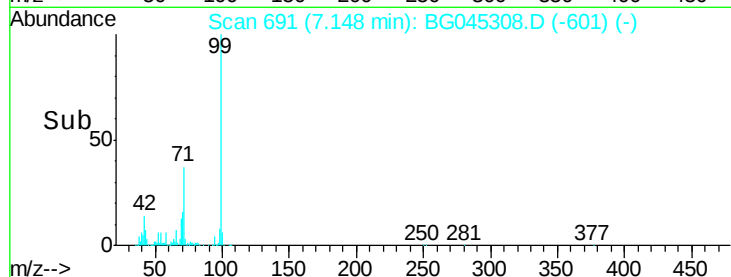
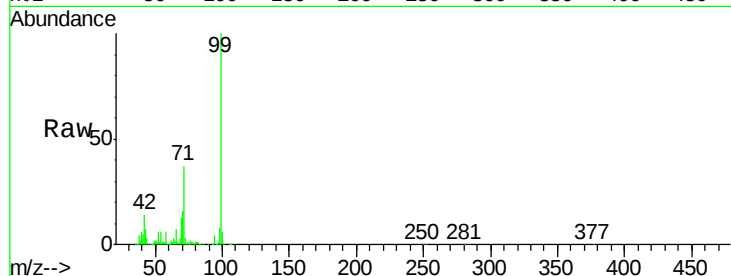
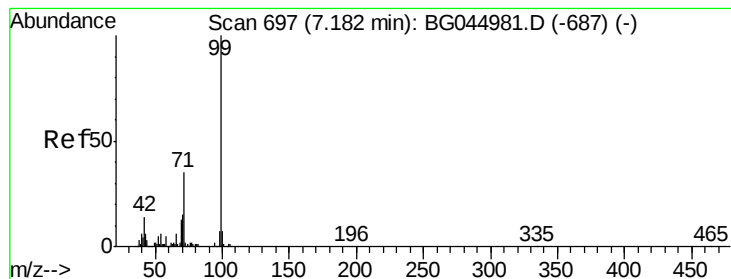


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.927 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG045308.D

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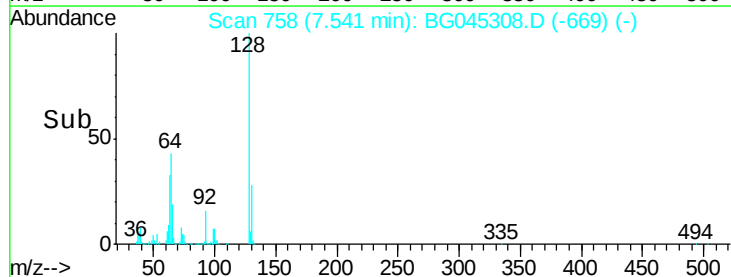
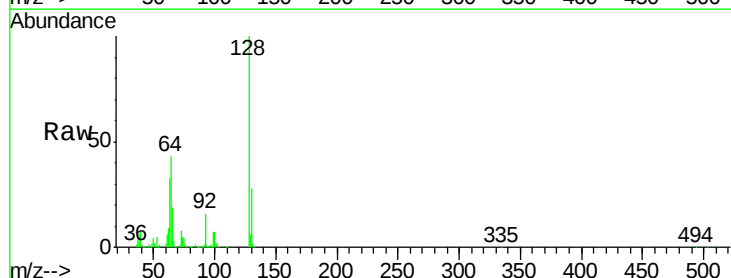
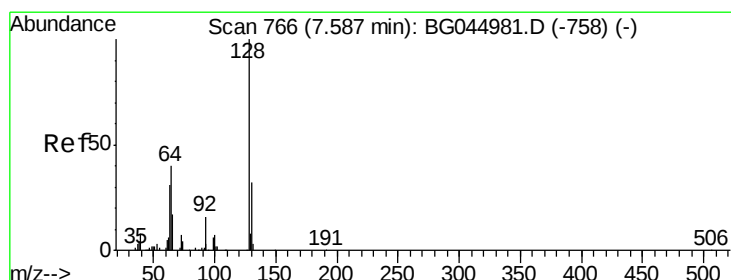
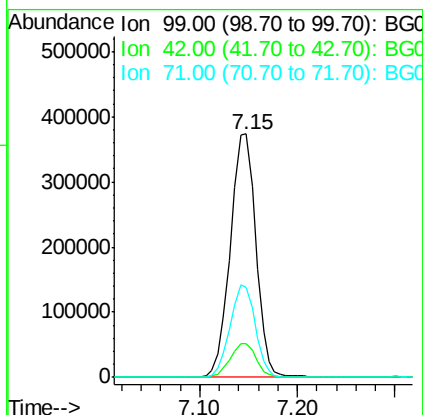
Tot Ion: 99 Resp: 682352

Ion Ratio Lower Upper

99 100

42 13.7 11.3 16.9

71 37.2 28.3 42.5



#8

2-Chlorophenol

Concen: 38.204 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

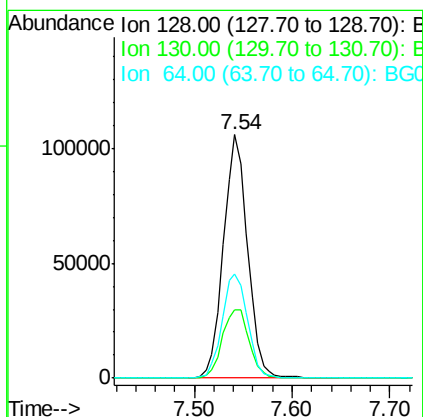
Tgt Ion: 128 Resp: 181443

Ion Ratio Lower Upper

128 100

130 28.2 12.3 52.3

64 42.9 24.4 64.4





#9

Benzaldehyde

Concen: 35.504 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

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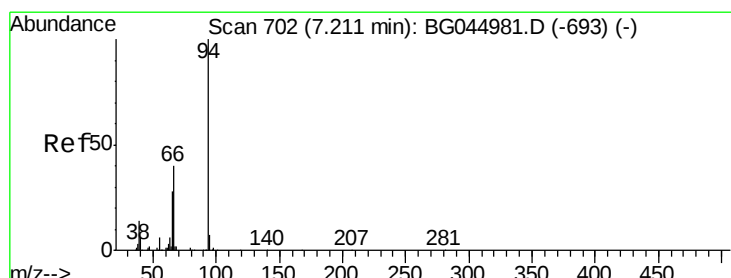
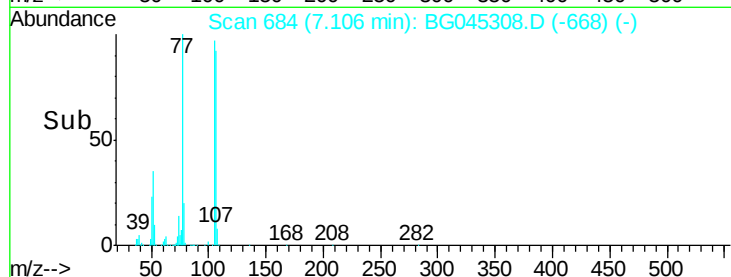
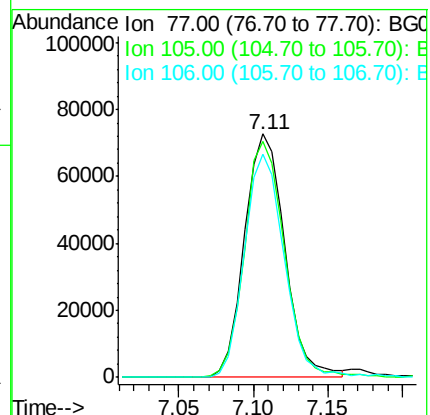
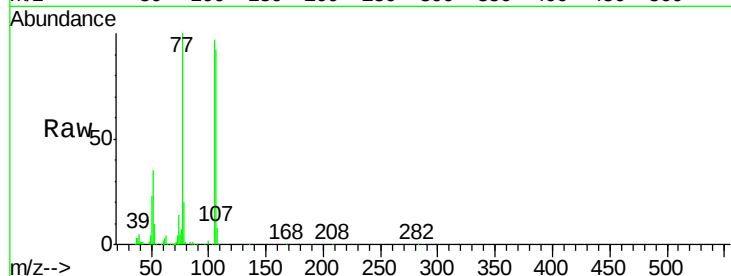
Tot Ion: 77 Resp: 135929

Ion Ratio Lower Upper

77 100

105 97.1 72.9 112.9

106 91.7 67.6 107.6



#10

Phenol

Concen: 36.703 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

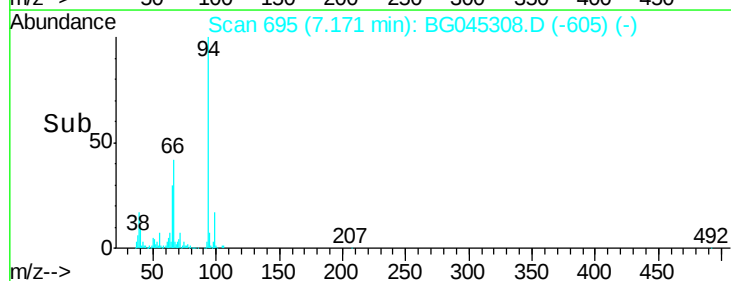
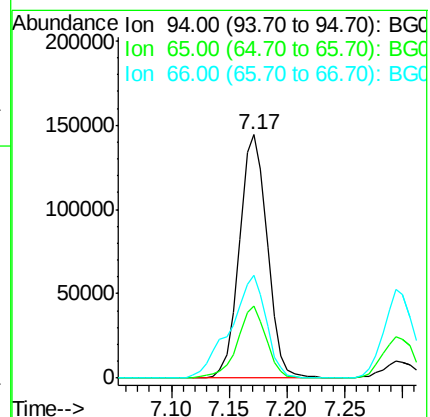
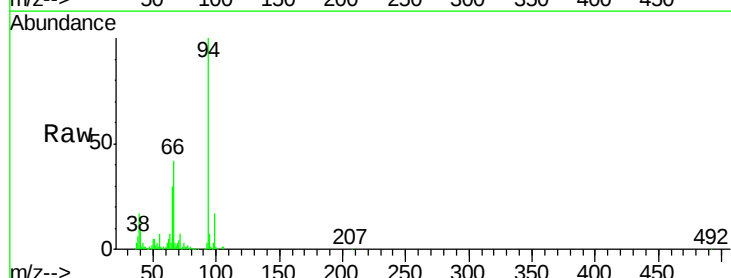
Tgt Ion: 94 Resp: 241146

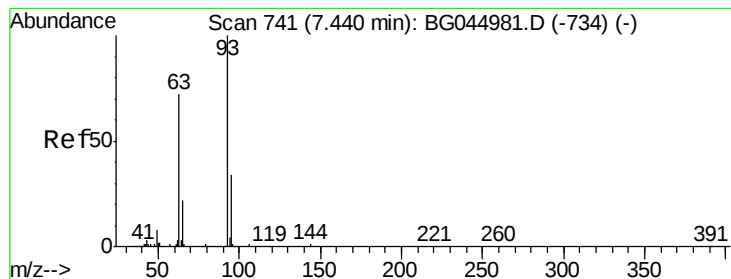
Ion Ratio Lower Upper

94 100

65 29.6 8.2 48.2

66 42.2 20.4 60.4





#11

bis(2-Chloroethyl)ether

Concen: 32.306 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

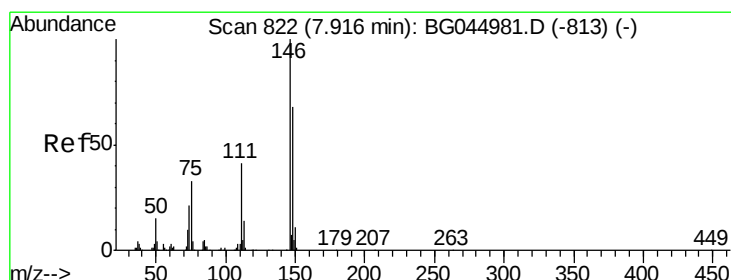
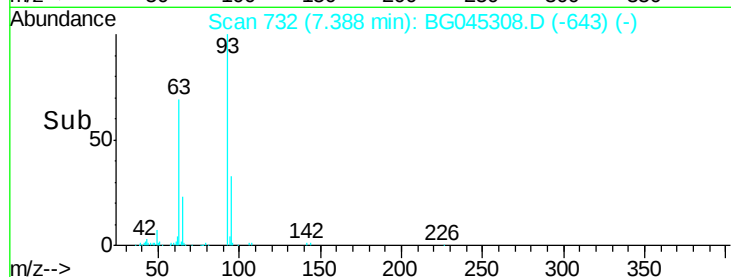
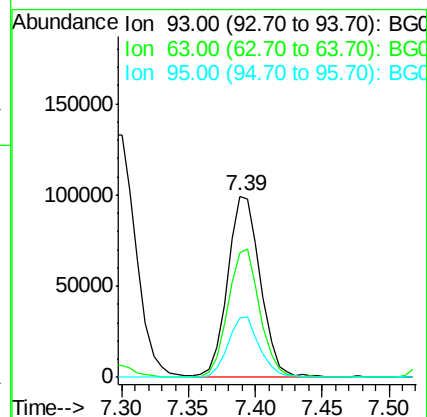
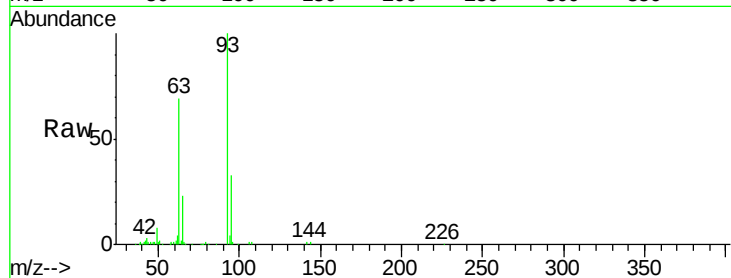
Tot Ion: 93 Resp: 168992

Ion Ratio Lower Upper

93 100

63 68.6 51.8 91.8

95 32.7 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 35.428 ng

RT: 7.86 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

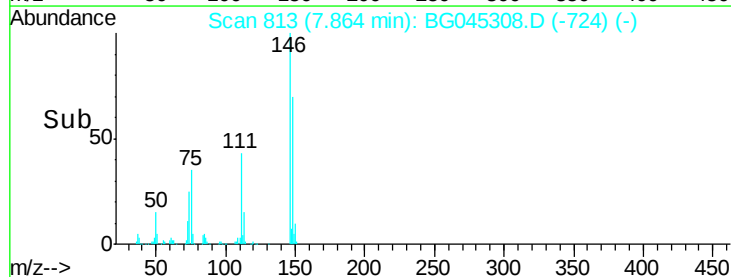
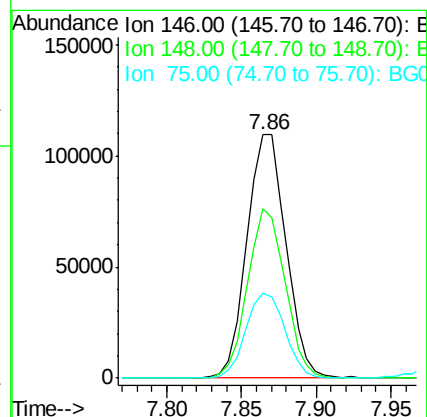
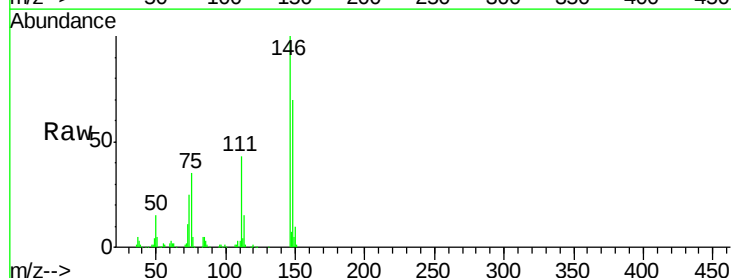
Tgt Ion: 146 Resp: 198274

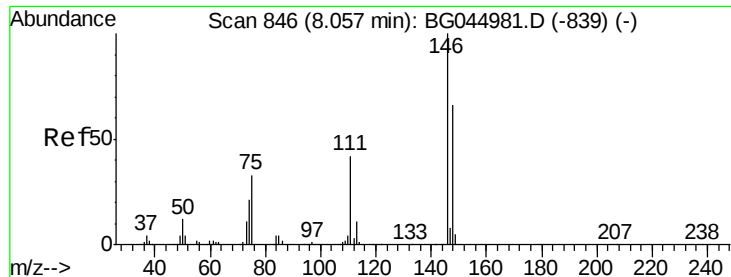
Ion Ratio Lower Upper

146 100

148 69.7 54.6 81.8

75 34.7 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 35.092 ng

RT: 8.01 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

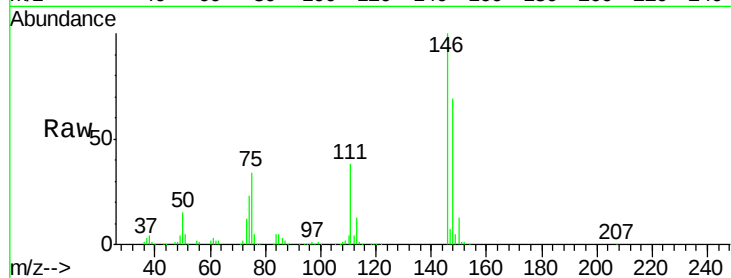
Tot Ion:146 Resp: 195689

Ion Ratio Lower Upper

146 100

148 68.9 53.3 79.9

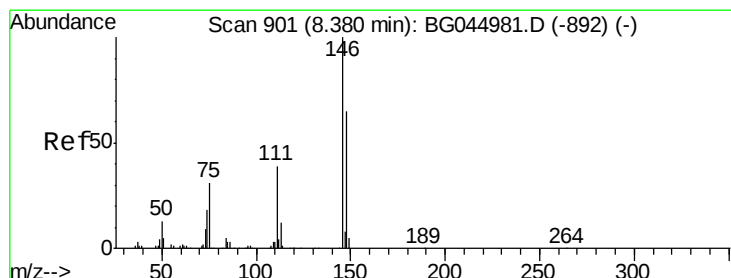
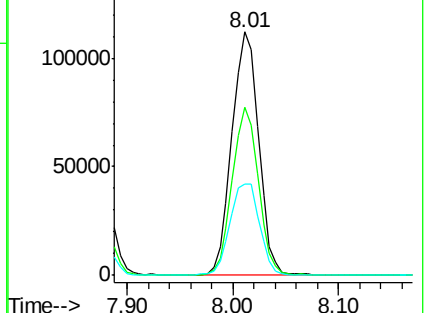
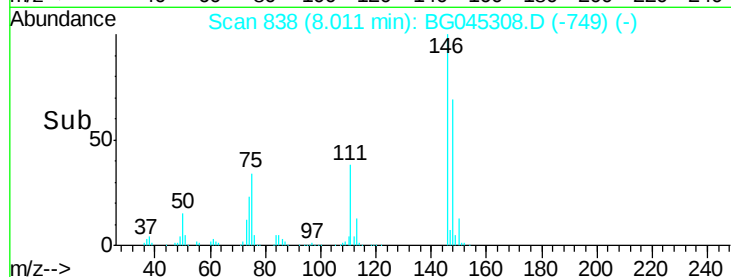
111 37.5 33.8 50.8



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: 34.745 ng

RT: 8.33 min Scan# 893

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

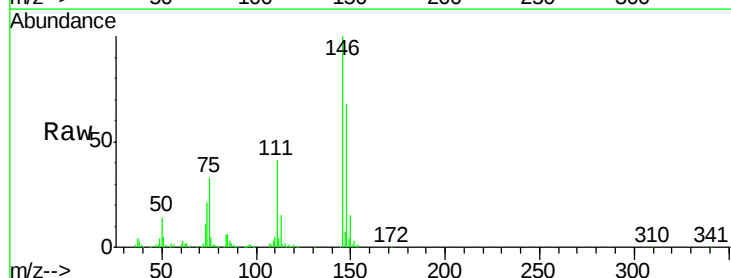
Tgt Ion:146 Resp: 185363

Ion Ratio Lower Upper

146 100

148 67.9 51.9 77.9

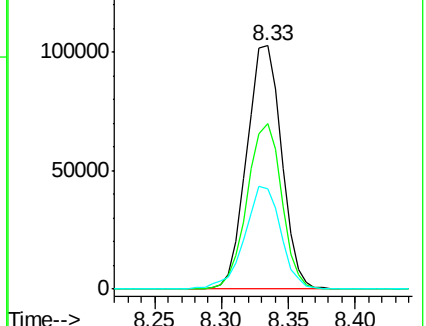
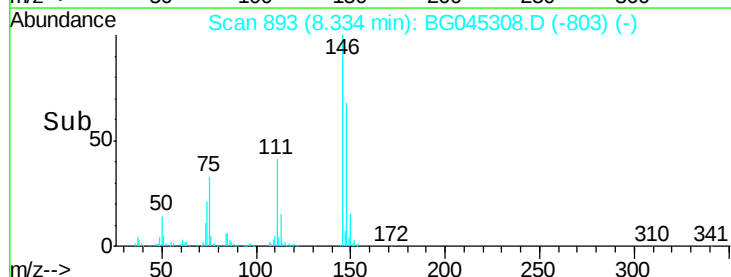
111 41.1 31.3 46.9

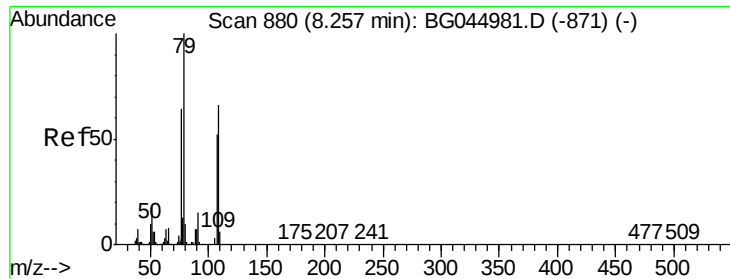


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.125 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

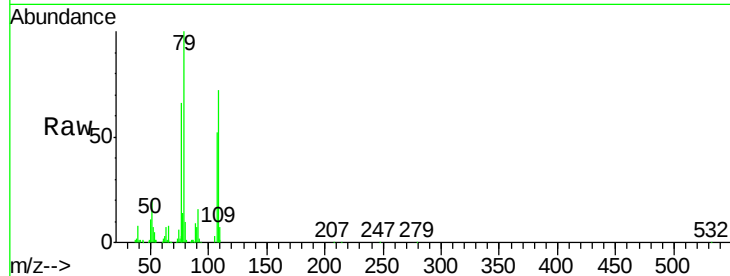
Tot Ion: 79 Resp: 182346

Ion Ratio Lower Upper

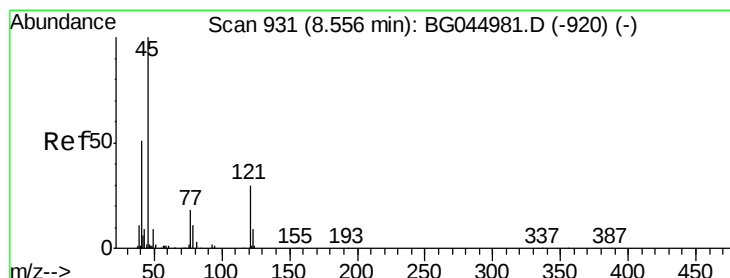
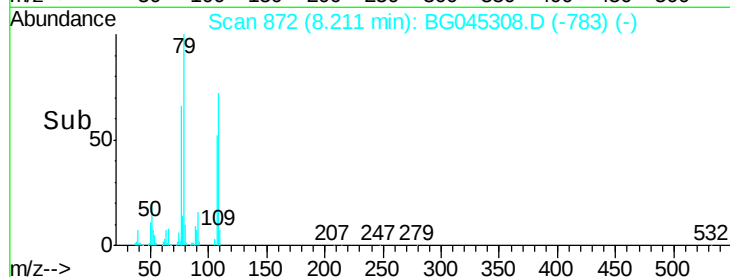
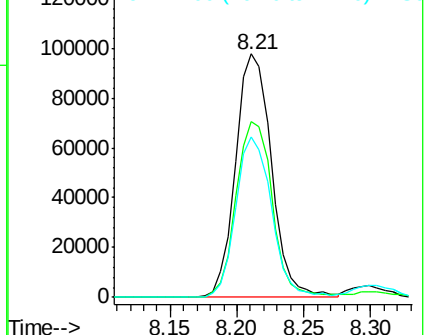
79 100

108 72.3 52.7 79.1

77 66.0 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.610 ng

RT: 8.50 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

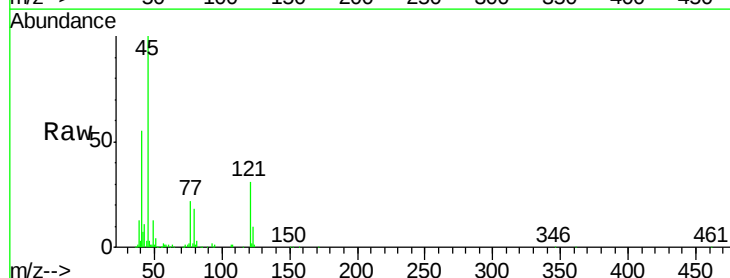
Tgt Ion: 45 Resp: 157179

Ion Ratio Lower Upper

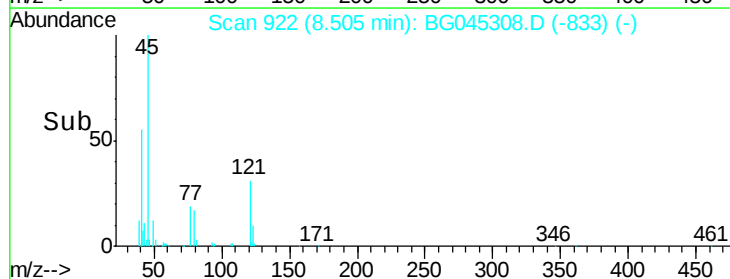
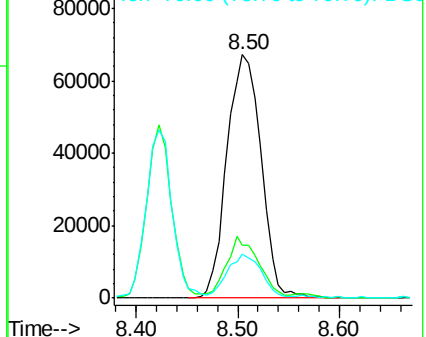
45 100

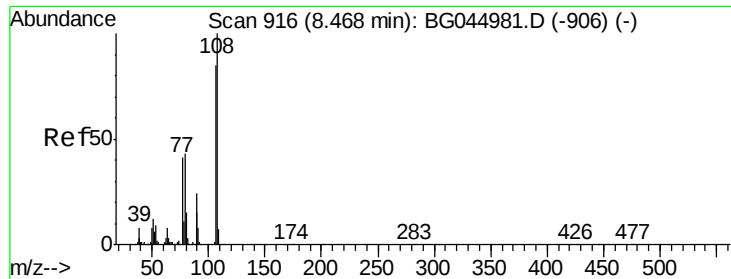
77 21.6 1.9 41.9

79 18.2 0.0 35.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

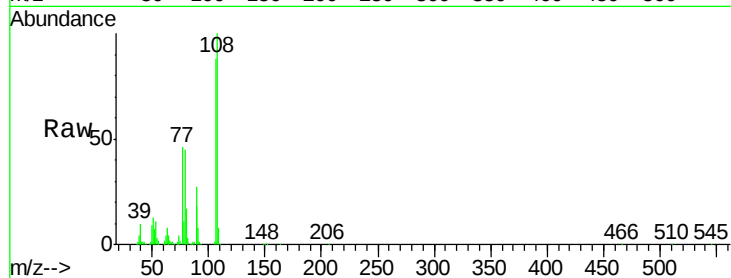




#17
2-Methylphenol
Concen: 32.315 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tot Ion:	107	Resp:	163809
Ion	Ratio	Lower	Upper
107	100		
108	113.1	93.8	140.6
77	52.4	38.5	57.7
79	51.0	40.1	60.1



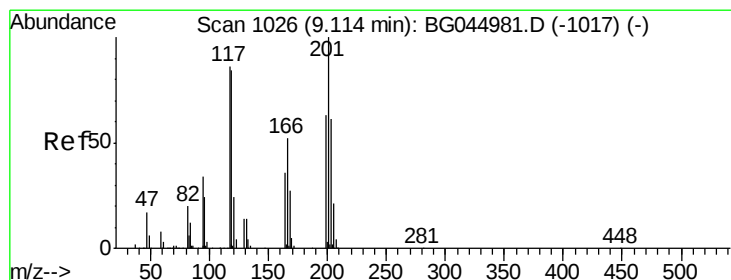
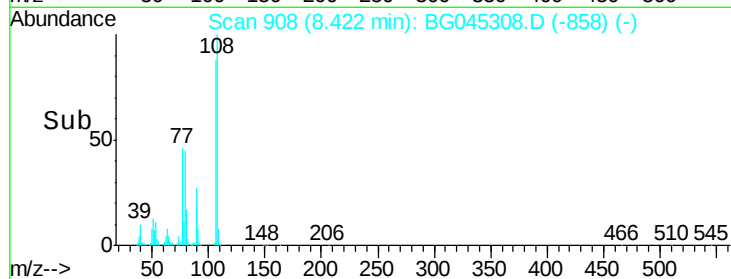
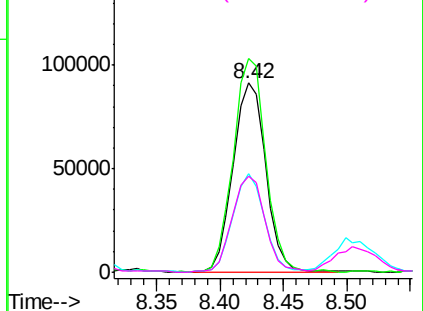
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

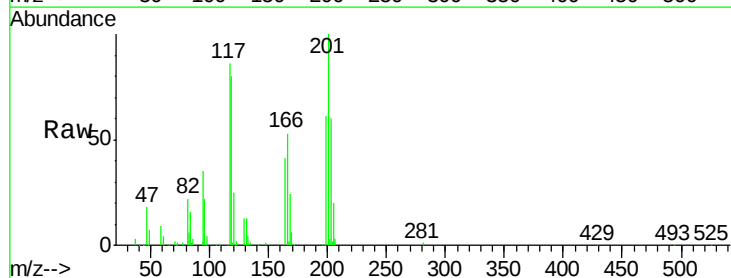
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 35.697 ng
RT: 9.06 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:	117	Resp:	74835
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.3	117.5
201	116.9	92.9	139.3

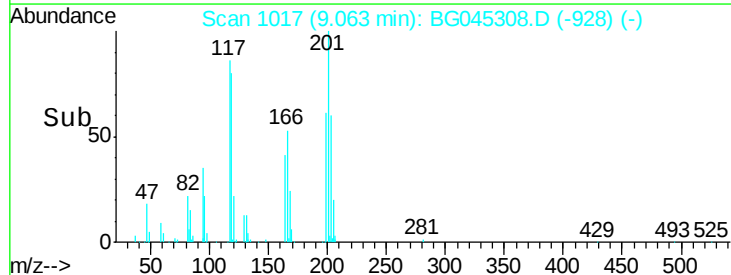
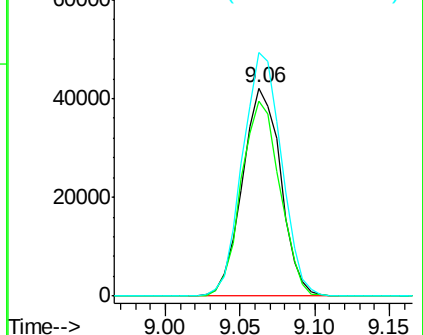


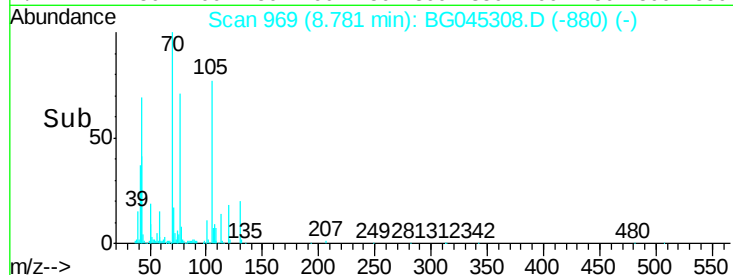
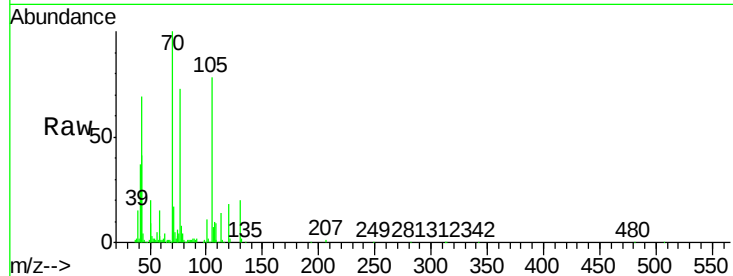
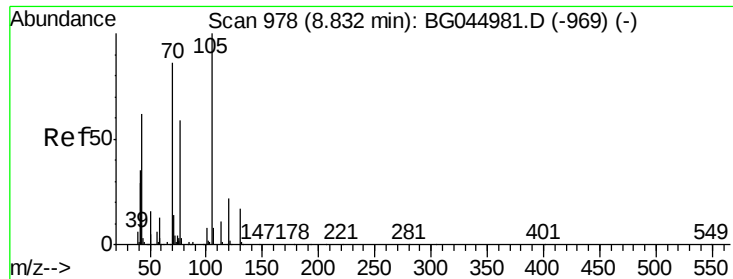
Abundance

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

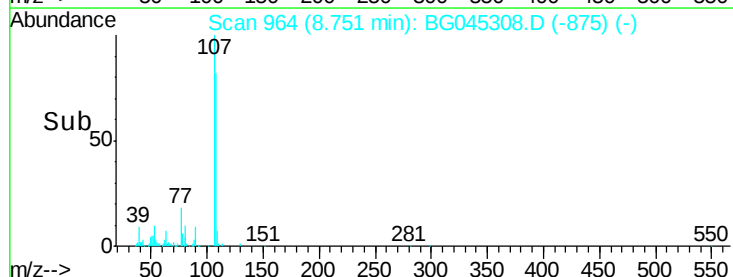
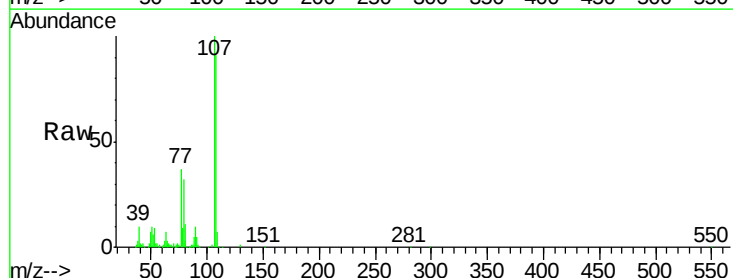
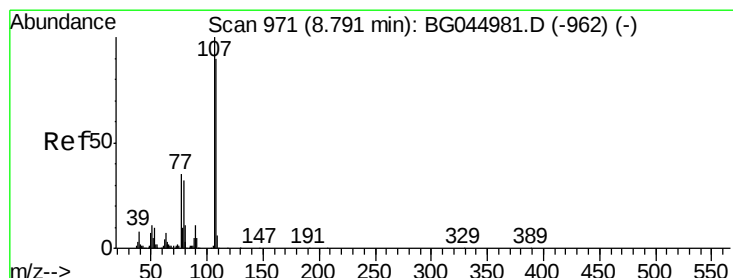
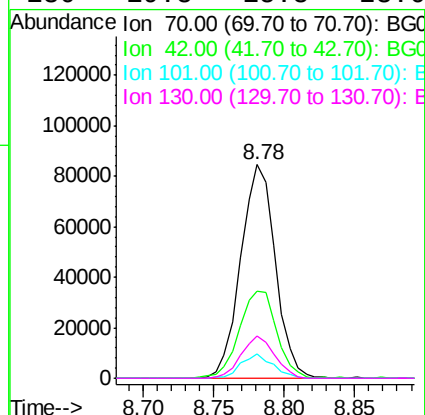




#19
n-Nitroso-di-n-propylamine
Concen: 31.225 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

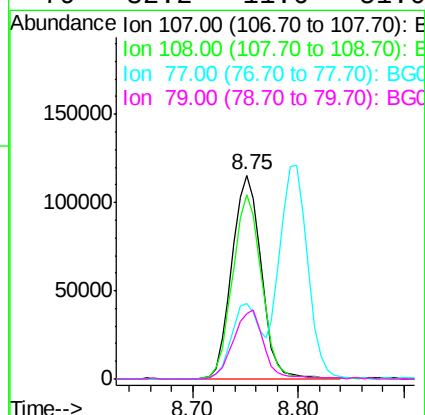
Instrument :
BNA_G
ClientSampleId :
PB128752BS

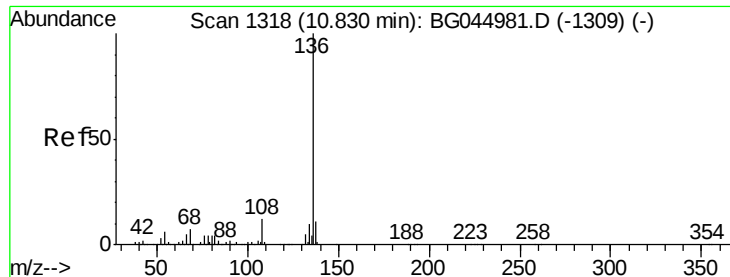
Tot Ion:	70	Resp:	144986
Ion	Ratio	Lower	Upper
70	100		
42	40.6	33.3	49.9
101	11.2	7.8	11.8
130	19.8	15.8	23.6



#20
3+4-Methylphenols
Concen: 31.320 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:	107	Resp:	222231
Ion	Ratio	Lower	Upper
107	100		
108	90.7	69.9	109.9
77	37.0	15.2	55.2
79	32.2	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

Tot Ion:136 Resp: 288098

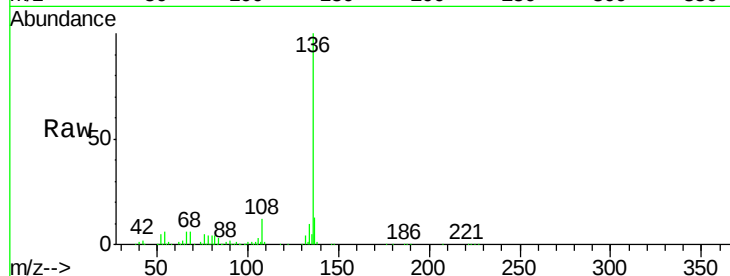
Ion Ratio Lower Upper

136 100

137 13.0 8.6 13.0#

54 6.0 4.8 7.2

68 6.2 5.2 7.8

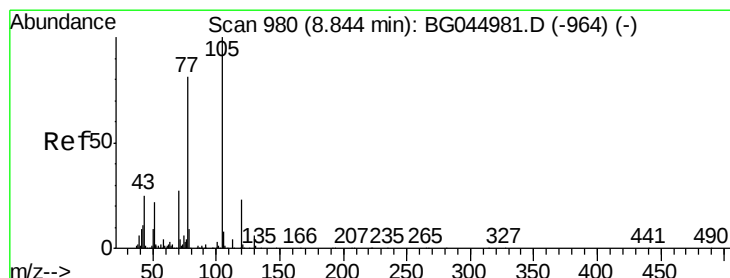
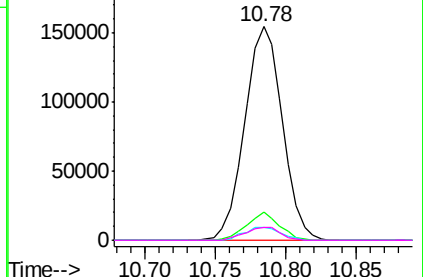
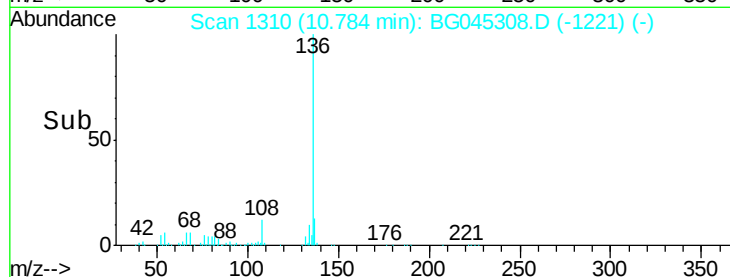


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.490 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:105 Resp: 276497

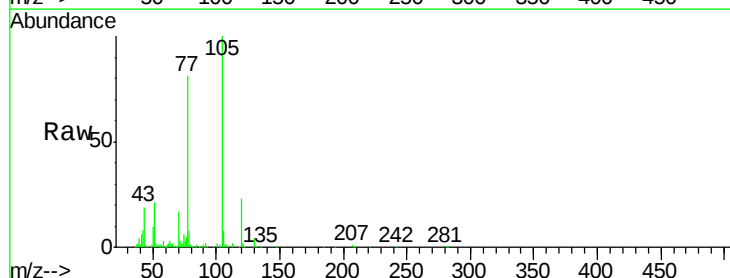
Ion Ratio Lower Upper

105 100

71 2.6 3.3 4.9#

51 21.0 17.3 25.9

120 22.6 18.4 27.6

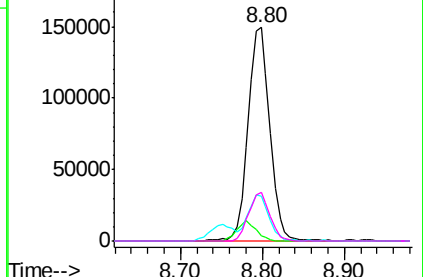
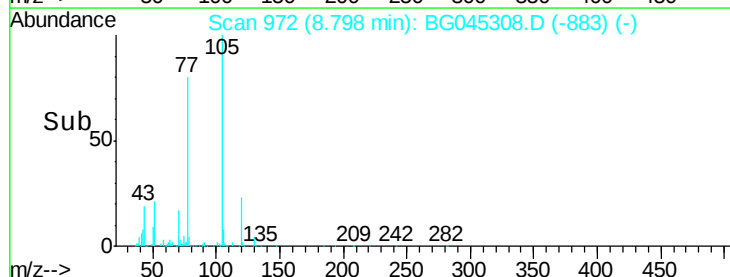


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

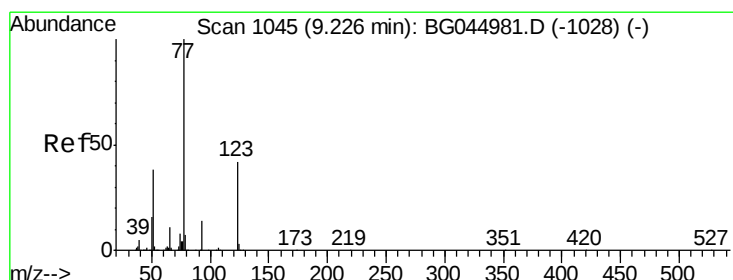
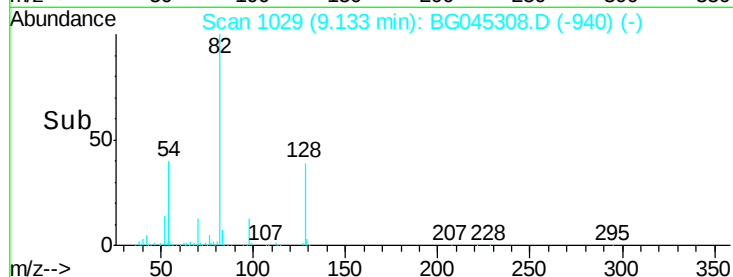
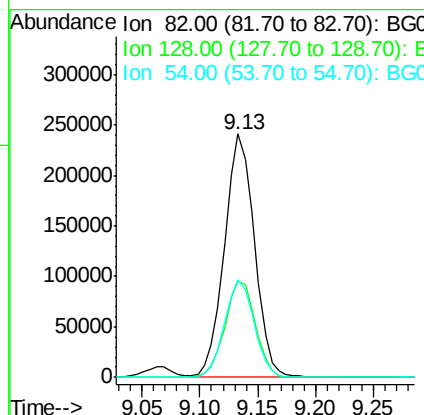
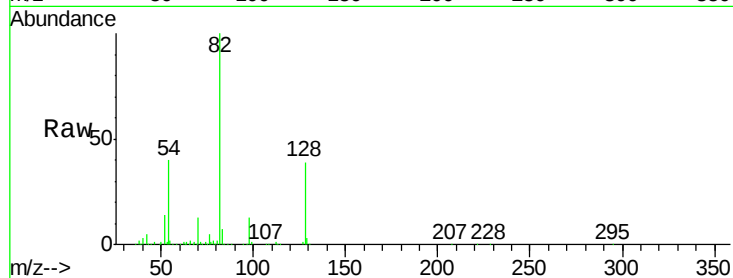




#23
 Nitrobenzene-d5
 Concen: 68.671 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

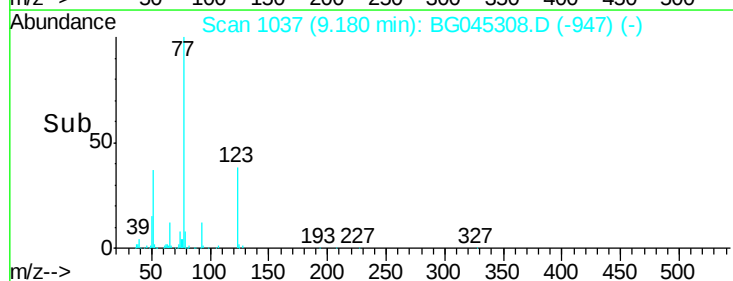
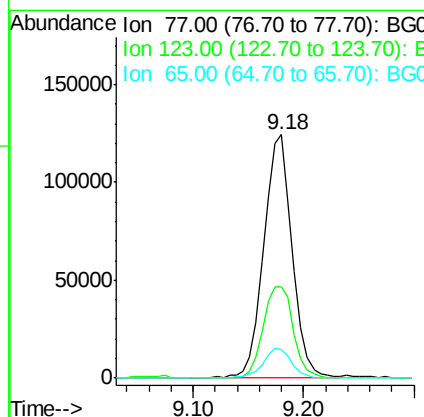
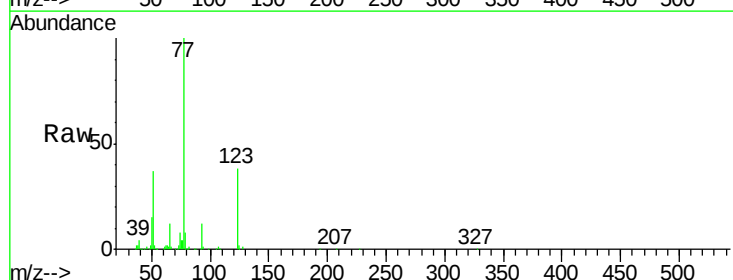
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

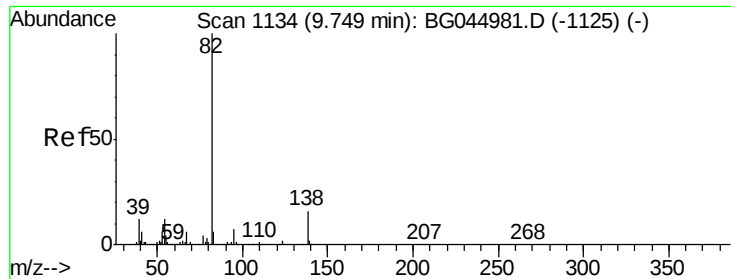
Tot Ion: 82 Resp: 433583
 Ion Ratio Lower Upper
 82 100
 128 39.4 33.0 49.4
 54 40.0 30.4 45.6



#24
 Nitrobenzene
 Concen: 34.559 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion: 77 Resp: 223670
 Ion Ratio Lower Upper
 77 100
 123 37.5 34.3 51.5
 65 11.8 8.9 13.3





#25

Isophorone

Concen: 31.899 ng

RT: 9.70 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

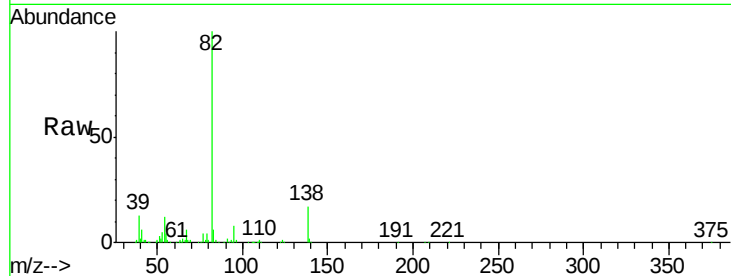
Tot Ion: 82 Resp: 412451

Ion Ratio Lower Upper

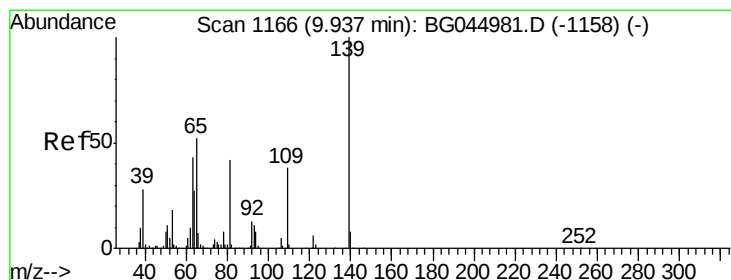
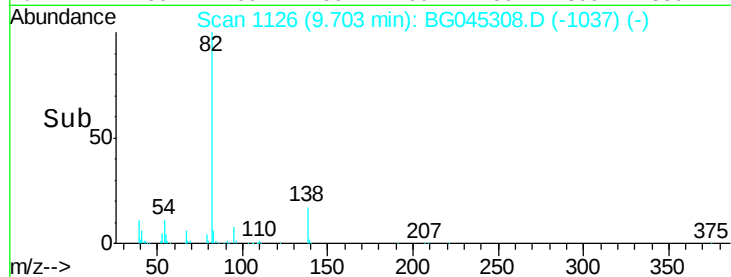
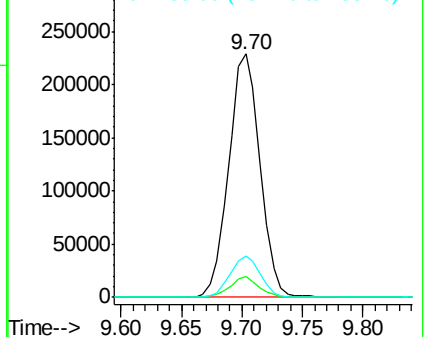
82 100

95 8.4 6.0 9.0

138 16.8 12.7 19.1



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



#26

2-Nitrophenol

Concen: 36.701 ng

RT: 9.89 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

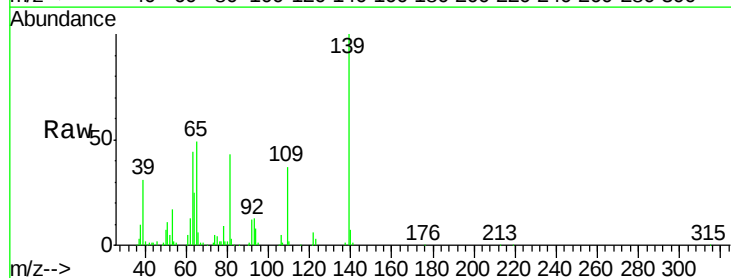
Tgt Ion: 139 Resp: 102315

Ion Ratio Lower Upper

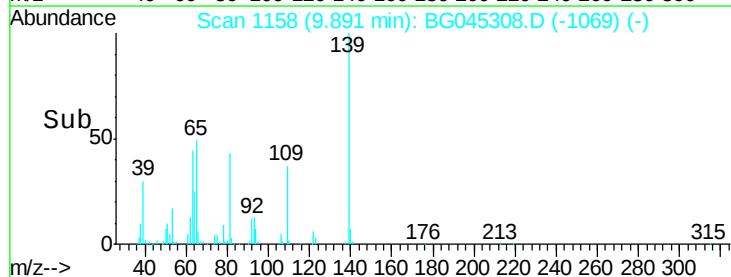
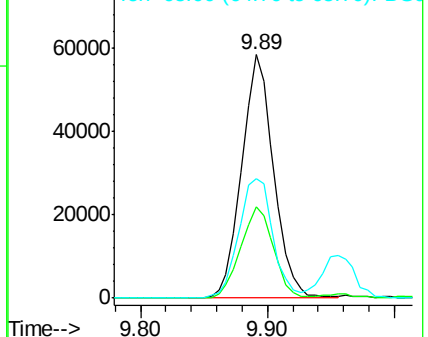
139 100

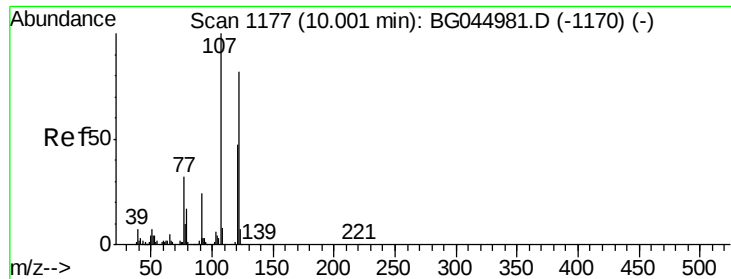
109 37.4 30.6 45.8

65 49.0 41.8 62.6



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

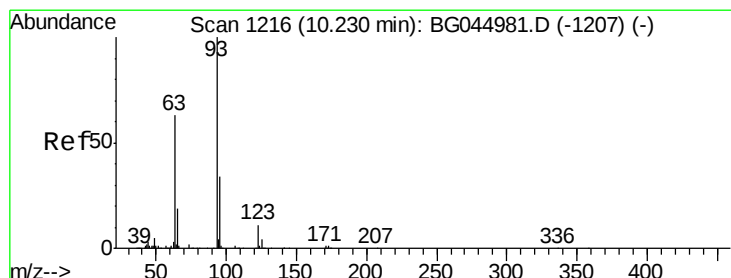
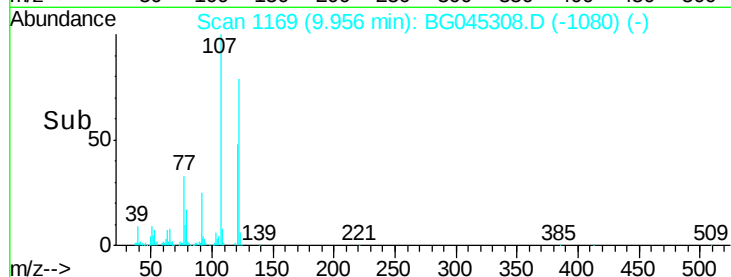
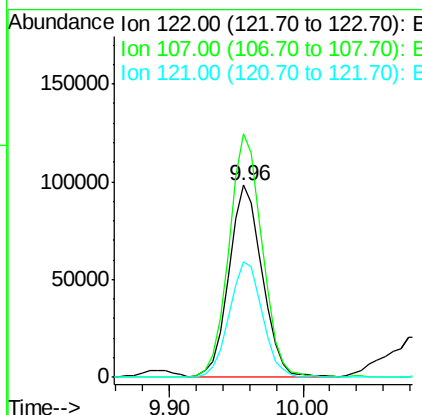
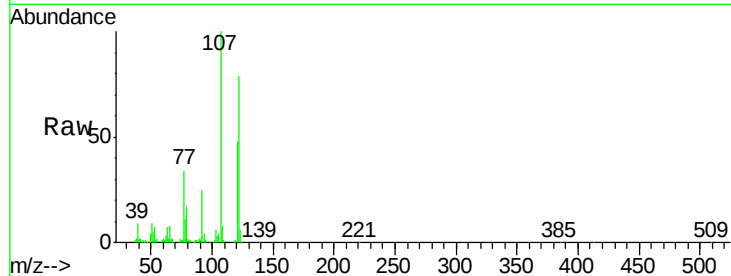




#27
2,4-Dimethylphenol
Concen: 38.262 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

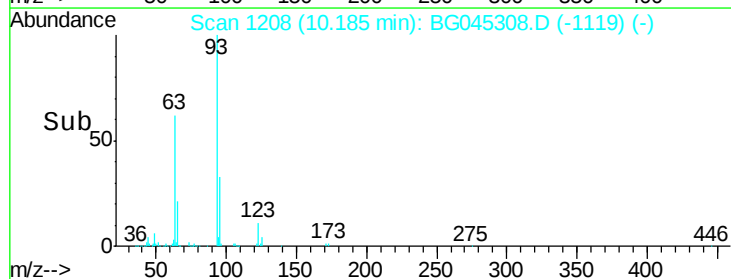
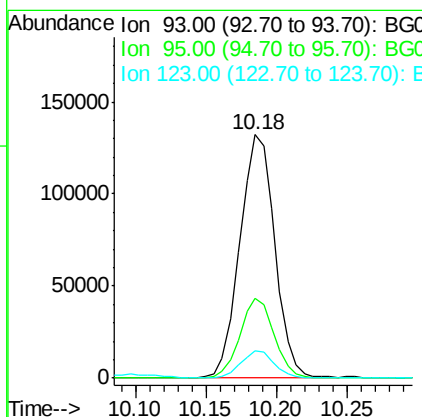
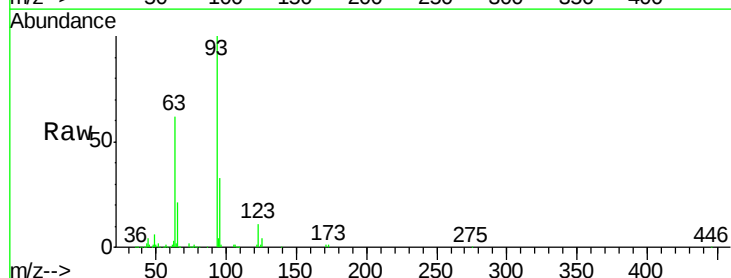
Instrument :
BNA_G
ClientSampleId :
PB128752BS

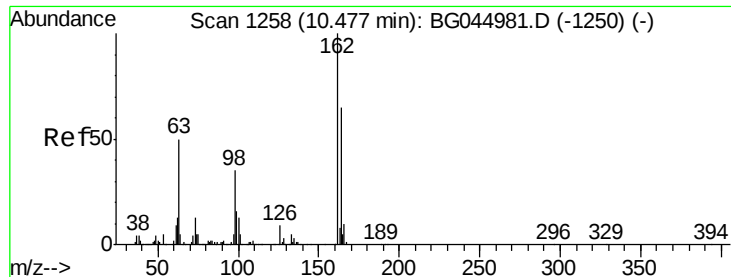
Tot Ion:122 Resp: 169249
Ion Ratio Lower Upper
122 100
107 126.7 96.8 145.2
121 60.3 45.6 68.4



#28
bis(2-Chloroethoxy)methane
Concen: 33.791 ng
RT: 10.18 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion: 93 Resp: 229567
Ion Ratio Lower Upper
93 100
95 32.8 27.0 40.4
123 11.2 8.7 13.1

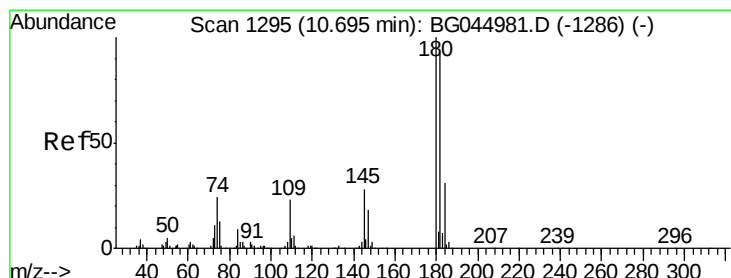
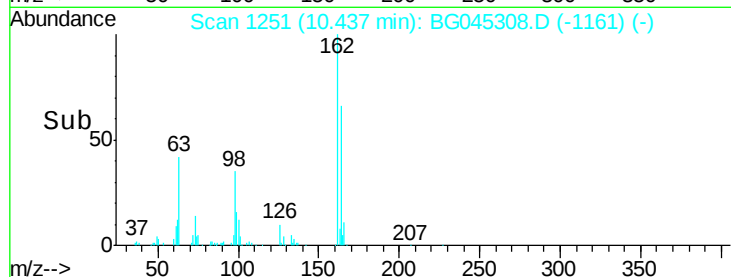
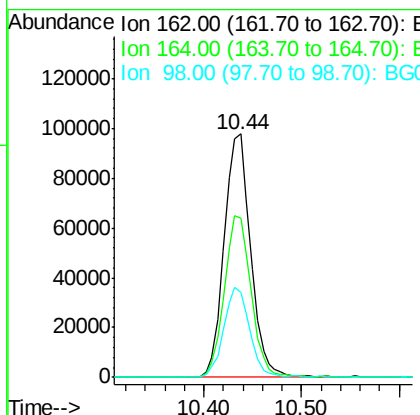
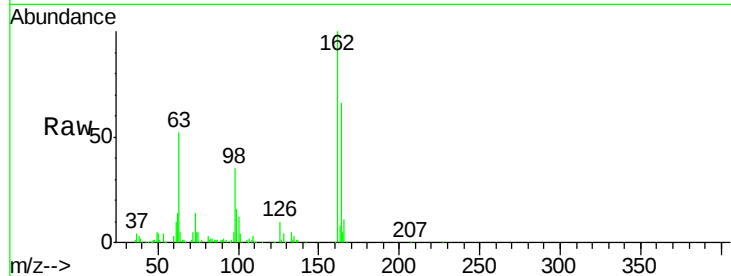




#29
 2,4-Dichlorophenol
 Concen: 36.101 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

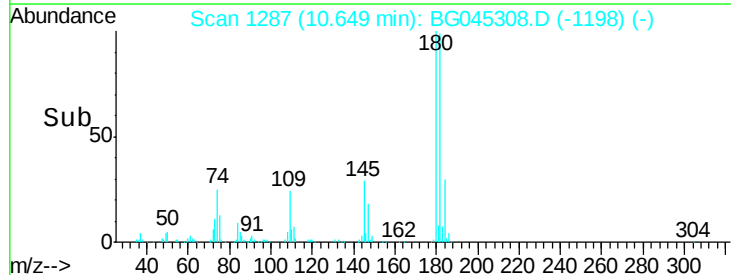
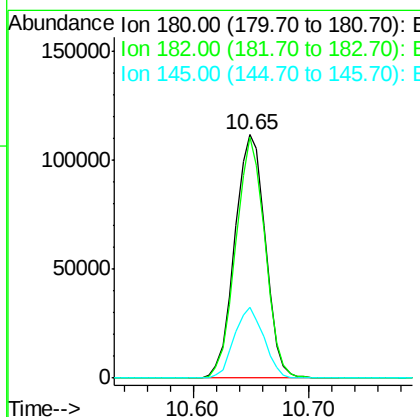
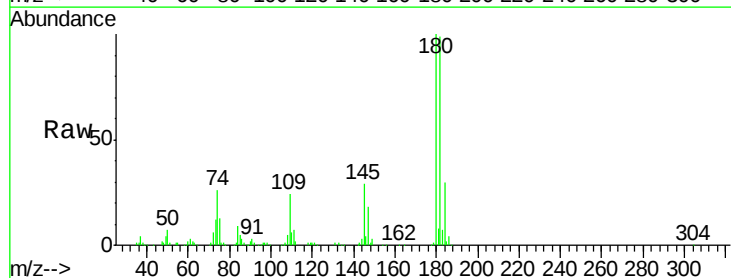
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.0	85.0
98	35.1	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 35.351 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	73.3	109.9
145	29.3	22.6	33.8

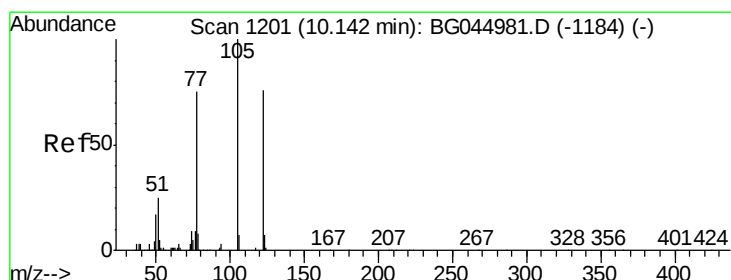
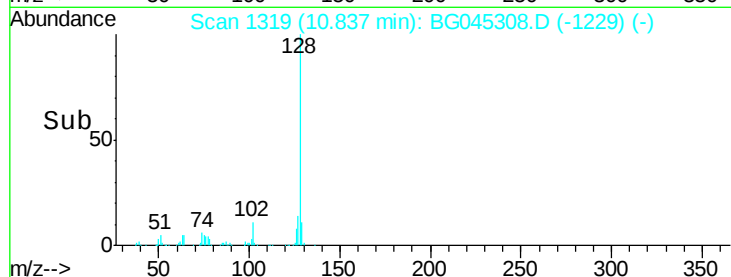
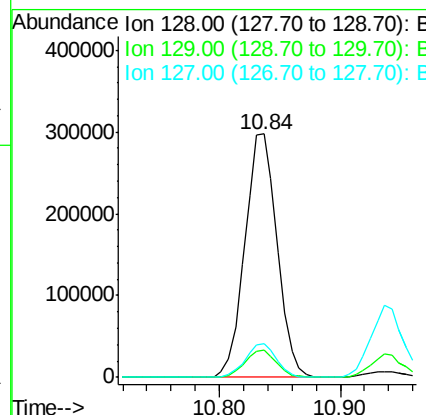
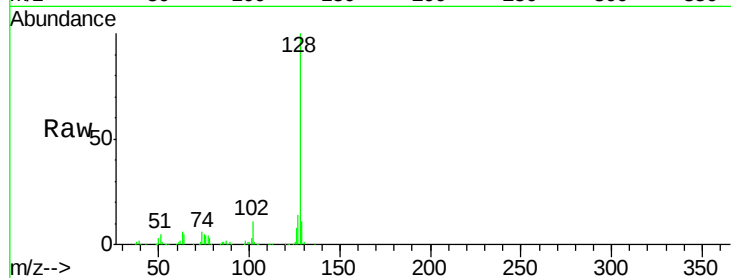




#31
Naphthalene
Concen: 35.208 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

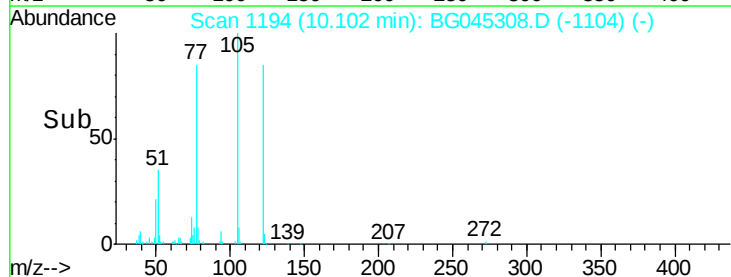
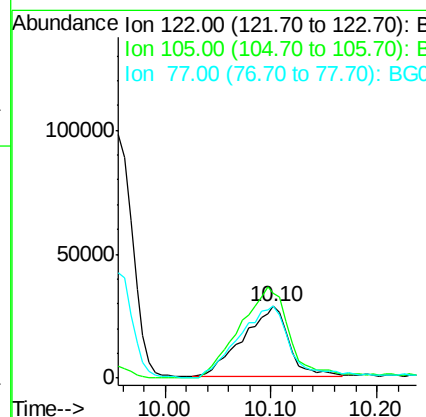
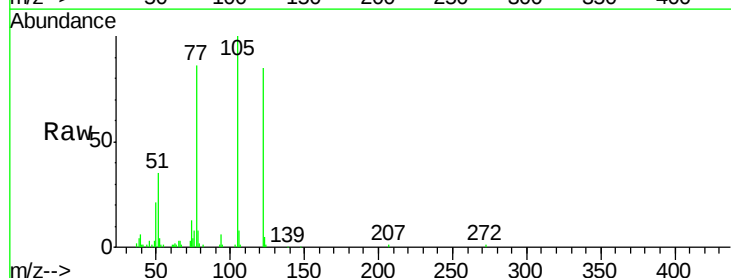
Instrument :
BNA_G
ClientSampleId :
PB128752BS

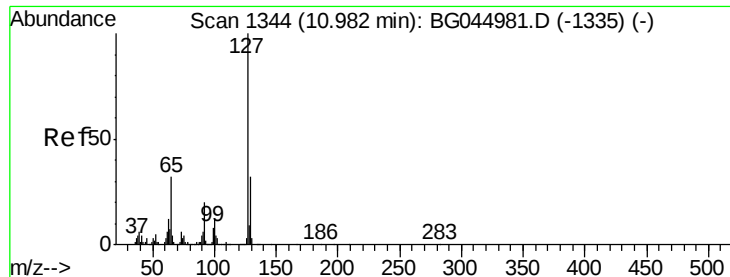
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.2
127	13.7	10.8	16.2



#32
Benzoic acid
Concen: 27.543 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	108.4	148.4
77	101.6	78.8	118.8

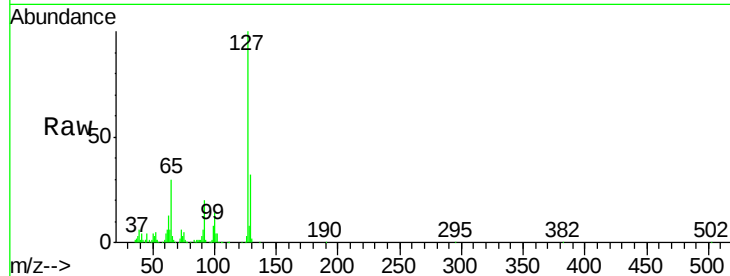




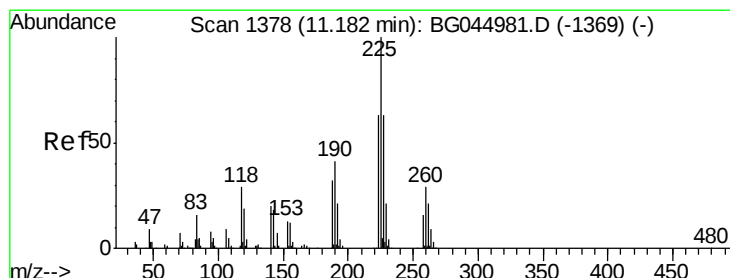
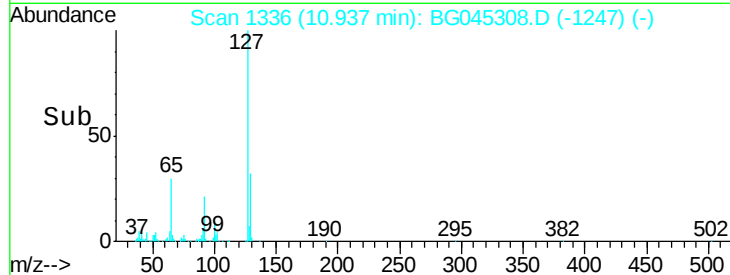
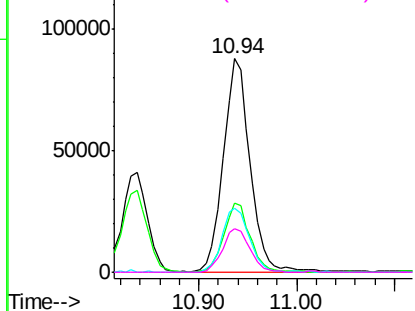
#33
4-Chloroaniline
Concen: 22.464 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tot Ion:127	Resp:	165116
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.7 38.5
65	30.2	25.4 38.2
92	20.4	16.1 24.1

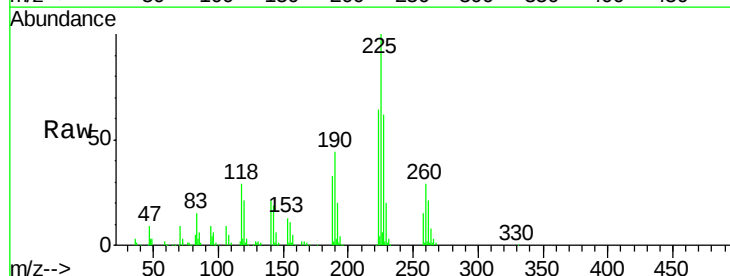


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

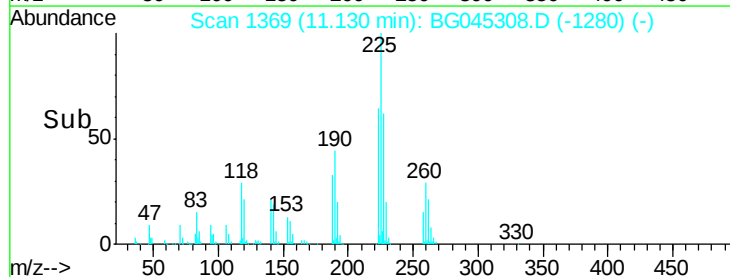
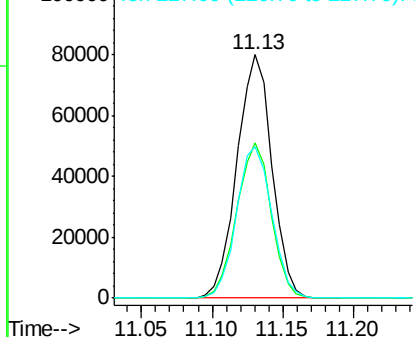


#34
Hexachlorobutadiene
Concen: 34.988 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:225	Resp:	138726
Ion Ratio	Lower	Upper
225	100	
223	63.9	50.7 76.1
227	62.4	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 16.810 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

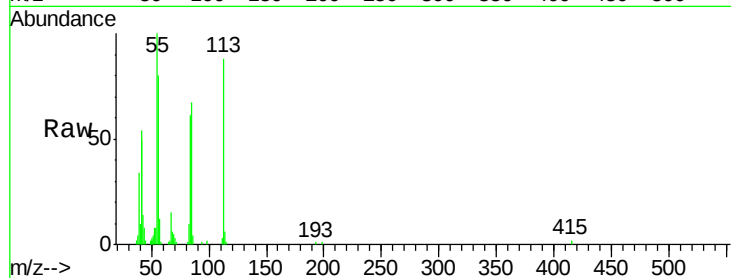
Tot Ion:113 Resp: 34173

Ion Ratio Lower Upper

113 100

55 113.0 118.8 158.8#

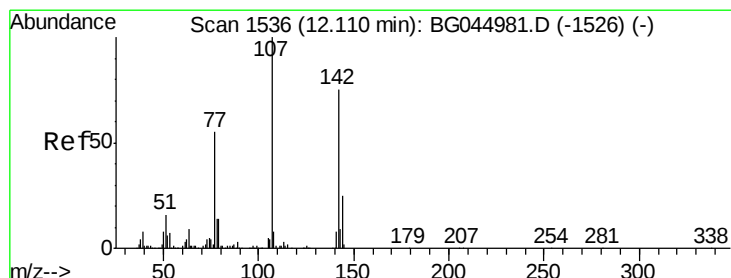
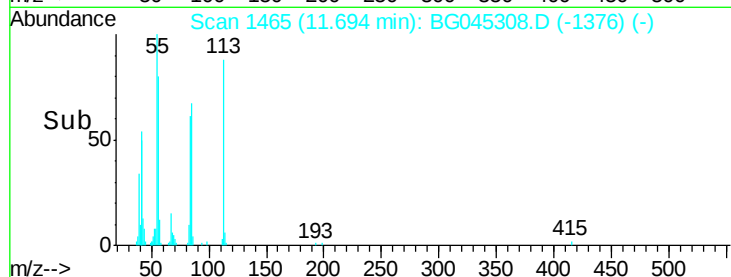
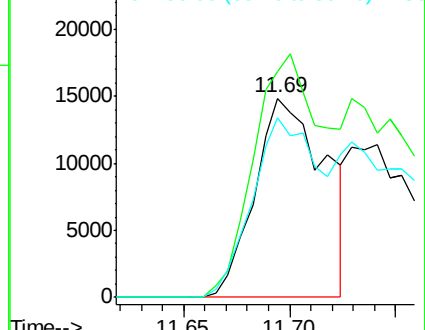
56 90.2 82.6 122.6



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: 34.681 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

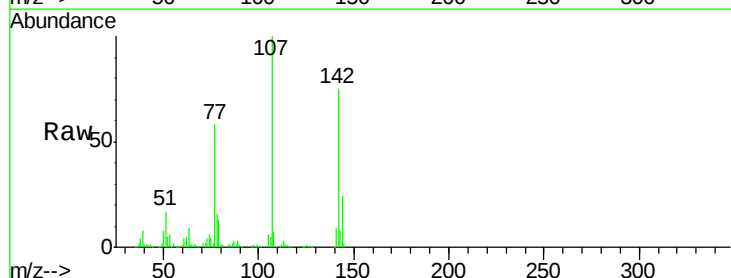
Tgt Ion:107 Resp: 208094

Ion Ratio Lower Upper

107 100

144 23.9 19.8 29.6

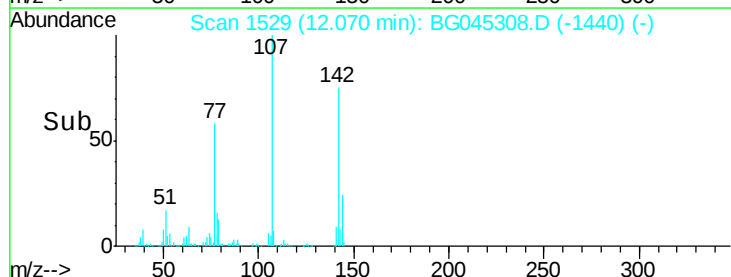
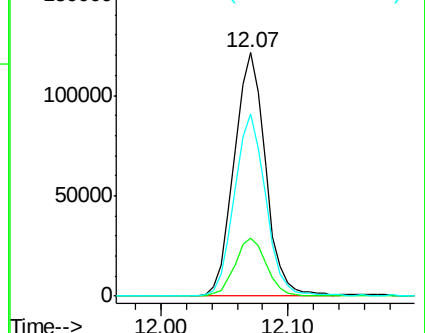
142 74.7 59.7 89.5

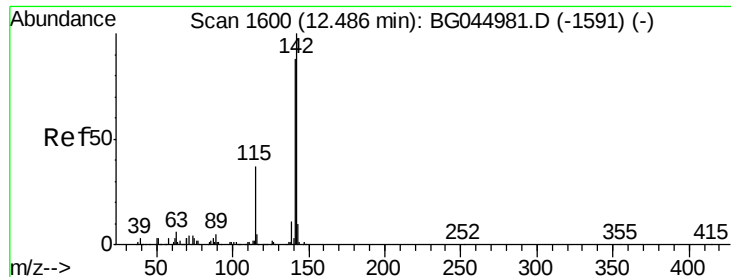


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

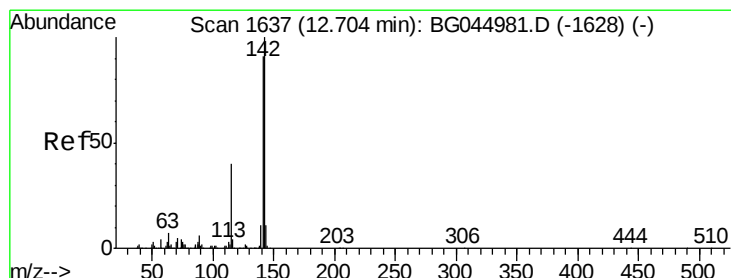
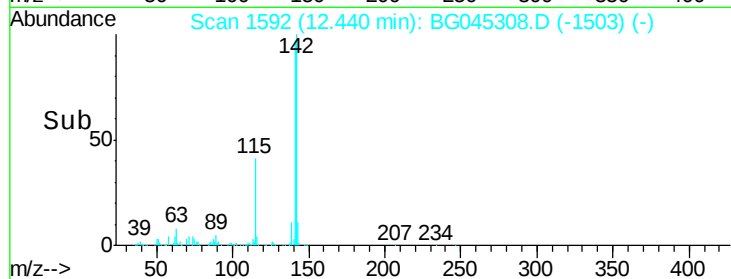
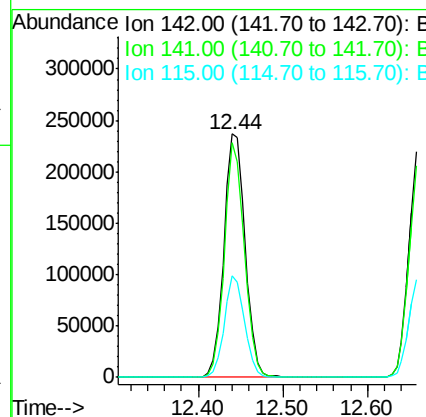
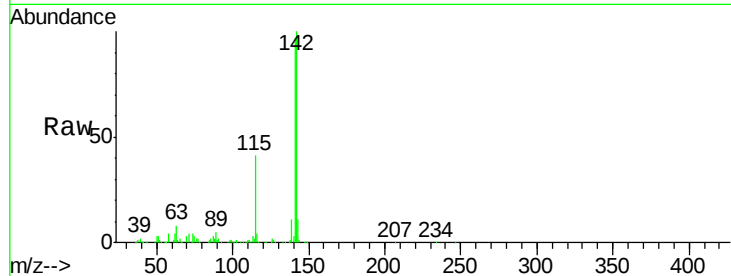




#37
2-Methylnaphthalene
Concen: 33.887 ng
RT: 12.44 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

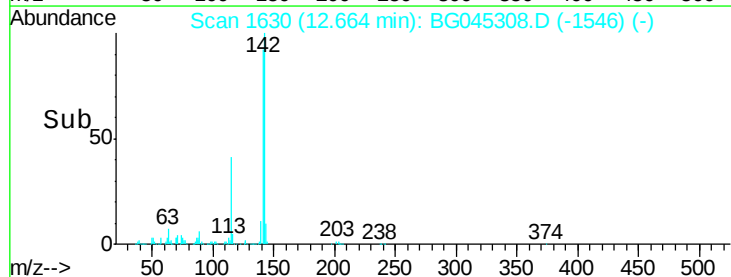
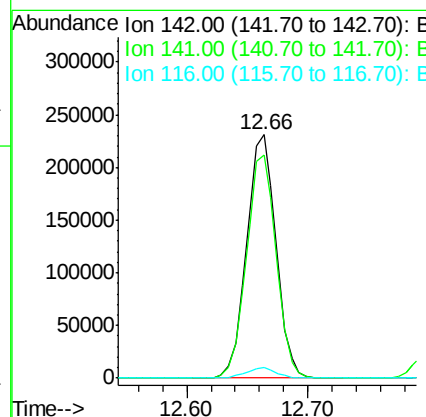
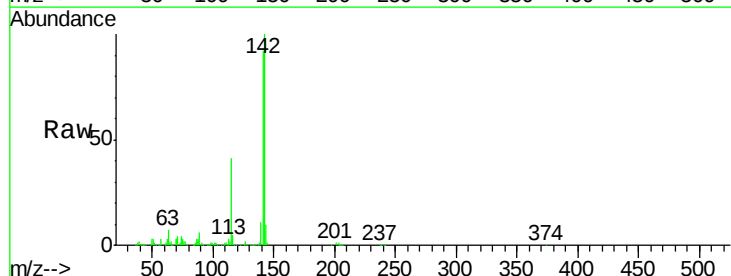
Instrument :
BNA_G
ClientSampleId :
PB128752BS

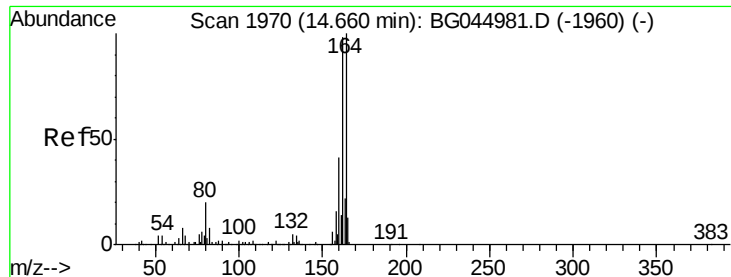
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.6	70.3	105.5
115	41.5	29.8	44.6



#38
1-Methylnaphthalene
Concen: 33.858 ng
RT: 12.66 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.7	109.1
116	4.5	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

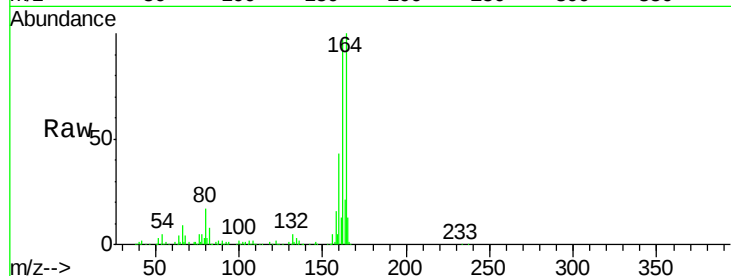
Tot Ion:164 Resp: 201979

Ion Ratio Lower Upper

164 100

162 97.4 78.7 118.1

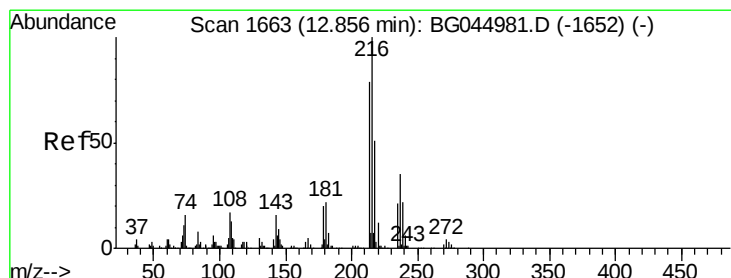
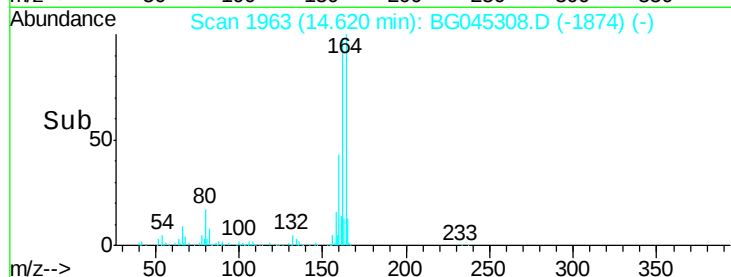
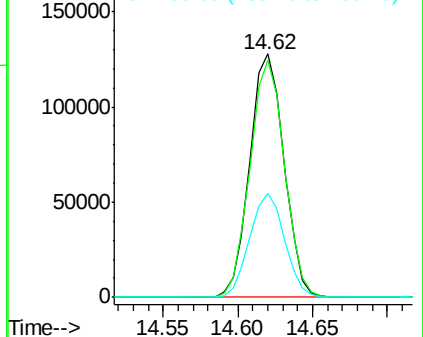
160 42.7 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.649 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:216 Resp: 231832

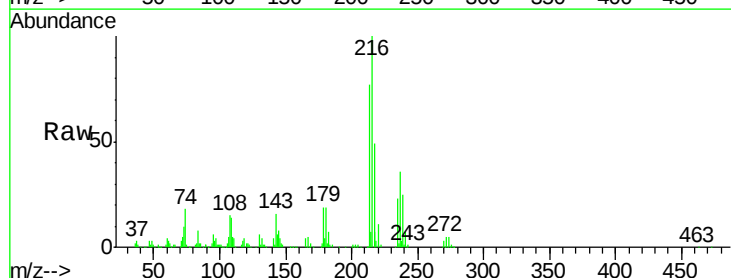
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.6

179 19.7 15.8 23.8

108 19.4 14.2 21.2

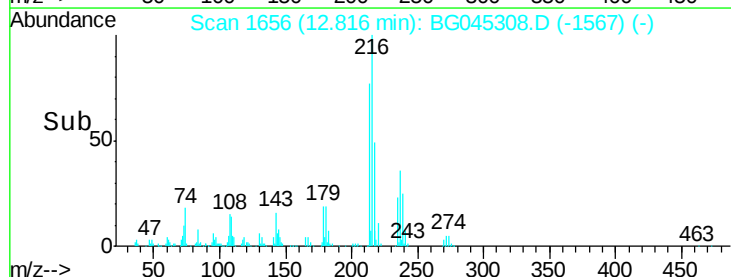
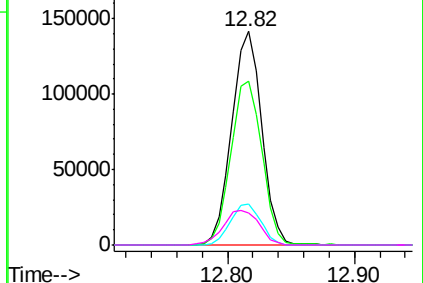


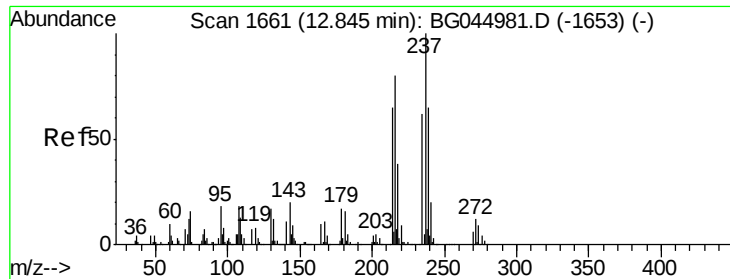
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 79.664 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

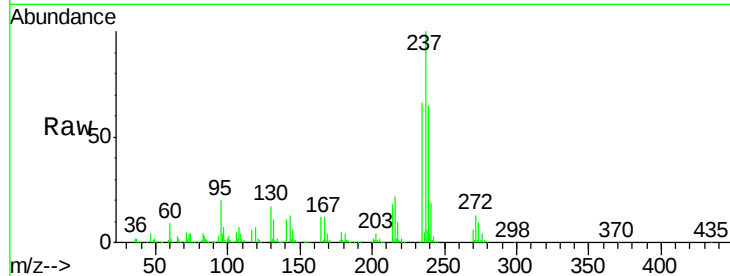
Tot Ion:237 Resp: 323800

Ion Ratio Lower Upper

237 100

235 65.5 41.6 81.6

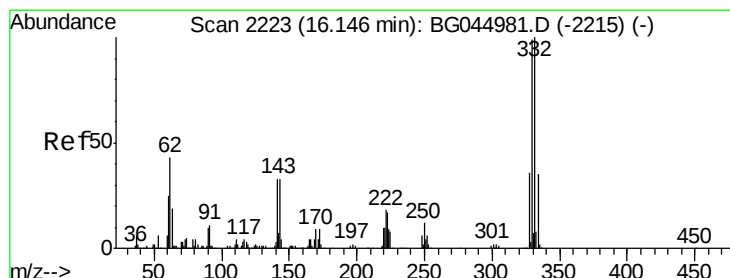
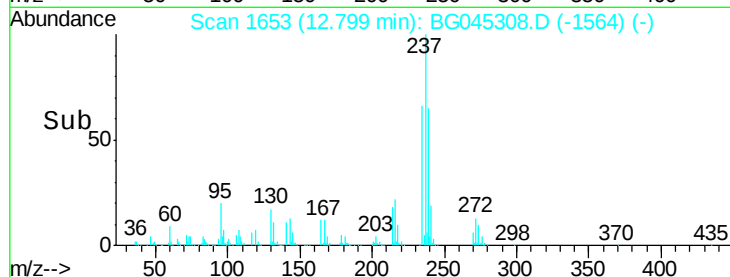
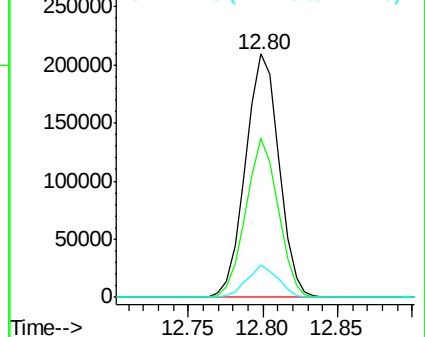
272 13.1 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.457 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

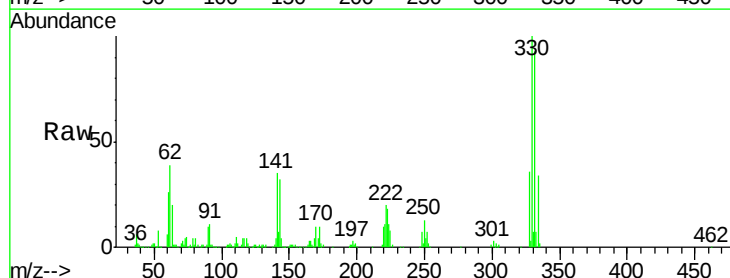
Tgt Ion:330 Resp: 310336

Ion Ratio Lower Upper

330 100

332 95.4 79.1 118.7

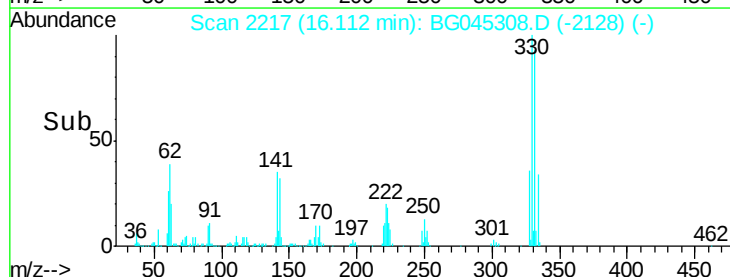
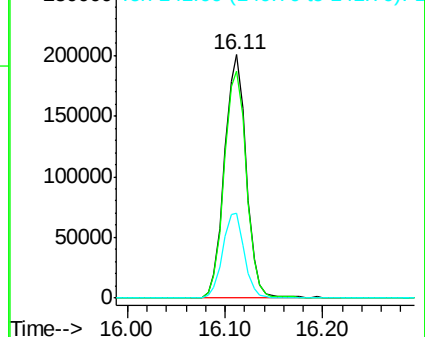
141 34.6 27.1 40.7

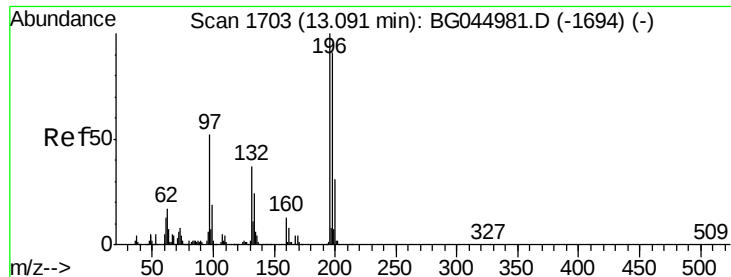


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

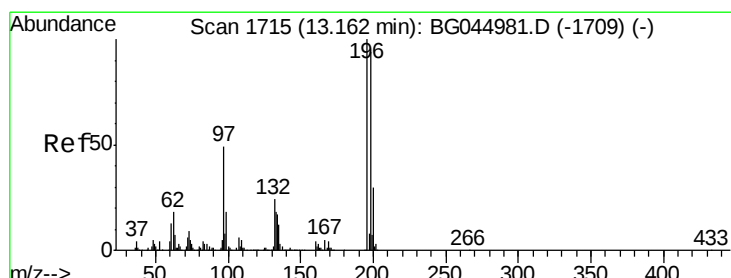
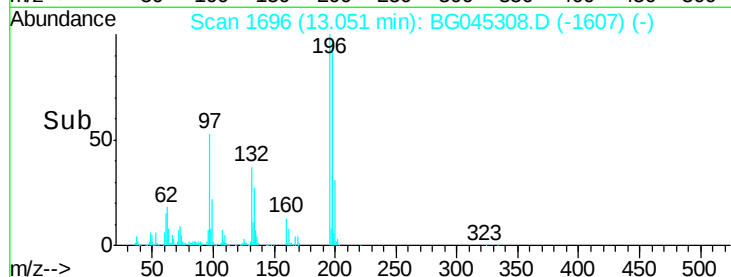
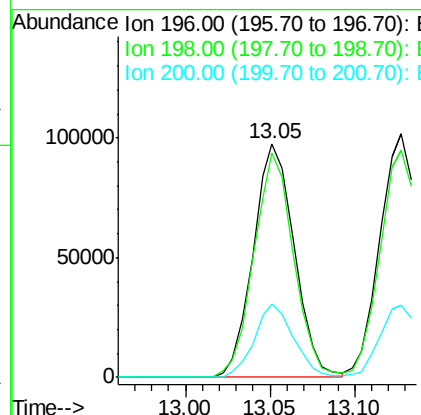
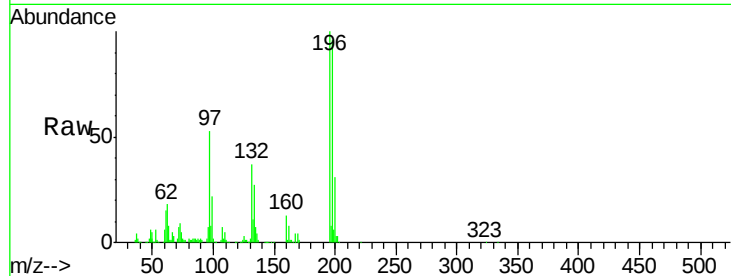




#43
 2,4,6-Trichlorophenol
 Concen: 35.741 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

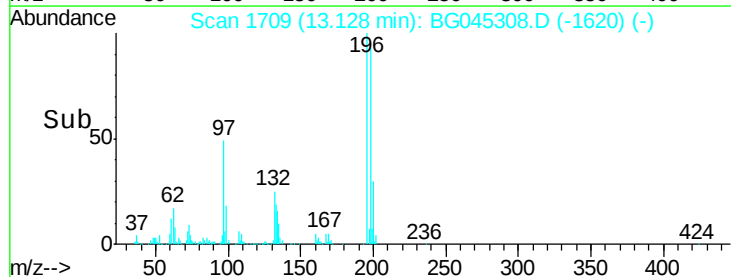
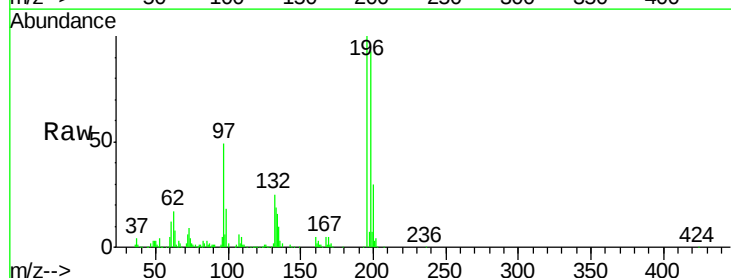
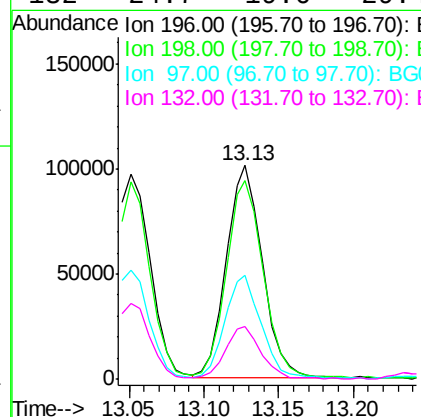
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

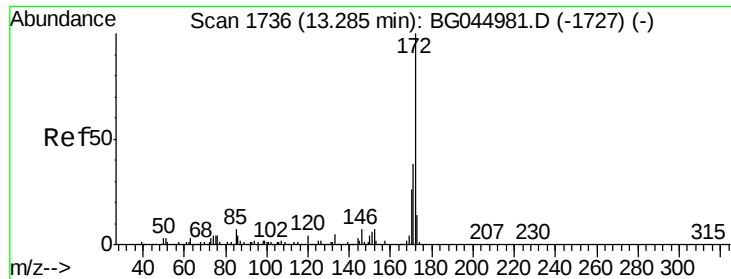
Tot Ion	196	Resp	164043
Ion Ratio	Lower	Upper	
196	100		
198	96.3	72.5	108.7
200	31.3	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 32.726 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	196	Resp	170971
Ion Ratio	Lower	Upper	
196	100		
198	93.1	75.7	113.5
97	48.8	39.6	59.4
132	24.7	19.6	29.4

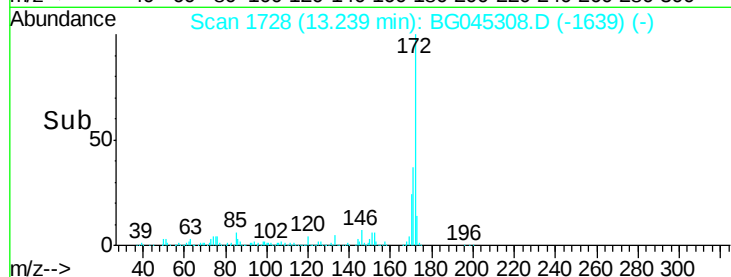
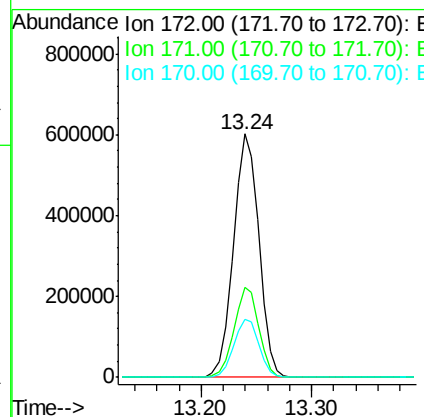
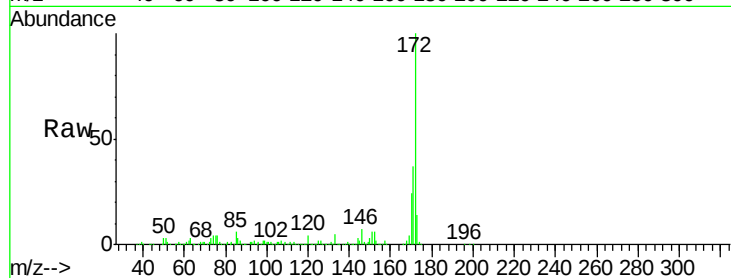




#45
2-Fluorobiphenyl
Concen: 70.461 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

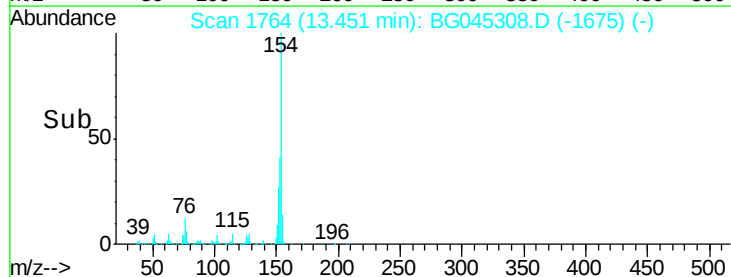
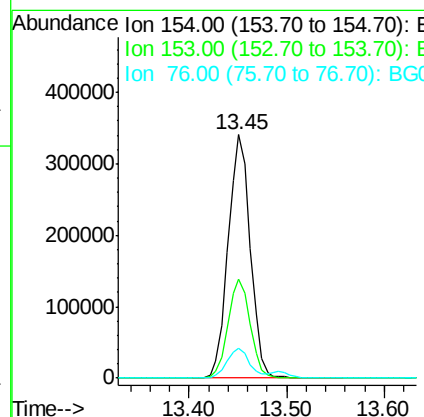
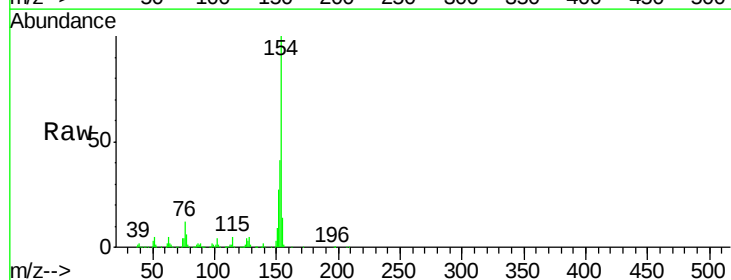
Instrument :
BNA_G
ClientSampleId :
PB128752BS

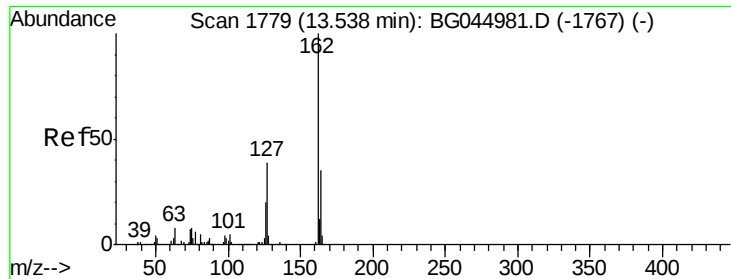
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	23.9	20.5	30.7



#46
1,1'-Biphenyl
Concen: 34.681 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.9	61.9
76	12.2	0.0	33.1

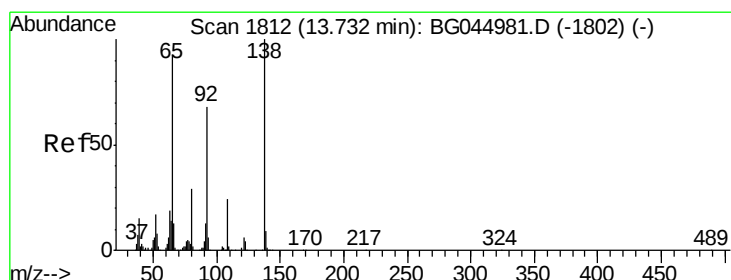
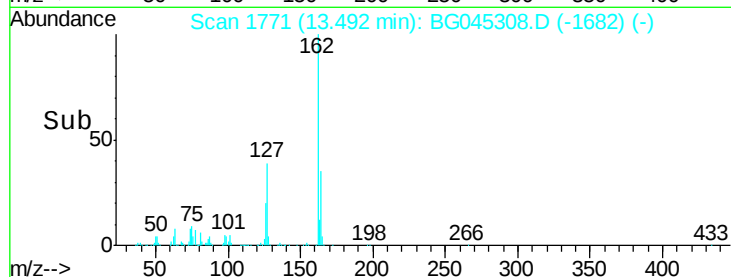
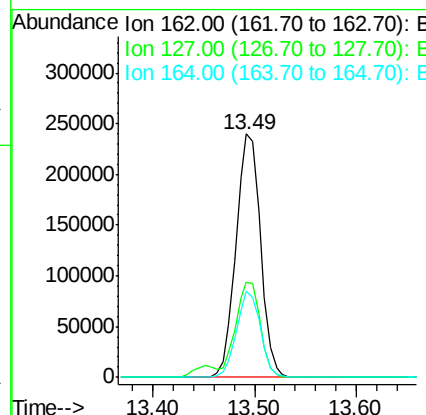
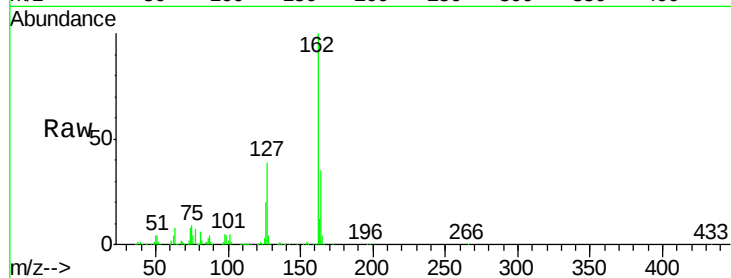




#47
 2-Chloronaphthalene
 Concen: 34.401 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

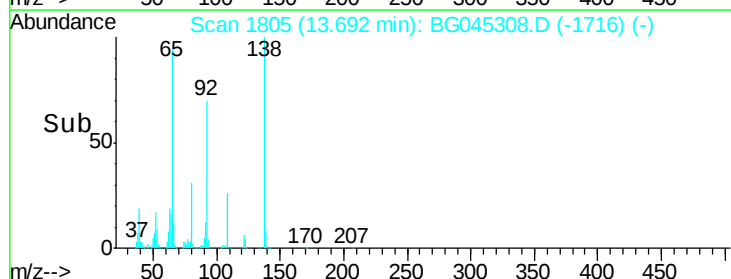
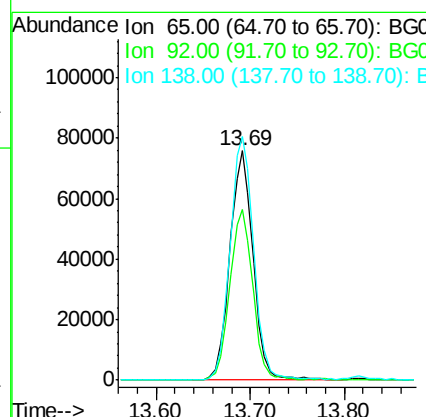
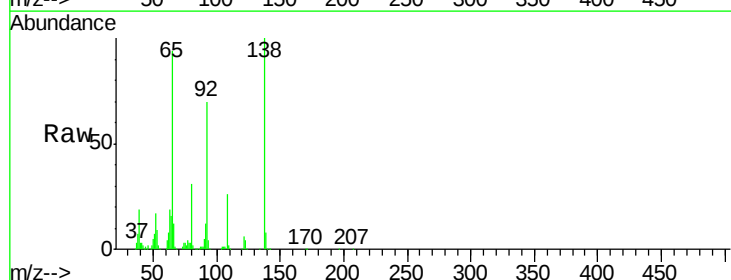
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

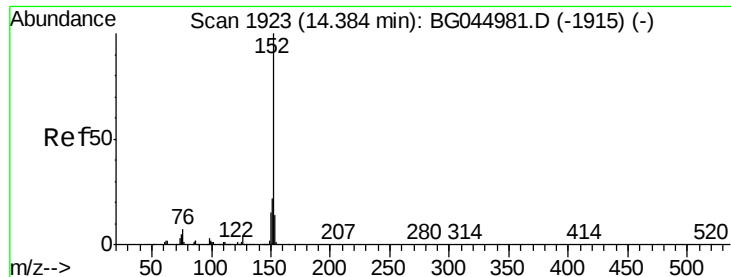
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	35.5	27.8	41.8



#48
 2-Nitroaniline
 Concen: 33.586 ng
 RT: 13.69 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	58.3	87.5
138	106.3	85.6	128.4





#49

Acenaphthylene

Concen: 35.506 ng

RT: 14.34 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

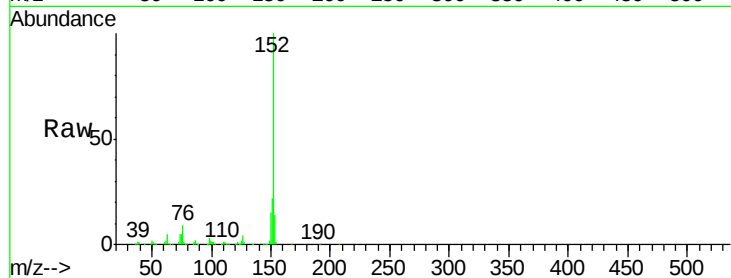
Tot Ion:152 Resp: 678413

Ion Ratio Lower Upper

152 100

151 21.8 17.2 25.8

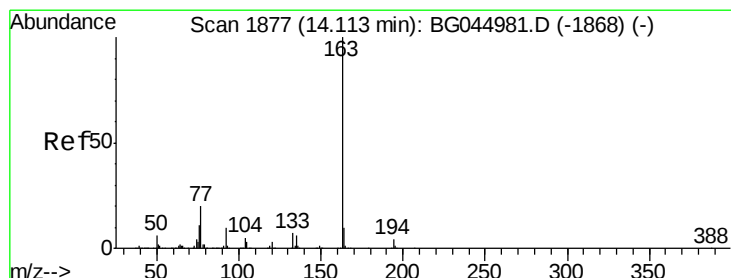
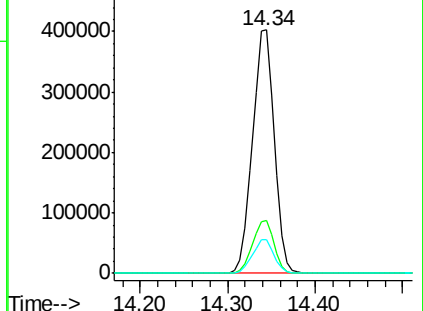
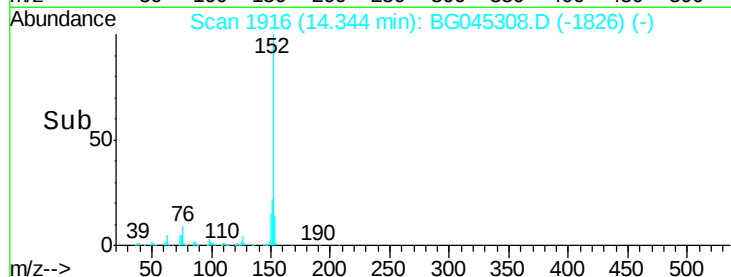
153 13.8 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 32.954 ng

RT: 14.07 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

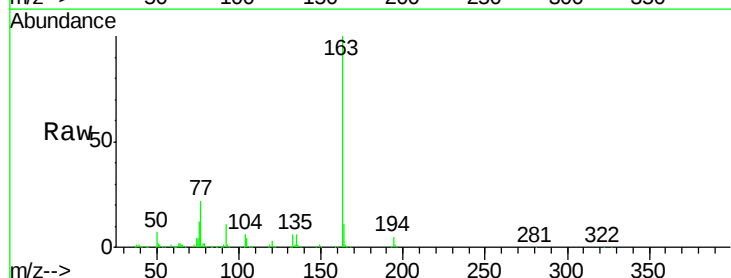
Tgt Ion:163 Resp: 541956

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

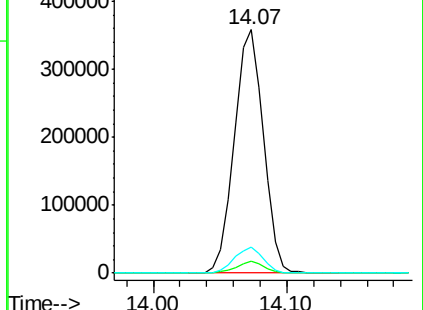
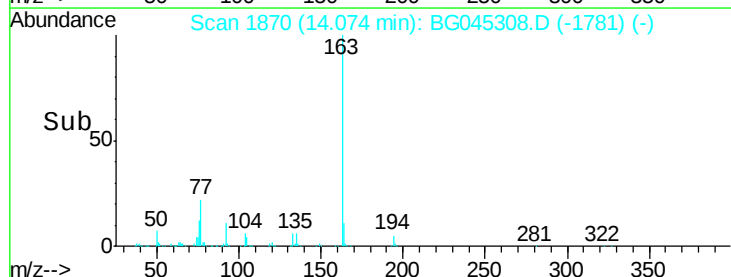
164 10.9 8.2 12.4

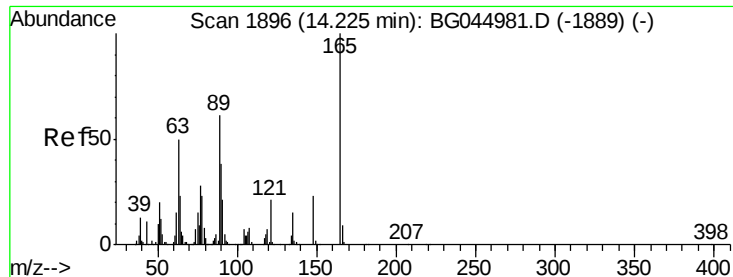


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.538 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

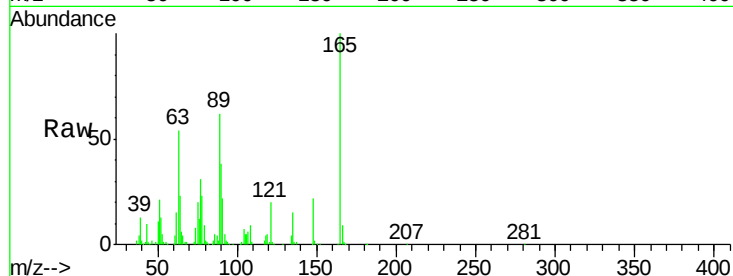
Tot Ion:165 Resp: 127048

Ion Ratio Lower Upper

165 100

63 54.4 40.4 60.6

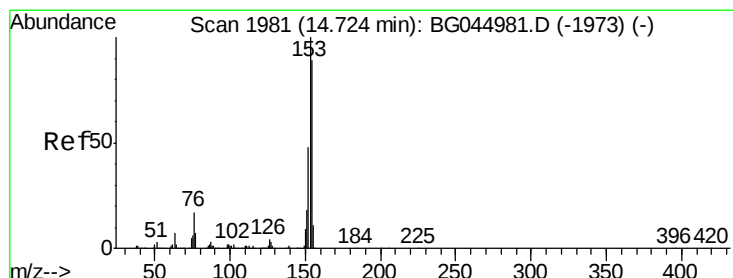
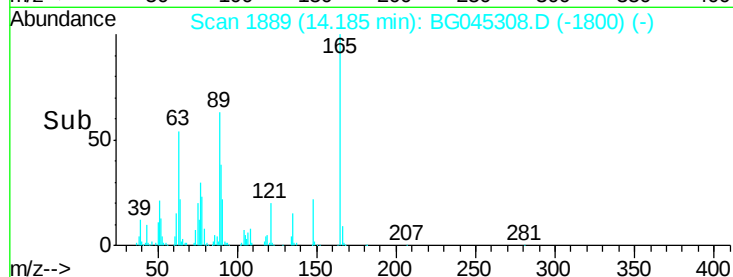
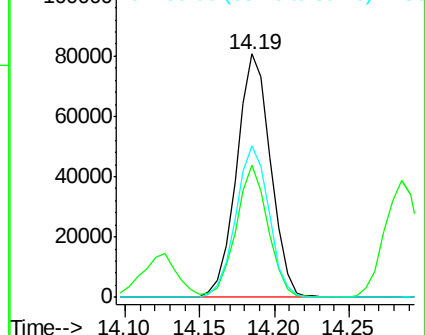
89 62.4 49.1 73.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 30.599 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

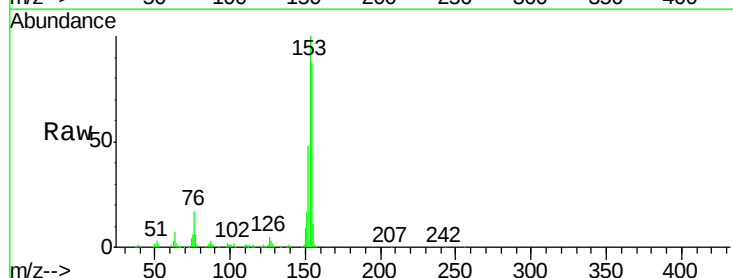
Tgt Ion:154 Resp: 395578

Ion Ratio Lower Upper

154 100

153 114.3 89.7 134.5

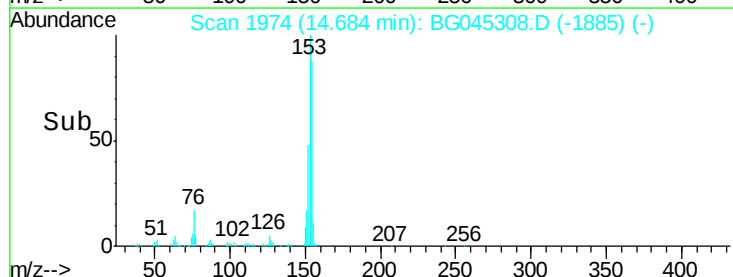
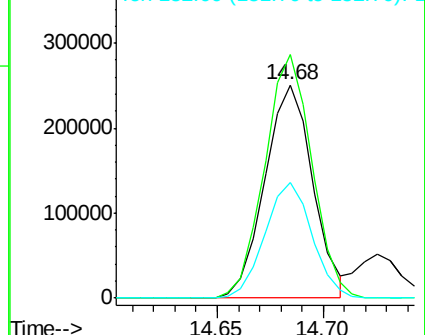
152 54.3 43.1 64.7

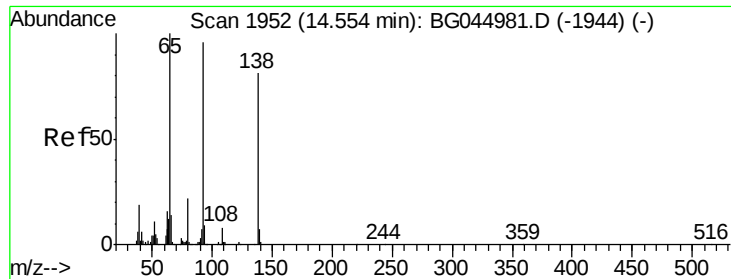


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

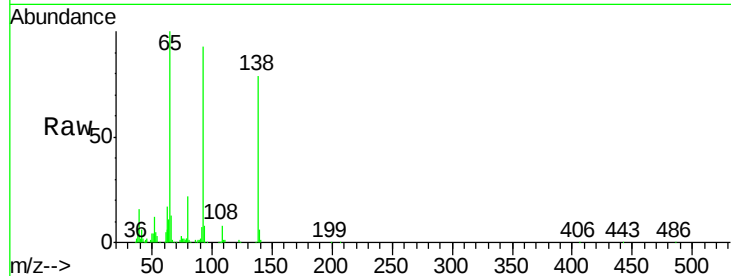




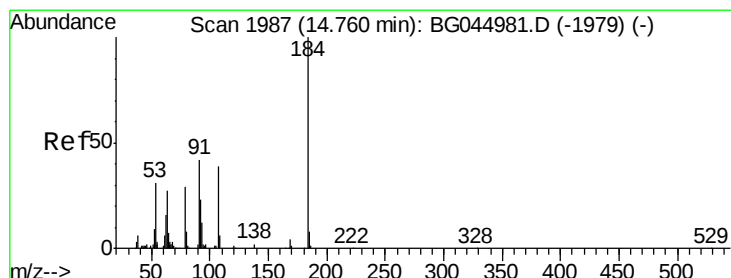
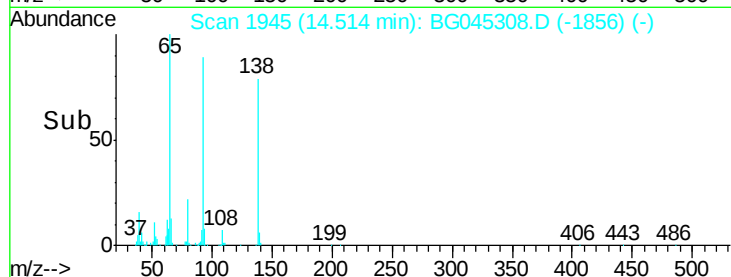
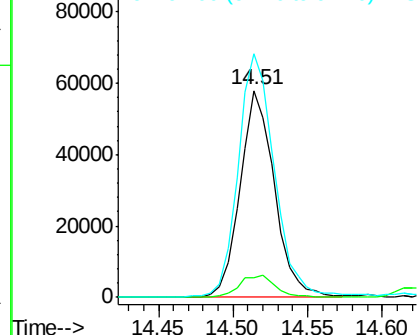
#53
3-Nitroaniline
Concen: 22.976 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tot Ion:138 Resp: 92696
Ion Ratio Lower Upper
138 100
108 9.6 7.8 11.8
92 117.7 94.5 141.7

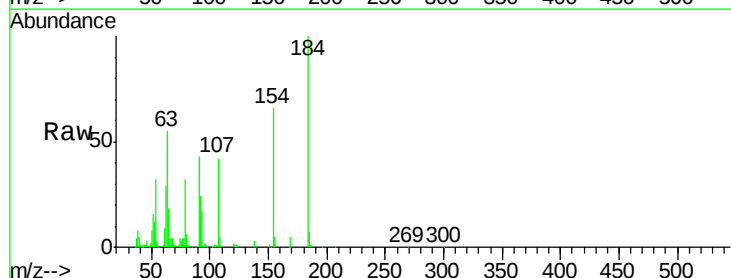


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): B

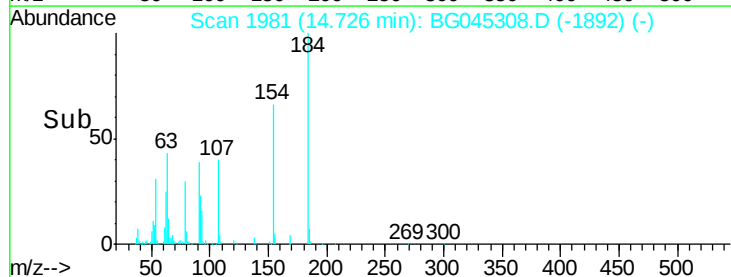
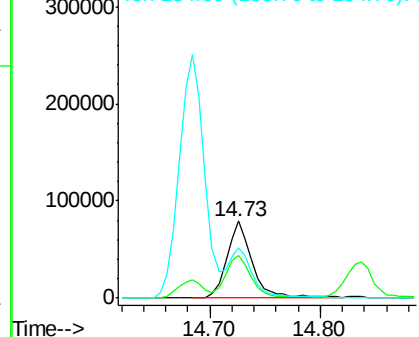


#54
2,4-Dinitrophenol
Concen: 58.031 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:184 Resp: 126934
Ion Ratio Lower Upper
184 100
63 55.0 41.5 62.3
154 66.0 52.3 78.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): B
Ion 154.00 (153.70 to 154.70): E

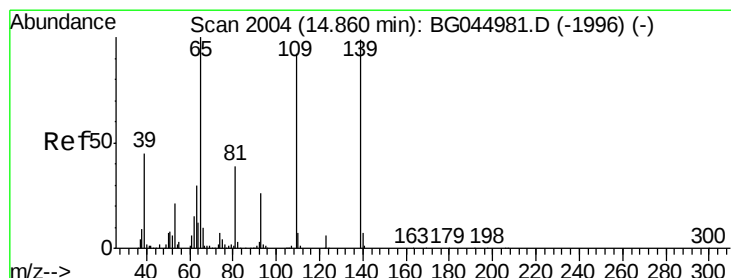
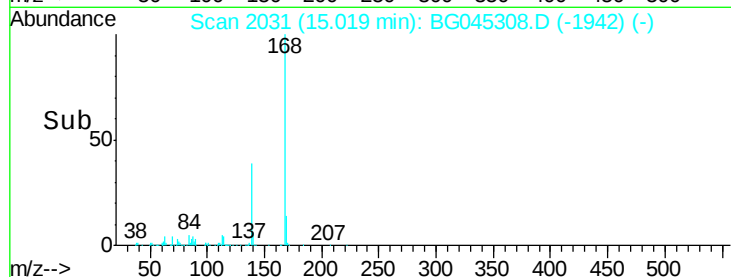
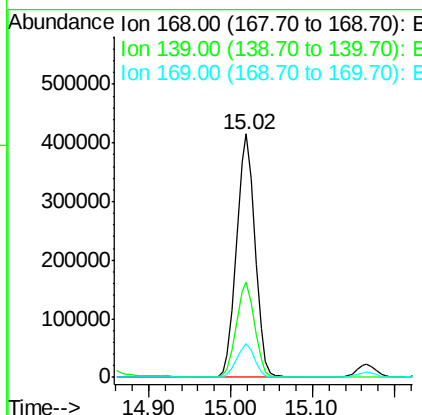
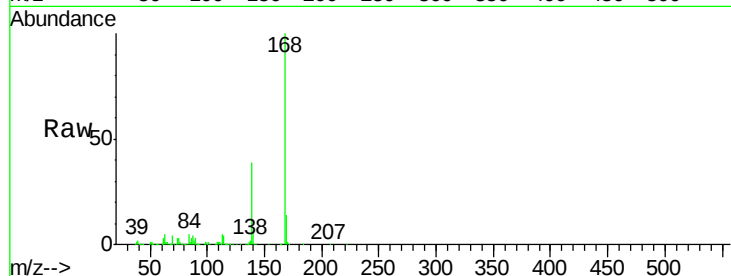




#55
Dibenzenofuran
Concen: 34.668 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

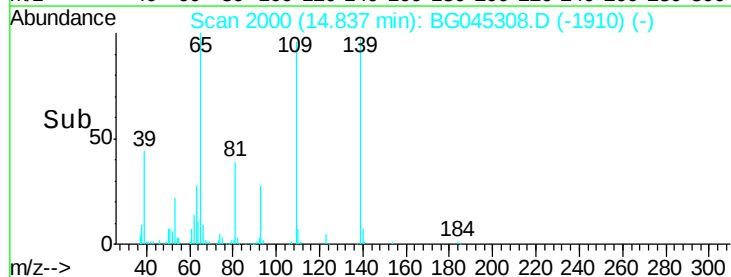
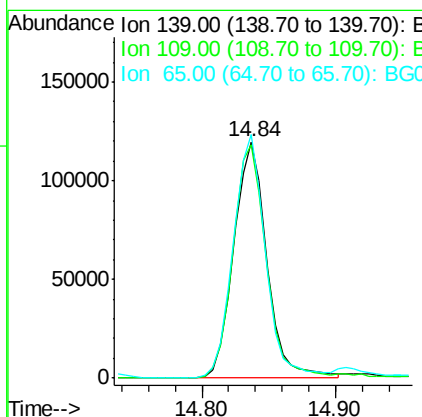
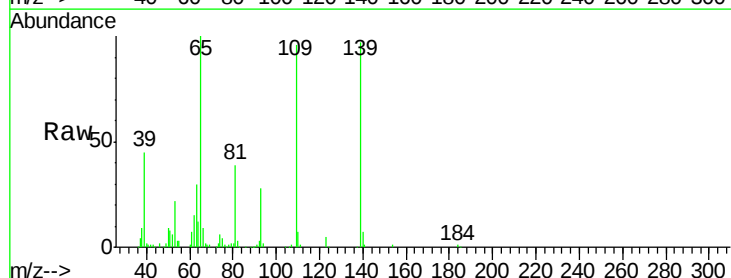
Instrument :
BNA_G
ClientSampleId :
PB128752BS

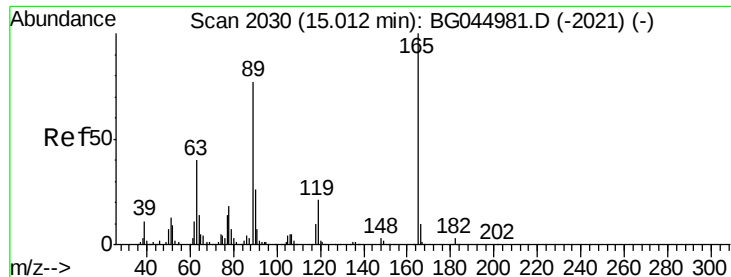
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.4	45.6
169	14.1	11.0	16.4



#56
4-Nitrophenol
Concen: 65.691 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.8	73.6	113.6
65	103.1	81.2	121.2

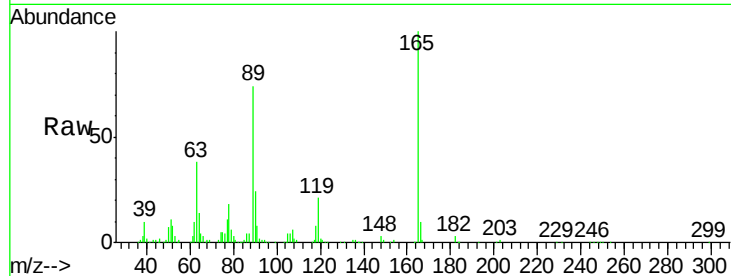




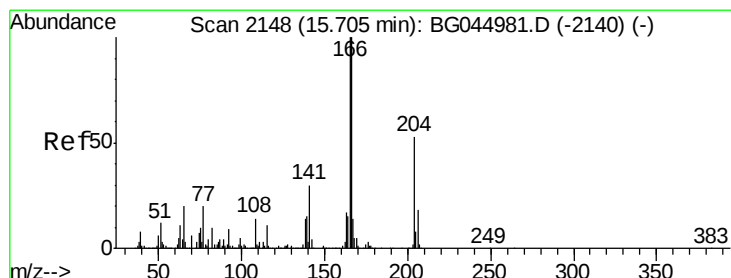
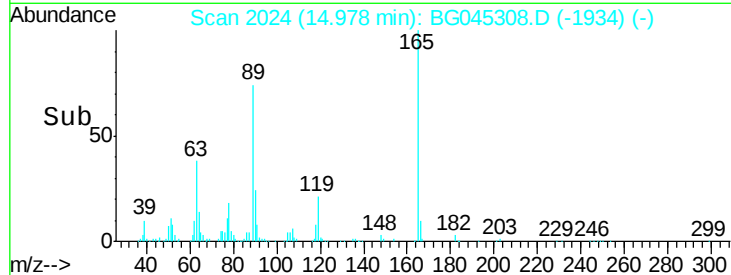
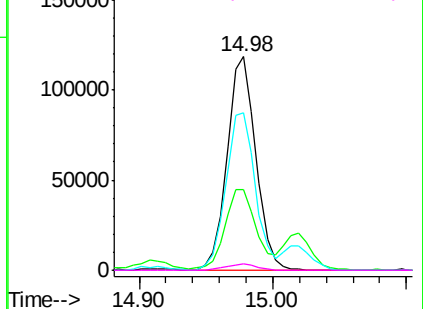
#57
 2,4-Dinitrotoluene
 Concen: 33.160 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tot Ion:165 Resp: 178258
 Ion Ratio Lower Upper
 165 100
 63 37.8 32.2 48.2
 89 73.6 61.7 92.5
 182 2.8 2.0 3.0

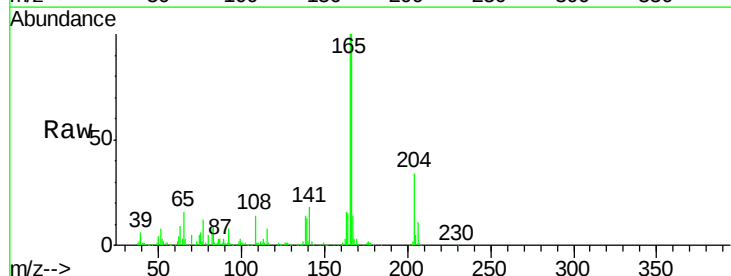


Abundance Ion 165.00 (164.70 to 165.70): E

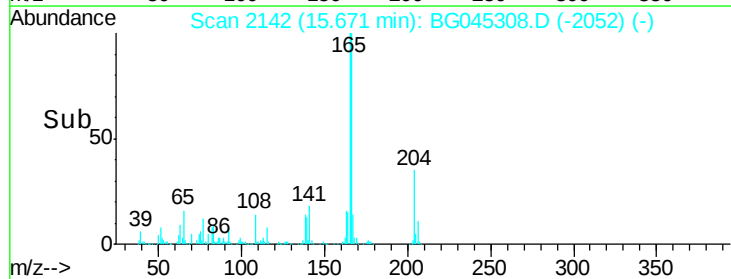
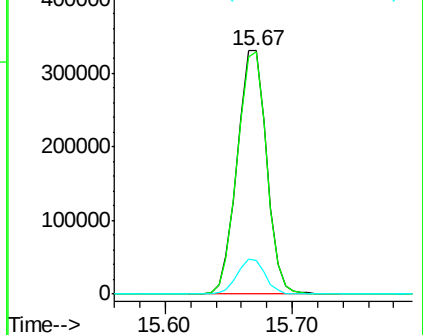


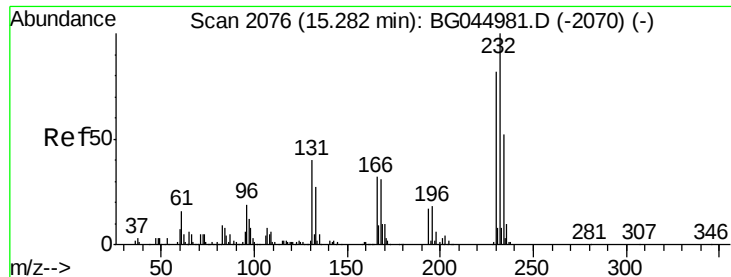
#58
 Fluorene
 Concen: 34.471 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion:166 Resp: 530690
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.9 119.9
 167 14.0 11.4 17.0



Abundance Ion 166.00 (165.70 to 166.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.205 ng

RT: 15.25 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

Tot Ion:232 Resp: 168297

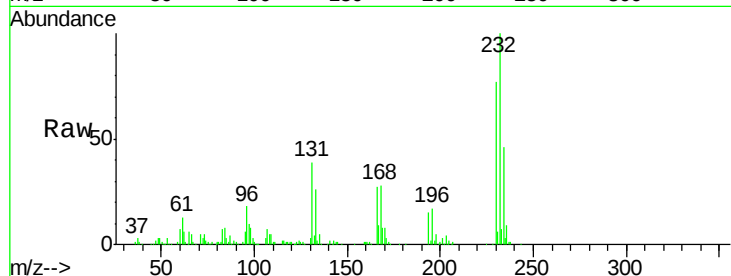
Ion Ratio Lower Upper

232 100

131 39.3 32.2 48.2

130 2.6 2.2 3.2

166 28.0 24.2 36.4

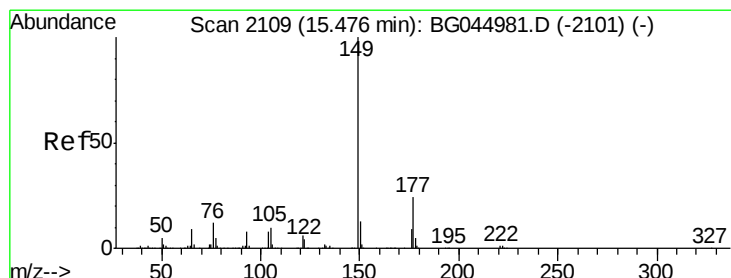
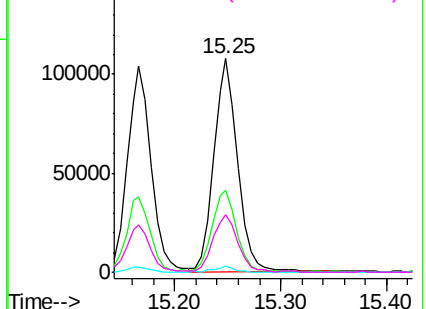
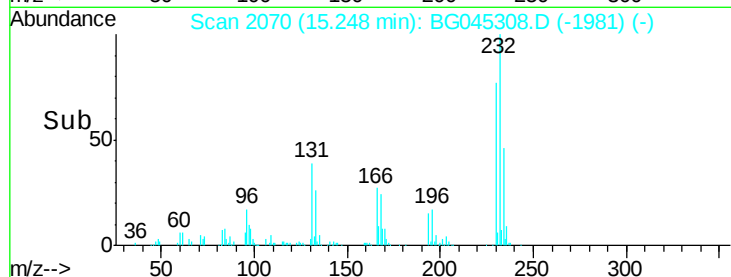


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 33.138 ng

RT: 15.44 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

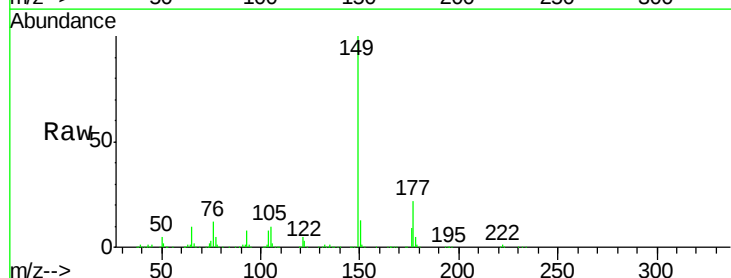
Tgt Ion:149 Resp: 568202

Ion Ratio Lower Upper

149 100

177 22.4 18.9 28.3

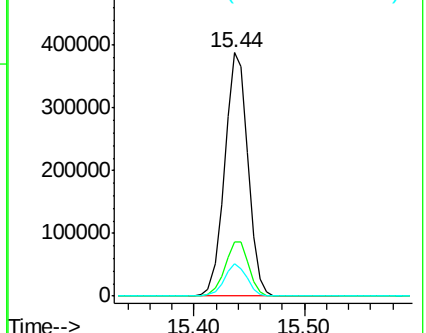
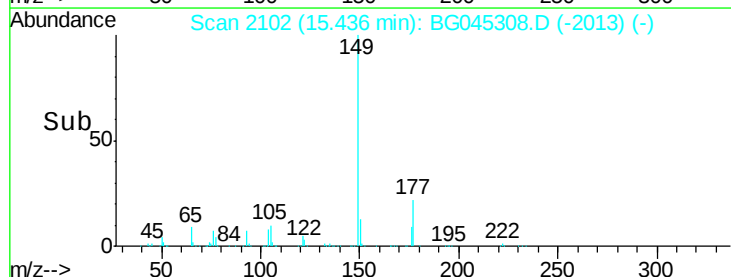
150 13.2 10.6 15.8



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

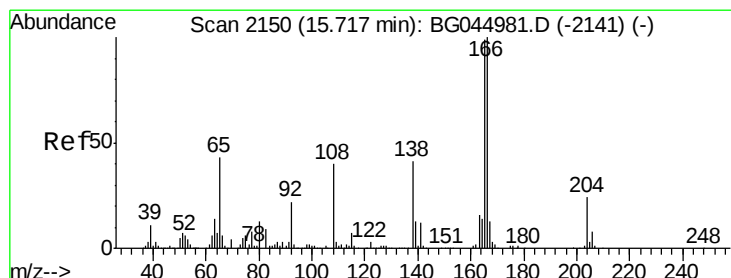
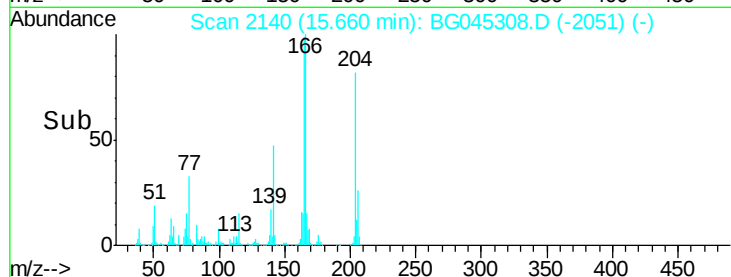
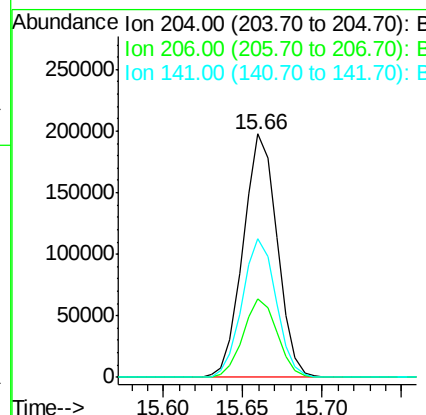
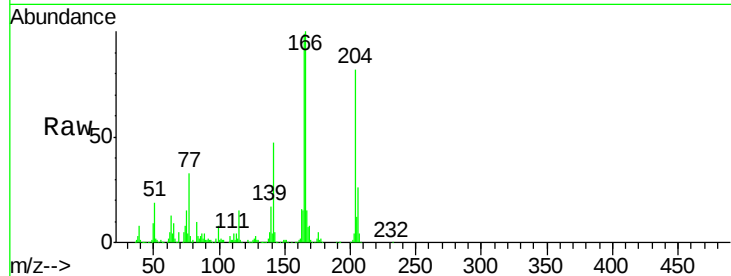




#61
 4-Chlorophenyl-phenylether
 Concen: 33.187 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

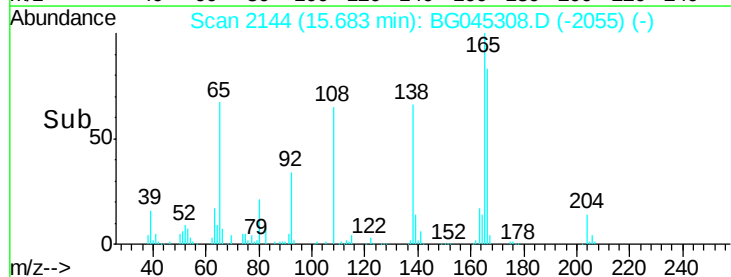
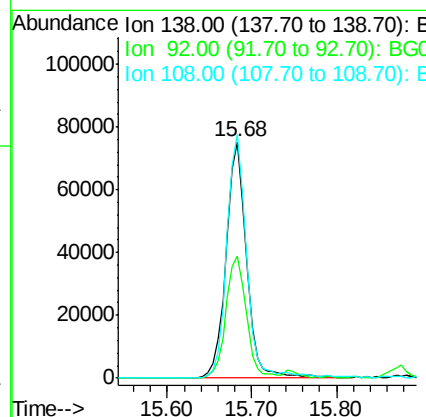
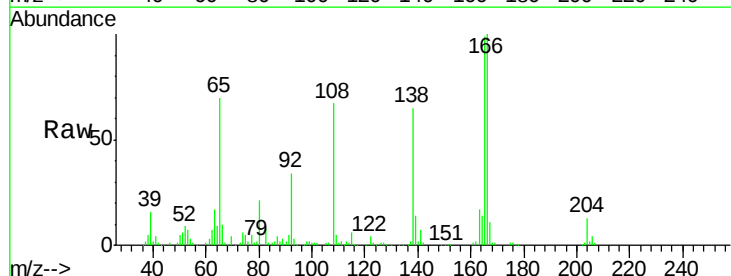
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

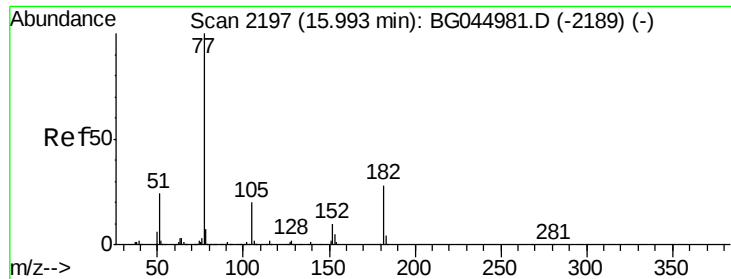
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.9	40.3
141	56.8	46.3	69.5



#62
 4-Nitroaniline
 Concen: 30.345 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	33.6	73.6
108	103.0	78.2	118.2

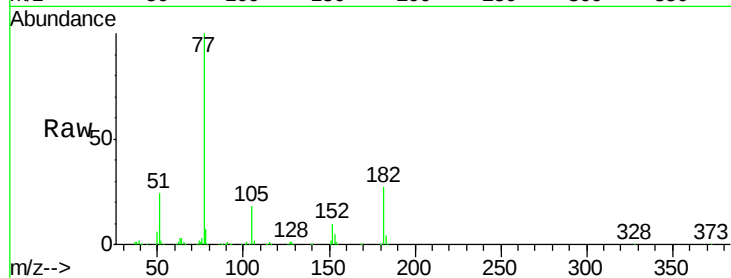




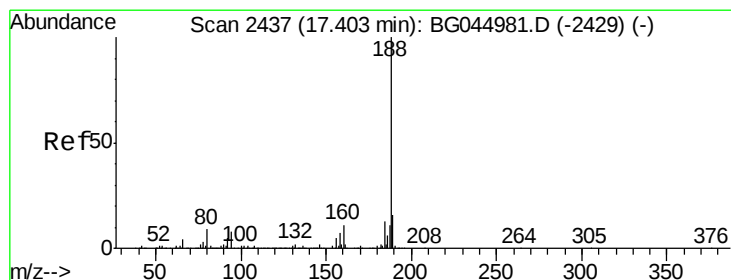
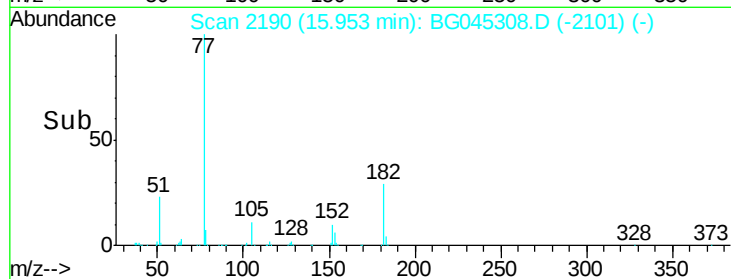
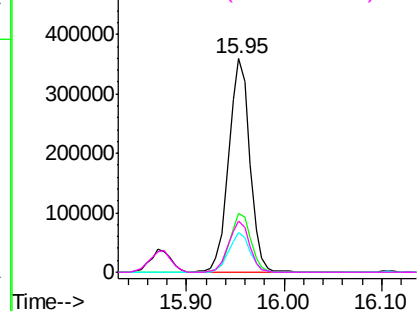
#63
Azobenzene
Concen: 33.895 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Instrument :
BNA_G
ClientSampled :
PB128752BS

Tot Ion:	77	Resp:	535834
Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.4	48.4
105	18.3	0.5	40.5
51	23.9	4.4	44.4

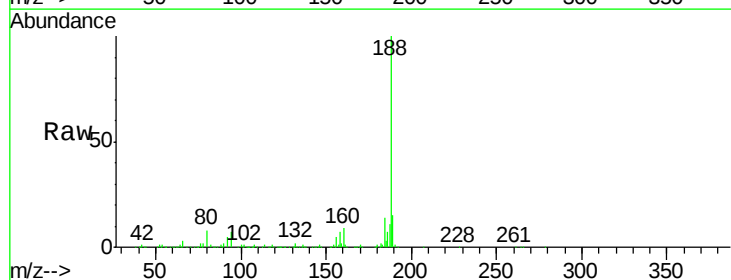


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

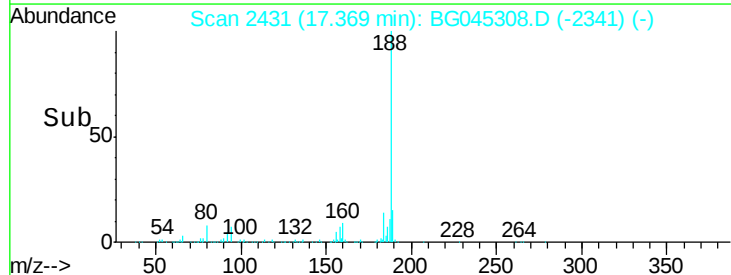
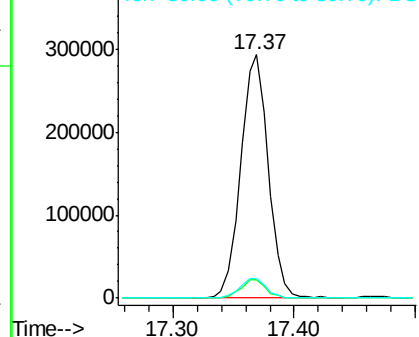


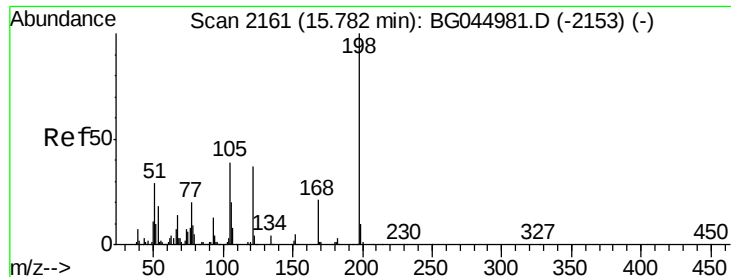
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:	188	Resp:	466194
Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.2	9.4
80	7.8	7.0	10.6



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

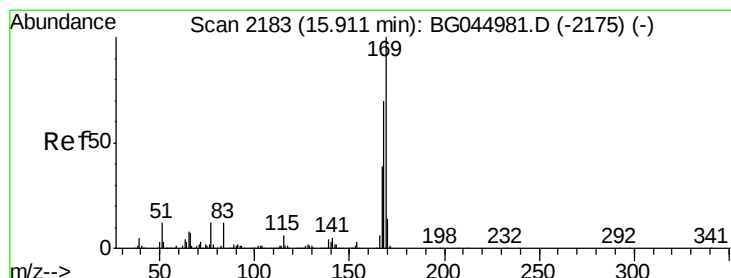
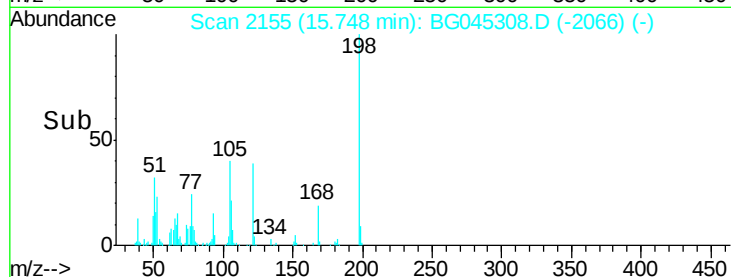
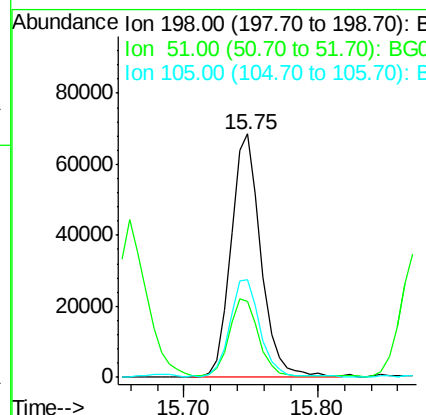
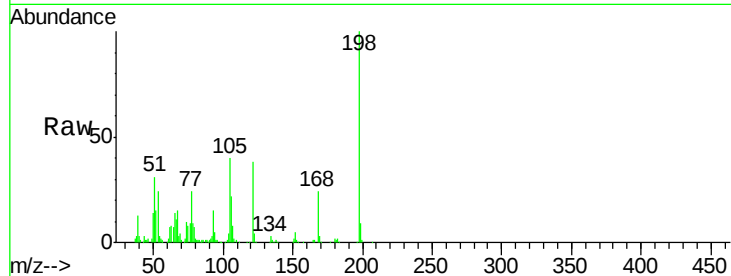




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.155 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

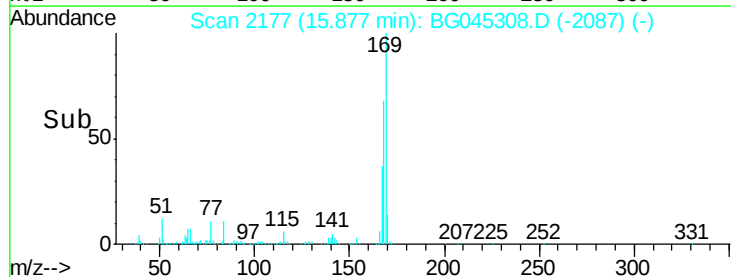
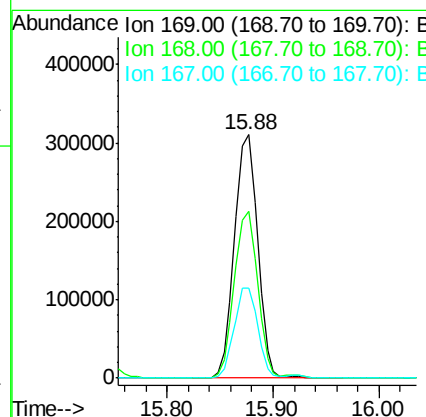
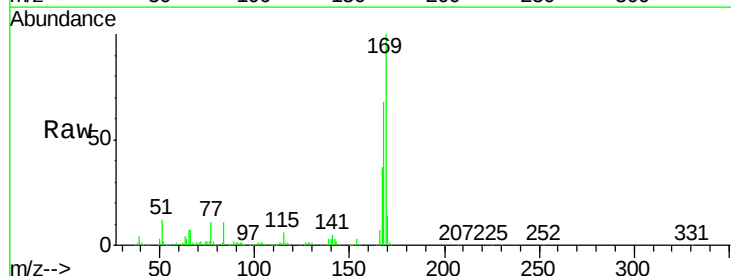
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

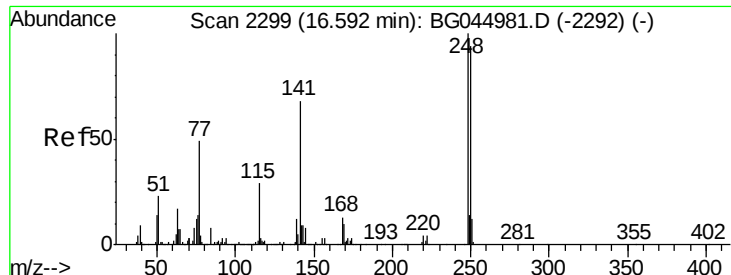
Tot Ion:198 Resp: 107727
 Ion Ratio Lower Upper
 198 100
 51 31.2 10.0 50.0
 105 39.9 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 35.241 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion:169 Resp: 472036
 Ion Ratio Lower Upper
 169 100
 168 68.4 55.8 83.8
 167 36.9 30.8 46.2

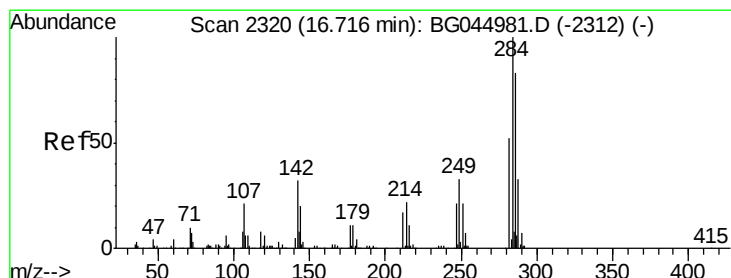
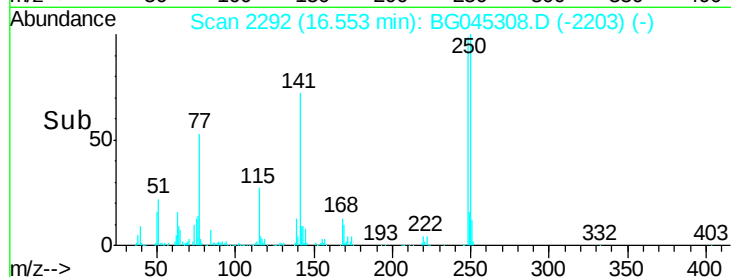
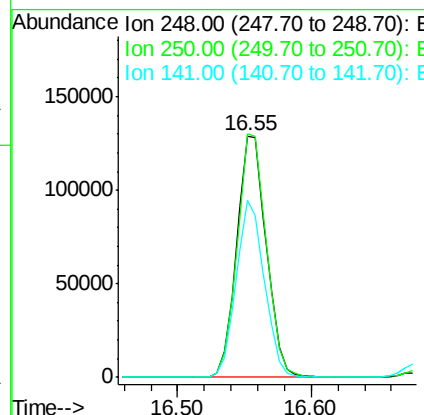
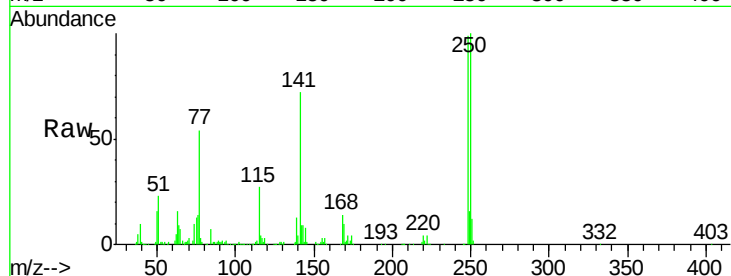




#67
 4-Bromophenyl-phenylether
 Concen: 33.085 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

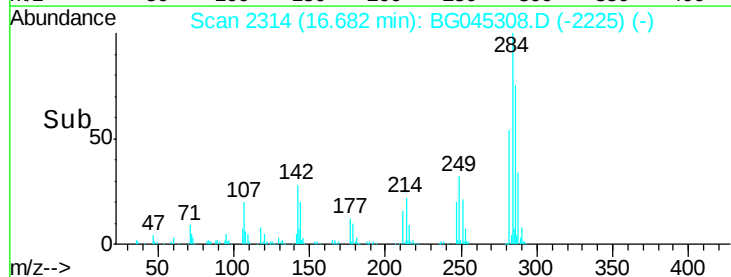
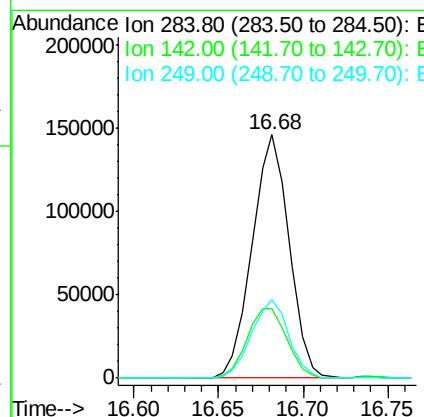
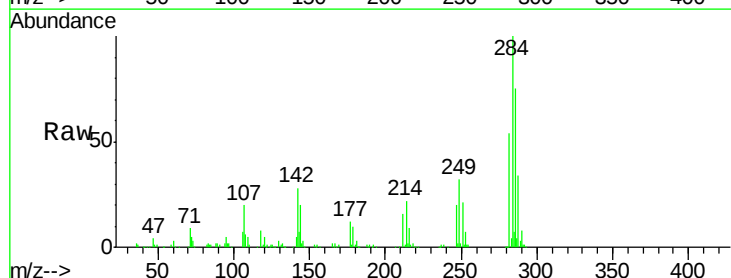
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	75.4	113.2
141	73.1	54.4	81.6



#68
 Hexachlorobenzene
 Concen: 35.617 ng
 RT: 16.68 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	25.8	38.6
249	32.1	26.6	39.8





#69

Atrazine

Concen: 35.968 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

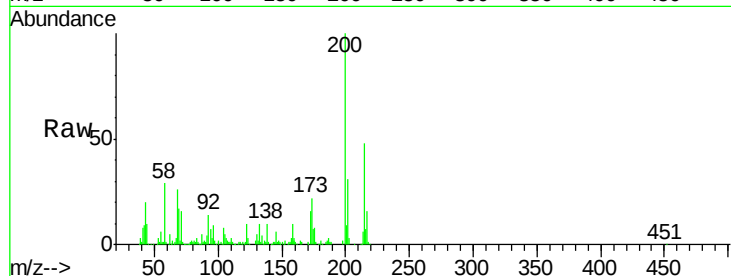
Tot Ion:200 Resp: 180408

Ion Ratio Lower Upper

200 100

173 22.4 4.5 44.5

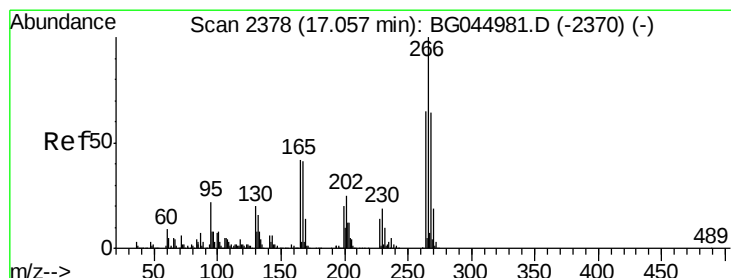
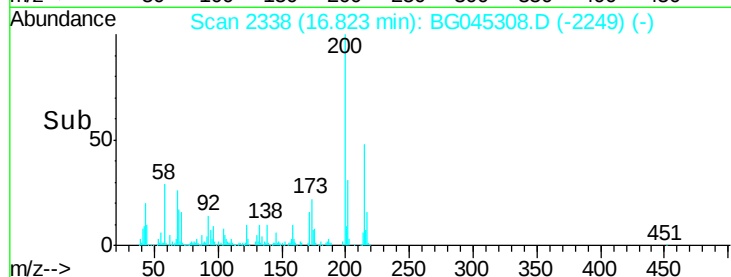
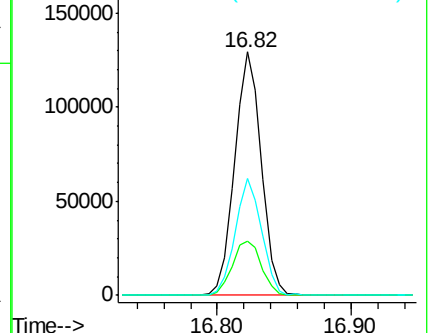
215 48.2 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 64.116 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

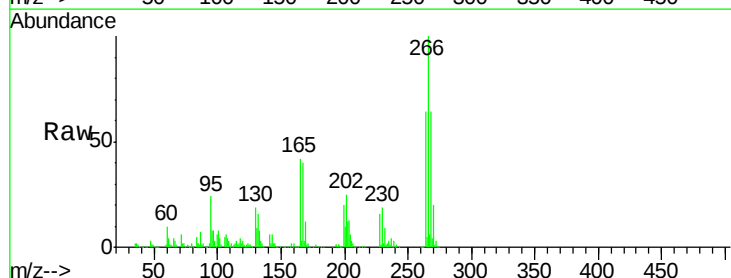
Tgt Ion:266 Resp: 245338

Ion Ratio Lower Upper

266 100

268 64.3 51.5 77.3

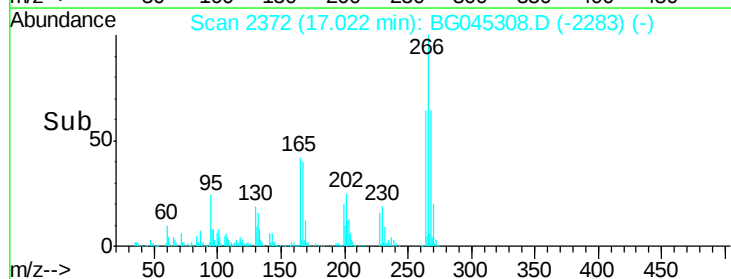
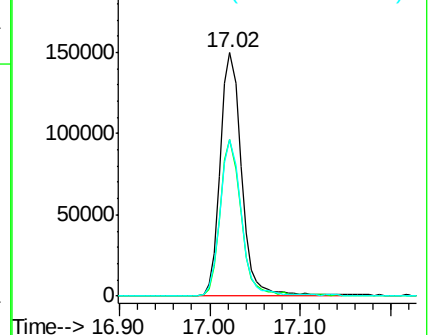
264 64.1 52.2 78.4

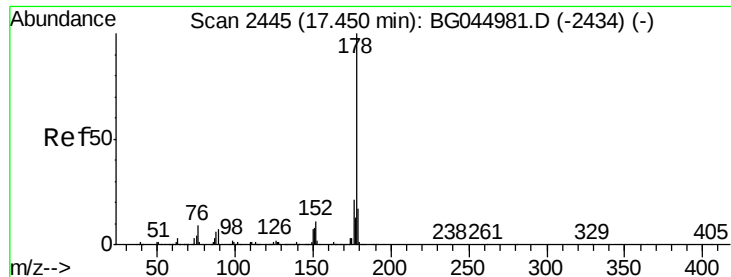


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 35.612 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

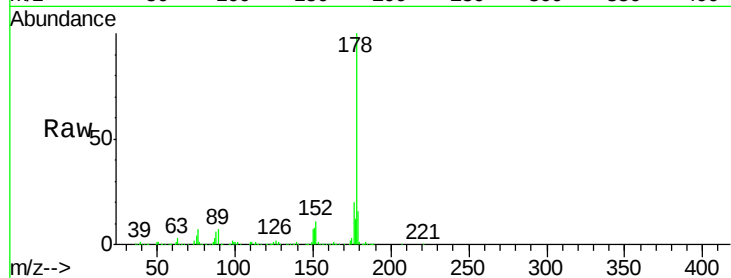
Tot Ion:178 Resp: 853142

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

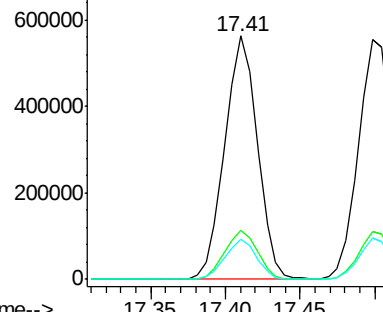
179 16.3 13.2 19.8



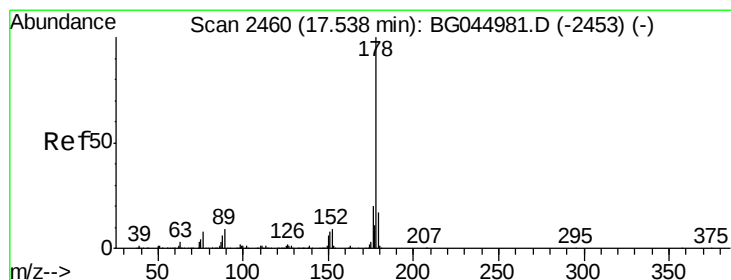
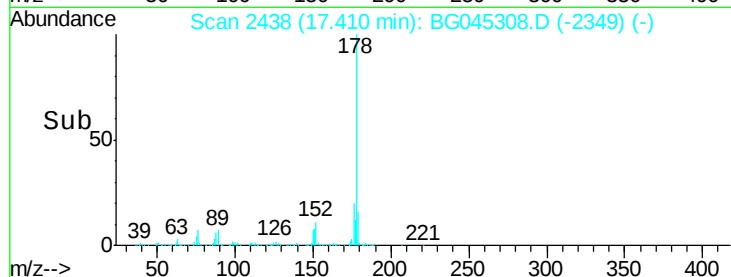
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 36.620 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

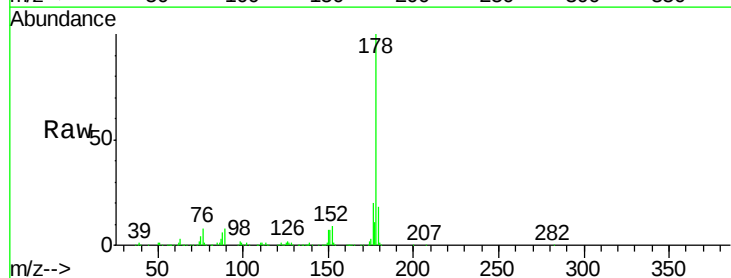
Tgt Ion:178 Resp: 880011

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

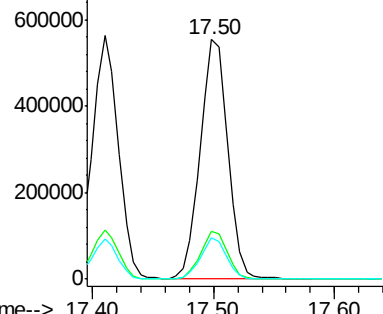
179 17.5 13.6 20.4



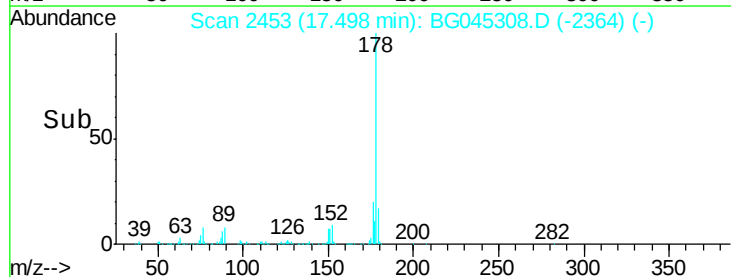
Abundance Ion 178.00 (177.70 to 178.70): E

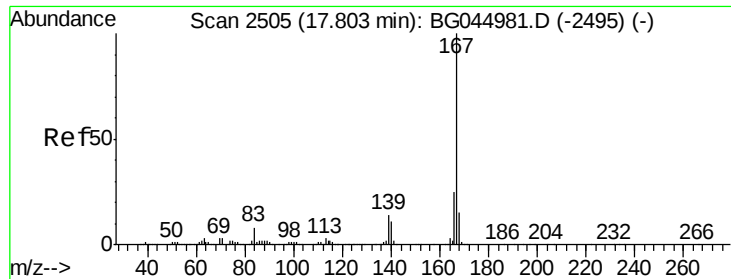
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

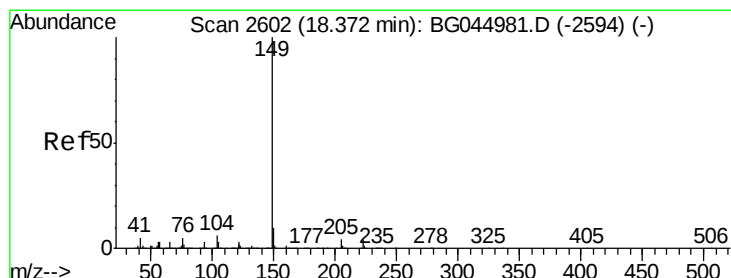
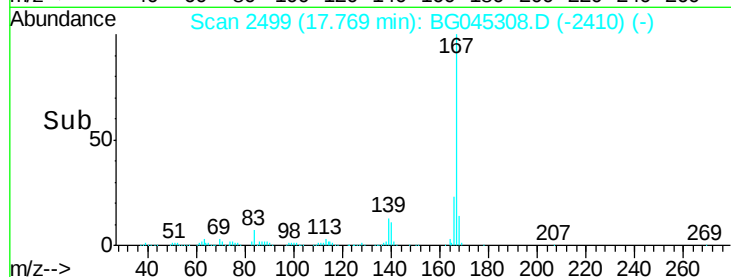
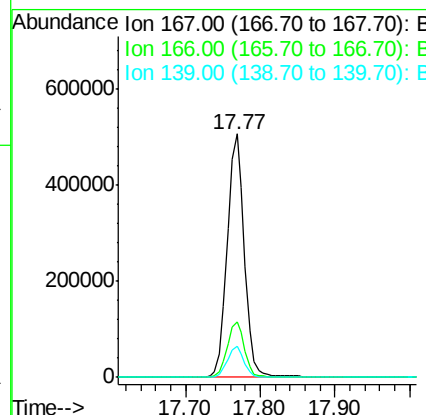
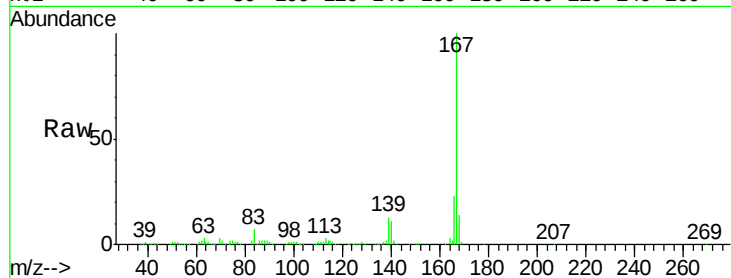




#73
 Carbazole
 Concen: 33.283 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

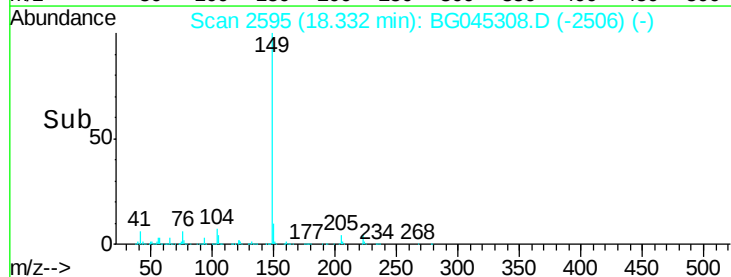
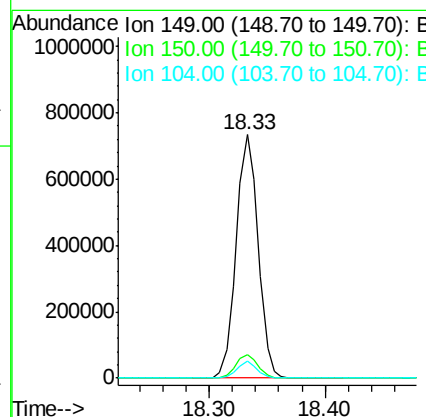
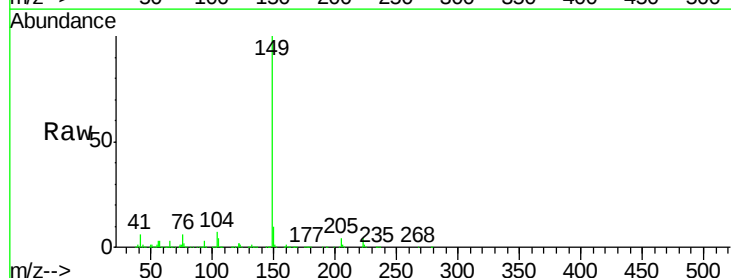
Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

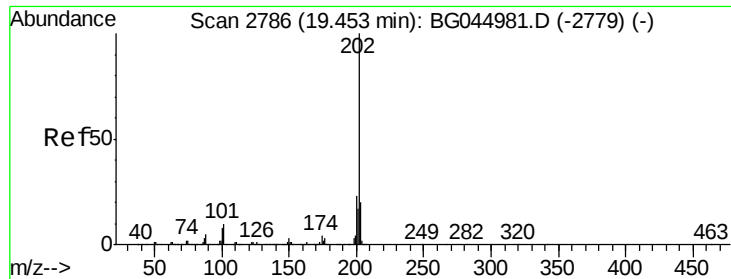
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.8	29.6
139	12.7	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 34.939 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	6.8	4.8	7.2





#75

Fluoranthene

Concen: 36.863 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

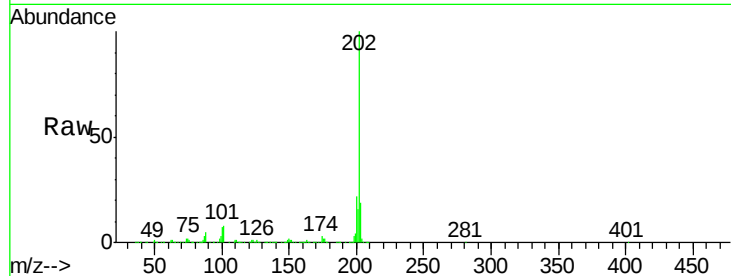
Tot Ion:202 Resp: 1069415

Ion Ratio Lower Upper

202 100

101 8.1 0.0 29.6

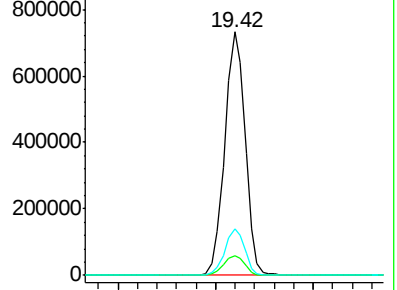
203 19.2 0.0 39.7



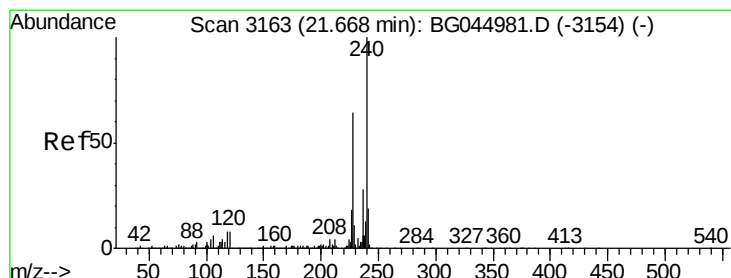
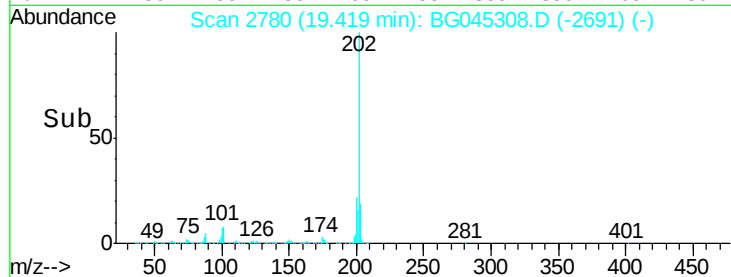
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.30 19.40 19.50



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

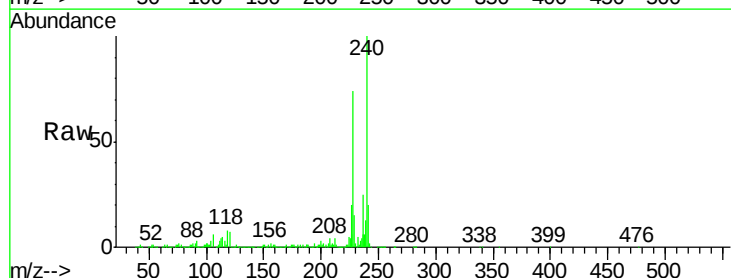
Tgt Ion:240 Resp: 437167

Ion Ratio Lower Upper

240 100

120 7.2 6.6 10.0

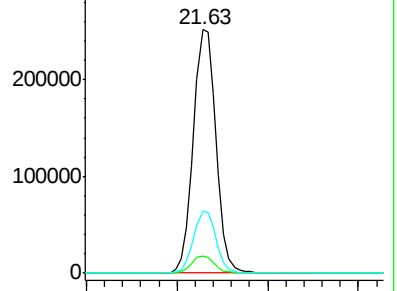
236 25.4 22.2 33.2



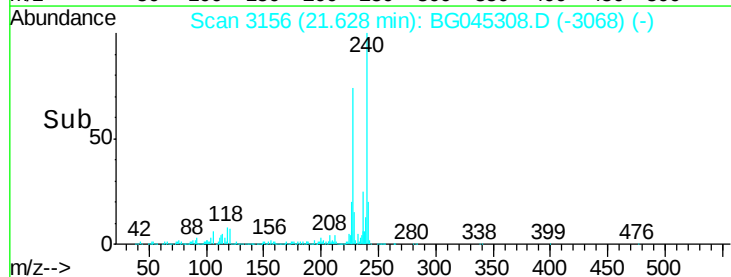
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.50 21.60 21.70





#77

Benzidine

Concen: 53.384 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

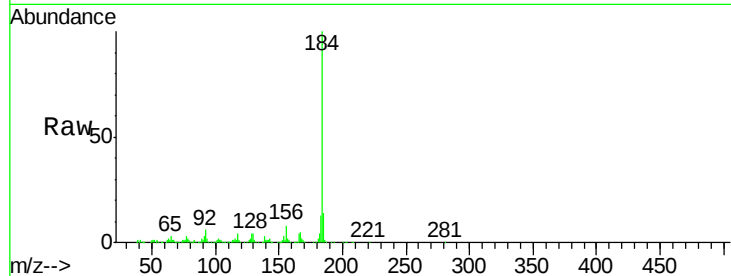
Tot Ion:184 Resp: 661908

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

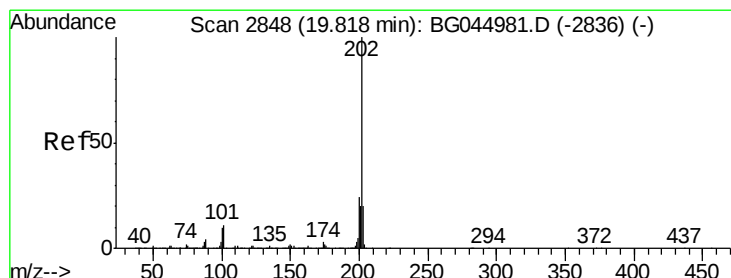
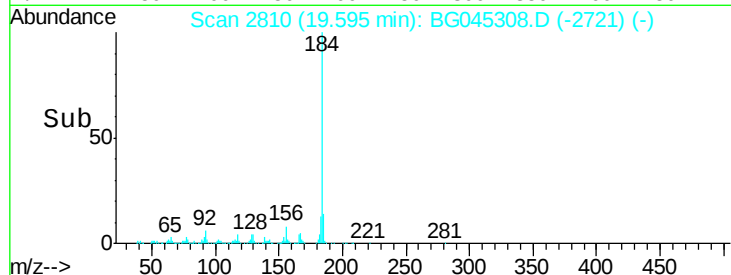
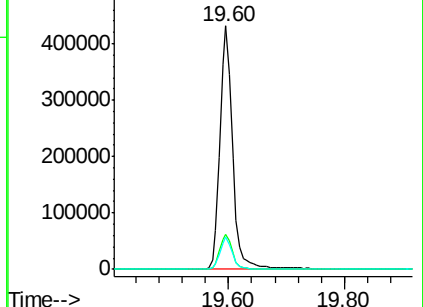
183 13.4 11.3 16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.209 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

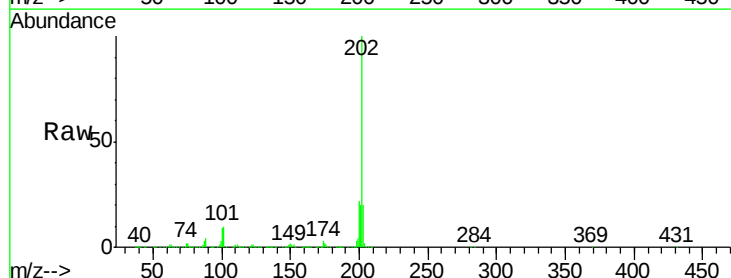
Tgt Ion:202 Resp: 1061139

Ion Ratio Lower Upper

202 100

200 22.3 19.0 28.6

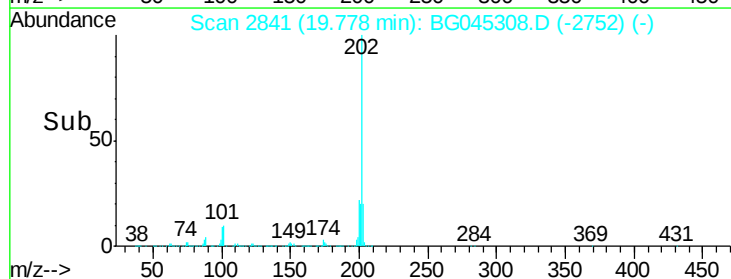
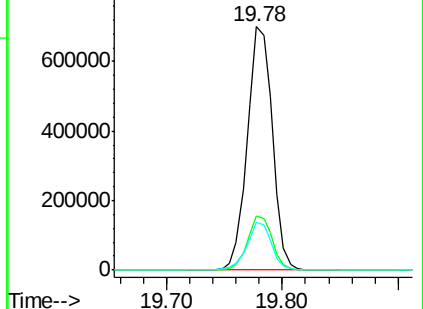
203 19.5 16.1 24.1

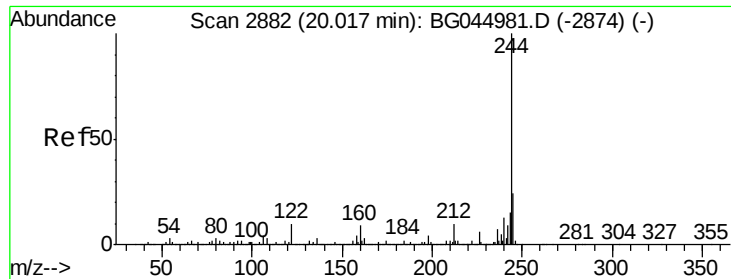


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



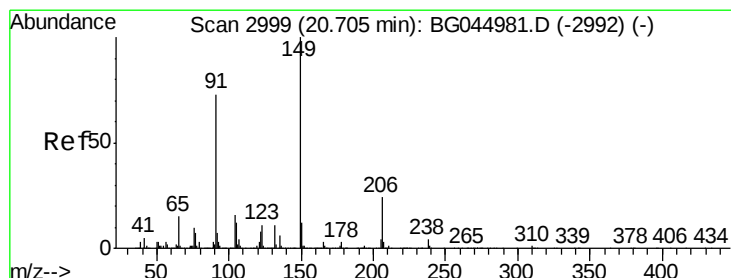
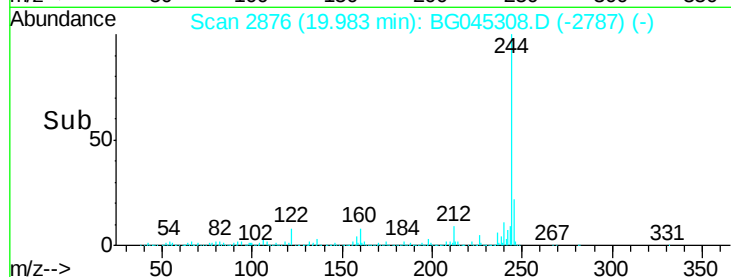
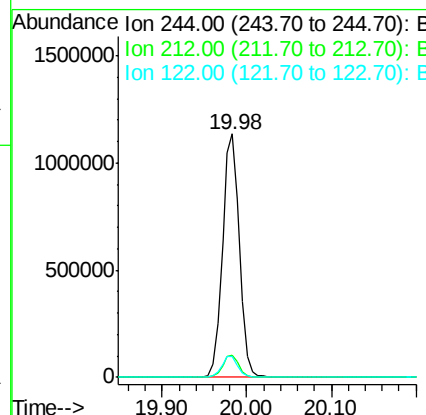
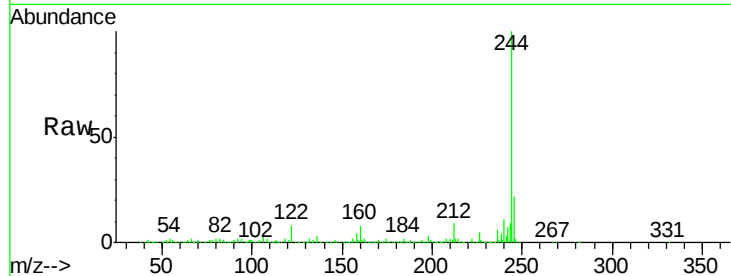


#79
 Terphenyl-d14
 Concen: 79.417 ng
 RT: 19.98 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Instrument :
 BNA_G
 ClientSampleId :
 PB128752BS

Tot Ion:244 Resp: 1592917

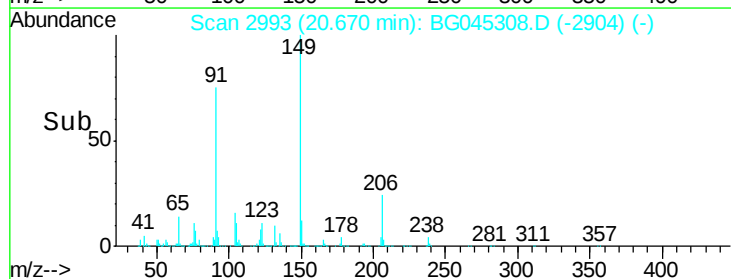
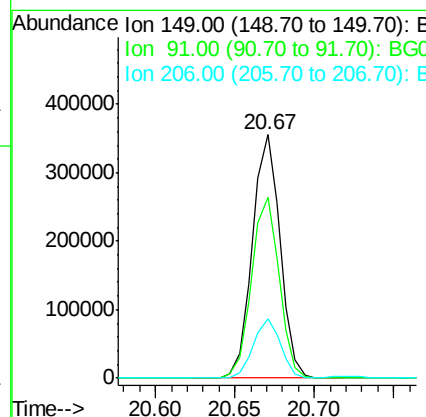
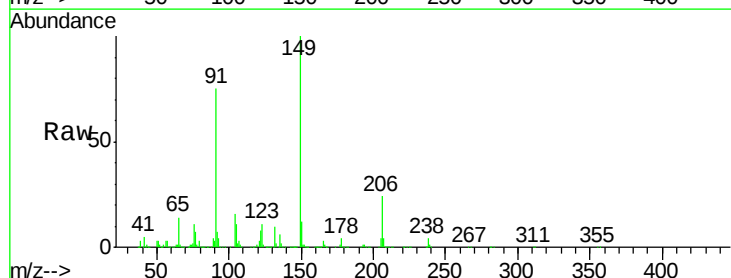
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.9	11.9
122	8.5	7.7	11.5

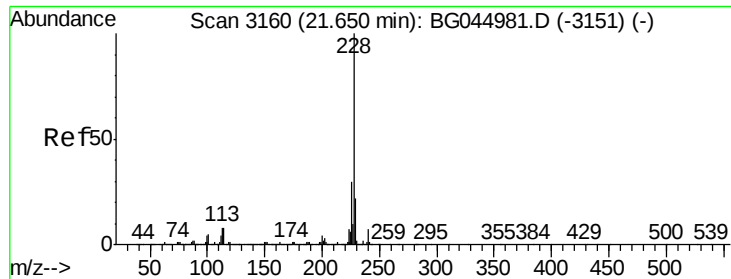


#80
 Butylbenzylphthalate
 Concen: 34.447 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.01 min
 Lab File: BG045308.D
 Acq: 11 May 2020 22:44

Tgt Ion:149 Resp: 430342

Ion	Ratio	Lower	Upper
149	100		
91	74.5	58.5	87.7
206	24.2	19.2	28.8

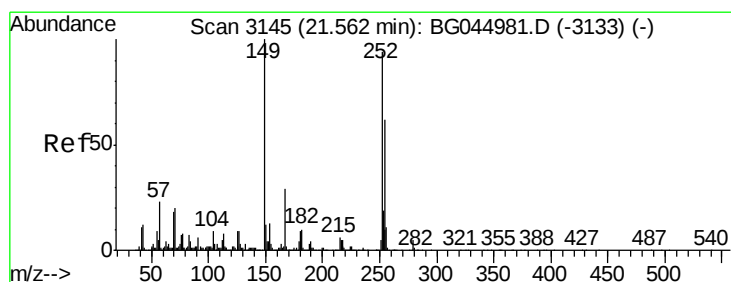
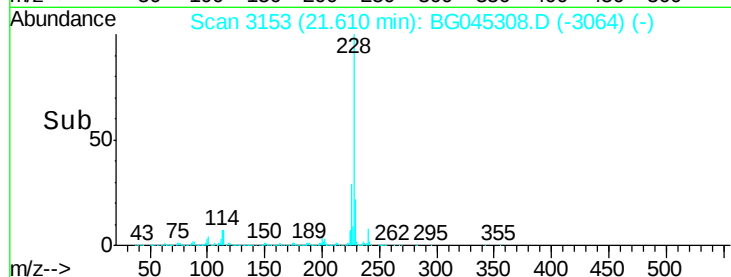
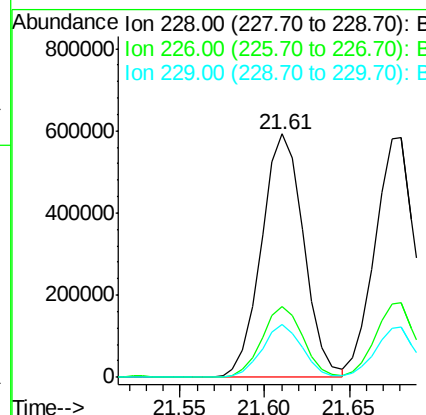
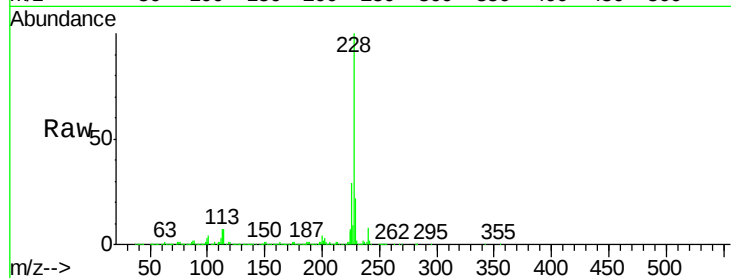




#81
Benzo(a)anthracene
Concen: 36.388 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

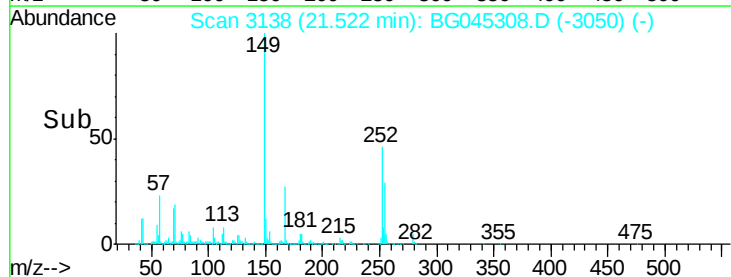
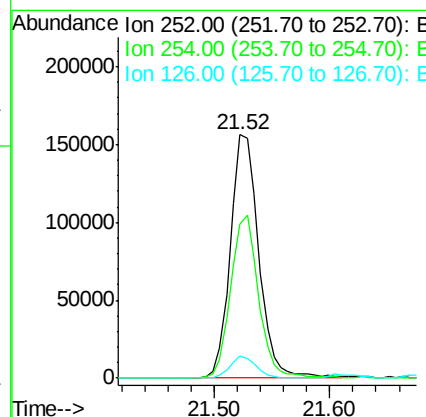
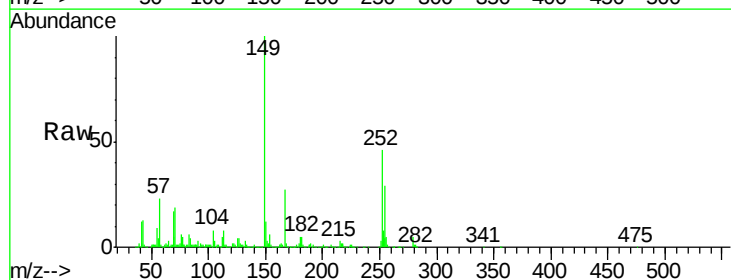
Instrument :
BNA_G
ClientSampleId :
PB128752BS

Tot Ion:228 Resp: 1031035
Ion Ratio Lower Upper
228 100
226 29.1 24.0 36.0
229 21.5 17.5 26.3



#82
3,3'-Dichlorobenzidine
Concen: 23.603 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045308.D
Acq: 11 May 2020 22:44

Tgt Ion:252 Resp: 266188
Ion Ratio Lower Upper
252 100
254 63.2 52.6 79.0
126 9.0 7.5 11.3





#83

Chrysene

Concen: 35.696 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

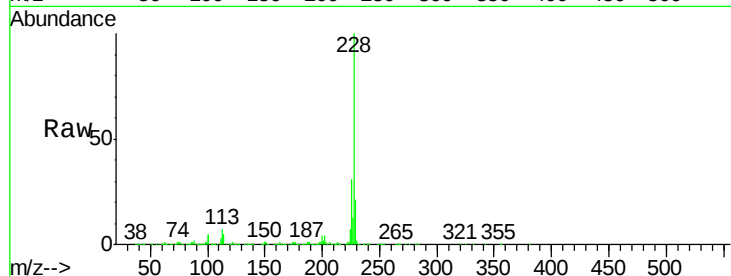
BNA_G

ClientSampleId :

PB128752BS

Tot Ion:228 Resp: 971795

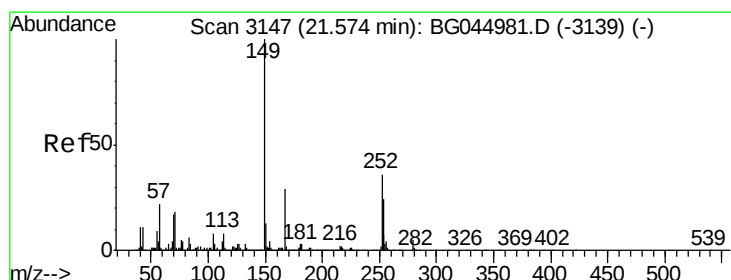
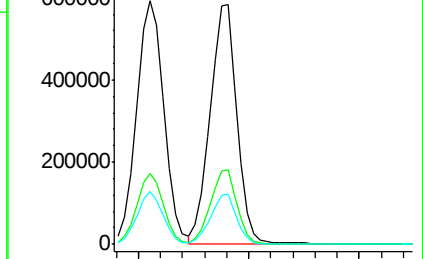
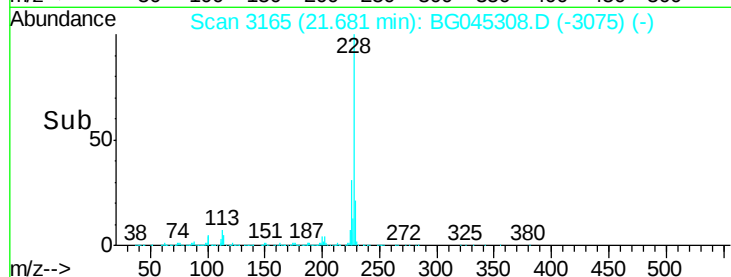
Ion	Ratio	Lower	Upper
228	100		
226	31.0	26.2	39.4
229	21.2	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.475 ng

RT: 21.53 min Scan# 3139

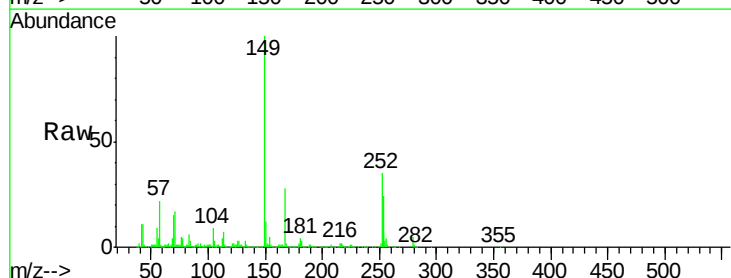
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:149 Resp: 609530

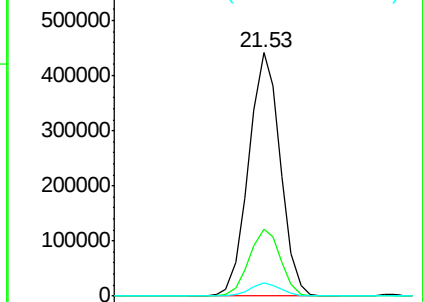
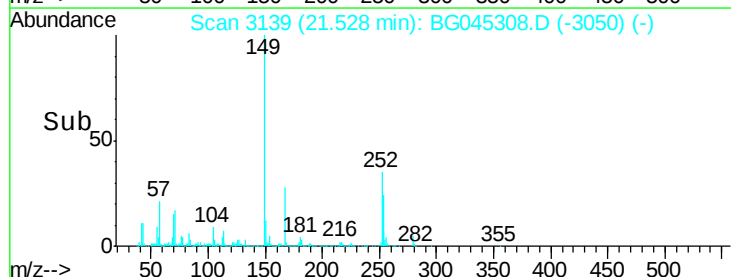
Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	5.5	4.3	6.5

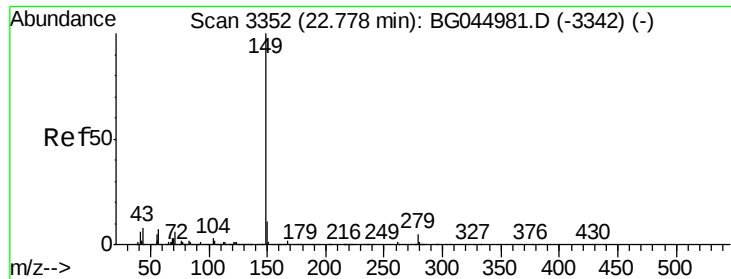


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 35.185 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

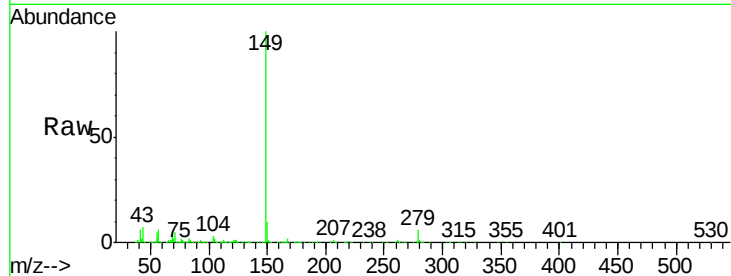
Tot Ion:149 Resp: 1045420

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

43 7.2 5.7 8.5

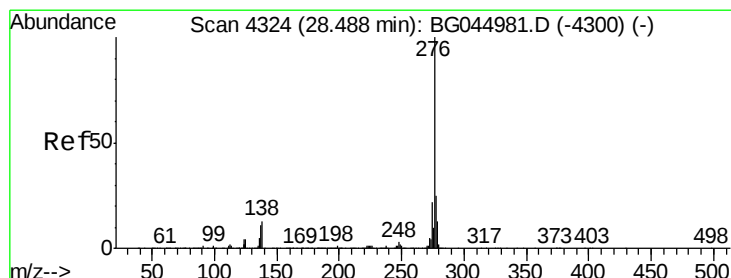
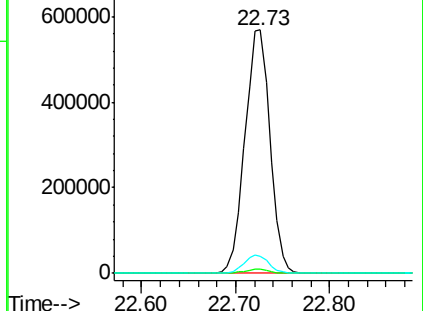
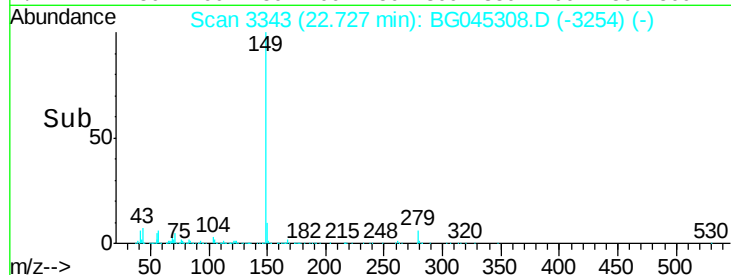


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.839 ng

RT: 28.40 min Scan# 4308

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

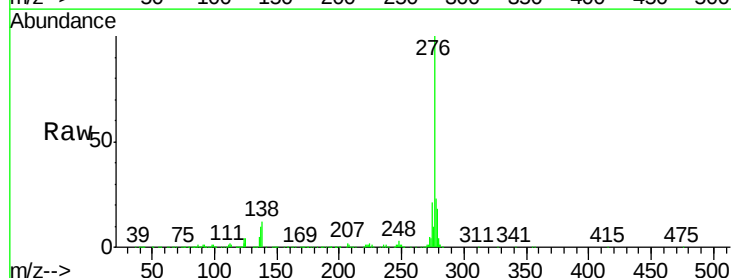
Tgt Ion:276 Resp: 1295422

Ion Ratio Lower Upper

276 100

138 6.8 9.6 14.4#

277 25.5 20.6 31.0

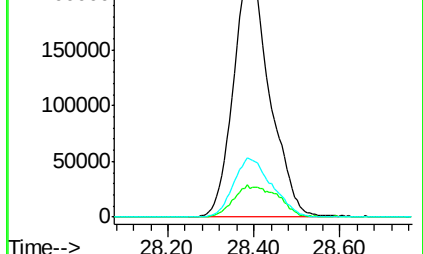
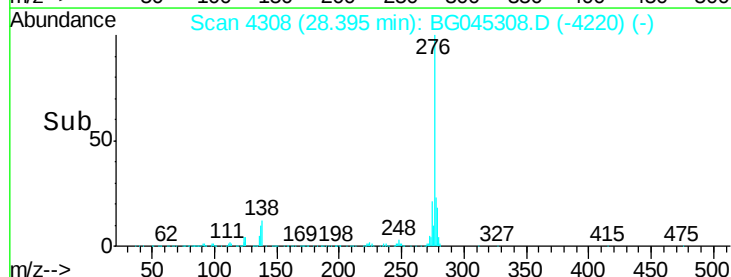


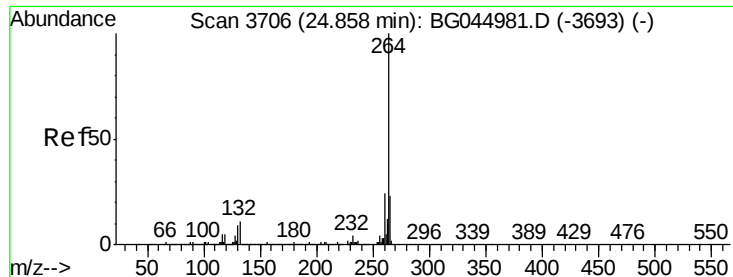
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.79 min Scan# 3694

Delta R.T. -0.02 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

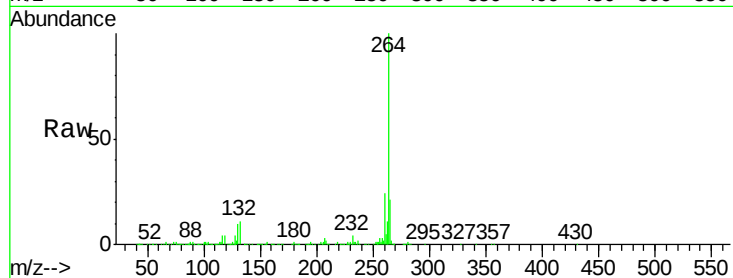
BNA_G

ClientSampleId :

PB128752BS

Tot Ion:264 Resp: 498261

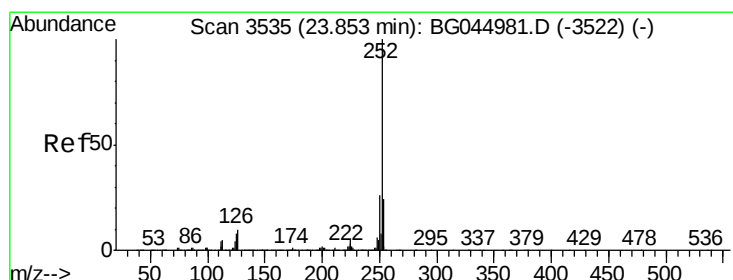
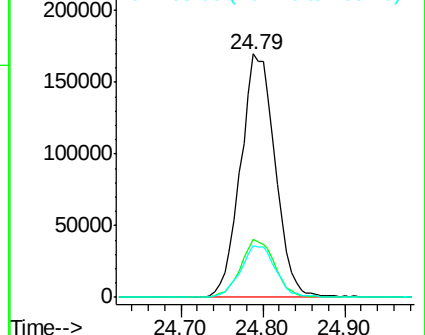
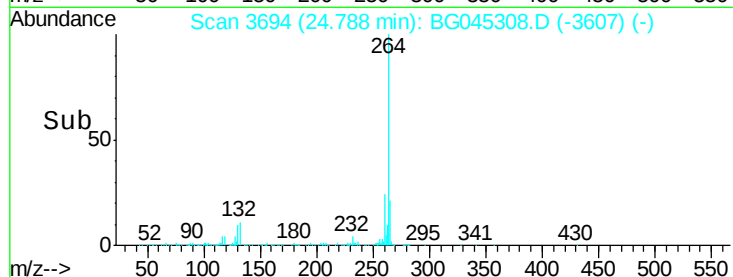
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	19.0	28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.217 ng

RT: 23.80 min Scan# 3525

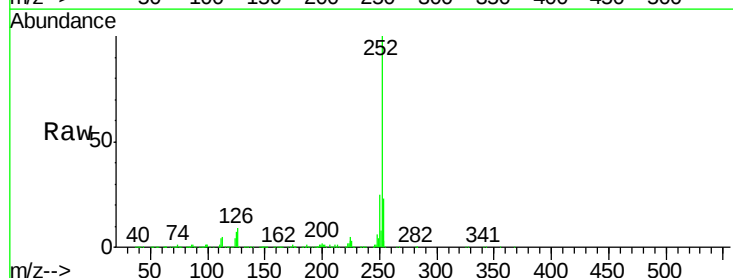
Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:252 Resp: 1067945

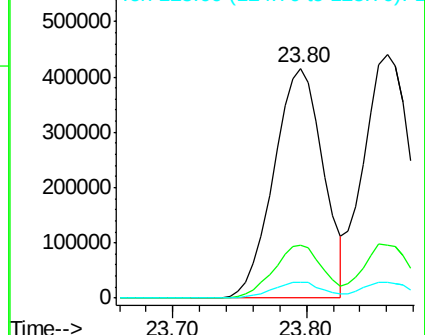
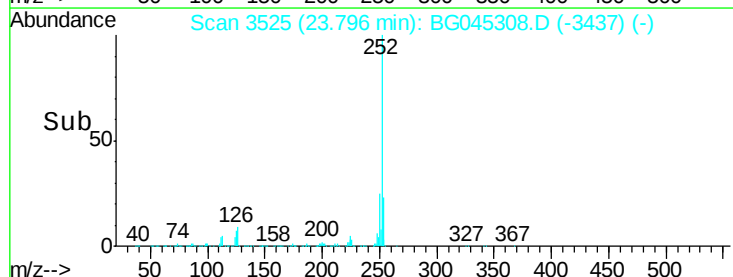
Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	6.8	6.2	9.4



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: 36.298 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

BNA_G

ClientSampleId :

PB128752BS

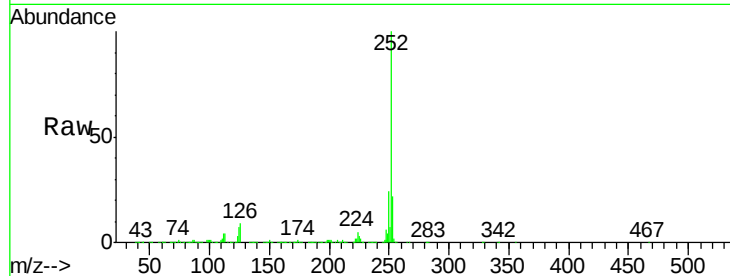
Tot Ion:252 Resp: 1077377

Ion Ratio Lower Upper

252 100

253 21.9 19.2 28.8

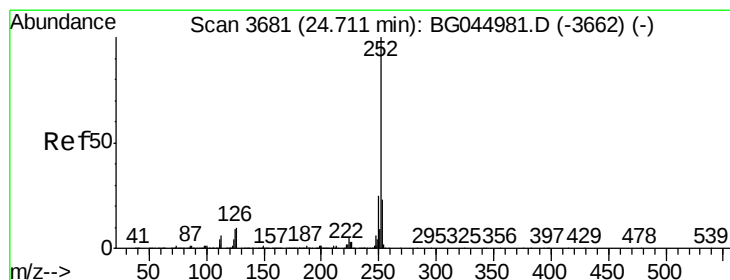
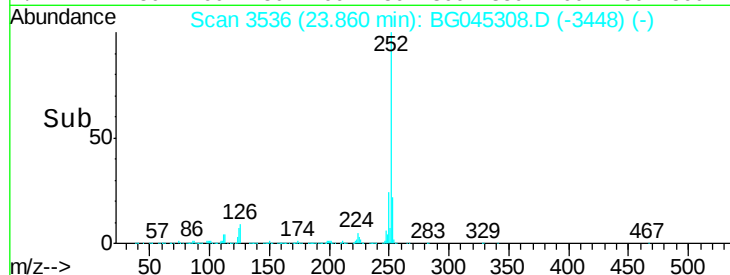
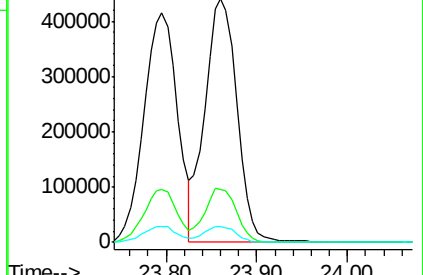
125 6.6 5.9 8.9



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: 33.941 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

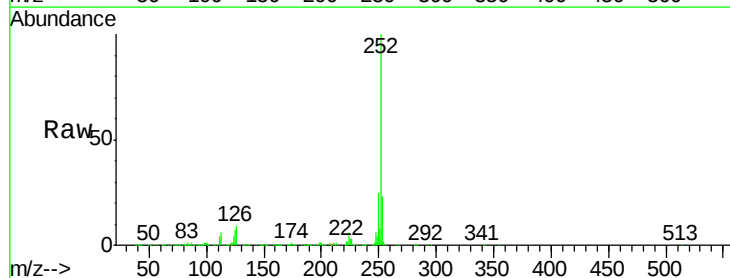
Tgt Ion:252 Resp: 1000162

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

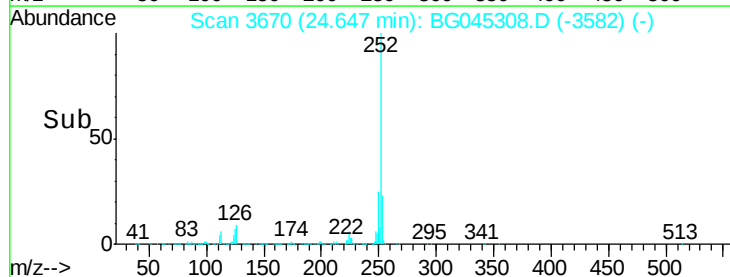
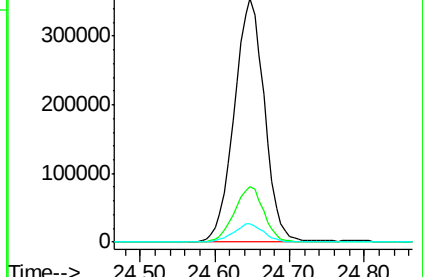
125 7.3 7.0 10.6

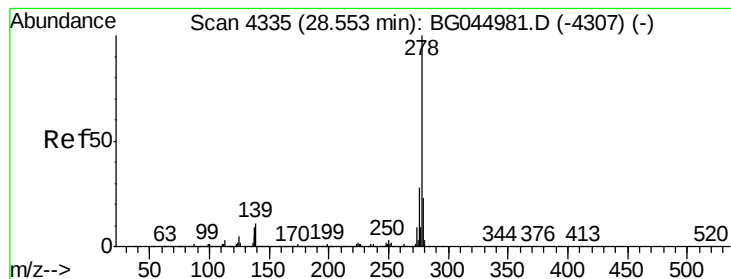


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.322 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.02 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Instrument :

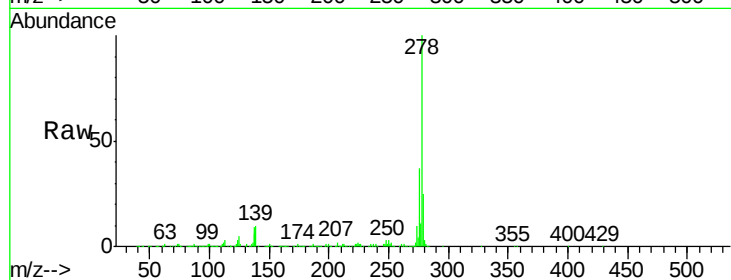
BNA_G

ClientSampleId :

PB128752BS

Tot Ion:278 Resp: 1048813

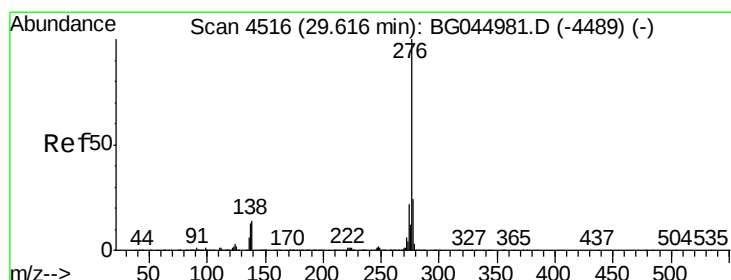
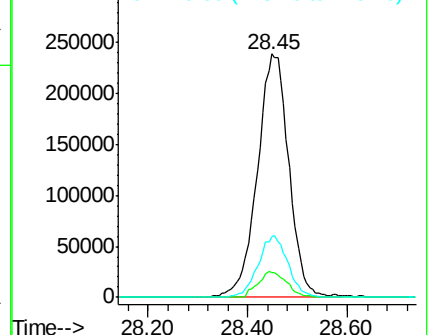
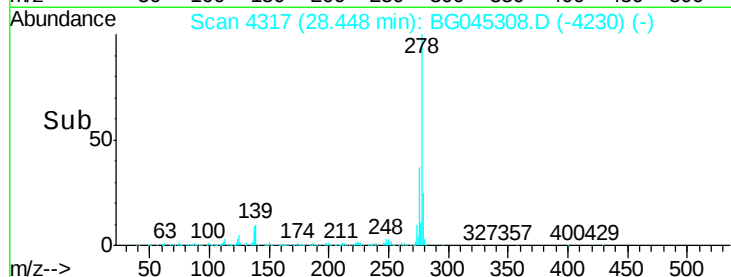
Ion	Ratio	Lower	Upper
278	100		
139	10.2	9.0	13.6
279	25.1	18.4	27.6



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



#92

Benzo(g,h,i)perylene

Concen: 36.116 ng

RT: 29.51 min Scan# 4498

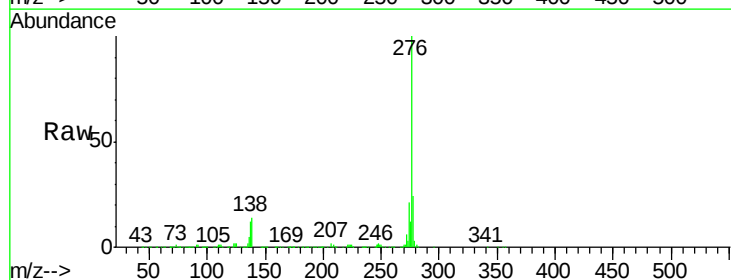
Delta R.T. -0.02 min

Lab File: BG045308.D

Acq: 11 May 2020 22:44

Tgt Ion:276 Resp: 1075158

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.3	28.9
138	13.7	11.4	17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

