

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045571.D
 Acq On : 2 Jun 2020 10:13
 Operator : CG/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 02 10:55:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	66092	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	266581	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	193390	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	476208	20.00	ng	0.00
76) Chrysene-d12	21.61	240	431797	20.00	ng	0.00
87) Perylene-d12	24.76	264	467671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	279011	82.50	ng	0.00
7) Phenol-d6	7.15	99	411216	85.43	ng	0.00
23) Nitrobenzene-d5	9.12	82	412427	84.37	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	211740	85.61	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	937593	82.24	ng	0.00
79) Terphenyl-d14	19.97	244	1608128	86.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	61381	36.601	ng	96
3) Pyridine	3.81	79	185627	39.743	ng	93
4) n-Nitrosodimethylamine	3.72	42	63996	41.872	ng	92
6) Aniline	7.28	93	263656	41.960	ng	99
8) 2-Chlorophenol	7.53	128	155742	41.994	ng	98
9) Benzaldehyde	7.08	77	121371	38.702	ng	95
10) Phenol	7.18	94	213602	43.057	ng	99
11) bis(2-Chloroethyl)ether	7.37	93	167603	43.314	ng	98
12) 1,3-Dichlorobenzene	7.84	146	184407	41.377	ng	98
13) 1,4-Dichlorobenzene	7.99	146	183409	41.701	ng	95
14) 1,2-Dichlorobenzene	8.31	146	176667	41.763	ng	97
15) Benzyl Alcohol	8.20	79	172081	43.276	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.48	45	154172	41.974	ng	99
17) 2-Methylphenol	8.42	107	160185	43.139	ng	94
18) Hexachloroethane	9.04	117	72086	42.794	ng	93
19) n-Nitroso-di-n-propylamine	8.76	70	145043	43.575	ng	96
20) 3+4-Methylphenols	8.75	107	217288	42.973	ng	93
22) Acetophenone	8.77	105	262022	41.471	ng	98
24) Nitrobenzene	9.16	77	218604	41.738	ng	# 98
25) Isophorone	9.68	82	414079	43.010	ng	97
26) 2-Nitrophenol	9.87	139	97855	43.675	ng	93
27) 2,4-Dimethylphenol	9.95	122	142237	42.802	ng	96
28) bis(2-Chloroethoxy)methane	10.17	93	216820	42.943	ng	98
29) 2,4-Dichlorophenol	10.43	162	170829	43.533	ng	95
30) 1,2,4-Trichlorobenzene	10.63	180	199131	42.944	ng	98
31) Naphthalene	10.81	128	524091	42.189	ng	99
32) Benzoic acid	10.11	122	103367	46.208	ng	98
33) 4-Chloroaniline	10.92	127	223679	43.076	ng	97
34) Hexachlorobutadiene	11.10	225	139610	42.593	ng	97
35) Caprolactam	11.70	113	64159	44.543	ng	86
36) 4-Chloro-3-methylphenol	12.08	107	196372	44.409	ng	98
37) 2-Methylnaphthalene	12.42	142	393983	42.552	ng	99
38) 1-Methylnaphthalene	12.42	142	393983	45.046	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	222499	41.191	ng	98

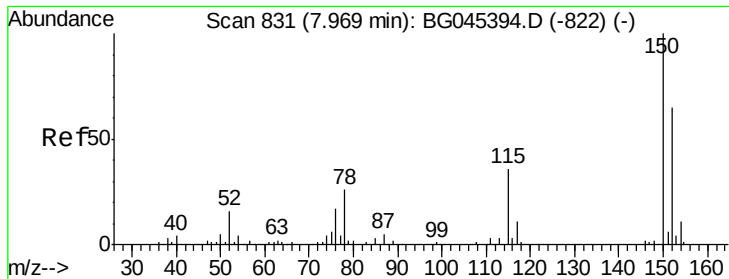
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060220\
 Data File : BG045571.D
 Acq On : 2 Jun 2020 10:13
 Operator : CG/JU
 Sample : SSTDC0040
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Quant Time: Jun 02 10:55:37 2020
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	141064	45.245	ng	100
43) 2,4,6-Trichlorophenol	13.04	196	158839	42.331	ng	99
44) 2,4,5-Trichlorophenol	13.12	196	178533	41.636	ng	97
46) 1,1'-Biphenyl	13.43	154	486346	40.928	ng	99
47) 2-Chloronaphthalene	13.47	162	393830	40.814	ng	99
48) 2-Nitroaniline	13.68	65	134884	42.495	ng	92
49) Acenaphthylene	14.32	152	636814	41.086	ng	98
50) Dimethylphthalate	14.06	163	558808	42.122	ng	99
51) 2,6-Dinitrotoluene	14.17	165	127621	42.632	ng	94
52) Acenaphthene	14.67	154	382694	36.886	ng	98
53) 3-Nitroaniline	14.51	138	132001	43.377	ng	99
54) 2,4-Dinitrophenol	14.71	184	68671	38.088	ng	98
55) Dibenzofuran	15.00	168	630672	40.934	ng	97
56) 4-Nitrophenol	14.85	139	95148	41.298	ng	93
57) 2,4-Dinitrotoluene	14.97	165	184136	42.472	ng	96
58) Fluorene	15.65	166	530919	41.945	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.24	232	158689	42.065	ng	98
60) Diethylphthalate	15.42	149	578172	41.872	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	309579	42.741	ng	98
62) 4-Nitroaniline	15.67	138	135249	42.573	ng	99
63) Azobenzene	15.94	77	540380	41.970	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	115138	41.515	ng	94
66) n-Nitrosodiphenylamine	15.86	169	468298	40.958	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	215760	41.842	ng	97
68) Hexachlorobenzene	16.66	284	225551	41.820	ng	99
69) Atrazine	16.81	200	191361	40.634	ng	99
70) Pentachlorophenol	17.01	266	115837	41.364	ng	95
71) Phenanthrene	17.39	178	859735	41.355	ng	99
72) Anthracene	17.48	178	868241	41.588	ng	99
73) Carbazole	17.76	167	857257	42.125	ng	99
74) Di-n-butylphthalate	18.31	149	1019501	41.739	ng	99
75) Fluoranthene	19.40	202	1066885	40.347	ng	100
77) Benzidine	19.58	184	445389	36.726	ng	98
78) Pyrene	19.77	202	1072533	43.574	ng	100
80) Butylbenzylphthalate	20.65	149	453658	42.700	ng	99
81) Benzo(a)anthracene	21.59	228	1011243	42.041	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	396108	41.981	ng	97
83) Chrysene	21.66	228	976693	42.228	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	615454	42.142	ng	98
85) Di-n-octyl phthalate	22.69	149	1033992	41.222	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1231004	40.701	ng	# 96
88) Benzo(b)fluoranthene	23.76	252	1051571	41.926	ng	100
89) Benzo(k)fluoranthene	23.83	252	1011961	42.945	ng	99
90) Benzo(a)pyrene	24.61	252	985281	42.179	ng	99
91) Dibenzo(a,h)anthracene	28.40	278	1004306	42.784	ng	99
92) Benzo(g,h,i)perylene	29.45	276	990552	42.193	ng	96

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

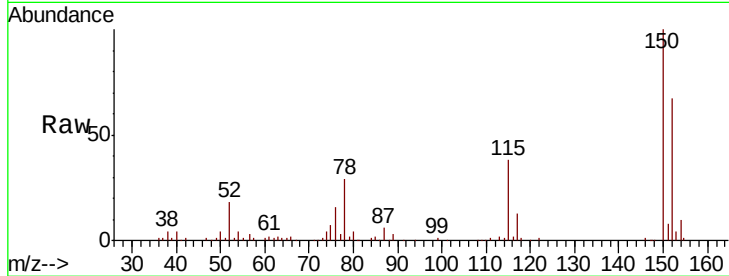


#1

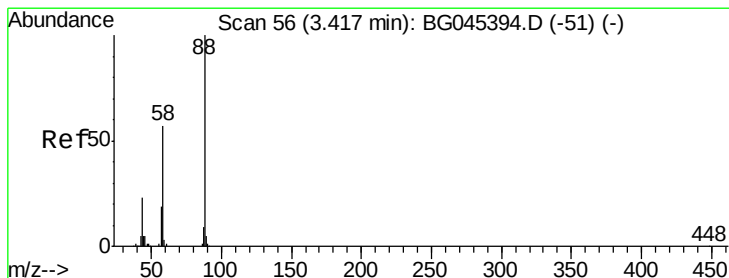
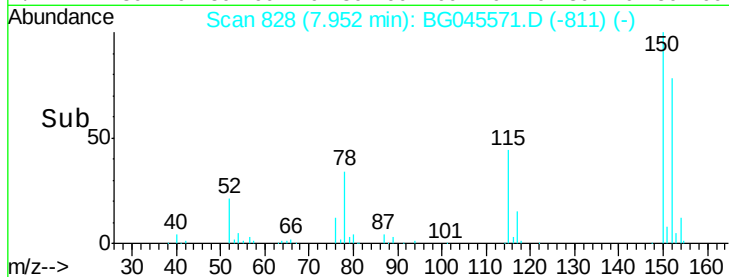
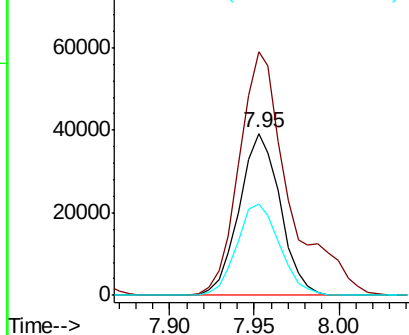
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	122.4	183.6
115	56.5	44.2	66.4



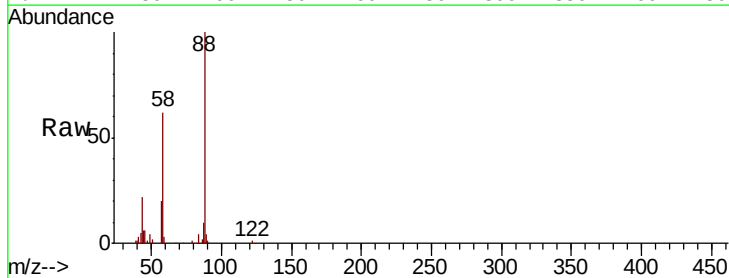
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



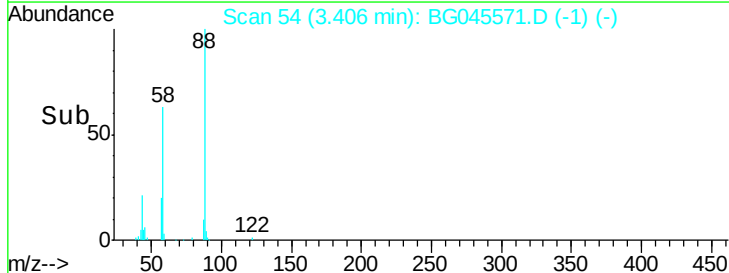
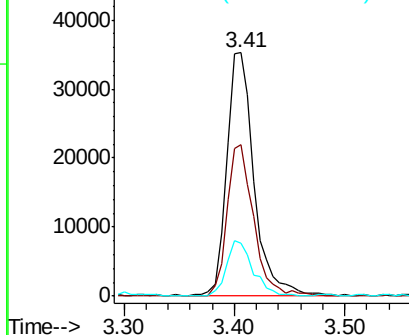
#2

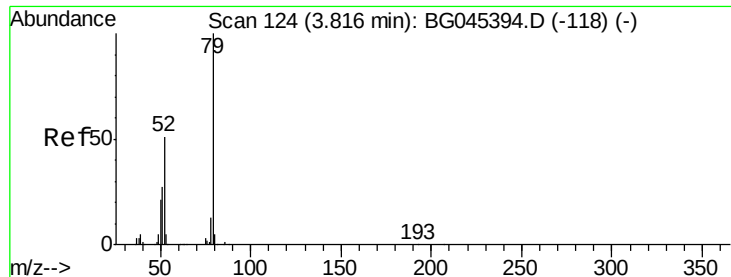
1,4-Dioxane
Concen: 36.601 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	45.7	68.5
43	22.2	16.8	25.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.743 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

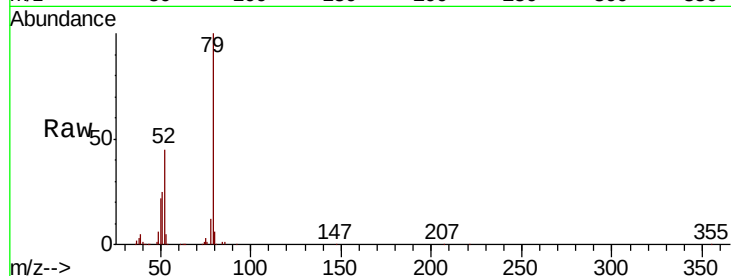
Tot Ion: 79 Resp: 185627

Ion Ratio Lower Upper

79 100

52 45.4 40.8 61.2

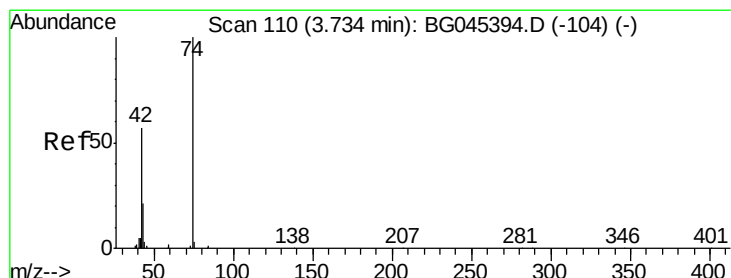
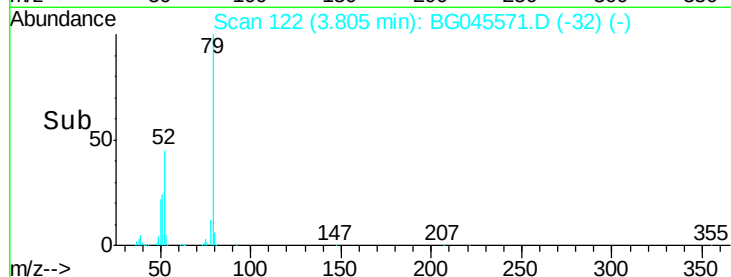
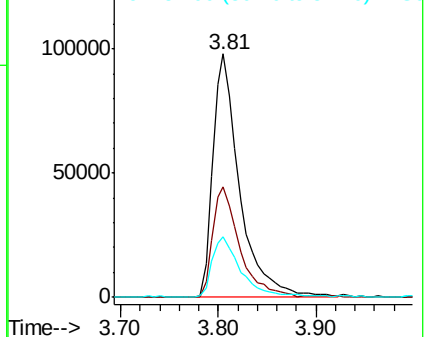
51 24.8 21.9 32.9



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: 41.872 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

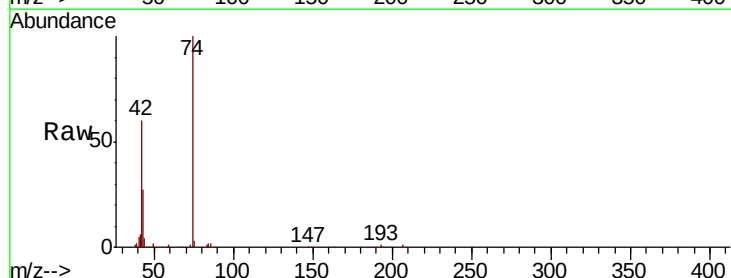
Tgt Ion: 42 Resp: 63996

Ion Ratio Lower Upper

42 100

74 165.8 141.3 211.9

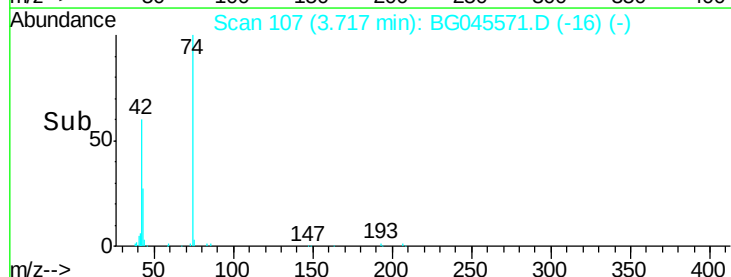
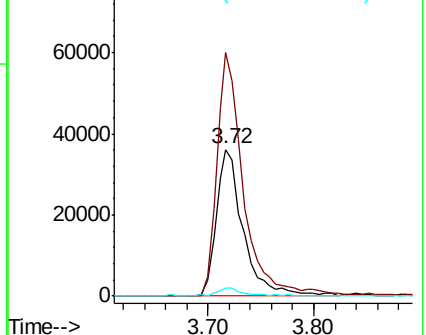
44 5.9 4.2 6.4

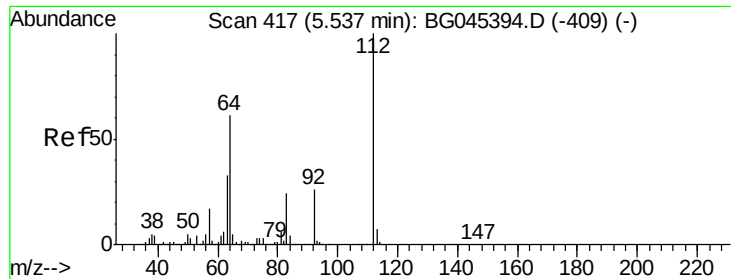


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.502 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

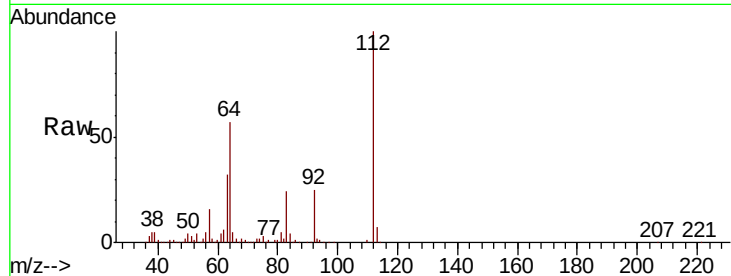
Tot Ion:112 Resp: 279011

Ion Ratio Lower Upper

112 100

64 57.0 48.6 72.8

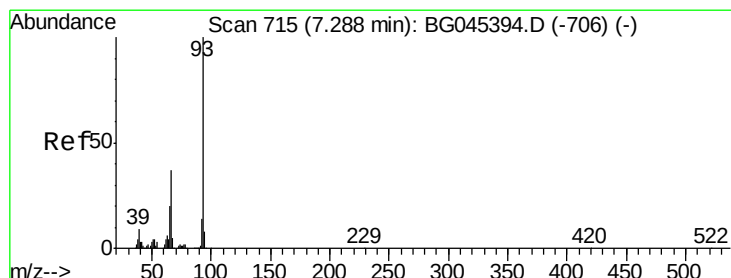
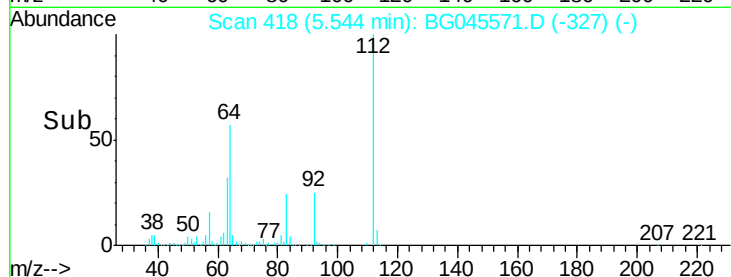
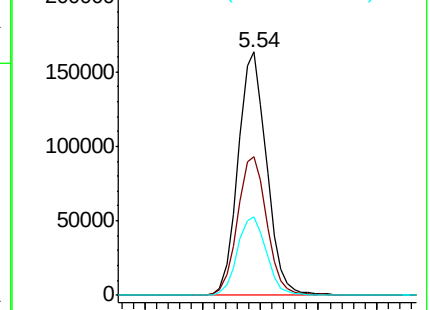
63 32.1 26.5 39.7



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: 41.960 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

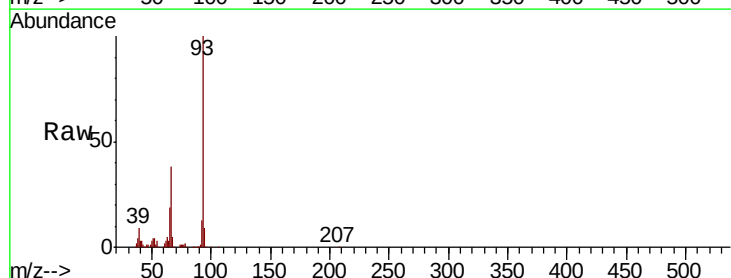
Tgt Ion: 93 Resp: 263656

Ion Ratio Lower Upper

93 100

66 37.5 29.6 44.4

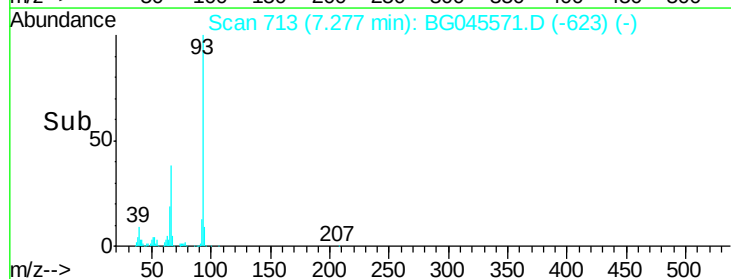
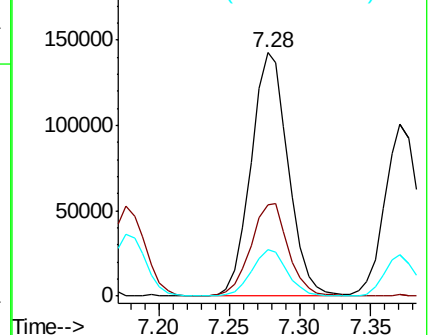
65 19.0 15.9 23.9

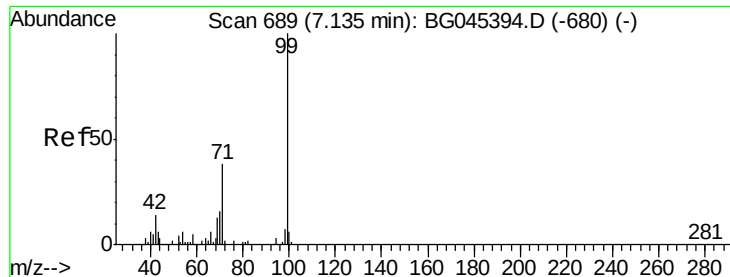


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.431 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

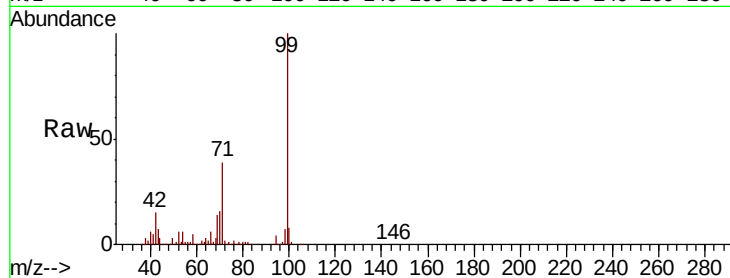
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 411216

Ion	Ratio	Lower	Upper
99	100		
42	14.9	11.3	16.9
71	39.1	30.8	46.2

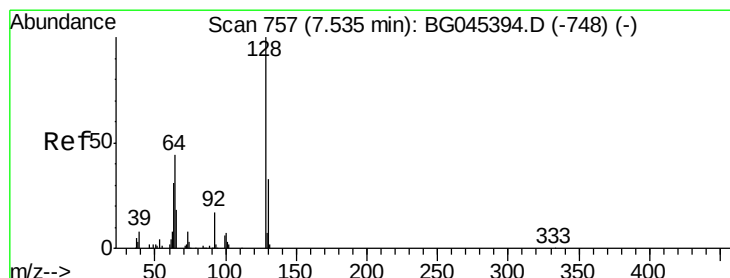
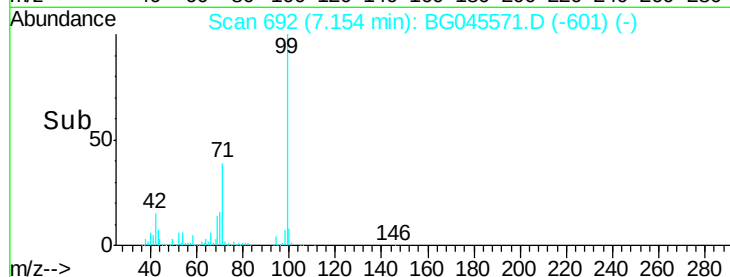
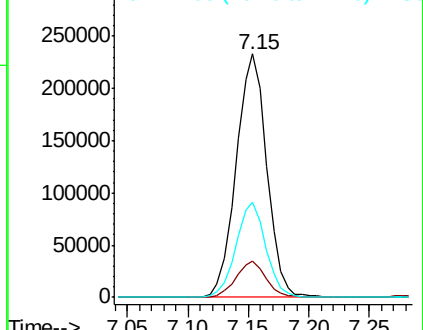


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.994 ng

RT: 7.53 min Scan# 756

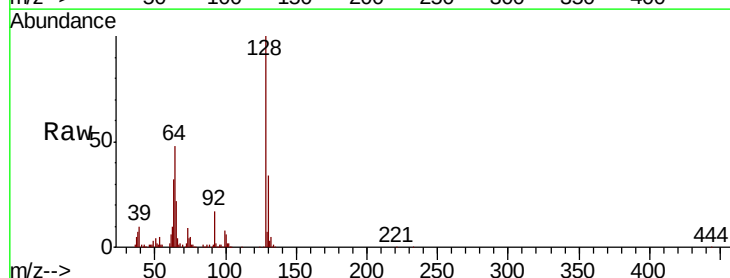
Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Tgt Ion:128 Resp: 155742

Ion	Ratio	Lower	Upper
128	100		
130	33.8	12.6	52.6
64	48.2	27.0	67.0

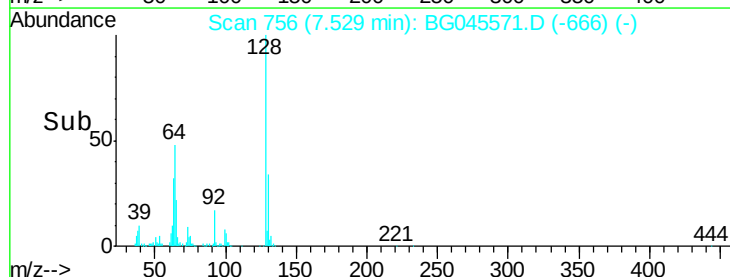
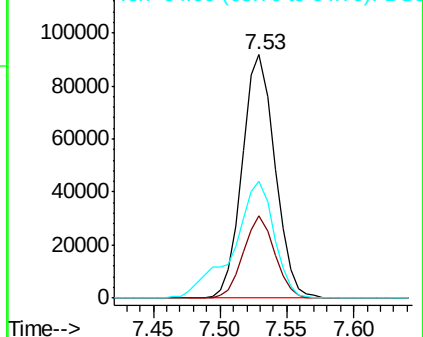


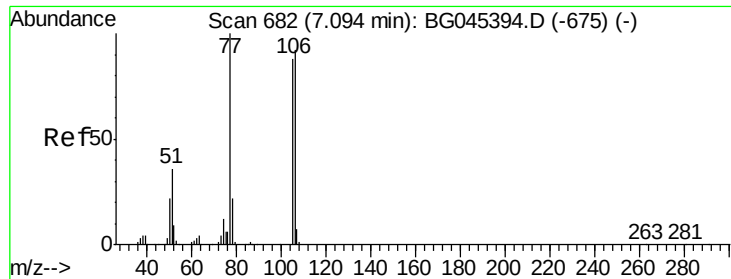
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 38.702 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampled :

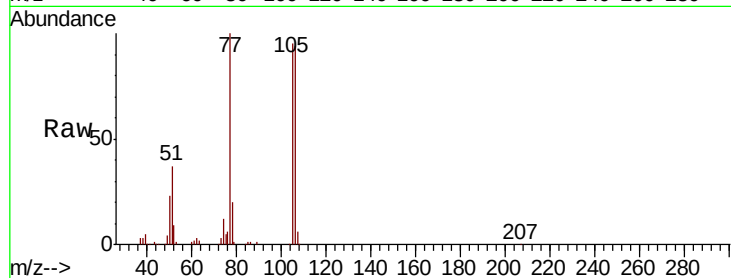
Tot Ion: 77 Resp: 121371

Ion Ratio Lower Upper

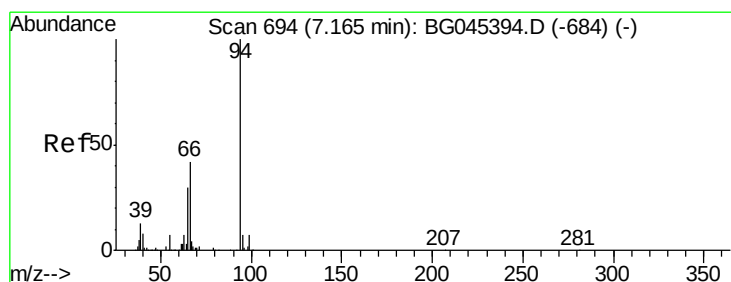
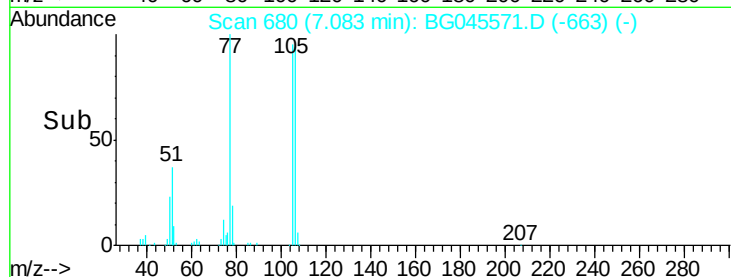
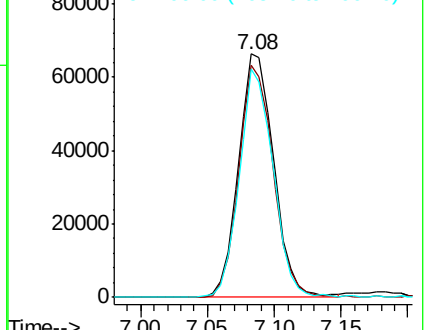
77 100

105 95.1 68.5 108.5

106 93.7 71.6 111.6



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



#10

Phenol

Concen: 43.057 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

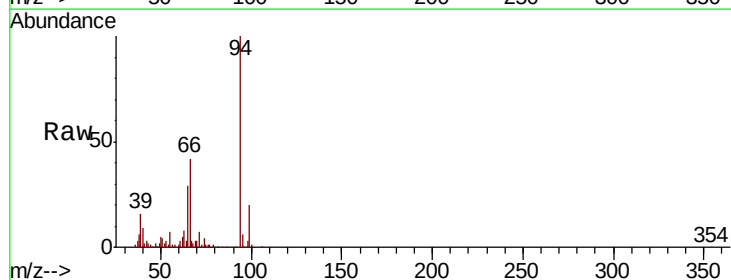
Tgt Ion: 94 Resp: 213602

Ion Ratio Lower Upper

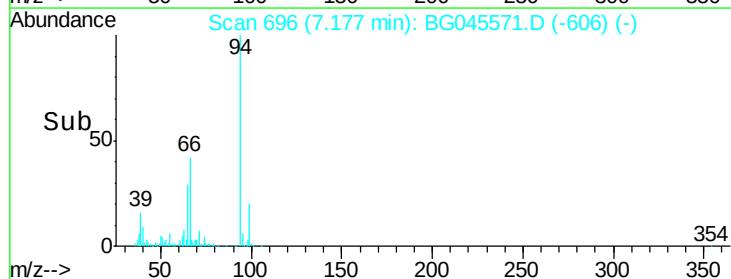
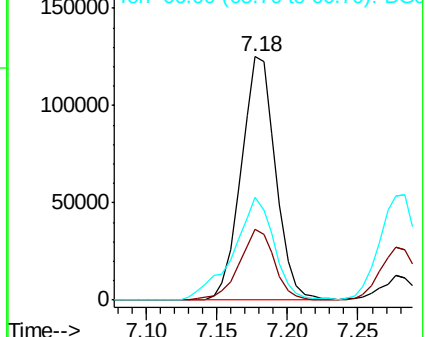
94 100

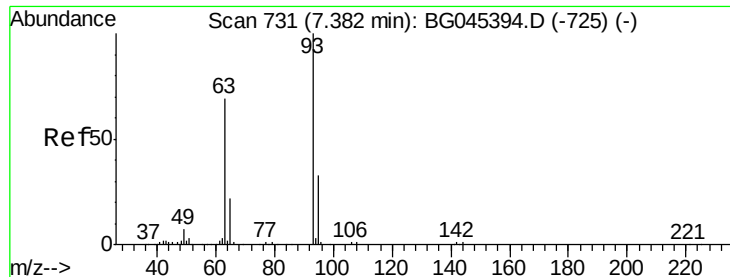
65 29.0 9.8 49.8

66 42.0 22.0 62.0



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

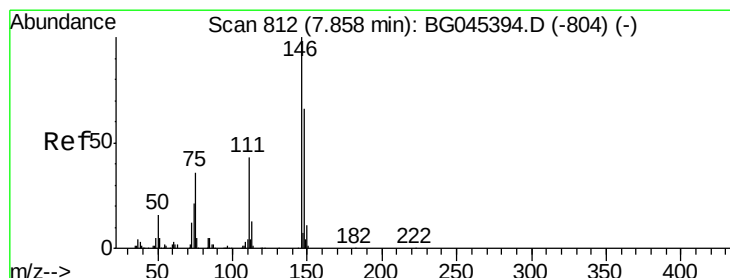
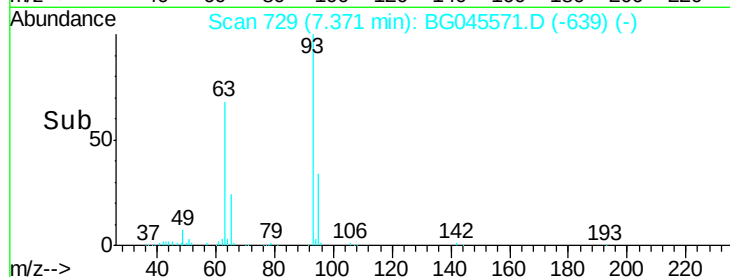
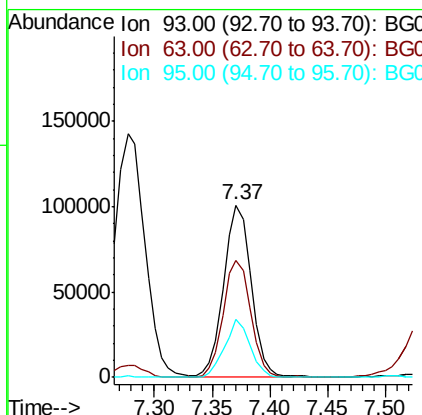
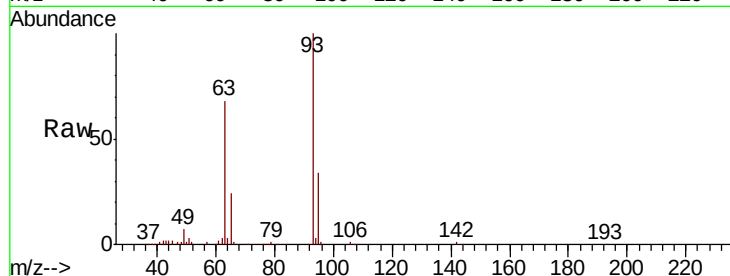




#11
bis(2-Chloroethyl)ether
Concen: 43.314 ng
RT: 7.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

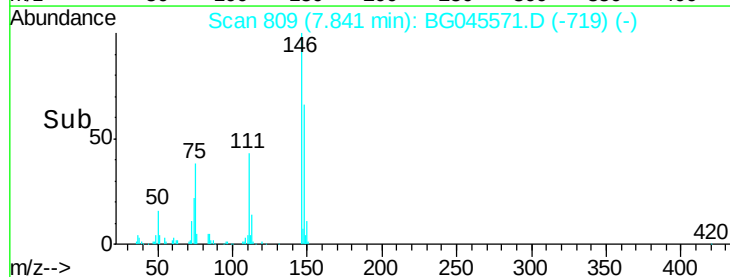
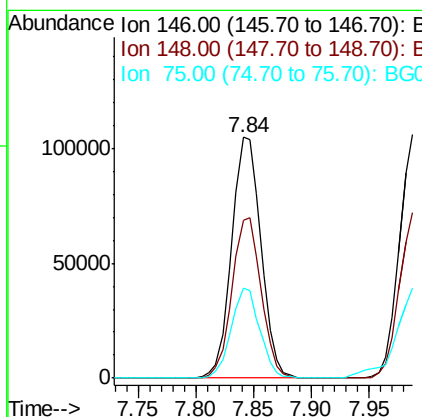
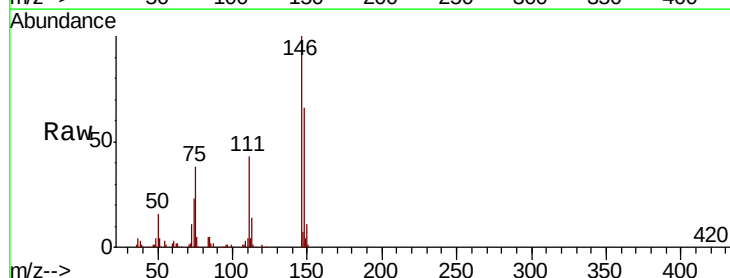
Instrument :
BNA_G
ClientSampleId :

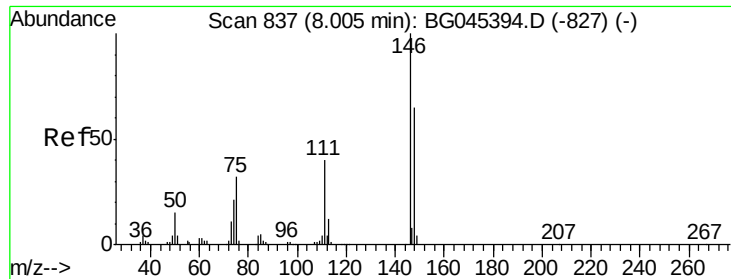
Tot Ion	93	Resp	167603
Ion	Ratio	Lower	Upper
93	100		
63	67.5	48.4	88.4
95	33.9	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.377 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion	146	Resp	184407
Ion	Ratio	Lower	Upper
146	100		
148	65.6	53.2	79.8
75	37.5	28.6	43.0

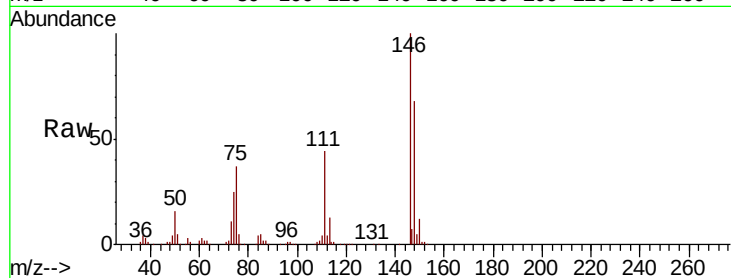




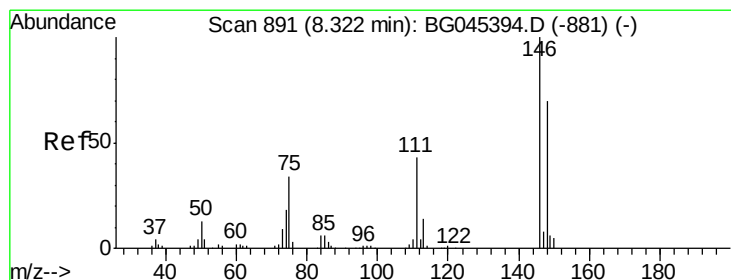
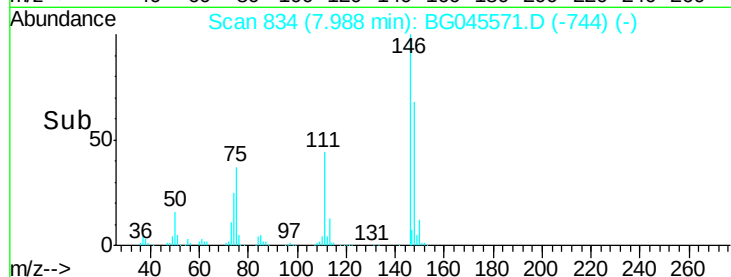
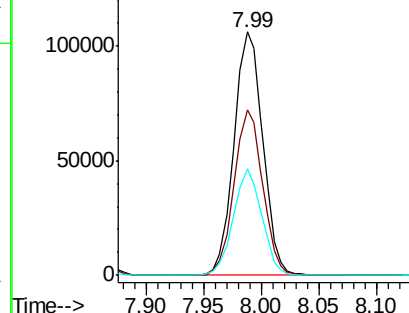
#13
 1,4-Dichlorobenzene
 Concen: 41.701 ng
 RT: 7.99 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.8	51.8	77.8
111	43.7	32.1	48.1

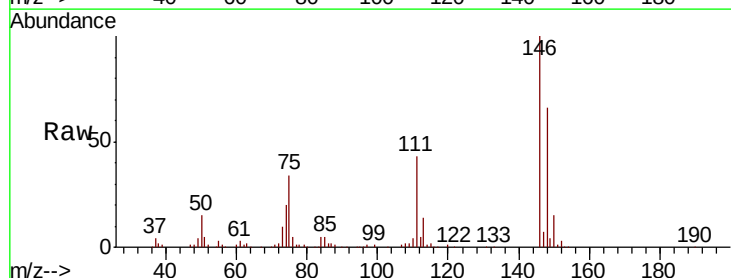


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

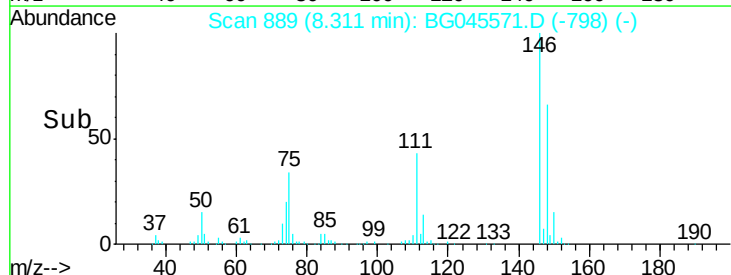
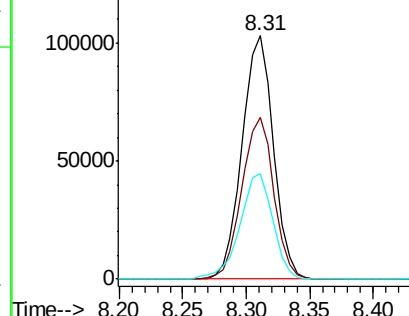


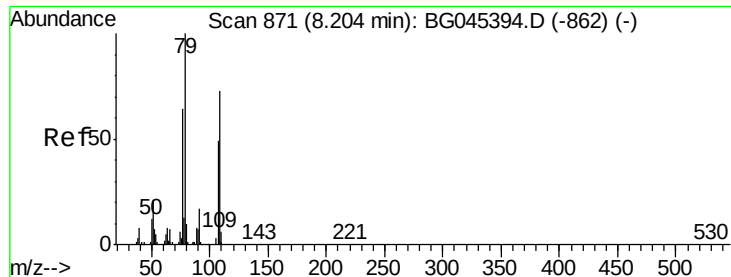
#14
 1,2-Dichlorobenzene
 Concen: 41.763 ng
 RT: 8.31 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	55.9	83.9
111	43.3	35.0	52.4



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: 43.276 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

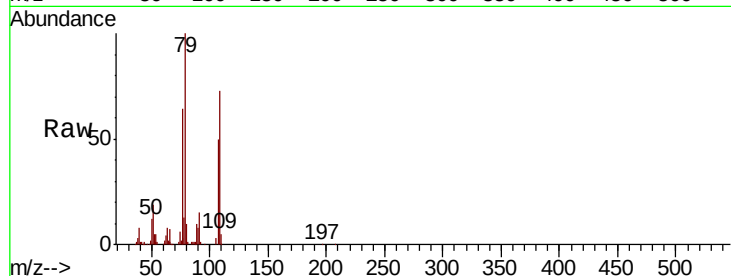
Tot Ion: 79 Resp: 172081

Ion Ratio Lower Upper

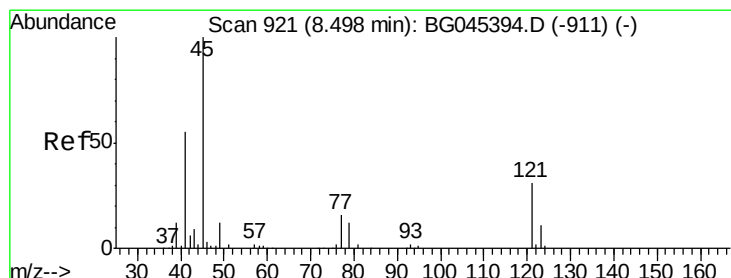
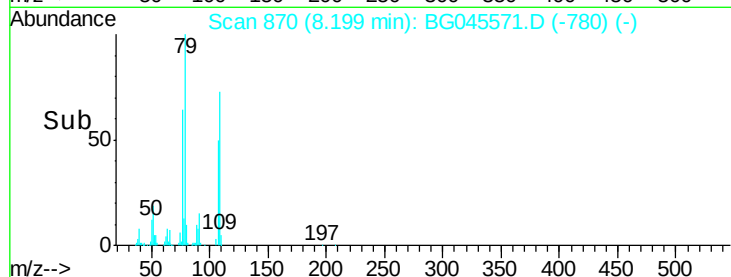
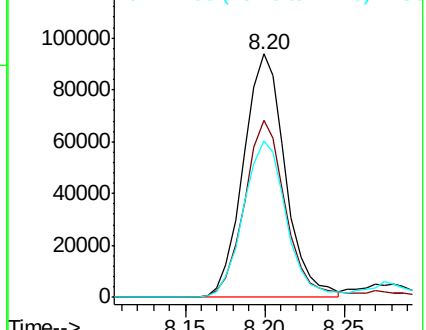
79 100

108 72.7 58.2 87.4

77 64.2 51.0 76.4



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: 41.974 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

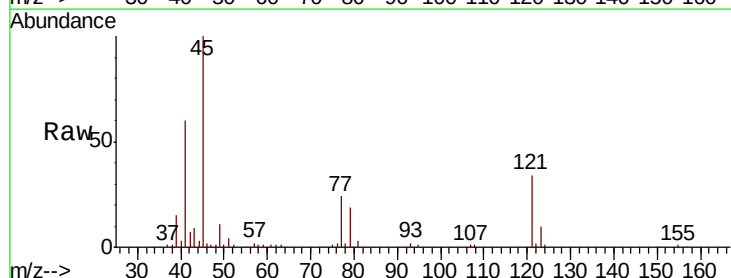
Tgt Ion: 45 Resp: 154172

Ion Ratio Lower Upper

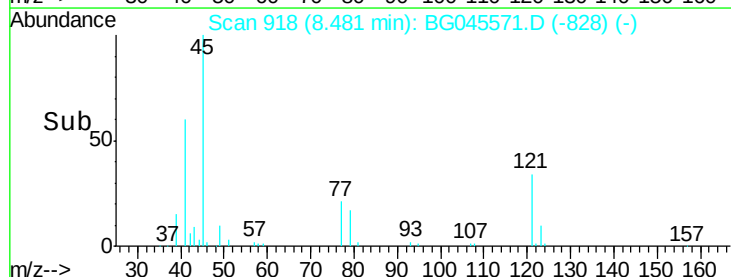
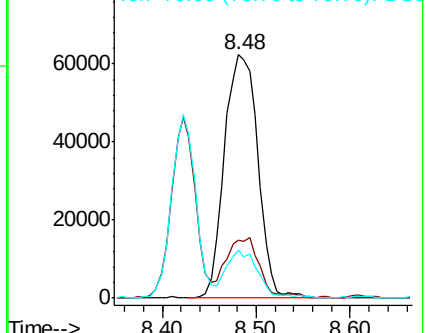
45 100

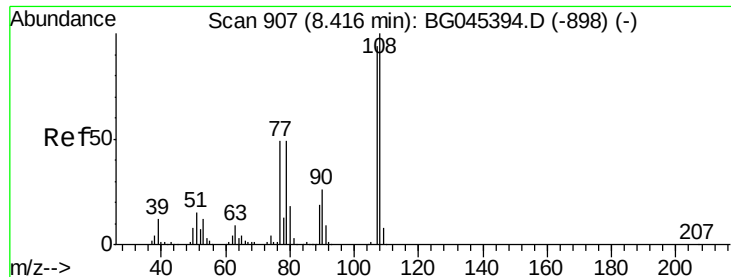
77 23.6 4.0 44.0

79 19.5 0.0 38.6



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: 43.139 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 160185

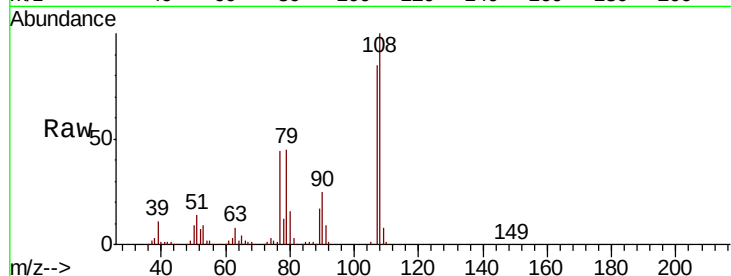
Ion Ratio Lower Upper

107 100

108 118.0 85.2 127.8

77 52.5 41.6 62.4

79 53.2 41.8 62.8



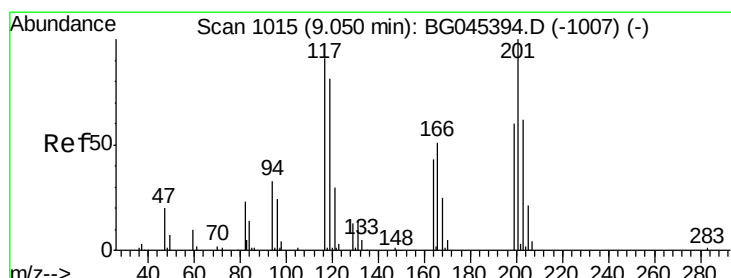
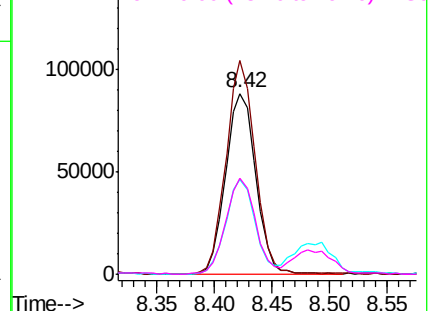
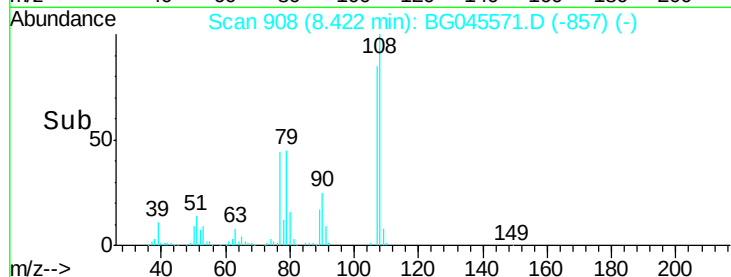
Abundance

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: 42.794 ng

RT: 9.04 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

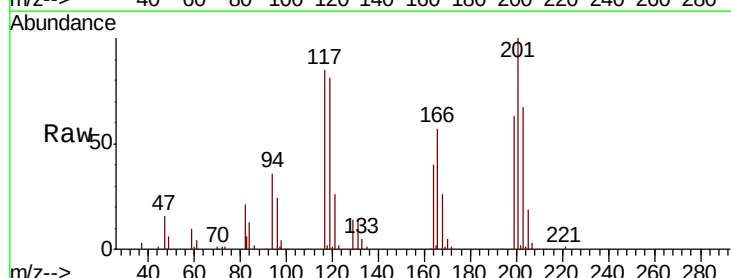
Tgt Ion:117 Resp: 72086

Ion Ratio Lower Upper

117 100

119 94.7 71.3 106.9

201 117.2 87.5 131.3

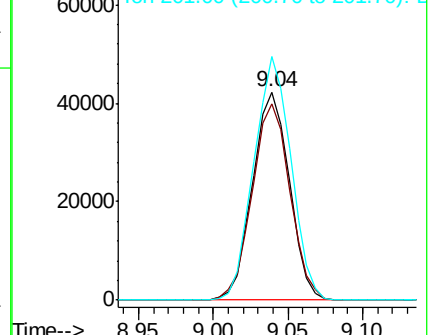
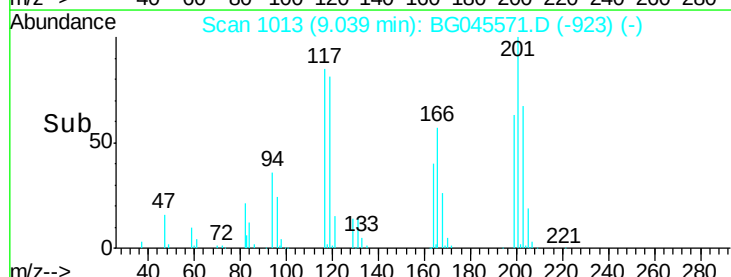


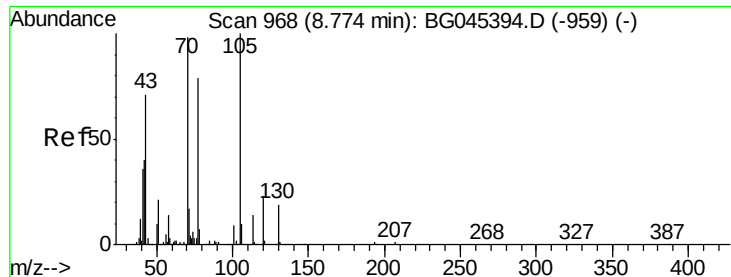
Abundance

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

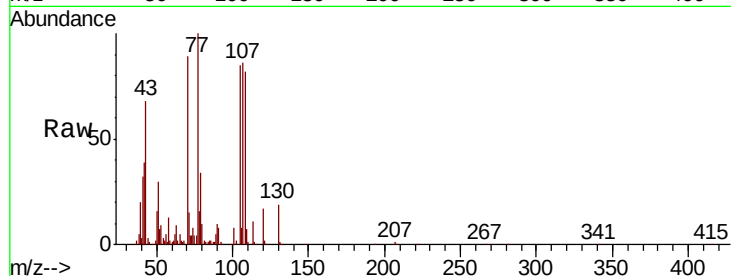




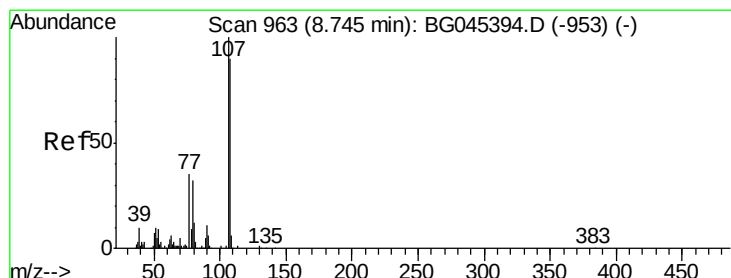
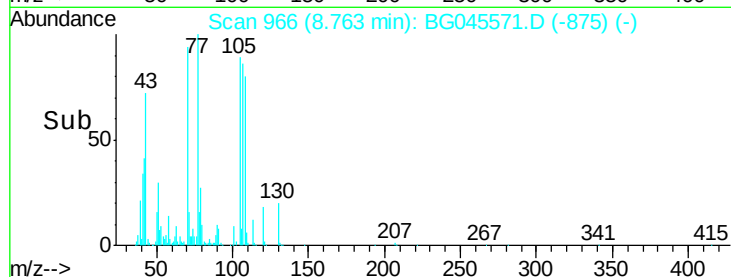
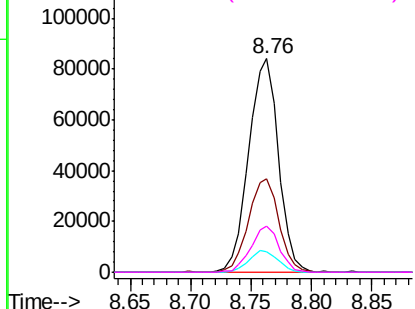
#19
n-Nitroso-di-n-propylamine
Concen: 43.575 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 145043
Ion Ratio Lower Upper
70 100
42 43.8 33.2 49.8
101 9.4 7.8 11.6
130 21.6 15.4 23.2

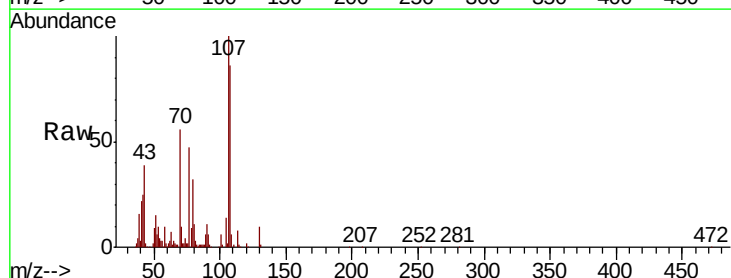


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

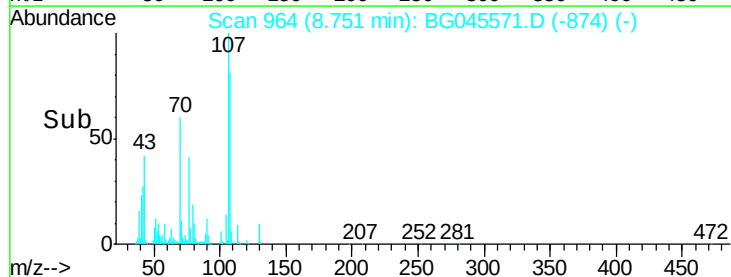
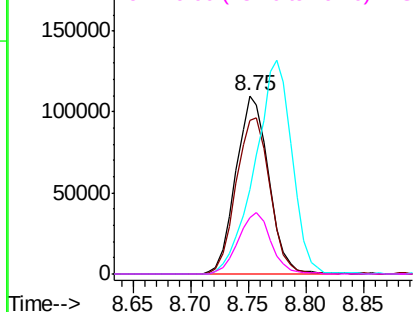


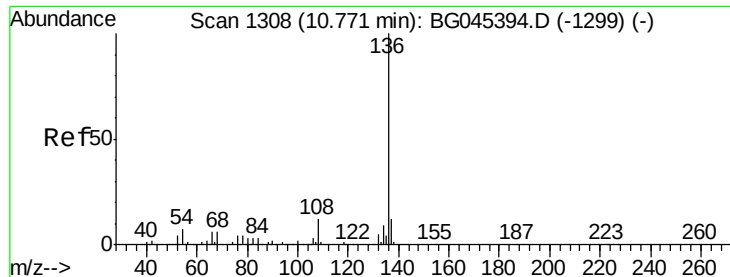
#20
3+4-Methylphenols
Concen: 42.973 ng
RT: 8.75 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion: 107 Resp: 217288
Ion Ratio Lower Upper
107 100
108 86.2 70.3 110.3
77 47.4 15.4 55.4
79 31.8 12.6 52.6



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

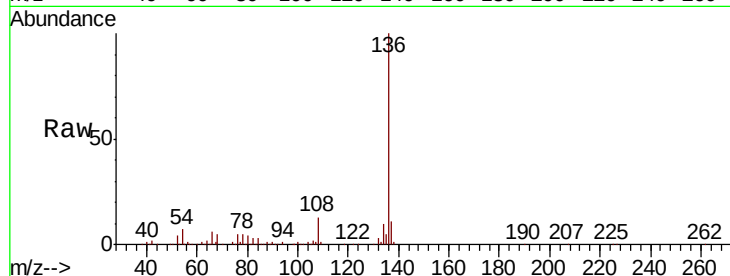




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	266581	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.4	14.2	
54 6.7	5.8	8.6	
68 5.2	4.5	6.7	



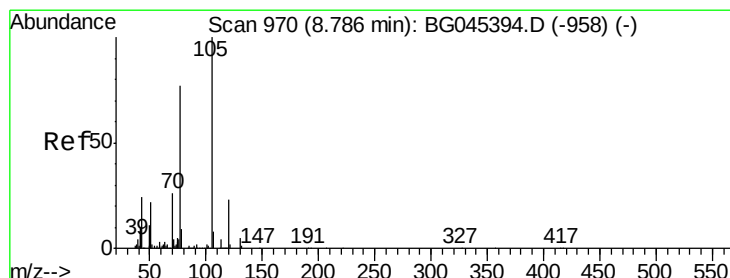
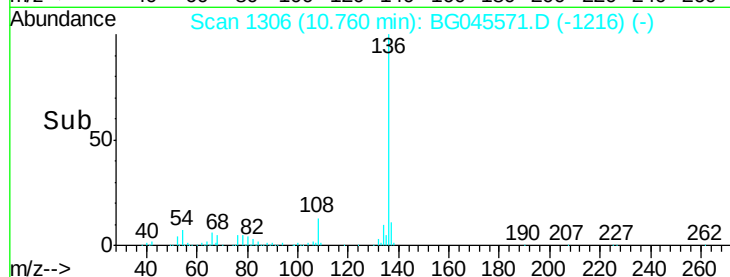
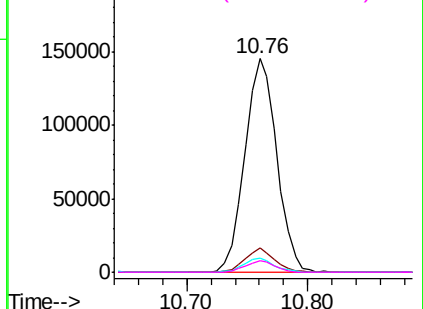
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

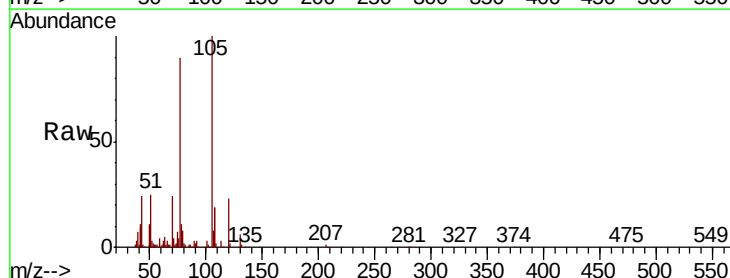
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.471 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion	Ion:105 Ratio	Resp: Lower	262022 Upper
105	100		
71	3.9	3.4	5.0
51	25.2	18.2	27.2
120	23.2	18.6	27.8



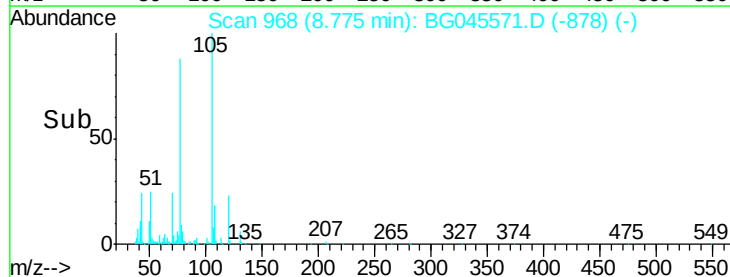
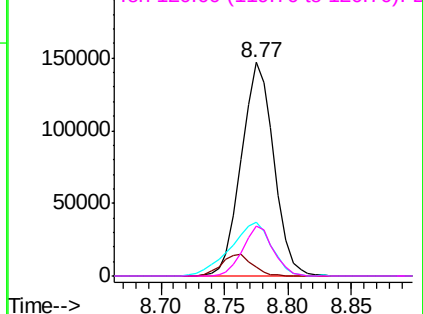
Abundance

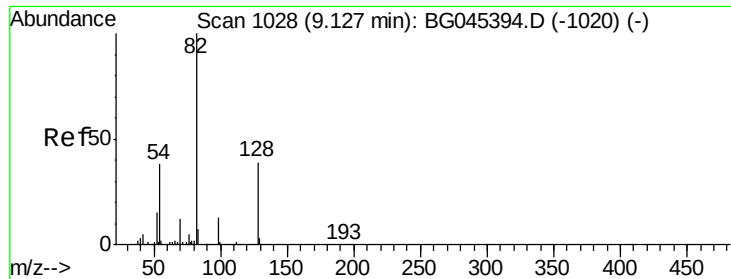
Ion 105.00 (104.70 to 105.70): E

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

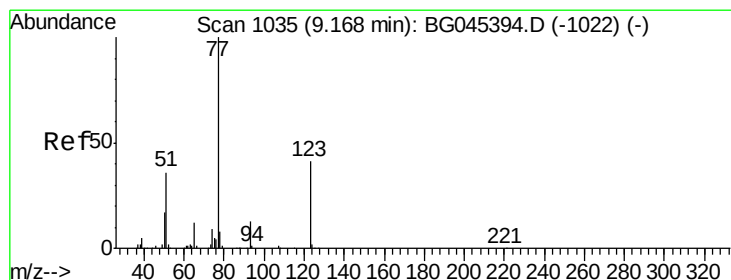
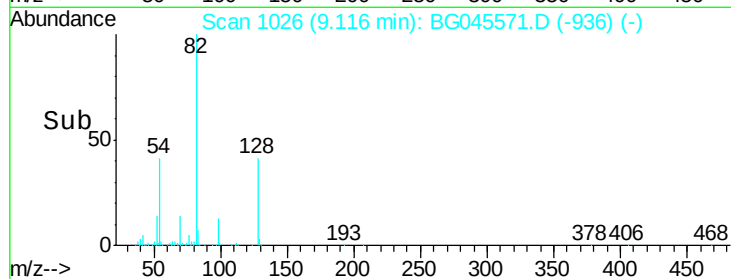
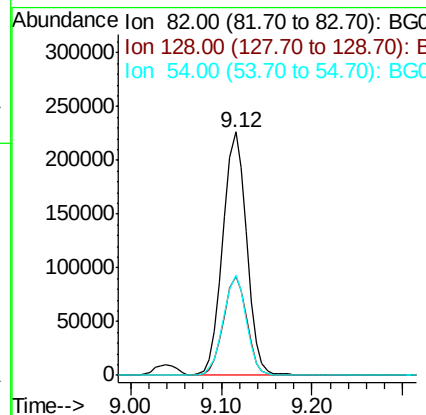
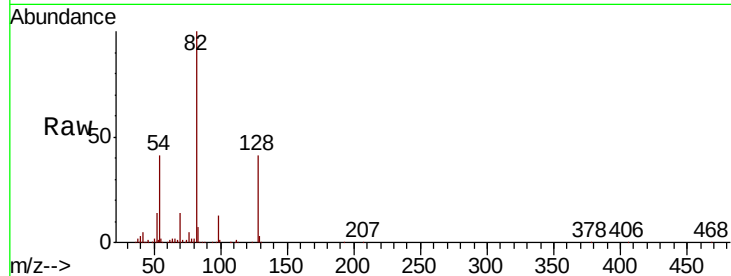




#23
 Nitrobenzene-d5
 Concen: 84.366 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

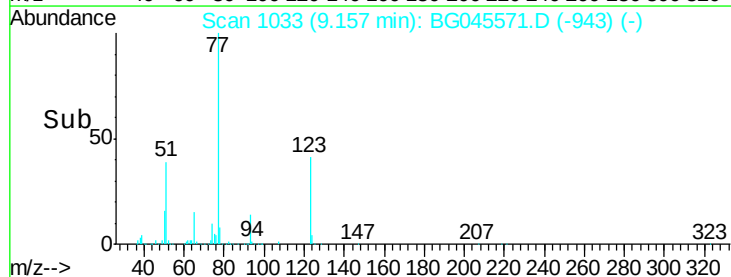
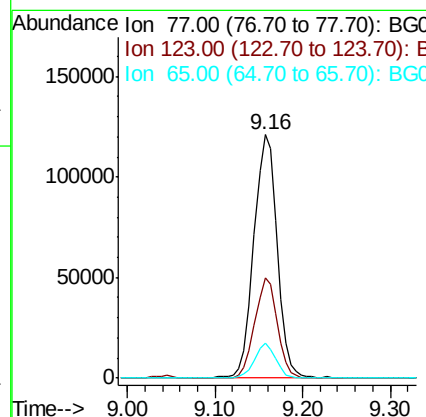
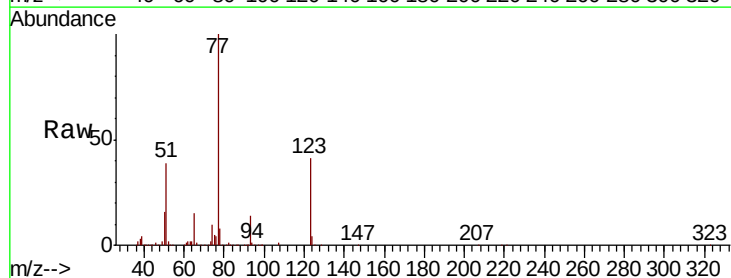
Instrument :
 BNA_G
 ClientSampleId :

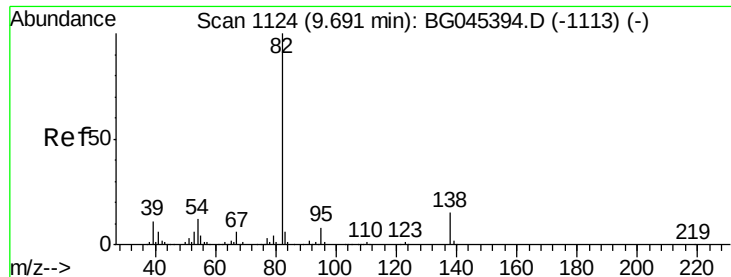
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	30.9	46.3
54	41.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 41.738 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.0	32.9	49.3
65	14.5	9.4	14.2#





#25

Isophorone

Concen: 43.010 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

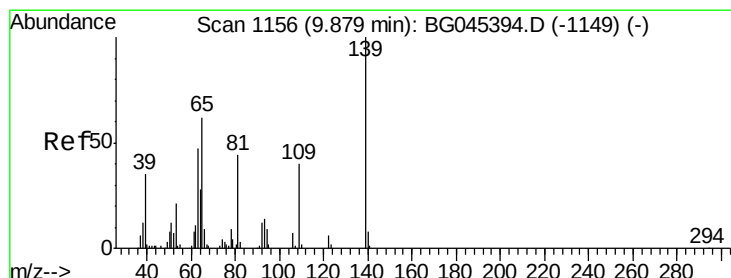
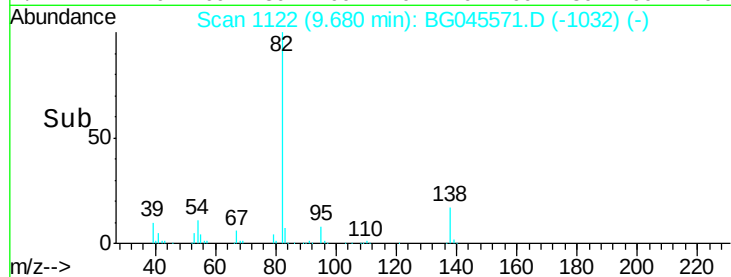
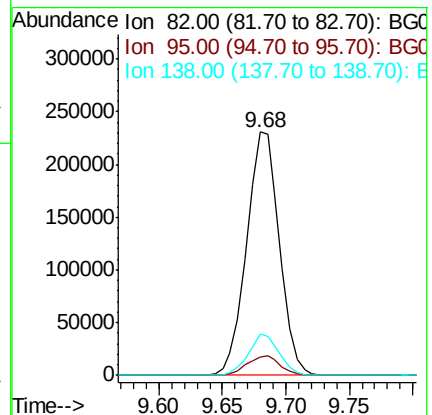
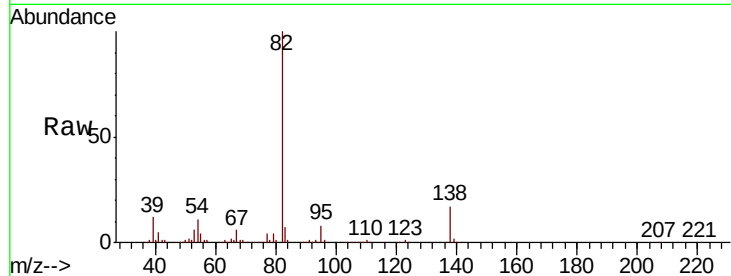
Tot Ion: 82 Resp: 414079

Ion Ratio Lower Upper

82 100

95 7.8 6.7 10.1

138 16.8 12.2 18.4



#26

2-Nitrophenol

Concen: 43.675 ng

RT: 9.87 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

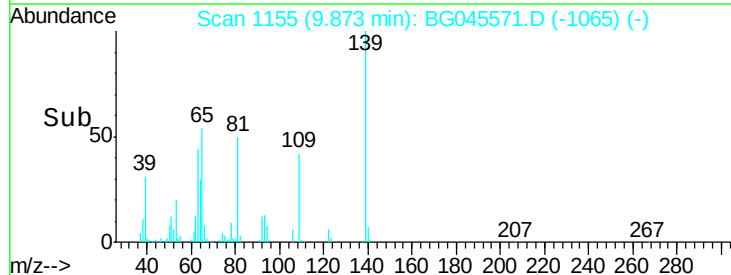
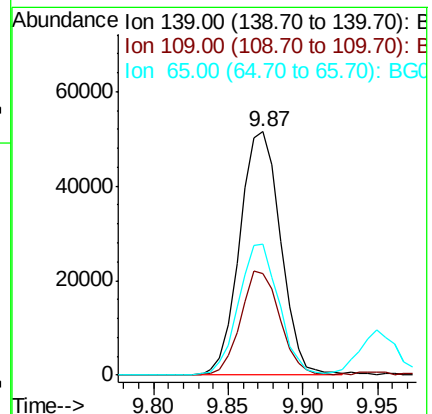
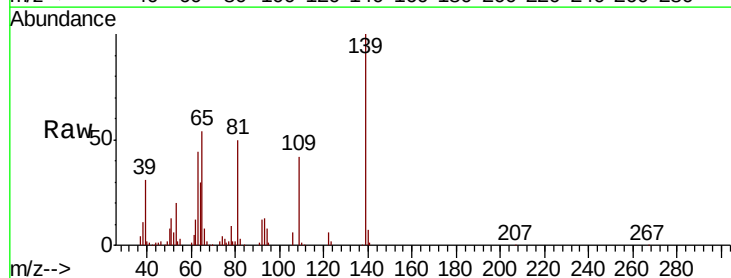
Tgt Ion: 139 Resp: 97855

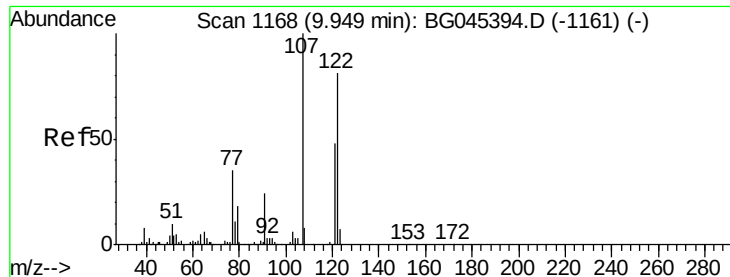
Ion Ratio Lower Upper

139 100

109 41.6 32.2 48.4

65 53.8 49.6 74.4

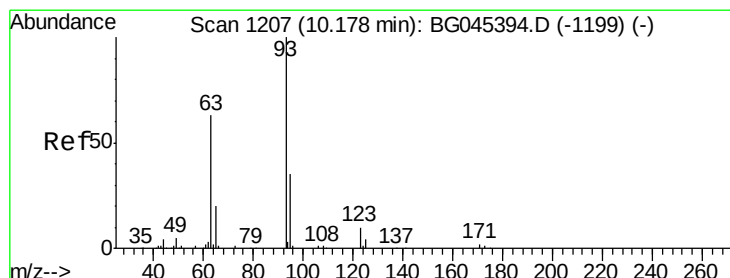
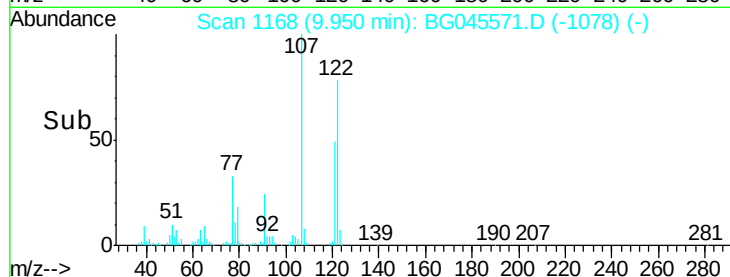
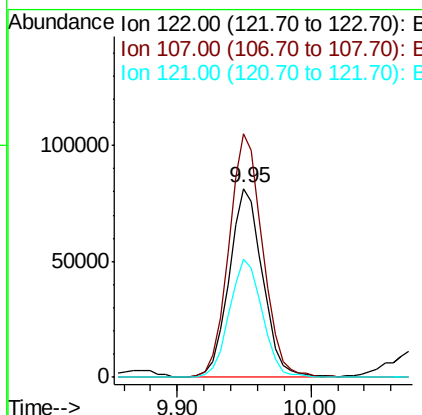
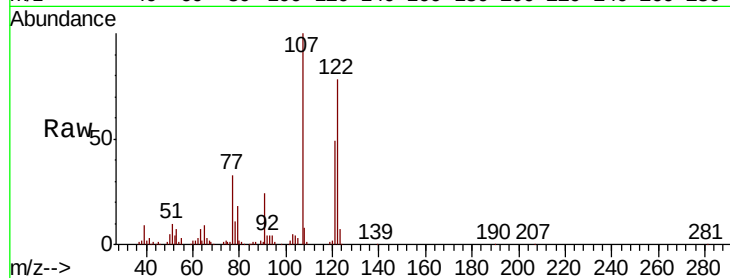




#27
 2,4-Dimethylphenol
 Concen: 42.802 ng
 RT: 9.95 min Scan# 1168
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

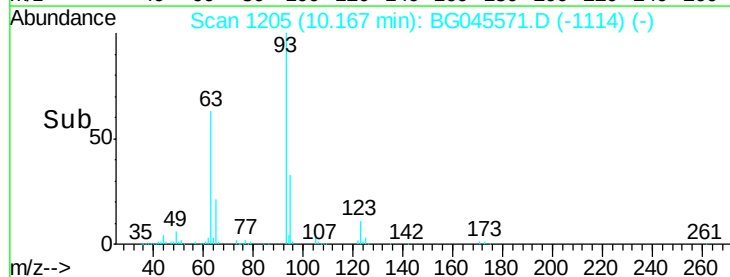
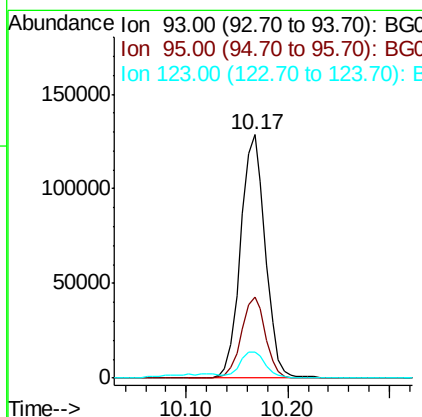
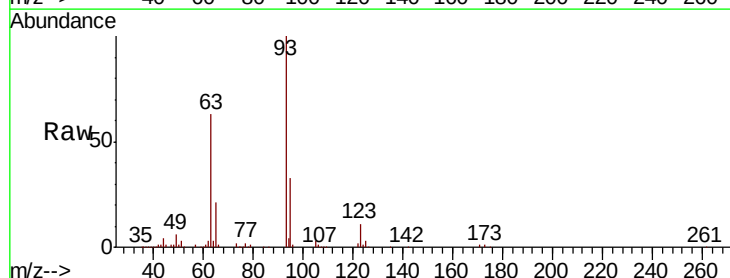
Instrument :
 BNA_G
 ClientSampled :

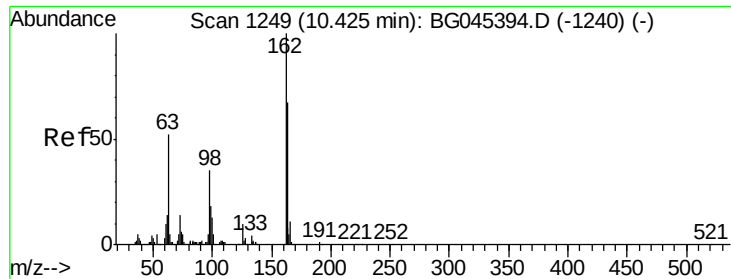
Tot Ion:122 Resp: 142237
 Ion Ratio Lower Upper
 122 100
 107 128.8 99.0 148.4
 121 62.8 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.943 ng
 RT: 10.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion: 93 Resp: 216820
 Ion Ratio Lower Upper
 93 100
 95 33.1 27.6 41.4
 123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 43.533 ng

RT: 10.43 min Scan# 1249

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

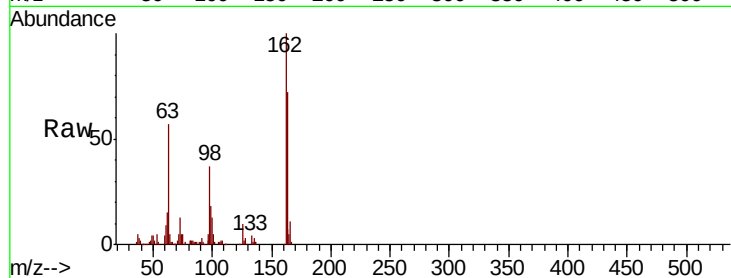
Instrument :

BNA_G

ClientSampled :

Tot Ion:162 Resp: 170829

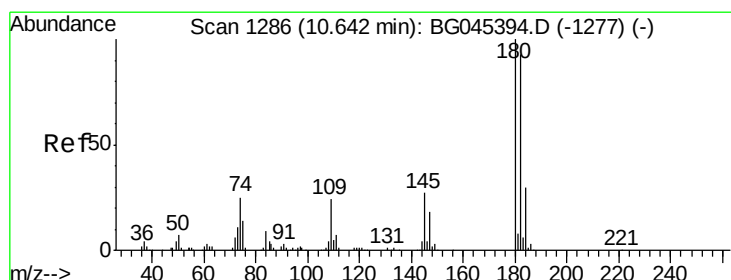
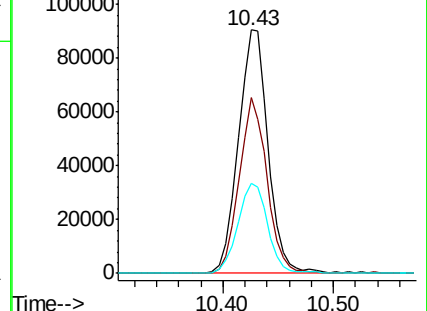
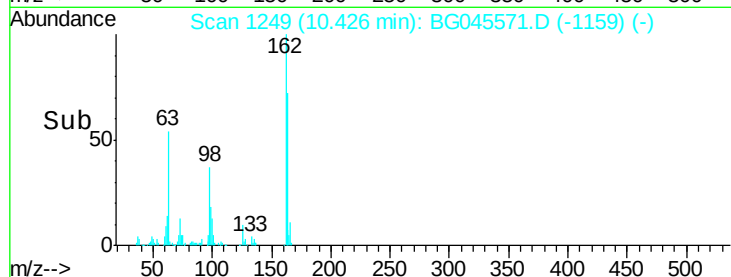
Ion	Ratio	Lower	Upper
162	100		
164	72.0	46.8	86.8
98	37.2	15.2	55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 42.944 ng

RT: 10.63 min Scan# 1283

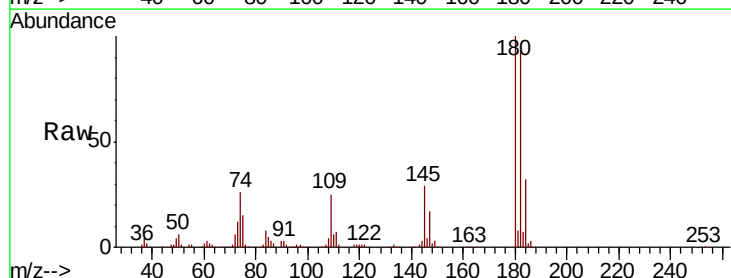
Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Tgt Ion:180 Resp: 199131

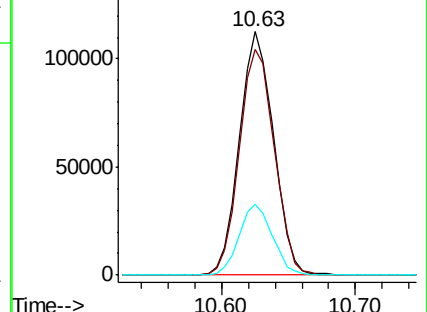
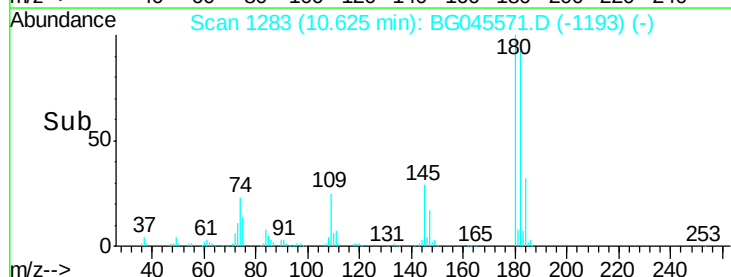
Ion	Ratio	Lower	Upper
180	100		
182	92.6	74.8	112.2
145	29.3	21.9	32.9

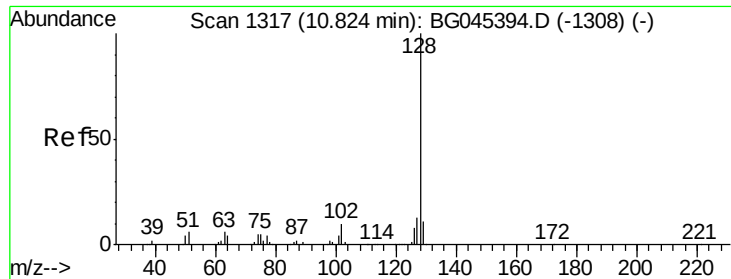


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

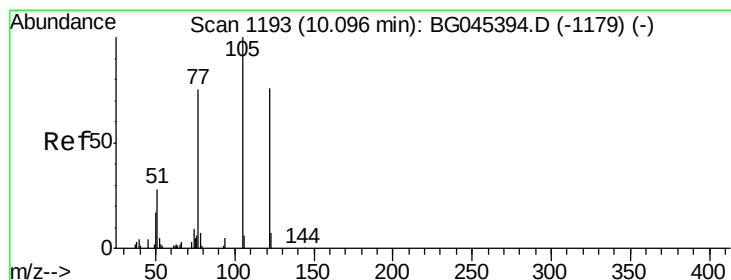
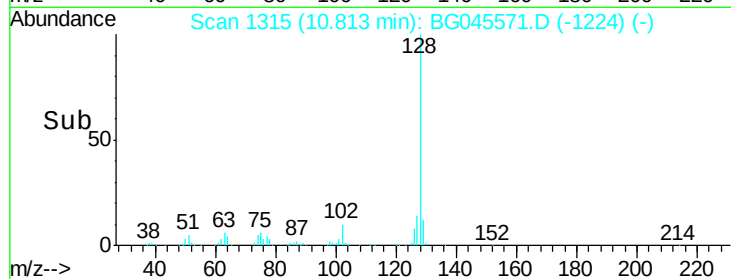
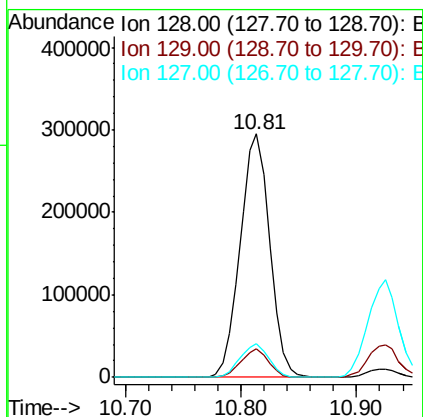
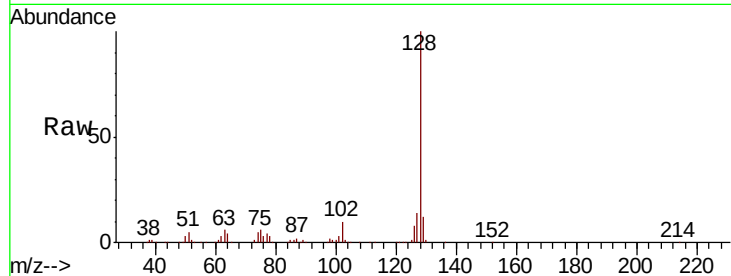




#31
Naphthalene
Concen: 42.189 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

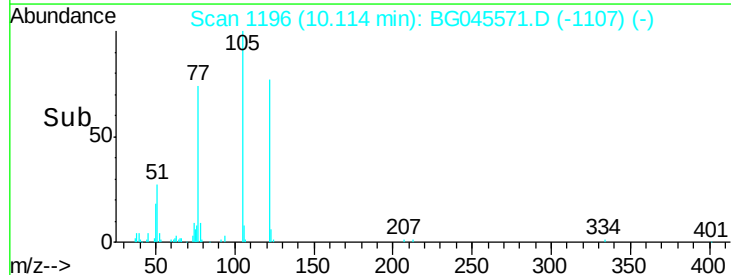
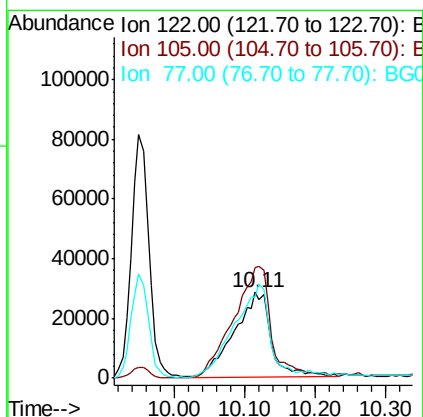
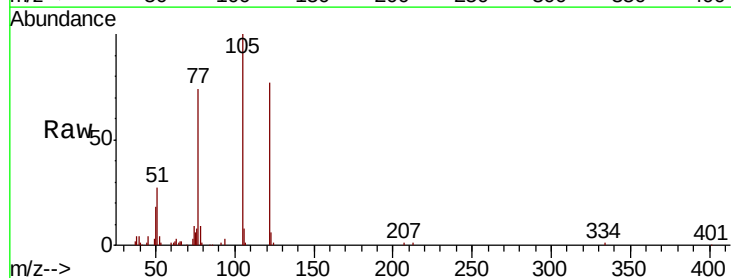
Instrument :
BNA_G
ClientSampleId :

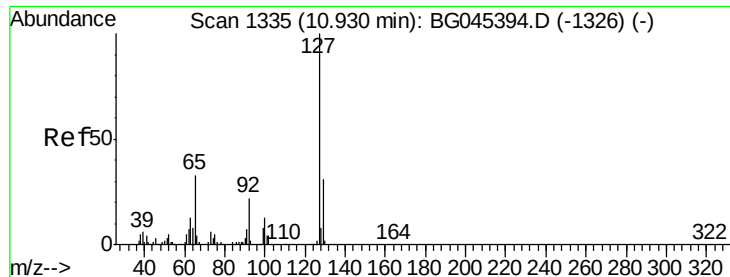
Tot Ion:128 Resp: 524091
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.8 10.7 16.1



#32
Benzoic acid
Concen: 46.208 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:122 Resp: 103367
Ion Ratio Lower Upper
122 100
105 129.2 107.9 147.9
77 95.1 78.9 118.9

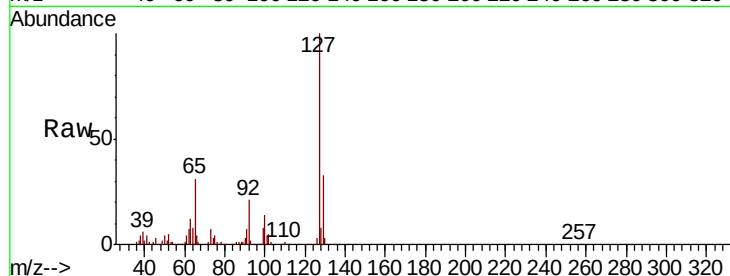




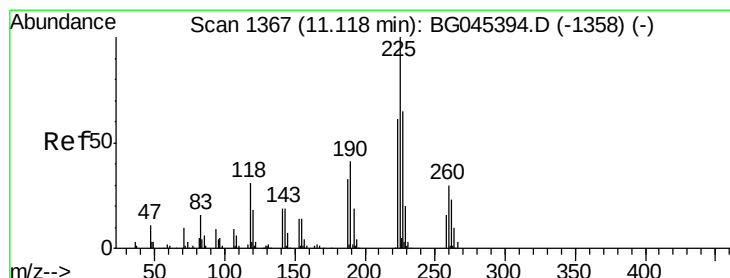
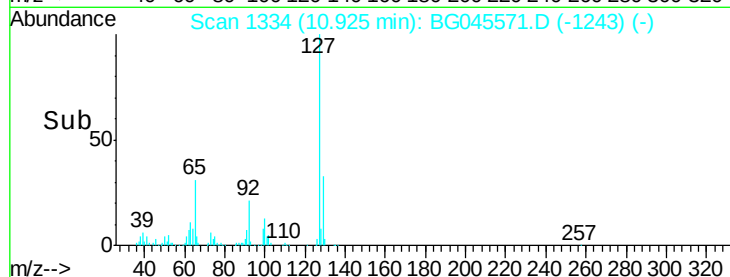
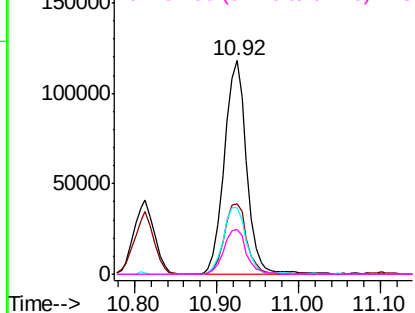
#33
4-Chloroaniline
Concen: 43.076 ng
RT: 10.92 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	223679
Ion	Ratio	Lower	Upper
127	100		
129	33.0	24.7	37.1
65	31.1	26.2	39.2
92	21.1	17.9	26.9

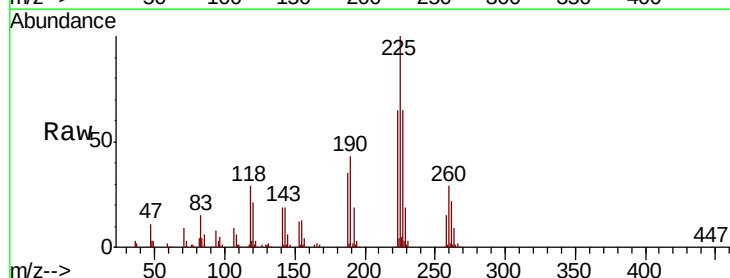


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

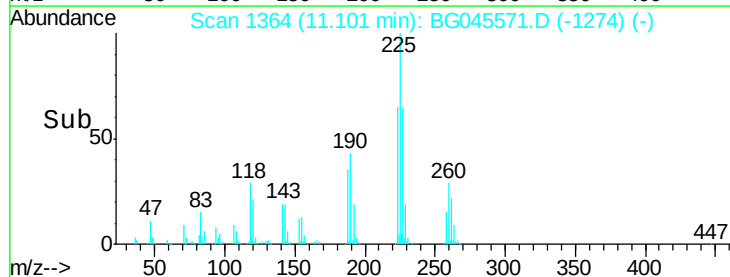
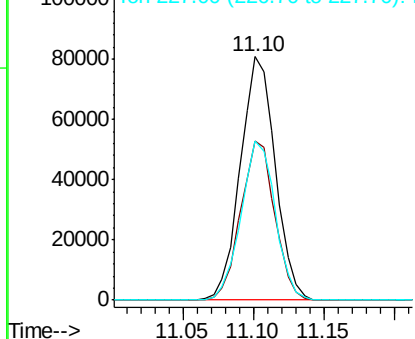


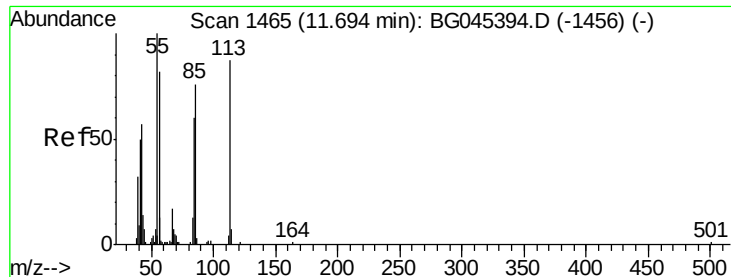
#34
Hexachlorobutadiene
Concen: 42.593 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:	225	Resp:	139610
Ion	Ratio	Lower	Upper
225	100		
223	65.4	49.1	73.7
227	65.3	52.0	78.0



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

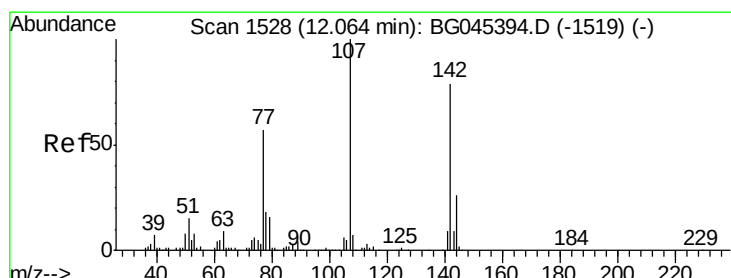
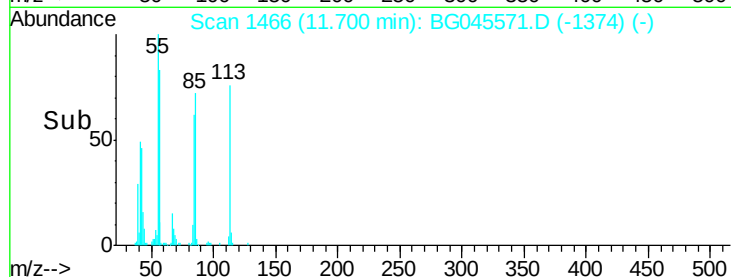
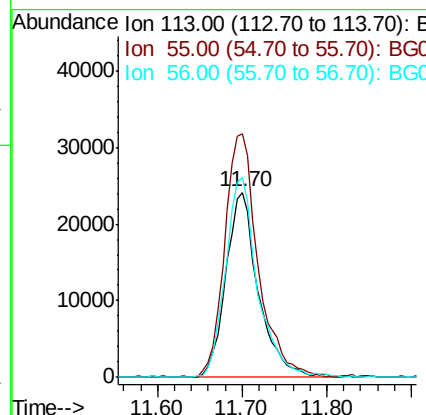
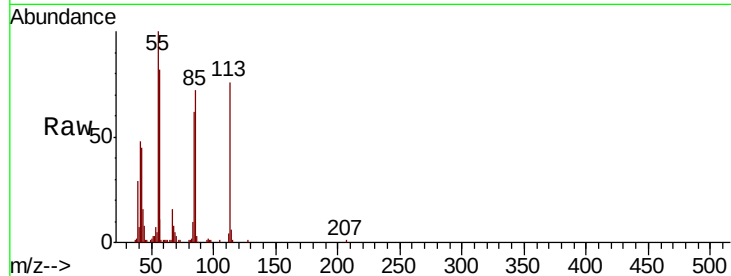




#35
 Caprolactam
 Concen: 44.543 ng
 RT: 11.70 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

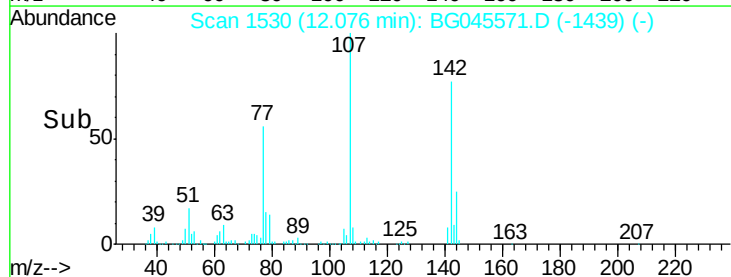
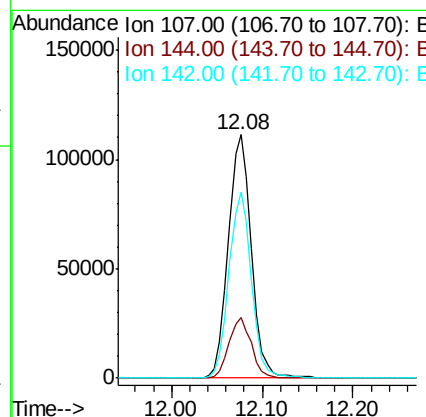
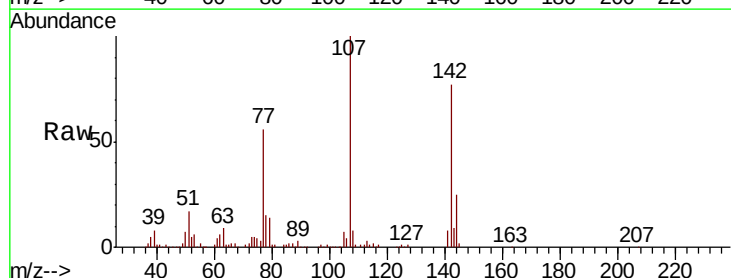
Instrument :
 BNA_G
 ClientSampleId :

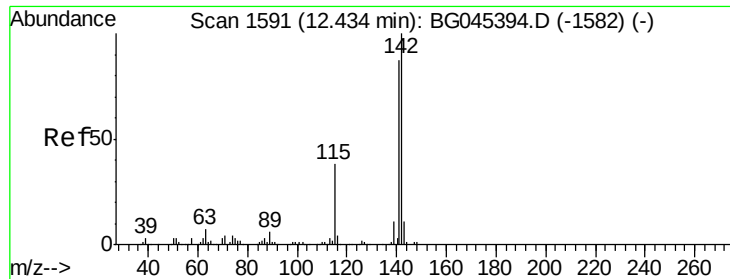
Tot Ion:113 Resp: 64159
 Ion Ratio Lower Upper
 113 100
 55 131.7 96.0 136.0
 56 108.5 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.409 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion:107 Resp: 196372
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.8 31.2
 142 76.6 62.8 94.2

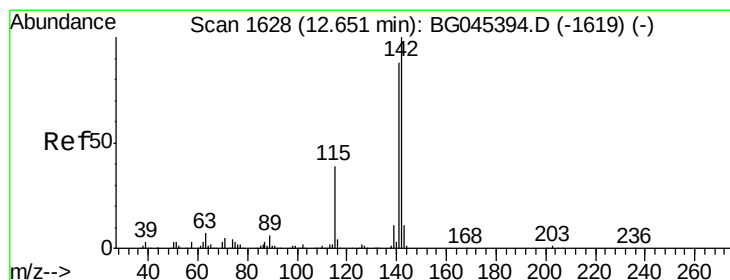
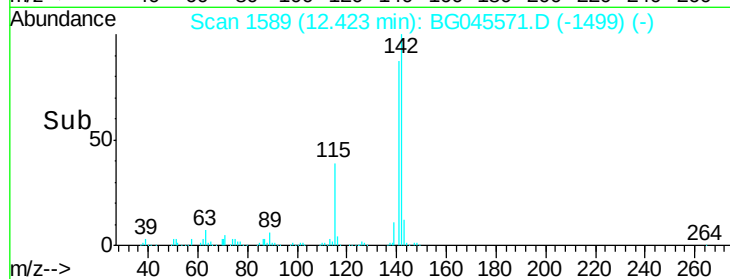
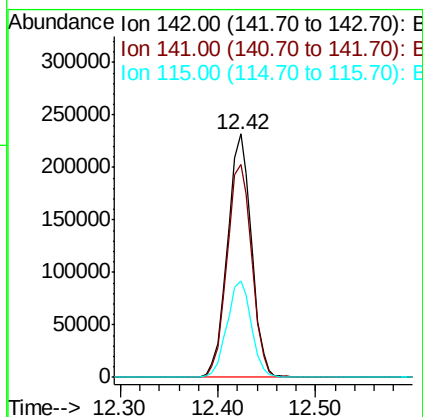
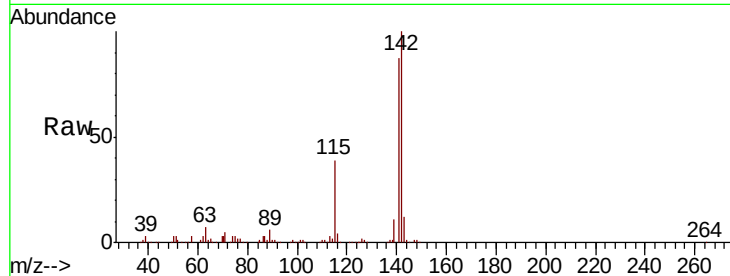




#37
 2-Methylnaphthalene
 Concen: 42.552 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

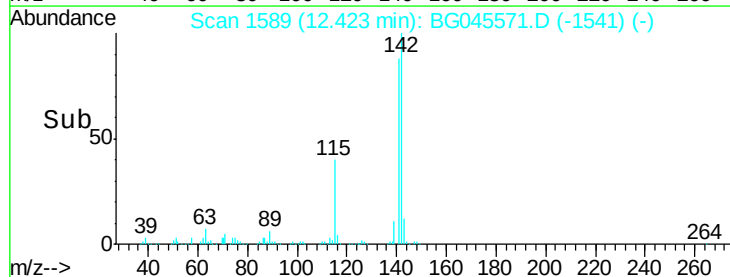
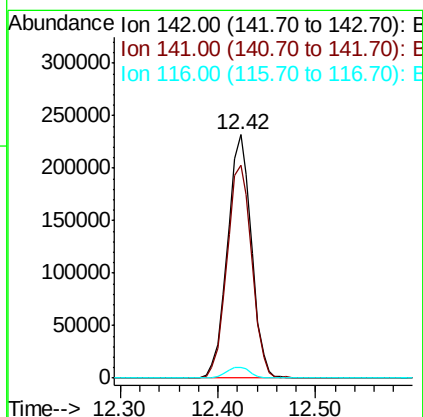
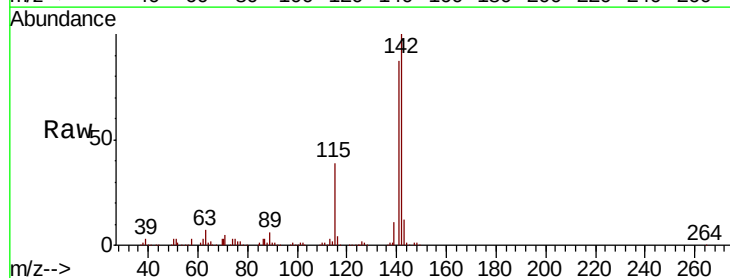
Instrument :
 BNA_G
 ClientSampleId :

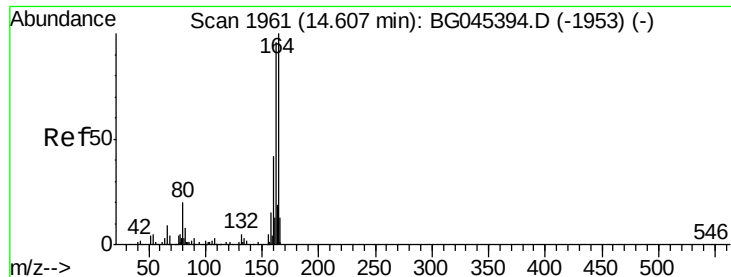
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.0	105.0
115	39.5	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 45.046 ng
 RT: 12.42 min Scan# 1589
 Delta R.T. -0.22 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.8	106.2
116	4.3	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1960

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

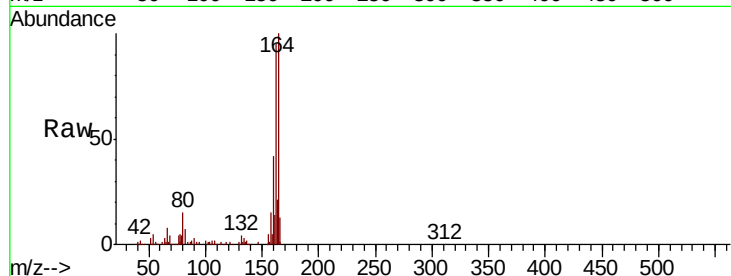
Tot Ion:164 Resp: 193390

Ion Ratio Lower Upper

164 100

162 95.2 76.9 115.3

160 41.6 33.8 50.8



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

150000

100000

50000

0

14.60

14.55

14.50

14.45

14.40

14.35

14.30

14.25

14.20

14.15

14.10

14.05

14.00

13.95

13.90

13.85

13.80

13.75

13.70

13.65

13.60

13.55

13.50

13.45

13.40

13.35

13.30

13.25

13.20

13.15

13.10

13.05

13.00

12.95

12.90

12.85

12.80

12.75

12.70

12.65

12.60

12.55

12.50

12.45

12.40

12.35

12.30

12.25

12.20

12.15

12.10

12.05

12.00

11.95

11.90

11.85

11.80

11.75

11.70

11.65

11.60

11.55

11.50

11.45

11.40

11.35

11.30

11.25

11.20

11.15

11.10

11.05

11.00

10.95

10.90

10.85

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10.70

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10.15

10.10

10.05

10.00

9.95

9.90

9.85

9.80

9.75

9.70

9.65

9.60

9.55

9.50

9.45

9.40

9.35

9.30

9.25

9.20

9.15

9.10

9.05

9.00

8.95

8.90

8.85

8.80

8.75

8.70

8.65

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8.55

8.50

8.45

8.40

8.35

8.30

8.25

8.20

8.15

8.10

8.05

8.00

7.95

7.90

7.85

7.80

7.75

7.70

7.65

7.60

7.55

7.50

7.45

7.40

7.35

7.30

7.25

7.20

7.15

7.10

7.05

7.00

6.95

6.90

6.85

6.80

6.75

6.70

6.65

6.60

6.55

6.50

6.45

6.40

6.35

6.30

6.25

6.20

6.15

6.10

6.05

6.00

5.95

5.90

5.85

5.80

5.75

5.70

5.65

5.60

5.55

5.50

5.45

5.40

5.35

5.30

5.25

5.20

5.15

5.10

5.05

5.00

4.95

4.90

4.85

4.80

4.75

4.70

4.65

4.60

4.55

4.50

4.45

4.40

4.35

4.30

4.25

4.20

4.15

4.10

4.05

4.00

3.95

3.90

3.85

3.80

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3.65

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3.50

3.45

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3.35

3.30

3.25

3.20

3.15

3.10

3.05

3.00

2.95

2.90

2.85

2.80

2.75

2.70

2.65

2.60

2.55

2.50

2.45

2.40

2.35

2.30

2.25

2.20

2.15

2.10

2.05

2.00

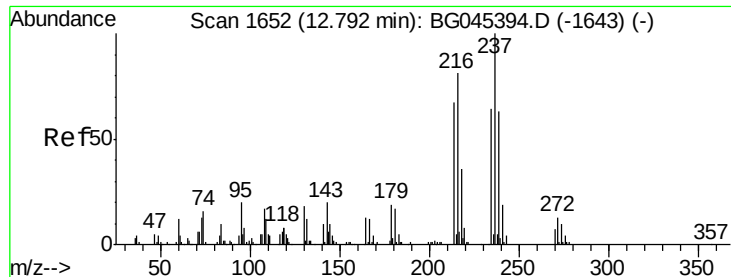
1.95

1.90

1.85

1.80

1.75



#41

Hexachlorocyclopentadiene

Concen: 45.245 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

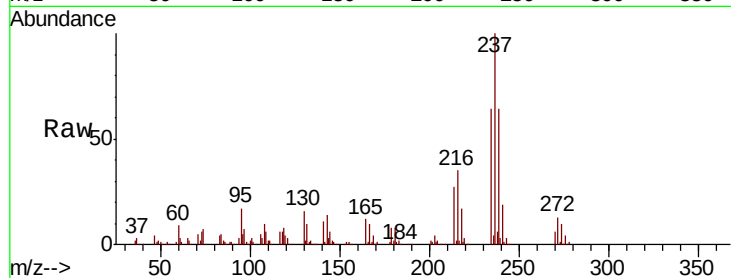
Tot Ion:237 Resp: 141064

Ion Ratio Lower Upper

237 100

235 64.4 44.4 84.4

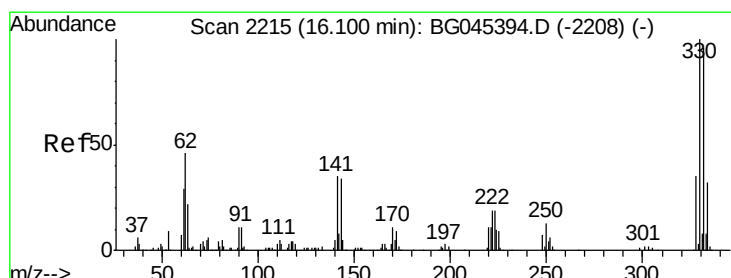
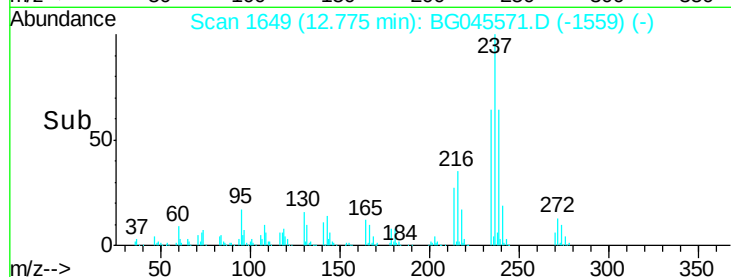
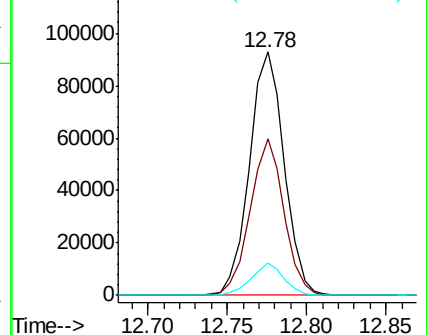
272 13.2 0.0 32.5



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: 85.612 ng

RT: 16.09 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

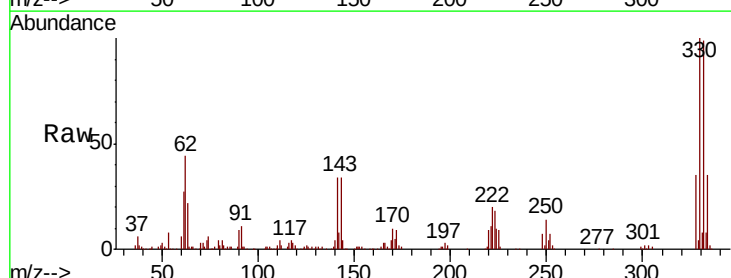
Tgt Ion:330 Resp: 211740

Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

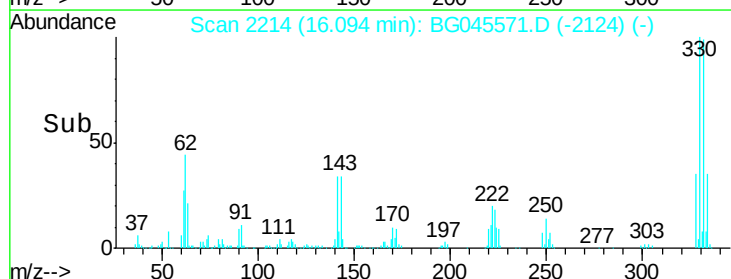
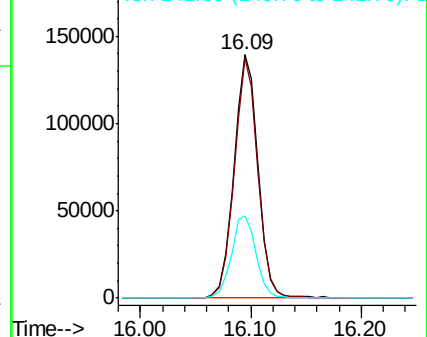
141 34.9 28.2 42.4

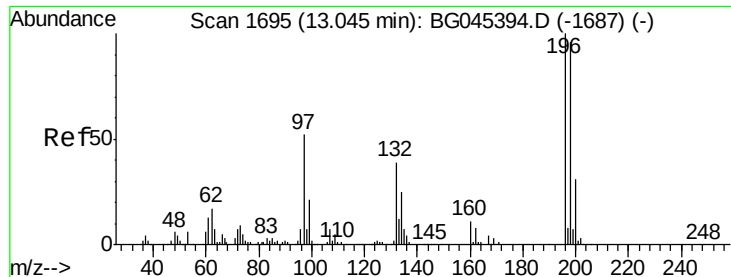


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

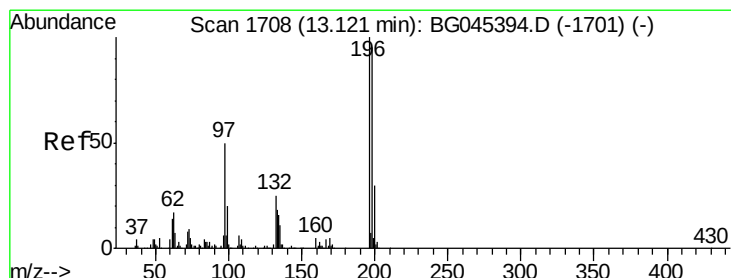
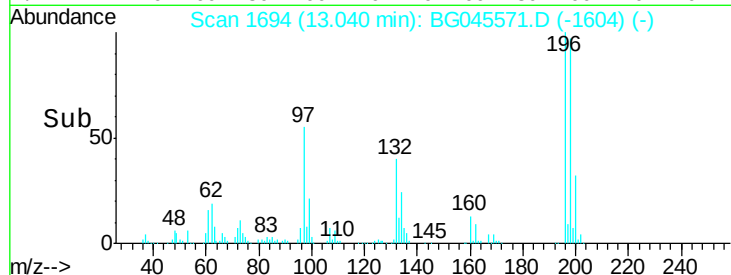
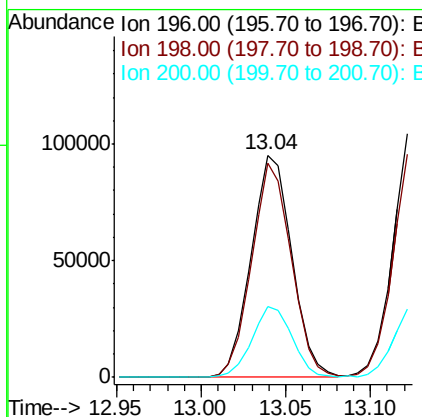
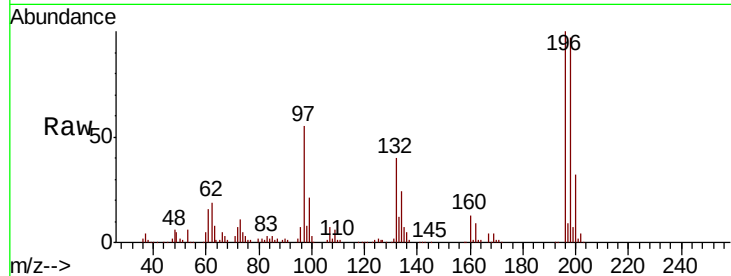




#43
 2,4,6-Trichlorophenol
 Concen: 42.331 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

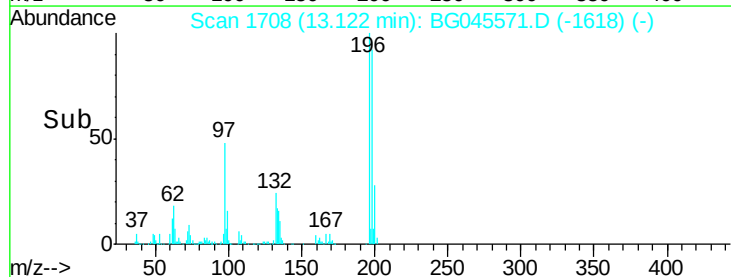
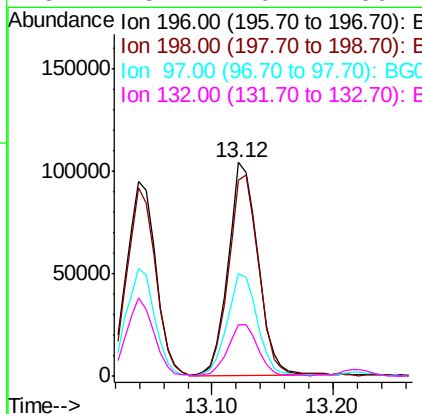
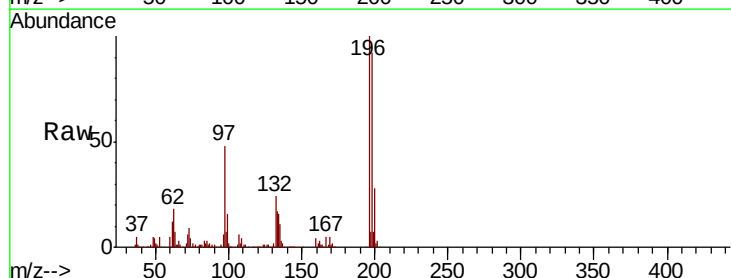
Instrument :
 BNA_G
 ClientSampled :

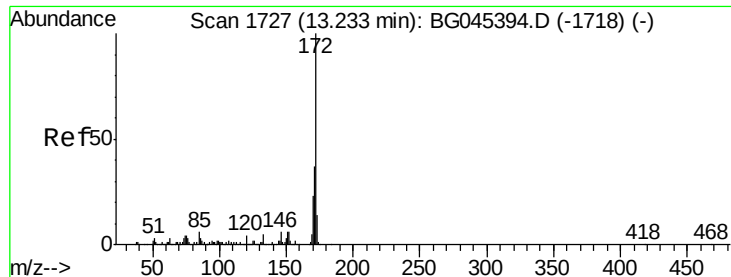
Tot Ion:196 Resp: 158839
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.7 115.1
 200 31.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.636 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion:196 Resp: 178533
 Ion Ratio Lower Upper
 196 100
 198 91.7 76.1 114.1
 97 48.2 40.0 60.0
 132 23.7 20.2 30.2

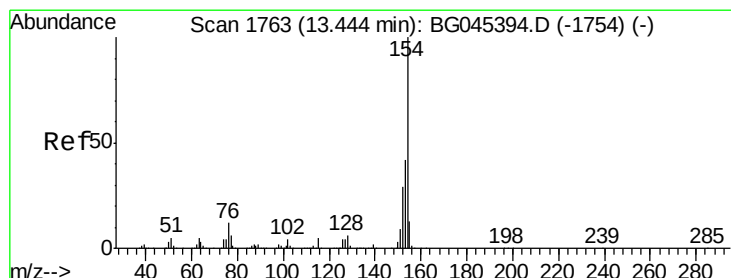
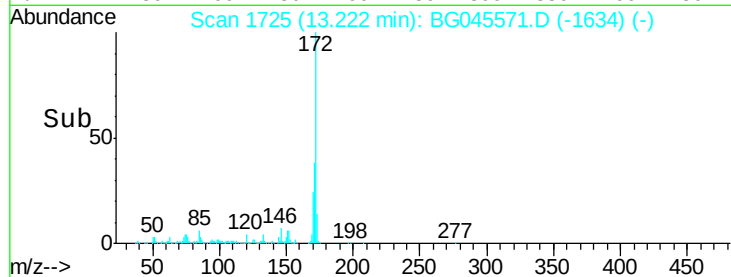
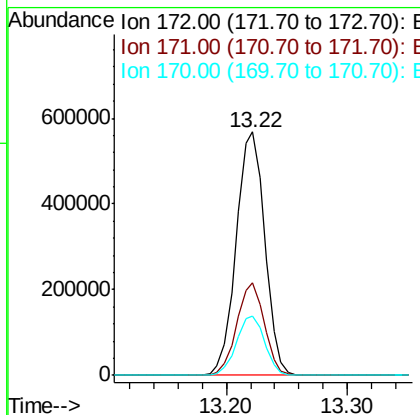
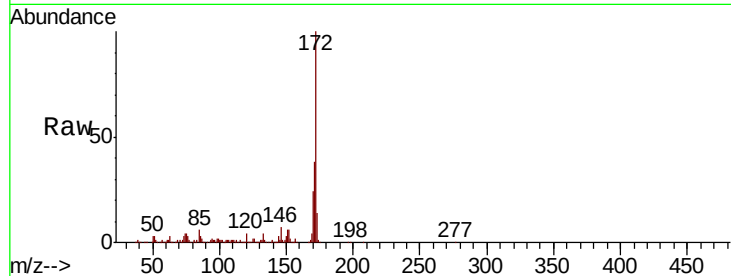




#45
2-Fluorobiphenyl
Concen: 82.235 ng
RT: 13.22 min Scan# 1725
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

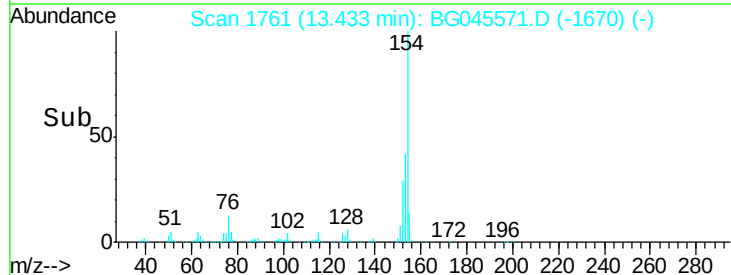
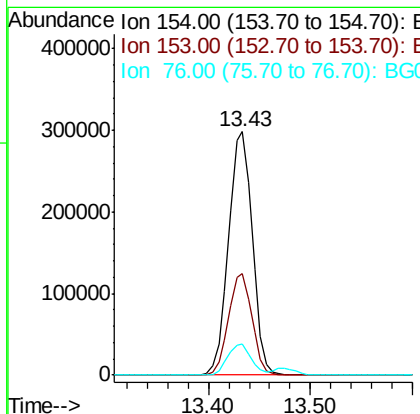
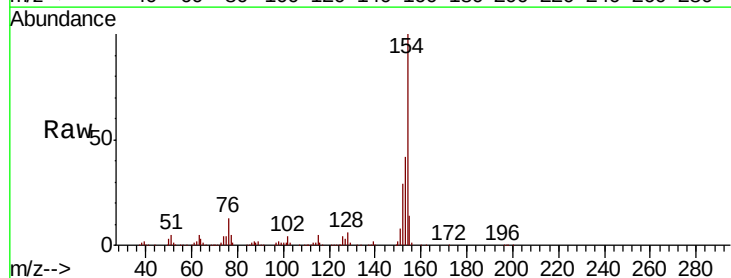
Instrument :
BNA_G
ClientSampleId :

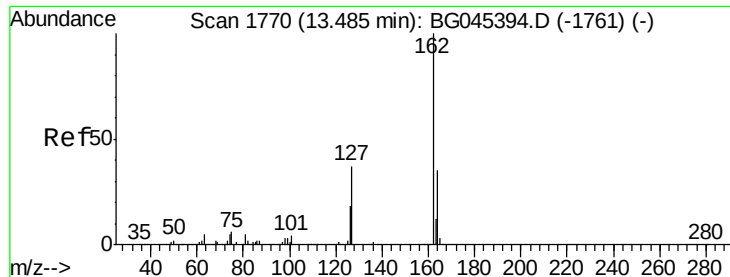
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.5	44.3
170	24.3	18.5	27.7



#46
1,1'-Biphenyl
Concen: 40.928 ng
RT: 13.43 min Scan# 1761
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	22.2	62.2
76	12.5	0.0	32.4

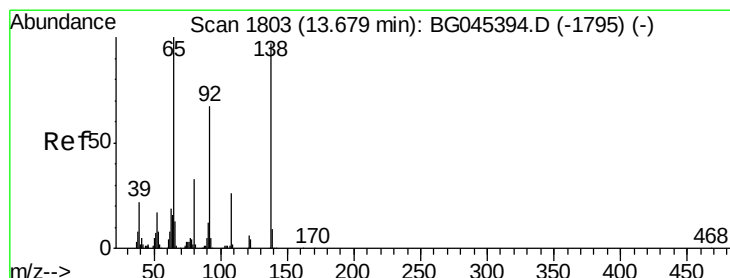
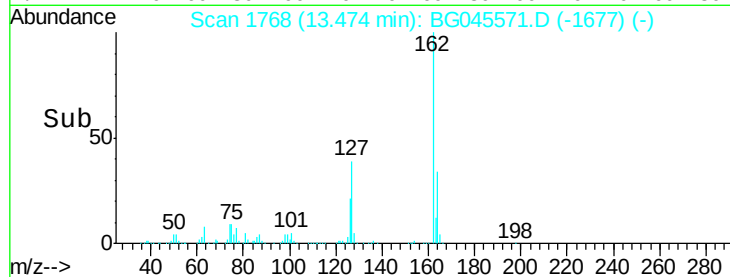
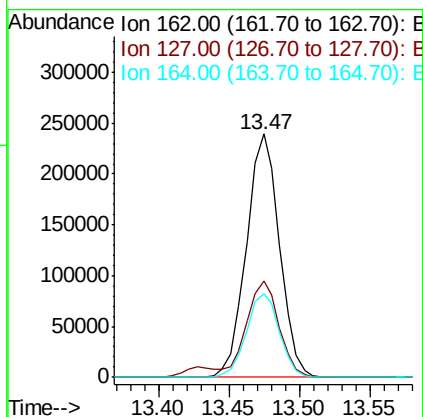
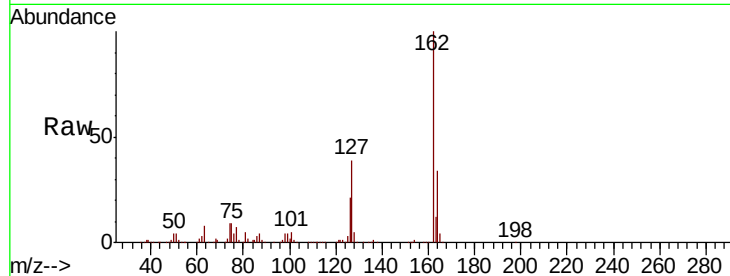




#47
2-Chloronaphthalene
Concen: 40.814 ng
RT: 13.47 min Scan# 1768
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

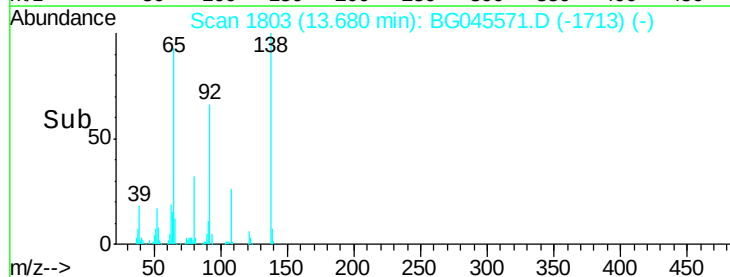
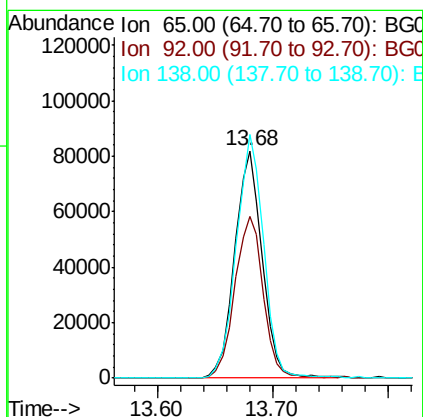
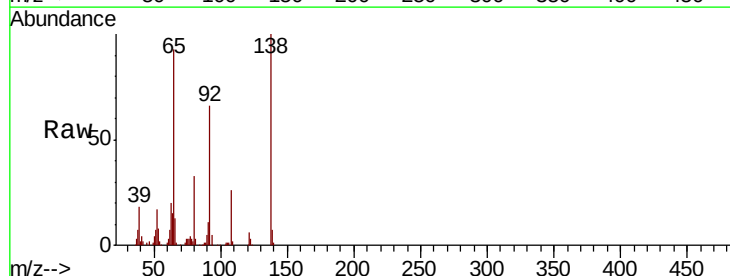
Instrument :
BNA_G
ClientSampleId :

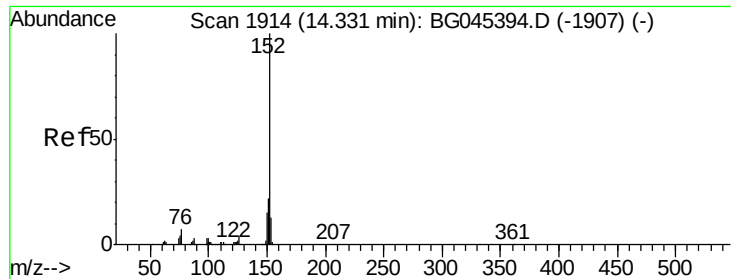
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.6	47.4
164	34.4	28.1	42.1



#48
2-Nitroaniline
Concen: 42.495 ng
RT: 13.68 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.2	53.8	80.8
138	107.1	77.9	116.9





#49

Acenaphthylene

Concen: 41.086 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampled :

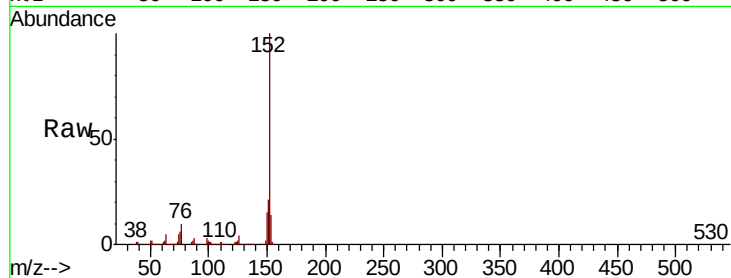
Tot Ion:152 Resp: 636814

Ion Ratio Lower Upper

152 100

151 20.6 17.4 26.2

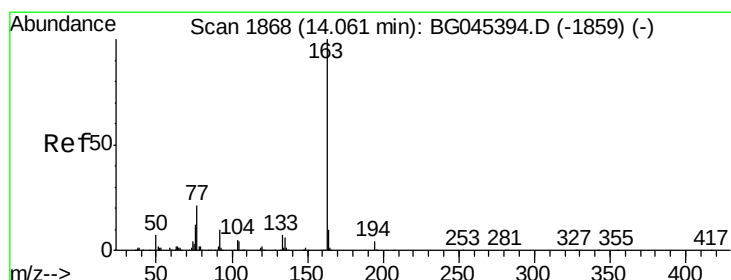
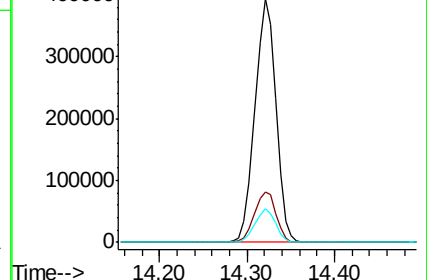
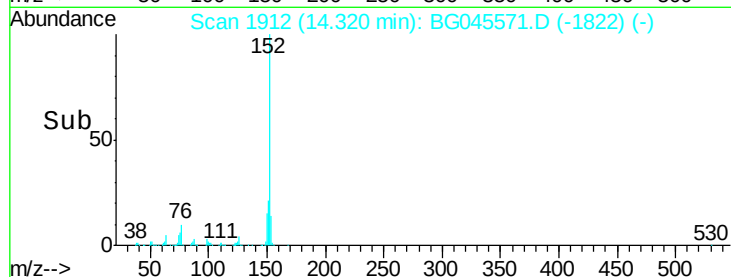
153 13.7 10.7 16.1



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: 42.122 ng

RT: 14.06 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

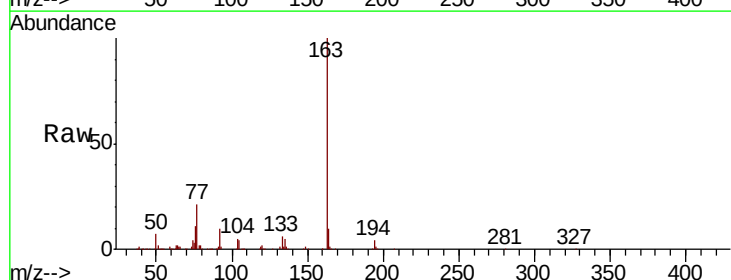
Tgt Ion:163 Resp: 558808

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

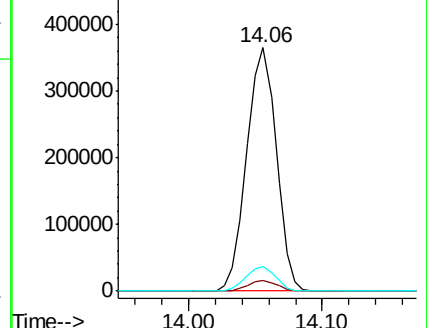
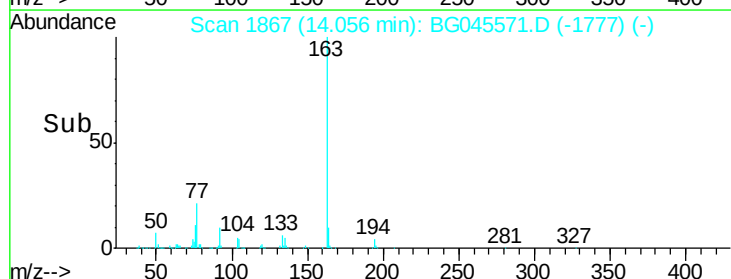
164 10.2 8.3 12.5

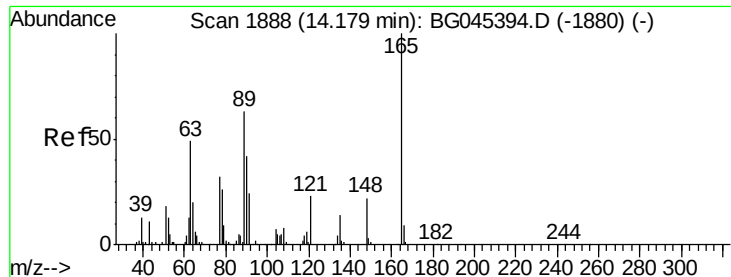


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

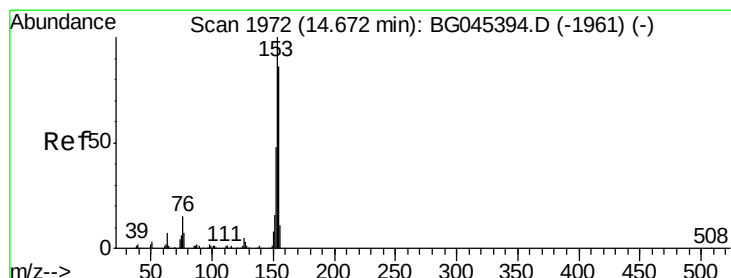
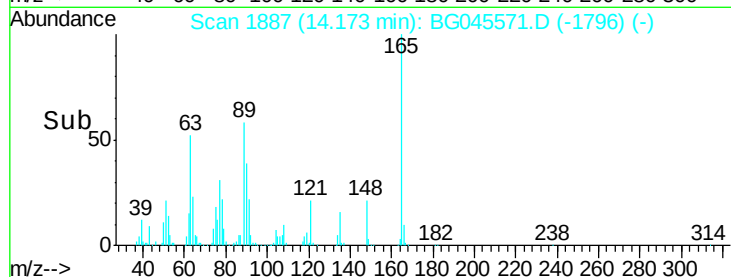
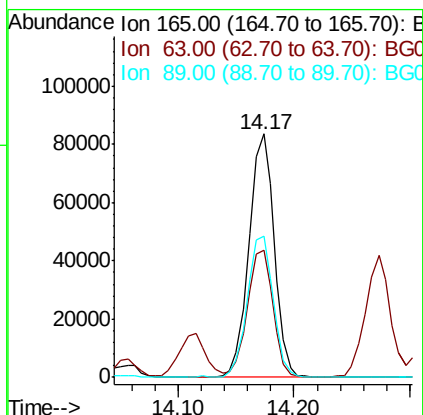
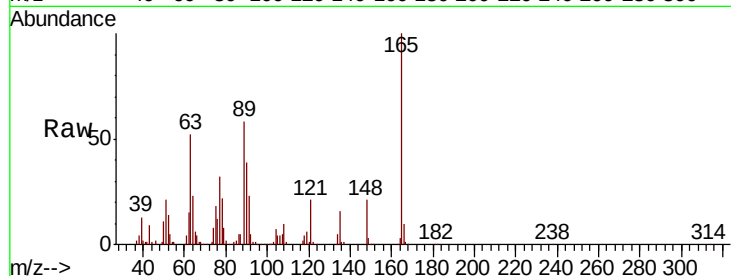




#51
 2,6-Dinitrotoluene
 Concen: 42.632 ng
 RT: 14.17 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

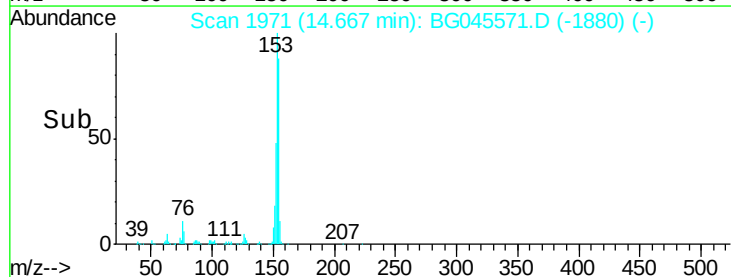
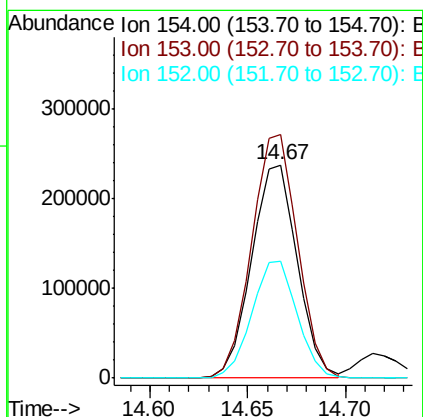
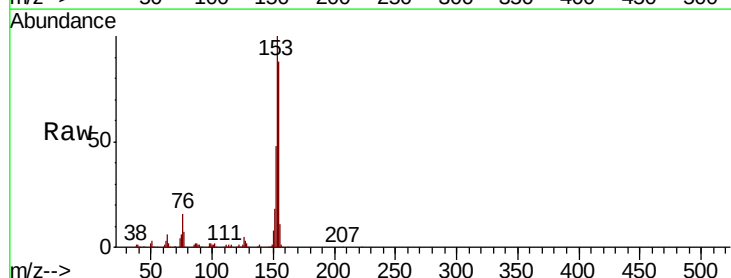
Instrument :
 BNA_G
 ClientSampleId :

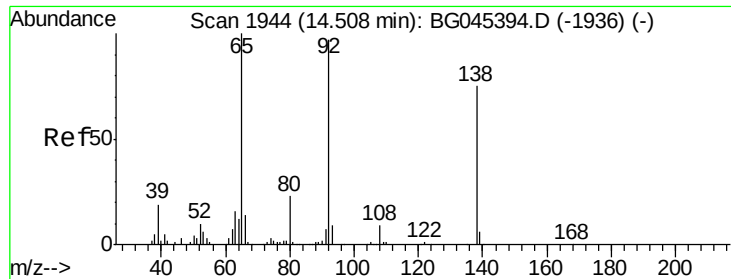
Tot Ion:165 Resp: 127621
 Ion Ratio Lower Upper
 165 100
 63 52.4 45.0 67.4
 89 58.0 50.2 75.4



#52
 Acenaphthene
 Concen: 36.886 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion:154 Resp: 382694
 Ion Ratio Lower Upper
 154 100
 153 114.1 92.8 139.2
 152 54.8 44.6 66.8

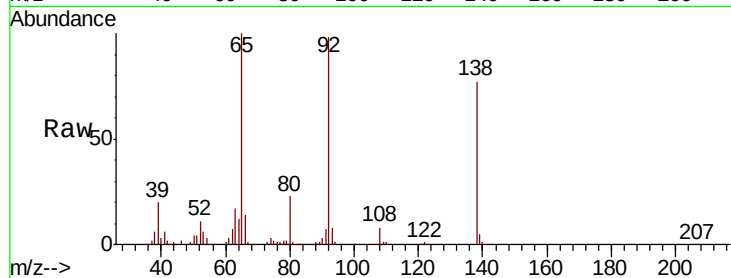




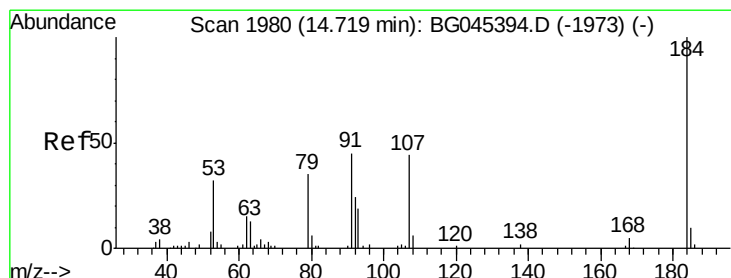
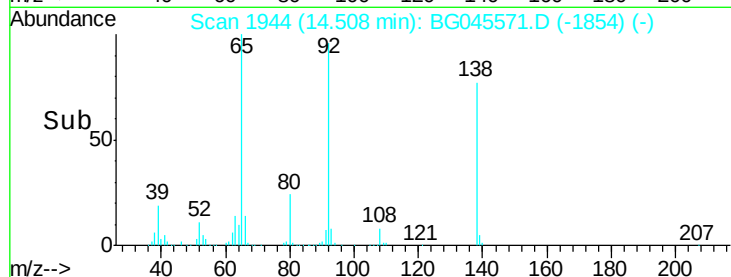
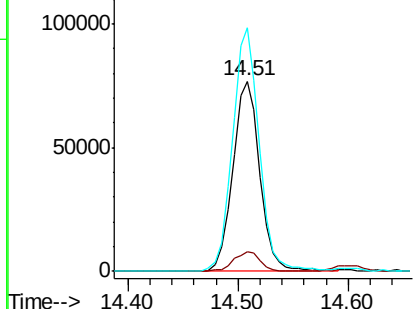
#53
3-Nitroaniline
Concen: 43.377 ng
RT: 14.51 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 132001
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 128.1 103.0 154.4

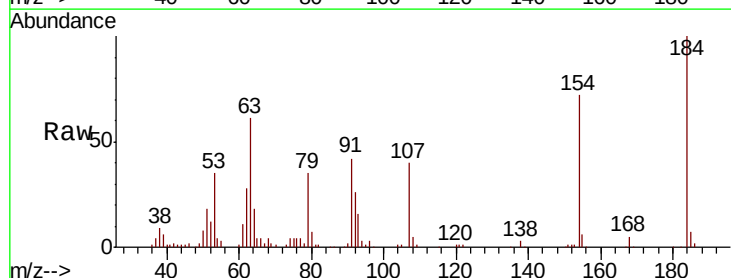


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

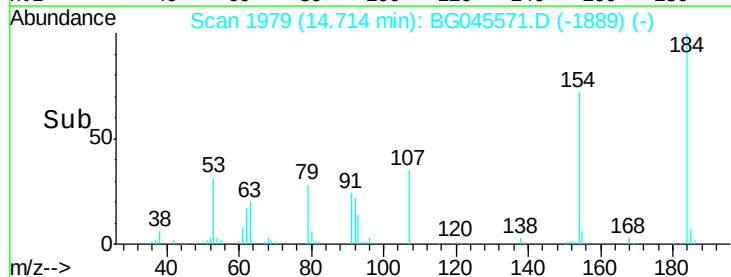
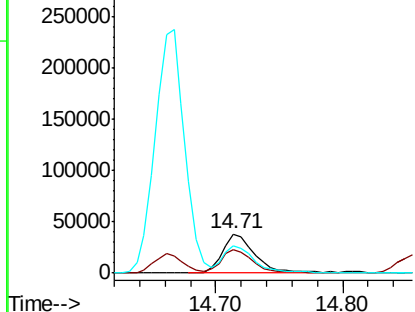


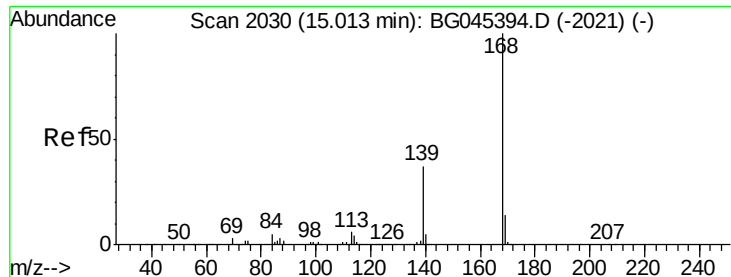
#54
2,4-Dinitrophenol
Concen: 38.088 ng
RT: 14.71 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:184 Resp: 68671
Ion Ratio Lower Upper
184 100
63 61.1 47.8 71.6
154 71.6 58.3 87.5



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

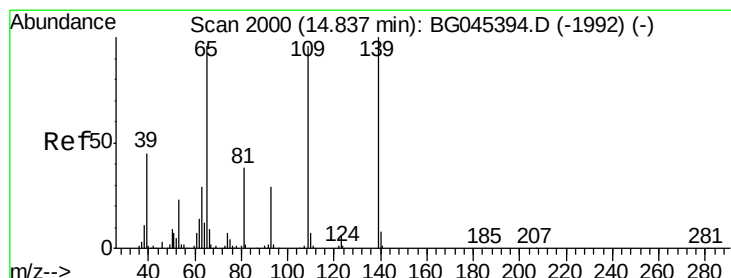
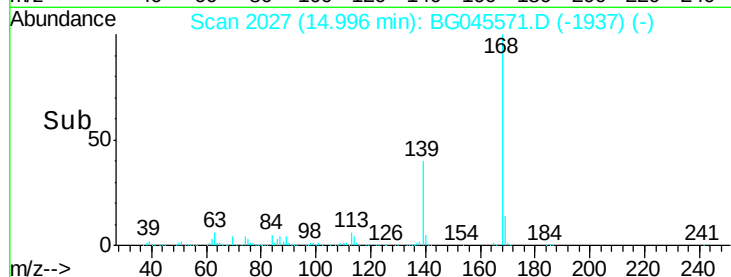
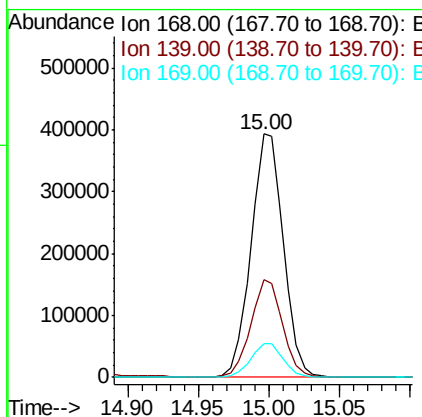
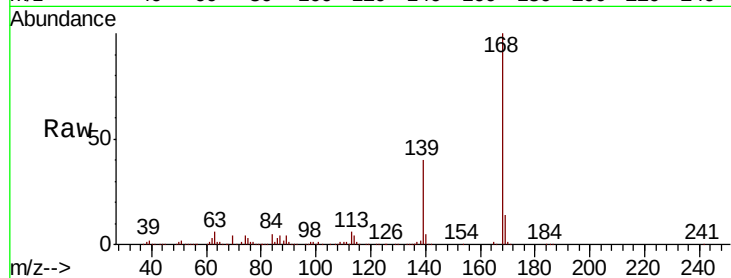




#55
Dibenzofuran
Concen: 40.934 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

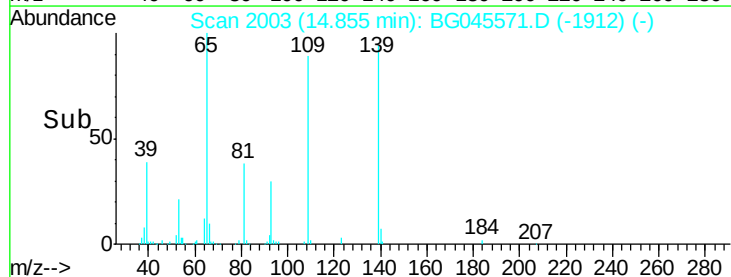
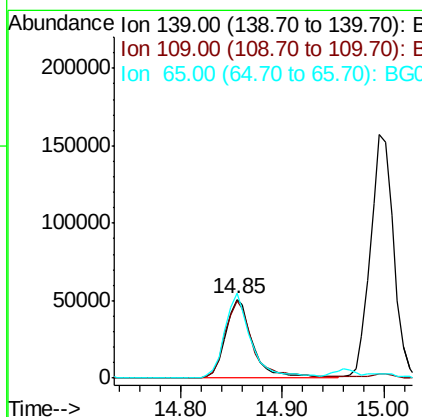
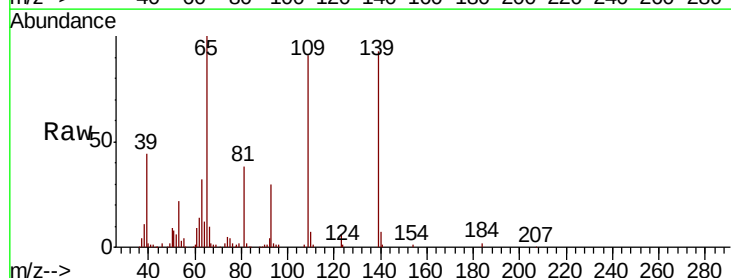
Instrument :
BNA_G
ClientSampleId :

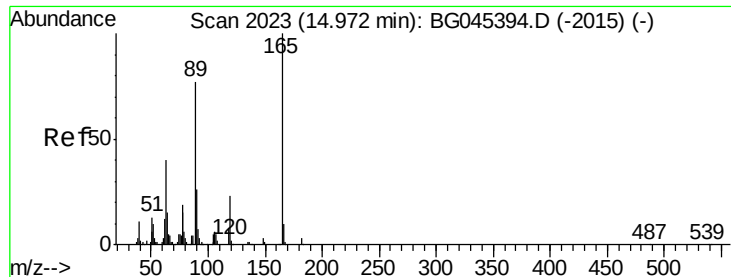
Tot Ion:168 Resp: 630672
Ion Ratio Lower Upper
168 100
139 40.0 29.9 44.9
169 14.1 10.9 16.3



#56
4-Nitrophenol
Concen: 41.298 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:139 Resp: 95148
Ion Ratio Lower Upper
139 100
109 98.2 75.6 115.6
65 107.6 76.8 116.8

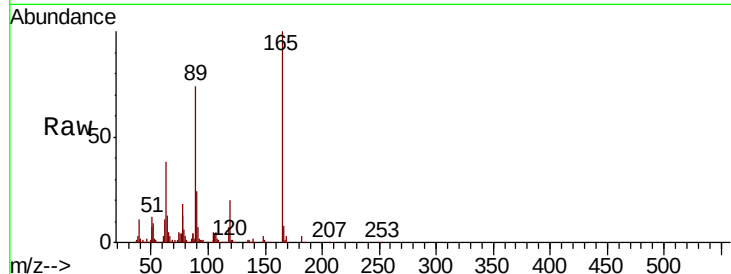




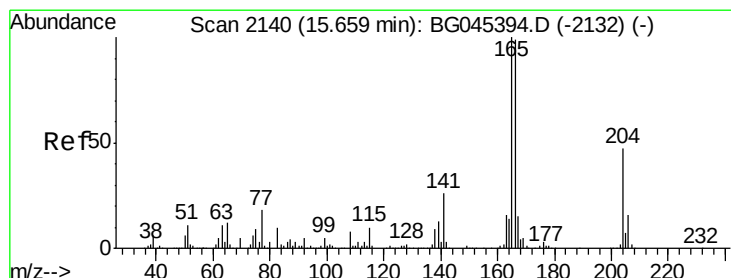
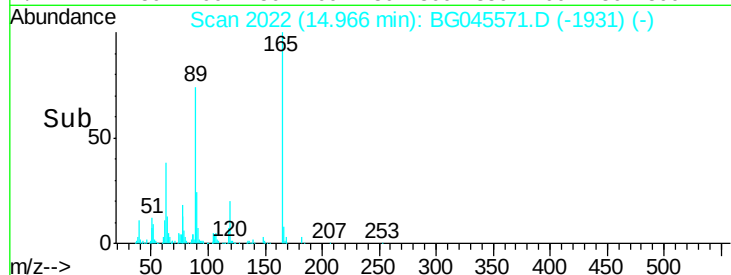
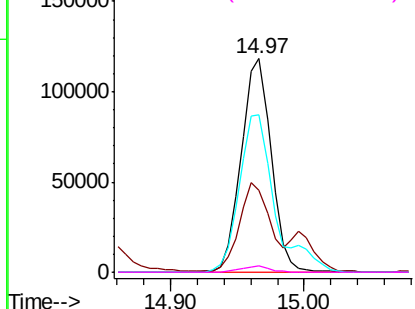
#57
2,4-Dinitrotoluene
Concen: 42.472 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 184136
Ion Ratio Lower Upper
165 100
63 38.4 32.5 48.7
89 73.7 61.8 92.6
182 3.0 2.3 3.5

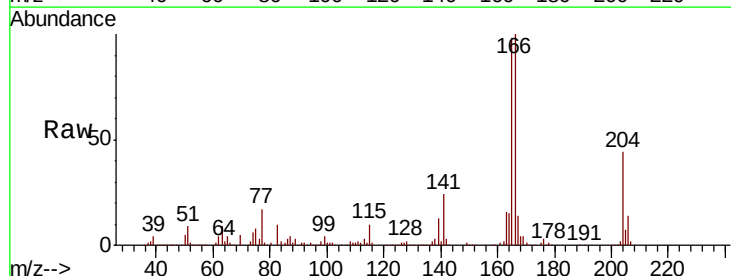


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

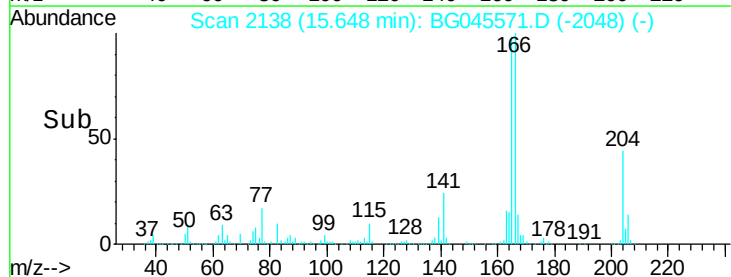
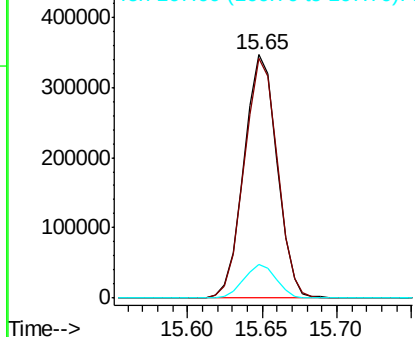


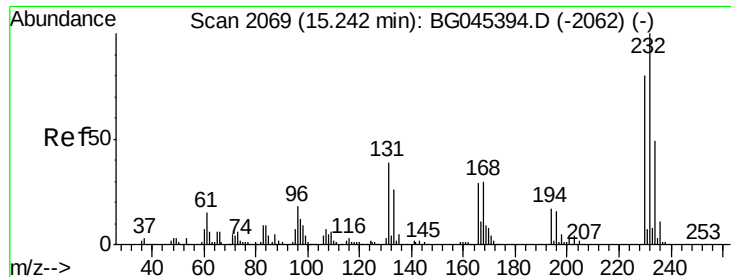
#58
Fluorene
Concen: 41.945 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:166 Resp: 530919
Ion Ratio Lower Upper
166 100
165 98.5 80.8 121.2
167 13.9 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

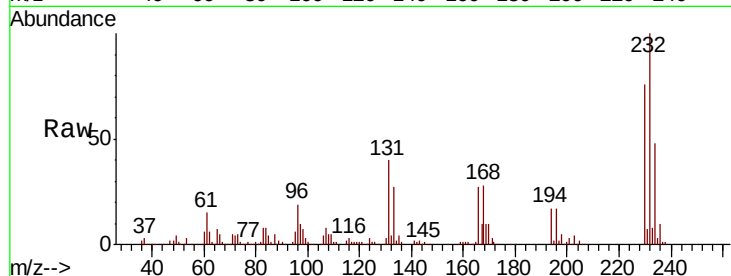




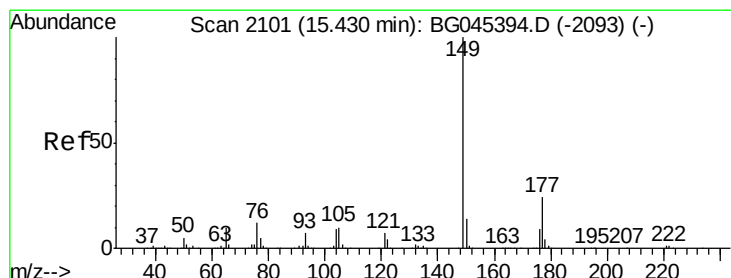
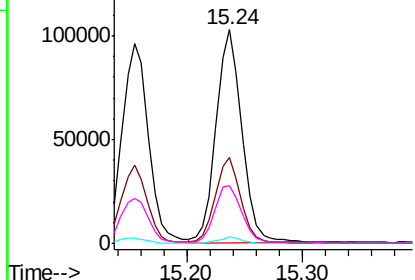
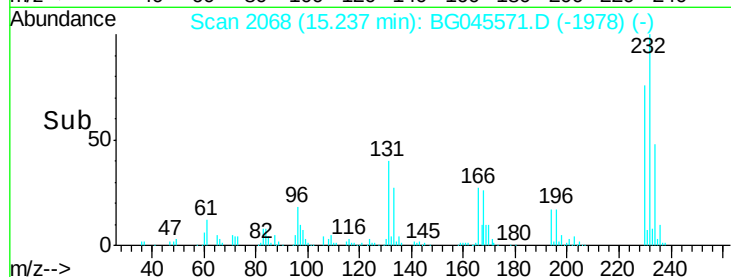
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.065 ng
 RT: 15.24 min Scan# 2068
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	158689
Ion	Ratio	Lower Upper
232	100	
131	39.8	33.7 50.5
130	2.6	2.1 3.1
166	28.8	23.2 34.8

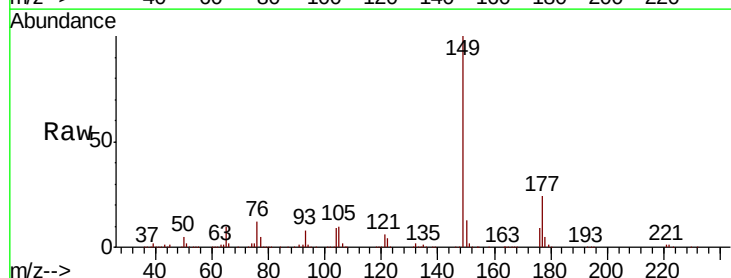


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

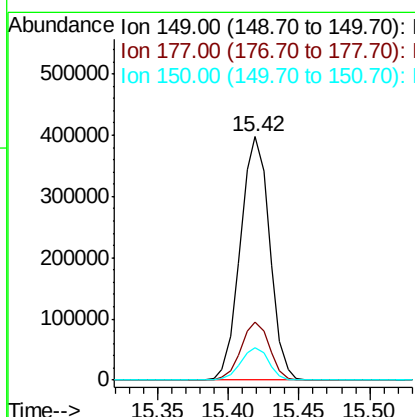
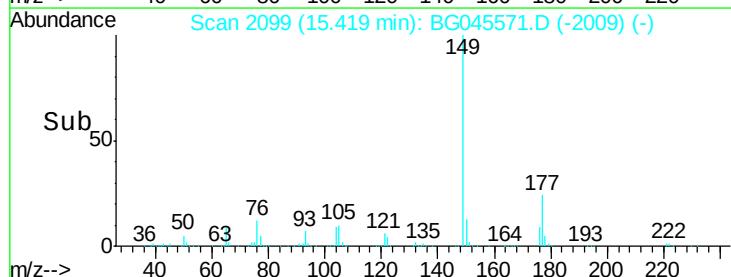


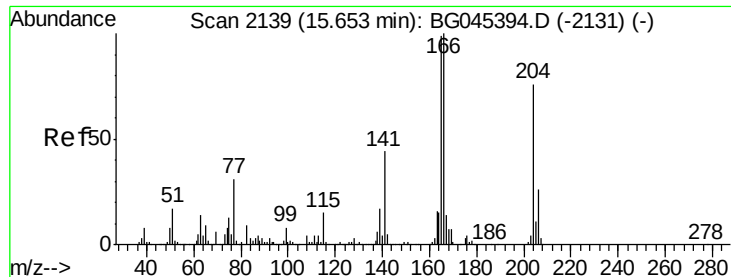
#60
 Diethylphthalate
 Concen: 41.872 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion:149	Resp:	578172
Ion	Ratio	Lower Upper
149	100	
177	24.1	19.0 28.4
150	13.4	11.4 17.0



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

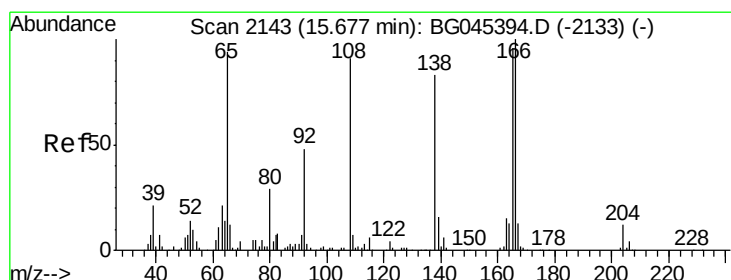
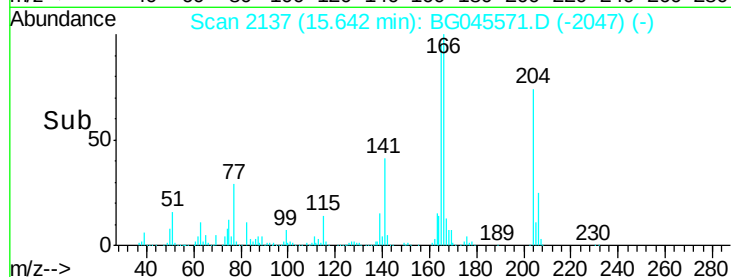
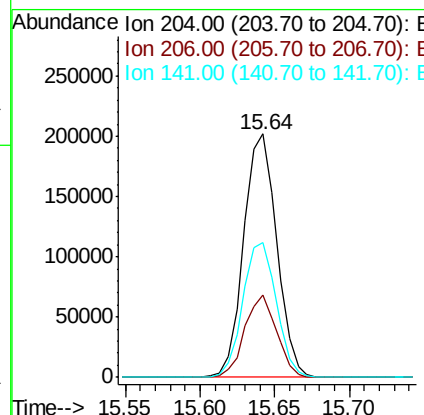
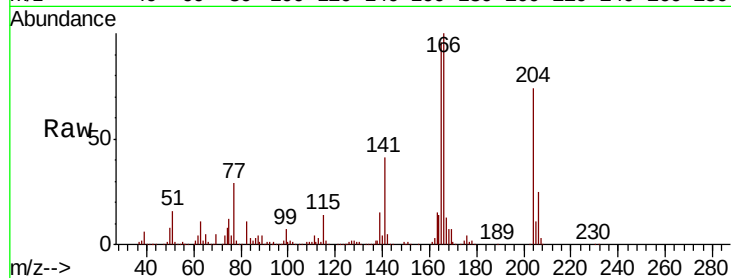




#61
4-Chlorophenyl-phenylether
Concen: 42.741 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

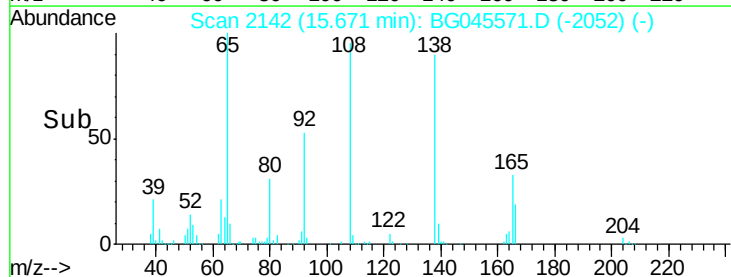
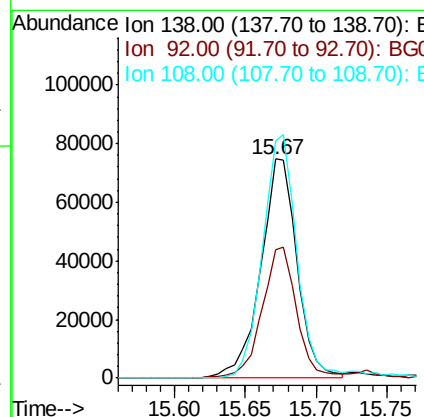
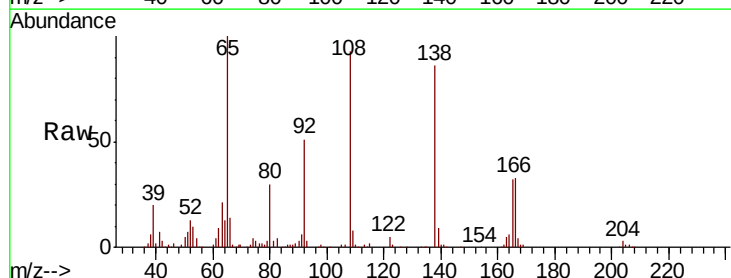
Instrument :
BNA_G
ClientSampleId :

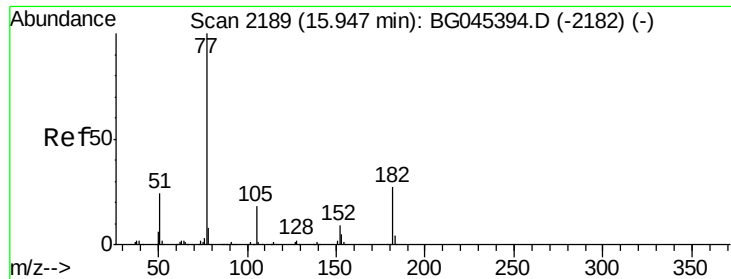
Tot Ion:204 Resp: 309579
Ion Ratio Lower Upper
204 100
206 34.1 27.3 40.9
141 55.3 45.9 68.9



#62
4-Nitroaniline
Concen: 42.573 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:138 Resp: 135249
Ion Ratio Lower Upper
138 100
92 58.9 38.0 78.0
108 108.2 89.3 129.3





#63

Azobenzene

Concen: 41.970 ng

RT: 15.94 min Scan# 2187

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 540380

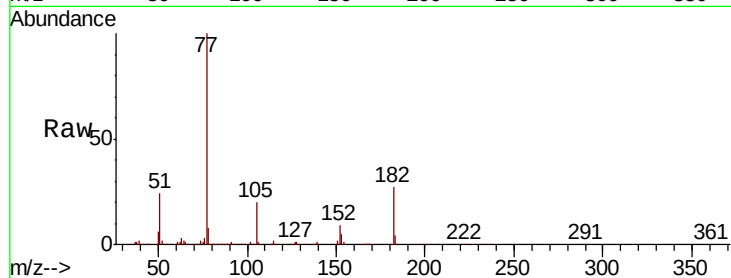
Ion Ratio Lower Upper

77 100

182 27.4 6.5 46.5

105 19.6 0.0 37.9

51 23.8 4.1 44.1

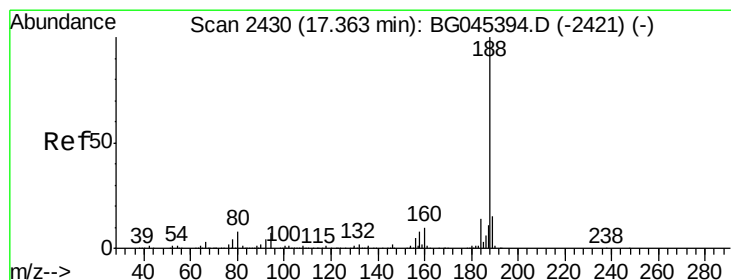
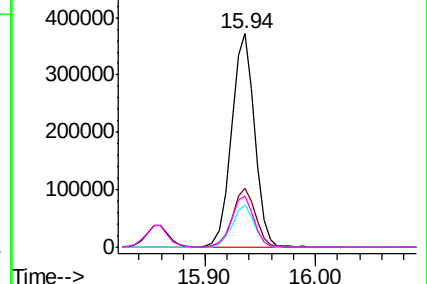
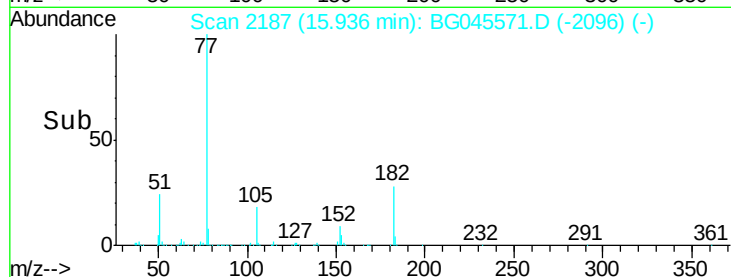


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

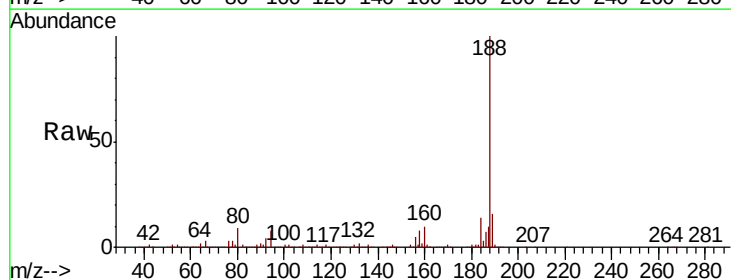
Tgt Ion: 188 Resp: 476208

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

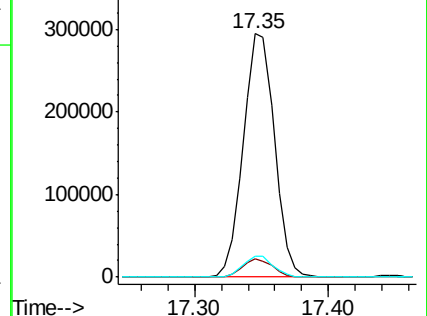
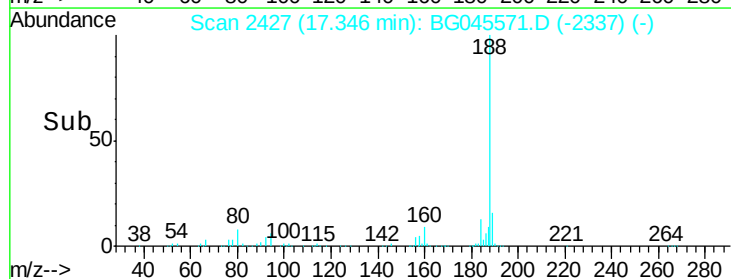
80 8.8 6.6 10.0

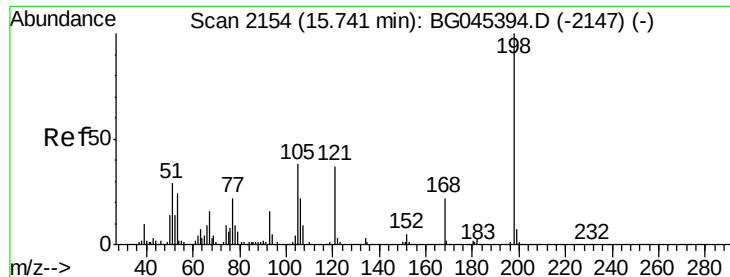


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 41.515 ng

RT: 15.74 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

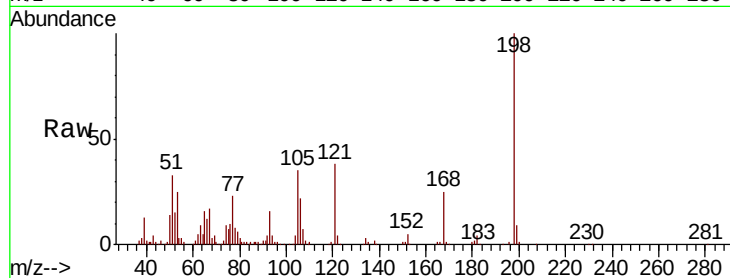
Tot Ion:198 Resp: 115138

Ion Ratio Lower Upper

198 100

51 32.6 10.0 50.0

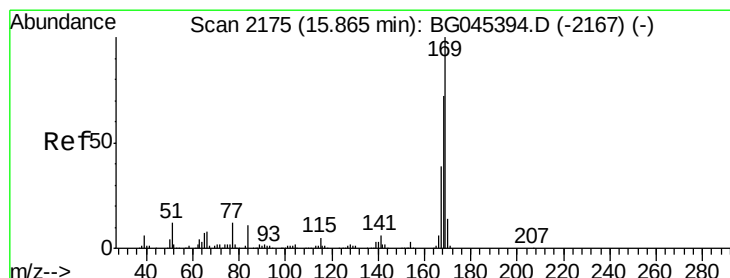
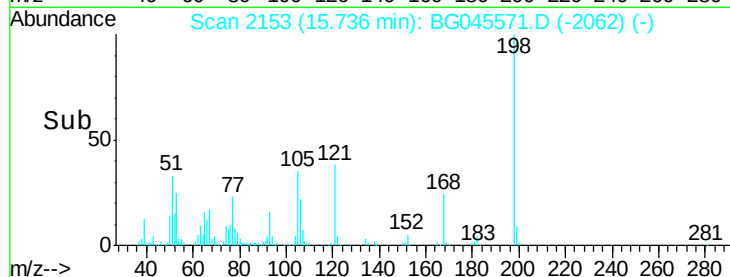
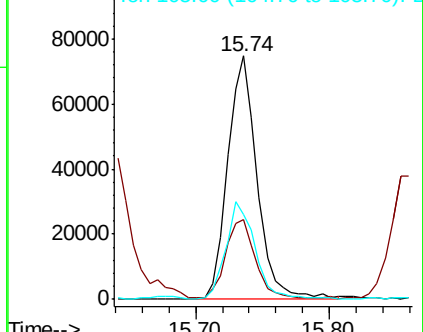
105 34.9 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.958 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

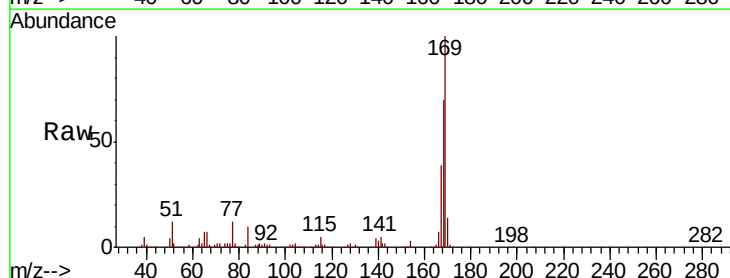
Tgt Ion:169 Resp: 468298

Ion Ratio Lower Upper

169 100

168 70.2 57.8 86.6

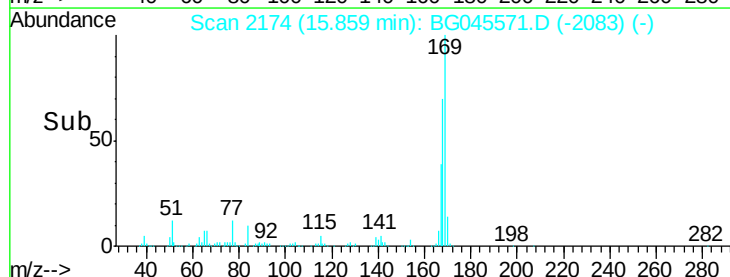
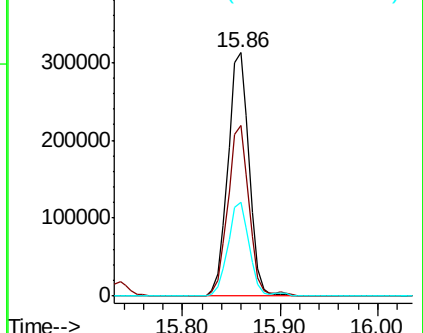
167 38.8 31.5 47.3

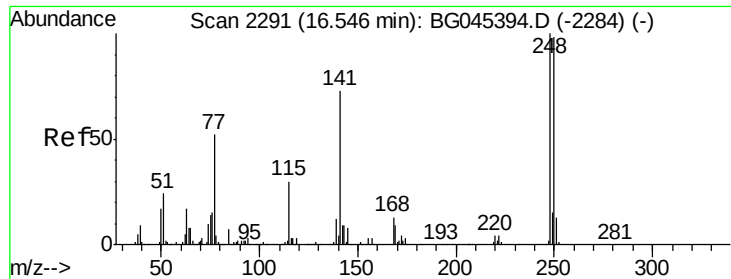


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

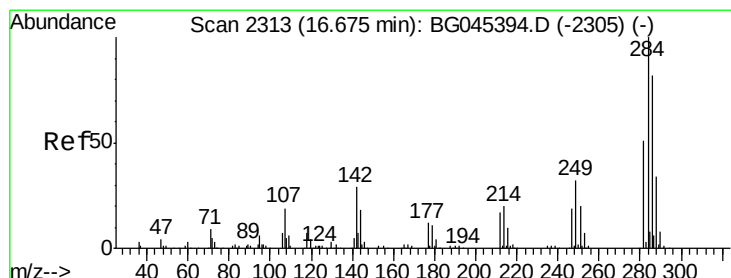
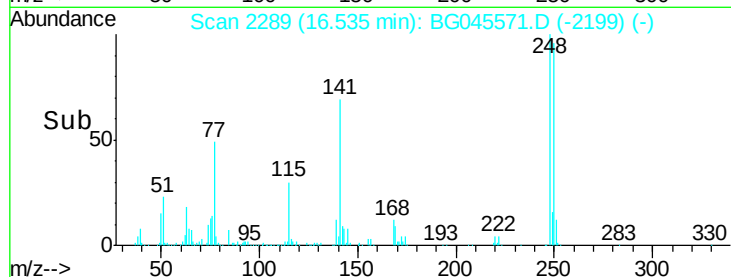
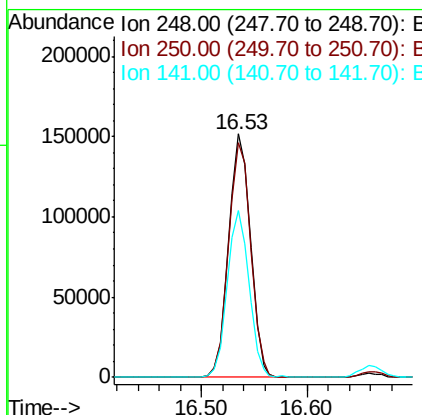
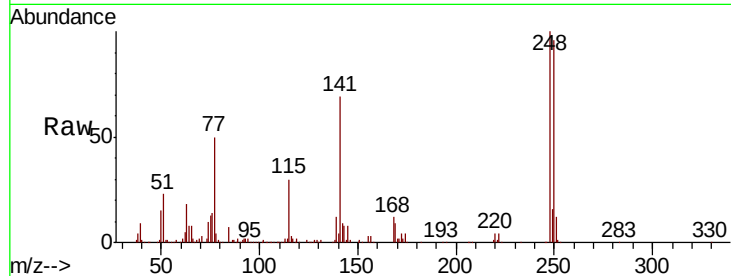




#67
4-Bromophenyl-phenylether
Concen: 41.842 ng
RT: 16.53 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

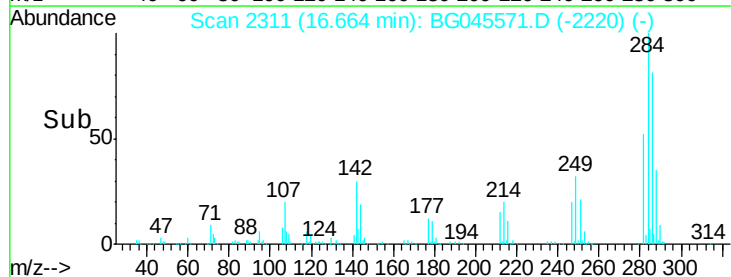
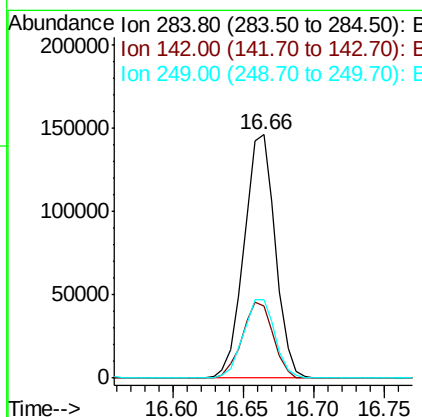
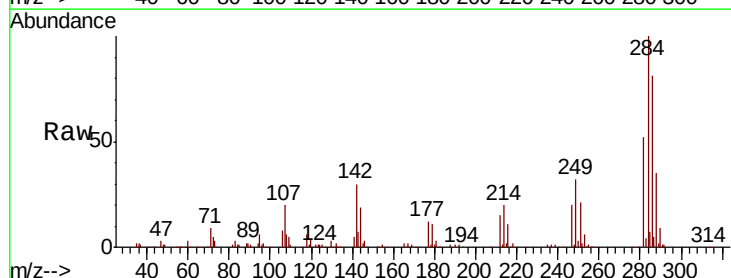
Instrument :
BNA_G
ClientSampleId :

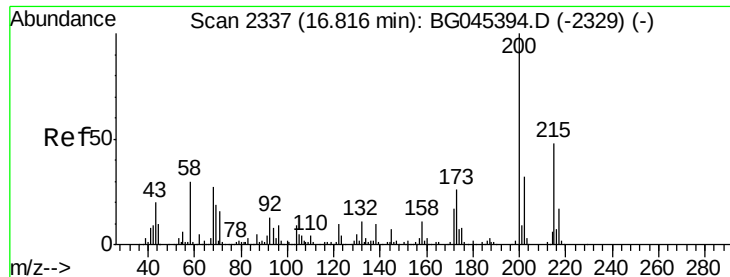
Tot Ion:248 Resp: 215760
Ion Ratio Lower Upper
248 100
250 96.2 78.6 117.8
141 68.6 58.2 87.2



#68
Hexachlorobenzene
Concen: 41.820 ng
RT: 16.66 min Scan# 2311
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:284 Resp: 225551
Ion Ratio Lower Upper
284 100
142 29.8 23.0 34.6
249 32.3 25.8 38.6





#69

Atrazine

Concen: 40.634 ng

RT: 16.81 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

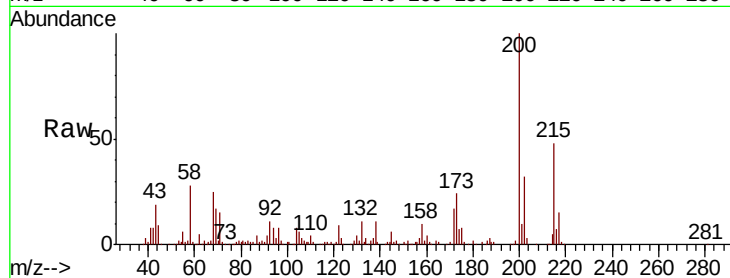
Tot Ion:200 Resp: 191361

Ion Ratio Lower Upper

200 100

173 23.6 5.5 45.5

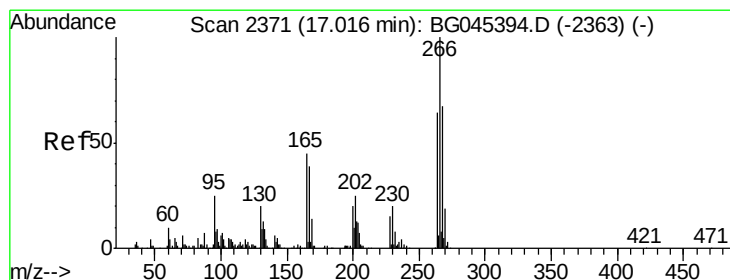
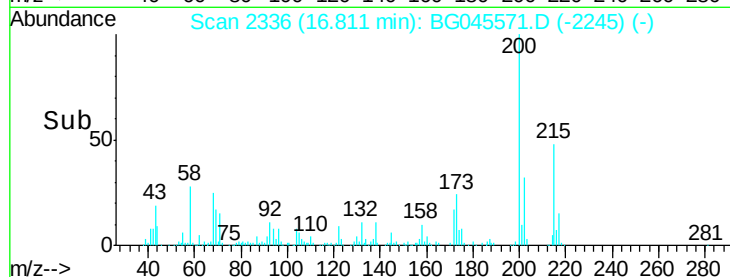
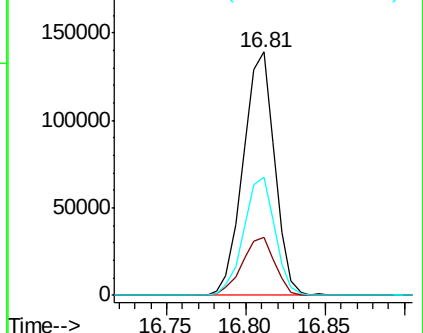
215 48.3 28.2 68.2



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: 41.364 ng

RT: 17.01 min Scan# 2370

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

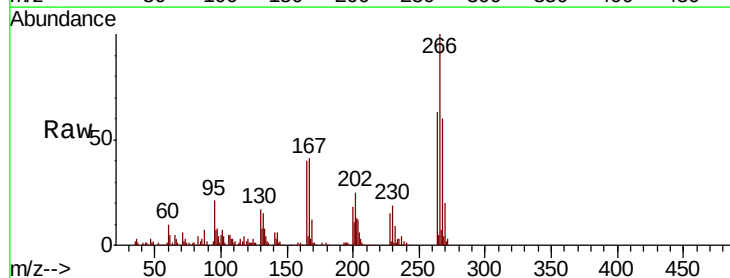
Tgt Ion:266 Resp: 115837

Ion Ratio Lower Upper

266 100

268 59.9 53.2 79.8

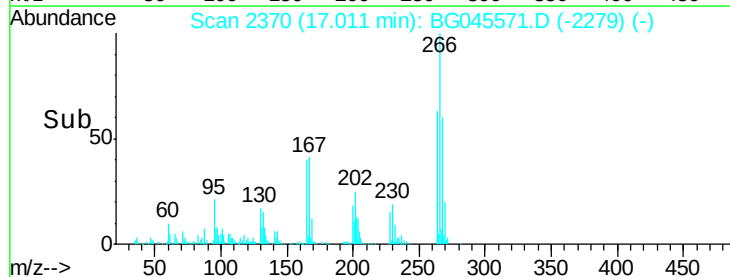
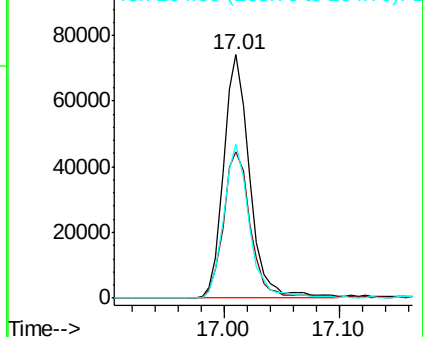
264 63.1 51.0 76.4

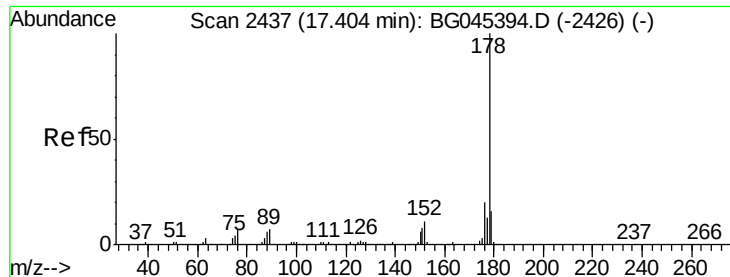


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

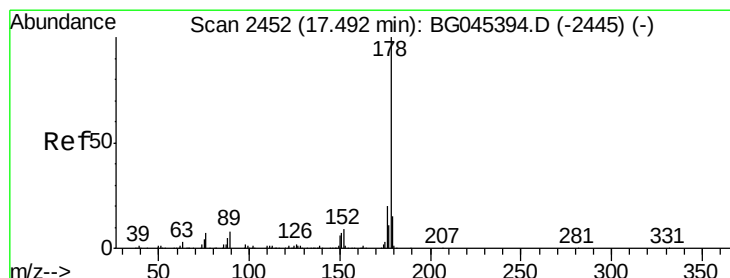
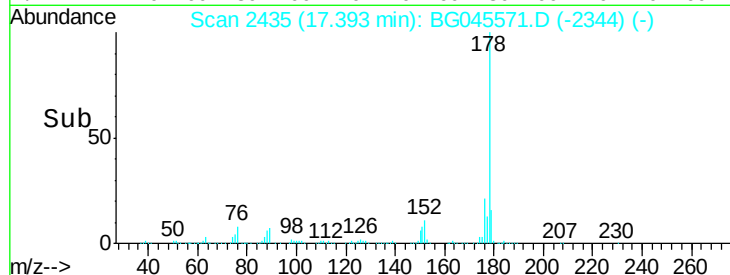
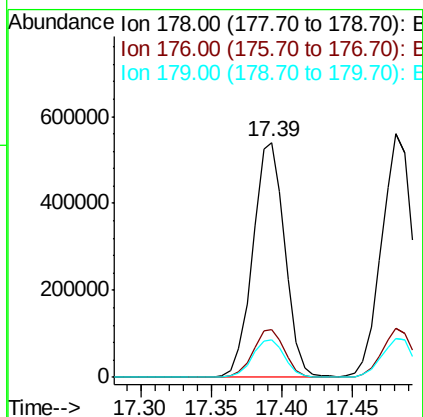
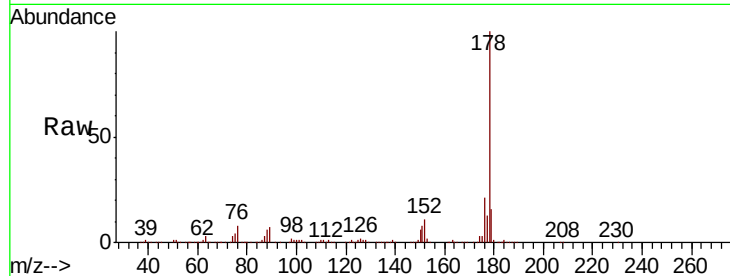




#71
Phenanthrene
Concen: 41.355 ng
RT: 17.39 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

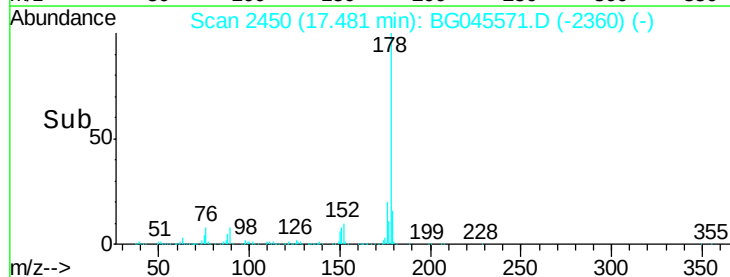
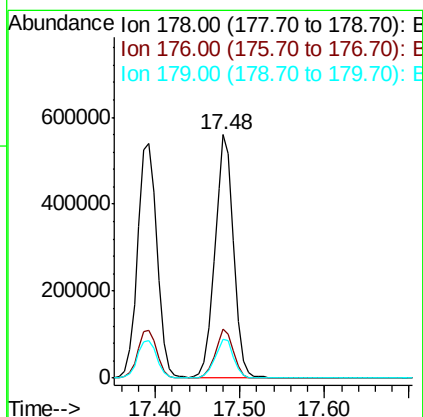
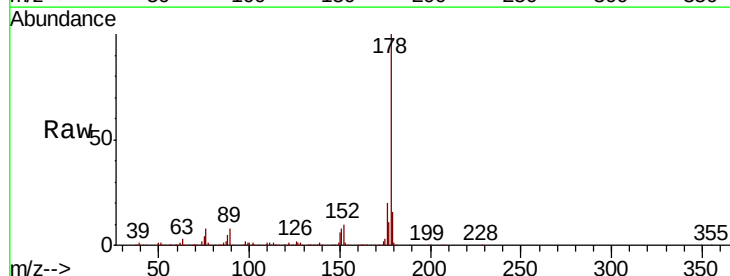
Instrument :
BNA_G
ClientSampleId :

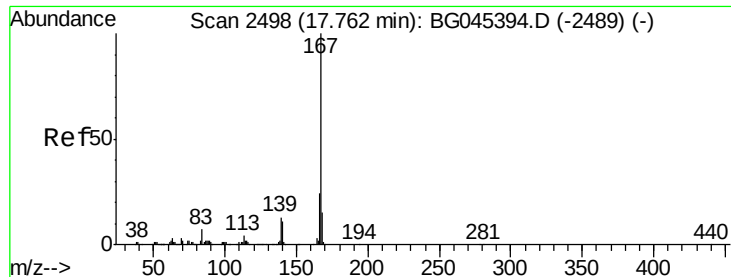
Tot Ion:178 Resp: 859735
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.4
179 16.1 13.1 19.7



#72
Anthracene
Concen: 41.588 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:178 Resp: 868241
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.0 12.2 18.4

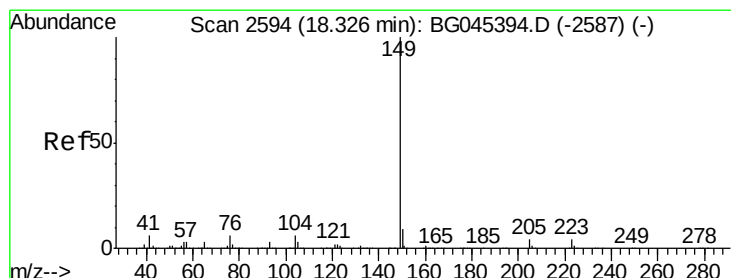
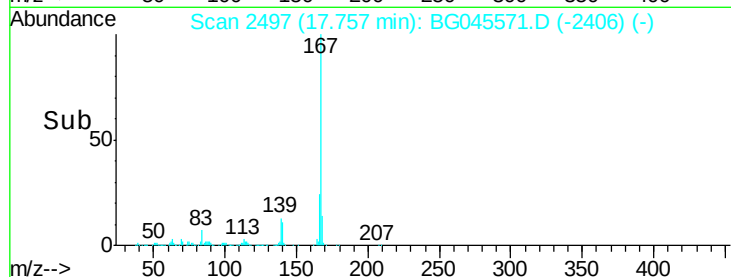
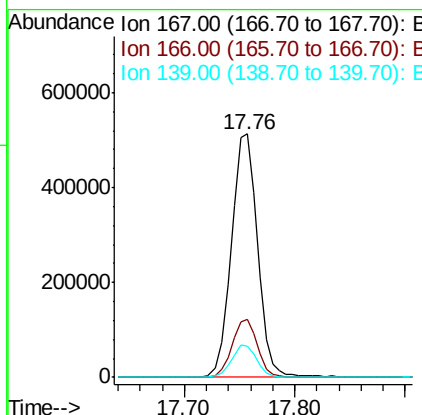
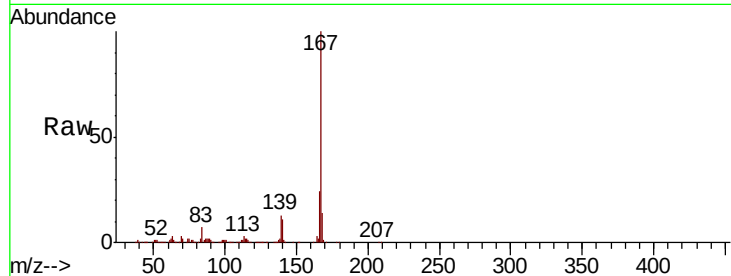




#73
 Carbazole
 Concen: 42.125 ng
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.01 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

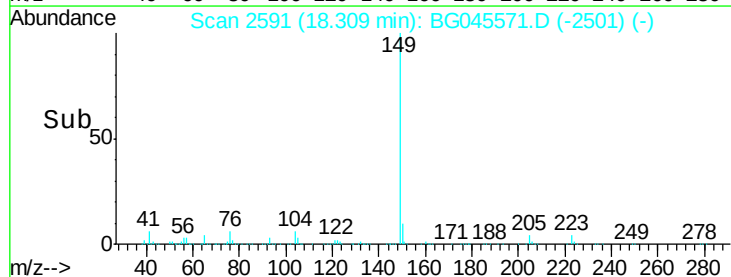
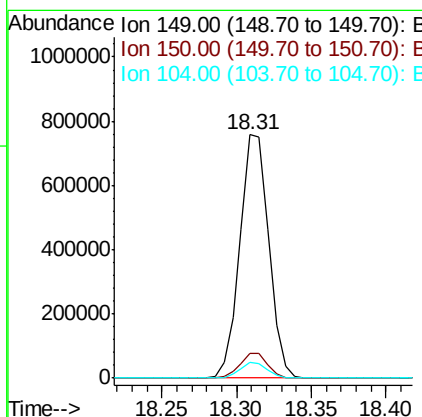
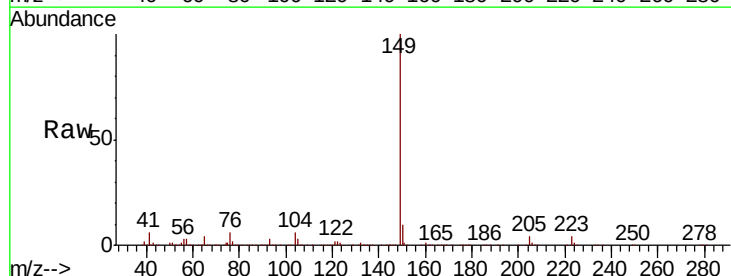
Instrument :
 BNA_G
 ClientSampleId :

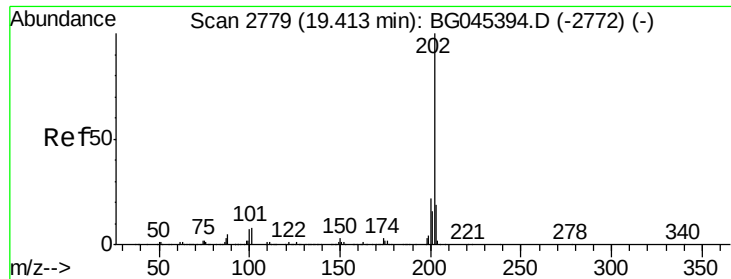
Tot Ion:167 Resp: 857257
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.2 28.8
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.739 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045571.D
 Acq: 2 Jun 2020 10:13

Tgt Ion:149 Resp: 1019501
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.6 11.4
 104 6.2 5.0 7.4





#75

Fluoranthene

Concen: 40.347 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

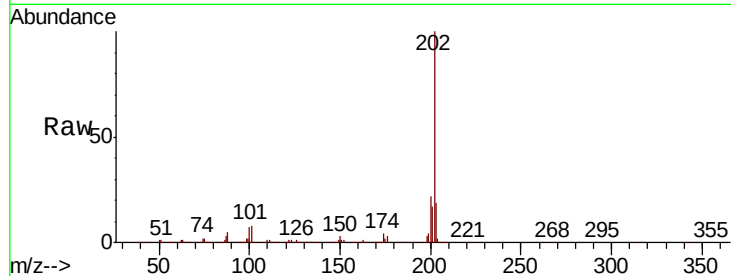
Tot Ion:202 Resp: 1066885

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.3

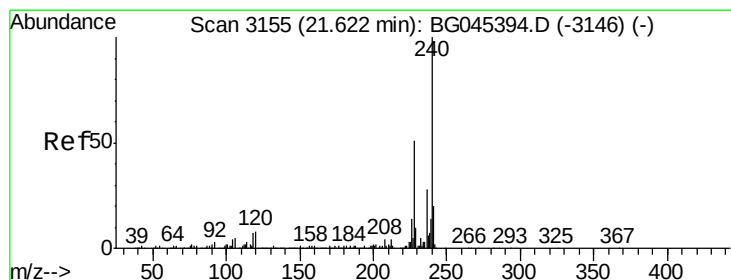
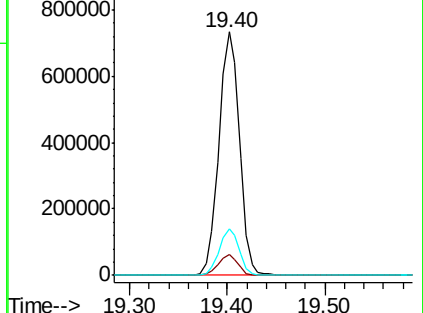
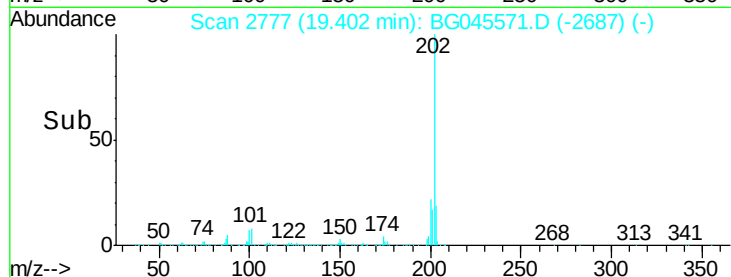
203 19.1 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

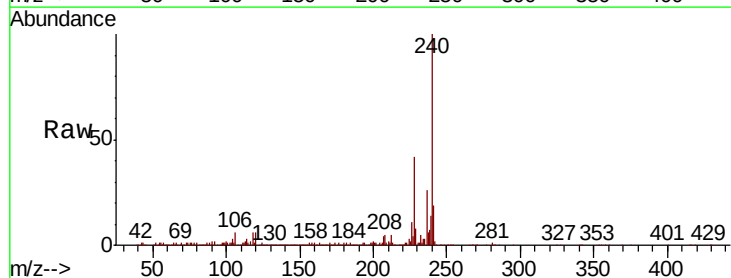
Tgt Ion:240 Resp: 431797

Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

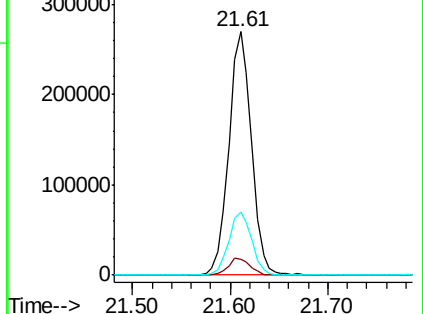
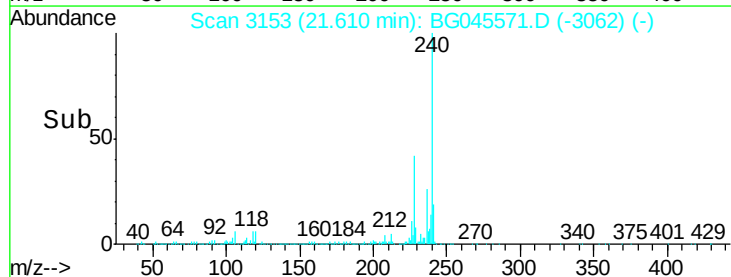
236 26.0 22.3 33.5

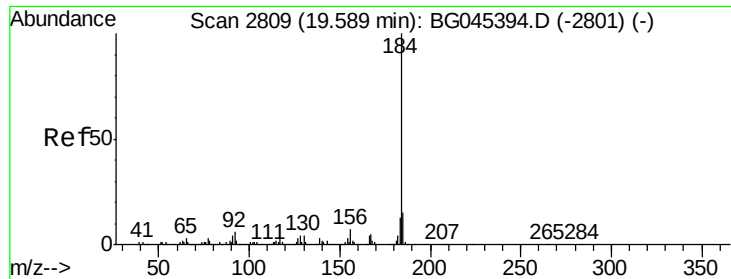


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.726 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

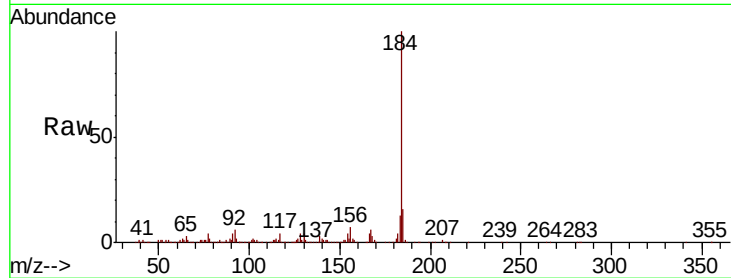
Tot Ion:184 Resp: 445389

Ion Ratio Lower Upper

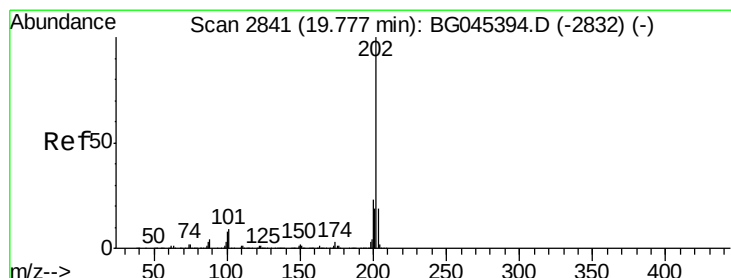
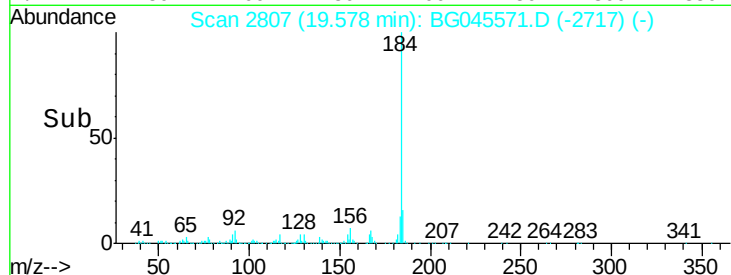
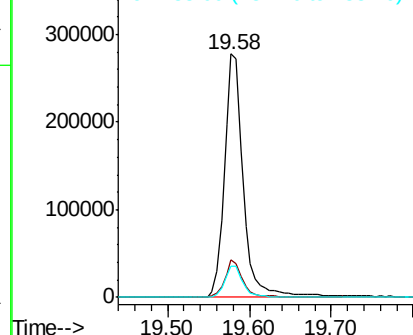
184 100

185 15.7 11.7 17.5

183 13.0 10.2 15.4



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: 43.574 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

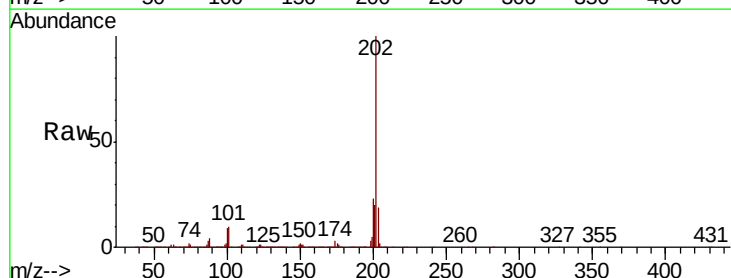
Tgt Ion:202 Resp: 1072533

Ion Ratio Lower Upper

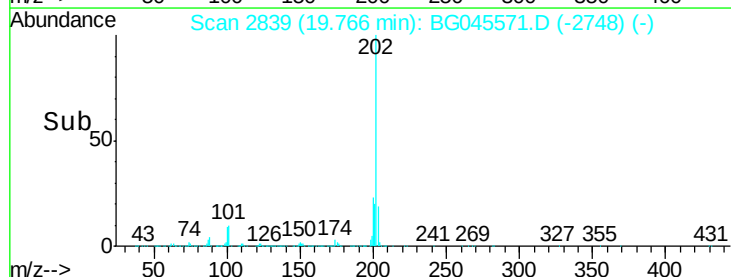
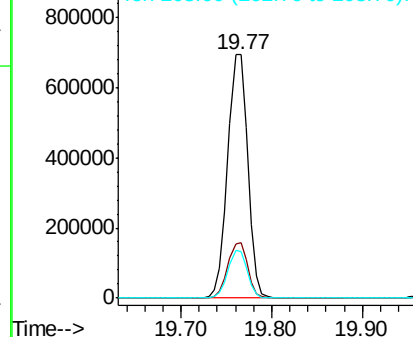
202 100

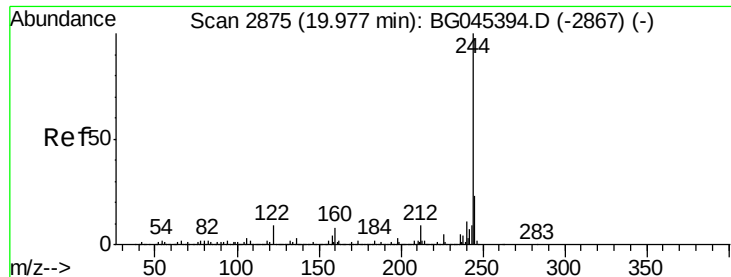
200 22.8 18.2 27.2

203 19.2 15.1 22.7



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: 86.861 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

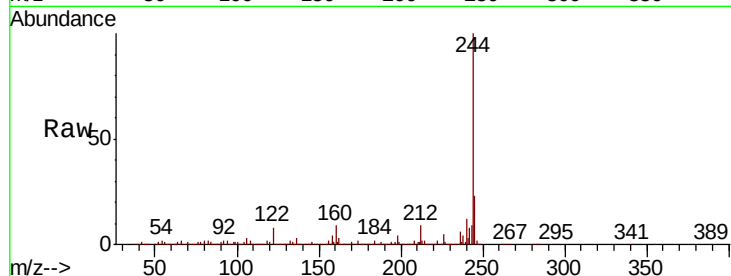
Tot Ion:244 Resp: 1608128

Ion Ratio Lower Upper

244 100

212 9.3 7.4 11.0

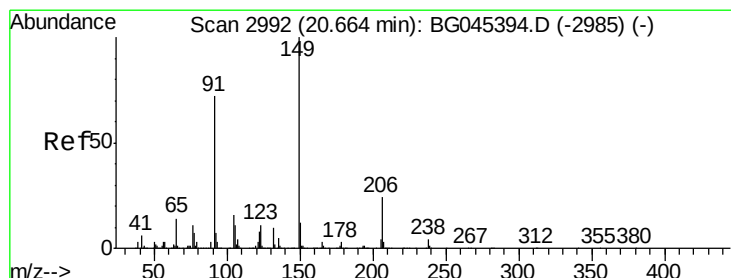
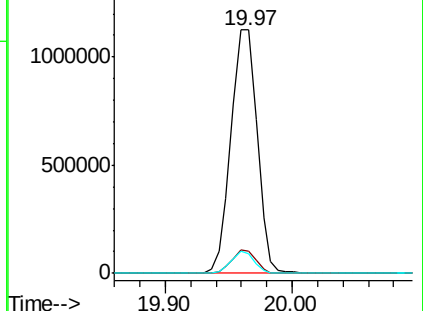
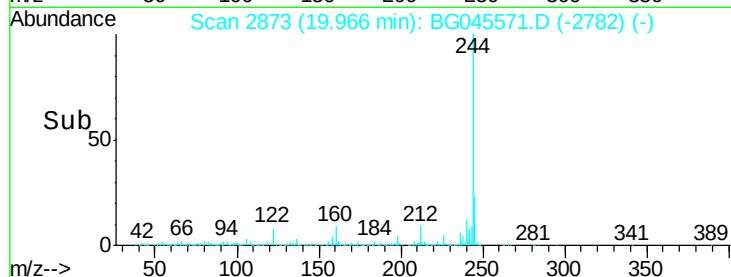
122 7.8 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.700 ng

RT: 20.65 min Scan# 2990

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

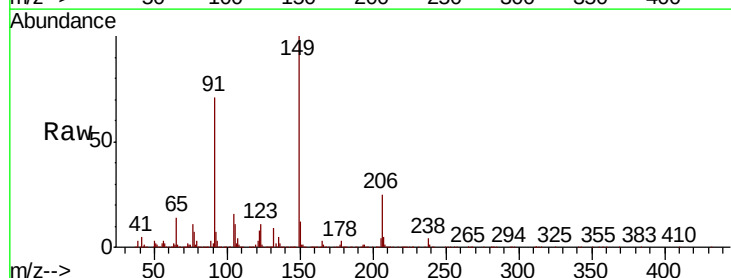
Tgt Ion:149 Resp: 453658

Ion Ratio Lower Upper

149 100

91 71.5 57.8 86.6

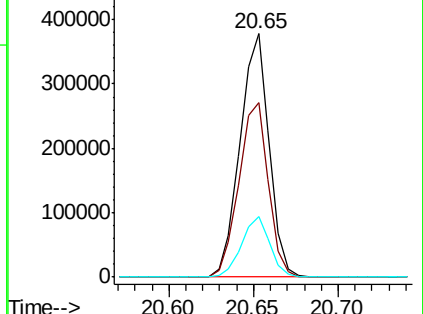
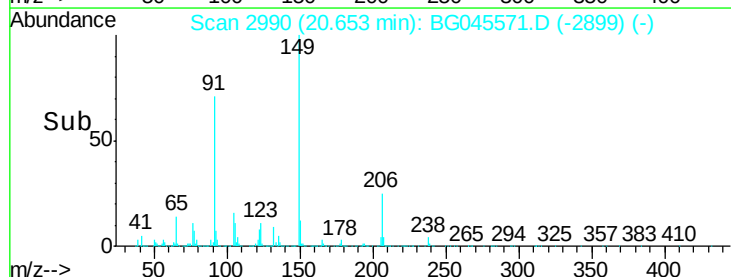
206 24.8 19.1 28.7

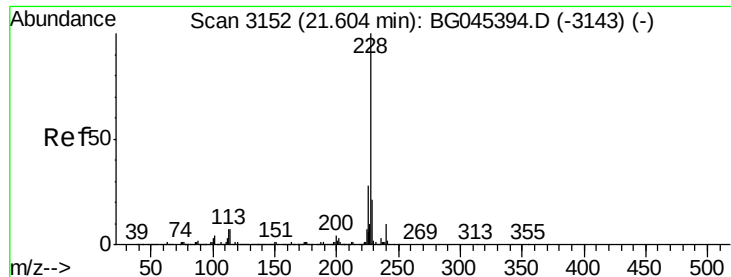


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

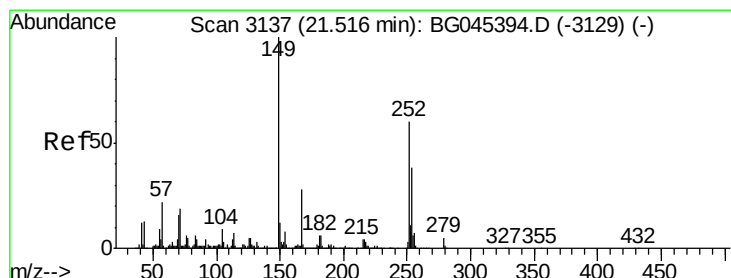
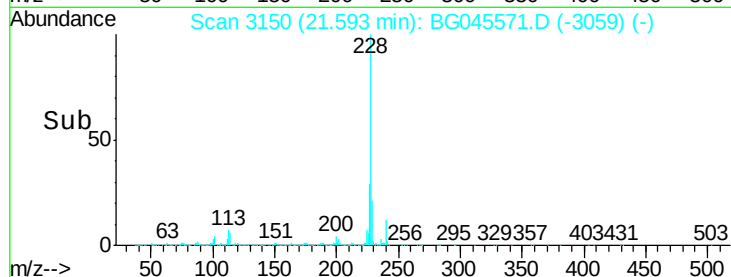
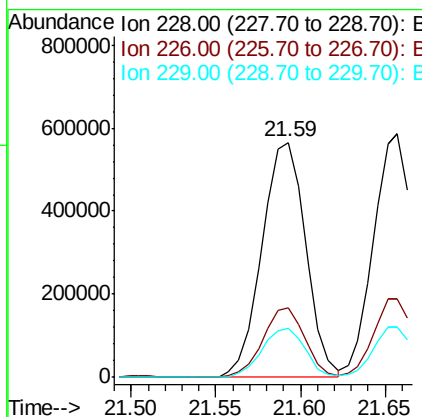
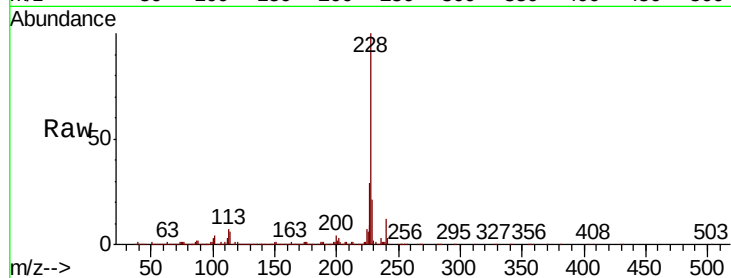




#81
Benzo(a)anthracene
Concen: 42.041 ng
RT: 21.59 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

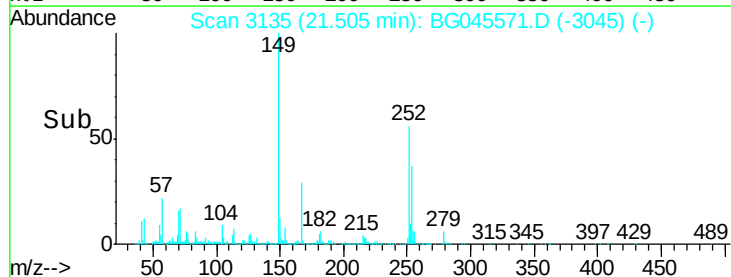
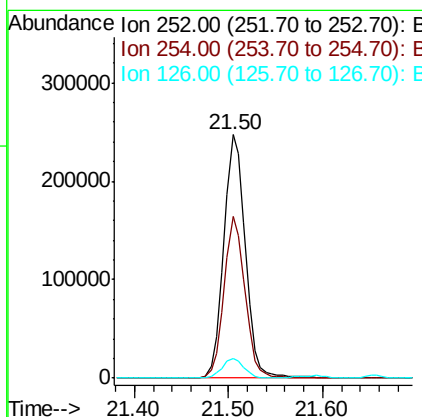
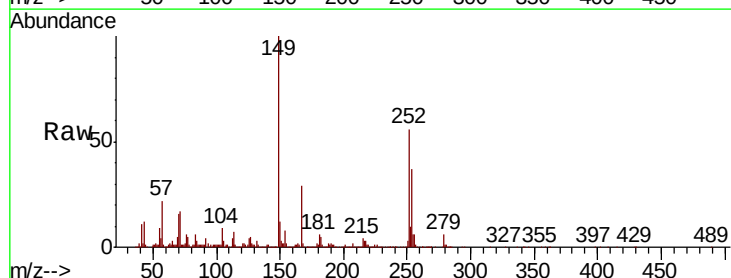
Instrument :
BNA_G
ClientSampleId :

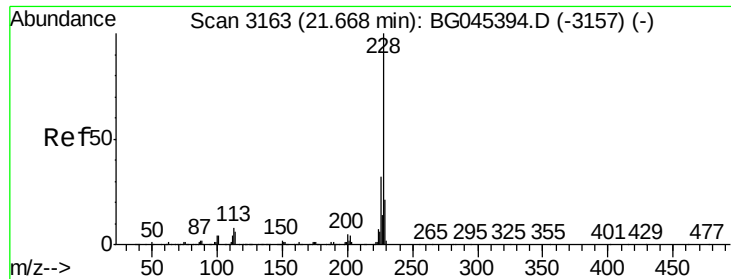
Tot Ion:228 Resp: 1011243
Ion Ratio Lower Upper
228 100
226 29.4 22.7 34.1
229 20.7 16.7 25.1



#82
3,3'-Dichlorobenzidine
Concen: 41.981 ng
RT: 21.50 min Scan# 3135
Delta R.T. 0.00 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:252 Resp: 396108
Ion Ratio Lower Upper
252 100
254 66.3 51.3 76.9
126 8.0 6.6 10.0





#83

Chrysene

Concen: 42.228 ng

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

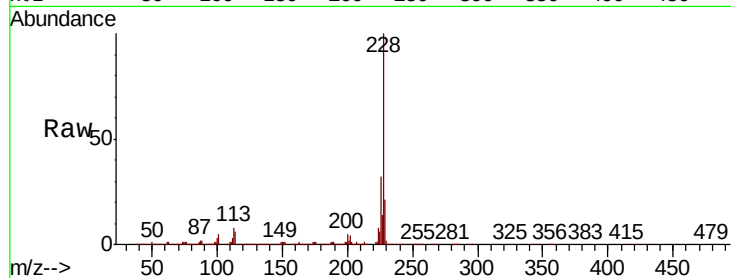
Tot Ion:228 Resp: 976693

Ion Ratio Lower Upper

228 100

226 32.0 25.2 37.8

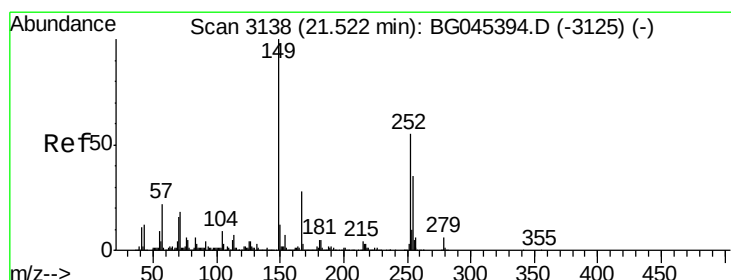
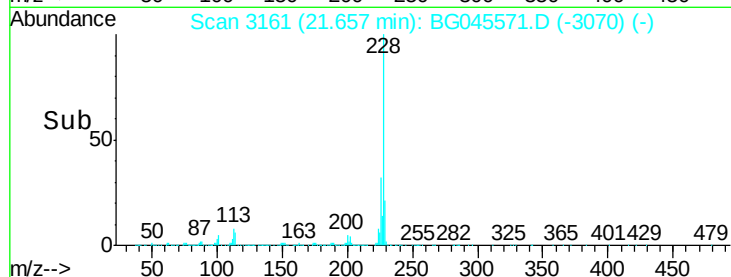
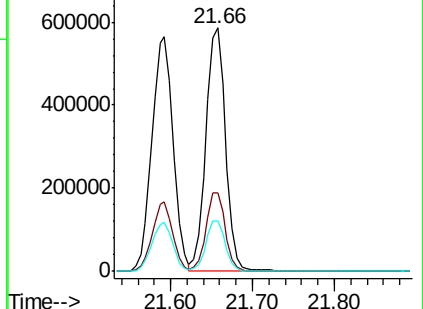
229 20.7 16.7 25.1



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: 42.142 ng

RT: 21.50 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

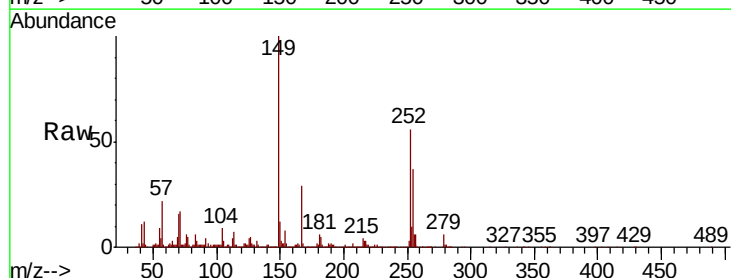
Tgt Ion:149 Resp: 615454

Ion Ratio Lower Upper

149 100

167 28.7 22.2 33.2

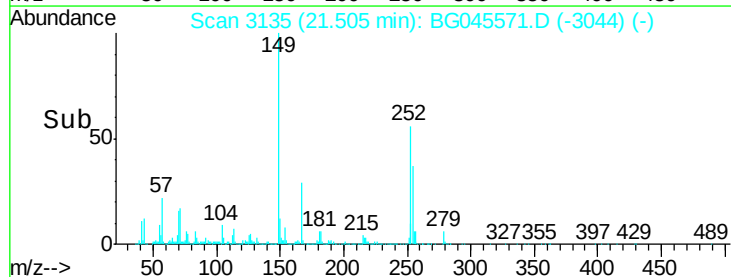
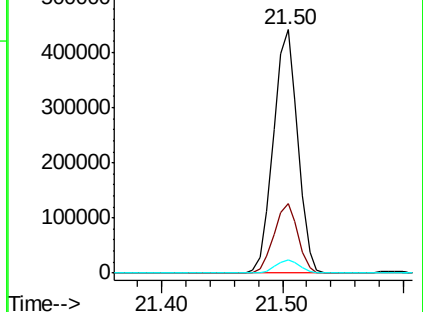
279 5.7 4.7 7.1

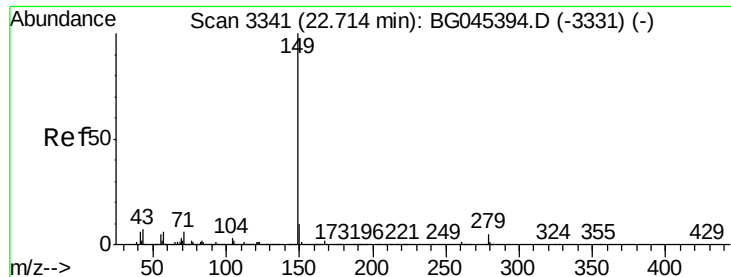


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.222 ng

RT: 22.69 min Scan# 3337

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

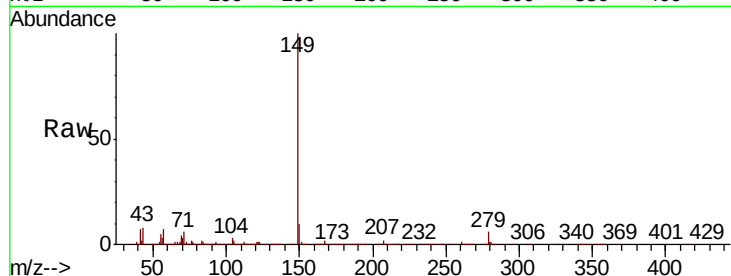
Tot Ion:149 Resp: 1033992

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

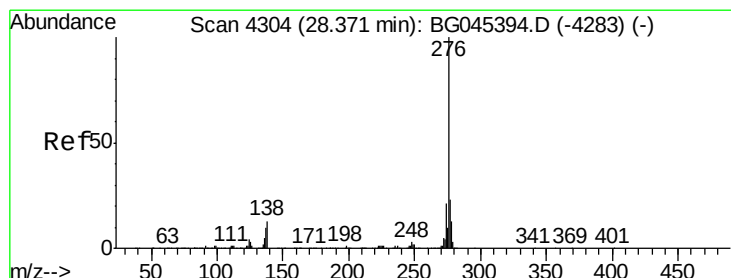
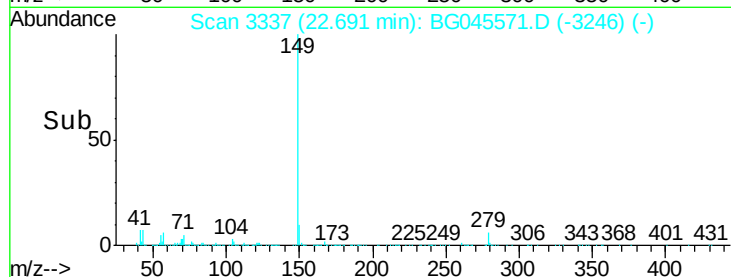
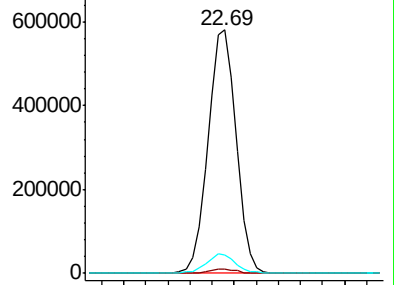
43 7.5 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.701 ng

RT: 28.34 min Scan# 4299

Delta R.T. 0.02 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

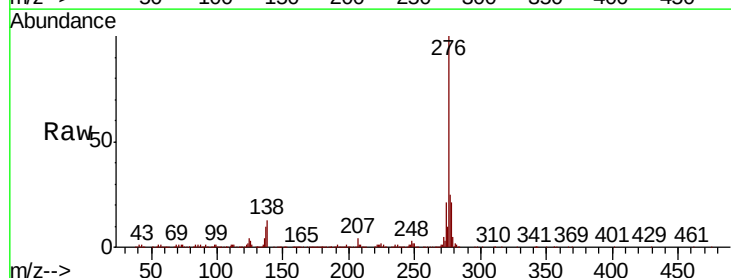
Tgt Ion:276 Resp: 1231004

Ion Ratio Lower Upper

276 100

138 15.1 8.6 12.8#

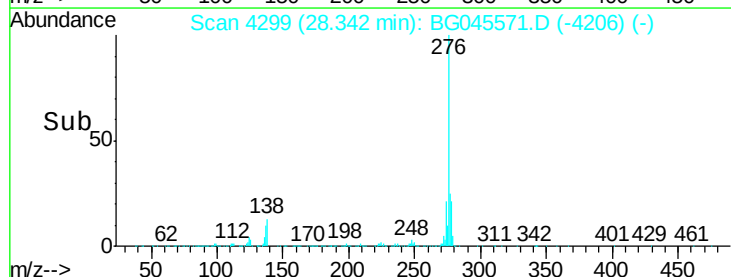
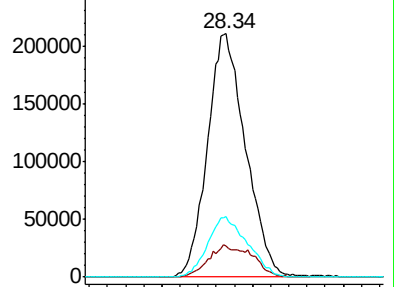
277 25.8 20.2 30.4

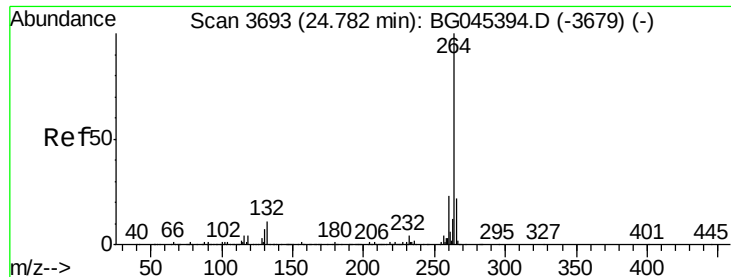


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

Instrument :

BNA_G

ClientSampleId :

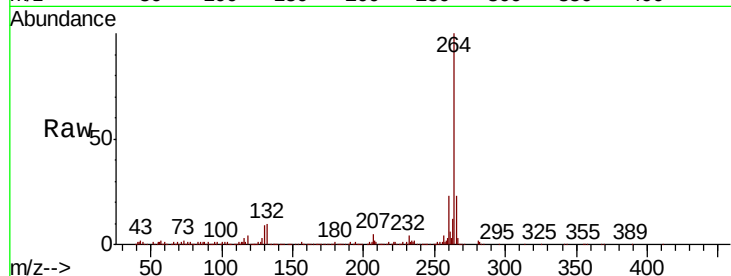
Tot Ion:264 Resp: 467671

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

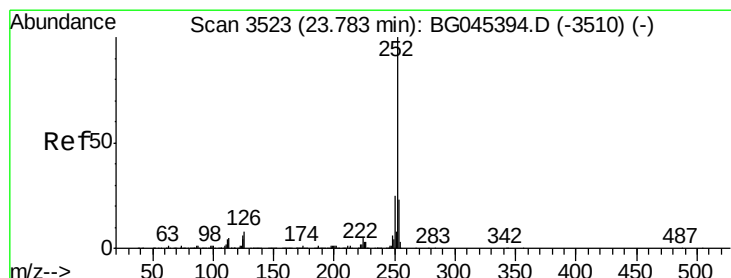
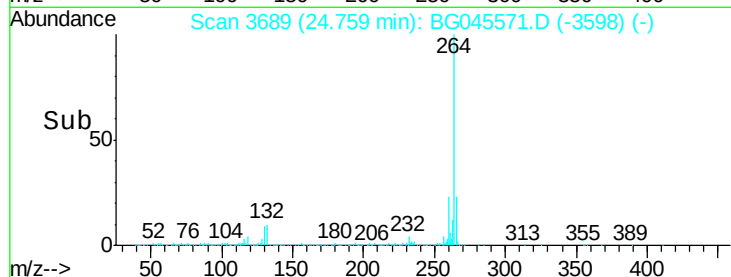
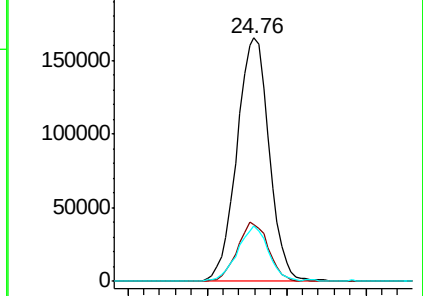
265 22.8 17.6 26.4



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: 41.926 ng

RT: 23.76 min Scan# 3519

Delta R.T. 0.00 min

Lab File: BG045571.D

Acq: 2 Jun 2020 10:13

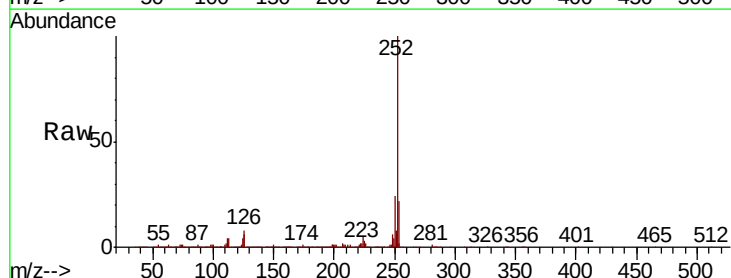
Tgt Ion:252 Resp: 1051571

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

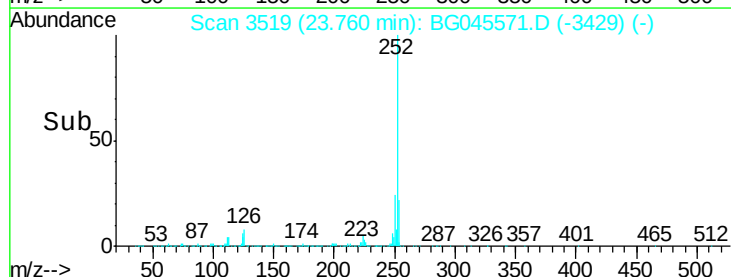
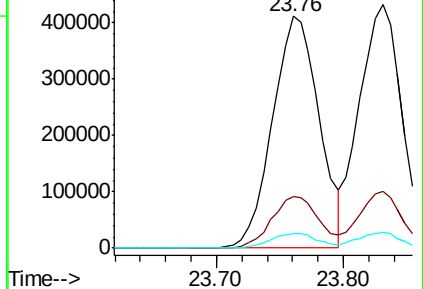
125 6.3 5.0 7.6

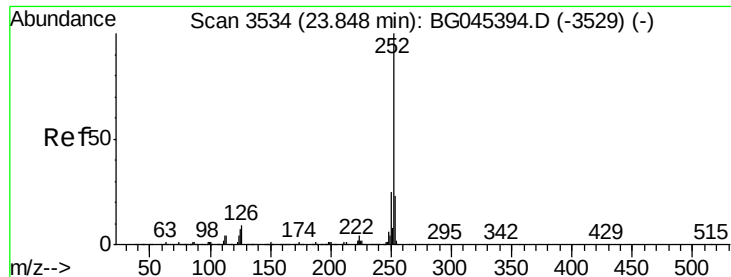


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

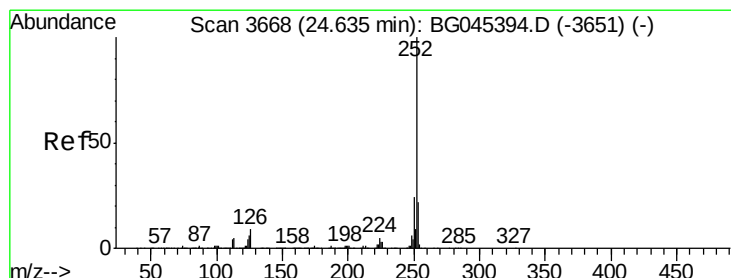
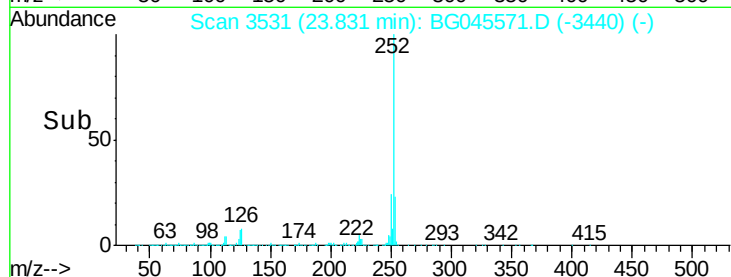
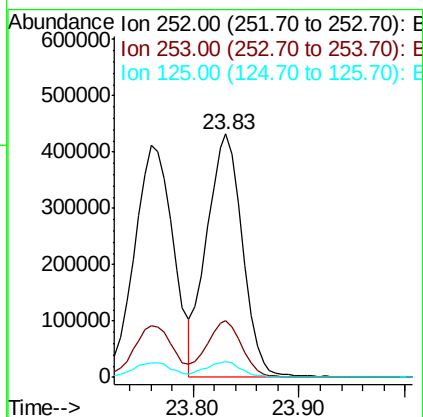
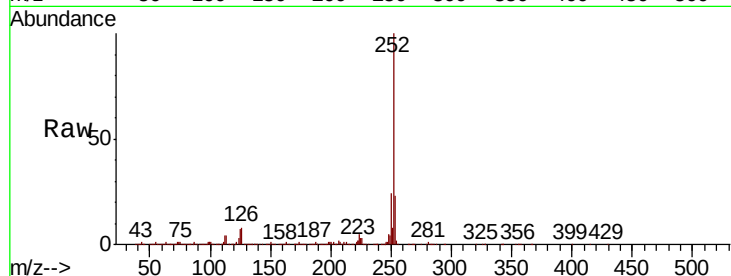




#89
Benzo(k)fluoranthene
Concen: 42.945 ng
RT: 23.83 min Scan# 3531
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

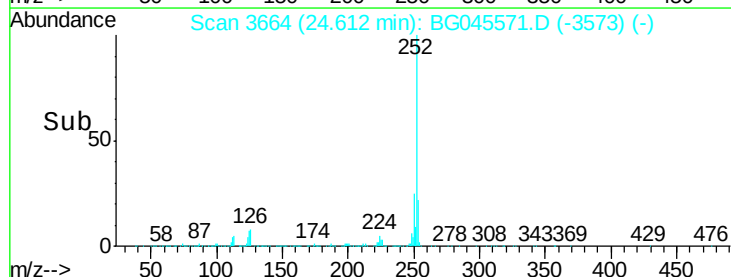
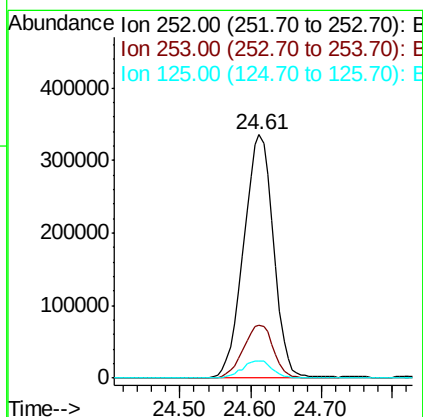
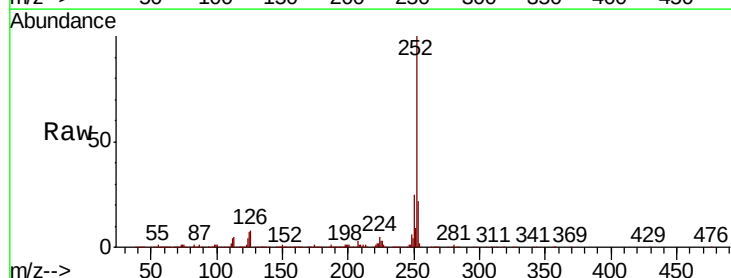
Instrument :
BNA_G
ClientSampleId :

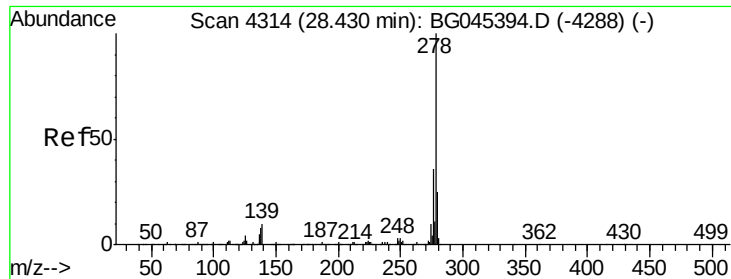
Tot Ion:252 Resp: 1011961
Ion Ratio Lower Upper
252 100
253 23.5 18.4 27.6
125 6.7 5.7 8.5



#90
Benzo(a)pyrene
Concen: 42.179 ng
RT: 24.61 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:252 Resp: 985281
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 7.1 5.0 7.6

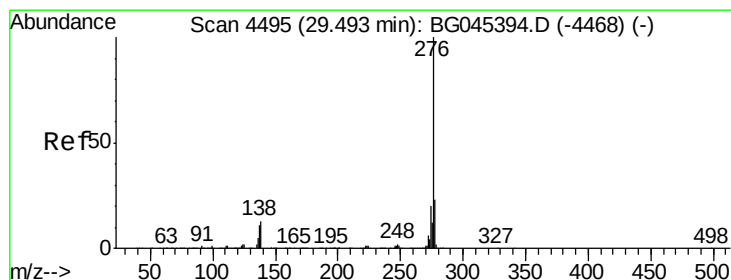
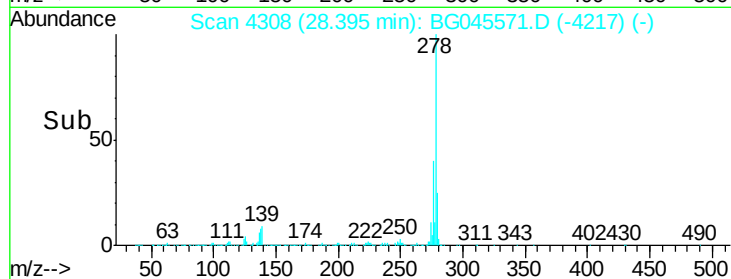
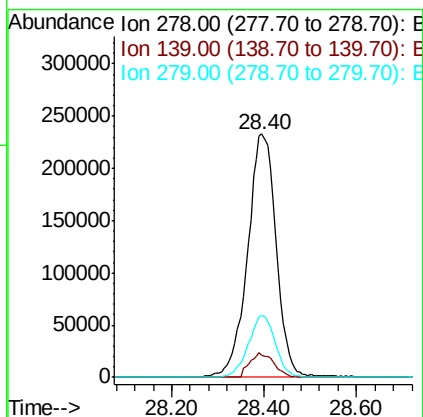
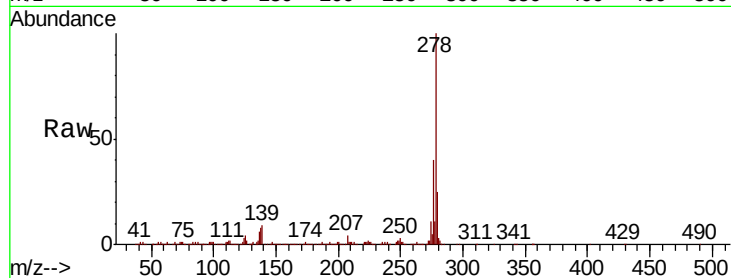




#91
Dibenzo(a,h)anthracene
Concen: 42.784 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1004306
Ion Ratio Lower Upper
278 100
139 9.0 7.8 11.8
279 25.2 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.193 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045571.D
Acq: 2 Jun 2020 10:13

Tgt Ion:276 Resp: 990552
Ion Ratio Lower Upper
276 100
277 25.2 18.1 27.1
138 12.2 10.2 15.4

