

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045343.D
 Acq On : 13 May 2020 00:24
 Operator : CG/JU
 Sample : PB128803BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 01:08:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	61052	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	250691	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	187636	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	440436	20.00	ng	0.00
76) Chrysene-d12	21.63	240	415633	20.00	ng	0.00
87) Perylene-d12	24.79	264	458458	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	463135	125.24	ng	0.00
7) Phenol-d6	7.14	99	654223	119.07	ng	0.00
23) Nitrobenzene-d5	9.13	82	412861	75.15	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	323326	111.54	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	969643	75.77	ng	0.00
79) Terphenyl-d14	19.98	244	1704660	89.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	52880	32.176	ng	96
3) Pyridine	3.82	79	128869	25.468	ng	94
4) n-Nitrosodimethylamine	3.73	42	59670	38.494	ng	97
6) Aniline	7.29	93	207239	29.010	ng	98
8) 2-Chlorophenol	7.54	128	166526	41.900	ng	99
9) Benzaldehyde	7.11	77	126222	41.086	ng	98
10) Phenol	7.17	94	222723	40.509	ng	98
11) bis(2-Chloroethyl)ether	7.39	93	153266	35.013	ng	94
12) 1,3-Dichlorobenzene	7.86	146	176016	37.584	ng	98
13) 1,4-Dichlorobenzene	8.01	146	177455	38.027	ng	99
14) 1,2-Dichlorobenzene	8.33	146	169657	38.002	ng	99
15) Benzyl Alcohol	8.21	79	171829	37.301	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.50	45	142125	33.075	ng	96
17) 2-Methylphenol	8.42	107	152072	35.849	ng	98
18) Hexachloroethane	9.06	117	66262	37.771	ng	97
19) n-Nitroso-di-n-propylamine	8.78	70	137929	35.498	ng	99
20) 3+4-Methylphenols	8.74	107	208506	35.116	ng	98
22) Acetophenone	8.79	105	253666	37.418	ng	97
24) Nitrobenzene	9.17	77	208731	37.063	ng	93
25) Isophorone	9.70	82	394561	35.068	ng	100
26) 2-Nitrophenol	9.89	139	93425	38.512	ng	93
27) 2,4-Dimethylphenol	9.95	122	163854	42.569	ng	99
28) bis(2-Chloroethoxy)methane	10.18	93	217275	36.754	ng	99
29) 2,4-Dichlorophenol	10.43	162	174661	39.298	ng	98
30) 1,2,4-Trichlorobenzene	10.65	180	184161	36.597	ng	97
31) Naphthalene	10.83	128	509980	37.187	ng	99
32) Benzoic acid	10.10	122	87660	30.822	ng	100
33) 4-Chloroaniline	10.94	127	110827	17.328	ng	96
34) Hexachlorobutadiene	11.12	225	127271	36.889	ng	99
35) Caprolactam	11.69	113	36591	20.686	ng	86
36) 4-Chloro-3-methylphenol	12.07	107	205932	39.442	ng	99
37) 2-Methylnaphthalene	12.44	142	393144	36.934	ng	96
38) 1-Methylnaphthalene	12.66	142	373637	37.182	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	218590	36.182	ng	99

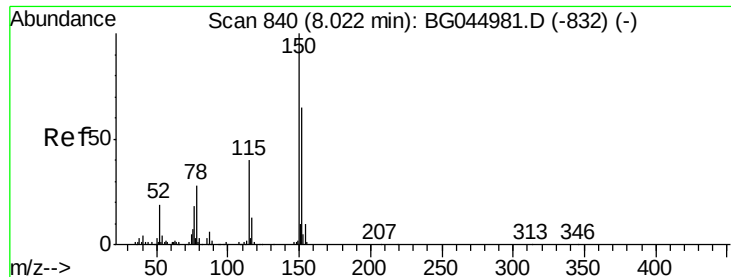
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045343.D
 Acq On : 13 May 2020 00:24
 Operator : CG/JU
 Sample : PB128803BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 13 01:08:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 15:48:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	294761	78.063	ng	98
43) 2,4,6-Trichlorophenol	13.05	196	158505	37.175	ng	94
44) 2,4,5-Trichlorophenol	13.13	196	174158	35.884	ng	96
46) 1,1'-Biphenyl	13.45	154	509112	35.698	ng	98
47) 2-Chloronaphthalene	13.49	162	391472	35.924	ng	99
48) 2-Nitroaniline	13.68	65	131227	36.600	ng	99
49) Acenaphthylene	14.34	152	660502	37.211	ng	99
50) Dimethylphthalate	14.07	163	557857	36.513	ng	99
51) 2,6-Dinitrotoluene	14.18	165	126409	36.991	ng	97
52) Acenaphthene	14.68	154	394766	32.870	ng	100
53) 3-Nitroaniline	14.51	138	76871	20.510	ng	88
54) 2,4-Dinitrophenol	14.72	184	154804	76.182	ng	92
55) Dibenzofuran	15.02	168	637976	36.437	ng	99
56) 4-Nitrophenol	14.84	139	213124	73.338	ng	98
57) 2,4-Dinitrotoluene	14.98	165	183261	36.696	ng	96
58) Fluorene	15.66	166	530744	37.110	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	170087	39.387	ng	# 98
60) Diethylphthalate	15.44	149	577063	36.227	ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	293156	35.612	ng	97
62) 4-Nitroaniline	15.68	138	125814	32.365	ng	95
63) Azobenzene	15.95	77	539366	36.727	ng	98
65) 4,6-Dinitro-2-methylphenol	15.75	198	118897	41.070	ng	97
66) n-Nitrosodiphenylamine	15.87	169	480448	37.966	ng	98
67) 4-Bromophenyl-phenylether	16.55	248	202688	35.672	ng	96
68) Hexachlorobenzene	16.68	284	221780	37.635	ng	97
69) Atrazine	16.82	200	186379	39.832	ng	99
70) Pentachlorophenol	17.02	266	260618	72.092	ng	98
71) Phenanthrene	17.41	178	876348	38.720	ng	99
72) Anthracene	17.50	178	906340	39.921	ng	99
73) Carbazole	17.77	167	830910	36.065	ng	99
74) Di-n-butylphthalate	18.33	149	996715	38.923	ng	99
75) Fluoranthene	19.42	202	1105023	40.989	ng	98
77) Benzidine	19.59	184	546640	45.470	ng	97
78) Pyrene	19.78	202	1097653	38.307	ng	97
80) Butylbenzylphthalate	20.67	149	453554	38.186	ng	99
81) Benzo(a)anthracene	21.61	228	1037644	38.518	ng	98
82) 3,3'-Dichlorobenzidine	21.52	252	257927	24.055	ng	# 98
83) Chrysene	21.67	228	989217	38.218	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	625315	38.280	ng	97
85) Di-n-octyl phthalate	22.72	149	1069793	37.871	ng	100
86) Indeno(1,2,3-cd)pyrene	28.38	276	1297484	37.756	ng	# 97
88) Benzo(b)fluoranthene	23.79	252	1099042	38.271	ng	98
89) Benzo(k)fluoranthene	23.86	252	1061041	38.851	ng	97
90) Benzo(a)pyrene	24.65	252	1007893	37.173	ng	98
91) Dibenzo(a,h)anthracene	28.45	278	1057717	38.714	ng	96
92) Benzo(g,h,i)perylene	29.50	276	1074638	39.233	ng	97

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

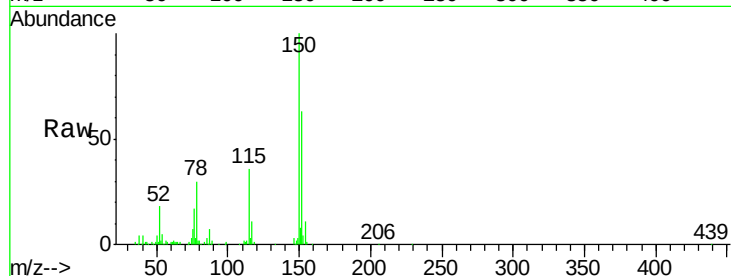


#1

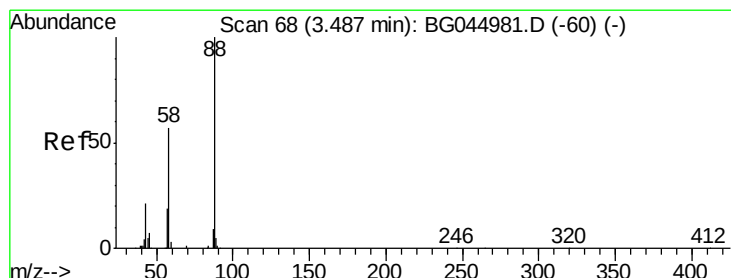
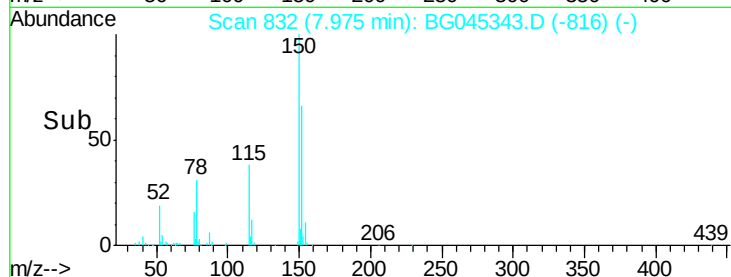
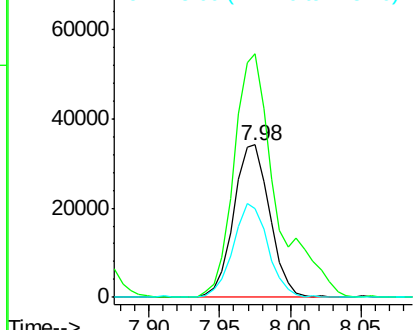
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 61052
Ion Ratio Lower Upper
152 100
150 159.6 123.6 185.4
115 58.0 49.1 73.7



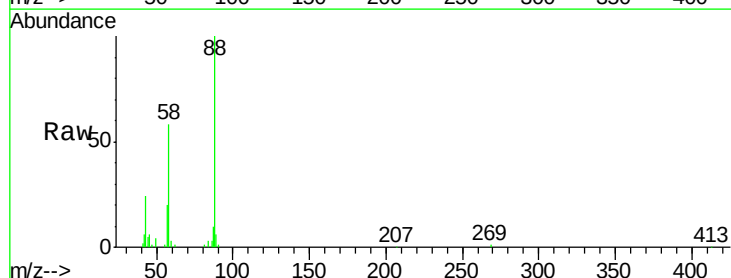
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



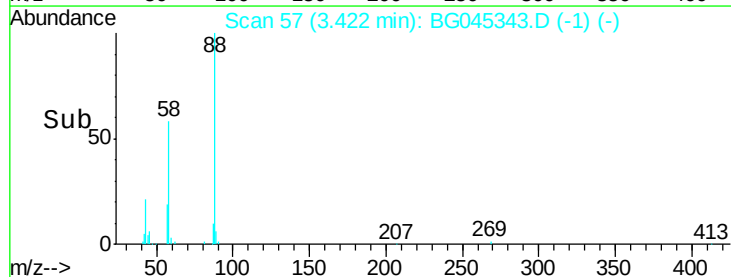
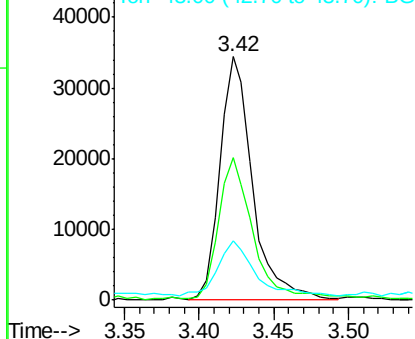
#2

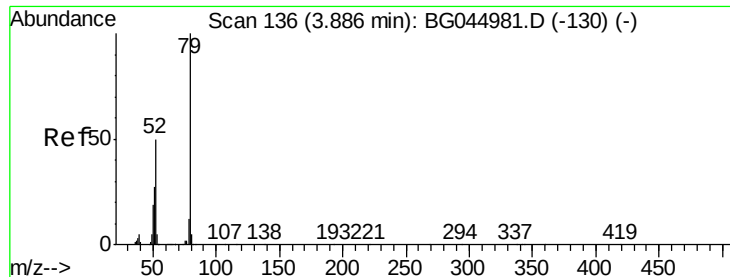
1,4-Dioxane
Concen: 32.176 ng
RT: 3.42 min Scan# 57
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion: 88 Resp: 52880
Ion Ratio Lower Upper
88 100
58 60.6 46.6 69.8
43 24.9 17.5 26.3



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: 25.468 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

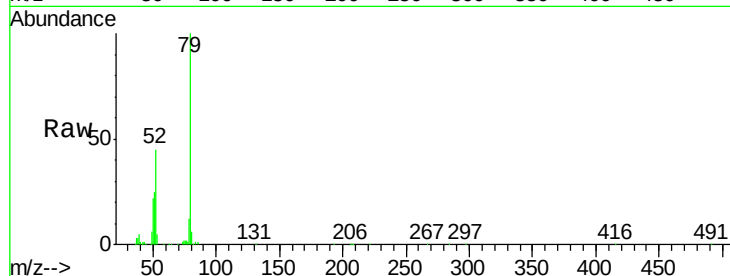
Tot Ion: 79 Resp: 128869

Ion Ratio Lower Upper

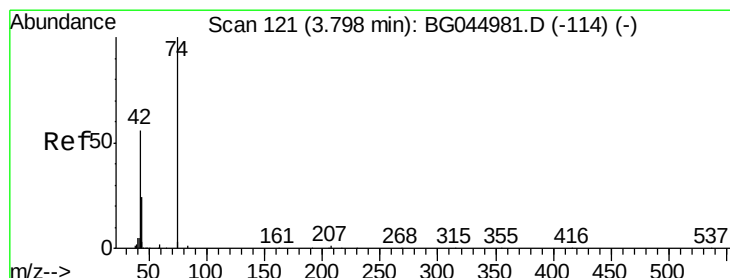
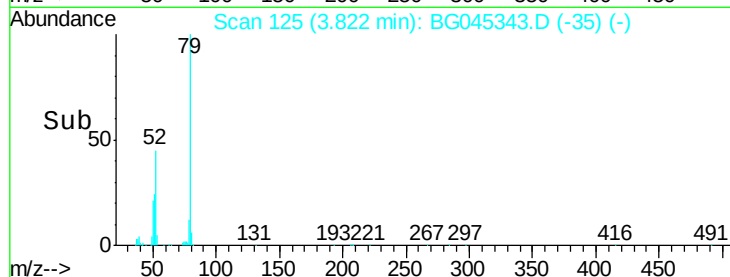
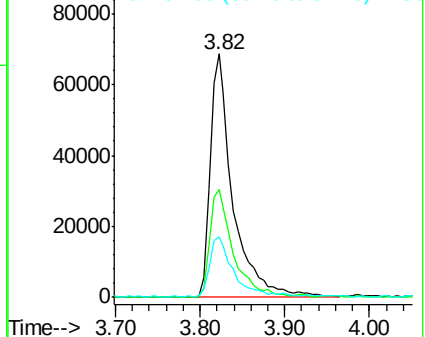
79 100

52 44.6 39.8 59.6

51 25.0 21.4 32.2



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



#4

n-Nitrosodimethylamine

Concen: 38.494 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

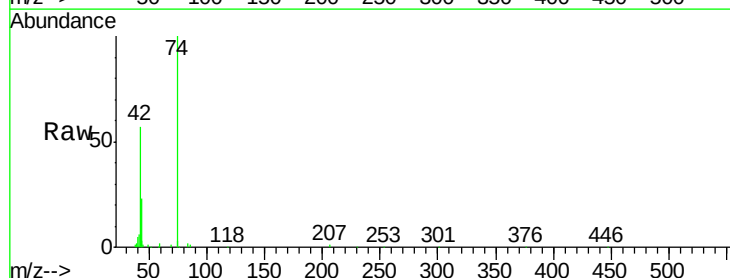
Tgt Ion: 42 Resp: 59670

Ion Ratio Lower Upper

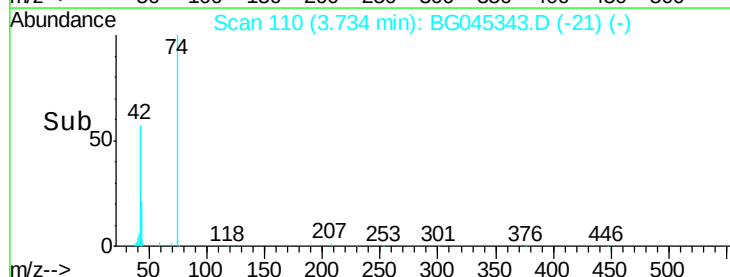
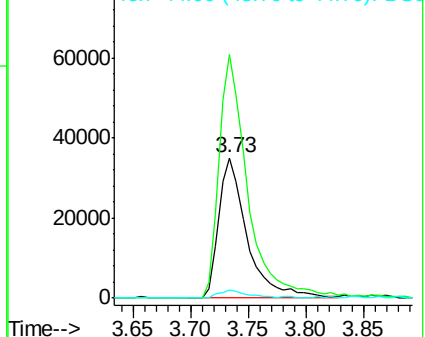
42 100

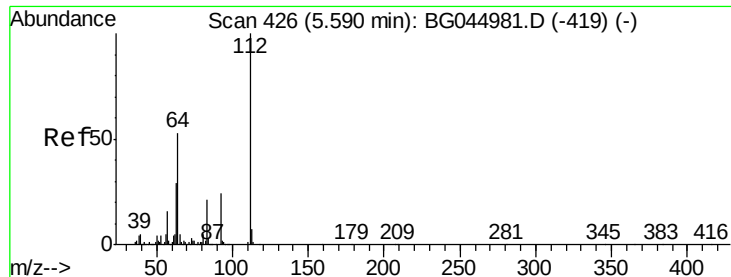
74 173.9 143.0 214.6

44 6.0 4.6 6.8



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





#5

2-Fluorophenol

Concen: 125.239 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

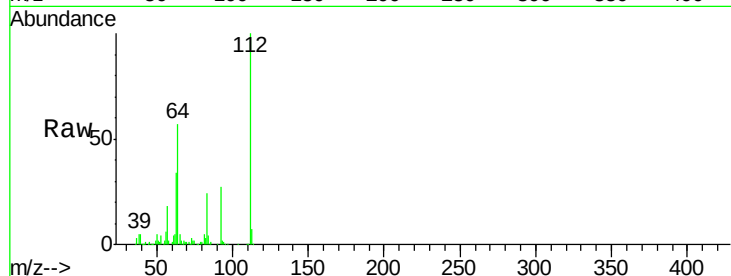
Tot Ion:112 Resp: 463135

Ion Ratio Lower Upper

112 100

64 57.2 42.4 63.6

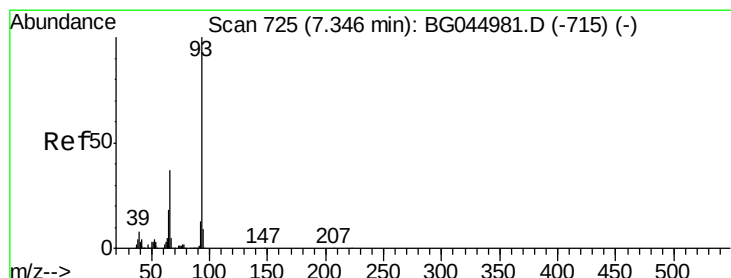
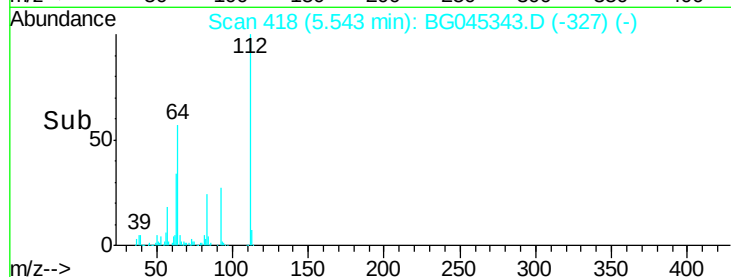
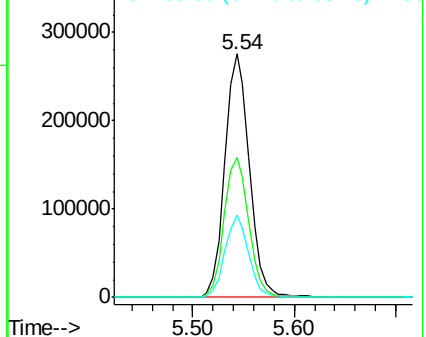
63 33.9 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.010 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

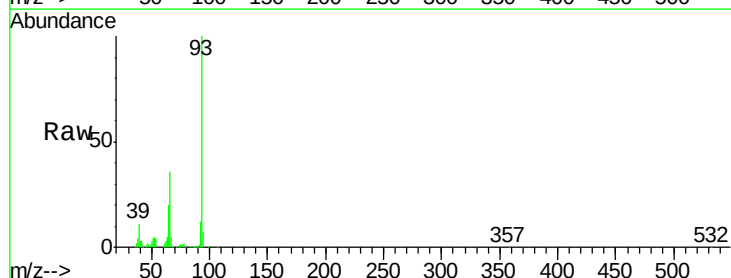
Tgt Ion: 93 Resp: 207239

Ion Ratio Lower Upper

93 100

66 36.4 29.8 44.8

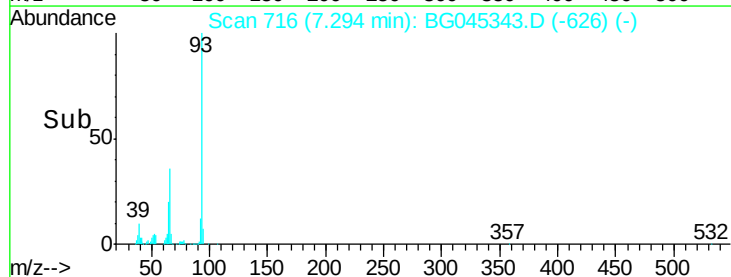
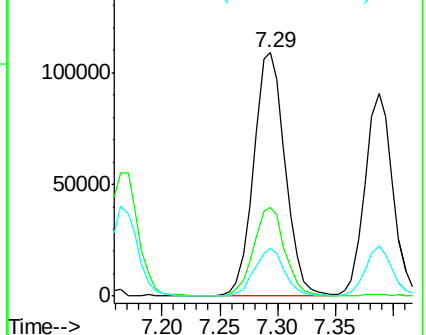
65 19.8 14.6 22.0

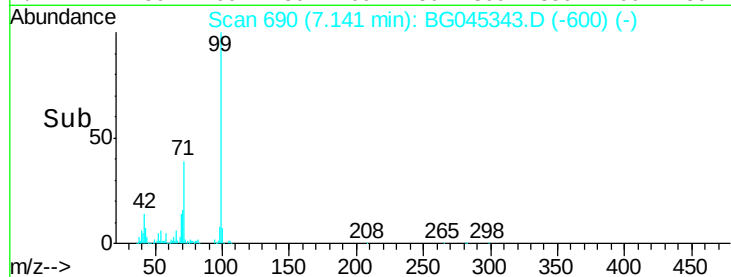
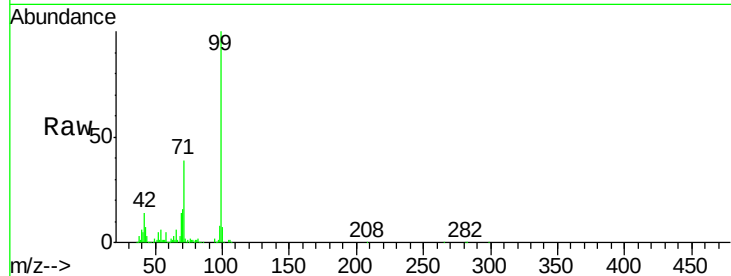
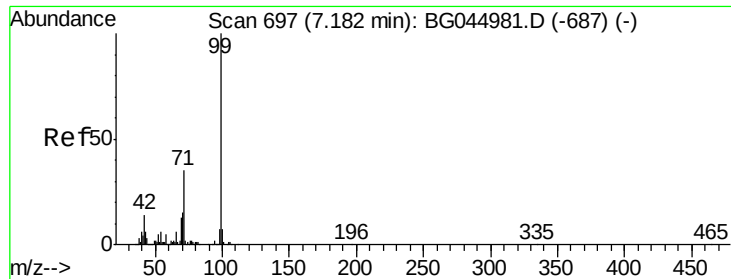


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.073 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

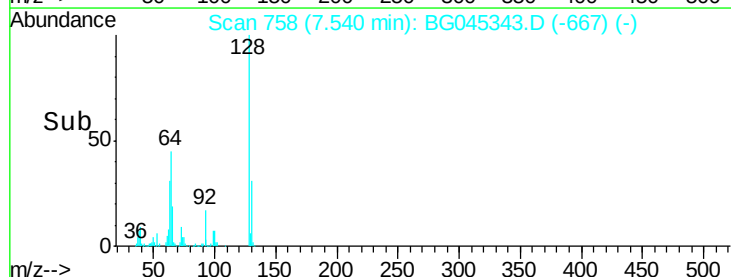
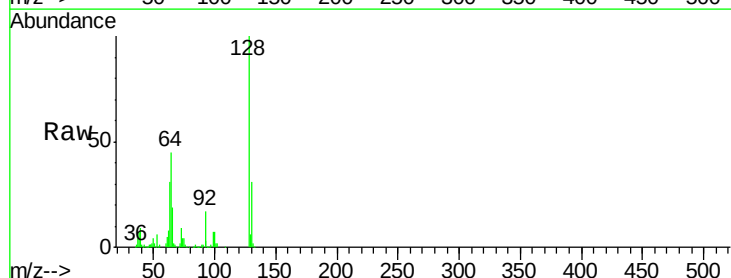
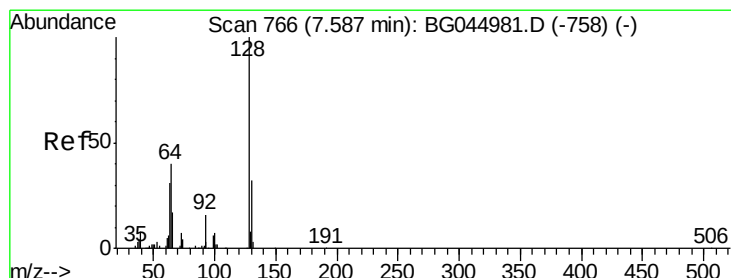
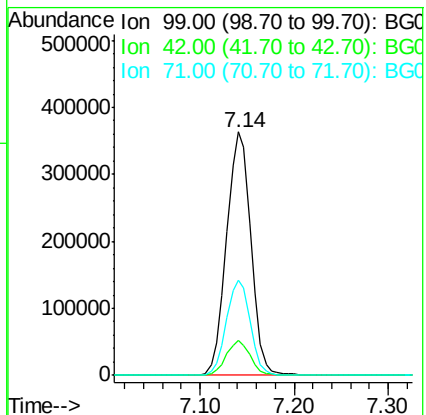
Tot Ion: 99 Resp: 654223

Ion Ratio Lower Upper

99 100

42 14.4 11.3 16.9

71 38.9 28.3 42.5



#8

2-Chlorophenol

Concen: 41.900 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

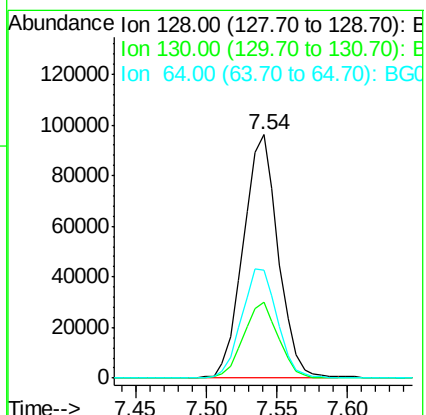
Tgt Ion: 128 Resp: 166526

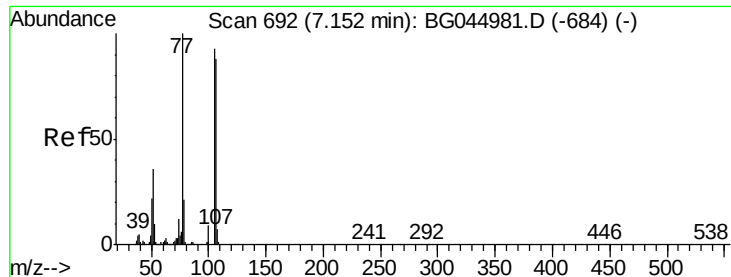
Ion Ratio Lower Upper

128 100

130 31.2 12.3 52.3

64 44.5 24.4 64.4





#9

Benzaldehyde

Concen: 41.086 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampled :

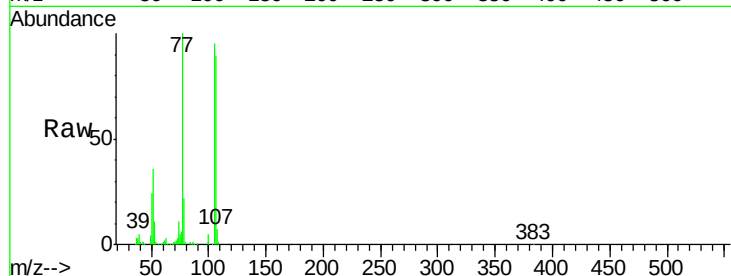
Tot Ion: 77 Resp: 126222

Ion Ratio Lower Upper

77 100

105 94.7 72.9 112.9

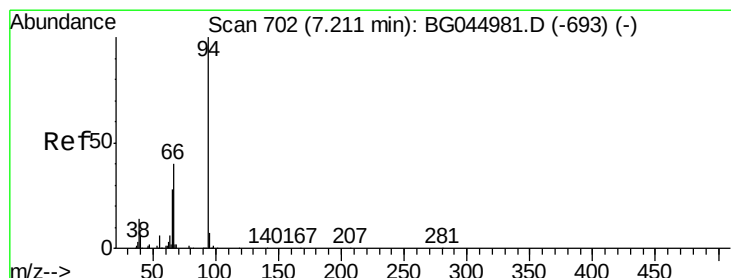
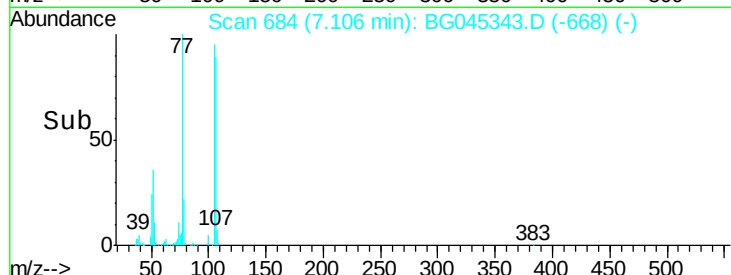
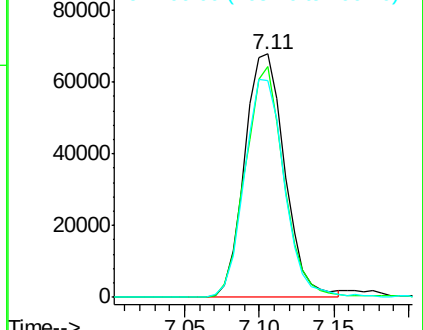
106 89.3 67.6 107.6



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: 40.509 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

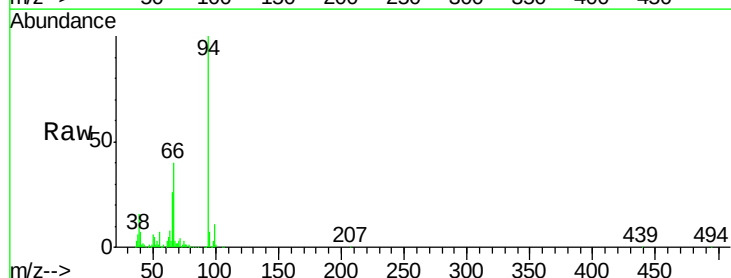
Tgt Ion: 94 Resp: 222723

Ion Ratio Lower Upper

94 100

65 26.5 8.2 48.2

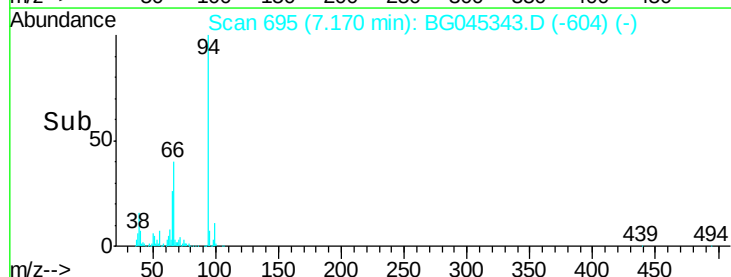
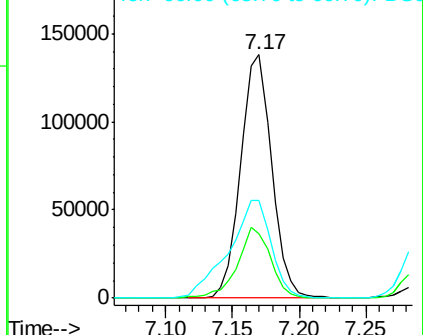
66 40.0 20.4 60.4

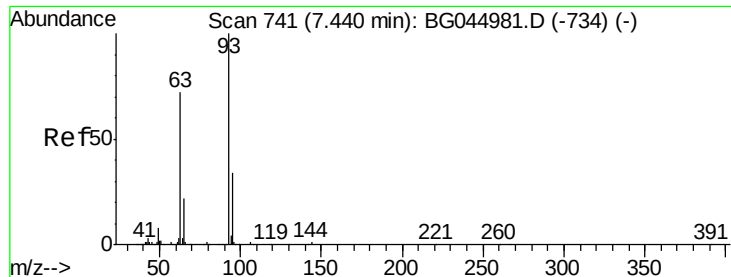


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

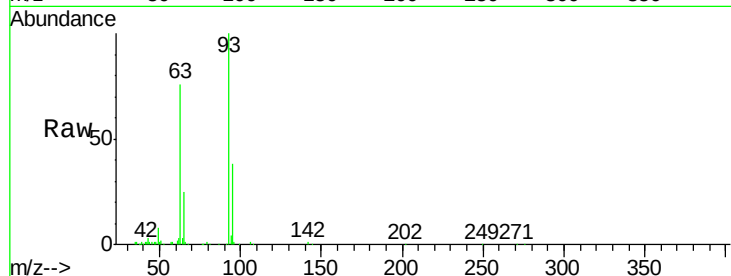




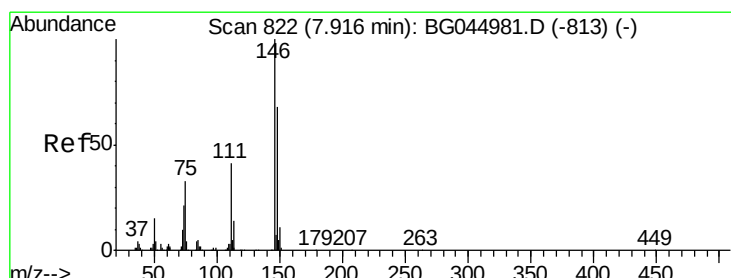
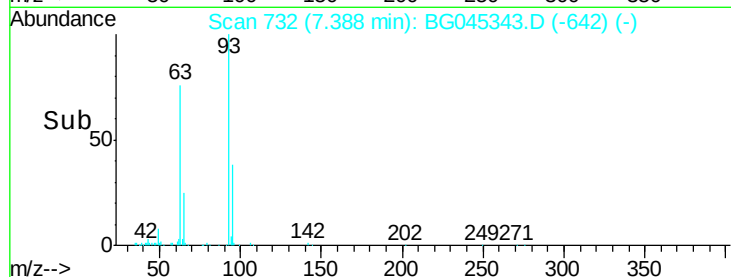
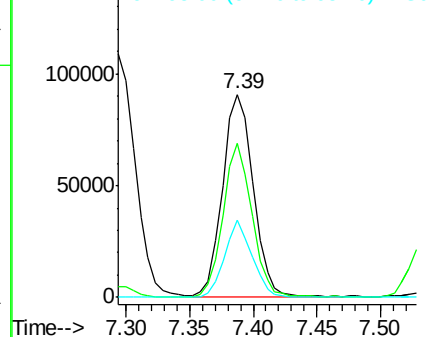
#11
bis(2-Chloroethyl)ether
Concen: 35.013 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Instrument :
BNA_G
ClientSampled :

Tot Ion: 93 Resp: 153266
Ion Ratio Lower Upper
93 100
63 76.1 51.8 91.8
95 38.3 13.8 53.8

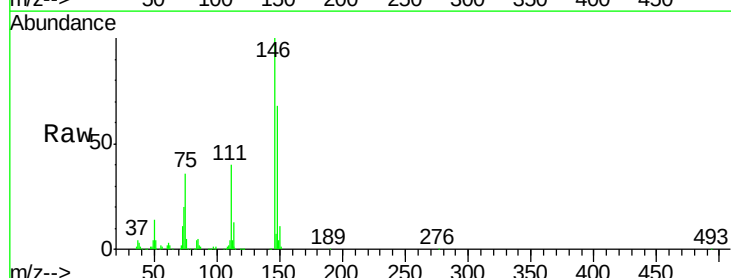


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

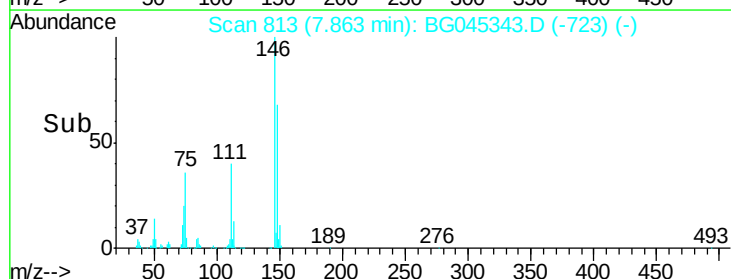
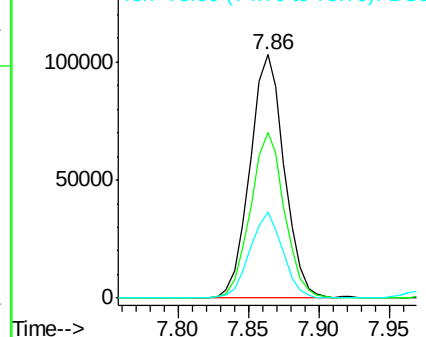


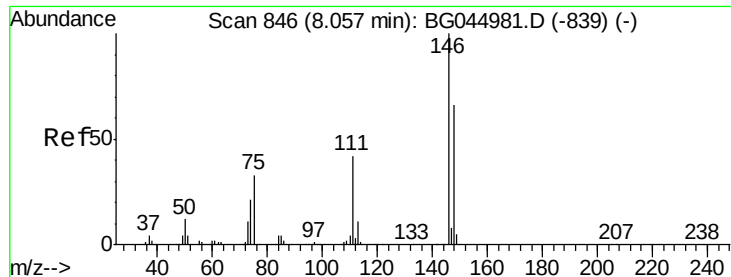
#12
1,3-Dichlorobenzene
Concen: 37.584 ng
RT: 7.86 min Scan# 813
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion: 146 Resp: 176016
Ion Ratio Lower Upper
146 100
148 68.0 54.6 81.8
75 35.6 26.0 39.0



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

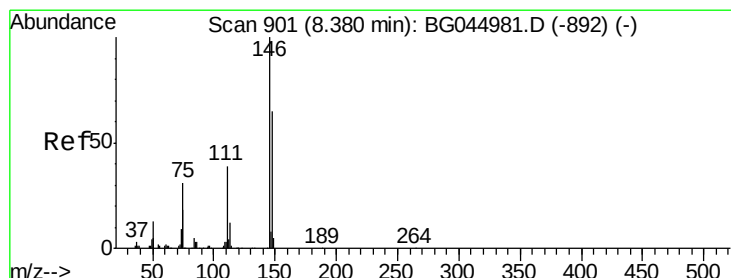
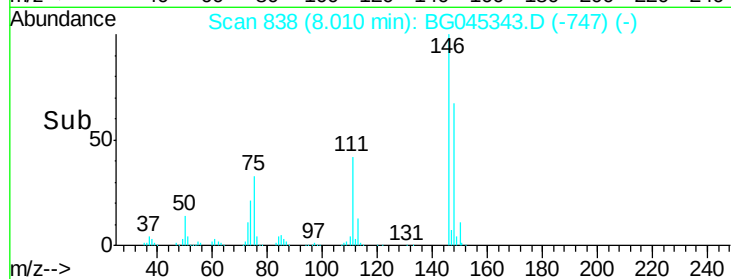
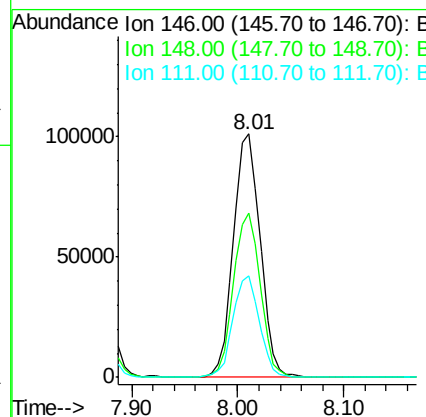
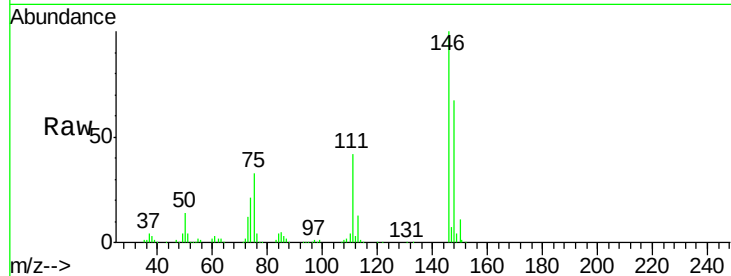




#13
 1,4-Dichlorobenzene
 Concen: 38.027 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

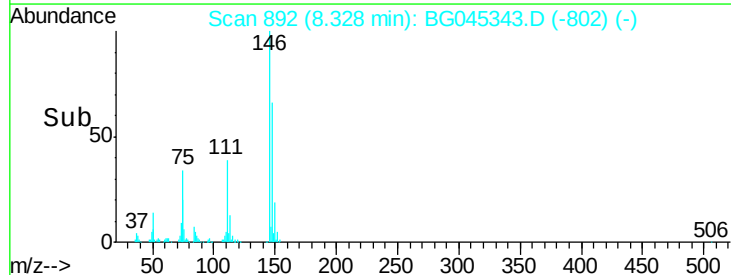
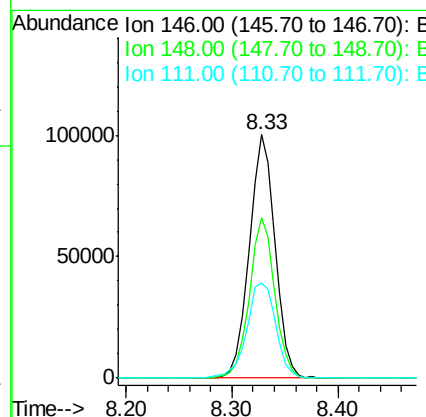
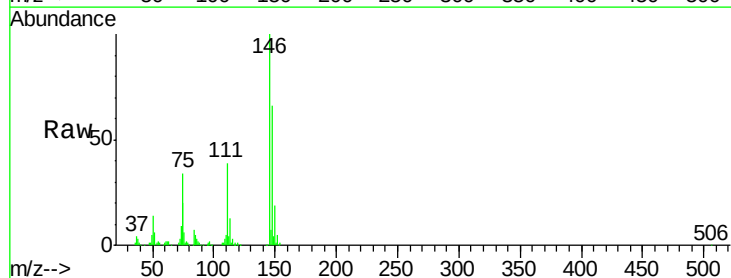
Instrument :
 BNA_G
 ClientSampleId :

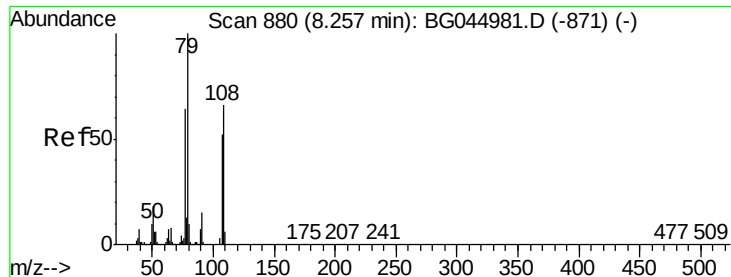
Tot Ion:146 Resp: 177455
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.3 79.9
 111 41.5 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 38.002 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion:146 Resp: 169657
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.9 77.9
 111 39.2 31.3 46.9





#15

Benzyl Alcohol

Concen: 37.301 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

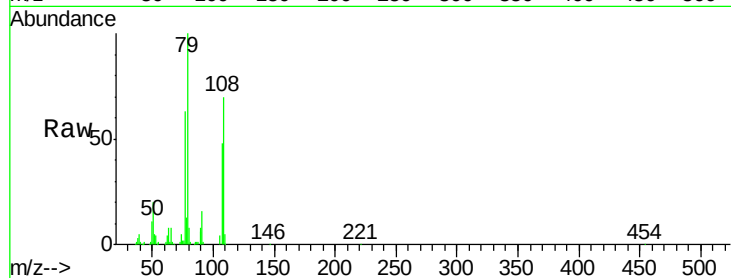
Tot Ion: 79 Resp: 171829

Ion Ratio Lower Upper

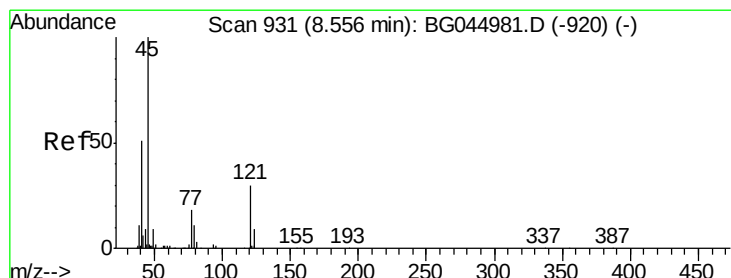
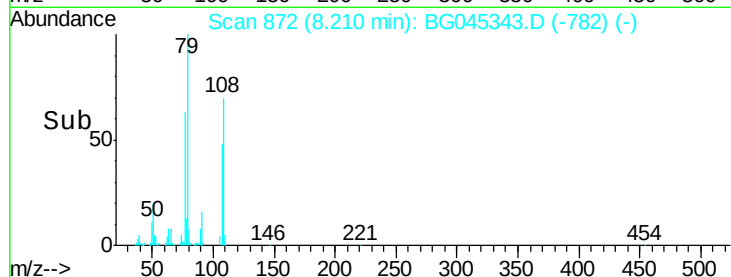
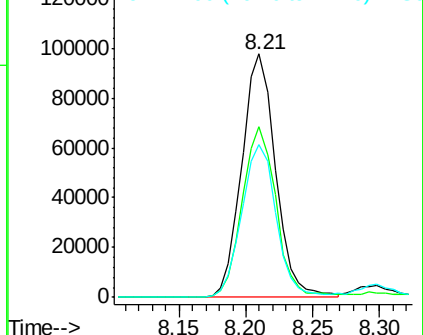
79 100

108 70.2 52.7 79.1

77 62.6 51.3 76.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.075 ng

RT: 8.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

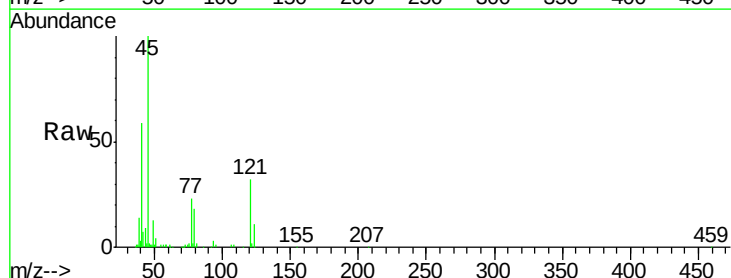
Tgt Ion: 45 Resp: 142125

Ion Ratio Lower Upper

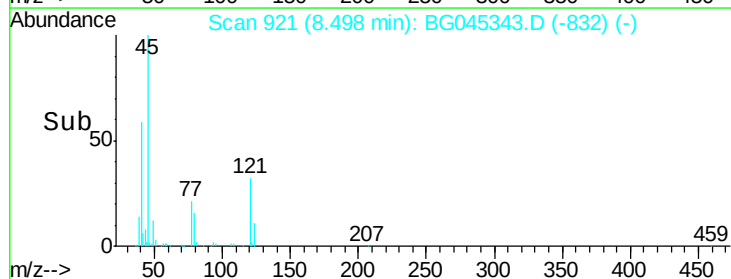
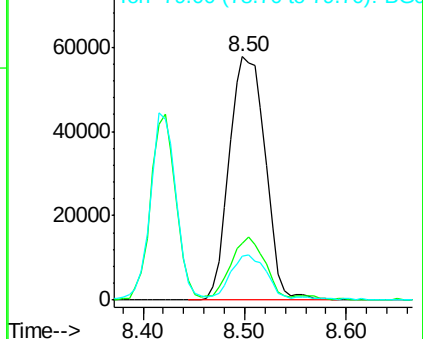
45 100

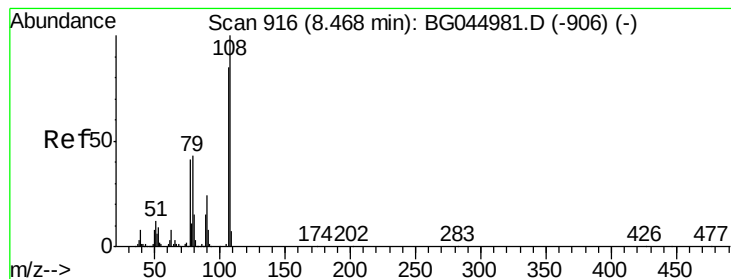
77 23.1 1.9 41.9

79 18.2 0.0 35.5



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





#17

2-Methylphenol

Concen: 35.849 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 152072

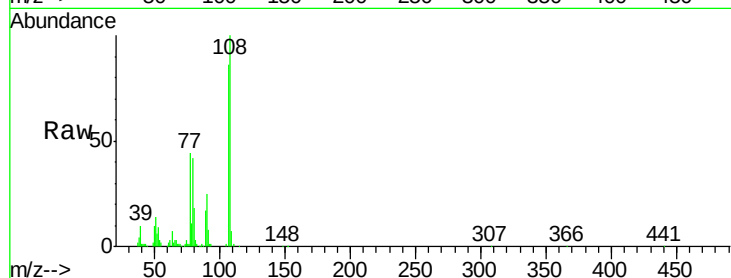
Ion Ratio Lower Upper

107 100

108 116.5 93.8 140.6

77 51.1 38.5 57.7

79 49.5 40.1 60.1



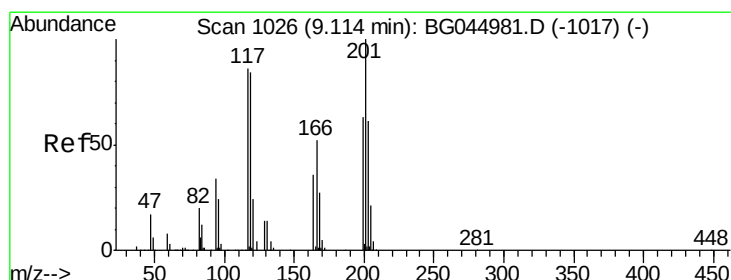
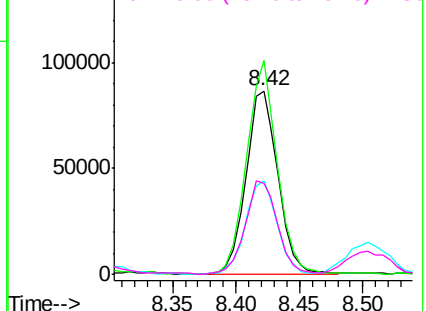
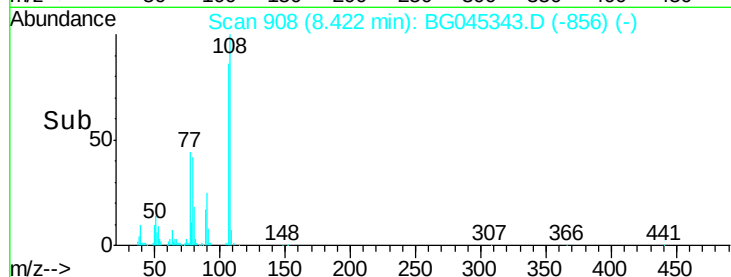
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.771 ng

RT: 9.06 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

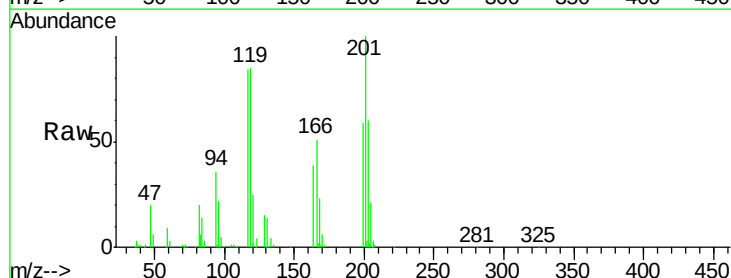
Tgt Ion:117 Resp: 66262

Ion Ratio Lower Upper

117 100

119 101.2 78.3 117.5

201 118.6 92.9 139.3

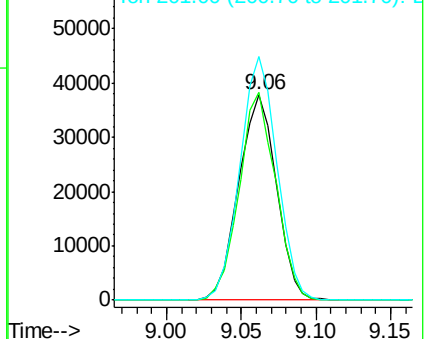
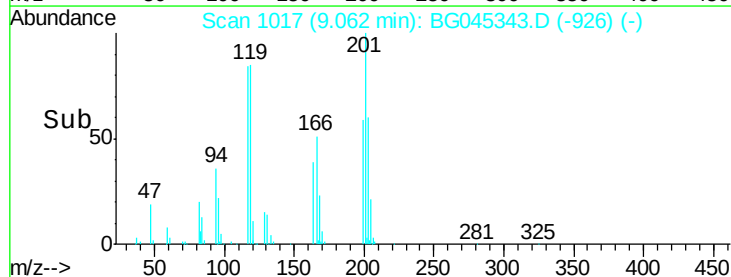


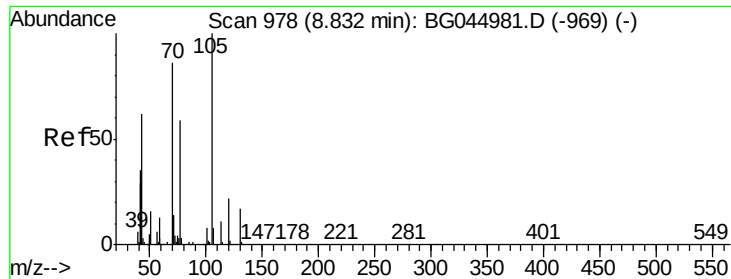
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

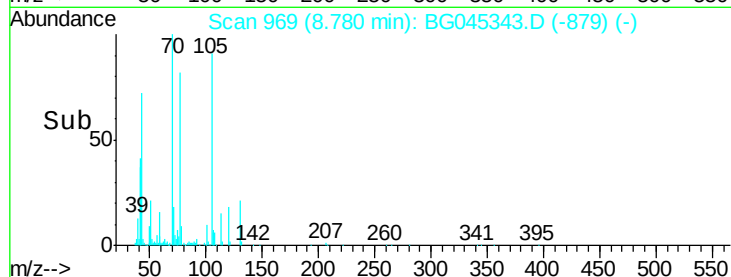
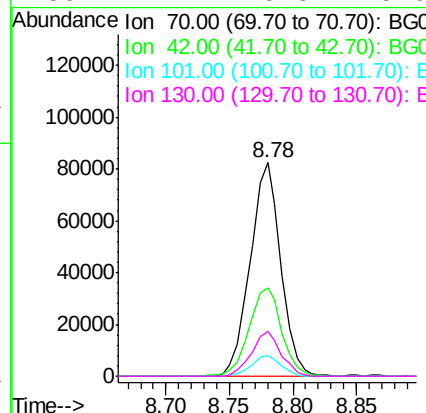
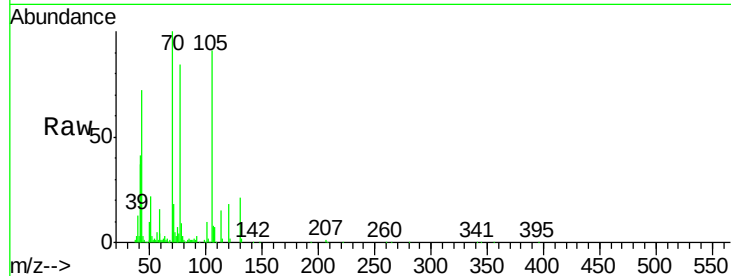




#19
n-Nitroso-di-n-propylamine
Concen: 35.498 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

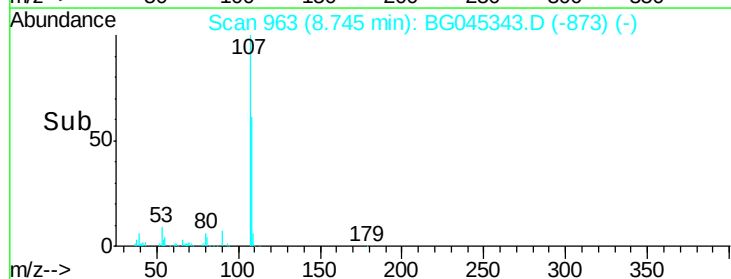
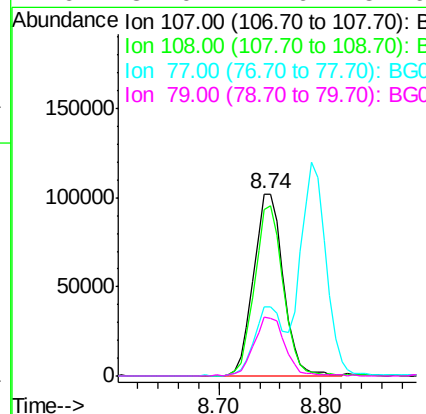
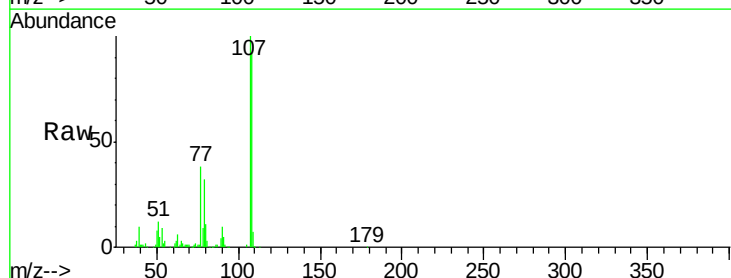
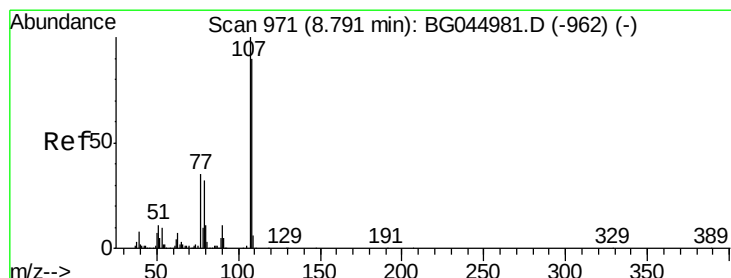
Instrument :
BNA_G
ClientSampleId :

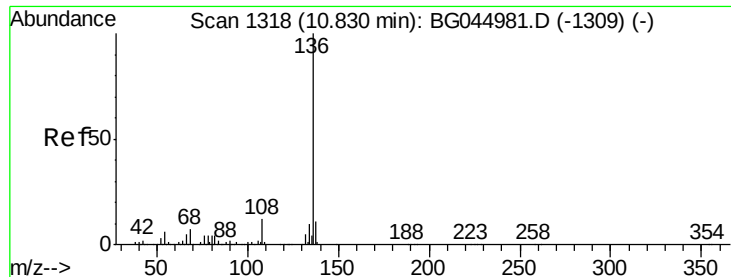
Tot Ion:	70	Resp:	137929
Ion	Ratio	Lower	Upper
70	100		
42	41.3	33.3	49.9
101	9.8	7.8	11.8
130	21.2	15.8	23.6



#20
3+4-Methylphenols
Concen: 35.116 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:	107	Resp:	208506
Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.9	109.9
77	37.8	15.2	55.2
79	32.0	11.6	51.6

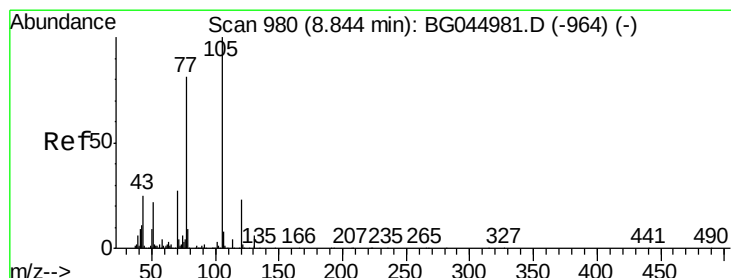
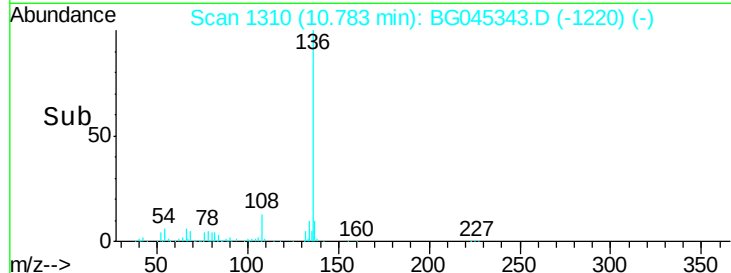
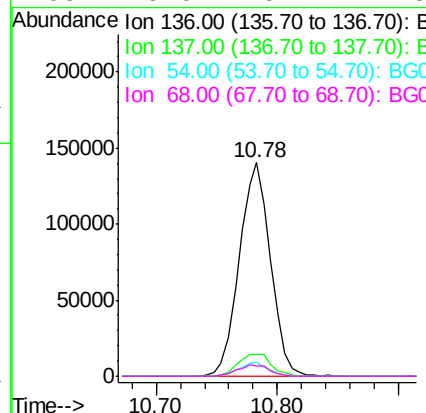
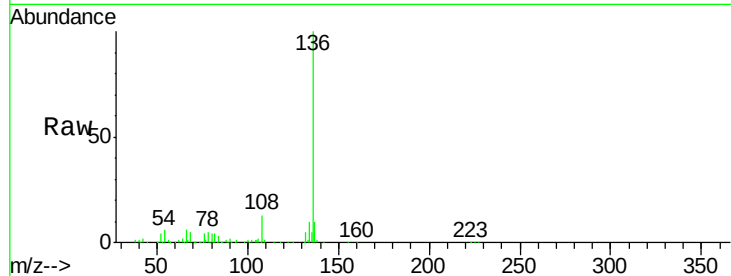




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

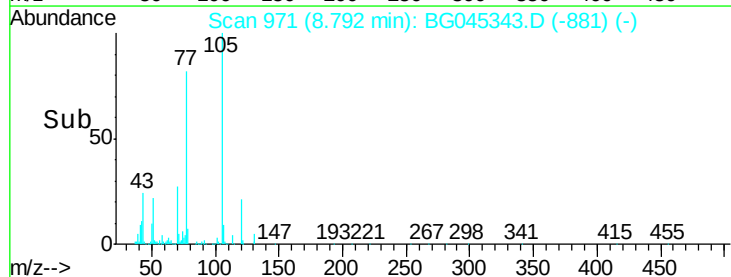
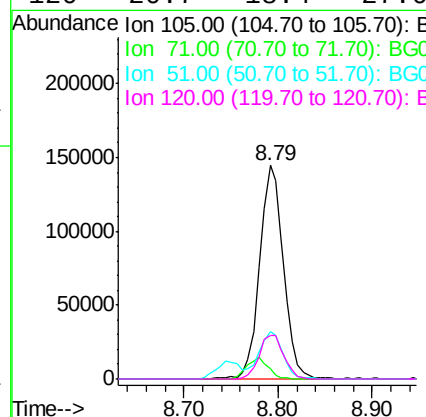
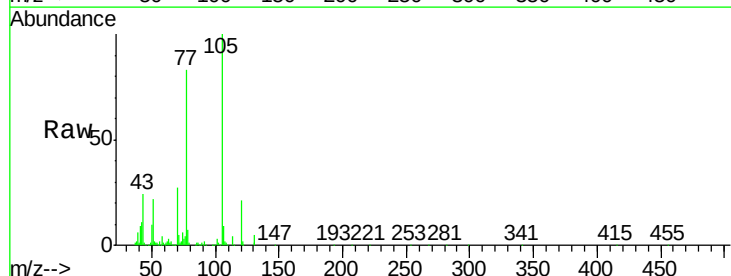
Instrument :
BNA_G
ClientSampleId :

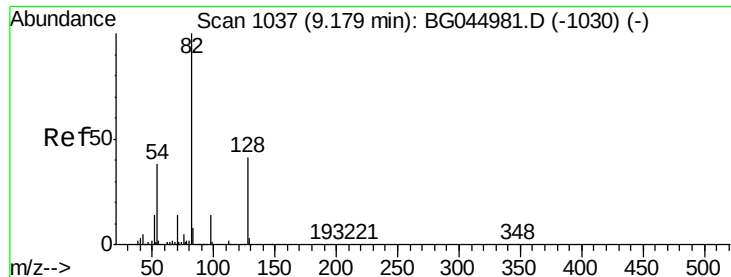
Tot Ion:136	Resp:	250691
Ion Ratio	Lower	Upper
136 100		
137 10.5	8.6	13.0
54 6.4	4.8	7.2
68 5.0	5.2	7.8



#22
Acetophenone
Concen: 37.418 ng
RT: 8.79 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:105	Resp:	253666
Ion Ratio	Lower	Upper
105 100		
71 4.6	3.3	4.9
51 22.3	17.3	25.9
120 20.7	18.4	27.6

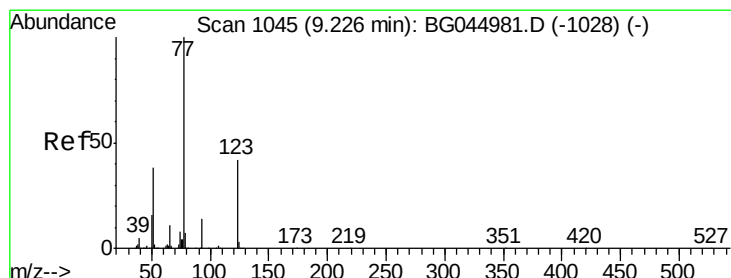
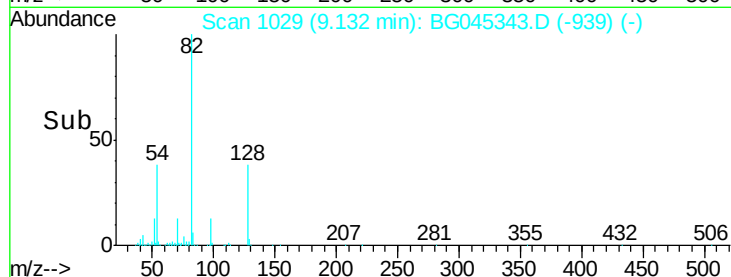
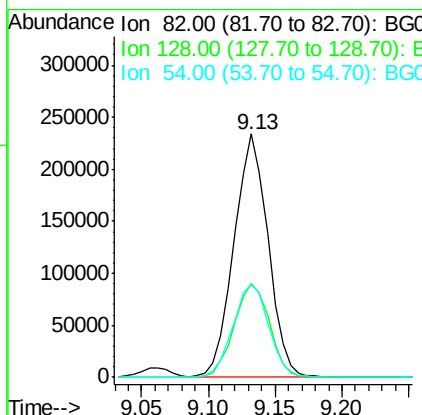
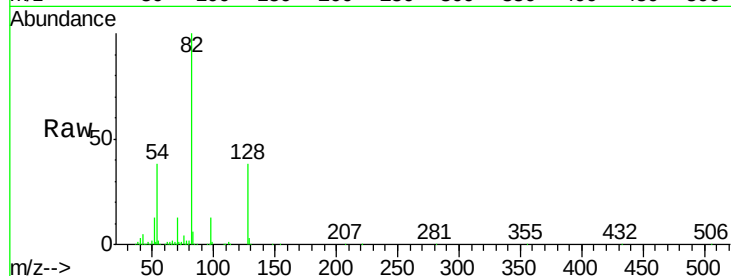




#23
 Nitrobenzene-d5
 Concen: 75.146 ng
 RT: 9.13 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

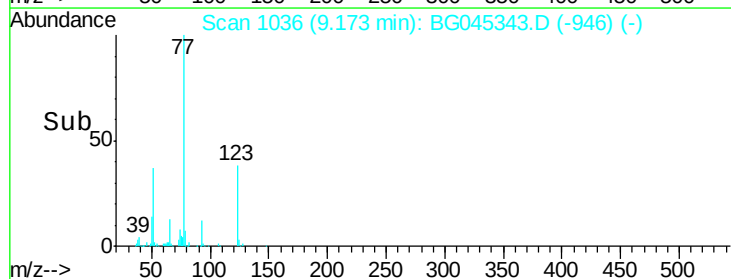
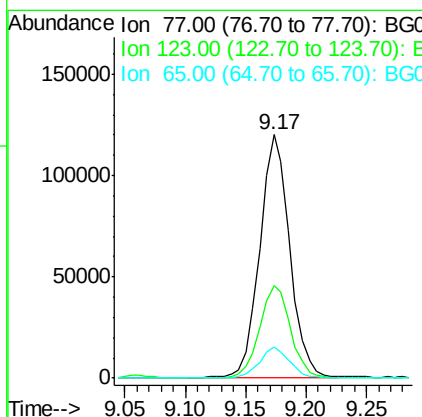
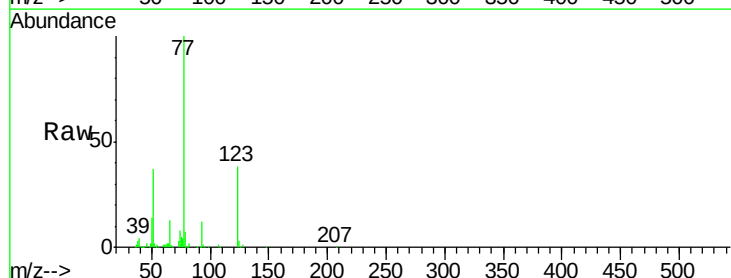
Instrument :
 BNA_G
 ClientSampleId :

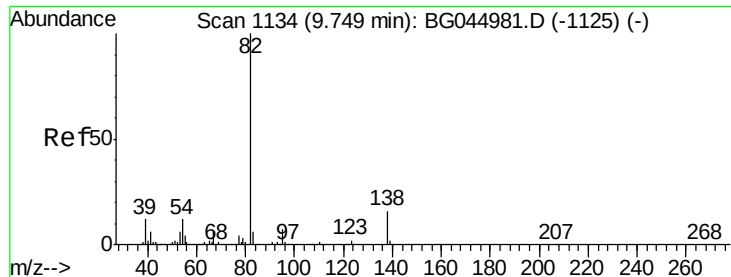
Tot Ion	82	Resp	412861
Ion Ratio	Lower	Upper	
82	100		
128	38.3	33.0	49.4
54	38.2	30.4	45.6



#24
 Nitrobenzene
 Concen: 37.063 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	77	Resp	208731
Ion Ratio	Lower	Upper	
77	100		
123	38.0	34.3	51.5
65	12.6	8.9	13.3





#25

Isophorone

Concen: 35.068 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

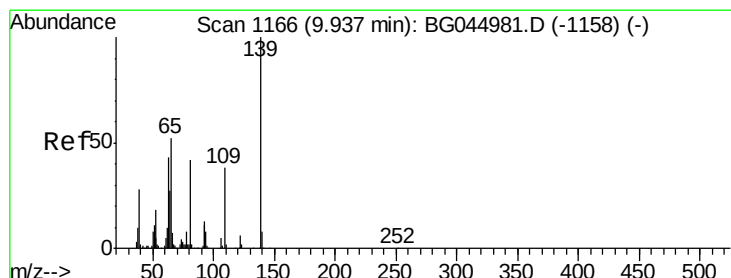
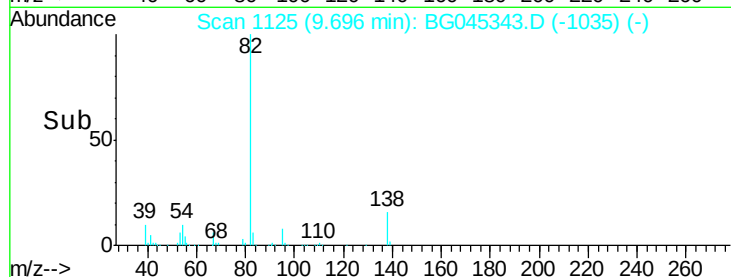
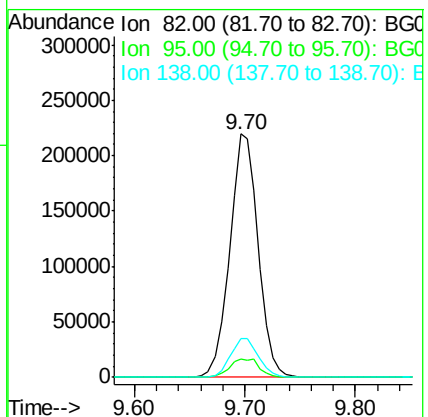
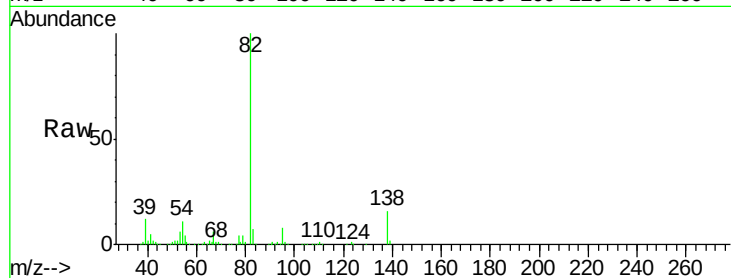
Tot Ion: 82 Resp: 394561

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 16.1 12.7 19.1



#26

2-Nitrophenol

Concen: 38.512 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

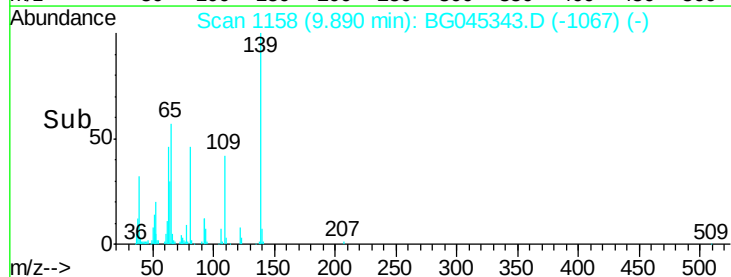
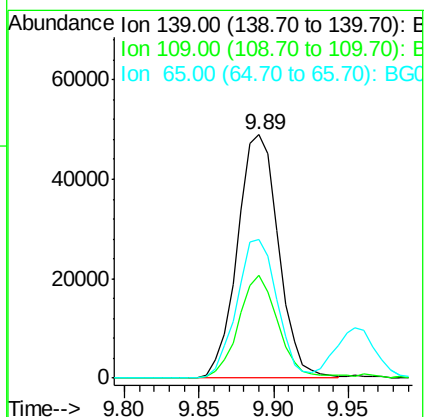
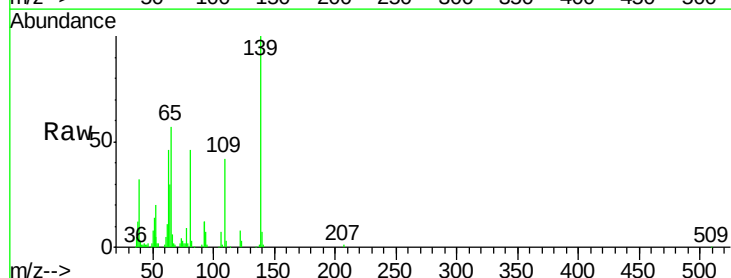
Tgt Ion: 139 Resp: 93425

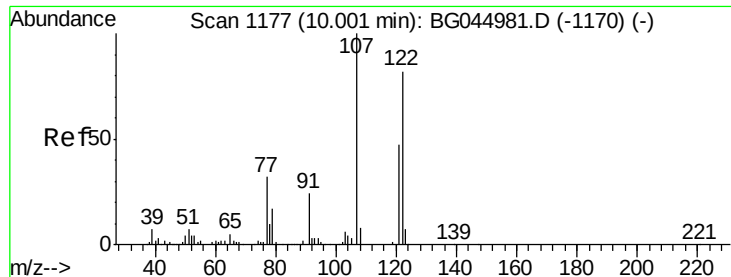
Ion Ratio Lower Upper

139 100

109 42.2 30.6 45.8

65 56.7 41.8 62.6

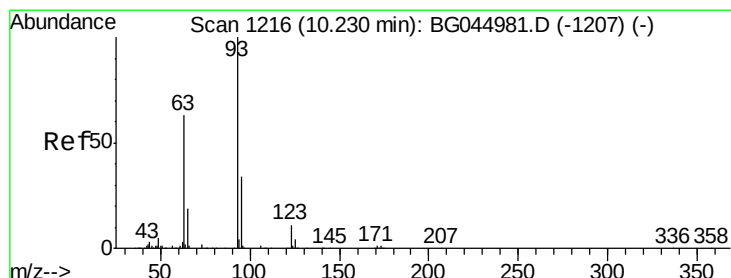
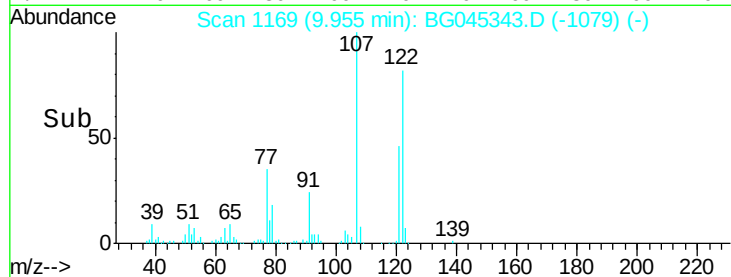
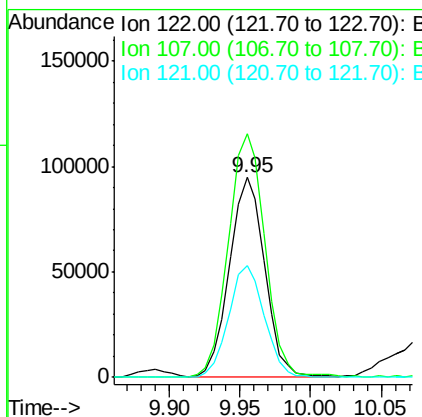
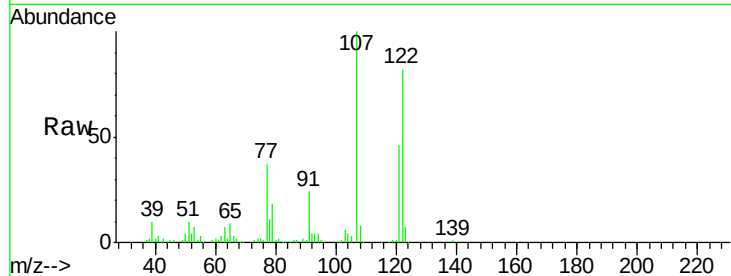




#27
 2,4-Dimethylphenol
 Concen: 42.569 ng
 RT: 9.95 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

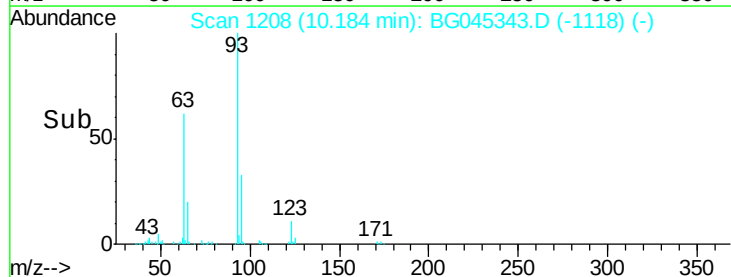
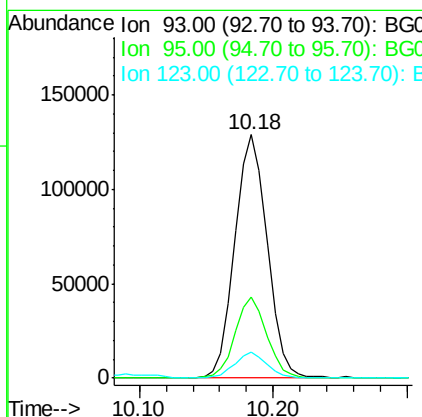
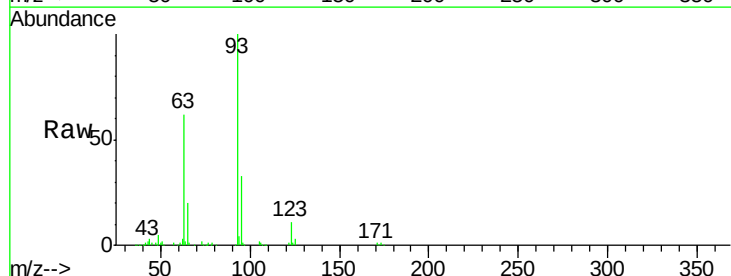
Instrument :
 BNA_G
 ClientSampleId :

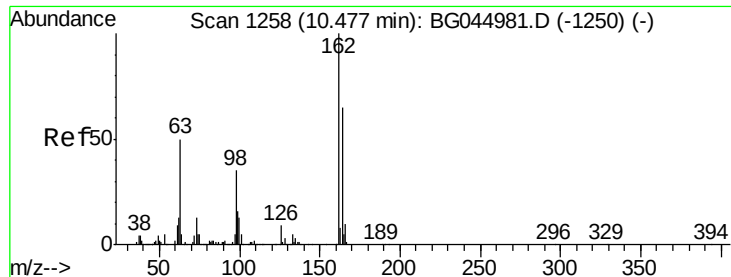
Tot Ion:122 Resp: 163854
 Ion Ratio Lower Upper
 122 100
 107 121.9 96.8 145.2
 121 56.1 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.754 ng
 RT: 10.18 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion: 93 Resp: 217275
 Ion Ratio Lower Upper
 93 100
 95 33.0 27.0 40.4
 123 10.7 8.7 13.1

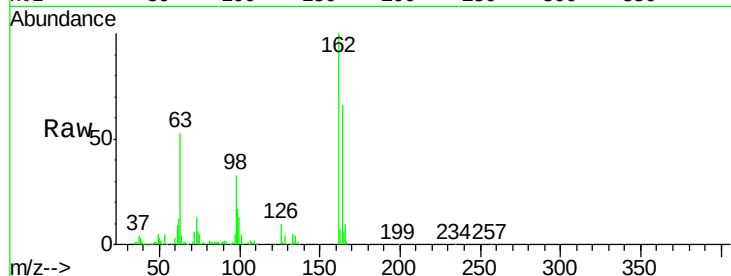




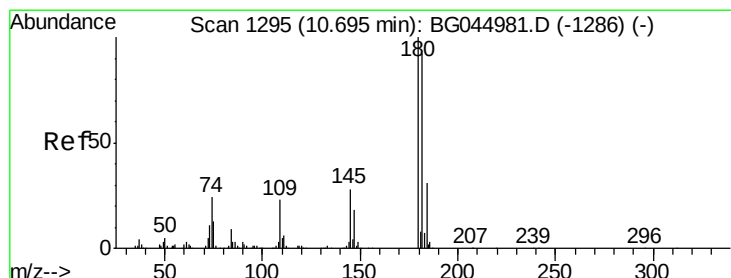
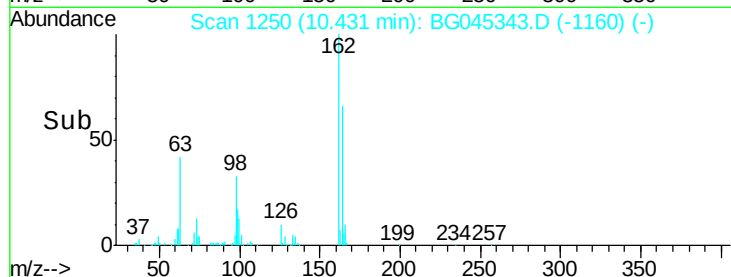
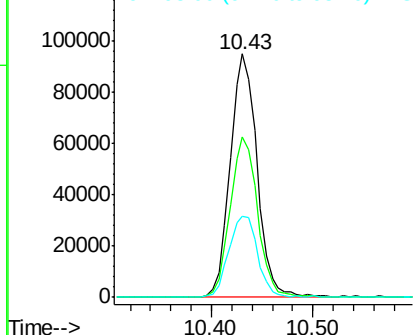
#29
 2,4-Dichlorophenol
 Concen: 39.298 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	45.0	85.0
98	33.1	15.2	55.2

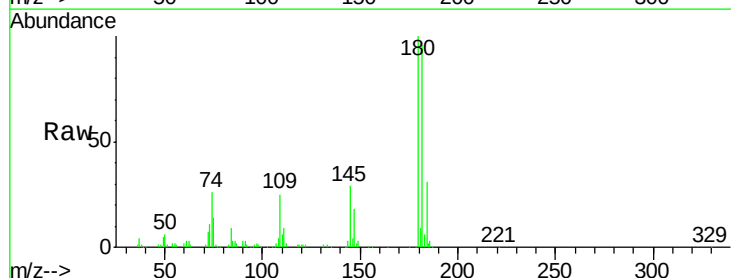


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

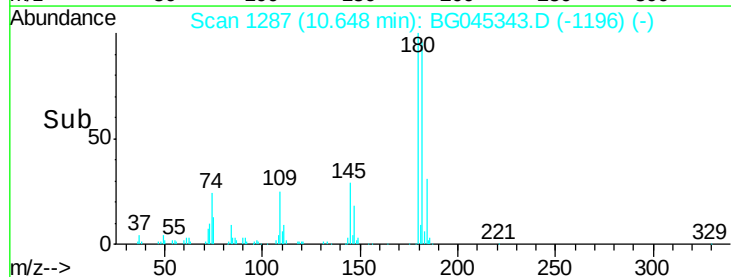
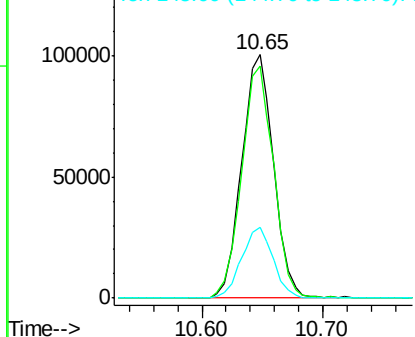


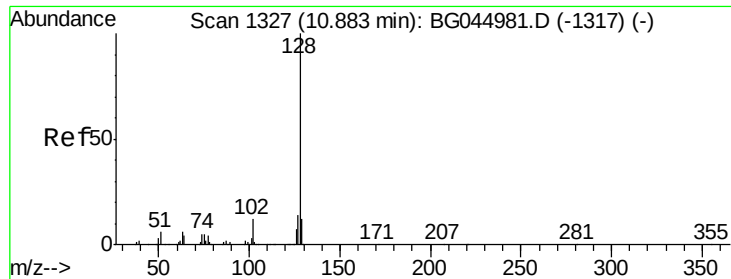
#30
 1,2,4-Trichlorobenzene
 Concen: 36.597 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	73.3	109.9
145	28.9	22.6	33.8



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

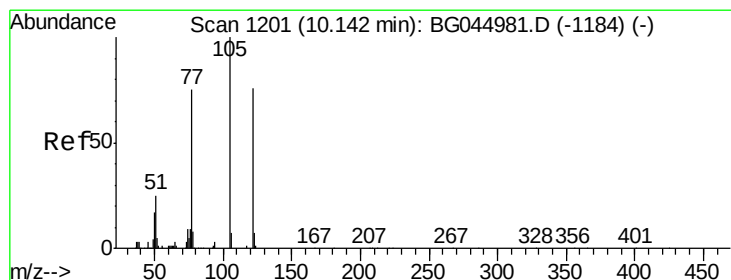
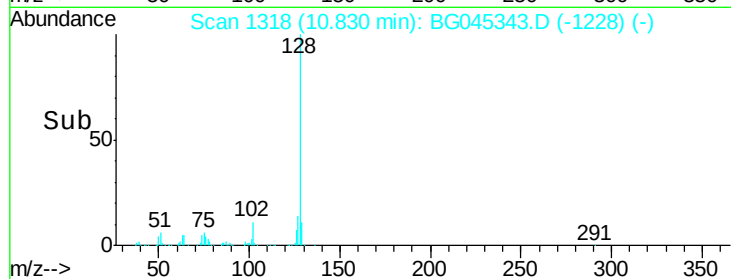
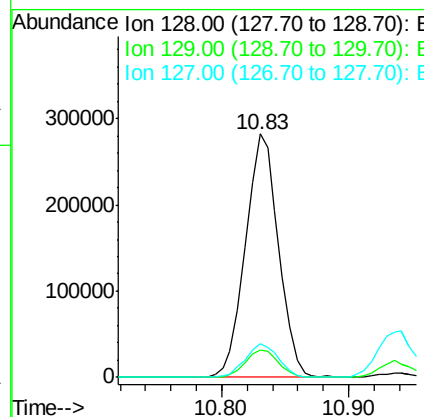
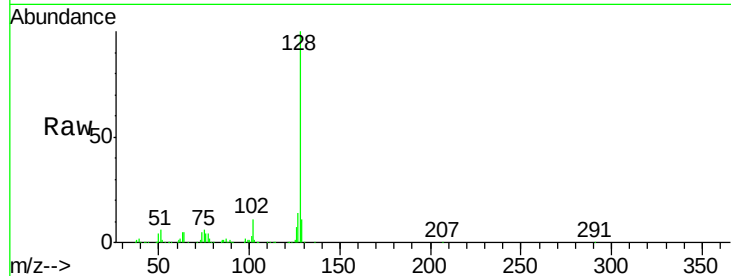




#31
Naphthalene
Concen: 37.187 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

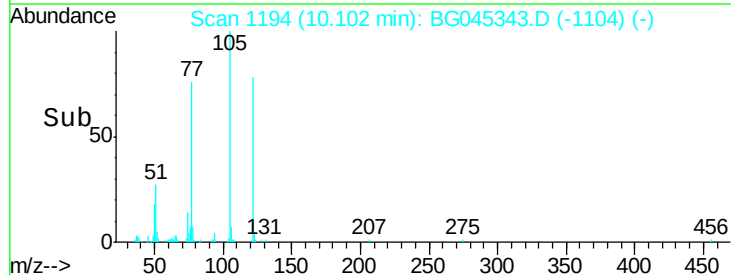
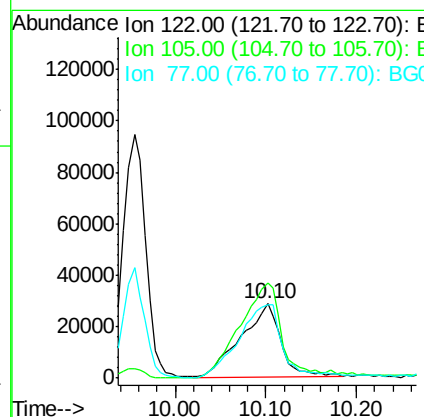
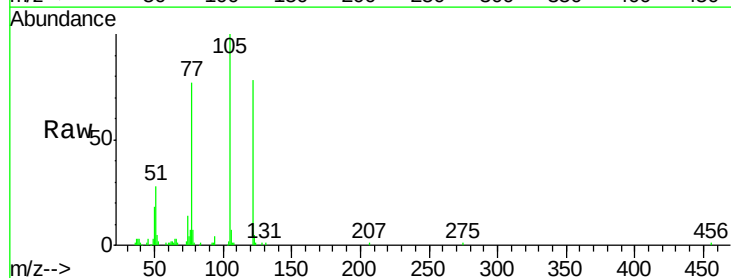
Instrument :
BNA_G
ClientSampleId :

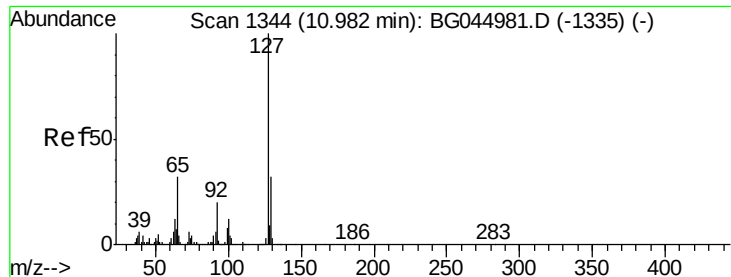
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.2
127	14.0	10.8	16.2



#32
Benzoic acid
Concen: 30.822 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	108.4	148.4
77	98.4	78.8	118.8

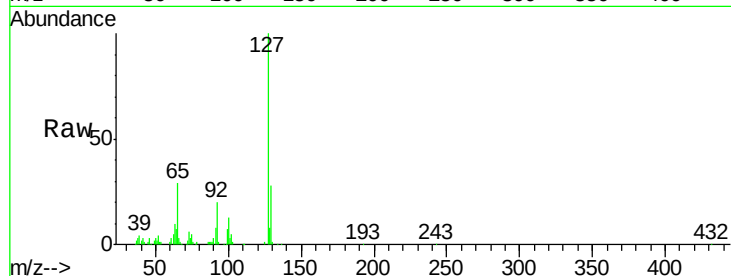




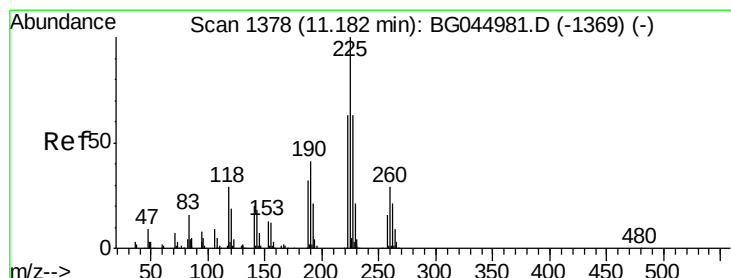
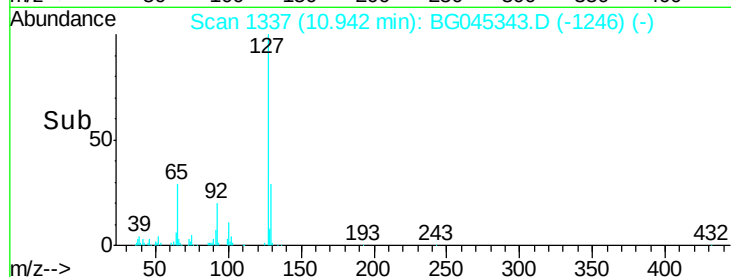
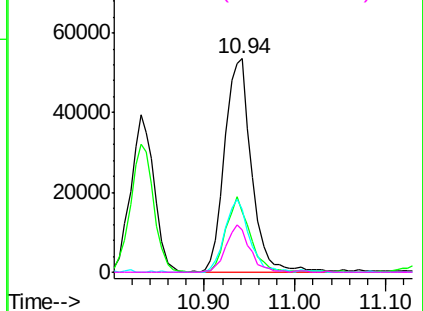
#33
4-Chloroaniline
Concen: 17.328 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	110827
Ion	Ratio	Lower Upper
127	100	
129	28.4	25.7 38.5
65	29.3	25.4 38.2
92	20.0	16.1 24.1

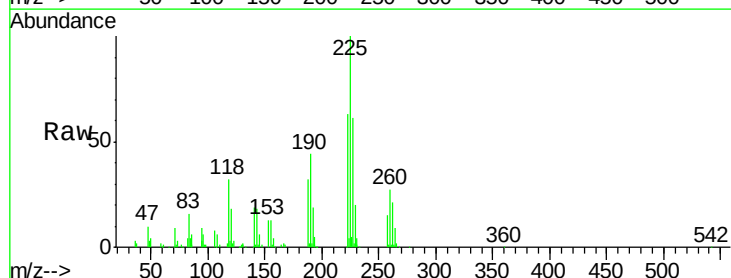


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

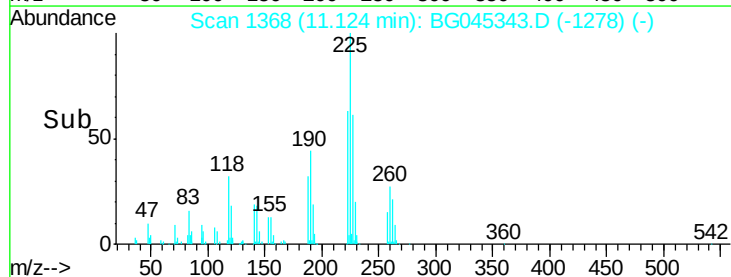
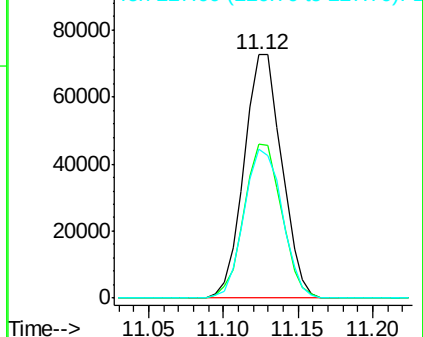


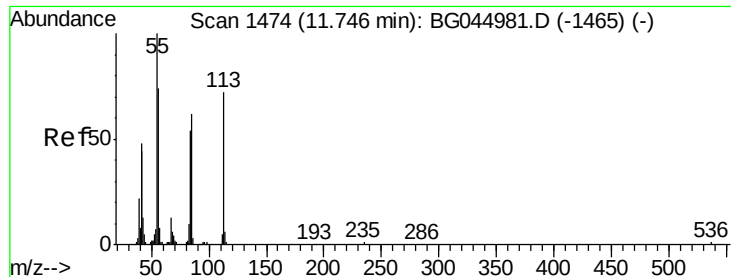
#34
Hexachlorobutadiene
Concen: 36.889 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:225	Resp:	127271
Ion	Ratio	Lower Upper
225	100	
223	63.0	50.7 76.1
227	61.2	50.2 75.2



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

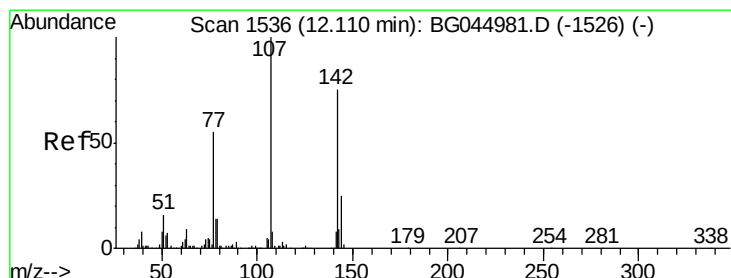
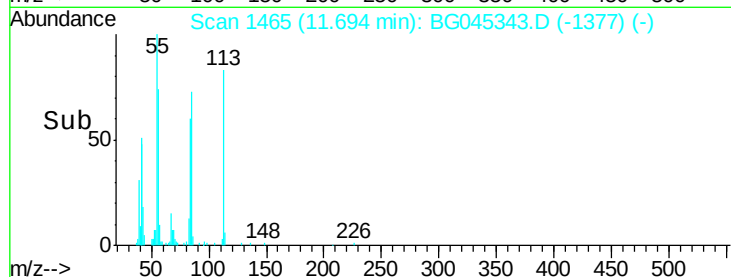
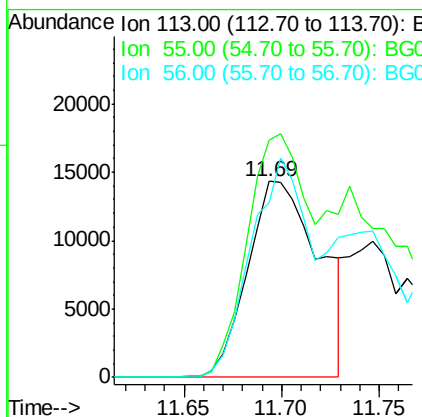
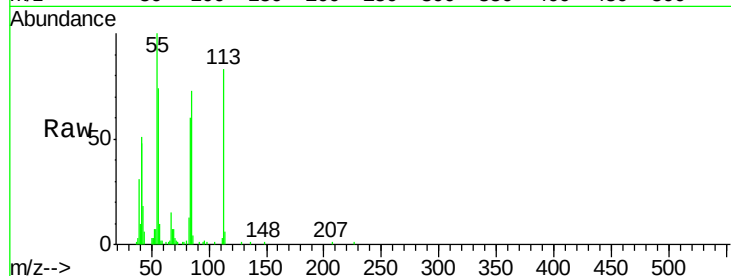




#35
 Caprolactam
 Concen: 20.686 ng
 RT: 11.69 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

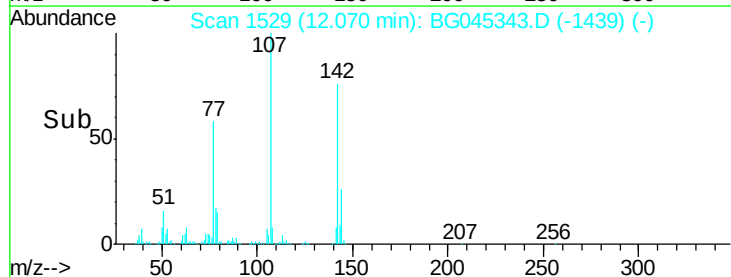
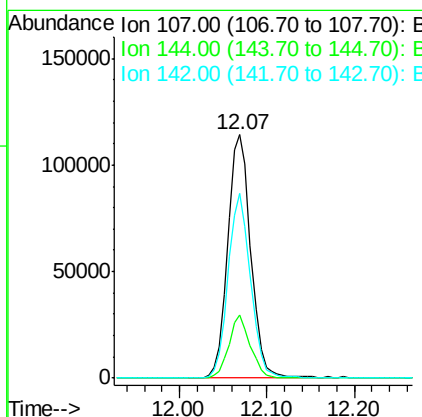
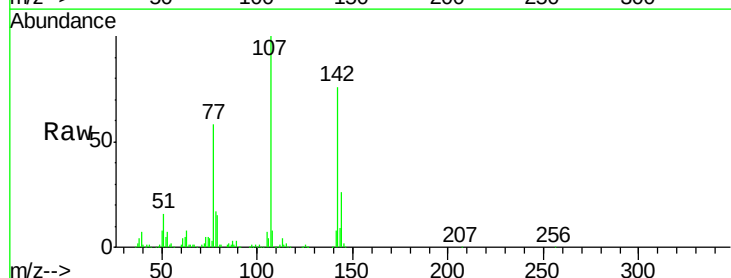
Instrument :
 BNA_G
 ClientSampled :

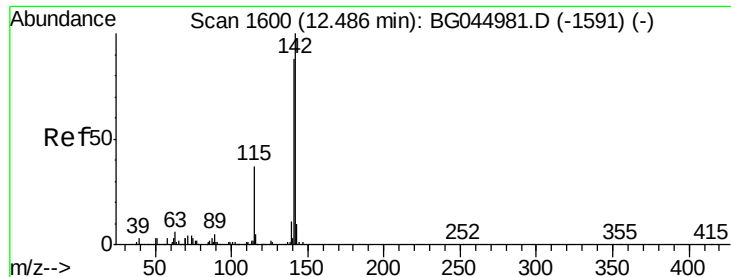
Tot Ion:113 Resp: 36591
 Ion Ratio Lower Upper
 113 100
 55 121.0 118.8 158.8
 56 89.2 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.442 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion:107 Resp: 205932
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.8 29.6
 142 75.7 59.7 89.5

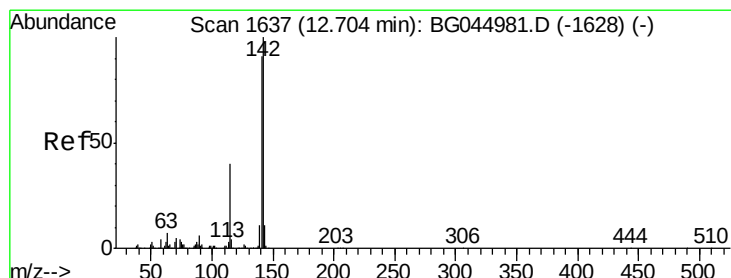
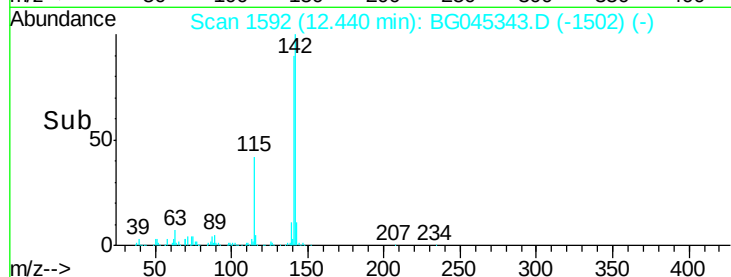
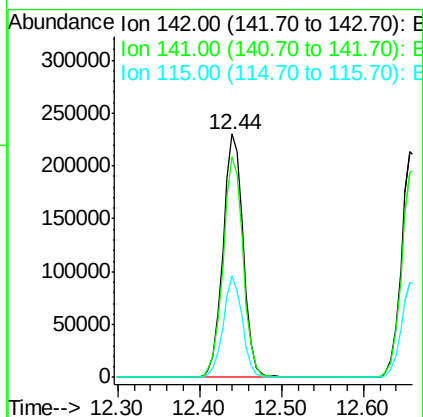
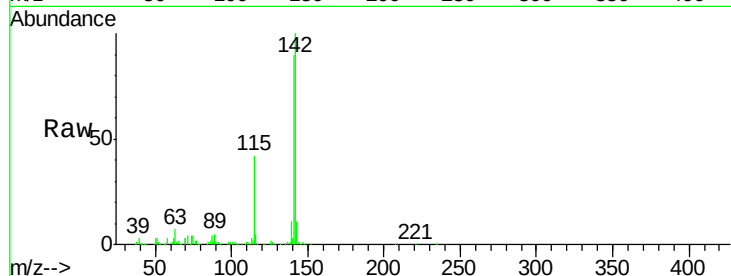




#37
 2-Methylnaphthalene
 Concen: 36.934 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

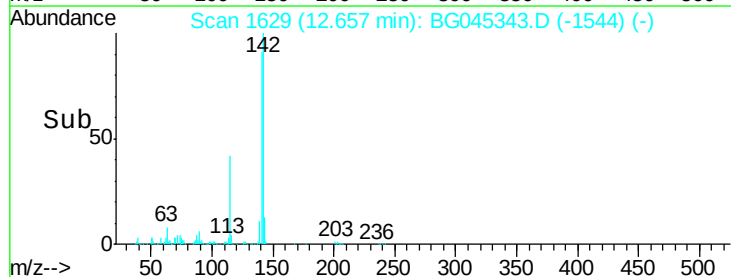
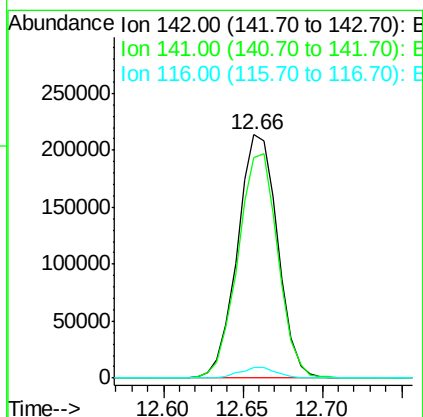
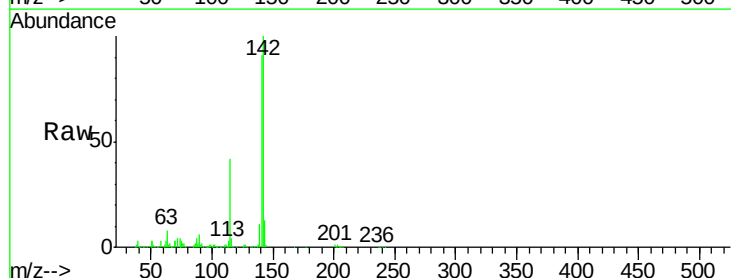
Instrument :
 BNA_G
 ClientSampleId :

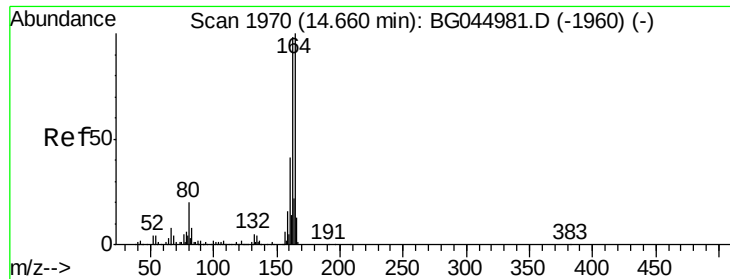
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.3	105.5
115	41.6	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 37.182 ng
 RT: 12.66 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

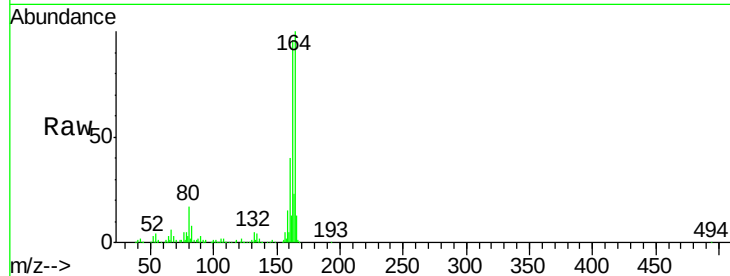
Tot Ion:164 Resp: 187636

Ion Ratio Lower Upper

164 100

162 95.9 78.7 118.1

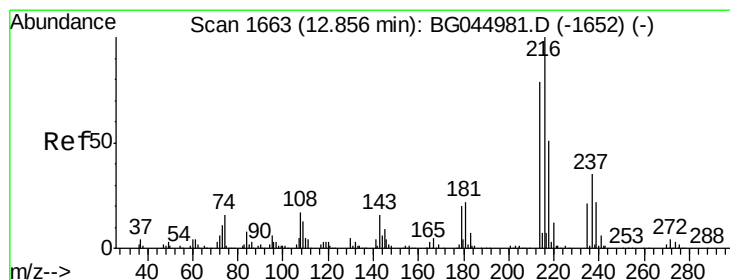
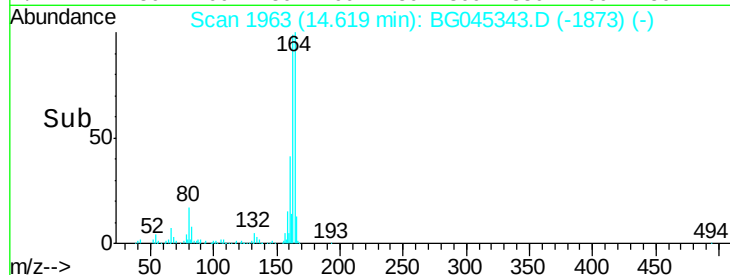
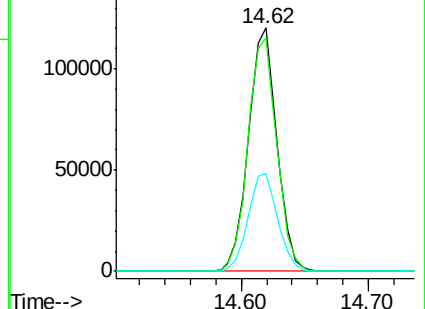
160 40.2 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.182 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Tgt Ion:216 Resp: 218590

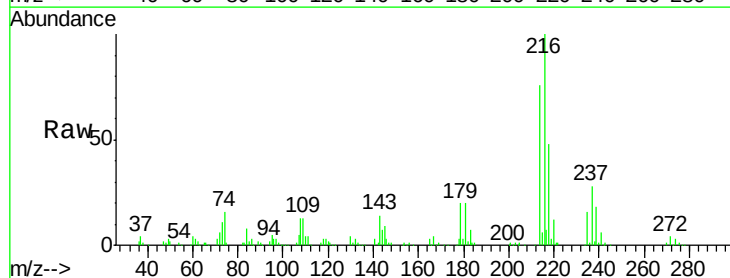
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 19.9 15.8 23.8

108 19.9 14.2 21.2

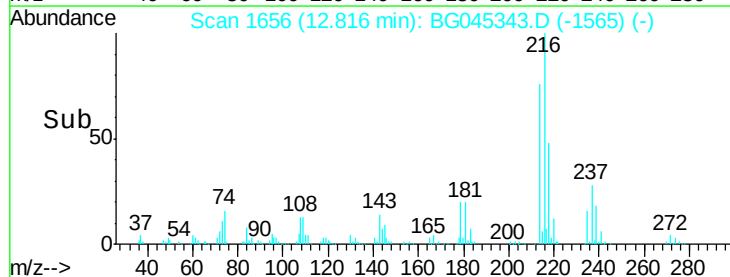
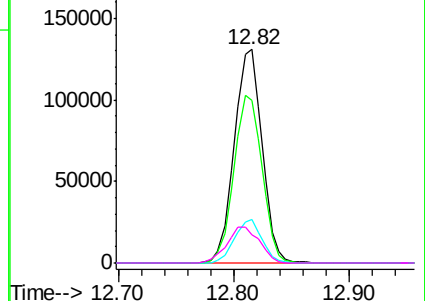


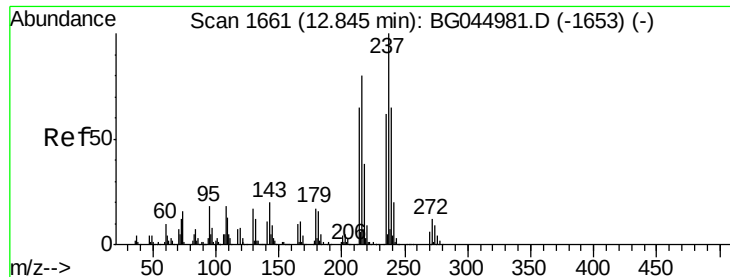
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 78.063 ng

RT: 12.80 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

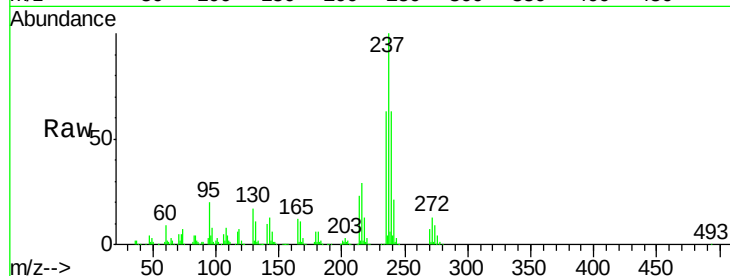
Tot Ion:237 Resp: 294761

Ion Ratio Lower Upper

237 100

235 63.3 41.6 81.6

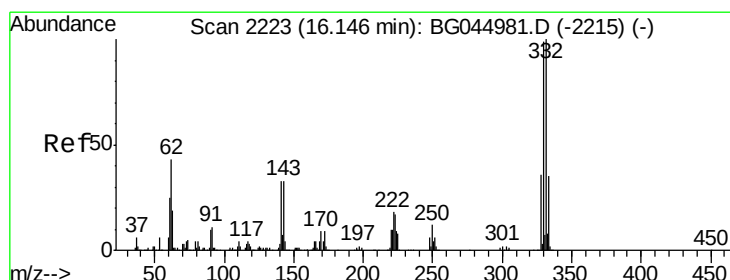
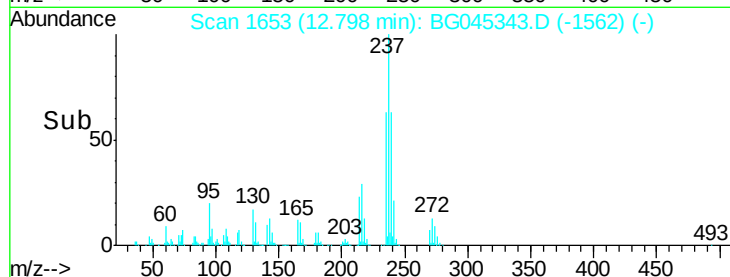
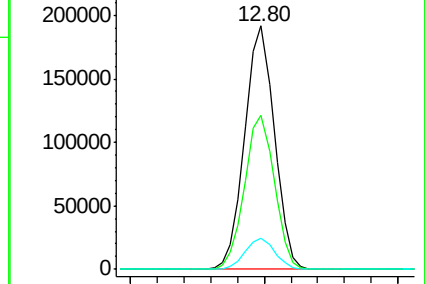
272 12.6 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.541 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

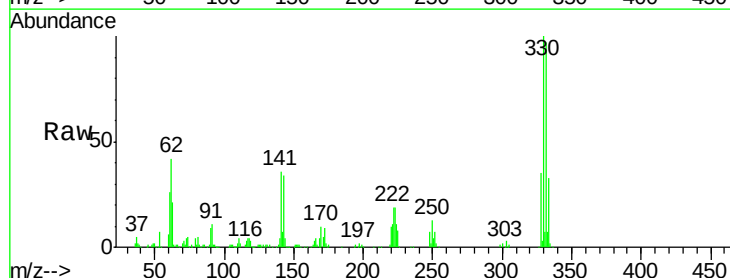
Tgt Ion:330 Resp: 323326

Ion Ratio Lower Upper

330 100

332 97.9 79.1 118.7

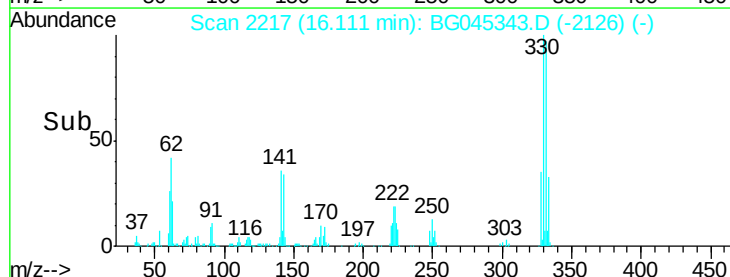
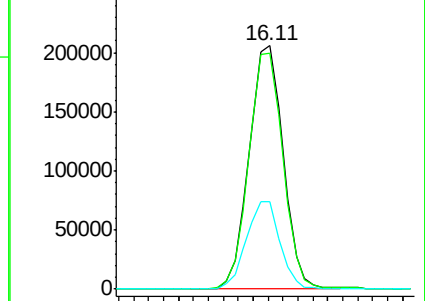
141 35.9 27.1 40.7

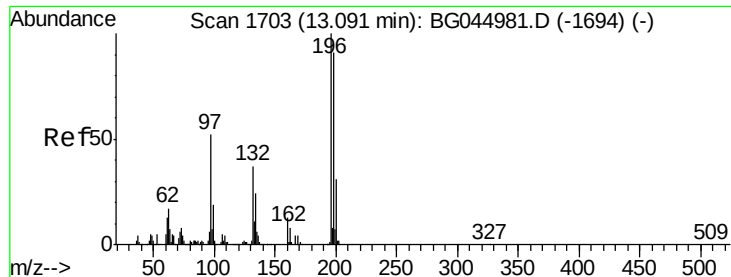


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

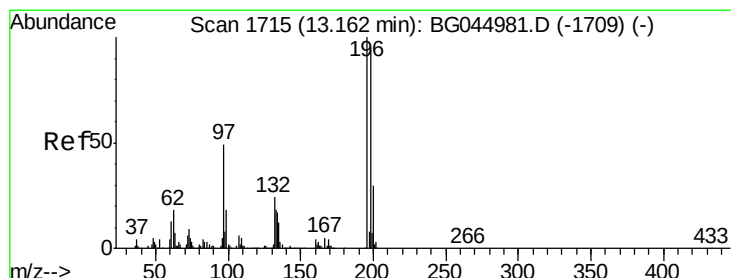
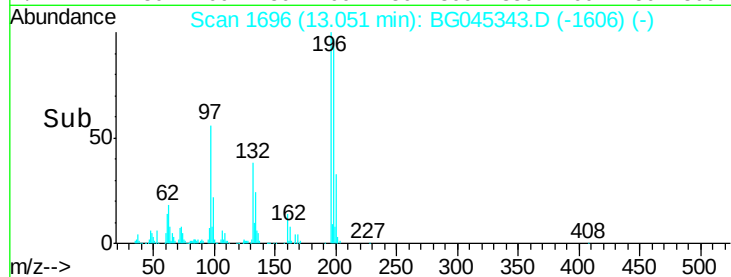
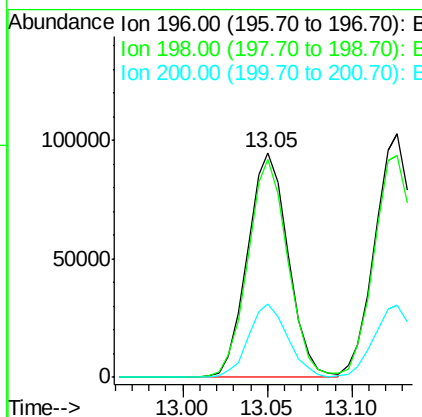
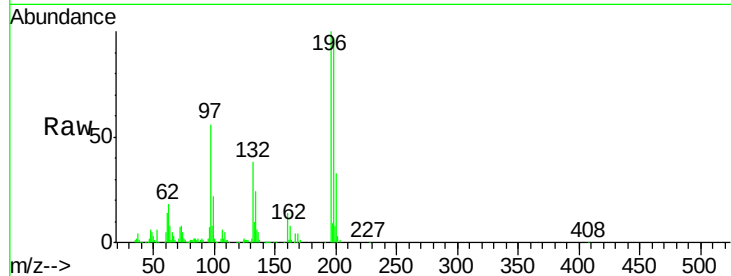




#43
 2,4,6-Trichlorophenol
 Concen: 37.175 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

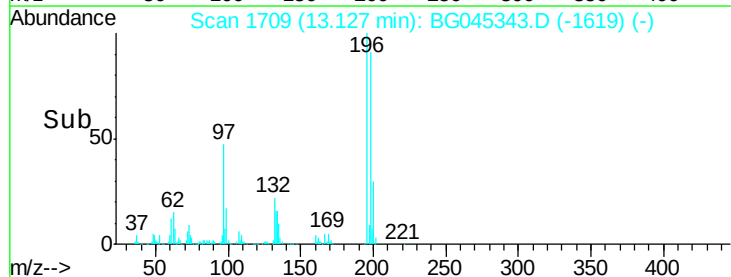
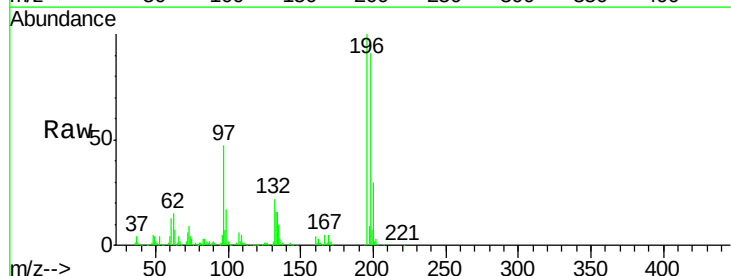
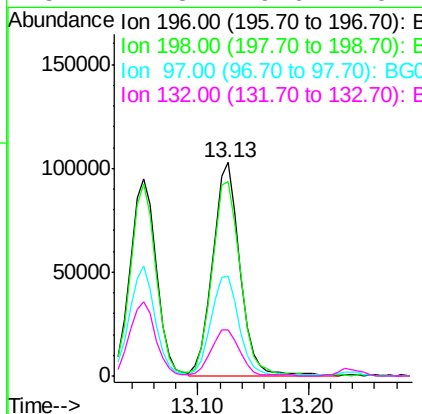
Instrument :
 BNA_G
 ClientSampleId :

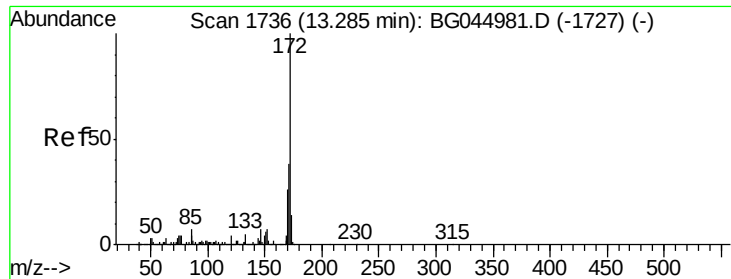
Tot Ion	196	Resp	158505
Ion Ratio	Lower	Upper	
196	100		
198	97.4	72.5	108.7
200	32.9	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 35.884 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	196	Resp	174158
Ion Ratio	Lower	Upper	
196	100		
198	91.4	75.7	113.5
97	46.5	39.6	59.4
132	21.8	19.6	29.4

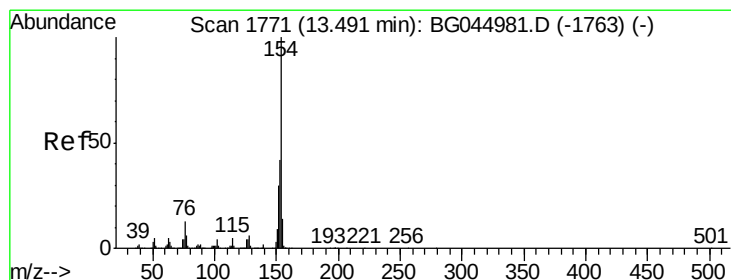
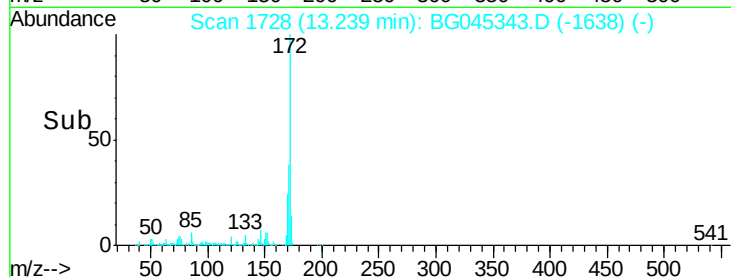
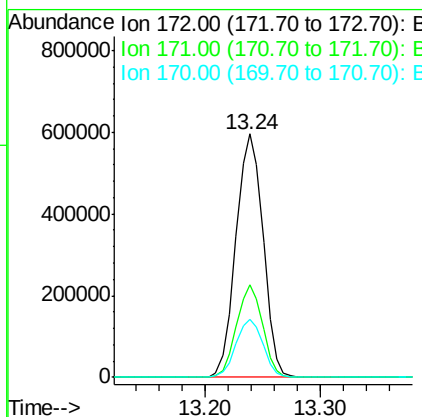
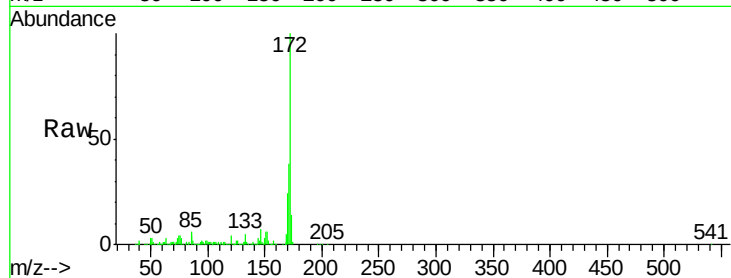




#45
2-Fluorobiphenyl
Concen: 75.775 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

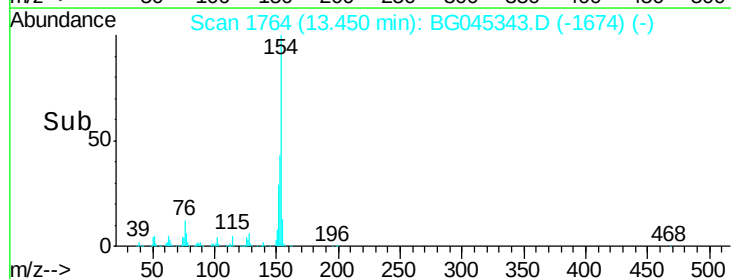
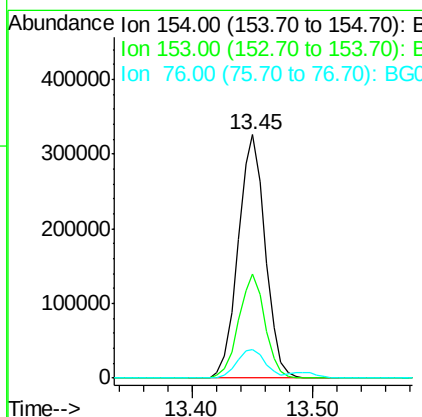
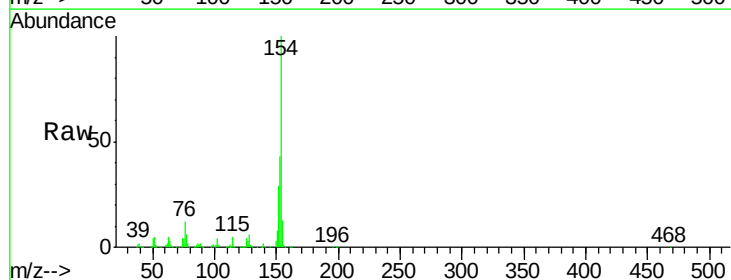
Instrument :
BNA_G
ClientSampleId :

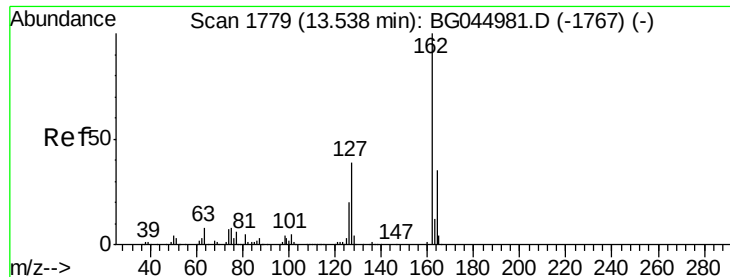
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.6	46.0
170	24.1	20.5	30.7



#46
1,1'-Biphenyl
Concen: 35.698 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	21.9	61.9
76	11.8	0.0	33.1

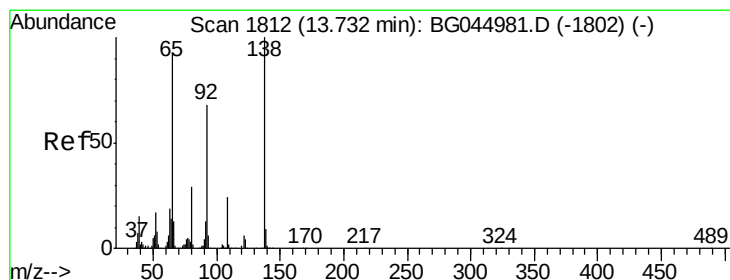
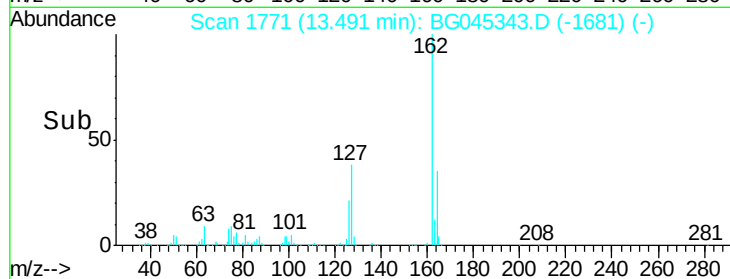
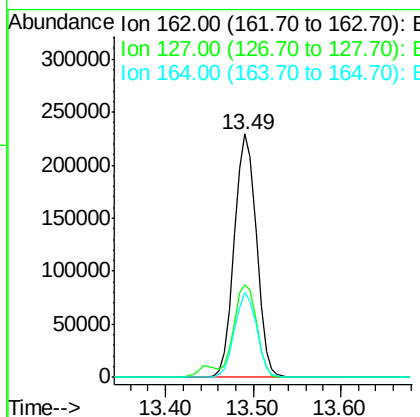
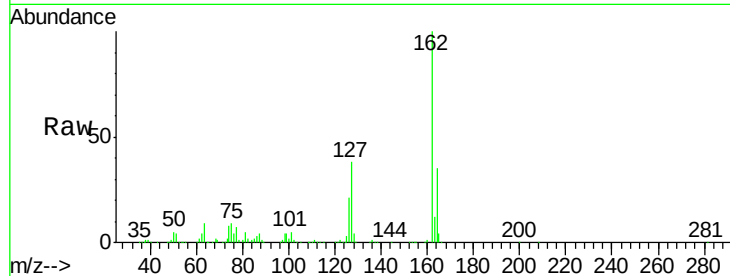




#47
 2-Chloronaphthalene
 Concen: 35.924 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

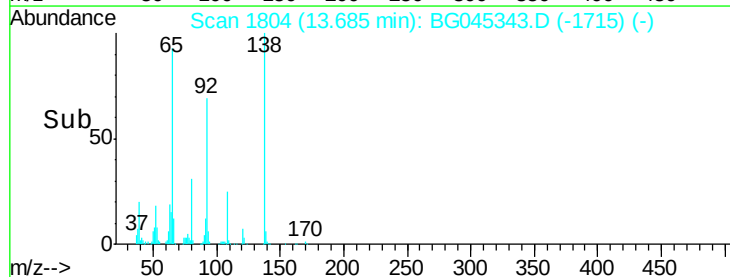
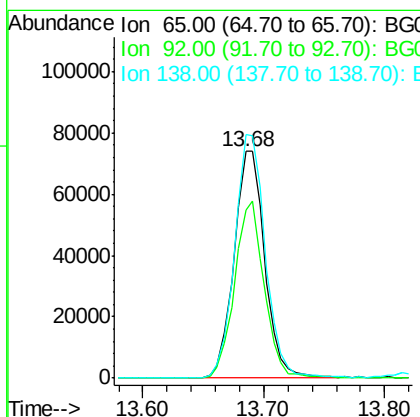
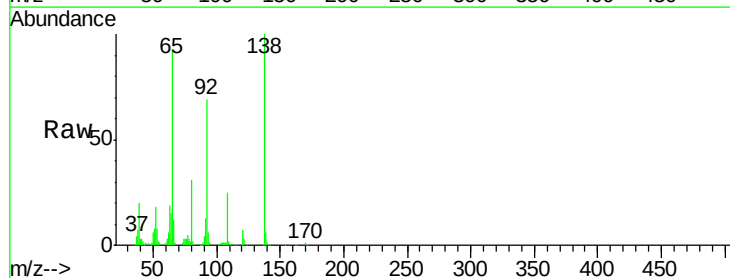
Instrument :
 BNA_G
 ClientSampleId :

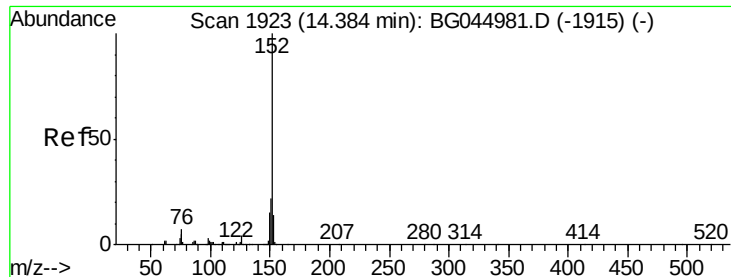
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.3	46.9
164	35.0	27.8	41.8



#48
 2-Nitroaniline
 Concen: 36.600 ng
 RT: 13.68 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.3	87.5
138	107.3	85.6	128.4





#49

Acenaphthylene

Concen: 37.211 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampled :

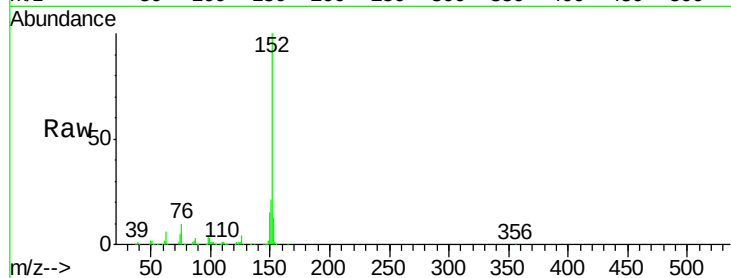
Tot Ion:152 Resp: 660502

Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

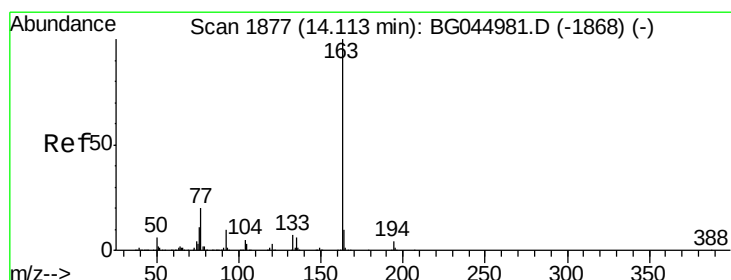
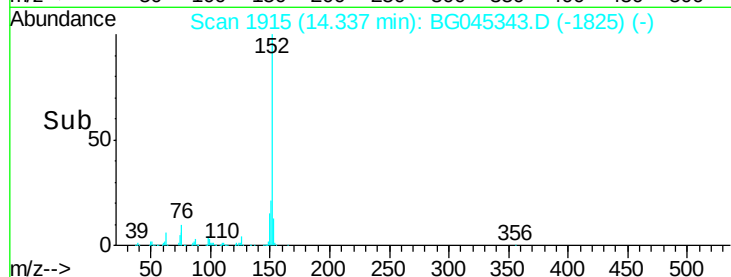
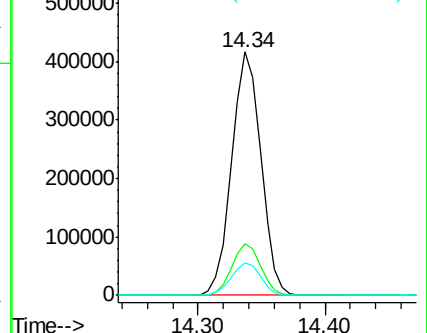
153 13.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.513 ng

RT: 14.07 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

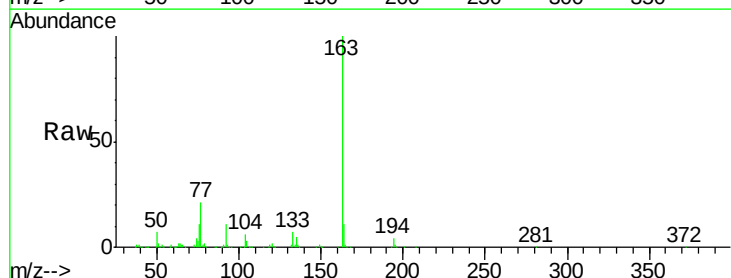
Tgt Ion:163 Resp: 557857

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

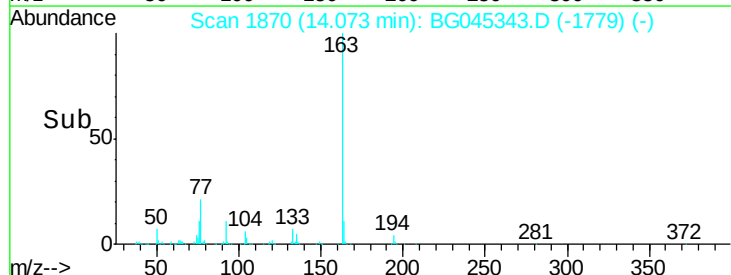
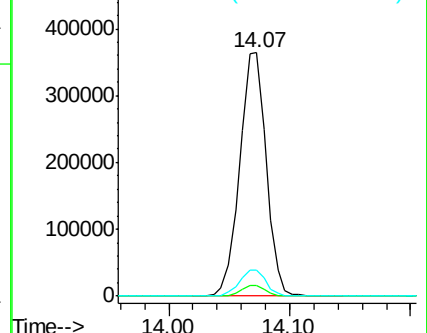
164 10.6 8.2 12.4

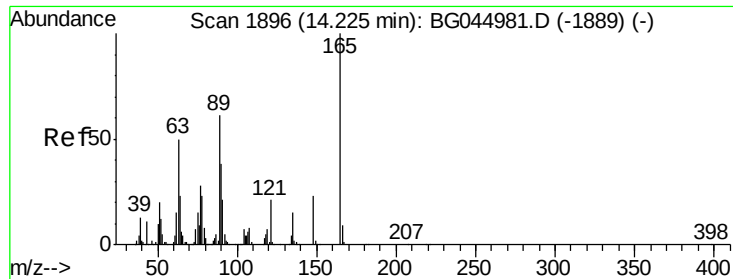


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

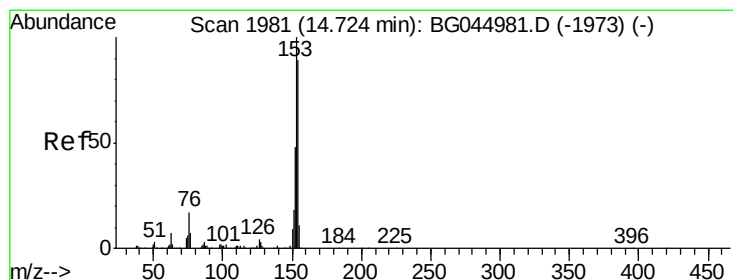
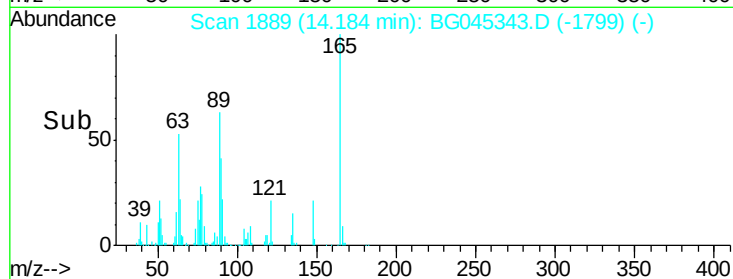
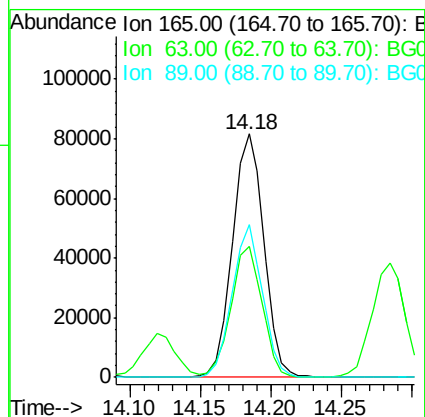
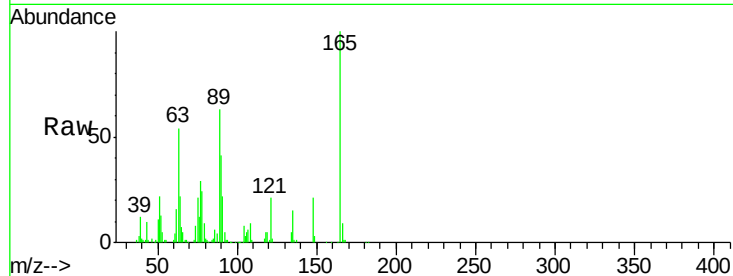




#51
 2,6-Dinitrotoluene
 Concen: 36.991 ng
 RT: 14.18 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

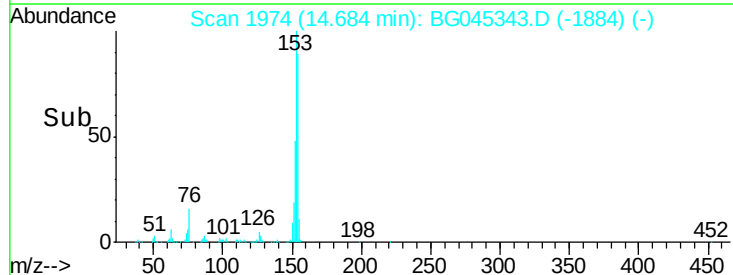
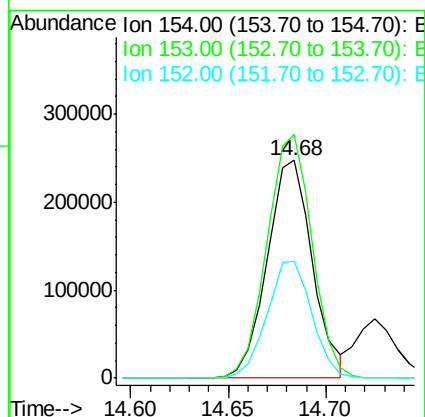
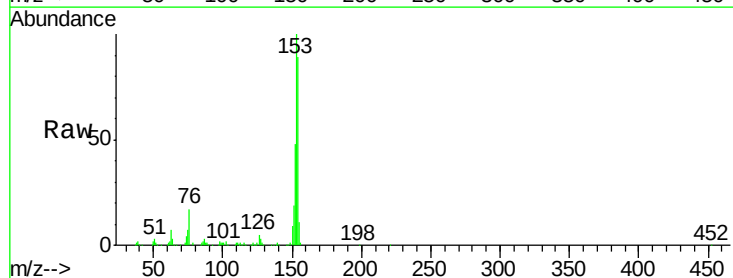
Instrument :
 BNA_G
 ClientSampleId :

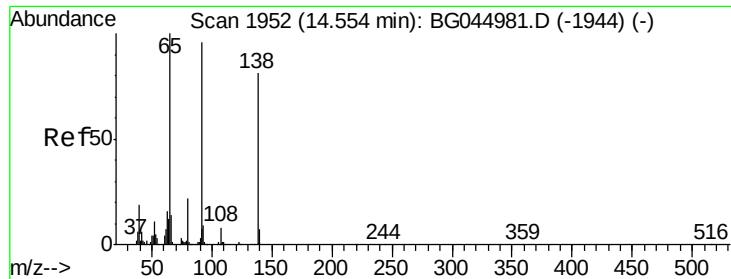
Tot Ion:165 Resp: 126409
 Ion Ratio Lower Upper
 165 100
 63 53.6 40.4 60.6
 89 62.8 49.1 73.7



#52
 Acenaphthene
 Concen: 32.870 ng
 RT: 14.68 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion:154 Resp: 394766
 Ion Ratio Lower Upper
 154 100
 153 111.9 89.7 134.5
 152 53.6 43.1 64.7

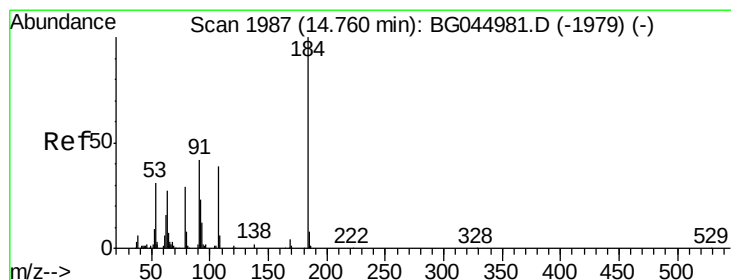
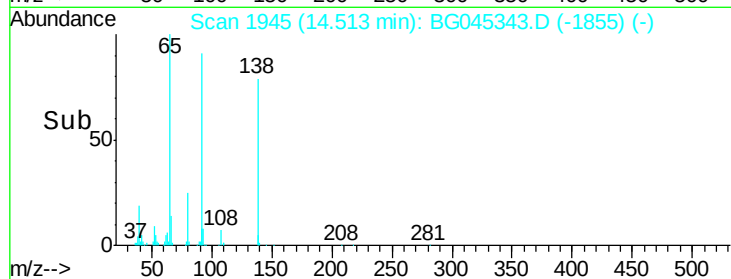
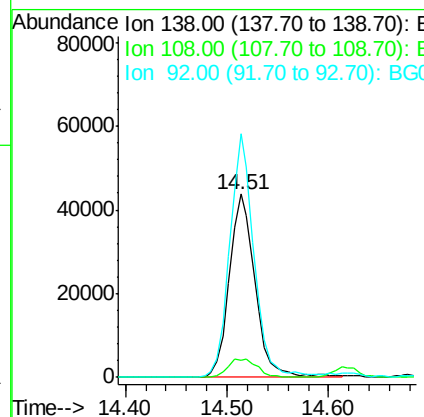
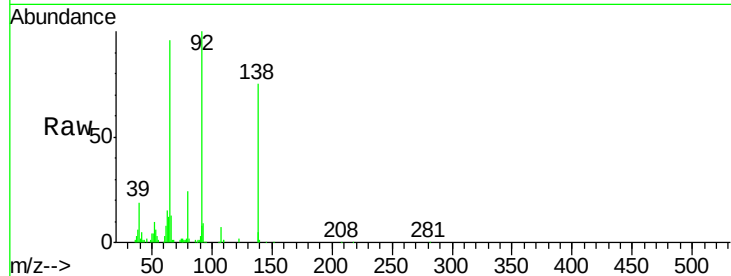




#53
3-Nitroaniline
Concen: 20.510 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

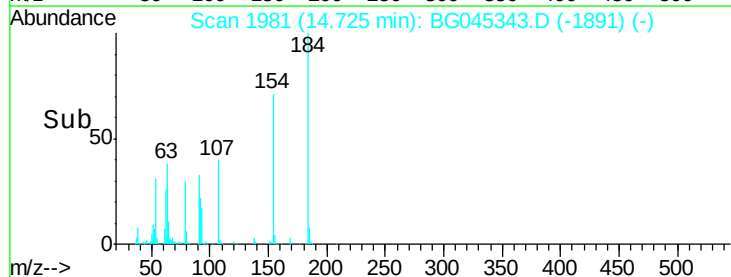
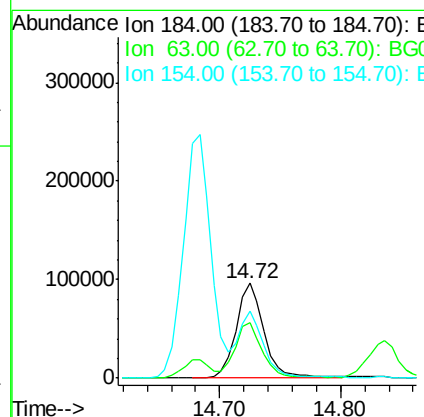
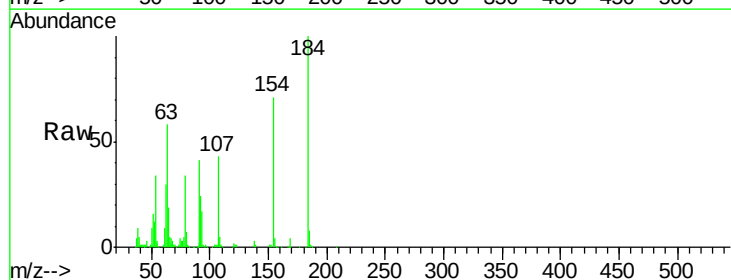
Instrument :
BNA_G
ClientSampleId :

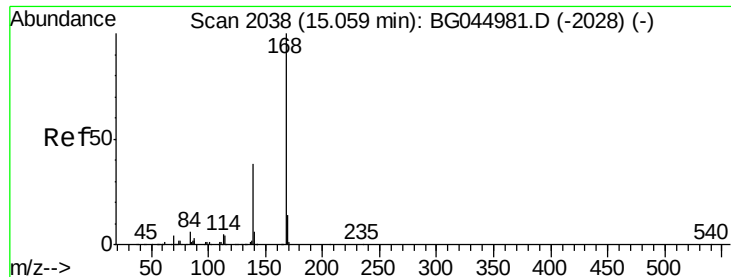
Tot Ion:138 Resp: 76871
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.8
92 132.8 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 76.182 ng
RT: 14.72 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:184 Resp: 154804
Ion Ratio Lower Upper
184 100
63 58.5 41.5 62.3
154 70.5 52.3 78.5





#55

Dibenzofuran

Concen: 36.437 ng

RT: 15.02 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

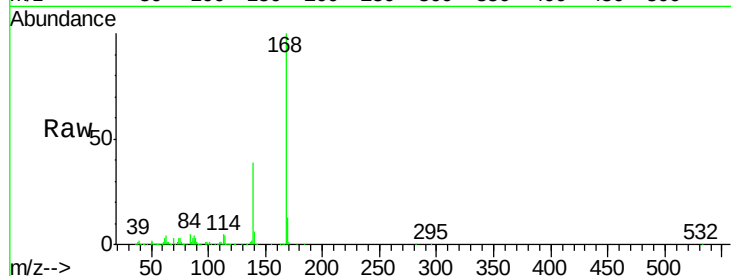
Instrument :

BNA_G

ClientSampled :

Tot Ion:168 Resp: 637976

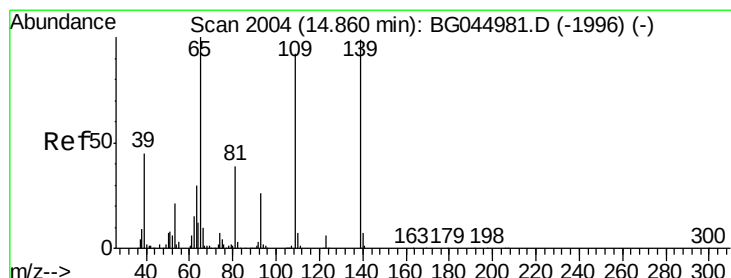
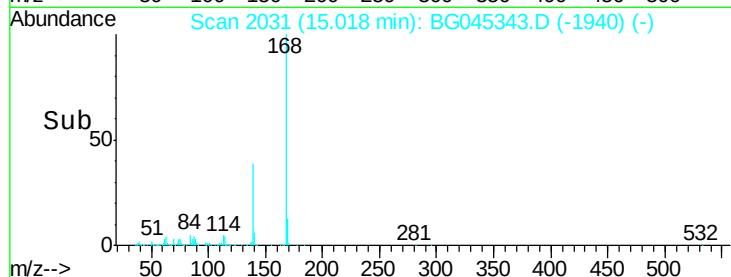
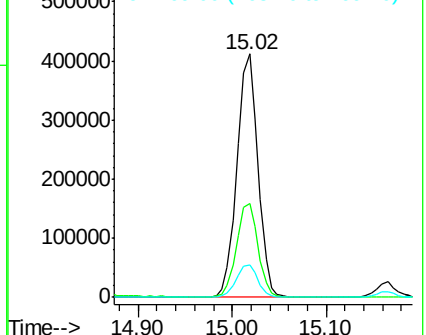
Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.4	45.6
169	13.3	11.0	16.4



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.338 ng

RT: 14.84 min Scan# 2000

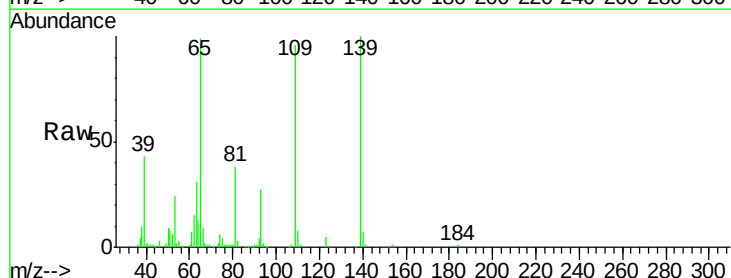
Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Tgt Ion:139 Resp: 213124

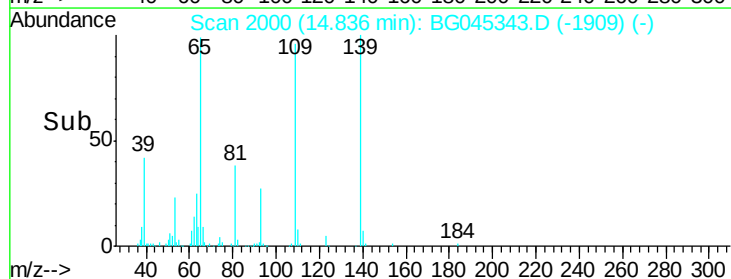
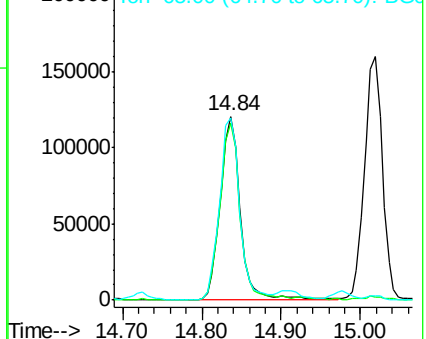
Ion	Ratio	Lower	Upper
139	100		
109	96.4	73.6	113.6
65	99.1	81.2	121.2

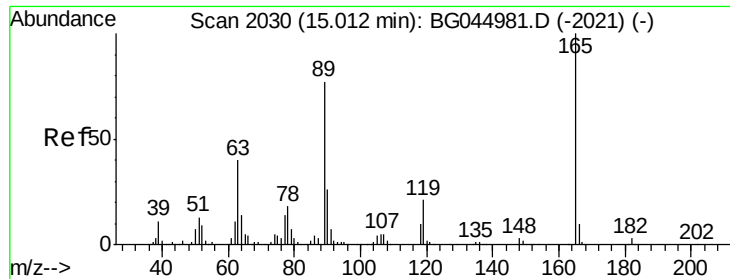


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

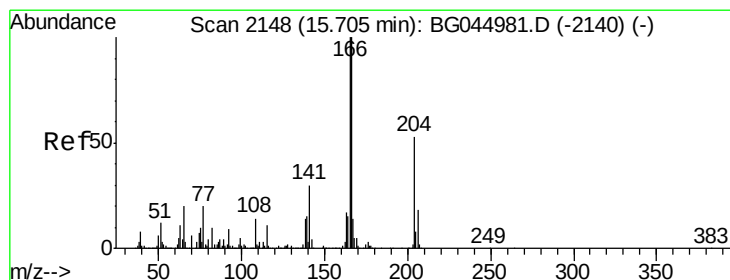
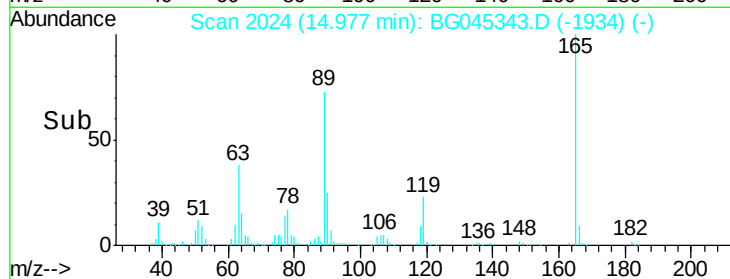
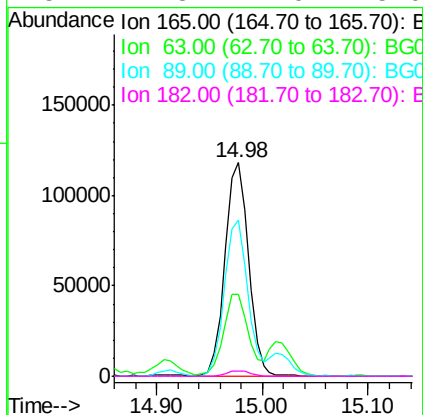
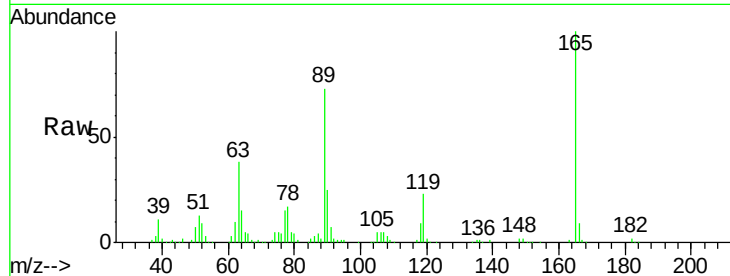




#57
 2,4-Dinitrotoluene
 Concen: 36.696 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

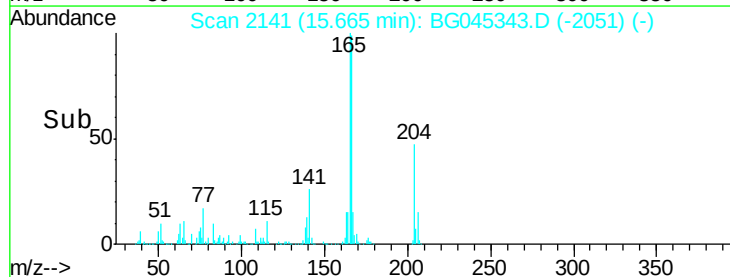
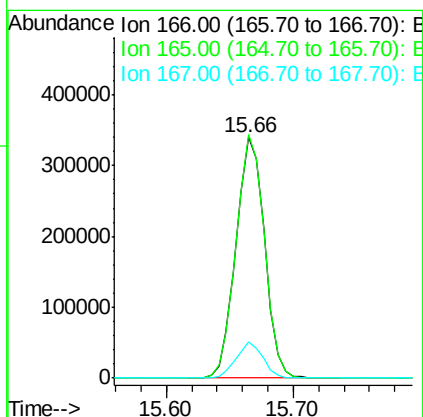
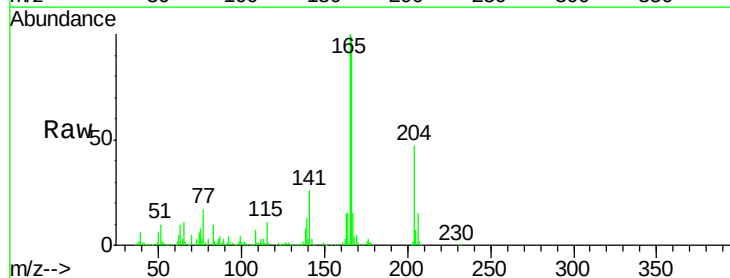
Instrument :
 BNA_G
 ClientSampleId :

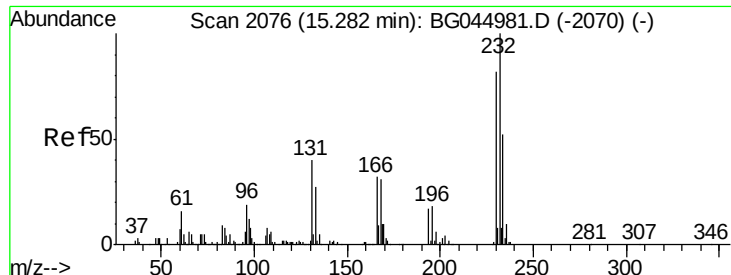
Tot Ion:	165	Resp:	183261
Ion	Ratio	Lower	Upper
165	100		
63	38.3	32.2	48.2
89	72.9	61.7	92.5
182	2.3	2.0	3.0



#58
 Fluorene
 Concen: 37.110 ng
 RT: 15.66 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion:	166	Resp:	530744
Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.9	119.9
167	15.0	11.4	17.0

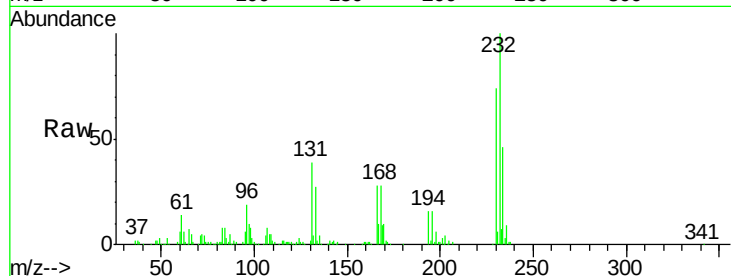




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.387 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	170087
Ion Ratio	Lower	Upper
232	100	
131	40.9	32.2 48.2
130	2.0	2.2 3.2#
166	28.9	24.2 36.4

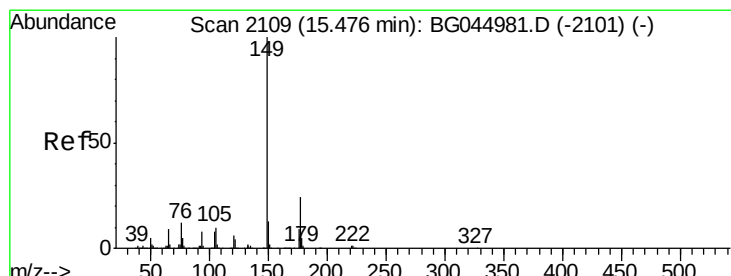
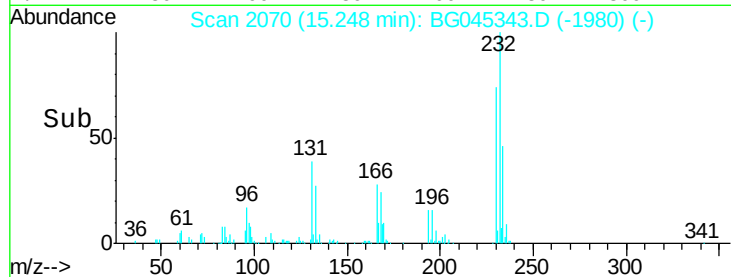
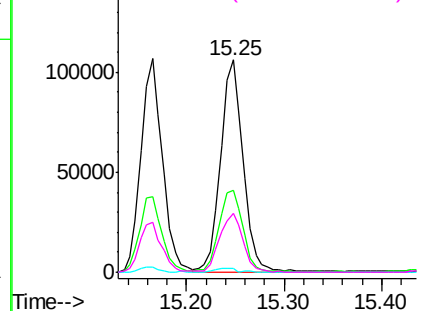


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

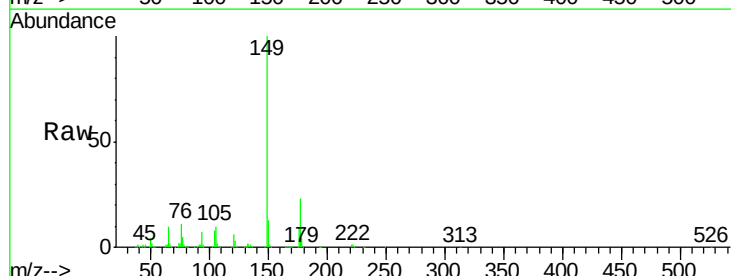
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.227 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

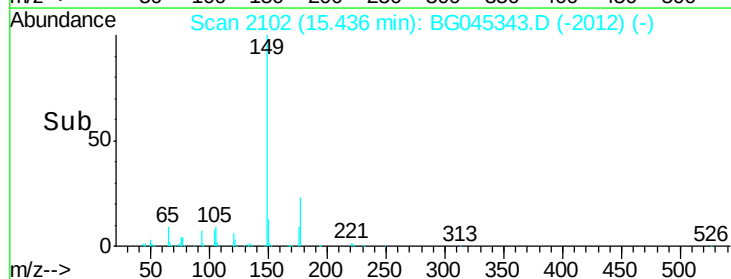
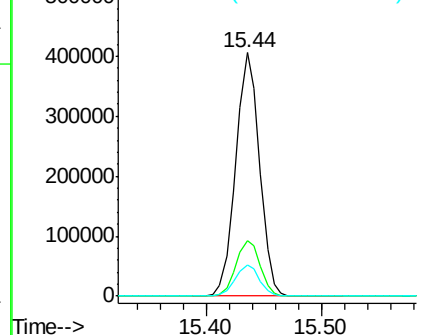
Tgt Ion:149	Resp:	577063
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.9 28.3
150	13.0	10.6 15.8

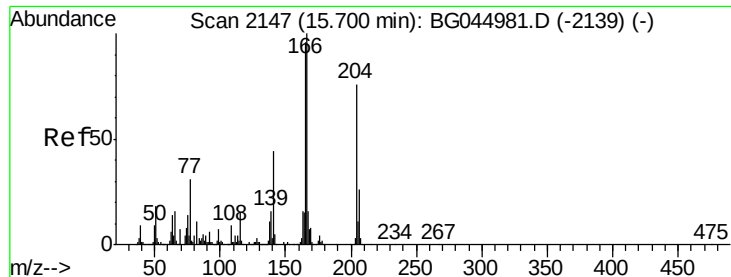


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

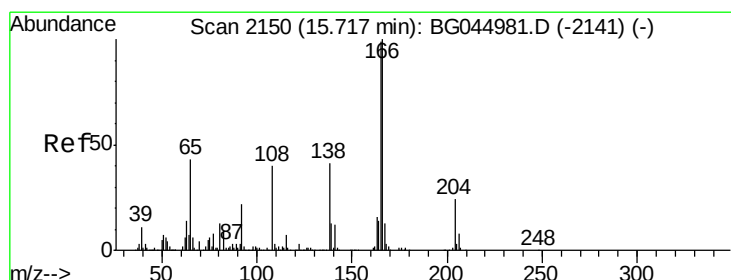
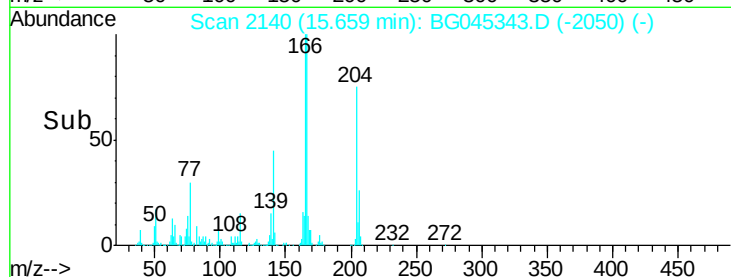
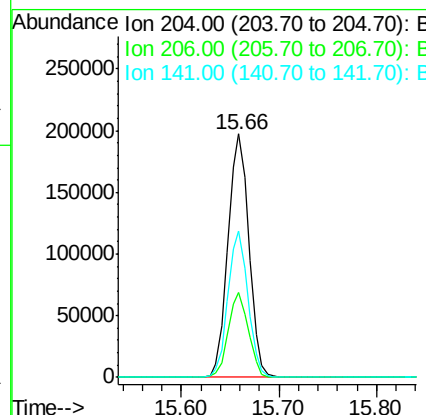
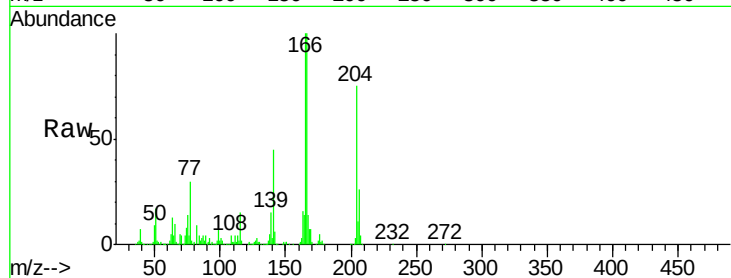




#61
4-Chlorophenyl-phenylether
Concen: 35.612 ng
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

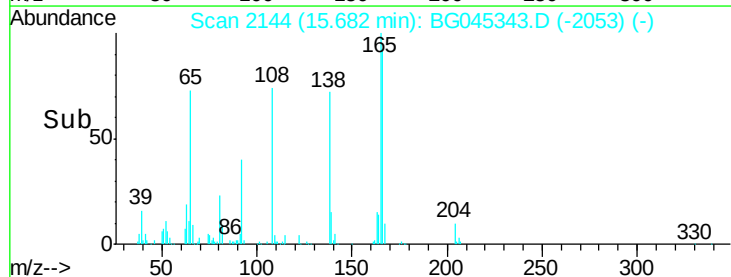
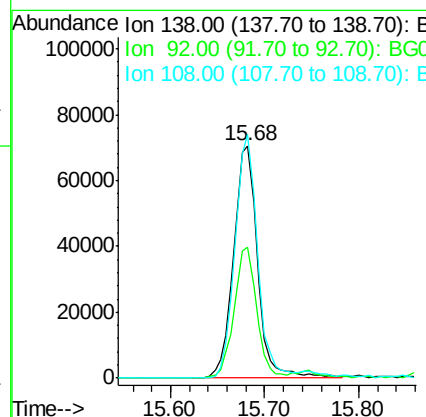
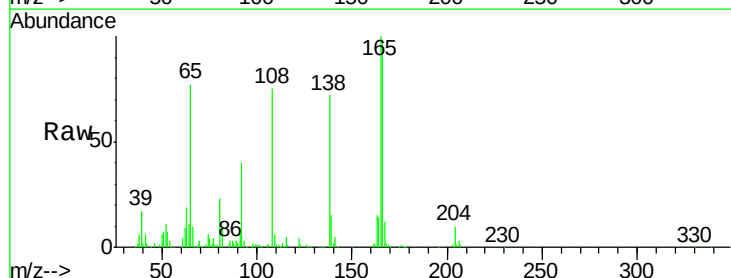
Instrument :
BNA_G
ClientSampleId :

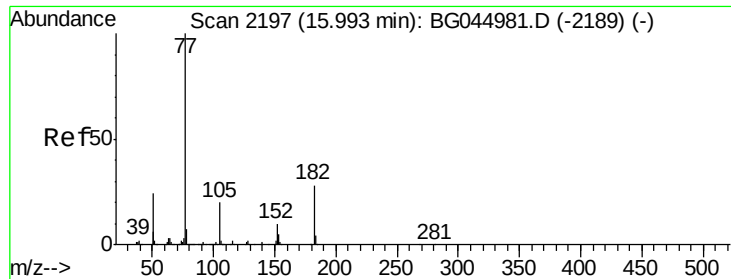
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	26.9	40.3
141	60.3	46.3	69.5



#62
4-Nitroaniline
Concen: 32.365 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	33.6	73.6
108	104.7	78.2	118.2

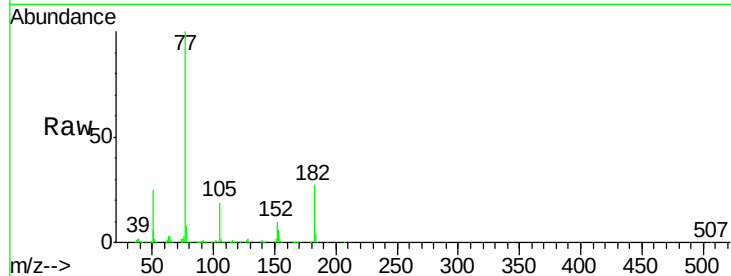




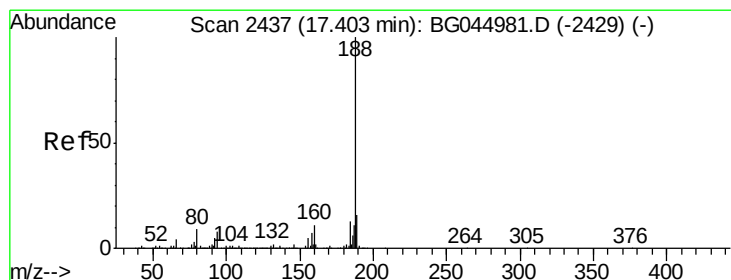
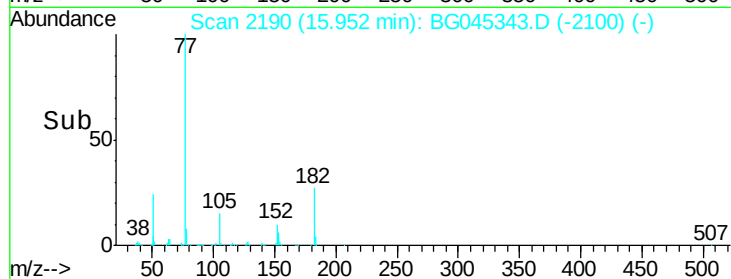
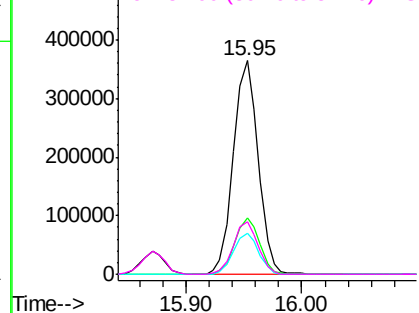
#63
Azobenzene
Concen: 36.727 ng
RT: 15.95 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	539366
Ion	Ratio	Lower	Upper
77	100		
182	26.6	8.4	48.4
105	19.0	0.5	40.5
51	24.6	4.4	44.4

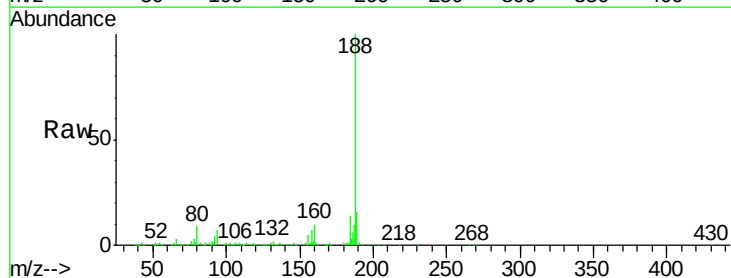


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

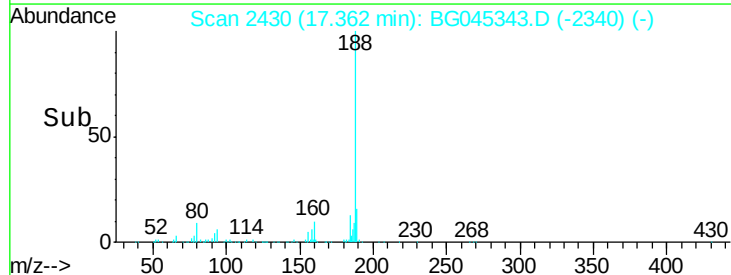
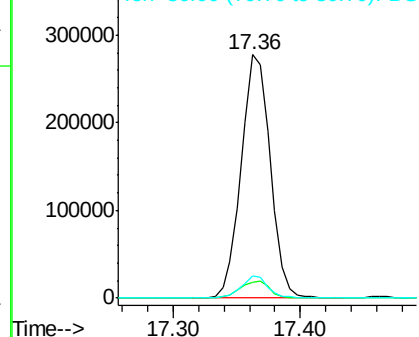


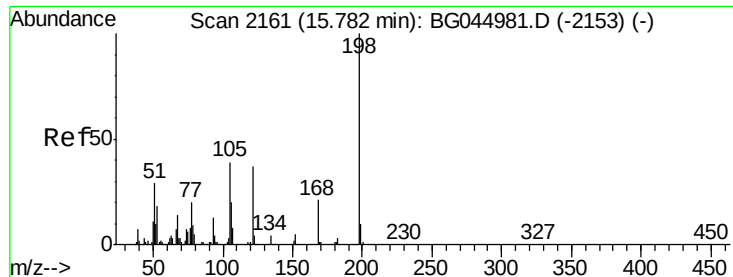
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:	188	Resp:	440436
Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.2	9.4
80	8.9	7.0	10.6



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

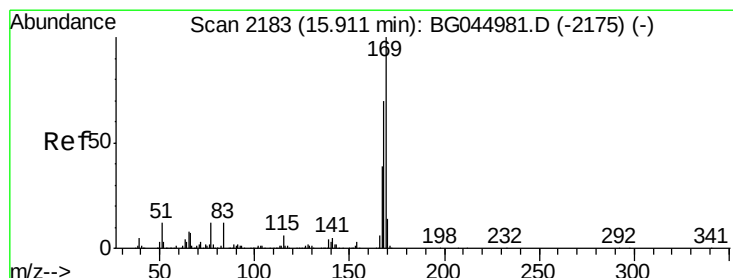
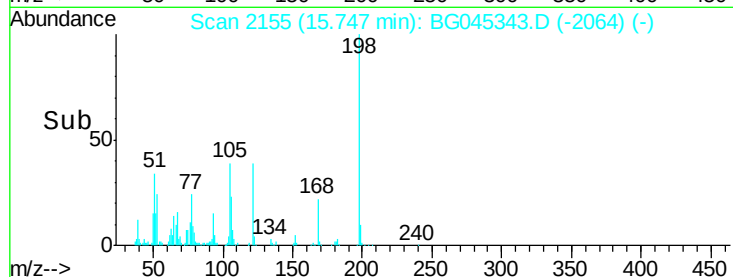
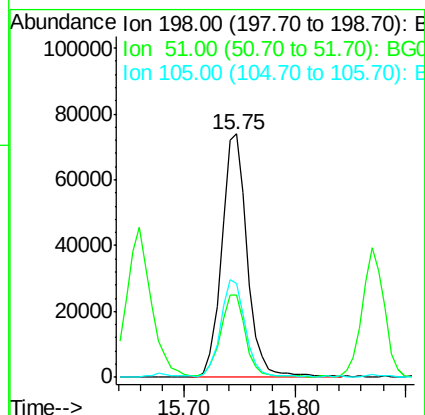
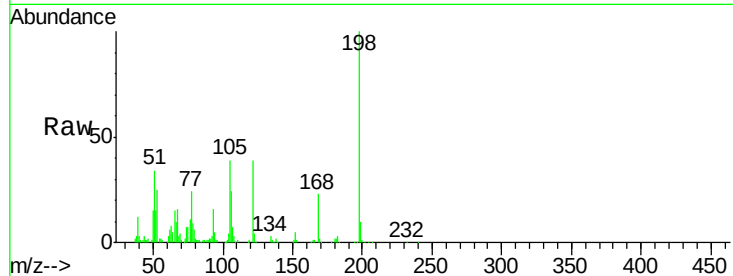




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.070 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

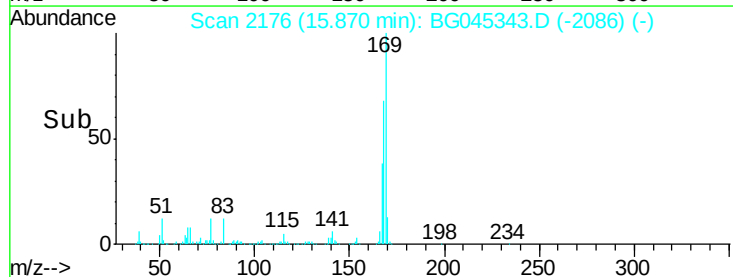
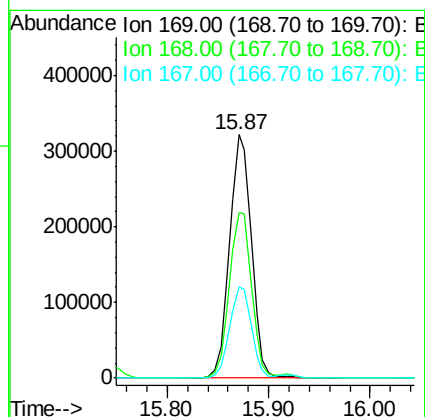
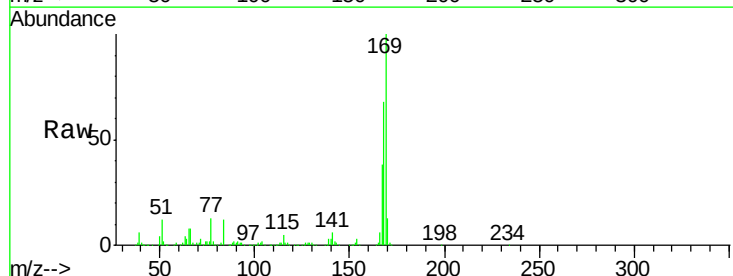
Instrument :
 BNA_G
 ClientSampleId :

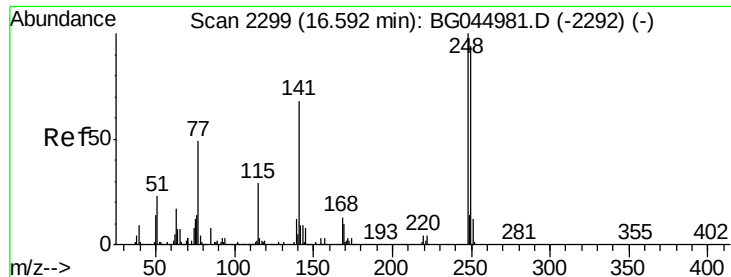
Tot Ion	Ratio	Lower	Upper
198	100		
51	33.9	10.0	50.0
105	38.7	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 37.966 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.8	83.8
167	37.8	30.8	46.2

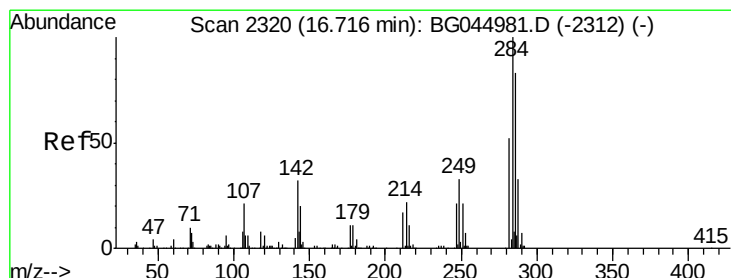
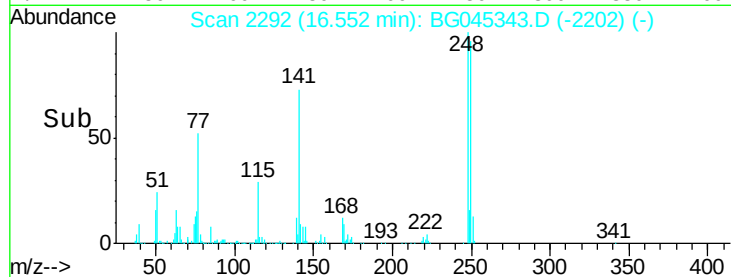
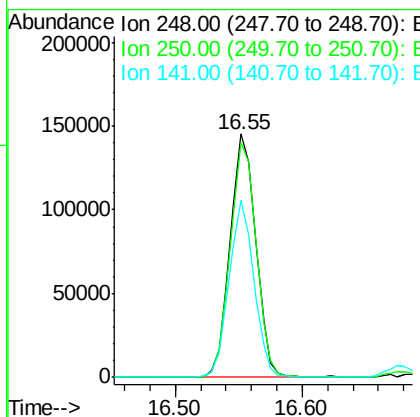
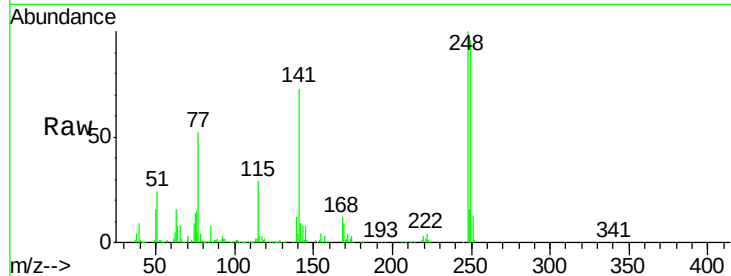




#67
4-Bromophenyl-phenylether
Concen: 35.672 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

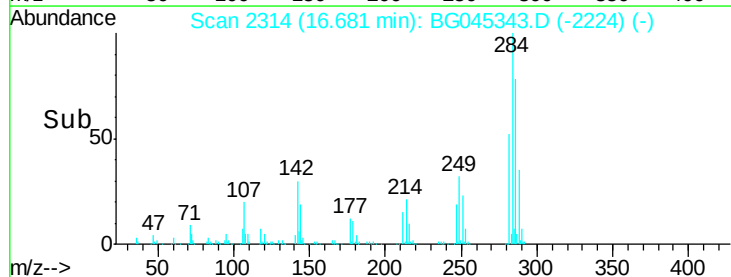
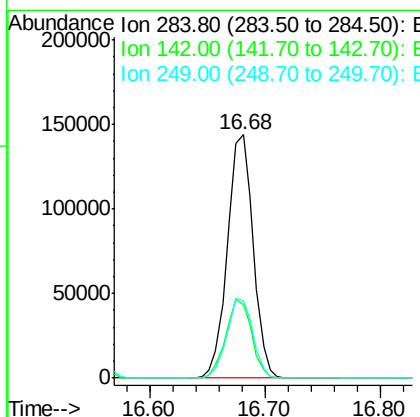
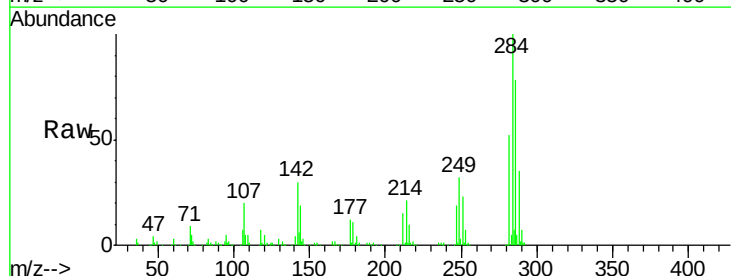
Instrument :
BNA_G
ClientSampleId :

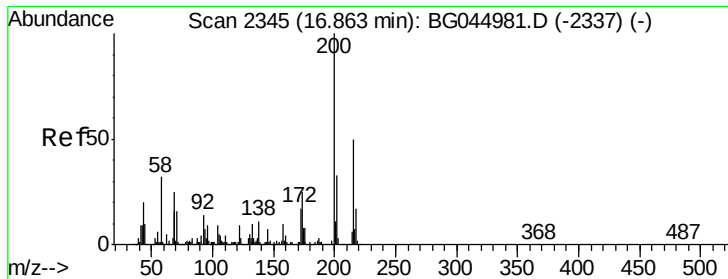
Tot Ion:248 Resp: 202688
Ion Ratio Lower Upper
248 100
250 96.3 75.4 113.2
141 72.7 54.4 81.6



#68
Hexachlorobenzene
Concen: 37.635 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:284 Resp: 221780
Ion Ratio Lower Upper
284 100
142 29.9 25.8 38.6
249 31.6 26.6 39.8





#69

Atrazine

Concen: 39.832 ng

RT: 16.82 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

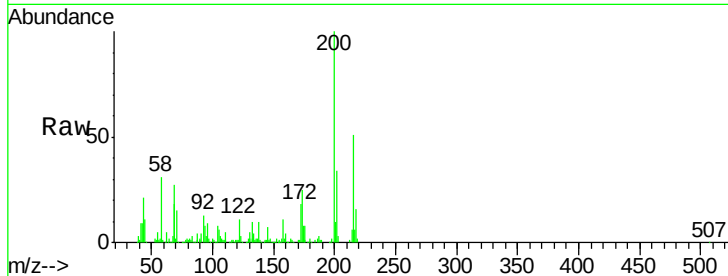
Tot Ion:200 Resp: 186379

Ion Ratio Lower Upper

200 100

173 25.1 4.5 44.5

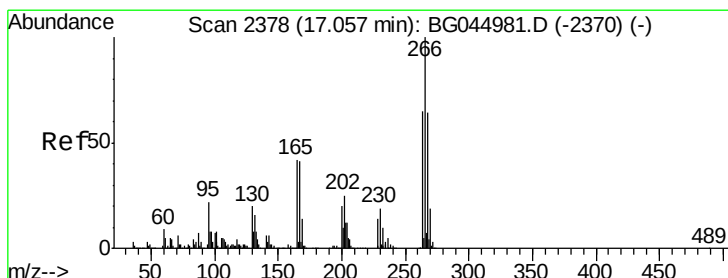
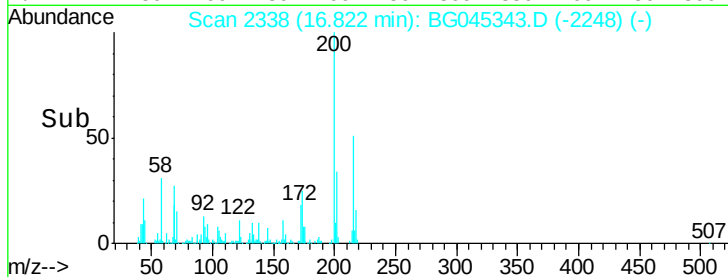
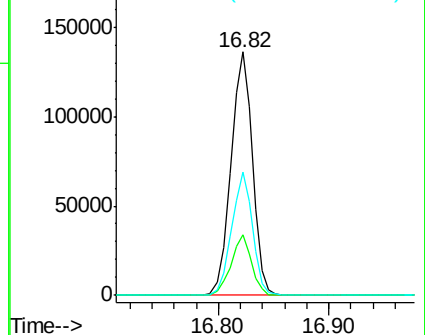
215 50.7 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 72.092 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

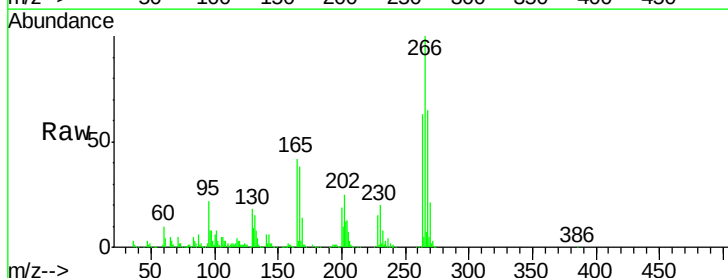
Tgt Ion:266 Resp: 260618

Ion Ratio Lower Upper

266 100

268 64.7 51.5 77.3

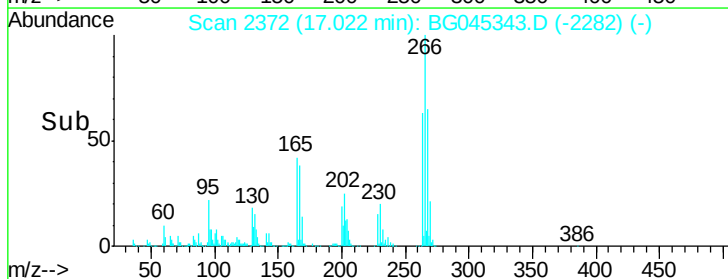
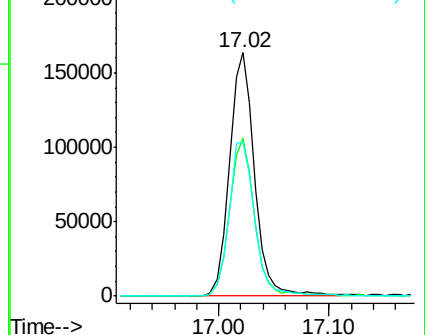
264 63.2 52.2 78.4

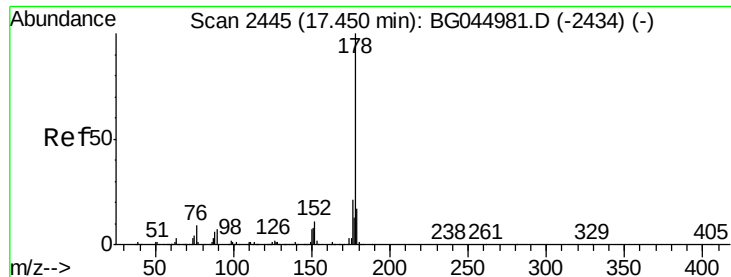


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.720 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

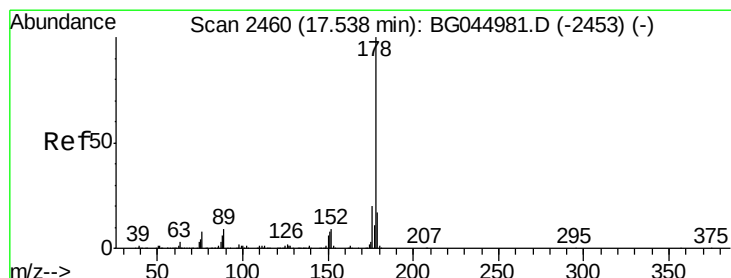
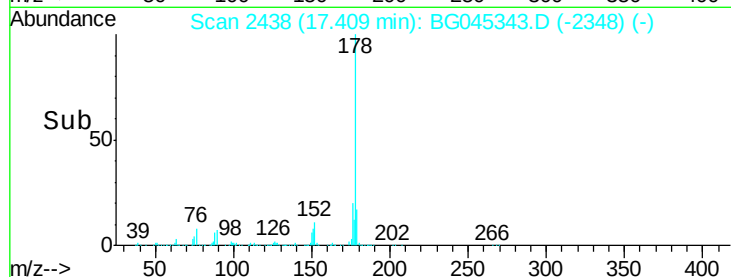
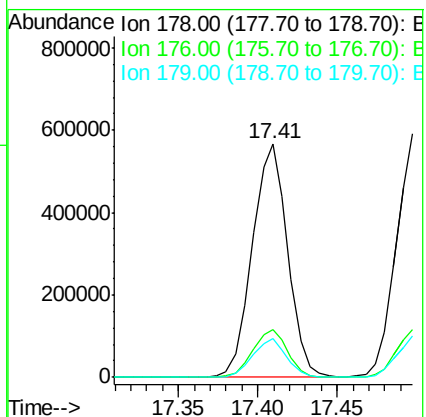
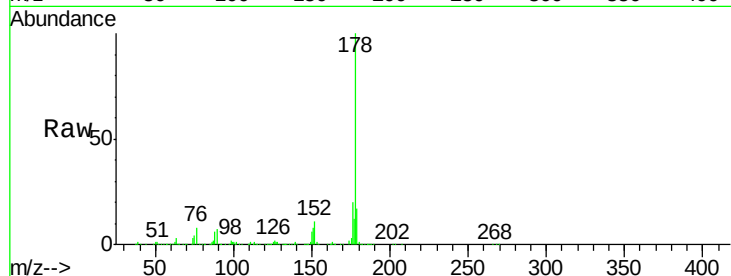
Tot Ion:178 Resp: 876348

Ion Ratio Lower Upper

178 100

176 20.4 16.8 25.2

179 16.7 13.2 19.8



#72

Anthracene

Concen: 39.921 ng

RT: 17.50 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

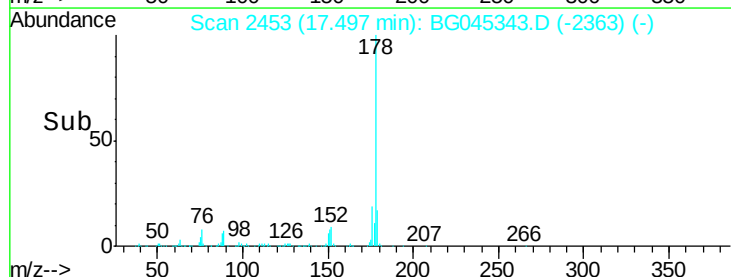
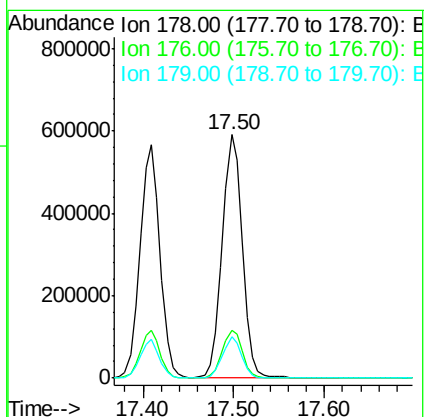
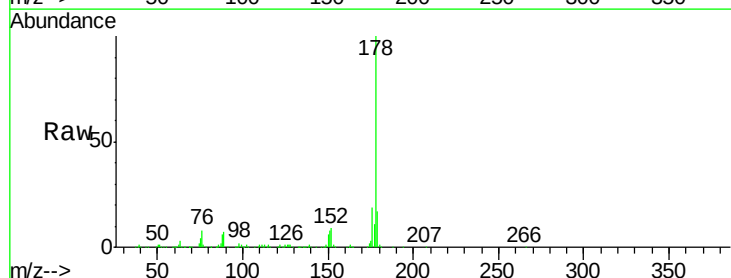
Tgt Ion:178 Resp: 906340

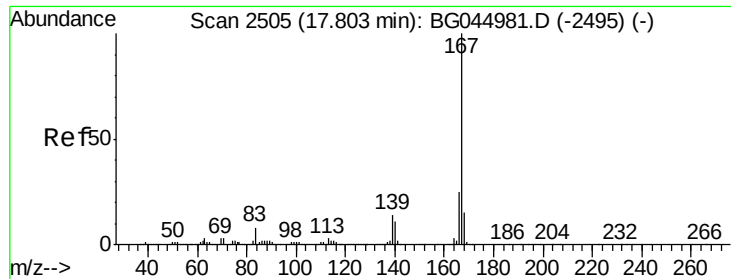
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 16.8 13.6 20.4





#73

Carbazole

Concen: 36.065 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

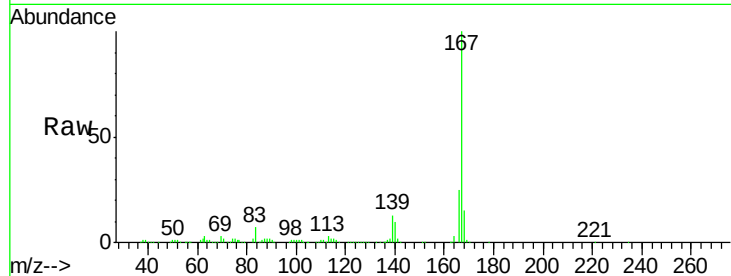
Tot Ion:167 Resp: 830910

Ion Ratio Lower Upper

167 100

166 24.8 19.8 29.6

139 12.8 10.9 16.3

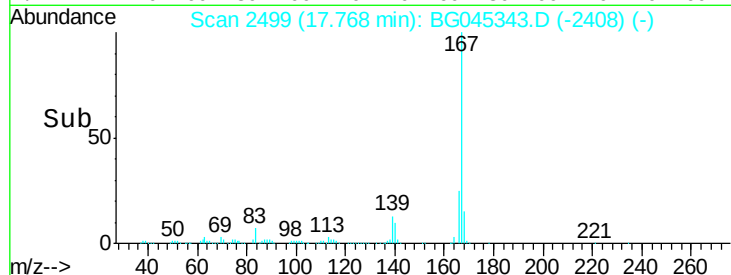


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.60 17.80 18.00



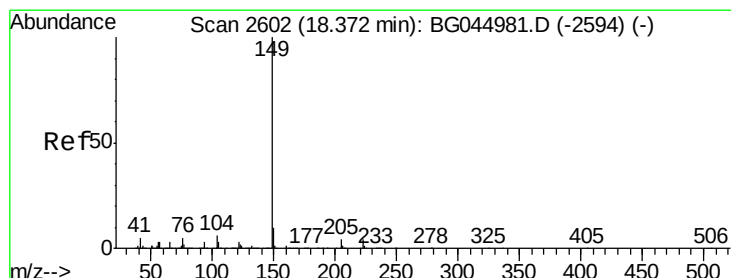
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time--> 17.60 17.80 18.00



#74

Di-n-butylphthalate

Concen: 38.923 ng

RT: 18.33 min Scan# 2595

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

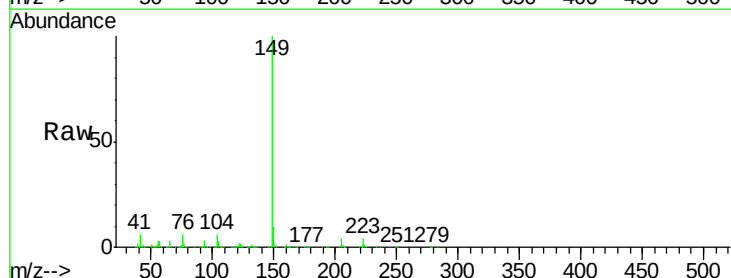
Tgt Ion:149 Resp: 996715

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

104 6.1 4.8 7.2

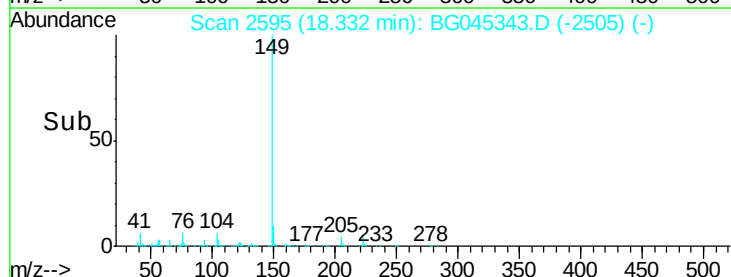


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.30 18.40



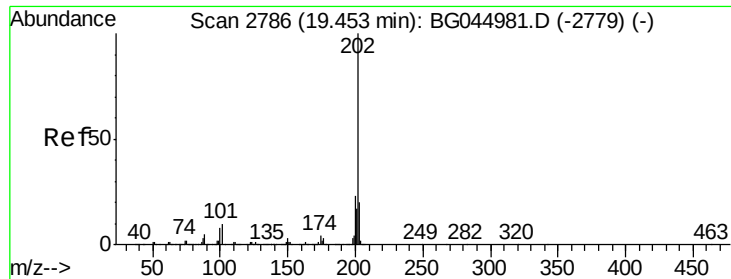
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time--> 18.30 18.40



#75

Fluoranthene

Concen: 40.989 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampled :

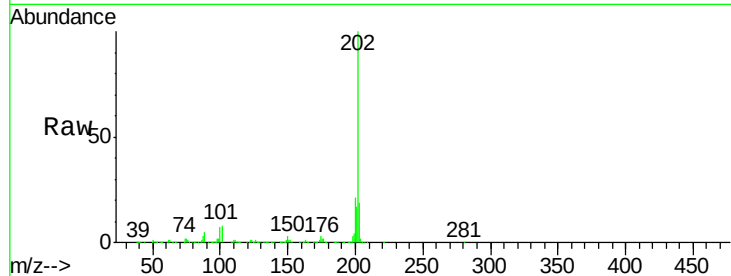
Tot Ion:202 Resp: 1105023

Ion Ratio Lower Upper

202 100

101 8.4 0.0 29.6

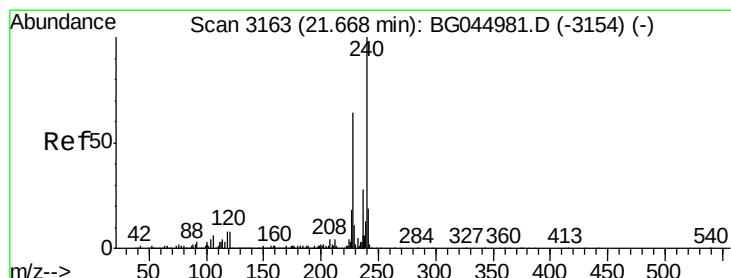
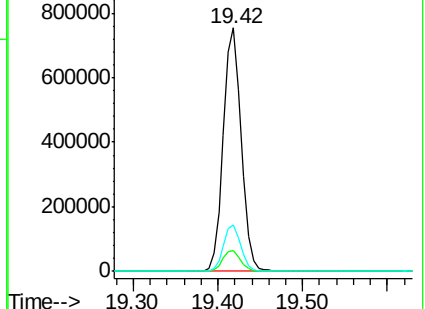
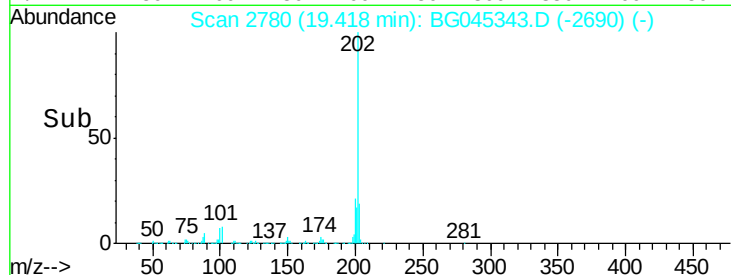
203 19.3 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

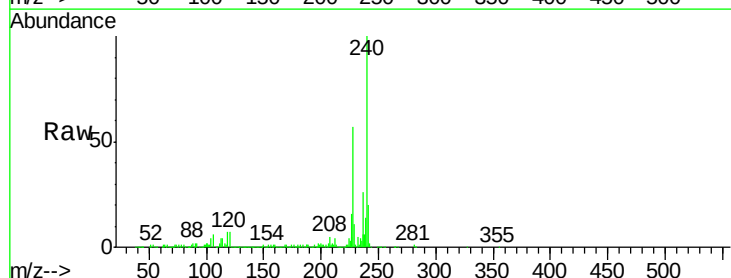
Tgt Ion:240 Resp: 415633

Ion Ratio Lower Upper

240 100

120 7.0 6.6 10.0

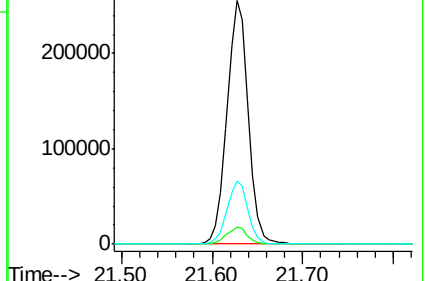
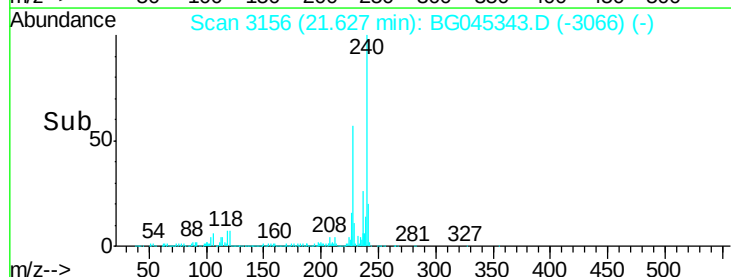
236 26.0 22.2 33.2

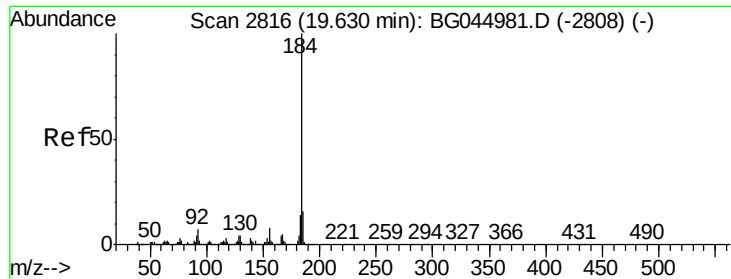


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.470 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

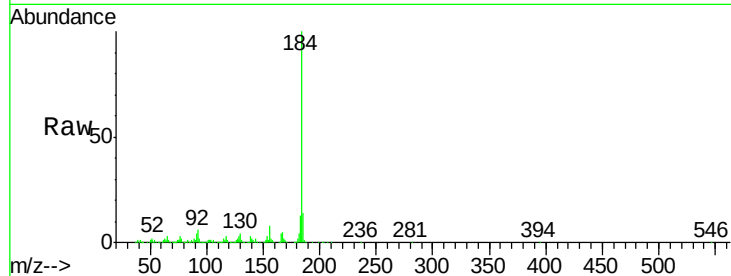
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 546640

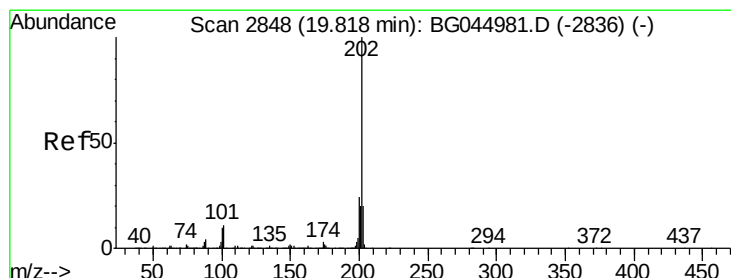
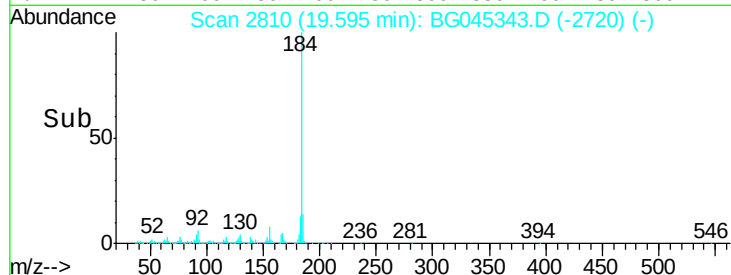
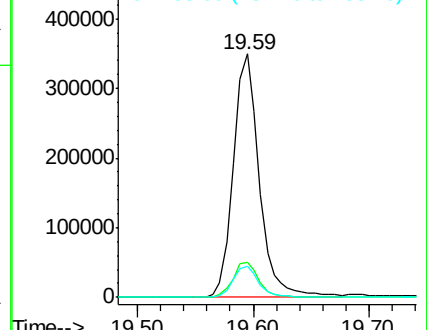
Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.6	19.0
183	12.9	11.3	16.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.307 ng

RT: 19.78 min Scan# 2841

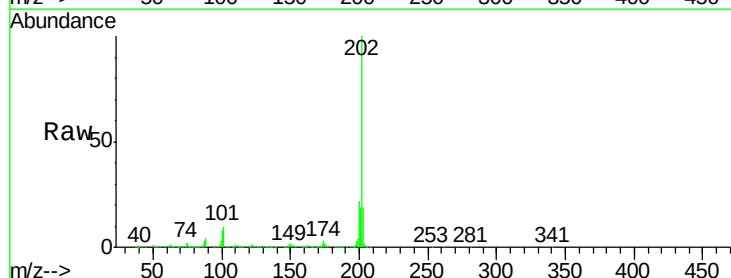
Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Tgt Ion:202 Resp: 1097653

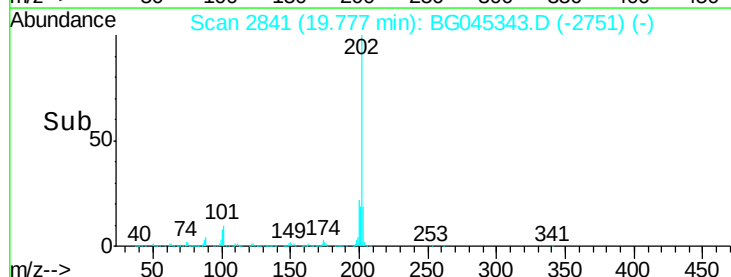
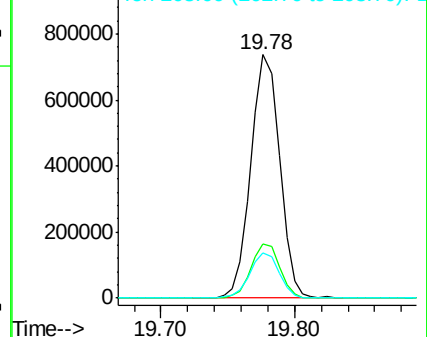
Ion	Ratio	Lower	Upper
202	100		
200	22.4	19.0	28.6
203	18.6	16.1	24.1

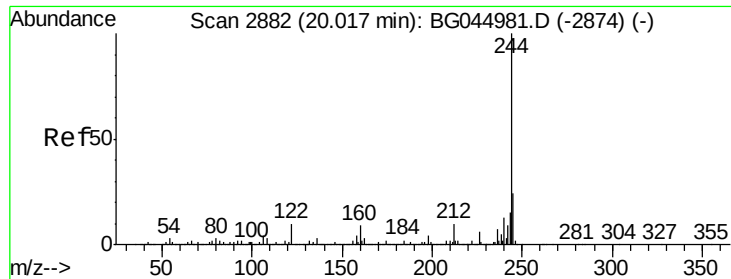


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



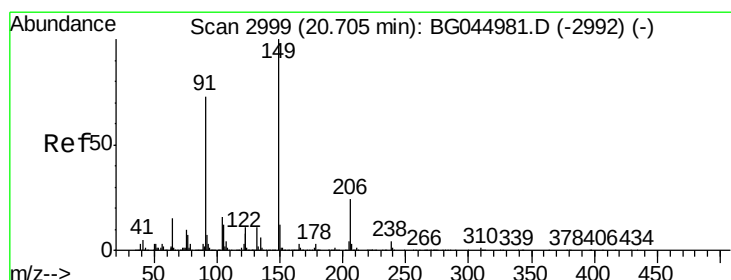
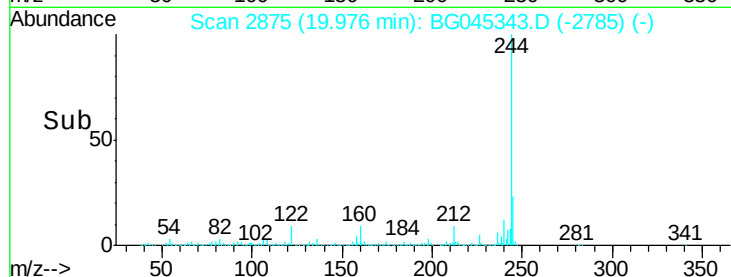
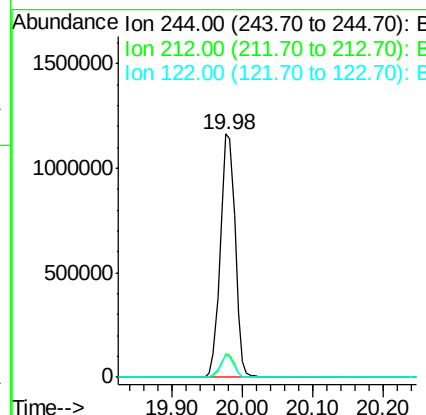
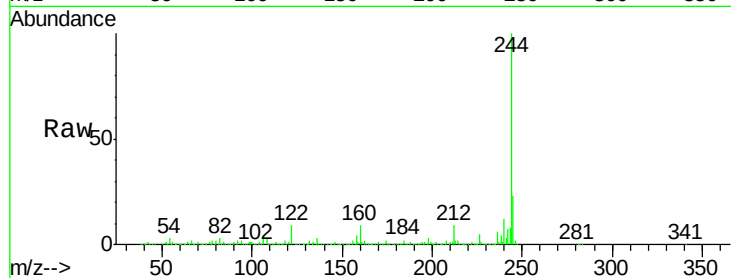


#79
 Terphenyl-d14
 Concen: 89.392 ng
 RT: 19.98 min Scan# 2875
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1704660

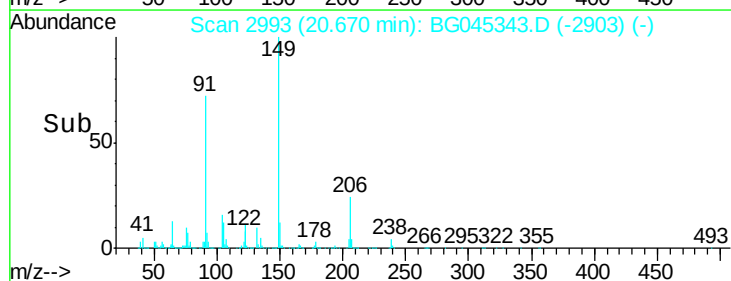
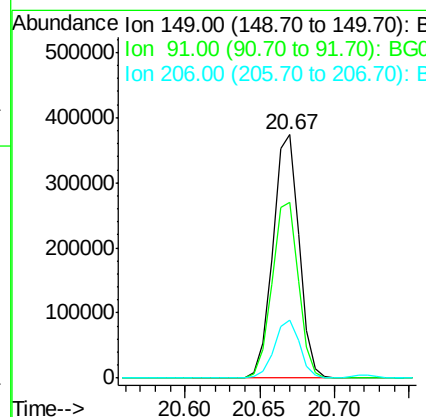
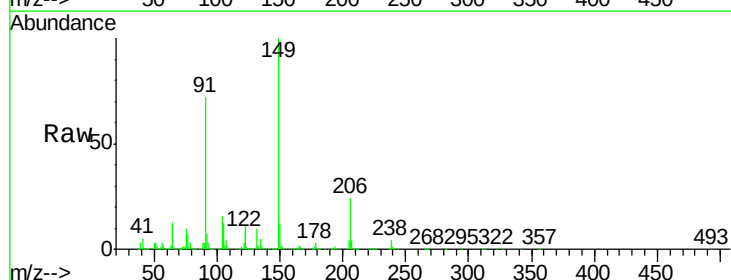
Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.9	11.9
122	9.0	7.7	11.5

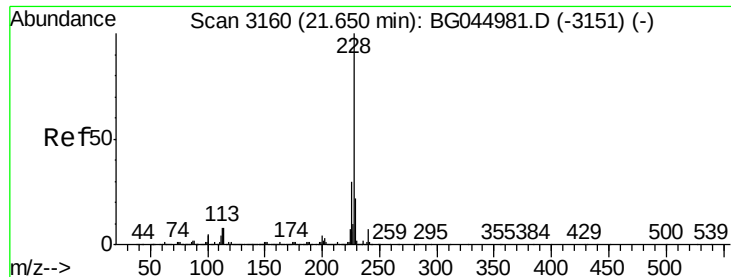


#80
 Butylbenzylphthalate
 Concen: 38.186 ng
 RT: 20.67 min Scan# 2993
 Delta R.T. -0.00 min
 Lab File: BG045343.D
 Acq: 13 May 2020 00:24

Tgt Ion:149 Resp: 453554

Ion	Ratio	Lower	Upper
149	100		
91	72.2	58.5	87.7
206	23.8	19.2	28.8





#81

Benzo(a)anthracene

Concen: 38.518 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

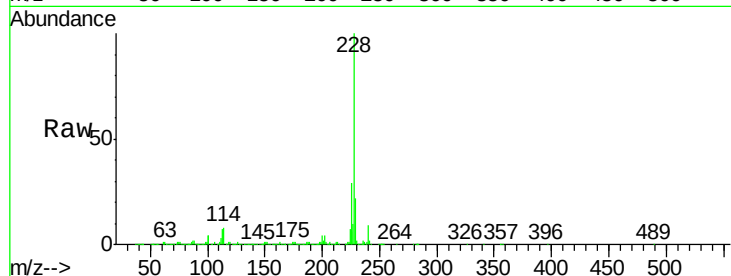
Tot Ion:228 Resp: 1037644

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	21.5	17.5	26.3

228 100

226 28.7 24.0 36.0

229 21.5 17.5 26.3

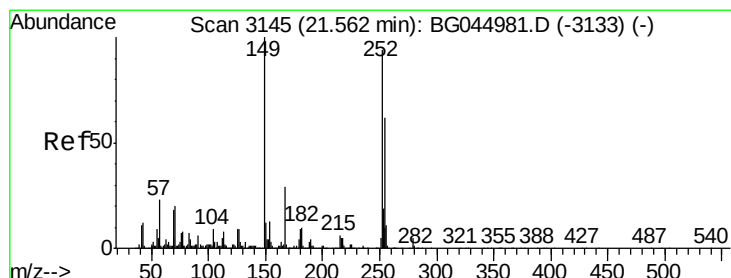
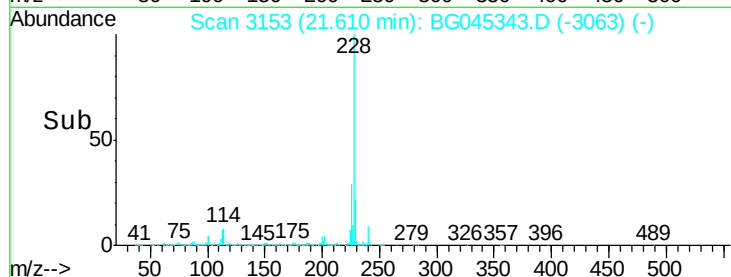
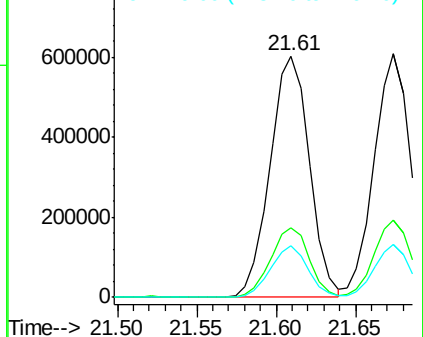


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 24.055 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

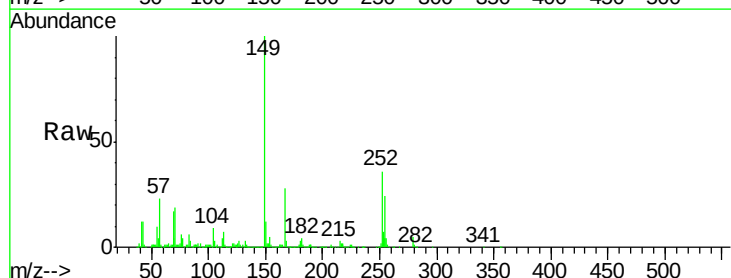
Tgt Ion:252 Resp: 257927

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	79.0
126	6.8	7.5	11.3

252 100

254 65.2 52.6 79.0

126 6.8 7.5 11.3

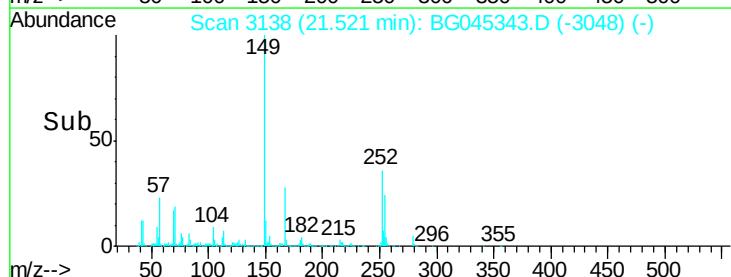
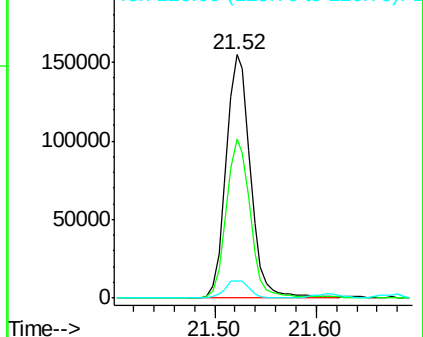


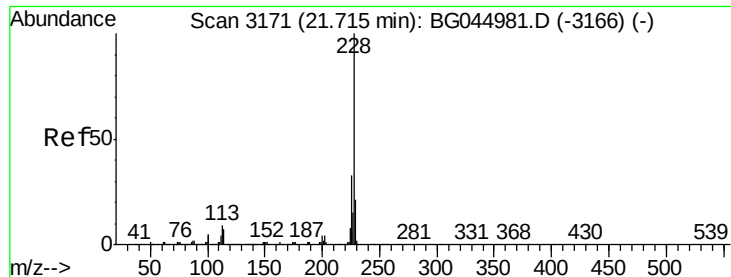
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.218 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

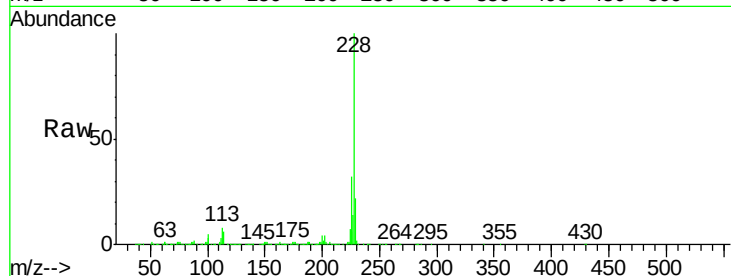
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 989217

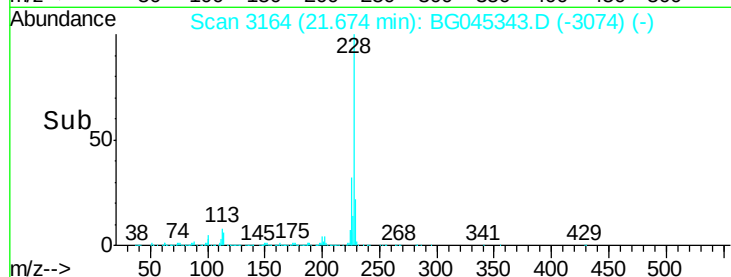
Ion	Ratio	Lower	Upper
228	100		
226	31.7	26.2	39.4
229	21.6	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

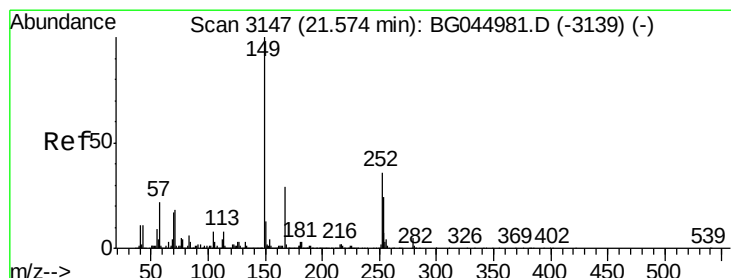
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

21.67



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.280 ng

RT: 21.53 min Scan# 3139

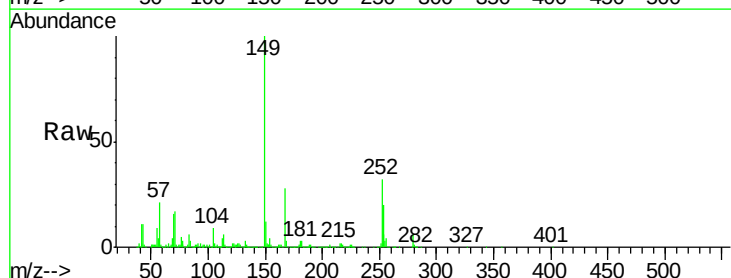
Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Tgt Ion:149 Resp: 625315

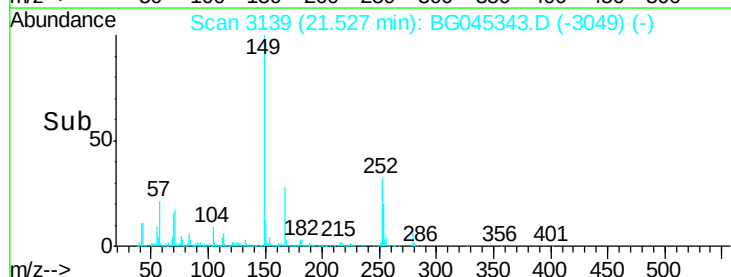
Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.4	35.0
279	5.5	4.3	6.5



Abundance Ion 149.00 (148.70 to 149.70): E

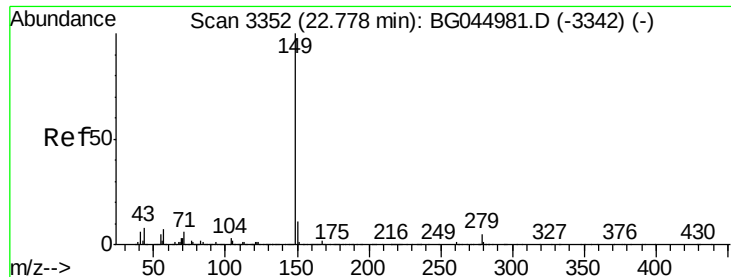
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->

21.53



#85

Di-n-octyl phthalate

Concen: 37.871 ng

RT: 22.72 min Scan# 3342

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

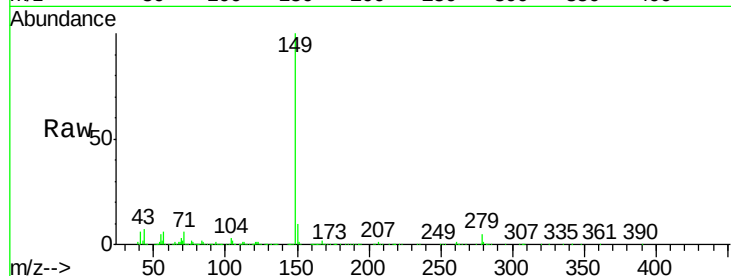
Tot Ion:149 Resp: 1069793

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

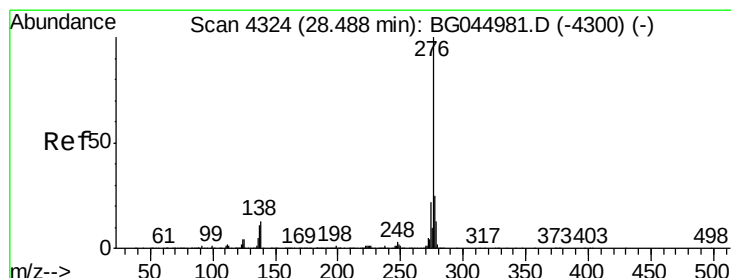
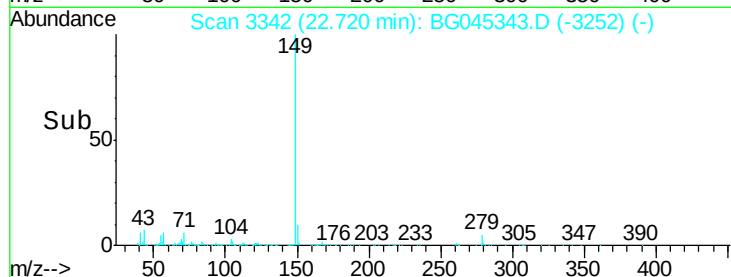
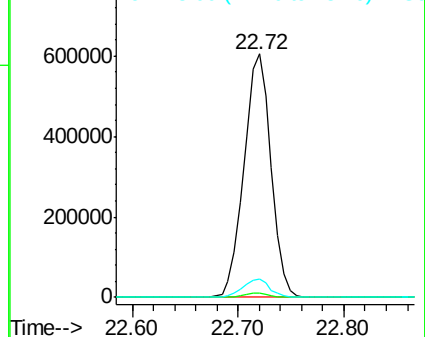
43 7.2 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.756 ng

RT: 28.38 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

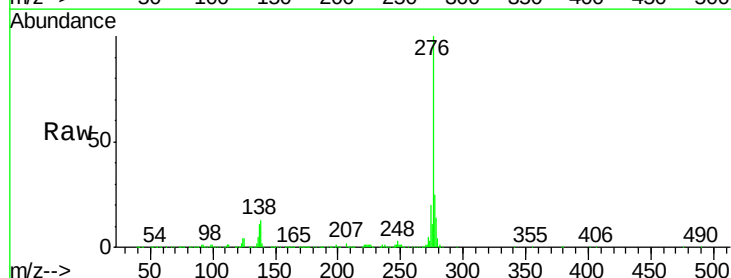
Tgt Ion:276 Resp: 1297484

Ion Ratio Lower Upper

276 100

138 15.9 9.6 14.4#

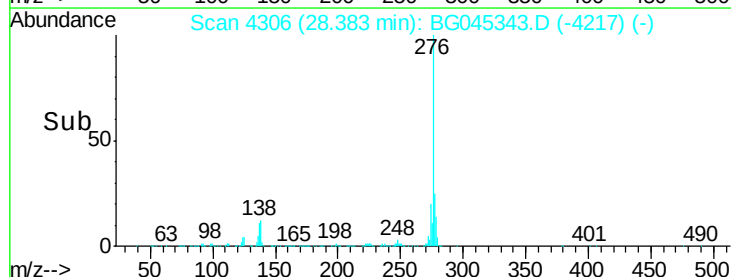
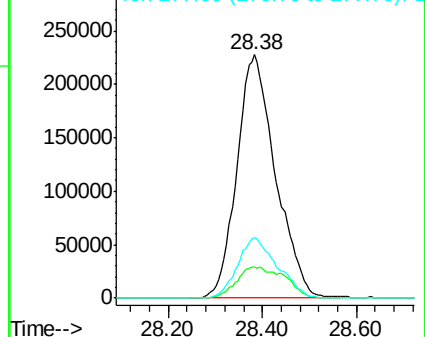
277 25.6 20.6 31.0

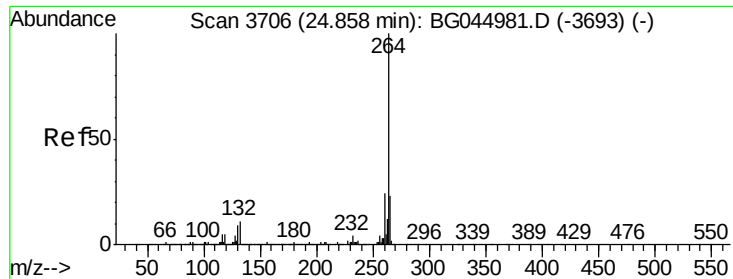


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

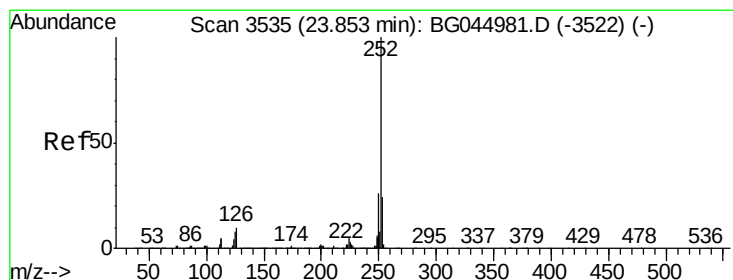
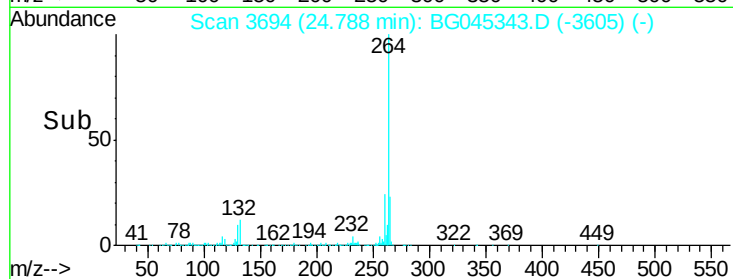
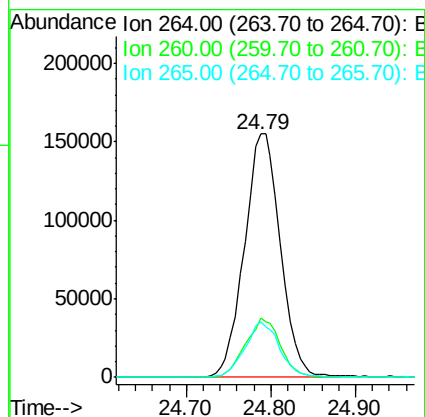
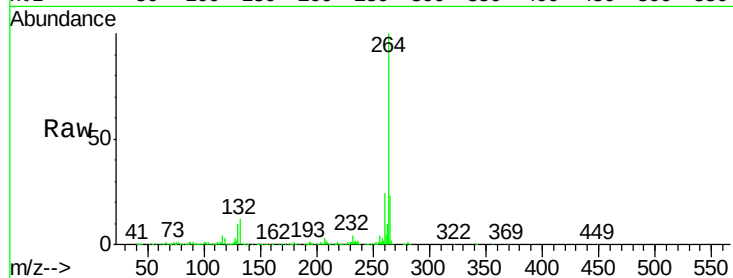




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

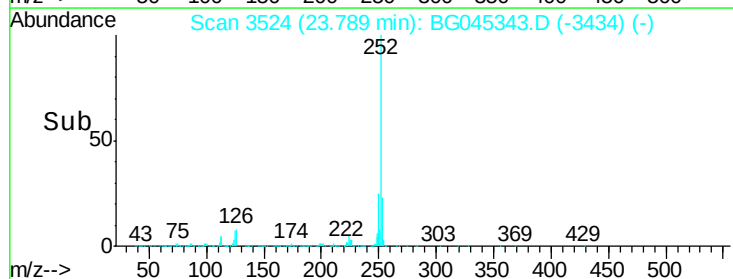
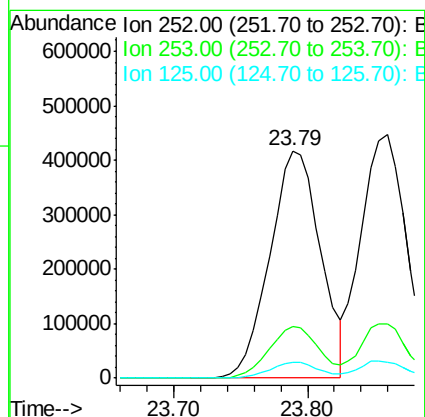
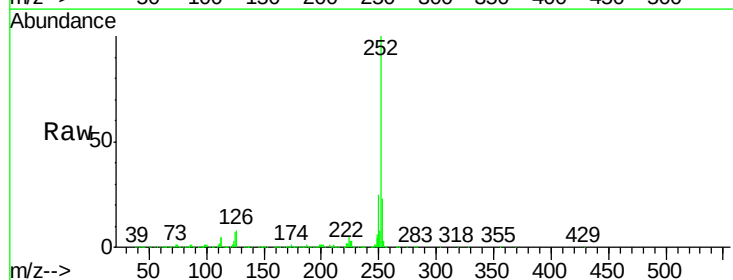
Instrument :
BNA_G
ClientSampleId :

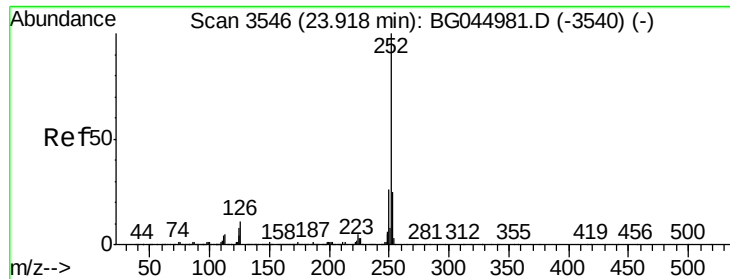
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.0	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 38.271 ng
RT: 23.79 min Scan# 3524
Delta R.T. -0.00 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.8	28.2
125	7.1	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 38.851 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

Instrument :

BNA_G

ClientSampleId :

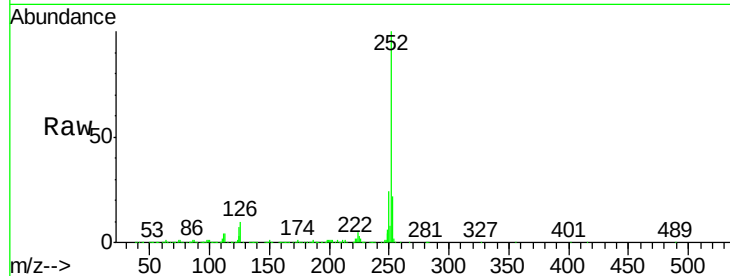
Tot Ion:252 Resp: 1061041

Ion Ratio Lower Upper

252 100

253 22.3 19.2 28.8

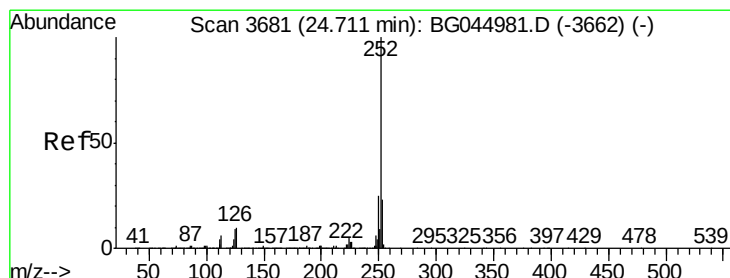
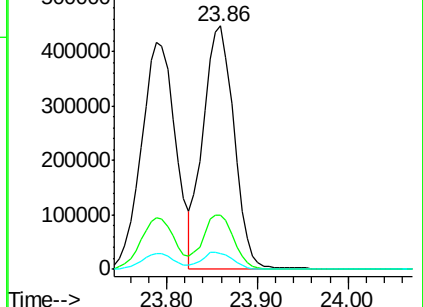
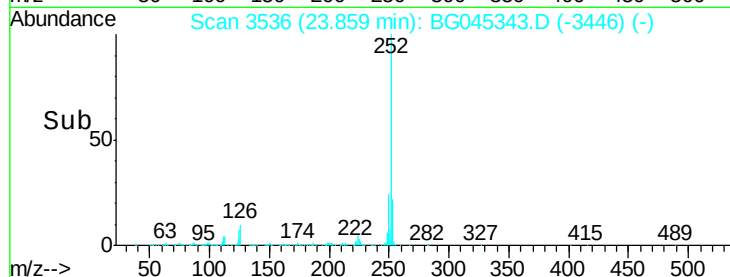
125 6.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 37.173 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.00 min

Lab File: BG045343.D

Acq: 13 May 2020 00:24

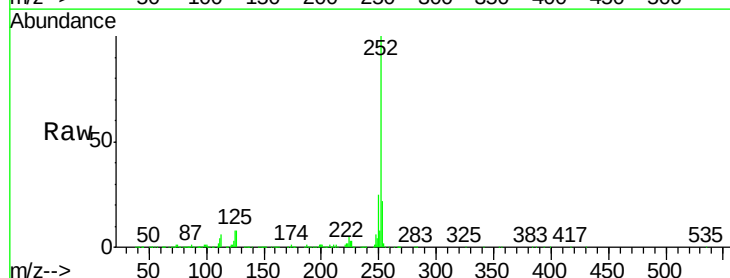
Tgt Ion:252 Resp: 1007893

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

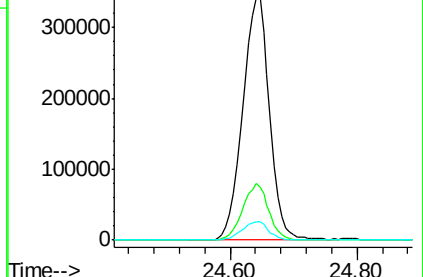
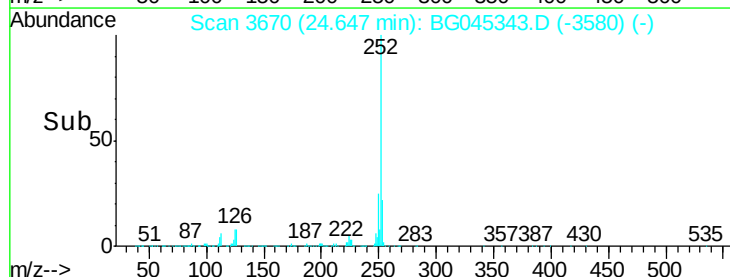
125 7.7 7.0 10.6

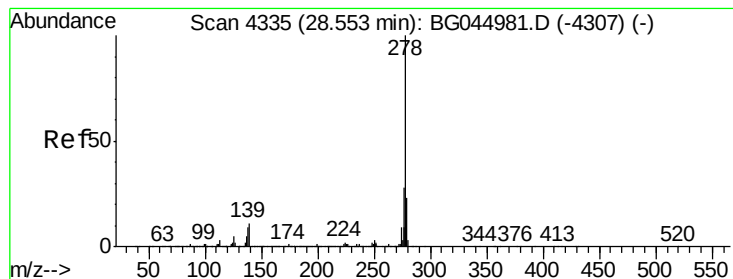


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

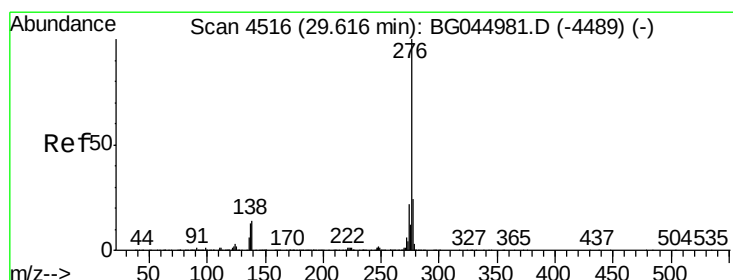
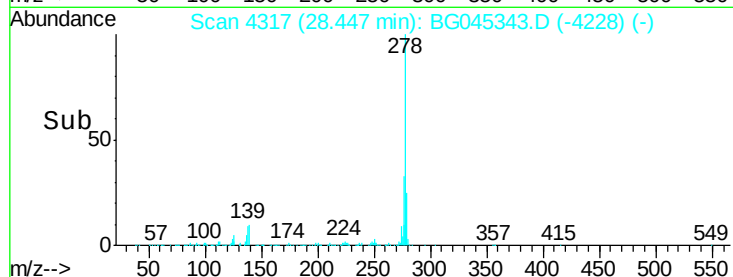
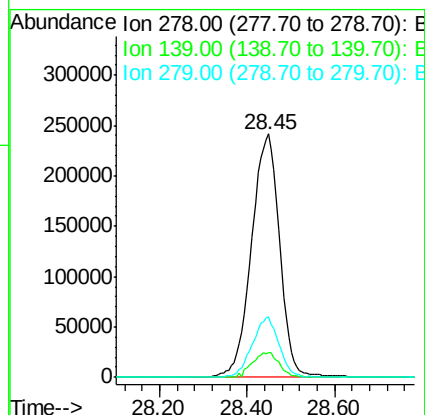
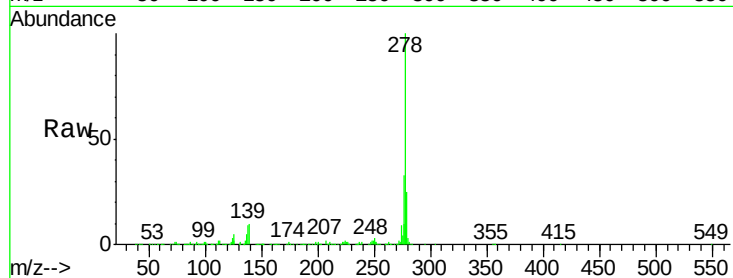




#91
Dibenzo(a,h)anthracene
Concen: 38.714 ng
RT: 28.45 min Scan# 4317
Delta R.T. -0.01 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1057717
Ion Ratio Lower Upper
278 100
139 10.4 9.0 13.6
279 25.0 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 39.233 ng
RT: 29.50 min Scan# 4497
Delta R.T. -0.01 min
Lab File: BG045343.D
Acq: 13 May 2020 00:24

Tgt Ion:276 Resp: 1074638
Ion Ratio Lower Upper
276 100
277 22.4 19.3 28.9
138 14.7 11.4 17.2

