

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
 Data File : BG045284.D
 Acq On : 8 May 2020 00:39
 Operator : CG/JU
 Sample : L2529-03MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 08 03:46:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	65556	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	258316	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	182658	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	417358	20.00	ng	0.00
76) Chrysene-d12	21.64	240	371182	20.00	ng	0.00
87) Perylene-d12	24.81	264	410943	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	412709	103.94	ng	0.00
7) Phenol-d6	7.15	99	591232	100.21	ng	0.00
23) Nitrobenzene-d5	9.14	82	375442	66.32	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	277972	98.51	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	877253	70.42	ng	0.00
79) Terphenyl-d14	19.99	244	1412592	82.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	76678	43.451	ng	97
3) Pyridine	3.83	79	183130	33.704	ng	96
4) n-Nitrosodimethylamine	3.74	42	83652	50.257	ng	87
6) Aniline	7.30	93	283637	36.977	ng	99
8) 2-Chlorophenol	7.54	128	226560	53.089	ng	98
9) Benzaldehyde	7.11	77	176786	60.983	ng	96
10) Phenol	7.18	94	300807	50.953	ng	99
11) bis(2-Chloroethyl)ether	7.40	93	211906	45.083	ng	96
12) 1,3-Dichlorobenzene	7.87	146	236597	47.049	ng	99
13) 1,4-Dichlorobenzene	8.02	146	241681	48.232	ng	98
14) 1,2-Dichlorobenzene	8.34	146	229436	47.861	ng	97
15) Benzyl Alcohol	8.22	79	232683	47.041	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	192201	41.656	ng	94
17) 2-Methylphenol	8.43	107	201287	44.191	ng	99
18) Hexachloroethane	9.07	117	92919	49.327	ng	97
19) n-Nitroso-di-n-propylamine	8.79	70	182455	43.731	ng	97
20) 3+4-Methylphenols	8.76	107	281658	44.177	ng	97
22) Acetophenone	8.80	105	338291	48.427	ng	99
24) Nitrobenzene	9.18	77	277123	47.755	ng	94
25) Isophorone	9.71	82	515794	44.490	ng	98
26) 2-Nitrophenol	9.90	139	129165	51.674	ng	96
27) 2,4-Dimethylphenol	9.96	122	208402	52.545	ng	94
28) bis(2-Chloroethoxy)methane	10.19	93	286968	47.111	ng	100
29) 2,4-Dichlorophenol	10.44	162	231454	50.539	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	252182	48.635	ng	100
31) Naphthalene	10.84	128	678499	48.015	ng	99
32) Benzoic acid	10.12	122	116442	37.890	ng	96
33) 4-Chloroaniline	10.95	127	154461	23.438	ng	97
34) Hexachlorobutadiene	11.14	225	173378	48.769	ng	98
35) Caprolactam	11.71	113	42104	23.100	ng	92
36) 4-Chloro-3-methylphenol	12.08	107	261845	48.671	ng	99
37) 2-Methylnaphthalene	12.45	142	516930	47.129	ng	96
38) 1-Methylnaphthalene	12.67	142	488887	47.214	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	293495	49.905	ng	99

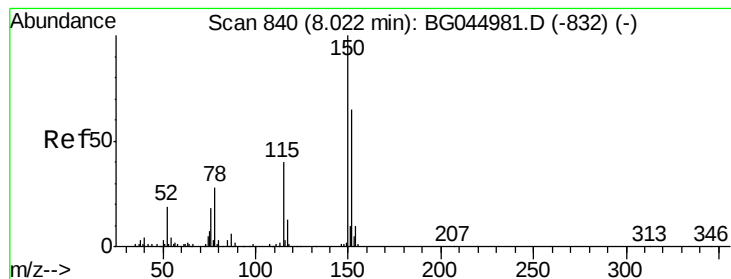
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050720\
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 QLast Update : Thu May 07 12:51:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	330718	89.972	ng	96
43) 2,4,6-Trichlorophenol	13.06	196	206666	49.791	ng	98
44) 2,4,5-Trichlorophenol	13.13	196	215645	45.643	ng	97
46) 1,1'-Biphenyl	13.45	154	660819	47.598	ng	98
47) 2-Chloronaphthalene	13.50	162	504006	47.511	ng	100
48) 2-Nitroaniline	13.69	65	165265	47.350	ng	97
49) Acenaphthylene	14.35	152	832173	48.160	ng	99
50) Dimethylphthalate	14.08	163	787210	52.929	ng	98
51) 2,6-Dinitrotoluene	14.19	165	156485	47.040	ng	98
52) Acenaphthene	14.69	154	504683	43.168	ng	99
53) 3-Nitroaniline	14.52	138	103522	28.374	ng	90
54) 2,4-Dinitrophenol	14.73	184	159889	80.829	ng	91
55) Dibenzofuran	15.02	168	808565	47.438	ng	98
56) 4-Nitrophenol	14.85	139	256569	90.695	ng	95
57) 2,4-Dinitrotoluene	14.98	165	220183	45.291	ng	98
58) Fluorene	15.67	166	663643	47.667	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	207886	49.452	ng	98
60) Diethylphthalate	15.45	149	700824	45.196	ng	99
61) 4-Chlorophenyl-phenylether	15.67	204	374074	46.680	ng	96
62) 4-Nitroaniline	15.69	138	150245	39.703	ng	89
63) Azobenzene	15.96	77	681180	47.647	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	133874	48.800	ng	95
66) n-Nitrosodiphenylamine	15.88	169	593001	49.452	ng	99
67) 4-Bromophenyl-phenylether	16.56	248	257238	47.776	ng	98
68) Hexachlorobenzene	16.68	284	275415	49.321	ng	99
69) Atrazine	16.83	200	221537	51.323	ng	97
70) Pentachlorophenol	17.03	266	316364	92.352	ng	96
71) Phenanthrene	17.42	178	1063558	49.590	ng	100
72) Anthracene	17.51	178	1094973	50.897	ng	99
73) Carbazole	17.77	167	992619	45.466	ng	97
74) Di-n-butylphthalate	18.34	149	1189789	50.854	ng	99
75) Fluoranthene	19.42	202	1300837	52.653	ng	98
77) Benzidine	19.60	184	700660	68.249	ng	99
78) Pyrene	19.79	202	1279675	50.008	ng	99
80) Butylbenzylphthalate	20.67	149	517408	48.779	ng	99
81) Benzo(a)anthracene	21.62	228	1198531	49.819	ng	100
82) 3,3'-Dichlorobenzidine	21.53	252	272104	28.416	ng	99
83) Chrysene	21.68	228	1152339	49.852	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	723586	49.600	ng	99
85) Di-n-octyl phthalate	22.73	149	1206605	47.829	ng	99
86) Indeno(1,2,3-cd)pyrene	28.41	276	1521732	49.584	ng	98
88) Benzo(b)fluoranthene	23.80	252	1266799	49.213	ng	99
89) Benzo(k)fluoranthene	23.88	252	1234785	50.441	ng	98
90) Benzo(a)pyrene	24.66	252	1170767	48.172	ng	# 96
91) Dibenzo(a,h)anthracene	28.47	278	1240247	50.644	ng	97
92) Benzo(g,h,i)perylene	29.54	276	1272742	51.838	ng	97

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

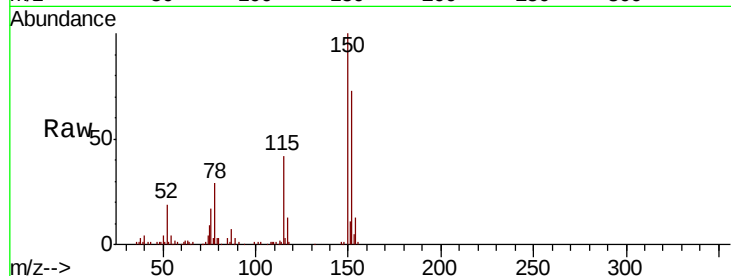


#1

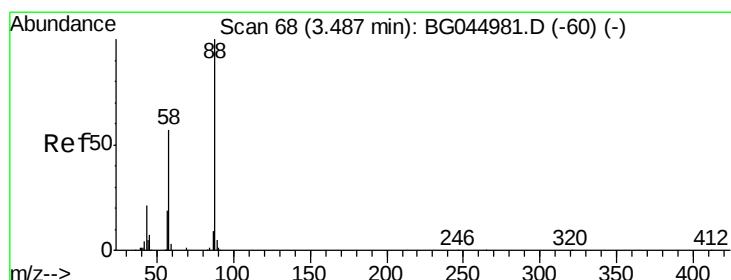
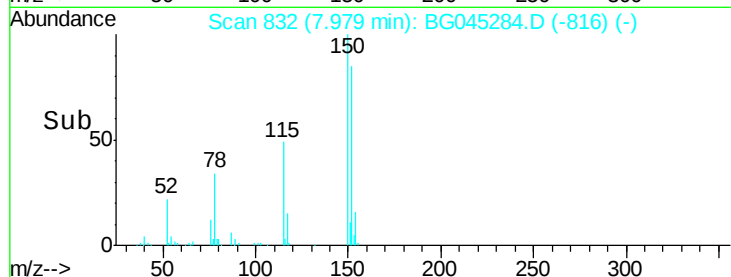
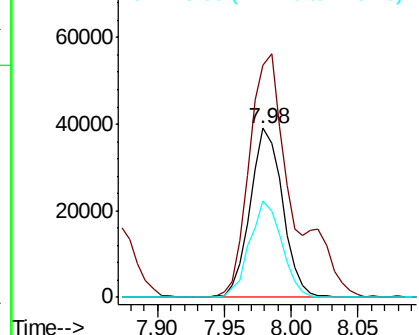
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65556
Ion Ratio Lower Upper
152 100
150 137.3 123.6 185.4
115 57.1 49.1 73.7



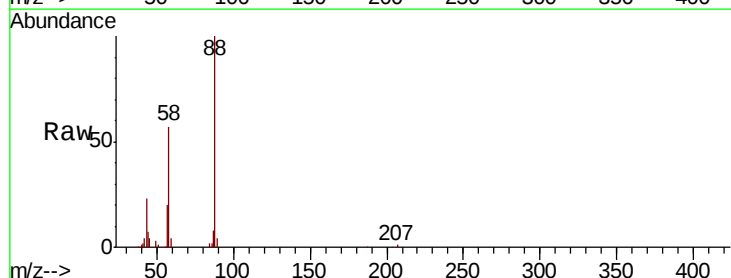
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



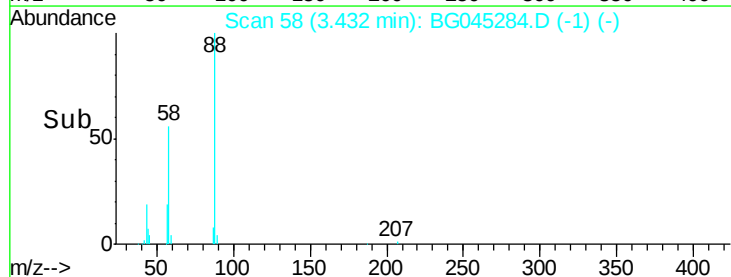
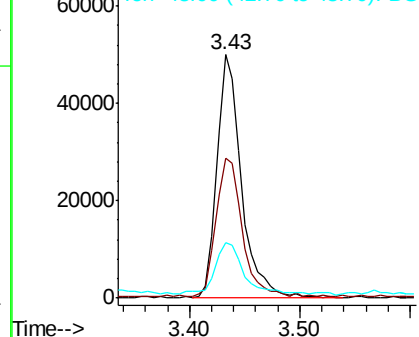
#2

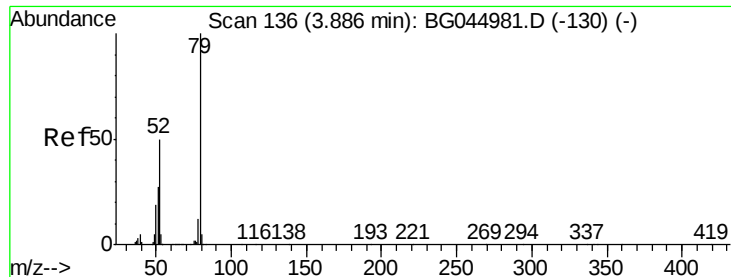
1,4-Dioxane
Concen: 43.451 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion: 88 Resp: 76678
Ion Ratio Lower Upper
88 100
58 59.7 46.6 69.8
43 23.8 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: 33.704 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

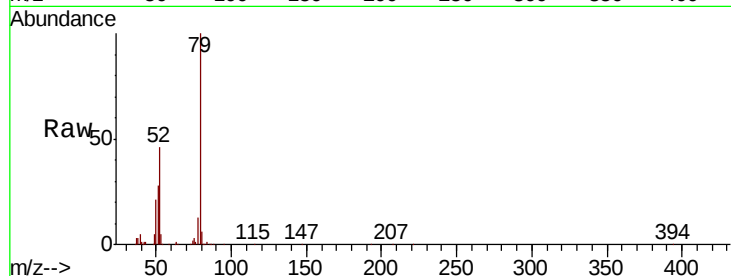
Tot Ion: 79 Resp: 183130

Ion Ratio Lower Upper

79 100

52 45.7 39.8 59.6

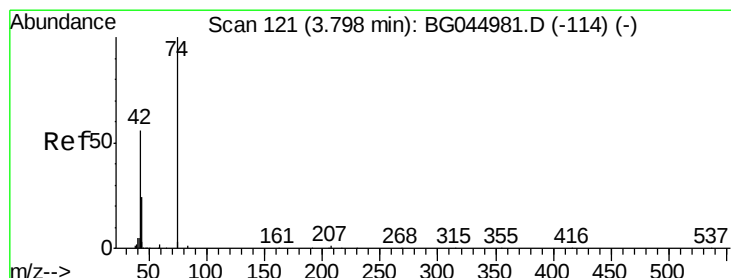
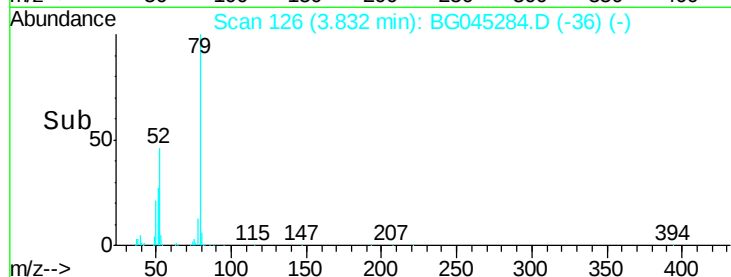
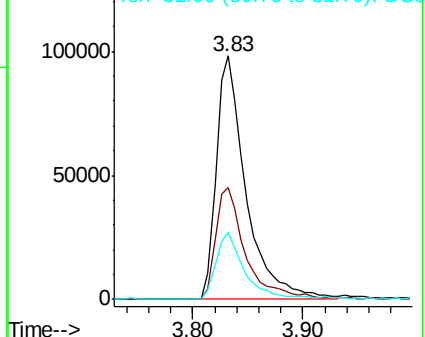
51 27.6 21.4 32.2



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: 50.257 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

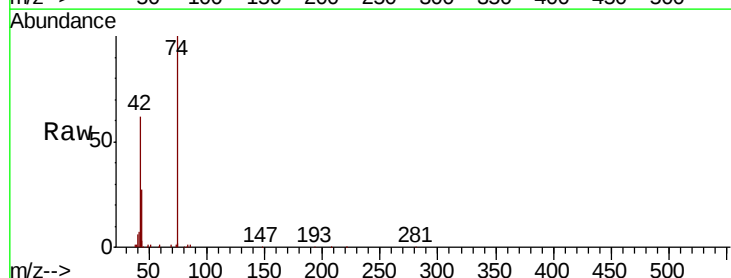
Tgt Ion: 42 Resp: 83652

Ion Ratio Lower Upper

42 100

74 160.1 143.0 214.6

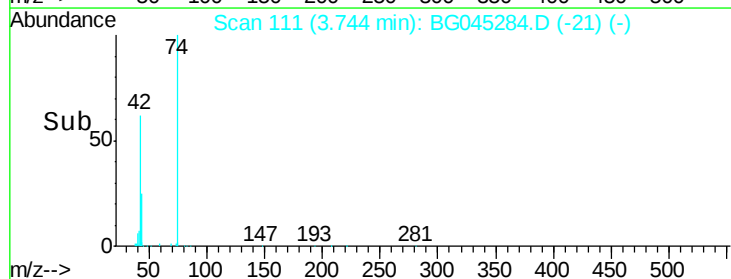
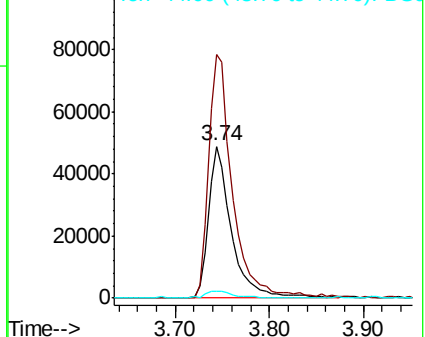
44 4.8 4.6 6.8

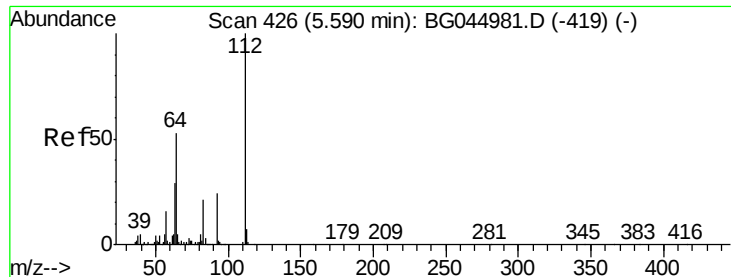


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 103.936 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

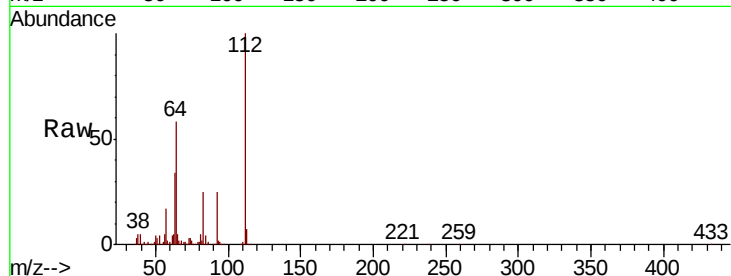
Tot Ion:112 Resp: 412709

Ion Ratio Lower Upper

112 100

64 57.6 42.4 63.6

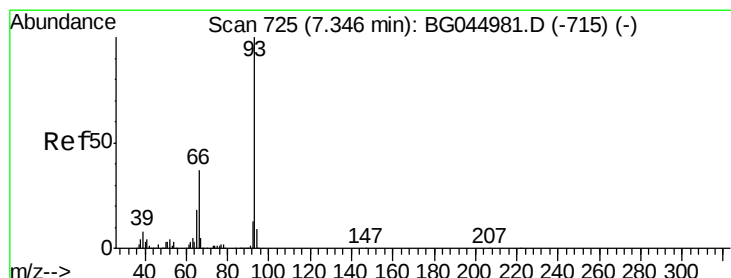
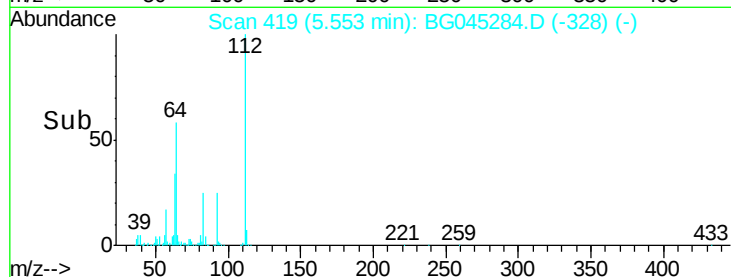
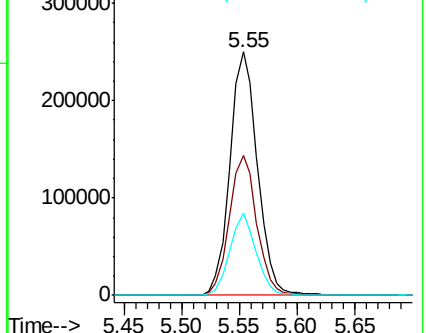
63 34.0 23.1 34.7



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: 36.977 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

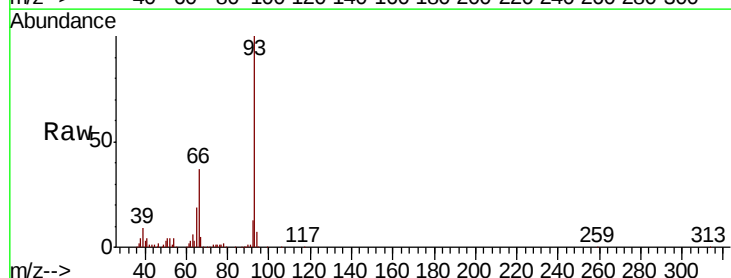
Tgt Ion: 93 Resp: 283637

Ion Ratio Lower Upper

93 100

66 36.6 29.8 44.8

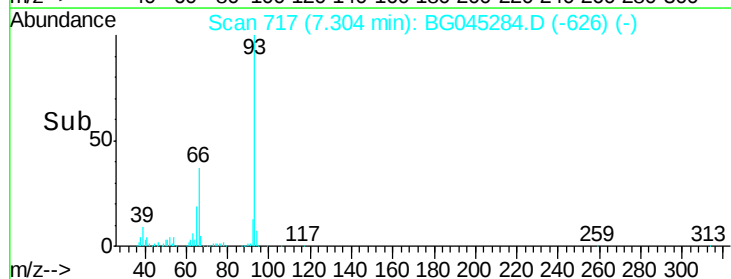
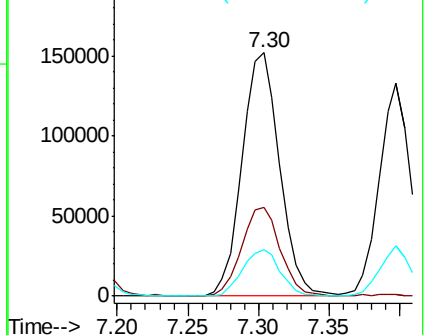
65 19.1 14.6 22.0

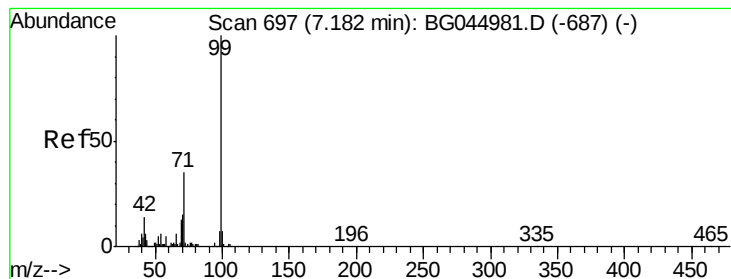


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 100.215 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

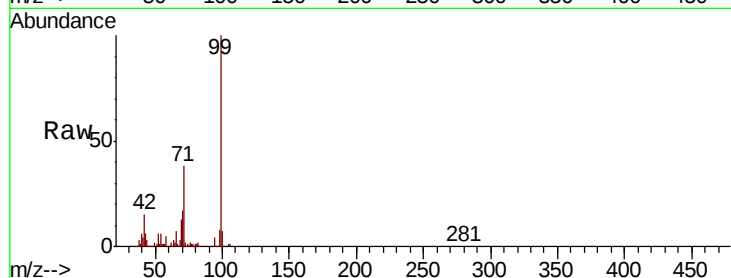
Tot Ion: 99 Resp: 591232

Ion Ratio Lower Upper

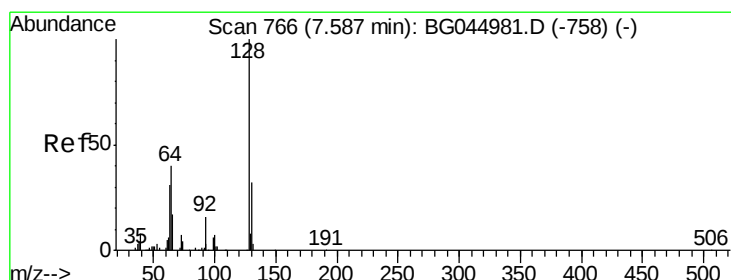
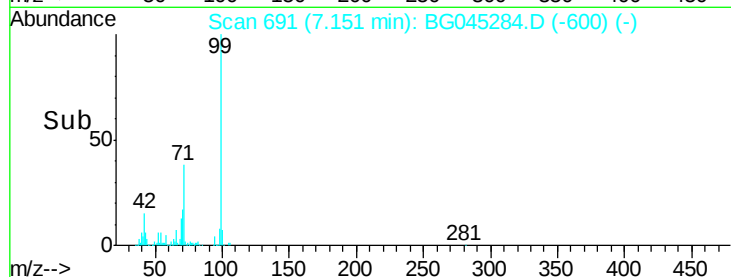
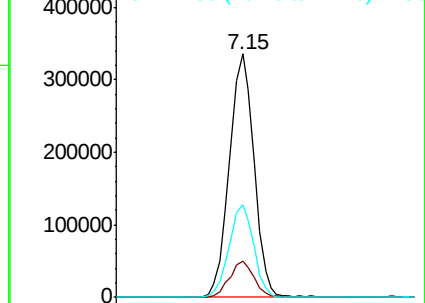
99 100

42 14.8 11.3 16.9

71 38.0 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 53.089 ng

RT: 7.54 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

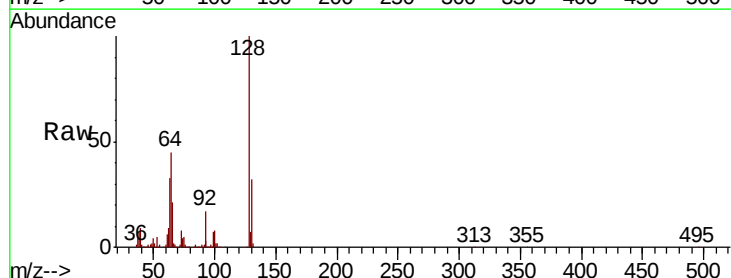
Tgt Ion:128 Resp: 226560

Ion Ratio Lower Upper

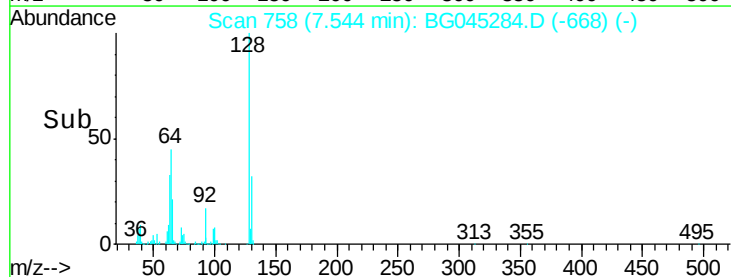
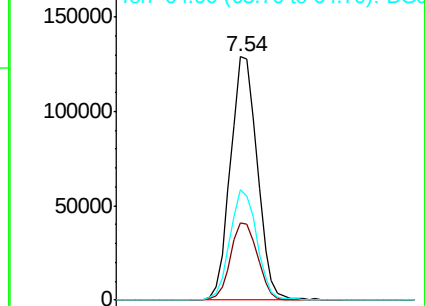
128 100

130 31.5 12.3 52.3

64 45.5 24.4 64.4



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





#9

Benzaldehyde

Concen: 60.983 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

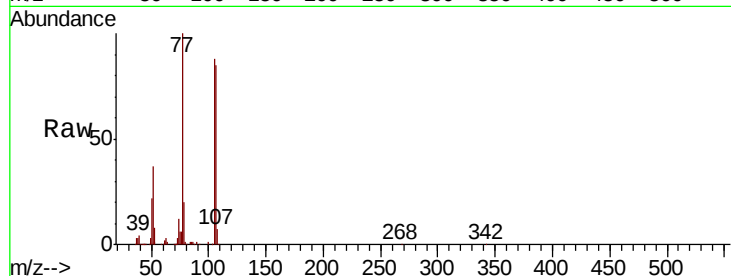
Tot Ion: 77 Resp: 176786

Ion Ratio Lower Upper

77 100

105 87.6 72.9 112.9

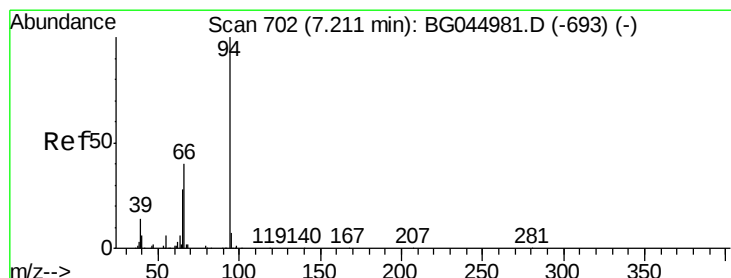
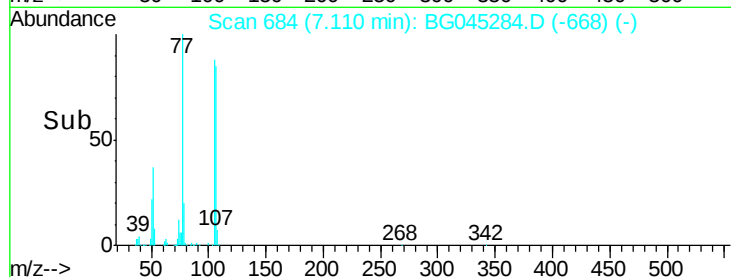
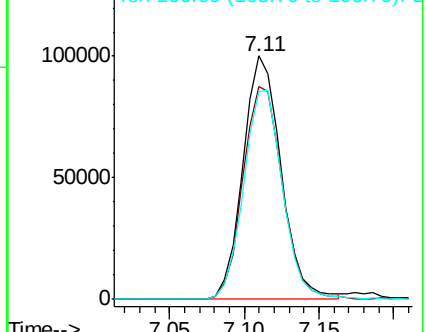
106 85.1 67.6 107.6



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: 50.953 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

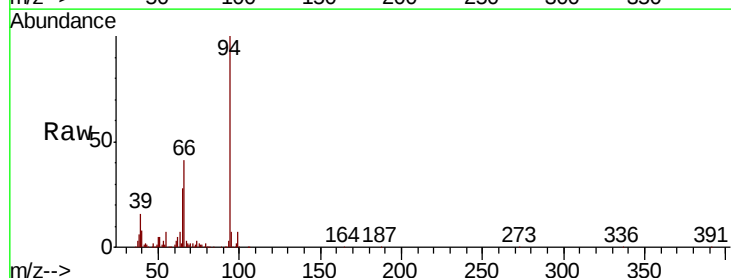
Tgt Ion: 94 Resp: 300807

Ion Ratio Lower Upper

94 100

65 28.4 8.2 48.2

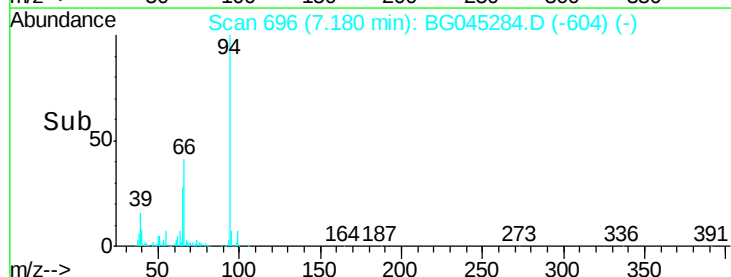
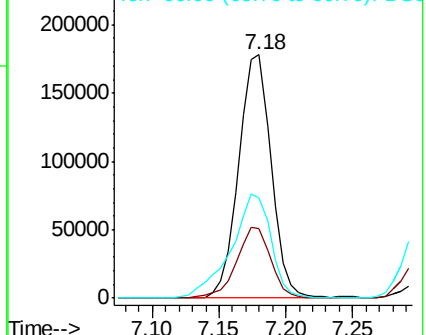
66 41.0 20.4 60.4

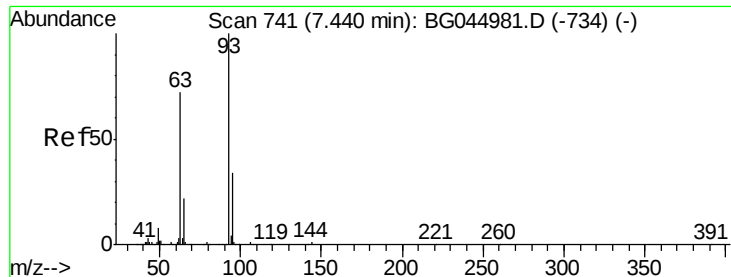


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.083 ng

RT: 7.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

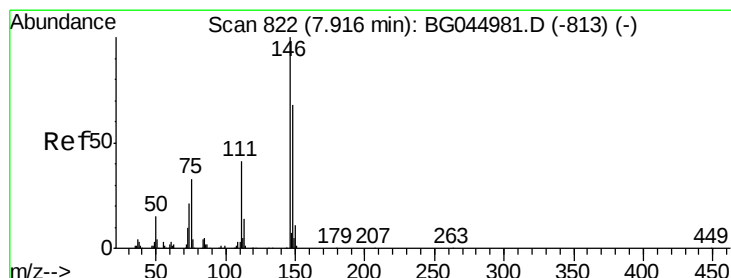
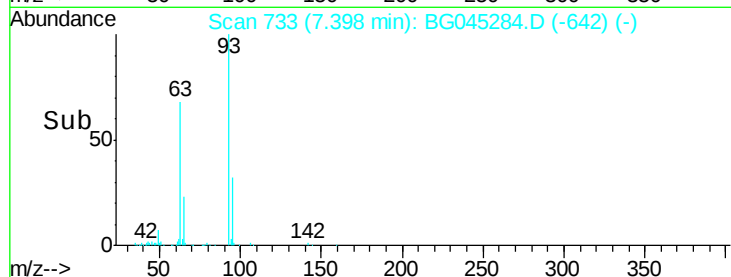
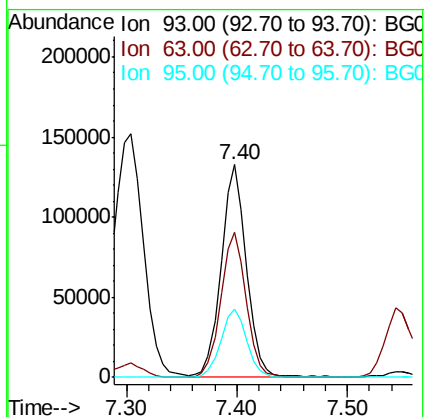
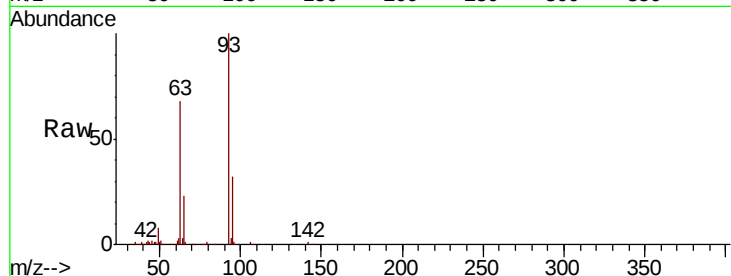
Tot Ion: 93 Resp: 211906

Ion Ratio Lower Upper

93 100

63 68.1 51.8 91.8

95 32.4 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 47.049 ng

RT: 7.87 min Scan# 814

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

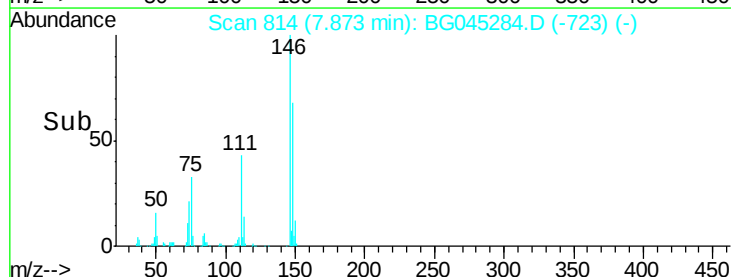
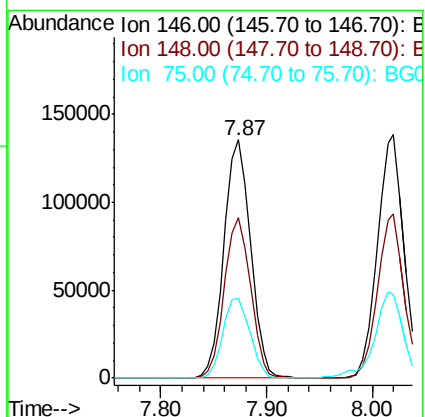
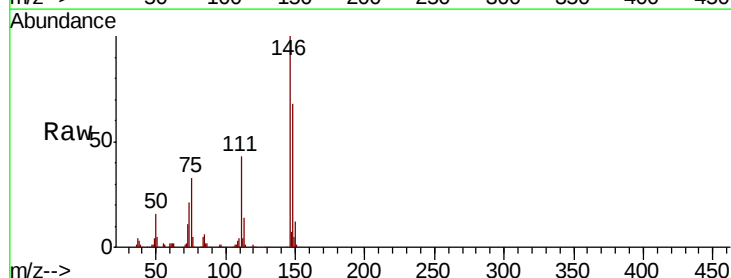
Tgt Ion: 146 Resp: 236597

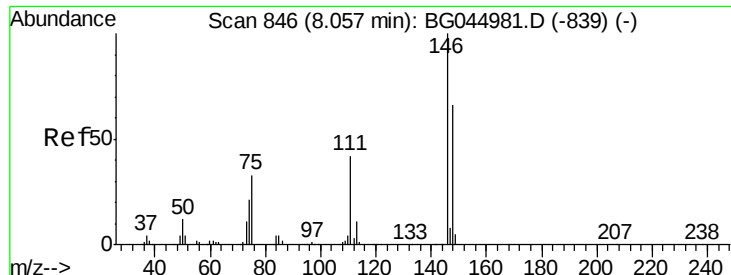
Ion Ratio Lower Upper

146 100

148 67.6 54.6 81.8

75 33.3 26.0 39.0

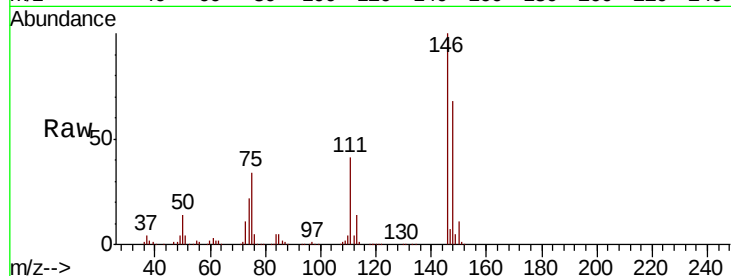




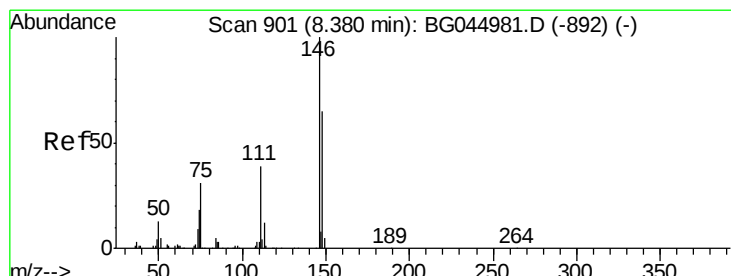
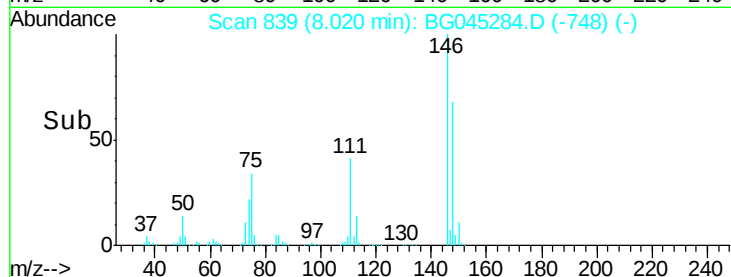
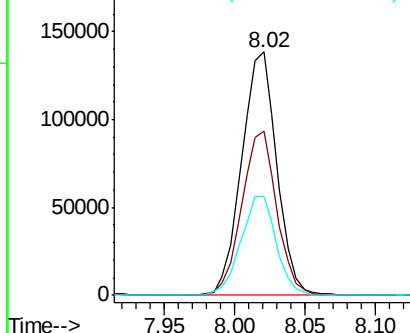
#13
 1,4-Dichlorobenzene
 Concen: 48.232 ng
 RT: 8.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 241681
 Ion Ratio Lower Upper
 146 100
 148 67.6 53.3 79.9
 111 40.7 33.8 50.8

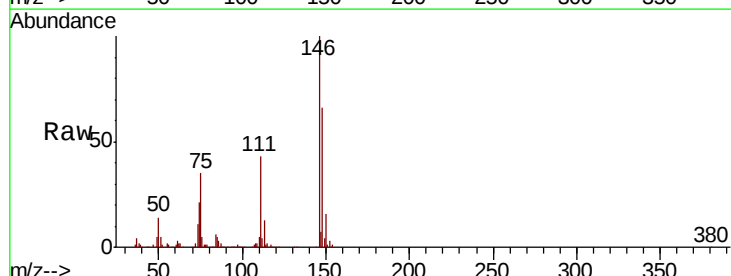


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

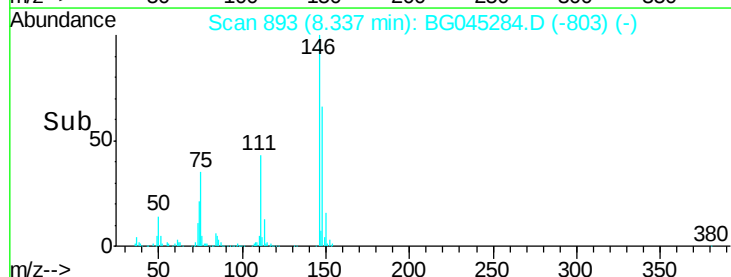
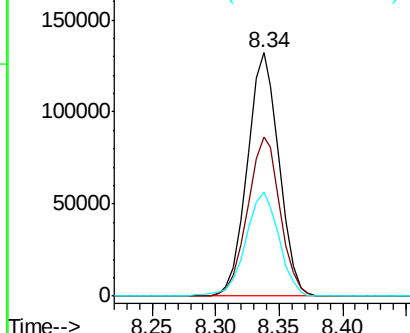


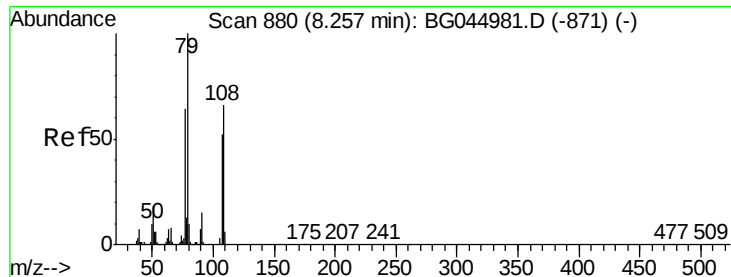
#14
 1,2-Dichlorobenzene
 Concen: 47.861 ng
 RT: 8.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:146 Resp: 229436
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.9 77.9
 111 42.9 31.3 46.9



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





#15

Benzyl Alcohol

Concen: 47.041 ng

RT: 8.22 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

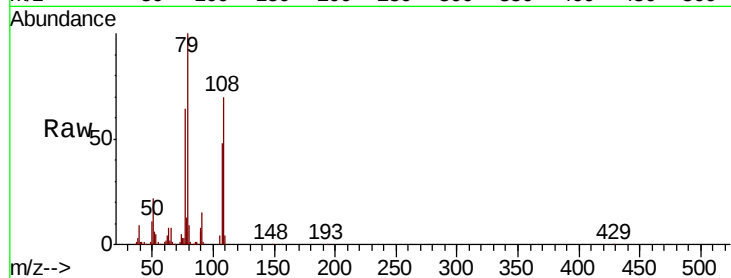
Tot Ion: 79 Resp: 232683

Ion Ratio Lower Upper

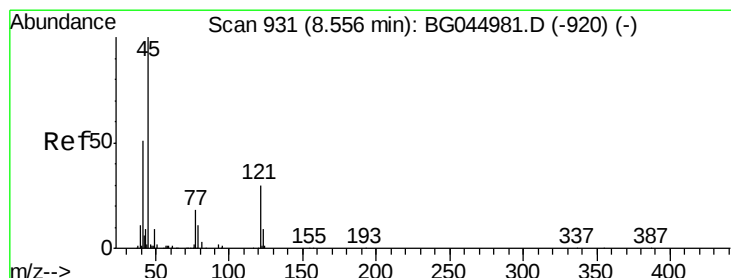
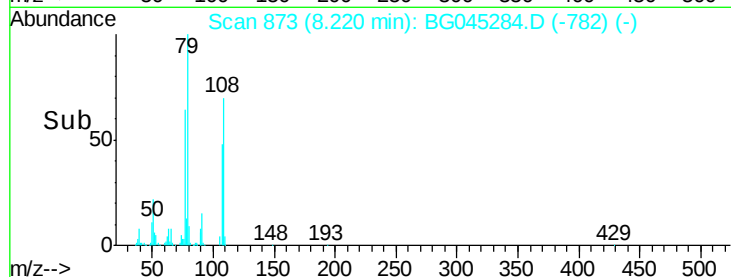
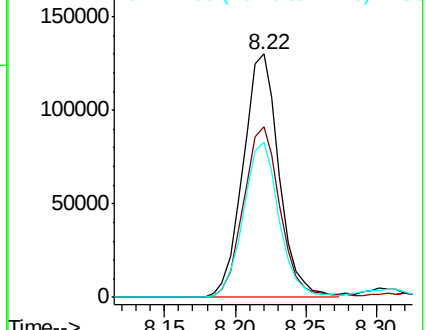
79 100

108 70.2 52.7 79.1

77 63.9 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: 41.656 ng

RT: 8.51 min Scan# 923

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

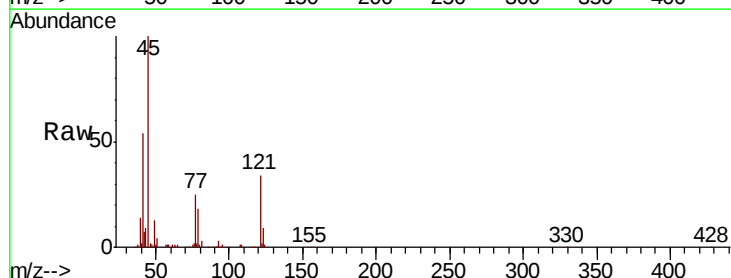
Tgt Ion: 45 Resp: 192201

Ion Ratio Lower Upper

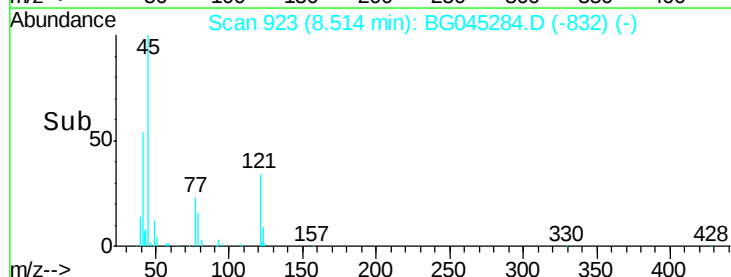
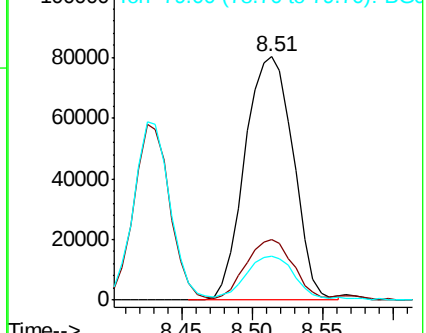
45 100

77 25.1 1.9 41.9

79 18.1 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: 44.191 ng

RT: 8.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 201287

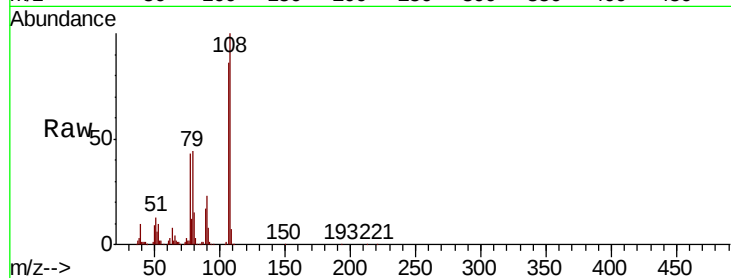
Ion Ratio Lower Upper

107 100

108 115.7 93.8 140.6

77 49.3 38.5 57.7

79 50.7 40.1 60.1

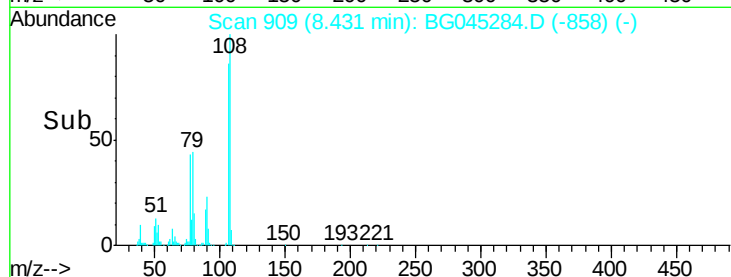


Abundance Ion 107.00 (106.70 to 107.70): E

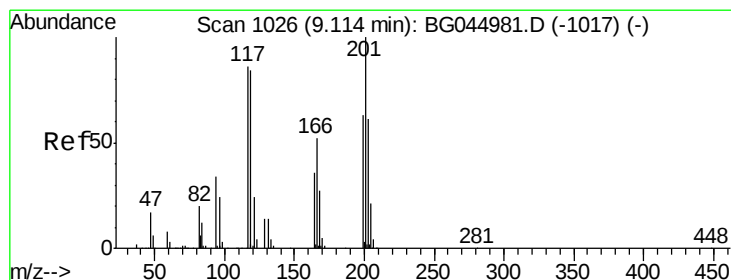
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



Time-->



#18

Hexachloroethane

Concen: 49.327 ng

RT: 9.07 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

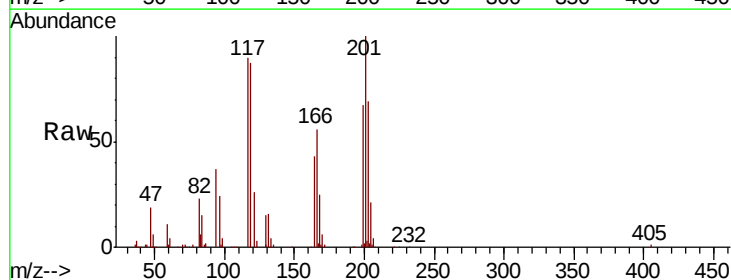
Tgt Ion:117 Resp: 92919

Ion Ratio Lower Upper

117 100

119 97.1 78.3 117.5

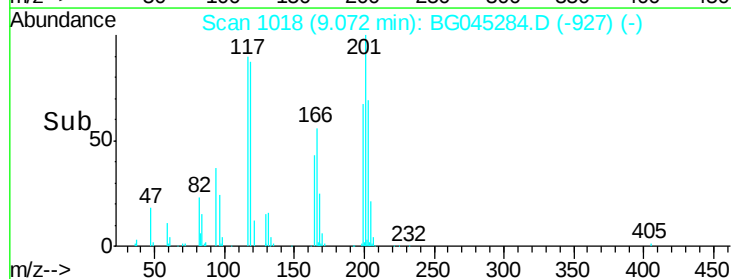
201 111.6 92.9 139.3



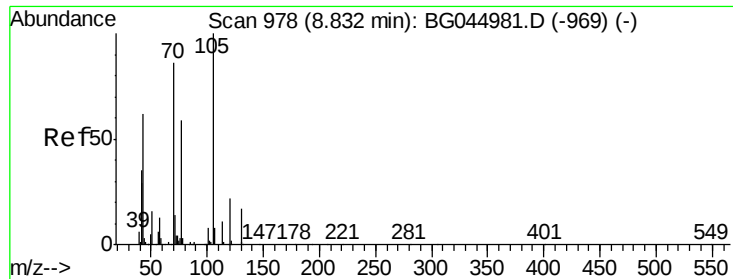
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



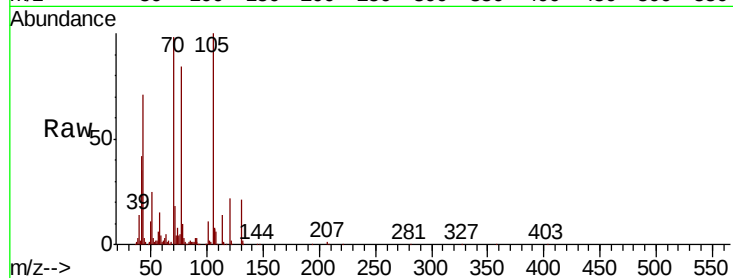
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 43.731 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	182455
Ion	Ratio	Lower	Upper
70	100		
42	43.1	33.3	49.9
101	11.3	7.8	11.8
130	21.4	15.8	23.6



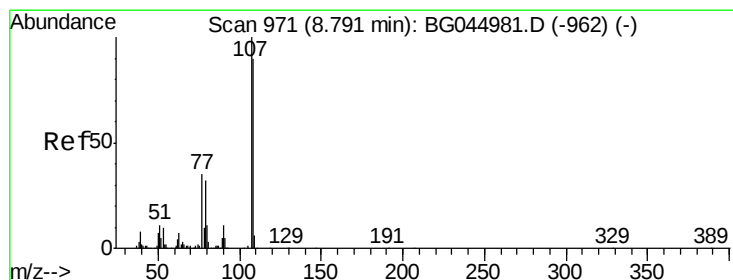
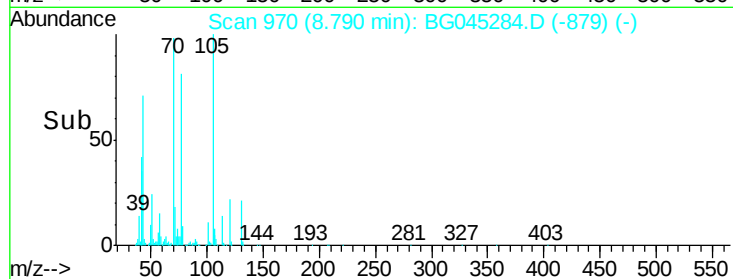
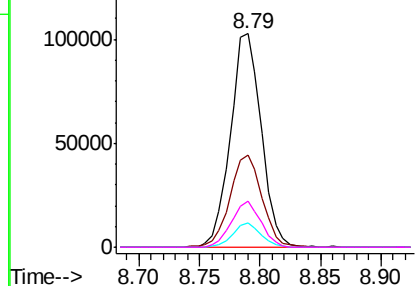
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

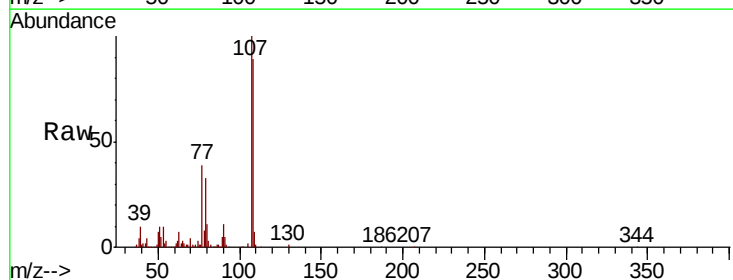
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.177 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:	107	Resp:	281658
Ion	Ratio	Lower	Upper
107	100		
108	88.9	69.9	109.9
77	38.9	15.2	55.2
79	33.1	11.6	51.6



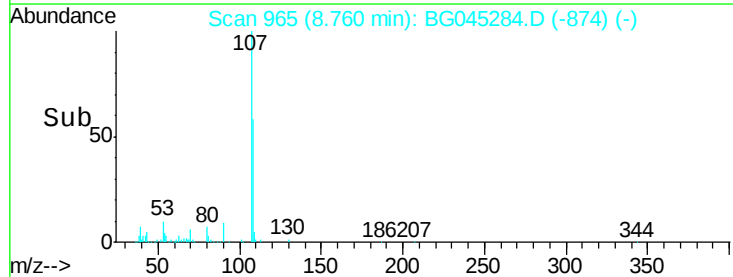
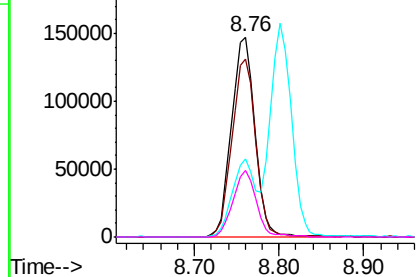
Abundance

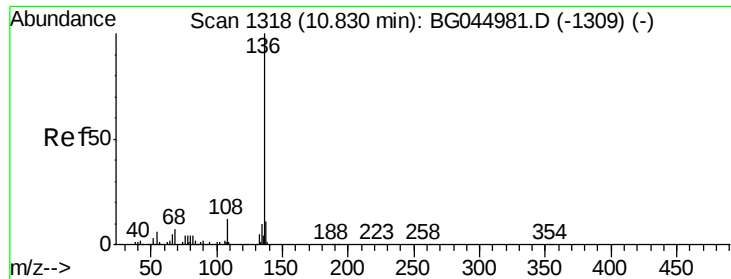
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 258316

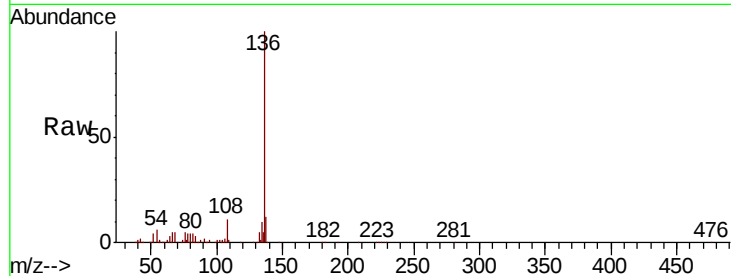
Ion Ratio Lower Upper

136 100

137 11.7 8.6 13.0

54 5.6 4.8 7.2

68 4.8 5.2 7.8#



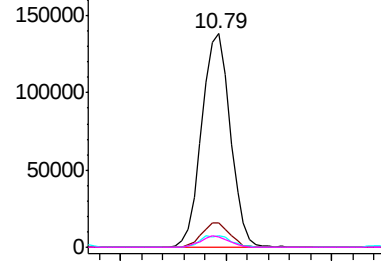
Abundance

Ion 136.00 (135.70 to 136.70): E

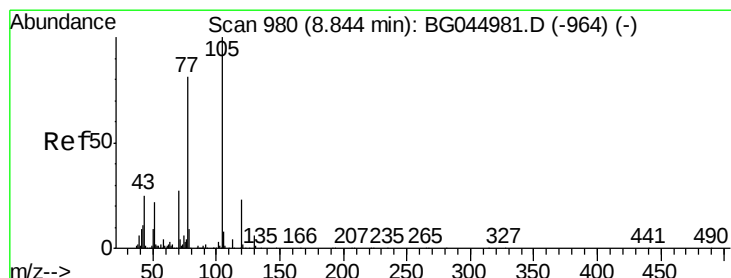
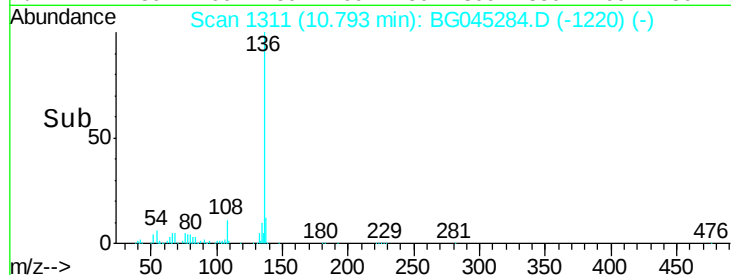
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 48.427 ng

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:105 Resp: 338291

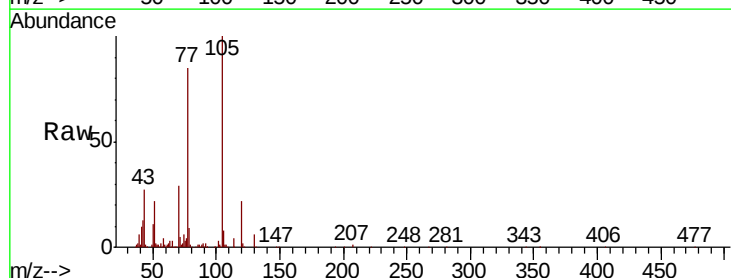
Ion Ratio Lower Upper

105 100

71 4.9 3.3 4.9

51 22.0 17.3 25.9

120 22.4 18.4 27.6



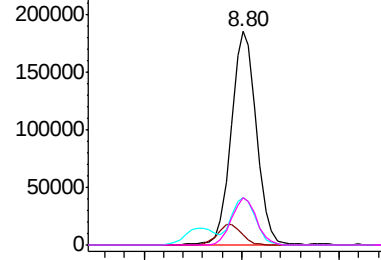
Abundance

Ion 105.00 (104.70 to 105.70): E

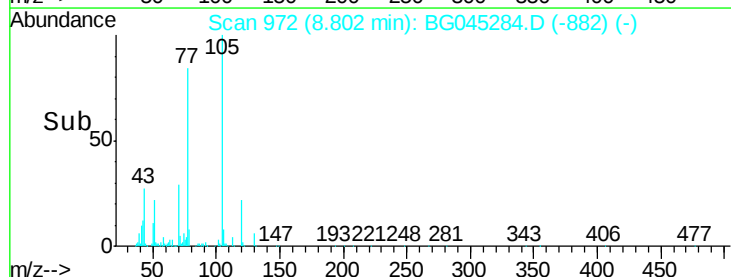
Ion 71.00 (70.70 to 71.70): BGC

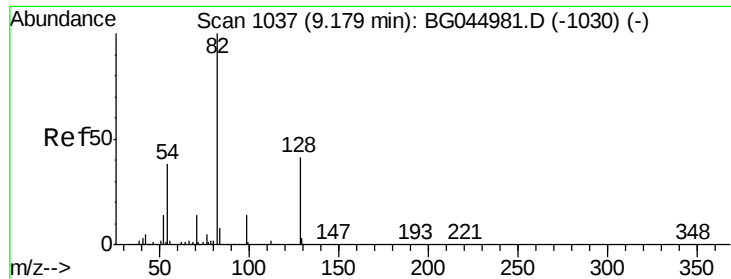
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->

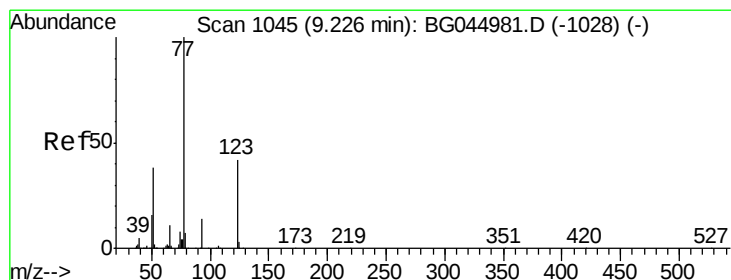
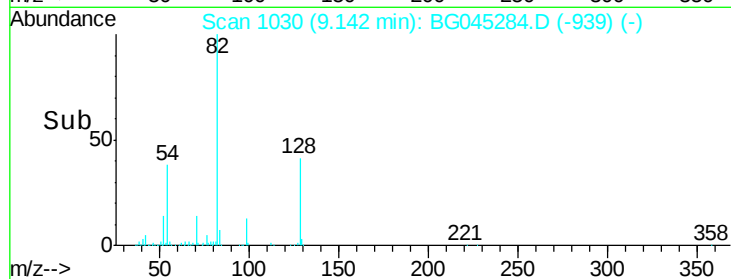
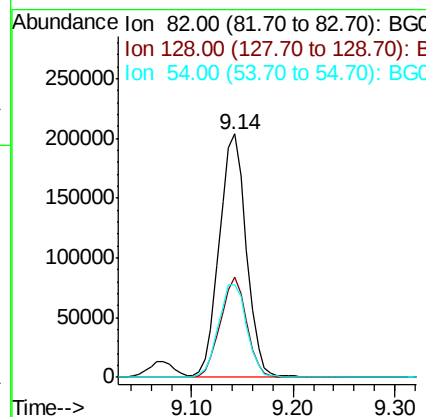
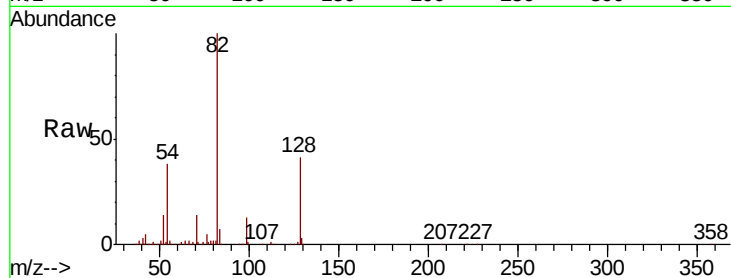




#23
 Nitrobenzene-d5
 Concen: 66.318 ng
 RT: 9.14 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

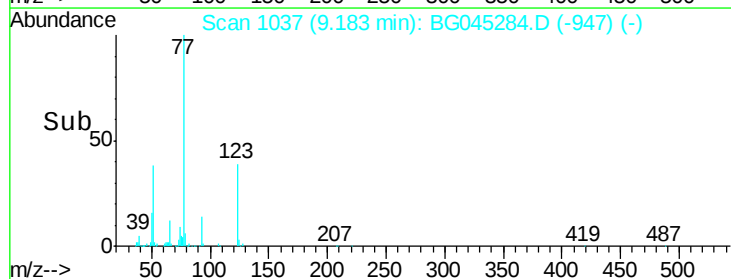
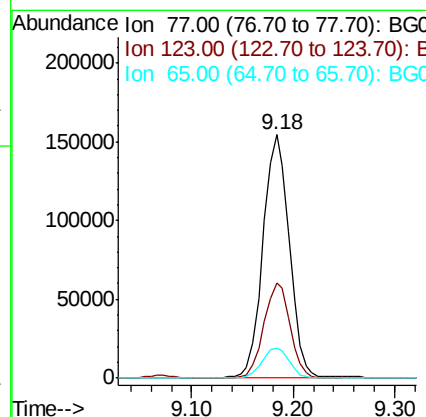
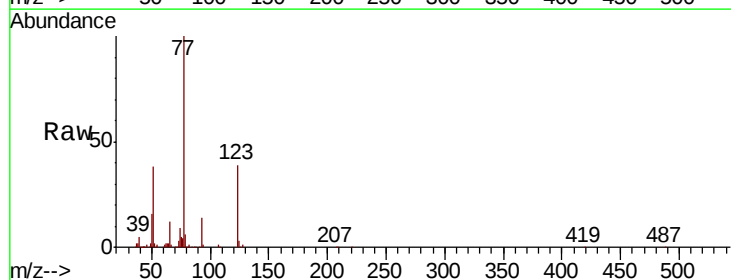
Instrument :
 BNA_G
 ClientSampleId :

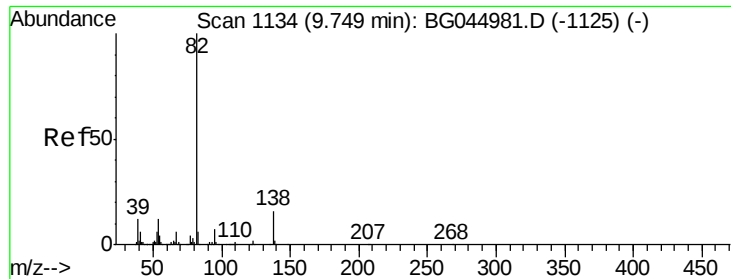
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.0	49.4
54	38.1	30.4	45.6



#24
 Nitrobenzene
 Concen: 47.755 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	34.3	51.5
65	12.3	8.9	13.3

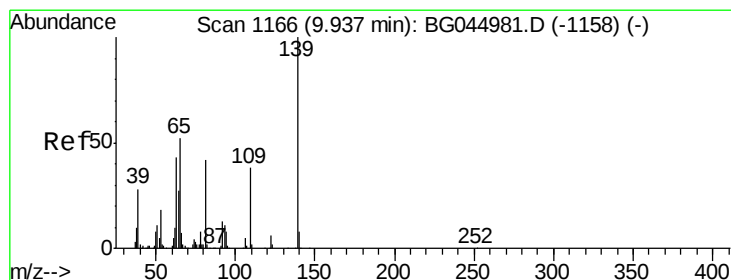
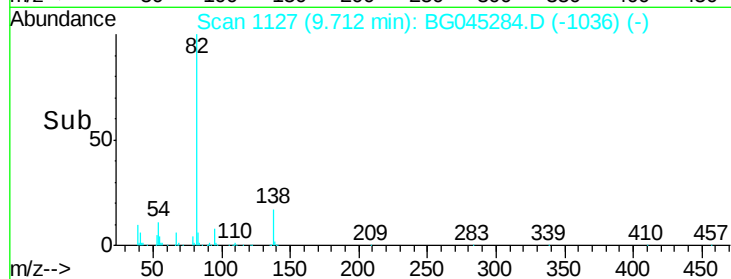
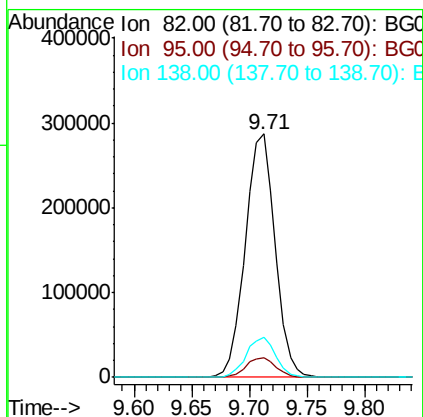
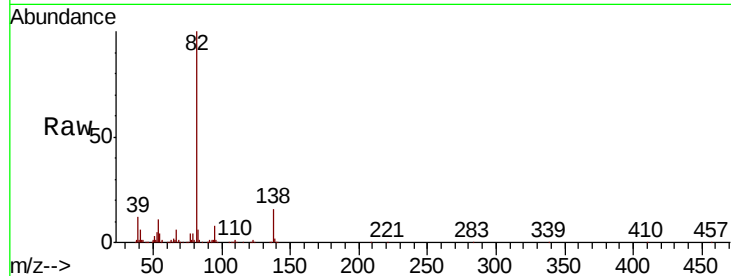




#25
Isophorone
Concen: 44.490 ng
RT: 9.71 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

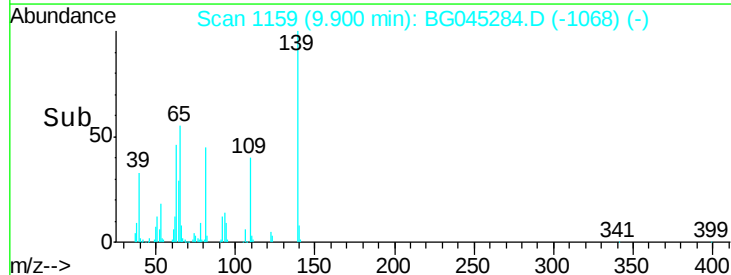
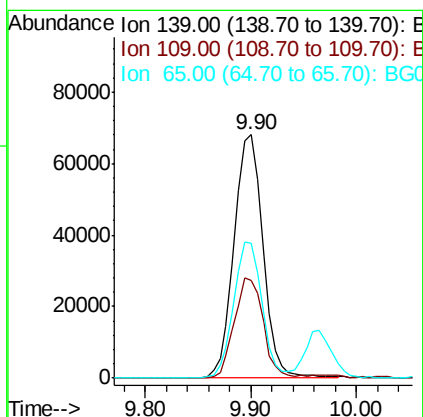
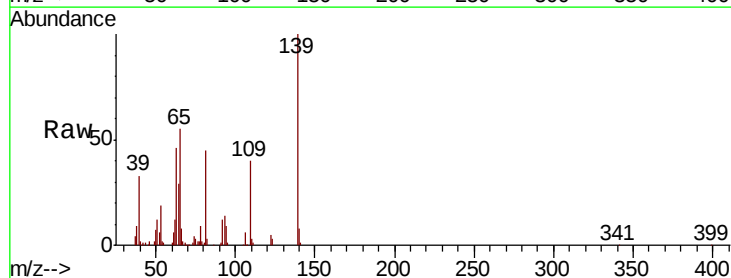
Instrument :
BNA_G
ClientSampleId :

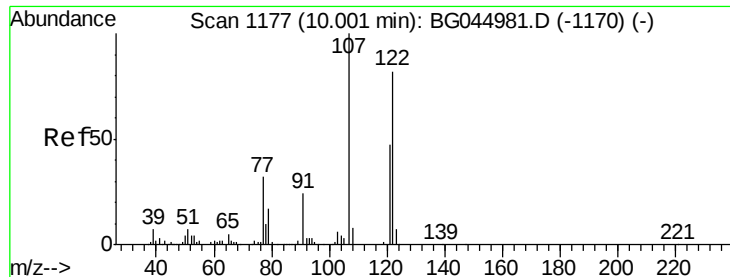
Tot Ion	82	Resp	515794
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.0	9.0
138	16.5	12.7	19.1



#26
2-Nitrophenol
Concen: 51.674 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	139	Resp	129165
Ion Ratio	Lower	Upper	
139	100		
109	40.0	30.6	45.8
65	55.3	41.8	62.6

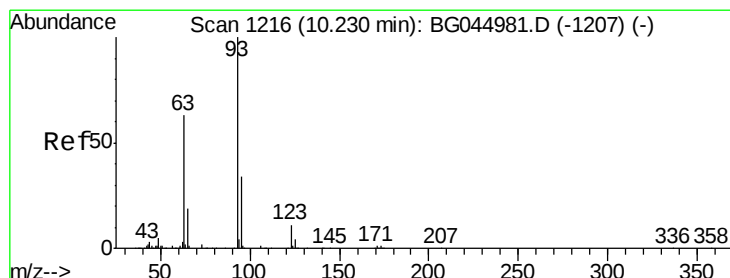
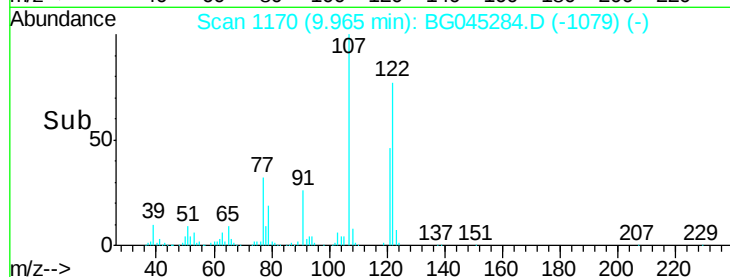
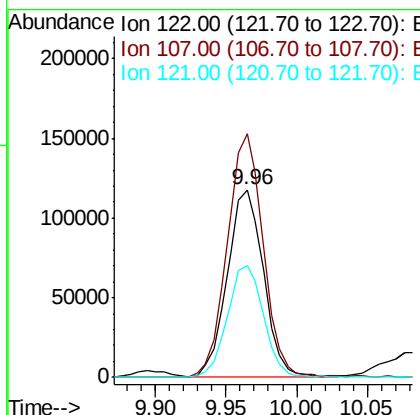
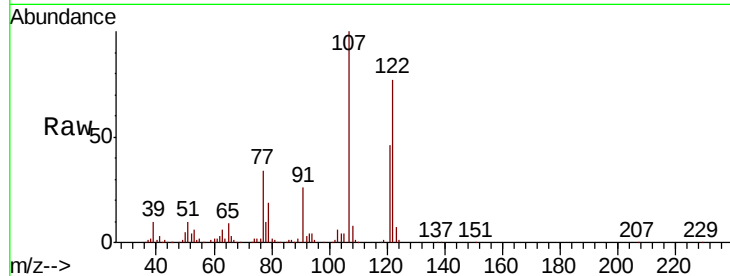




#27
 2,4-Dimethylphenol
 Concen: 52.545 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

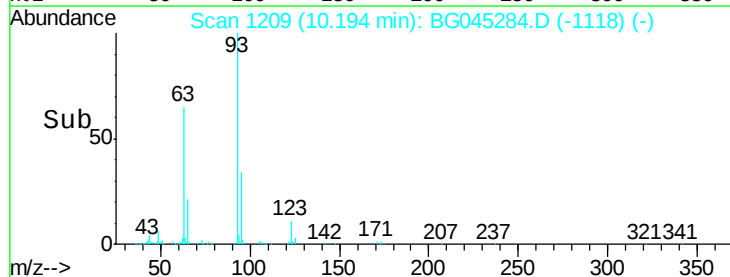
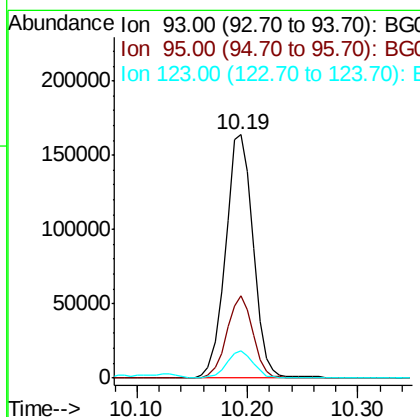
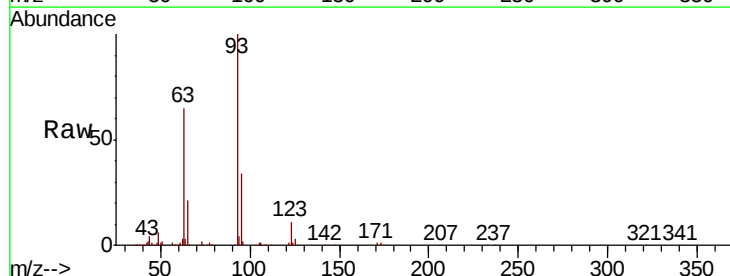
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 208402
 Ion Ratio Lower Upper
 122 100
 107 129.6 96.8 145.2
 121 59.5 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.111 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion: 93 Resp: 286968
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.0 40.4
 123 11.0 8.7 13.1

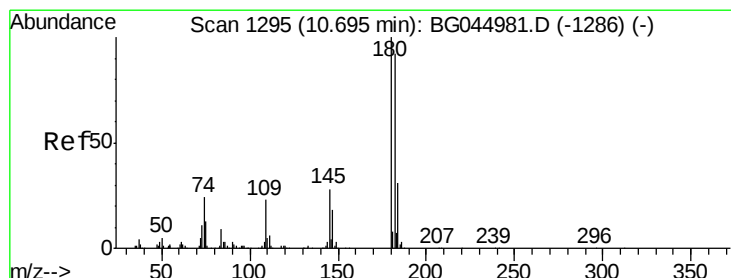
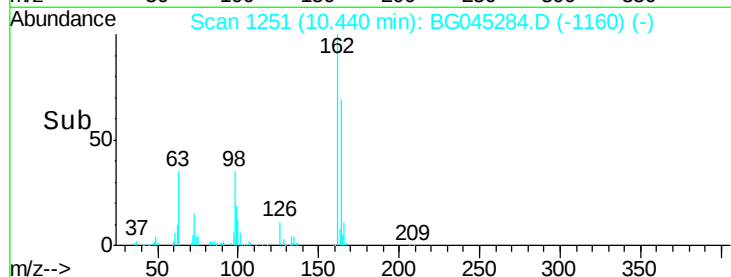
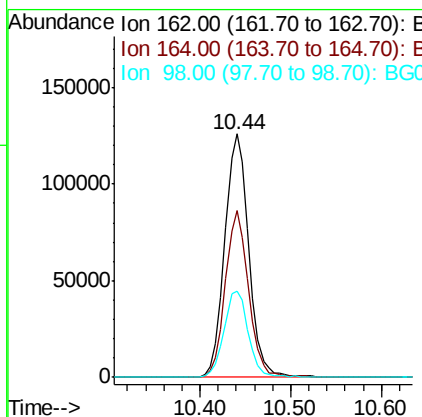
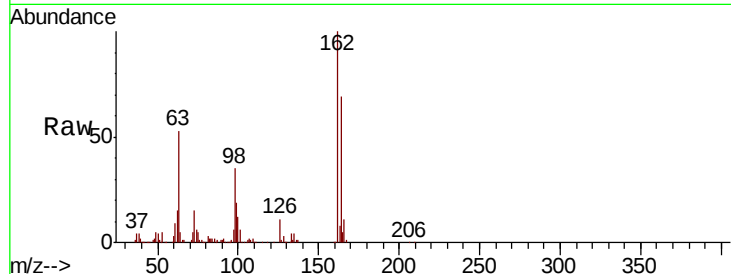




#29
 2,4-Dichlorophenol
 Concen: 50.539 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

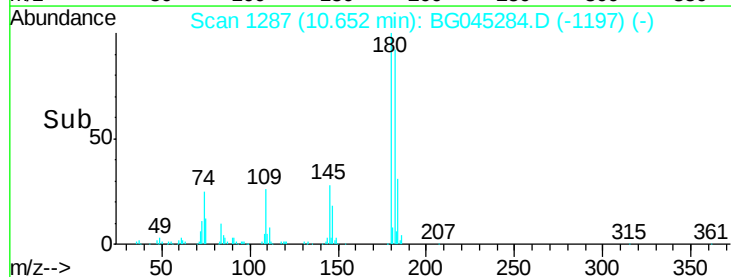
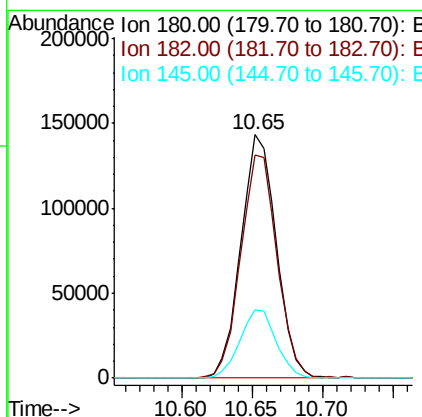
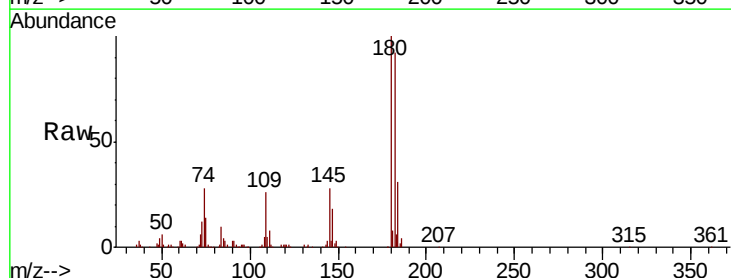
Instrument :
 BNA_G
 ClientSampleId :

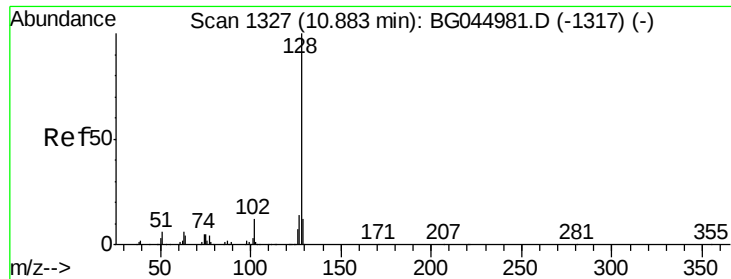
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.7	45.0	85.0
98	35.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 48.635 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	73.3	109.9
145	28.2	22.6	33.8

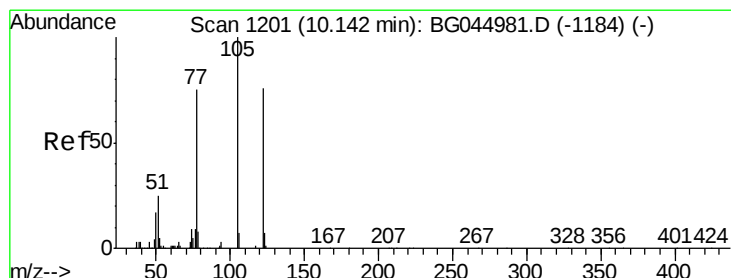
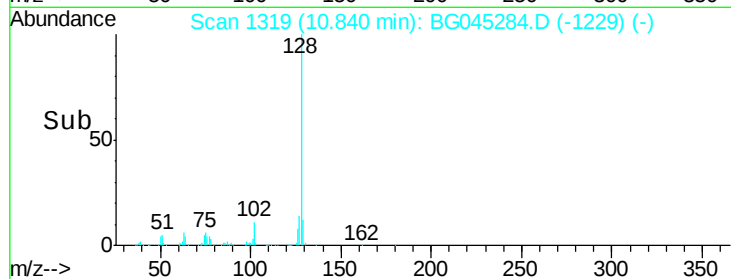
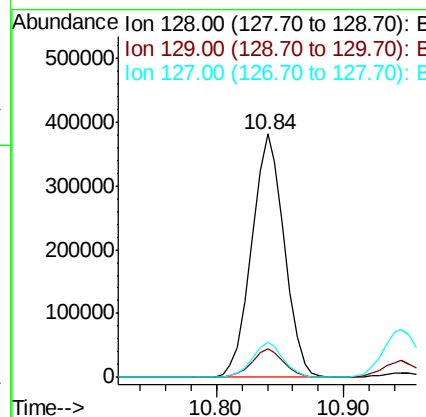
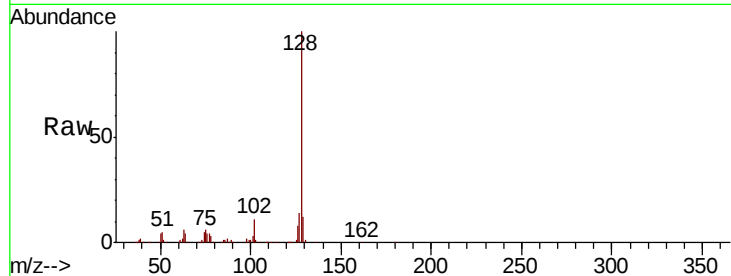




#31
Naphthalene
Concen: 48.015 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

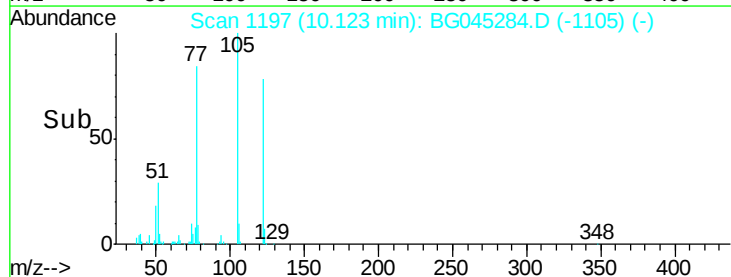
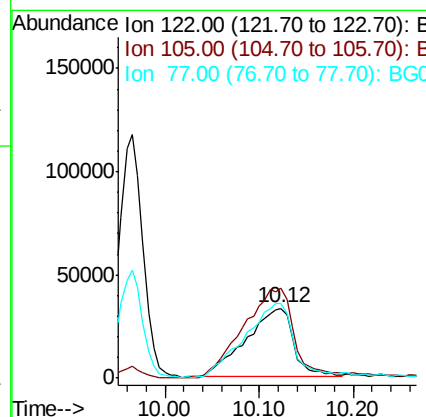
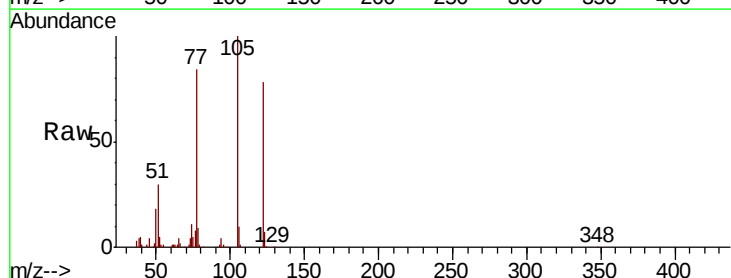
Instrument :
BNA_G
ClientSampled :

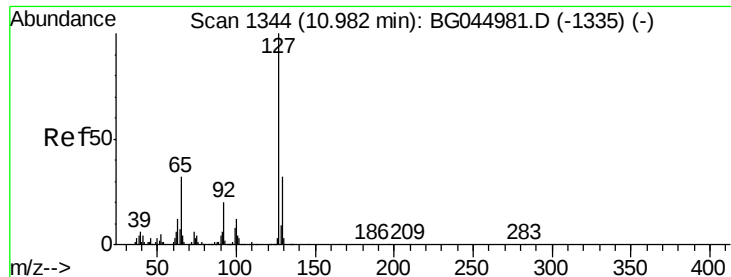
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	14.2	10.8	16.2



#32
Benzoic acid
Concen: 37.890 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	108.4	148.4
77	107.3	78.8	118.8

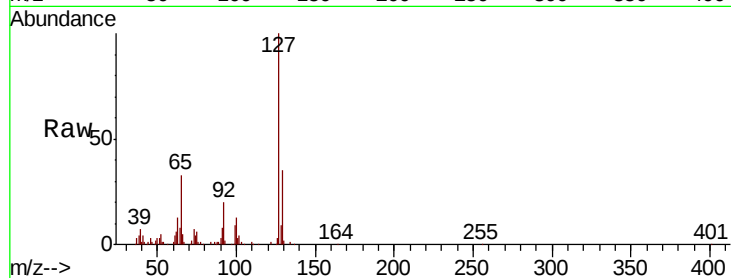




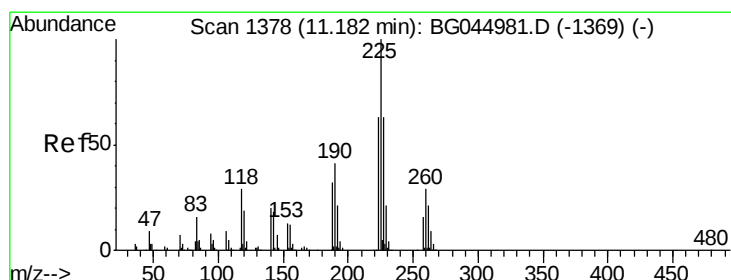
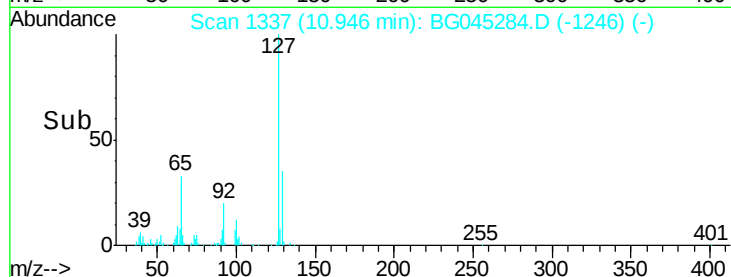
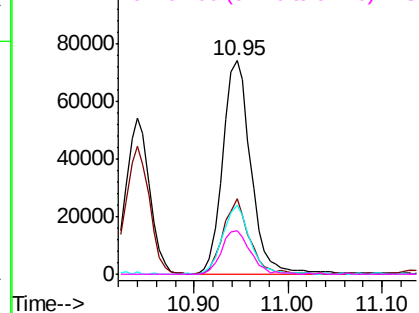
#33
4-Chloroaniline
Concen: 23.438 ng
RT: 10.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	154461
Ion	Ratio	Lower	Upper
127	100		
129	35.3	25.7	38.5
65	32.5	25.4	38.2
92	20.1	16.1	24.1

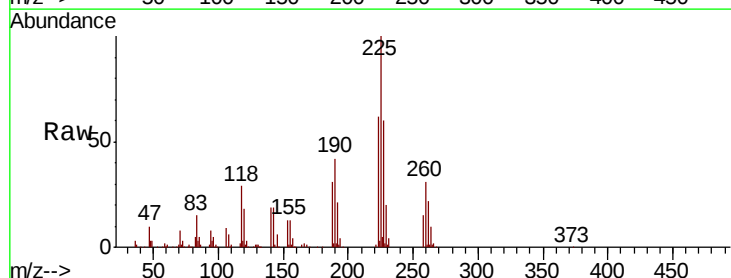


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

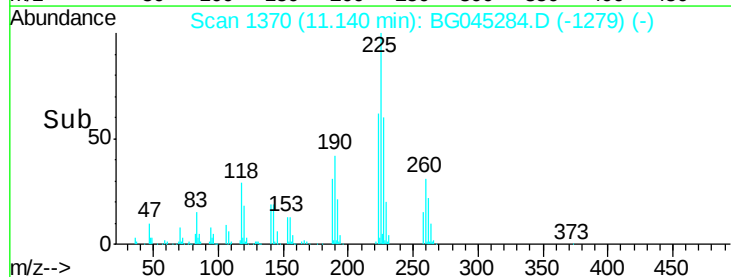
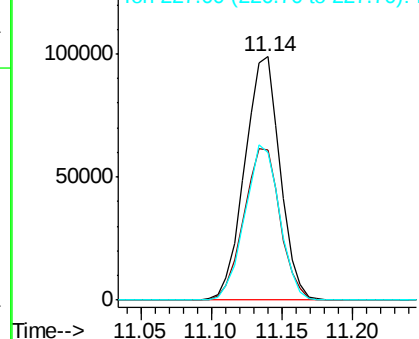


#34
Hexachlorobutadiene
Concen: 48.769 ng
RT: 11.14 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:	225	Resp:	173378
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.7	76.1
227	60.4	50.2	75.2



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

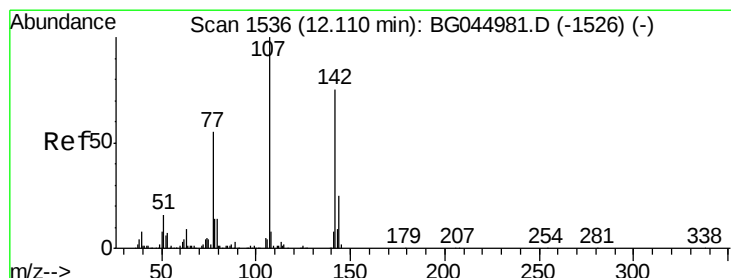
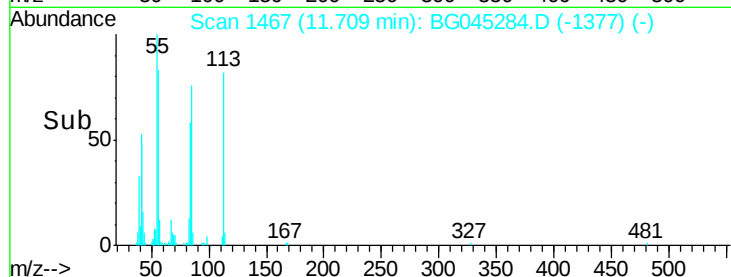
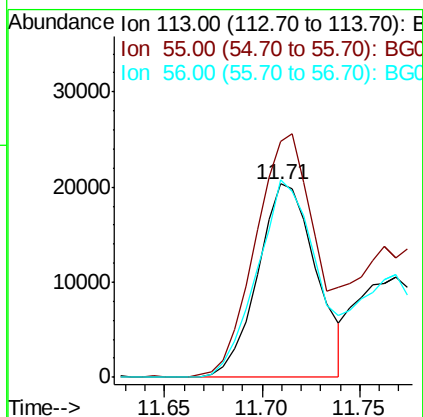
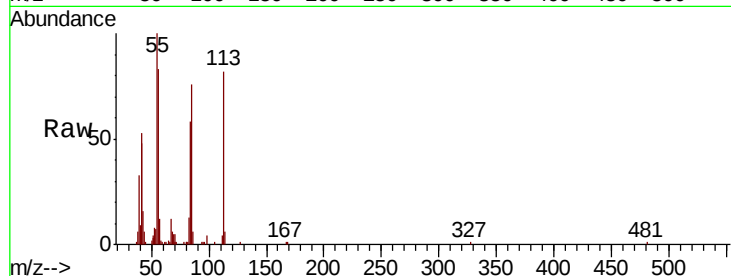




#35
 Caprolactam
 Concen: 23.100 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

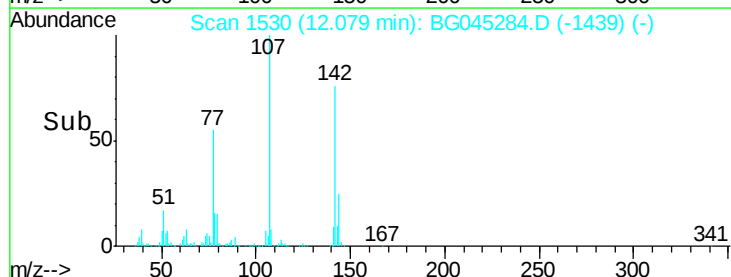
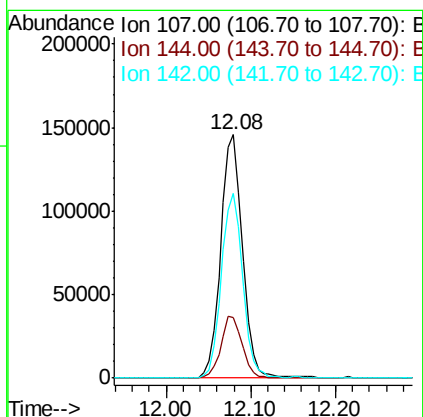
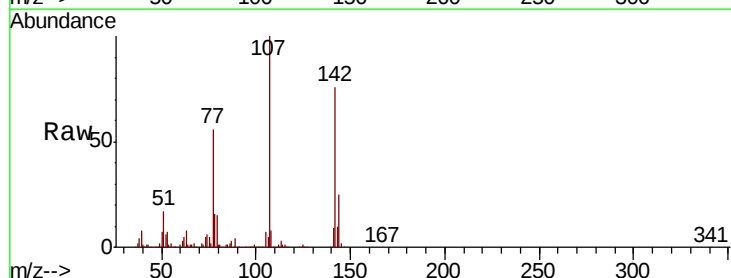
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 42104
 Ion Ratio Lower Upper
 113 100
 55 122.4 118.8 158.8
 56 102.0 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 48.671 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:107 Resp: 261845
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.8 29.6
 142 75.9 59.7 89.5

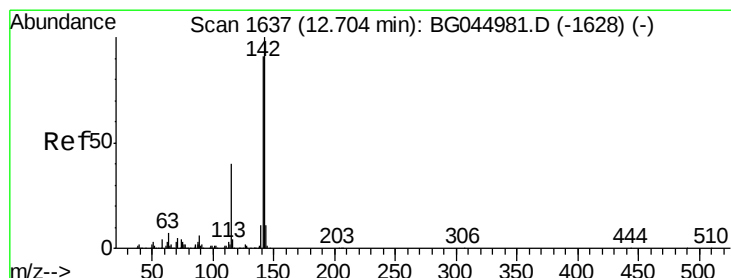
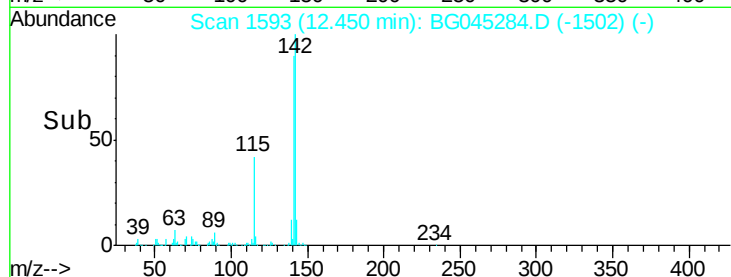
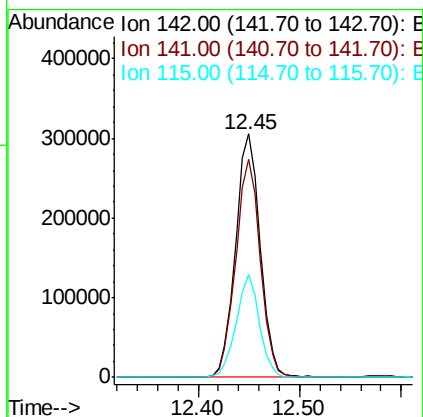
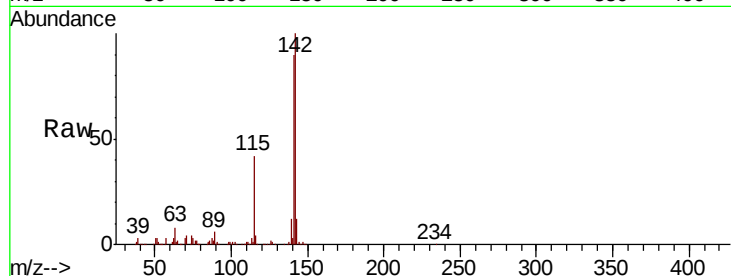




#37
2-Methylnaphthalene
Concen: 47.129 ng
RT: 12.45 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

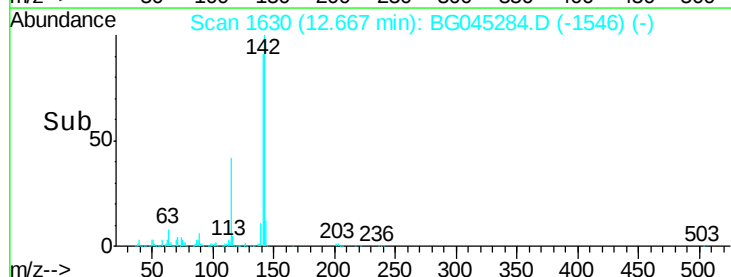
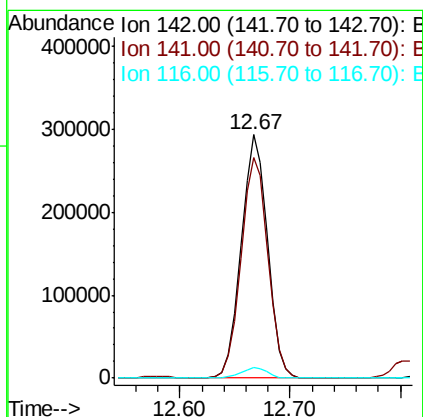
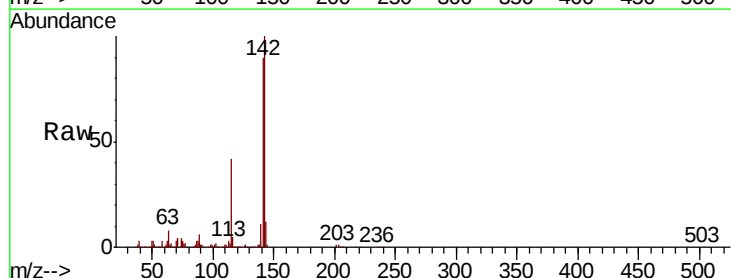
Instrument :
BNA_G
ClientSampleId :

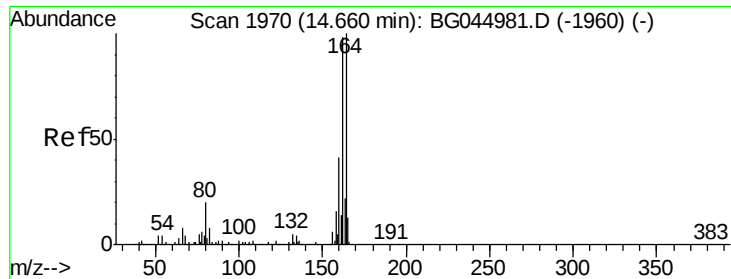
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	42.2	29.8	44.6



#38
1-Methylnaphthalene
Concen: 47.214 ng
RT: 12.67 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
116	4.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

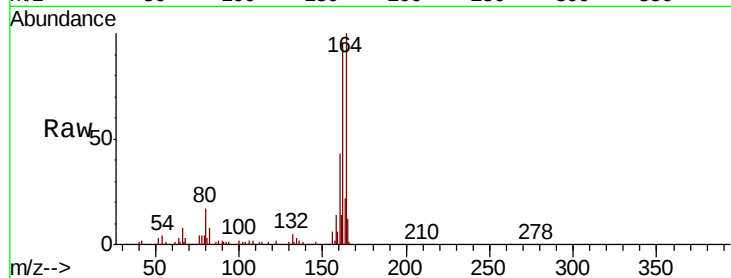
Tot Ion:164 Resp: 182658

Ion Ratio Lower Upper

164 100

162 96.1 78.7 118.1

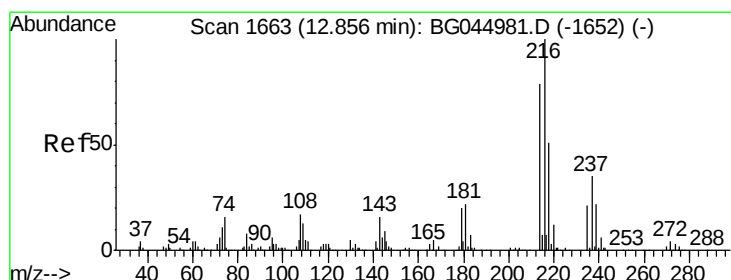
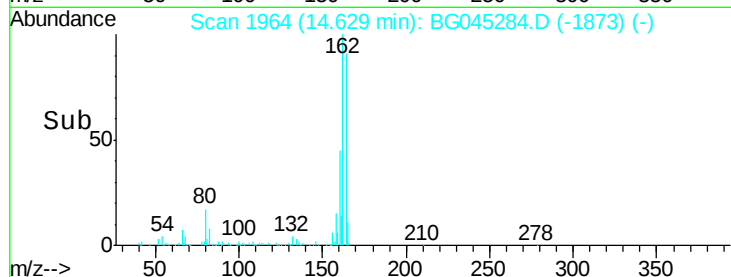
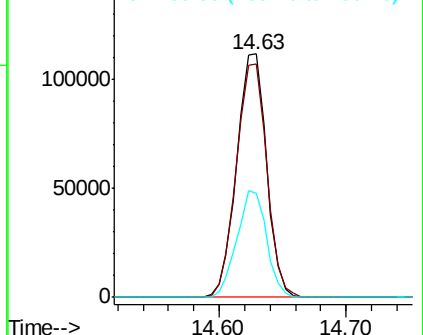
160 43.0 32.8 49.2



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: 49.905 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:216 Resp: 293495

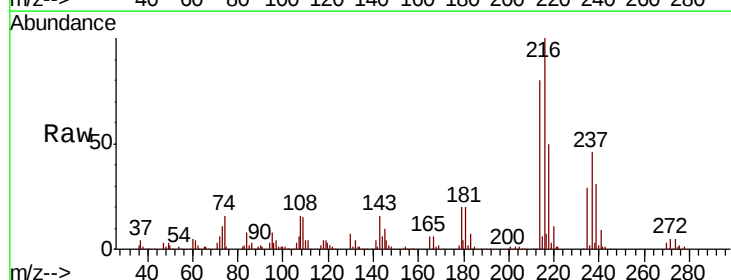
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.6

179 20.5 15.8 23.8

108 18.6 14.2 21.2

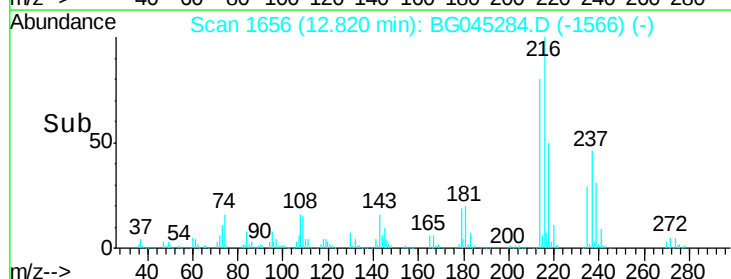
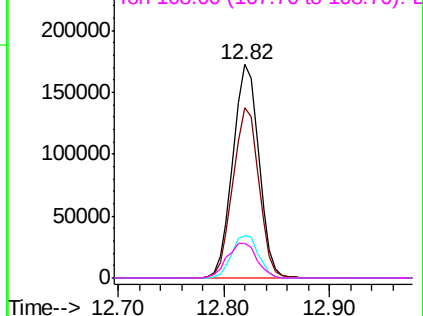


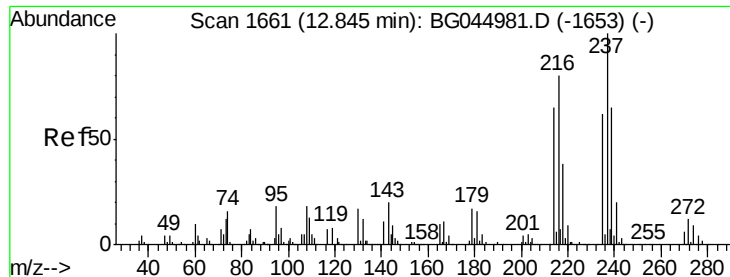
Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.972 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

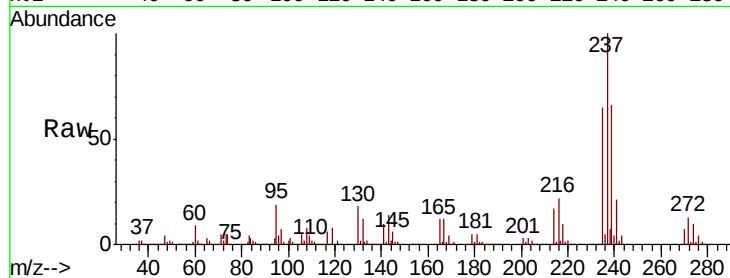
Tot Ion:237 Resp: 330718

Ion Ratio Lower Upper

237 100

235 64.9 41.6 81.6

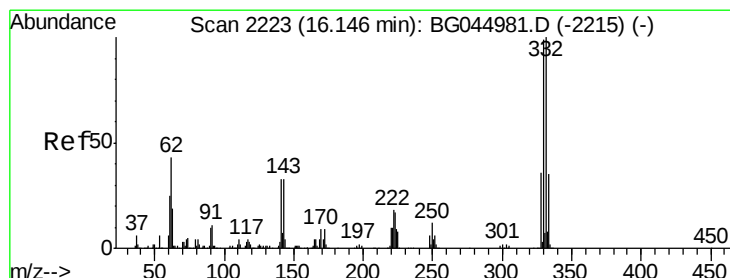
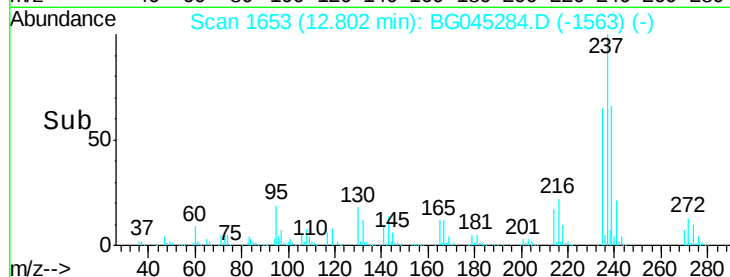
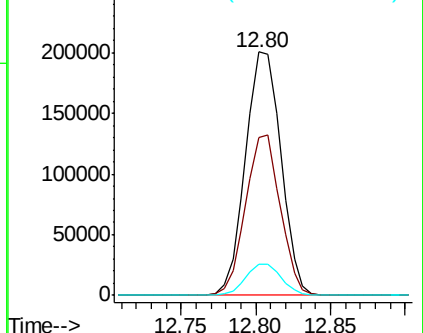
272 12.8 0.0 32.1



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: 98.508 ng

RT: 16.12 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

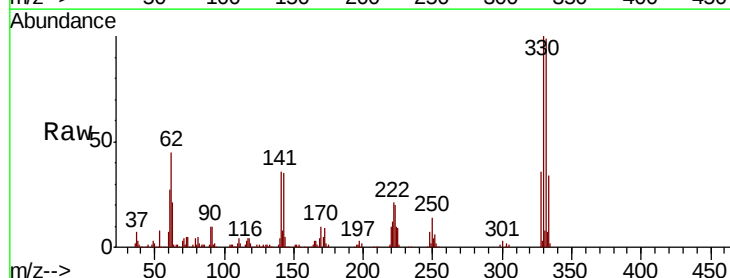
Tgt Ion:330 Resp: 277972

Ion Ratio Lower Upper

330 100

332 97.3 79.1 118.7

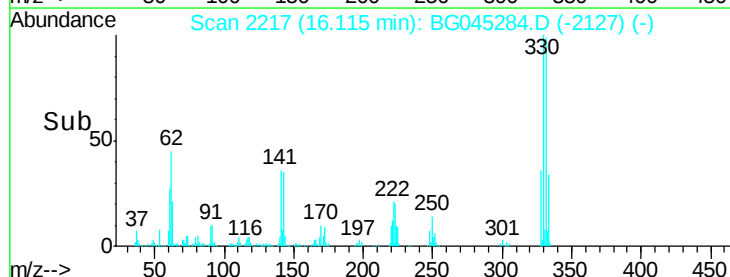
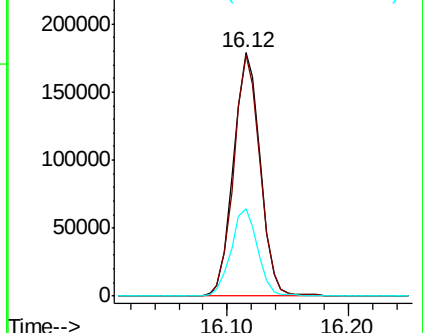
141 35.5 27.1 40.7



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

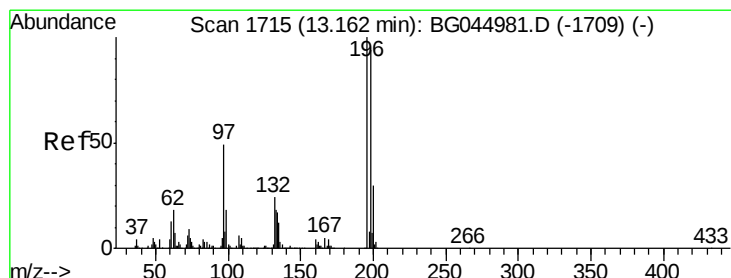
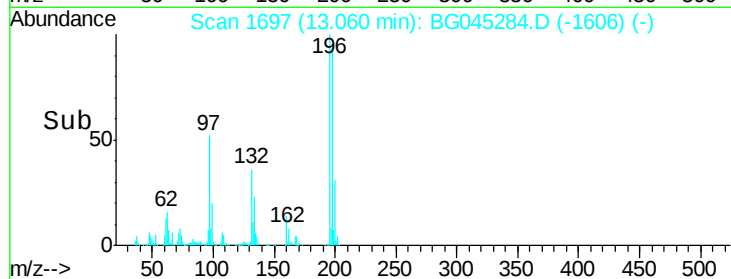
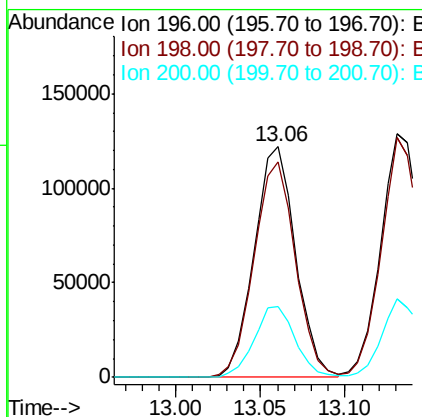
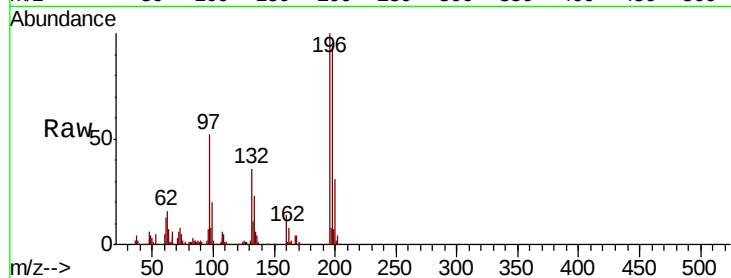




#43
 2,4,6-Trichlorophenol
 Concen: 49.791 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

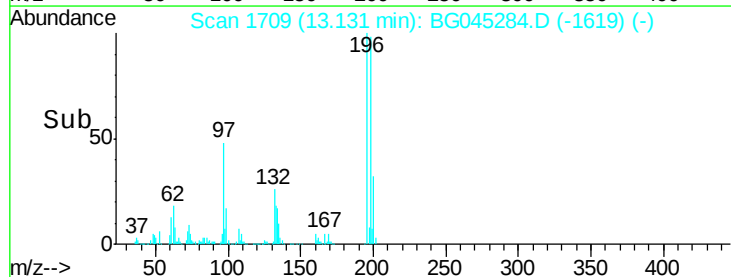
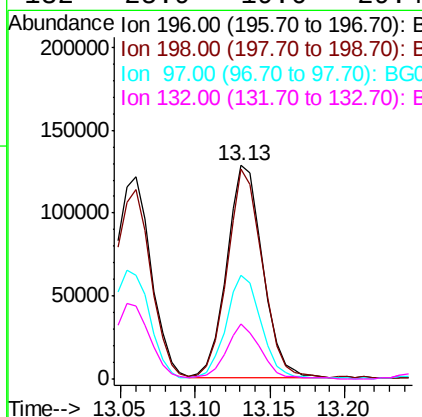
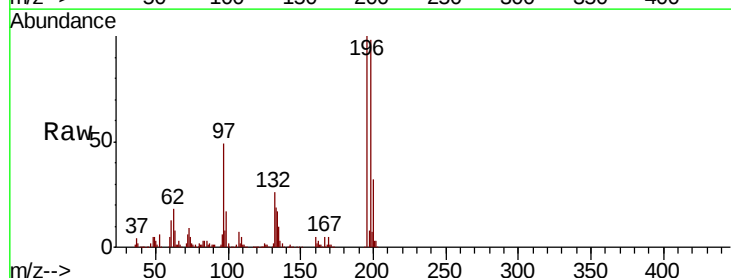
Instrument :
 BNA_G
 ClientSampleId :

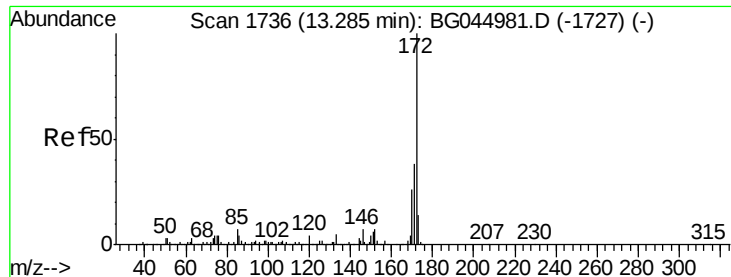
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	72.5	108.7
200	30.6	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 45.643 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	75.7	113.5
97	48.8	39.6	59.4
132	25.9	19.6	29.4

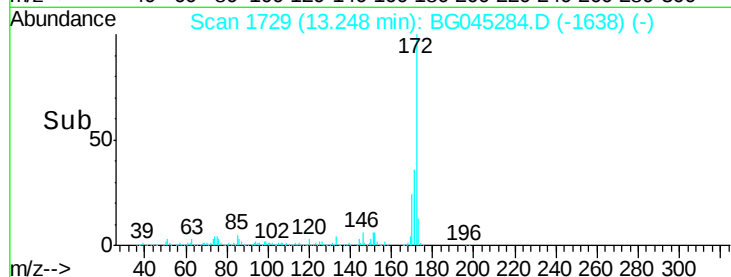
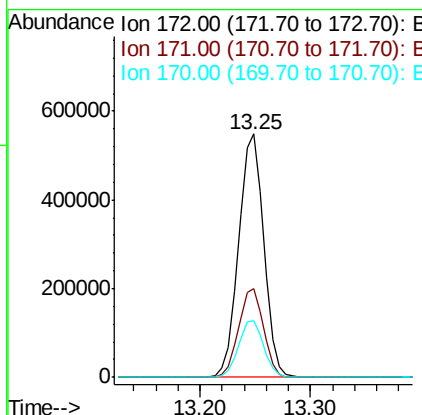
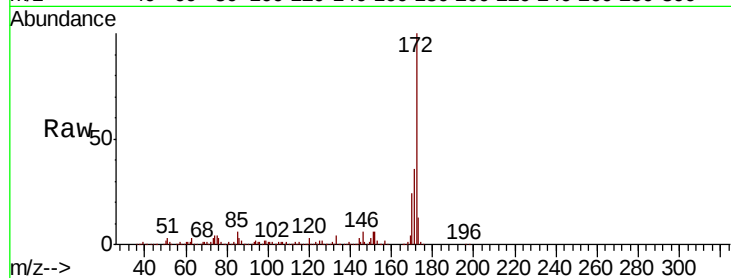




#45
2-Fluorobiphenyl
Concen: 70.423 ng
RT: 13.25 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

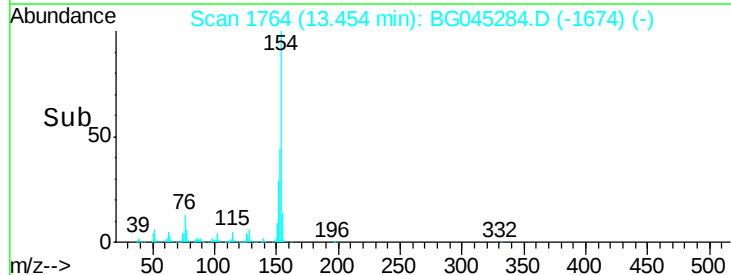
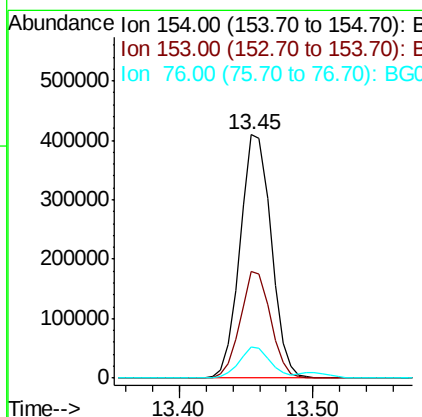
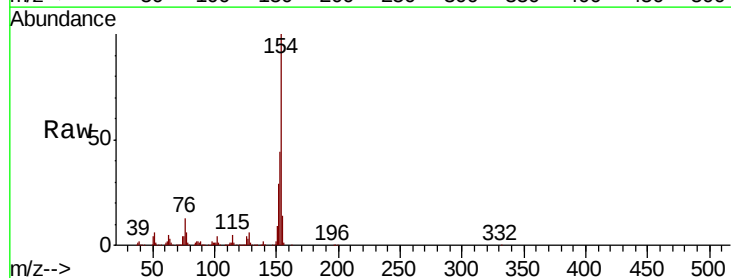
Instrument :
BNA_G
ClientSampleId :

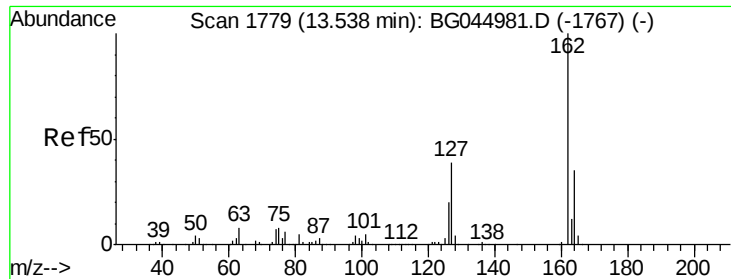
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	23.5	20.5	30.7



#46
1,1'-Biphenyl
Concen: 47.598 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.7	21.9	61.9
76	12.7	0.0	33.1

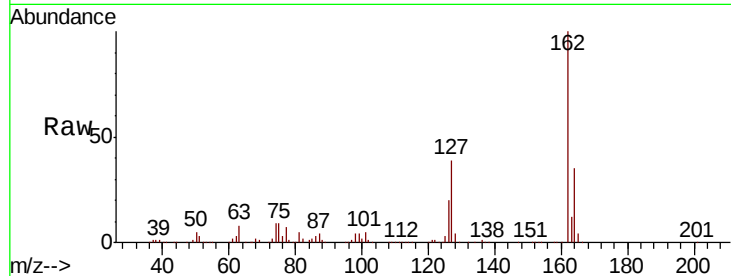




#47
2-Chloronaphthalene
Concen: 47.511 ng
RT: 13.50 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.3	46.9
164	34.5	27.8	41.8

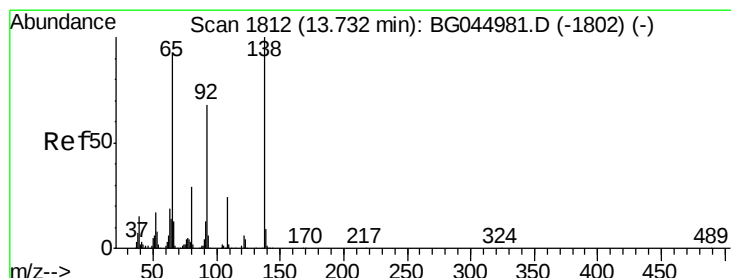
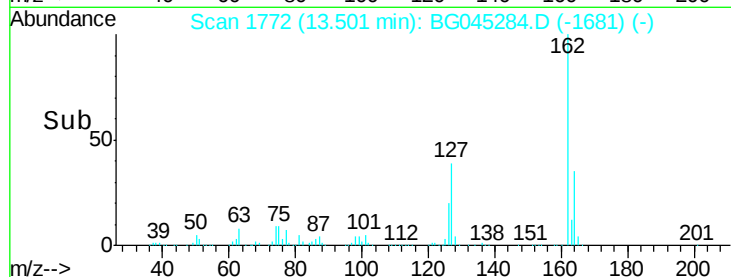
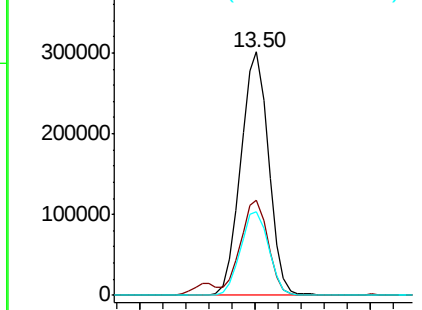


Abundance

Ion 162.00 (161.70 to 162.70): E

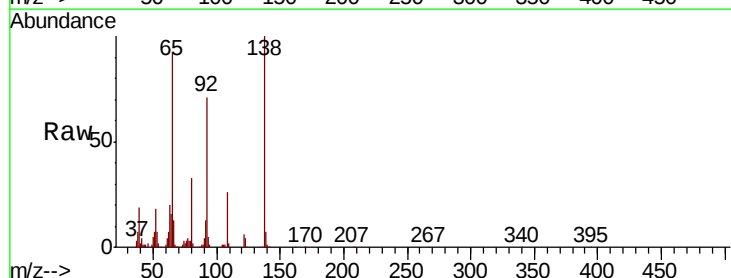
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 47.350 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.3	58.3	87.5
138	109.2	85.6	128.4

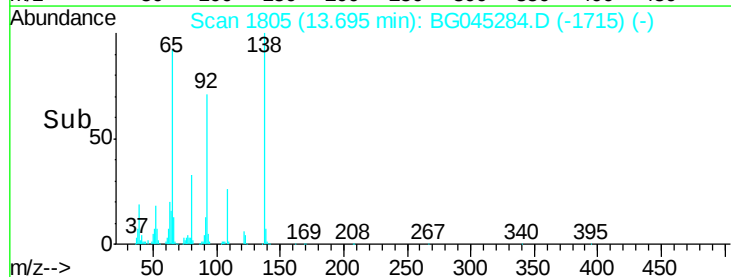
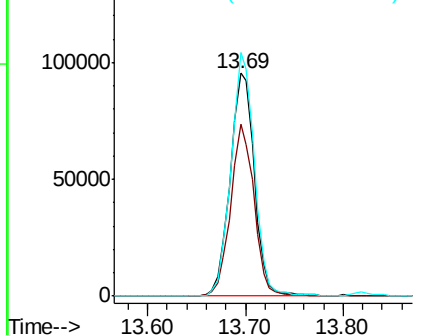


Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.160 ng

RT: 14.35 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

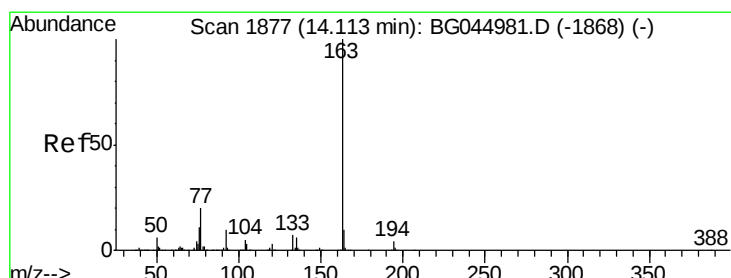
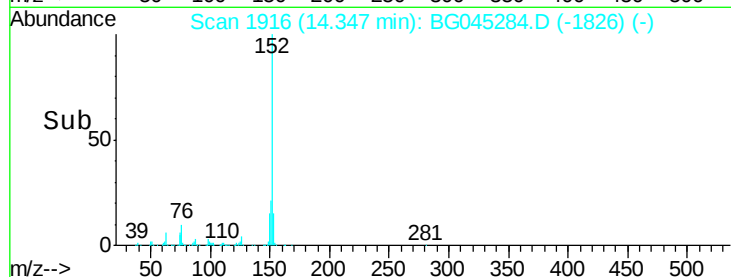
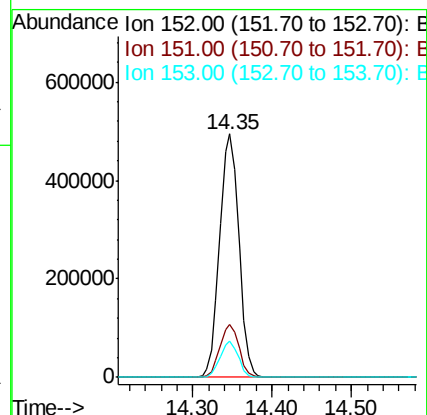
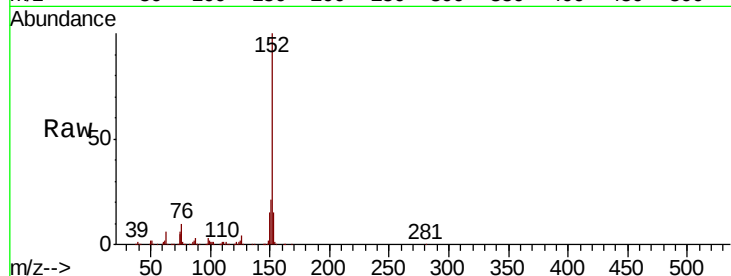
Tot Ion:152 Resp: 832173

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

153 15.0 11.0 16.4



#50

Dimethylphthalate

Concen: 52.929 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

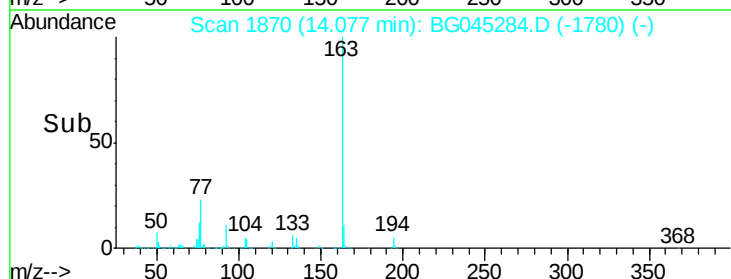
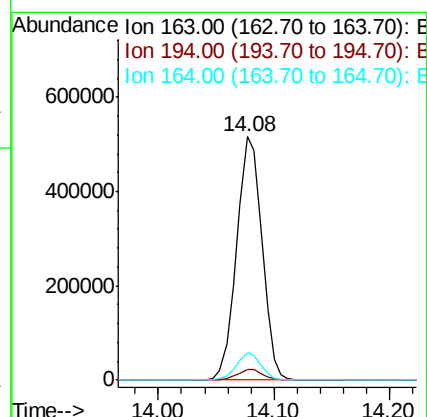
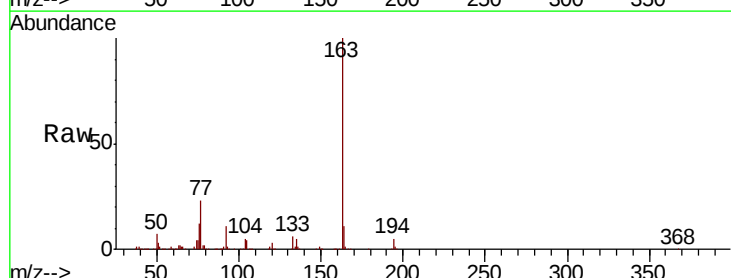
Tgt Ion:163 Resp: 787210

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 11.4 8.2 12.4

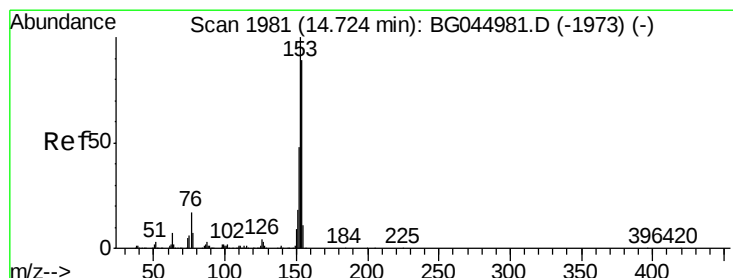
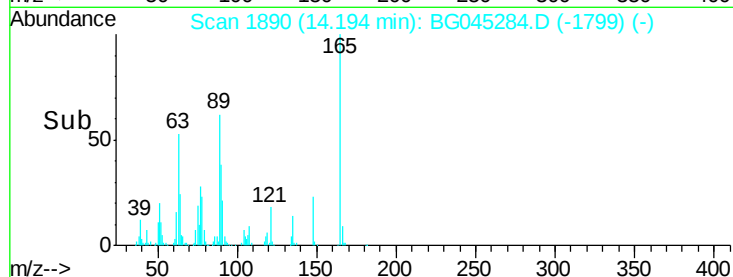
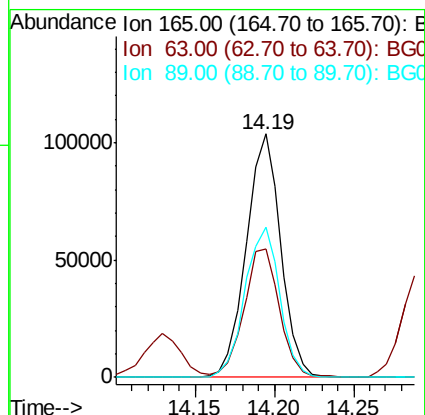
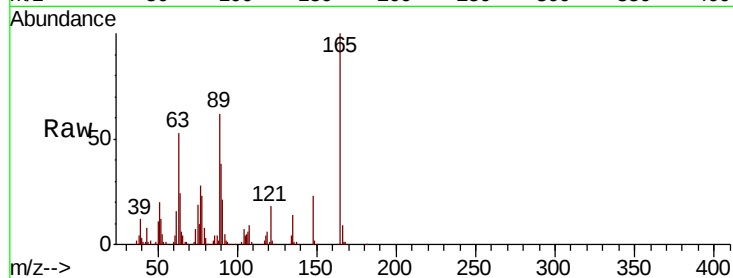




#51
 2,6-Dinitrotoluene
 Concen: 47.040 ng
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

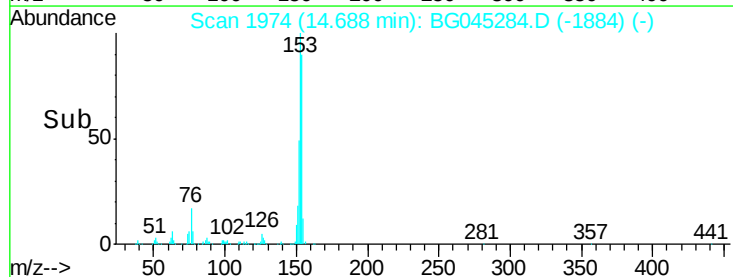
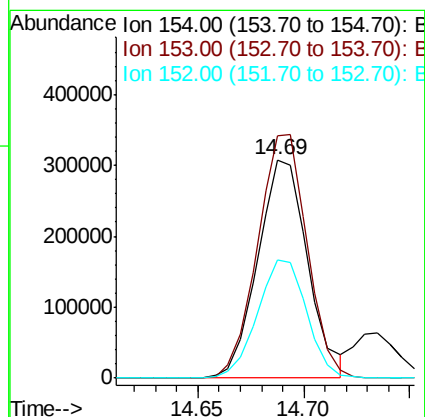
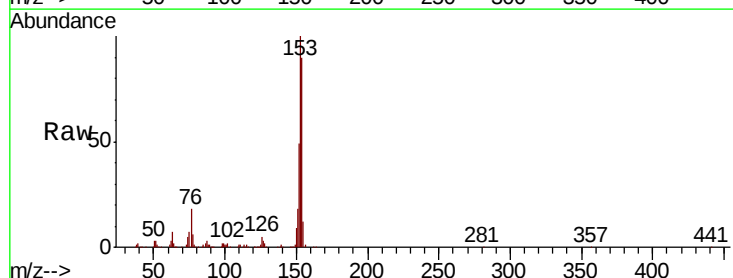
Instrument :
 BNA_G
 ClientSampleId :

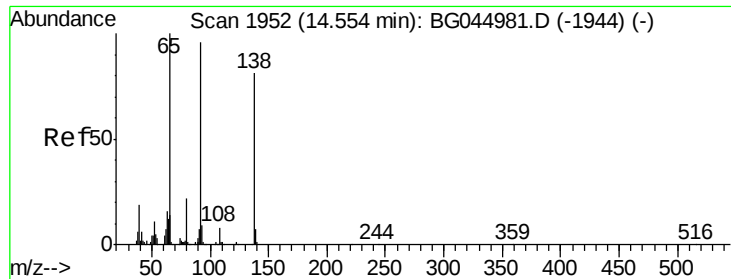
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.0	40.4	60.6
89	61.6	49.1	73.7



#52
 Acenaphthene
 Concen: 43.168 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.7	134.5
152	53.9	43.1	64.7

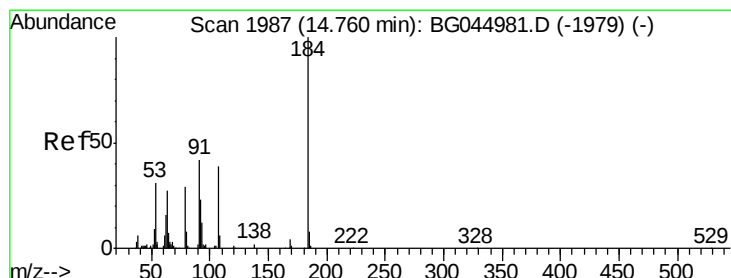
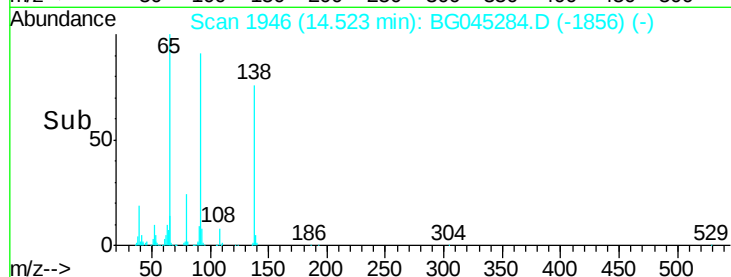
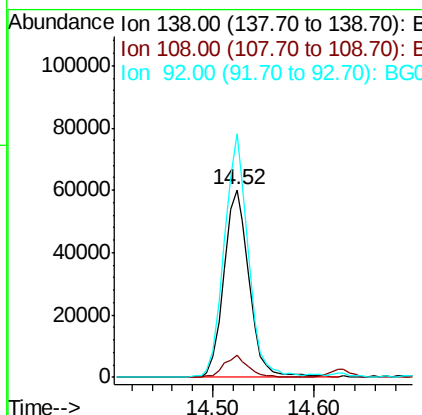
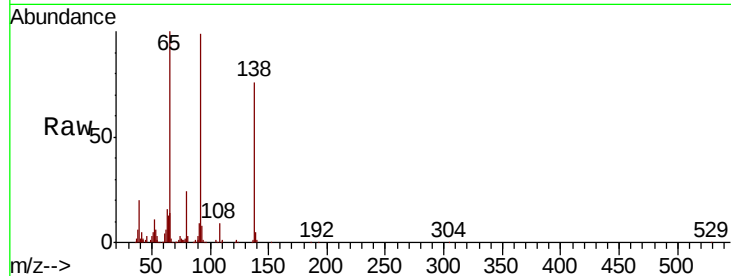




#53
3-Nitroaniline
Concen: 28.374 ng
RT: 14.52 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

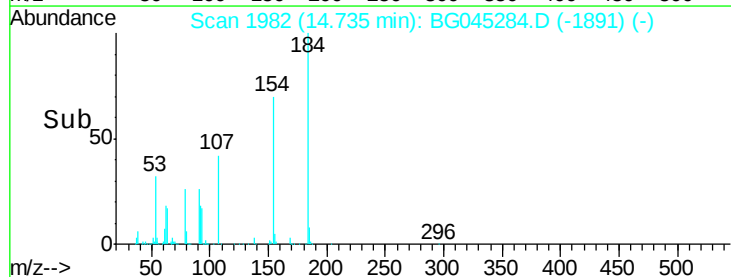
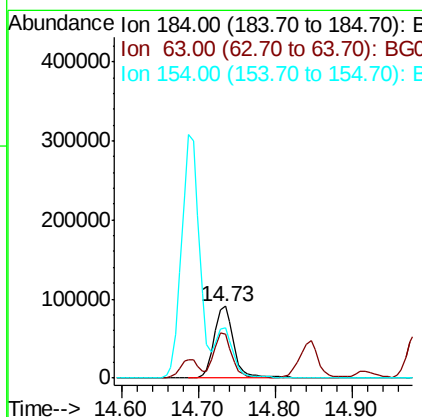
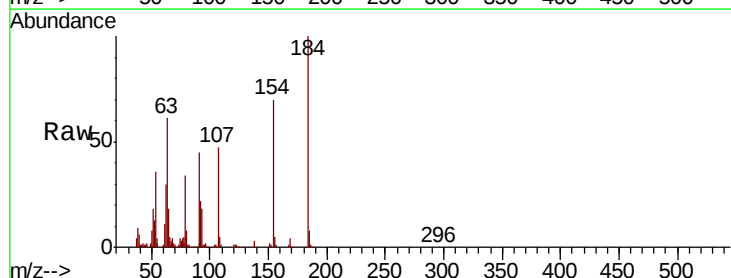
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 103522
Ion Ratio Lower Upper
138 100
108 11.6 7.8 11.8
92 129.9 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 80.829 ng
RT: 14.73 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:184 Resp: 159889
Ion Ratio Lower Upper
184 100
63 60.9 41.5 62.3
154 70.0 52.3 78.5

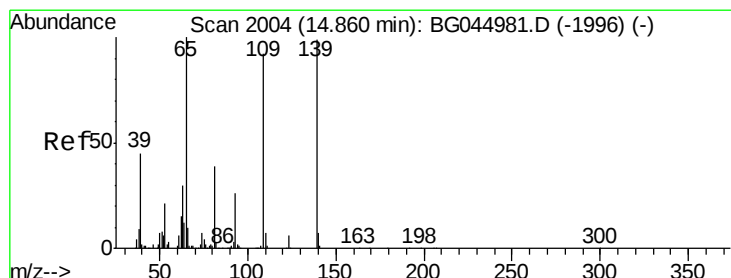
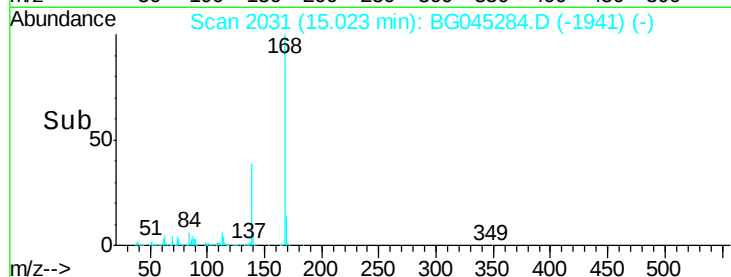
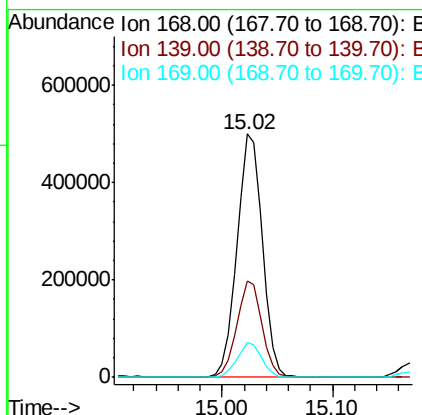
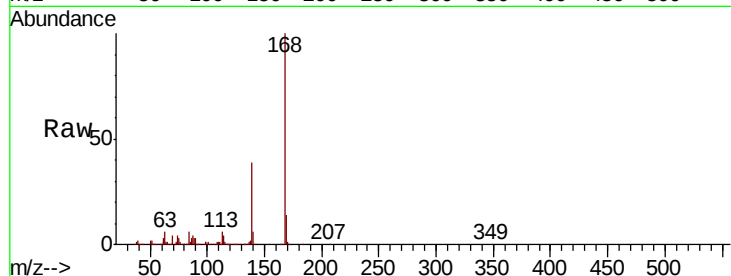




#55
Dibenzenofuran
Concen: 47.438 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

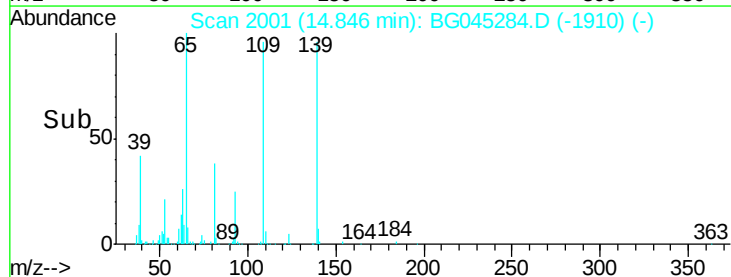
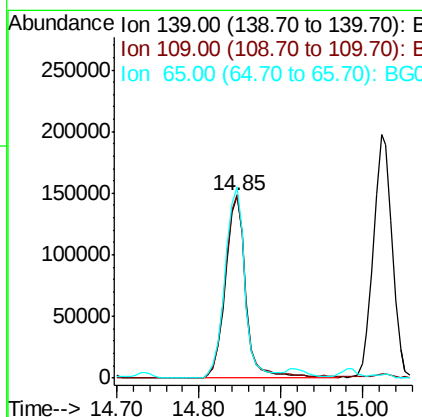
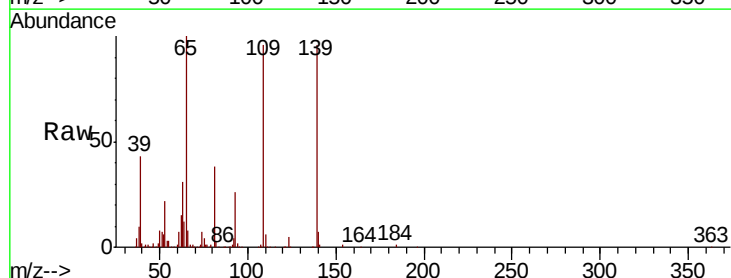
Instrument :
BNA_G
ClientSampleId :

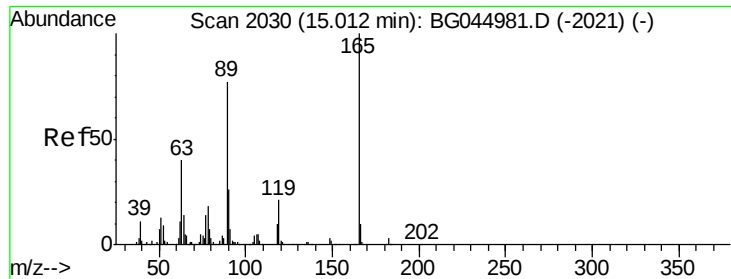
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.4	45.6
169	14.2	11.0	16.4



#56
4-Nitrophenol
Concen: 90.695 ng
RT: 14.85 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	73.6	113.6
65	104.5	81.2	121.2

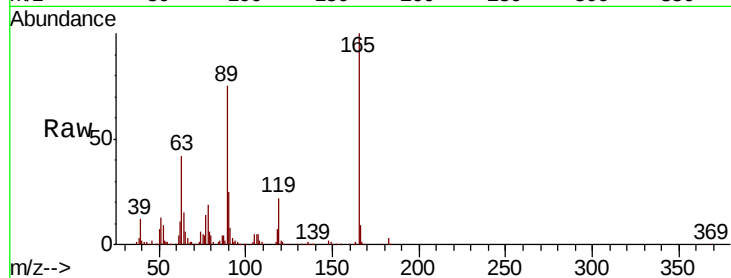




#57
 2,4-Dinitrotoluene
 Concen: 45.291 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.8	32.2	48.2
89	75.3	61.7	92.5
182	2.7	2.0	3.0



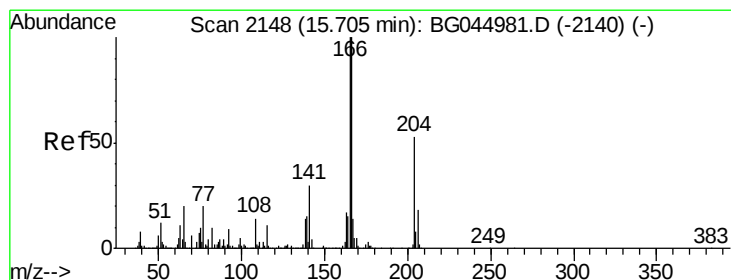
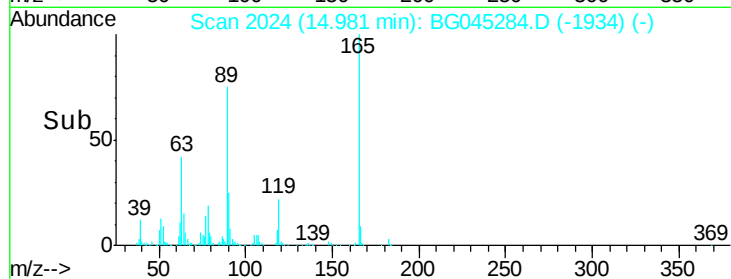
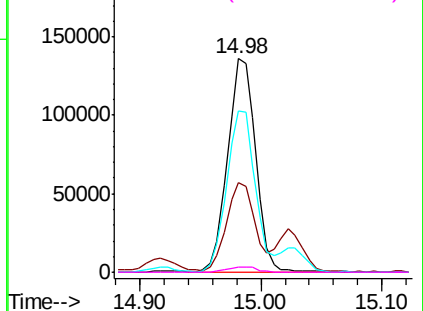
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

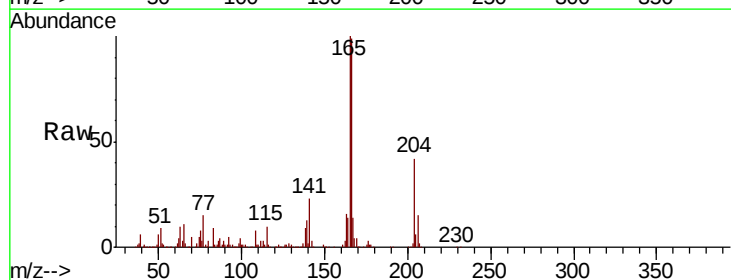
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 47.667 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.9	119.9
167	13.9	11.4	17.0

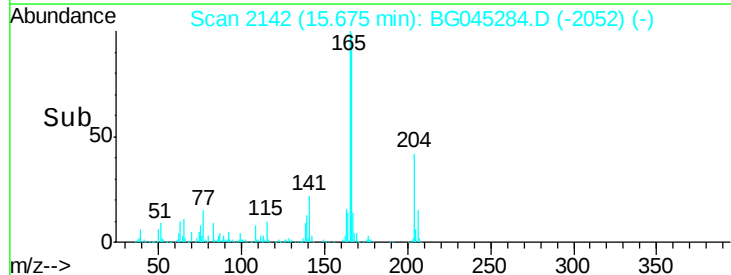
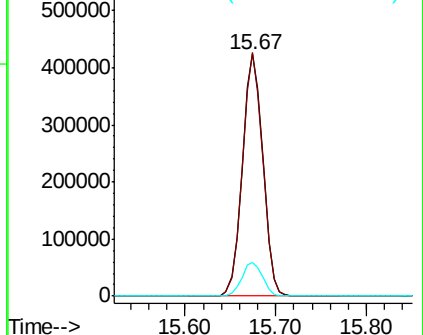


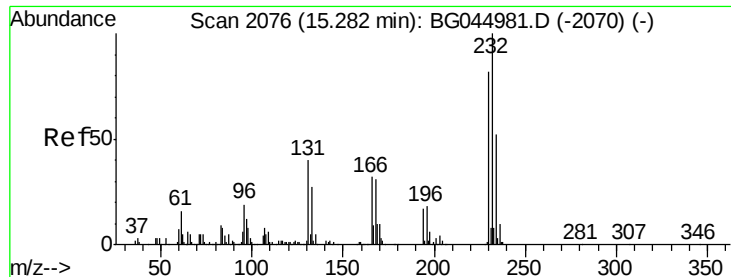
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

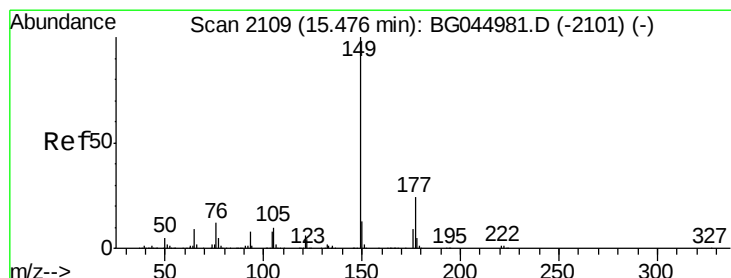
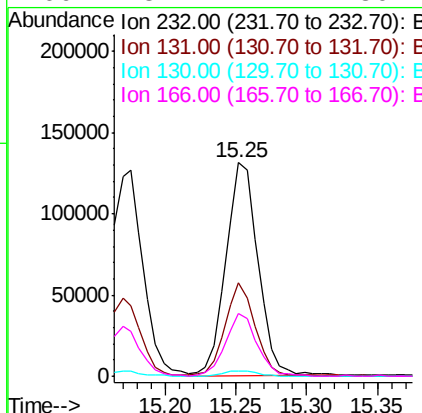
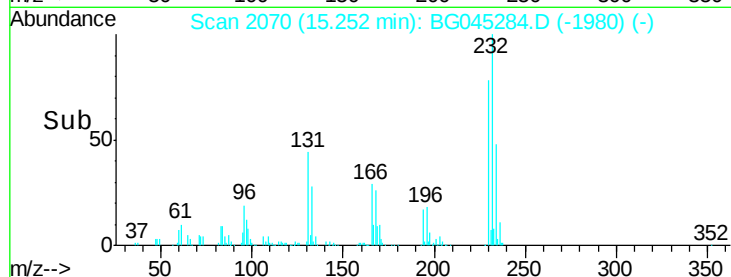
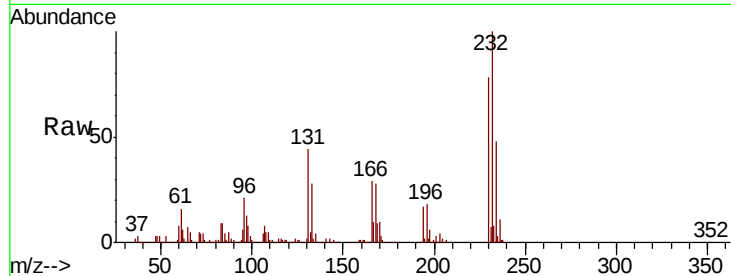




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.452 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

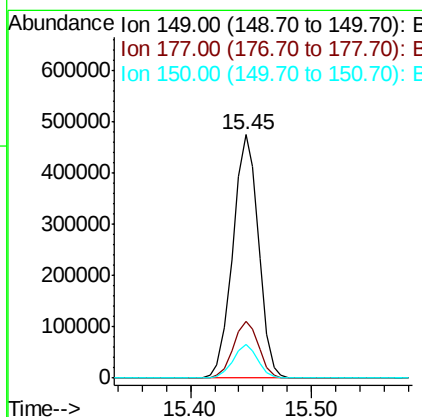
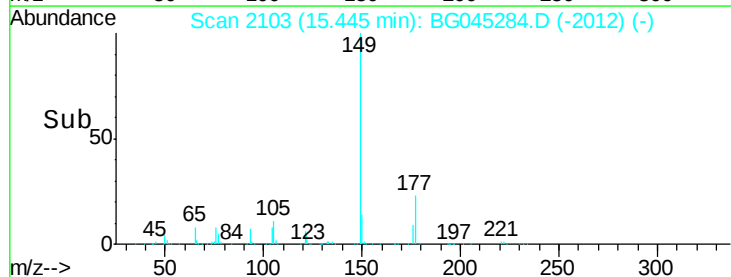
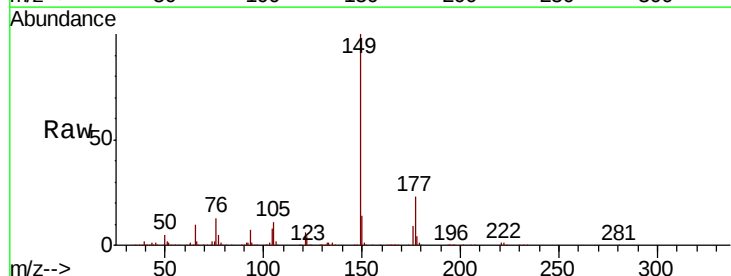
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	207886
Ion Ratio	Lower	Upper
232	100	
131	41.3	32.2 48.2
130	2.7	2.2 3.2
166	28.7	24.2 36.4



#60
 Diethylphthalate
 Concen: 45.196 ng
 RT: 15.45 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:149	Resp:	700824
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.9 28.3
150	14.0	10.6 15.8

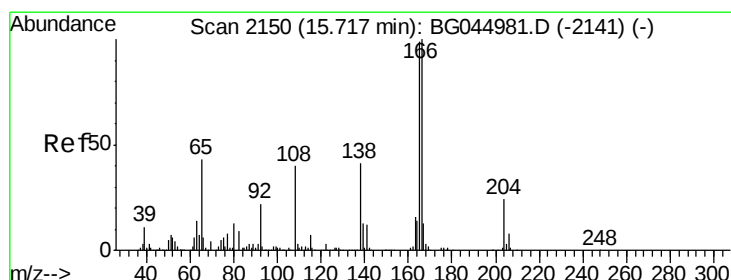
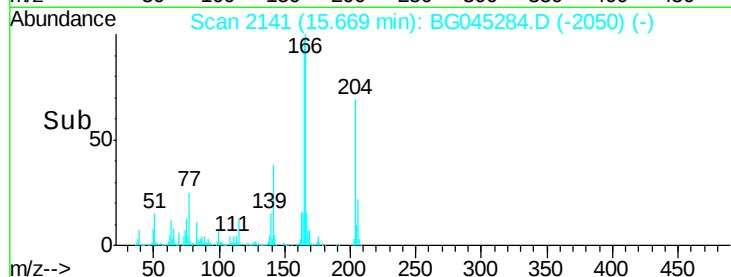
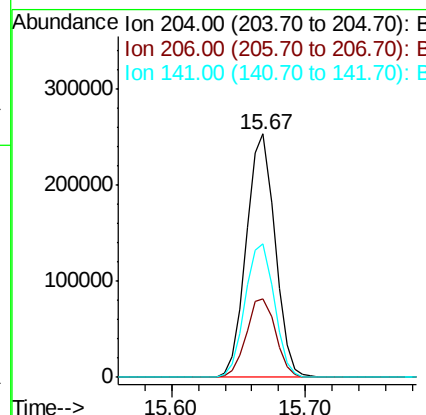
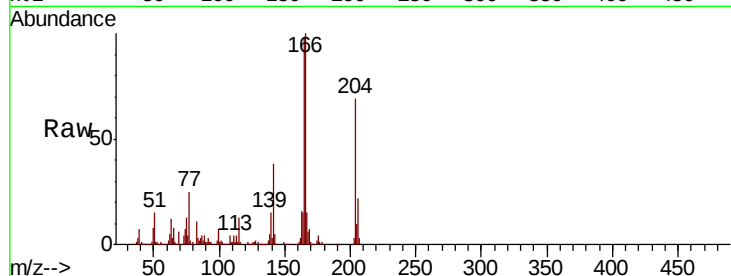




#61
 4-Chlorophenyl-phenylether
 Concen: 46.680 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

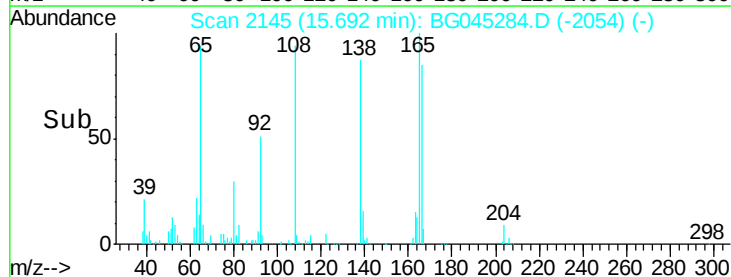
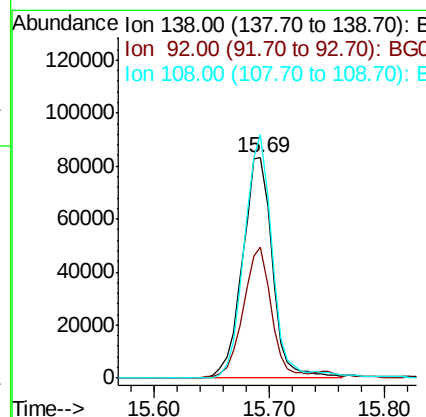
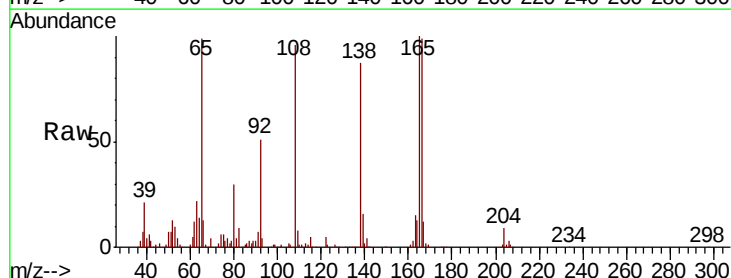
Instrument :
 BNA_G
 ClientSampled :

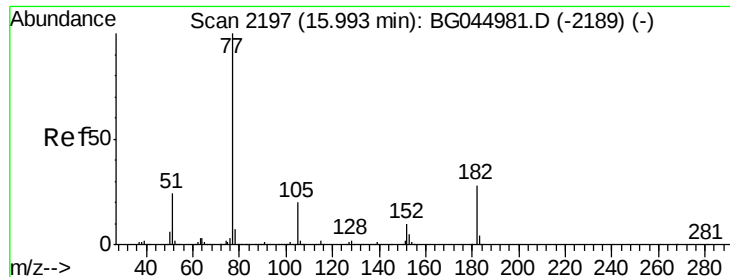
Tot Ion:204 Resp: 374074
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.9 40.3
 141 54.8 46.3 69.5



#62
 4-Nitroaniline
 Concen: 39.703 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:138 Resp: 150245
 Ion Ratio Lower Upper
 138 100
 92 59.4 33.6 73.6
 108 110.7 78.2 118.2





#63

Azobenzene

Concen: 47.647 ng

RT: 15.96 min Scan# 2191

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 681180

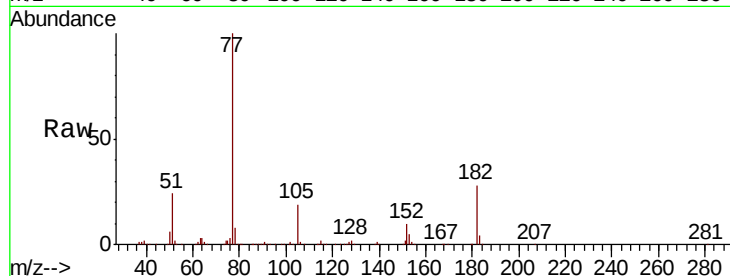
Ion Ratio Lower Upper

77 100

182 27.8 8.4 48.4

105 19.2 0.5 40.5

51 24.3 4.4 44.4

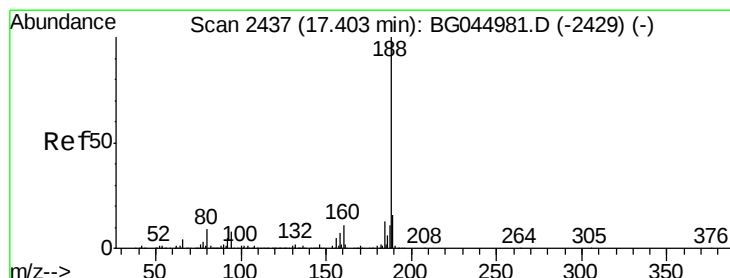
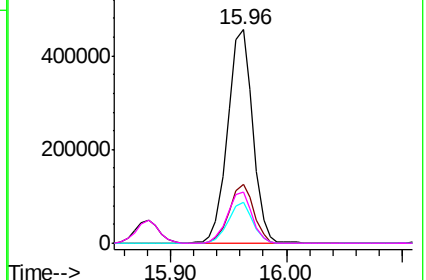
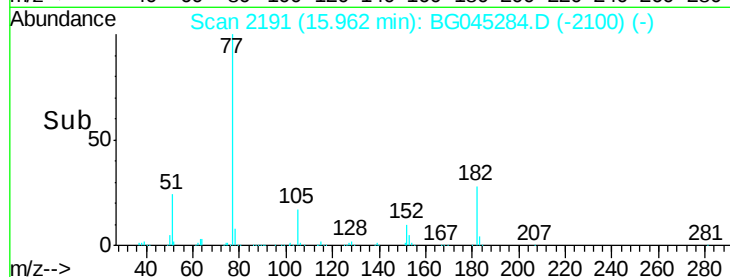


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

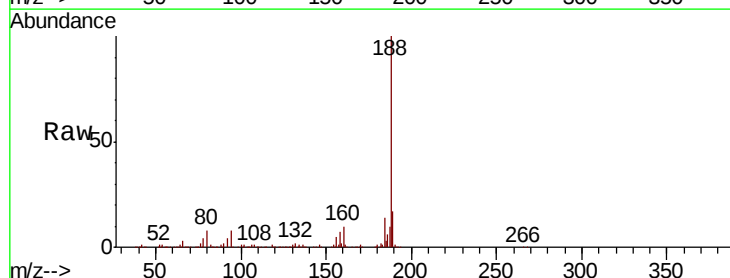
Tgt Ion: 188 Resp: 417358

Ion Ratio Lower Upper

188 100

94 7.7 6.2 9.4

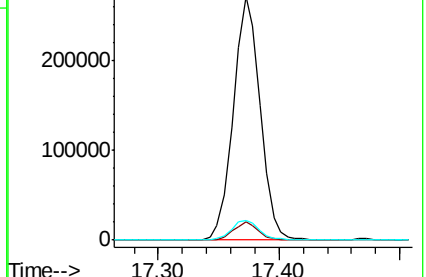
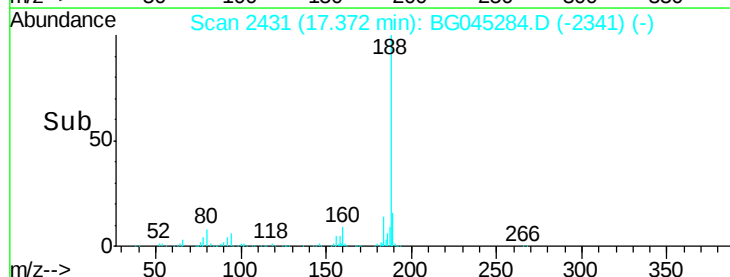
80 8.3 7.0 10.6

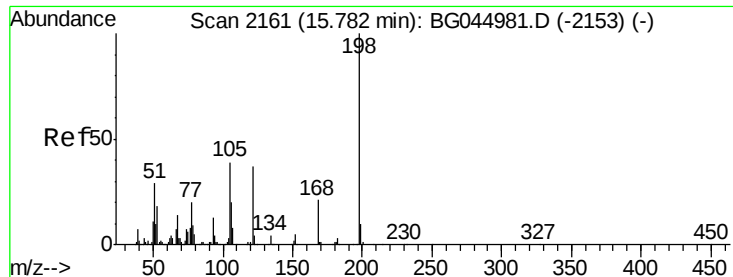


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

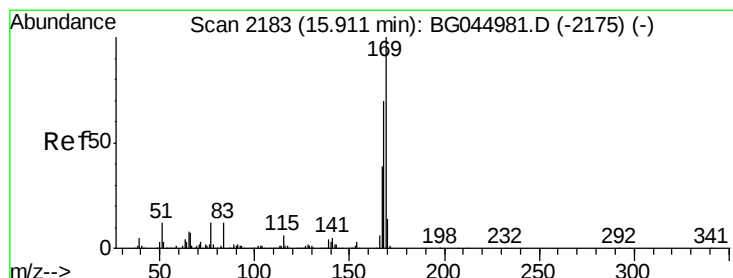
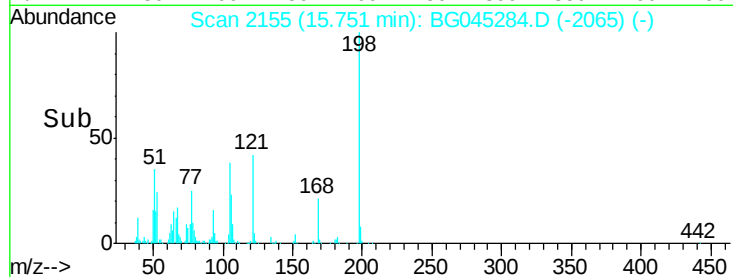
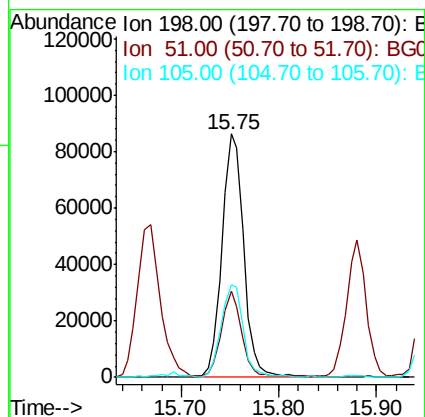
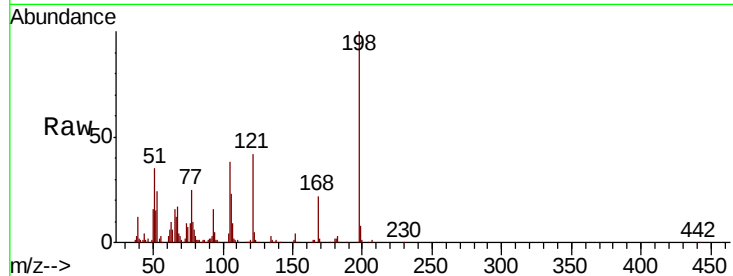




#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.800 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

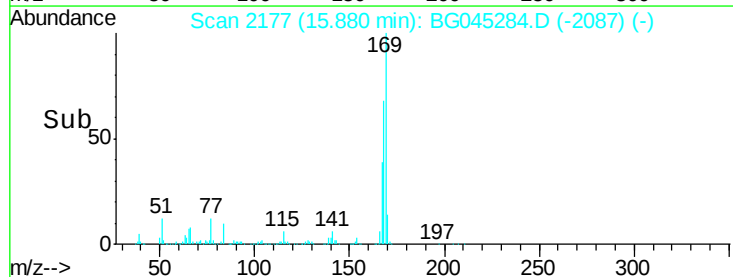
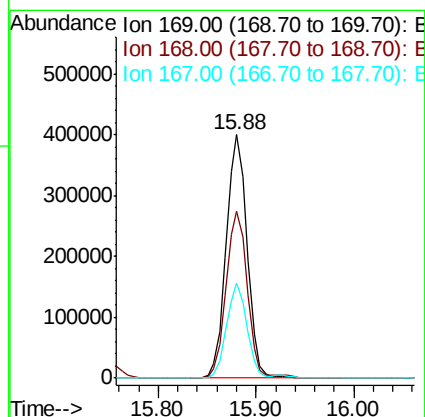
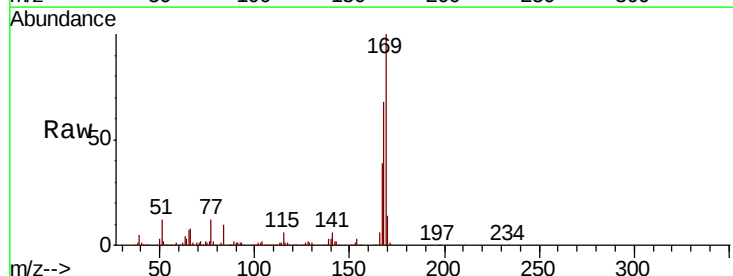
Instrument :
 BNA_G
 ClientSampleId :

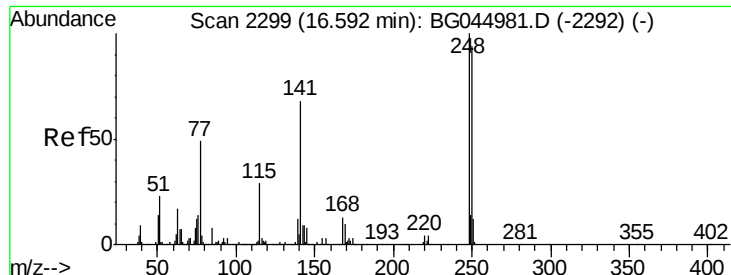
Tot Ion:198 Resp: 133874
 Ion Ratio Lower Upper
 198 100
 51 35.3 10.0 50.0
 105 37.9 18.9 58.9



#66
 n-Nitrosodiphenylamine
 Concen: 49.452 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:169 Resp: 593001
 Ion Ratio Lower Upper
 169 100
 168 68.3 55.8 83.8
 167 39.0 30.8 46.2

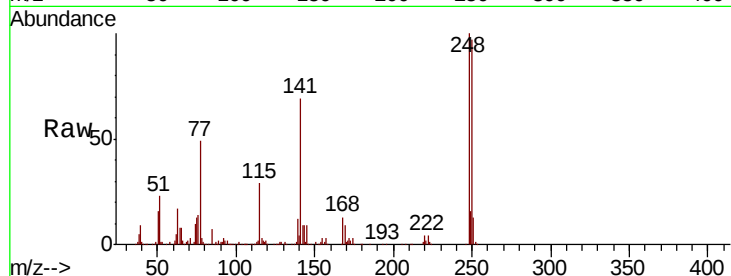




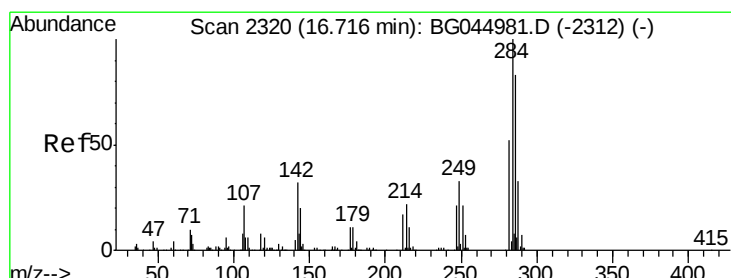
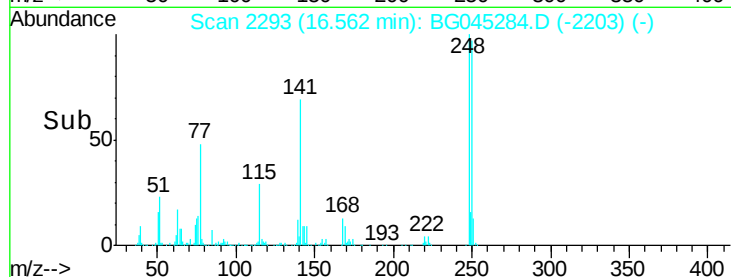
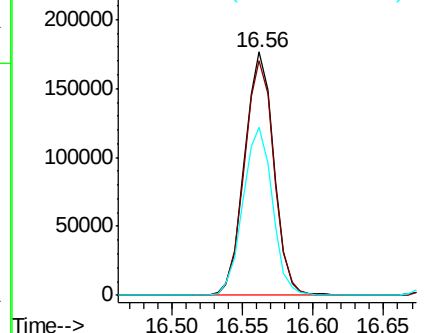
#67
4-Bromophenyl-phenylether
Concen: 47.776 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 257238
Ion Ratio Lower Upper
248 100
250 96.6 75.4 113.2
141 69.0 54.4 81.6

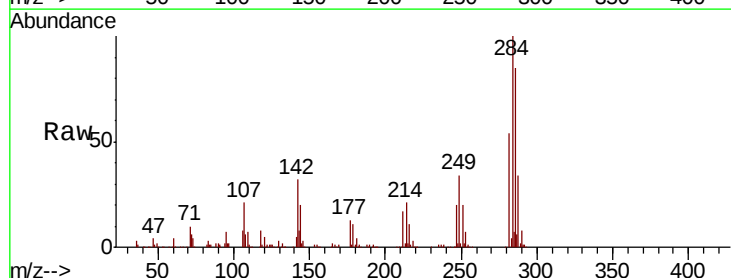


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

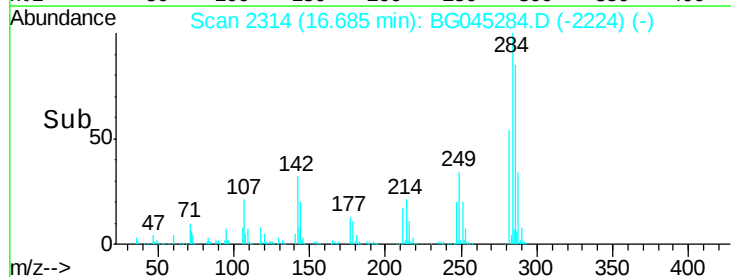
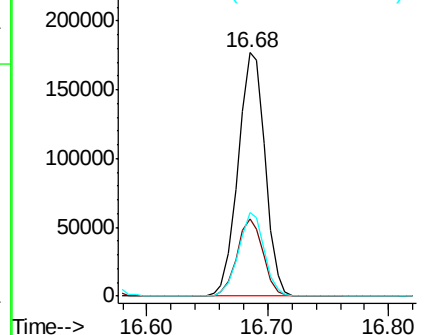


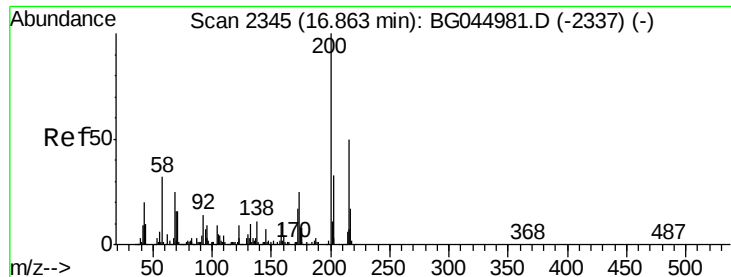
#68
Hexachlorobenzene
Concen: 49.321 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:284 Resp: 275415
Ion Ratio Lower Upper
284 100
142 31.9 25.8 38.6
249 34.1 26.6 39.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 51.323 ng

RT: 16.83 min Scan# 2339

Delta R.T. 0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

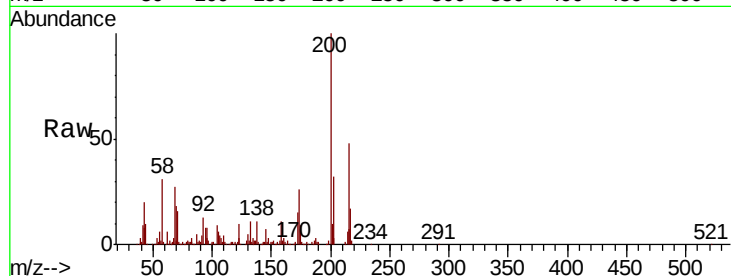
Tot Ion:200 Resp: 221537

Ion Ratio Lower Upper

200 100

173 25.7 4.5 44.5

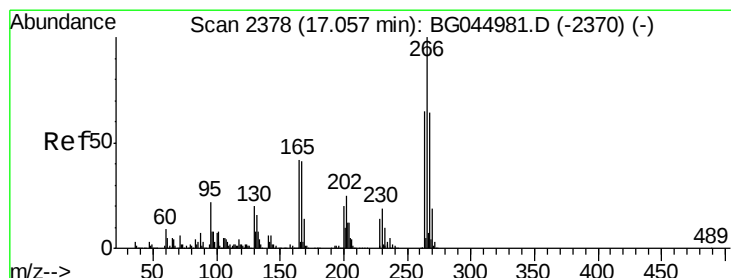
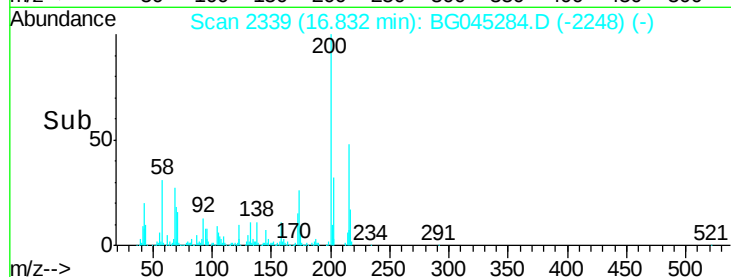
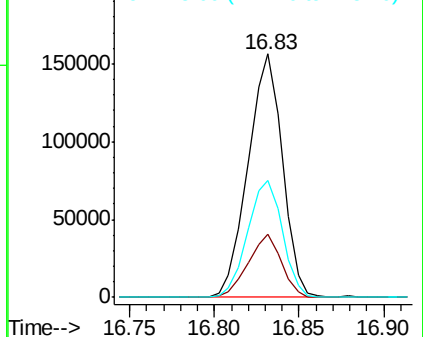
215 48.0 30.0 70.0



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: 92.352 ng

RT: 17.03 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

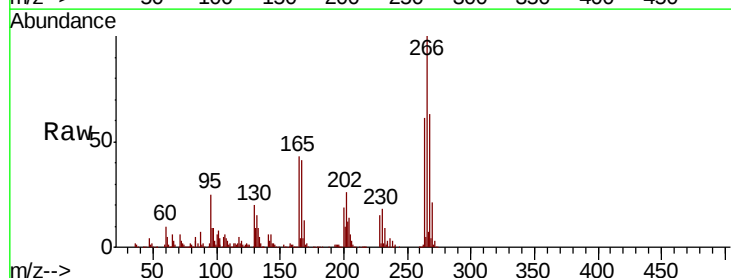
Tgt Ion:266 Resp: 316364

Ion Ratio Lower Upper

266 100

268 62.6 51.5 77.3

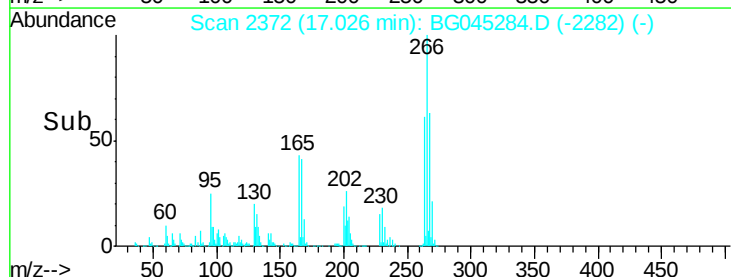
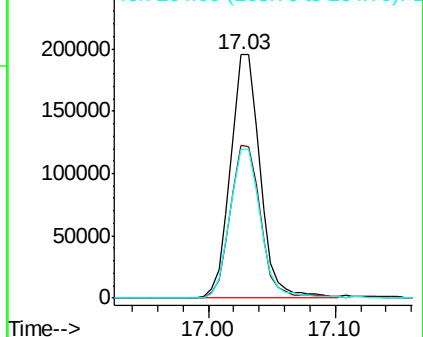
264 61.4 52.2 78.4



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

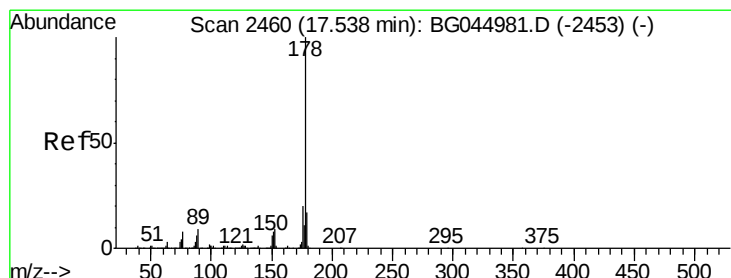
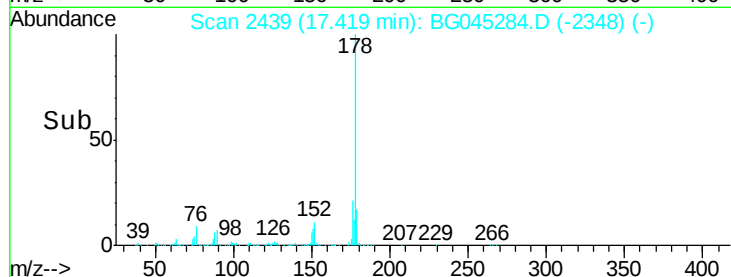
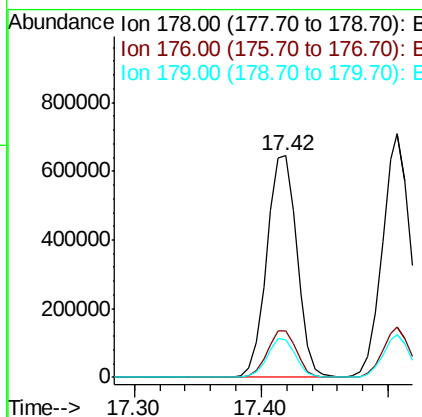
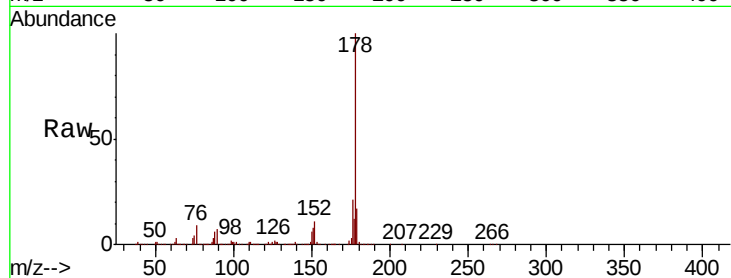




#71
Phenanthrene
Concen: 49.590 ng
RT: 17.42 min Scan# 2439
Delta R.T. 0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

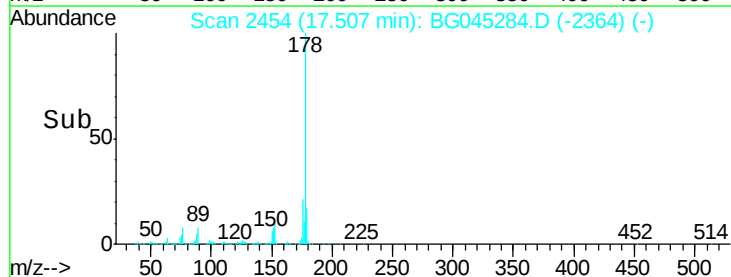
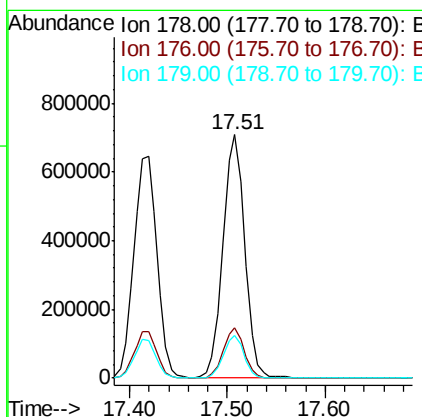
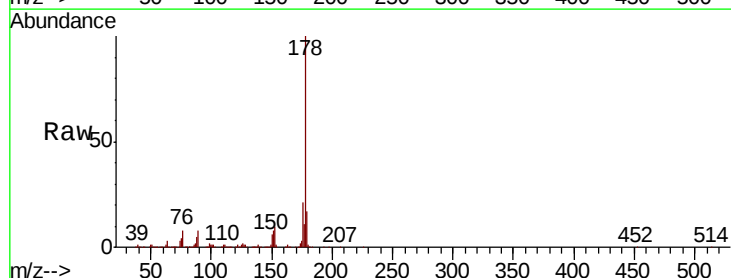
Instrument :
BNA_G
ClientSampled :

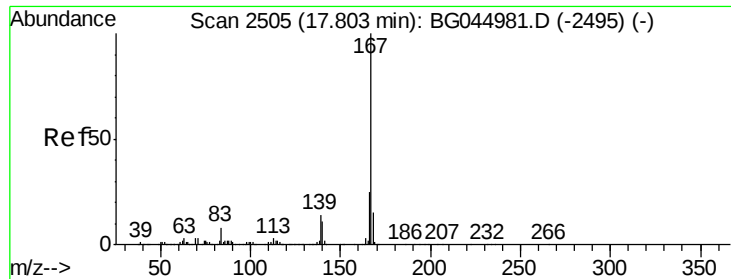
Tot Ion:178 Resp: 1063558
Ion Ratio Lower Upper
178 100
176 21.1 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 50.897 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:178 Resp: 1094973
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.4 13.6 20.4

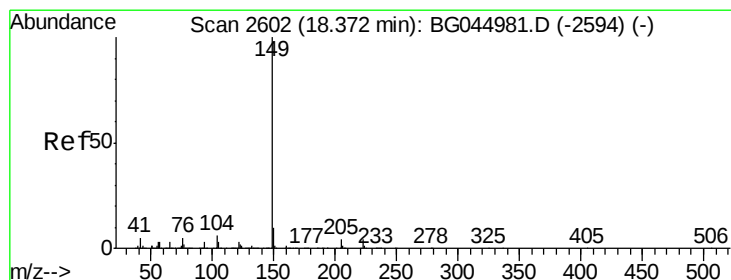
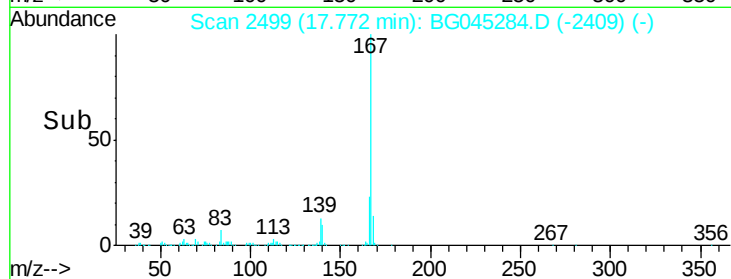
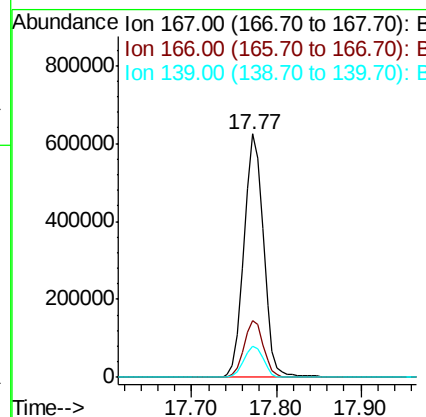
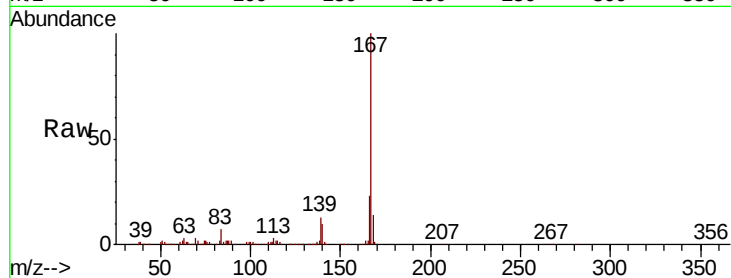




#73
 Carbazole
 Concen: 45.466 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

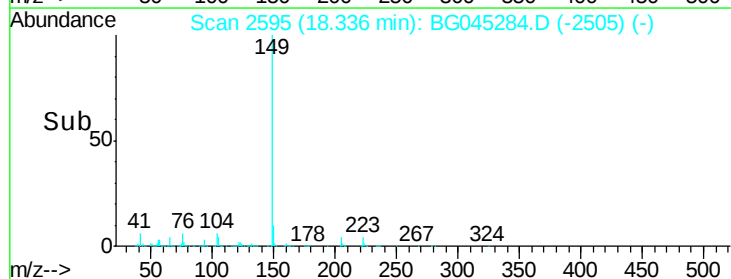
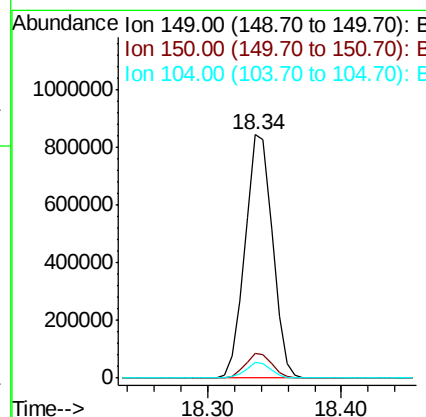
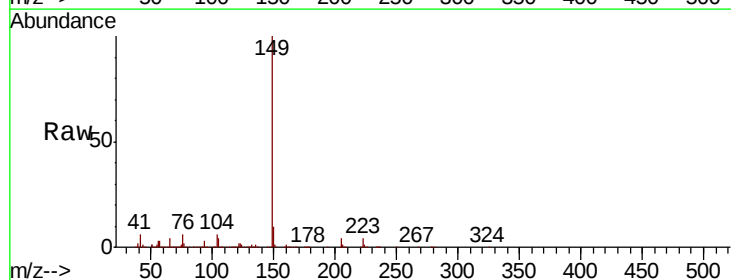
Instrument :
 BNA_G
 ClientSampleId :

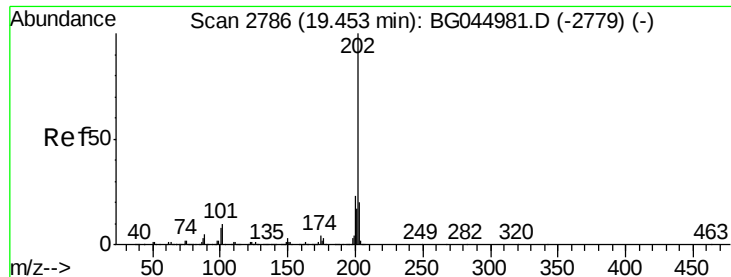
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	19.8	29.6
139	12.8	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 50.854 ng
 RT: 18.34 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.2	12.2
104	6.5	4.8	7.2

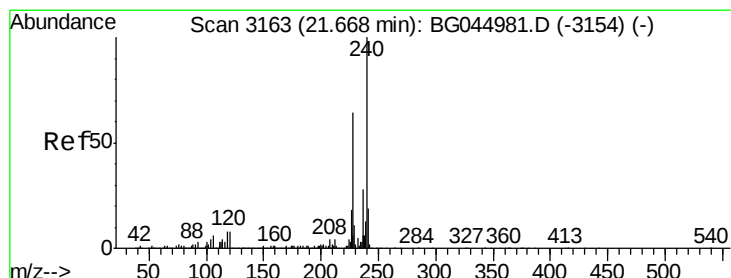
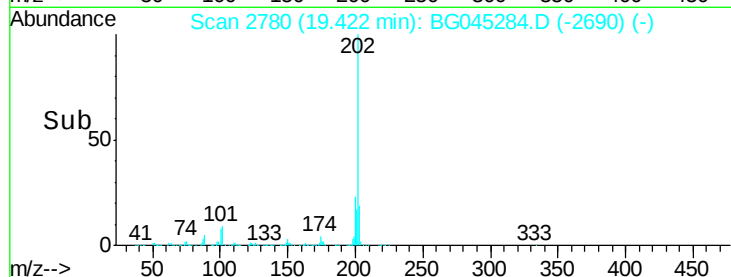
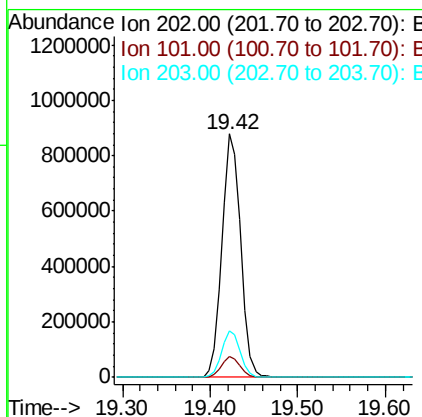
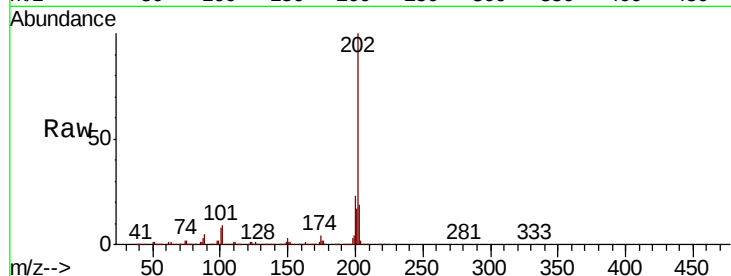




#75
 Fluoranthene
 Concen: 52.653 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

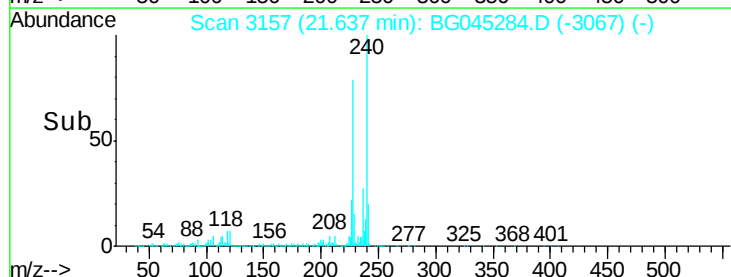
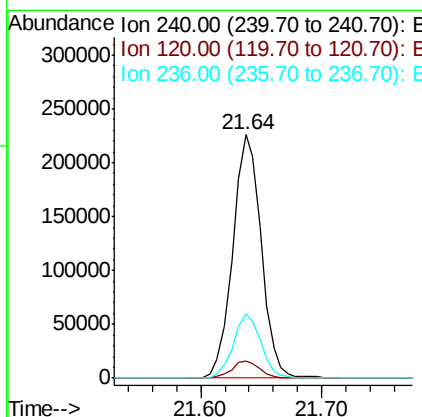
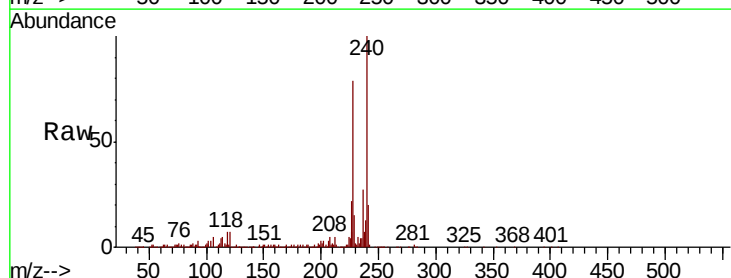
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:202 Resp: 1300837
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 29.6
 203 18.8 0.0 39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: BG045284.D
 Acq: 8 May 2020 00:39

Tgt Ion:240 Resp: 371182
 Ion Ratio Lower Upper
 240 100
 120 7.0 6.6 10.0
 236 26.7 22.2 33.2





#77

Benzidine

Concen: 68.249 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampled :

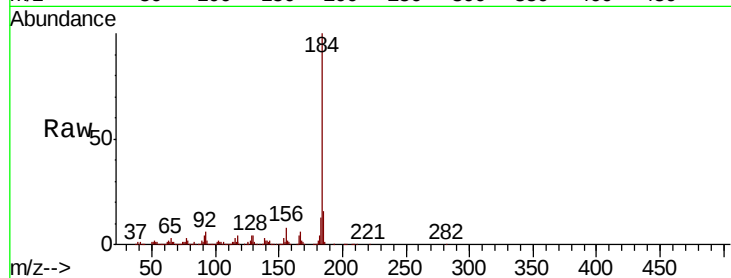
Tot Ion:184 Resp: 700660

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

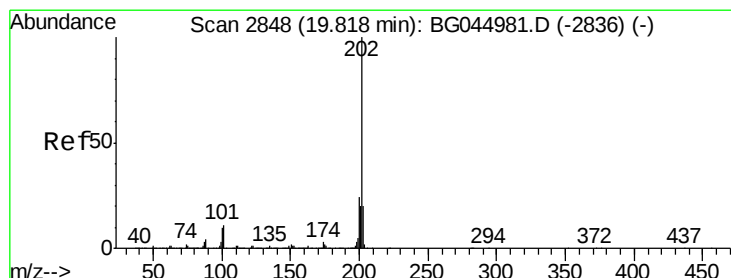
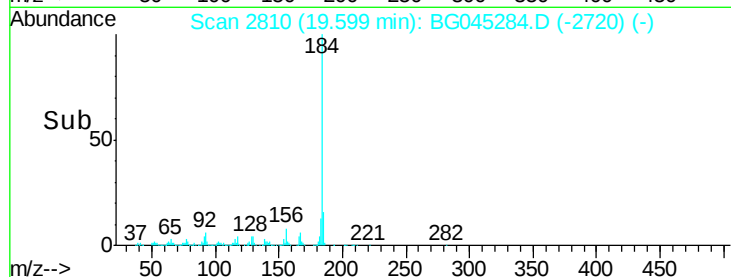
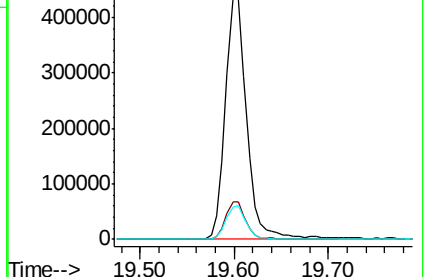
183 13.3 11.3 16.9



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: 50.008 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

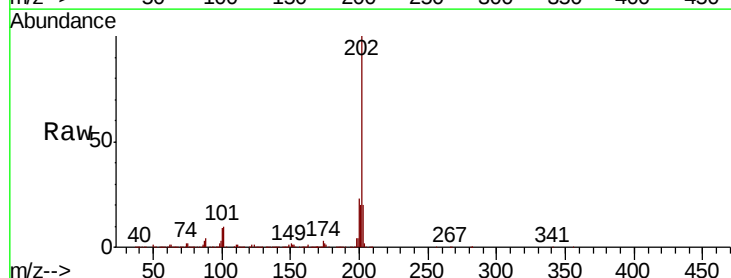
Tgt Ion:202 Resp: 1279675

Ion Ratio Lower Upper

202 100

200 23.1 19.0 28.6

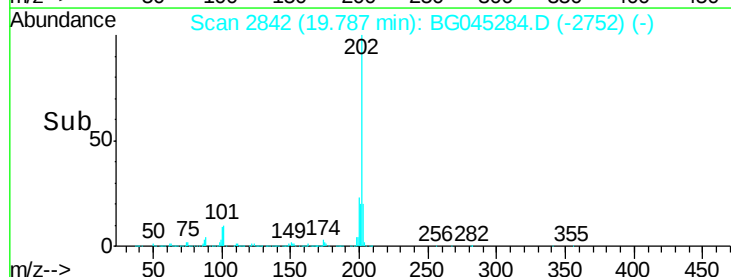
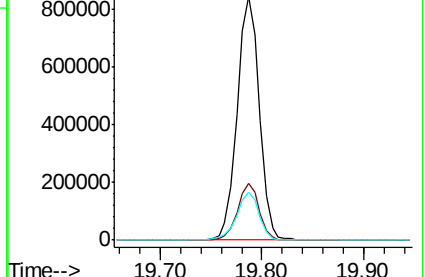
203 19.6 16.1 24.1

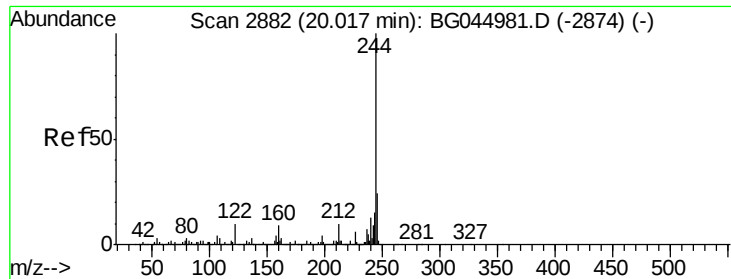


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.947 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

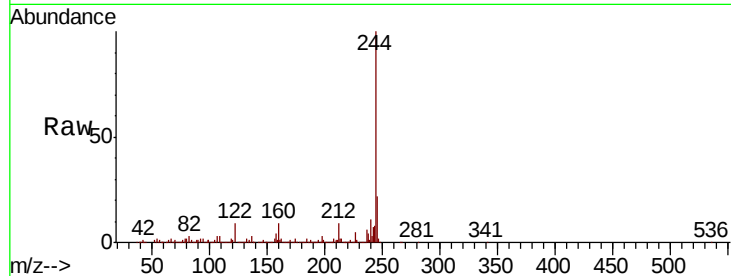
Tot Ion:244 Resp: 1412592

Ion Ratio Lower Upper

244 100

212 9.4 7.9 11.9

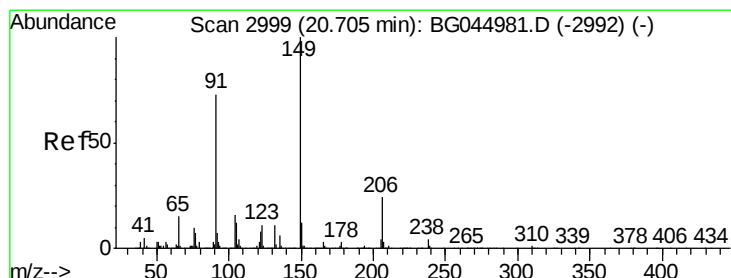
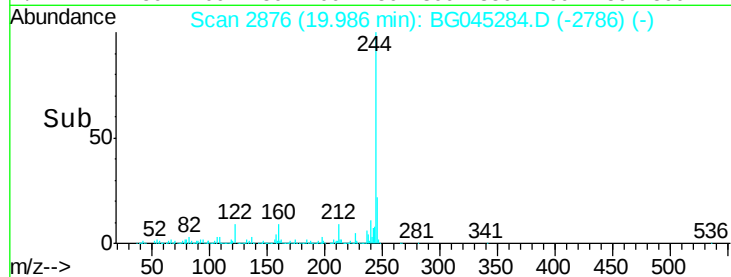
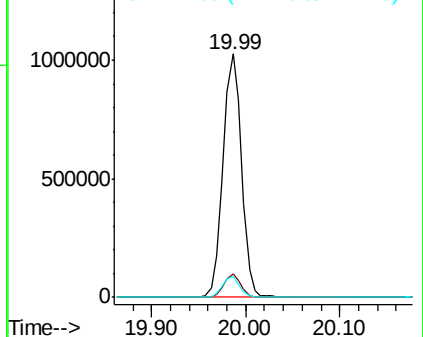
122 8.8 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.779 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

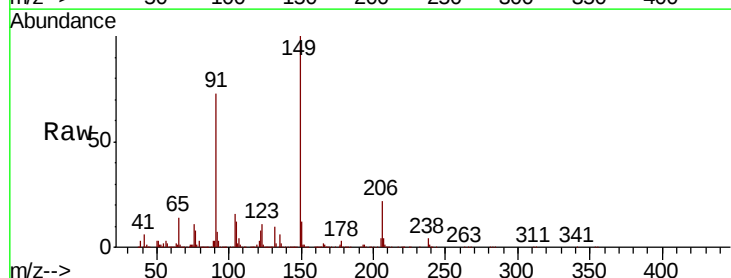
Tgt Ion:149 Resp: 517408

Ion Ratio Lower Upper

149 100

91 73.4 58.5 87.7

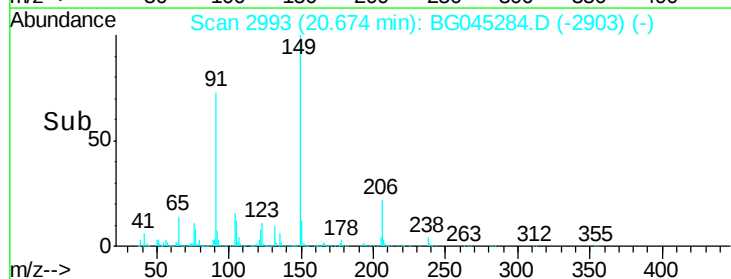
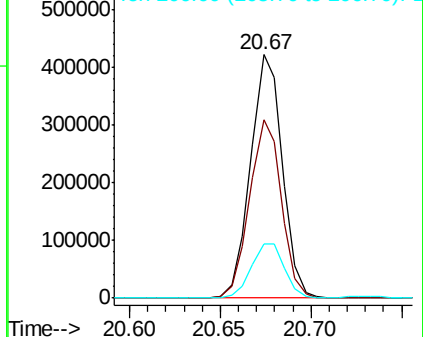
206 22.4 19.2 28.8

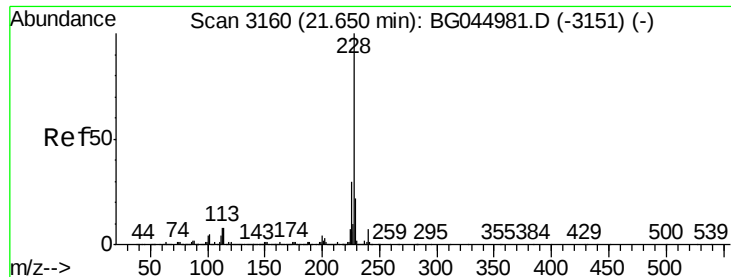


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

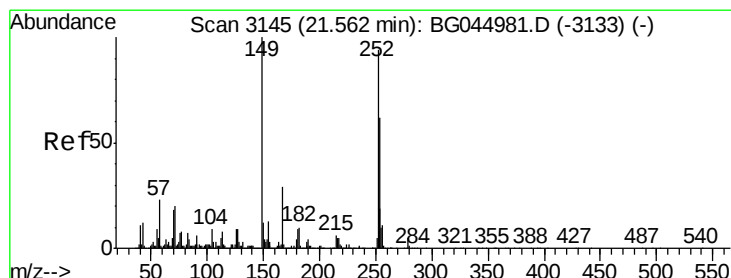
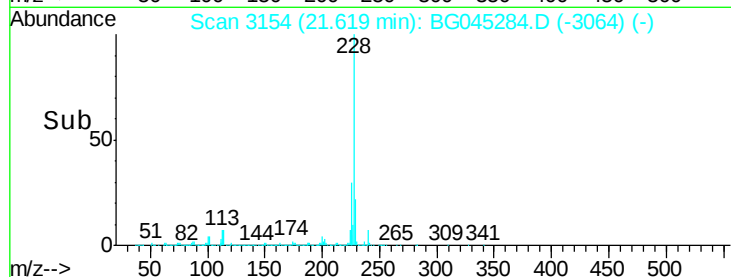
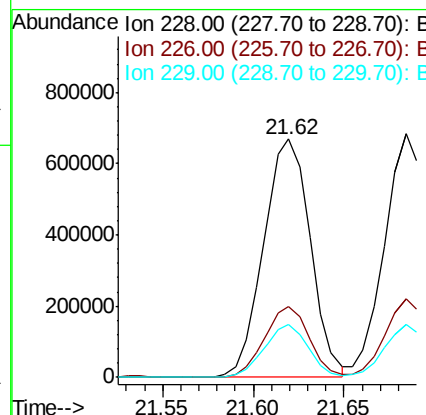
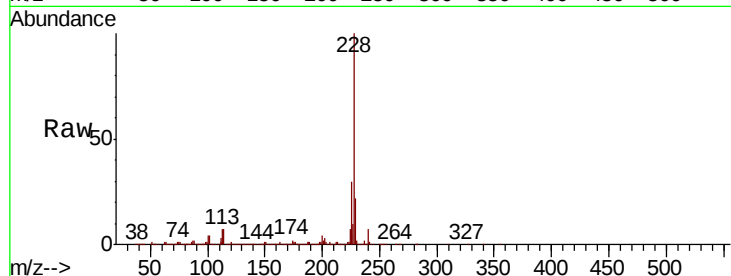




#81
Benzo(a)anthracene
Concen: 49.819 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

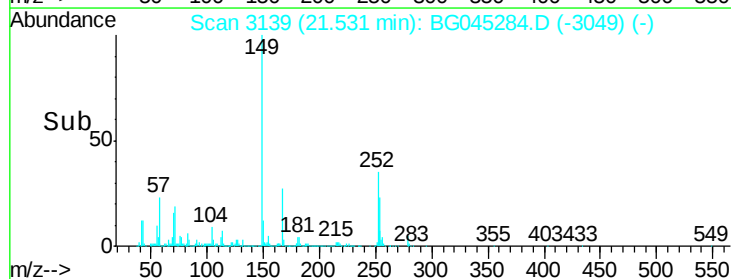
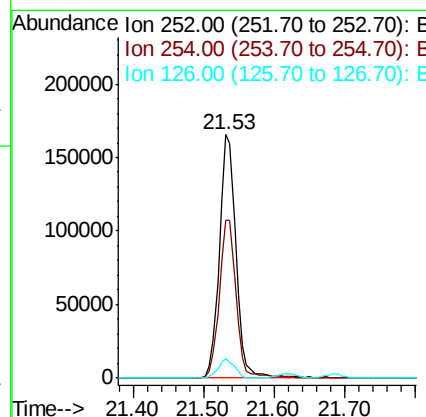
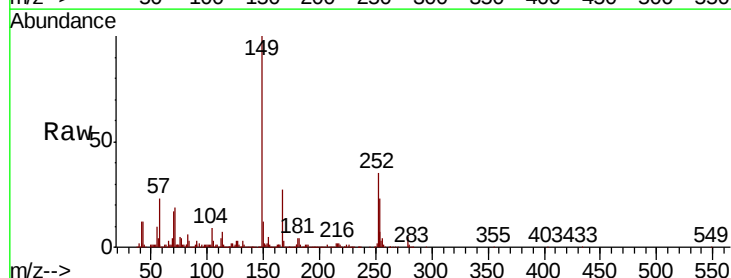
Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1198531
Ion Ratio Lower Upper
228 100
226 29.8 24.0 36.0
229 22.1 17.5 26.3



#82
3,3'-Dichlorobenzidine
Concen: 28.416 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion:252 Resp: 272104
Ion Ratio Lower Upper
252 100
254 65.0 52.6 79.0
126 8.3 7.5 11.3





#83

Chrysene

Concen: 49.852 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

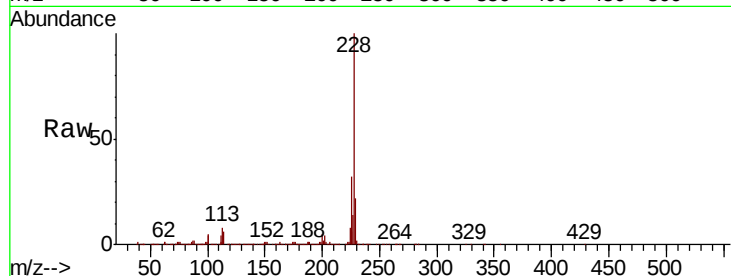
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1152339

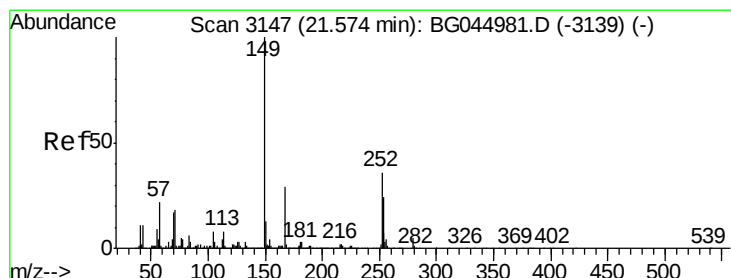
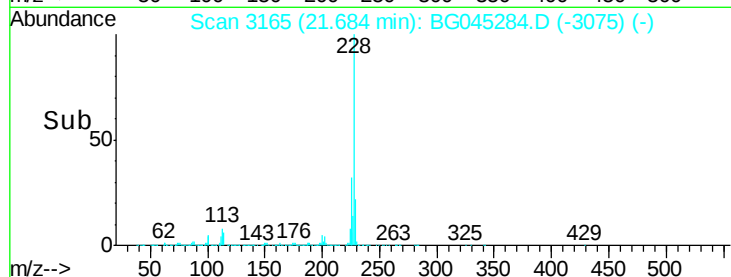
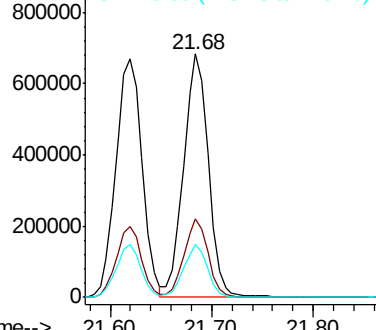
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.8	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.600 ng

RT: 21.54 min Scan# 3140

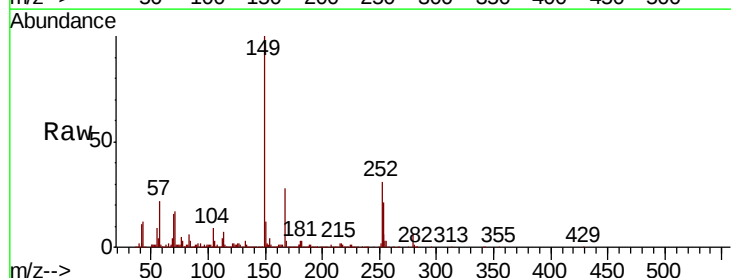
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:149 Resp: 723586

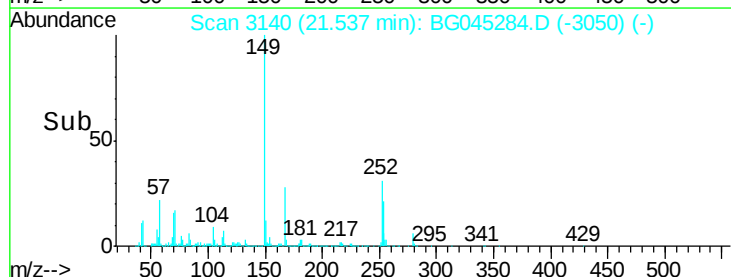
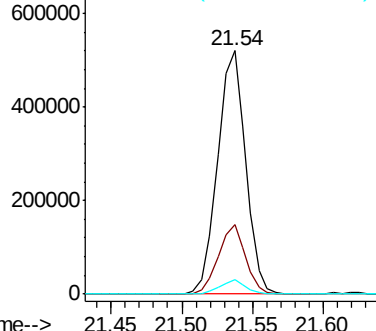
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.8	4.3	6.5

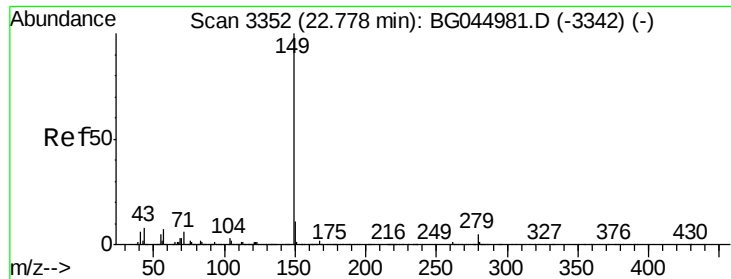


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.829 ng

RT: 22.73 min Scan# 3343

Delta R.T. -0.01 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

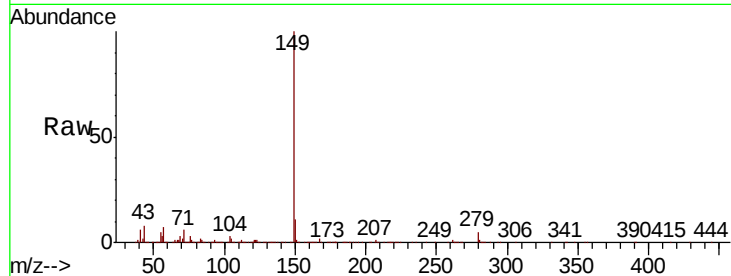
Tot Ion:149 Resp: 1206605

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

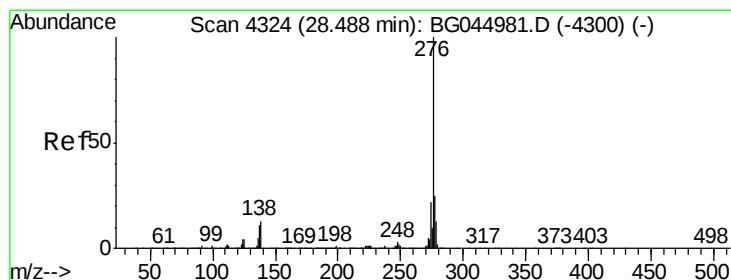
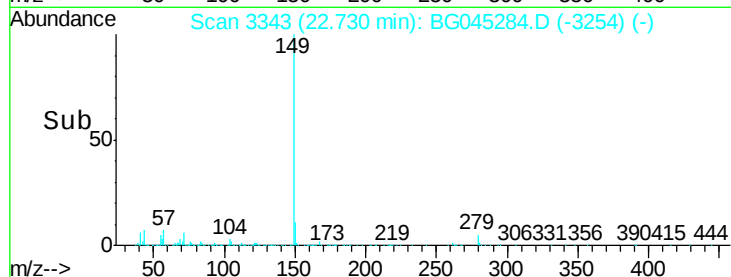
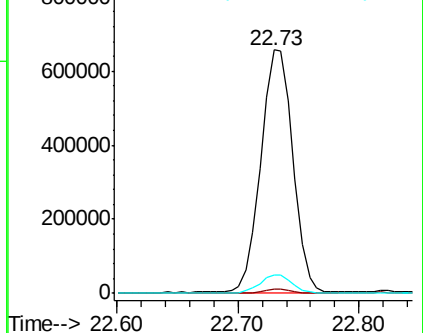
43 7.5 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.584 ng

RT: 28.41 min Scan# 4310

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

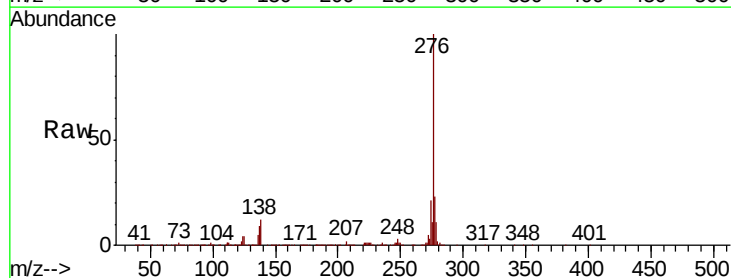
Tgt Ion:276 Resp: 1521732

Ion Ratio Lower Upper

276 100

138 9.7 9.6 14.4

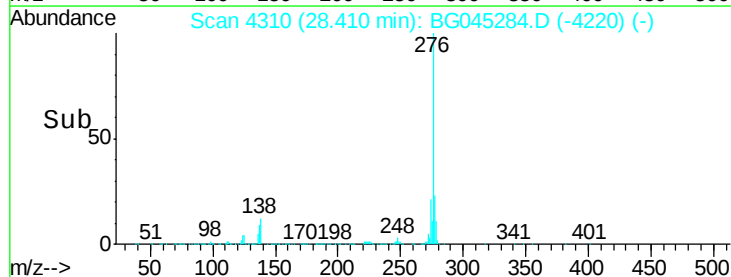
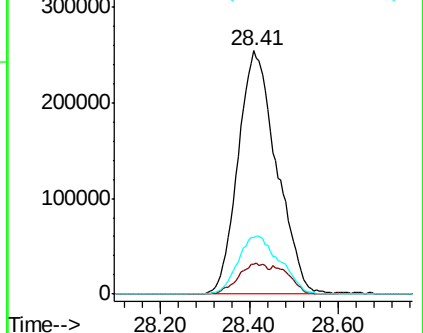
277 25.9 20.6 31.0



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

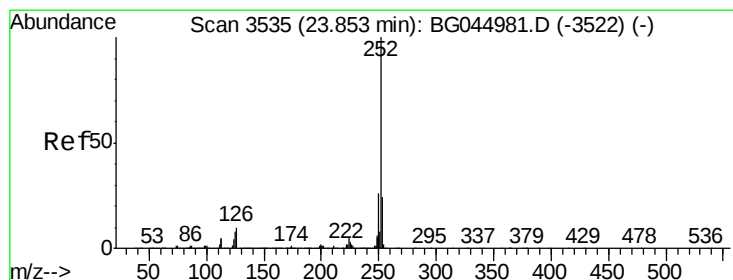
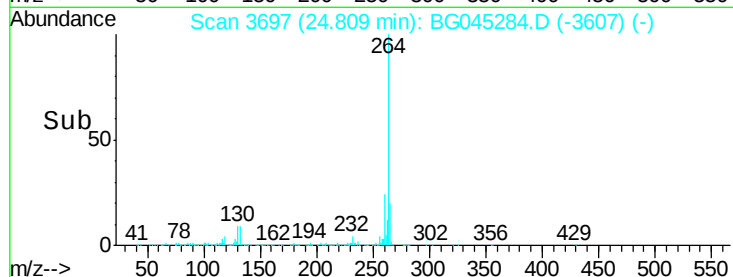
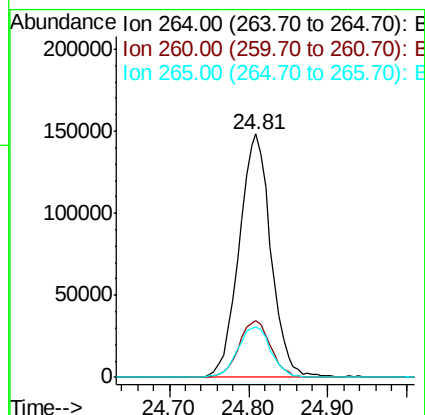
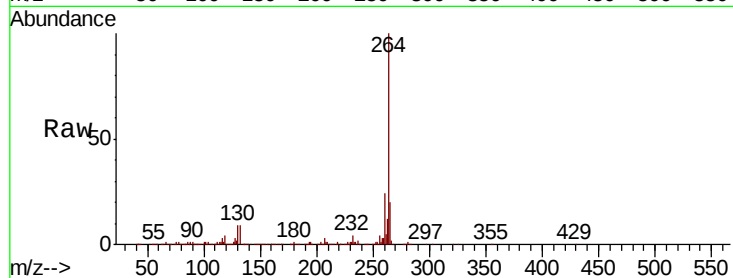




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

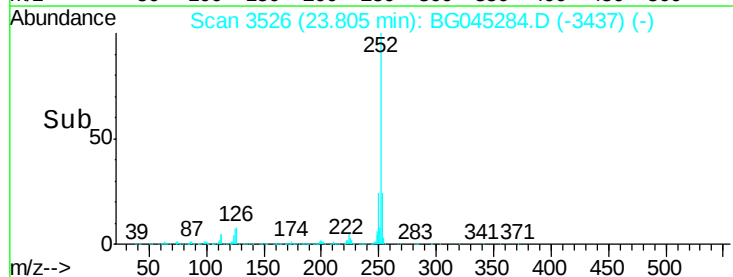
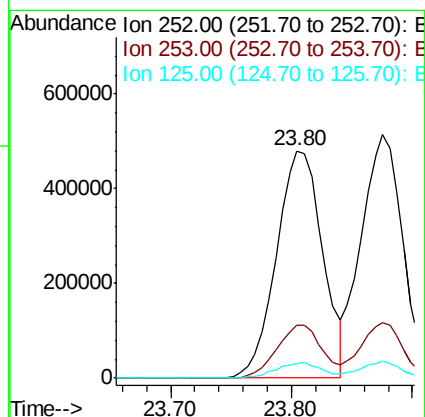
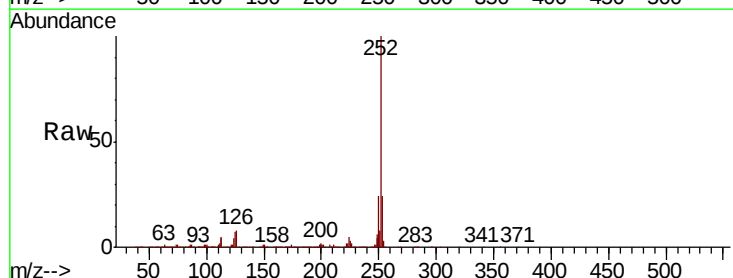
Instrument :
BNA_G
ClientSampleId :

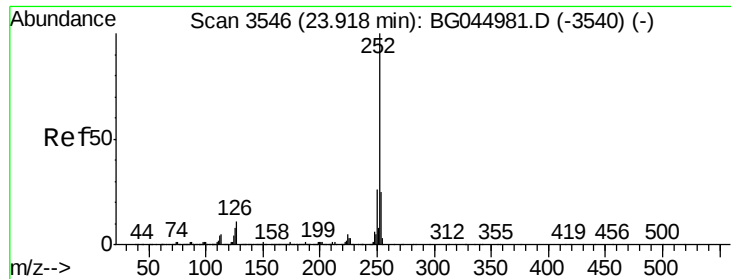
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.5	19.0	28.4



#88
Benzo(b)fluoranthene
Concen: 49.213 ng
RT: 23.80 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BG045284.D
Acq: 8 May 2020 00:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.8	28.2
125	6.6	6.2	9.4





#89

Benzo(k)fluoranthene

Concen: 50.441 ng

RT: 23.88 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Instrument :

BNA_G

ClientSampleId :

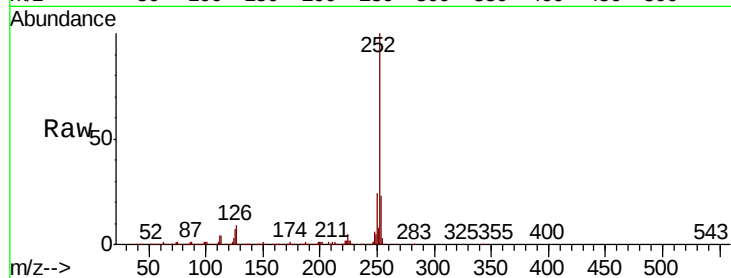
Tot Ion:252 Resp: 1234785

Ion Ratio Lower Upper

252 100

253 22.6 19.2 28.8

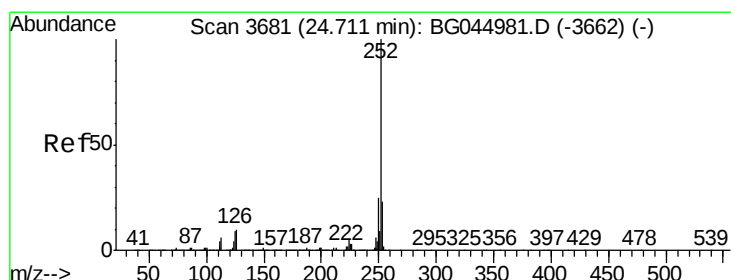
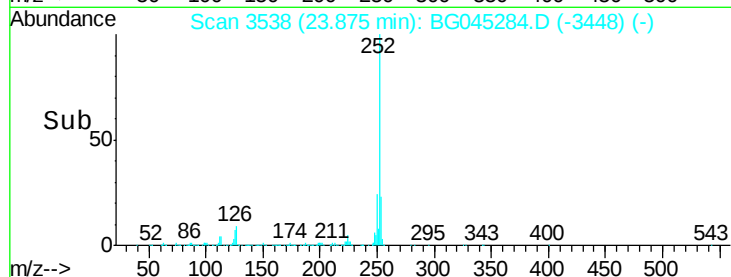
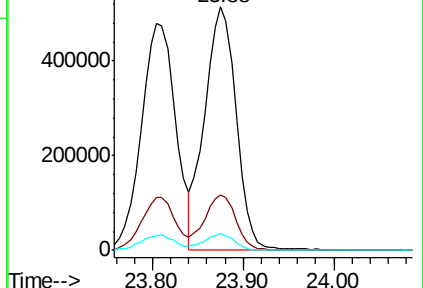
125 7.0 5.9 8.9



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: 48.172 ng

RT: 24.66 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

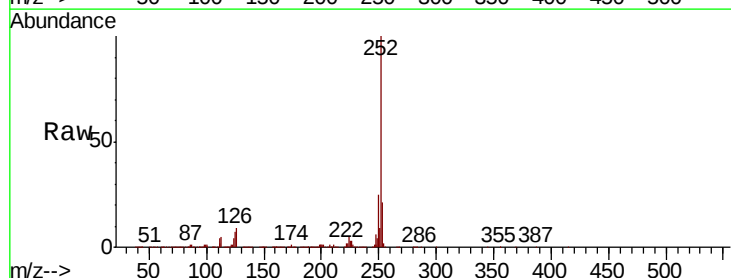
Tgt Ion:252 Resp: 1170767

Ion Ratio Lower Upper

252 100

253 21.5 18.3 27.5

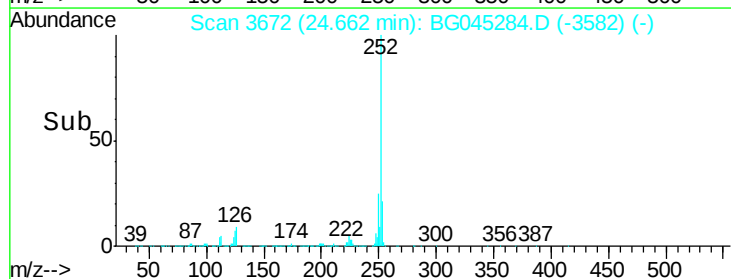
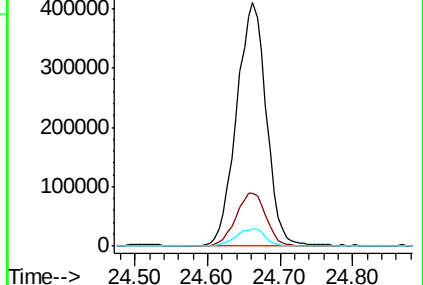
125 6.9 7.0 10.6#

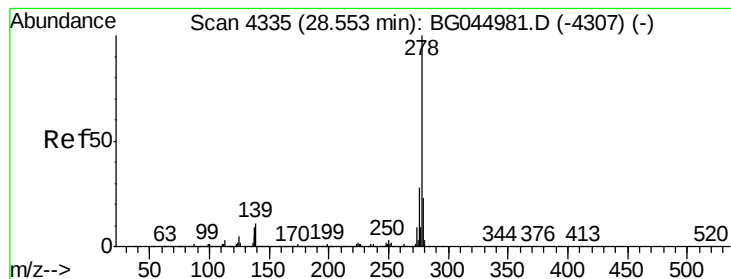


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 50.644 ng

RT: 28.47 min Scan# 4321

Delta R.T. -0.01 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

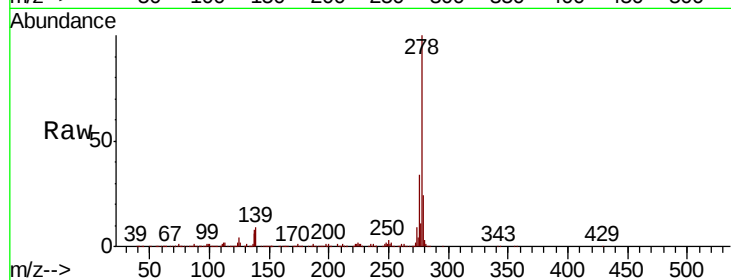
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 1240247

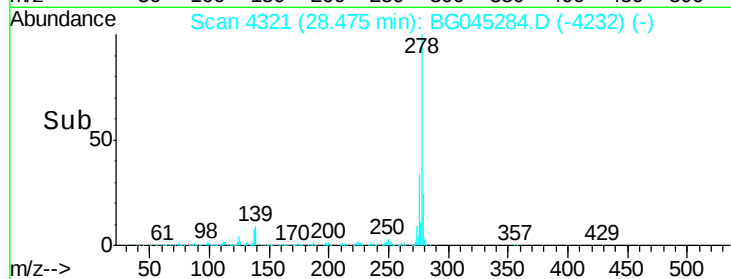
Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.0	13.6
279	23.7	18.4	27.6



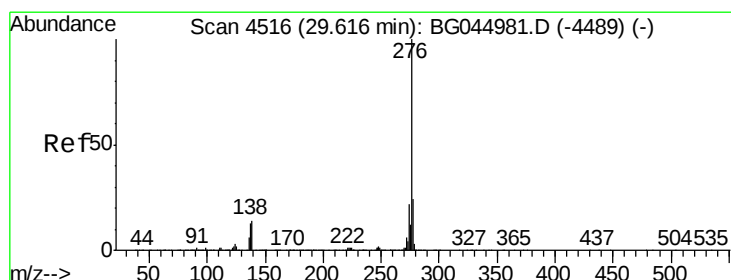
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(g,h,i)perylene

Concen: 51.838 ng

RT: 29.54 min Scan# 4502

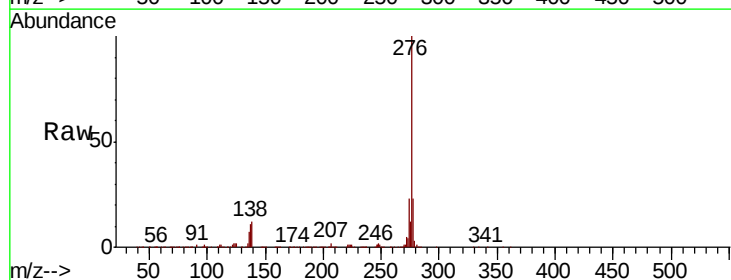
Delta R.T. -0.00 min

Lab File: BG045284.D

Acq: 8 May 2020 00:39

Tgt Ion:276 Resp: 1272742

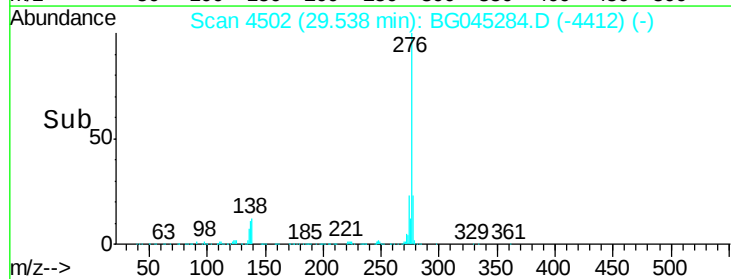
Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.3	28.9
138	12.4	11.4	17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->