

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045505.D
 Acq On : 28 May 2020 20:17
 Operator : CG/JU
 Sample : L2498-16MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Quant Time: May 29 01:41:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	77442	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	316142	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	225058	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	492621	20.00	ng	0.00
76) Chrysene-d12	21.61	240	433274	20.00	ng	0.00
87) Perylene-d12	24.76	264	482073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	560348	141.41	ng	0.00
7) Phenol-d6	7.17	99	720991	127.83	ng	0.00
23) Nitrobenzene-d5	9.12	82	606190	104.56	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	440381	153.00	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1366983	103.03	ng	0.00
79) Terphenyl-d14	19.96	244	2029679	109.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	68673	34.948	ng	# 46
3) Pyridine	3.82	79	146622	26.791	ng	99
4) n-Nitrosodimethylamine	3.72	42	73798	41.209	ng	# 98
6) Aniline	7.29	93	176473	23.969	ng	98
8) 2-Chlorophenol	7.54	128	231085	53.177	ng	99
9) Benzaldehyde	7.09	77	124123	33.778	ng	95
10) Phenol	7.19	94	245678	42.265	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	215629	47.558	ng	97
12) 1,3-Dichlorobenzene	7.85	146	229270	43.904	ng	98
13) 1,4-Dichlorobenzene	7.99	146	235383	45.674	ng	94
14) 1,2-Dichlorobenzene	8.32	146	226496	45.695	ng	98
15) Benzyl Alcohol	8.21	79	242825	52.117	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.49	45	194582	45.212	ng	98
17) 2-Methylphenol	8.44	107	208523	47.927	ng	94
18) Hexachloroethane	9.04	117	89610	45.400	ng	89
19) n-Nitroso-di-n-propylamine	8.77	70	198383	50.865	ng	98
20) 3+4-Methylphenols	8.77	107	269552	45.496	ng	# 71
22) Acetophenone	8.78	105	366621	48.929	ng	95
24) Nitrobenzene	9.16	77	300945	48.451	ng	98
25) Isophorone	9.68	82	559132	48.972	ng	97
26) 2-Nitrophenol	9.88	139	136956	51.544	ng	93
27) 2,4-Dimethylphenol	9.96	122	229542	58.246	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	308983	51.603	ng	96
29) 2,4-Dichlorophenol	10.44	162	251302	54.000	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	271651	49.400	ng	97
31) Naphthalene	10.82	128	743750	50.485	ng	99
32) Benzoic acid	10.10	122	27404	18.112	ng	96
33) 4-Chloroaniline	10.94	127	38093	6.186	ng	# 91
34) Hexachlorobutadiene	11.11	225	183677	47.253	ng	98
35) Caprolactam	11.70	113	36280	21.239	ng	90
36) 4-Chloro-3-methylphenol	12.09	107	276599	52.746	ng	97
37) 2-Methylnaphthalene	12.43	142	563495	51.319	ng	96
38) 1-Methylnaphthalene	12.65	142	534947	51.575	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	328132	52.199	ng	99

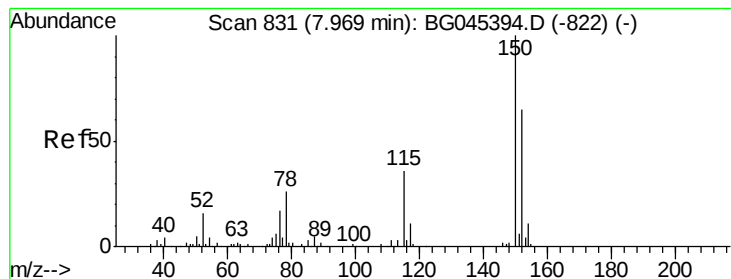
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	263784	72.702	ng	99
43) 2,4,6-Trichlorophenol	13.05	196	227248	52.040	ng	100
44) 2,4,5-Trichlorophenol	13.14	196	236080	47.310	ng	97
46) 1,1'-Biphenyl	13.43	154	727400	52.600	ng	99
47) 2-Chloronaphthalene	13.48	162	561559	50.007	ng	99
48) 2-Nitroaniline	13.69	65	179639	48.632	ng	87
49) Acenaphthylene	14.33	152	917615	50.873	ng	99
50) Dimethylphthalate	14.06	163	886427	57.416	ng	97
51) 2,6-Dinitrotoluene	14.18	165	173394	49.772	ng	96
52) Acenaphthene	14.67	154	540843	44.794	ng	98
53) 3-Nitroaniline	14.51	138	71127	20.084	ng	87
54) 2,4-Dinitrophenol	14.72	184	110482	50.568	ng	99
55) Dibenzofuran	15.00	168	880733	49.121	ng	97
56) 4-Nitrophenol	14.87	139	200194	74.666	ng	95
57) 2,4-Dinitrotoluene	14.97	165	238315	47.234	ng	98
58) Fluorene	15.65	166	717635	48.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	211574	48.192	ng	91
60) Diethylphthalate	15.42	149	756400	47.071	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	405520	48.109	ng	97
62) 4-Nitroaniline	15.68	138	148332	40.121	ng	97
63) Azobenzene	15.93	77	719655	48.029	ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	109841	38.285	ng	93
66) n-Nitrosodiphenylamine	15.86	169	641097	54.202	ng	97
67) 4-Bromophenyl-phenylether	16.54	248	275269	51.604	ng	97
68) Hexachlorobenzene	16.66	284	299193	53.626	ng	97
69) Atrazine	16.81	200	241124	49.494	ng	97
70) Pentachlorophenol	17.02	266	266320	91.931	ng	97
71) Phenanthrene	17.39	178	1115838	51.886	ng	98
72) Anthracene	17.49	178	1145570	53.044	ng	98
73) Carbazole	17.76	167	1029342	48.896	ng	100
74) Di-n-butylphthalate	18.31	149	1223688	48.430	ng	99
75) Fluoranthene	19.40	202	1319538	48.240	ng	99
77) Benzidine	19.58	184	328720	27.014	ng	99
78) Pyrene	19.77	202	1315827	53.276	ng	98
80) Butylbenzylphthalate	20.65	149	533043	50.001	ng	100
81) Benzo(a)anthracene	21.59	228	1269112	52.581	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	225683	23.837	ng	99
83) Chrysene	21.66	228	1201580	51.774	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	745590	50.878	ng	99
85) Di-n-octyl phthalate	22.69	149	1247609	49.569	ng	100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1591973	52.456	ng	# 97
88) Benzo(b)fluoranthene	23.77	252	1330083	51.446	ng	100
89) Benzo(k)fluoranthene	23.83	252	1286399	52.961	ng	98
90) Benzo(a)pyrene	24.61	252	1222147	50.756	ng	98
91) Dibenzo(a,h)anthracene	28.40	278	1306134	53.980	ng	100
92) Benzo(g,h,i)perylene	29.45	276	1331924	55.039	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

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CL-01-052220MS

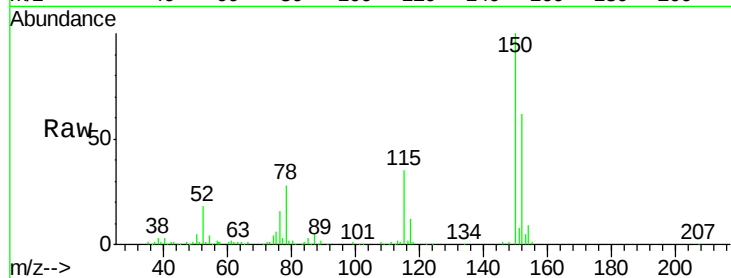
Tot Ion:152 Resp: 77442

Ion Ratio Lower Upper

152 100

150 161.6 122.4 183.6

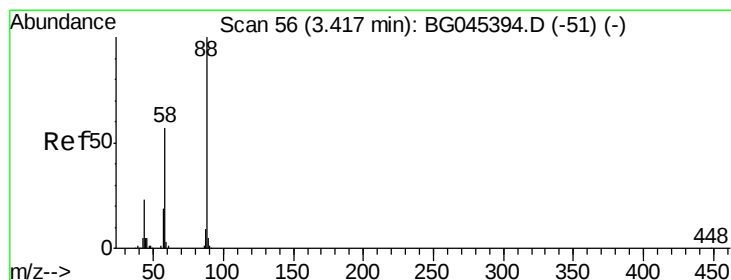
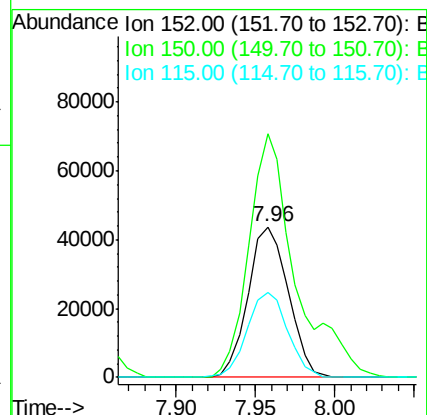
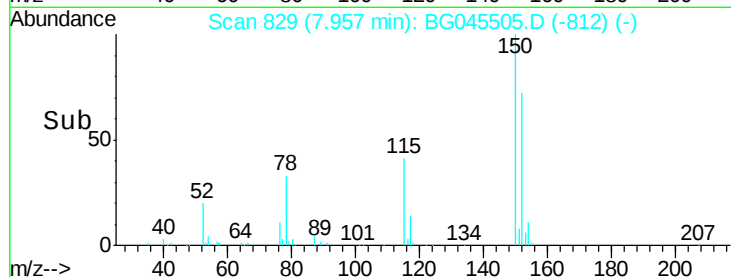
115 56.1 44.2 66.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.948 ng

RT: 3.41 min Scan# 55

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

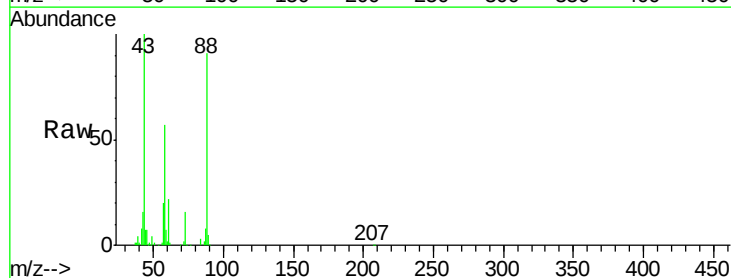
Tgt Ion: 88 Resp: 68673

Ion Ratio Lower Upper

88 100

58 58.5 45.7 68.5

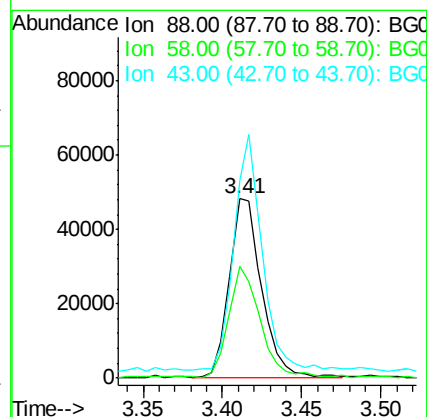
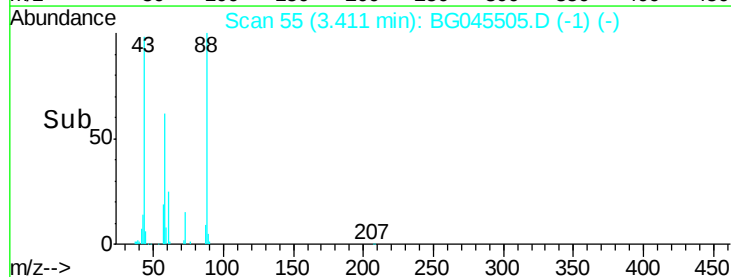
43 112.4 16.8 25.2#

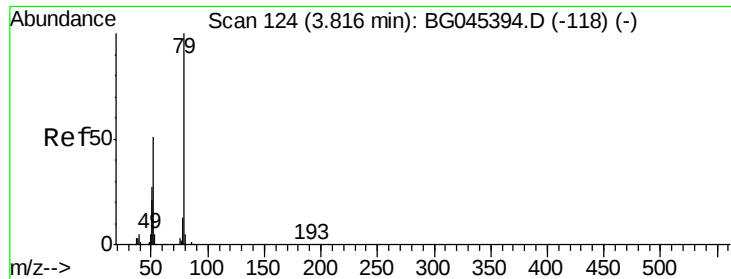


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 26.791 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.02 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

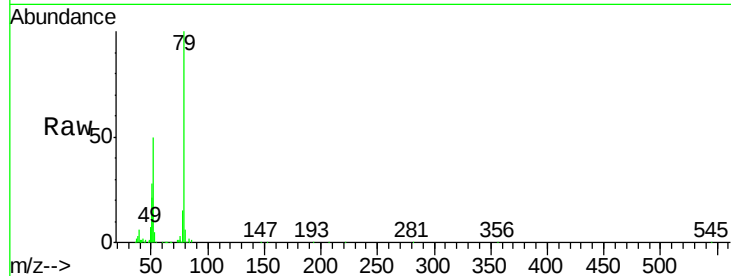
Tot Ion: 79 Resp: 146622

Ion Ratio Lower Upper

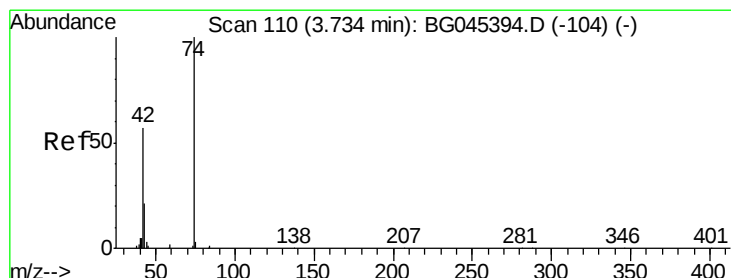
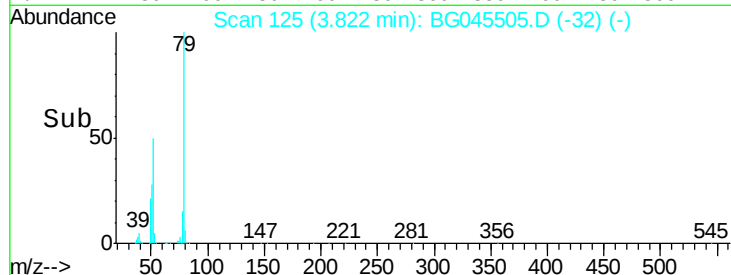
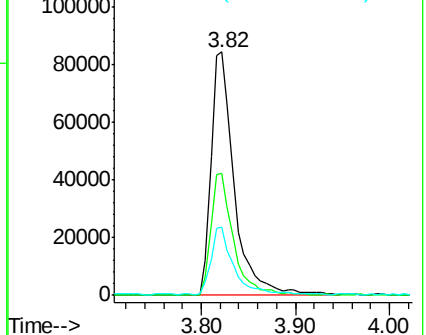
79 100

52 50.3 40.8 61.2

51 28.2 21.9 32.9



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



#4

n-Nitrosodimethylamine

Concen: 41.209 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

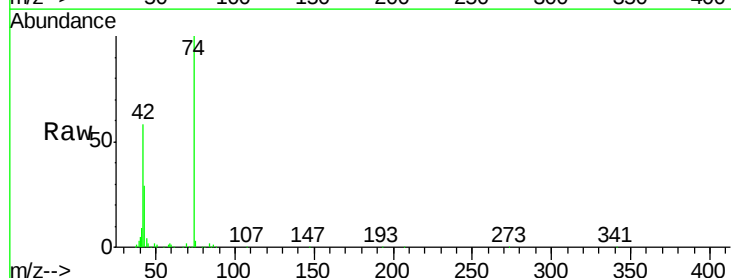
Tgt Ion: 42 Resp: 73798

Ion Ratio Lower Upper

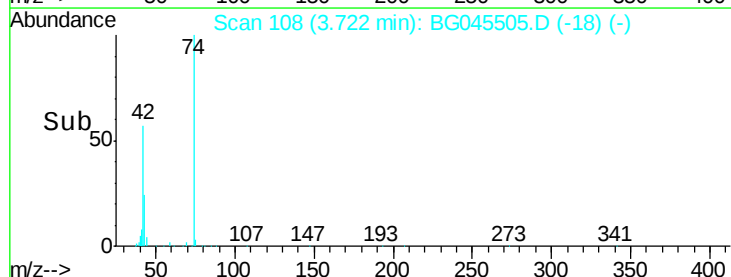
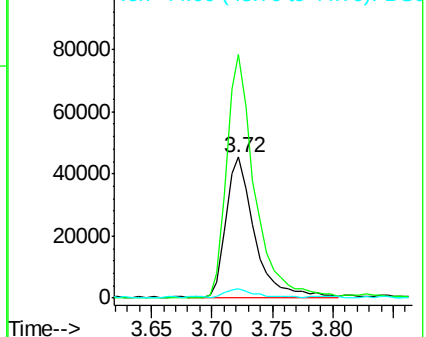
42 100

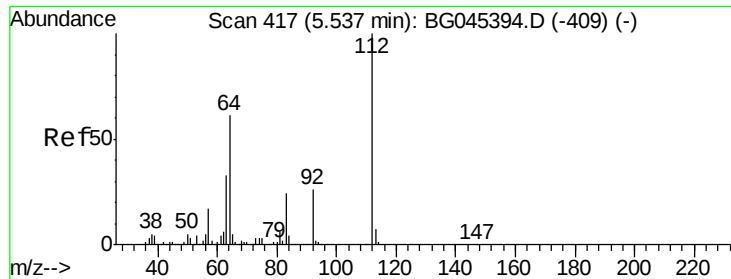
74 173.2 141.3 211.9

44 6.8 4.2 6.4#



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





#5

2-Fluorophenol

Concen: 141.407 ng

RT: 5.55 min Scan# 420

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

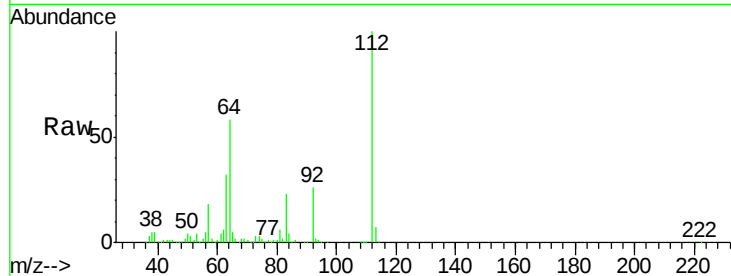
Tot Ion:112 Resp: 560348

Ion Ratio Lower Upper

112 100

64 58.2 48.6 72.8

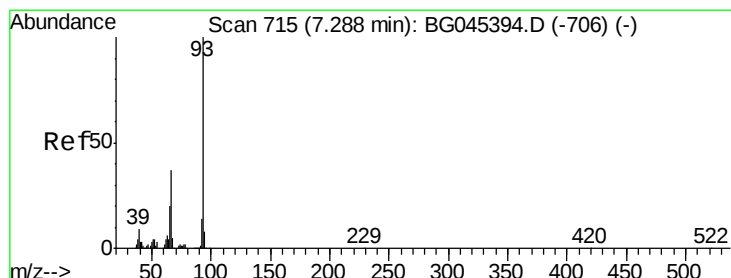
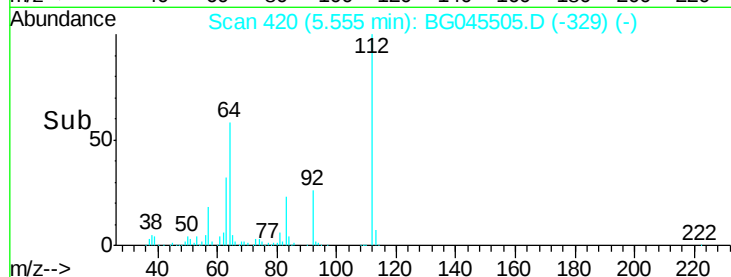
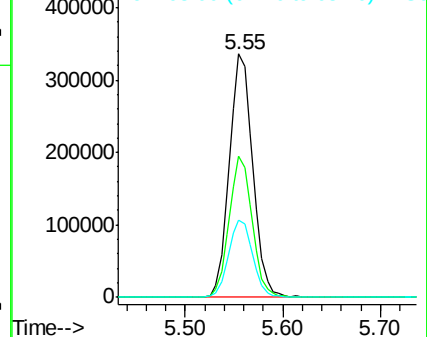
63 31.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 23.969 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

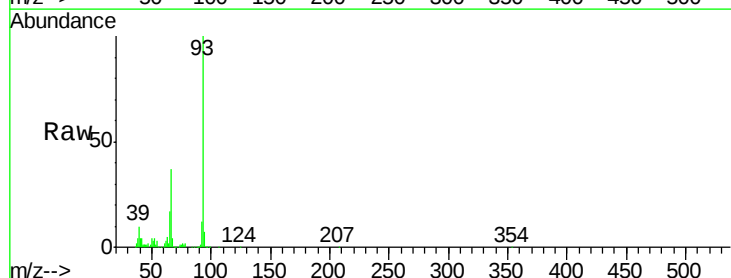
Tgt Ion: 93 Resp: 176473

Ion Ratio Lower Upper

93 100

66 37.2 29.6 44.4

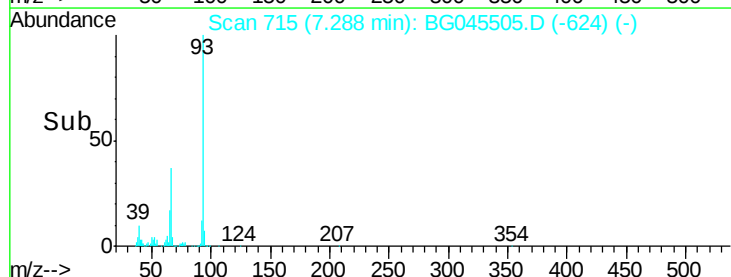
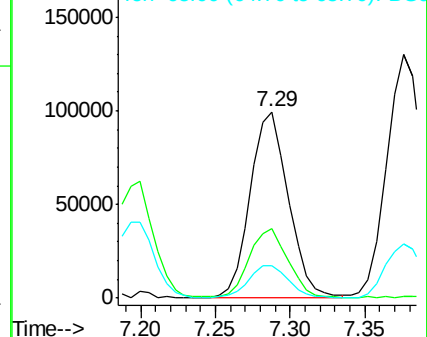
65 17.4 15.9 23.9

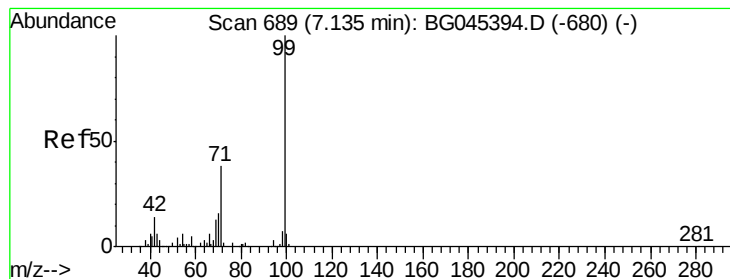


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 127.834 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG045505.D

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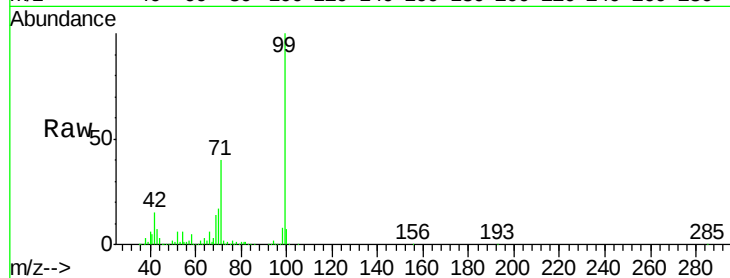
Tot Ion: 99 Resp: 720991

Ion Ratio Lower Upper

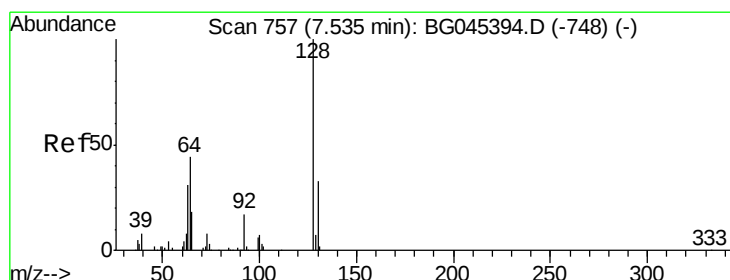
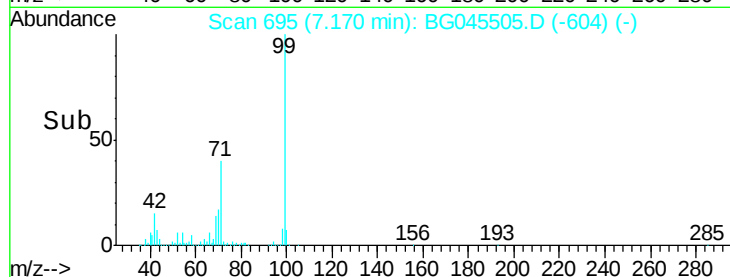
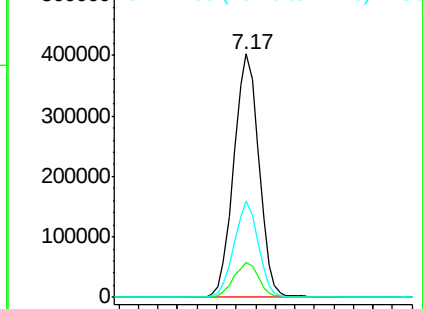
99 100

42 14.6 11.3 16.9

71 39.8 30.8 46.2



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



#8

2-Chlorophenol

Concen: 53.177 ng

RT: 7.54 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

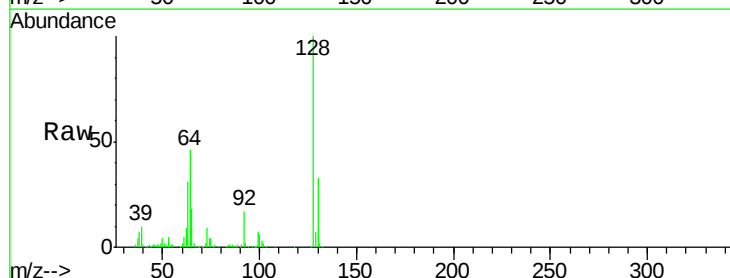
Tgt Ion:128 Resp: 231085

Ion Ratio Lower Upper

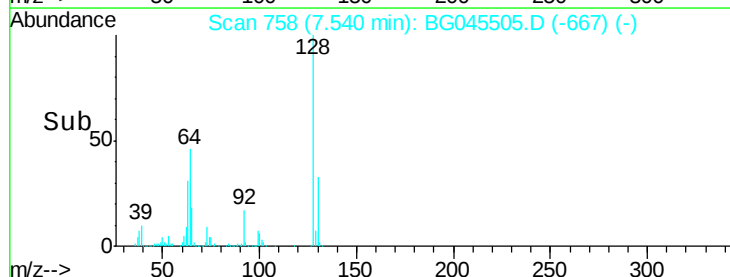
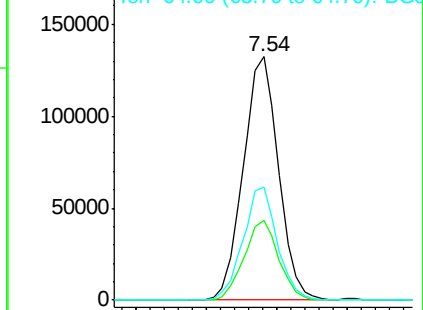
128 100

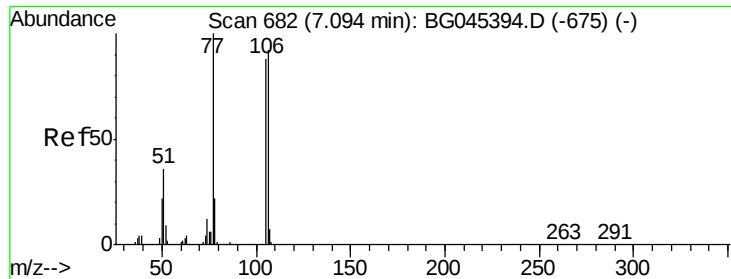
130 32.6 12.6 52.6

64 46.3 27.0 67.0



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





#9

Benzaldehyde

Concen: 33.778 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

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CL-01-052220MS

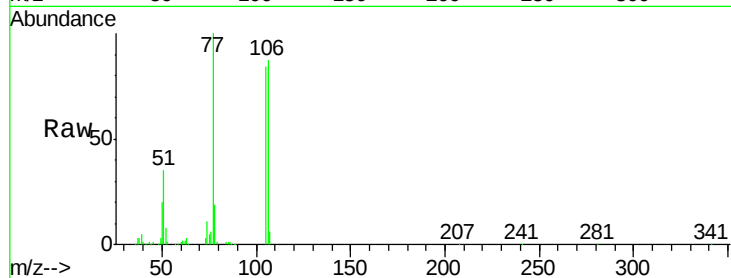
Tot Ion: 77 Resp: 124123

Ion Ratio Lower Upper

77 100

105 84.2 68.5 108.5

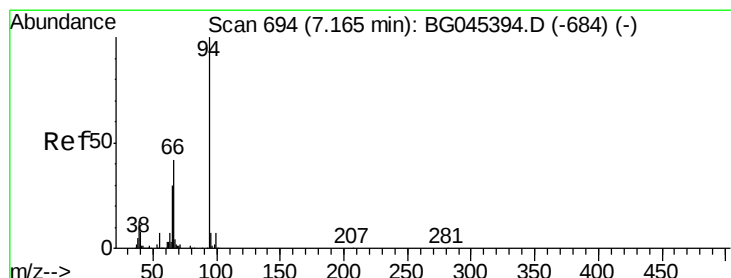
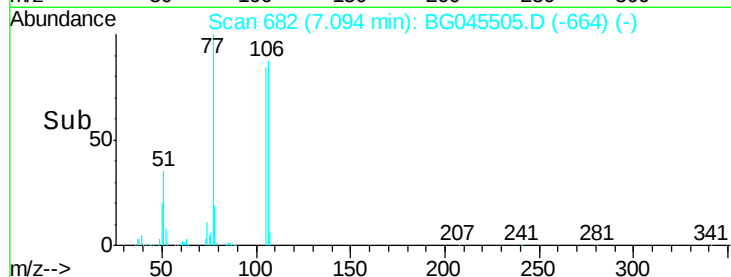
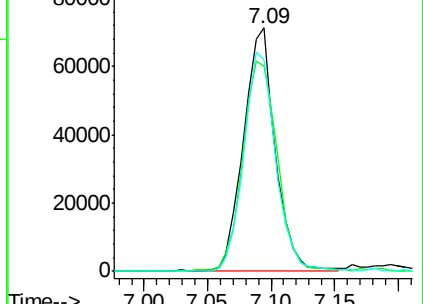
106 87.1 71.6 111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.265 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

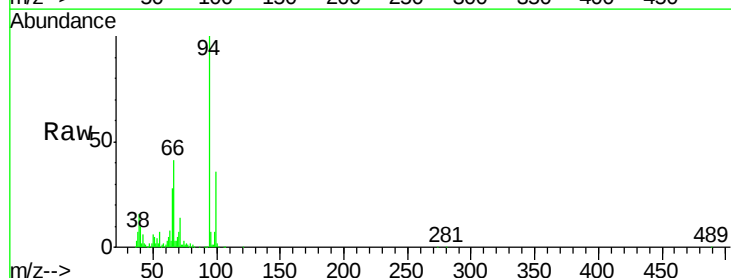
Tgt Ion: 94 Resp: 245678

Ion Ratio Lower Upper

94 100

65 28.0 9.8 49.8

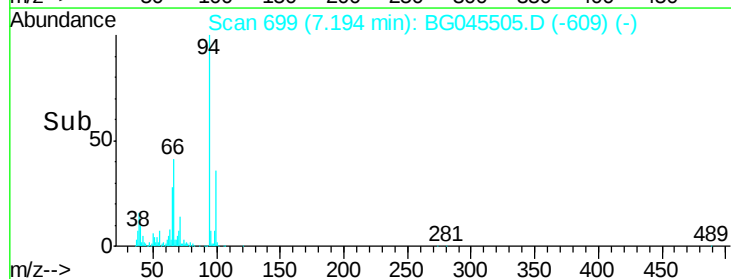
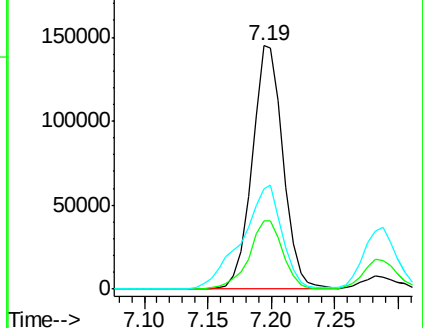
66 41.4 22.0 62.0

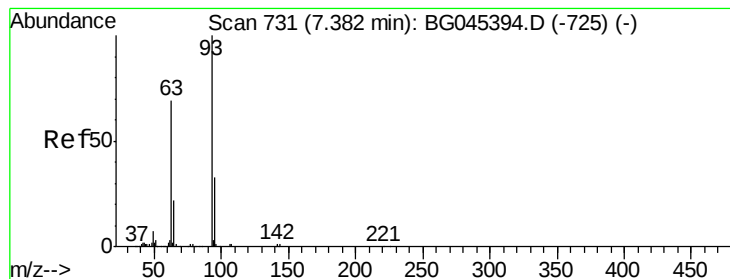


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.558 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

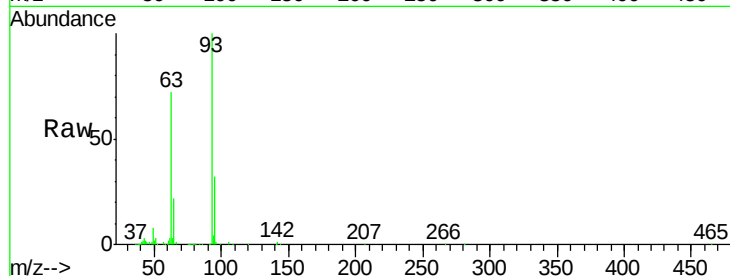
Tot Ion: 93 Resp: 215629

Ion Ratio Lower Upper

93 100

63 72.0 48.4 88.4

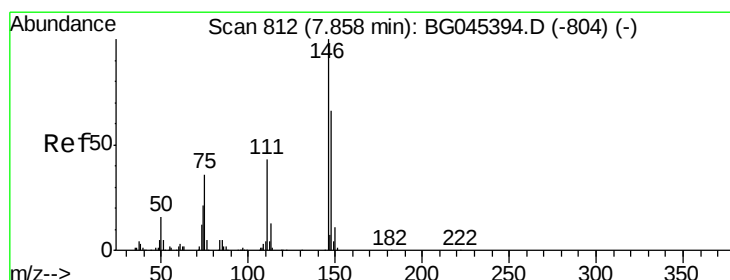
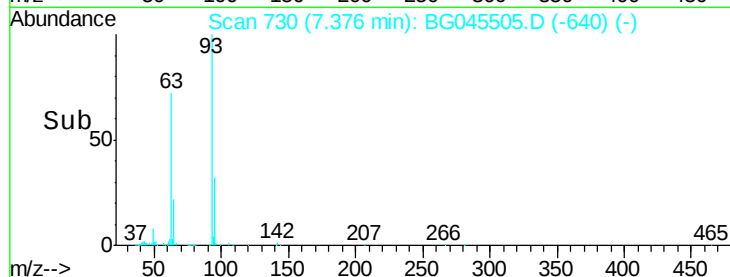
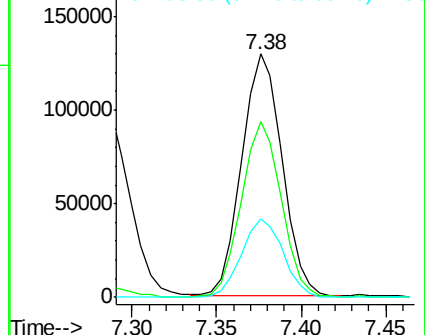
95 32.3 12.4 52.4



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 43.904 ng

RT: 7.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

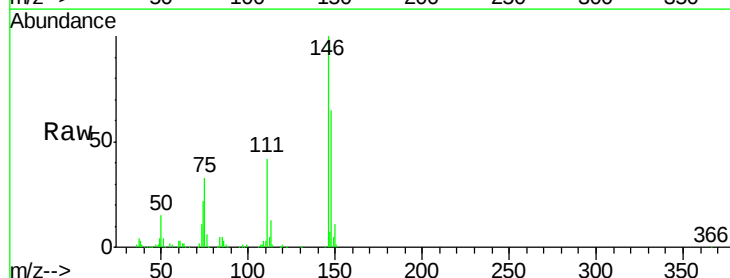
Tgt Ion: 146 Resp: 229270

Ion Ratio Lower Upper

146 100

148 65.4 53.2 79.8

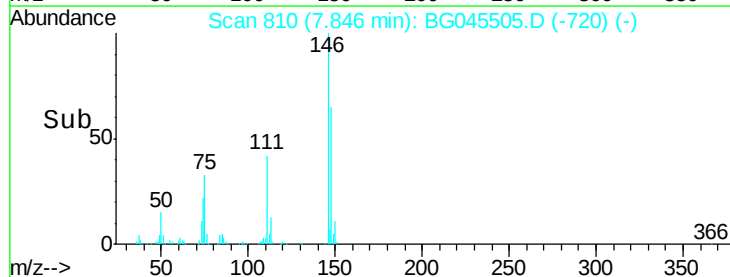
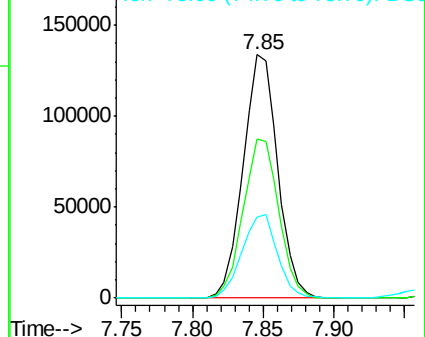
75 33.2 28.6 43.0

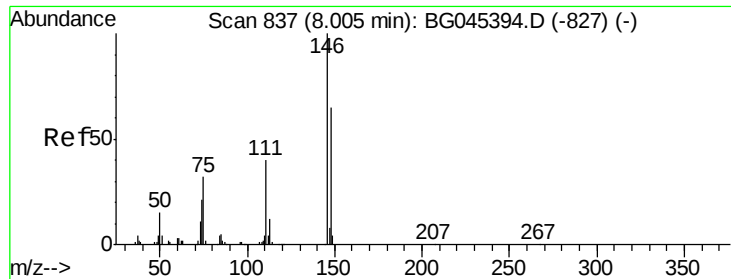


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

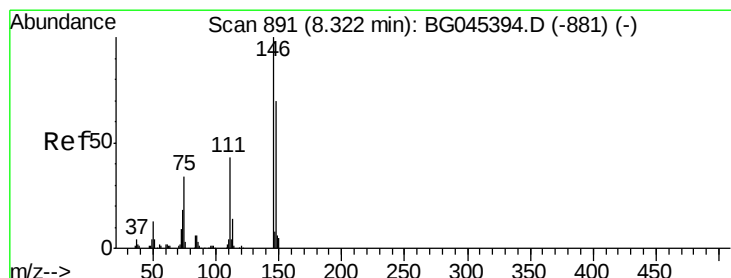
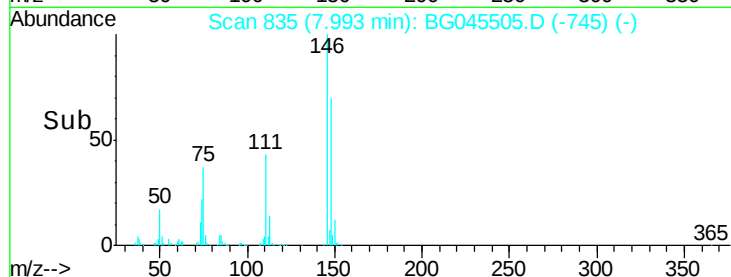
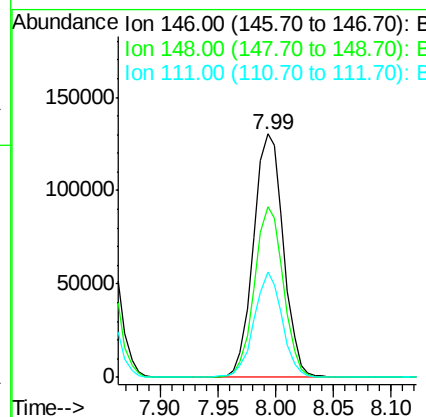
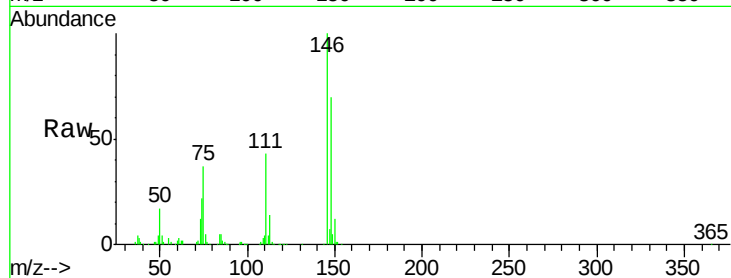




#13
 1,4-Dichlorobenzene
 Concen: 45.674 ng
 RT: 7.99 min Scan# 835
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

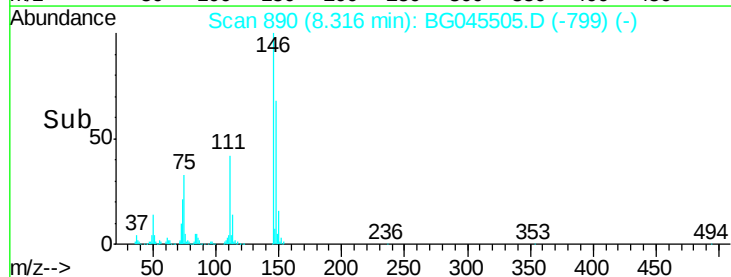
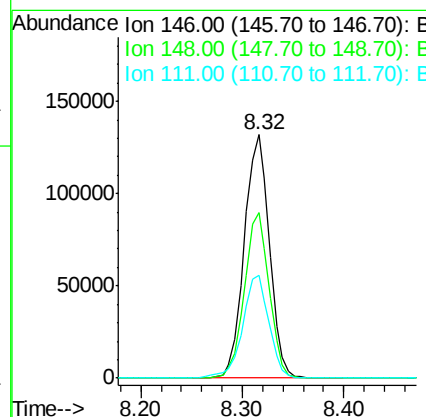
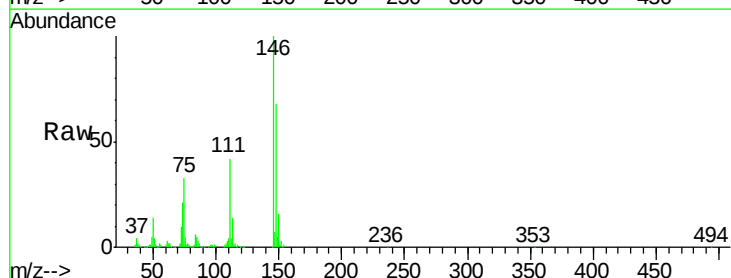
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	70.3	51.8	77.8
111	43.2	32.1	48.1



#14
 1,2-Dichlorobenzene
 Concen: 45.695 ng
 RT: 8.32 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	55.9	83.9
111	42.1	35.0	52.4





#15

Benzyl Alcohol

Concen: 52.117 ng

RT: 8.21 min Scan# 872

Delta R.T. 0.01 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

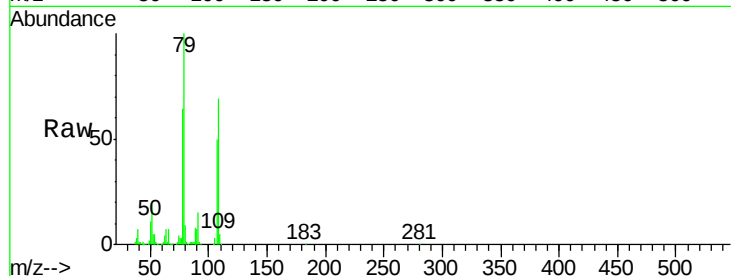
Tot Ion: 79 Resp: 242825

Ion Ratio Lower Upper

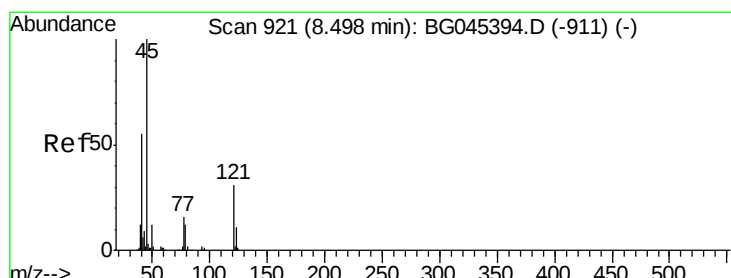
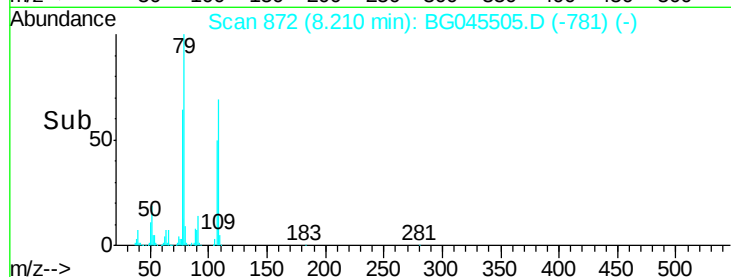
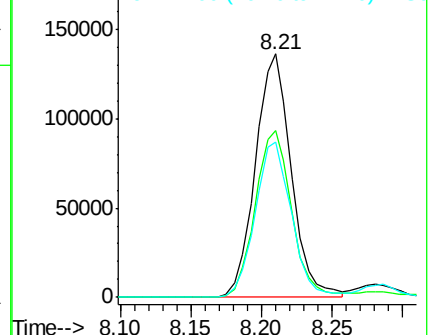
79 100

108 68.6 58.2 87.4

77 63.7 51.0 76.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.212 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

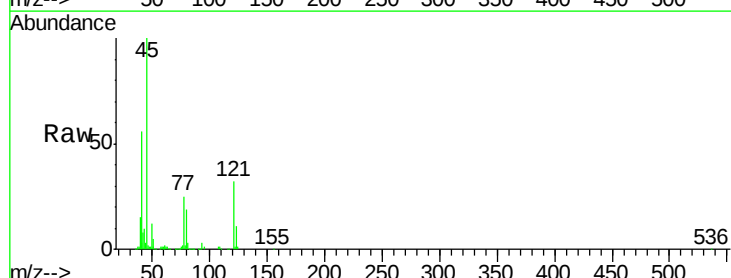
Tgt Ion: 45 Resp: 194582

Ion Ratio Lower Upper

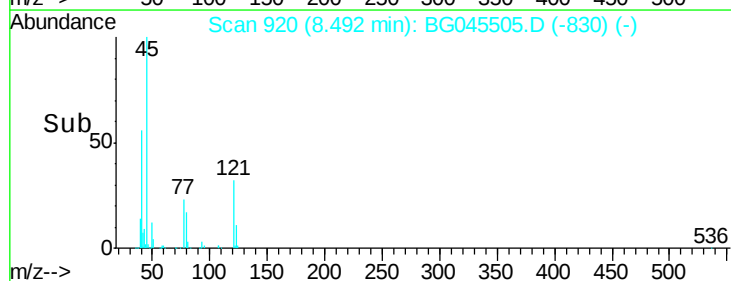
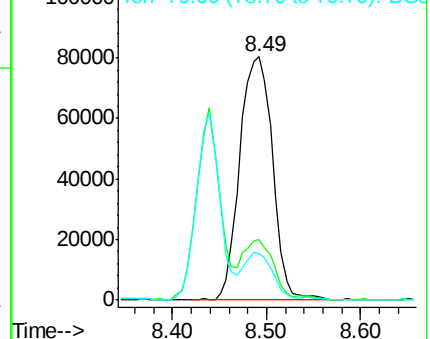
45 100

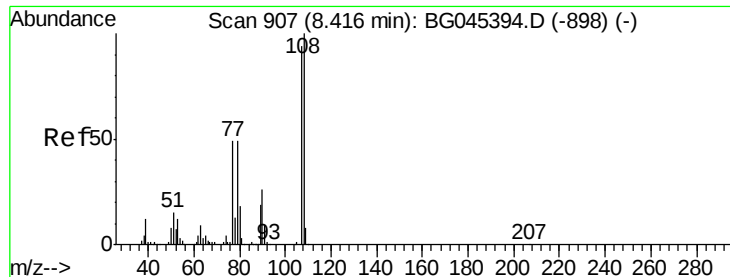
77 25.1 4.0 44.0

79 19.2 0.0 38.6



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





#17

2-Methylphenol

Concen: 47.927 ng

RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

Tot Ion:107 Resp: 208523

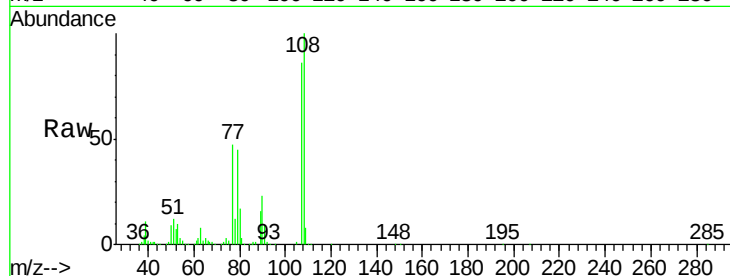
Ion Ratio Lower Upper

107 100

108 116.0 85.2 127.8

77 54.2 41.6 62.4

79 52.7 41.8 62.8

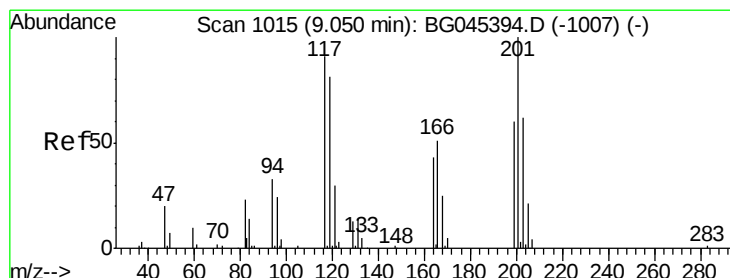
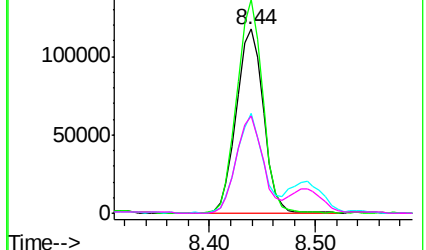
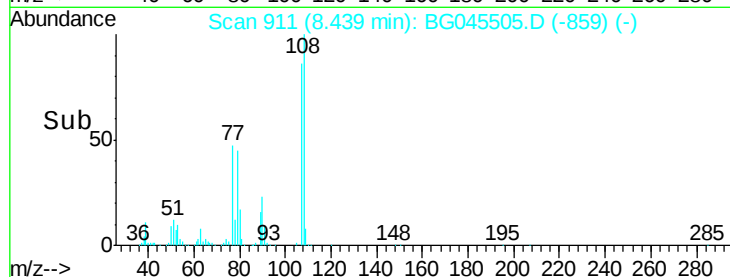


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.400 ng

RT: 9.04 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

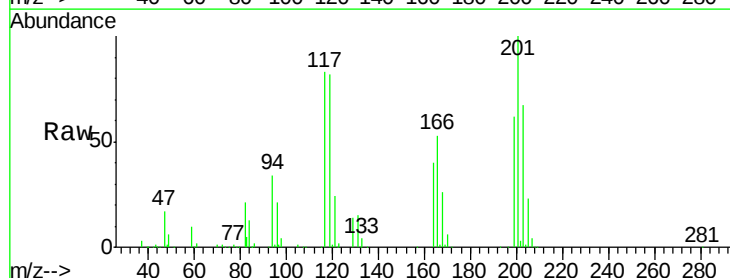
Tgt Ion:117 Resp: 89610

Ion Ratio Lower Upper

117 100

119 99.1 71.3 106.9

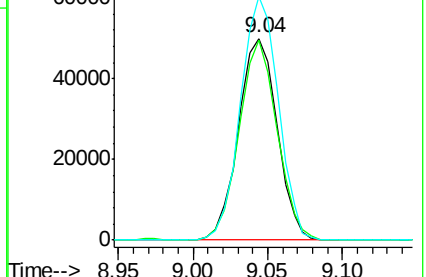
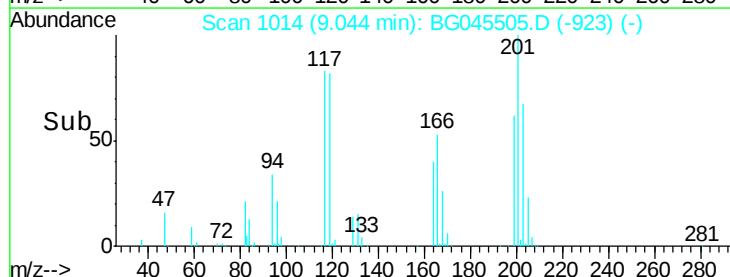
201 120.9 87.5 131.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

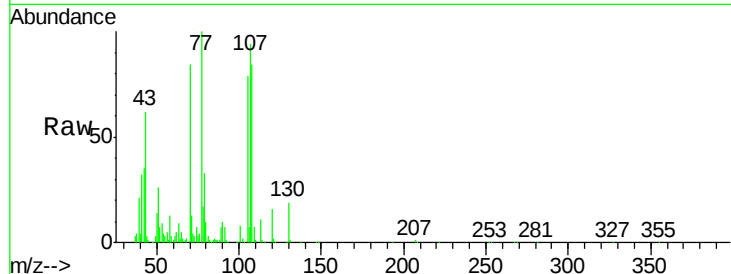




#19
n-Nitroso-di-n-propylamine
Concen: 50.865 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.2	49.8
101	9.2	7.8	11.6
130	22.5	15.4	23.2



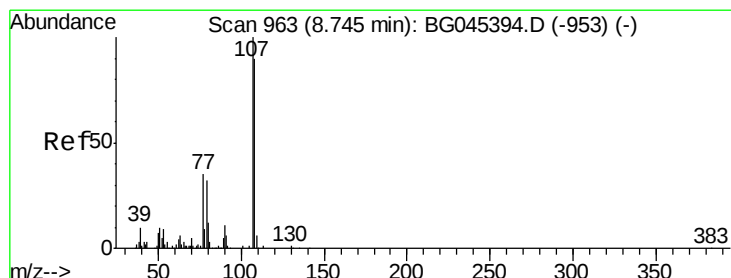
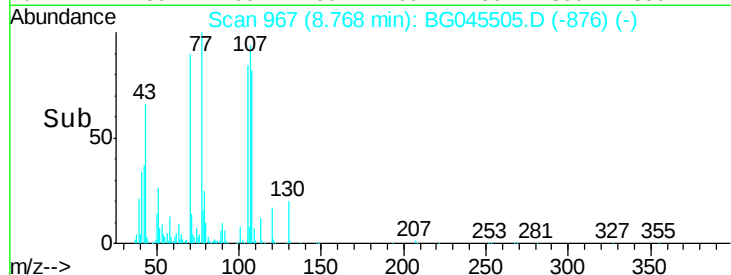
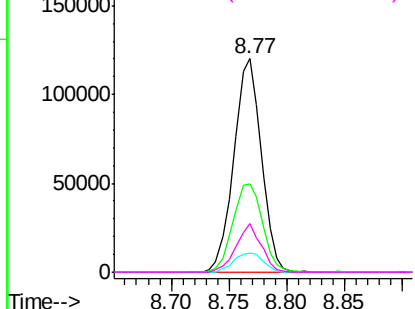
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 45.496 ng
RT: 8.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	70.3	110.3
77	106.5	15.4	55.4
79	35.4	12.6	52.6

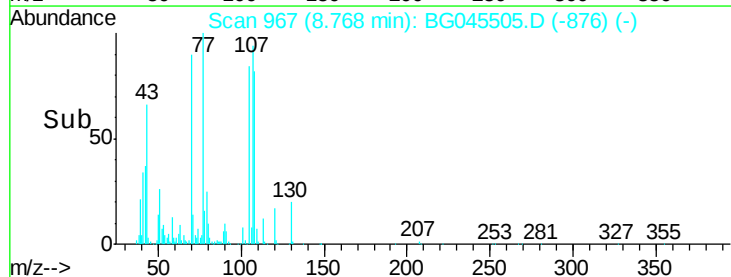
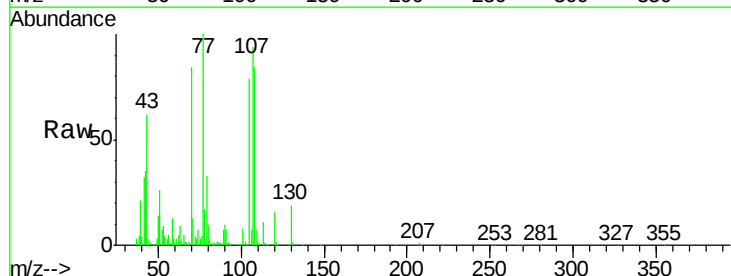
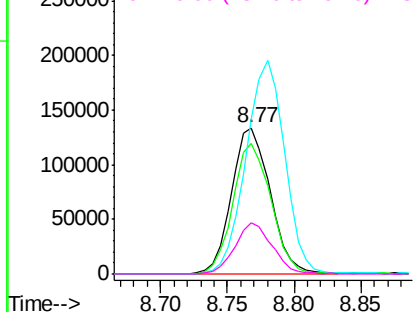
Abundance

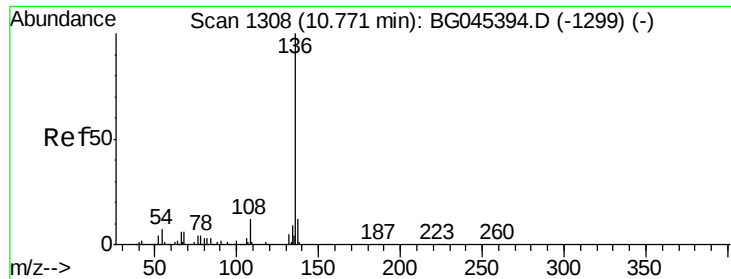
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

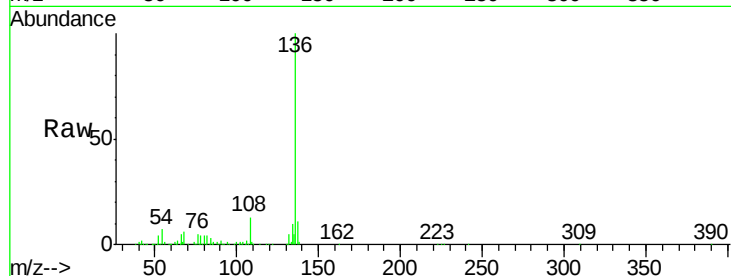




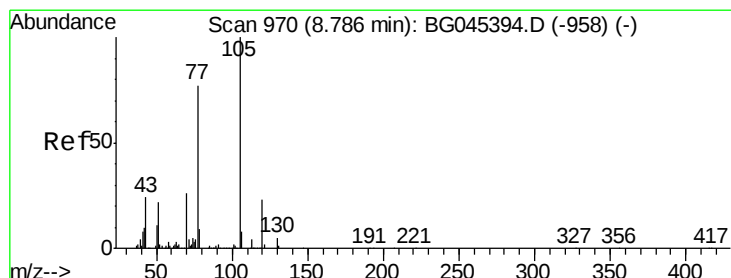
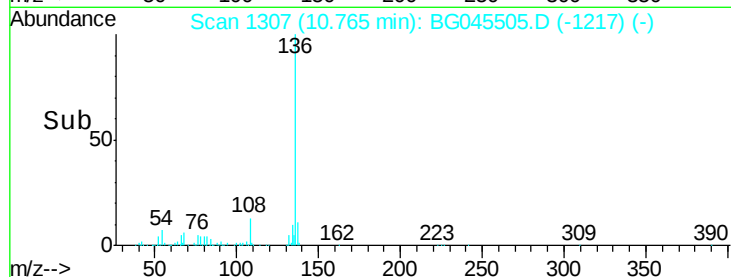
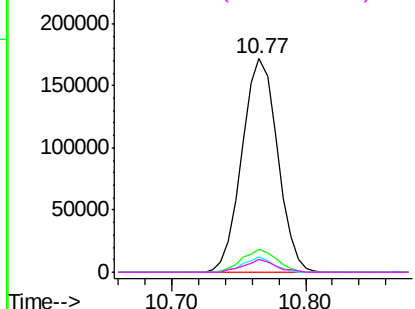
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion:136	Resp:	316142
Ion Ratio	Lower	Upper
136 100		
137 10.7	9.4	14.2
54 7.0	5.8	8.6
68 6.2	4.5	6.7

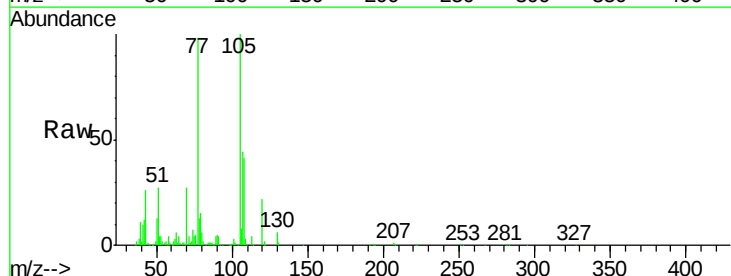


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

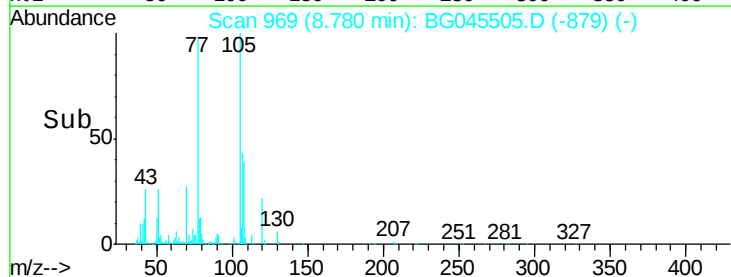
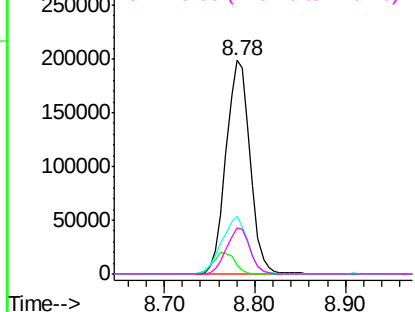


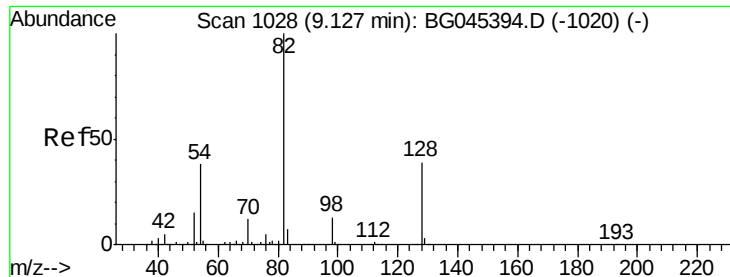
#22
Acetophenone
Concen: 48.929 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt	Ion:105	Resp:	366621
Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.4	5.0
51	26.8	18.2	27.2
120	21.6	18.6	27.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

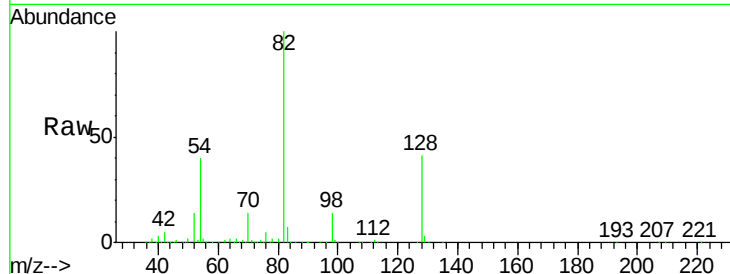




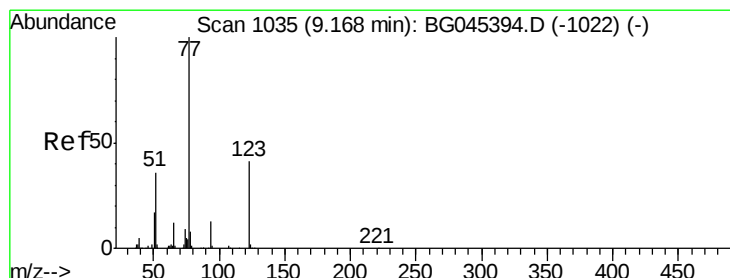
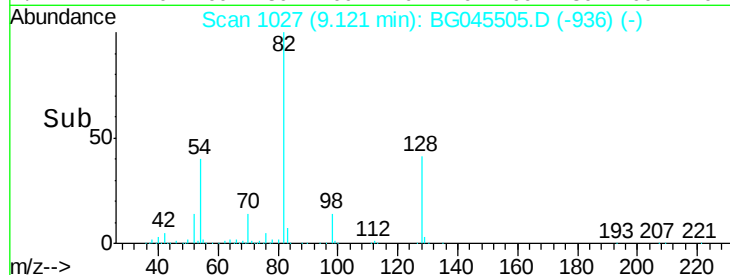
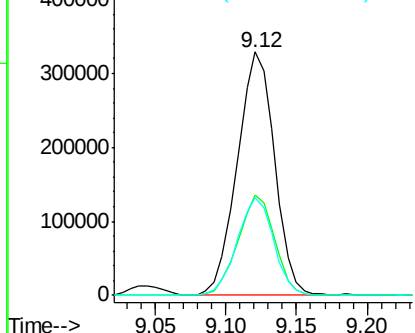
#23
Nitrobenzene-d5
Concen: 104.562 ng
RT: 9.12 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	82	Resp	606190
Ion Ratio	Lower	Upper	
82	100		
128	41.3	30.9	46.3
54	40.1	30.3	45.5

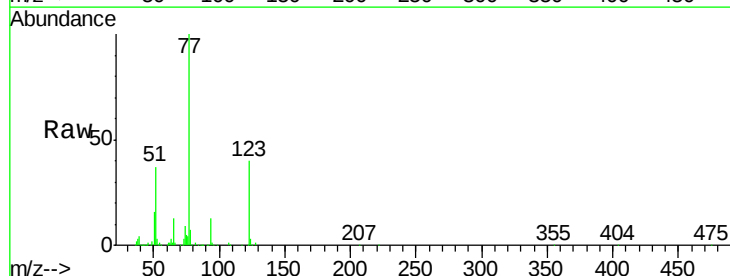


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

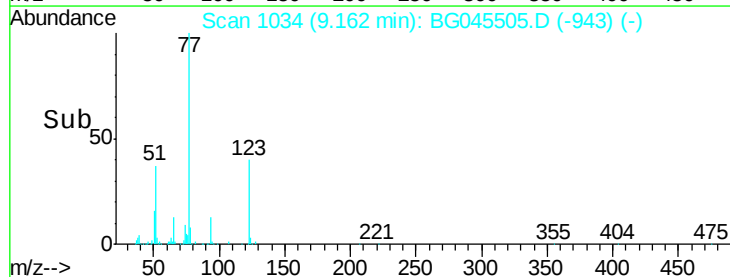
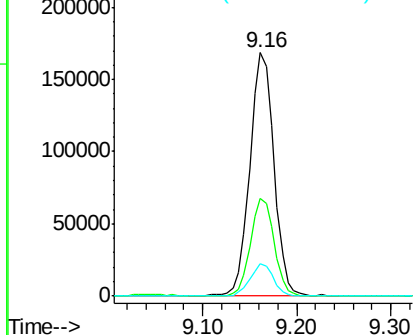


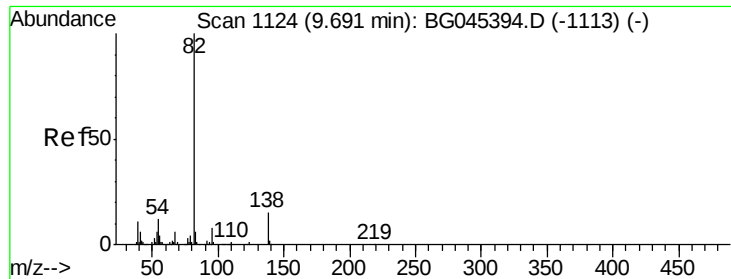
#24
Nitrobenzene
Concen: 48.451 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	77	Resp	300945
Ion Ratio	Lower	Upper	
77	100		
123	40.2	32.9	49.3
65	13.3	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.972 ng

RT: 9.68 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

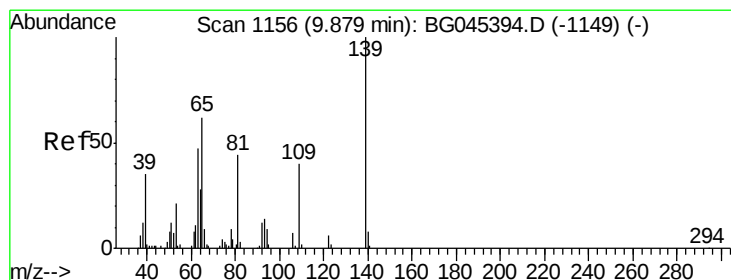
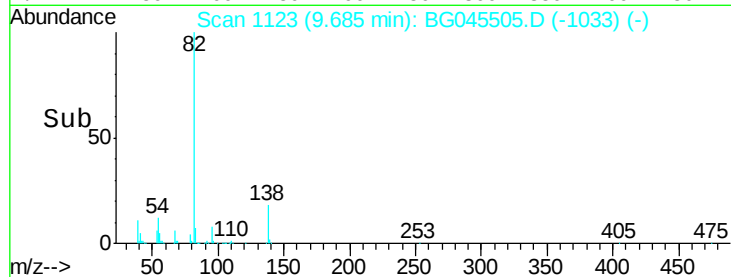
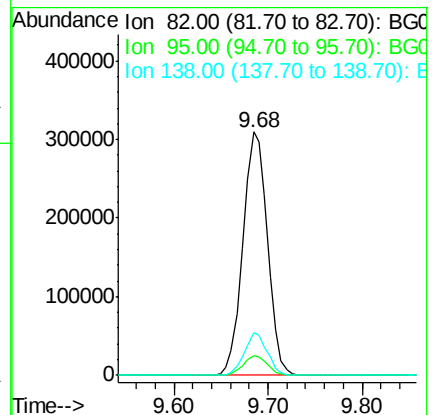
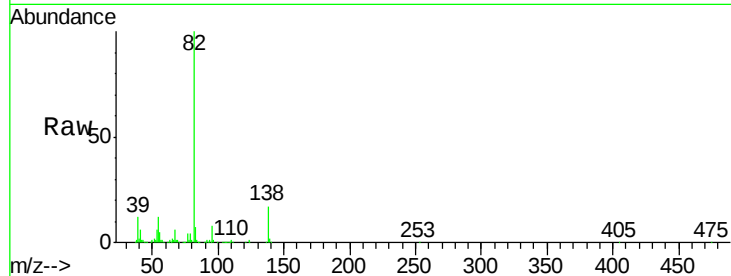
Tot Ion: 82 Resp: 559132

Ion Ratio Lower Upper

82 100

95 8.3 6.7 10.1

138 17.3 12.2 18.4



#26

2-Nitrophenol

Concen: 51.544 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

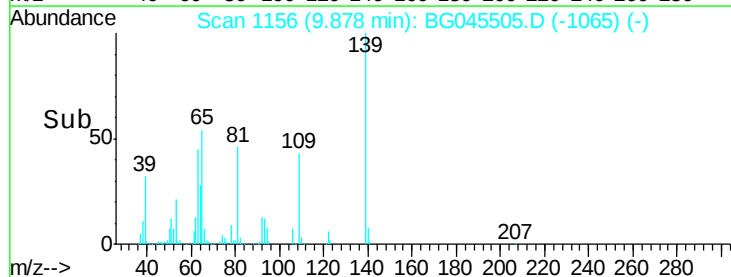
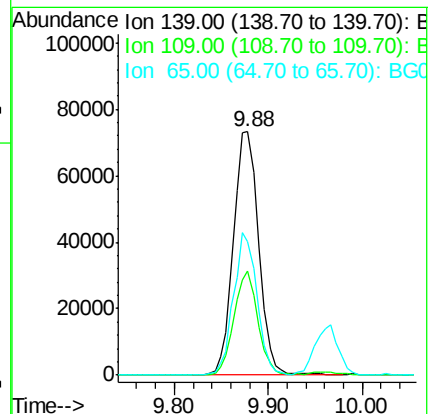
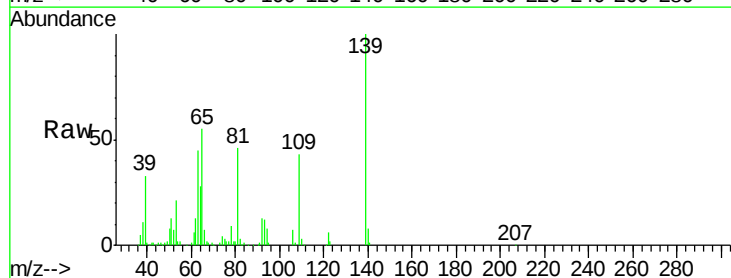
Tgt Ion: 139 Resp: 136956

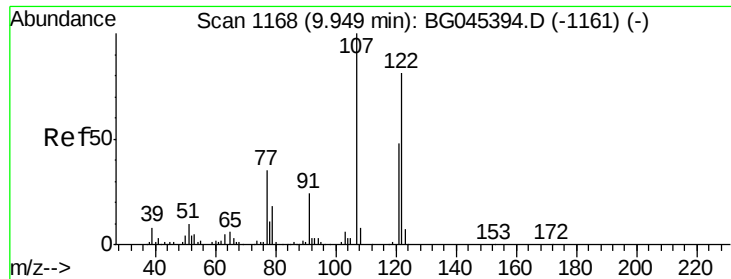
Ion Ratio Lower Upper

139 100

109 42.8 32.2 48.4

65 54.7 49.6 74.4

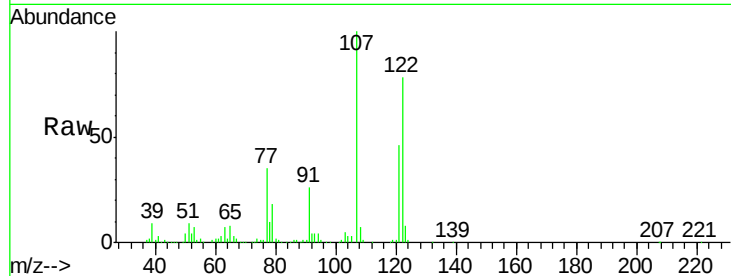




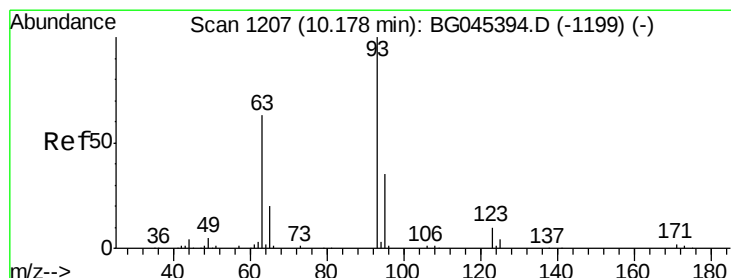
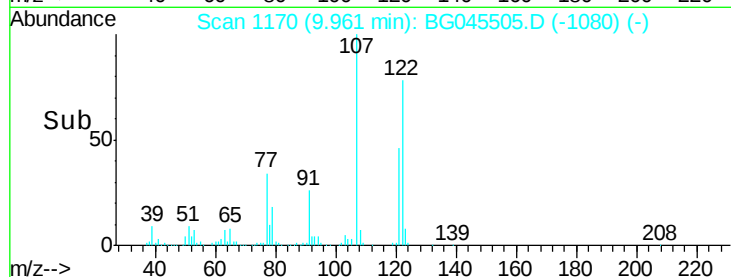
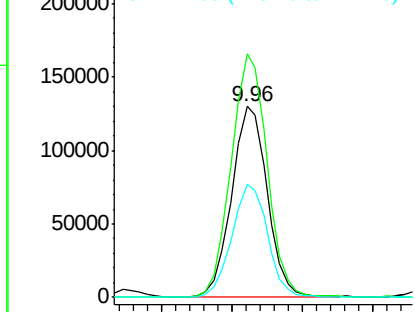
#27
 2,4-Dimethylphenol
 Concen: 58.246 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion:122 Resp: 229542
 Ion Ratio Lower Upper
 122 100
 107 127.7 99.0 148.4
 121 59.1 47.7 71.5

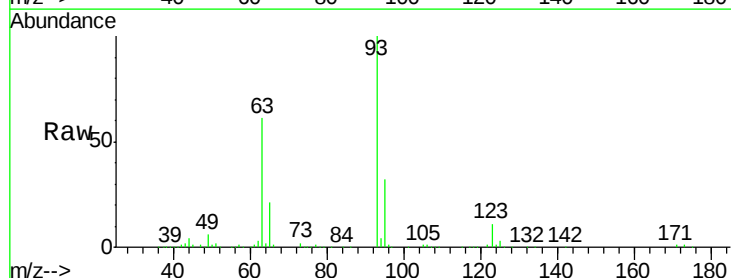


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

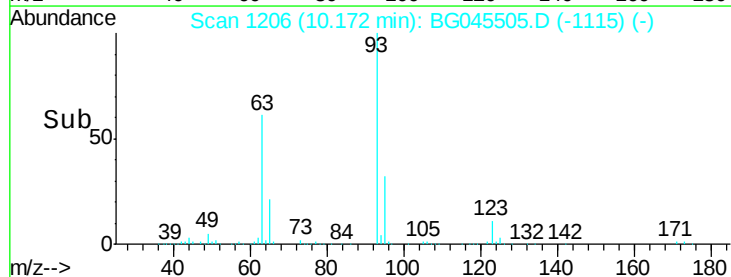
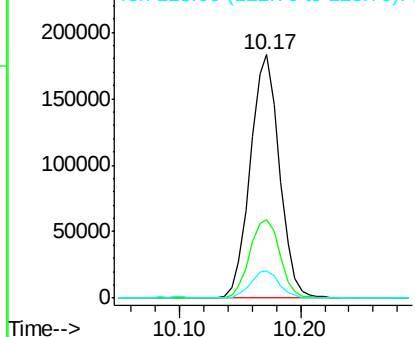


#28
 bis(2-Chloroethoxy)methane
 Concen: 51.603 ng
 RT: 10.17 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion: 93 Resp: 308983
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.6 41.4
 123 11.2 8.1 12.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

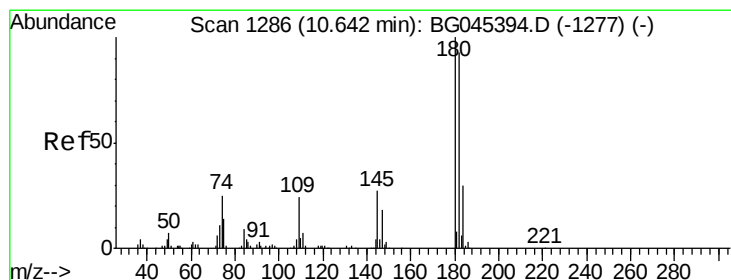
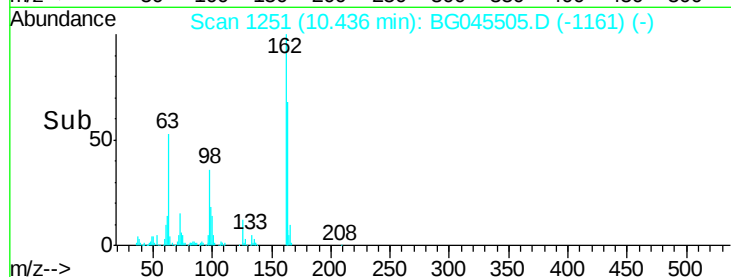
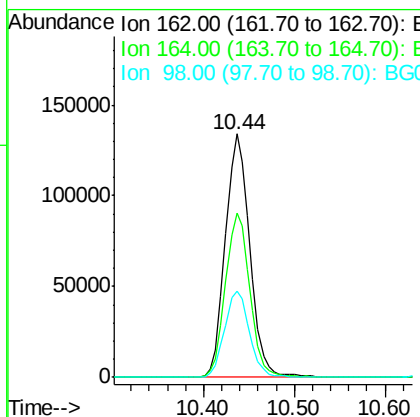
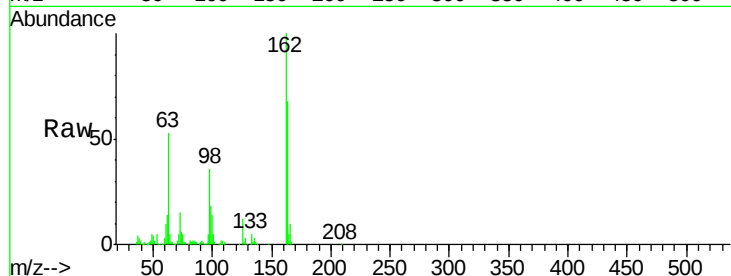




#29
 2,4-Dichlorophenol
 Concen: 54.000 ng
 RT: 10.44 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

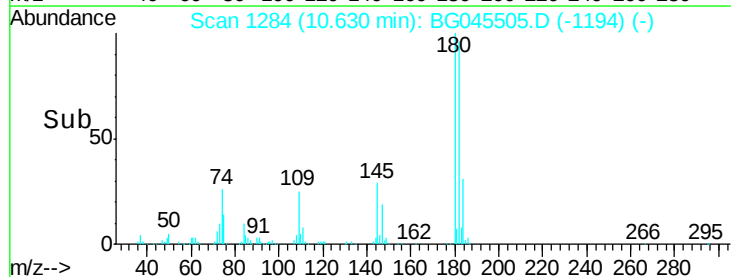
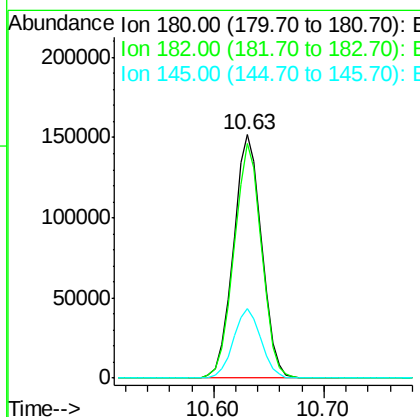
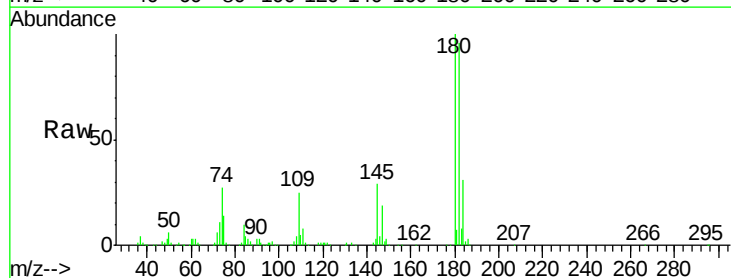
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

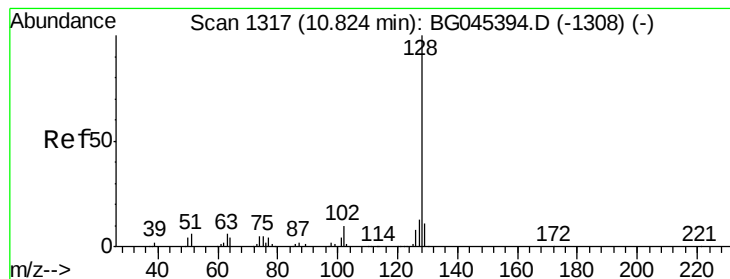
Tot Ion	162	Resp	251302
Ion Ratio		Lower	Upper
162	100		
164	67.7	46.8	86.8
98	35.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 49.400 ng
 RT: 10.63 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion	180	Resp	271651
Ion Ratio		Lower	Upper
180	100		
182	96.3	74.8	112.2
145	28.6	21.9	32.9

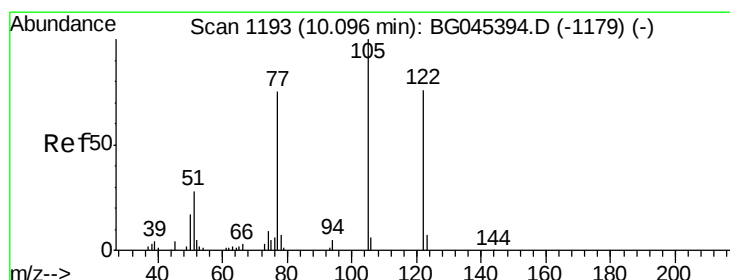
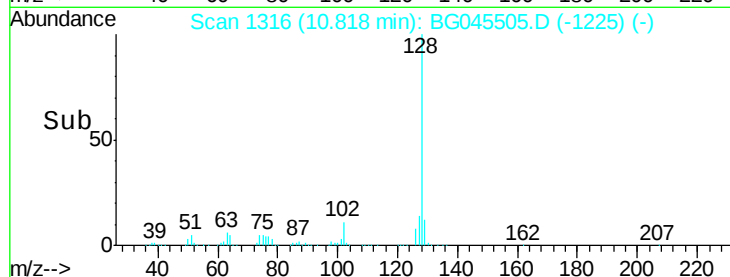
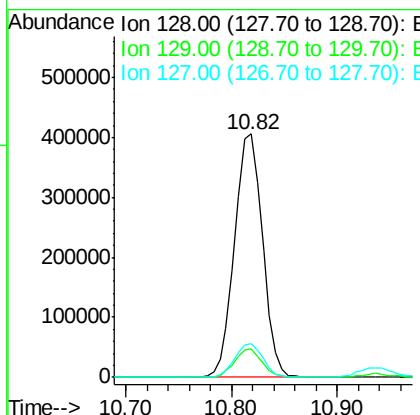
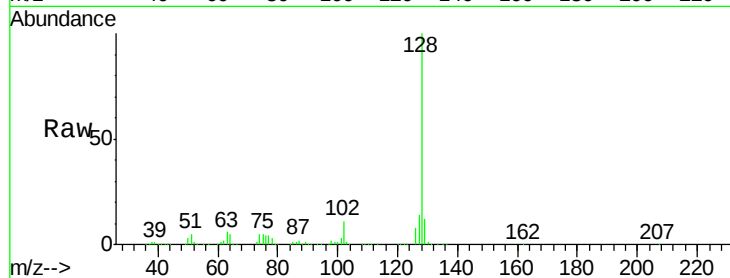




#31
Naphthalene
Concen: 50.485 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

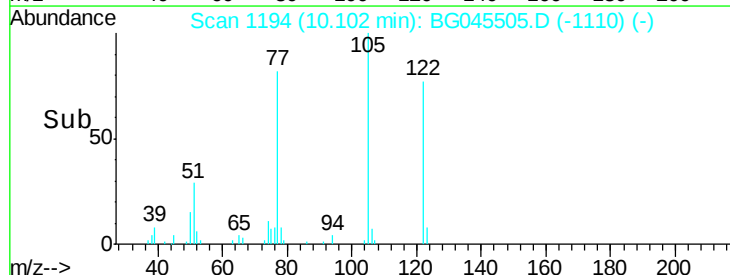
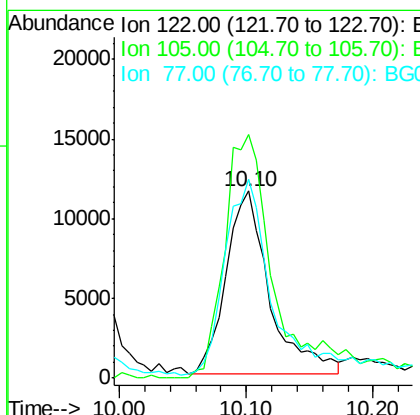
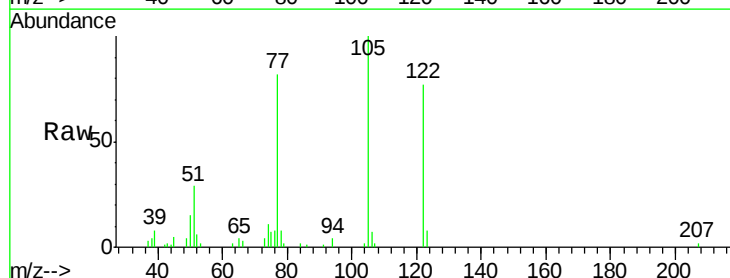
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion:128 Resp: 743750
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 14.0 10.7 16.1



#32
Benzoic acid
Concen: 18.112 ng
RT: 10.10 min Scan# 1194
Delta R.T. -0.04 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:122 Resp: 27404
Ion Ratio Lower Upper
122 100
105 130.2 107.9 147.9
77 106.2 78.9 118.9

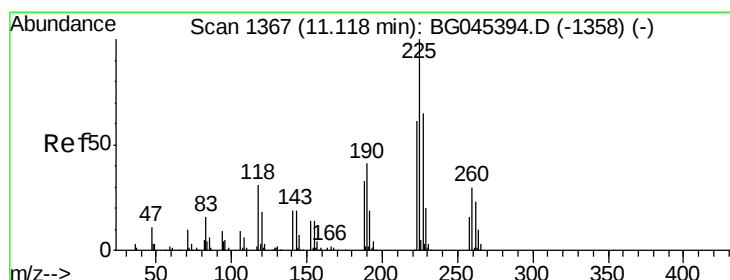
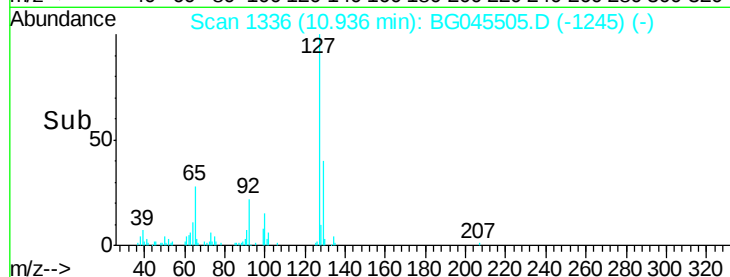
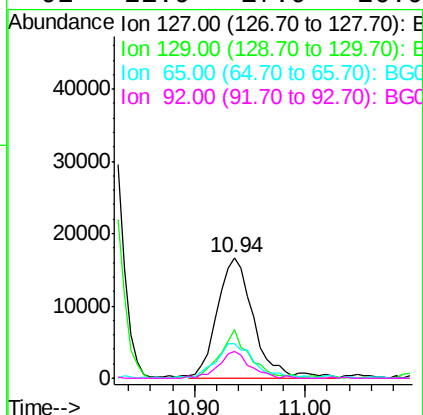
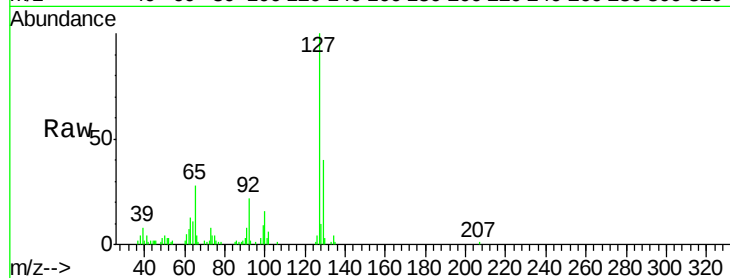




#33
4-Chloroaniline
Concen: 6.186 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

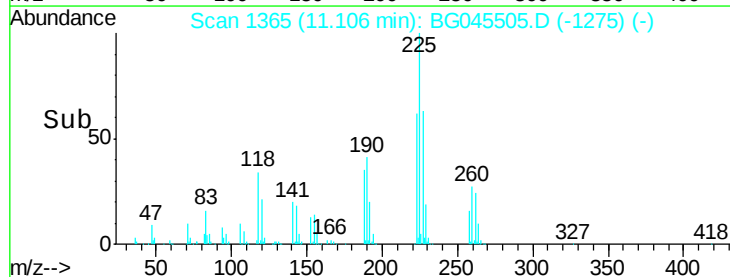
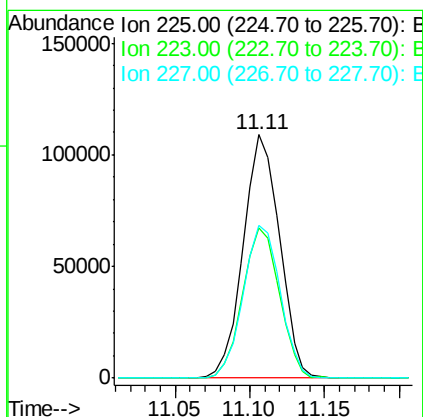
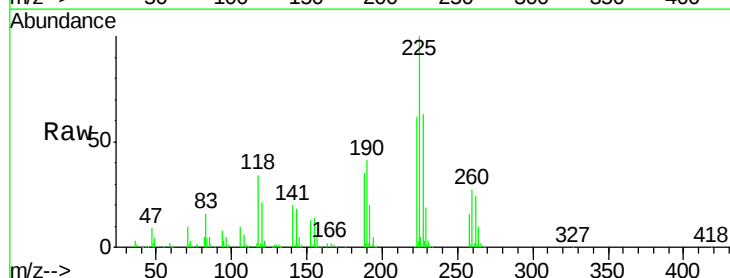
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

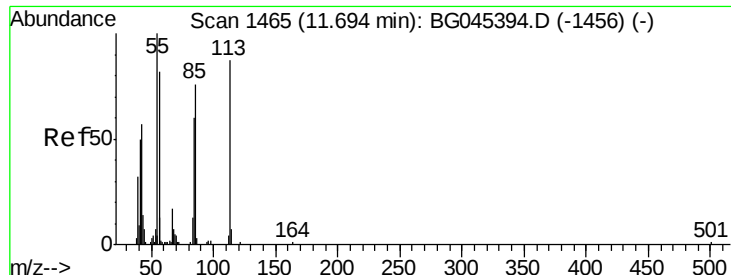
Tot Ion:	127	Resp:	38093
Ion	Ratio	Lower	Upper
127	100		
129	39.8	24.7	37.1#
65	28.2	26.2	39.2
92	21.9	17.9	26.9



#34
Hexachlorobutadiene
Concen: 47.253 ng
RT: 11.11 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:	225	Resp:	183677
Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.1	73.7
227	63.0	52.0	78.0





#35

Caprolactam

Concen: 21.239 ng

RT: 11.70 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

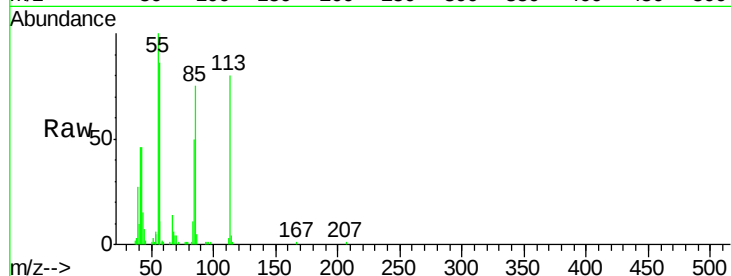
Tot Ion:113 Resp: 36280

Ion Ratio Lower Upper

113 100

55 124.5 96.0 136.0

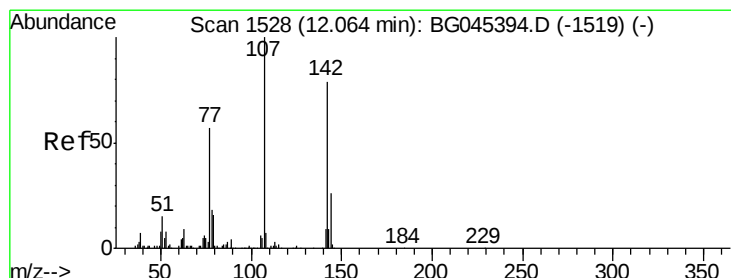
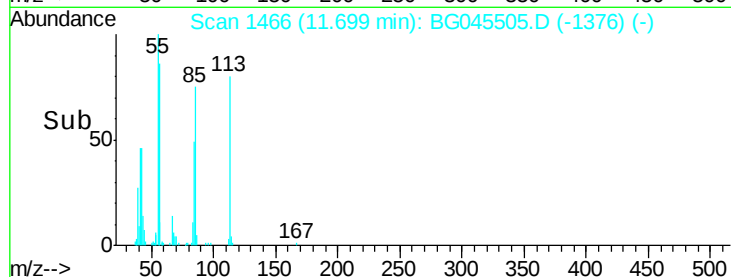
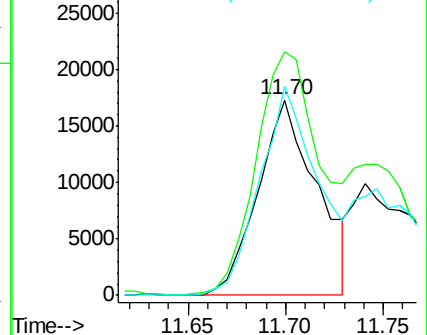
56 107.3 75.1 115.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.746 ng

RT: 12.09 min Scan# 1532

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

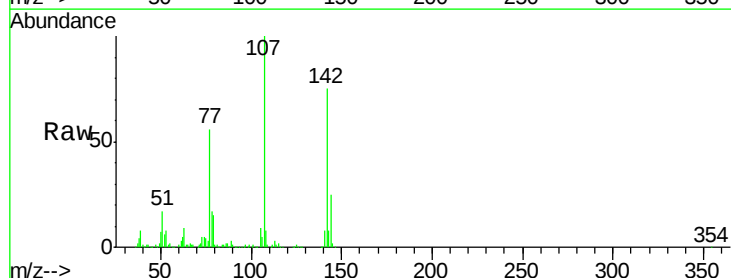
Tgt Ion:107 Resp: 276599

Ion Ratio Lower Upper

107 100

144 25.2 20.8 31.2

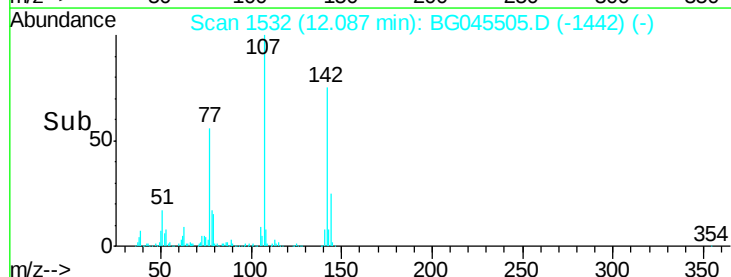
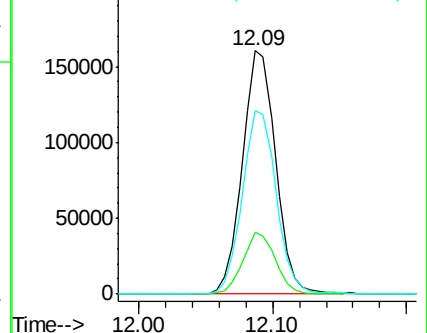
142 75.2 62.8 94.2

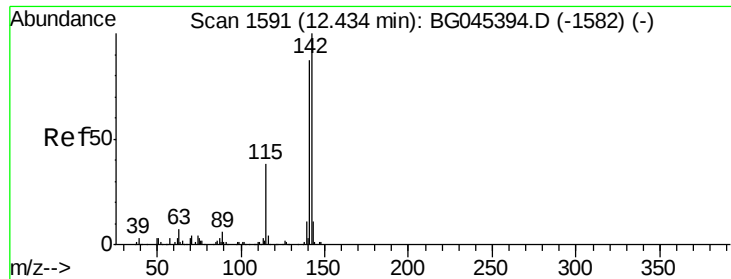


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

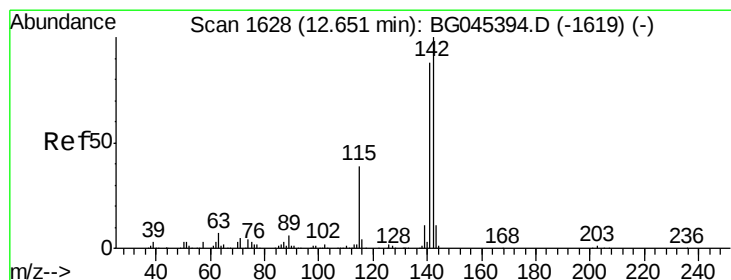
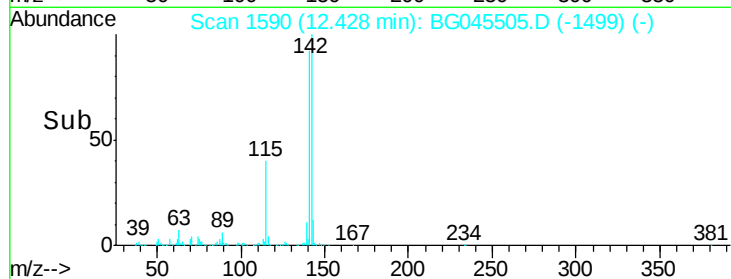
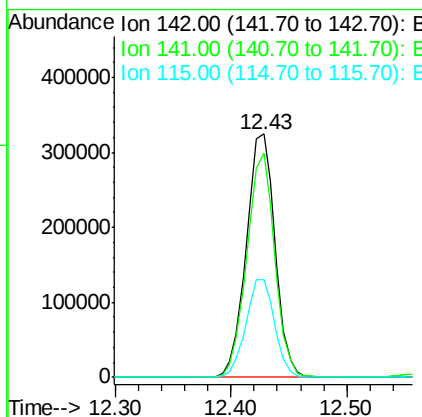
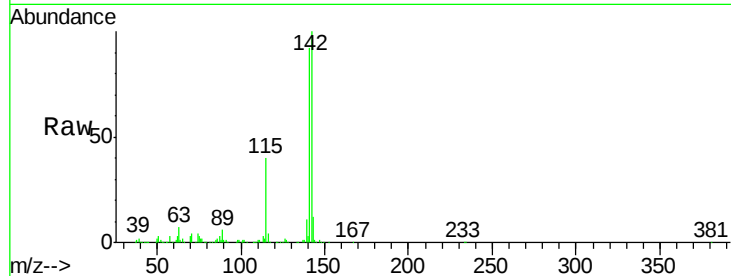




#37
2-Methylnaphthalene
Concen: 51.319 ng
RT: 12.43 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

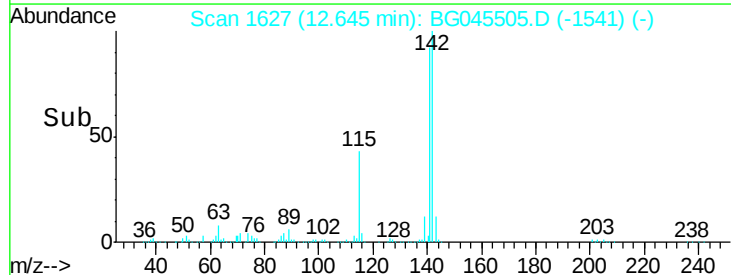
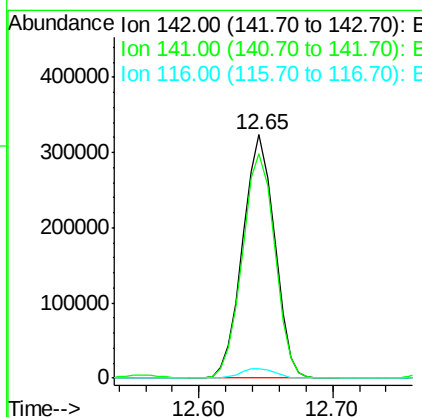
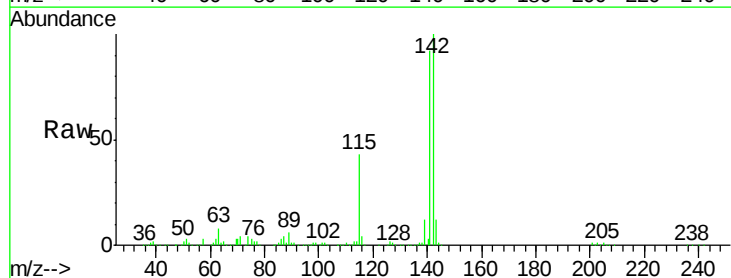
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.0	105.0
115	40.0	30.8	46.2



#38
1-Methylnaphthalene
Concen: 51.575 ng
RT: 12.65 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	70.8	106.2
116	4.0	3.0	4.6

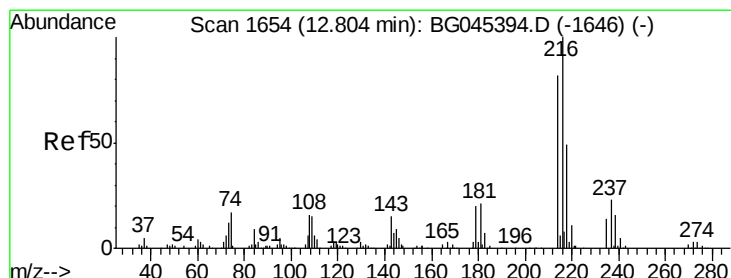
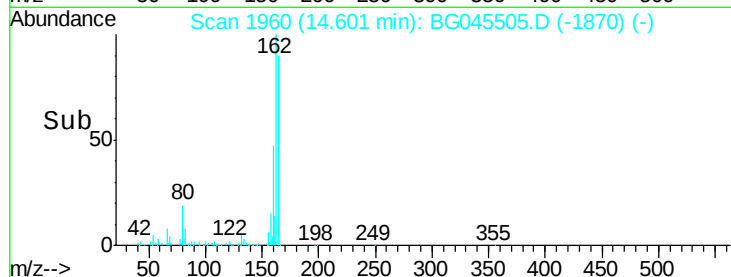
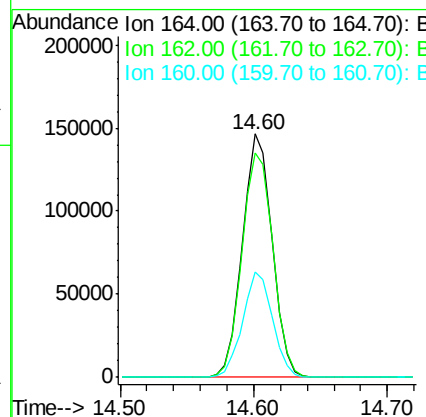
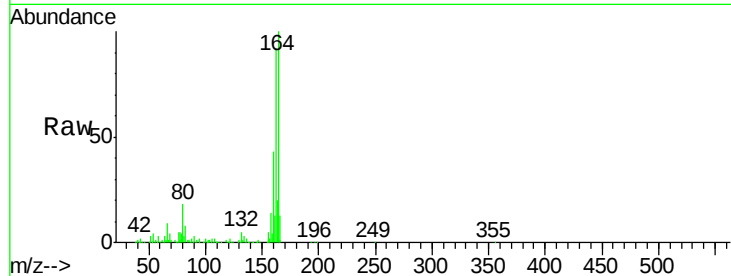




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

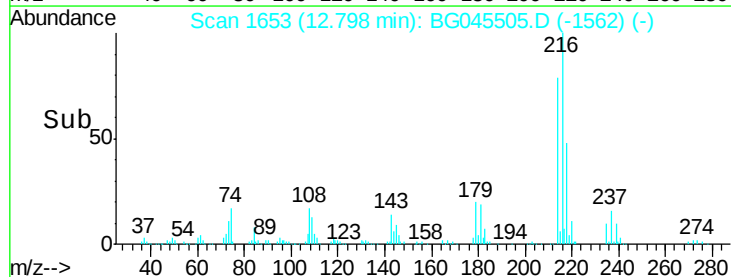
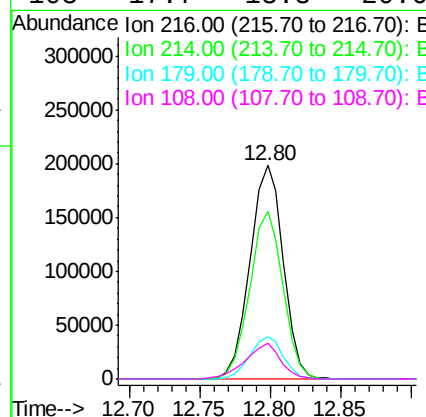
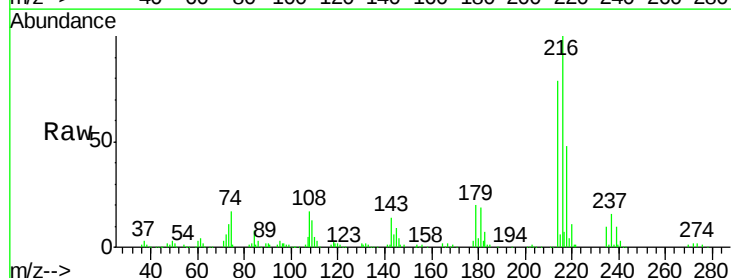
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

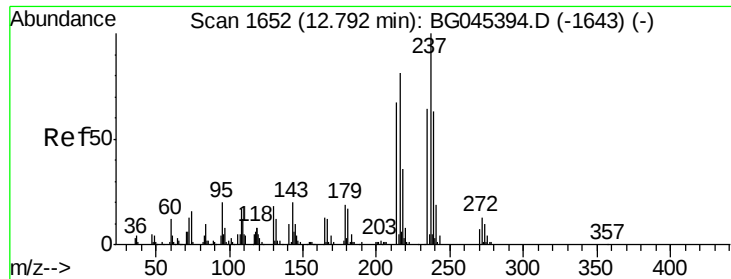
Tot Ion	Ratio	Lower	Upper
164	100		
162	92.3	76.9	115.3
160	43.4	33.8	50.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.199 ng
RT: 12.80 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.7	95.5
179	19.8	16.1	24.1
108	17.7	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 72.702 ng

RT: 12.78 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

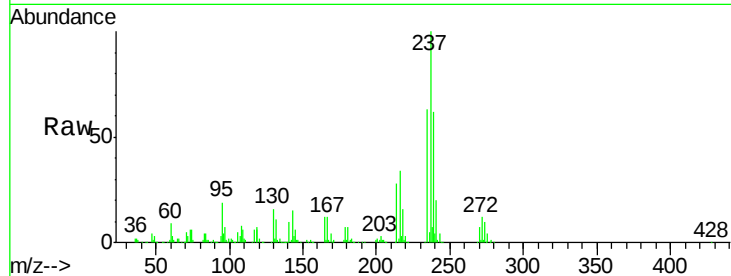
Tot Ion:237 Resp: 263784

Ion Ratio Lower Upper

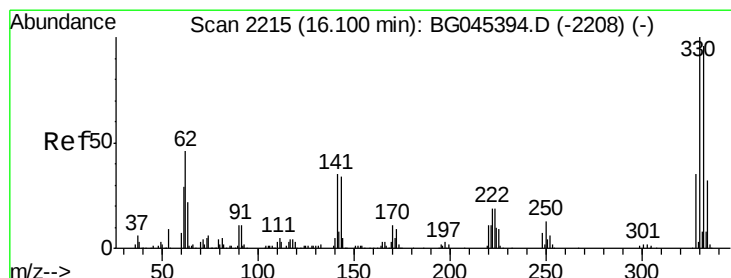
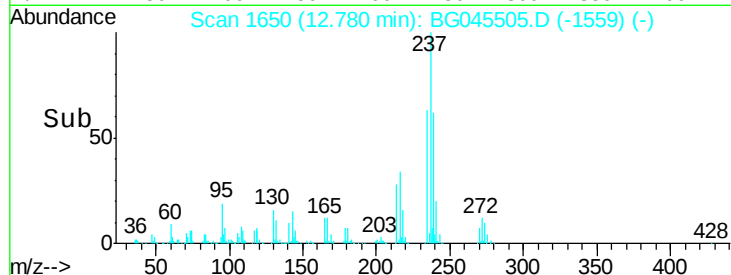
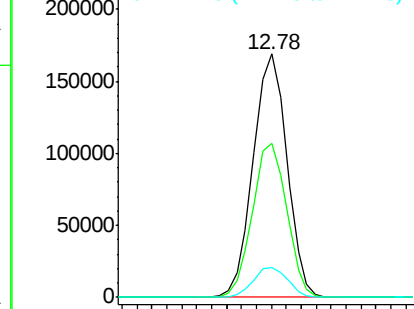
237 100

235 63.3 44.4 84.4

272 12.1 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 153.004 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

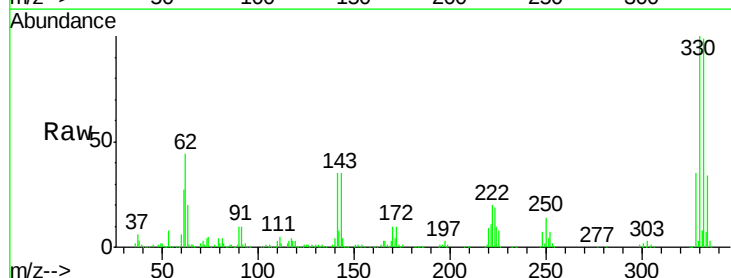
Tgt Ion:330 Resp: 440381

Ion Ratio Lower Upper

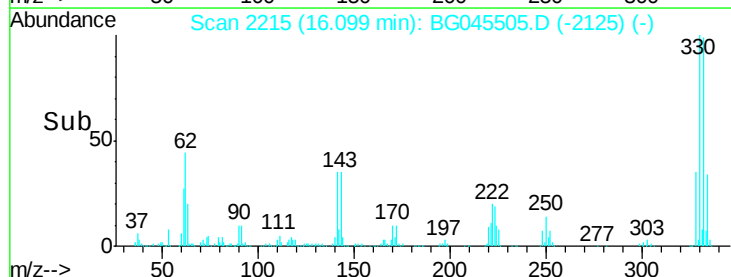
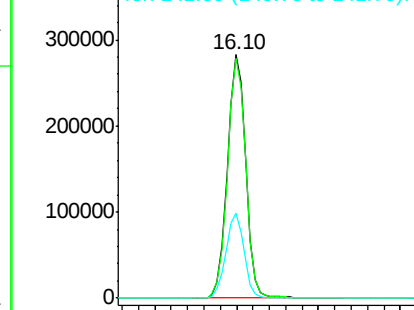
330 100

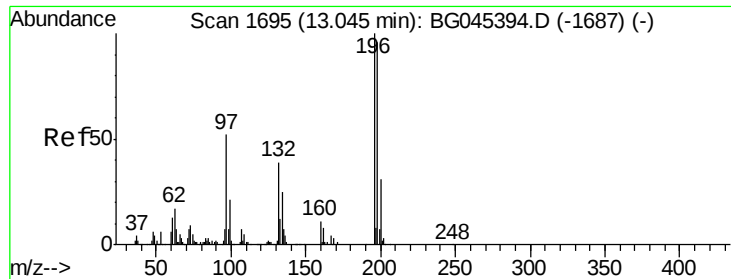
332 97.9 78.2 117.4

141 34.2 28.2 42.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

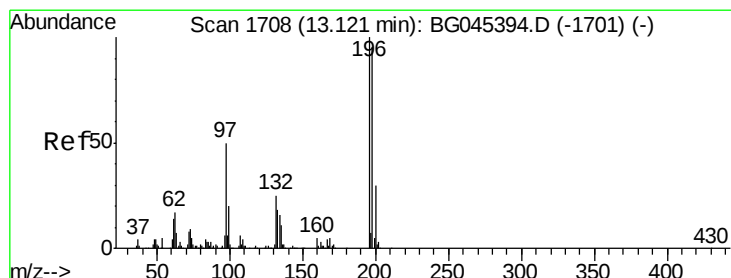
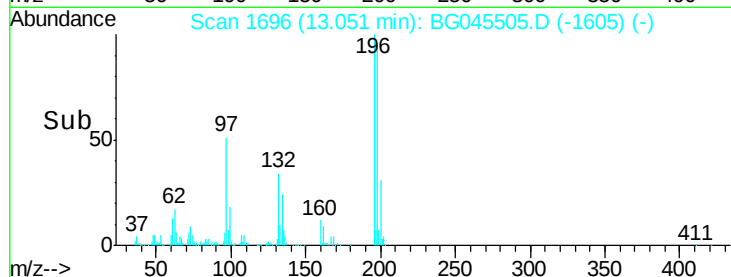
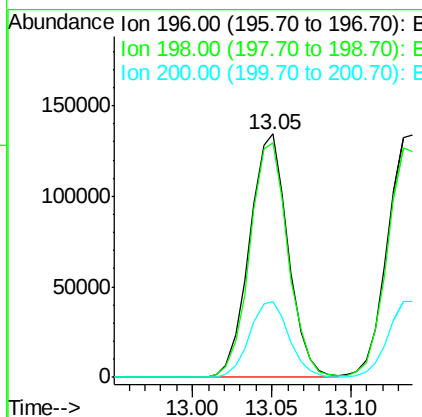
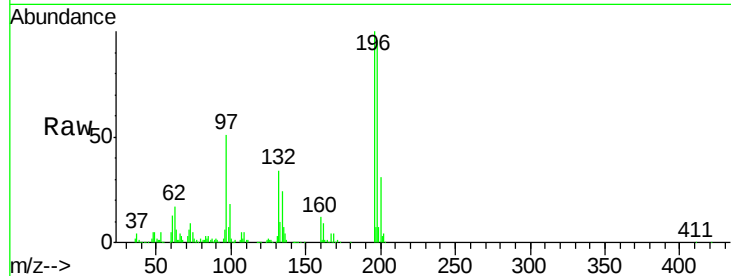




#43
 2,4,6-Trichlorophenol
 Concen: 52.040 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

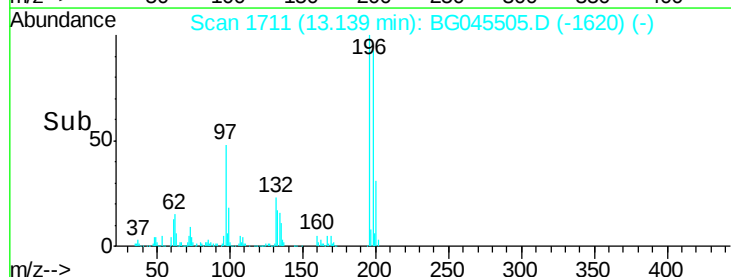
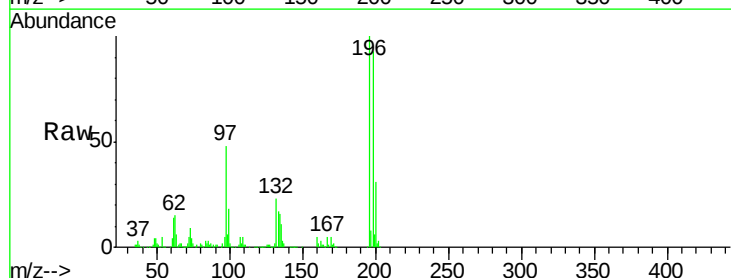
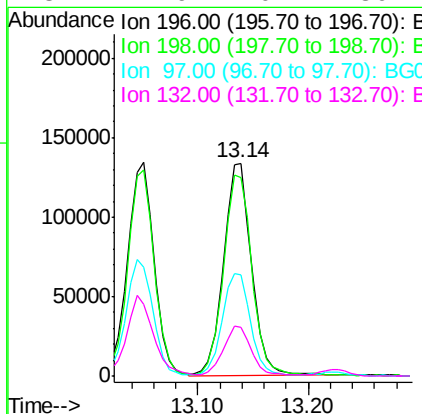
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

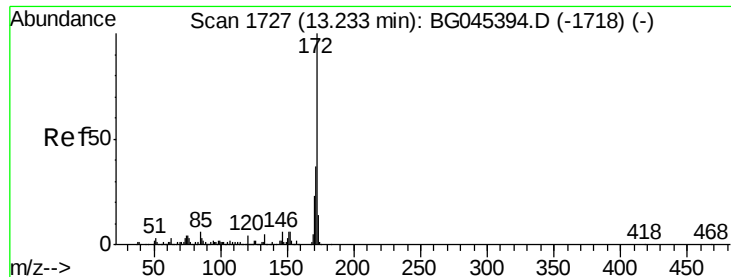
Tot Ion:196 Resp: 227248
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.7 115.1
 200 31.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 47.310 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion:196 Resp: 236080
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.1 114.1
 97 47.6 40.0 60.0
 132 22.9 20.2 30.2

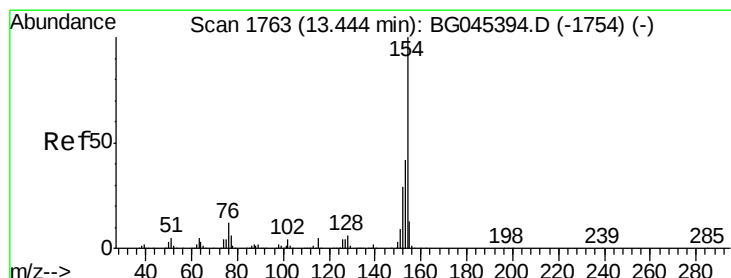
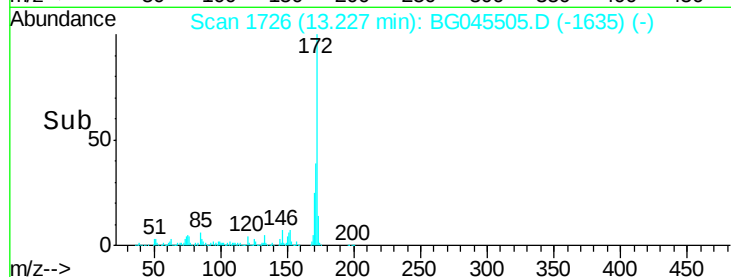
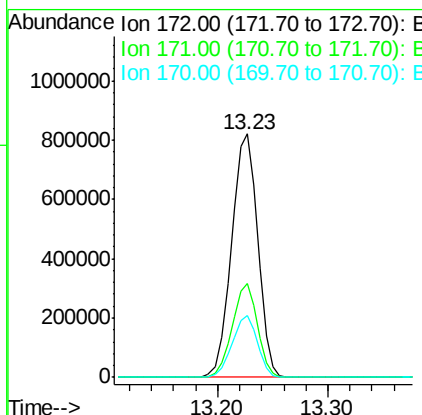
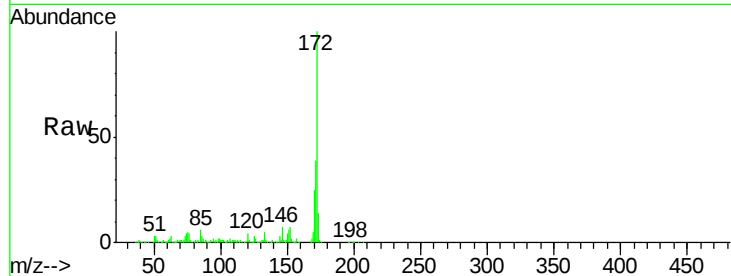




#45
2-Fluorobiphenyl
Concen: 103.026 ng
RT: 13.23 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

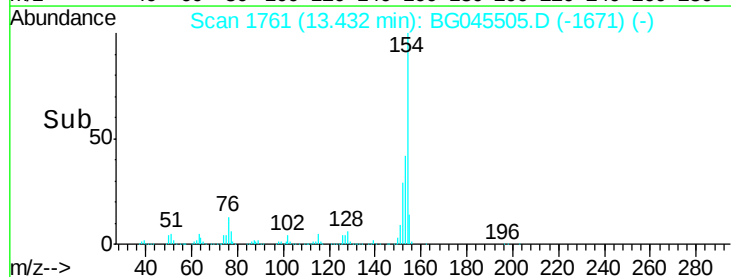
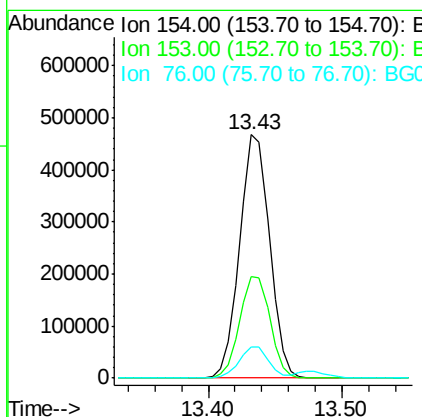
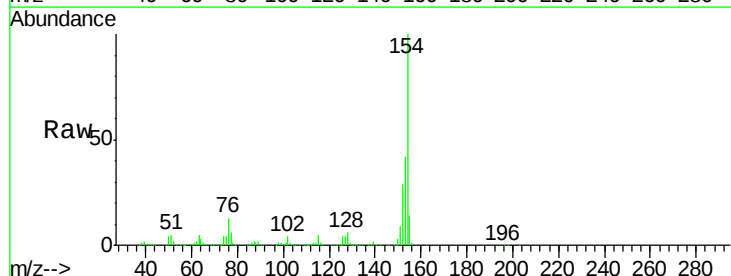
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

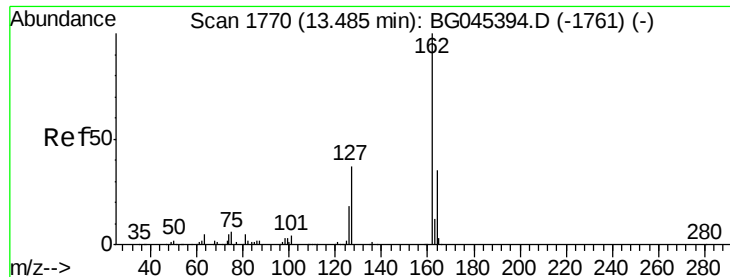
Tot Ion:172 Resp: 1366983
Ion Ratio Lower Upper
172 100
171 38.5 29.5 44.3
170 25.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 52.600 ng
RT: 13.43 min Scan# 1761
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:154 Resp: 727400
Ion Ratio Lower Upper
154 100
153 41.6 22.2 62.2
76 12.7 0.0 32.4

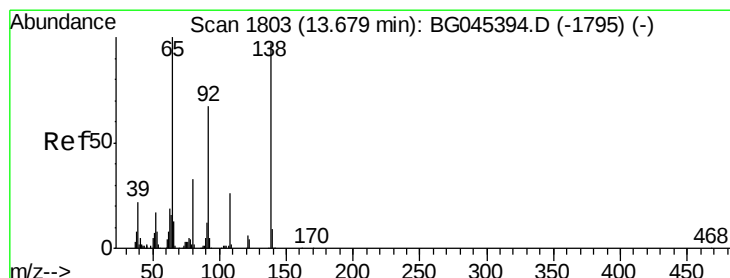
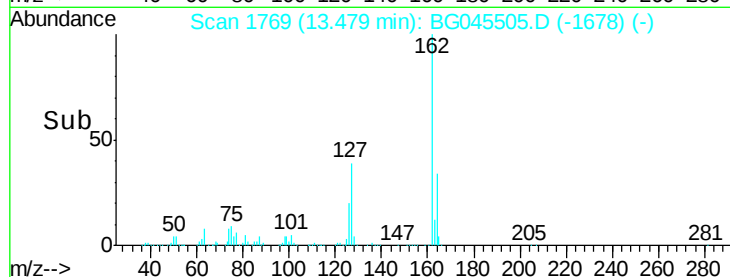
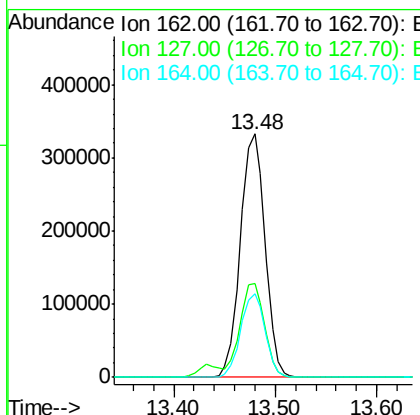
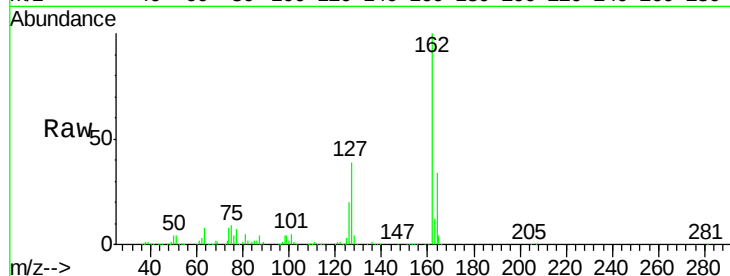




#47
2-Chloronaphthalene
Concen: 50.007 ng
RT: 13.48 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

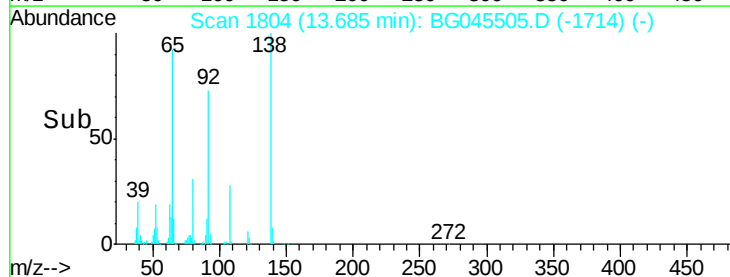
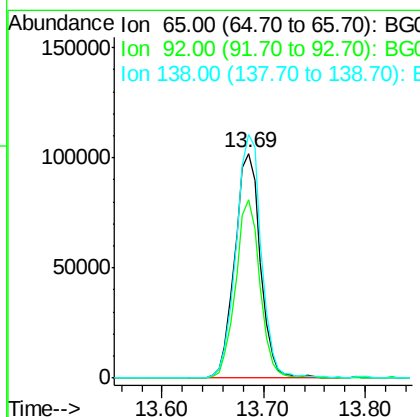
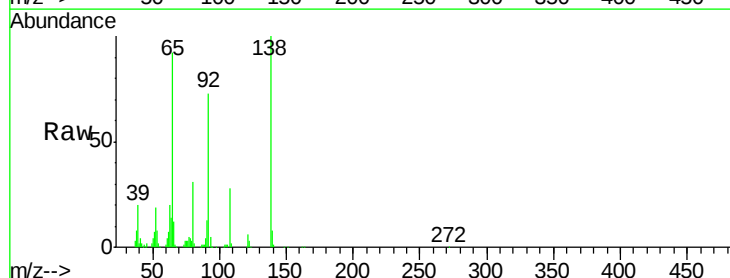
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

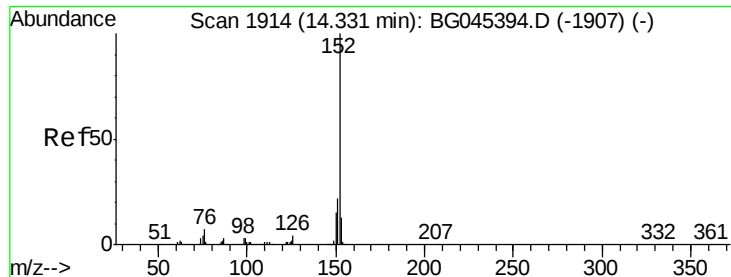
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	31.6	47.4
164	34.1	28.1	42.1



#48
2-Nitroaniline
Concen: 48.632 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	79.3	53.8	80.8
138	108.3	77.9	116.9





#49

Acenaphthylene

Concen: 50.873 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

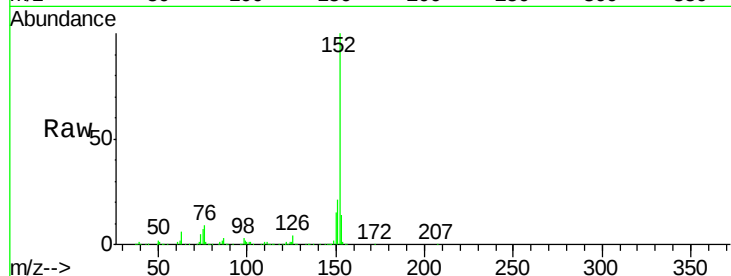
Tot Ion:152 Resp: 917615

Ion Ratio Lower Upper

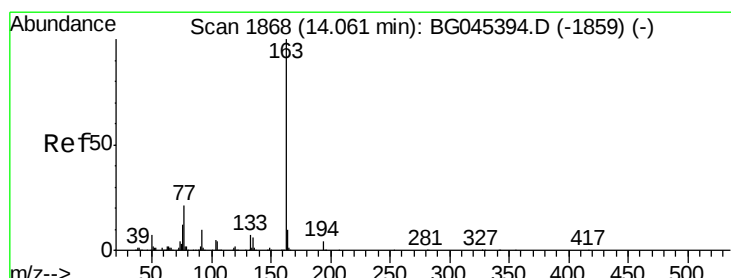
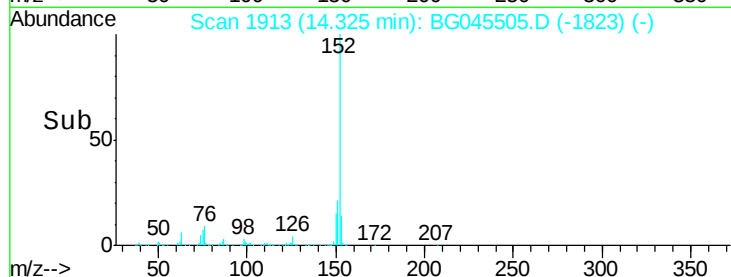
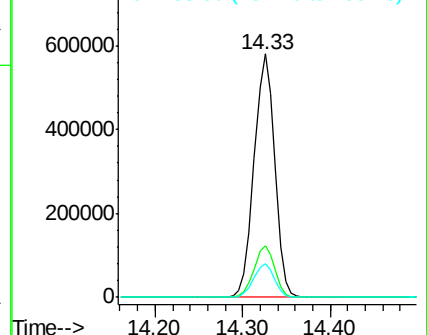
152 100

151 21.4 17.4 26.2

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 57.416 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

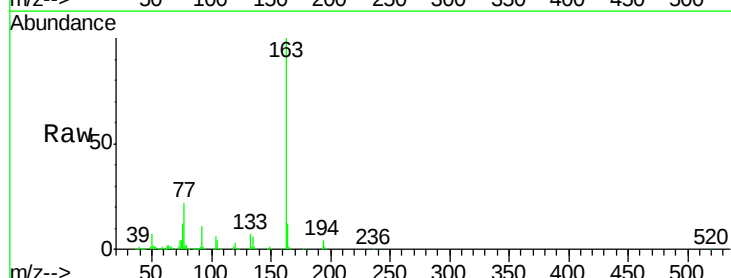
Tgt Ion:163 Resp: 886427

Ion Ratio Lower Upper

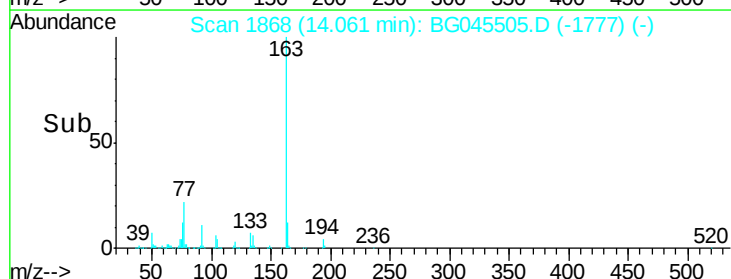
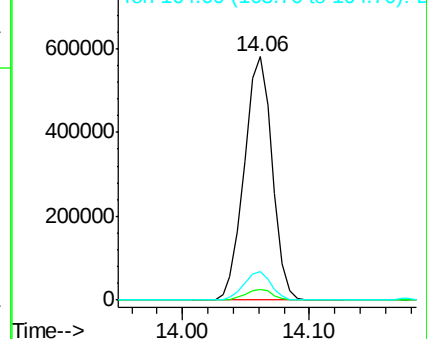
163 100

194 4.4 3.2 4.8

164 11.7 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

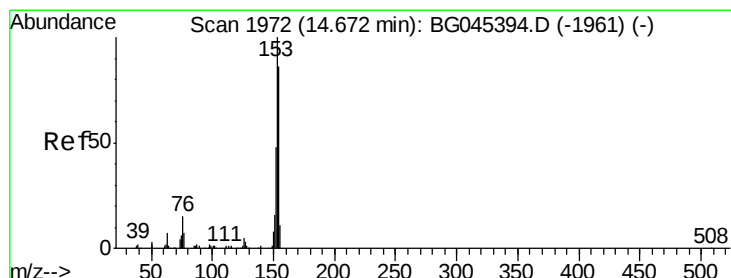
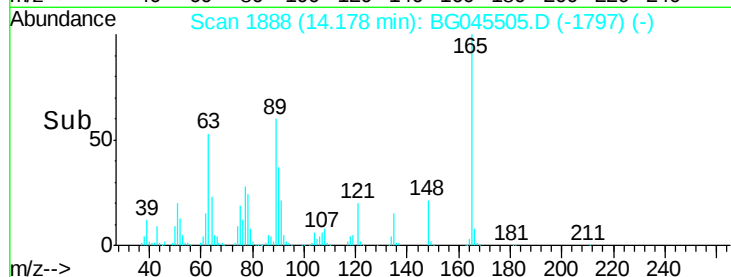
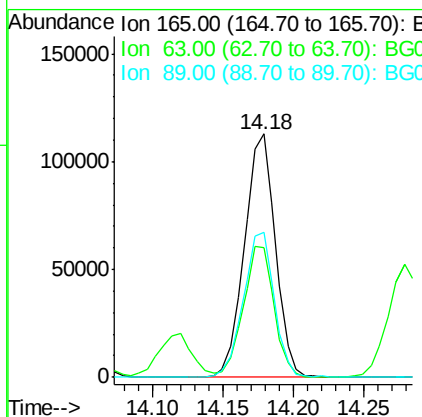
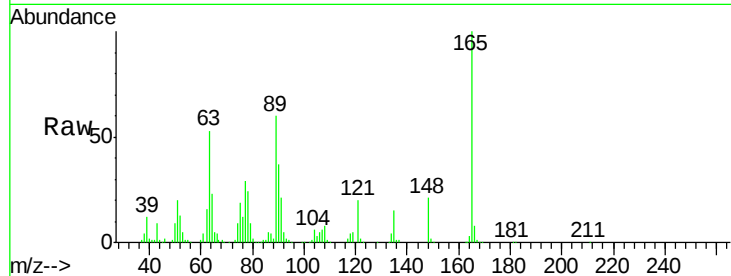




#51
 2,6-Dinitrotoluene
 Concen: 49.772 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

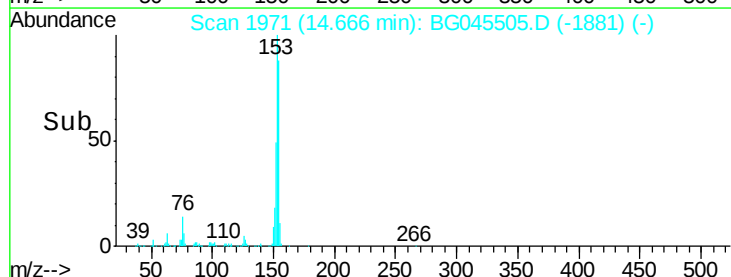
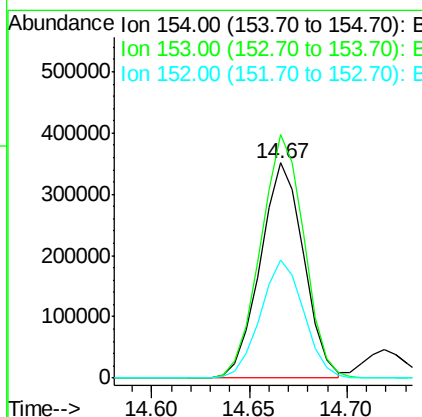
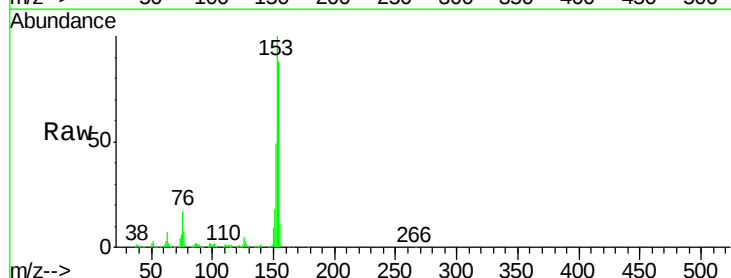
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

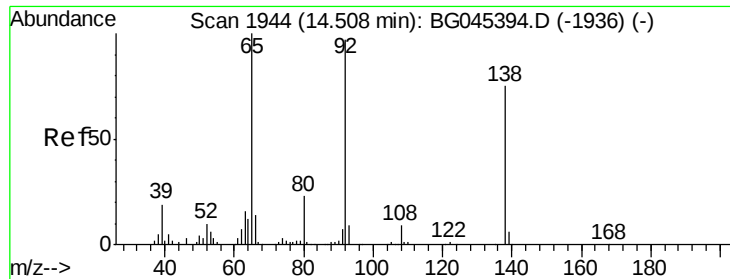
Tot Ion:165 Resp: 173394
 Ion Ratio Lower Upper
 165 100
 63 53.4 45.0 67.4
 89 59.8 50.2 75.4



#52
 Acenaphthene
 Concen: 44.794 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion:154 Resp: 540843
 Ion Ratio Lower Upper
 154 100
 153 113.2 92.8 139.2
 152 55.1 44.6 66.8

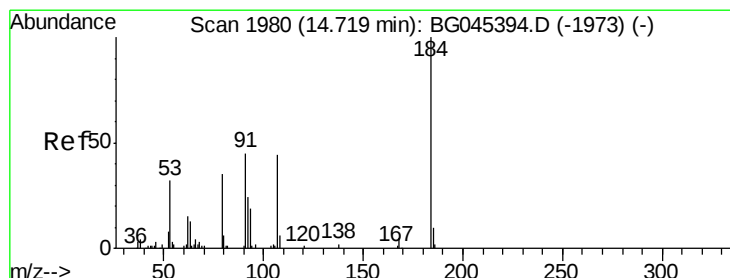
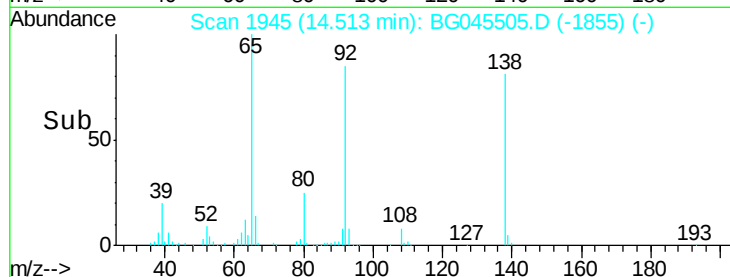
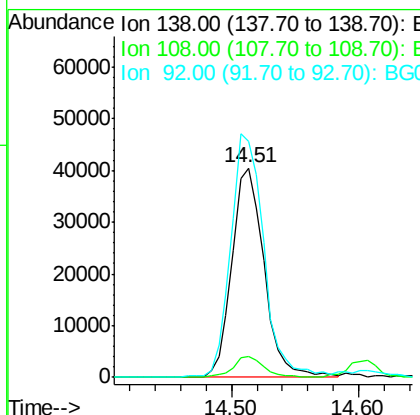
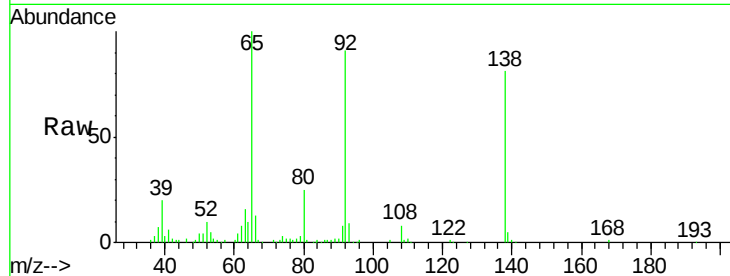




#53
 3-Nitroaniline
 Concen: 20.084 ng
 RT: 14.51 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

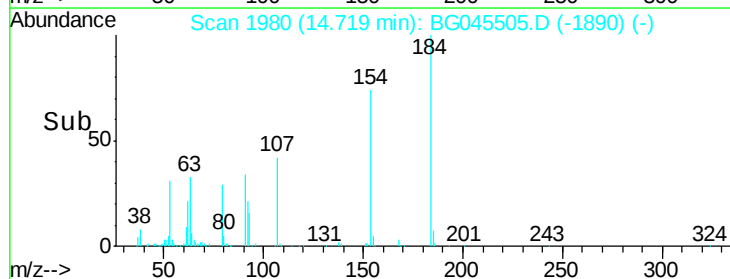
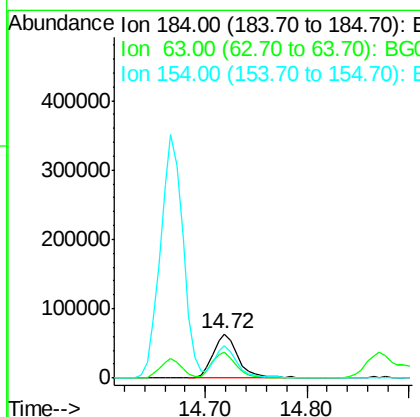
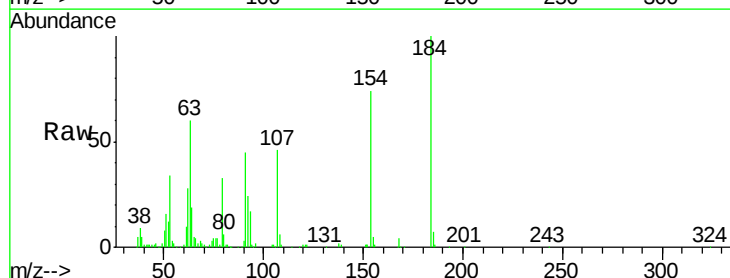
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

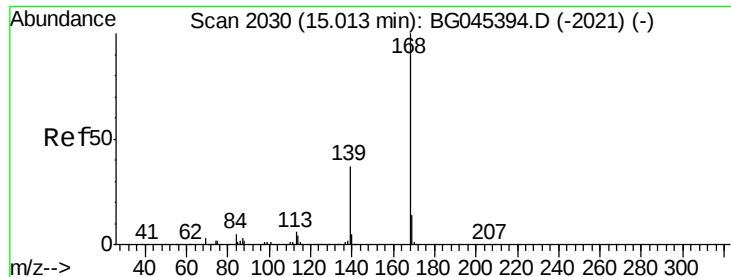
Tot Ion:138 Resp: 71127
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.8 14.6
 92 112.5 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 50.568 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion:184 Resp: 110482
 Ion Ratio Lower Upper
 184 100
 63 59.8 47.8 71.6
 154 73.7 58.3 87.5

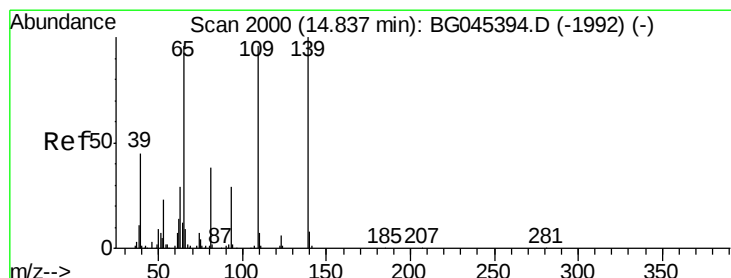
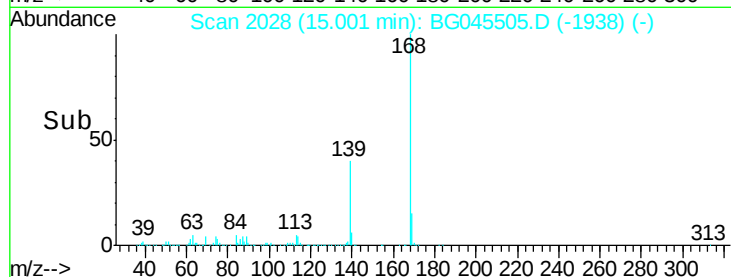
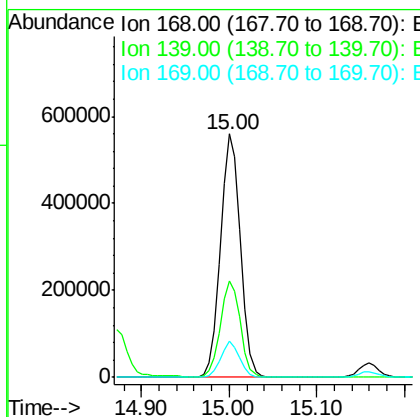
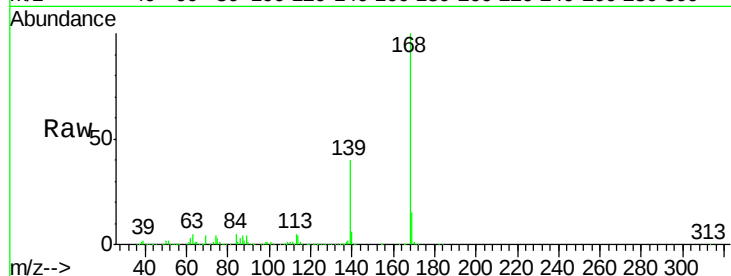




#55
Dibenzenofuran
Concen: 49.121 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

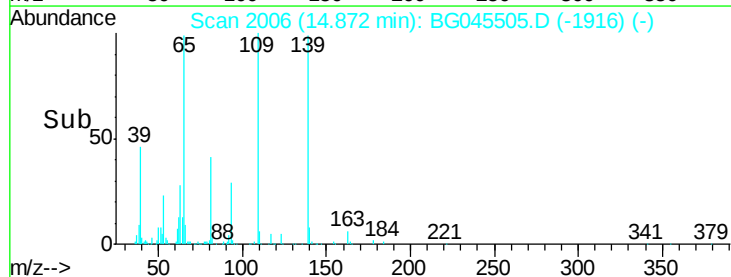
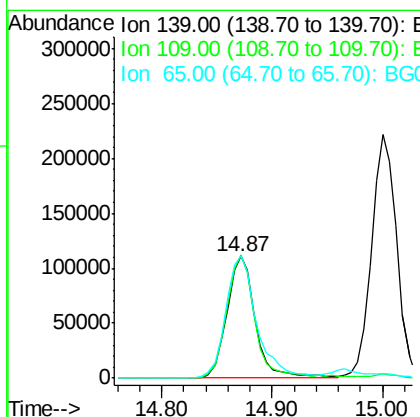
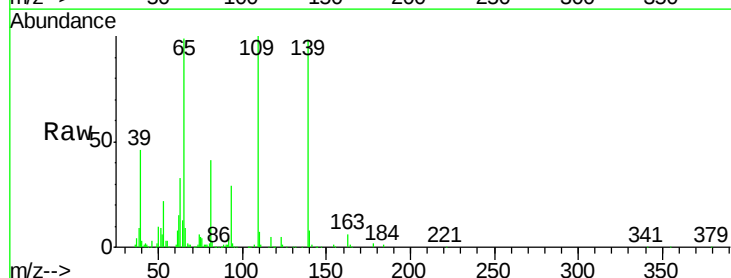
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

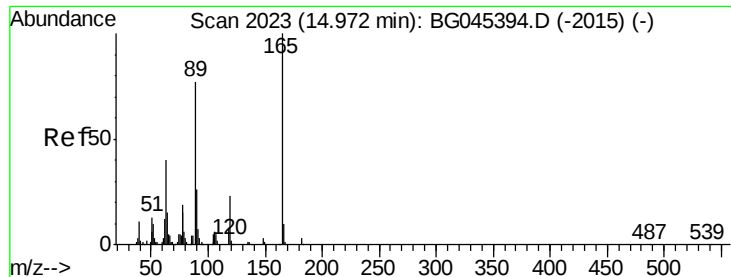
Tot Ion:168 Resp: 880733
Ion Ratio Lower Upper
168 100
139 39.6 29.9 44.9
169 14.8 10.9 16.3



#56
4-Nitrophenol
Concen: 74.666 ng
RT: 14.87 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:139 Resp: 200194
Ion Ratio Lower Upper
139 100
109 101.7 75.6 115.6
65 100.7 76.8 116.8

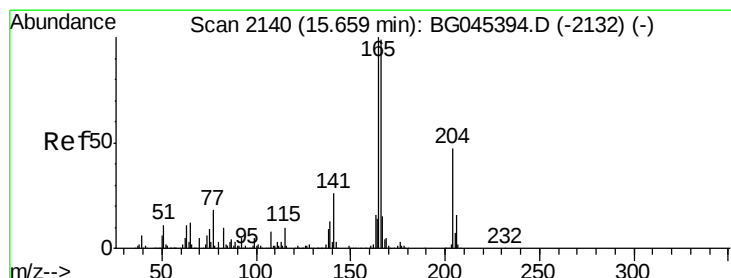
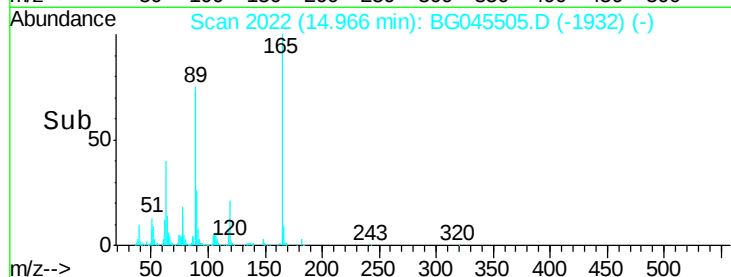
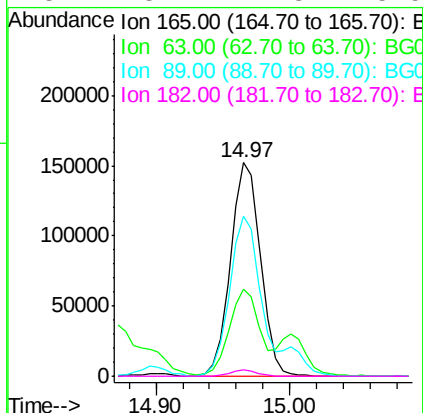
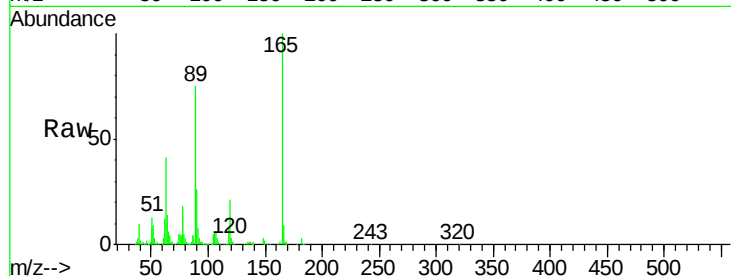




#57
2,4-Dinitrotoluene
Concen: 47.234 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

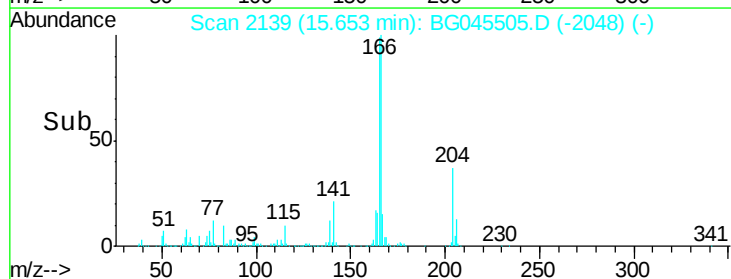
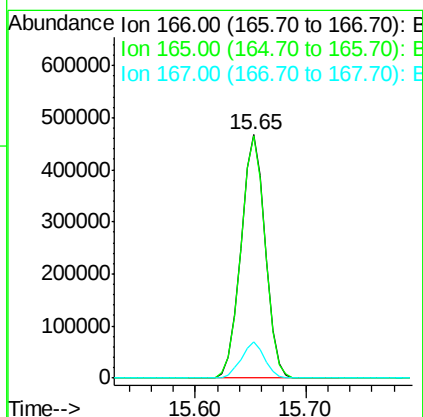
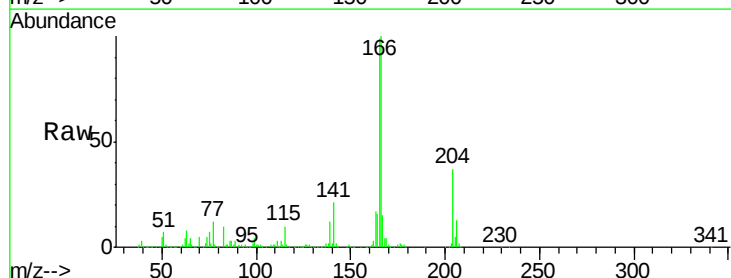
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

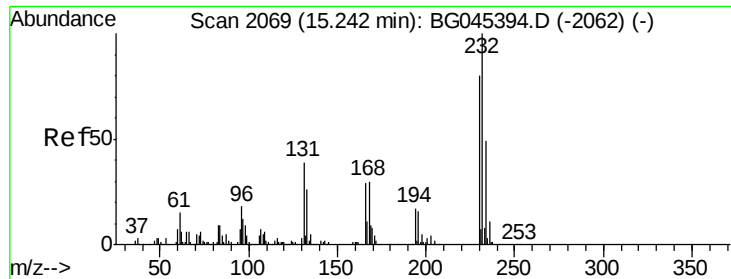
Tot Ion:165	Resp: 238315
Ion Ratio	Lower Upper
165 100	
63 40.6	32.5 48.7
89 74.9	61.8 92.6
182 3.2	2.3 3.5



#58
Fluorene
Concen: 48.718 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:166	Resp: 717635
Ion Ratio	Lower Upper
166 100	
165 99.5	80.8 121.2
167 14.8	12.0 18.0

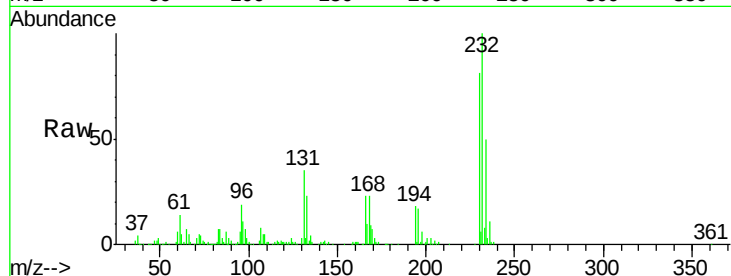




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.192 ng
 RT: 15.16 min Scan# 2055
 Delta R.T. -0.08 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion:232	Resp:	211574
Ion Ratio	Lower	Upper
232	100	
131	36.3	33.7 50.5
130	2.4	2.1 3.1
166	23.4	23.2 34.8

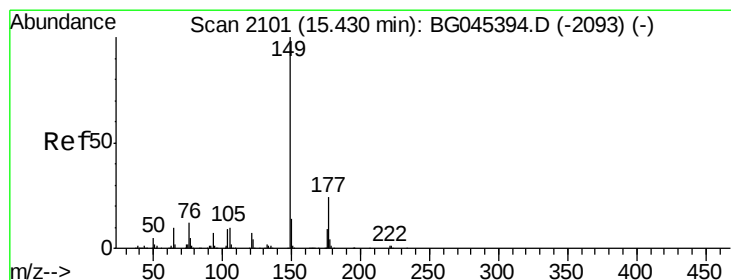
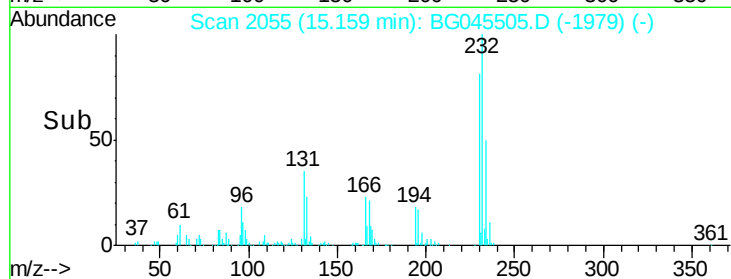
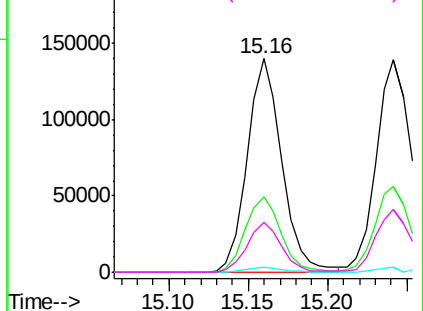


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

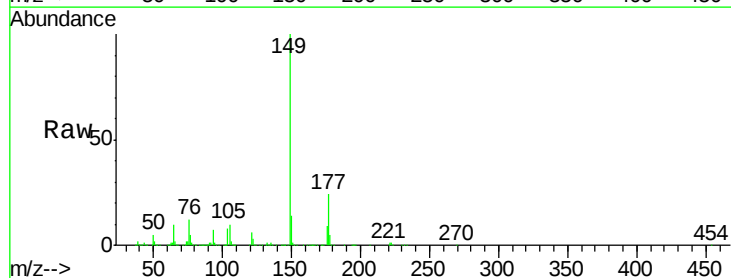
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 47.071 ng
 RT: 15.42 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

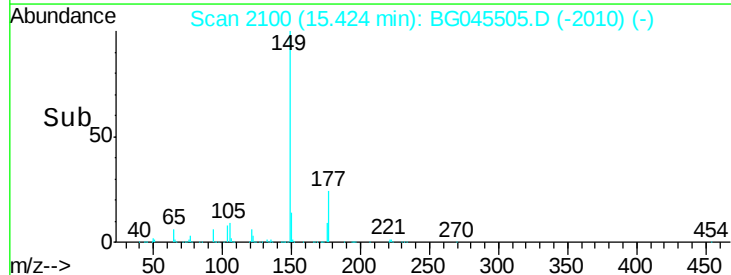
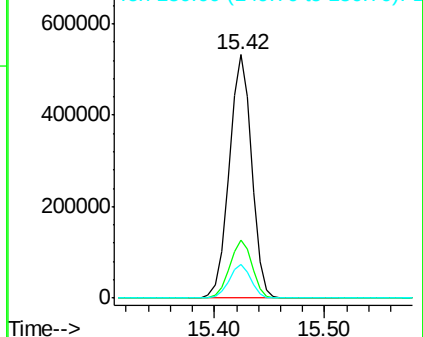
Tgt Ion:149	Resp:	756400
Ion Ratio	Lower	Upper
149	100	
177	23.9	19.0 28.4
150	13.6	11.4 17.0

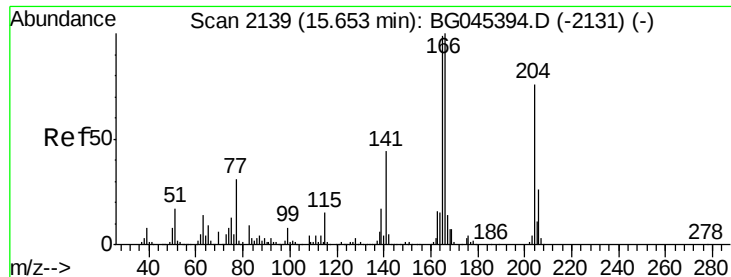


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

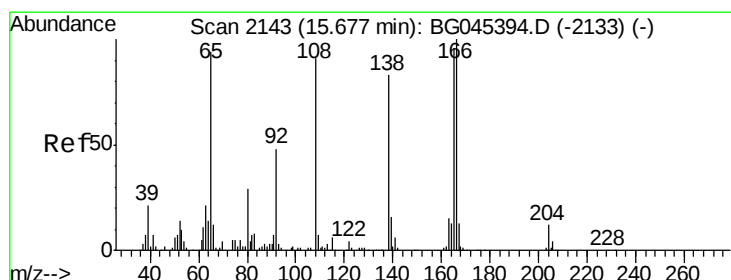
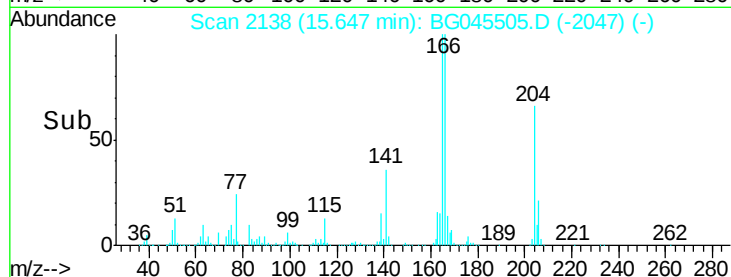
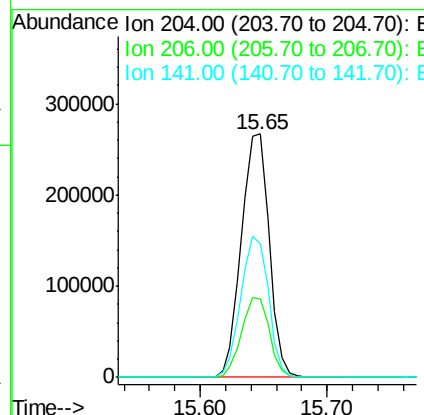
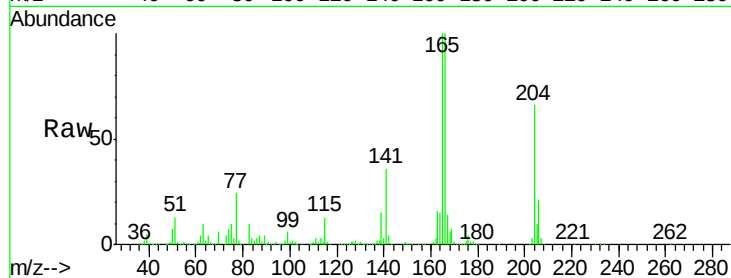




#61
4-Chlorophenyl-phenylether
Concen: 48.109 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

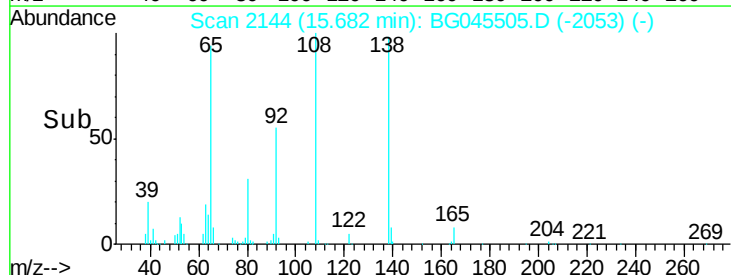
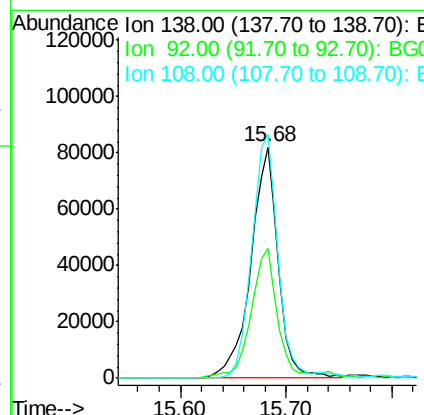
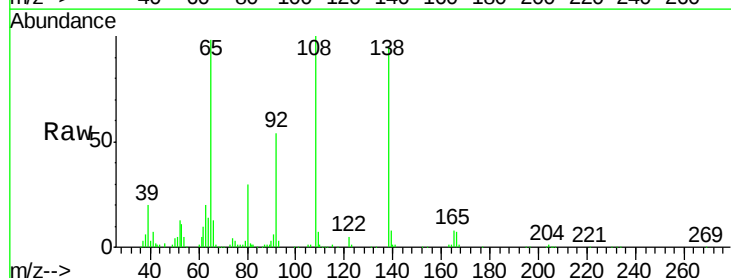
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

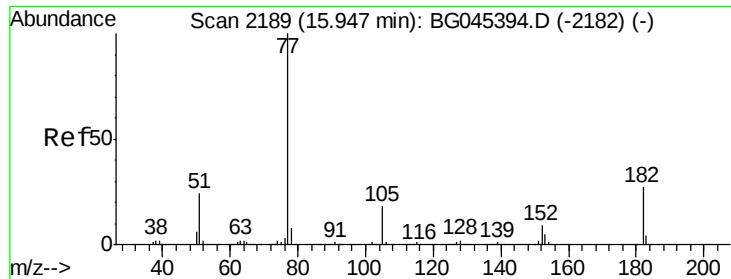
Tot Ion:204 Resp: 405520
Ion Ratio Lower Upper
204 100
206 32.3 27.3 40.9
141 54.7 45.9 68.9



#62
4-Nitroaniline
Concen: 40.121 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:138 Resp: 148332
Ion Ratio Lower Upper
138 100
92 56.3 38.0 78.0
108 105.3 89.3 129.3





#63

Azobenzene

Concen: 48.029 ng

RT: 15.93 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

Tot Ion: 77 Resp: 719655

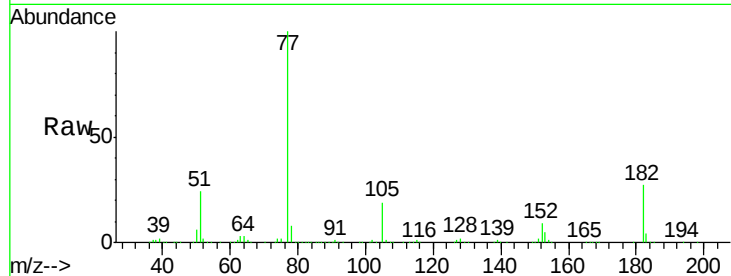
Ion Ratio Lower Upper

77 100

182 27.5 6.5 46.5

105 18.8 0.0 37.9

51 24.3 4.1 44.1

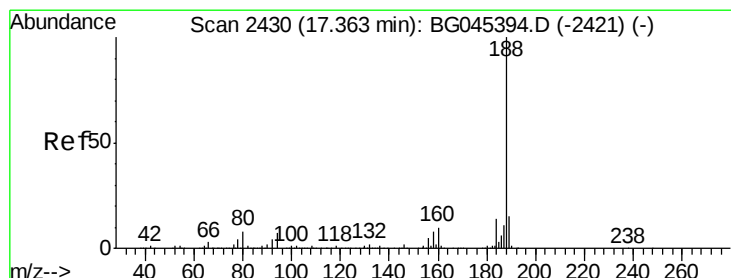
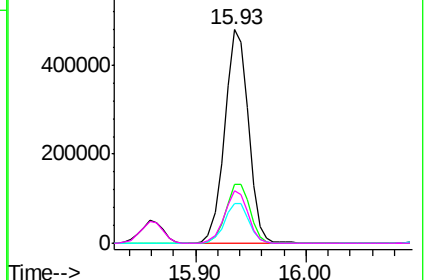
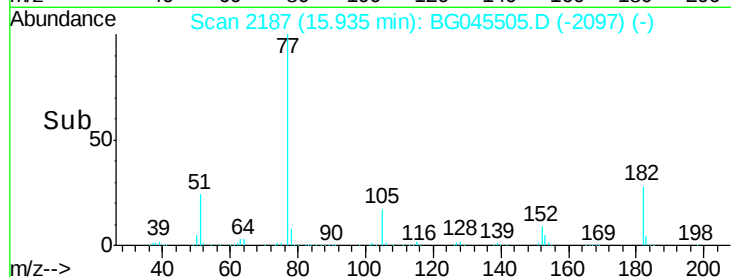


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

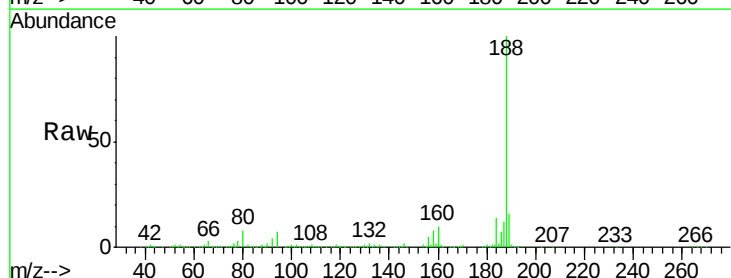
Tgt Ion: 188 Resp: 492621

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

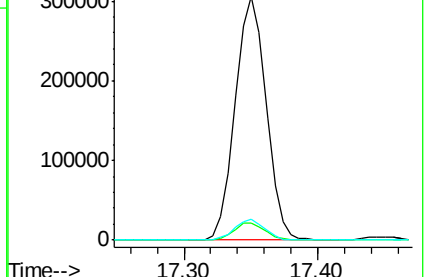
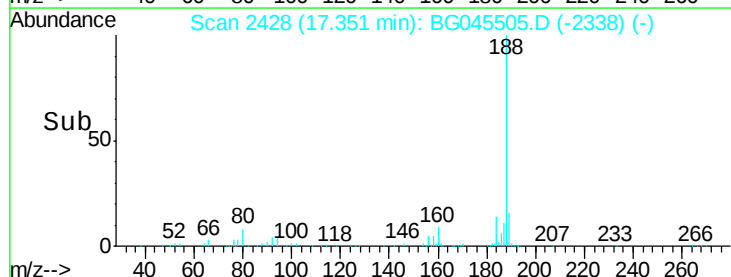
80 8.5 6.6 10.0

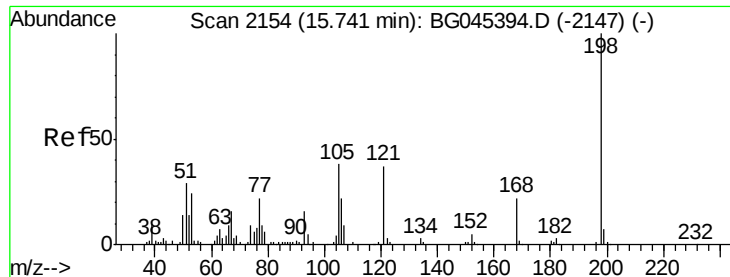


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.285 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

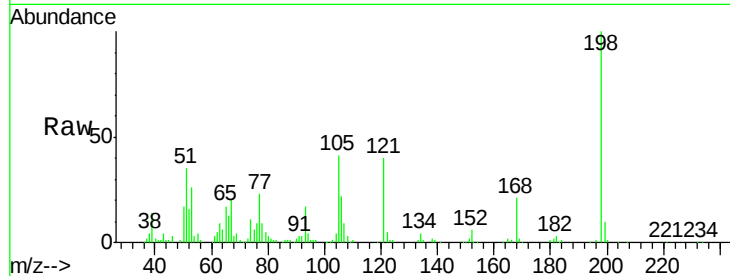
Tot Ion:198 Resp: 109841

Ion Ratio Lower Upper

198 100

51 35.3 10.0 50.0

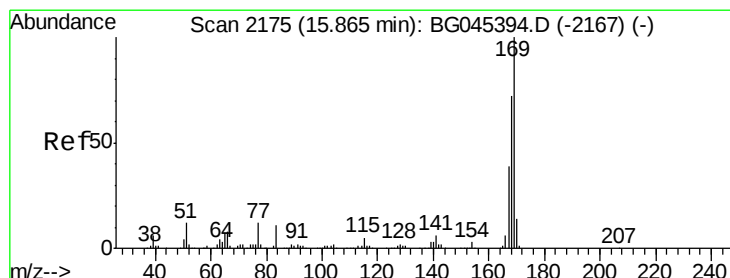
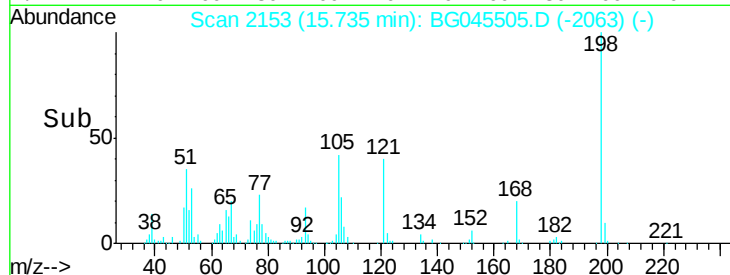
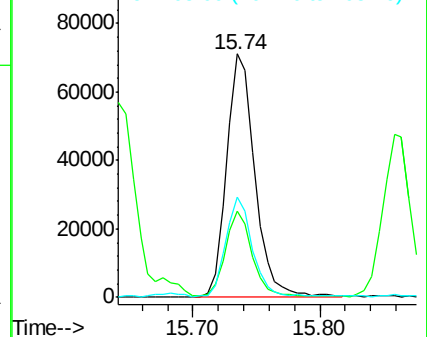
105 41.4 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.202 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

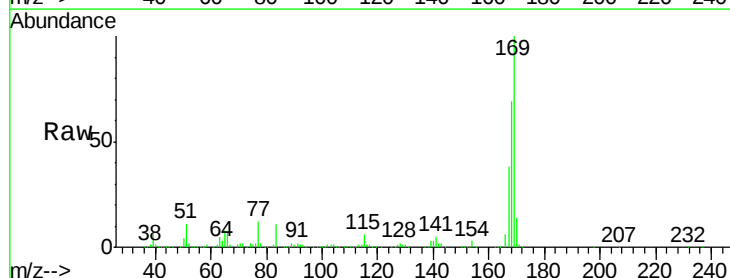
Tgt Ion:169 Resp: 641097

Ion Ratio Lower Upper

169 100

168 68.8 57.8 86.6

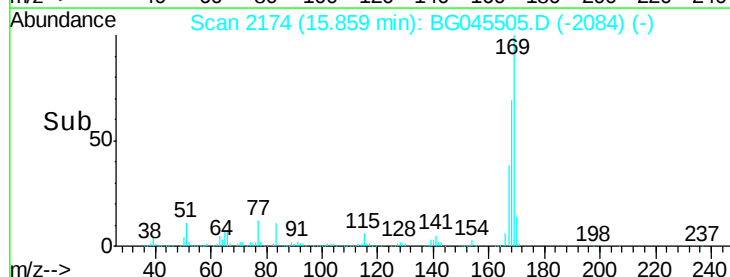
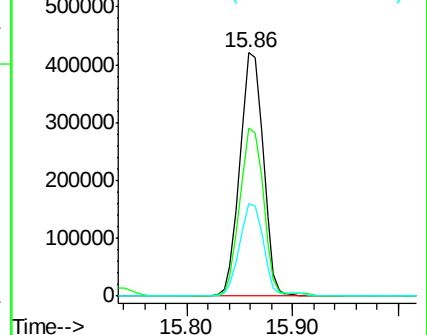
167 38.0 31.5 47.3

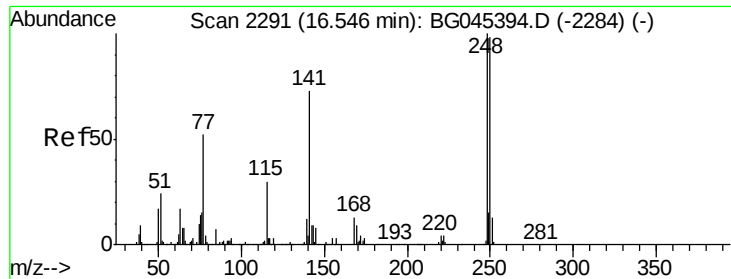


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

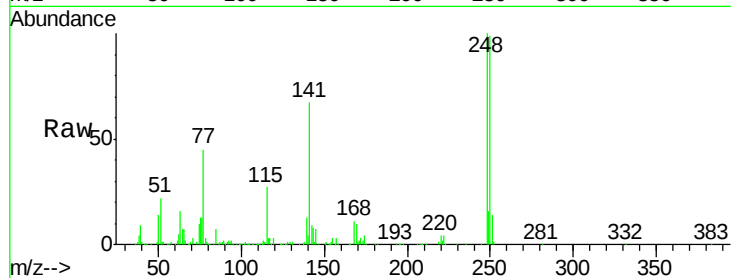




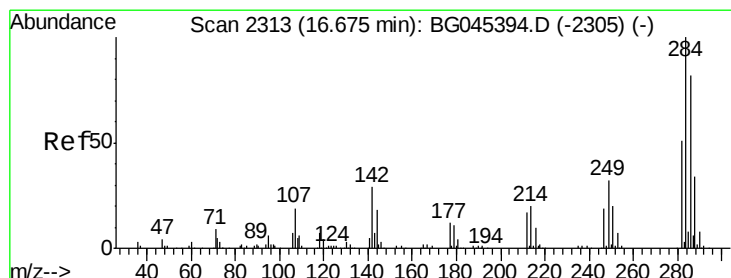
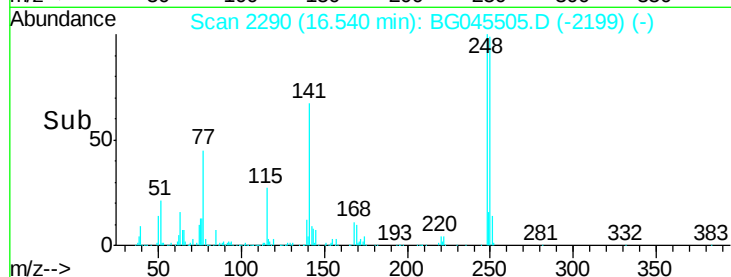
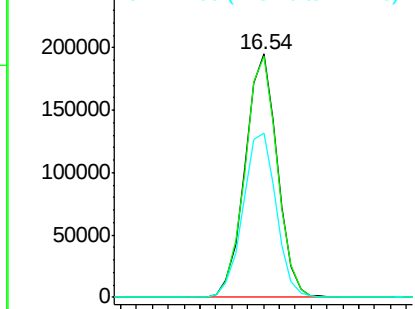
#67
 4-Bromophenyl-phenylether
 Concen: 51.604 ng
 RT: 16.54 min Scan# 2290
 Delta R.T. 0.01 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-052220MS

Tot Ion:248 Resp: 275269
 Ion Ratio Lower Upper
 248 100
 250 99.2 78.6 117.8
 141 67.5 58.2 87.2

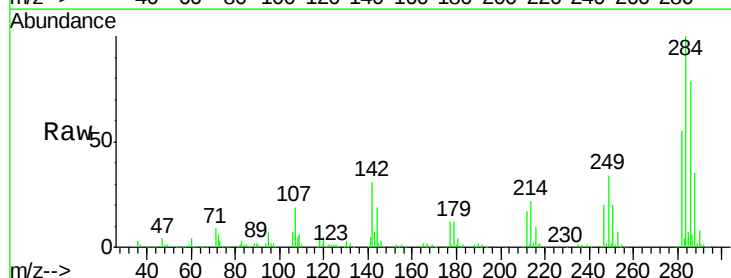


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

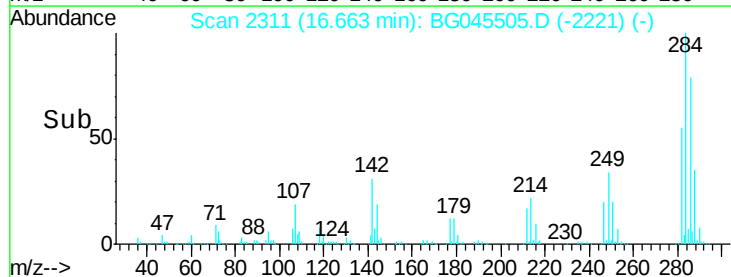
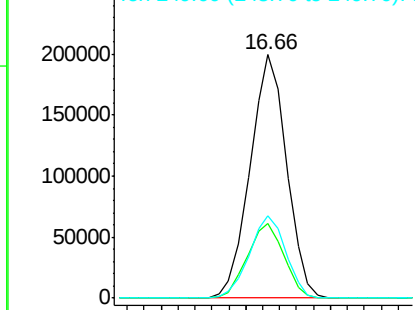


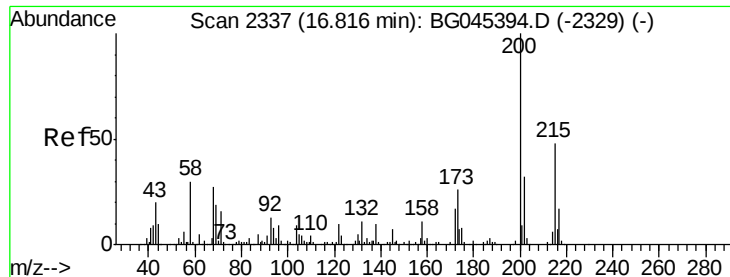
#68
 Hexachlorobenzene
 Concen: 53.626 ng
 RT: 16.66 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: BG045505.D
 Acq: 28 May 2020 20:17

Tgt Ion:284 Resp: 299193
 Ion Ratio Lower Upper
 284 100
 142 30.8 23.0 34.6
 249 33.7 25.8 38.6



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: 49.494 ng

RT: 16.81 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

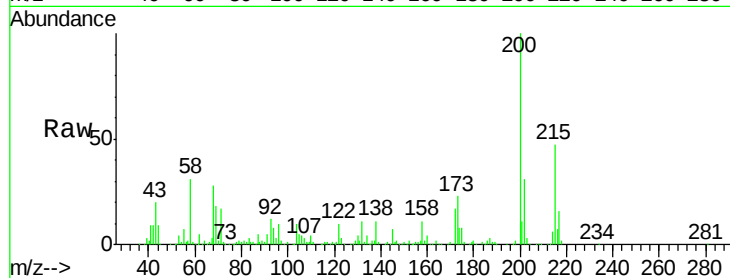
Tot Ion:200 Resp: 241124

Ion Ratio Lower Upper

200 100

173 23.1 5.5 45.5

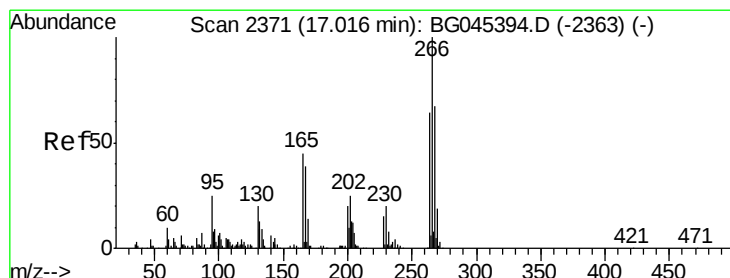
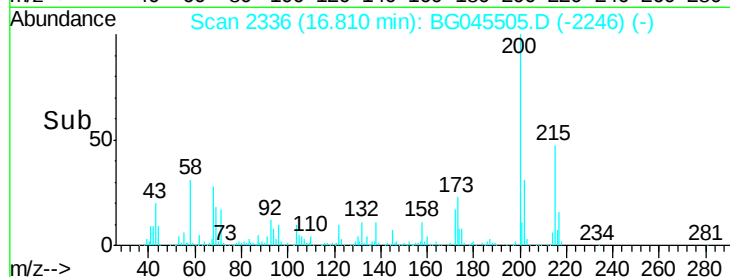
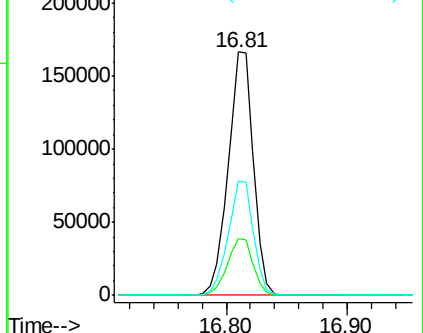
215 47.2 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 91.931 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

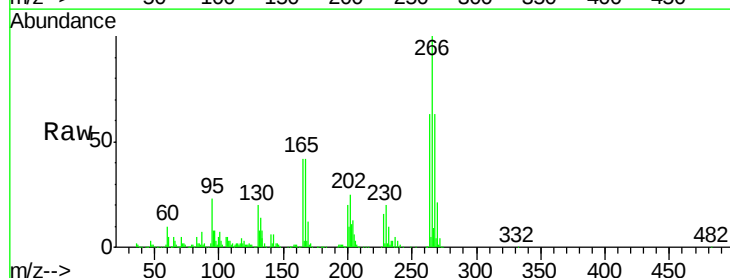
Tgt Ion:266 Resp: 266320

Ion Ratio Lower Upper

266 100

268 62.7 53.2 79.8

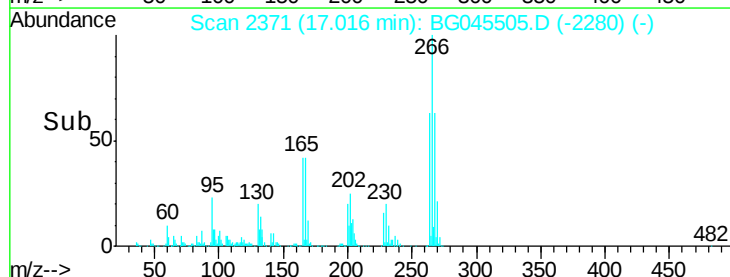
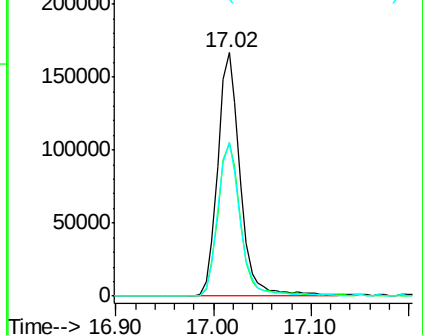
264 63.4 51.0 76.4

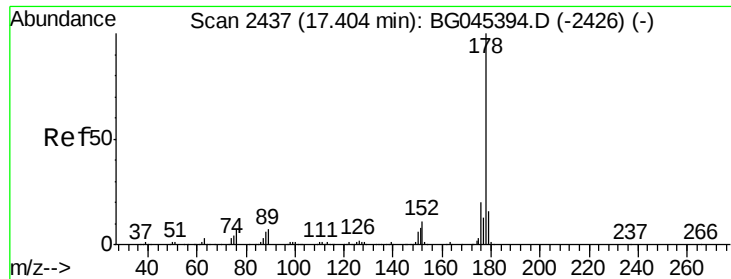


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

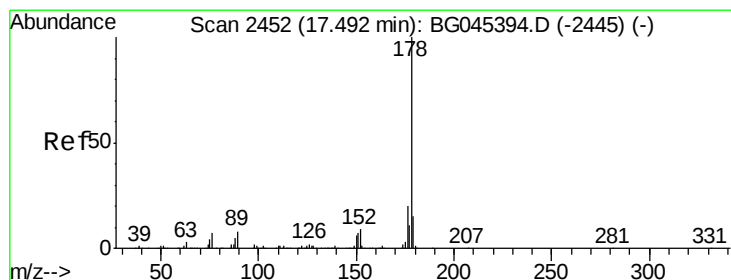
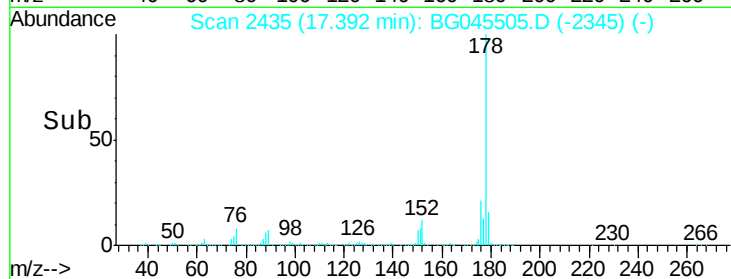
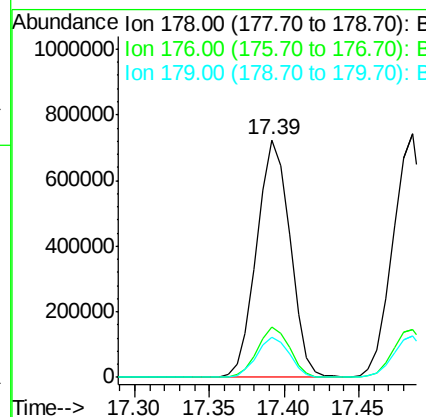
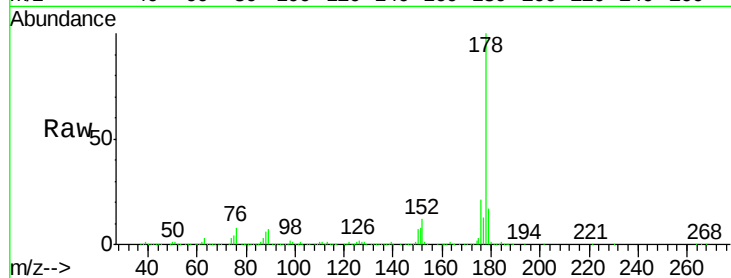




#71
Phenanthrene
Concen: 51.886 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

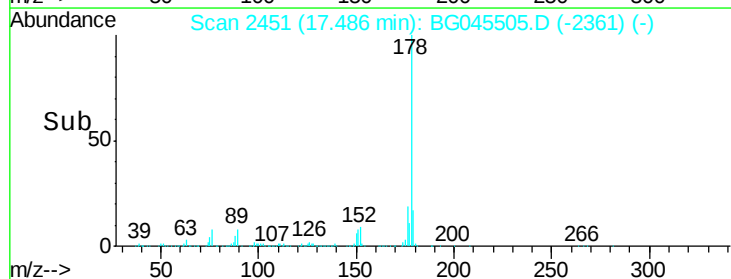
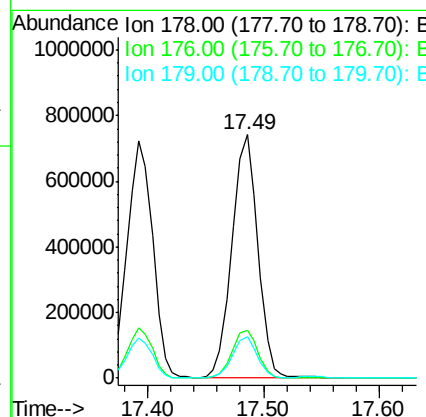
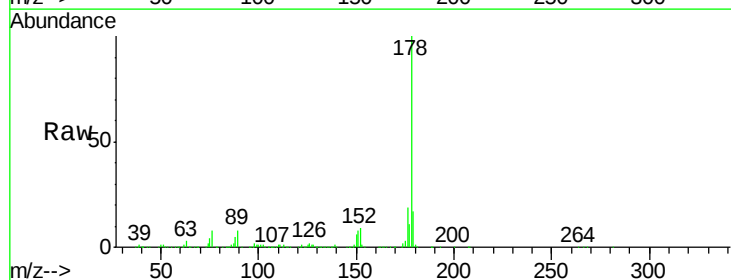
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

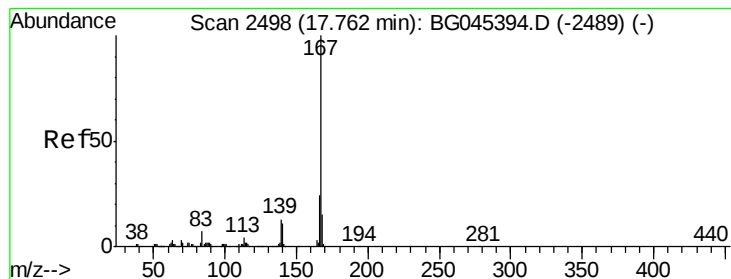
Tot Ion:178 Resp: 1115838
Ion Ratio Lower Upper
178 100
176 21.5 16.2 24.4
179 16.8 13.1 19.7



#72
Anthracene
Concen: 53.044 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:178 Resp: 1145570
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 17.0 12.2 18.4





#73

Carbazole

Concen: 48.896 ng

RT: 17.76 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

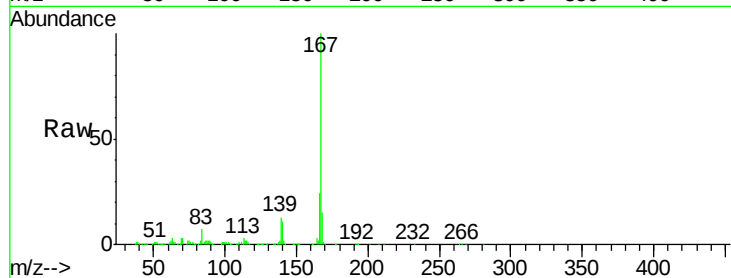
Tot Ion:167 Resp: 1029342

Ion Ratio Lower Upper

167 100

166 24.1 19.2 28.8

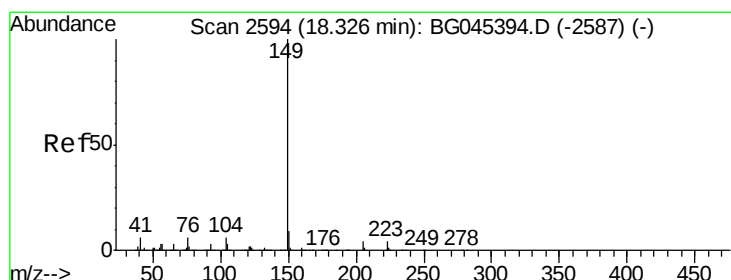
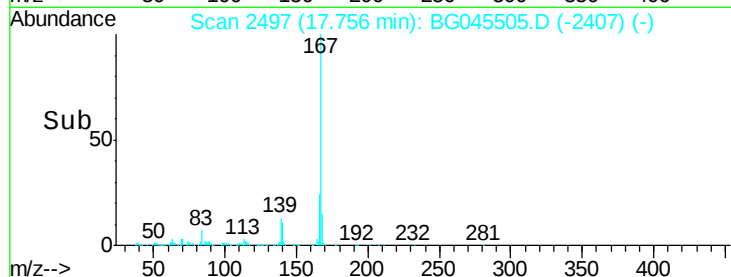
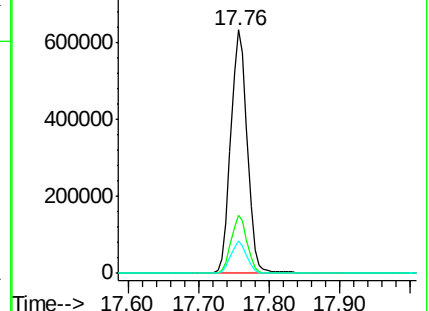
139 13.2 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.430 ng

RT: 18.31 min Scan# 2592

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

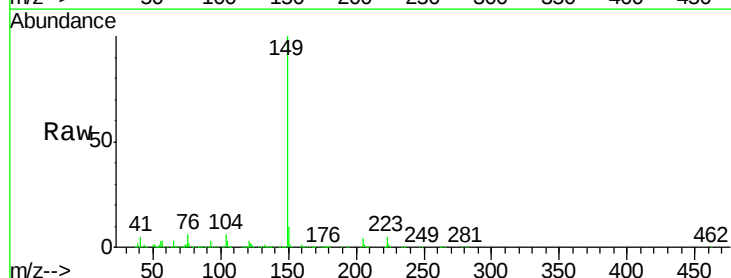
Tgt Ion:149 Resp: 1223688

Ion Ratio Lower Upper

149 100

150 10.0 7.6 11.4

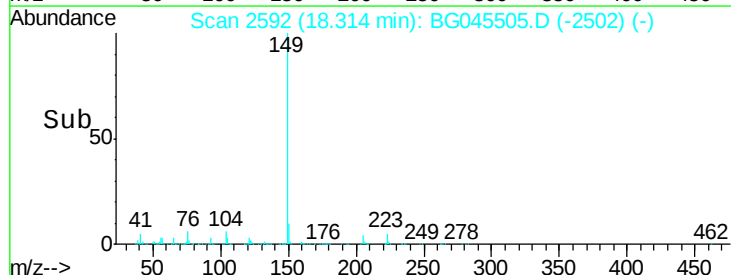
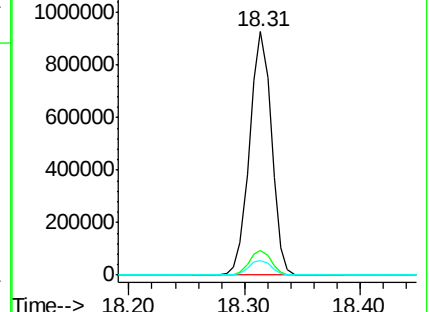
104 6.2 5.0 7.4

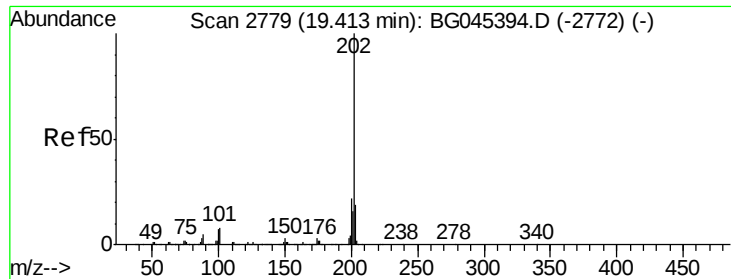


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 48.240 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

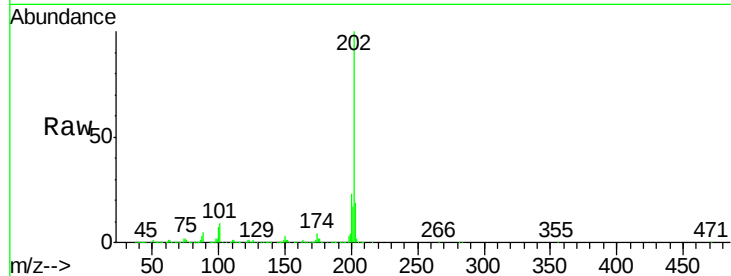
Tot Ion:202 Resp: 1319538

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.3

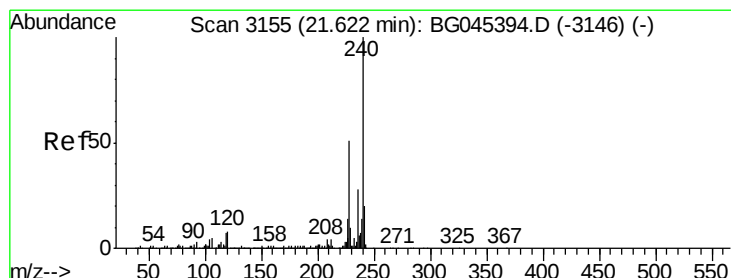
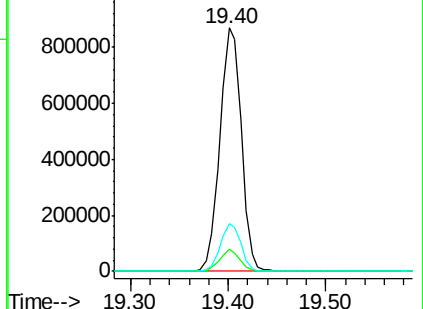
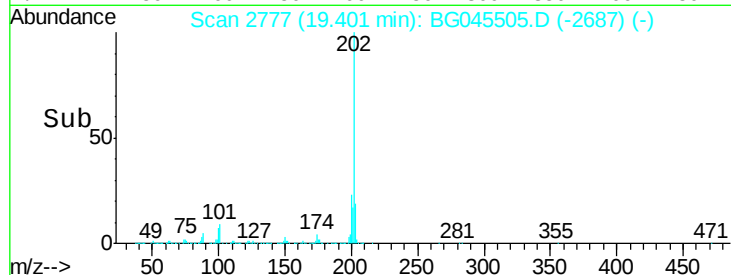
203 19.4 0.0 39.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

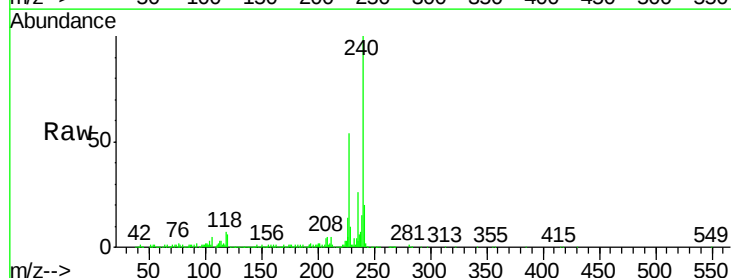
Tgt Ion:240 Resp: 433274

Ion Ratio Lower Upper

240 100

120 6.3 6.1 9.1

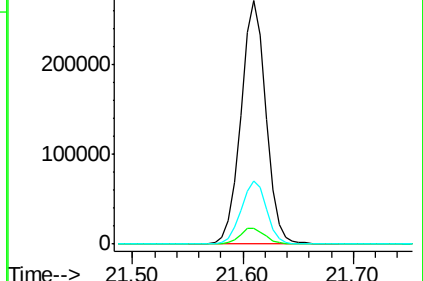
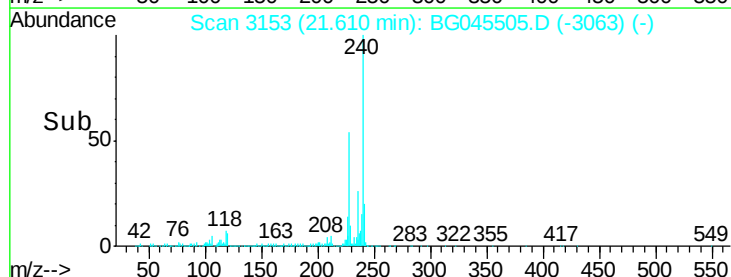
236 26.0 22.3 33.5

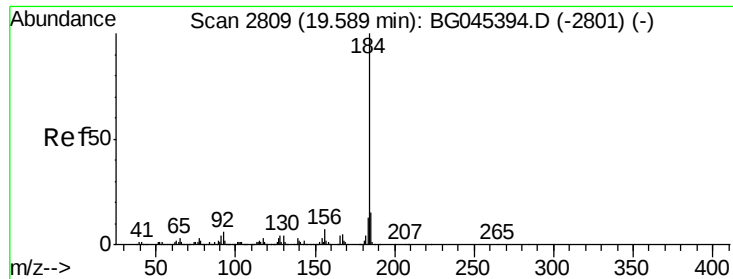


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.014 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

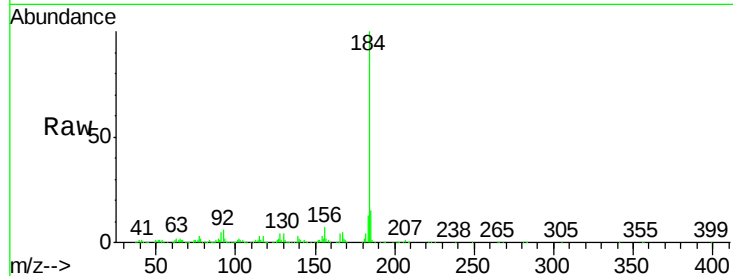
Tot Ion:184 Resp: 328720

Ion Ratio Lower Upper

184 100

185 15.3 11.7 17.5

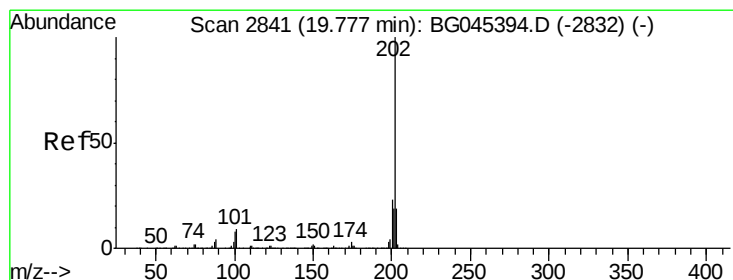
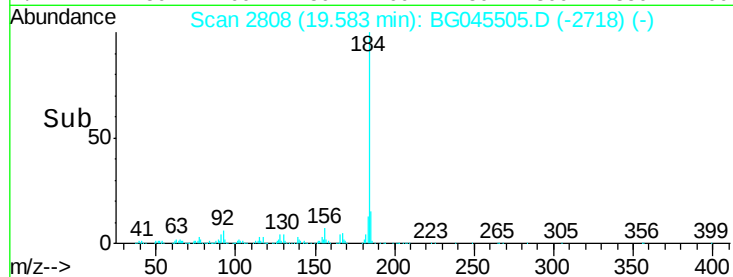
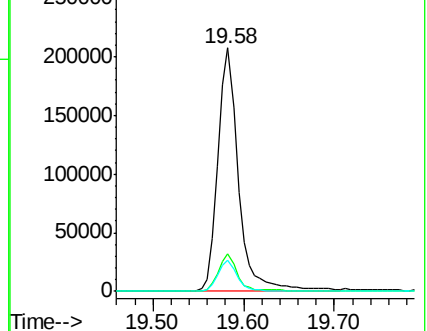
183 13.0 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.276 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

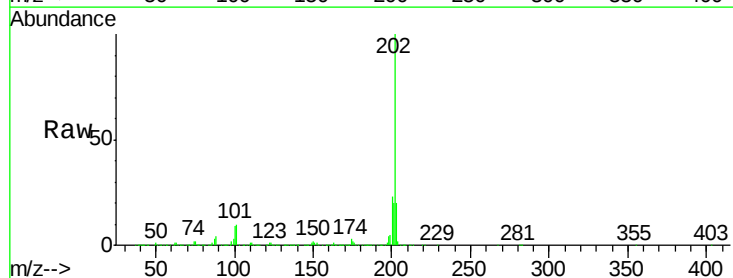
Tgt Ion:202 Resp: 1315827

Ion Ratio Lower Upper

202 100

200 23.1 18.2 27.2

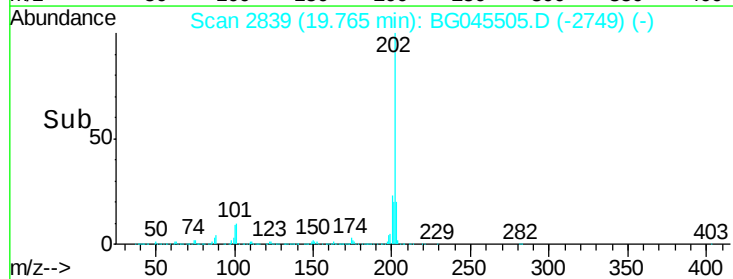
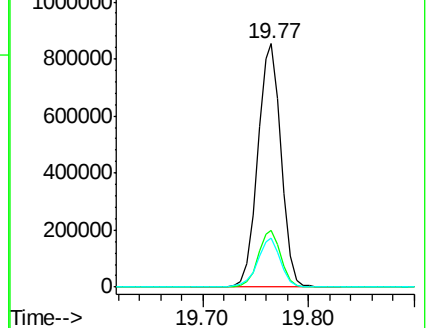
203 20.1 15.1 22.7

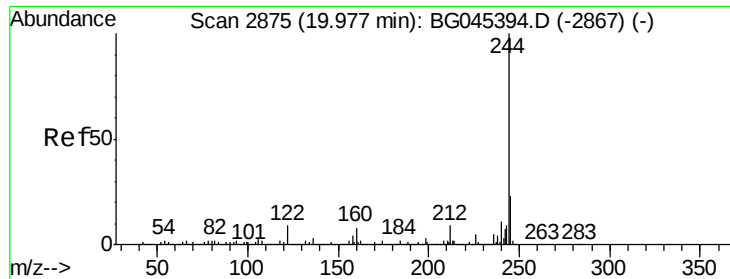


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 109.257 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

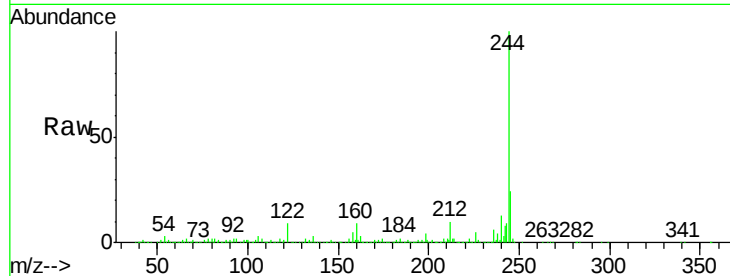
Tot Ion:244 Resp: 2029679

Ion Ratio Lower Upper

244 100

212 9.7 7.4 11.0

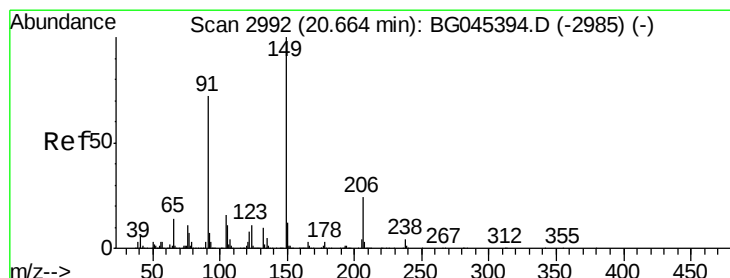
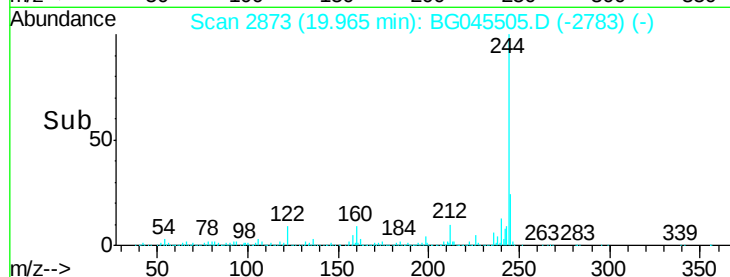
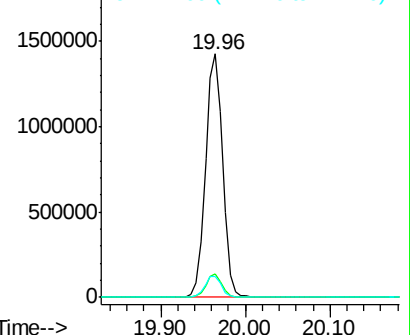
122 8.8 6.8 10.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.001 ng

RT: 20.65 min Scan# 2990

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

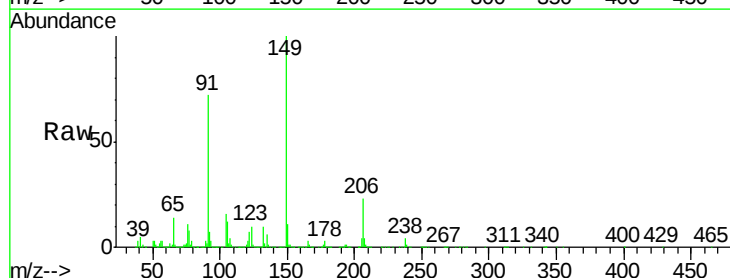
Tgt Ion:149 Resp: 533043

Ion Ratio Lower Upper

149 100

91 72.0 57.8 86.6

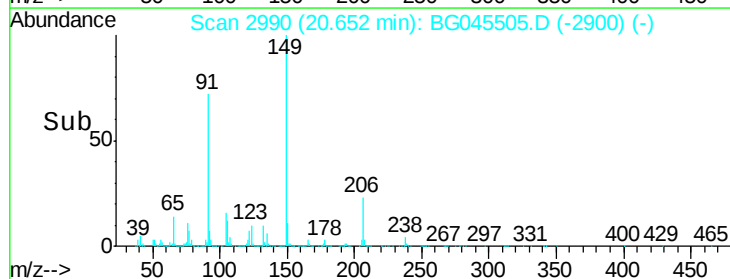
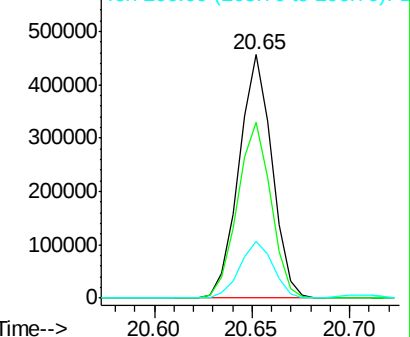
206 23.3 19.1 28.7

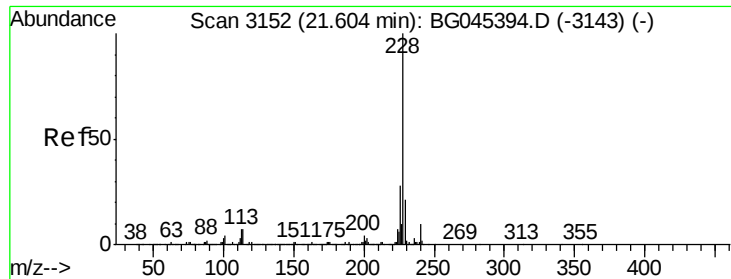


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.581 ng

RT: 21.59 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

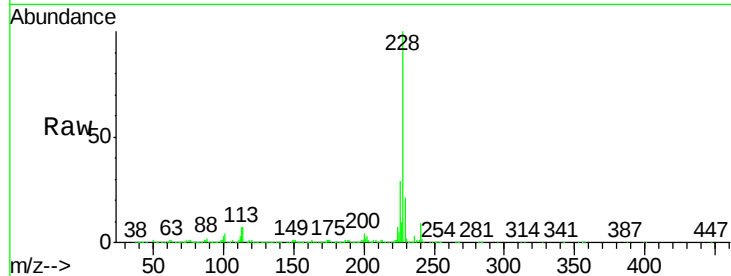
Tot Ion:228 Resp: 1269112

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.2	16.7	25.1

228 100

226 29.1 22.7 34.1

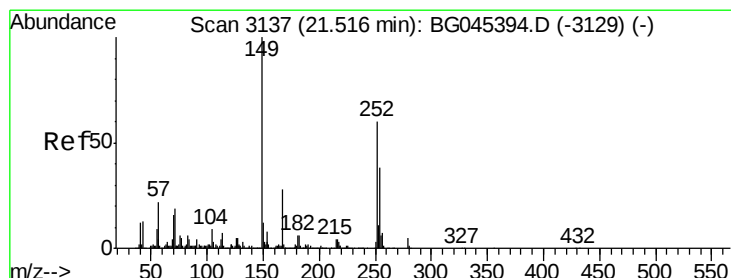
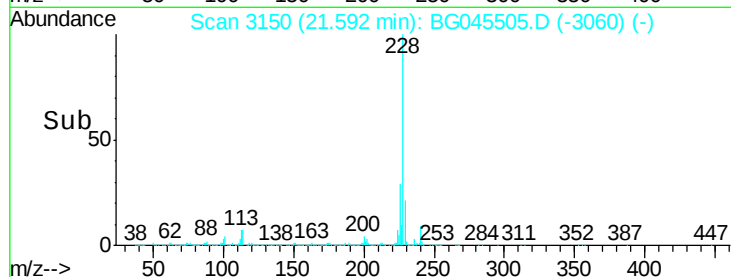
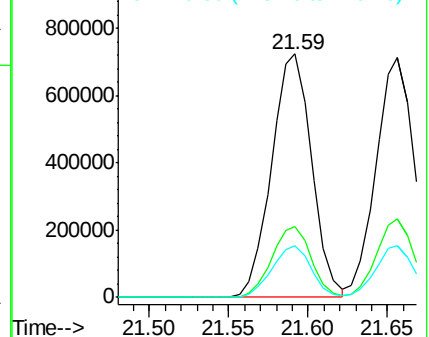
229 21.2 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 23.837 ng

RT: 21.50 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

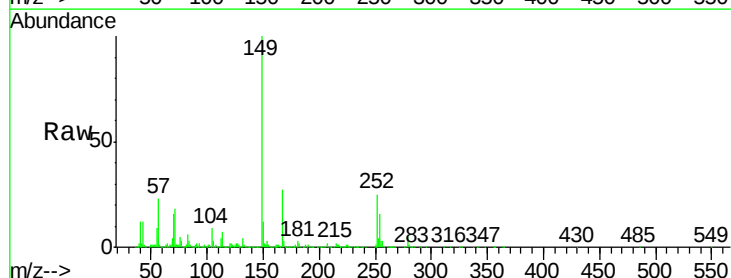
Tgt Ion:252 Resp: 225683

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.3	76.9
126	8.0	6.6	10.0

252 100

254 63.7 51.3 76.9

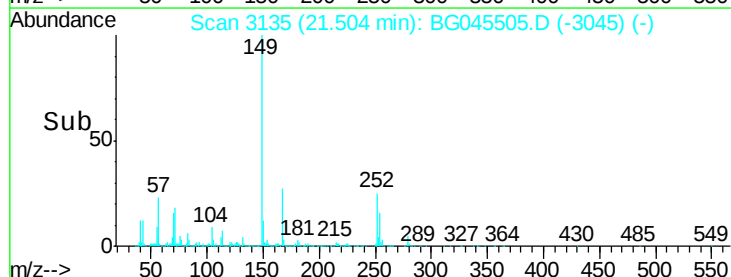
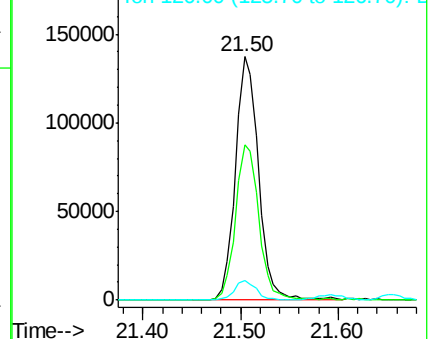
126 8.0 6.6 10.0

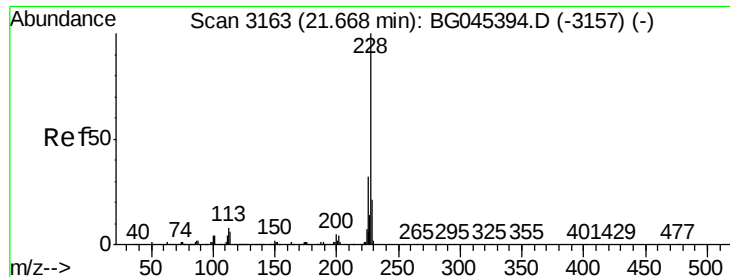


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 51.774 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

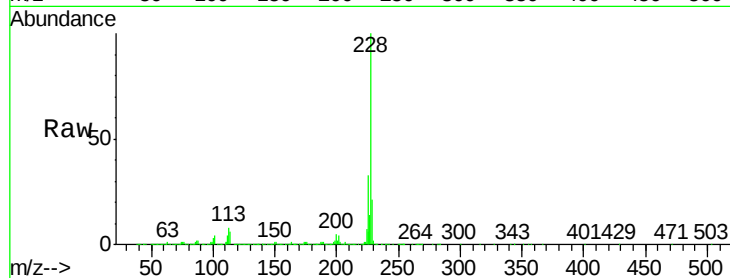
BNA_G

ClientSampleId :

CL-01-052220MS

Tot Ion:228 Resp: 1201580

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	21.4	16.7	25.1

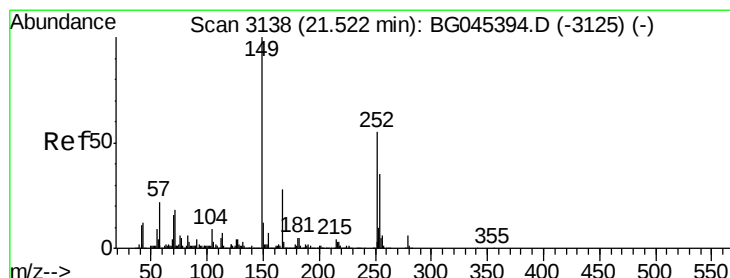
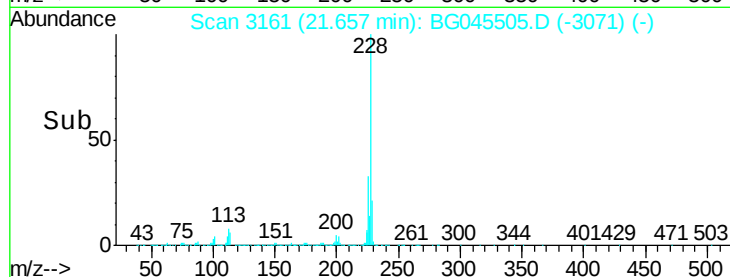
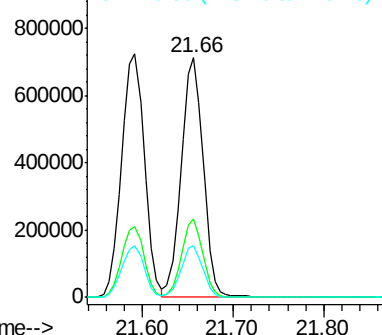


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.878 ng

RT: 21.50 min Scan# 3135

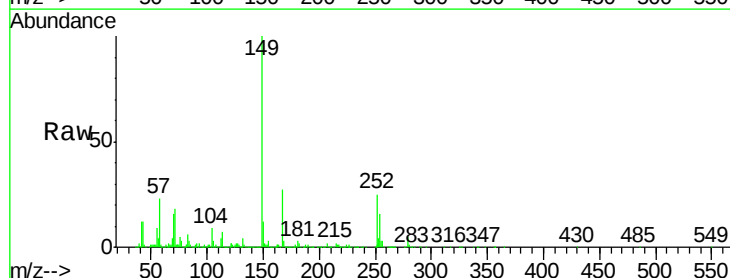
Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Tgt Ion:149 Resp: 745590

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	5.4	4.7	7.1

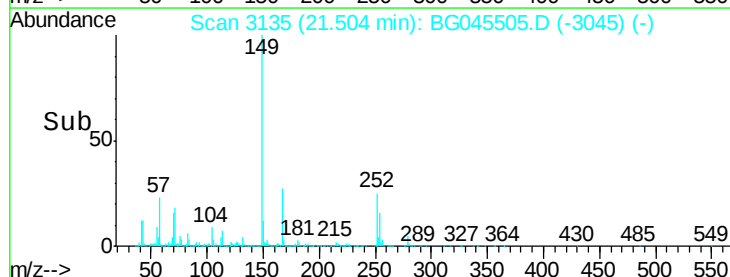
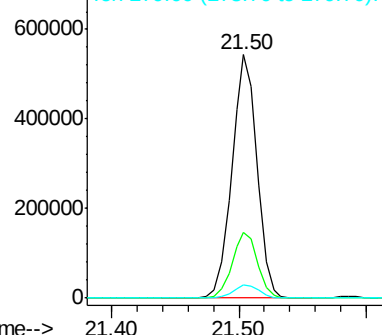


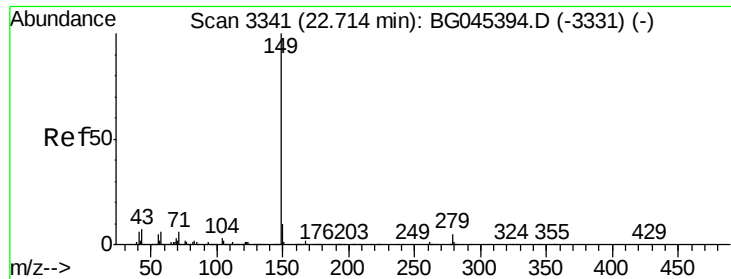
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

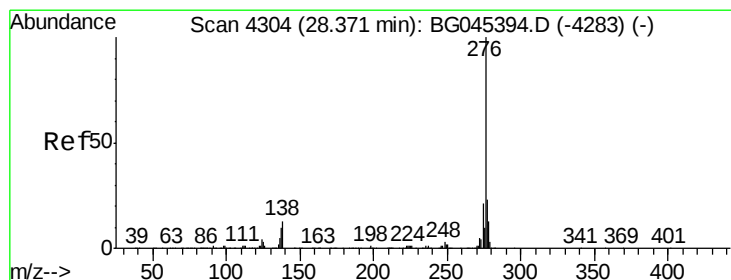
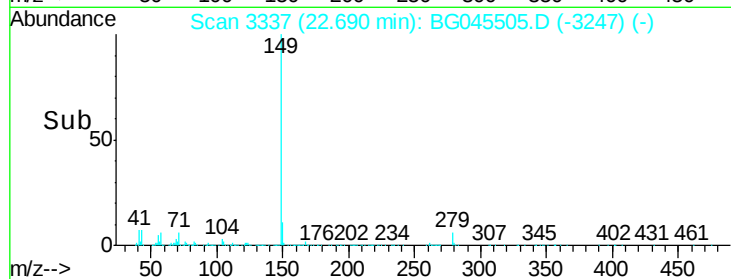
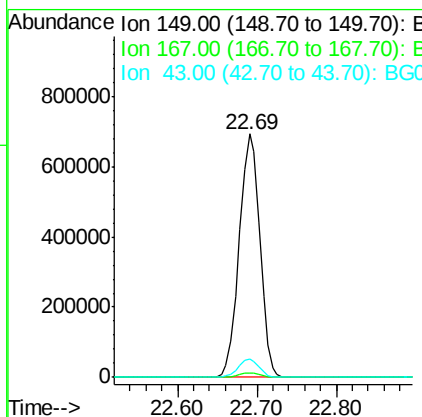
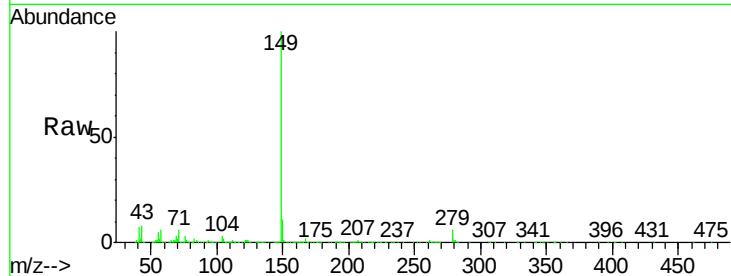




#85
Di-n-octyl phthalate
Concen: 49.569 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

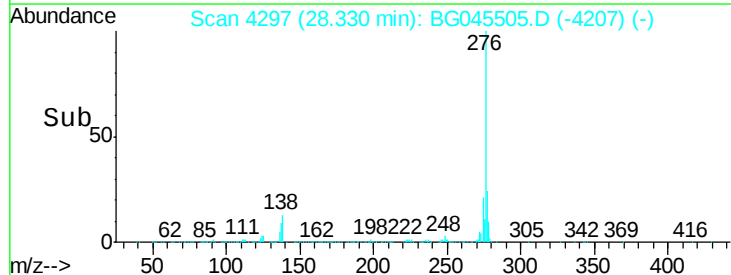
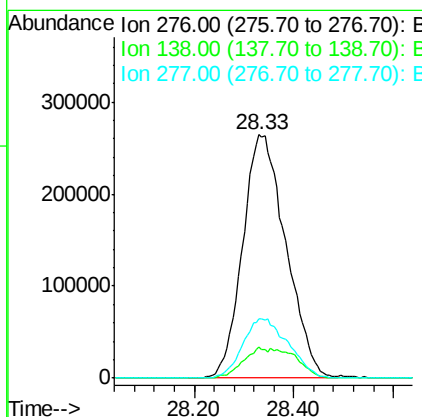
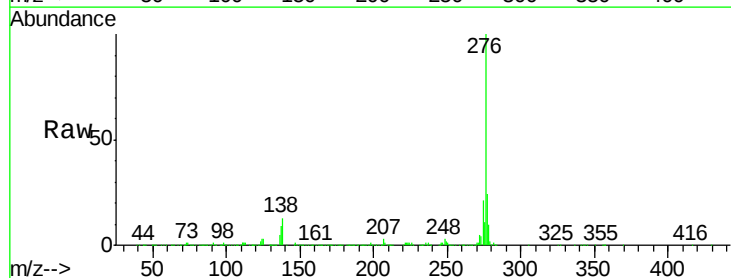
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

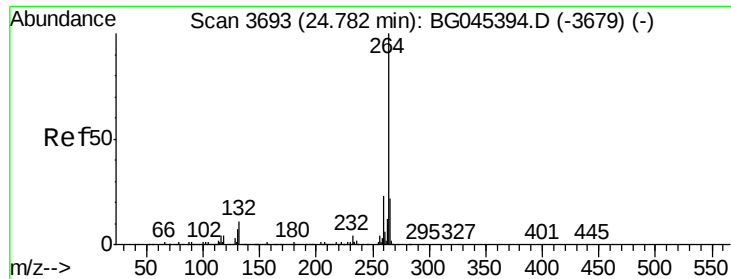
Tot Ion:149 Resp: 1247609
Ion Ratio Lower Upper
149 100
167 1.9 1.4 2.0
43 7.4 5.8 8.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.456 ng
RT: 28.33 min Scan# 4297
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:276 Resp: 1591973
Ion Ratio Lower Upper
276 100
138 7.1 8.6 12.8#
277 25.7 20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.76 min Scan# 3689

Delta R.T. -0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

Instrument :

BNA_G

ClientSampleId :

CL-01-052220MS

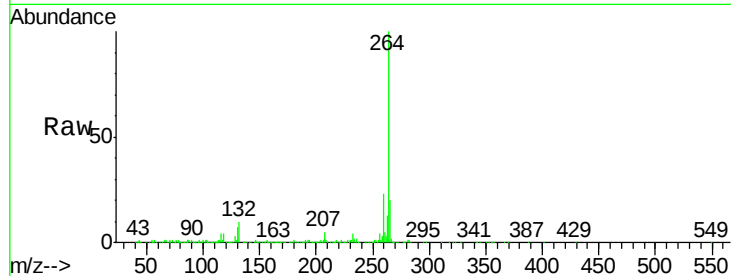
Tot Ion:264 Resp: 482073

Ion Ratio Lower Upper

264 100

260 23.2 18.2 27.4

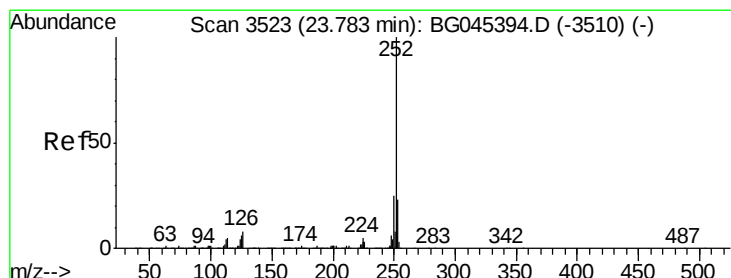
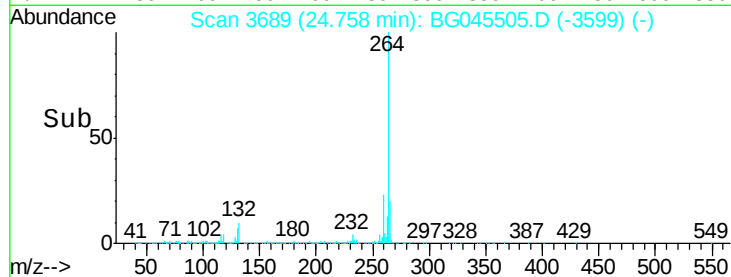
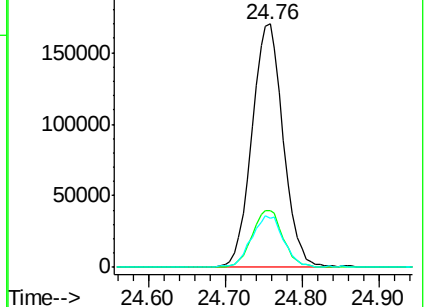
265 20.4 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.446 ng

RT: 23.77 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG045505.D

Acq: 28 May 2020 20:17

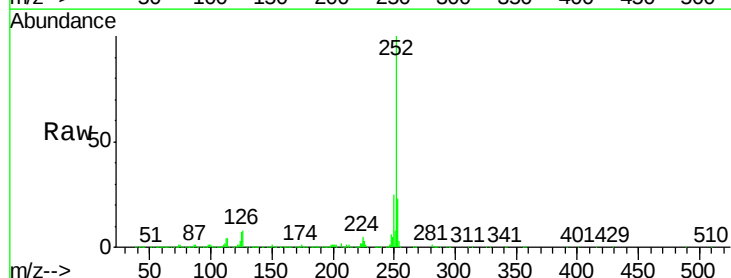
Tgt Ion:252 Resp: 1330083

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

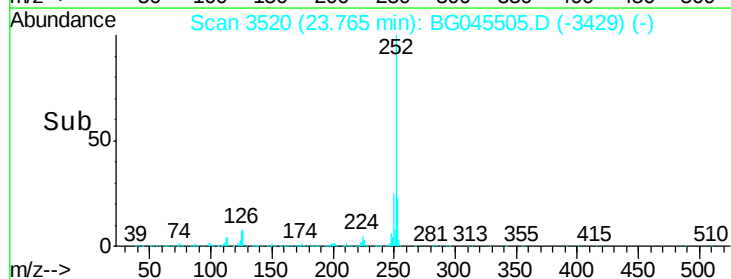
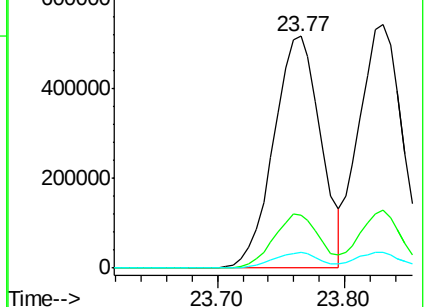
125 6.8 5.0 7.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

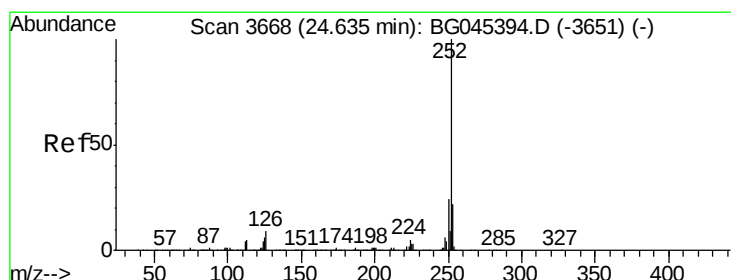
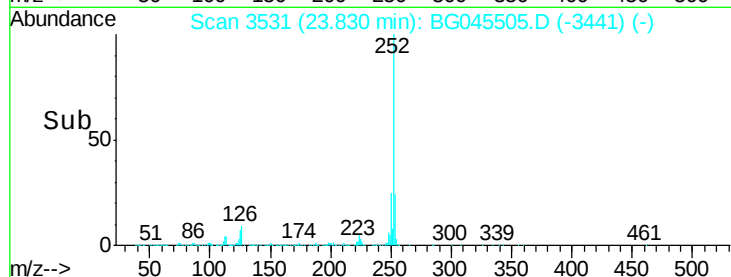
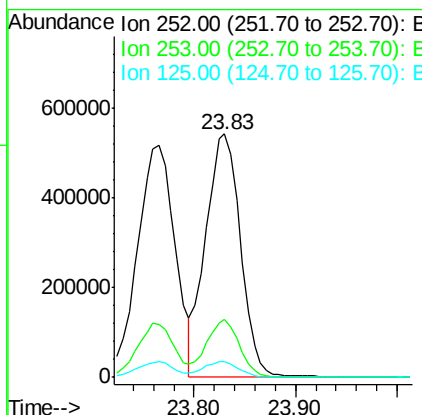
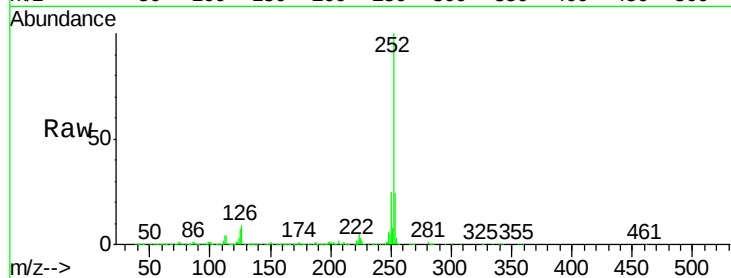




#89
Benzo(k)fluoranthene
Concen: 52.961 ng
RT: 23.83 min Scan# 3531
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

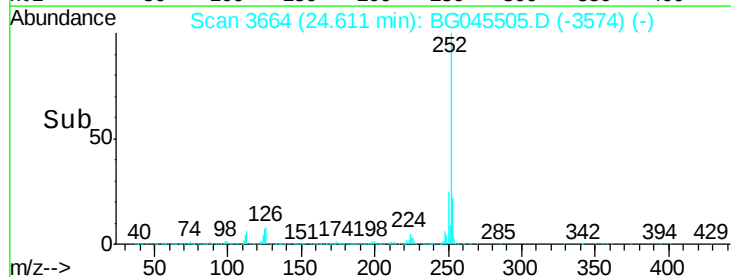
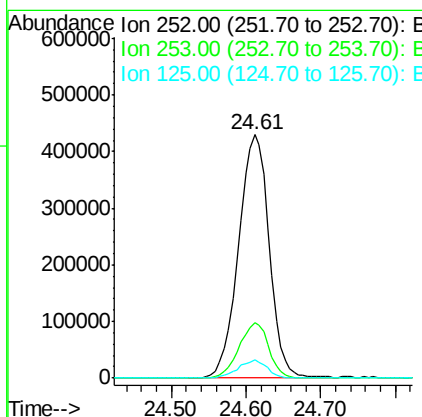
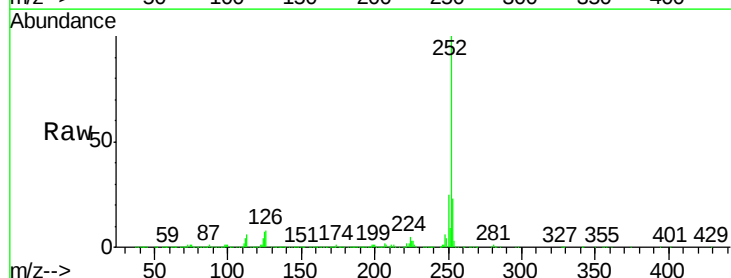
Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

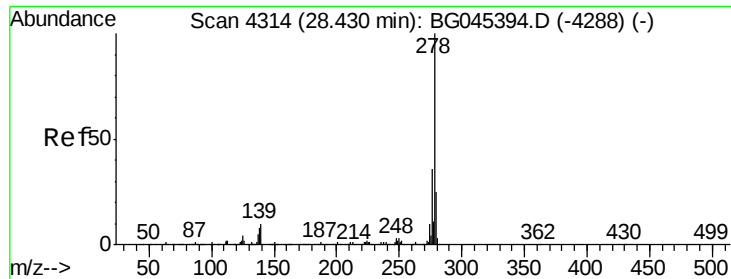
Tot Ion:252 Resp: 1286399
Ion Ratio Lower Upper
252 100
253 23.8 18.4 27.6
125 6.6 5.7 8.5



#90
Benzo(a)pyrene
Concen: 50.756 ng
RT: 24.61 min Scan# 3664
Delta R.T. -0.00 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:252 Resp: 1222147
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 7.5 5.0 7.6



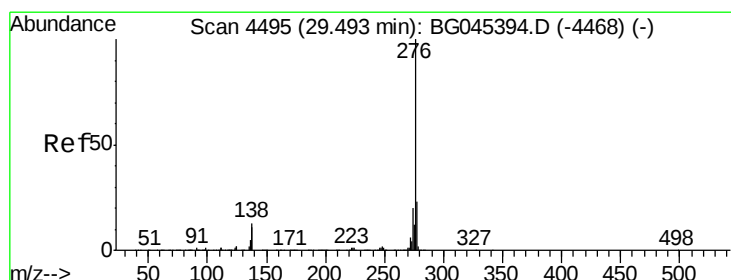
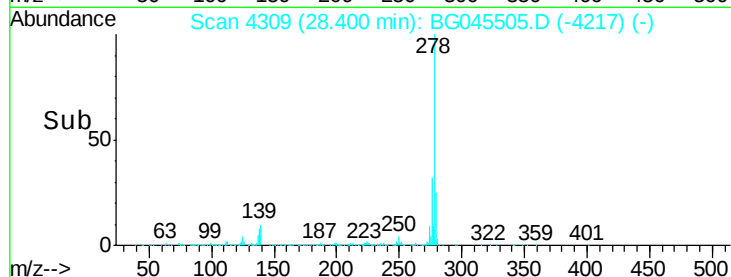
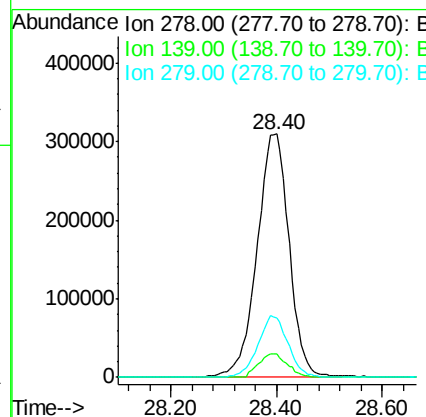
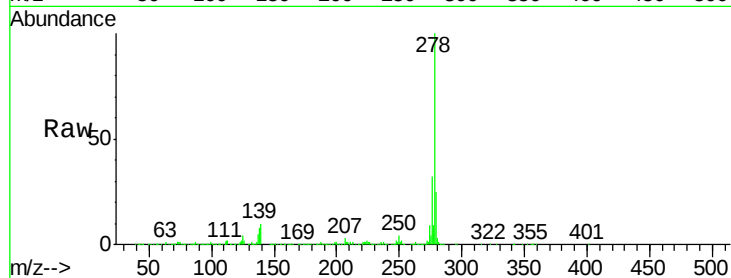


#91
Dibenzo(a,h)anthracene
Concen: 53.980 ng
RT: 28.40 min Scan# 4309
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Instrument :
BNA_G
ClientSampleId :
CL-01-052220MS

Tot Ion:278 Resp: 1306134

Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.8	11.8
279	24.6	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 55.039 ng
RT: 29.45 min Scan# 4488
Delta R.T. 0.01 min
Lab File: BG045505.D
Acq: 28 May 2020 20:17

Tgt Ion:276 Resp: 1331924

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.1	27.1
138	12.8	10.2	15.4

