

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
 Data File : BG046610.D
 Acq On : 14 Sep 2020 19:31
 Operator : CG/JU
 Sample : L3981-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

Quant Time: Sep 15 01:24:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 15:06:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	63857	20.00	ng	-0.01
21) Naphthalene-d8	10.72	136	264721	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	187951	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	456466	20.00	ng	0.00
76) Chrysene-d12	21.55	240	463201	20.00	ng	0.00
86) Perylene-d12	24.65	264	476679	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	362814	100.63	ng	0.00
7) Phenol-d6	7.10	99	494882	96.83	ng	0.00
23) Nitrobenzene-d5	9.08	82	301541	65.10	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	231817	91.03	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	774331	62.89	ng	-0.01
79) Terphenyl-d14	19.92	244	1285503	59.06	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.42	88	60393	40.264	ng	99
3) Pyridine	3.81	79	169323	38.583	ng	99
4) n-Nitrosodimethylamine	3.72	42	72961	45.077	ng	97
6) Aniline	7.25	93	157257	27.343	ng	99
8) 2-Chlorophenol	7.50	128	188824	49.554	ng	99
9) Benzaldehyde	7.06	77	79745	27.849	ng	97
10) Phenol	7.13	94	236181	50.172	ng	99
11) bis(2-Chloroethyl)ether	7.34	93	171255	45.259	ng	98
12) 1,3-Dichlorobenzene	7.82	146	204806	42.334	ng	99
13) 1,4-Dichlorobenzene	7.96	146	207176	42.775	ng	99
14) 1,2-Dichlorobenzene	8.28	146	203556	43.832	ng	99
15) Benzyl Alcohol	8.17	79	159166	48.507	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	251241	42.806	ng	100
17) 2-Methylphenol	8.38	107	164310	49.217	ng	98
18) Hexachloroethane	9.01	117	68855	41.929	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	137807	45.077	ng	97
20) 3+4-Methylphenols	8.70	107	225303	48.894	ng	99
22) Acetophenone	8.75	105	264973	41.120	ng	# 98
24) Nitrobenzene	9.12	77	197505	43.163	ng	98
25) Isophorone	9.65	82	377157	44.416	ng	99
26) 2-Nitrophenol	9.83	139	108820	45.075	ng	94
27) 2,4-Dimethylphenol	9.90	122	181259	54.588	ng	98
28) bis(2-Chloroethoxy)methane	10.13	93	233160	42.660	ng	99
29) 2,4-Dichlorophenol	10.37	162	204831	46.274	ng	96
30) 1,2,4-Trichlorobenzene	10.59	180	215166	40.968	ng	99
31) Naphthalene	10.77	128	560802	43.388	ng	99
32) Benzoic acid	10.06	122	73664	33.824	ng	99
33) 4-Chloroaniline	10.88	127	94783	16.630	ng	95
34) Hexachlorobutadiene	11.07	225	137953	40.463	ng	98
35) Caprolactam	11.65	113	48484	29.302	ng	98
36) 4-Chloro-3-methylphenol	12.01	107	206351	47.663	ng	98
37) 2-Methylnaphthalene	12.38	142	446881	43.838	ng	99
38) 1-Methylnaphthalene	12.60	142	418358	43.326	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	266100	42.934	ng	99

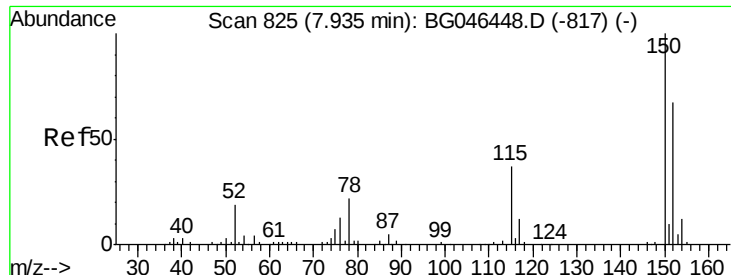
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	276255	102.506	ng	99
43) 2,4,6-Trichlorophenol	12.99	196	182792	43.703	ng	100
44) 2,4,5-Trichlorophenol	13.07	196	197891	45.032	ng	98
46) 1,1'-Biphenyl	13.39	154	587172	44.903	ng	100
47) 2-Chloronaphthalene	13.43	162	467231	42.142	ng	99
48) 2-Nitroaniline	13.63	65	128688	41.800	ng	98
49) Acenaphthylene	14.28	152	740244	44.014	ng	99
50) Dimethylphthalate	14.01	163	676804	46.545	ng	99
51) 2,6-Dinitrotoluene	14.13	165	141557	44.164	ng	97
52) Acenaphthene	14.62	154	450858	43.260	ng	98
53) 3-Nitroaniline	14.46	138	75933	21.870	ng	96
54) 2,4-Dinitrophenol	14.68	184	165414	88.411	ng	97
55) Dibenzofuran	14.96	168	734290	43.902	ng	100
56) 4-Nitrophenol	14.79	139	227101	88.876	ng	97
57) 2,4-Dinitrotoluene	14.92	165	200920	43.961	ng	99
58) Fluorene	15.60	166	614469	43.772	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	191216	44.809	ng	98
60) Diethylphthalate	15.38	149	604859	42.664	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	327066	42.305	ng	98
62) 4-Nitroaniline	15.63	138	144557	39.459	ng	98
63) Azobenzene	15.89	77	509097	44.145	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	131118	50.750	ng	98
66) n-Nitrosodiphenylamine	15.81	169	557272	45.253	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	232273	43.615	ng	99
68) Hexachlorobenzene	16.61	284	245568	41.636	ng	98
69) Atrazine	16.76	200	176274	35.088	ng	99
70) Pentachlorophenol	16.96	266	276626	89.770	ng	98
71) Phenanthrene	17.34	178	1022140	44.178	ng	99
72) Anthracene	17.44	178	1038210	45.481	ng	99
73) Carbazole	17.70	167	957306	44.417	ng	99
74) Di-n-butylphthalate	18.26	149	1070578	43.197	ng	100
75) Fluoranthene	19.35	202	1316509	44.216	ng	100
77) Benzidine	19.53	184	535041	49.709	ng	99
78) Pyrene	19.72	202	1316318	44.627	ng	100
80) Butylbenzylphthalate	20.60	149	495565	43.073	ng	99
81) Benzo(a)anthracene	21.53	228	1262065	43.714	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	250733	23.402	ng	99
83) Chrysene	21.60	228	1229031	44.255	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	700548	44.619	ng	99
85) Di-n-octyl phthalate	22.62	149	1218676	45.331	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1539355	44.963	ng	100
88) Benzo(b)fluoranthene	23.67	252	1360830	45.720	ng	98
89) Benzo(k)fluoranthene	23.74	252	1265984	44.010	ng	99
90) Benzo(a)pyrene	24.50	252	1212312	43.645	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1246391	45.114	ng	98
92) Benzo(g,h,i)perylene	29.26	276	1274612	46.201	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.92 min Scan# 823

Delta R.T. -0.01 min

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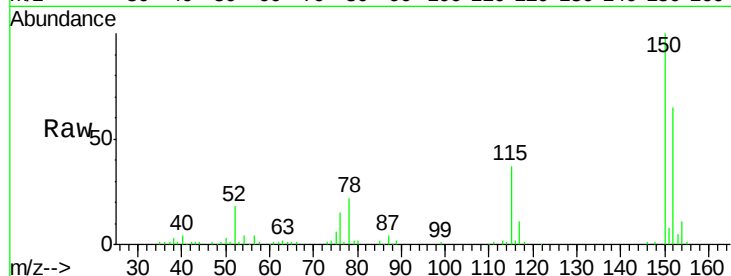
Tot Ion:152 Resp: 63857

Ion Ratio Lower Upper

152 100

150 152.7 119.5 179.3

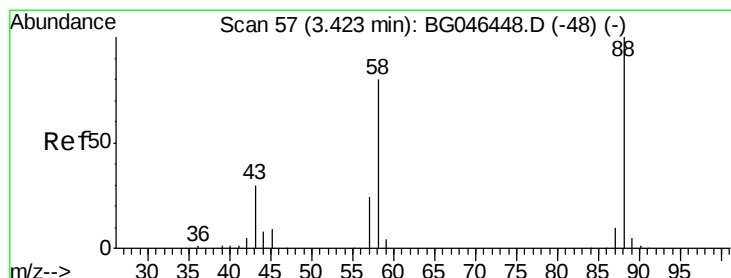
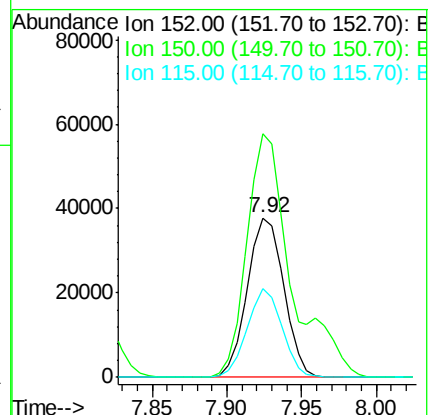
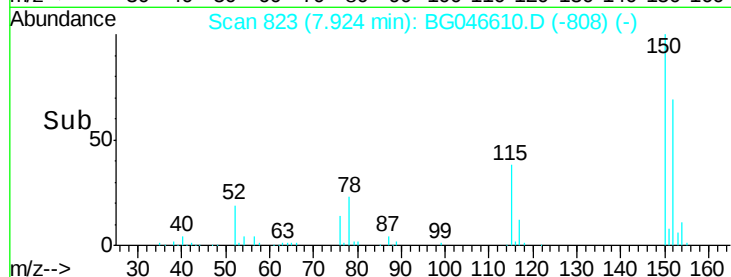
115 55.7 44.3 66.5



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: 40.264 ng

RT: 3.42 min Scan# 56

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

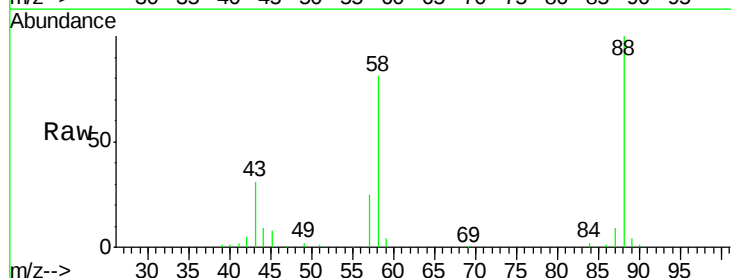
Tgt Ion: 88 Resp: 60393

Ion Ratio Lower Upper

88 100

58 77.7 61.4 92.2

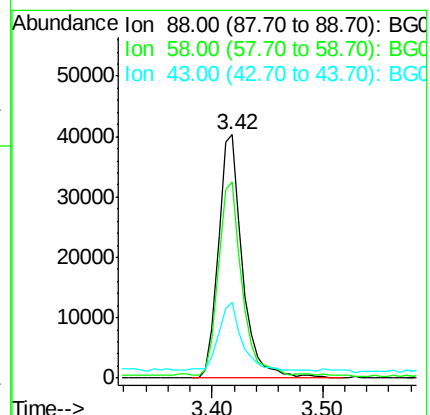
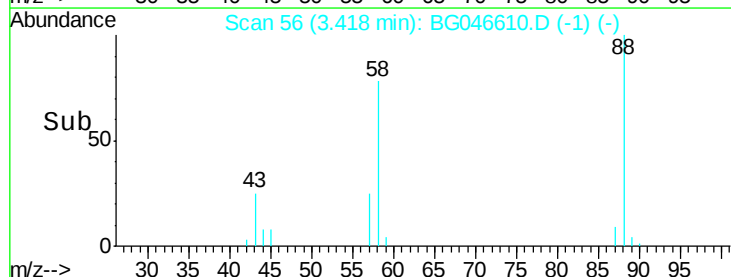
43 26.7 21.6 32.4

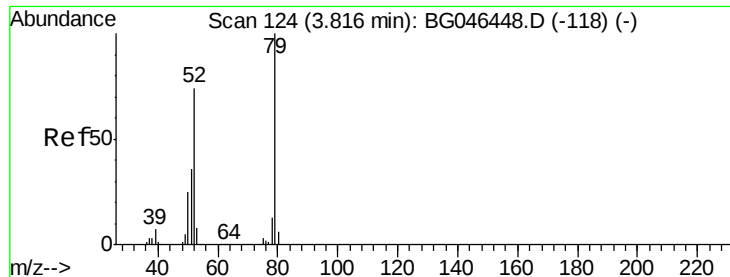


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.583 ng

RT: 3.81 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

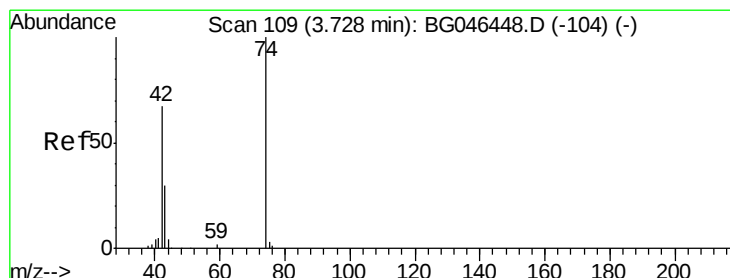
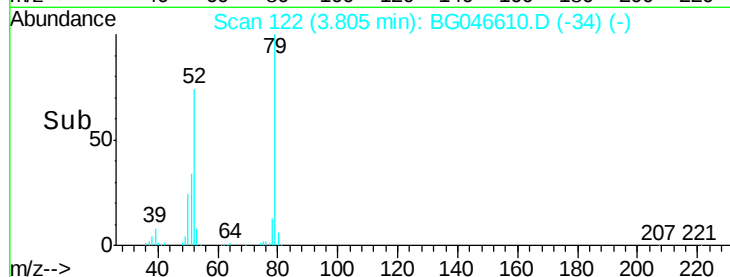
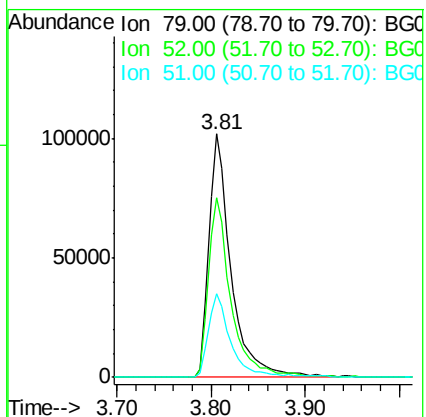
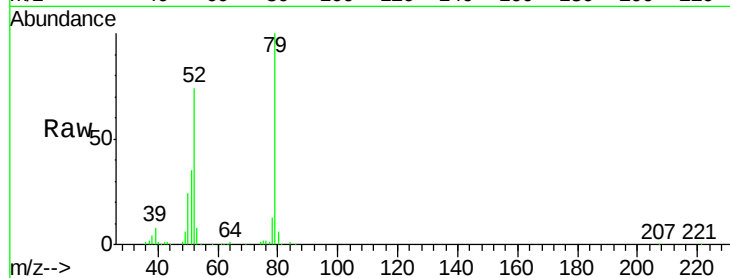
Tot Ion: 79 Resp: 169323

Ion Ratio Lower Upper

79 100

52 73.8 59.1 88.7

51 34.5 29.0 43.6



#4

n-Nitrosodimethylamine

Concen: 45.077 ng

RT: 3.72 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

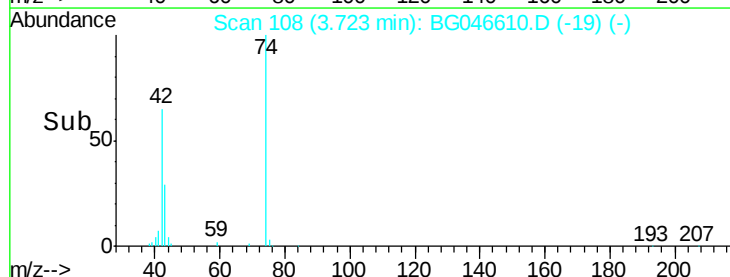
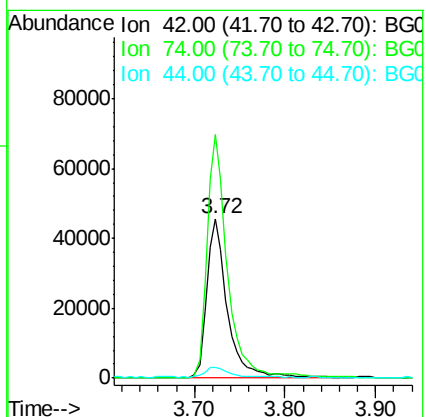
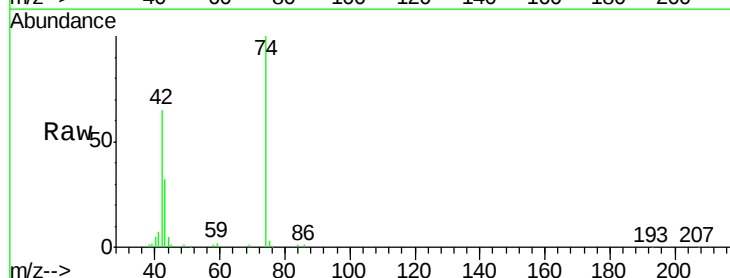
Tgt Ion: 42 Resp: 72961

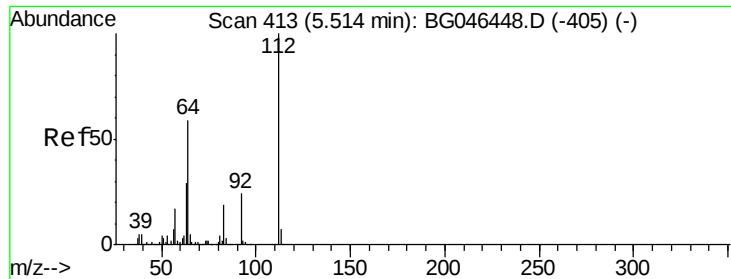
Ion Ratio Lower Upper

42 100

74 152.9 119.5 179.3

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 100.633 ng

RT: 5.52 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

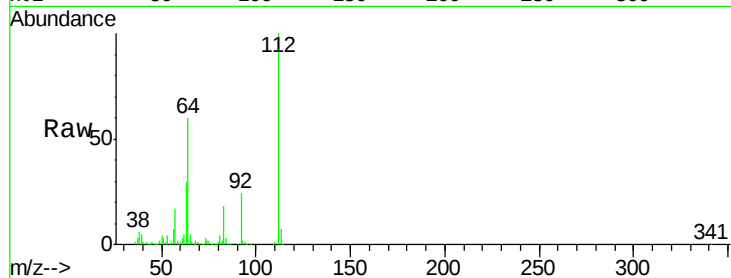
Tot Ion:112 Resp: 362814

Ion Ratio Lower Upper

112 100

64 59.9 47.0 70.6

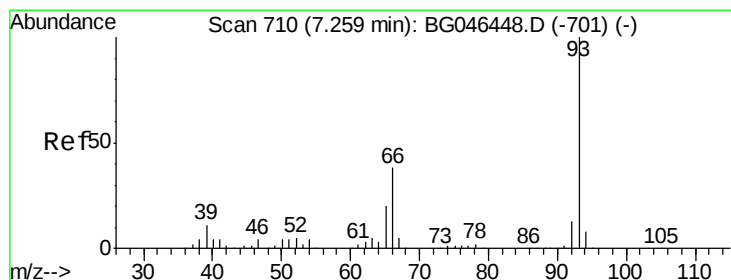
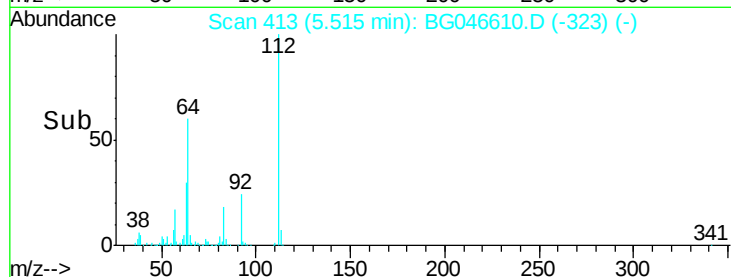
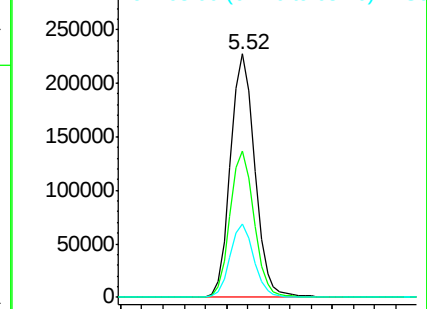
63 30.2 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.343 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

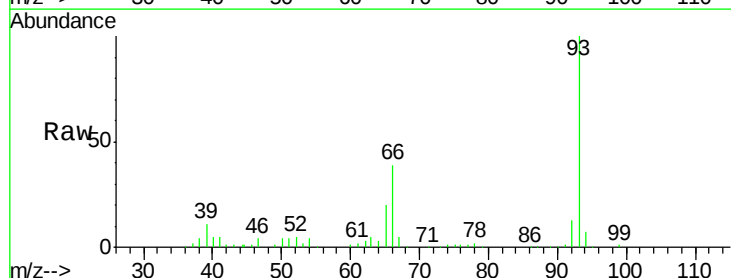
Tgt Ion: 93 Resp: 157257

Ion Ratio Lower Upper

93 100

66 39.0 30.4 45.6

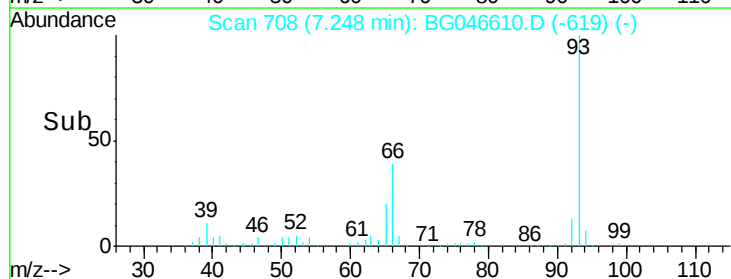
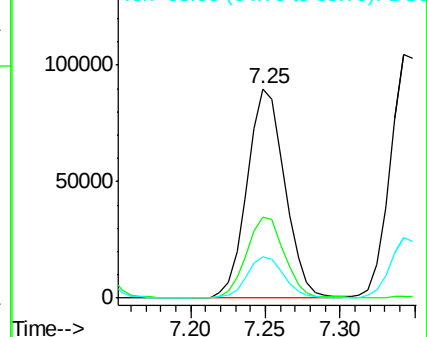
65 19.9 15.8 23.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.828 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

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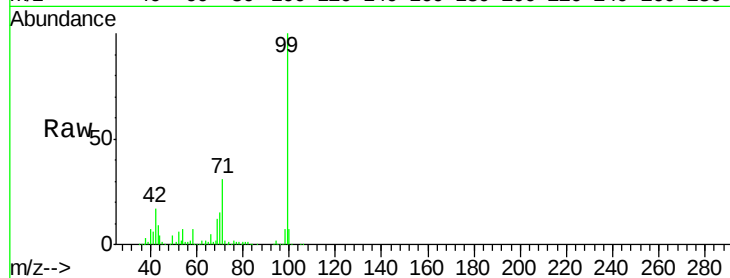
Tot Ion: 99 Resp: 494882

Ion Ratio Lower Upper

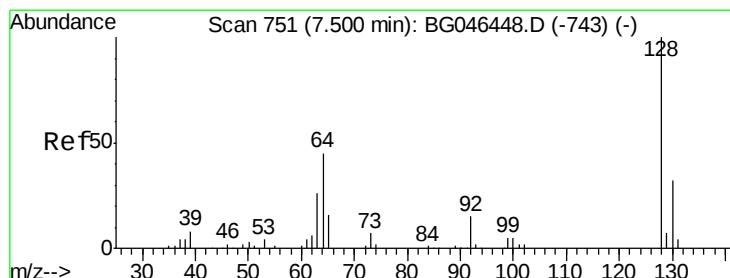
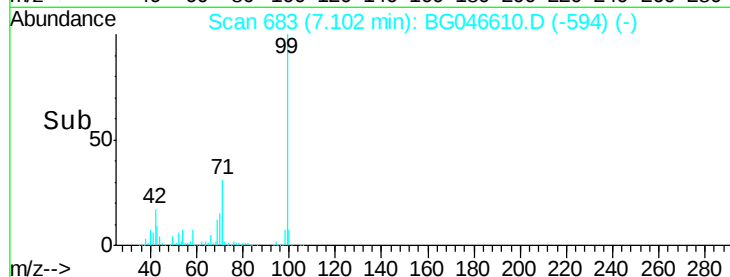
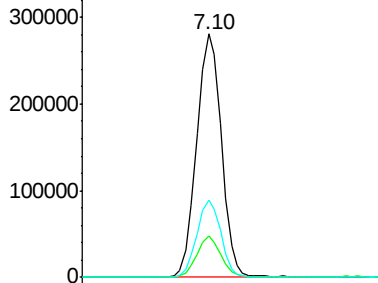
99 100

42 16.9 13.3 19.9

71 31.5 25.3 37.9



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: 49.554 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

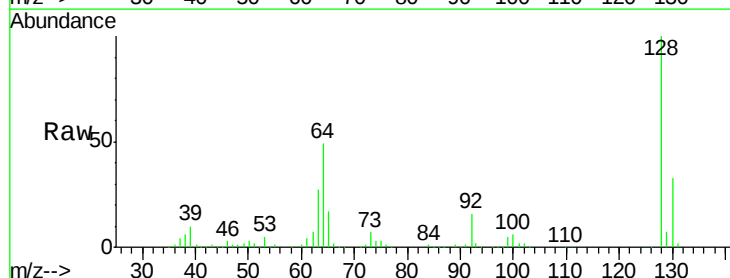
Tgt Ion: 128 Resp: 188824

Ion Ratio Lower Upper

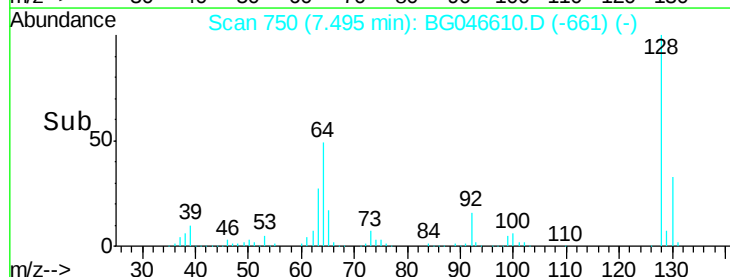
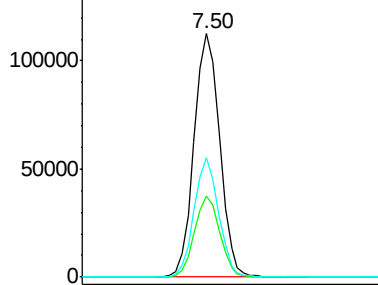
128 100

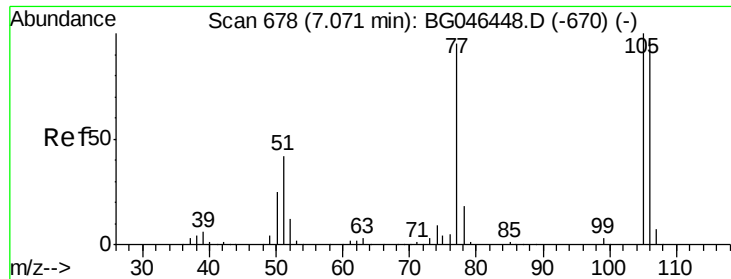
130 33.1 12.4 52.4

64 49.0 28.1 68.1



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: 27.849 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG046610.D

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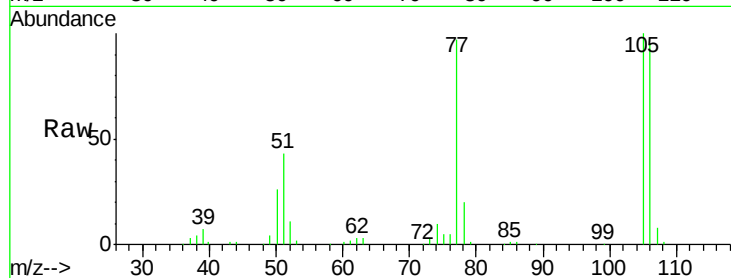
Tot Ion: 77 Resp: 79745

Ion Ratio Lower Upper

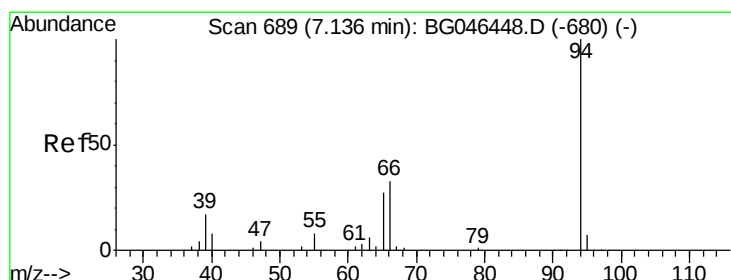
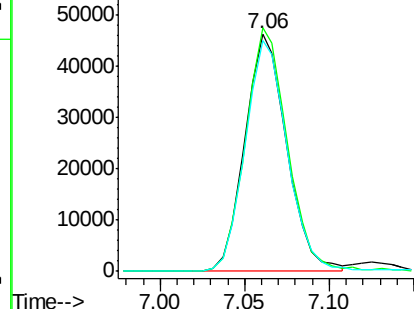
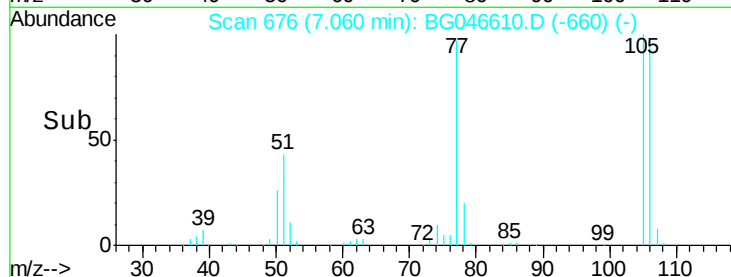
77 100

105 102.6 85.6 125.6

106 97.1 80.8 120.8



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



#10

Phenol

Concen: 50.172 ng

RT: 7.13 min Scan# 688

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

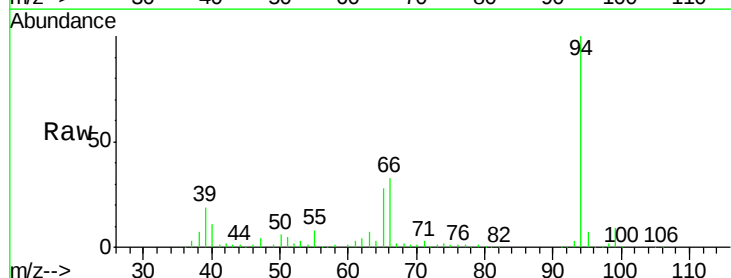
Tgt Ion: 94 Resp: 236181

Ion Ratio Lower Upper

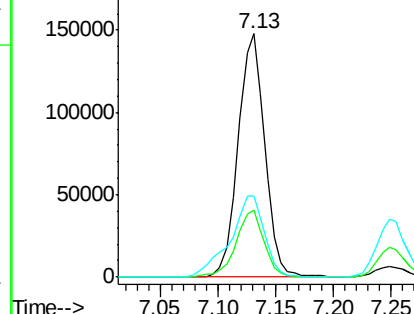
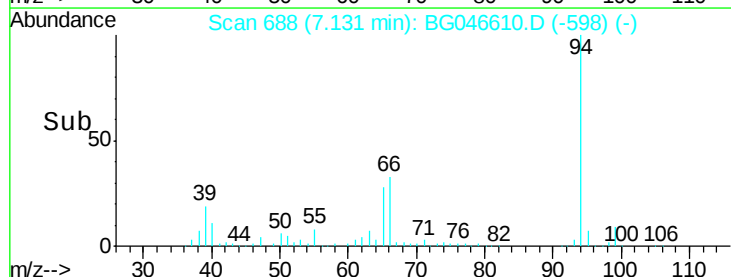
94 100

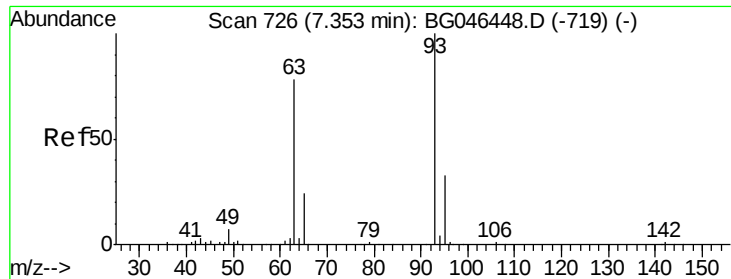
65 27.7 7.5 47.5

66 33.4 14.1 54.1



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

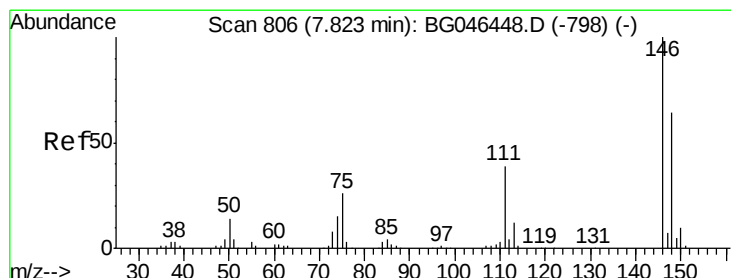
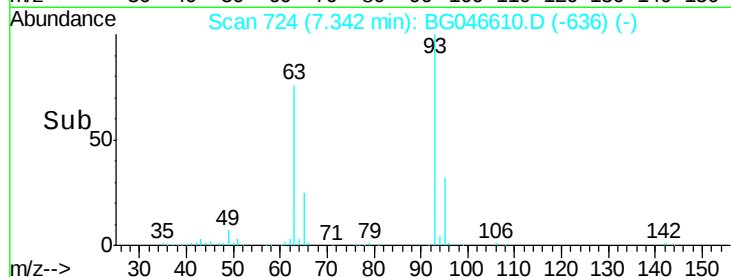
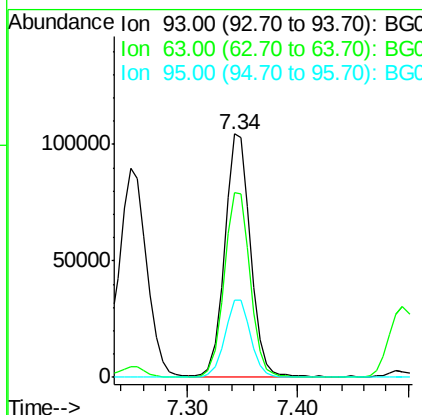
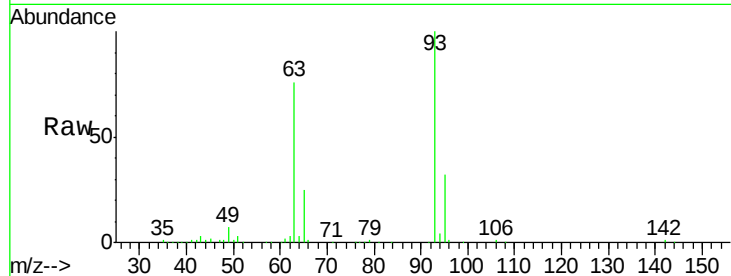




#11
bis(2-Chloroethyl)ether
Concen: 45.259 ng
RT: 7.34 min Scan# 724
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

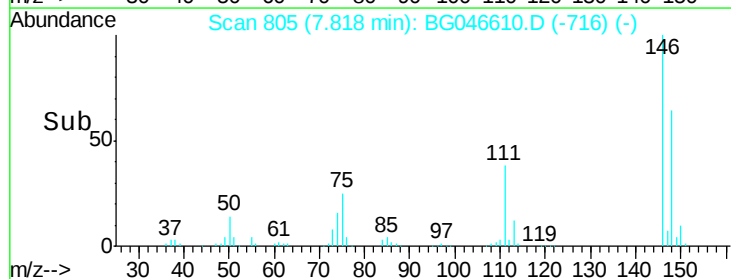
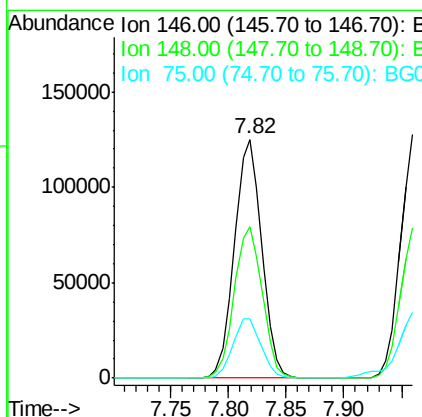
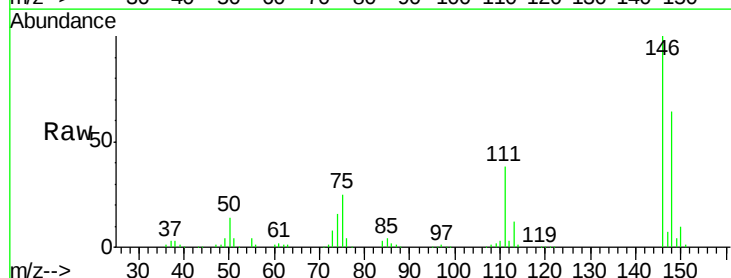
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

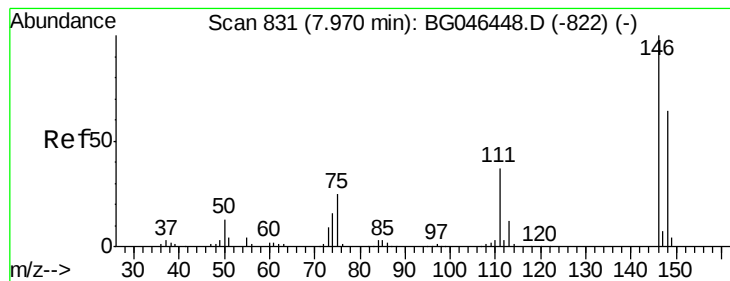
Tot Ion	93	Resp	171255
Ion	Ratio	Lower	Upper
93	100		
63	76.1	57.7	97.7
95	31.8	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 42.334 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion	146	Resp	204806
Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.0
75	25.1	20.7	31.1





#13

1,4-Dichlorobenzene

Concen: 42.775 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

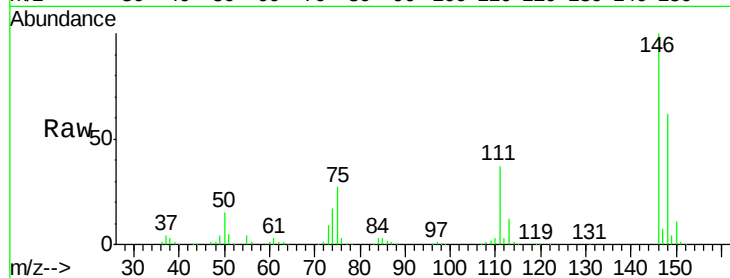
Tot Ion:146 Resp: 207176

Ion Ratio Lower Upper

146 100

148 61.9 50.9 76.3

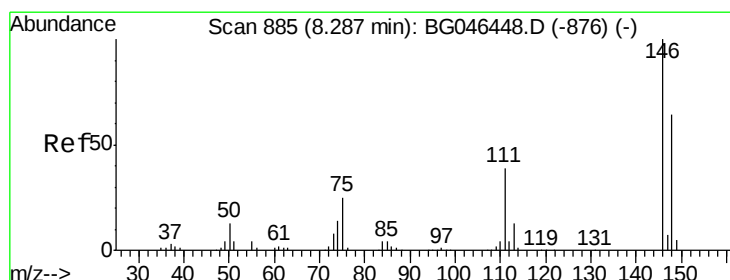
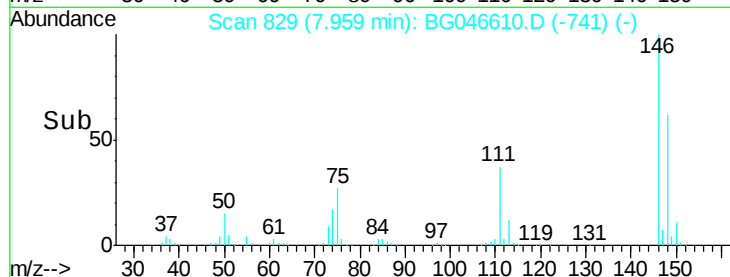
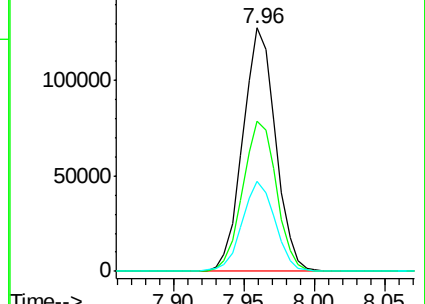
111 37.1 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.832 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

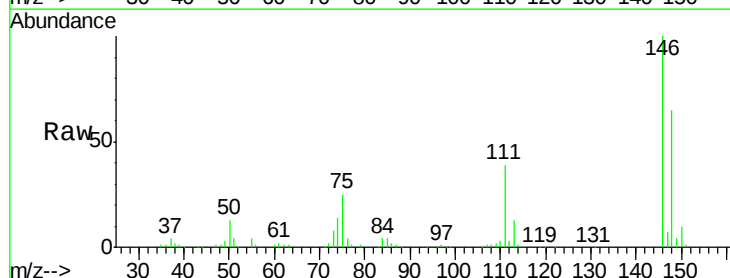
Tgt Ion:146 Resp: 203556

Ion Ratio Lower Upper

146 100

148 64.9 51.4 77.0

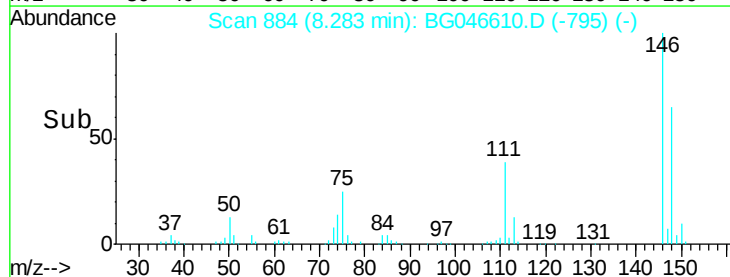
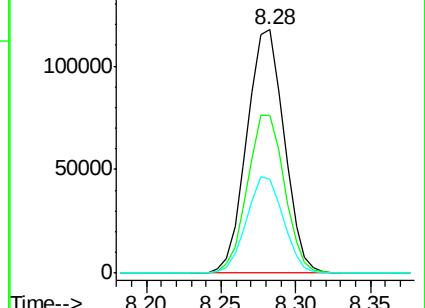
111 38.7 31.4 47.2

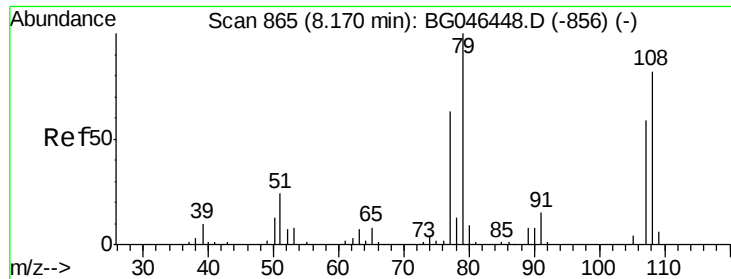


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.507 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampled :

B20-7-9MS

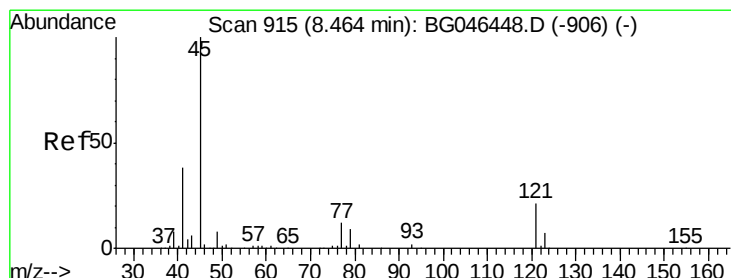
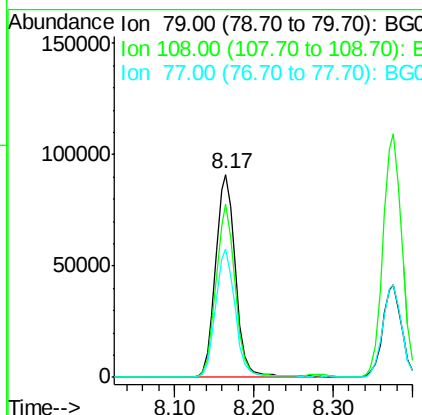
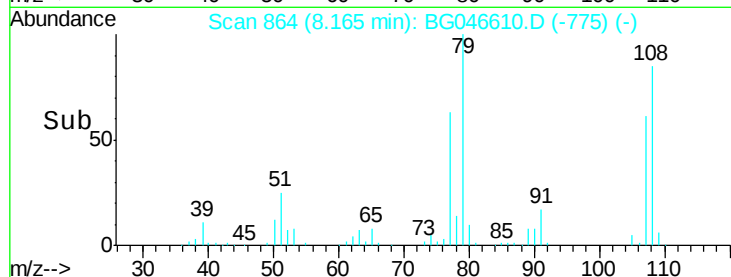
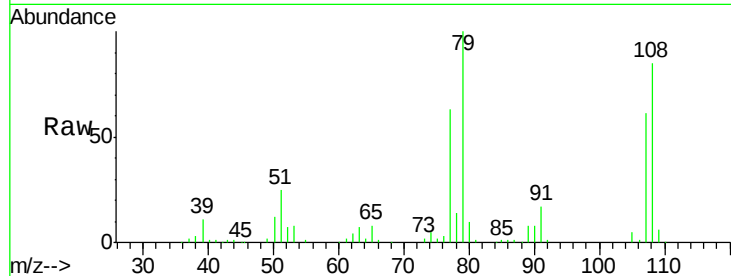
Tot Ion: 79 Resp: 159166

Ion Ratio Lower Upper

79 100

108 85.1 65.7 98.5

77 63.3 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.806 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

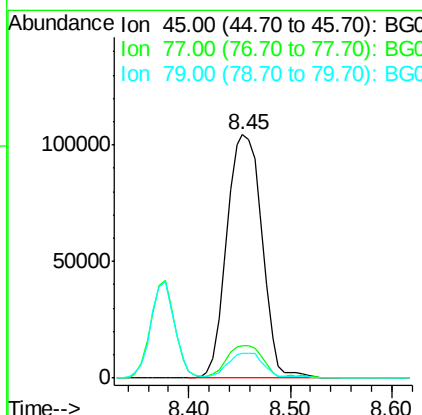
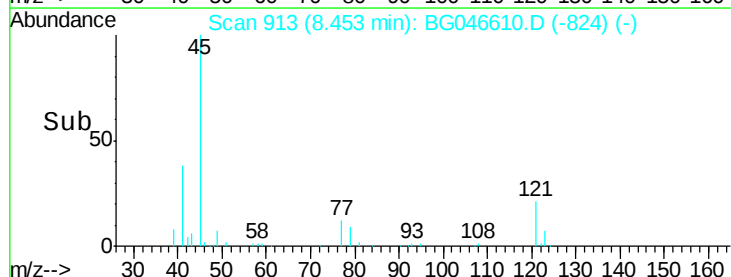
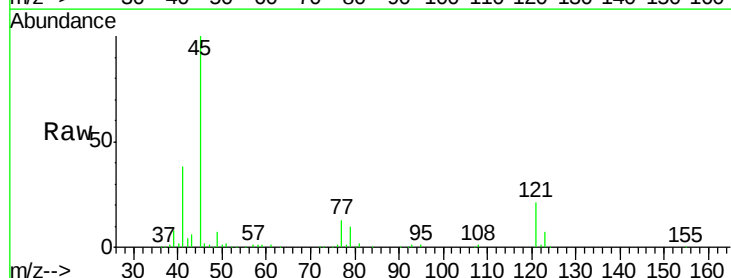
Tgt Ion: 45 Resp: 251241

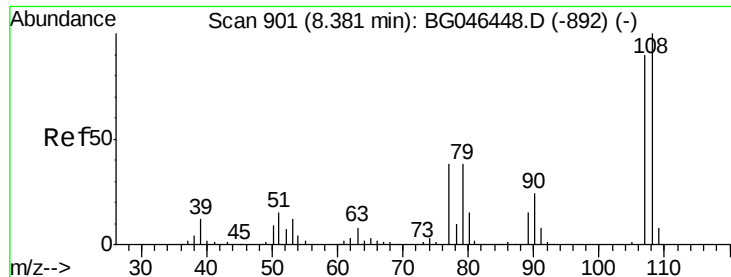
Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.2

79 10.3 0.0 30.3





#17

2-Methylphenol

Concen: 49.217 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

Tot Ion:107 Resp: 164310

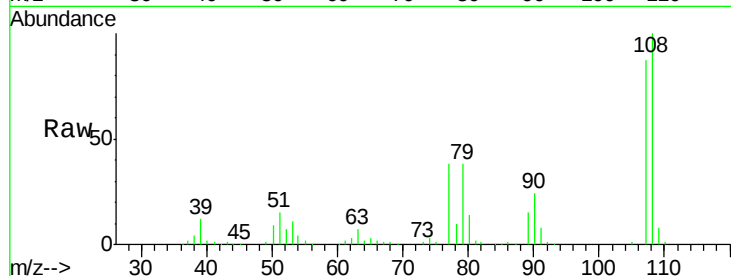
Ion Ratio Lower Upper

107 100

108 114.7 89.4 134.0

77 43.7 34.5 51.7

79 43.7 33.8 50.6

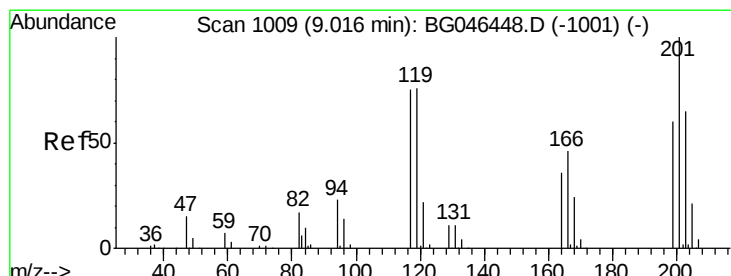
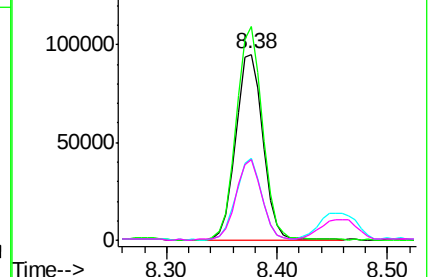
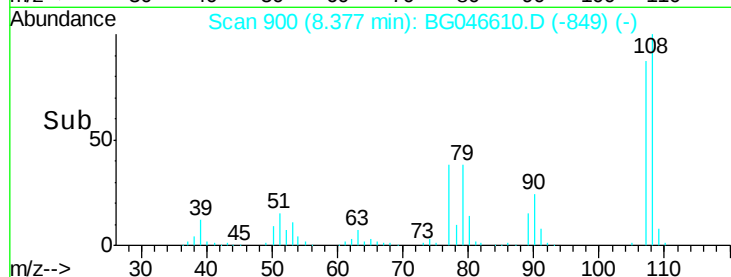


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.929 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

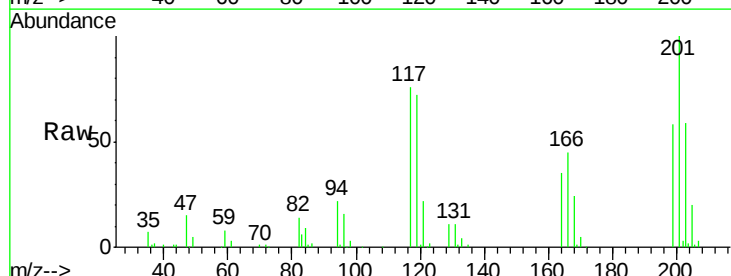
Tgt Ion:117 Resp: 68855

Ion Ratio Lower Upper

117 100

119 94.5 80.8 121.2

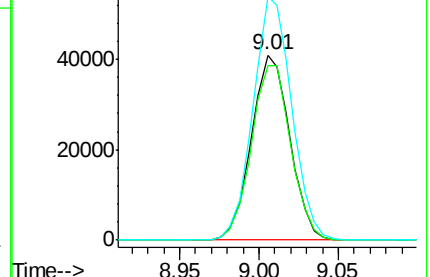
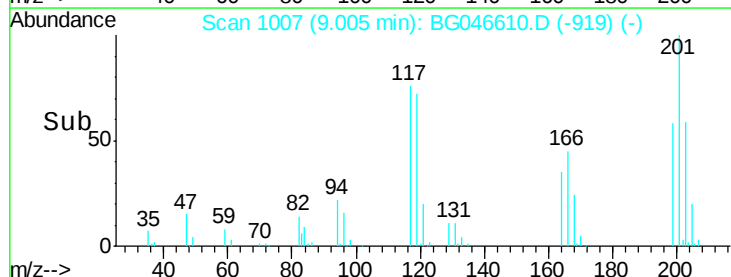
201 131.8 106.7 160.1

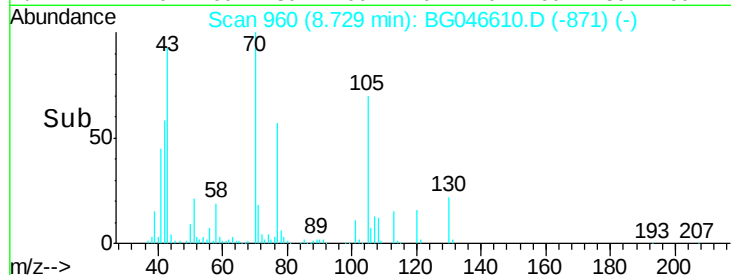
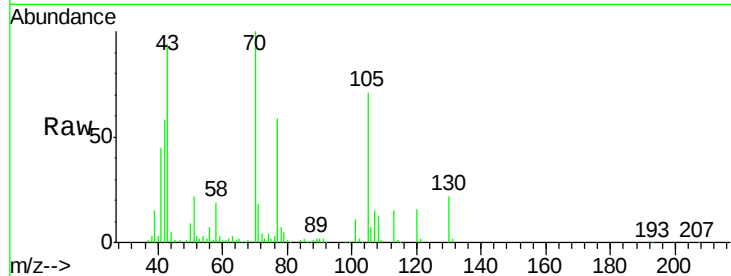
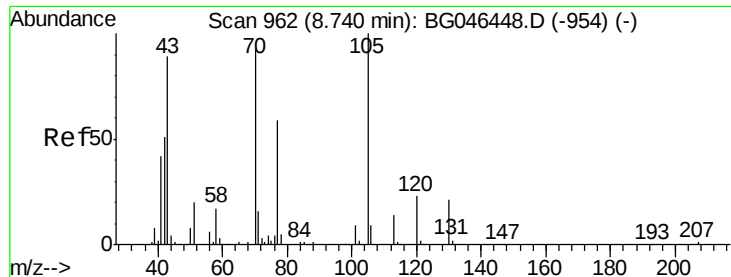


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

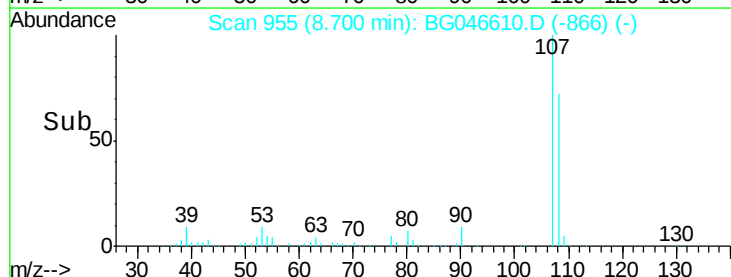
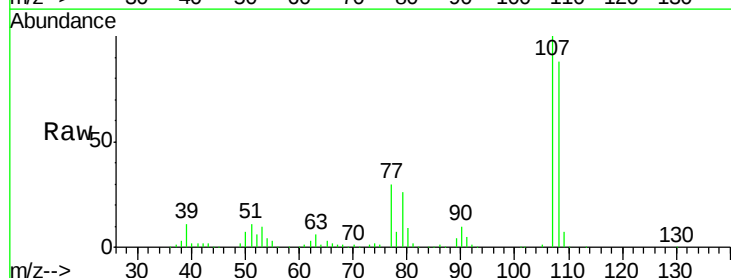
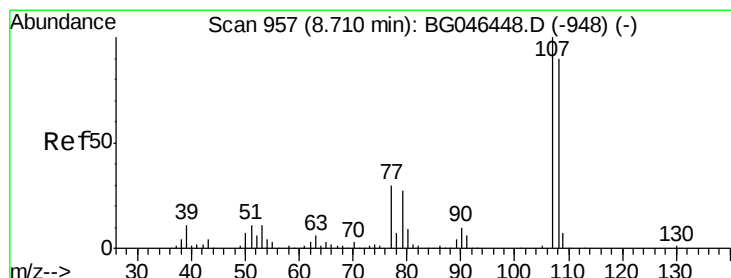
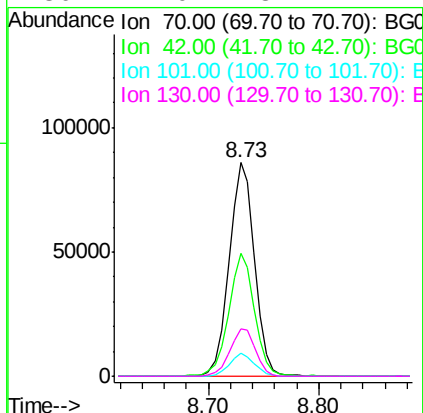




#19
n-Nitroso-di-n-propylamine
Concen: 45.077 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

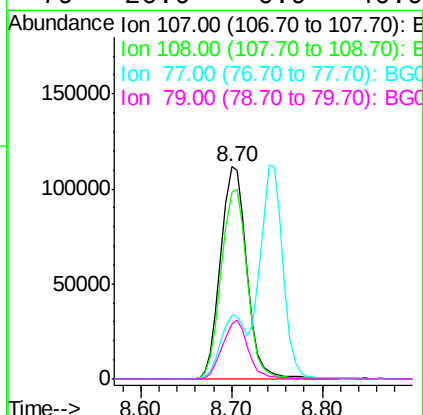
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

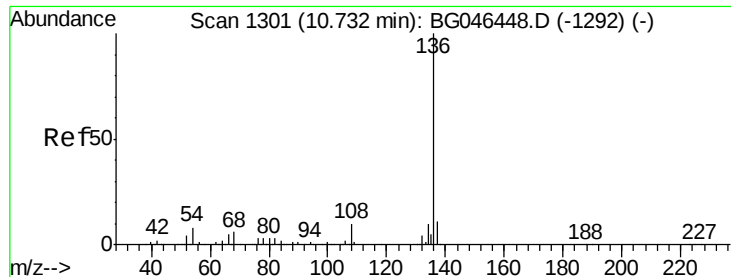
Tot Ion:	70	Resp:	137807
Ion	Ratio	Lower	Upper
70	100		
42	57.7	44.2	66.2
101	10.9	7.8	11.8
130	22.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.894 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:	107	Resp:	225303
Ion	Ratio	Lower	Upper
107	100		
108	88.5	69.7	109.7
77	30.4	9.7	49.7
79	26.0	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

Tot Ion:136 Resp: 264721

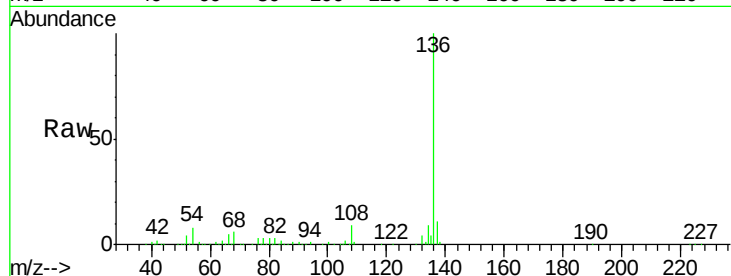
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.1 9.1

68 5.9 4.8 7.2

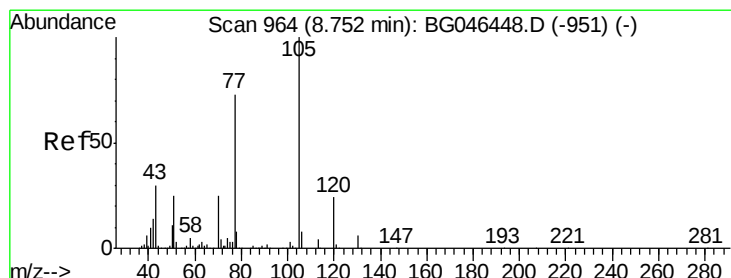
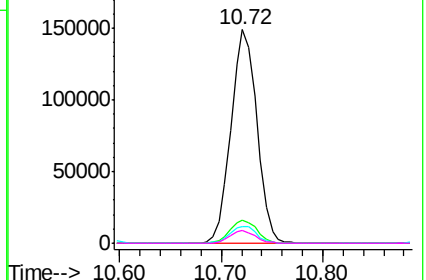
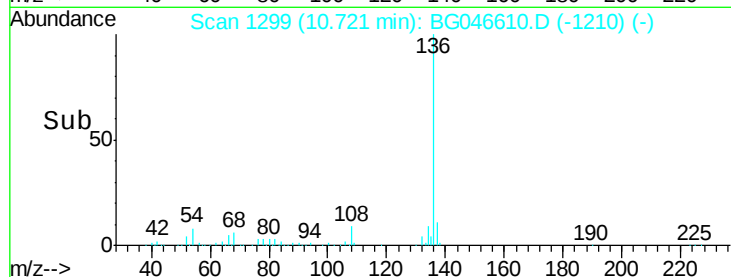


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.120 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Tgt Ion:105 Resp: 264973

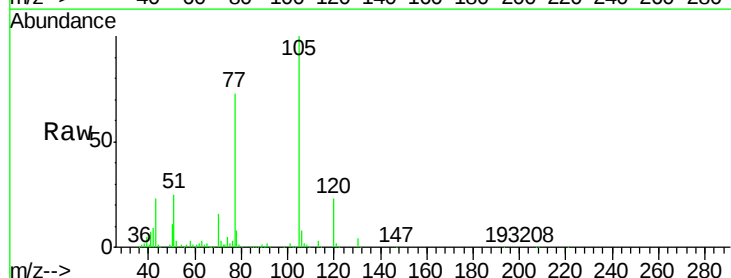
Ion Ratio Lower Upper

105 100

71 2.7 3.3 4.9#

51 24.5 20.6 31.0

120 23.3 19.0 28.6

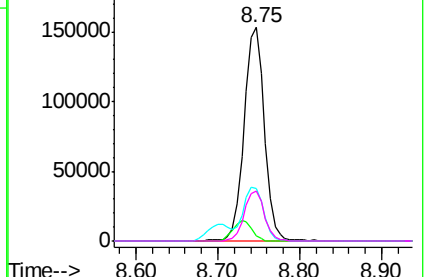
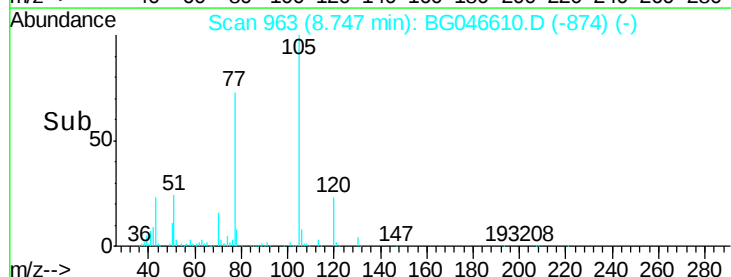


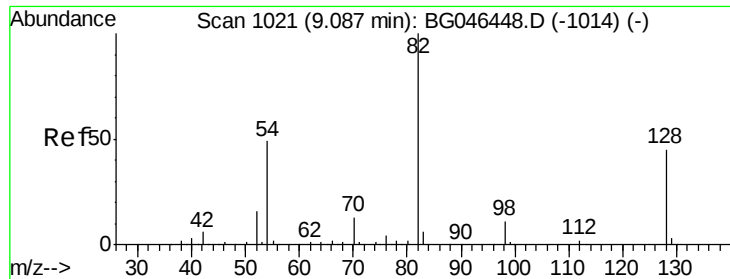
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

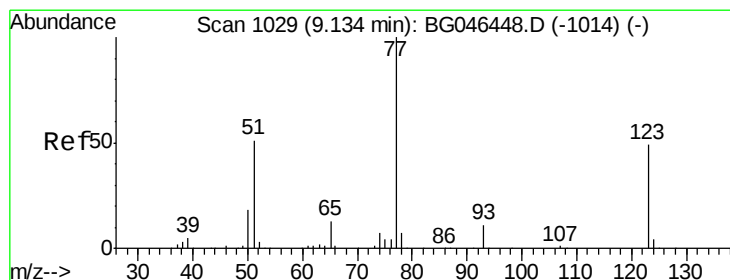
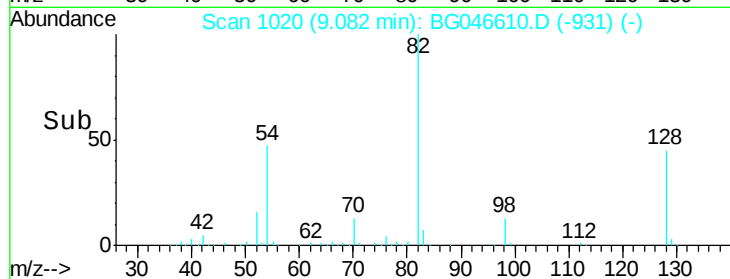
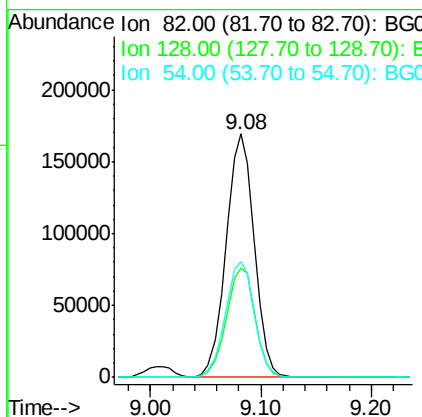
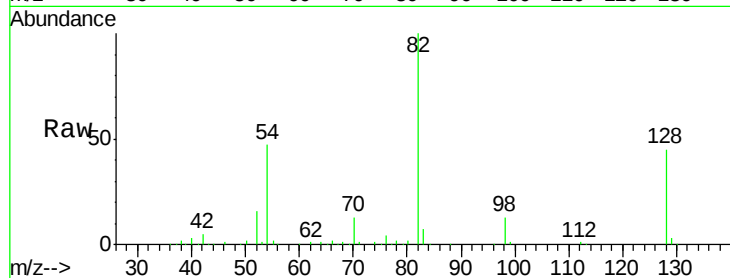




#23
Nitrobenzene-d5
Concen: 65.105 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

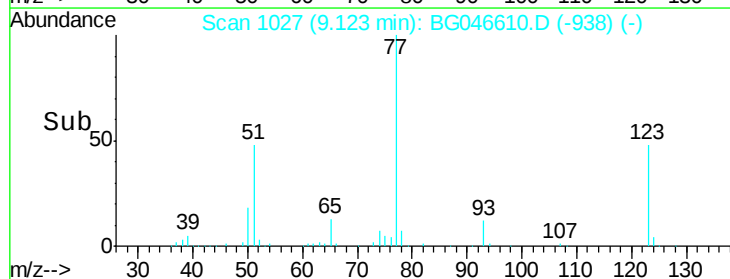
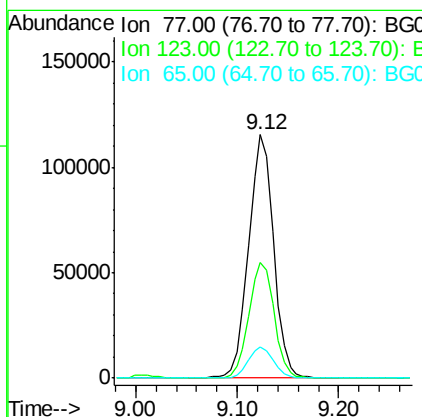
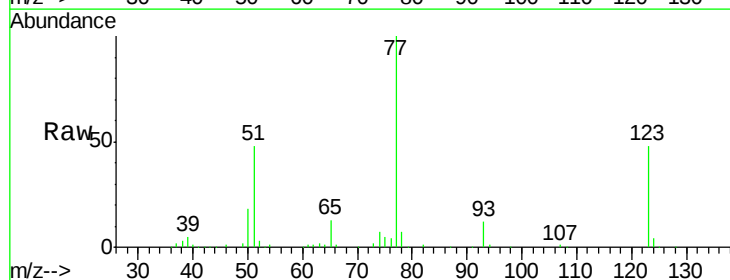
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

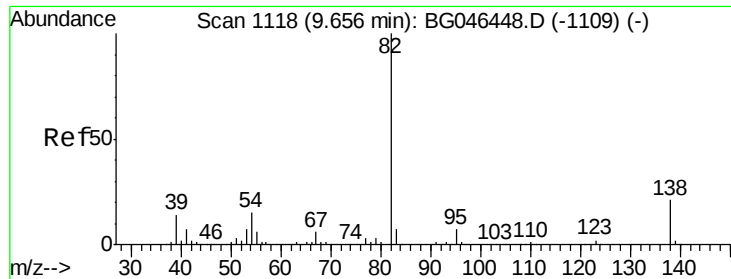
Tot Ion: 82 Resp: 301541
Ion Ratio Lower Upper
82 100
128 44.6 35.7 53.5
54 47.4 39.4 59.0



#24
Nitrobenzene
Concen: 43.163 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion: 77 Resp: 197505
Ion Ratio Lower Upper
77 100
123 47.7 39.6 59.4
65 12.9 10.1 15.1





#25

Isophorone

Concen: 44.416 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

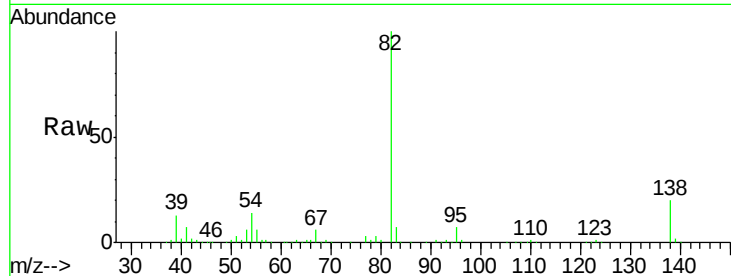
Tot Ion: 82 Resp: 377157

Ion Ratio Lower Upper

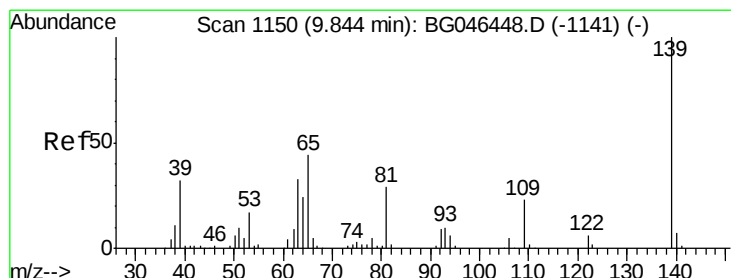
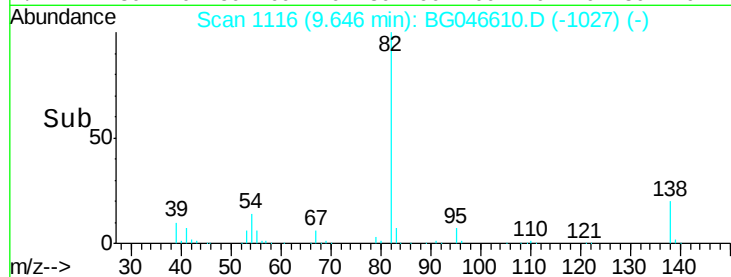
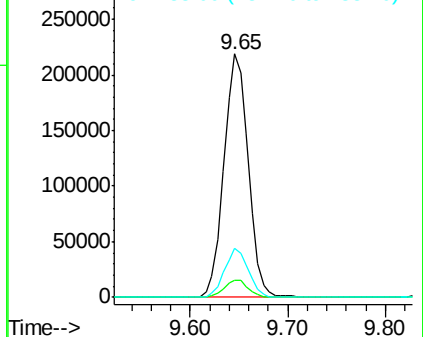
82 100

95 7.0 5.8 8.6

138 19.9 16.4 24.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 45.075 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

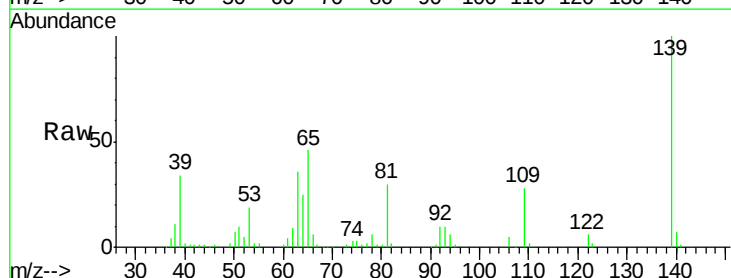
Tgt Ion: 139 Resp: 108820

Ion Ratio Lower Upper

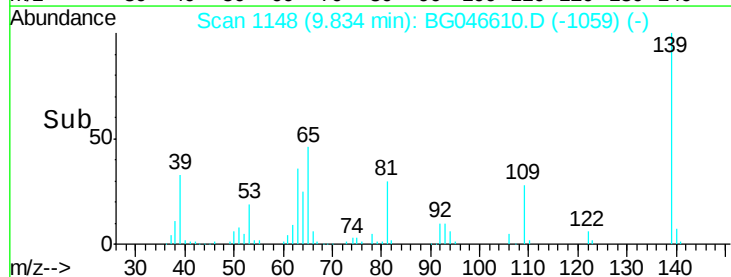
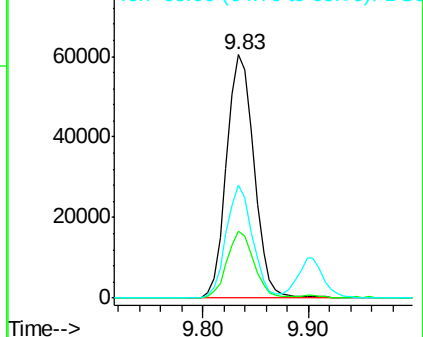
139 100

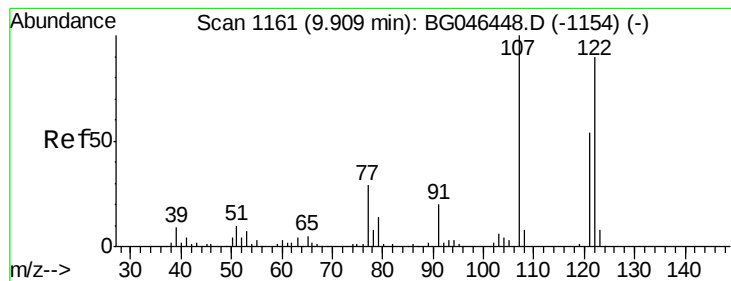
109 27.7 18.8 28.2

65 46.4 35.0 52.6



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





#27

2,4-Dimethylphenol

Concen: 54.588 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

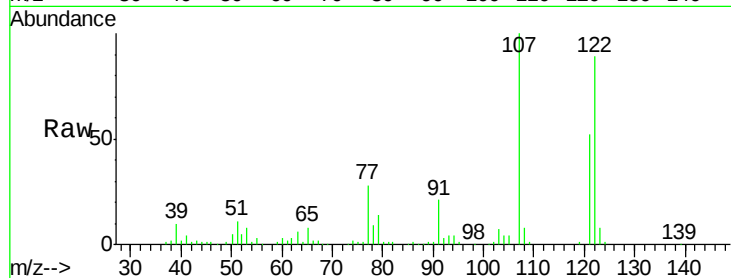
Tot Ion:122 Resp: 181259

Ion Ratio Lower Upper

122 100

107 112.9 88.2 132.2

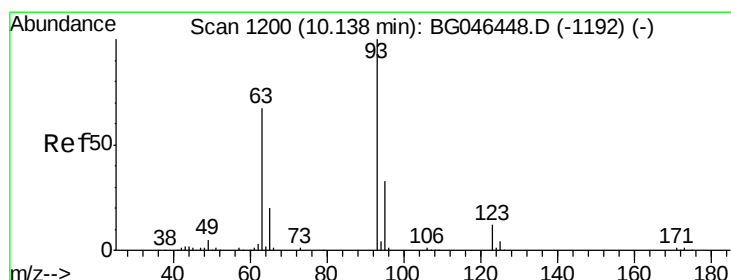
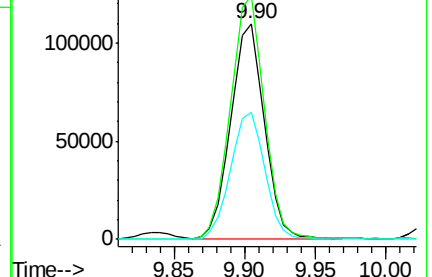
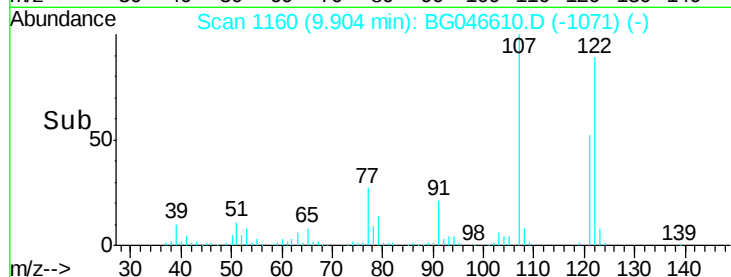
121 59.1 47.4 71.0



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: 42.660 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

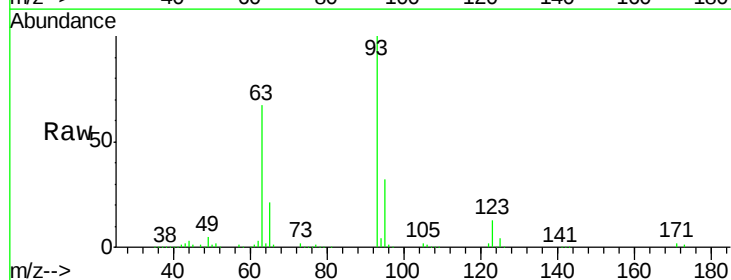
Tgt Ion: 93 Resp: 233160

Ion Ratio Lower Upper

93 100

95 32.0 26.1 39.1

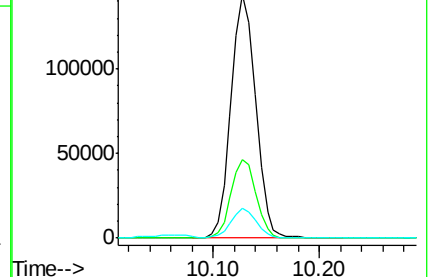
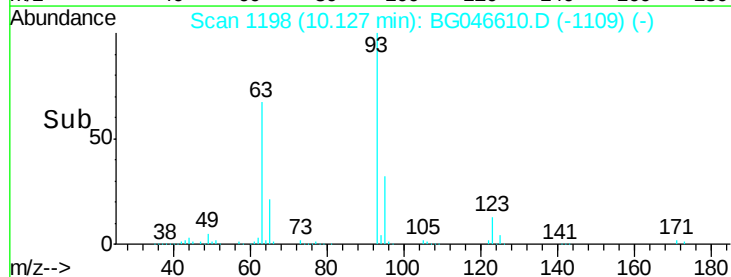
123 12.5 9.5 14.3

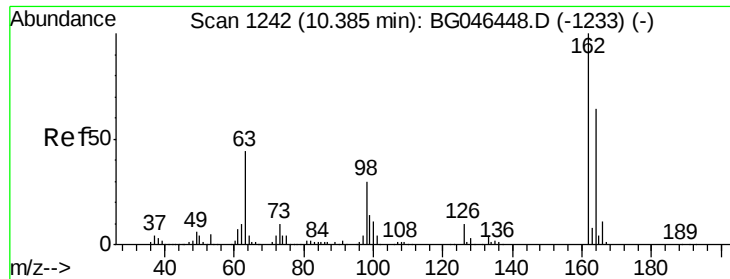


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

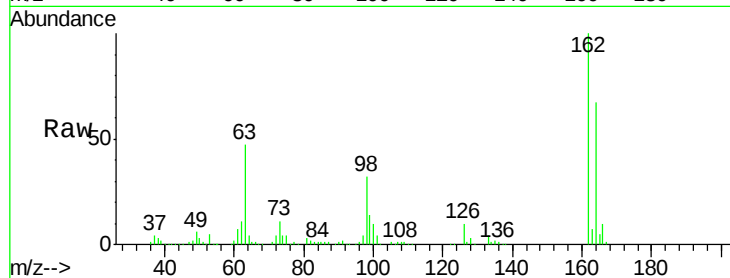




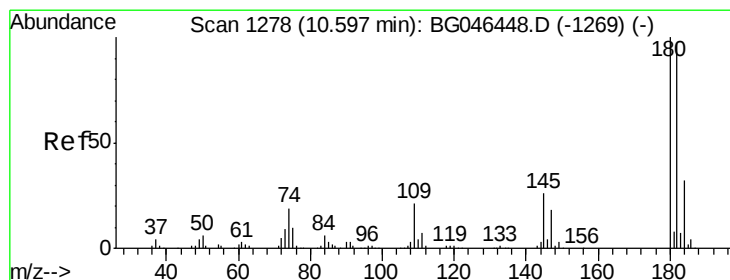
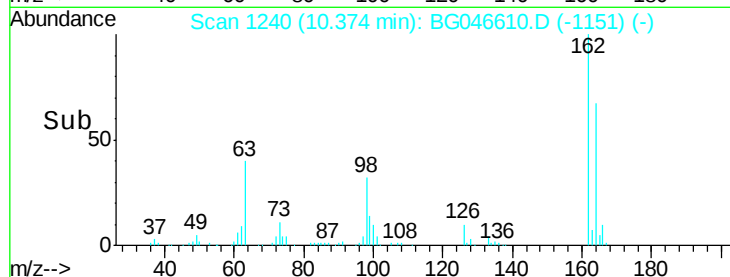
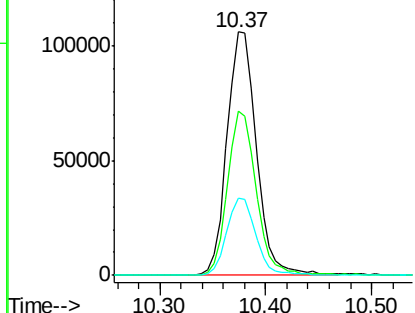
#29
 2,4-Dichlorophenol
 Concen: 46.274 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Instrument :
 BNA_G
 ClientSampled :
 B20-7-9MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.4	44.3	84.3
98	31.9	10.0	50.0

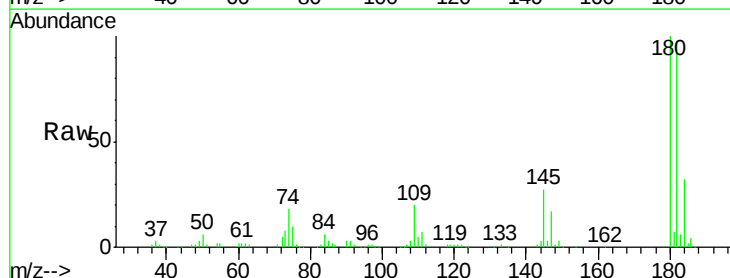


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

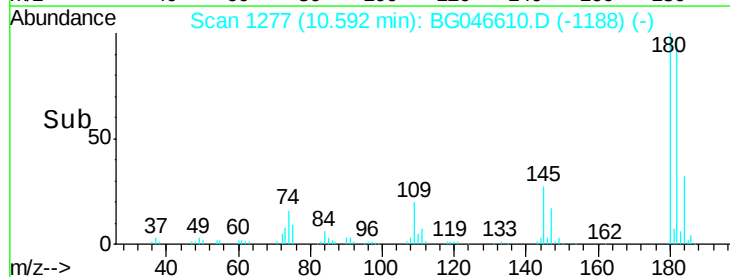
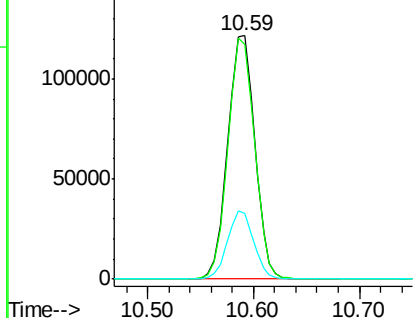


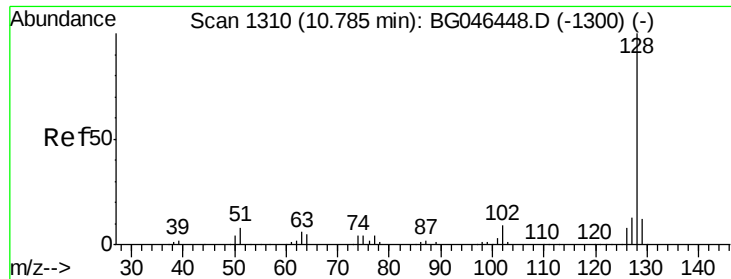
#30
 1,2,4-Trichlorobenzene
 Concen: 40.968 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.8
145	27.2	20.9	31.3



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

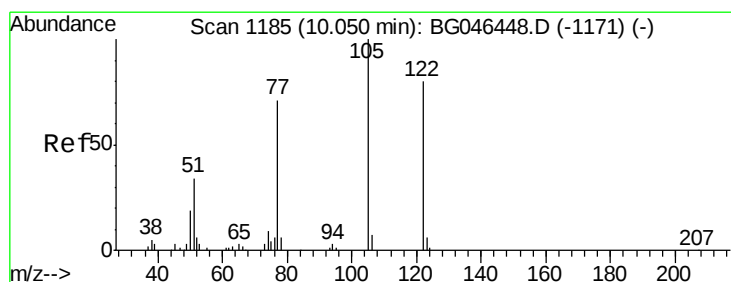
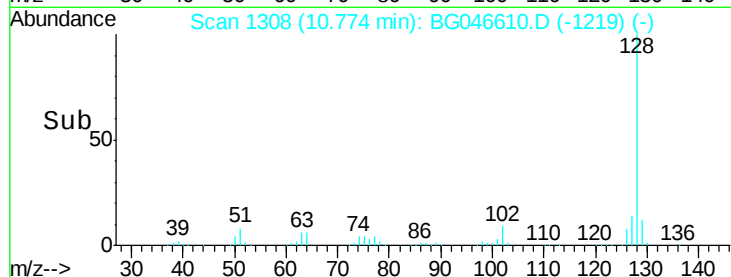
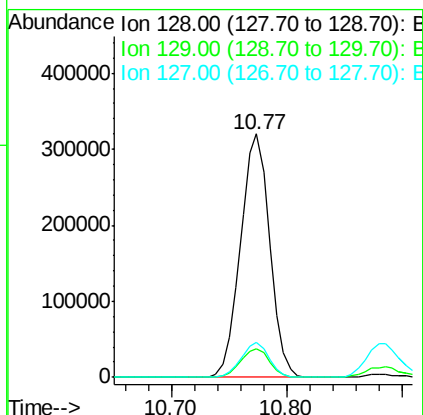
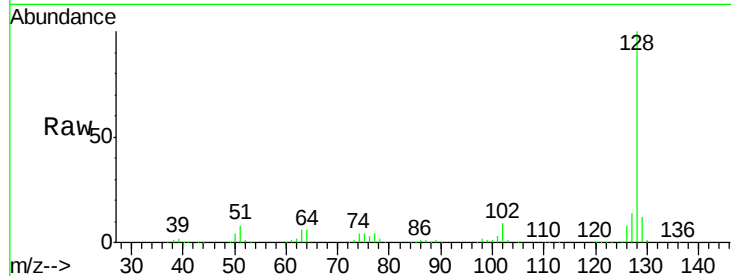




#31
Naphthalene
Concen: 43.388 ng
RT: 10.77 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

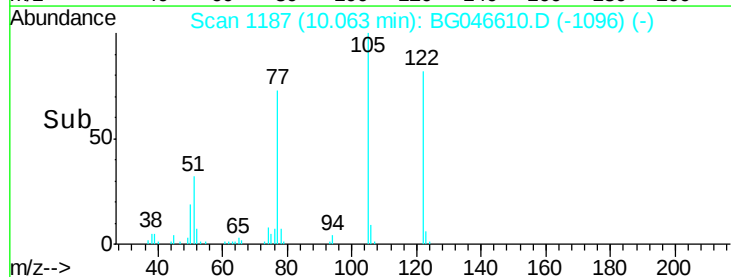
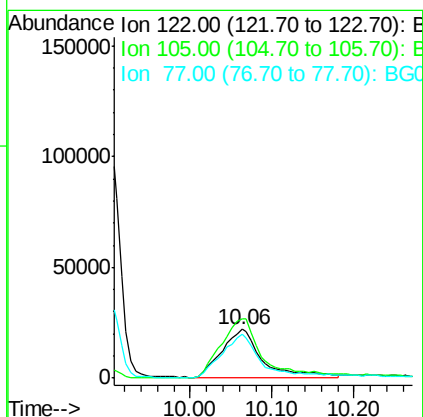
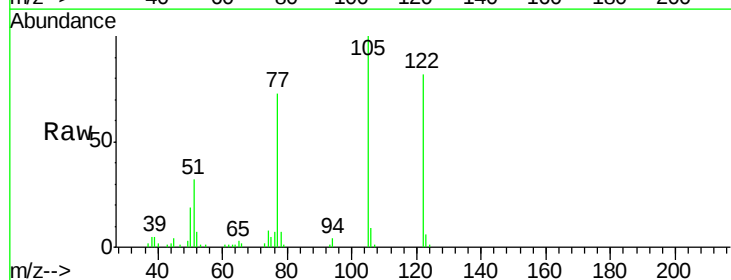
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

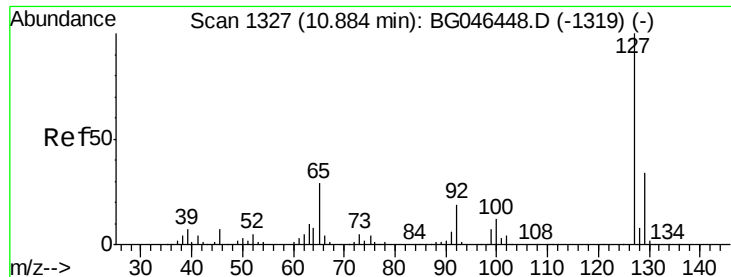
Tot Ion:128 Resp: 560802
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 33.824 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:122 Resp: 73664
Ion Ratio Lower Upper
122 100
105 121.9 102.5 142.5
77 89.4 68.2 108.2

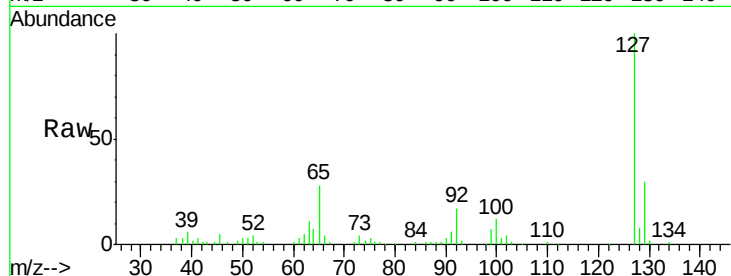




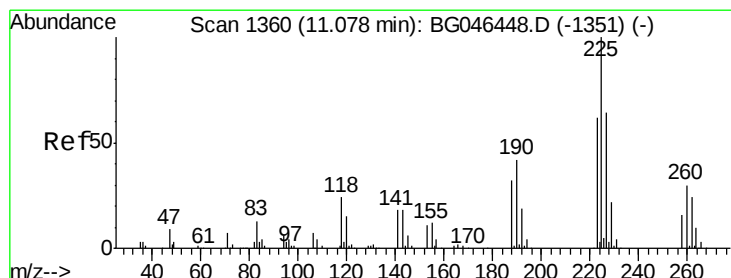
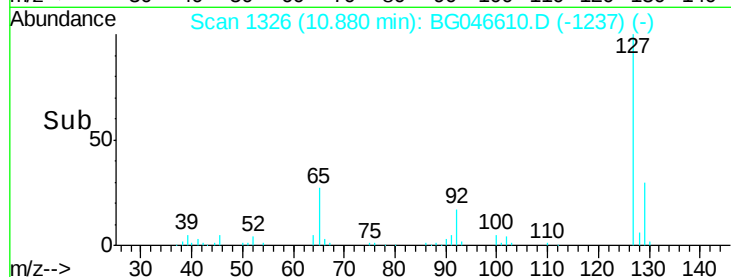
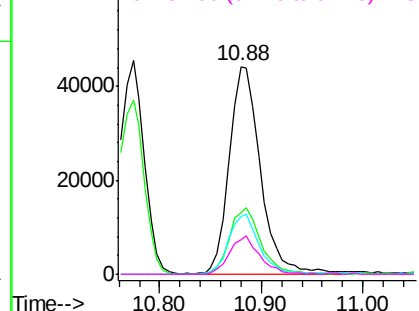
#33
4-Chloroaniline
Concen: 16.630 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

Tot Ion:	127	Resp:	94783
Ion	Ratio	Lower	Upper
127	100		
129	29.7	27.0	40.4
65	27.6	23.5	35.3
92	16.8	14.9	22.3

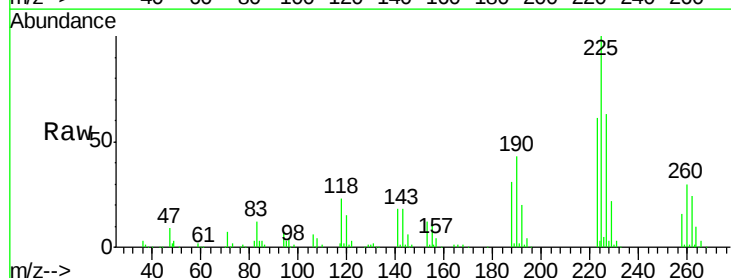


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

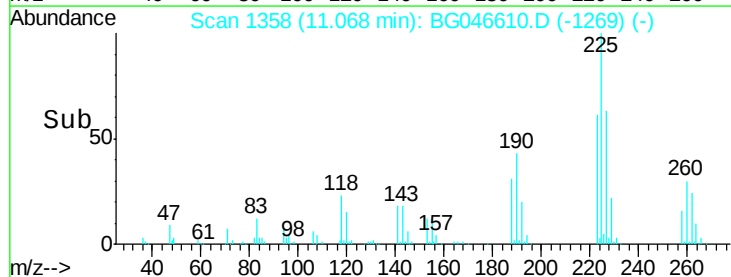
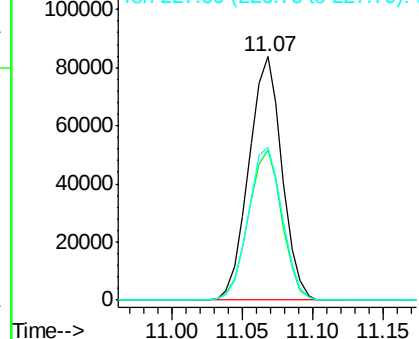


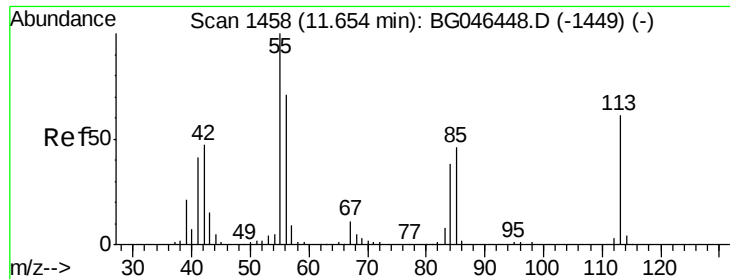
#34
Hexachlorobutadiene
Concen: 40.463 ng
RT: 11.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:	225	Resp:	137953
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.9	74.9
227	62.7	51.6	77.4



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

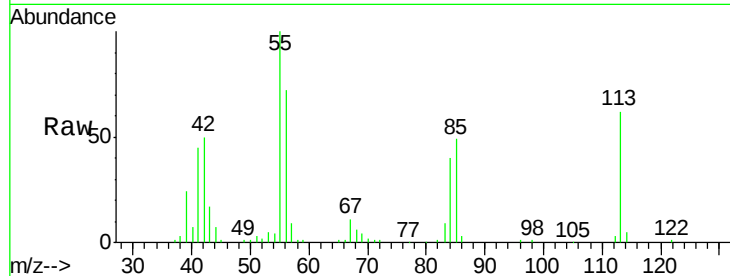




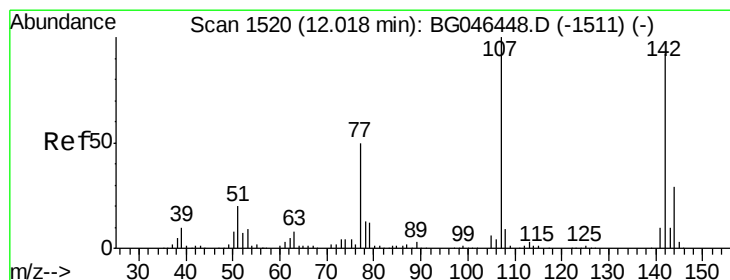
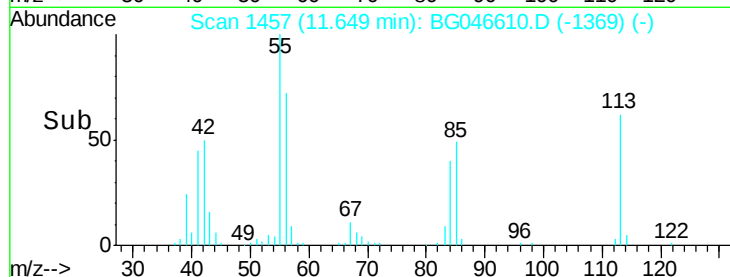
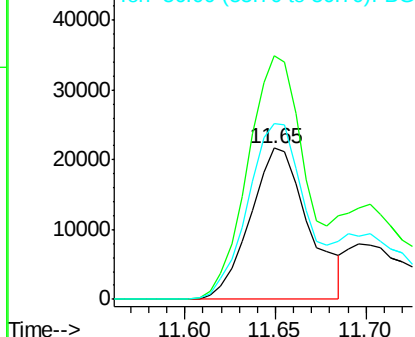
#35
 Caprolactam
 Concen: 29.302 ng
 RT: 11.65 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

Tot Ion:113 Resp: 48484
 Ion Ratio Lower Upper
 113 100
 55 161.0 144.2 184.2
 56 116.2 97.0 137.0

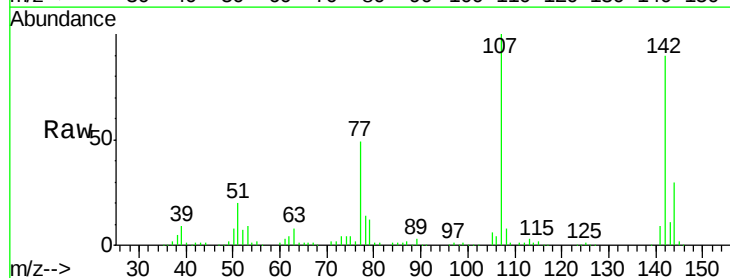


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BGO
 Ion 56.00 (55.70 to 56.70): BGO

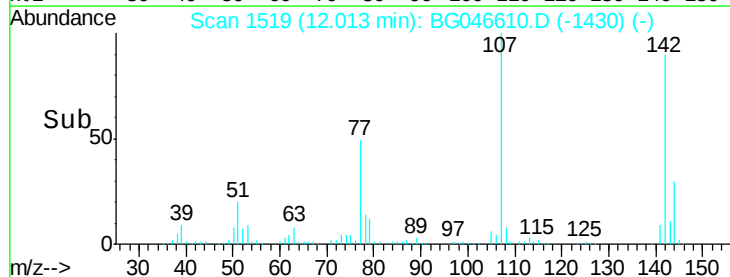
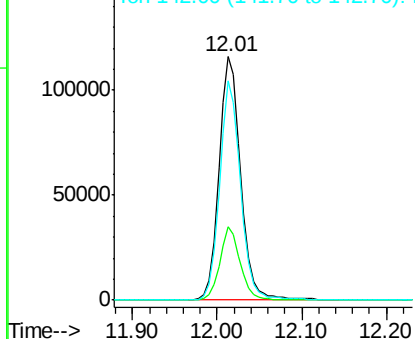


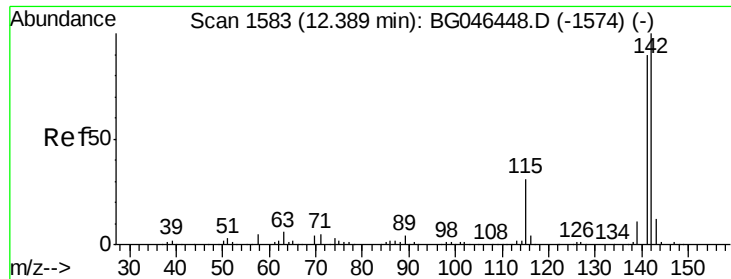
#36
 4-Chloro-3-methylphenol
 Concen: 47.663 ng
 RT: 12.01 min Scan# 1519
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion:107 Resp: 206351
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.3 34.9
 142 90.0 73.7 110.5



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

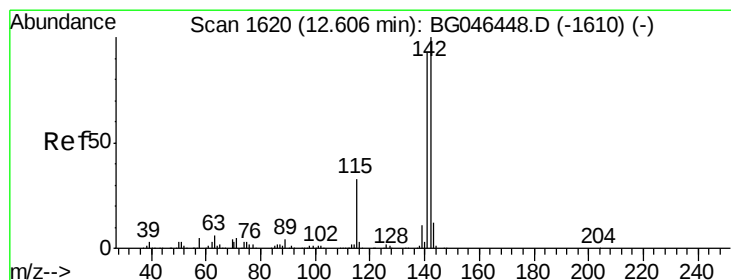
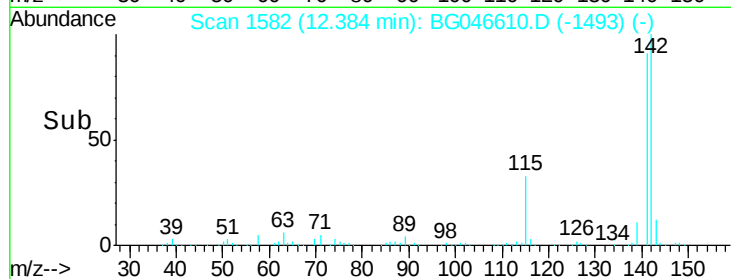
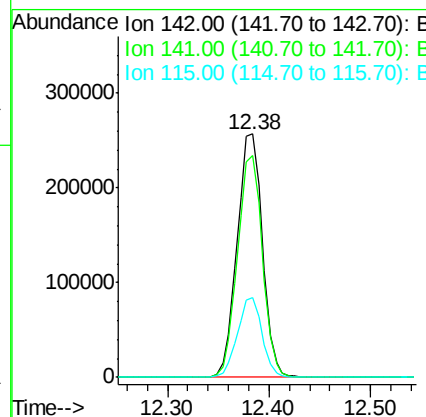
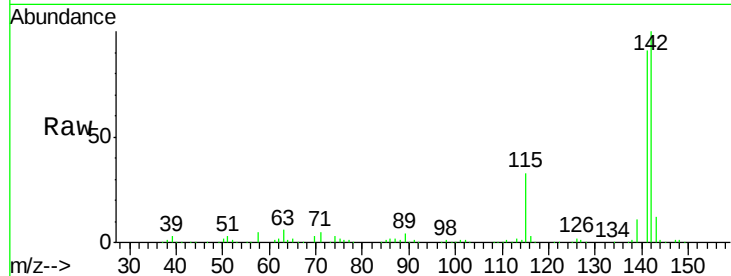




#37
2-Methylnaphthalene
Concen: 43.838 ng
RT: 12.38 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

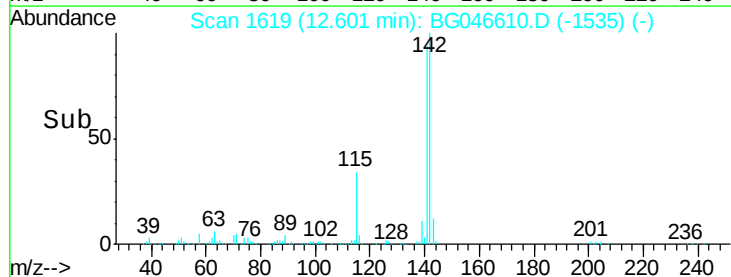
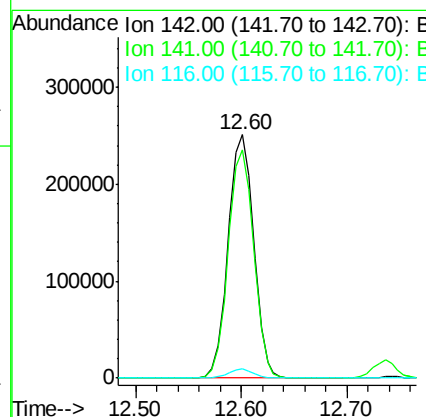
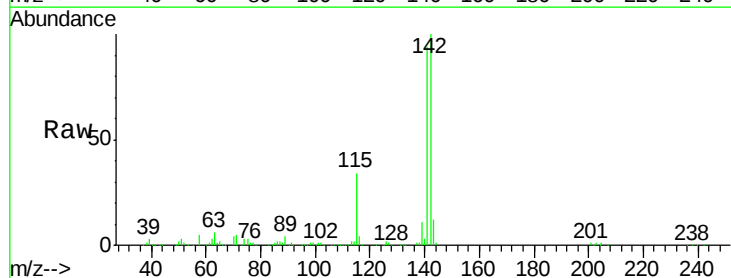
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1
115	32.6	24.9	37.3



#38
1-Methylnaphthalene
Concen: 43.326 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.7	112.1
116	3.6	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

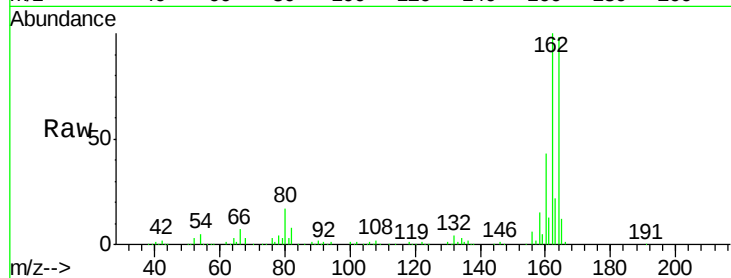
Tot Ion:164 Resp: 187951

Ion Ratio Lower Upper

164 100

162 101.6 83.3 124.9

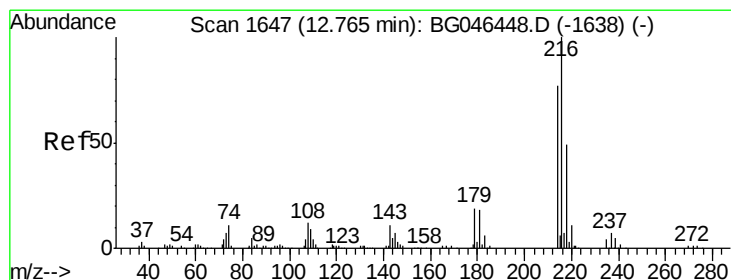
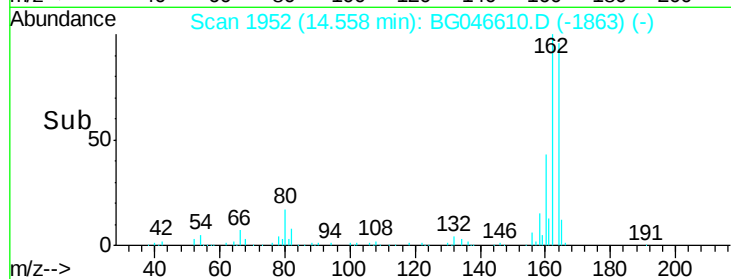
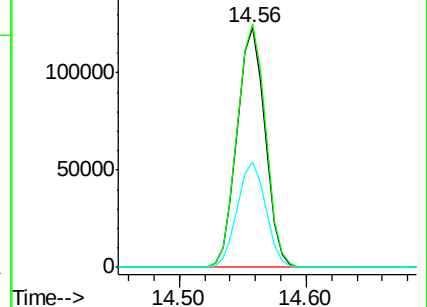
160 44.1 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.934 ng

RT: 12.75 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Tgt Ion:216 Resp: 266100

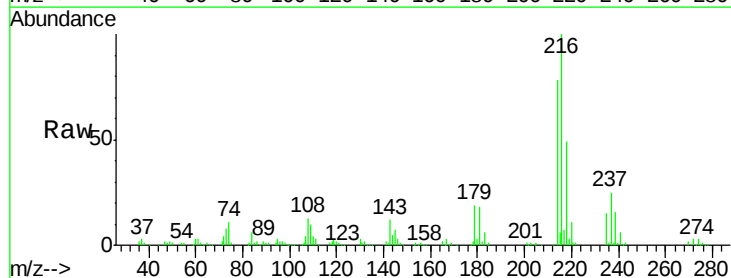
Ion Ratio Lower Upper

216 100

214 77.0 62.1 93.1

179 18.5 14.9 22.3

108 14.8 10.5 15.7

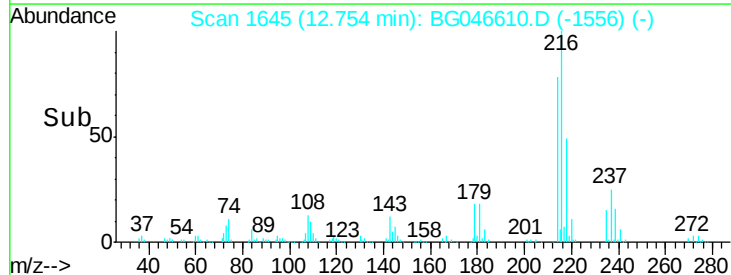
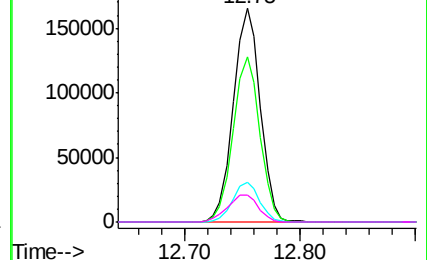


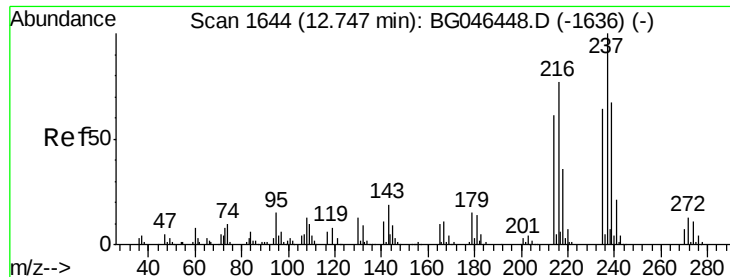
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 102.506 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

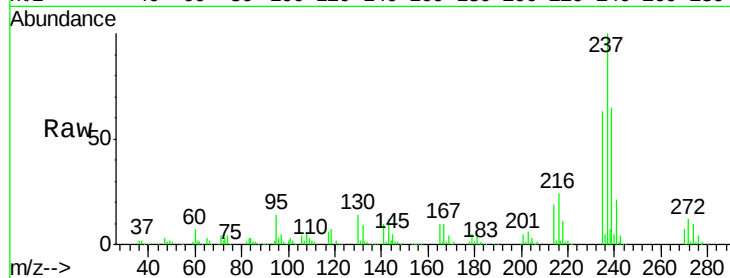
Tot Ion:237 Resp: 276255

Ion Ratio Lower Upper

237 100

235 63.3 44.5 84.5

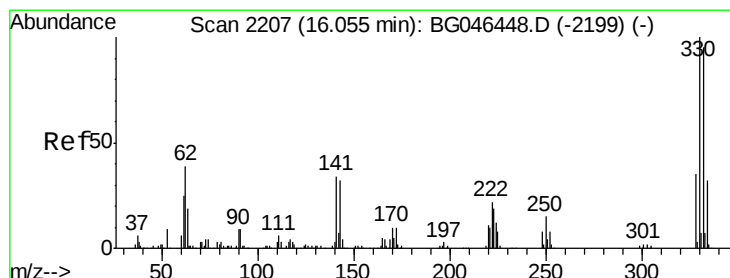
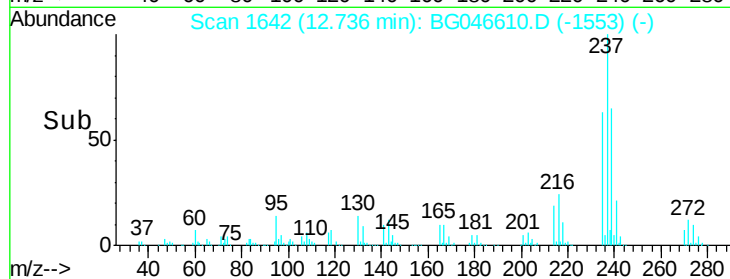
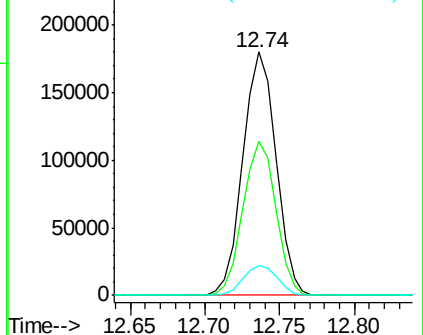
272 12.4 0.0 32.8



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: 91.030 ng

RT: 16.05 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

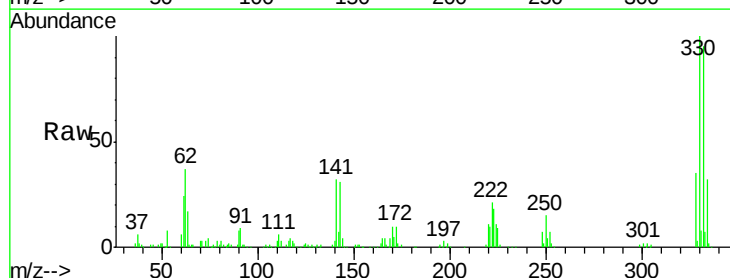
Tgt Ion:330 Resp: 231817

Ion Ratio Lower Upper

330 100

332 96.7 76.1 114.1

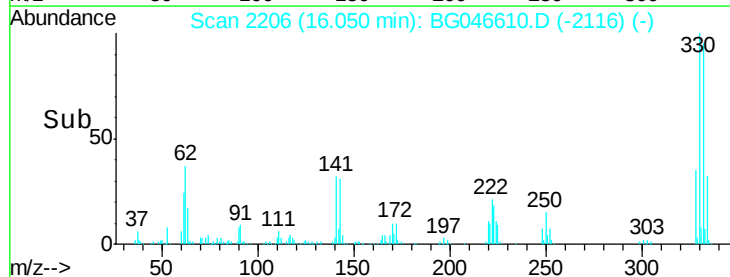
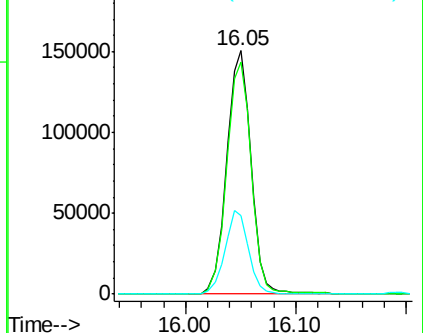
141 33.2 26.1 39.1

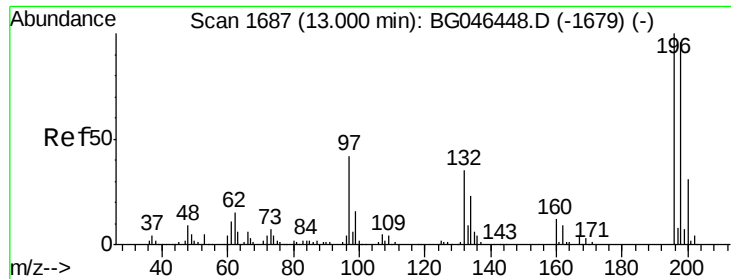


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

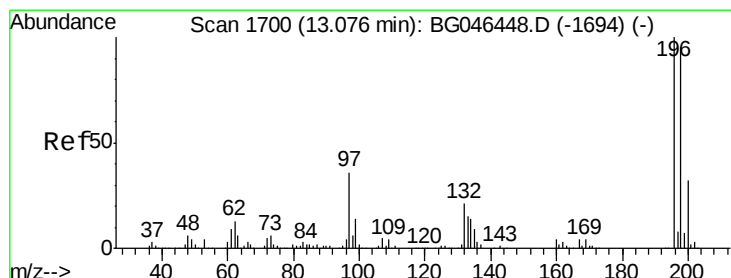
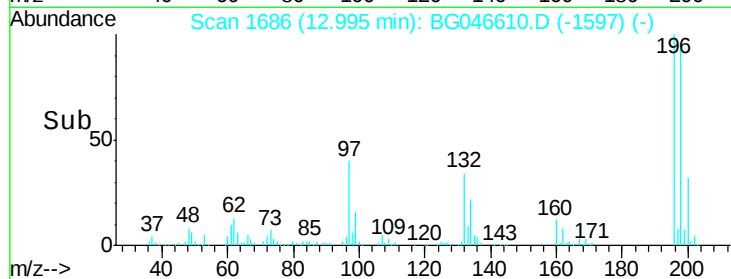
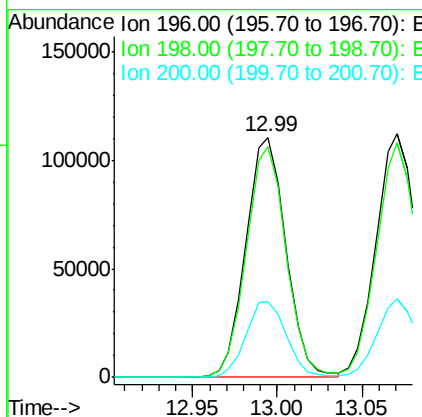
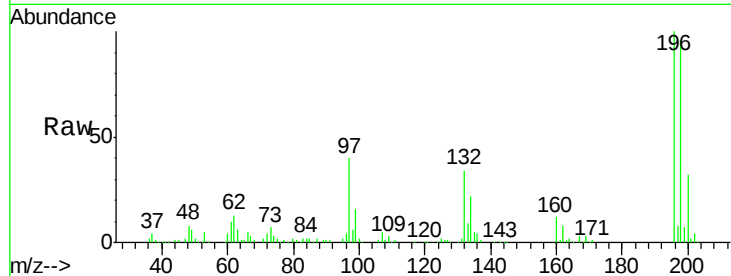




#43
 2,4,6-Trichlorophenol
 Concen: 43.703 ng
 RT: 12.99 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

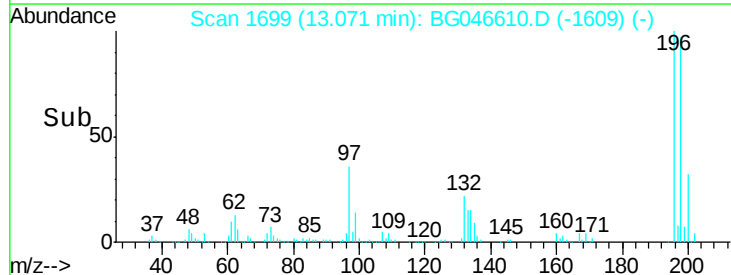
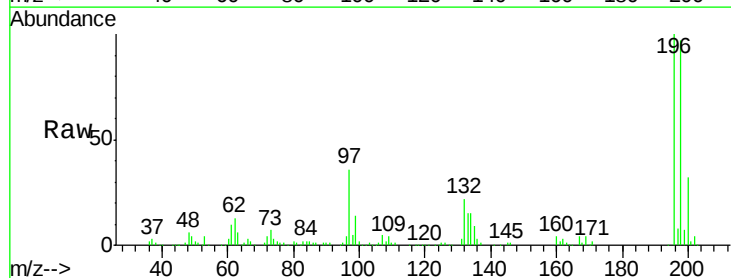
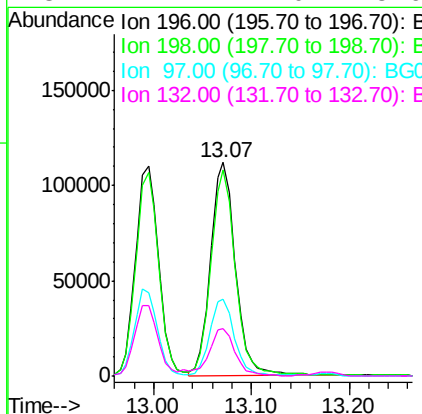
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

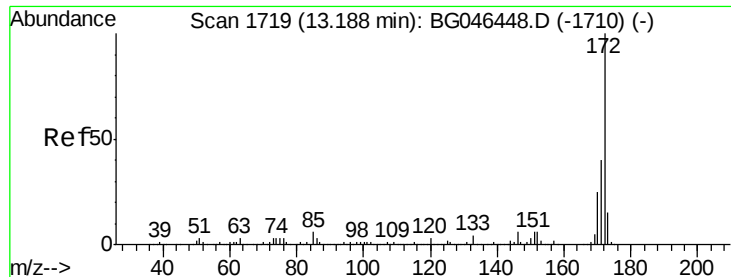
Tot Ion:196 Resp: 182792
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.0 115.6
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 45.032 ng
 RT: 13.07 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion:196 Resp: 197891
 Ion Ratio Lower Upper
 196 100
 198 96.6 75.6 113.4
 97 35.8 28.6 43.0
 132 22.2 17.0 25.6

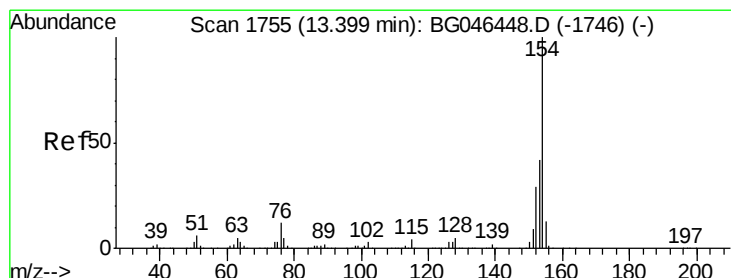
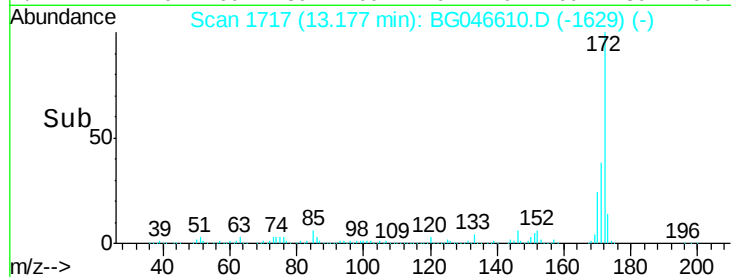
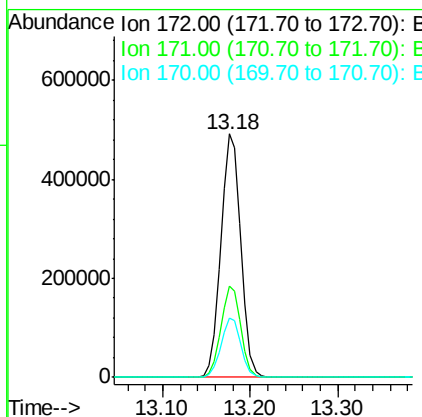
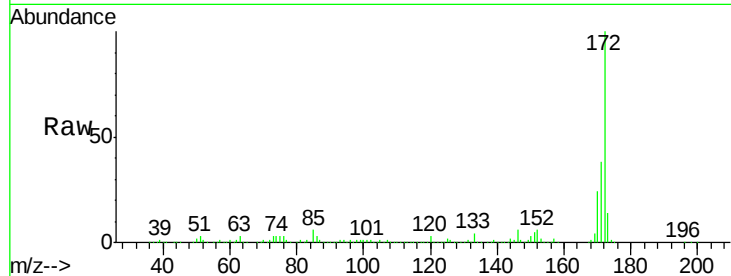




#45
 2-Fluorobiphenyl
 Concen: 62.892 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

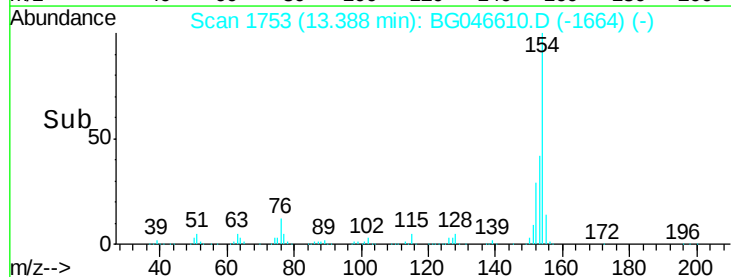
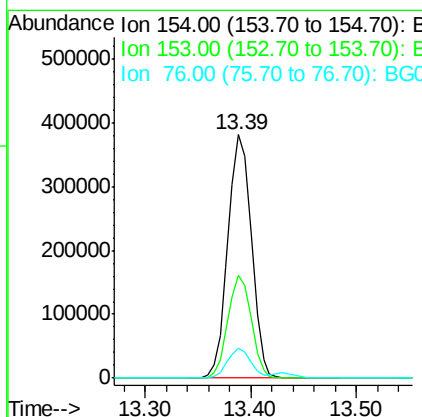
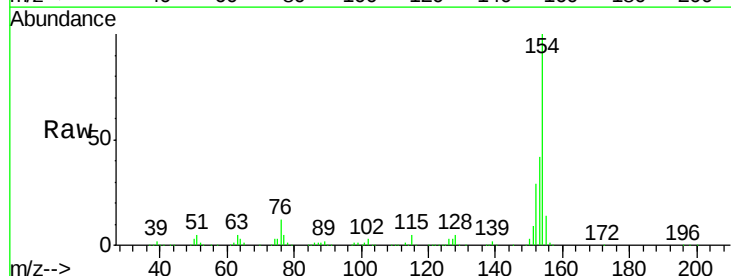
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

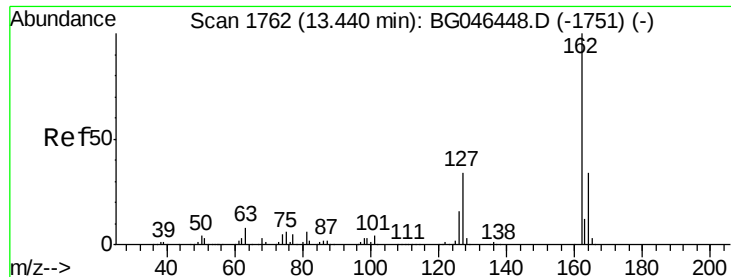
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.8	47.6
170	24.3	20.3	30.5



#46
 1,1'-Biphenyl
 Concen: 44.903 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.0	62.0
76	12.1	0.0	32.3

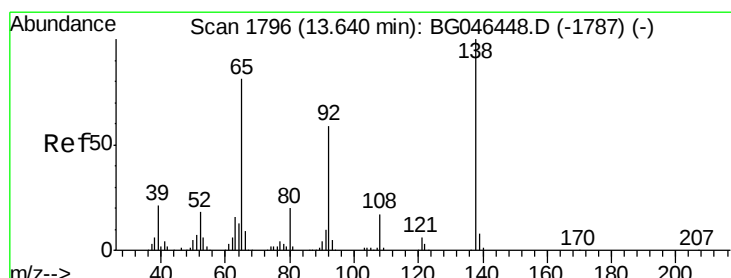
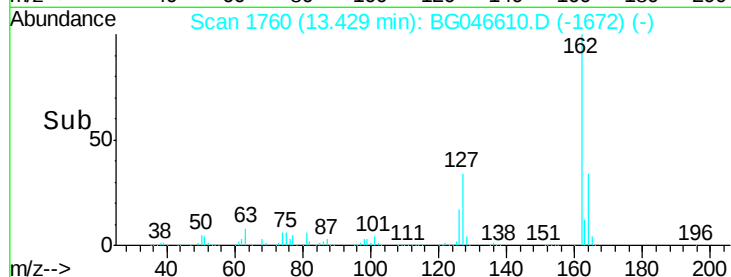
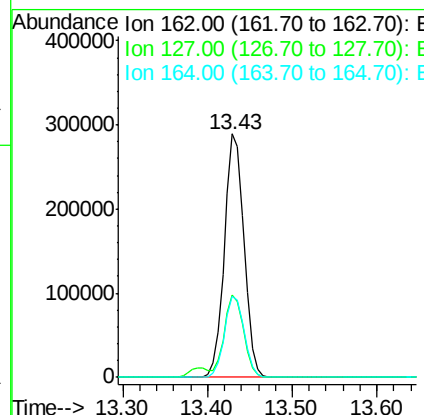
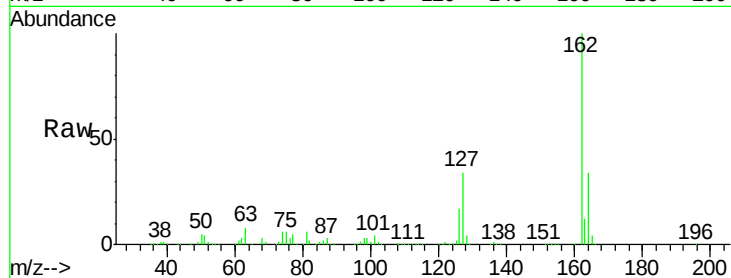




#47
2-Chloronaphthalene
Concen: 42.142 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

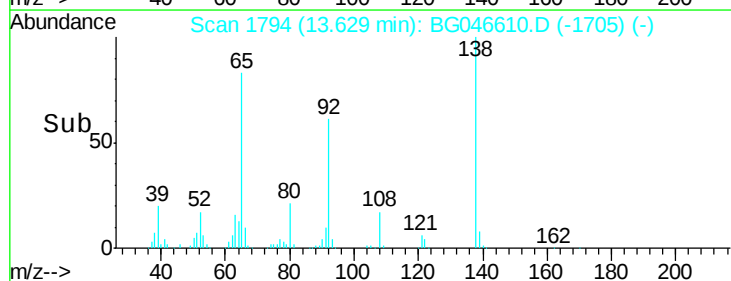
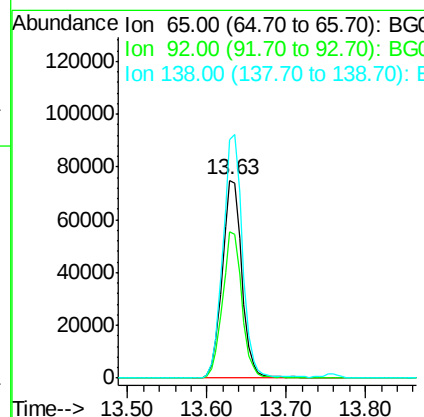
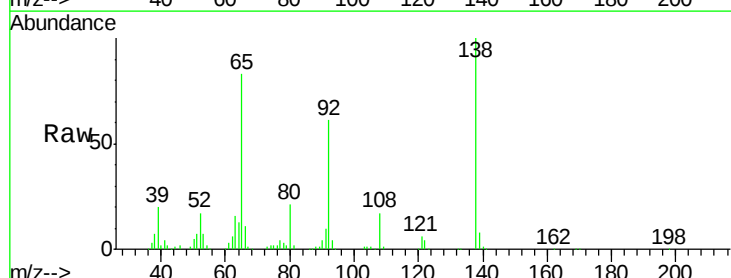
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

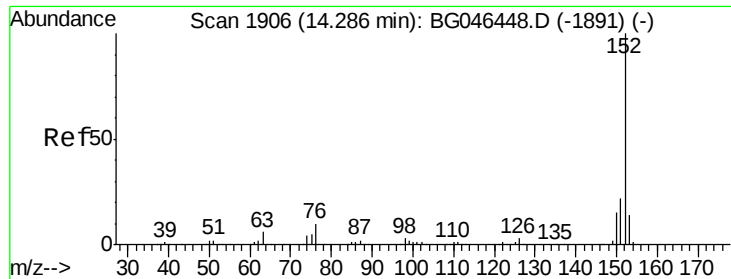
Tot Ion	Ratio	Lower	Upper
162	100		
127	33.8	27.6	41.4
164	33.5	27.3	40.9



#48
2-Nitroaniline
Concen: 41.800 ng
RT: 13.63 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.5	87.7
138	120.4	98.4	147.6





#49

Acenaphthylene

Concen: 44.014 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

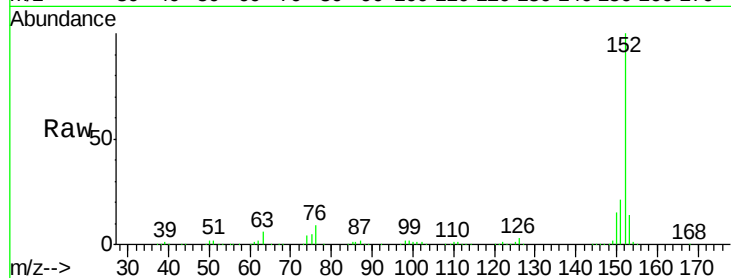
Tot Ion:152 Resp: 740244

Ion Ratio Lower Upper

152 100

151 21.5 17.7 26.5

153 14.1 11.2 16.8

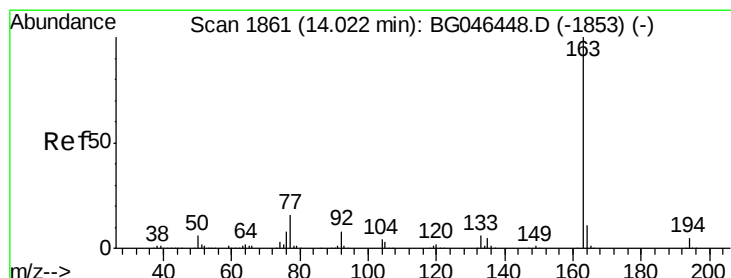
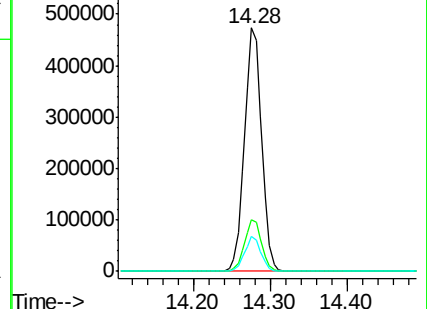
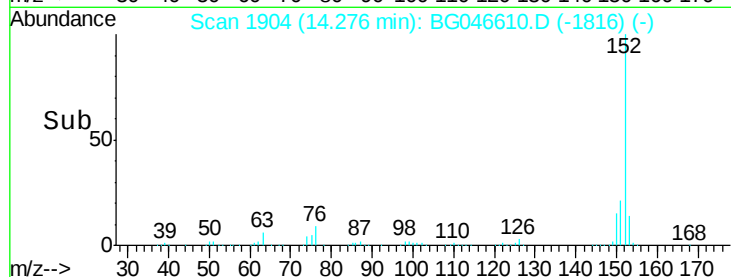


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.28



#50

Dimethylphthalate

Concen: 46.545 ng

RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

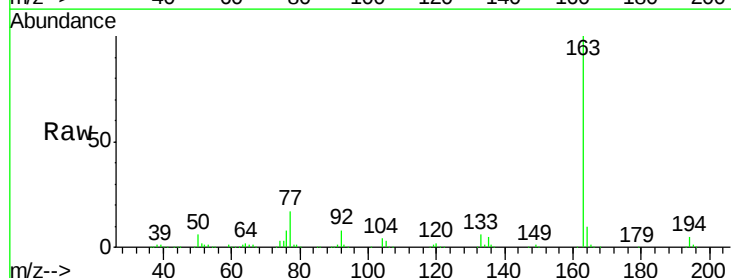
Tgt Ion:163 Resp: 676804

Ion Ratio Lower Upper

163 100

194 4.9 3.7 5.5

164 10.4 8.6 12.8

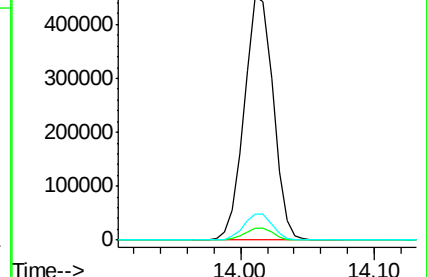
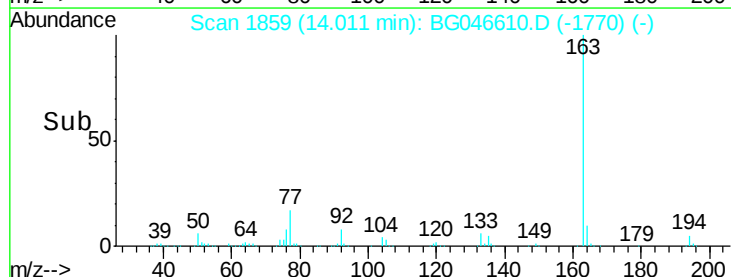


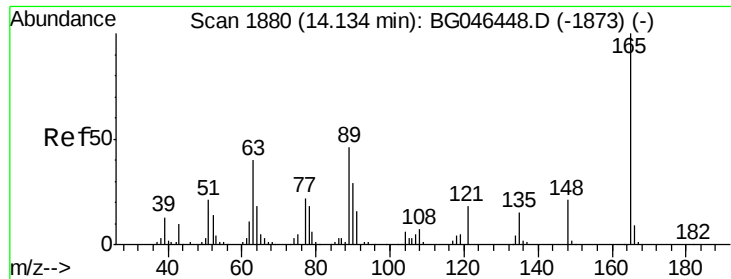
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.01





#51

2,6-Dinitrotoluene

Concen: 44.164 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

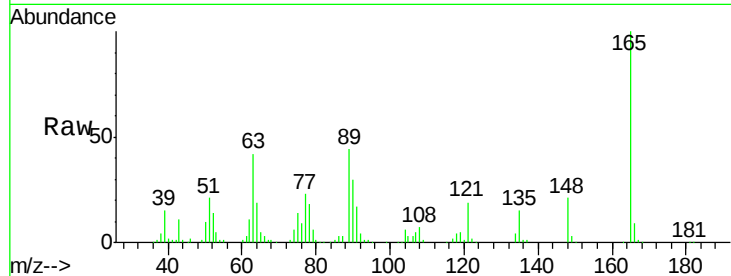
Tot Ion:165 Resp: 141557

Ion Ratio Lower Upper

165 100

63 41.8 34.2 51.4

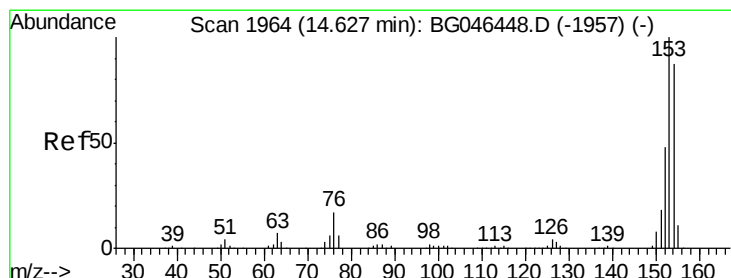
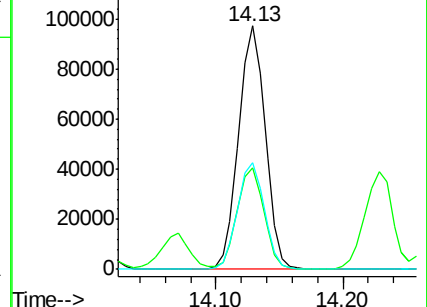
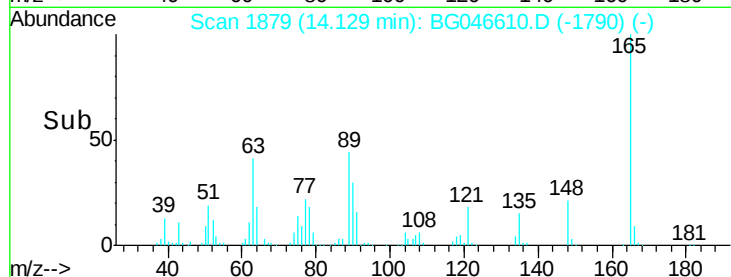
89 43.9 37.0 55.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 43.260 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

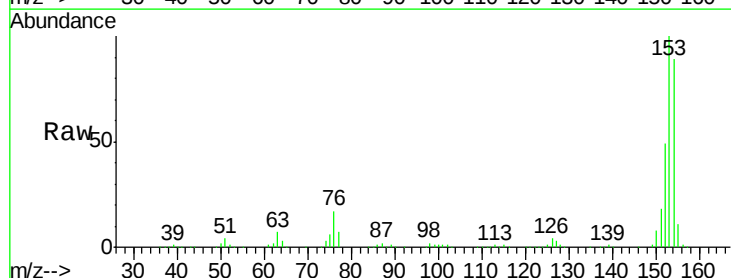
Tgt Ion:154 Resp: 450858

Ion Ratio Lower Upper

154 100

153 112.4 91.9 137.9

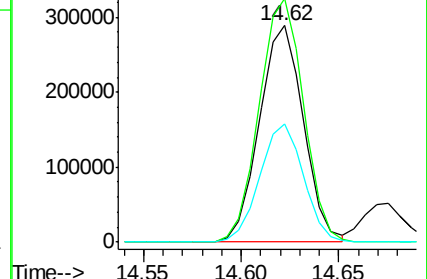
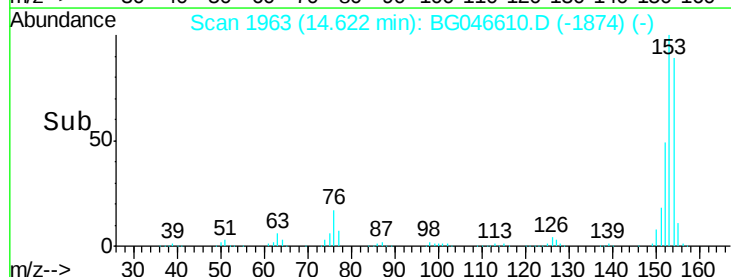
152 54.6 43.8 65.6

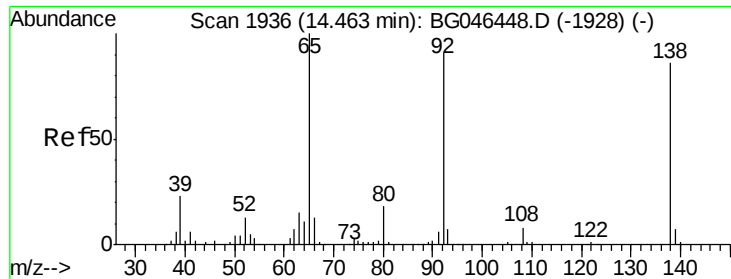


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 21.870 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

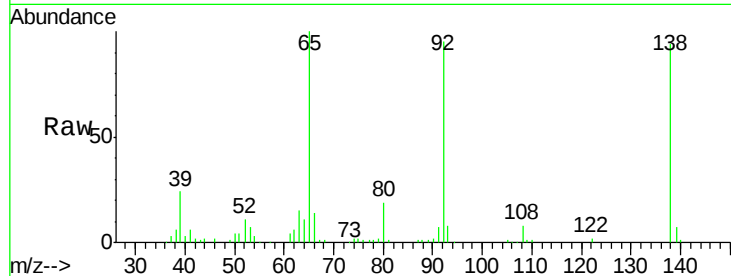
Tot Ion:138 Resp: 75933

Ion Ratio Lower Upper

138 100

108 8.3 7.0 10.6

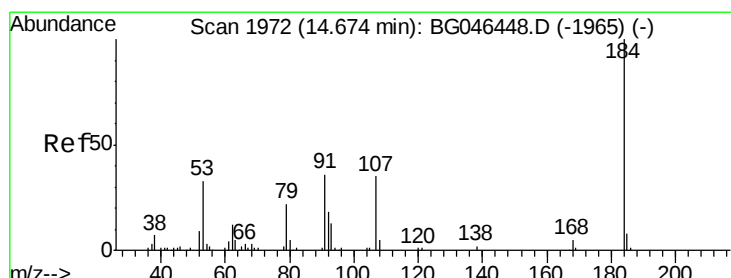
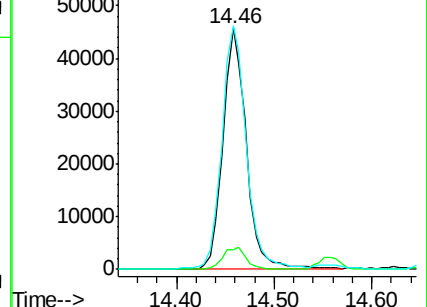
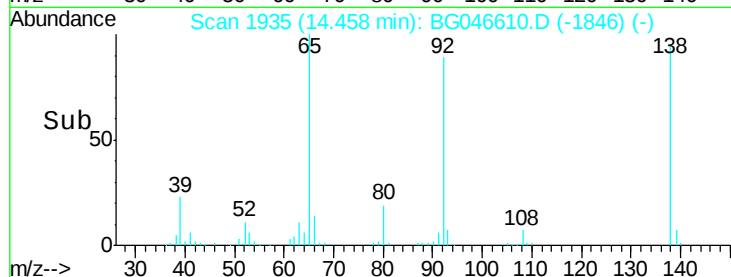
92 101.1 84.6 127.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E



#54

2,4-Dinitrophenol

Concen: 88.411 ng

RT: 14.68 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

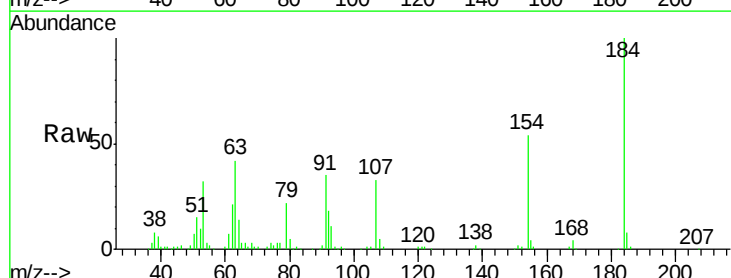
Tgt Ion:184 Resp: 165414

Ion Ratio Lower Upper

184 100

63 42.1 35.6 53.4

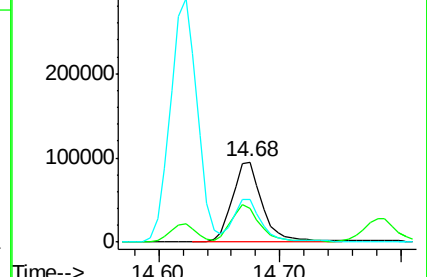
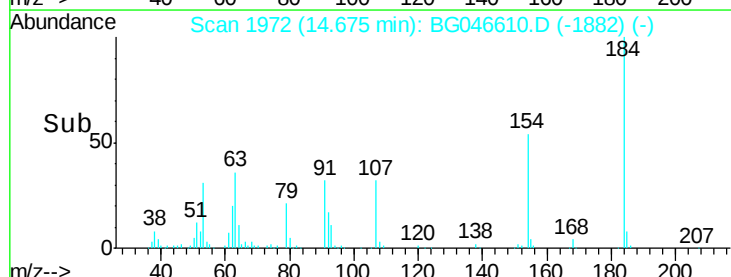
154 53.7 44.3 66.5

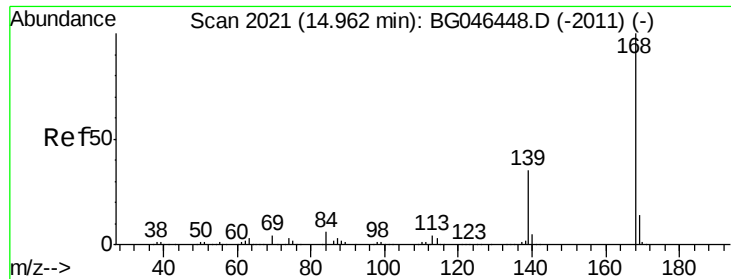


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

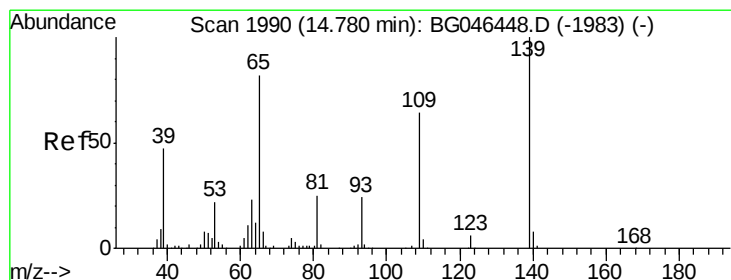
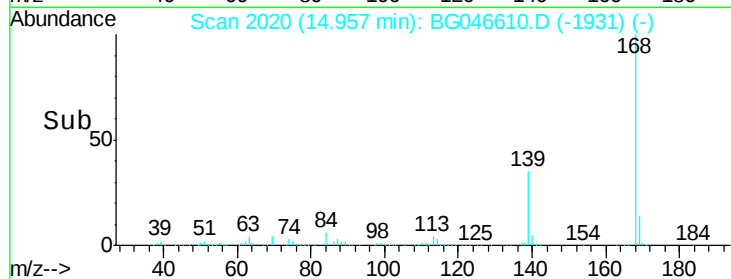
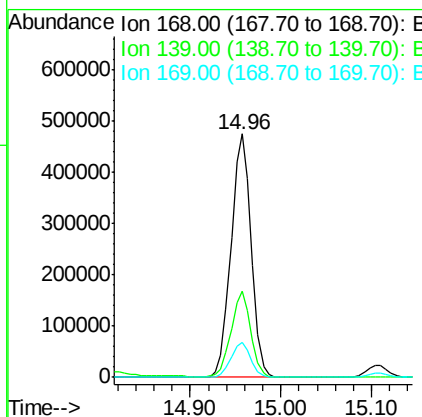
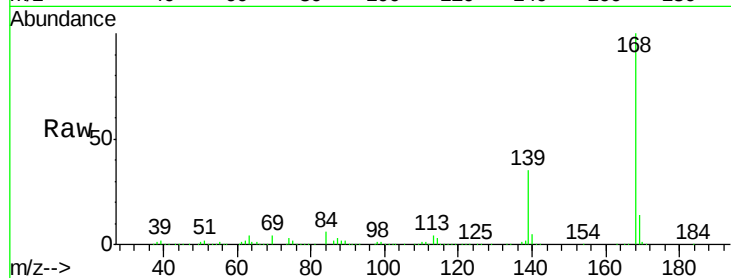




#55
Dibenzofuran
Concen: 43.902 ng
RT: 14.96 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

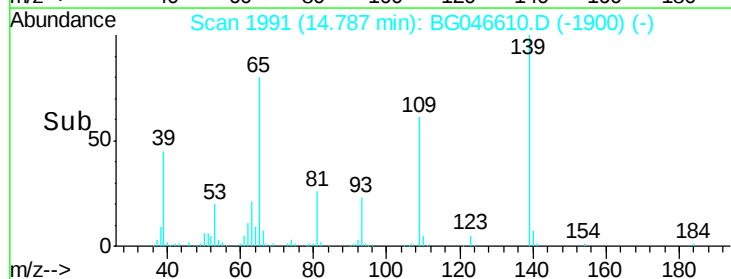
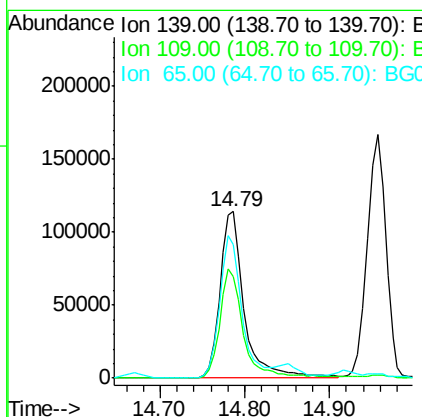
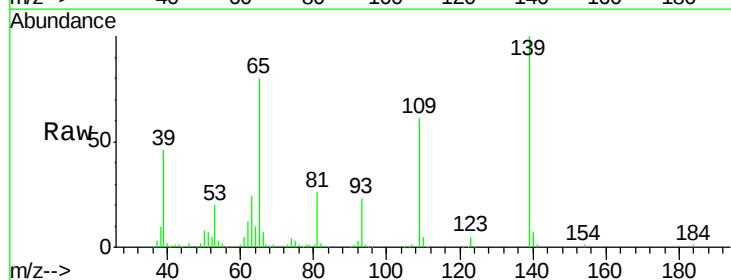
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

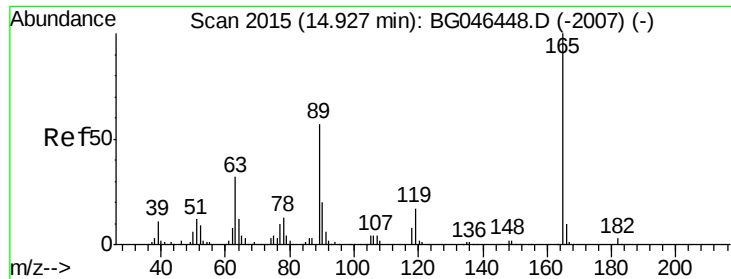
Tot Ion:168 Resp: 734290
Ion Ratio Lower Upper
168 100
139 35.2 28.1 42.1
169 14.4 11.5 17.3



#56
4-Nitrophenol
Concen: 88.876 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:139 Resp: 227101
Ion Ratio Lower Upper
139 100
109 61.0 44.3 84.3
65 80.3 61.5 101.5

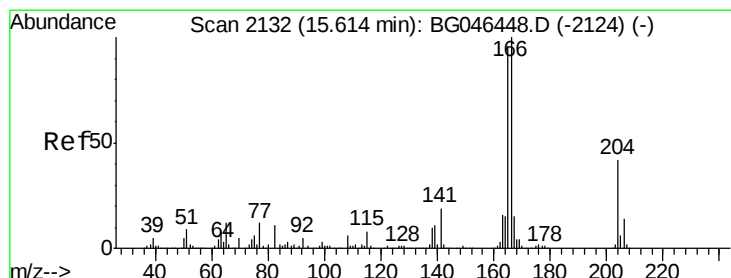
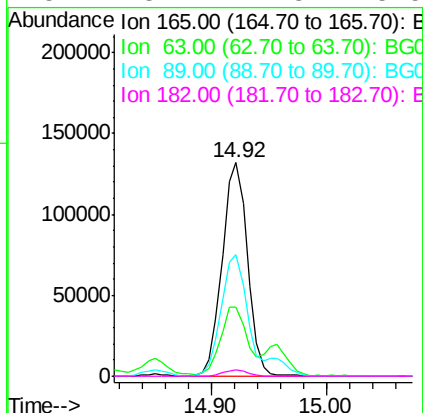
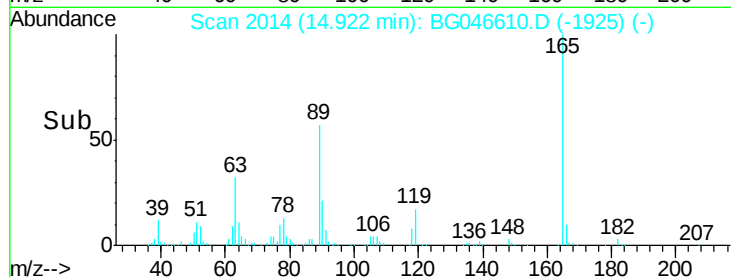
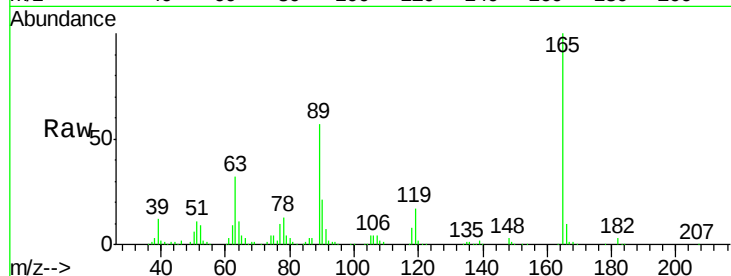




#57
 2,4-Dinitrotoluene
 Concen: 43.961 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

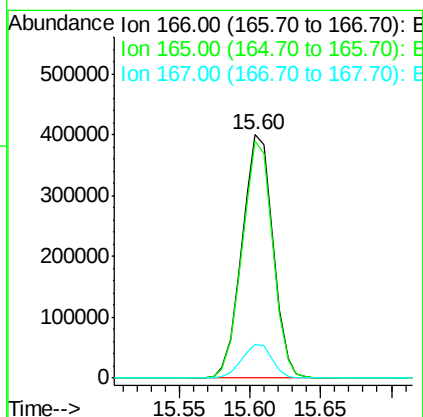
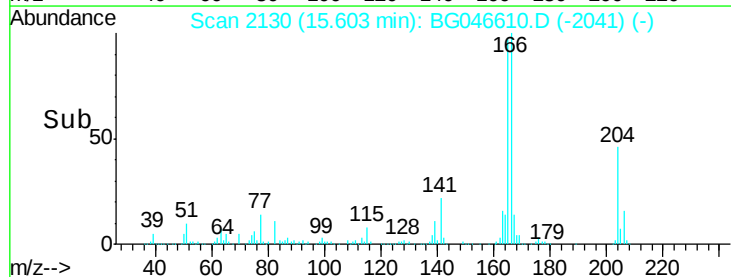
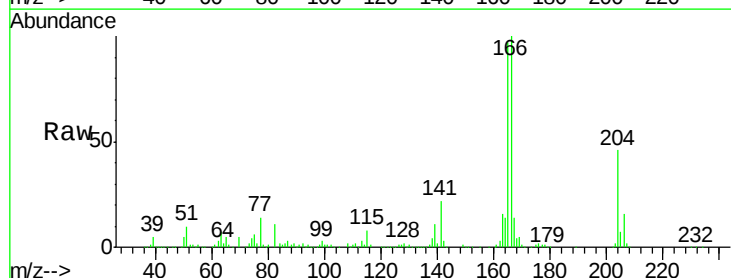
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

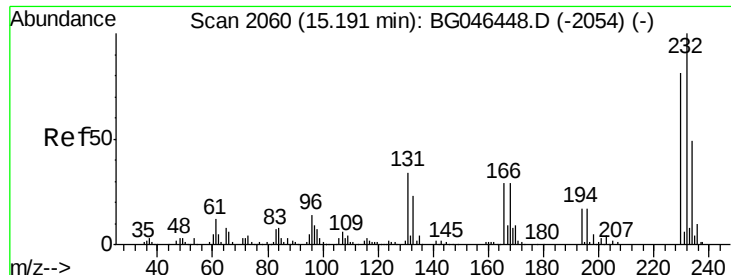
Tot Ion:165	Resp:	200920
Ion Ratio	Lower	Upper
165	100	
63	32.1	25.4 38.0
89	56.7	45.9 68.9
182	3.2	2.3 3.5



#58
 Fluorene
 Concen: 43.772 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion:166	Resp:	614469
Ion Ratio	Lower	Upper
166	100	
165	97.2	77.0 115.4
167	14.1	11.8 17.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.809 ng

RT: 15.19 min Scan# 2059

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

Tot Ion:232 Resp: 191216

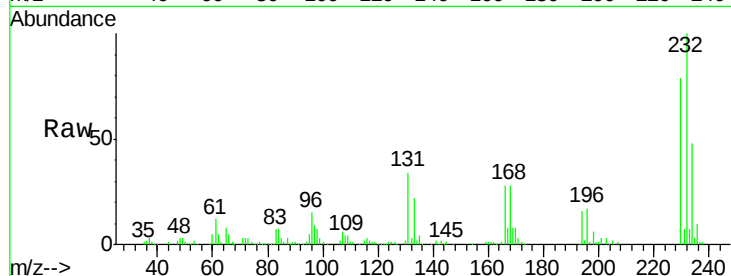
Ion Ratio Lower Upper

232 100

131 33.5 26.8 40.2

130 1.7 1.4 2.2

166 26.4 22.8 34.2

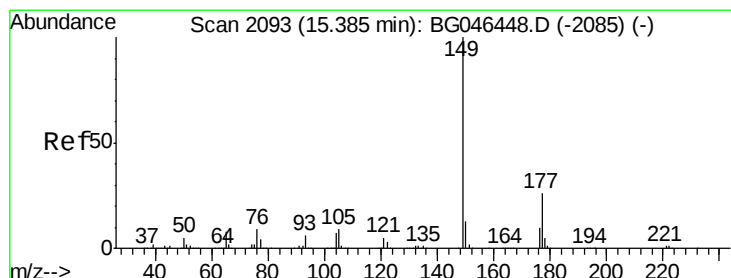
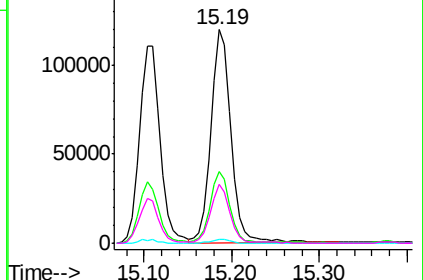
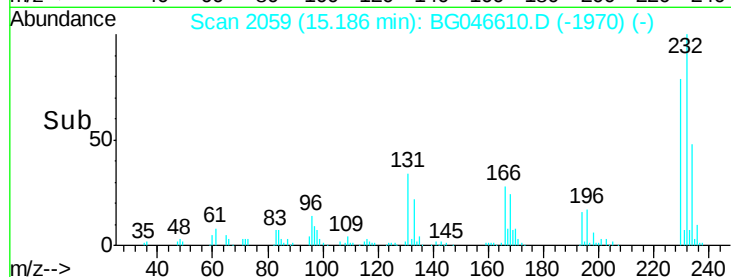


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.664 ng

RT: 15.38 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

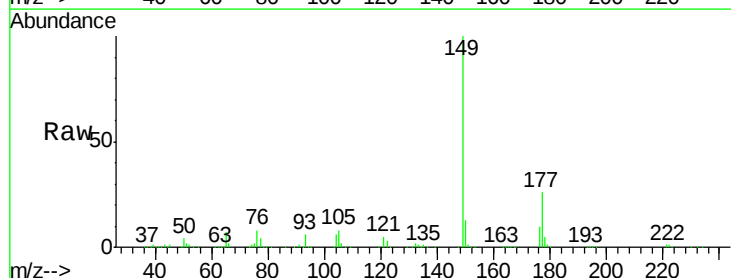
Tgt Ion:149 Resp: 604859

Ion Ratio Lower Upper

149 100

177 26.0 20.6 30.8

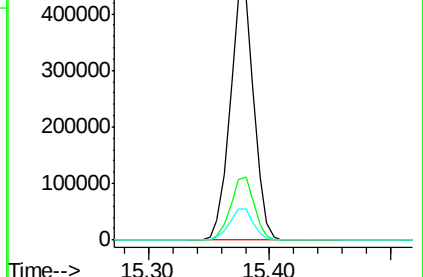
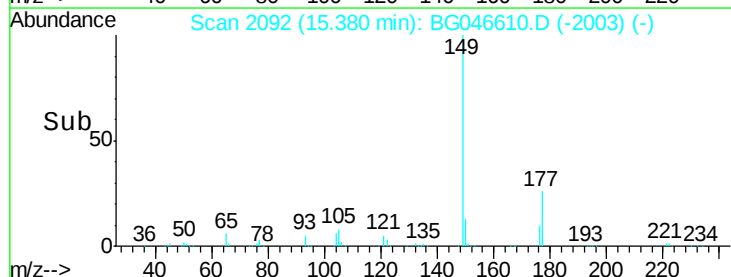
150 13.0 10.3 15.5

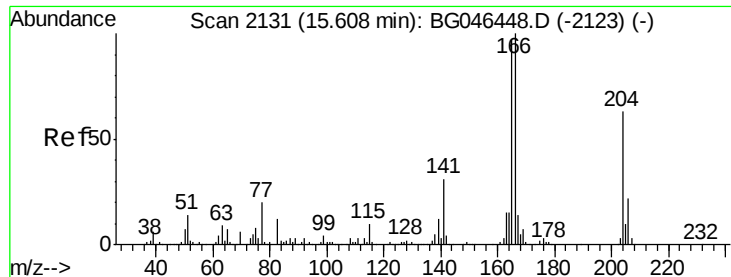


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

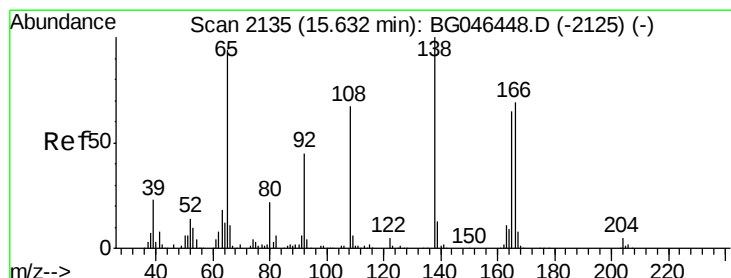
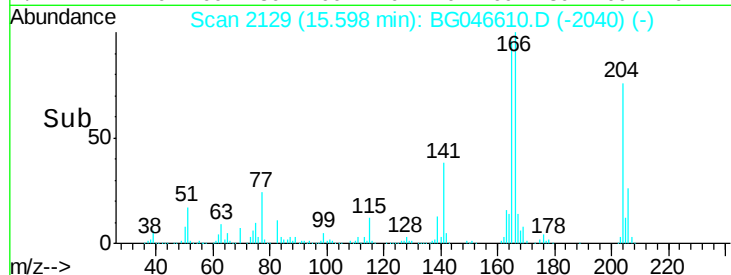
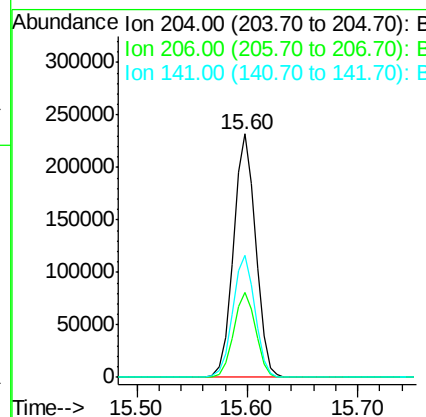
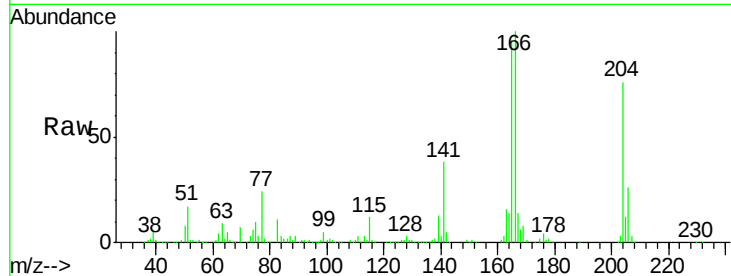




#61
4-Chlorophenyl-phenylether
Concen: 42.305 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

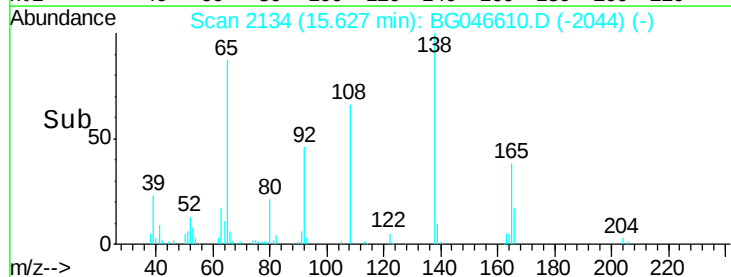
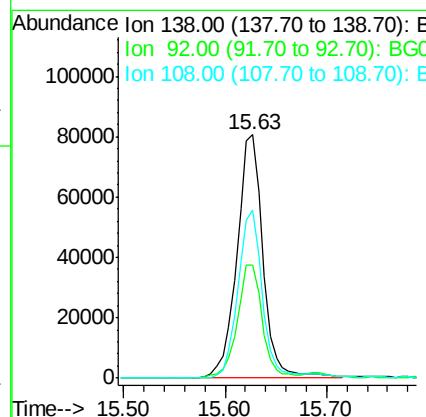
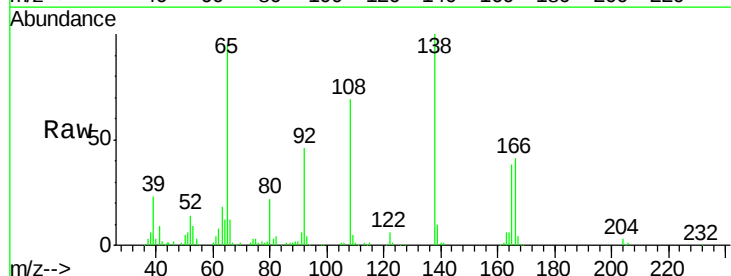
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

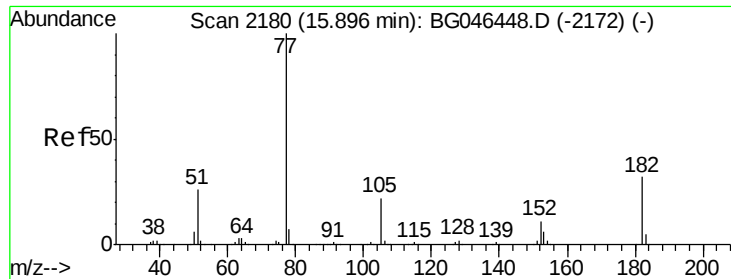
Tot Ion:204 Resp: 327066
Ion Ratio Lower Upper
204 100
206 34.7 27.7 41.5
141 50.3 38.7 58.1



#62
4-Nitroaniline
Concen: 39.459 ng
RT: 15.63 min Scan# 2134
Delta R.T. 0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:138 Resp: 144557
Ion Ratio Lower Upper
138 100
92 46.2 25.3 65.3
108 68.8 46.7 86.7





#63

Azobenzene

Concen: 44.145 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

Tot Ion: 77 Resp: 509097

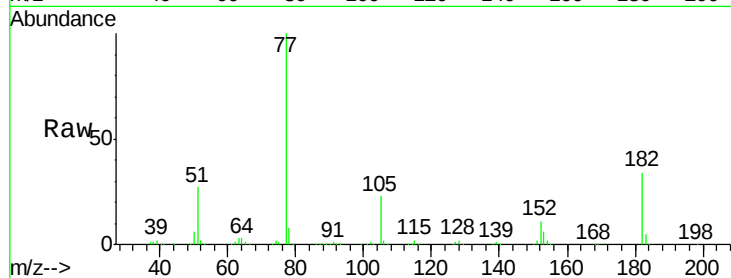
Ion Ratio Lower Upper

77 100

182 34.1 12.3 52.3

105 23.0 2.3 42.3

51 26.7 6.5 46.5

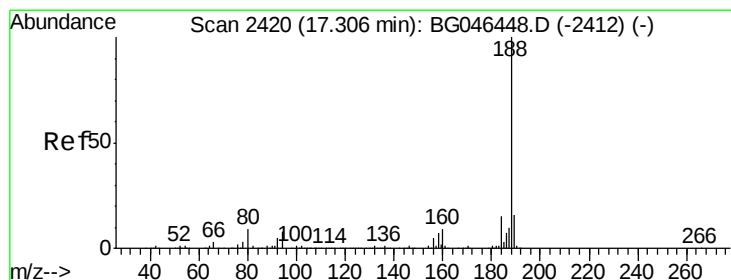
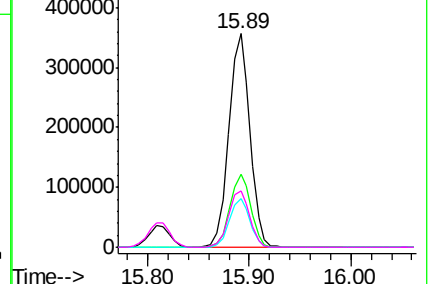
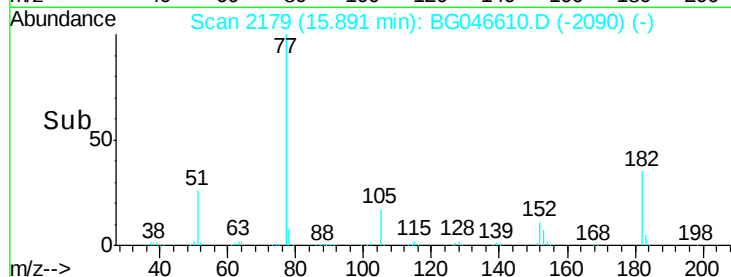


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.30 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

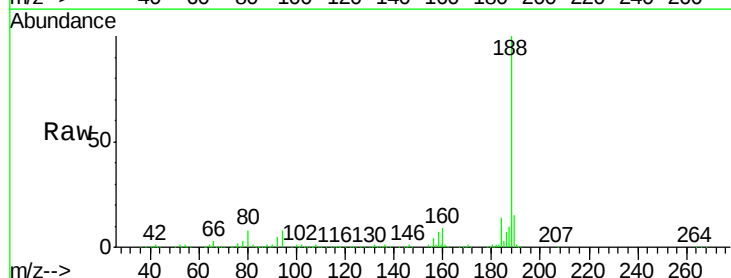
Tgt Ion: 188 Resp: 456466

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

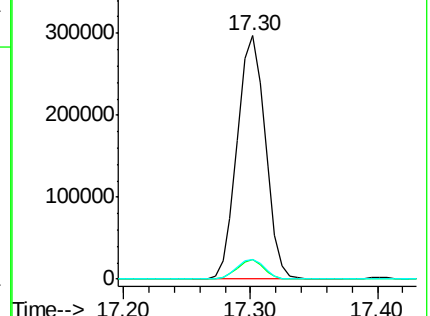
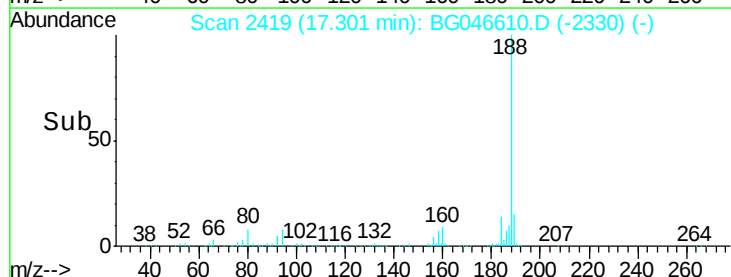
80 8.1 6.9 10.3

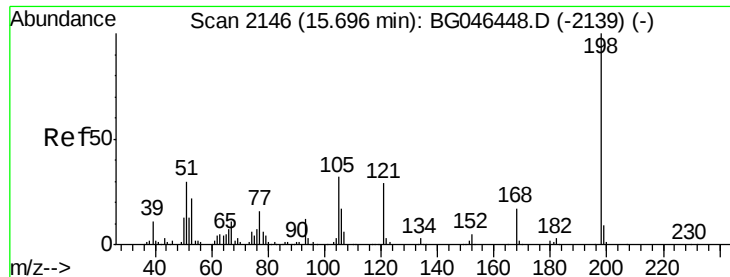


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 50.750 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

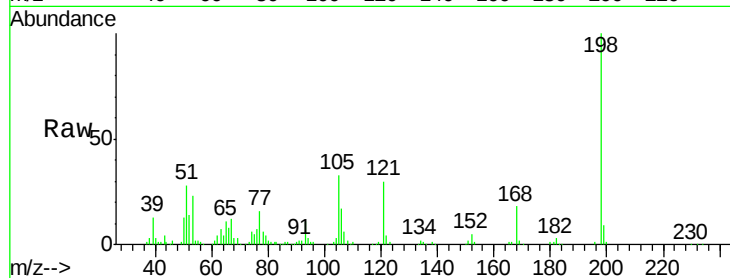
Tot Ion:198 Resp: 131118

Ion Ratio Lower Upper

198 100

51 28.3 10.4 50.4

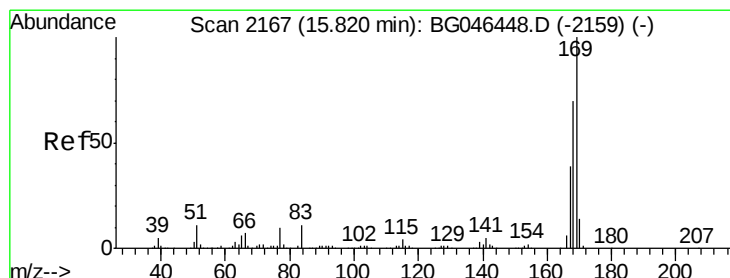
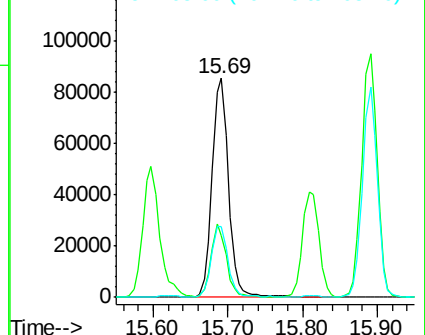
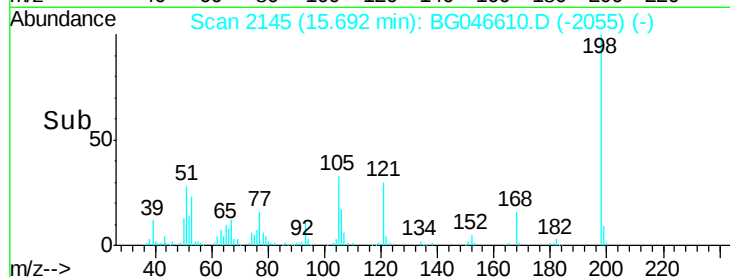
105 32.6 12.4 52.4



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: 45.253 ng

RT: 15.81 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

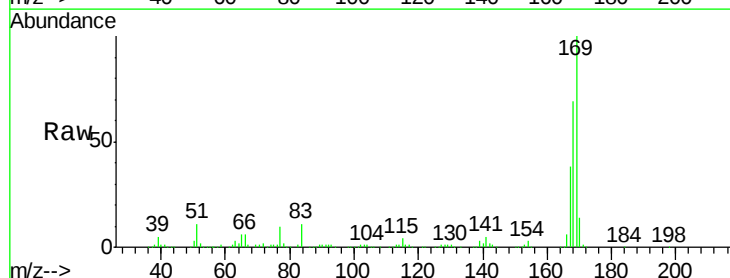
Tgt Ion:169 Resp: 557272

Ion Ratio Lower Upper

169 100

168 68.8 55.8 83.8

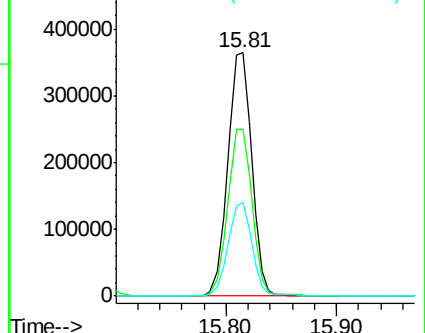
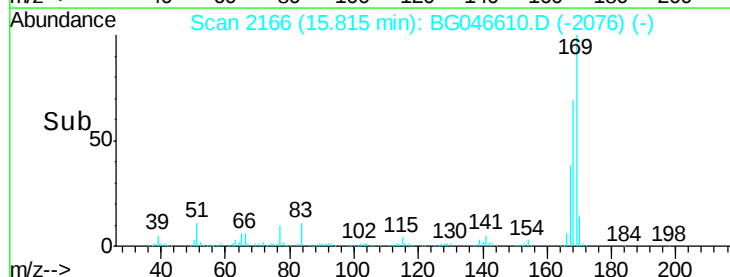
167 38.3 31.0 46.6

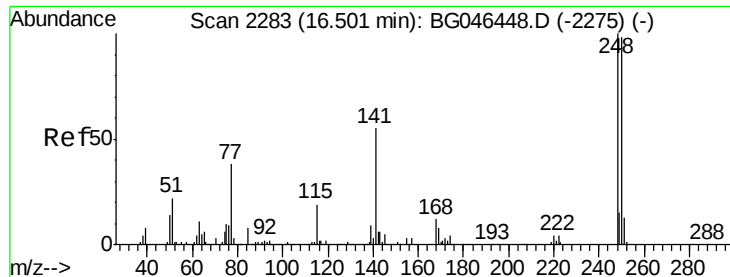


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

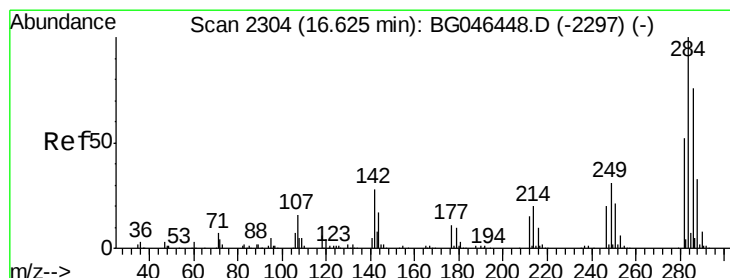
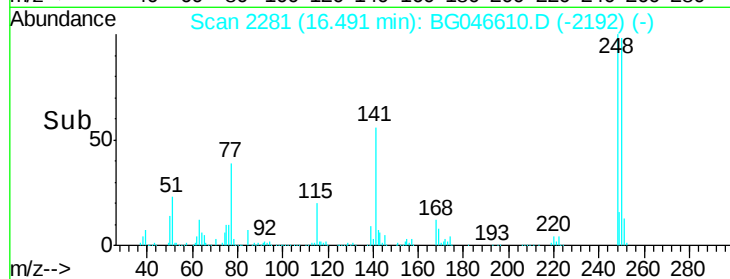
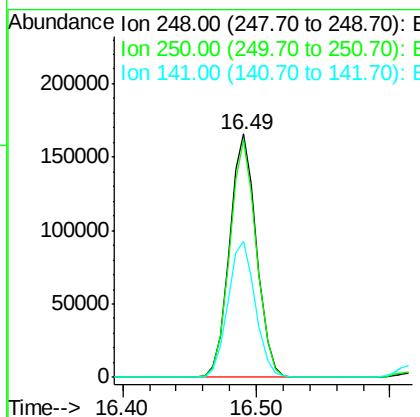
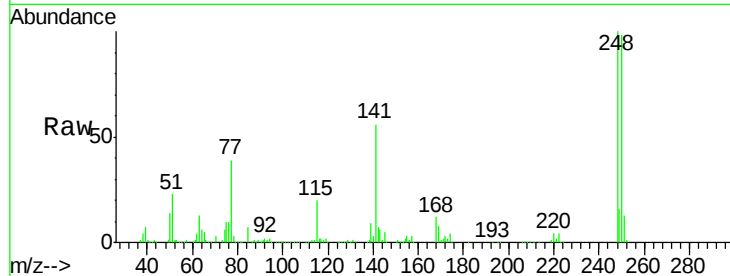




#67
4-Bromophenyl-phenylether
Concen: 43.615 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

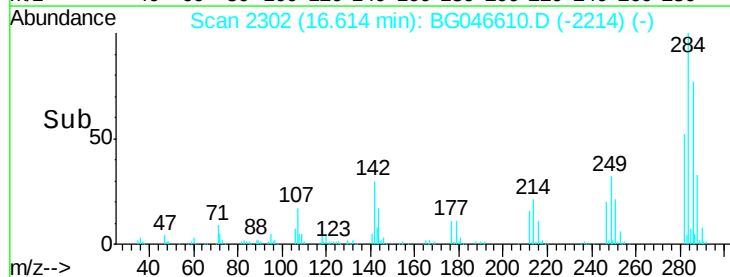
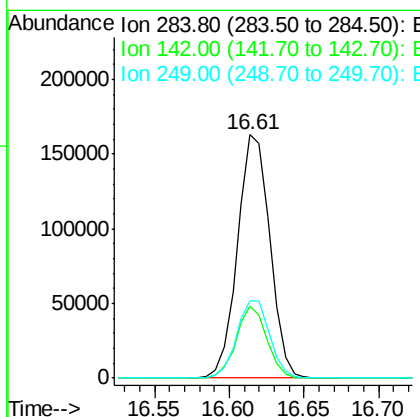
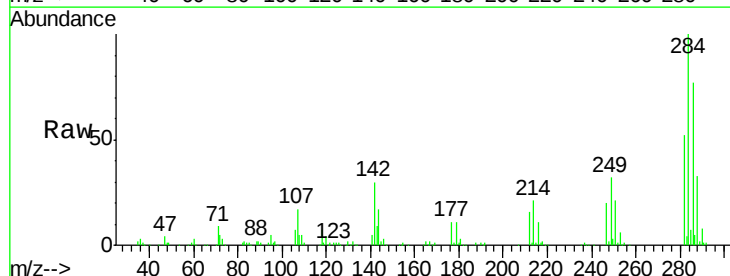
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

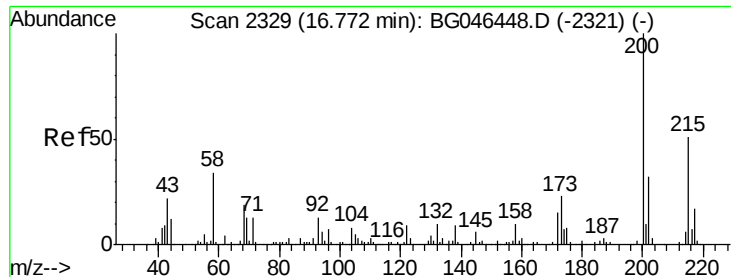
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.6	118.0
141	55.7	43.9	65.9



#68
Hexachlorobenzene
Concen: 41.636 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	22.3	33.5
249	31.8	24.8	37.2

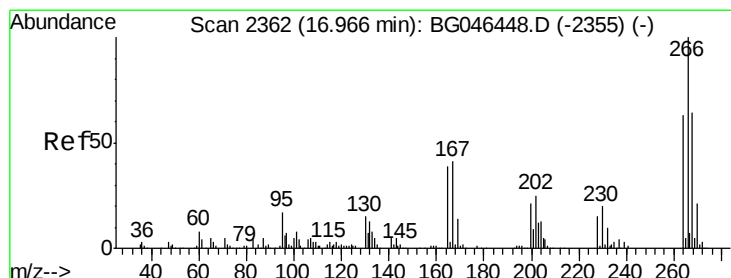
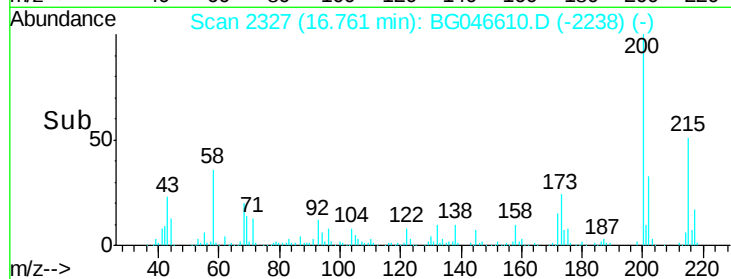
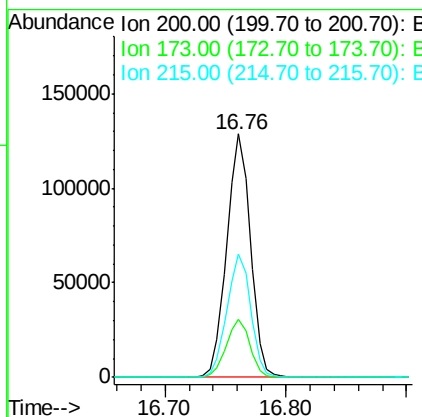
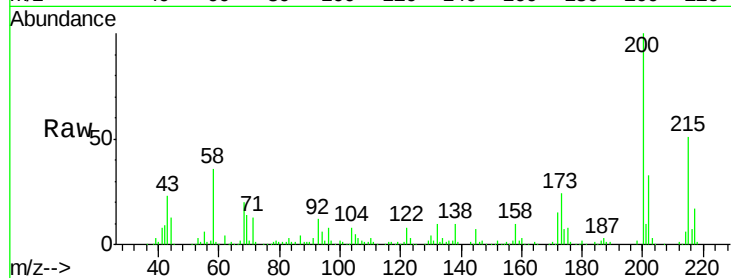




#69
 Atrazine
 Concen: 35.088 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

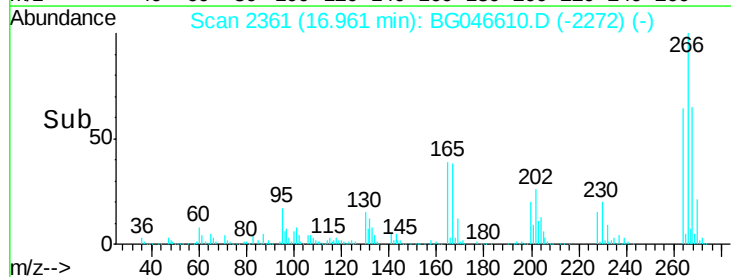
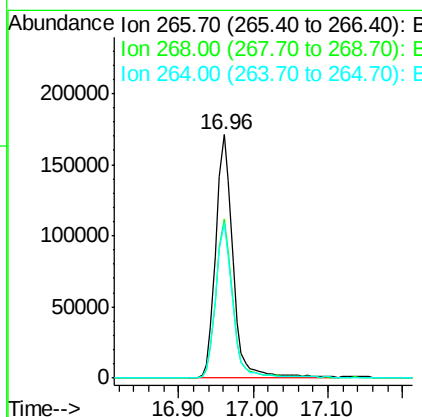
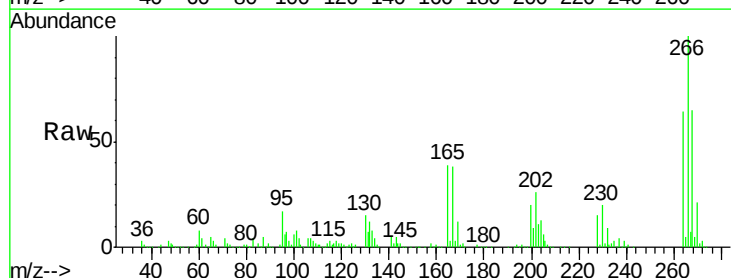
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

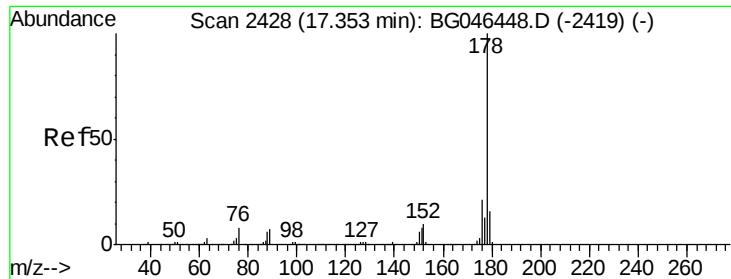
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.8	3.3	43.3
215	50.7	30.9	70.9



#70
 Pentachlorophenol
 Concen: 89.770 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	51.1	76.7
264	63.9	50.2	75.2

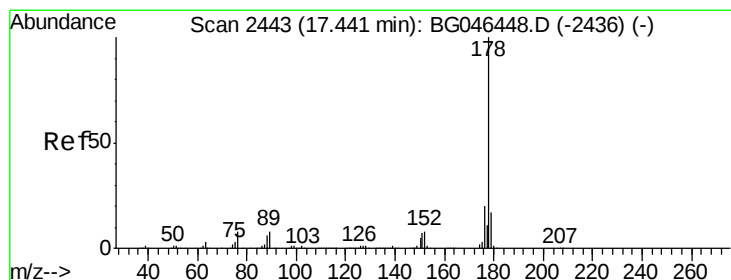
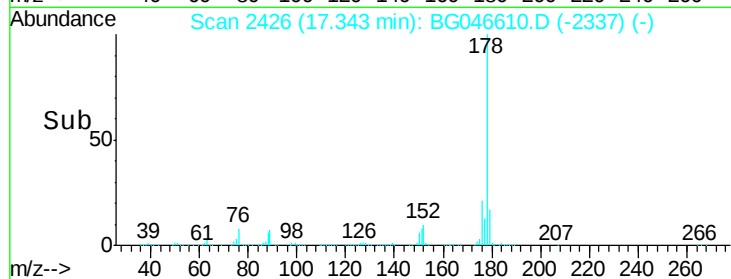
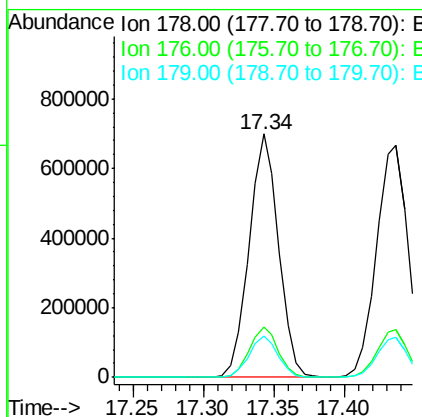
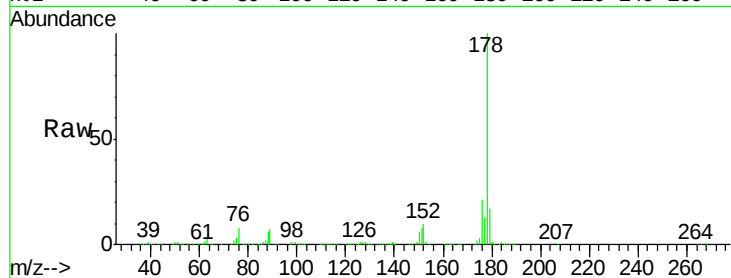




#71
Phenanthrene
Concen: 44.178 ng
RT: 17.34 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

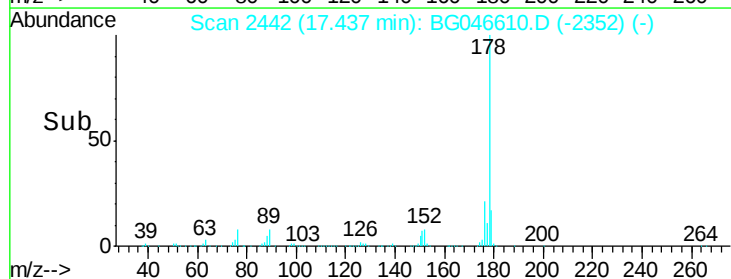
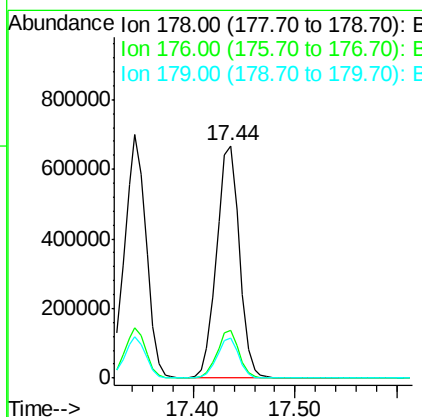
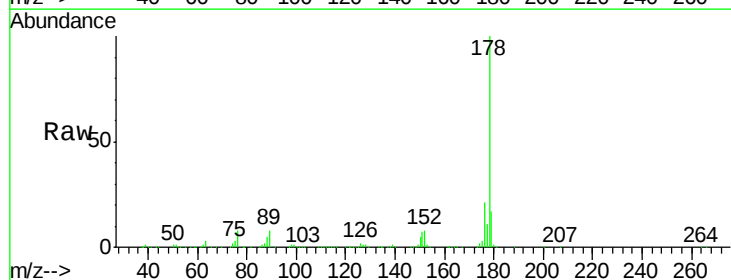
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

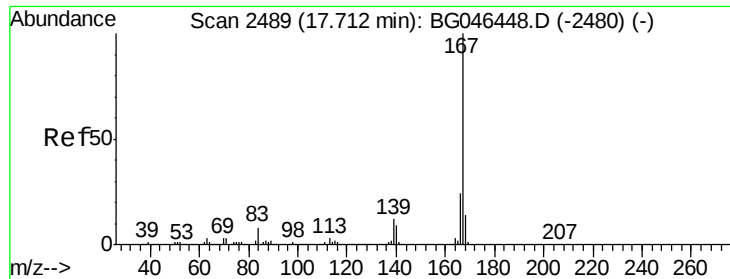
Tot Ion:178 Resp: 1022140
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 16.8 13.2 19.8



#72
Anthracene
Concen: 45.481 ng
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:178 Resp: 1038210
Ion Ratio Lower Upper
178 100
176 20.7 16.1 24.1
179 17.1 13.3 19.9

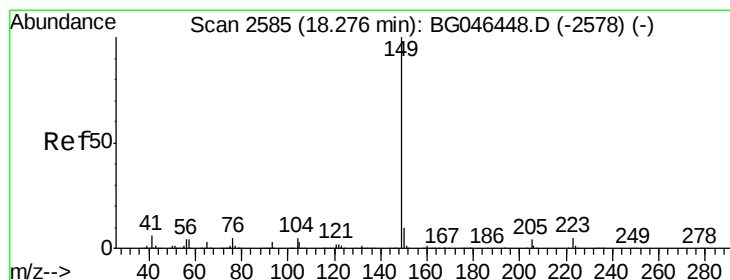
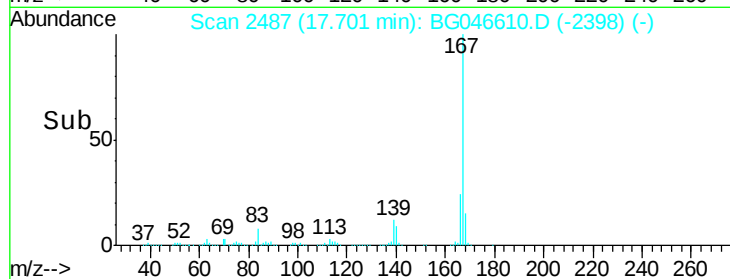
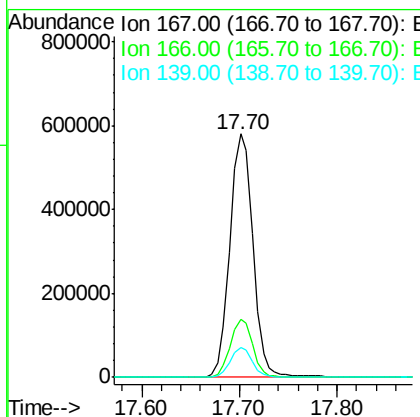
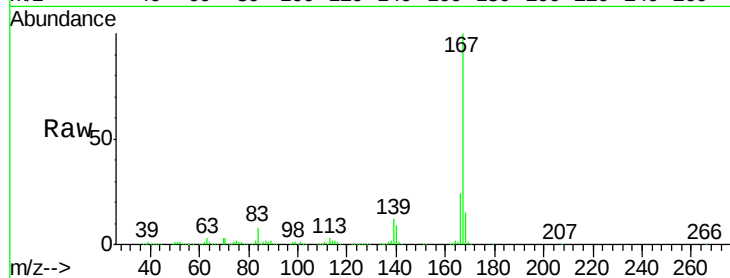




#73
 Carbazole
 Concen: 44.417 ng
 RT: 17.70 min Scan# 2487
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

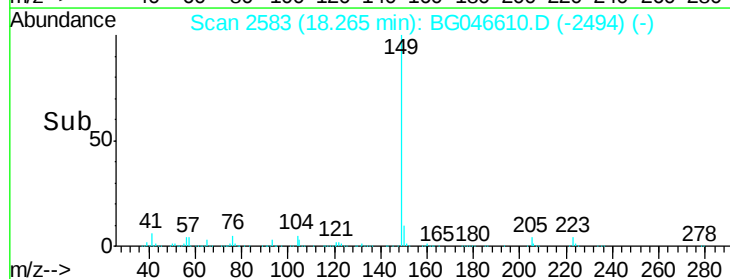
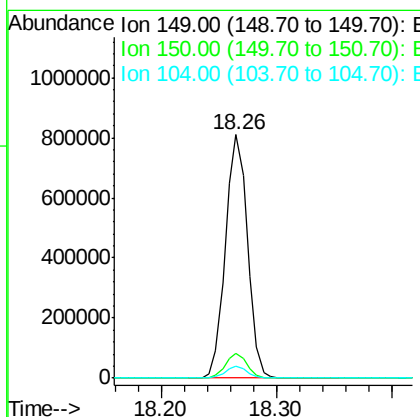
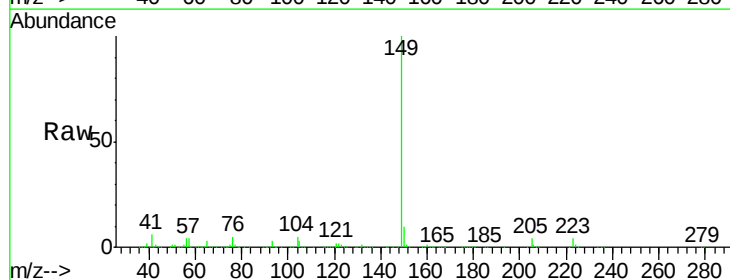
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

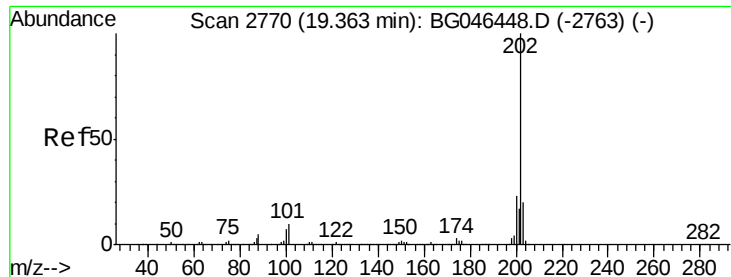
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.3	28.9
139	12.2	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 43.197 ng
 RT: 18.26 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 44.216 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

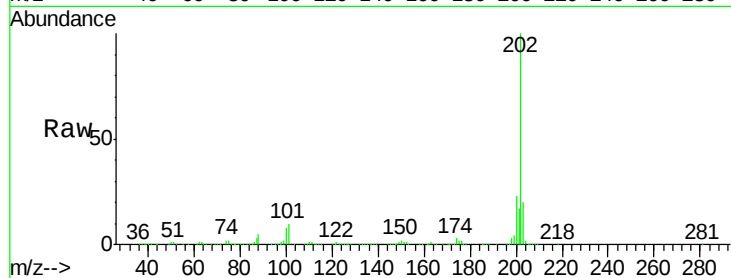
BNA_G

ClientSampleId :

B20-7-9MS

Tot Ion:202 Resp: 1316509

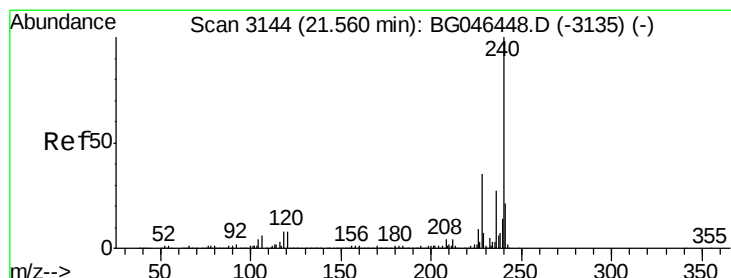
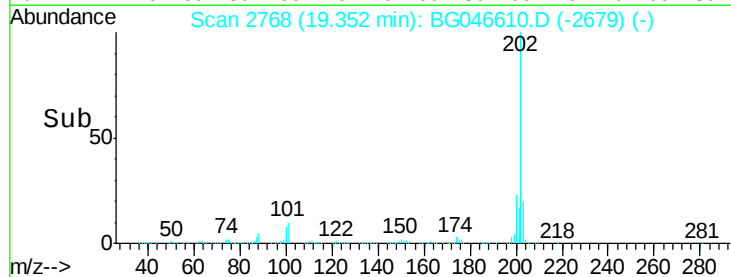
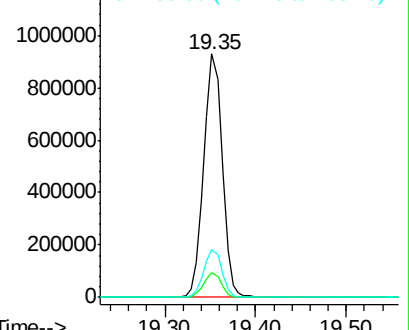
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.9
203	19.8	0.0	40.0



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: 21.55 min Scan# 3142

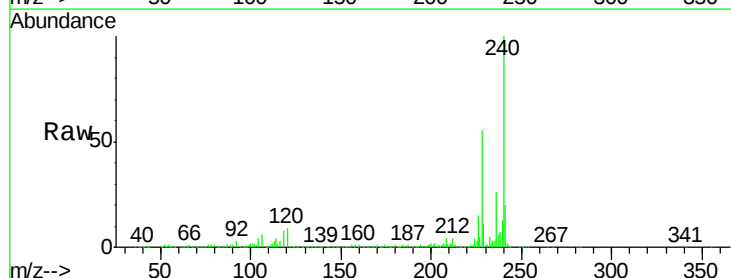
Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Tgt Ion:240 Resp: 463201

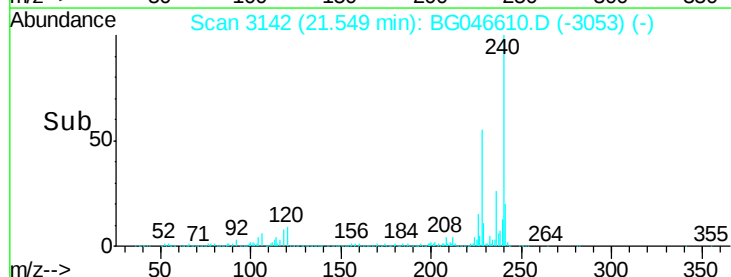
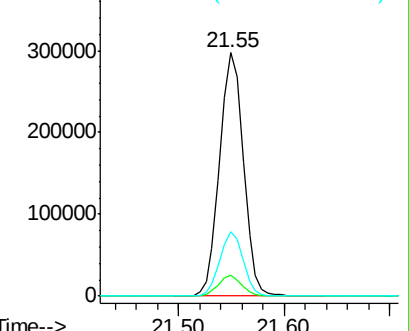
Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.6	10.0
236	26.4	21.4	32.2

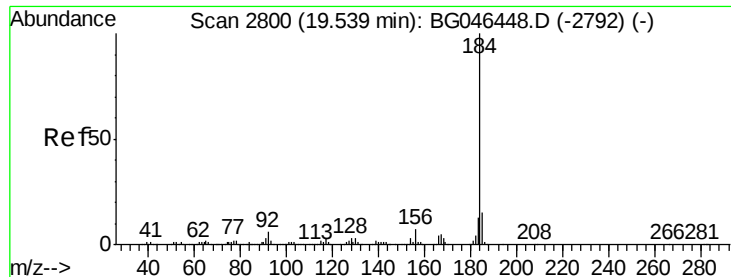


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.709 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

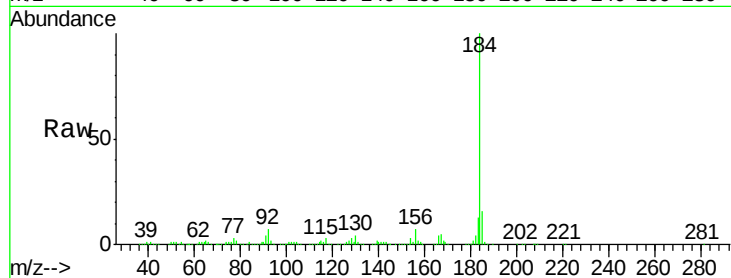
Tot Ion:184 Resp: 535041

Ion Ratio Lower Upper

184 100

185 15.6 11.8 17.8

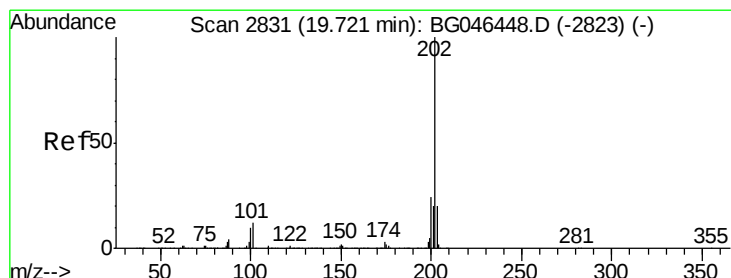
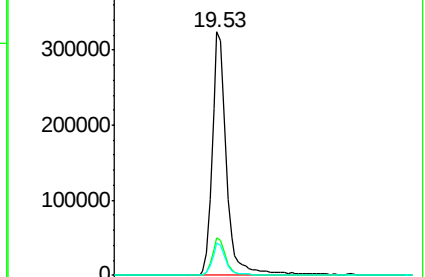
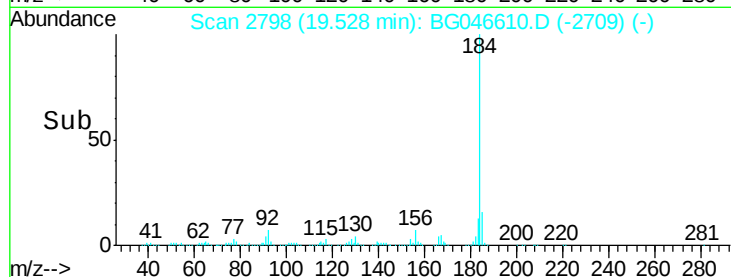
183 13.1 10.7 16.1



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: 44.627 ng

RT: 19.72 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

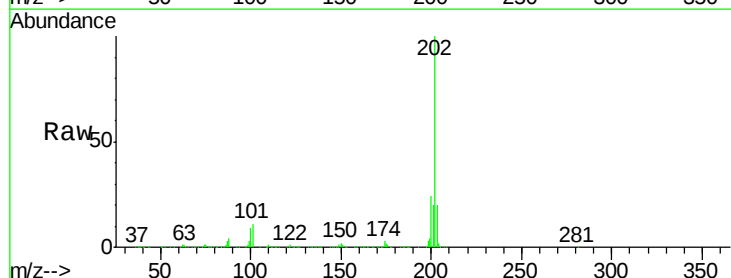
Tgt Ion:202 Resp: 1316318

Ion Ratio Lower Upper

202 100

200 23.6 18.9 28.3

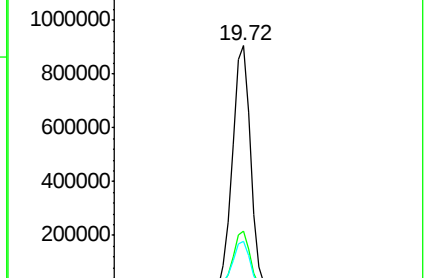
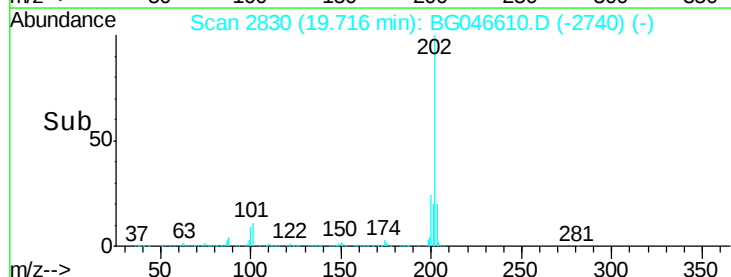
203 19.7 16.1 24.1

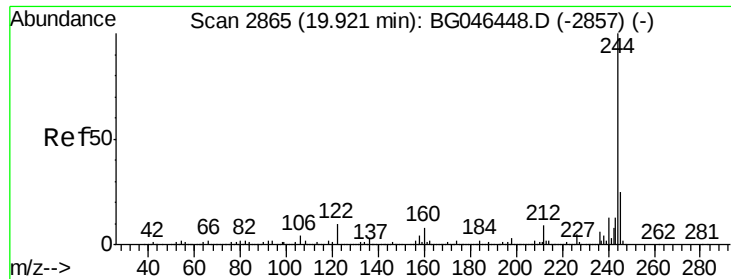


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.062 ng

RT: 19.92 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

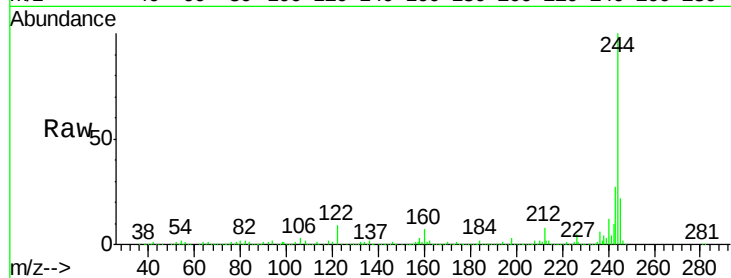
Tot Ion:244 Resp: 1285503

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

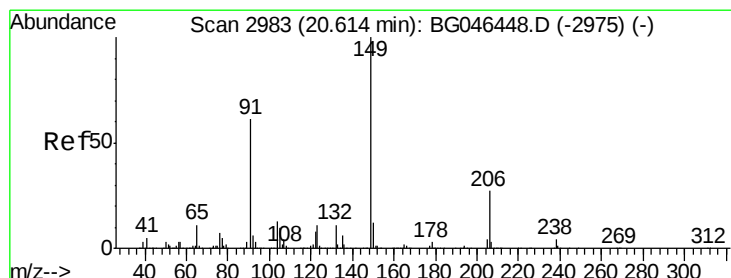
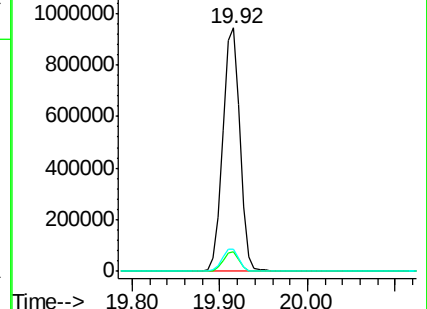
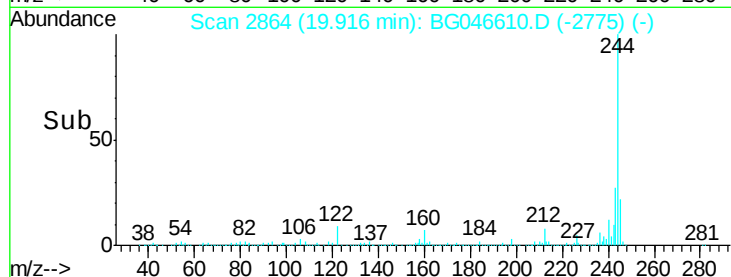
122 8.8 8.2 12.4



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: 43.073 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

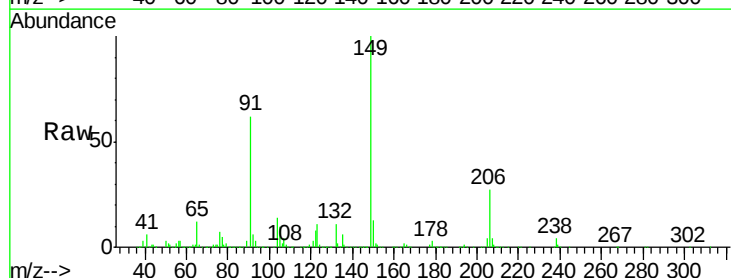
Tgt Ion:149 Resp: 495565

Ion Ratio Lower Upper

149 100

91 62.5 49.1 73.7

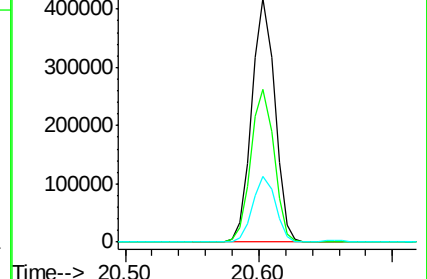
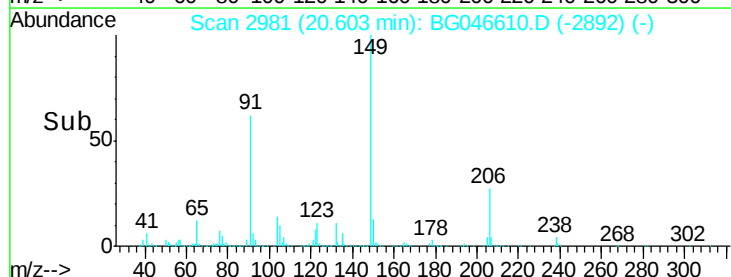
206 27.0 21.9 32.9

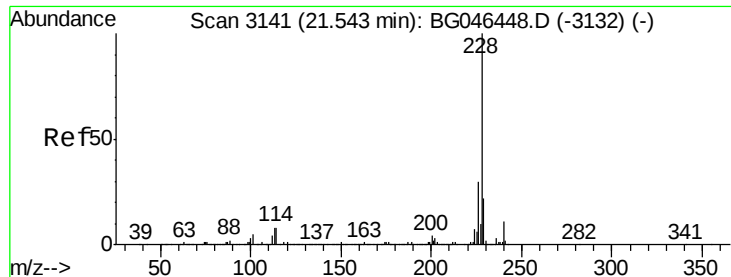


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

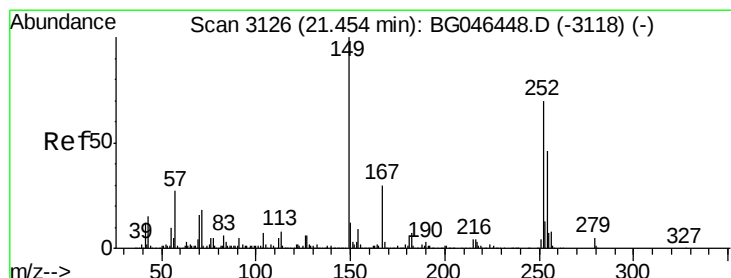
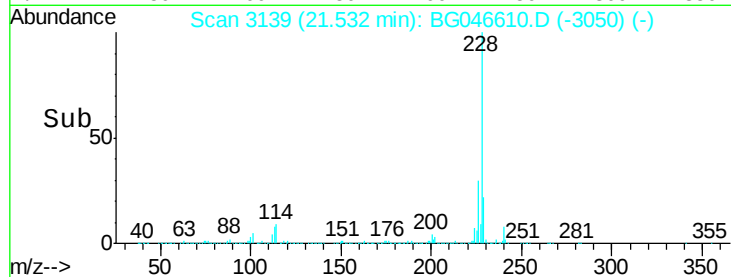
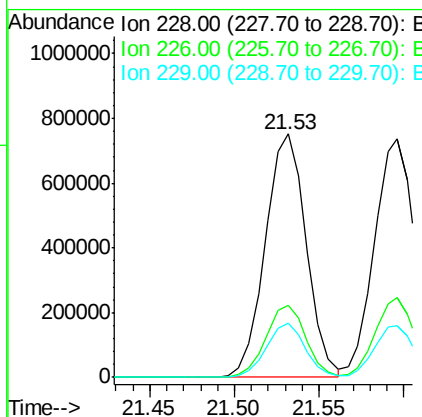
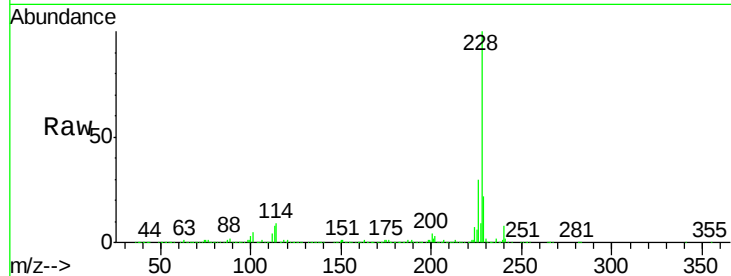




#81
Benzo(a)anthracene
Concen: 43.714 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

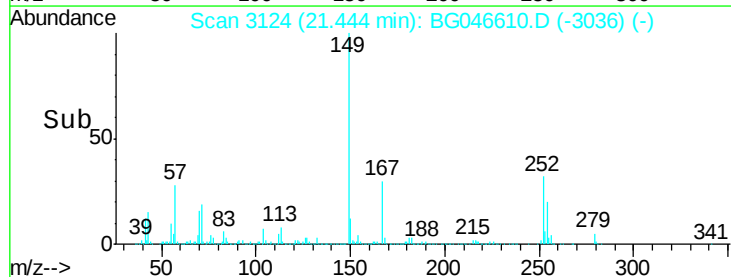
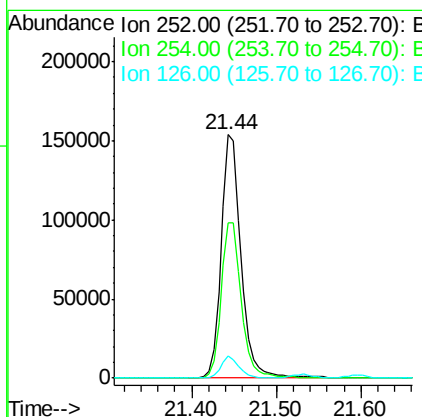
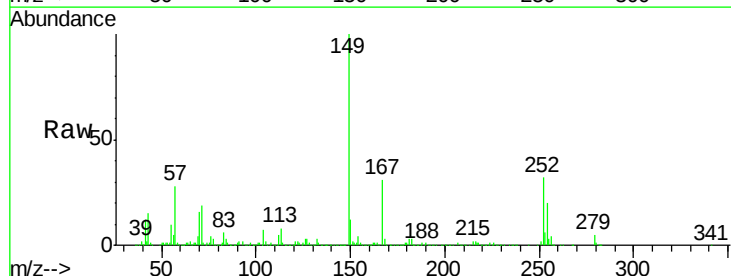
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

Tot Ion:228 Resp: 1262065
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.4
229 22.4 17.4 26.2



#82
3,3'-Dichlorobenzidine
Concen: 23.402 ng
RT: 21.44 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:252 Resp: 250733
Ion Ratio Lower Upper
252 100
254 63.9 51.9 77.9
126 9.2 7.4 11.0





#83

Chrvsene

Concen: 44.255 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

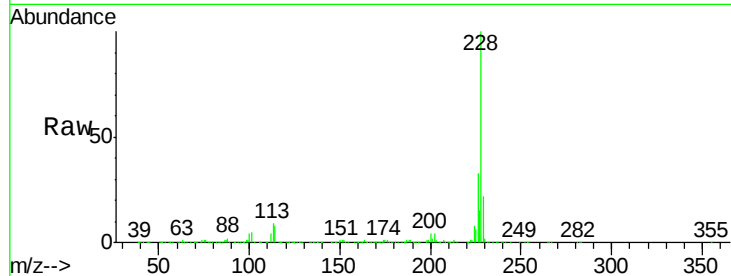
Tot Ion:228 Resp: 1229031

Ion Ratio Lower Upper

228 100

226 33.4 26.2 39.4

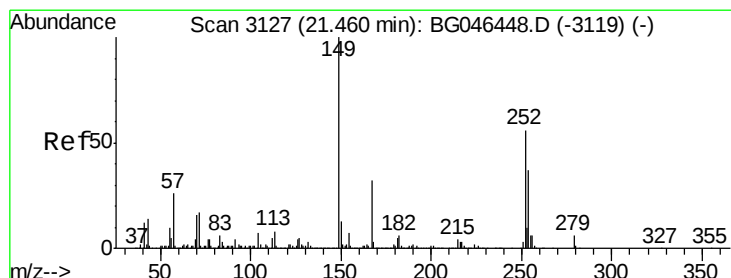
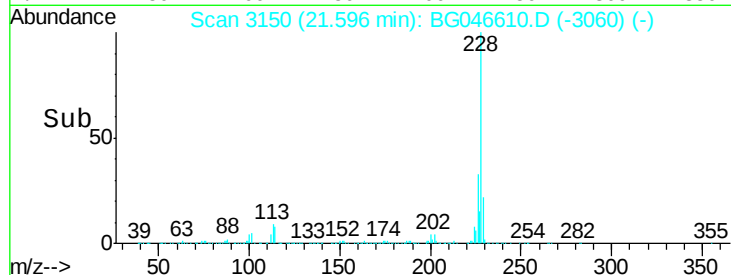
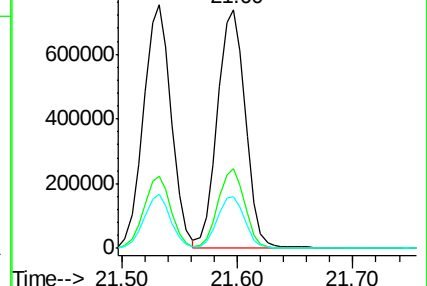
229 21.8 17.9 26.9



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: 44.619 ng

RT: 21.45 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

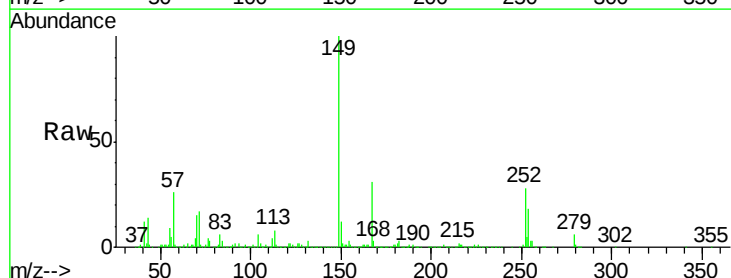
Tgt Ion:149 Resp: 700548

Ion Ratio Lower Upper

149 100

167 31.5 25.4 38.2

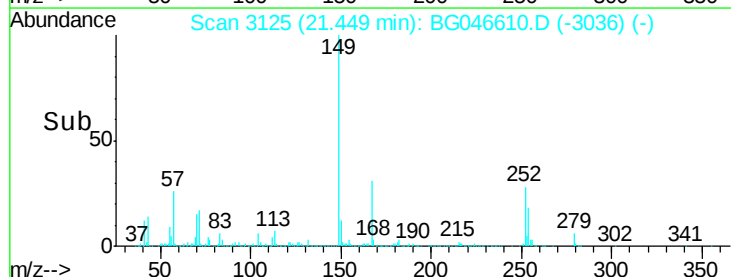
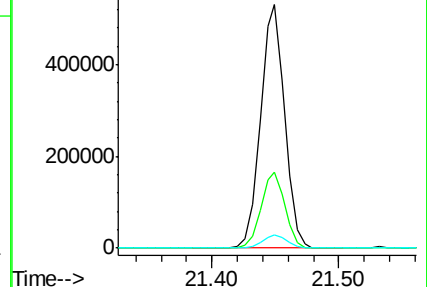
279 5.7 4.5 6.7

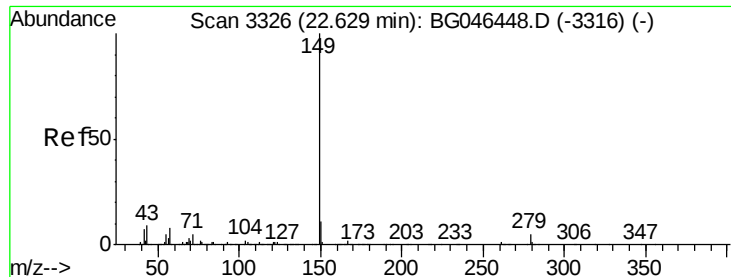


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.331 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

Instrument :

BNA_G

ClientSampleId :

B20-7-9MS

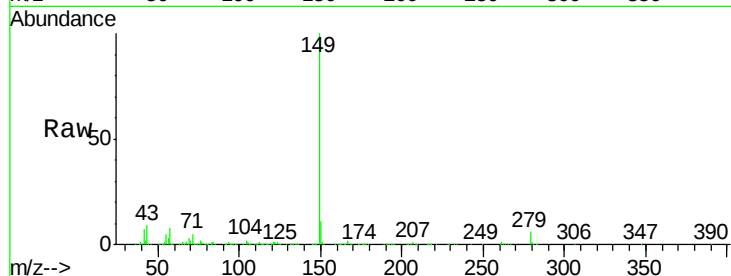
Tot Ion:149 Resp: 1218676

Ion Ratio Lower Upper

149 100

167 1.8 1.5 2.3

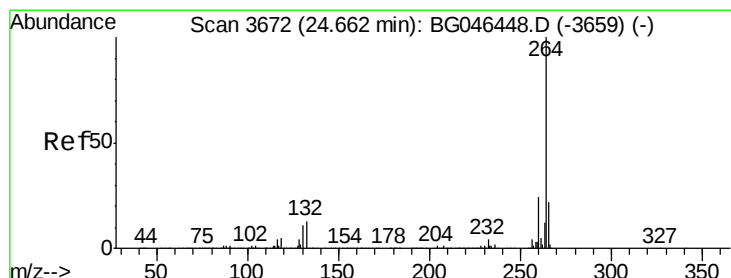
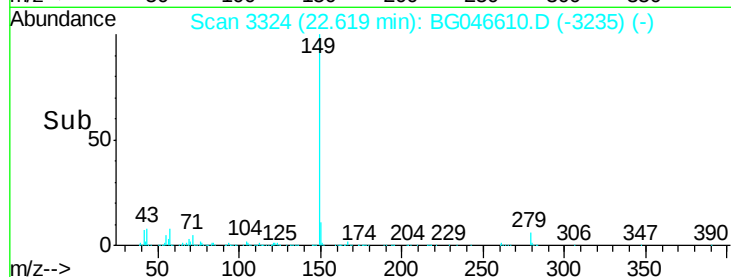
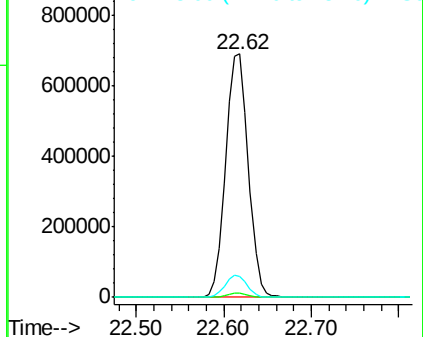
43 8.7 7.0 10.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.01 min

Lab File: BG046610.D

Acq: 14 Sep 2020 19:31

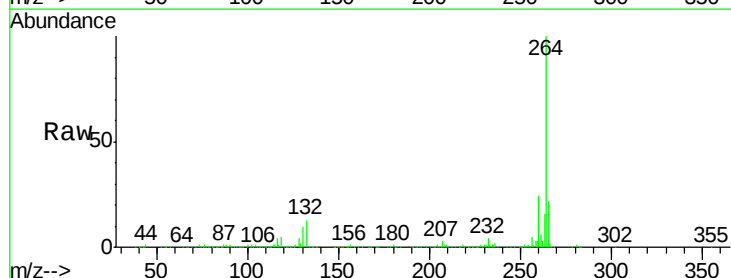
Tgt Ion:264 Resp: 476679

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

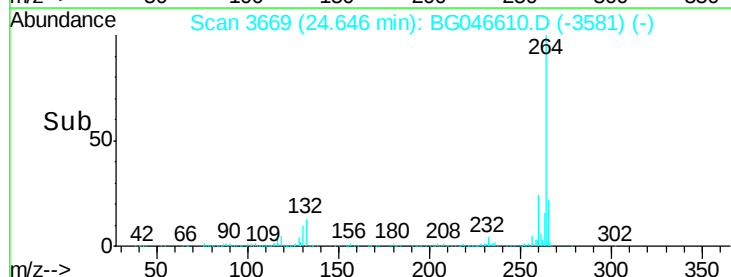
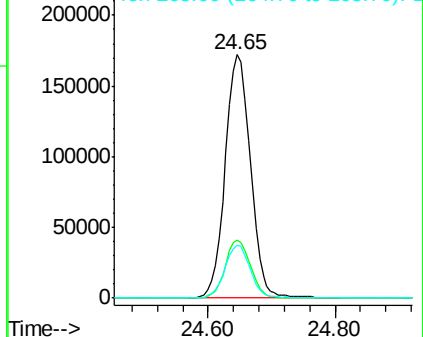
265 21.6 17.9 26.9

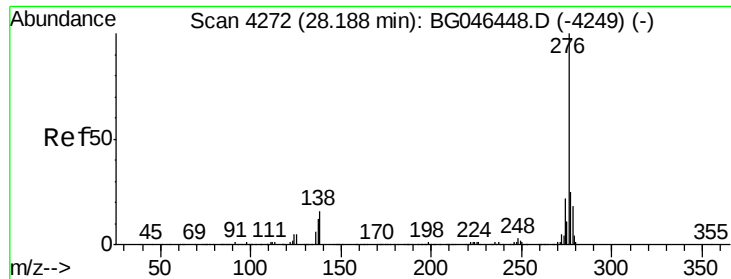


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

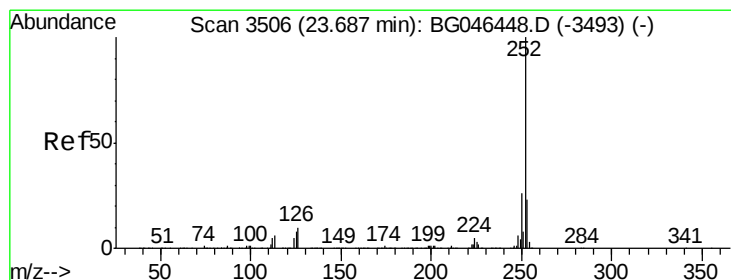
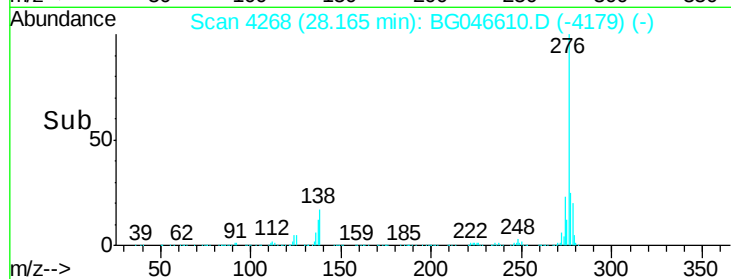
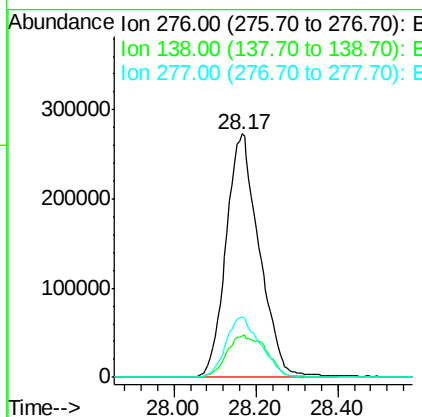
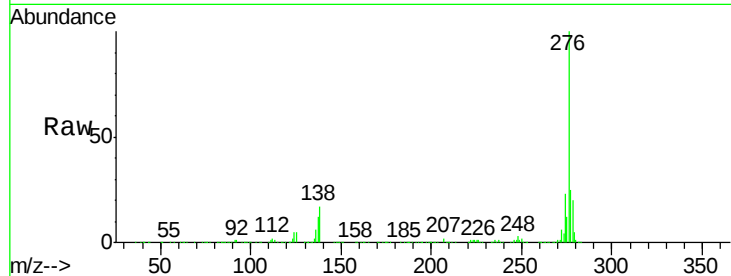




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.963 ng
 RT: 28.17 min Scan# 4268
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

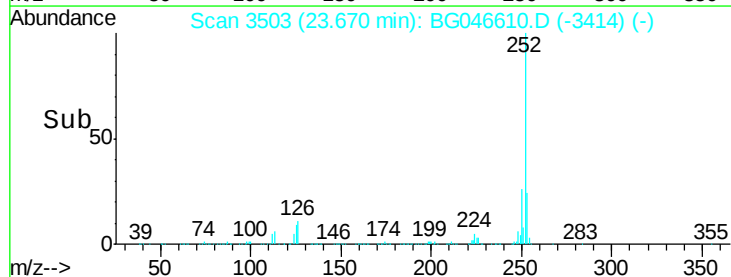
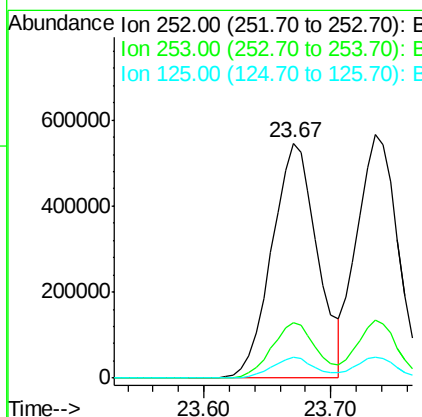
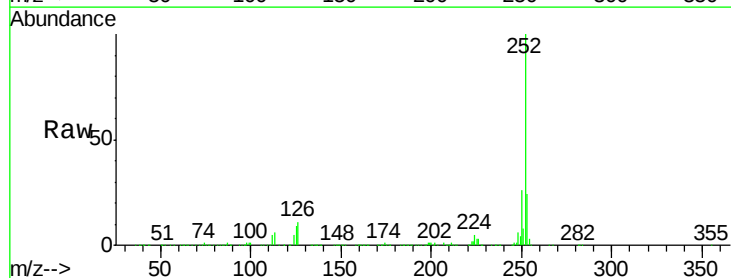
Instrument :
 BNA_G
 ClientSampleId :
 B20-7-9MS

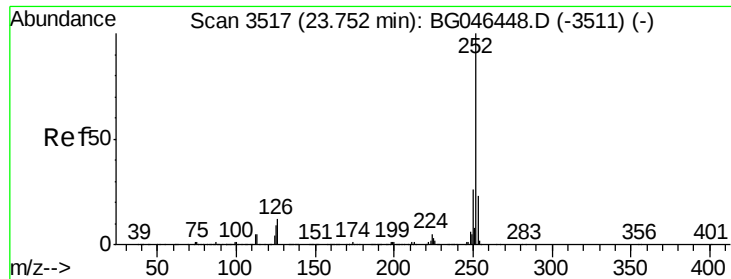
Tot Ion:276 Resp: 1539355
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.5 24.7
 277 25.6 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 45.720 ng
 RT: 23.67 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: BG046610.D
 Acq: 14 Sep 2020 19:31

Tgt Ion:252 Resp: 1360830
 Ion Ratio Lower Upper
 252 100
 253 23.6 18.2 27.4
 125 8.8 6.2 9.2

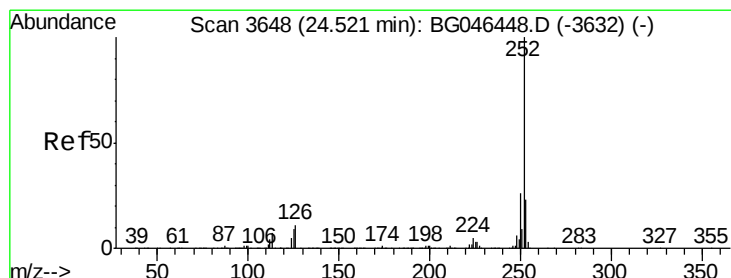
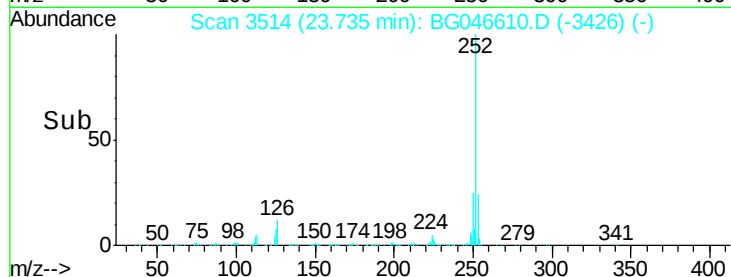
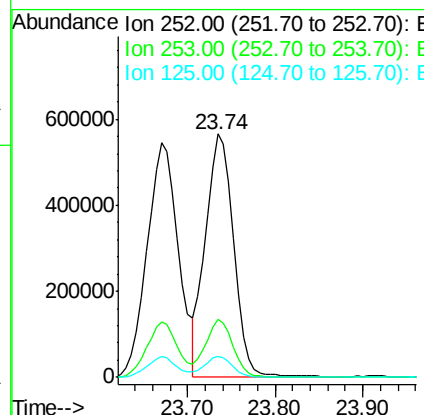
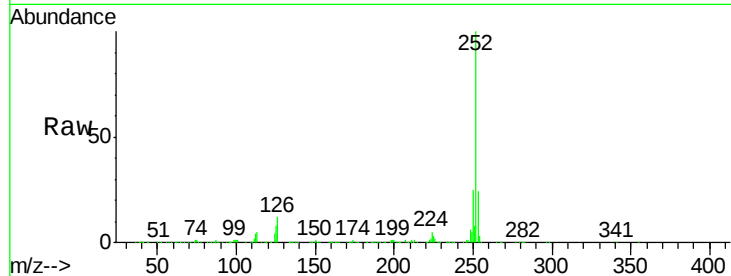




#89
Benzo(k)fluoranthene
Concen: 44.010 ng
RT: 23.74 min Scan# 3514
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

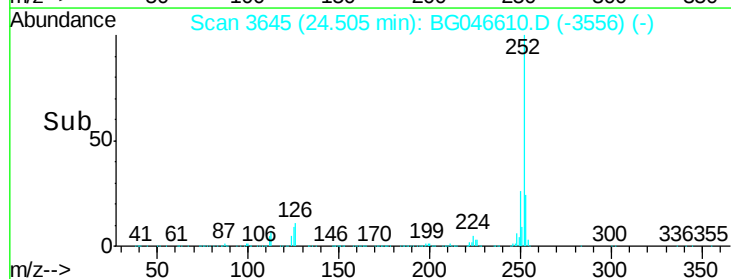
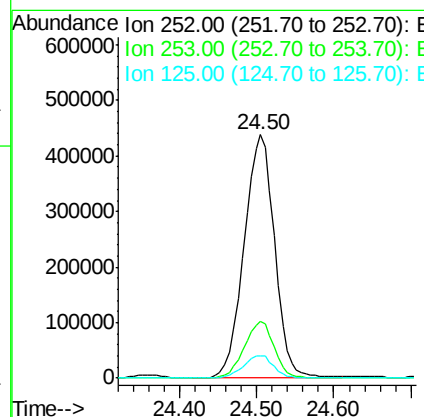
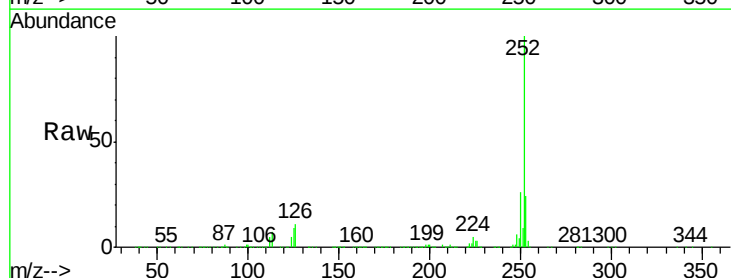
Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

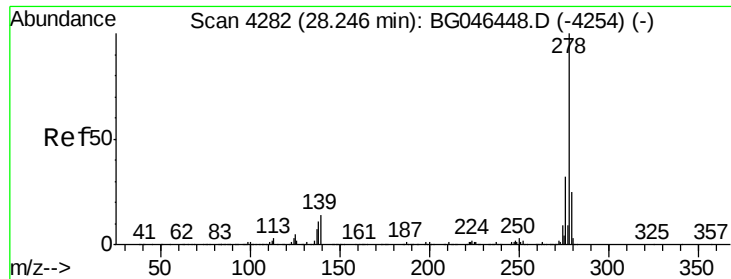
Tot Ion:252 Resp: 1265984
Ion Ratio Lower Upper
252 100
253 23.8 18.5 27.7
125 8.5 6.8 10.2



#90
Benzo(a)pyrene
Concen: 43.645 ng
RT: 24.50 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:252 Resp: 1212312
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 9.0 7.4 11.0

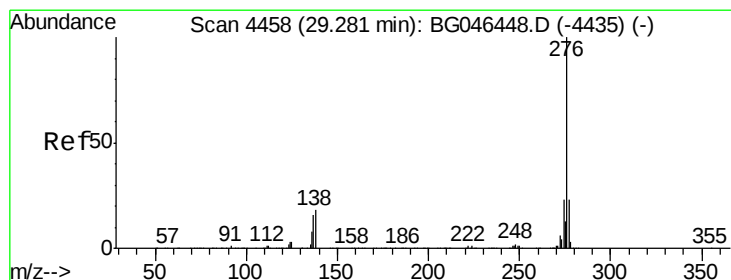
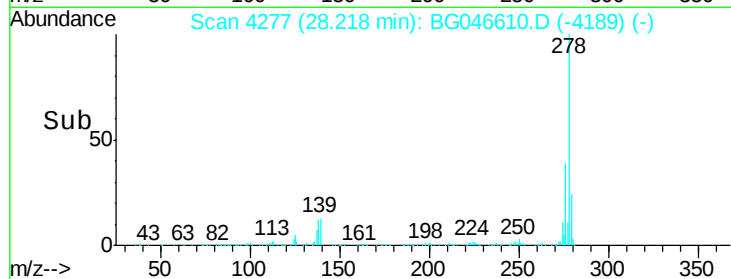
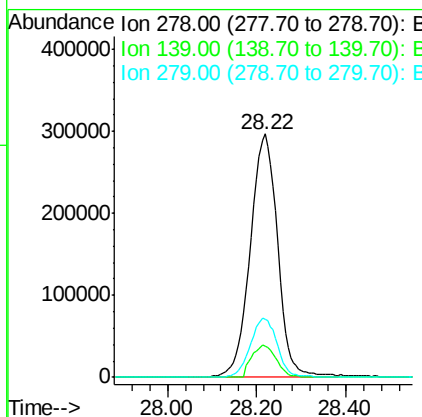
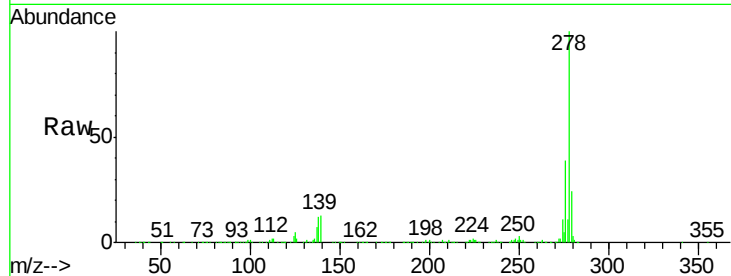




#91
Dibenzo(a,h)anthracene
Concen: 45.114 ng
RT: 28.22 min Scan# 4277
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Instrument :
BNA_G
ClientSampleId :
B20-7-9MS

Tot Ion:278 Resp: 1246391
Ion Ratio Lower Upper
278 100
139 12.7 11.2 16.8
279 24.1 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 46.201 ng
RT: 29.26 min Scan# 4455
Delta R.T. -0.01 min
Lab File: BG046610.D
Acq: 14 Sep 2020 19:31

Tgt Ion:276 Resp: 1274612
Ion Ratio Lower Upper
276 100
277 24.4 18.7 28.1
138 17.8 14.7 22.1

