

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062101.D
 Acq On : 16 Jul 2024 19:41
 Operator : MA/JU
 Sample : PB162022BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 00:47:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 16 12:23:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.053	152	49365	20.000	ng/u1	0.00
20) Naphthalene-d8	10.873	136	217451	20.000	ng/u1	# 0.01
38) Acenaphthene-d10	14.692	164	164472	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.436	188	354943	20.000	ng/u1	# 0.01
79) Chrysene-d12	21.702	240	315596	20.000	ng/u1	# 0.01
88) Perylene-d12	24.933	264	387493	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.441	96	5063	3.854	ng/uL	0.00
4) Pyridine-d5	3.864	84	57583	14.256	ng/u1	0.00
7) Phenol-d5	7.230	99	124089	22.970	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.377	67	69865	20.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.589	132	100497	27.119	ng/u1	0.00
15) 4-Methylphenol-d8	8.782	113	92665	21.785	ng/u1	0.02
21) Nitrobenzene-d5	9.228	128	52637	31.828	ng/u1	0.00
24) 2-Nitrophenol-d4	9.951	143	67346	35.659	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.503	165	127622	35.034	ng/u1	0.02
31) 4-Chloroaniline-d4	11.008	131	138063	26.105	ng/u1	0.00
46) Dimethylphthalate-d6	14.087	166	414924	30.686	ng/u1	0.00
49) Acenaphthylene-d8	14.387	160	434920	30.760	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	56925	26.362	ng/u1	0.01
60) Fluorene-d10	15.679	176	309148	27.158	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	61622	33.057	ng/u1	0.01
73) Anthracene-d10	17.536	188	435889	26.303	ng/u1	0.01
81) Pyrene-d10	19.816	212	540722	29.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	612838	31.889	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	8730	6.021	ng/uL#	82
5) Pyridine	3.881	79	55768	13.463	ng/u1#	87
6) Benzaldehyde	7.195	77	74399	26.021	ng/u1	85
8) Phenol	7.260	94	124976	22.595	ng/u1#	81
10) Bis(2-Chloroethyl)ether	7.471	93	85173	20.045	ng/u1	97
12) 2-Chlorophenol	7.624	128	100681	26.668	ng/u1	92
13) 2-Methylphenol	8.511	108	94694	23.987	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.576	45	170952	18.416	ng/u1#	96
16) Acetophenone	8.881	105	156590	22.287	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.864	70	80607	20.492	ng/u1#	83
18) 4-Methylphenol	8.846	108	97969	22.160	ng/u1	100
19) Hexachloroethane	9.134	117	42854	26.166	ng/u1#	73
22) Nitrobenzene	9.269	77	146754	31.261	ng/u1	97
23) Isophorone	9.792	82	272164	25.662	ng/u1#	95
25) 2-Nitrophenol	9.980	139	63635	33.040	ng/u1#	92
26) 2,4-Dimethylphenol	10.045	107	100099	21.716	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.268	93	139574	23.898	ng/u1	96
29) 2,4-Dichlorophenol	10.527	162	116222	33.965	ng/u1	93
30) Naphthalene	10.920	128	316929	26.533	ng/u1	97
32) 4-Chloroaniline	11.032	127	124207	23.935	ng/u1	99
33) Hexachlorobutadiene	11.191	225	81070	31.484	ng/u1	92
34) Caprolactam	11.866	113	1980	1.477	ng/u1	97
35) 4-Chloro-3-methylphenol	12.166	107	144774	31.767	ng/u1	98
36) 2-Methylnaphthalene	12.524	142	264067	30.515	ng/u1	96

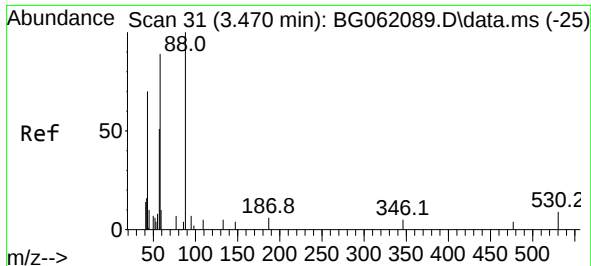
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 Response via : Initial Calibration

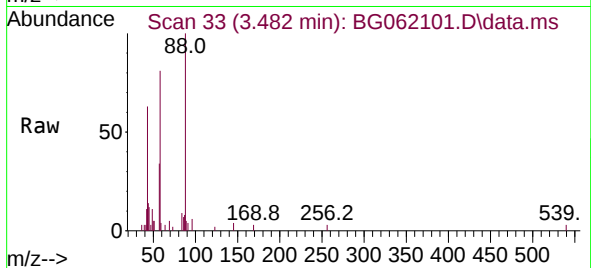
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.742	142	271695	30.212	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.883	216	166198	33.649	ng/ul	95
40) Hexachlorocyclopentadiene	12.853	237	36401	11.071	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.135	196	85804	26.155	ng/ul	99
42) 2,4,5-Trichlorophenol	13.212	196	92177	25.578	ng/ul	91
43) 1,1'-Biphenyl	13.523	154	331775	26.181	ng/ul#	96
44) 2-Chloronaphthalene	13.570	162	275938	29.013	ng/ul	93
45) 2-Nitroaniline	13.782	65	120883	31.739	ng/ul	93
47) Dimethylphthalate	14.140	163	366724	28.197	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	79132	32.072	ng/ul	95
50) Acenaphthylene	14.416	152	437619	28.201	ng/ul	99
51) 3-Nitroaniline	14.598	138	75120	31.278	ng/ul	92
52) Acenaphthene	14.751	153	303331	28.308	ng/ul	94
53) 2,4-Dinitrophenol	14.810	184	34954	27.116	ng/ul	90
55) 4-Nitrophenol	14.933	109	80163	32.526	ng/ul#	84
56) Dibenzofuran	15.086	168	418517	27.635	ng/ul	91
57) 2,4-Dinitrotoluene	15.057	165	117856	32.571	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.315	232	73119	22.470	ng/ul#	93
59) Diethylphthalate	15.491	149	340896	24.323	ng/ul	94
61) Fluorene	15.738	166	333288	25.878	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.721	204	174660	26.998	ng/ul	95
63) 4-Nitroaniline	15.768	138	73543	30.178	ng/ul#	71
66) 4,6-Dinitro-2-methylph...	15.820	198	64395	32.099	ng/ul#	85
67) N-Nitrosodiphenylamine	15.938	169	303772	31.339	ng/ul	100
68) 4-Bromophenyl-phenylether	16.619	248	139374	34.612	ng/ul	99
69) Hexachlorobenzene	16.737	284	159092	34.359	ng/ul	97
70) Atrazine	16.884	200	56526	14.772	ng/ul	89
71) Pentachlorophenol	17.090	266	51658	20.297	ng/ul	96
72) Phenanthrene	17.477	178	480751	25.687	ng/ul	100
74) Anthracene	17.571	178	480847	24.861	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.488	216	146639	33.264	ng/ul	97
76) Pentachlorobenzene	15.004	250	179522	35.704	ng/ul	95
77) Carbazole	17.842	167	449807	27.634	ng/ul	99
78) Di-n-butylphthalate	18.376	149	621144	29.722	ng/ul	97
80) Fluoranthene	19.481	202	555834	25.302	ng/ul#	92
82) Pyrene	19.845	202	660608	29.111	ng/ul#	92
83) Butylbenzylphthalate	20.715	149	224809	23.605	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.590	252	238852	31.813	ng/ul	96
85) Benzo(a)anthracene	21.678	228	672736	29.441	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.561	149	375001	27.440	ng/ul	95
87) Chrysene	21.749	228	641743	30.000	ng/ul	98
89) Di-n-octyl phthalate	22.771	149	670527	28.324	ng/ul	100
90) Benzo(b)fluoranthene	23.905	252	722442	29.592	ng/ul#	95
91) Benzo(k)fluoranthene	23.970	252	727566	29.886	ng/ul#	92
93) Benzo(a)pyrene	24.786	252	628297	27.178	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.629	276	630962	21.358	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.694	278	644620	26.419	ng/ul	97
96) Benzo(g,h,i)perylene	29.792	276	612620	26.066	ng/ul#	92

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

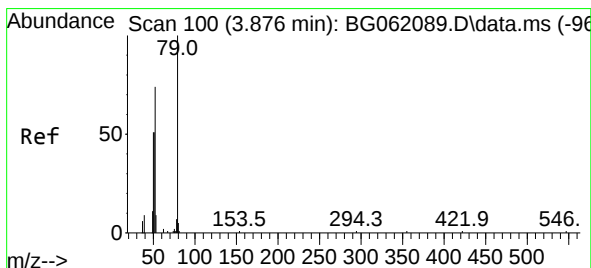
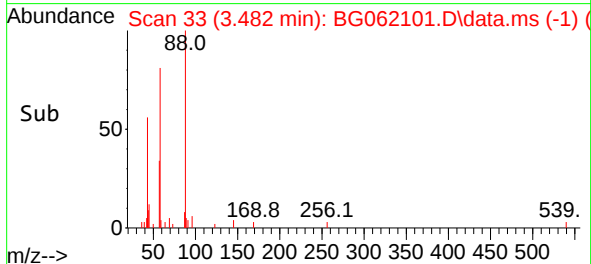
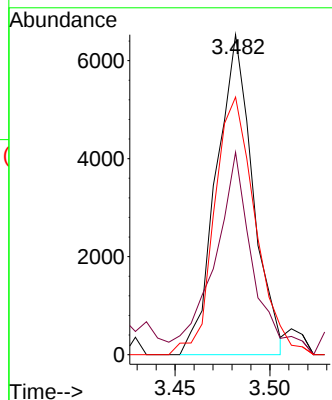


#2
1,4-Dioxane
Concen: 6.021 ng/uL
RT: 3.482 min Scan# 31
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Instrument :
BNA_G
ClientSampleId :

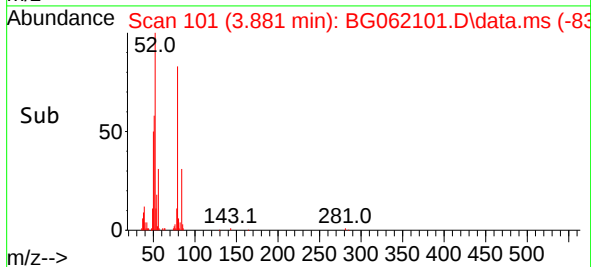
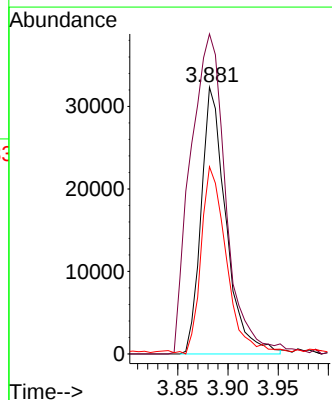
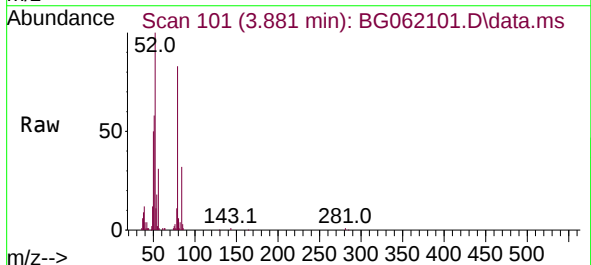


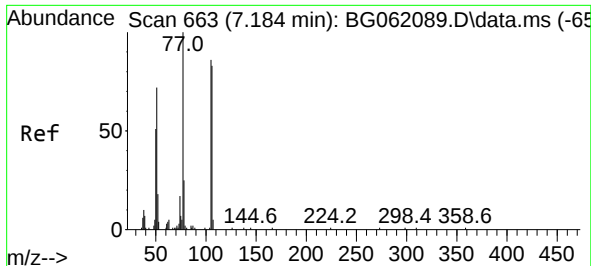
Tgt Ion: 88 Resp: 8730
Ion Ratio Lower Upper
88 100
43 63.2 39.4 59.2#
58 80.5 78.1 117.1



#5
Pyridine
Concen: 13.463 ng/uL
RT: 3.881 min Scan# 101
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion: 79 Resp: 55768
Ion Ratio Lower Upper
79 100
52 119.9 86.0 129.0
51 70.1 46.4 69.6#

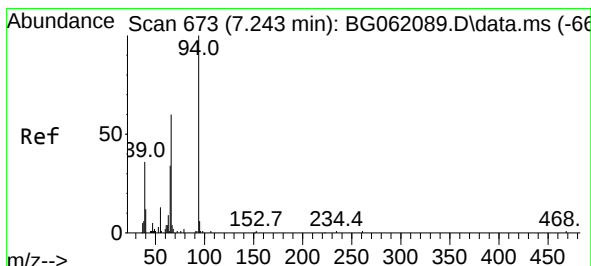
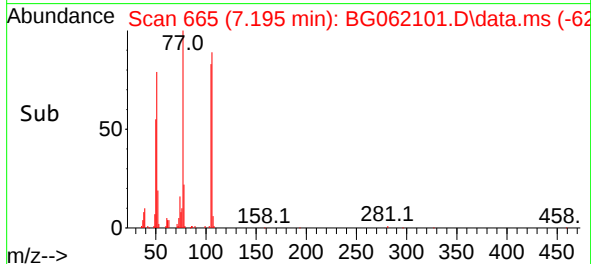
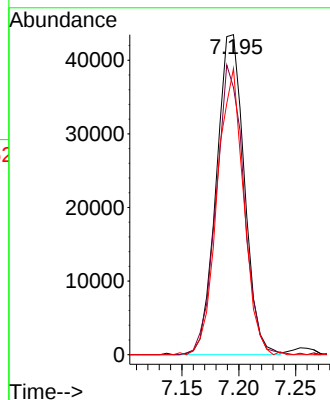
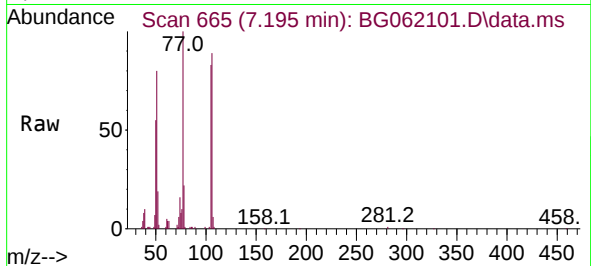




#6
Benzaldehyde
Concen: 26.021 ng/ul
RT: 7.195 min Scan# 663
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

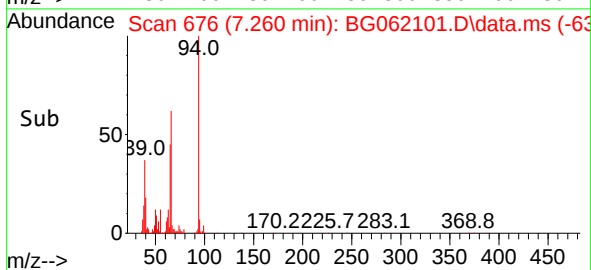
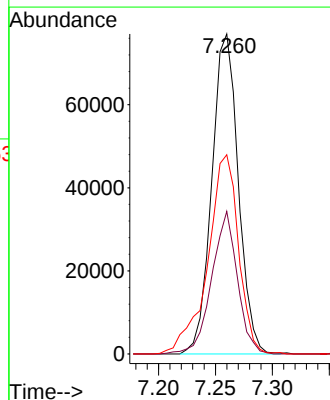
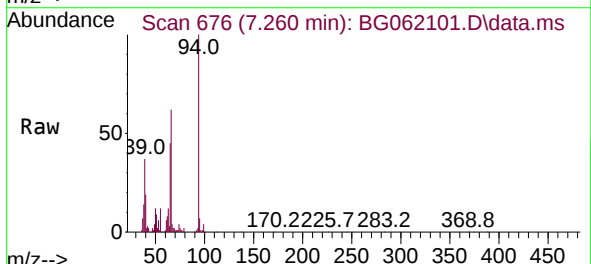
Instrument :
BNA_G
ClientSampleId :

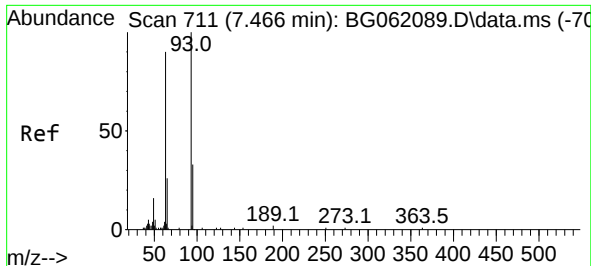
Tgt Ion: 77 Resp: 74399
Ion Ratio Lower Upper
77 100
105 83.5 79.6 119.4
106 89.4 62.6 93.8



#8
Phenol
Concen: 22.595 ng/ul
RT: 7.260 min Scan# 676
Delta R.T. 0.017 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion: 94 Resp: 124976
Ion Ratio Lower Upper
94 100
65 44.5 29.0 43.4#
66 62.2 37.4 56.2#

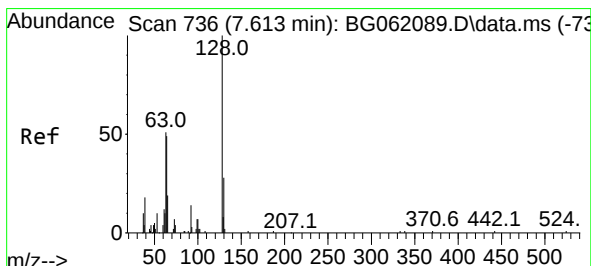
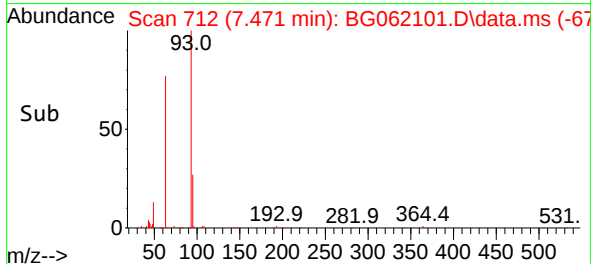
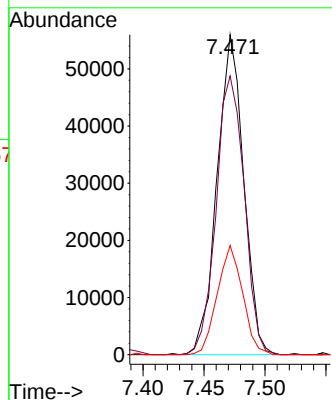
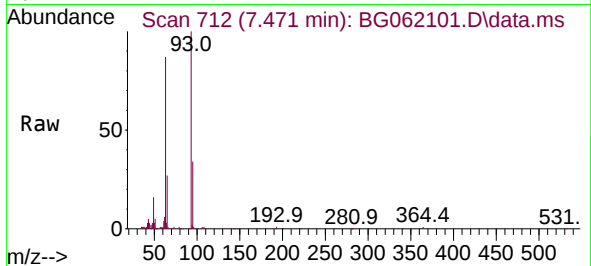




#10
Bis(2-Chloroethyl)ether
Concen: 20.045 ng/ul
RT: 7.471 min Scan# 711
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

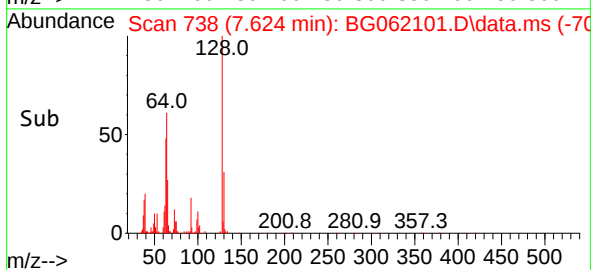
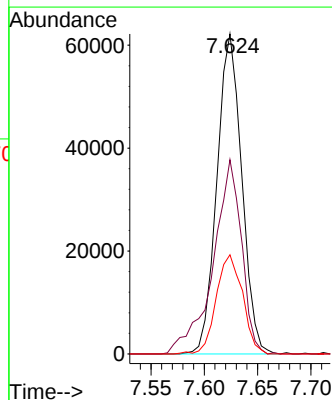
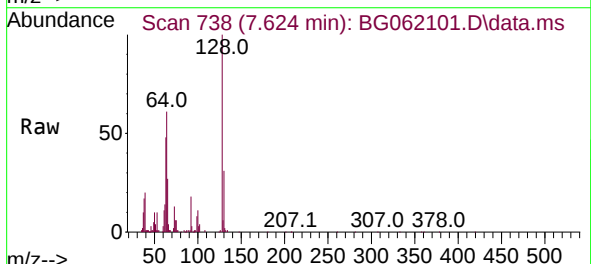
Instrument :
BNA_G
ClientSampleId :

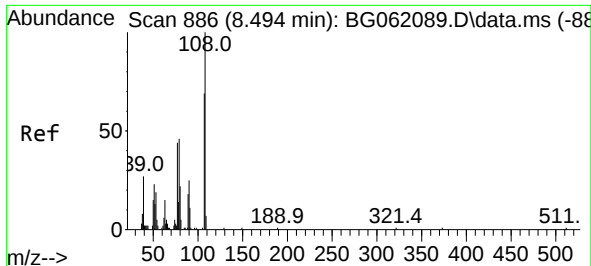
Tgt Ion: 93 Resp: 85173
Ion Ratio Lower Upper
93 100
63 87.1 72.2 108.2
95 34.1 26.7 40.1



#12
2-Chlorophenol
Concen: 26.668 ng/ul
RT: 7.624 min Scan# 738
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:128 Resp: 100681
Ion Ratio Lower Upper
128 100
64 60.7 42.6 63.8
130 31.0 23.3 34.9





#13

2-Methylphenol

Concen: 23.987 ng/ul

RT: 8.511 min Scan# 886

Delta R.T. 0.017 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

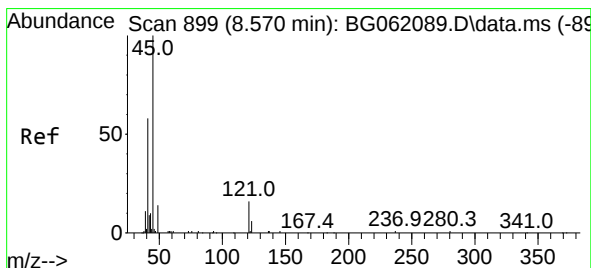
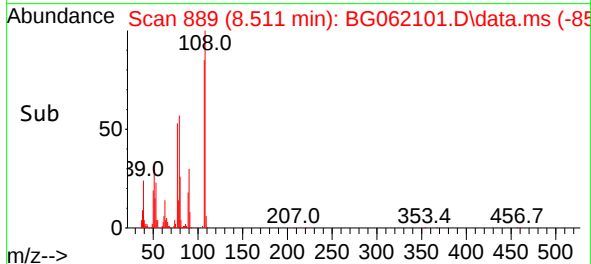
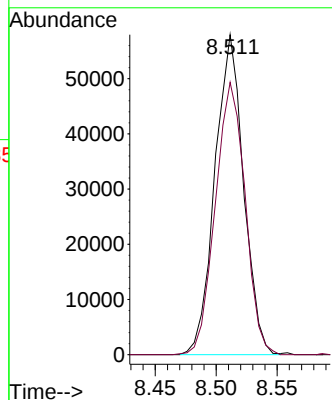
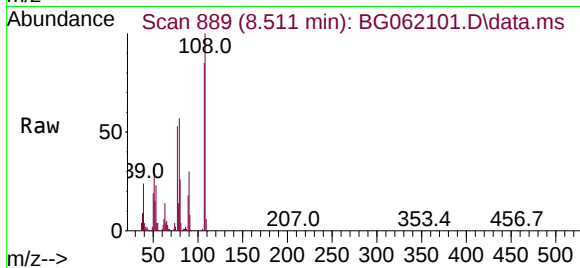
ClientSampleId :

Tgt Ion:108 Resp: 94694

Ion Ratio Lower Upper

108 100

107 85.1 74.9 112.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.416 ng/ul

RT: 8.576 min Scan# 900

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

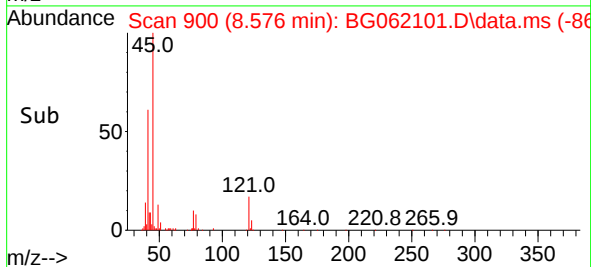
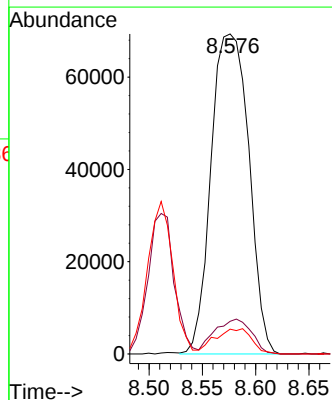
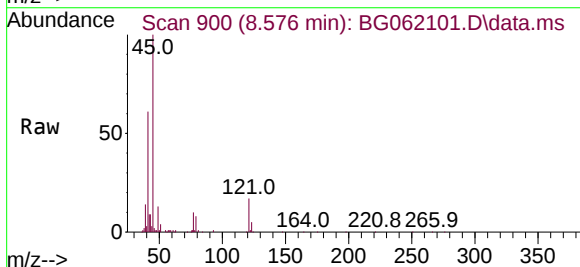
Tgt Ion: 45 Resp: 170952

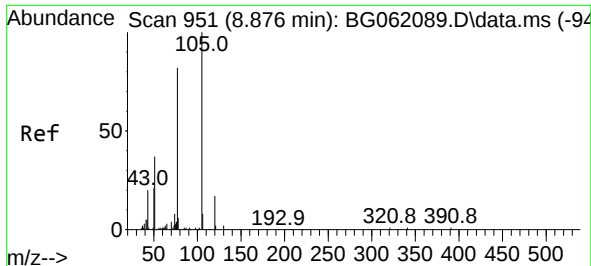
Ion Ratio Lower Upper

45 100

77 10.2 7.4 11.0

79 7.7 4.8 7.2#

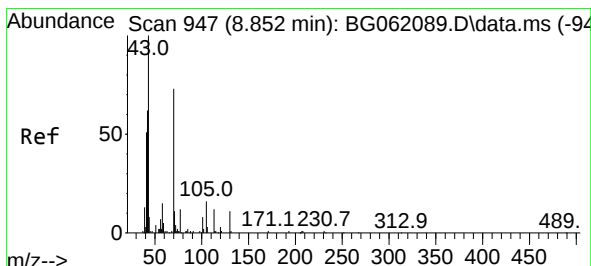
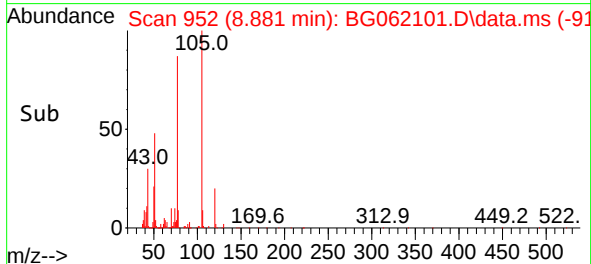
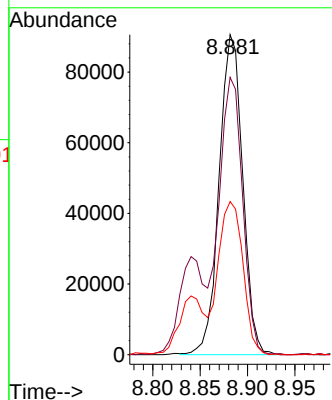
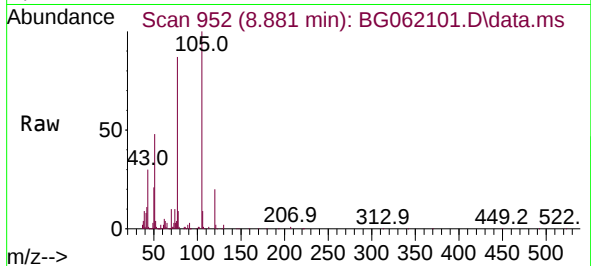




#16
Acetophenone
Concen: 22.287 ng/ul
RT: 8.881 min Scan# 91
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

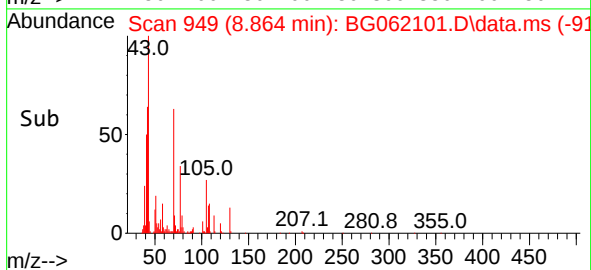
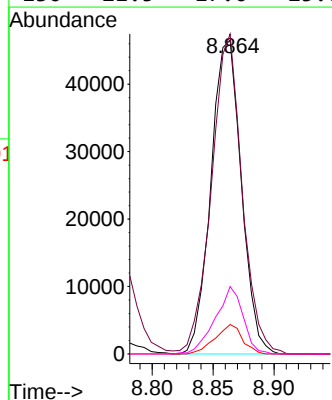
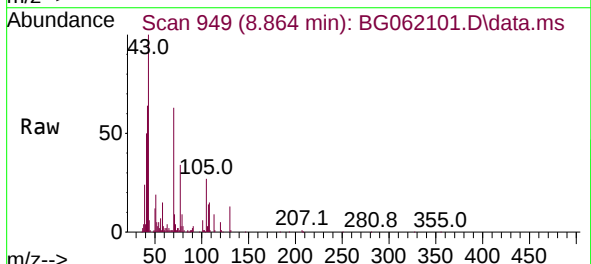
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ClientSampleId :

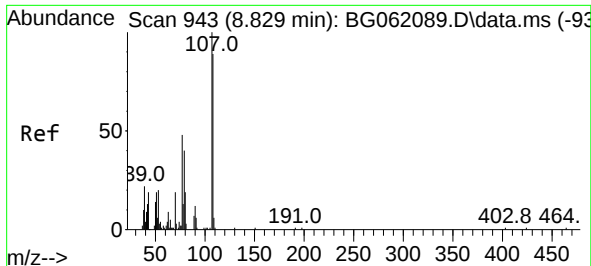
Tgt Ion:105 Resp: 156590
Ion Ratio Lower Upper
105 100
77 86.6 64.1 96.1
51 47.9 33.8 50.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.492 ng/ul
RT: 8.864 min Scan# 949
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

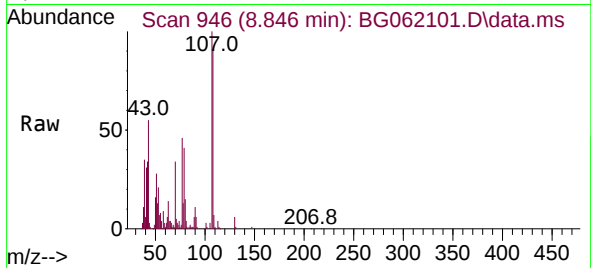
Tgt Ion: 70 Resp: 80607
Ion Ratio Lower Upper
70 100
42 102.0 64.7 97.1#
101 9.4 7.3 10.9
130 21.5 17.0 25.6



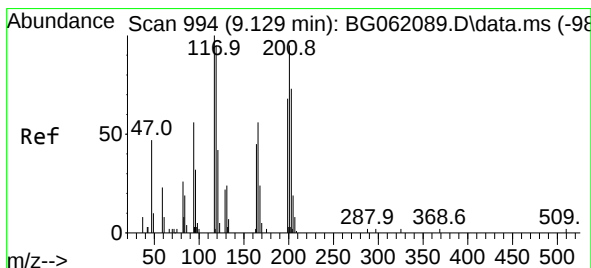
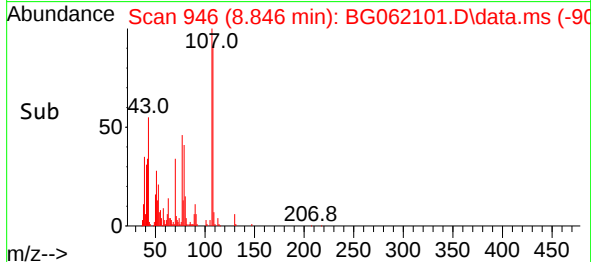
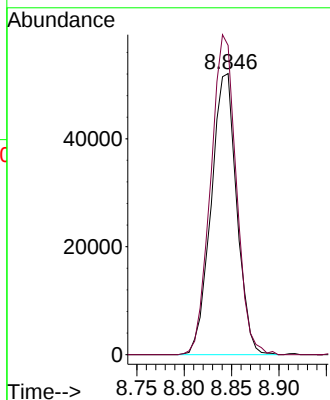


#18
4-Methylphenol
Concen: 22.160 ng/ul
RT: 8.846 min Scan# 943
Delta R.T. 0.017 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Instrument :
BNA_G
ClientSampleId :

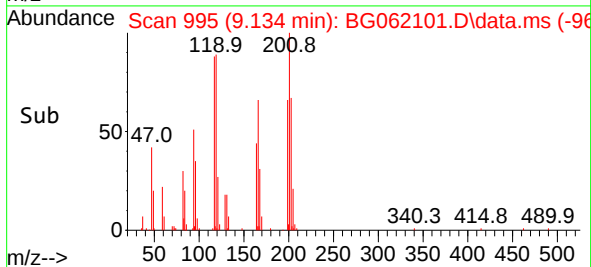
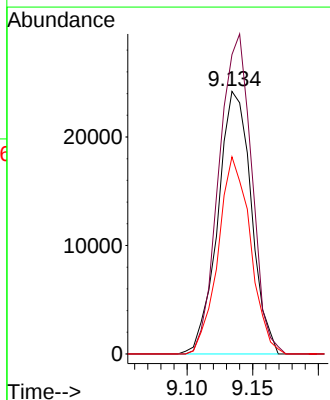
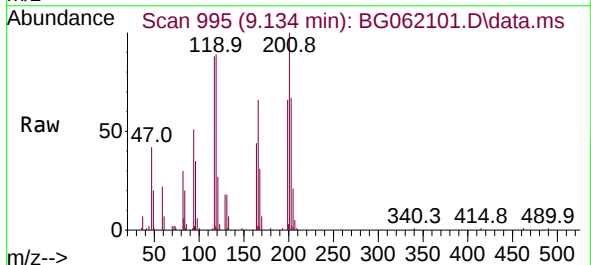


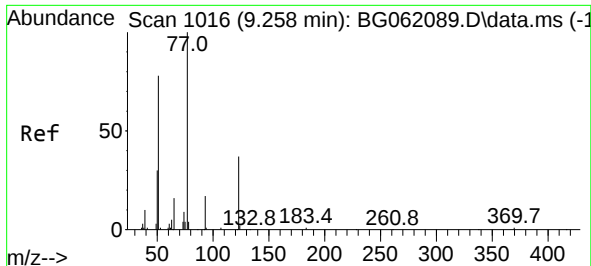
Tgt Ion:108 Resp: 97969
Ion Ratio Lower Upper
108 100
107 110.0 88.4 132.6



#19
Hexachloroethane
Concen: 26.166 ng/ul
RT: 9.134 min Scan# 995
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:117 Resp: 42854
Ion Ratio Lower Upper
117 100
201 114.0 69.3 103.9#
199 78.7 48.9 73.3#





#22

Nitrobenzene

Concen: 31.261 ng/ul

RT: 9.269 min Scan# 1107

Delta R.T. 0.011 min

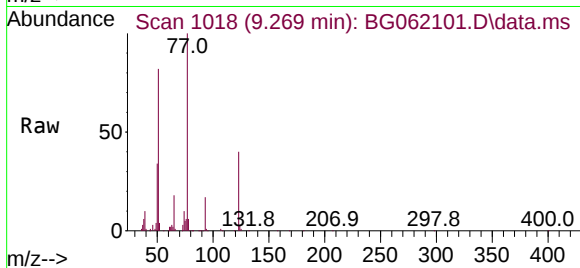
Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

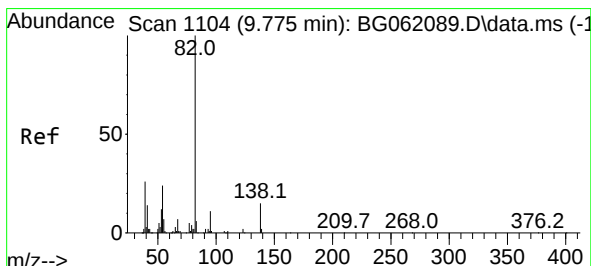
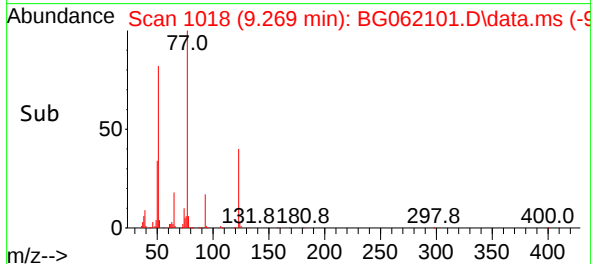
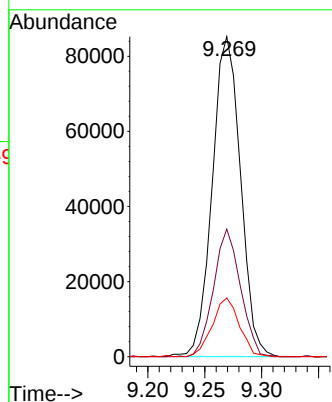
Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 77	Resp: 146754
Ion Ratio	Lower Upper
77 100	
123 39.8	31.0 46.6
65 18.3	12.7 19.1



#23

Isophorone

Concen: 25.662 ng/ul

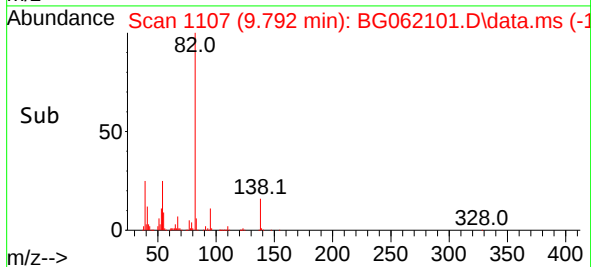
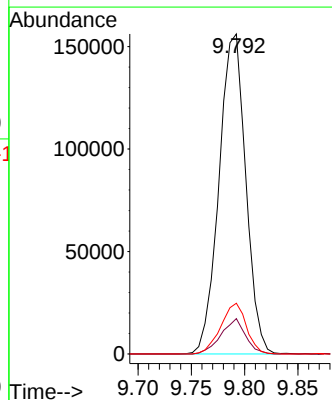
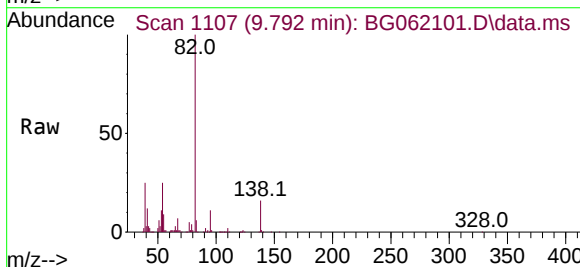
RT: 9.792 min Scan# 1107

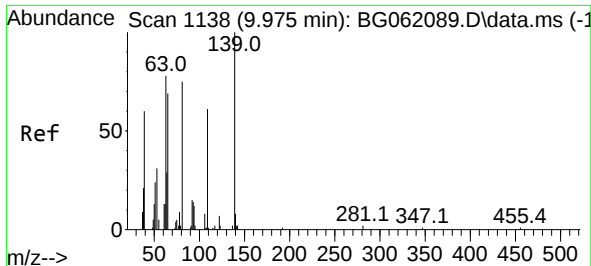
Delta R.T. 0.017 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion: 82	Resp: 272164
Ion Ratio	Lower Upper
82 100	
95 11.0	6.0 9.0#
138 15.8	11.9 17.9

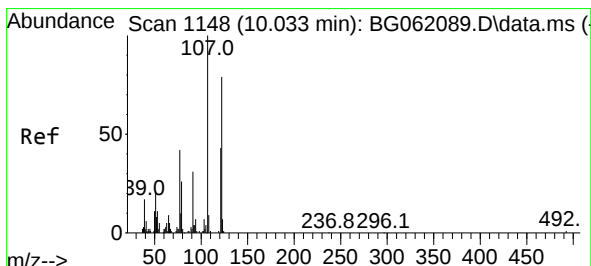
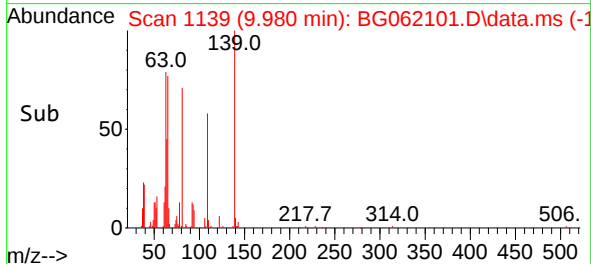
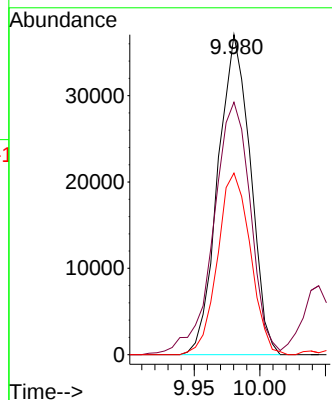
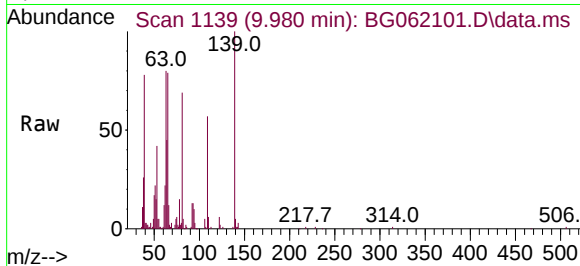




#25
2-Nitrophenol
Concen: 33.040 ng/ul
RT: 9.980 min Scan# 1138
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

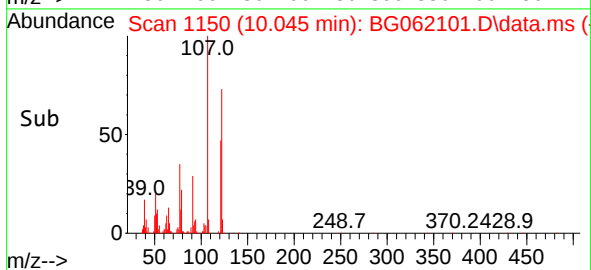
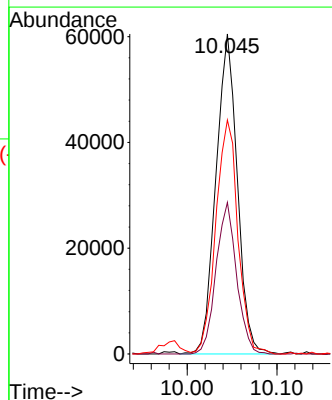
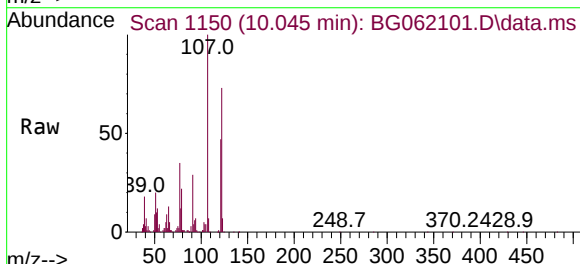
Instrument :
BNA_G
ClientSampleId :

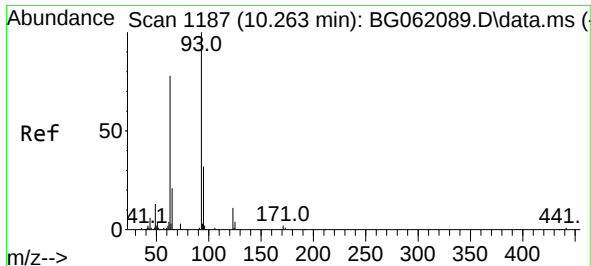
Tgt Ion:139 Resp: 63635
Ion Ratio Lower Upper
139 100
65 78.9 61.6 92.4
109 56.8 35.4 53.2#



#26
2,4-Dimethylphenol
Concen: 21.716 ng/ul
RT: 10.045 min Scan# 1150
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:107 Resp: 100099
Ion Ratio Lower Upper
107 100
121 47.3 35.6 53.4
122 73.1 62.2 93.2

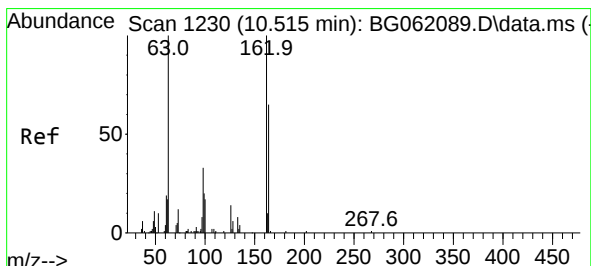
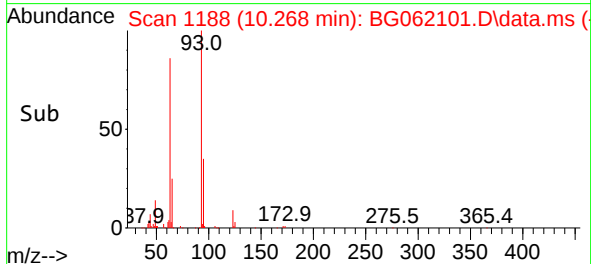
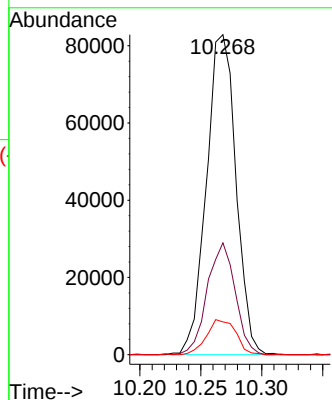
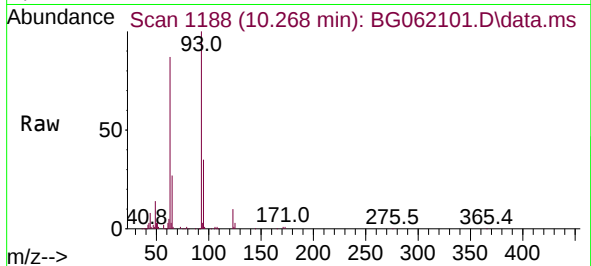




#27
Bis(2-Chloroethoxy)methane
Concen: 23.898 ng/ul
RT: 10.268 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

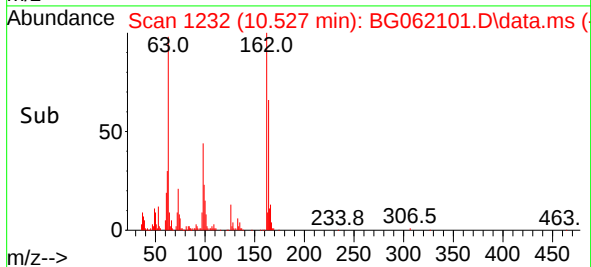
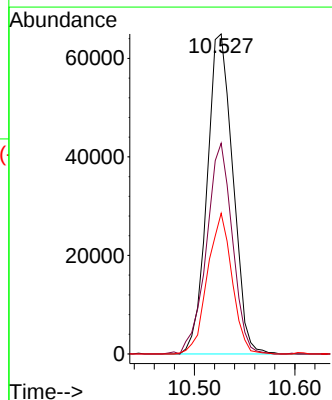
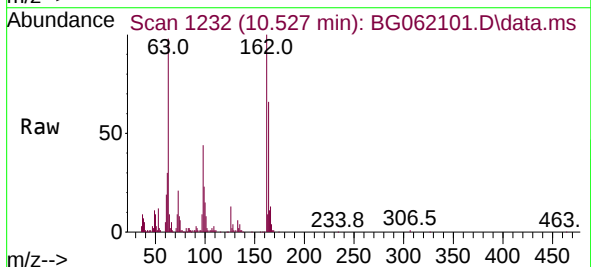
Instrument :
BNA_G
ClientSampleId :

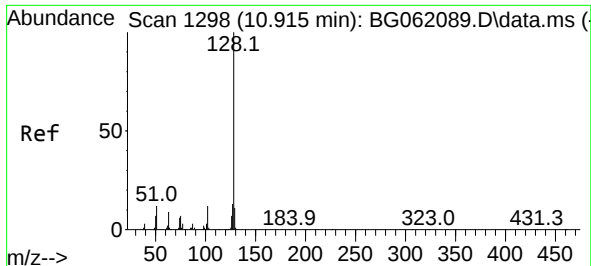
Tgt Ion: 93 Resp: 139574
Ion Ratio Lower Upper
93 100
95 34.9 26.2 39.2
123 10.3 7.5 11.3



#29
2,4-Dichlorophenol
Concen: 33.965 ng/ul
RT: 10.527 min Scan# 1232
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:162 Resp: 116222
Ion Ratio Lower Upper
162 100
164 65.8 46.9 70.3
98 43.9 33.4 50.2

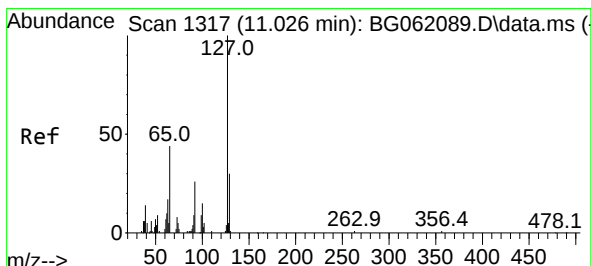
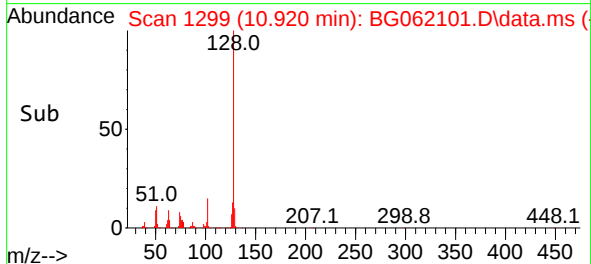
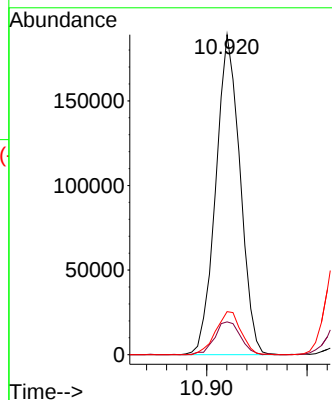
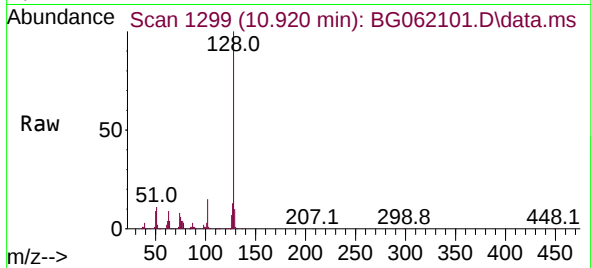




#30
Naphthalene
Concen: 26.533 ng/ul
RT: 10.920 min Scan# 1298
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

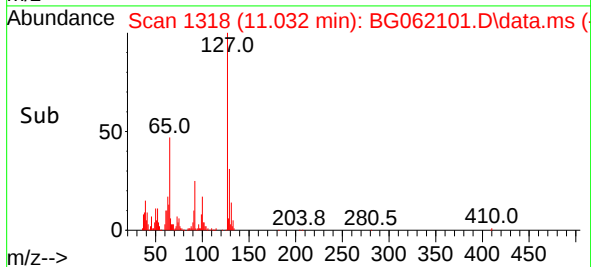
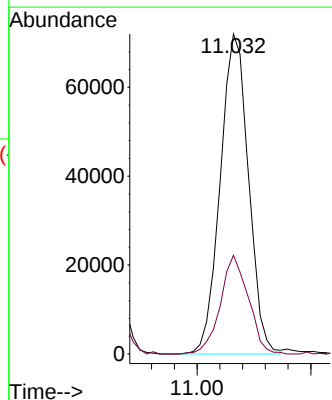
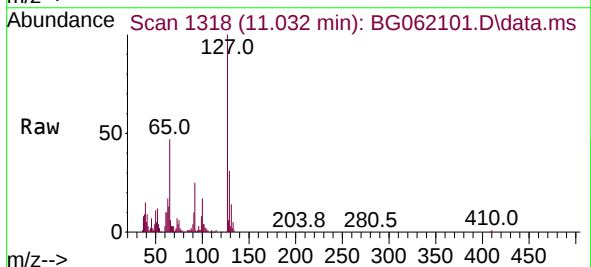
Instrument :
BNA_G
ClientSampleId :

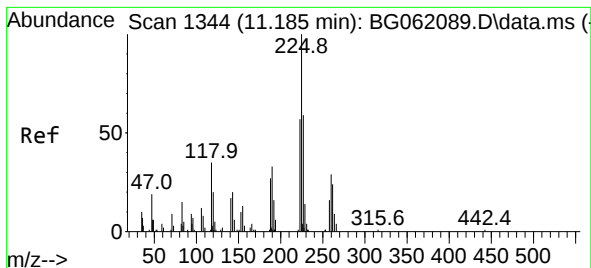
Tgt Ion:128 Resp: 316929
Ion Ratio Lower Upper
128 100
129 10.2 7.7 11.5
127 13.5 9.6 14.4



#32
4-Chloroaniline
Concen: 23.935 ng/ul
RT: 11.032 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:127 Resp: 124207
Ion Ratio Lower Upper
127 100
129 30.8 24.2 36.4

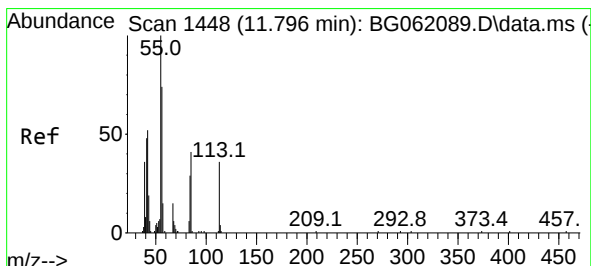
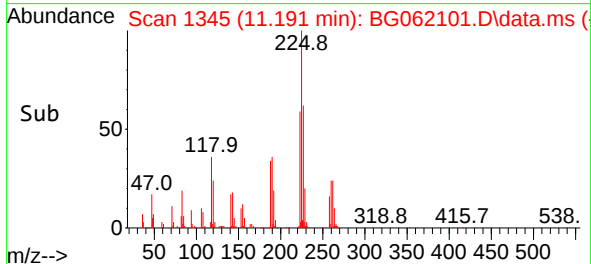
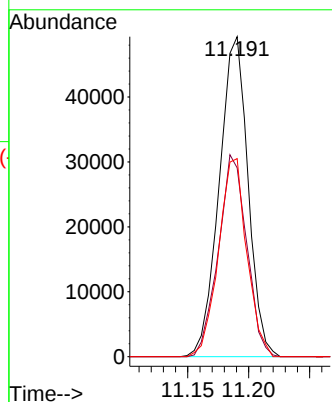
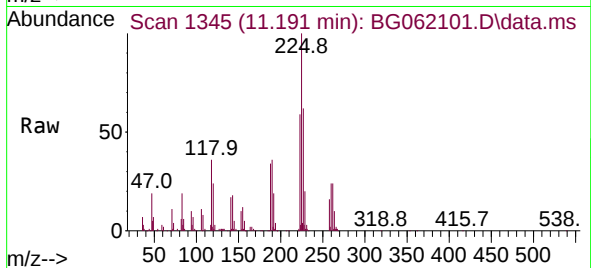




#33
Hexachlorobutadiene
Concen: 31.484 ng/ul
RT: 11.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

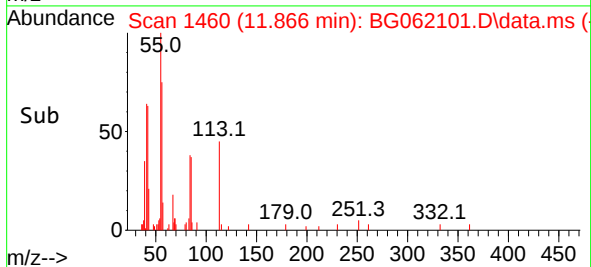
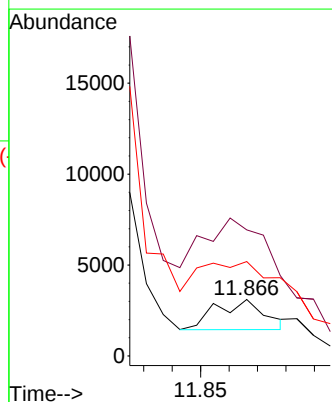
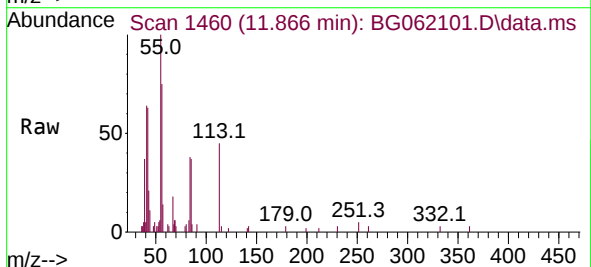
Instrument :
BNA_G
ClientSampleId :

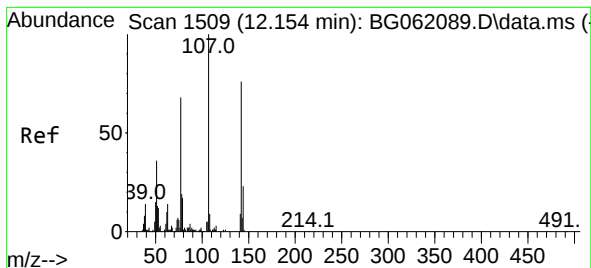
Tgt Ion:225 Resp: 81070
Ion Ratio Lower Upper
225 100
223 62.1 45.4 68.2
227 61.9 44.0 66.0



#34
Caprolactam
Concen: 1.477 ng/ul
RT: 11.866 min Scan# 1460
Delta R.T. 0.070 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:113 Resp: 1980
Ion Ratio Lower Upper
113 100
55 223.4 184.6 276.8
56 167.3 135.0 202.6

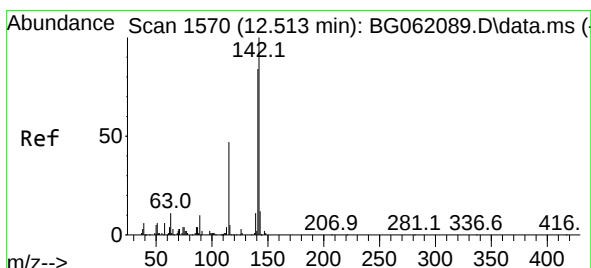
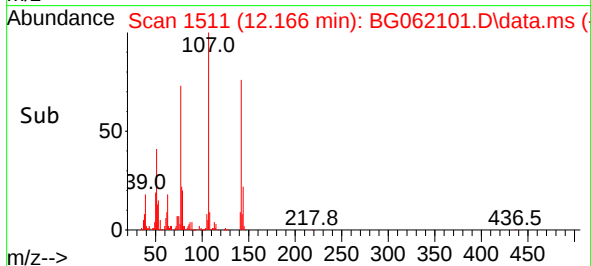
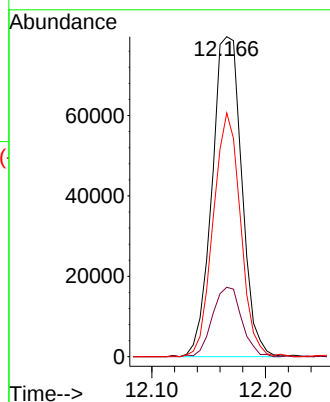
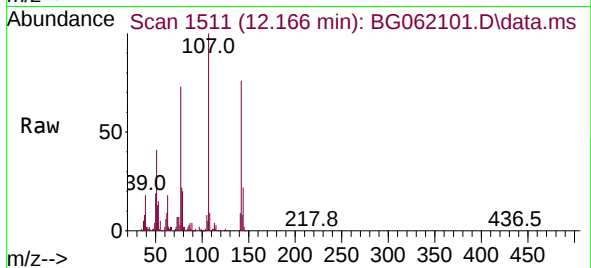




#35
4-Chloro-3-methylphenol
Concen: 31.767 ng/ul
RT: 12.166 min Scan# 1511
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

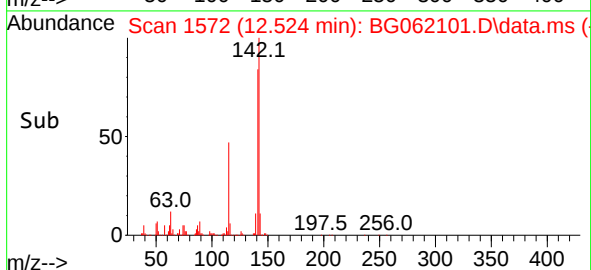
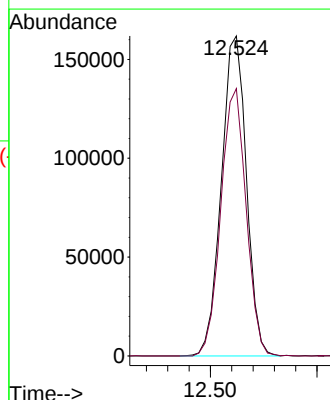
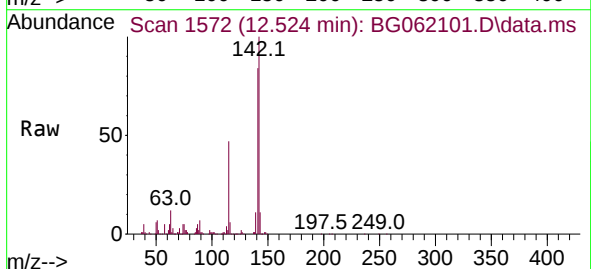
Instrument :
BNA_G
ClientSampleId :

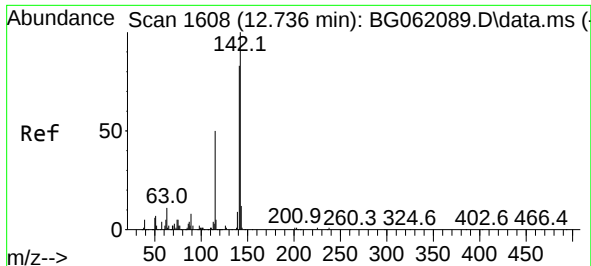
Tgt Ion:107 Resp: 144774
Ion Ratio Lower Upper
107 100
144 21.7 19.6 29.4
142 76.1 60.3 90.5



#36
2-Methylnaphthalene
Concen: 30.515 ng/ul
RT: 12.524 min Scan# 1572
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:142 Resp: 264067
Ion Ratio Lower Upper
142 100
141 83.6 69.4 104.2





#37

1-Methylnaphthalene

Concen: 30.212 ng/ul

RT: 12.742 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

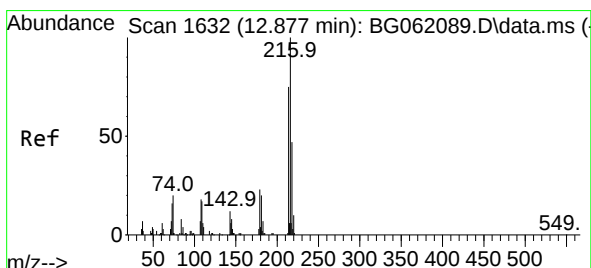
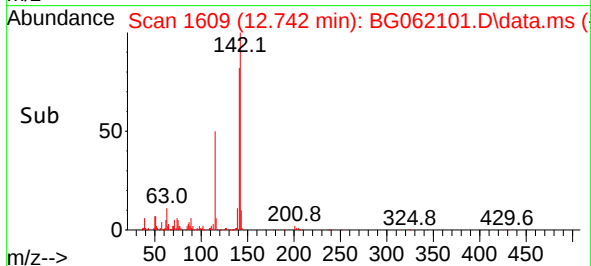
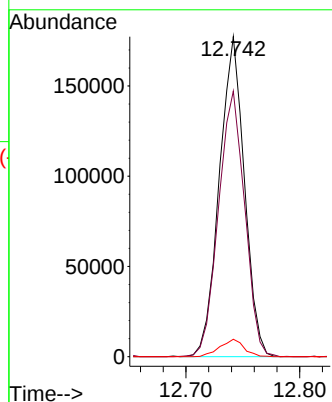
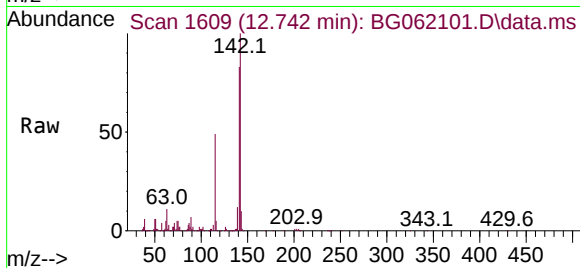
Tgt Ion:142 Resp: 271695

Ion Ratio Lower Upper

142 100

141 83.0 71.4 107.2

116 5.5 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.649 ng/ul

RT: 12.883 min Scan# 1633

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion:216 Resp: 166198

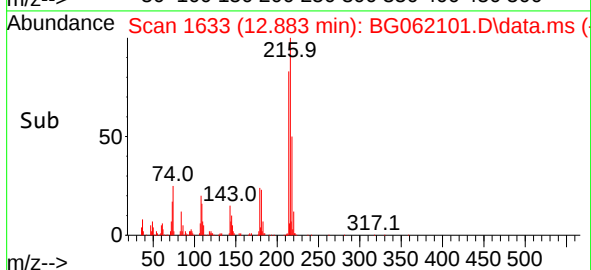
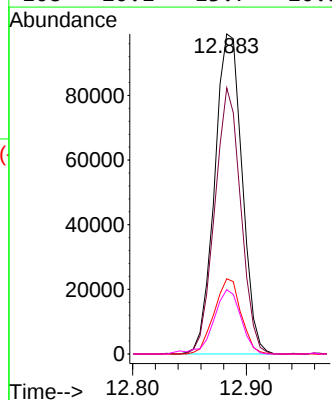
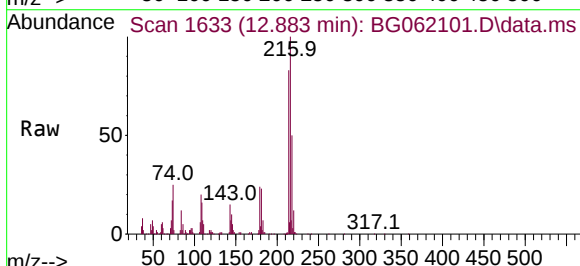
Ion Ratio Lower Upper

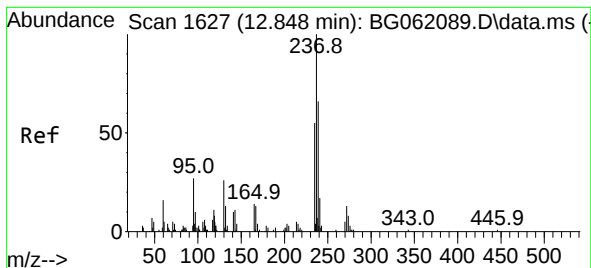
216 100

214 83.1 62.5 93.7

179 23.5 18.6 27.8

108 20.1 13.7 20.5





#40

Hexachlorocyclopentadiene

Concen: 11.071 ng/ul

RT: 12.853 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG062101.D

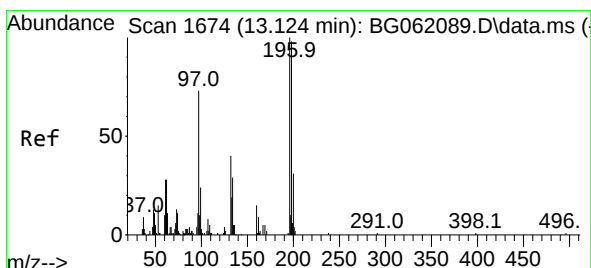
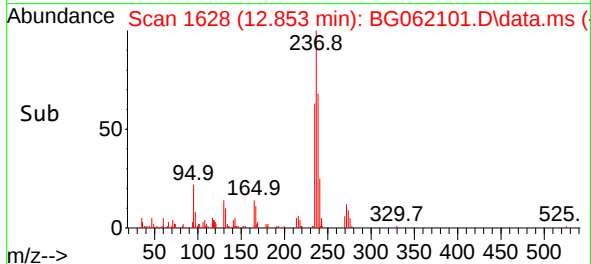
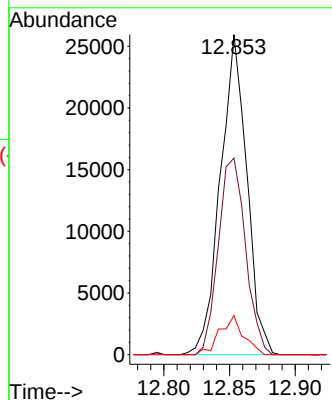
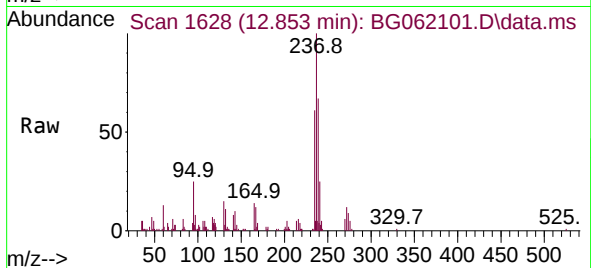
Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:237	Resp:	36401
Ion Ratio	Lower	Upper
237	100	
235	61.5	51.7 77.5
272	12.2	12.4 18.6#



#41

2,4,6-Trichlorophenol

Concen: 26.155 ng/ul

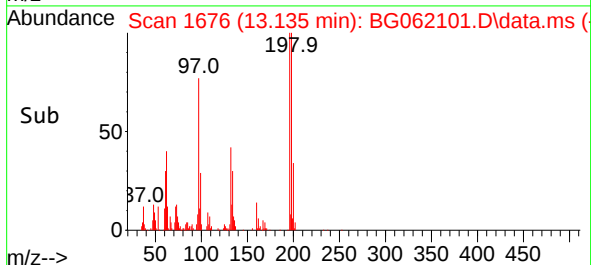
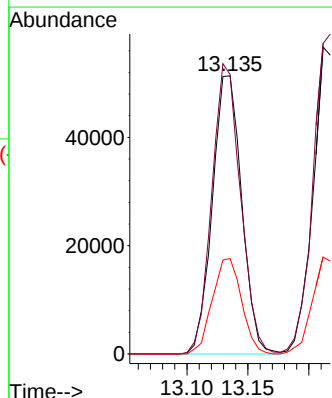
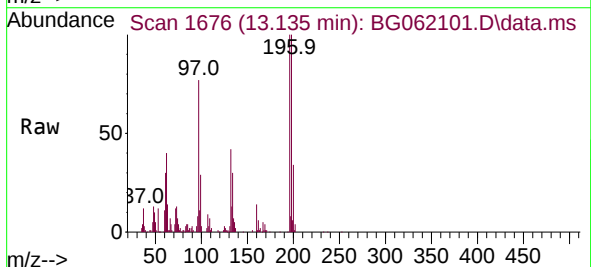
RT: 13.135 min Scan# 1676

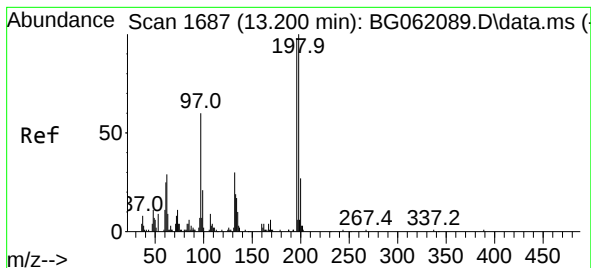
Delta R.T. 0.011 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion:196	Resp:	85804
Ion Ratio	Lower	Upper
196	100	
198	100.5	79.9 119.9
200	34.3	26.7 40.1





#42

2,4,5-Trichlorophenol

Concen: 25.578 ng/ul

RT: 13.212 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG062101.D

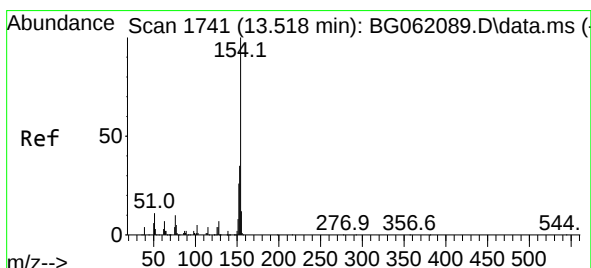
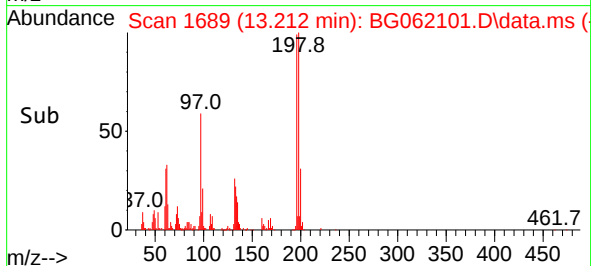
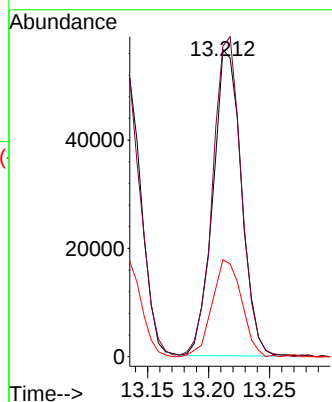
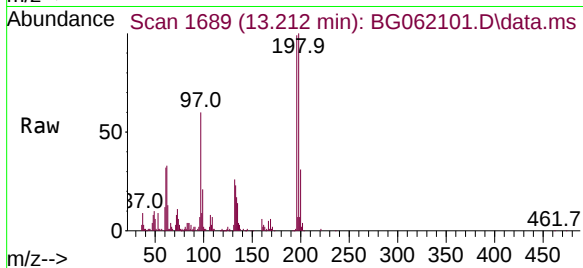
Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:196	Resp:	92177
Ion Ratio	Lower	Upper
196	100	
198	101.1	72.5 108.7
200	31.6	23.7 35.5



#43

1,1'-Biphenyl

Concen: 26.181 ng/ul

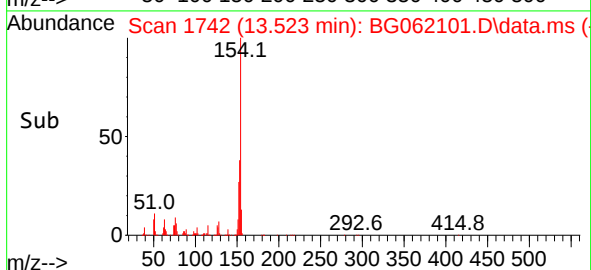
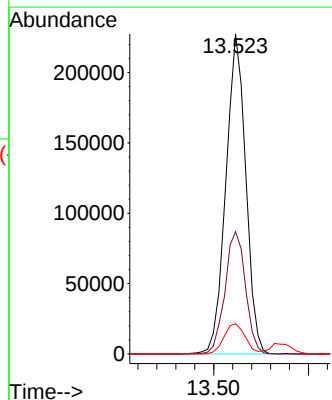
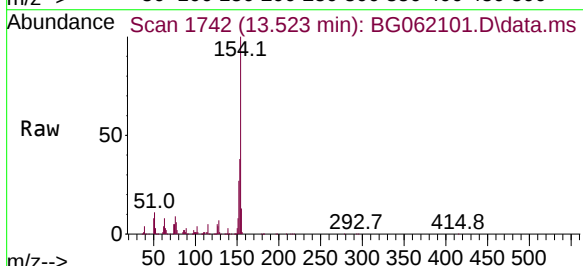
RT: 13.523 min Scan# 1742

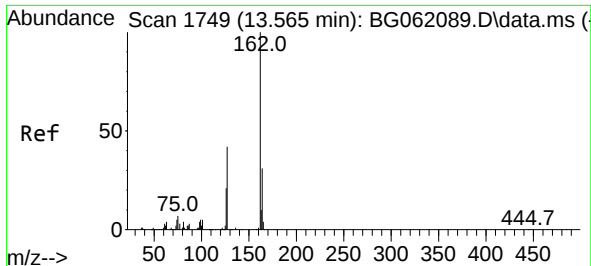
Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion:154	Resp:	331775
Ion Ratio	Lower	Upper
154	100	
153	38.2	31.7 47.5
76	9.4	10.0 15.0#

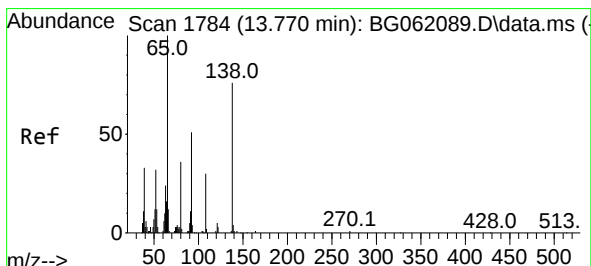
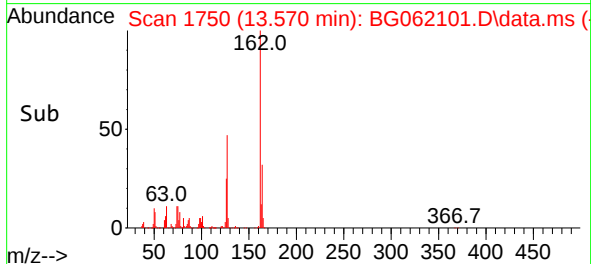
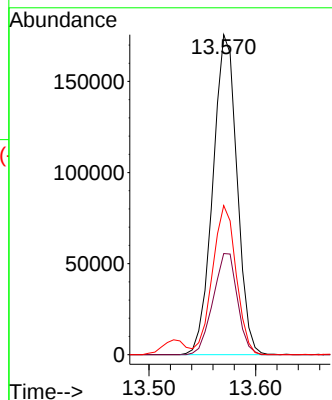
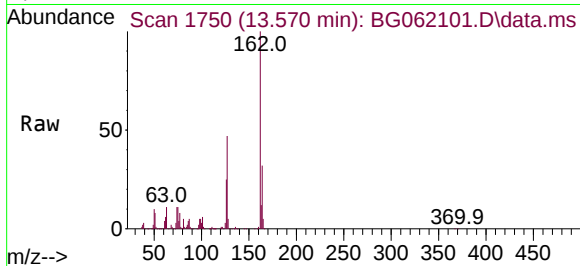




#44
2-Chloronaphthalene
Concen: 29.013 ng/ul
RT: 13.570 min Scan# 1750
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

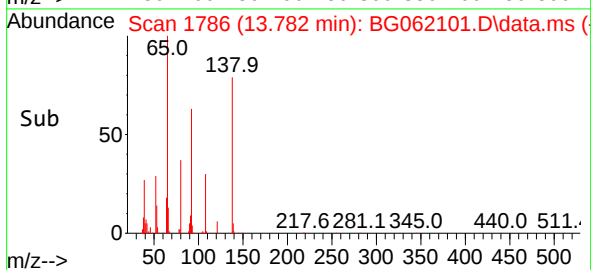
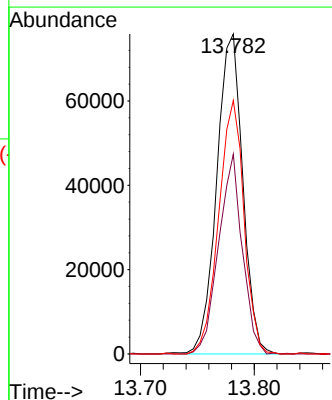
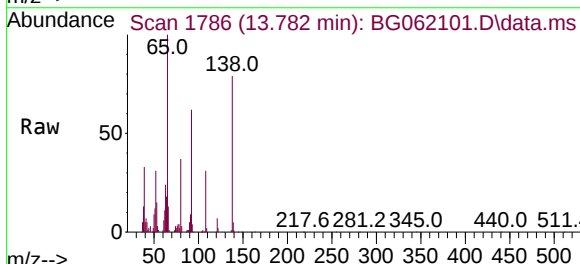
Instrument :
BNA_G
ClientSampleId :

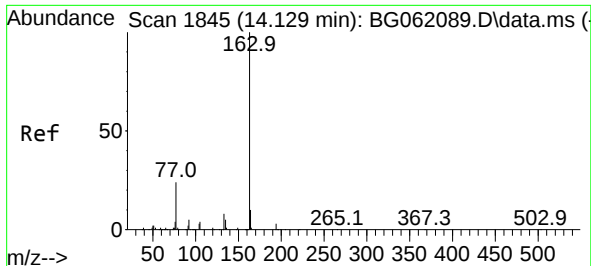
Tgt Ion:162 Resp: 275938
Ion Ratio Lower Upper
162 100
164 31.6 23.3 34.9
127 46.6 33.2 49.8



#45
2-Nitroaniline
Concen: 31.739 ng/ul
RT: 13.782 min Scan# 1786
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion: 65 Resp: 120883
Ion Ratio Lower Upper
65 100
92 62.5 48.2 72.4
138 79.2 56.8 85.2

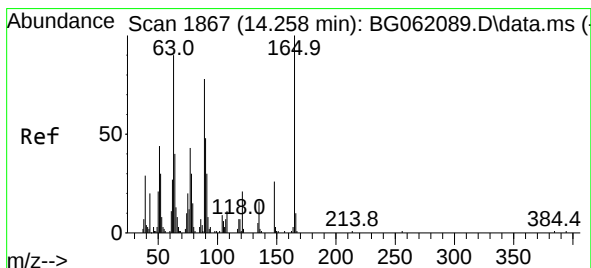
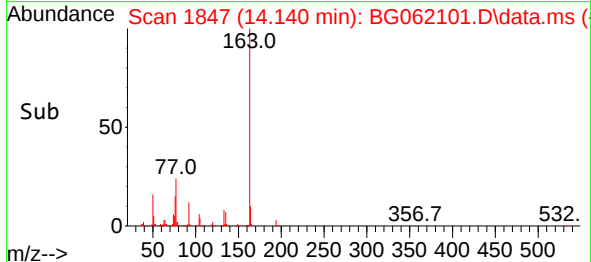
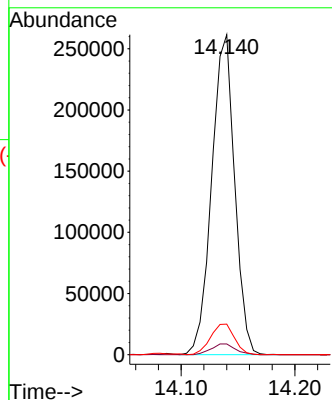
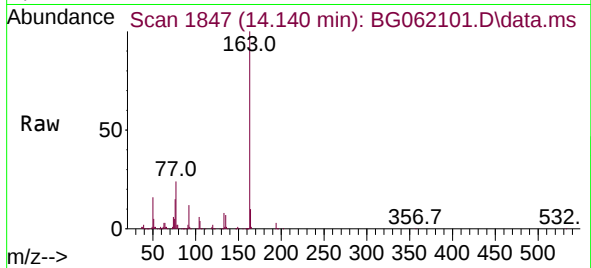




#47
Dimethylphthalate
Concen: 28.197 ng/ul
RT: 14.140 min Scan# 1847
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

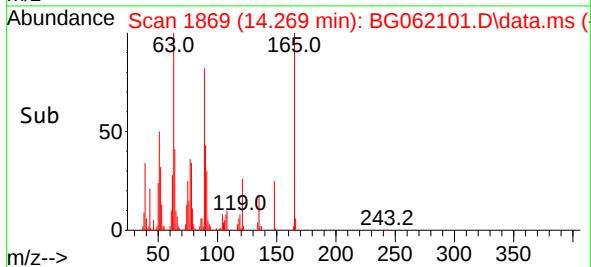
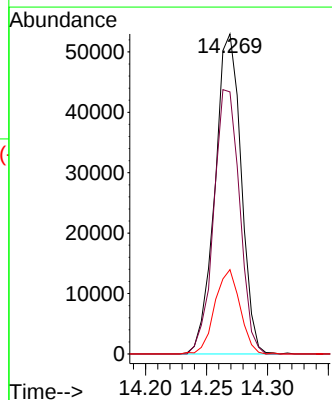
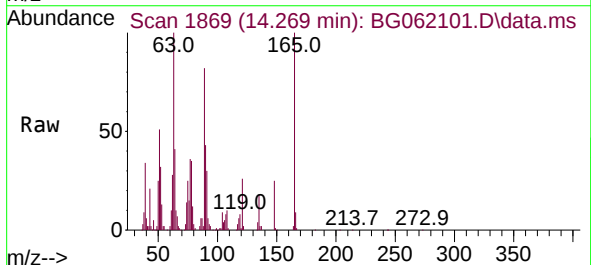
Instrument :
BNA_G
ClientSampleId :

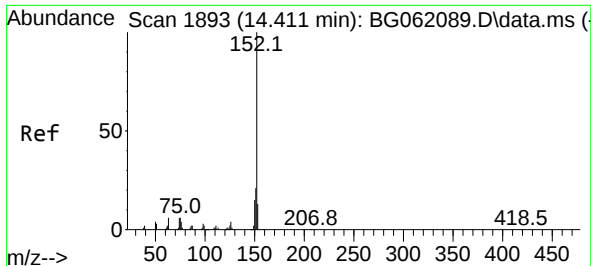
Tgt Ion:163 Resp: 366724
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.6 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 32.072 ng/ul
RT: 14.269 min Scan# 1869
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:165 Resp: 79132
Ion Ratio Lower Upper
165 100
89 81.9 62.6 93.8
121 26.4 18.4 27.6

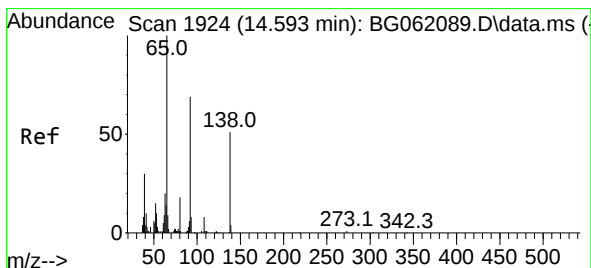
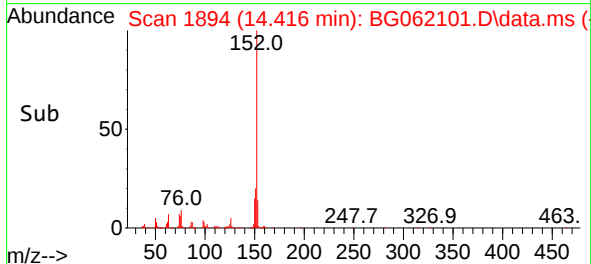
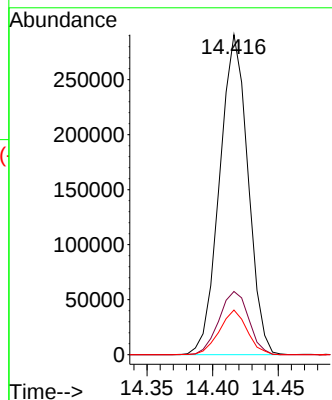
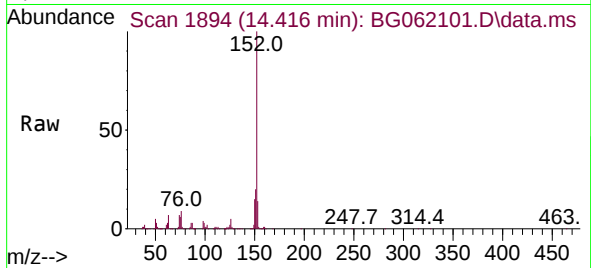




#50
Acenaphthylene
Concen: 28.201 ng/ul
RT: 14.416 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

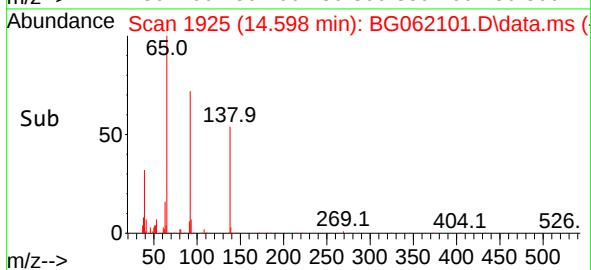
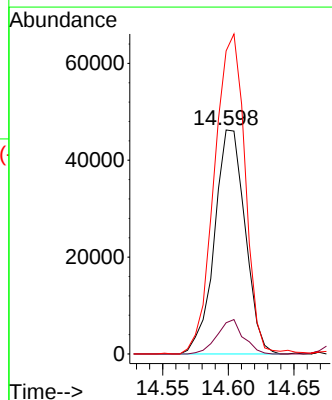
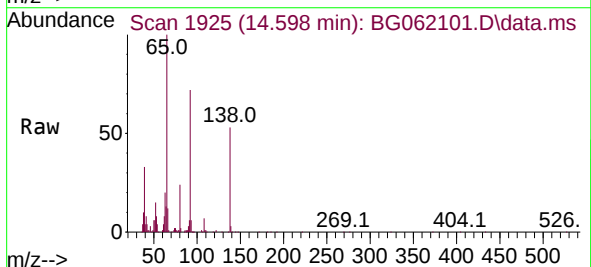
Instrument :
BNA_G
ClientSampleId :

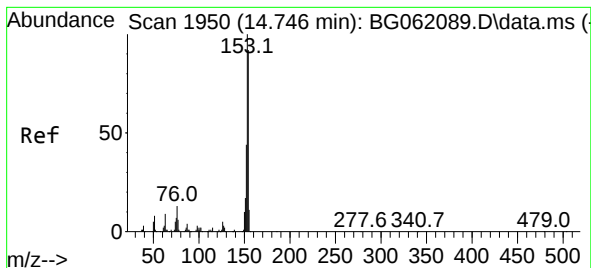
Tgt Ion:152 Resp: 437619
Ion Ratio Lower Upper
152 100
151 19.8 16.5 24.7
153 14.0 11.4 17.0



#51
3-Nitroaniline
Concen: 31.278 ng/ul
RT: 14.598 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:138 Resp: 75120
Ion Ratio Lower Upper
138 100
108 14.0 12.3 18.5
92 135.3 116.3 174.5





#52

Acenaphthene

Concen: 28.308 ng/ul

RT: 14.751 min Scan# 1951

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

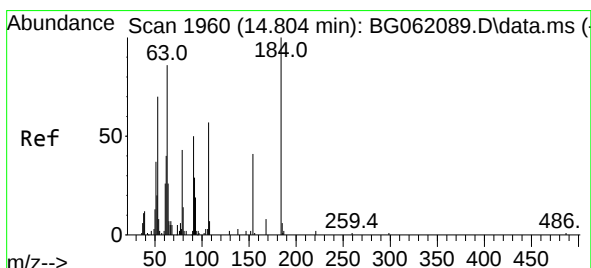
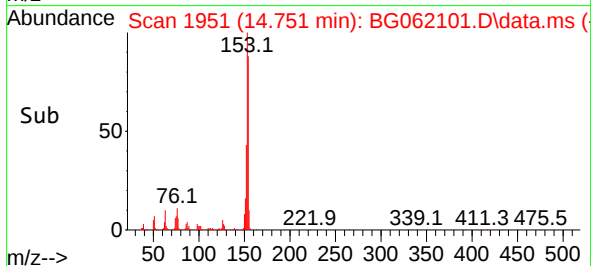
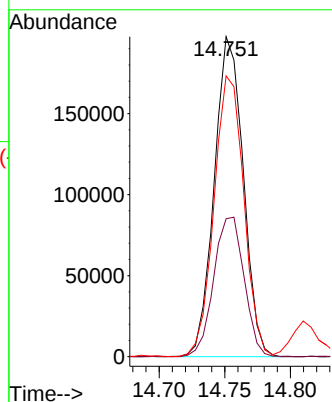
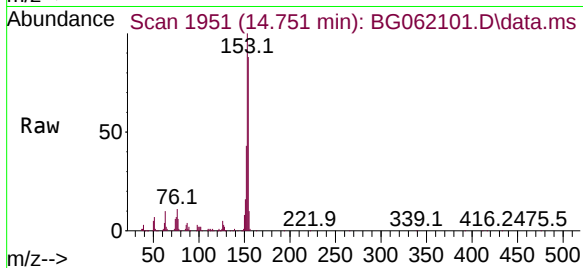
Tgt Ion:153 Resp: 303331

Ion Ratio Lower Upper

153 100

152 43.1 37.2 55.8

154 87.7 75.0 112.6



#53

2,4-Dinitrophenol

Concen: 27.116 ng/ul

RT: 14.810 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

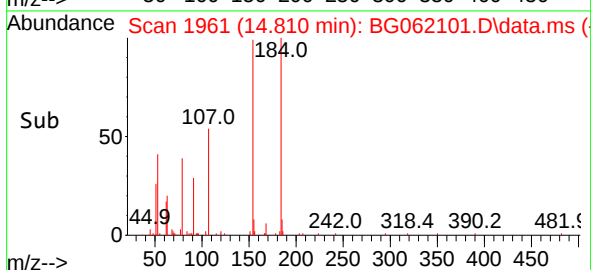
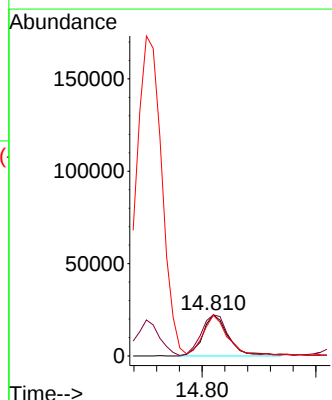
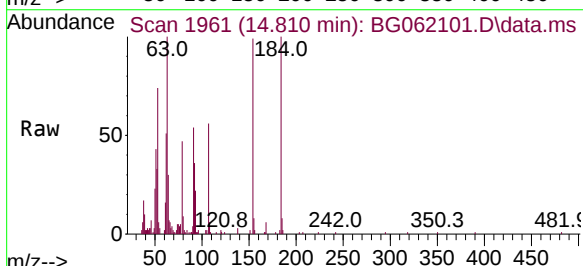
Tgt Ion:184 Resp: 34954

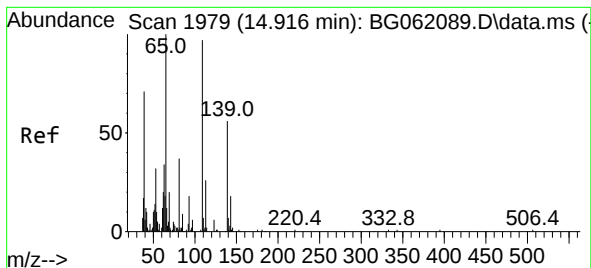
Ion Ratio Lower Upper

184 100

63 100.2 83.6 125.4

154 99.0 66.8 100.2

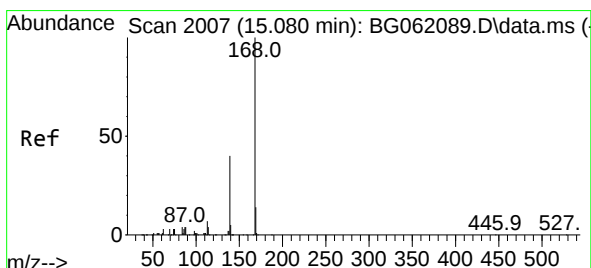
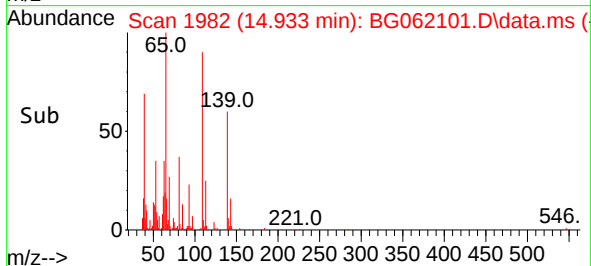
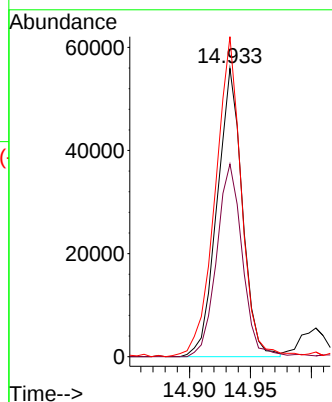
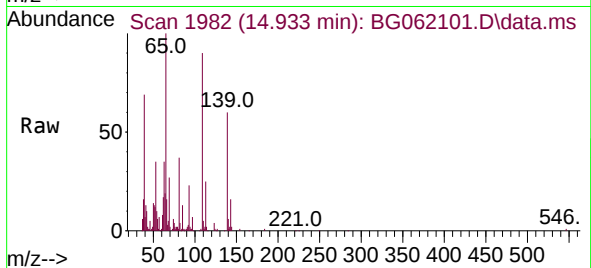




#55
4-Nitrophenol
Concen: 32.526 ng/ul
RT: 14.933 min Scan# 1979
Delta R.T. 0.017 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

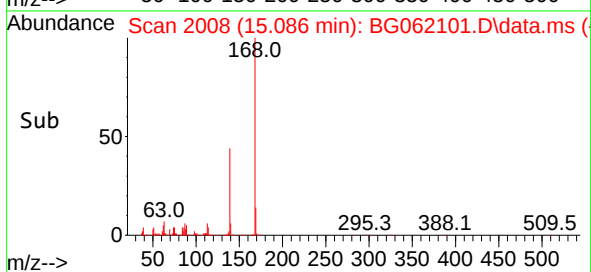
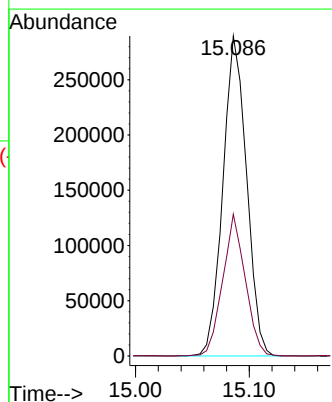
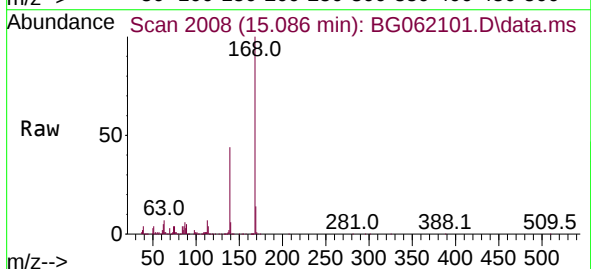
Instrument :
BNA_G
ClientSampleId :

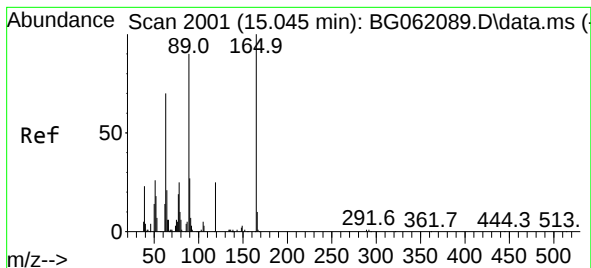
Tgt Ion:109 Resp: 80163
Ion Ratio Lower Upper
109 100
139 66.8 67.4 101.2#
65 111.0 102.1 153.1



#56
Dibenzofuran
Concen: 27.635 ng/ul
RT: 15.086 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

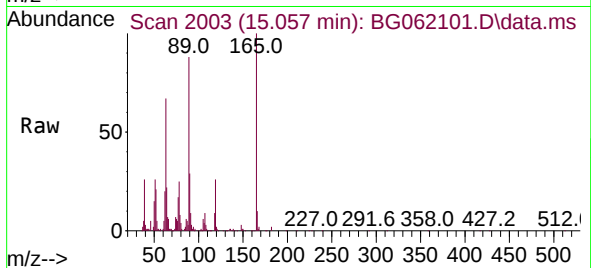
Tgt Ion:168 Resp: 418517
Ion Ratio Lower Upper
168 100
139 44.3 31.0 46.4



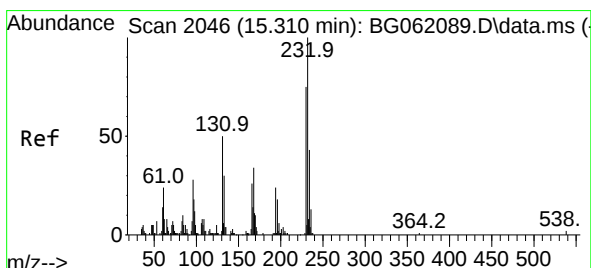
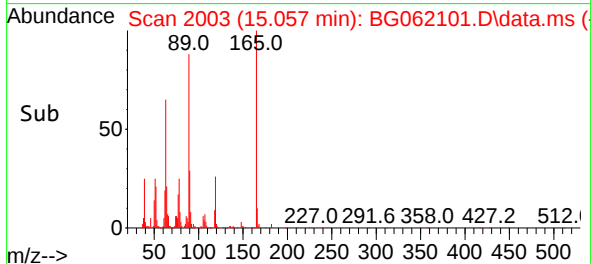
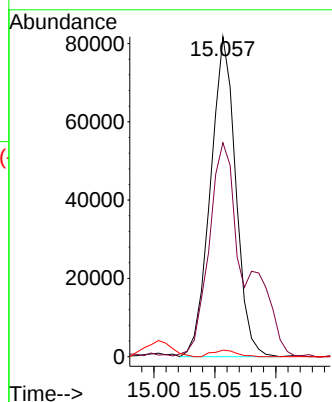


#57
2,4-Dinitrotoluene
Concen: 32.571 ng/ul
RT: 15.057 min Scan# 2003
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Instrument :
BNA_G
ClientSampleId :

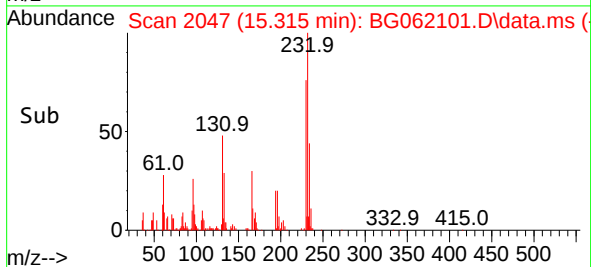
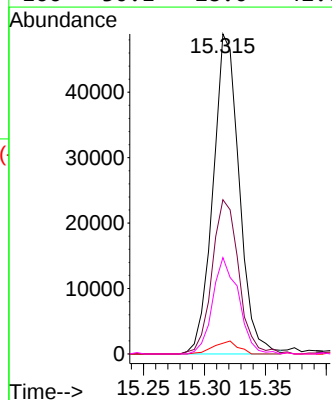
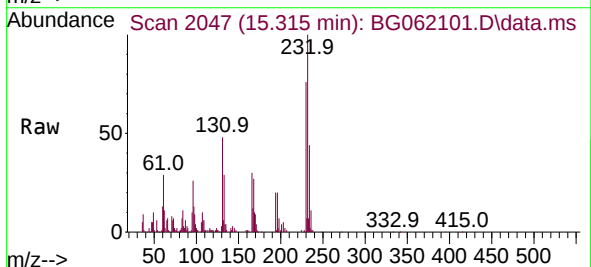


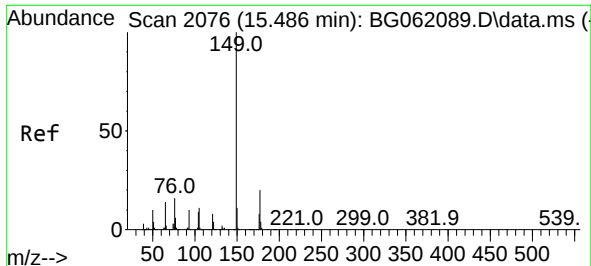
Tgt Ion:165 Resp: 117856
Ion Ratio Lower Upper
165 100
63 66.8 44.9 67.3
182 2.1 2.6 3.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.470 ng/ul
RT: 15.315 min Scan# 2047
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:232 Resp: 73119
Ion Ratio Lower Upper
232 100
131 48.2 35.8 53.8
130 3.4 2.0 3.0#
166 30.1 28.0 42.0

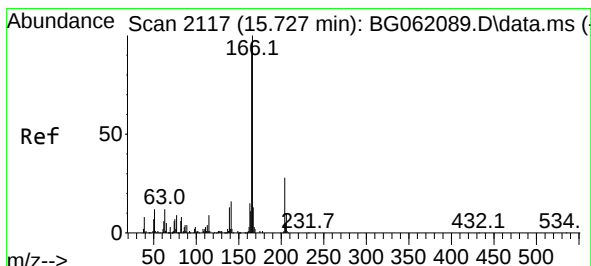
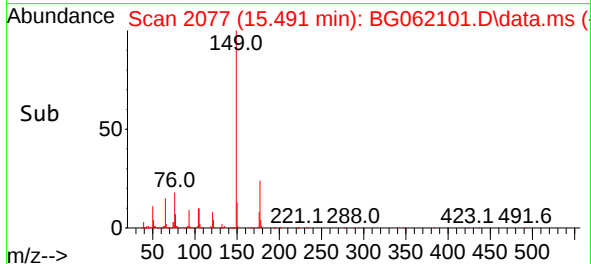
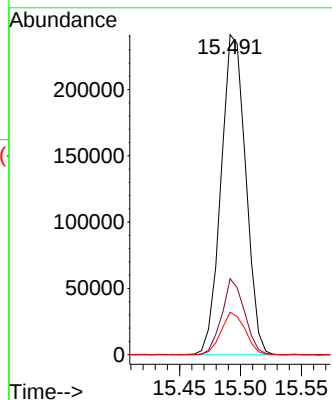
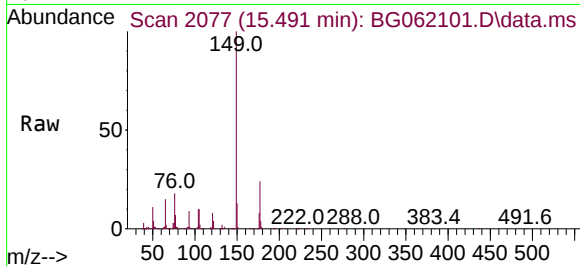




#59
Diethylphthalate
Concen: 24.323 ng/ul
RT: 15.491 min Scan# 2077
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

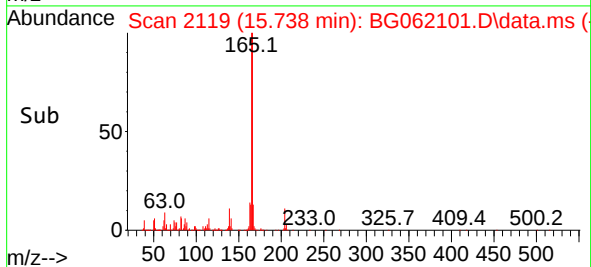
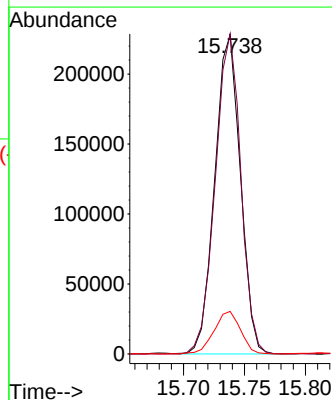
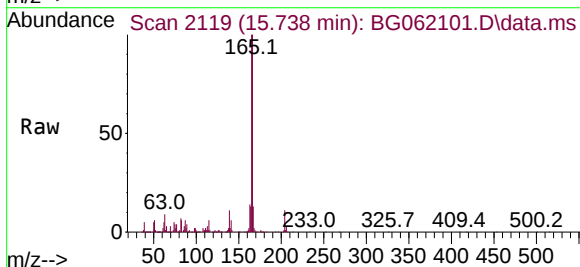
Instrument :
BNA_G
ClientSampleId :

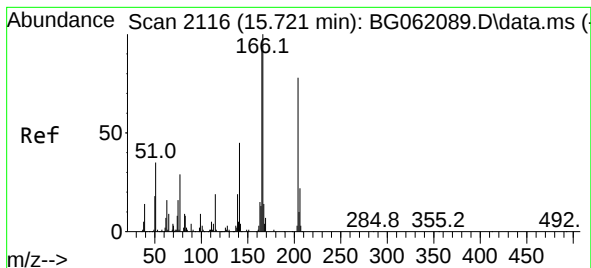
Tgt Ion:149 Resp: 340896
Ion Ratio Lower Upper
149 100
177 23.8 16.3 24.5
150 13.3 9.6 14.4



#61
Fluorene
Concen: 25.878 ng/ul
RT: 15.738 min Scan# 2119
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:166 Resp: 333288
Ion Ratio Lower Upper
166 100
165 100.2 78.4 117.6
167 13.3 10.4 15.6

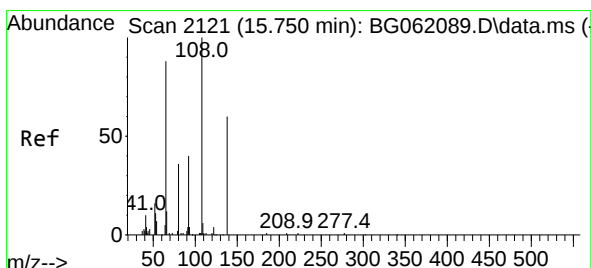
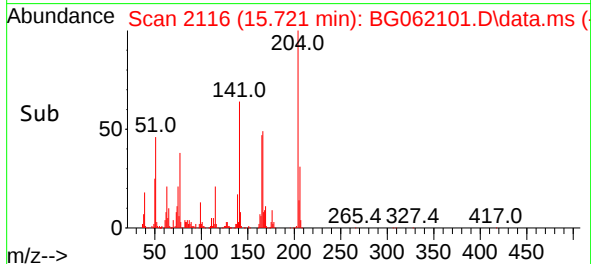
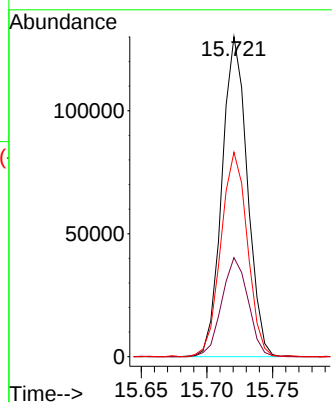
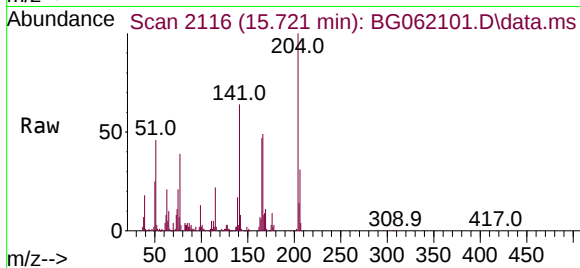




#62
4-Chlorophenyl-phenylether
Concen: 26.998 ng/ul
RT: 15.721 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

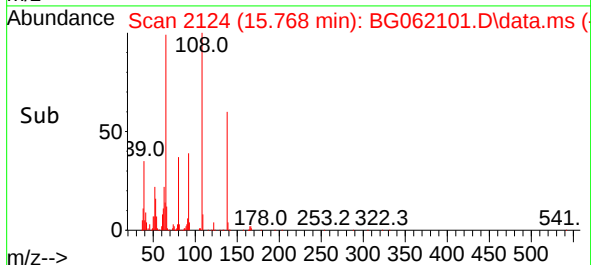
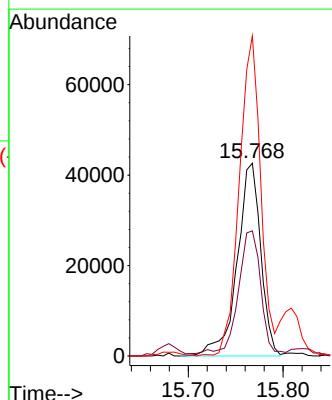
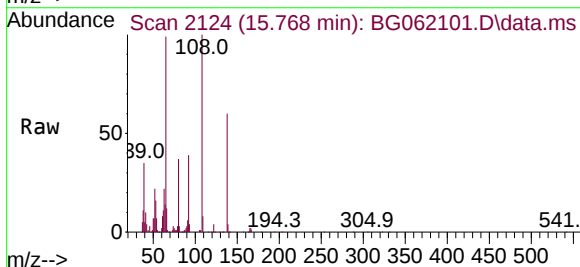
Instrument :
BNA_G
ClientSampleId :

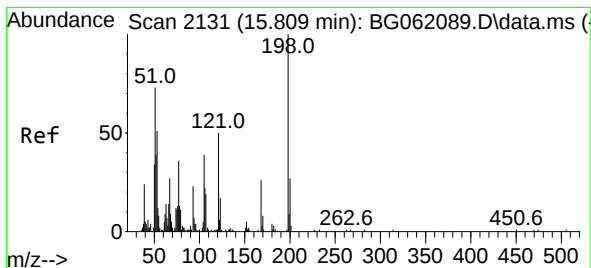
Tgt Ion:204 Resp: 174660
Ion Ratio Lower Upper
204 100
206 31.0 24.5 36.7
141 63.9 46.6 69.8



#63
4-Nitroaniline
Concen: 30.178 ng/ul
RT: 15.768 min Scan# 2124
Delta R.T. 0.017 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:138 Resp: 73543
Ion Ratio Lower Upper
138 100
92 64.9 52.3 78.5
108 165.9 94.1 141.1#

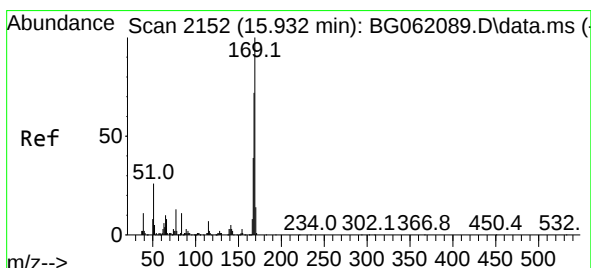
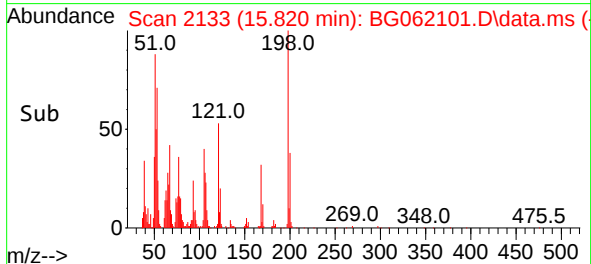
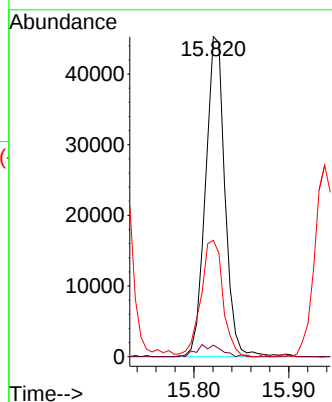
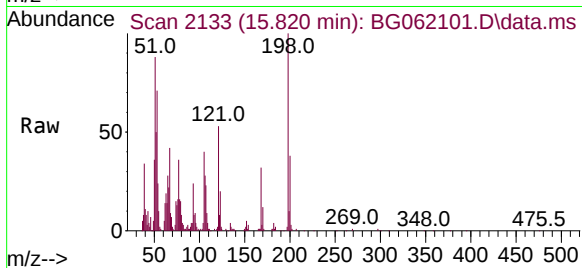




#66
4,6-Dinitro-2-methylphenol
Concen: 32.099 ng/ul
RT: 15.820 min Scan# 2131
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

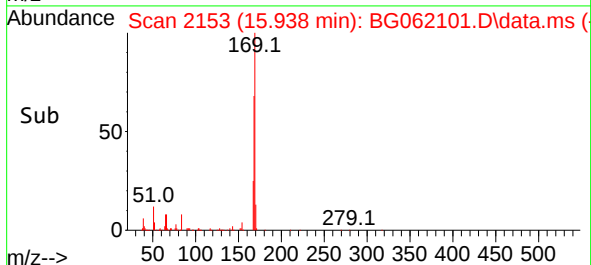
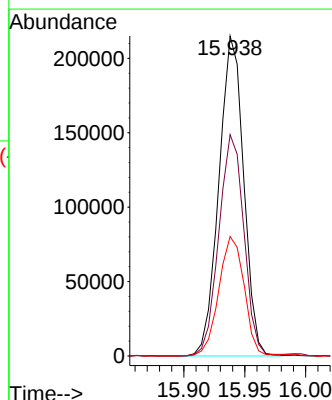
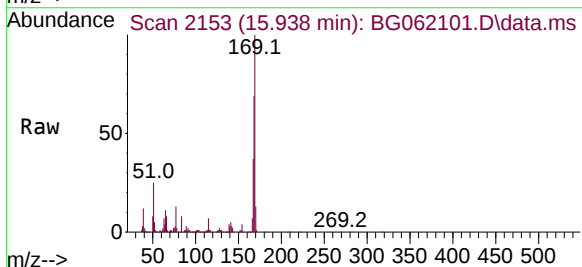
Instrument :
BNA_G
ClientSampleId :

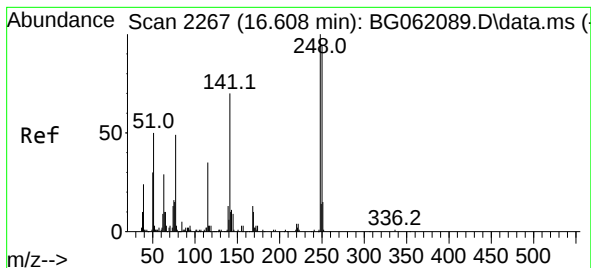
Tgt Ion:198 Resp: 64395
Ion Ratio Lower Upper
198 100
182 3.6 3.6 5.4#
77 36.4 21.8 32.8#



#67
N-Nitrosodiphenylamine
Concen: 31.339 ng/ul
RT: 15.938 min Scan# 2153
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:169 Resp: 303772
Ion Ratio Lower Upper
169 100
168 69.1 55.6 83.4
167 37.3 29.8 44.8

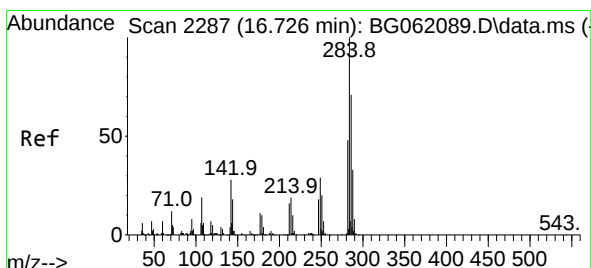
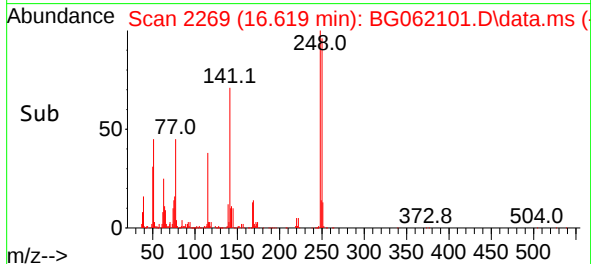
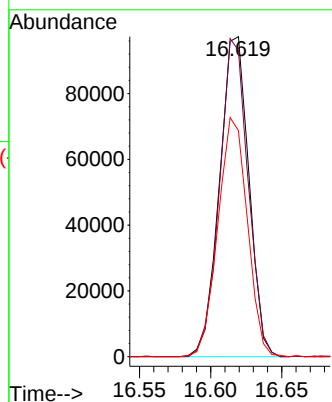
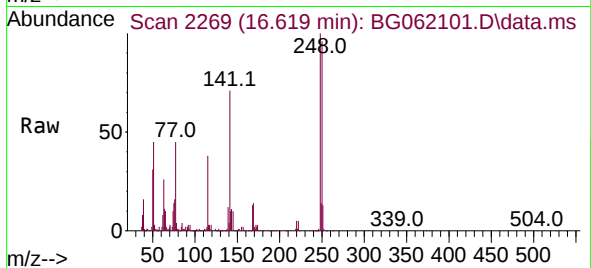




#68
4-Bromophenyl-phenylether
Concen: 34.612 ng/ul
RT: 16.619 min Scan# 2269
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

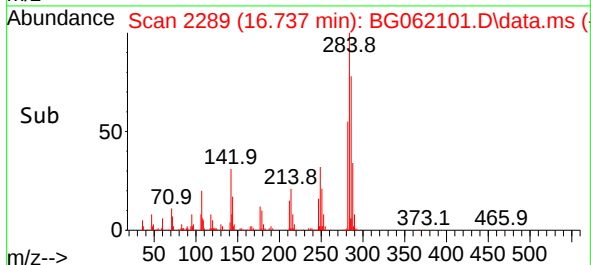
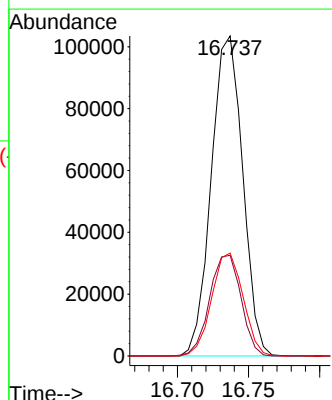
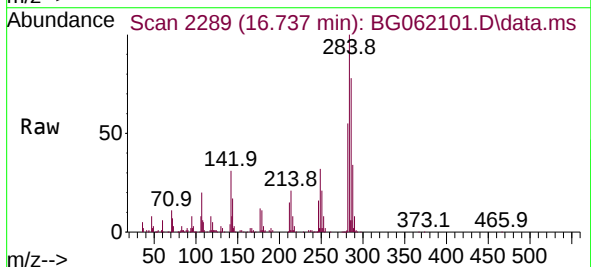
Instrument :
BNA_G
ClientSampleId :

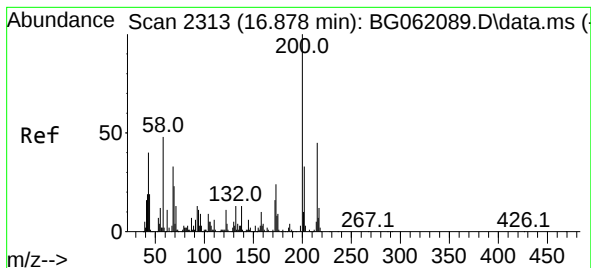
Tgt Ion:248 Resp: 139374
Ion Ratio Lower Upper
248 100
250 95.8 77.2 115.8
141 70.6 57.8 86.8



#69
Hexachlorobenzene
Concen: 34.359 ng/ul
RT: 16.737 min Scan# 2289
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:284 Resp: 159092
Ion Ratio Lower Upper
284 100
142 31.4 26.4 39.6
249 32.2 27.2 40.8





#70

Atrazine

Concen: 14.772 ng/ul

RT: 16.884 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG062101.D

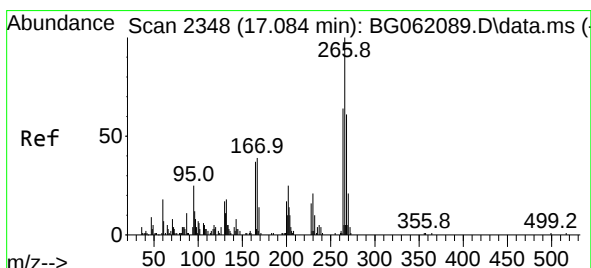
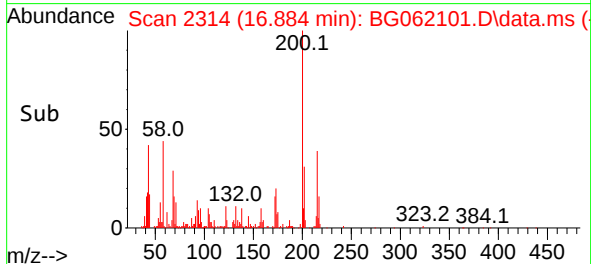
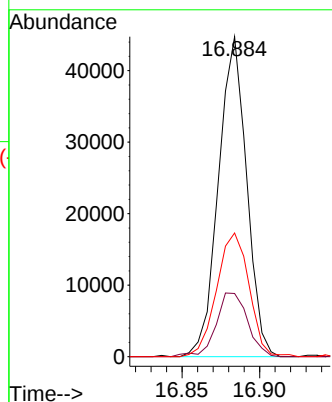
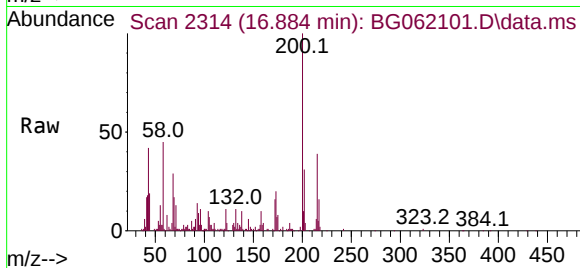
Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	200	Resp:	56526
Ion Ratio	Lower	Upper	
200	100		
173	19.8	18.7	28.1
215	38.7	37.8	56.6



#71

Pentachlorophenol

Concen: 20.297 ng/ul

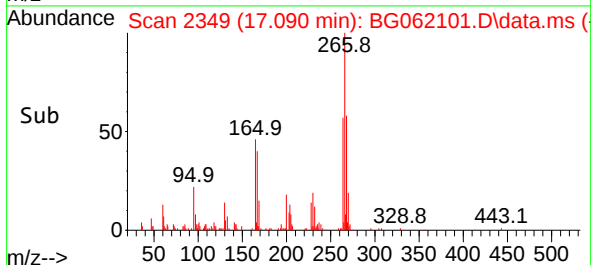
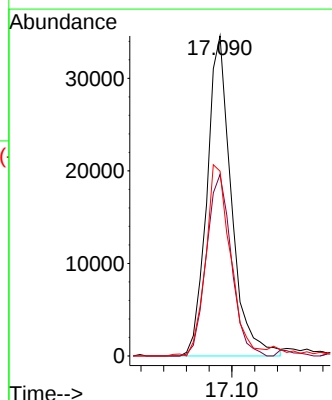
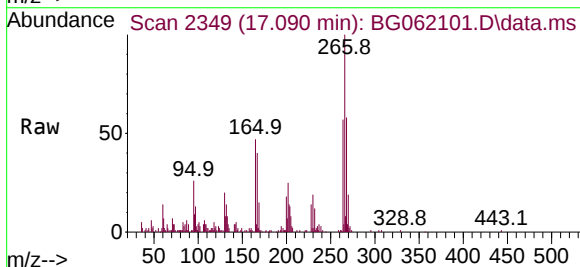
RT: 17.090 min Scan# 2349

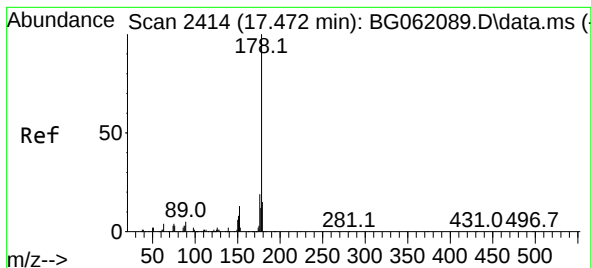
Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion:	266	Resp:	51658
Ion Ratio	Lower	Upper	
266	100		
264	56.7	45.0	67.6
268	57.7	50.5	75.7





#72

Phenanthrene

Concen: 25.687 ng/ul

RT: 17.477 min Scan# 2414

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

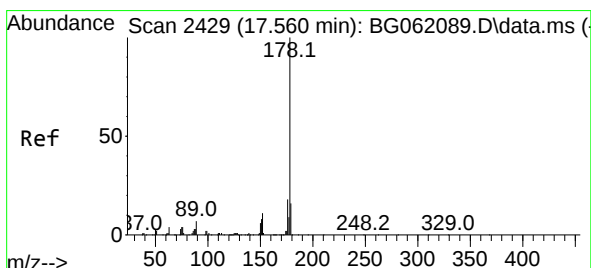
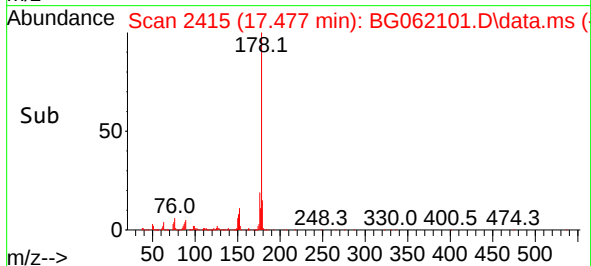
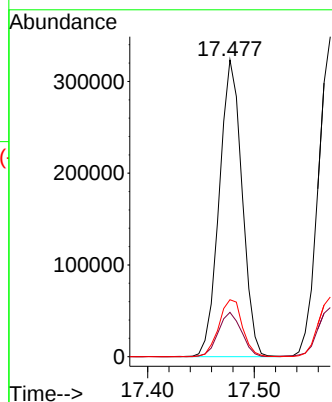
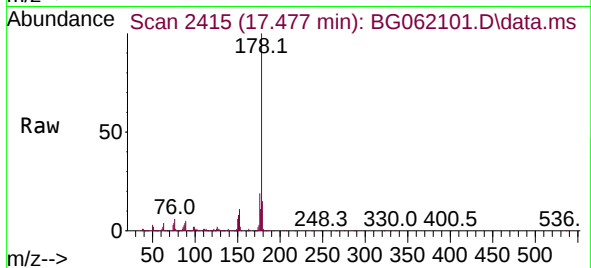
Tgt Ion:178 Resp: 480751

Ion Ratio Lower Upper

178 100

179 14.9 11.9 17.9

176 19.2 15.5 23.3



#74

Anthracene

Concen: 24.861 ng/ul

RT: 17.571 min Scan# 2431

Delta R.T. 0.011 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

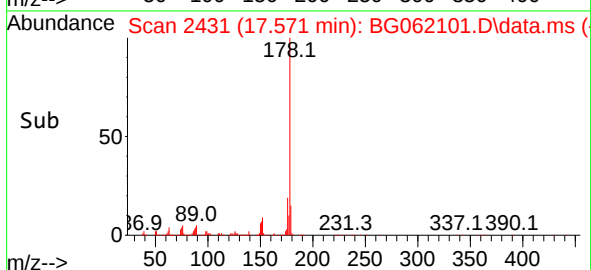
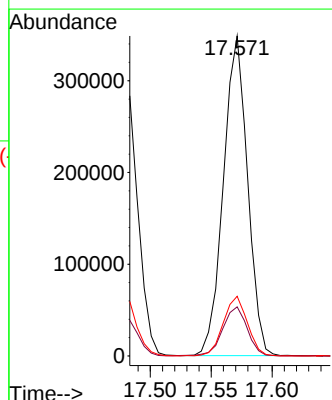
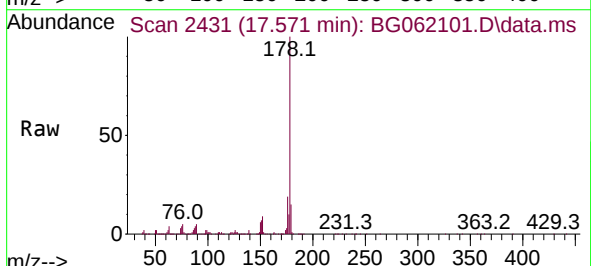
Tgt Ion:178 Resp: 480847

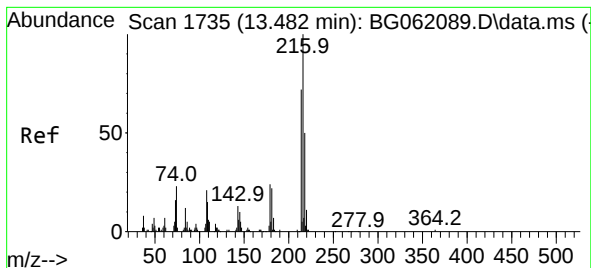
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 18.7 14.7 22.1

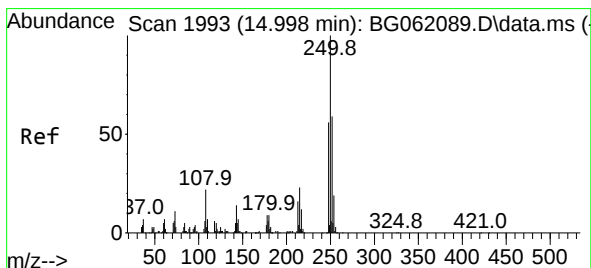
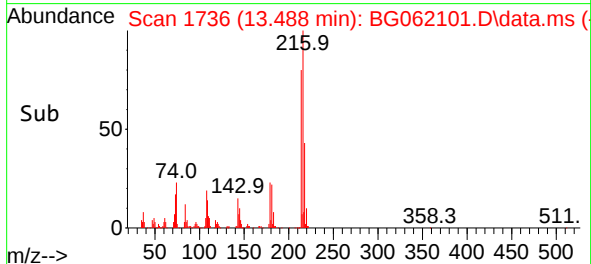
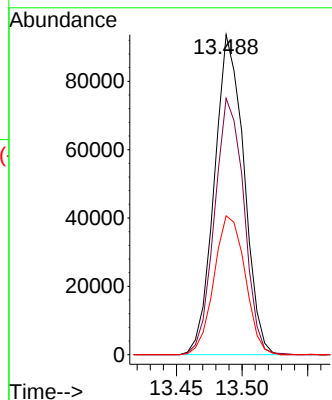
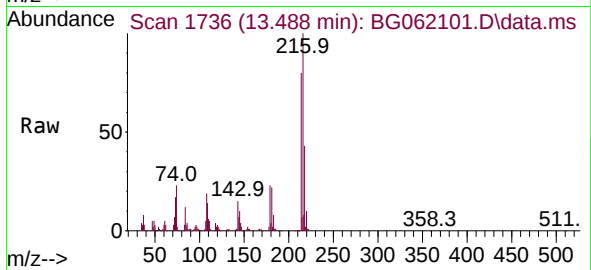




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.264 ng/ul
RT: 13.488 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

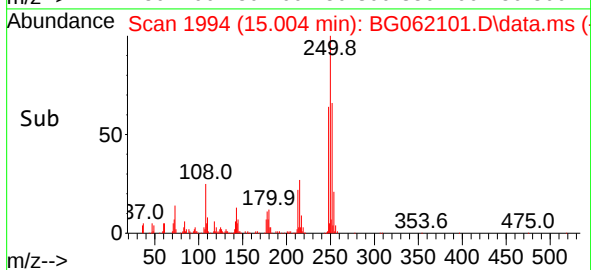
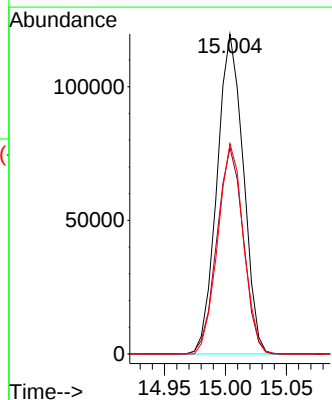
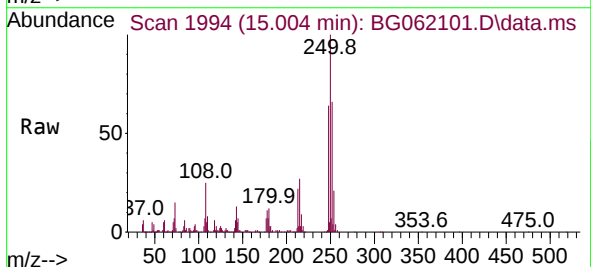
Instrument :
BNA_G
ClientSampleId :

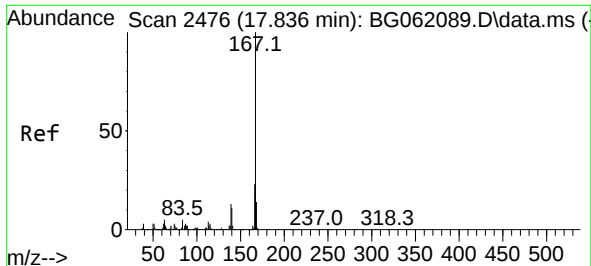
Tgt Ion:216 Resp: 146639
Ion Ratio Lower Upper
216 100
214 80.1 61.7 92.5
218 43.4 35.7 53.5



#76
Pentachlorobenzene
Concen: 35.704 ng/ul
RT: 15.004 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

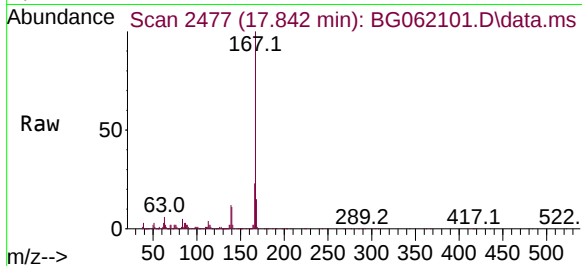
Tgt Ion:250 Resp: 179522
Ion Ratio Lower Upper
250 100
248 64.4 47.5 71.3
252 65.8 50.0 75.0



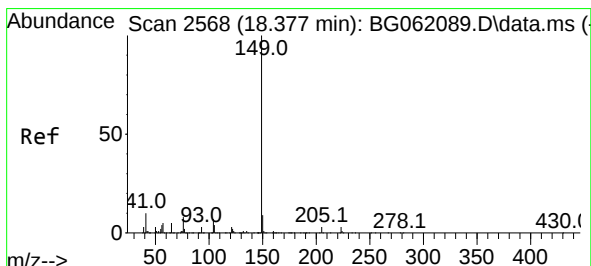
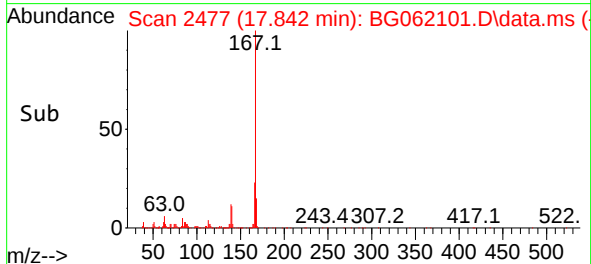
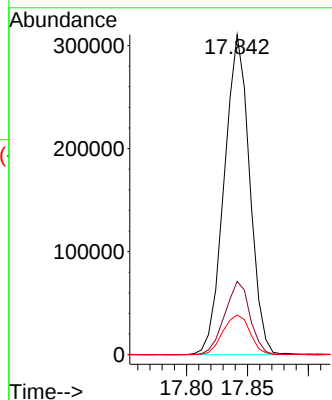


#77
 Carbazole
 Concen: 27.634 ng/ul
 RT: 17.842 min Scan# 2477
 Delta R.T. 0.006 min
 Lab File: BG062101.D
 Acq: 16 Jul 2024 19:41

Instrument :
 BNA_G
 ClientSampleId :

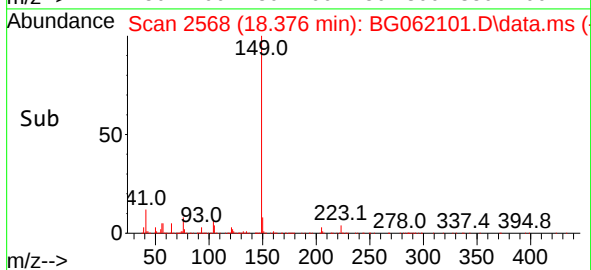
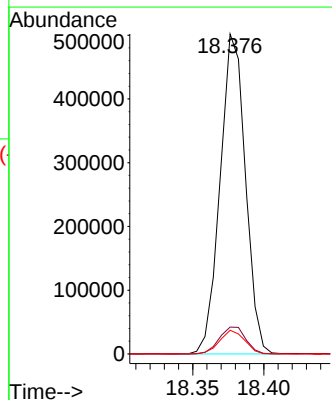
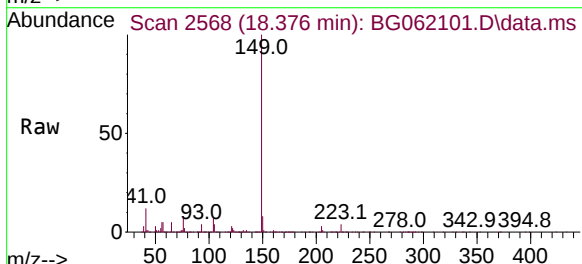


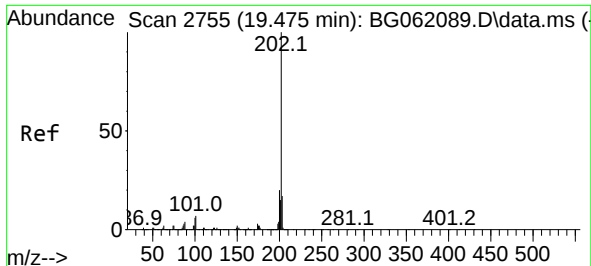
Tgt Ion:167 Resp: 449807
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 12.4 9.6 14.4



#78
 Di-n-butylphthalate
 Concen: 29.722 ng/ul
 RT: 18.376 min Scan# 2568
 Delta R.T. -0.000 min
 Lab File: BG062101.D
 Acq: 16 Jul 2024 19:41

Tgt Ion:149 Resp: 621144
 Ion Ratio Lower Upper
 149 100
 150 8.4 7.5 11.3
 104 7.4 5.0 7.4

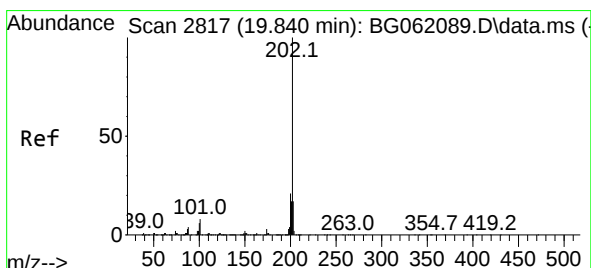
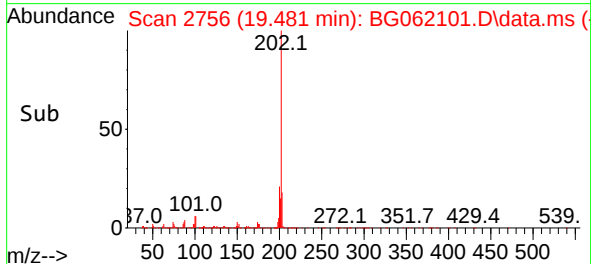
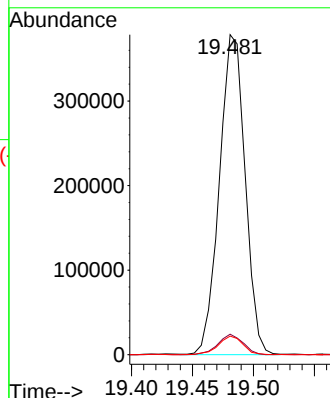
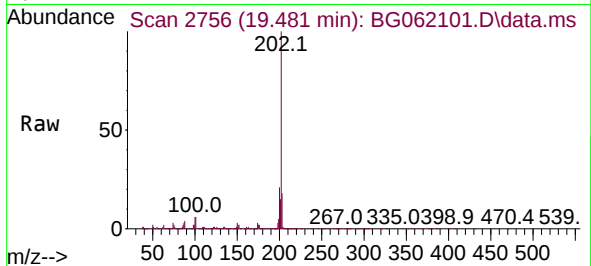




#80
Fluoranthene
Concen: 25.302 ng/ul
RT: 19.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

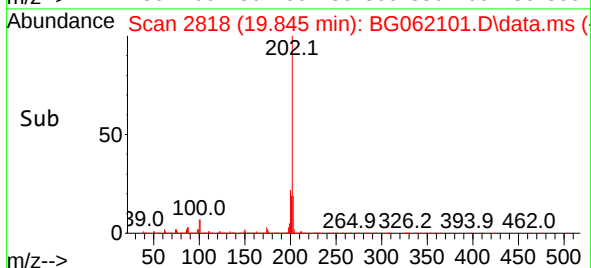
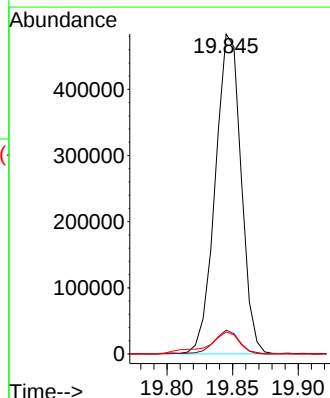
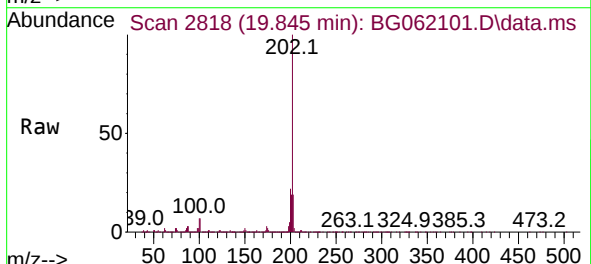
Instrument :
BNA_G
ClientSampleId :

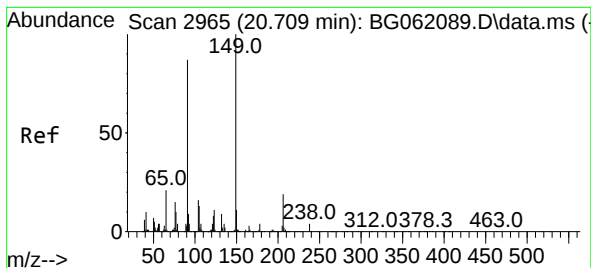
Tgt Ion:202 Resp: 555834
Ion Ratio Lower Upper
202 100
101 6.4 7.4 11.2#
100 5.8 6.6 10.0#



#82
Pyrene
Concen: 29.111 ng/ul
RT: 19.845 min Scan# 2818
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:202 Resp: 660608
Ion Ratio Lower Upper
202 100
101 7.5 8.8 13.2#
100 6.9 7.6 11.4#





#83

Butylbenzylphthalate

Concen: 23.605 ng/ul

RT: 20.715 min Scan# 2966

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

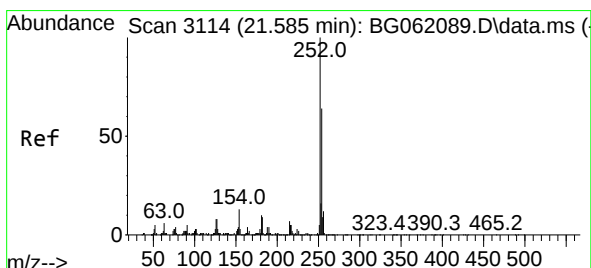
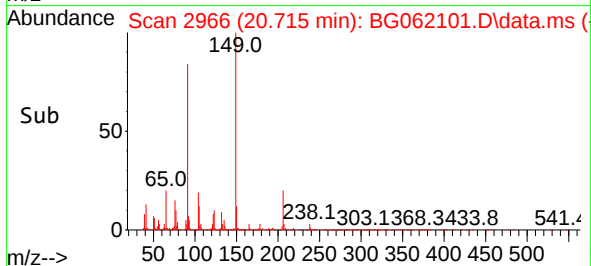
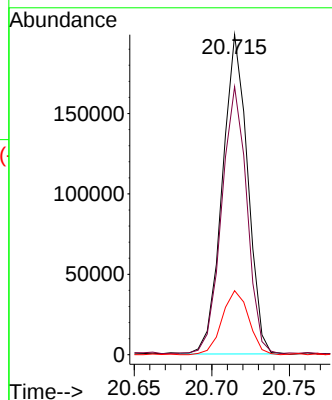
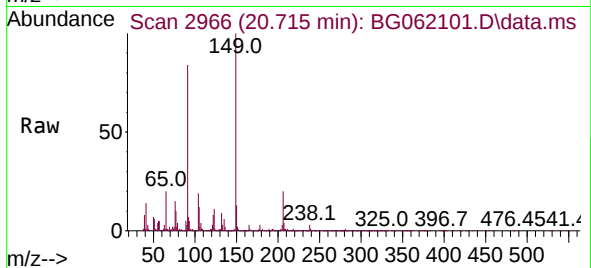
Tgt Ion:149 Resp: 224809

Ion Ratio Lower Upper

149 100

91 83.7 60.6 91.0

206 20.0 14.6 21.8



#84

3,3'-Dichlorobenzidine

Concen: 31.813 ng/ul

RT: 21.590 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

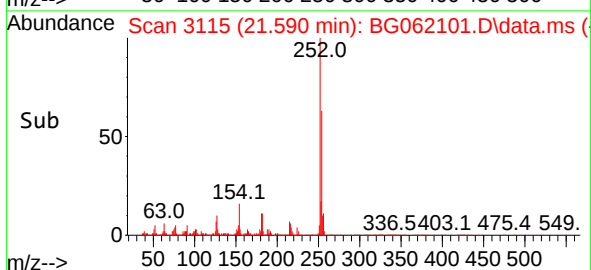
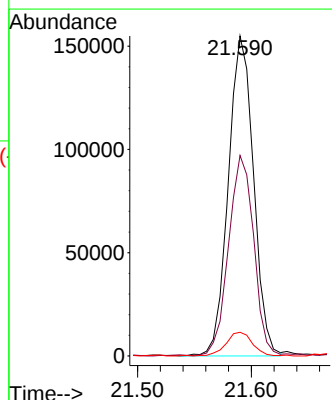
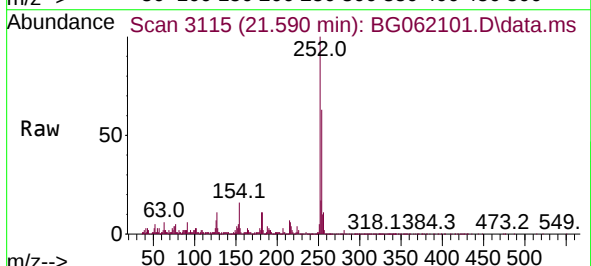
Tgt Ion:252 Resp: 238852

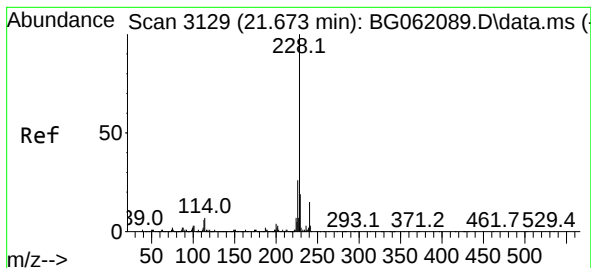
Ion Ratio Lower Upper

252 100

254 62.7 52.8 79.2

126 7.4 6.6 10.0





#85

Benzo(a)anthracene

Concen: 29.441 ng/ul

RT: 21.678 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

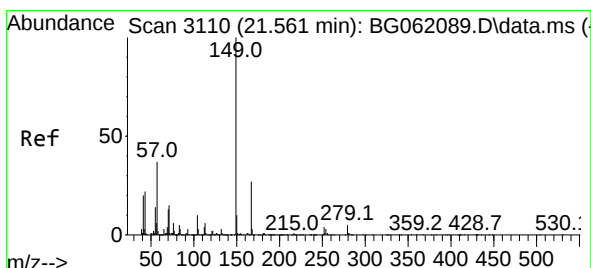
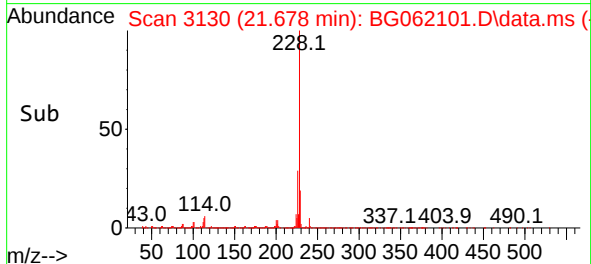
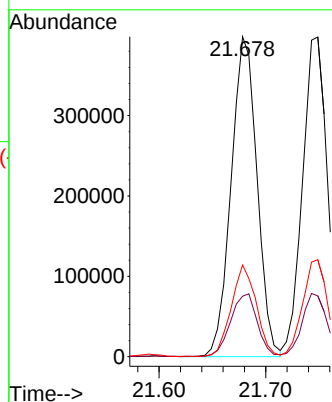
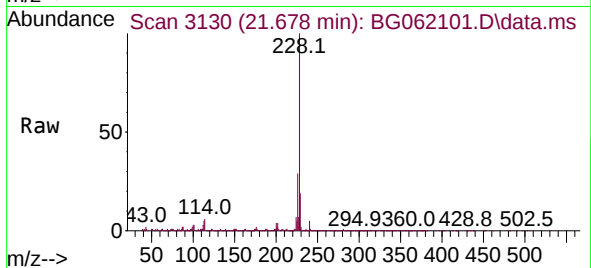
Tgt Ion:228 Resp: 672736

Ion Ratio Lower Upper

228 100

229 18.9 15.7 23.5

226 28.6 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.440 ng/ul

RT: 21.561 min Scan# 3110

Delta R.T. -0.000 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

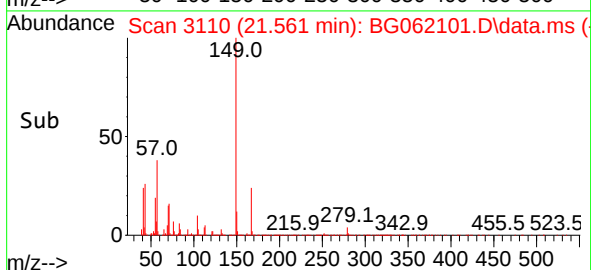
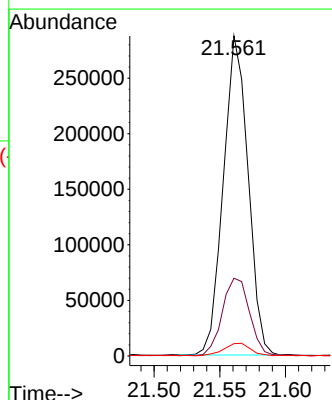
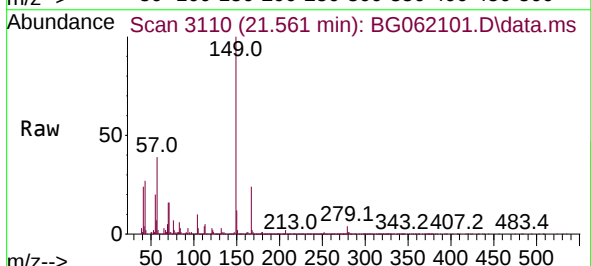
Tgt Ion:149 Resp: 375001

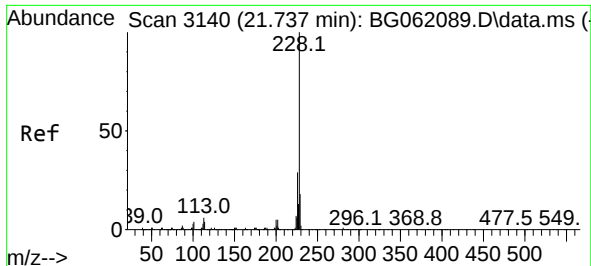
Ion Ratio Lower Upper

149 100

167 24.3 21.7 32.5

279 3.9 2.8 4.2

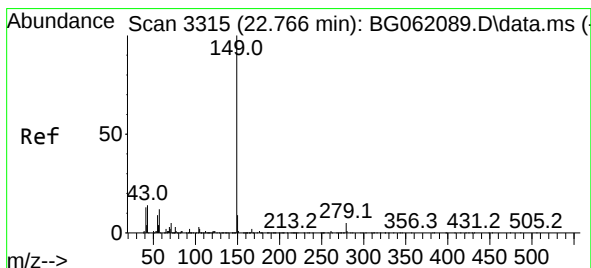
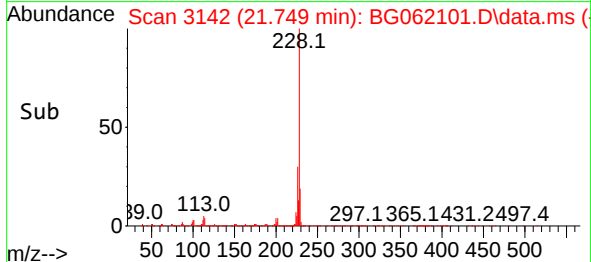
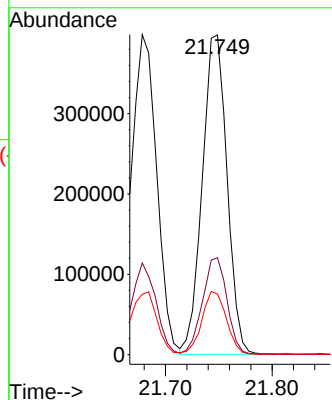
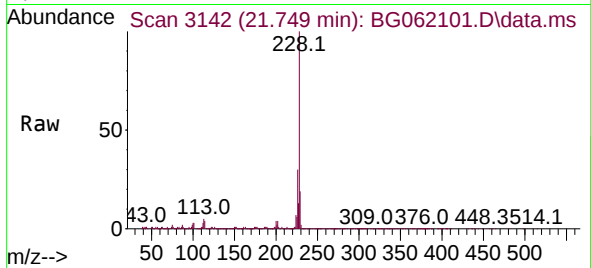




#87
Chrysene
Concen: 30.000 ng/ul
RT: 21.749 min Scan# 3140
Delta R.T. 0.011 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

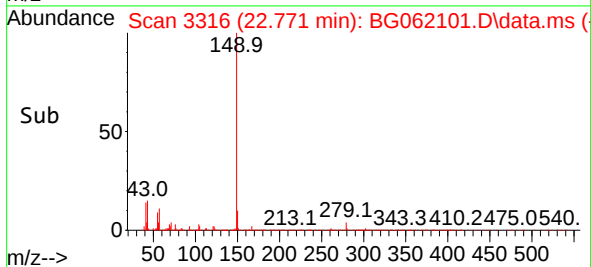
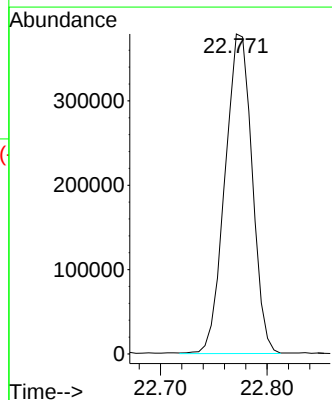
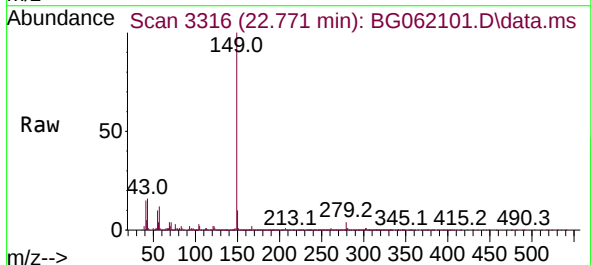
Instrument :
BNA_G
ClientSampleId :

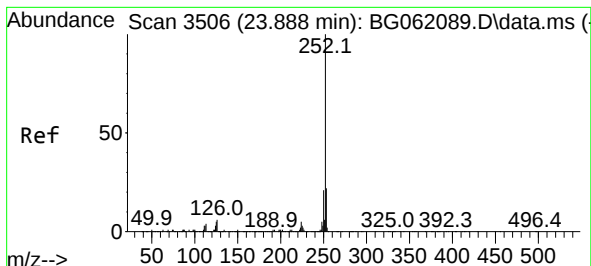
Tgt Ion:228 Resp: 641743
Ion Ratio Lower Upper
228 100
226 30.4 23.3 34.9
229 19.0 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 28.324 ng/ul
RT: 22.771 min Scan# 3316
Delta R.T. 0.006 min
Lab File: BG062101.D
Acq: 16 Jul 2024 19:41

Tgt Ion:149 Resp: 670527





#90

Benzo(b)fluoranthene

Concen: 29.592 ng/ul

RT: 23.905 min Scan# 3509

Delta R.T. 0.017 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

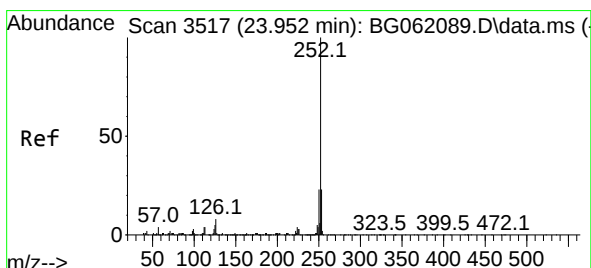
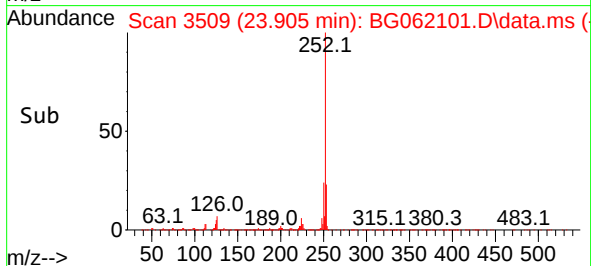
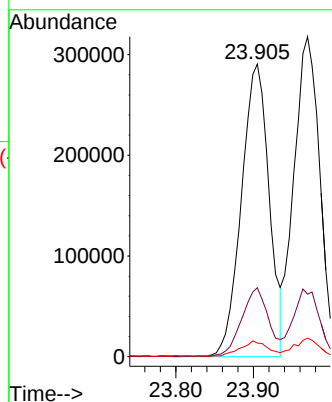
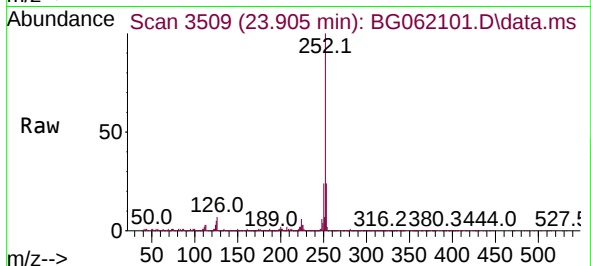
Tgt Ion:252 Resp: 722442

Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 4.7 6.1 9.1#



#91

Benzo(k)fluoranthene

Concen: 29.886 ng/ul

RT: 23.970 min Scan# 3520

Delta R.T. 0.017 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

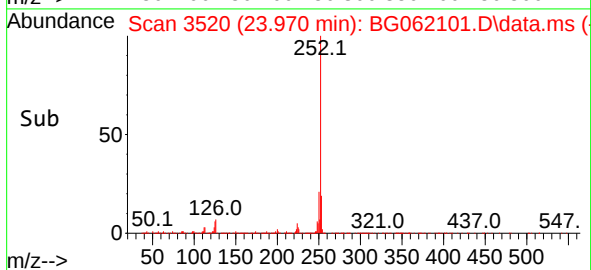
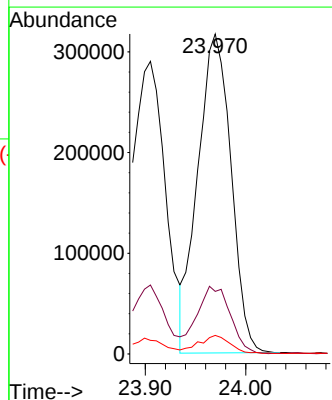
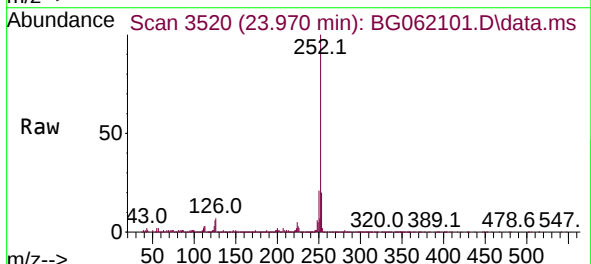
Tgt Ion:252 Resp: 727566

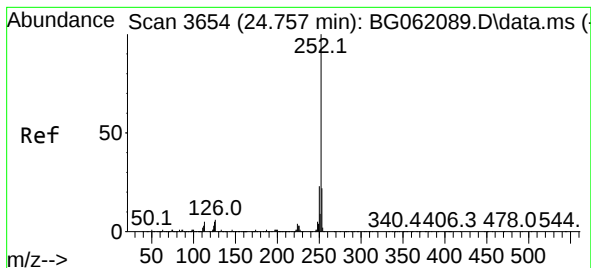
Ion Ratio Lower Upper

252 100

253 19.6 19.3 28.9

125 5.8 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 27.178 ng/ul

RT: 24.786 min Scan# 30

Delta R.T. 0.029 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

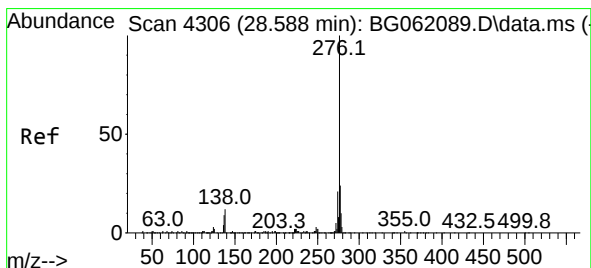
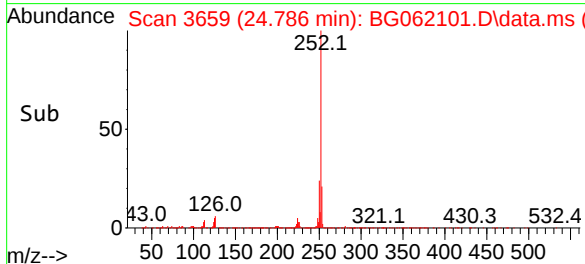
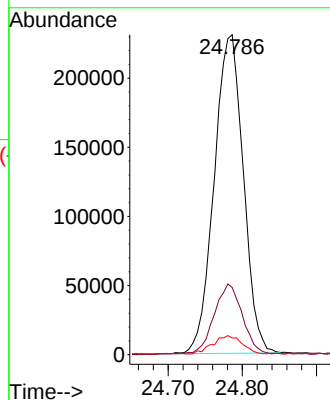
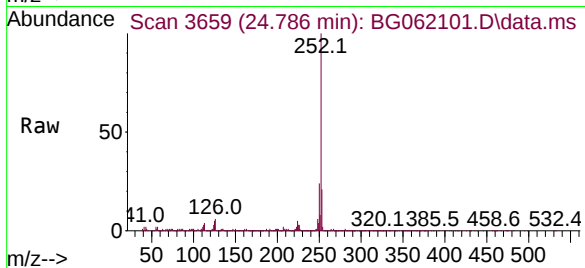
Tgt Ion:252 Resp: 628297

Ion Ratio Lower Upper

252 100

253 21.0 16.5 24.7

125 5.2 7.4 11.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.358 ng/ul

RT: 28.629 min Scan# 4313

Delta R.T. 0.041 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

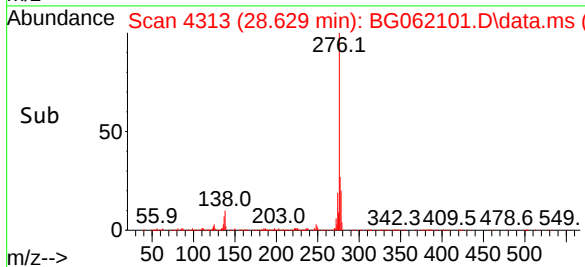
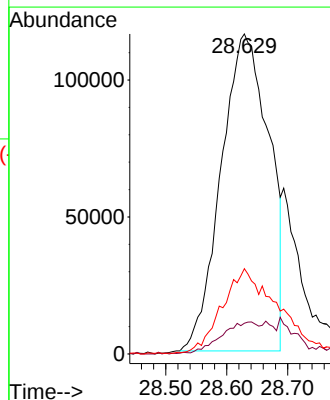
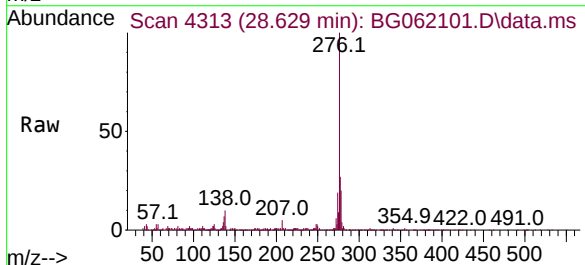
Tgt Ion:276 Resp: 630962

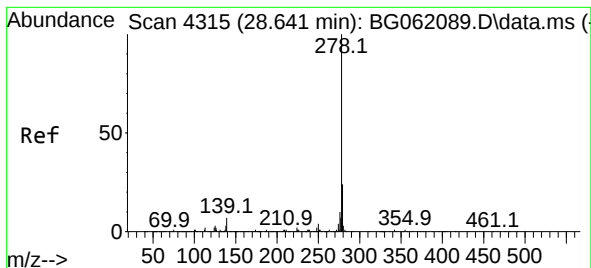
Ion Ratio Lower Upper

276 100

138 9.6 11.9 17.9#

277 26.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 26.419 ng/ul

RT: 28.694 min Scan# 41

Delta R.T. 0.053 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Instrument :

BNA_G

ClientSampleId :

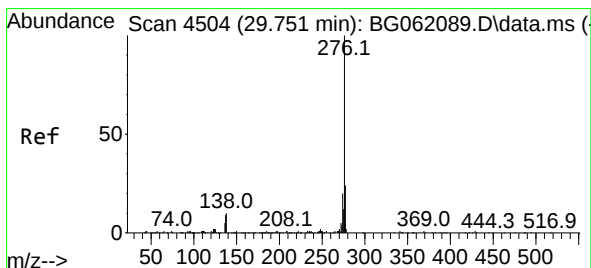
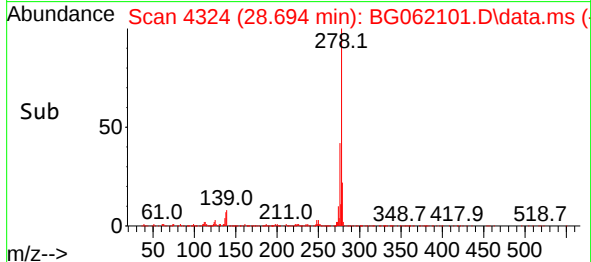
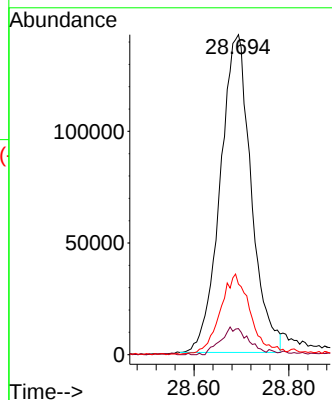
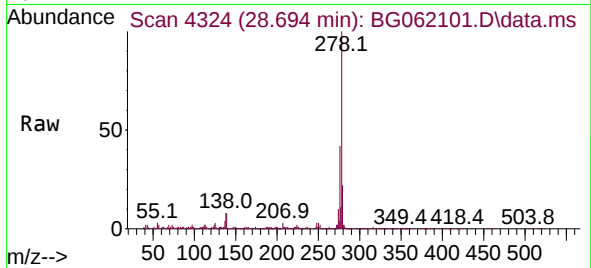
Tgt Ion:278 Resp: 644620

Ion Ratio Lower Upper

278 100

139 8.2 7.6 11.4

279 22.0 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 26.066 ng/ul

RT: 29.792 min Scan# 4511

Delta R.T. 0.041 min

Lab File: BG062101.D

Acq: 16 Jul 2024 19:41

Tgt Ion:276 Resp: 612620

Ion Ratio Lower Upper

276 100

138 9.2 11.1 16.7#

277 20.8 18.8 28.2

