

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071624\
 Data File : BG062104.D
 Acq On : 16 Jul 2024 22:25
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 17 00:48:55 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	8.050	152	31741	20.000	ng/u1	0.00
20) Naphthalene-d8	10.864	136	186894	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.683	164	124098	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	288748	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.693	240	273634	20.000	ng/u1	# 0.00
88) Perylene-d12	24.918	264	296817	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.443	96	5552	6.573	ng/uL	0.00
4) Pyridine-d5	3.860	84	35970	13.850	ng/u1	0.00
7) Phenol-d5	7.227	99	78220	22.518	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.374	67	40128	18.242	ng/u1	0.00
11) 2-Chlorophenol-d4	7.586	132	55464	23.278	ng/u1	0.00
15) 4-Methylphenol-d8	8.772	113	62752	22.944	ng/u1	0.00
21) Nitrobenzene-d5	9.225	128	25901	18.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.947	143	35315	21.756	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.494	165	62029	19.812	ng/u1	0.00
31) 4-Chloroaniline-d4	11.005	131	91002	20.020	ng/u1	0.00
46) Dimethylphthalate-d6	14.084	166	190436	18.666	ng/u1	0.00
49) Acenaphthylene-d8	14.383	160	216106	20.257	ng/u1	0.00
54) 4-Nitrophenol-d4	14.912	143	30360	18.634	ng/u1	0.00
60) Fluorene-d10	15.676	176	187009	21.773	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.799	200	30200	19.915	ng/u1	0.00
73) Anthracene-d10	17.533	188	288772	21.420	ng/u1	0.00
81) Pyrene-d10	19.812	212	334657	20.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.701	264	295060	20.044	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.479	88	4890	5.245	ng/uL	93
5) Pyridine	3.878	79	37229	13.977	ng/u1#	81
6) Benzaldehyde	7.186	77	47953	26.084	ng/u1	92
8) Phenol	7.251	94	76908	21.625	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.468	93	51747	18.941	ng/u1	97
12) 2-Chlorophenol	7.621	128	53529	22.051	ng/u1	95
13) 2-Methylphenol	8.502	108	51351	20.230	ng/u1	87
14) 2,2'-oxybis(1-Chloropr...	8.578	45	97927	16.407	ng/u1#	96
16) Acetophenone	8.878	105	97023	21.476	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.855	70	51021	20.173	ng/u1	90
18) 4-Methylphenol	8.837	108	63709	22.412	ng/u1	96
19) Hexachloroethane	9.131	117	25892	24.587	ng/u1#	76
22) Nitrobenzene	9.266	77	73602	18.242	ng/u1	96
23) Isophorone	9.783	82	134760	14.784	ng/u1#	95
25) 2-Nitrophenol	9.971	139	32871	19.857	ng/u1#	88
26) 2,4-Dimethylphenol	10.041	107	79696	20.116	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.265	93	81298	16.196	ng/u1	97
29) 2,4-Dichlorophenol	10.523	162	52957	18.007	ng/u1	92
30) Naphthalene	10.917	128	206235	20.089	ng/u1#	94
32) 4-Chloroaniline	11.029	127	84121	18.860	ng/u1	98
33) Hexachlorobutadiene	11.187	225	53627	24.231	ng/u1	90
34) Caprolactam	11.792	113	15918	13.815	ng/u1	92
35) 4-Chloro-3-methylphenol	12.157	107	69214	17.671	ng/u1	95
36) 2-Methylnaphthalene	12.515	142	149478	20.098	ng/u1	97

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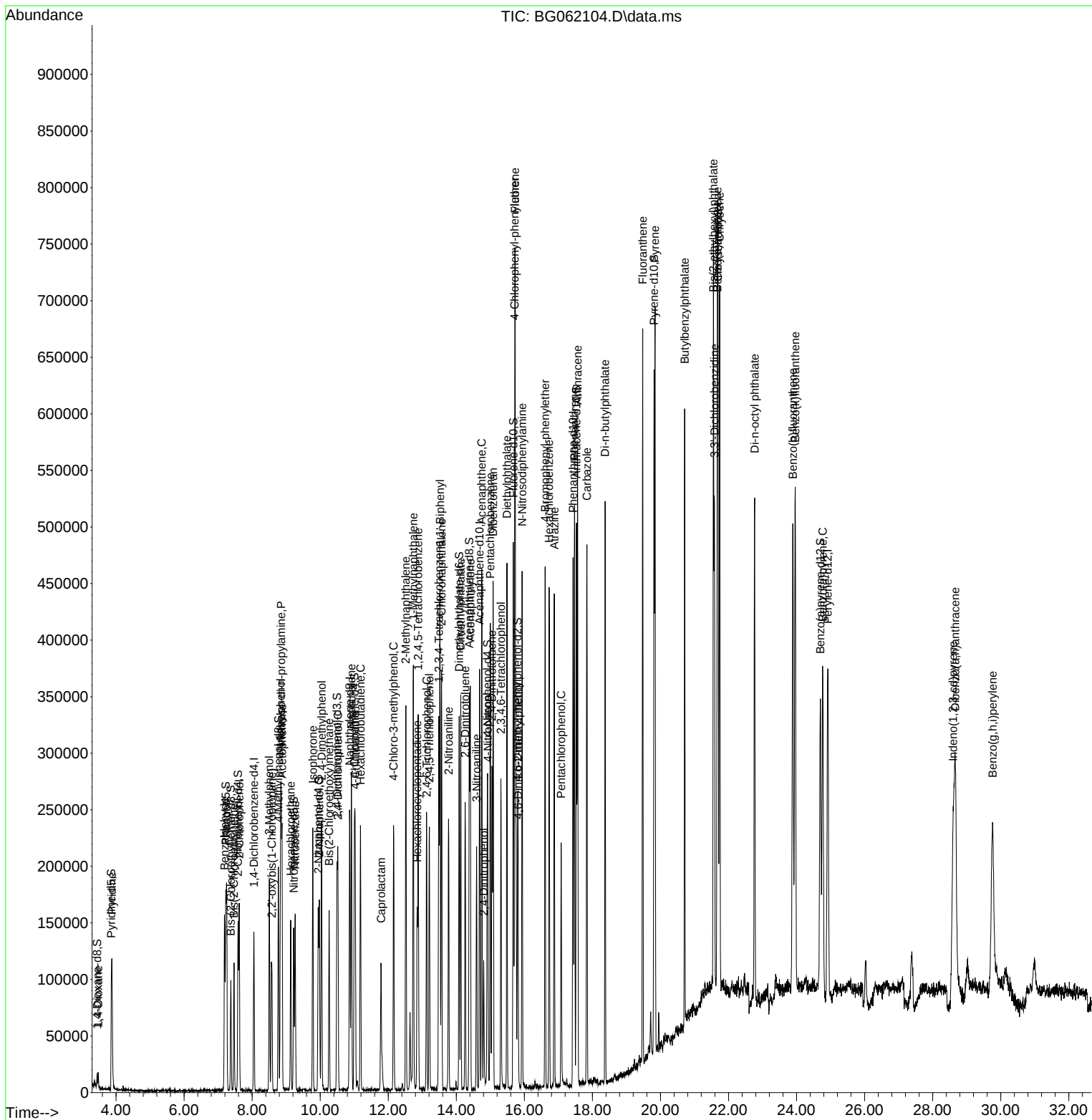
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 BNA_G
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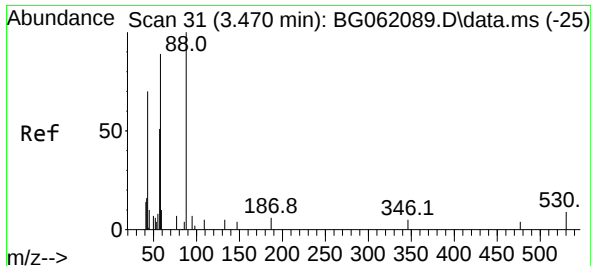
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.738	142	158330	20.485	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.879	216	91881	24.655	ng/ul	91
40) Hexachlorocyclopentadiene	12.850	237	41544	16.746	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.132	196	46610	18.830	ng/ul	94
42) 2,4,5-Trichlorophenol	13.208	196	53299	19.602	ng/ul	86
43) 1,1'-Biphenyl	13.520	154	212480	22.222	ng/ul	96
44) 2-Chloronaphthalene	13.567	162	164120	22.870	ng/ul	94
45) 2-Nitroaniline	13.772	65	70200	24.428	ng/ul	93
47) Dimethylphthalate	14.131	163	177585	18.096	ng/ul	98
48) 2,6-Dinitrotoluene	14.260	165	39867	21.415	ng/ul	93
50) Acenaphthylene	14.413	152	228067	19.478	ng/ul	98
51) 3-Nitroaniline	14.595	138	37434	20.657	ng/ul	96
52) Acenaphthene	14.748	153	175270	21.678	ng/ul	95
53) 2,4-Dinitrophenol	14.806	184	18676	19.202	ng/ul	94
55) 4-Nitrophenol	14.924	109	42591	22.904	ng/ul	93
56) Dibenzofuran	15.083	168	253454	22.180	ng/ul	94
57) 2,4-Dinitrotoluene	15.047	165	65115	23.850	ng/ul#	73
58) 2,3,4,6-Tetrachlorophenol	15.312	232	52049	21.198	ng/ul#	94
59) Diethylphthalate	15.488	149	222537	21.044	ng/ul	95
61) Fluorene	15.729	166	207997	21.404	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.717	204	111016	22.744	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.817	198	29967	18.362	ng/ul#	98
67) N-Nitrosodiphenylamine	15.935	169	154131	19.546	ng/ul	96
68) 4-Bromophenyl-phenylether	16.610	248	78646	24.008	ng/ul	95
69) Hexachlorobenzene	16.728	284	92550	24.570	ng/ul	97
70) Atrazine	16.881	200	76975	24.728	ng/ul	97
71) Pentachlorophenol	17.080	266	37783	18.249	ng/ul	95
72) Phenanthrene	17.474	178	310087	20.367	ng/ul	98
74) Anthracene	17.562	178	339131	21.554	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.490	216	92041	25.665	ng/ul	96
76) Pentachlorobenzene	15.000	250	104505	25.549	ng/ul	96
77) Carbazole	17.838	167	293608	22.173	ng/ul#	96
78) Di-n-butylphthalate	18.373	149	314827	18.518	ng/ul#	97
80) Fluoranthene	19.477	202	389819	20.466	ng/ul#	92
82) Pyrene	19.842	202	395437	20.098	ng/ul#	91
83) Butylbenzylphthalate	20.711	149	138821	16.812	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.587	252	152262	23.390	ng/ul#	95
85) Benzo(a)anthracene	21.675	228	400155	20.198	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.557	149	230711	19.471	ng/ul	98
87) Chrysene	21.740	228	376891	20.321	ng/ul	98
89) Di-n-octyl phthalate	22.768	149	351293	19.373	ng/ul	100
90) Benzo(b)fluoranthene	23.890	252	417472	22.324	ng/ul#	94
91) Benzo(k)fluoranthene	23.960	252	439064	23.545	ng/ul#	96
93) Benzo(a)pyrene	24.765	252	344943	19.479	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.602	276	194609	8.600	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.661	278	364519	19.504	ng/ul	97
96) Benzo(g,h,i)perylene	29.760	276	370177	20.562	ng/ul#	92

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

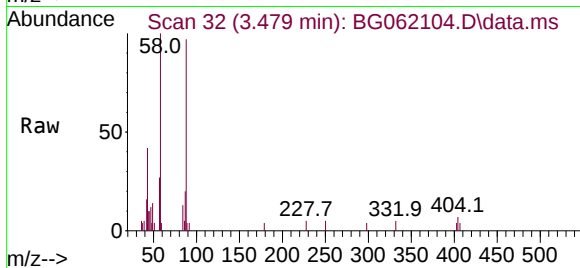
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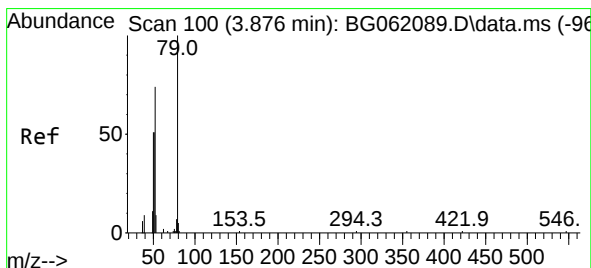
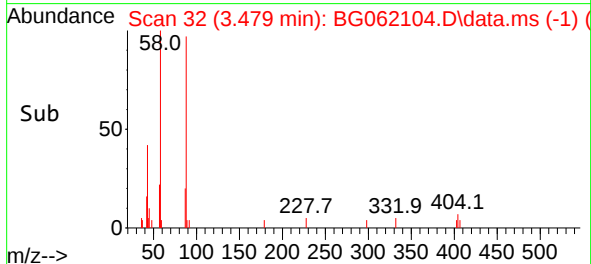
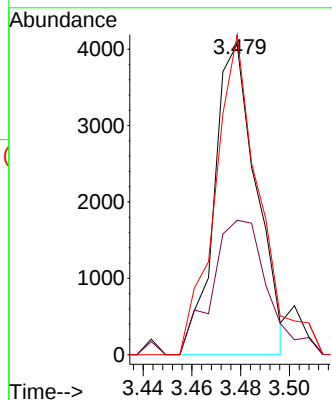


#2
1,4-Dioxane
Concen: 5.245 ng/uL
RT: 3.479 min Scan# 31
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Instrument :
BNA_G
ClientSampleId :

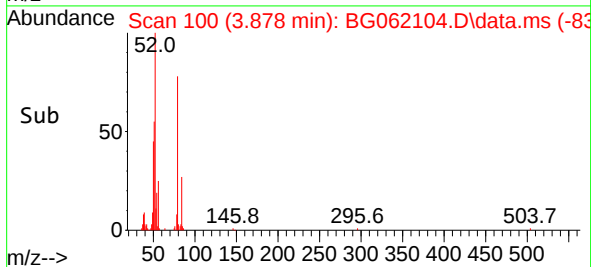
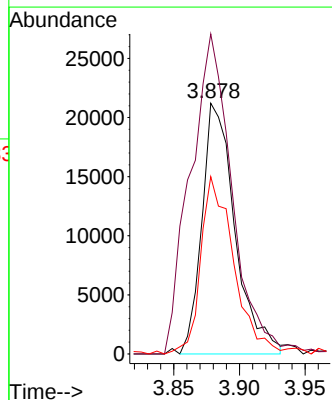
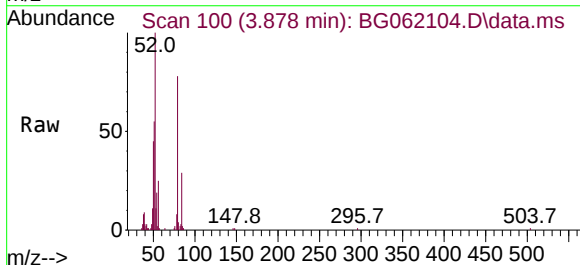


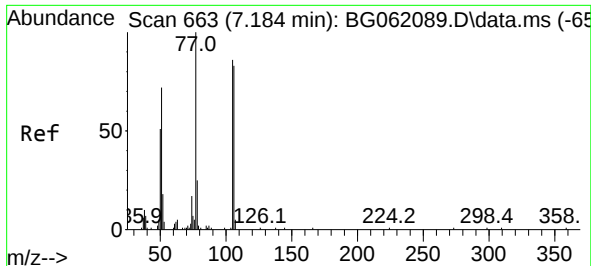
Tgt Ion	Ratio	Lower	Upper
88	100		
43	43.3	39.4	59.2
58	103.1	78.1	117.1



#5
Pyridine
Concen: 13.977 ng/uL
RT: 3.878 min Scan# 100
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

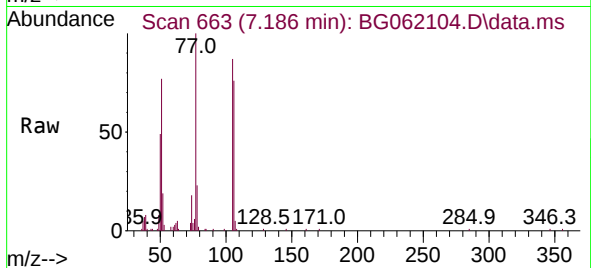
Tgt Ion	Ratio	Lower	Upper
79	100		
52	127.6	86.0	129.0
51	70.7	46.4	69.6



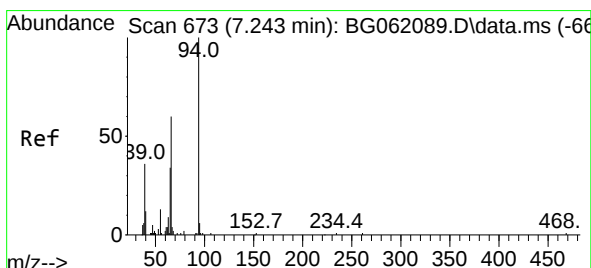
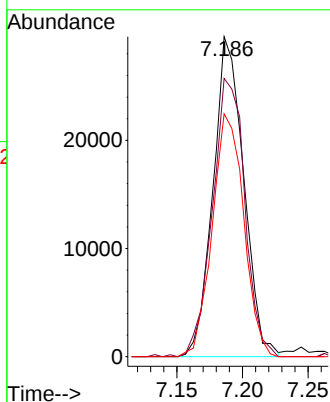
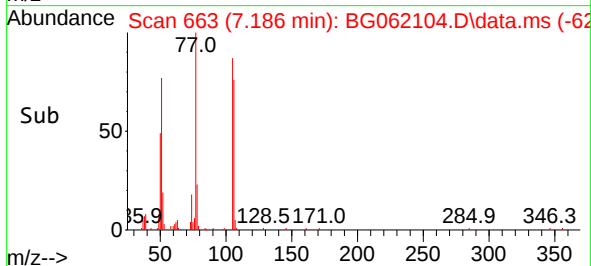


#6
Benzaldehyde
Concen: 26.084 ng/ul
RT: 7.186 min Scan# 663
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Instrument :
BNA_G
ClientSampleId :

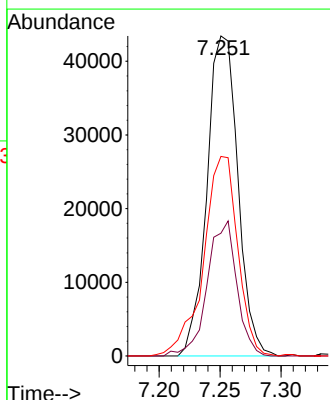
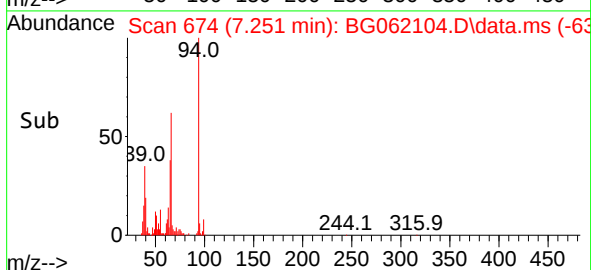
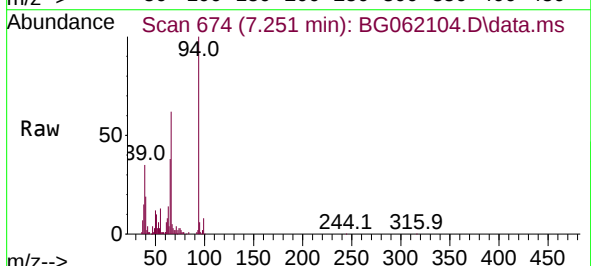


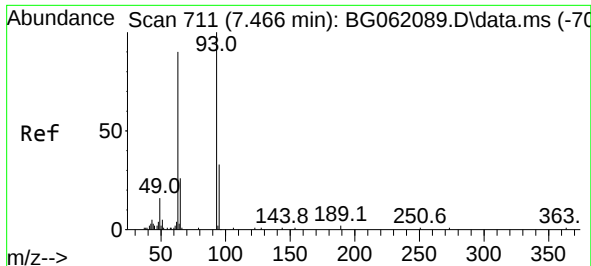
Tgt Ion: 77 Resp: 47953
Ion Ratio Lower Upper
77 100
105 87.0 79.6 119.4
106 75.9 62.6 93.8



#8
Phenol
Concen: 21.625 ng/ul
RT: 7.251 min Scan# 674
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

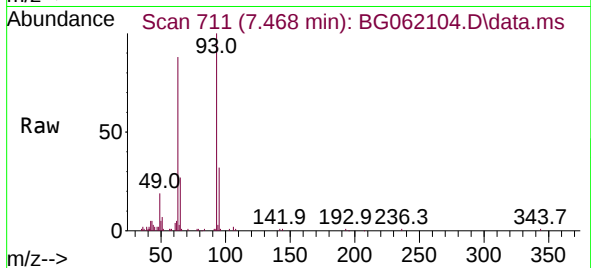
Tgt Ion: 94 Resp: 76908
Ion Ratio Lower Upper
94 100
65 38.4 29.0 43.4
66 62.4 37.4 56.2#





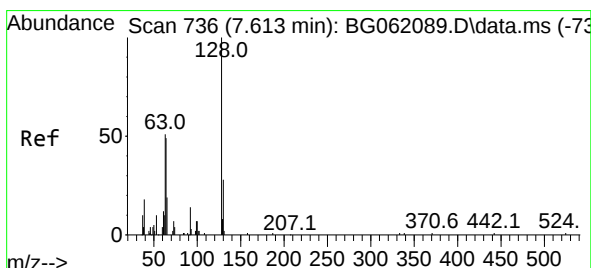
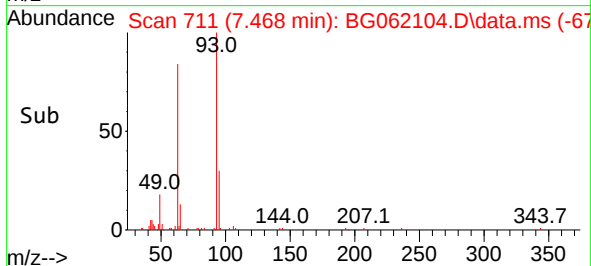
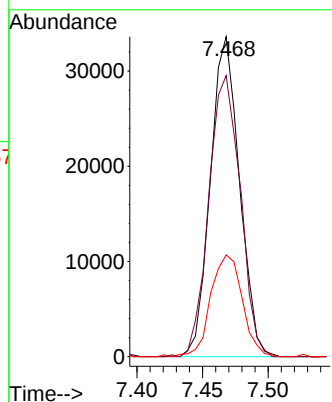
#10
Bis(2-Chloroethyl)ether
Concen: 18.941 ng/ul
RT: 7.468 min Scan# 711
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 93 Resp: 51747

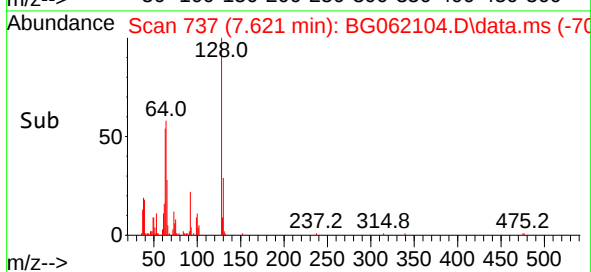
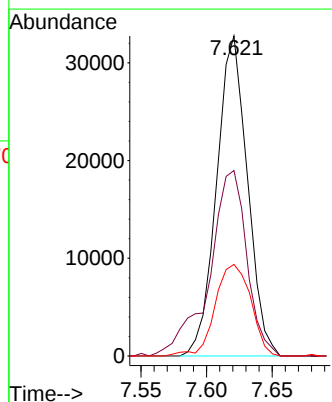
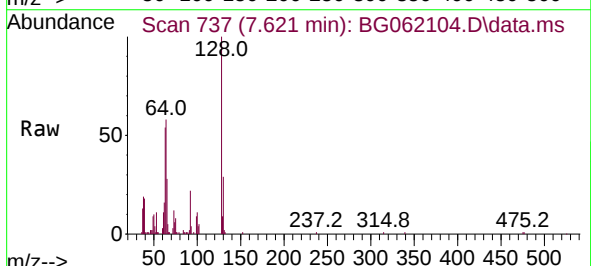
Ion	Ratio	Lower	Upper
93	100		
63	87.9	72.2	108.2
95	31.8	26.7	40.1

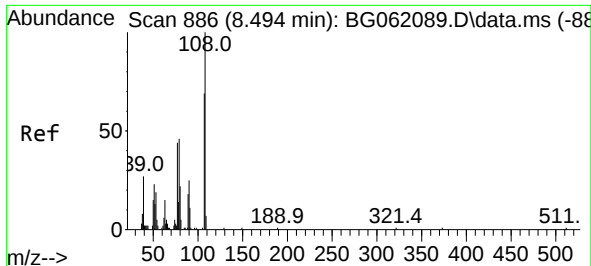


#12
2-Chlorophenol
Concen: 22.051 ng/ul
RT: 7.621 min Scan# 737
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion: 128 Resp: 53529

Ion	Ratio	Lower	Upper
128	100		
64	58.0	42.6	63.8
130	28.6	23.3	34.9





#13

2-Methylphenol

Concen: 20.230 ng/ul

RT: 8.502 min Scan# 81

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

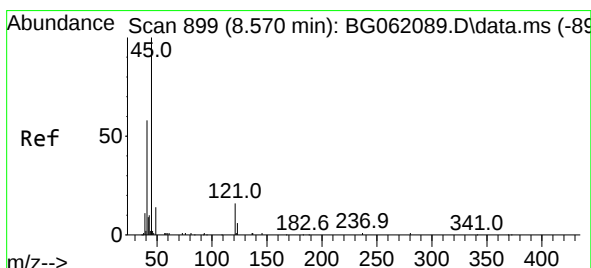
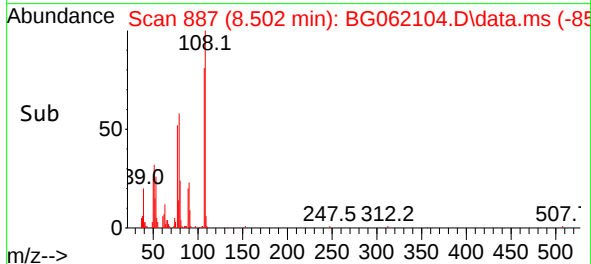
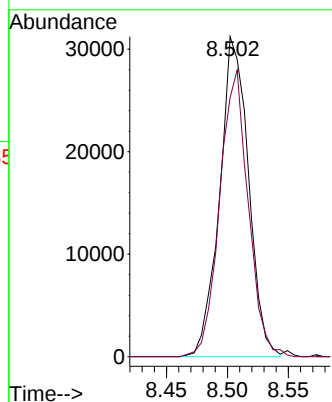
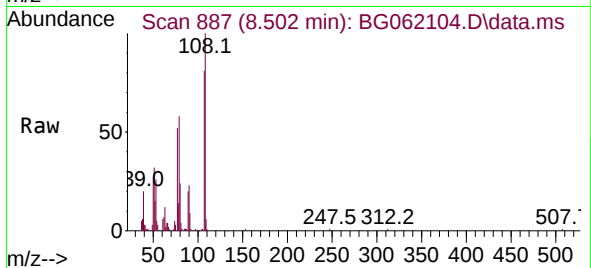
ClientSampleId :

Tgt Ion:108 Resp: 51351

Ion Ratio Lower Upper

108 100

107 81.0 74.9 112.3



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.407 ng/ul

RT: 8.578 min Scan# 900

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

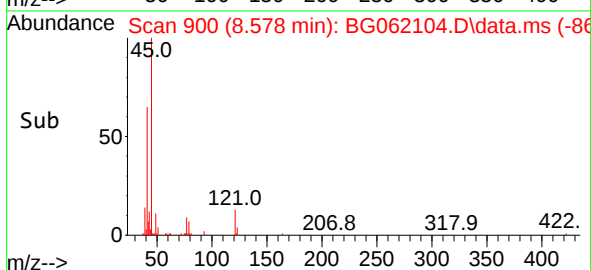
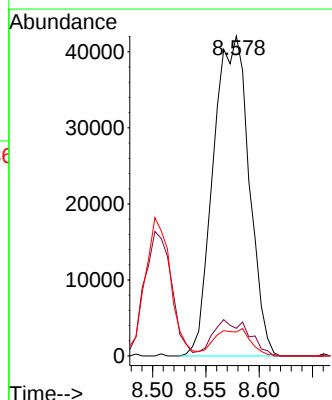
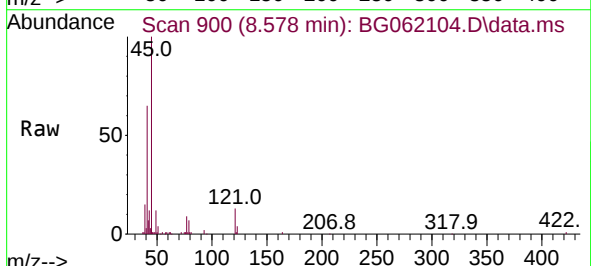
Tgt Ion: 45 Resp: 97927

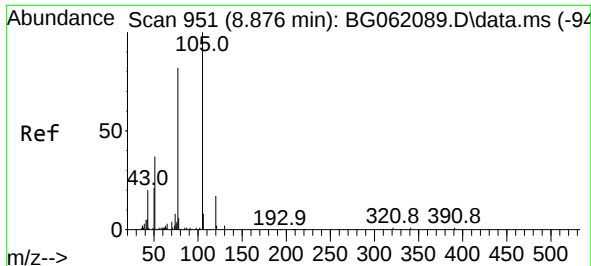
Ion Ratio Lower Upper

45 100

77 8.6 7.4 11.0

79 8.3 4.8 7.2#

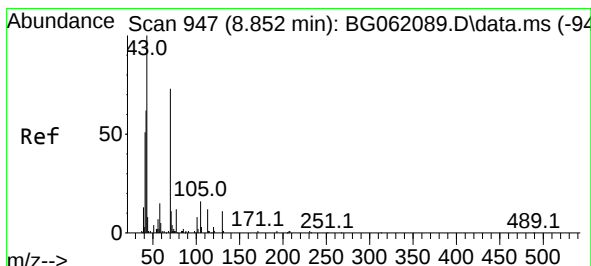
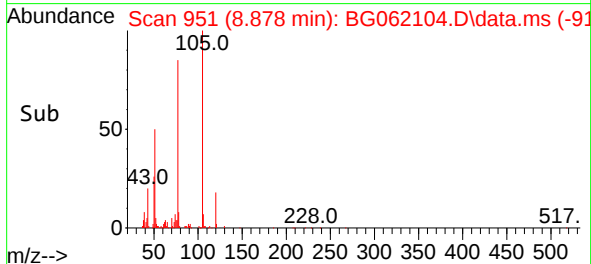
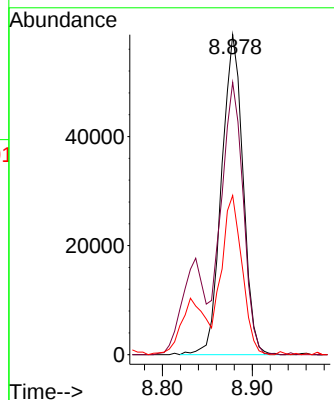
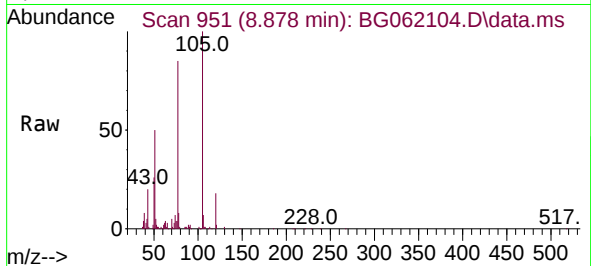




#16
Acetophenone
Concen: 21.476 ng/ul
RT: 8.878 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

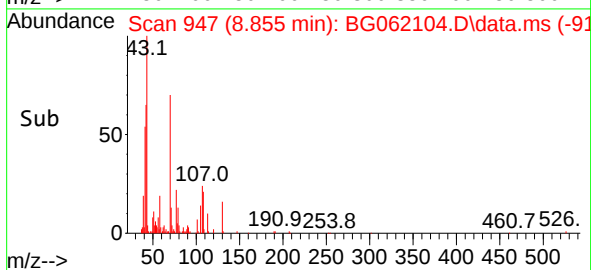
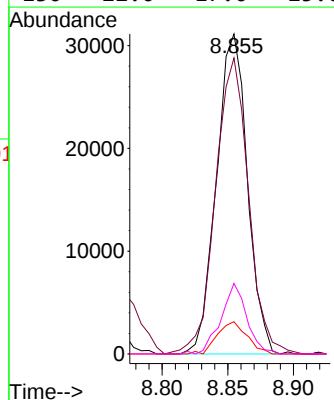
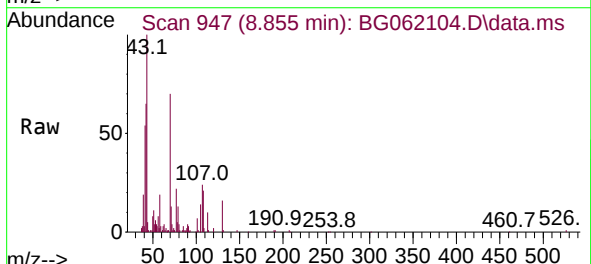
Instrument :
BNA_G
ClientSampleId :

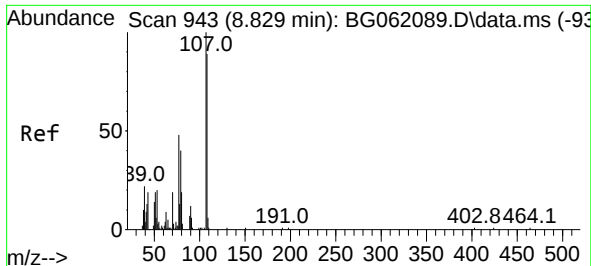
Tgt Ion:105 Resp: 97023
Ion Ratio Lower Upper
105 100
77 85.1 64.1 96.1
51 49.8 33.8 50.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.173 ng/ul
RT: 8.855 min Scan# 947
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

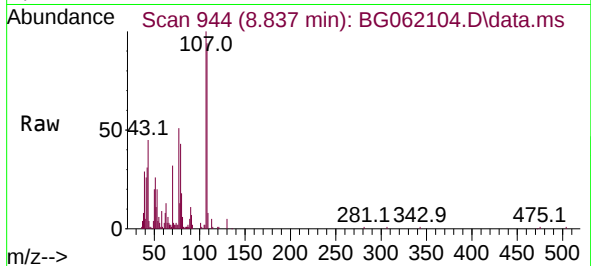
Tgt Ion: 70 Resp: 51021
Ion Ratio Lower Upper
70 100
42 92.5 64.7 97.1
101 10.1 7.3 10.9
130 22.0 17.0 25.6



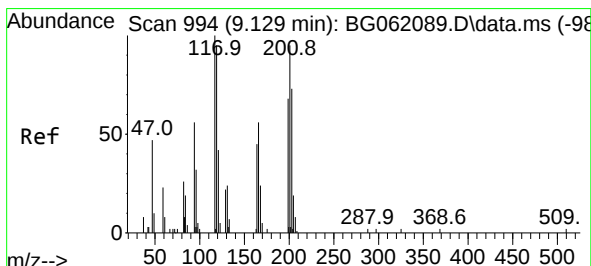
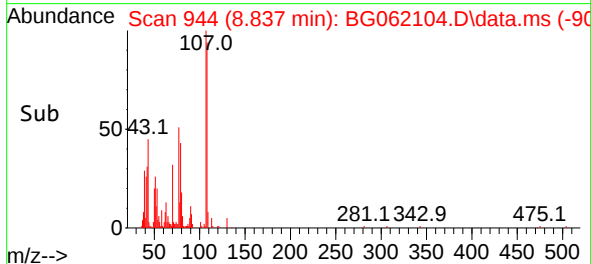
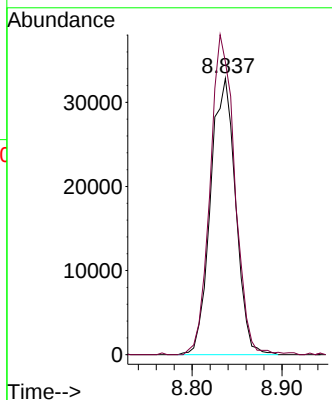


#18
4-Methylphenol
Concen: 22.412 ng/ul
RT: 8.837 min Scan# 943
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Instrument :
BNA_G
ClientSampleId :

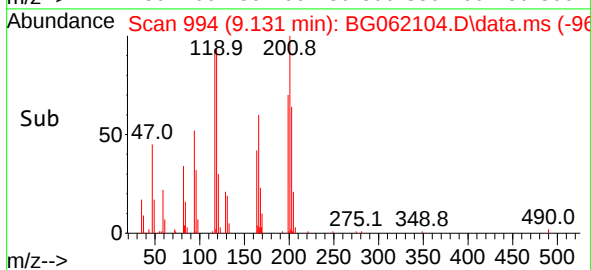
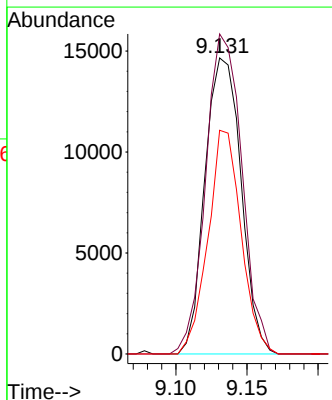
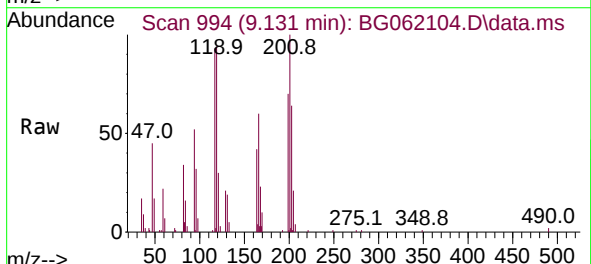


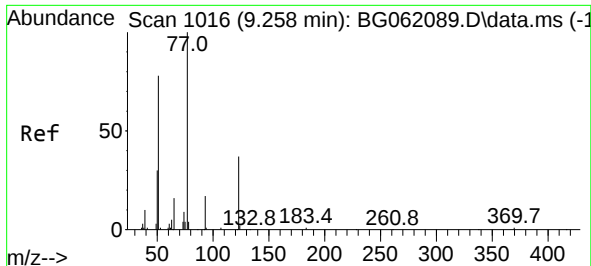
Tgt Ion:108 Resp: 63709
Ion Ratio Lower Upper
108 100
107 105.9 88.4 132.6



#19
Hexachloroethane
Concen: 24.587 ng/ul
RT: 9.131 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:117 Resp: 25892
Ion Ratio Lower Upper
117 100
201 110.7 69.3 103.9#
199 77.0 48.9 73.3#

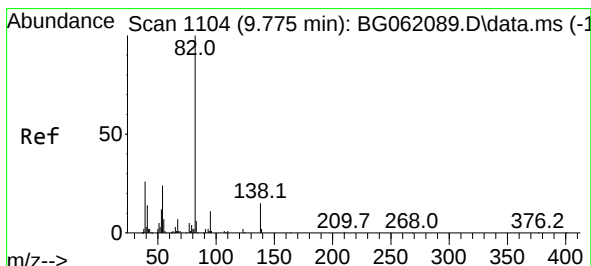
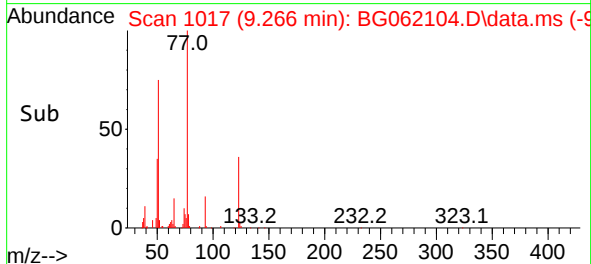
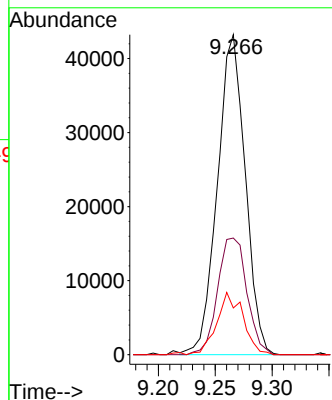
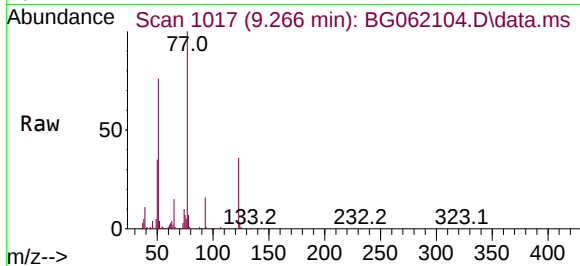




#22
Nitrobenzene
Concen: 18.242 ng/ul
RT: 9.266 min Scan# 1105
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

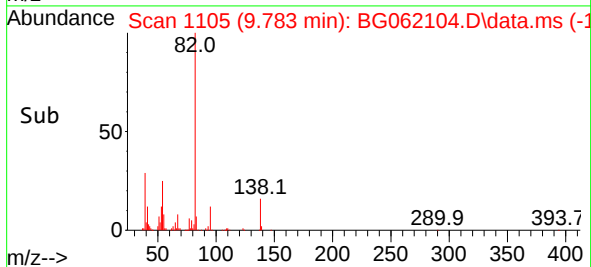
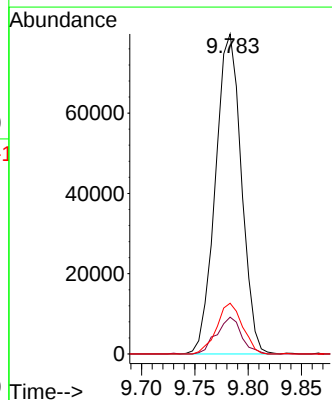
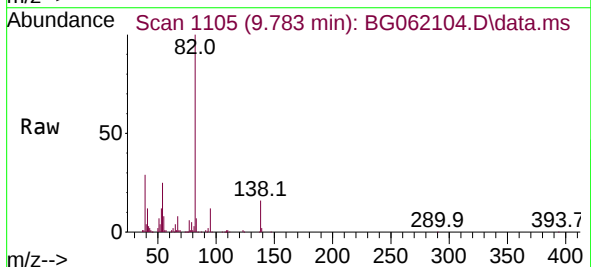
Instrument :
BNA_G
ClientSampleId :

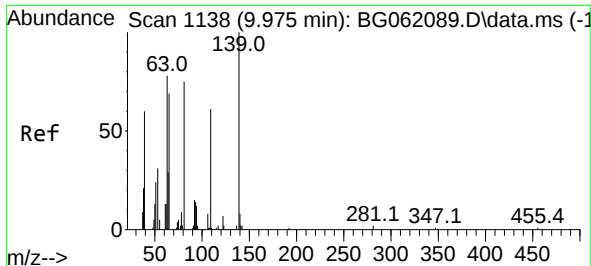
Tgt Ion: 77 Resp: 73602
Ion Ratio Lower Upper
77 100
123 36.5 31.0 46.6
65 14.6 12.7 19.1



#23
Isophorone
Concen: 14.784 ng/ul
RT: 9.783 min Scan# 1105
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion: 82 Resp: 134760
Ion Ratio Lower Upper
82 100
95 11.5 6.0 9.0#
138 15.8 11.9 17.9

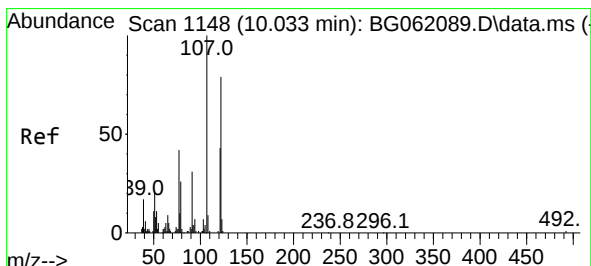
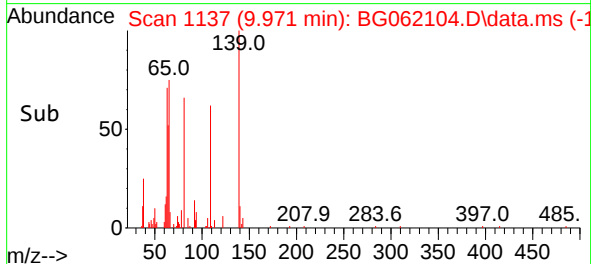
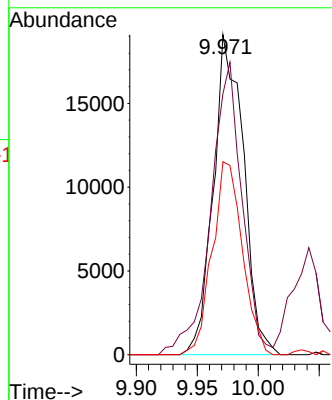
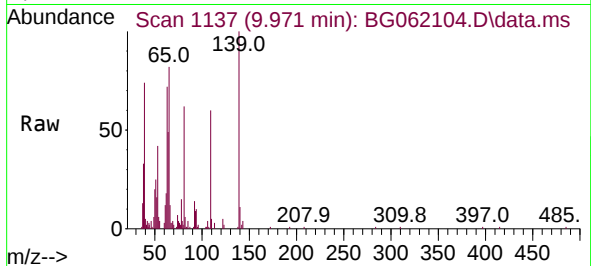




#25
2-Nitrophenol
Concen: 19.857 ng/ul
RT: 9.971 min Scan# 1137
Delta R.T. -0.004 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

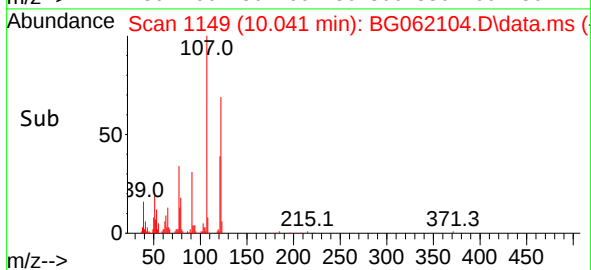
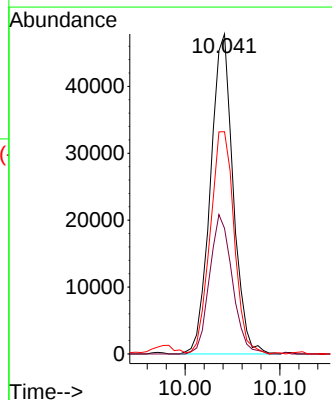
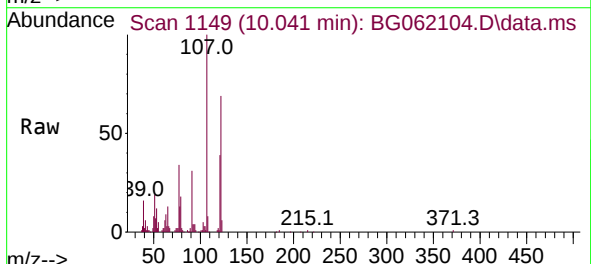
Instrument :
BNA_G
ClientSampleId :

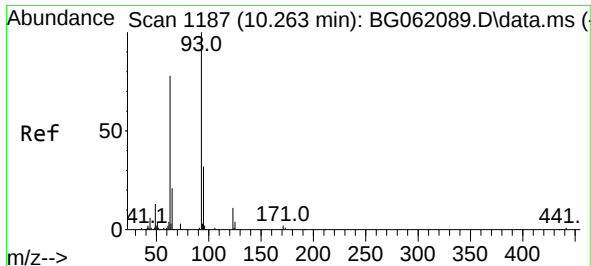
Tgt Ion:139 Resp: 32871
Ion Ratio Lower Upper
139 100
65 81.5 61.6 92.4
109 60.3 35.4 53.2#



#26
2,4-Dimethylphenol
Concen: 20.116 ng/ul
RT: 10.041 min Scan# 1149
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:107 Resp: 79696
Ion Ratio Lower Upper
107 100
121 39.2 35.6 53.4
122 69.4 62.2 93.2

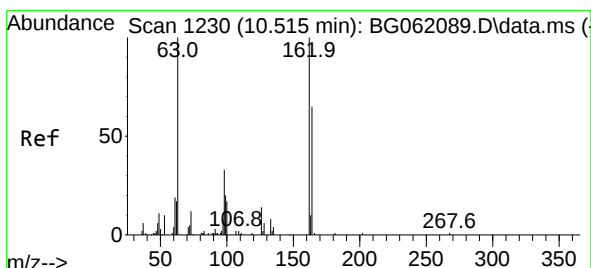
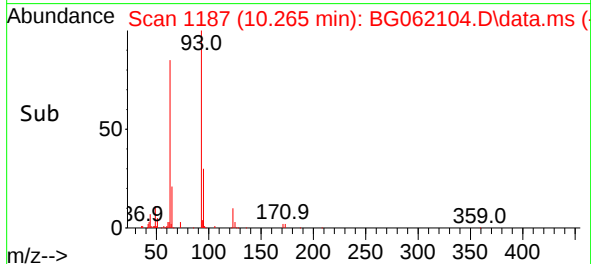
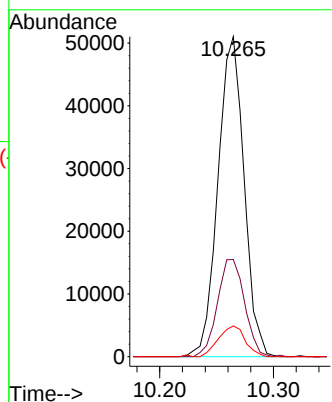
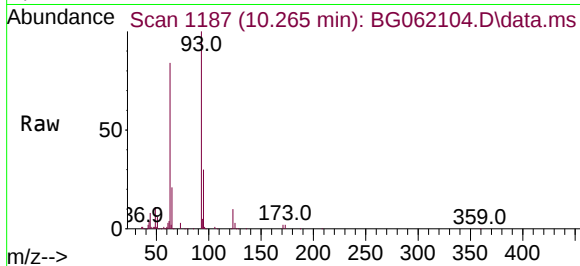




#27
 Bis(2-Chloroethoxy)methane
 Concen: 16.196 ng/ul
 RT: 10.265 min Scan# 1187
 Delta R.T. 0.002 min
 Lab File: BG062104.D
 Acq: 16 Jul 2024 22:25

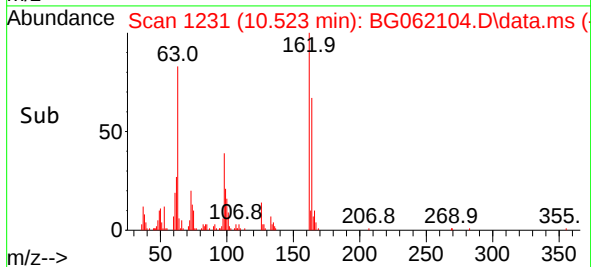
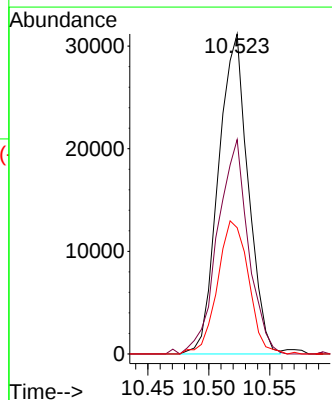
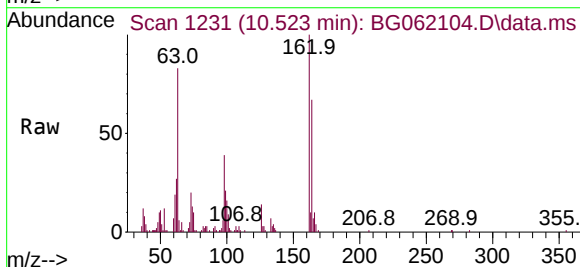
Instrument :
 BNA_G
 ClientSampleId :

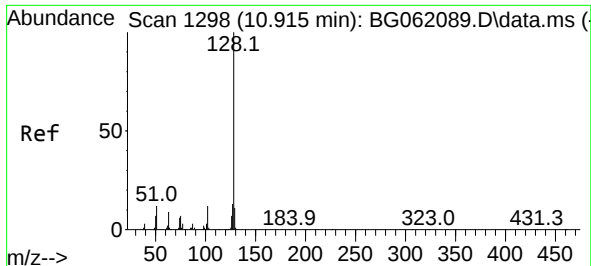
Tgt Ion: 93 Resp: 81298
 Ion Ratio Lower Upper
 93 100
 95 30.3 26.2 39.2
 123 9.6 7.5 11.3



#29
 2,4-Dichlorophenol
 Concen: 18.007 ng/ul
 RT: 10.523 min Scan# 1231
 Delta R.T. 0.008 min
 Lab File: BG062104.D
 Acq: 16 Jul 2024 22:25

Tgt Ion:162 Resp: 52957
 Ion Ratio Lower Upper
 162 100
 164 67.0 46.9 70.3
 98 39.5 33.4 50.2

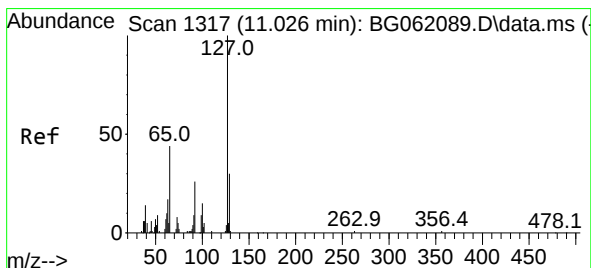
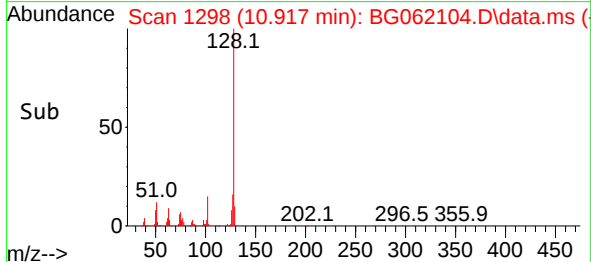
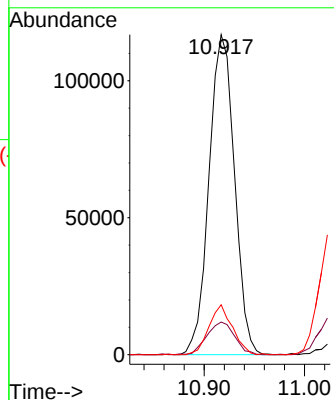
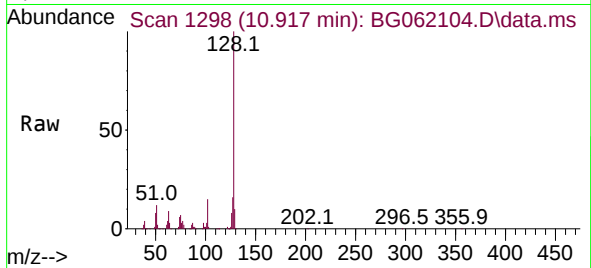




#30
Naphthalene
Concen: 20.089 ng/ul
RT: 10.917 min Scan# 1298
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

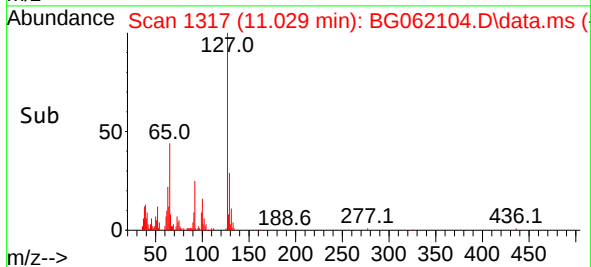
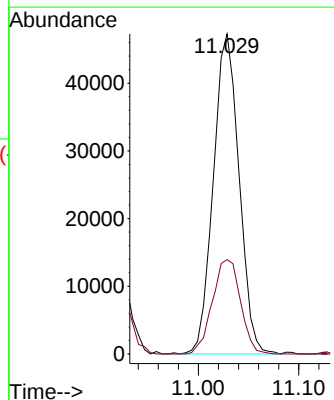
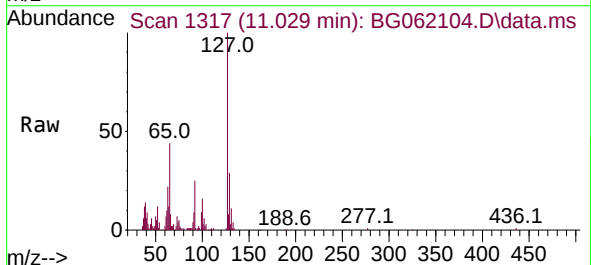
Instrument :
BNA_G
ClientSampleId :

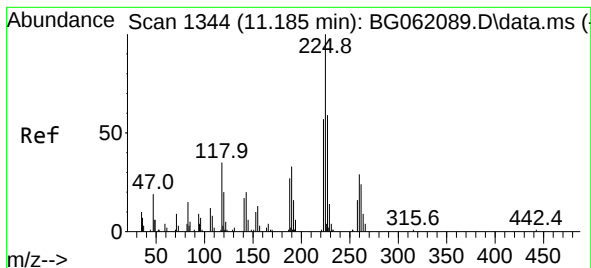
Tgt Ion:128 Resp: 206235
Ion Ratio Lower Upper
128 100
129 10.2 7.7 11.5
127 15.6 9.6 14.4#



#32
4-Chloroaniline
Concen: 18.860 ng/ul
RT: 11.029 min Scan# 1317
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:127 Resp: 84121
Ion Ratio Lower Upper
127 100
129 29.5 24.2 36.4





#33

Hexachlorobutadiene

Concen: 24.231 ng/ul

RT: 11.187 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

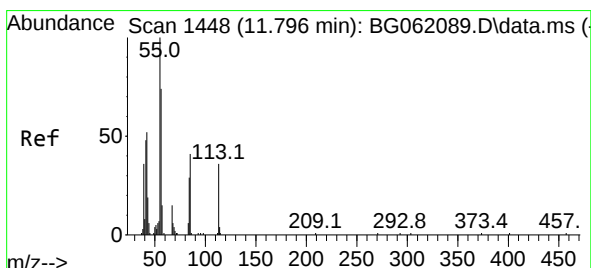
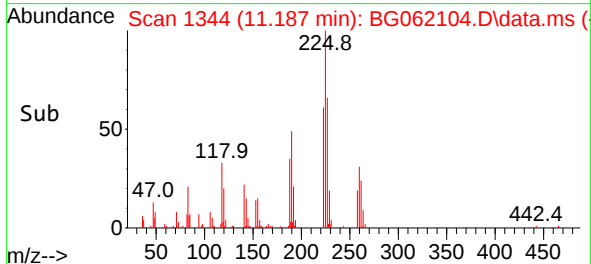
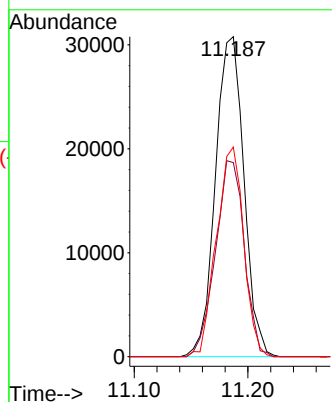
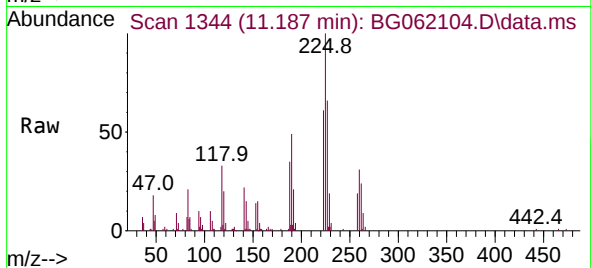
Tgt Ion:225 Resp: 53627

Ion Ratio Lower Upper

225 100

223 60.7 45.4 68.2

227 65.5 44.0 66.0



#34

Caprolactam

Concen: 13.815 ng/ul

RT: 11.792 min Scan# 1447

Delta R.T. -0.004 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

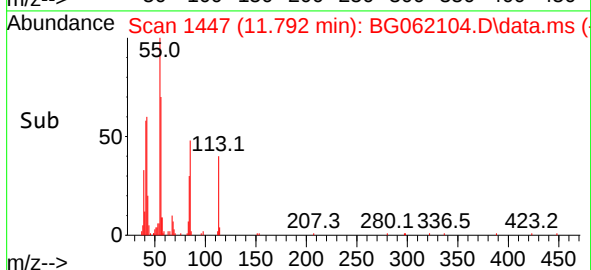
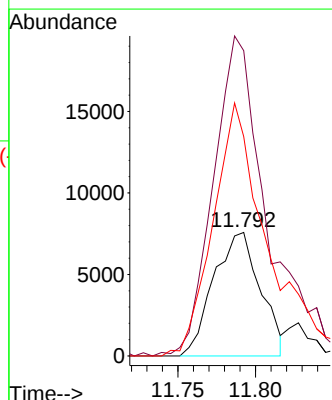
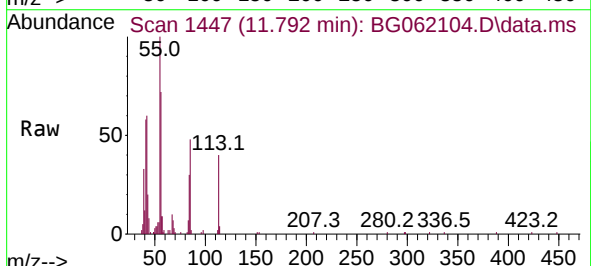
Tgt Ion:113 Resp: 15918

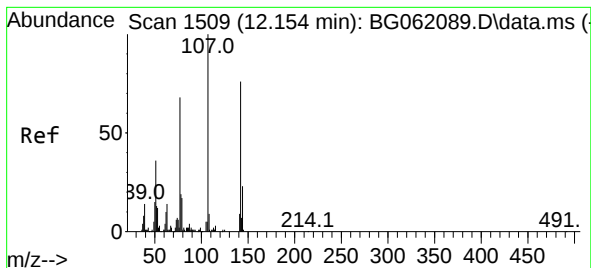
Ion Ratio Lower Upper

113 100

55 247.0 184.6 276.8

56 177.4 135.0 202.6

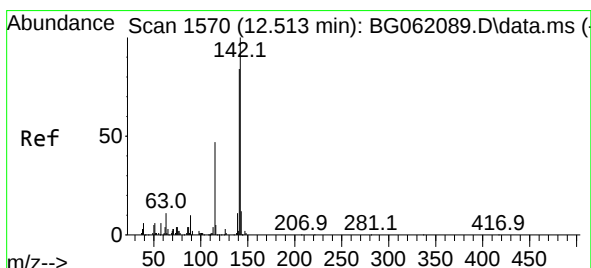
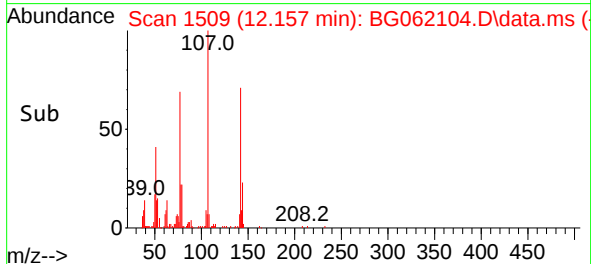
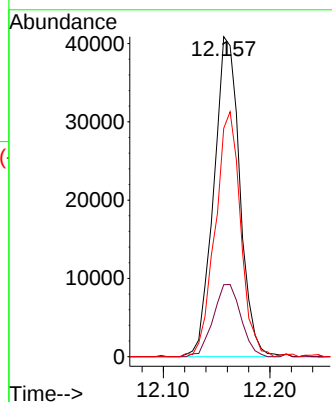
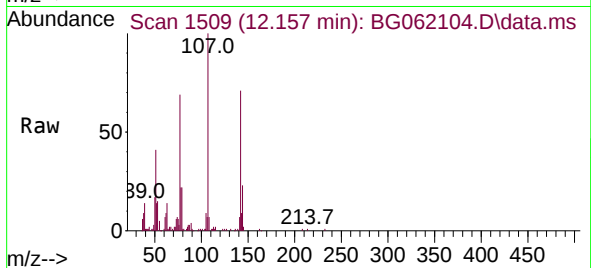




#35
4-Chloro-3-methylphenol
Concen: 17.671 ng/ul
RT: 12.157 min Scan# 1509
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

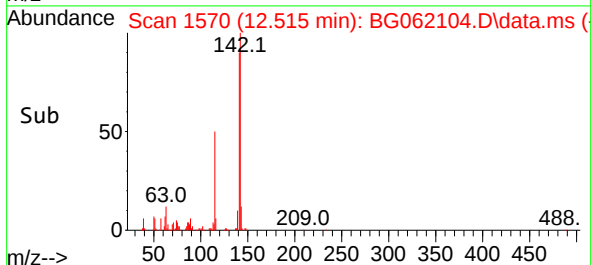
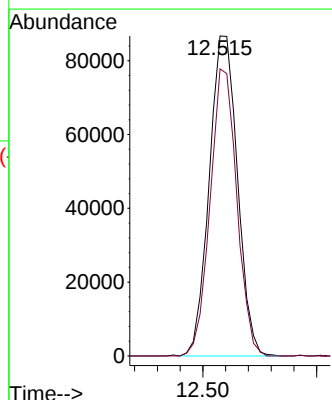
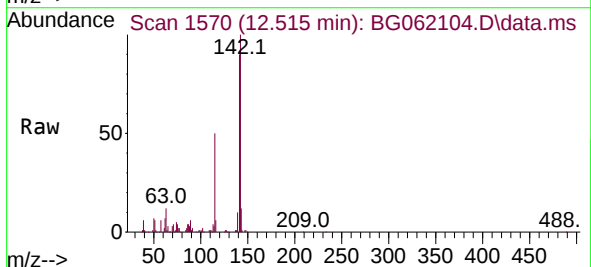
Instrument :
BNA_G
ClientSampleId :

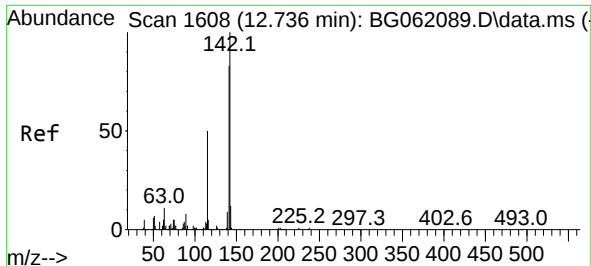
Tgt Ion:107 Resp: 69214
Ion Ratio Lower Upper
107 100
144 22.5 19.6 29.4
142 71.4 60.3 90.5



#36
2-Methylnaphthalene
Concen: 20.098 ng/ul
RT: 12.515 min Scan# 1570
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:142 Resp: 149478
Ion Ratio Lower Upper
142 100
141 89.7 69.4 104.2





#37

1-Methylnaphthalene

Concen: 20.485 ng/ul

RT: 12.738 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

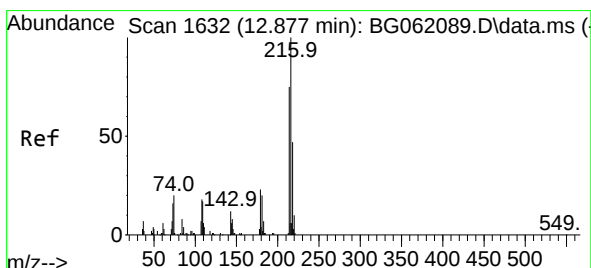
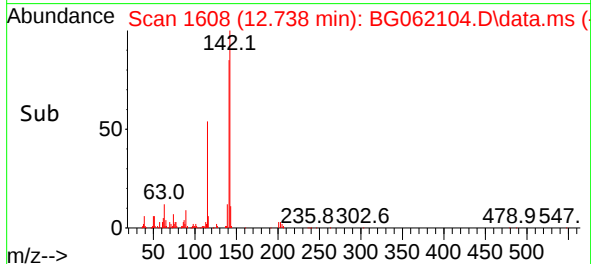
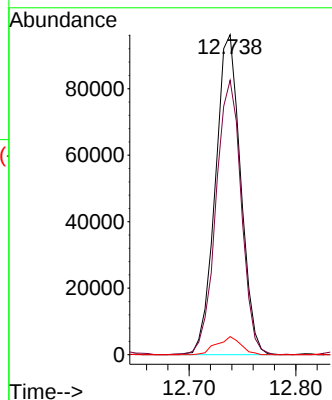
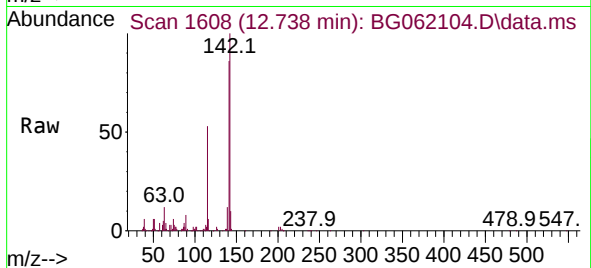
Tgt Ion:142 Resp: 158330

Ion Ratio Lower Upper

142 100

141 85.8 71.4 107.2

116 5.6 3.8 5.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.655 ng/ul

RT: 12.879 min Scan# 1632

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Tgt Ion:216 Resp: 91881

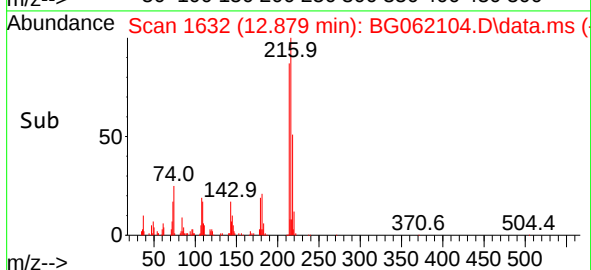
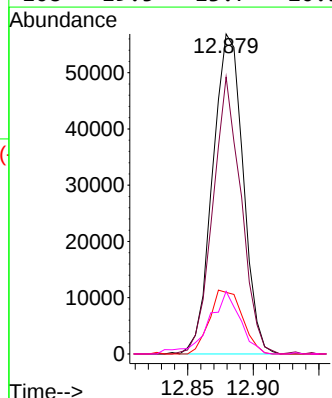
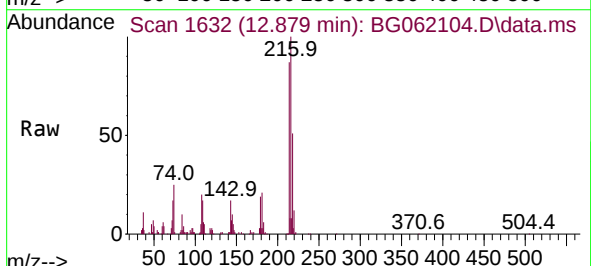
Ion Ratio Lower Upper

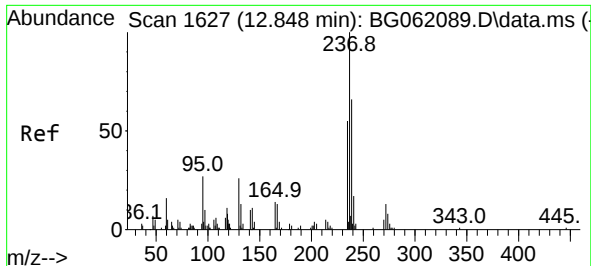
216 100

214 86.6 62.5 93.7

179 19.3 18.6 27.8

108 19.5 13.7 20.5

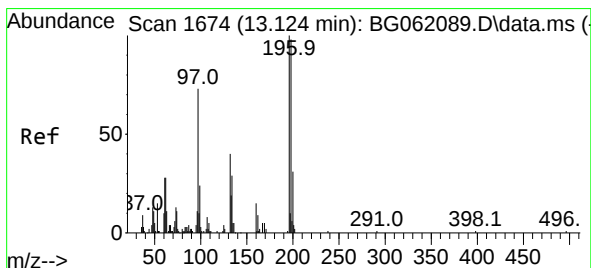
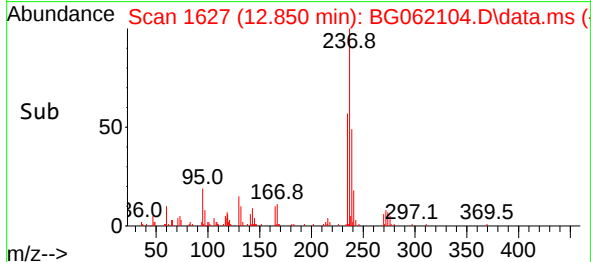
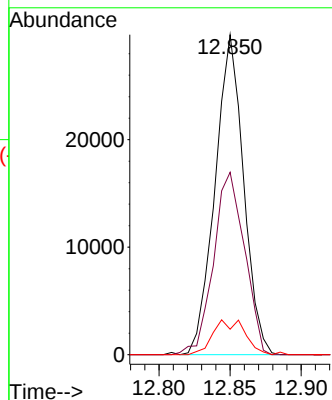
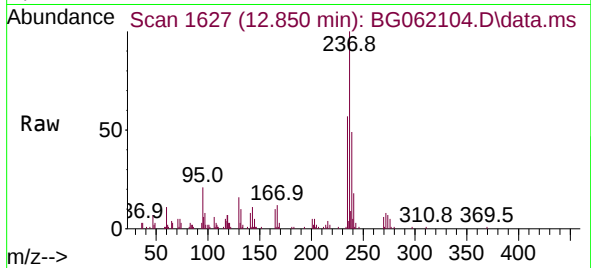




#40
Hexachlorocyclopentadiene
Concen: 16.746 ng/ul
RT: 12.850 min Scan# 1627
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

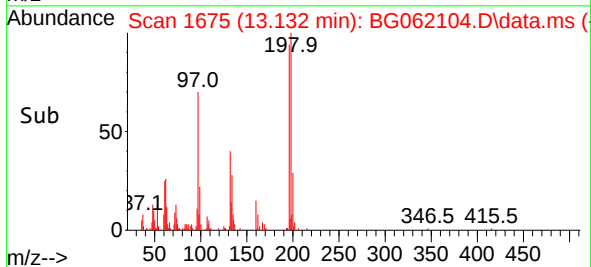
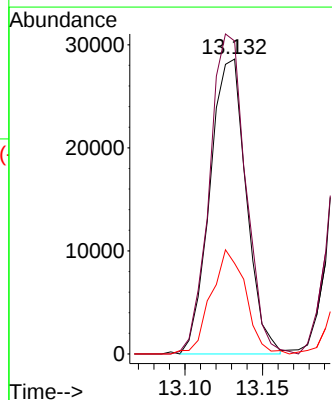
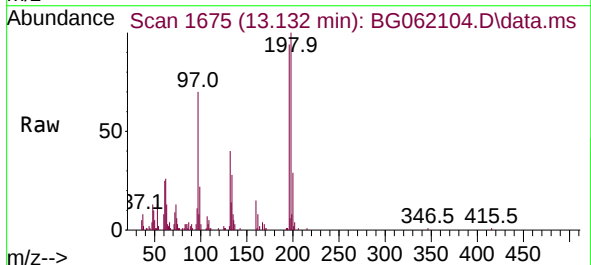
Instrument :
BNA_G
ClientSampleId :

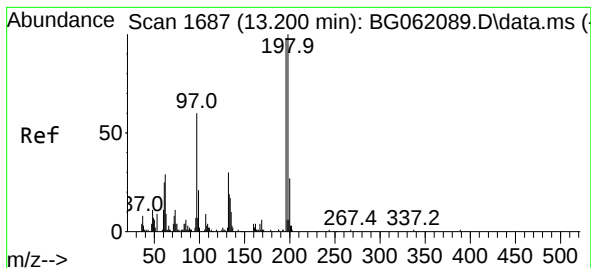
Tgt Ion:237 Resp: 41544
Ion Ratio Lower Upper
237 100
235 57.0 51.7 77.5
272 7.9 12.4 18.6#



#41
2,4,6-Trichlorophenol
Concen: 18.830 ng/ul
RT: 13.132 min Scan# 1675
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:196 Resp: 46610
Ion Ratio Lower Upper
196 100
198 106.1 79.9 119.9
200 30.7 26.7 40.1





#42

2,4,5-Trichlorophenol

Concen: 19.602 ng/ul

RT: 13.208 min Scan# 1

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

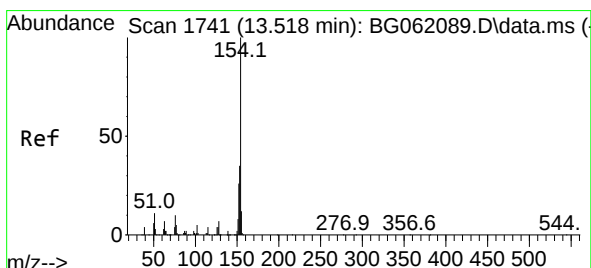
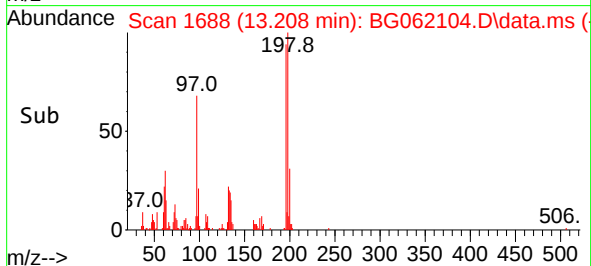
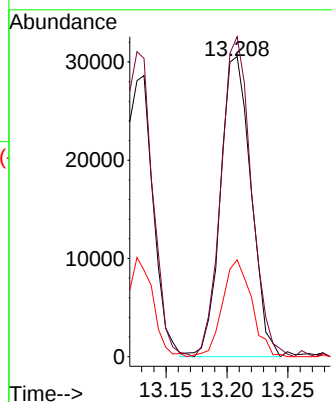
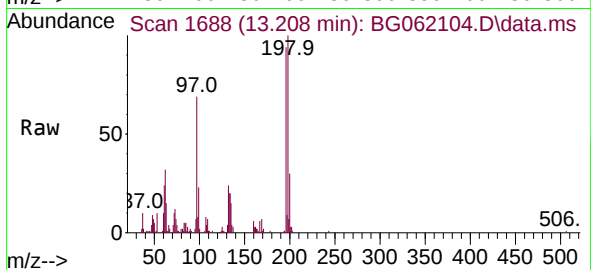
Tgt Ion:196 Resp: 53299

Ion Ratio Lower Upper

196 100

198 106.6 72.5 108.7

200 32.3 23.7 35.5



#43

1,1'-Biphenyl

Concen: 22.222 ng/ul

RT: 13.520 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

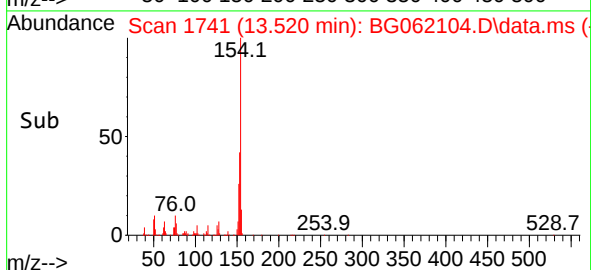
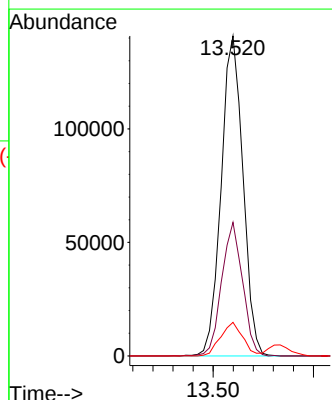
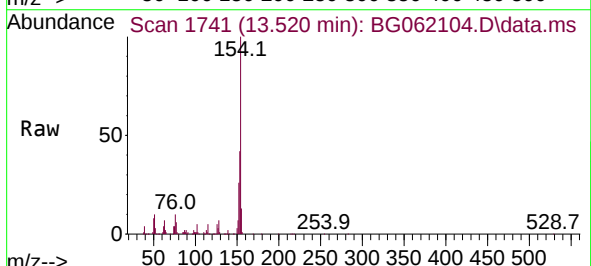
Tgt Ion:154 Resp: 212480

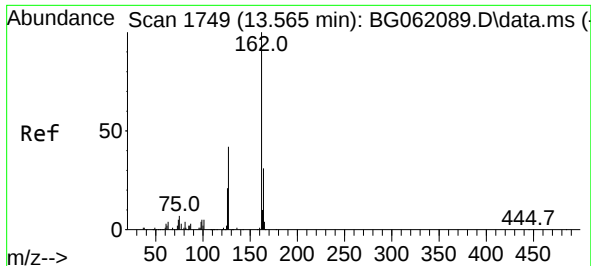
Ion Ratio Lower Upper

154 100

153 41.8 31.7 47.5

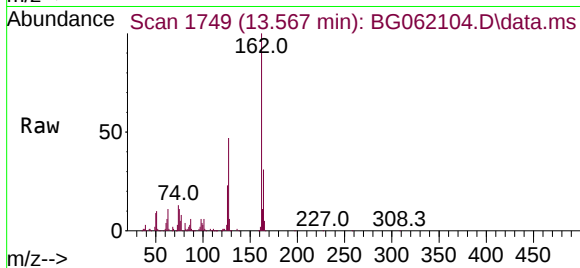
76 10.5 10.0 15.0



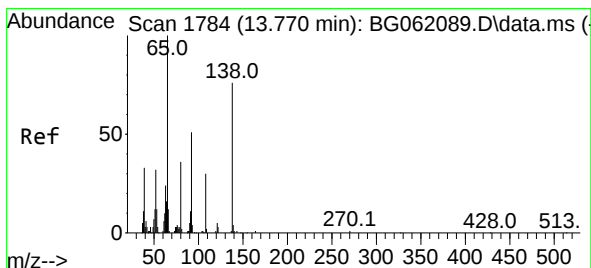
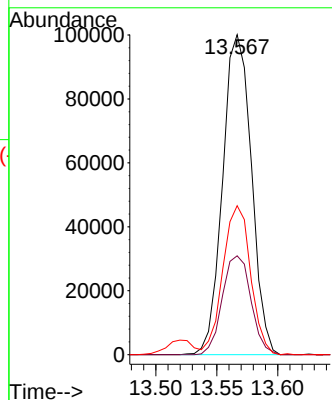
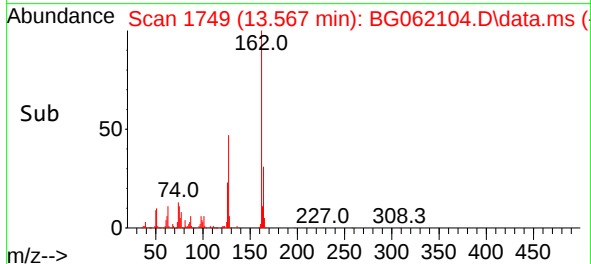


#44
2-Chloronaphthalene
Concen: 22.870 ng/ul
RT: 13.567 min Scan# 1749
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Instrument :
BNA_G
ClientSampleId :

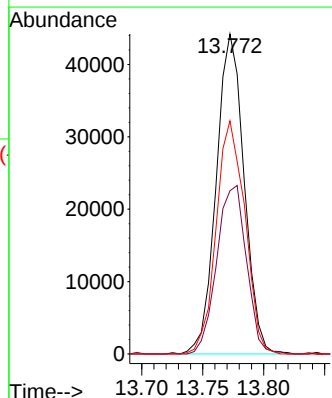
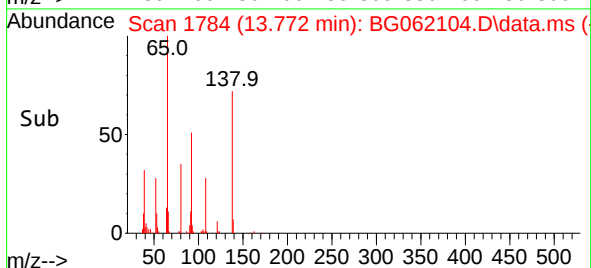
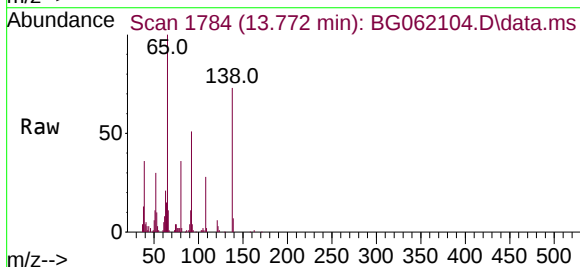


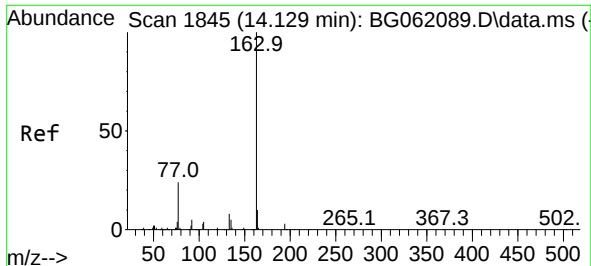
Tgt Ion:162 Resp: 164120
Ion Ratio Lower Upper
162 100
164 30.9 23.3 34.9
127 46.6 33.2 49.8



#45
2-Nitroaniline
Concen: 24.428 ng/ul
RT: 13.772 min Scan# 1784
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion: 65 Resp: 70200
Ion Ratio Lower Upper
65 100
92 51.0 48.2 72.4
138 72.8 56.8 85.2

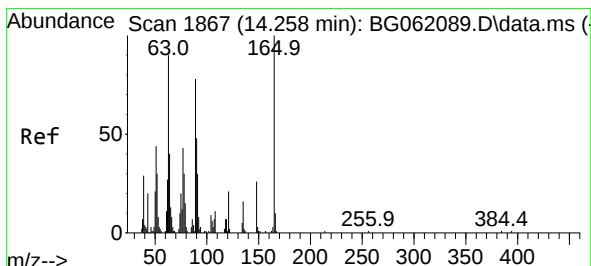
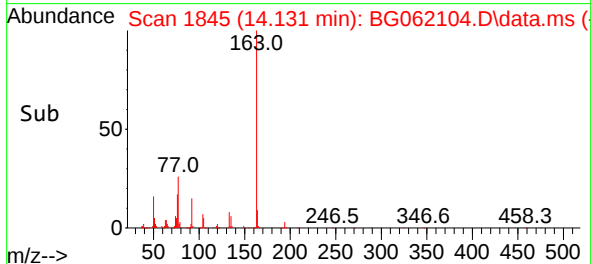
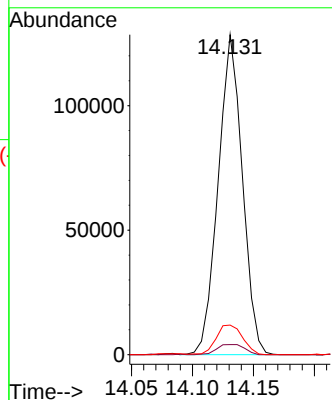
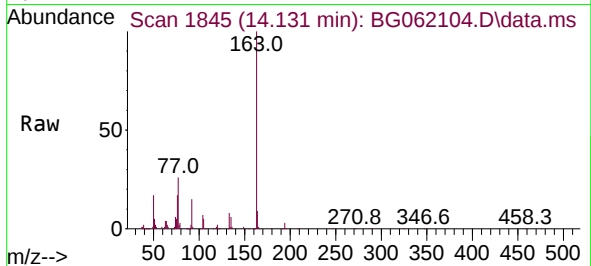




#47
Dimethylphthalate
Concen: 18.096 ng/ul
RT: 14.131 min Scan# 1845
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

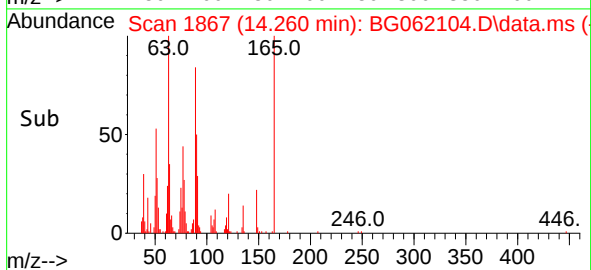
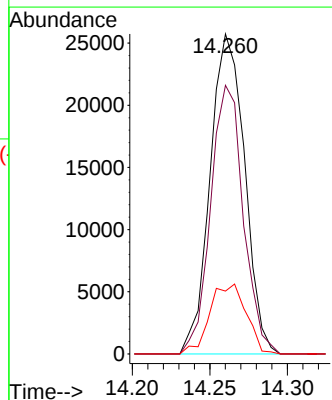
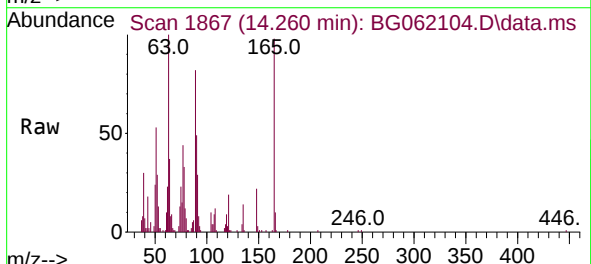
Instrument :
BNA_G
ClientSampleId :

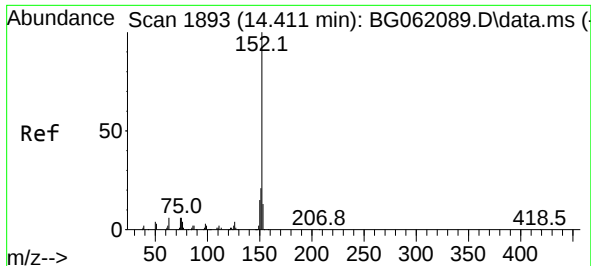
Tgt Ion:163 Resp: 177585
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.3 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.415 ng/ul
RT: 14.260 min Scan# 1867
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:165 Resp: 39867
Ion Ratio Lower Upper
165 100
89 83.9 62.6 93.8
121 19.7 18.4 27.6

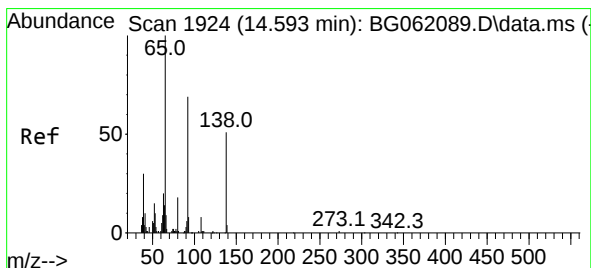
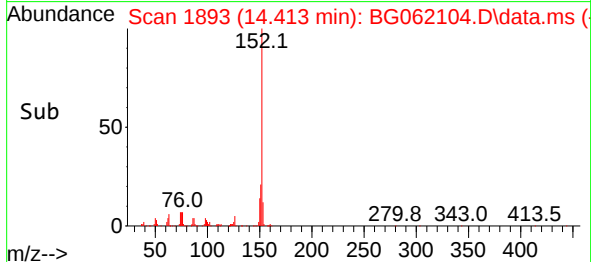
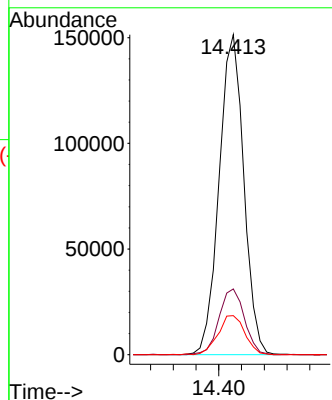
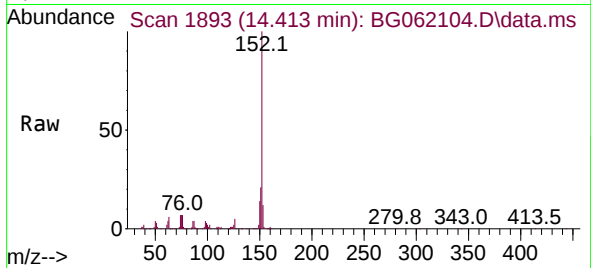




#50
Acenaphthylene
Concen: 19.478 ng/ul
RT: 14.413 min Scan# 1893
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

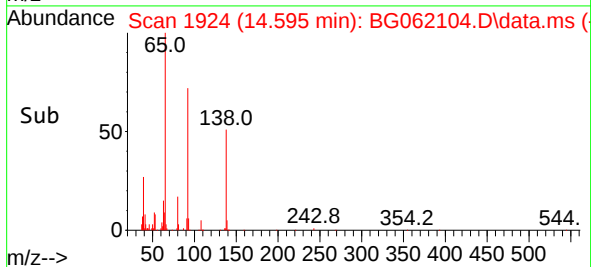
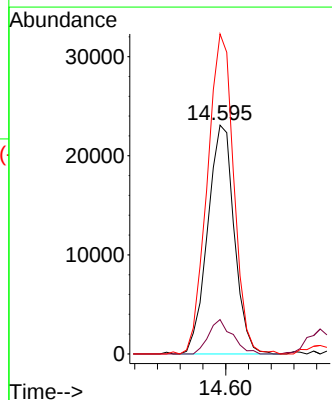
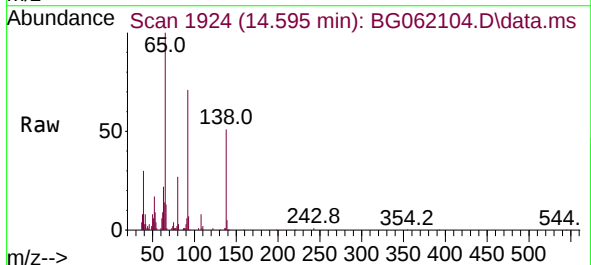
Instrument :
BNA_G
ClientSampleId :

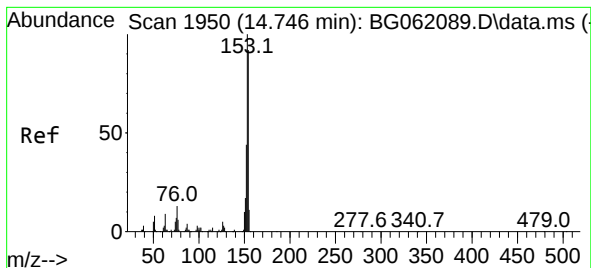
Tgt Ion:152 Resp: 228067
Ion Ratio Lower Upper
152 100
151 20.5 16.5 24.7
153 12.2 11.4 17.0



#51
3-Nitroaniline
Concen: 20.657 ng/ul
RT: 14.595 min Scan# 1924
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:138 Resp: 37434
Ion Ratio Lower Upper
138 100
108 15.1 12.3 18.5
92 139.9 116.3 174.5





#52

Acenaphthene

Concen: 21.678 ng/ul

RT: 14.748 min Scan# 1950

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

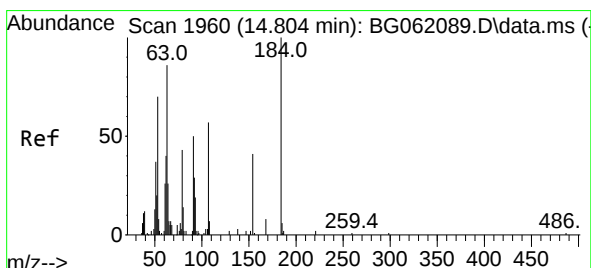
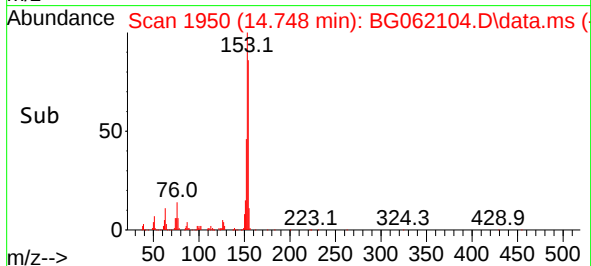
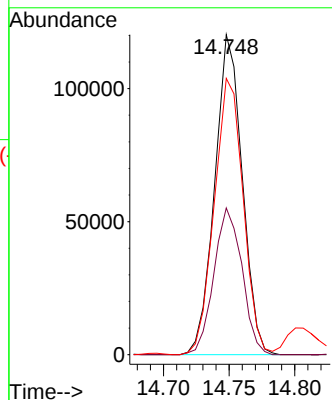
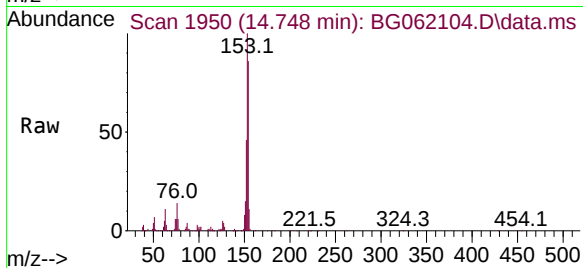
Tgt Ion:153 Resp: 175270

Ion Ratio Lower Upper

153 100

152 45.9 37.2 55.8

154 86.3 75.0 112.6



#53

2,4-Dinitrophenol

Concen: 19.202 ng/ul

RT: 14.806 min Scan# 1960

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

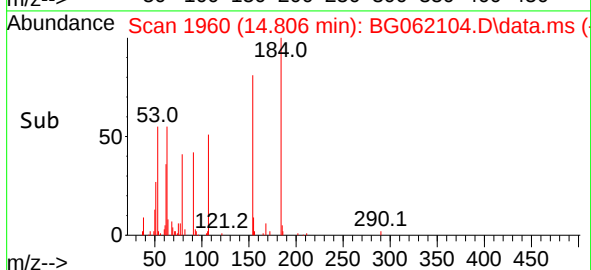
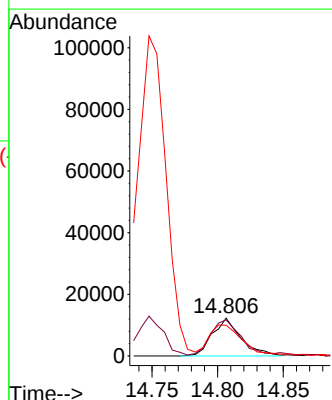
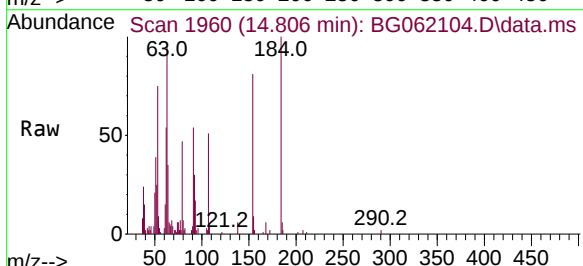
Tgt Ion:184 Resp: 18676

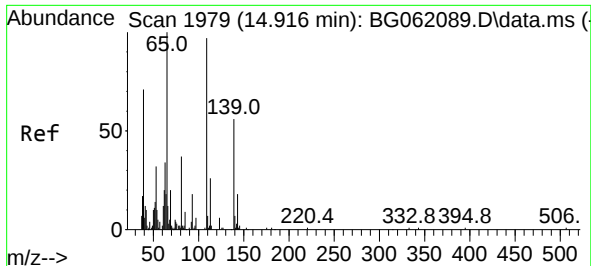
Ion Ratio Lower Upper

184 100

63 95.4 83.6 125.4

154 81.3 66.8 100.2

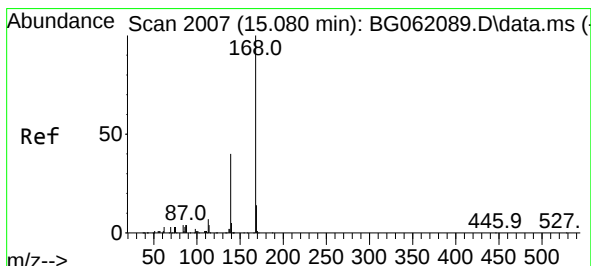
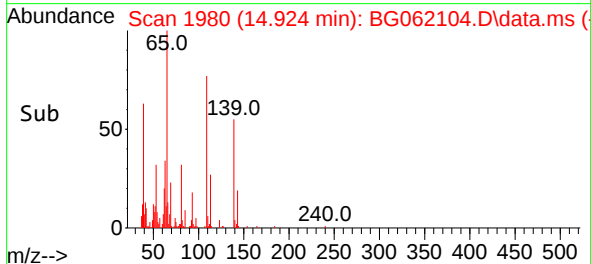
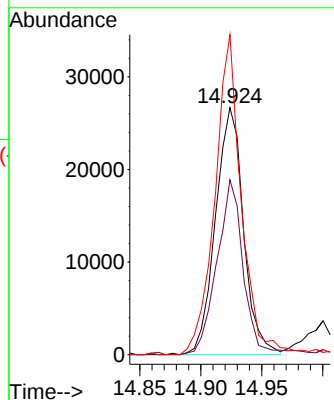
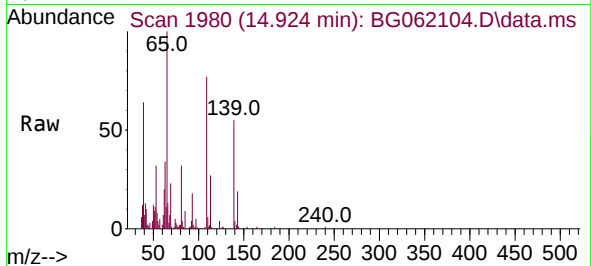




#55
4-Nitrophenol
Concen: 22.904 ng/ul
RT: 14.924 min Scan# 1979
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

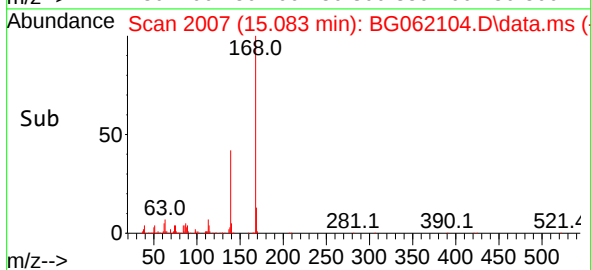
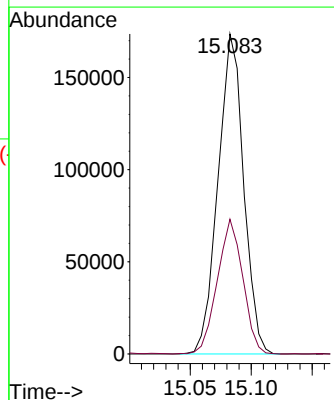
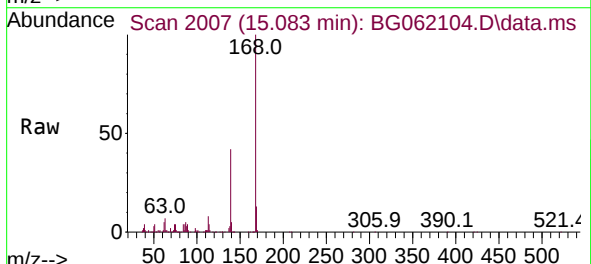
Instrument :
BNA_G
ClientSampleId :

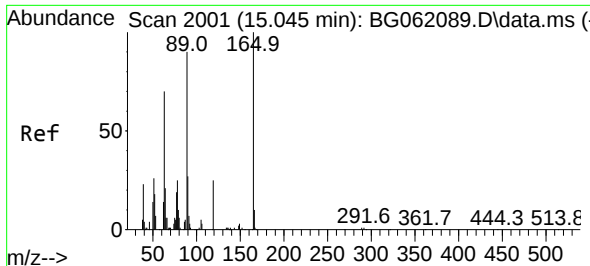
Tgt Ion	Ratio	Lower	Upper
109	100		
139	70.8	67.4	101.2
65	129.5	102.1	153.1



#56
Dibenzofuran
Concen: 22.180 ng/ul
RT: 15.083 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.0	46.4





#57

2,4-Dinitrotoluene

Concen: 23.850 ng/ul

RT: 15.047 min Scan# 2001

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

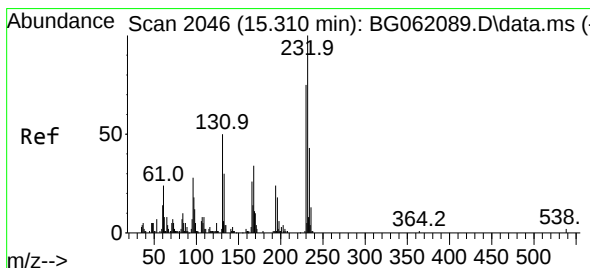
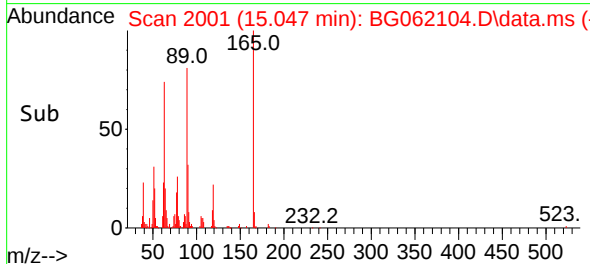
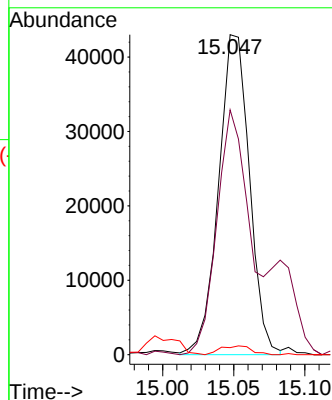
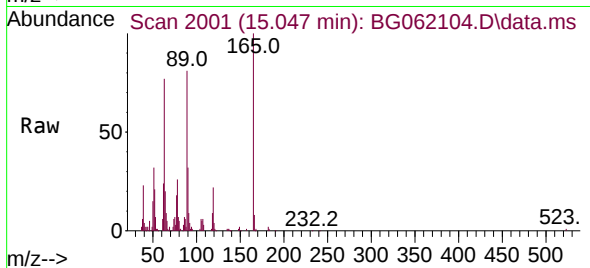
Tgt Ion:165 Resp: 65115

Ion Ratio Lower Upper

165 100

63 76.5 44.9 67.3#

182 2.2 2.6 3.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.198 ng/ul

RT: 15.312 min Scan# 2046

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Tgt Ion:232 Resp: 52049

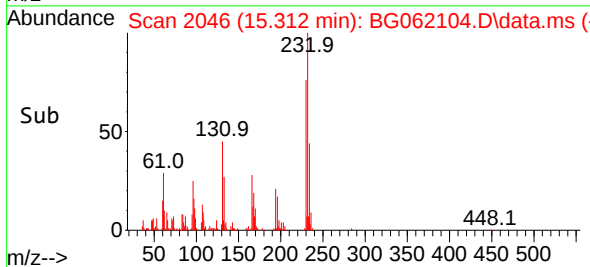
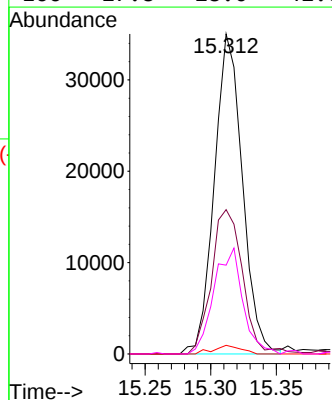
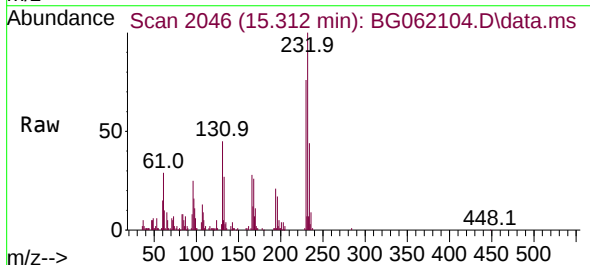
Ion Ratio Lower Upper

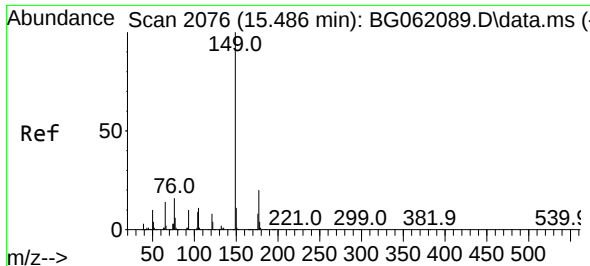
232 100

131 45.1 35.8 53.8

130 2.7 2.0 3.0

166 27.8 28.0 42.0#

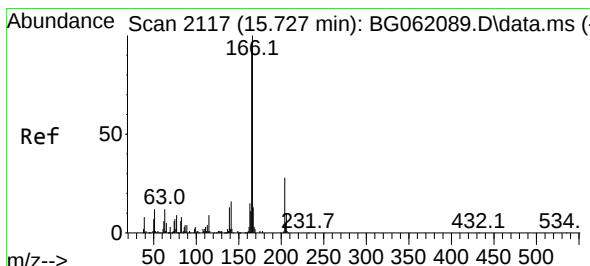
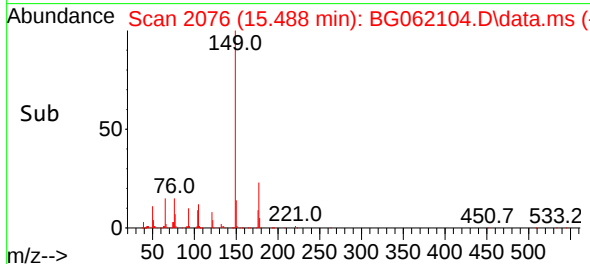
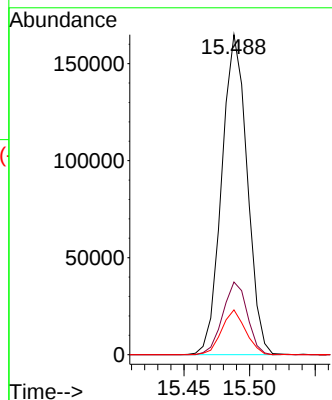
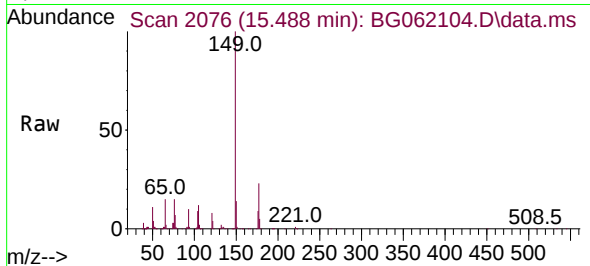




#59
Diethylphthalate
Concen: 21.044 ng/ul
RT: 15.488 min Scan# 2076
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

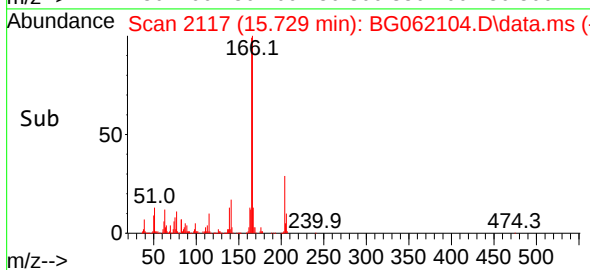
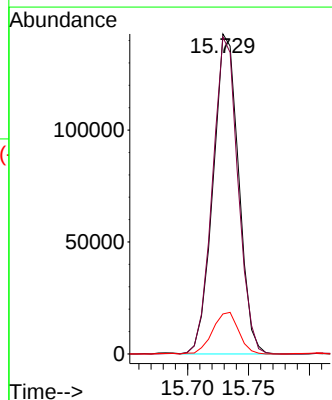
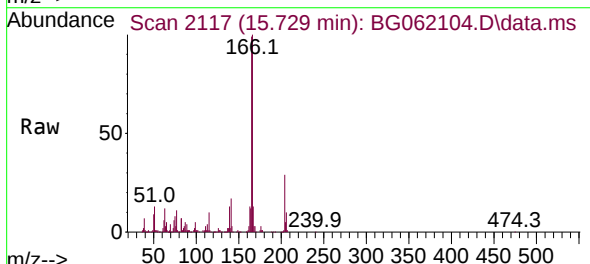
Instrument :
BNA_G
ClientSampleId :

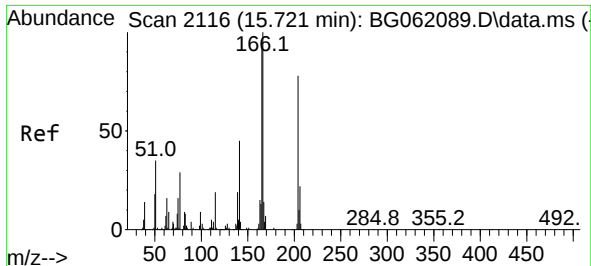
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	16.3	24.5
150	14.0	9.6	14.4



#61
Fluorene
Concen: 21.404 ng/ul
RT: 15.729 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	12.5	10.4	15.6

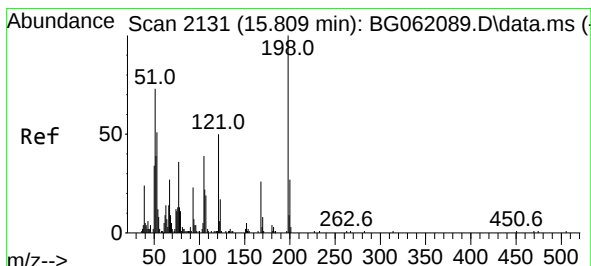
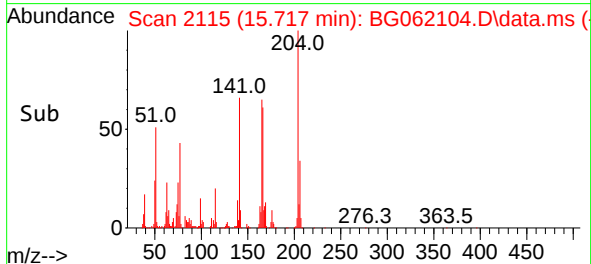
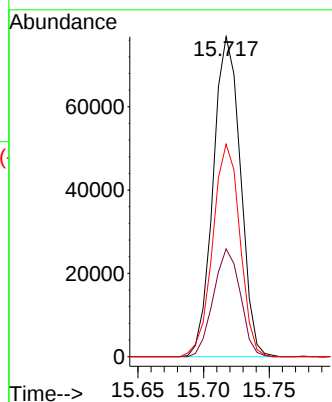
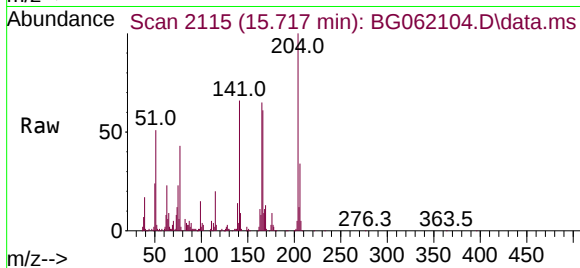




#62
4-Chlorophenyl-phenylether
Concen: 22.744 ng/ul
RT: 15.717 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

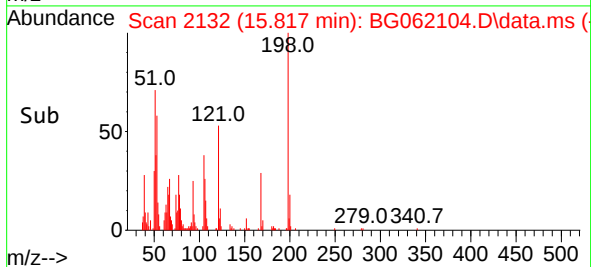
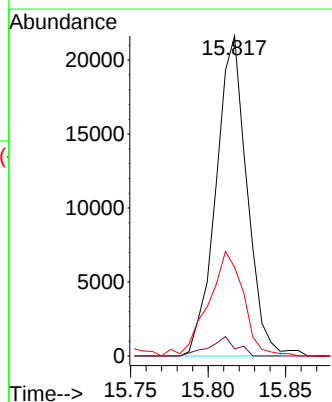
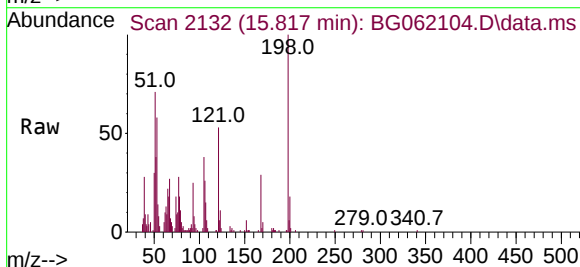
Instrument :
BNA_G
ClientSampleId :

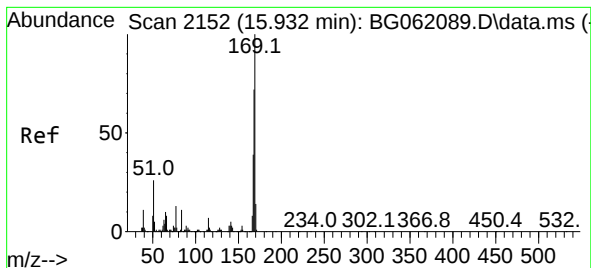
Tgt Ion:204 Resp: 111016
Ion Ratio Lower Upper
204 100
206 33.7 24.5 36.7
141 66.4 46.6 69.8



#66
4,6-Dinitro-2-methylphenol
Concen: 18.362 ng/ul
RT: 15.817 min Scan# 2132
Delta R.T. 0.008 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:198 Resp: 29967
Ion Ratio Lower Upper
198 100
182 2.2 3.6 5.4#
77 27.7 21.8 32.8





#67

N-Nitrosodiphenylamine

Concen: 19.546 ng/ul

RT: 15.935 min Scan# 2152

Delta R.T. 0.002 min

Lab File: BG062104.D

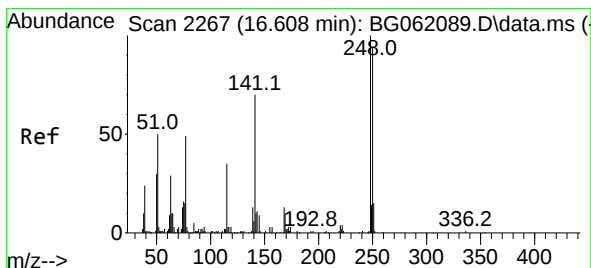
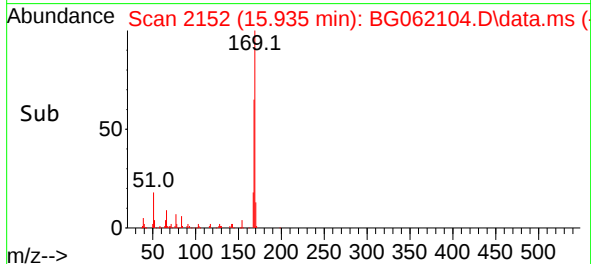
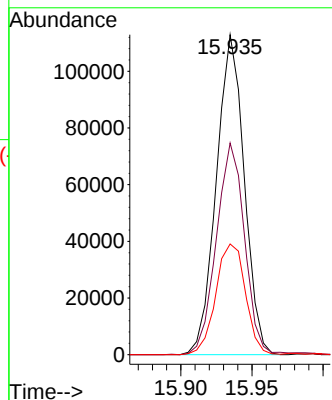
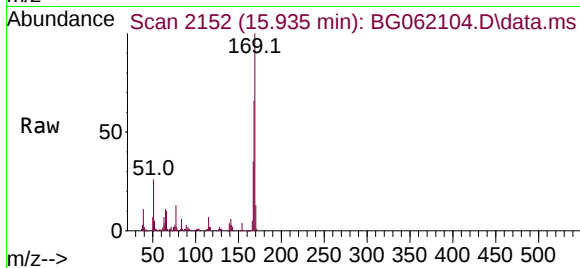
Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:169	Resp:	154131
Ion Ratio	Lower	Upper
169	100	
168	66.1	55.6 83.4
167	34.6	29.8 44.8



#68

4-Bromophenyl-phenylether

Concen: 24.008 ng/ul

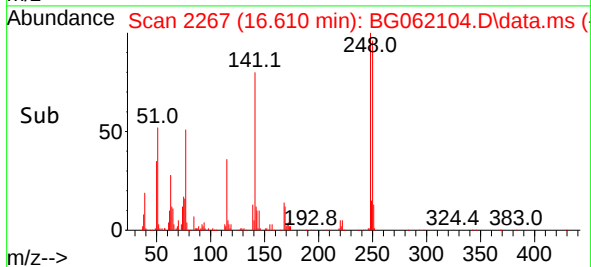
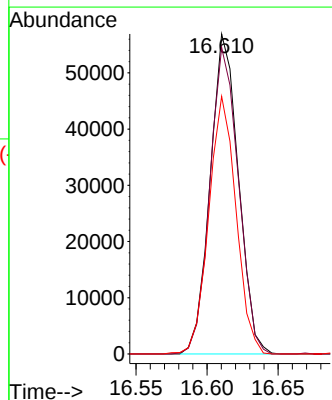
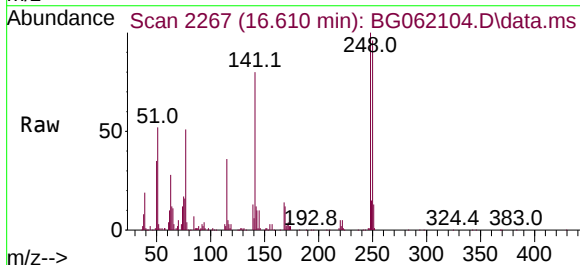
RT: 16.610 min Scan# 2267

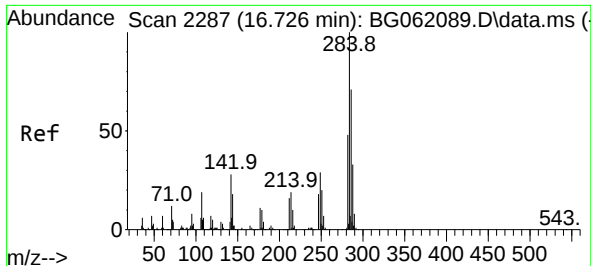
Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Tgt Ion:248	Resp:	78646
Ion Ratio	Lower	Upper
248	100	
250	95.7	77.2 115.8
141	80.5	57.8 86.8

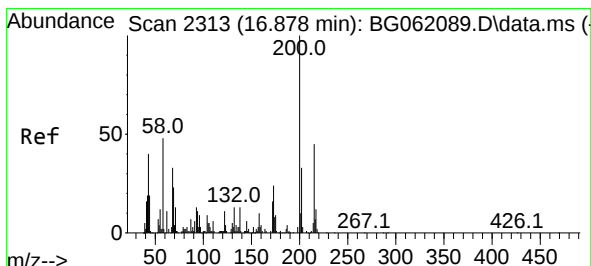
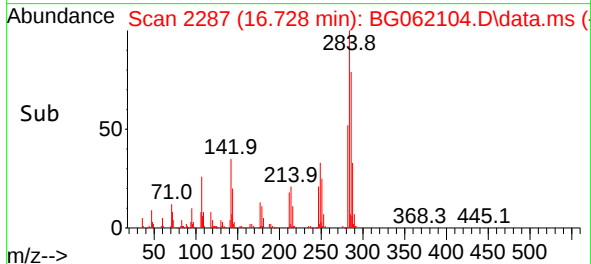
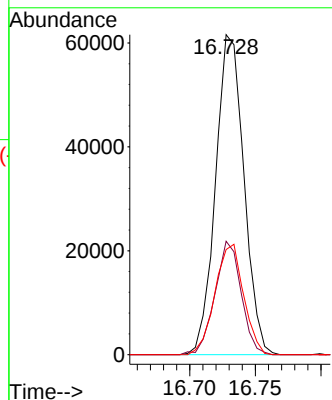
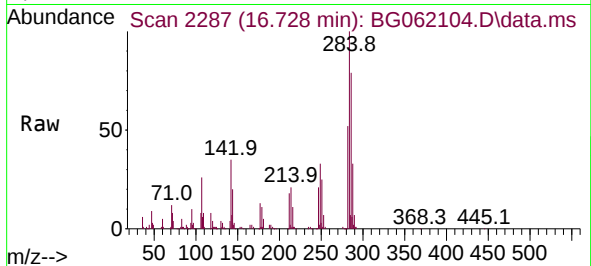




#69
Hexachlorobenzene
Concen: 24.570 ng/ul
RT: 16.728 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

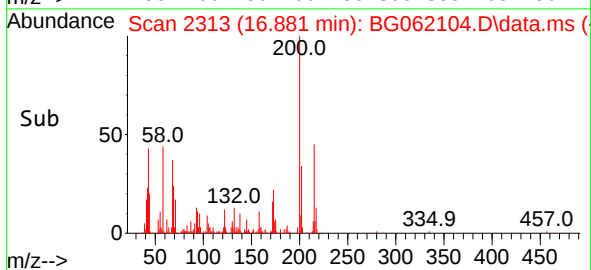
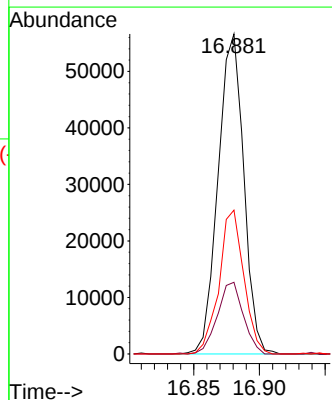
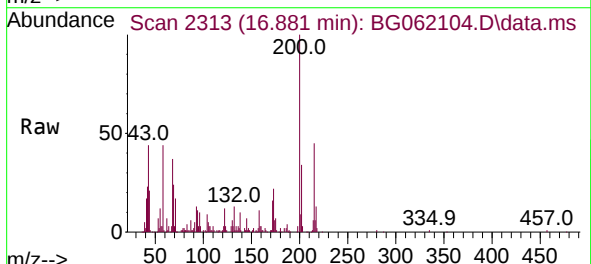
Instrument :
BNA_G
ClientSampleId :

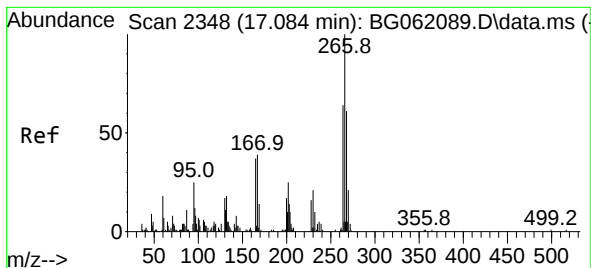
Tgt Ion:284 Resp: 92550
Ion Ratio Lower Upper
284 100
142 35.4 26.4 39.6
249 32.8 27.2 40.8



#70
Atrazine
Concen: 24.728 ng/ul
RT: 16.881 min Scan# 2313
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:200 Resp: 76975
Ion Ratio Lower Upper
200 100
173 22.4 18.7 28.1
215 45.0 37.8 56.6





#71

Pentachlorophenol

Concen: 18.249 ng/ul

RT: 17.080 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

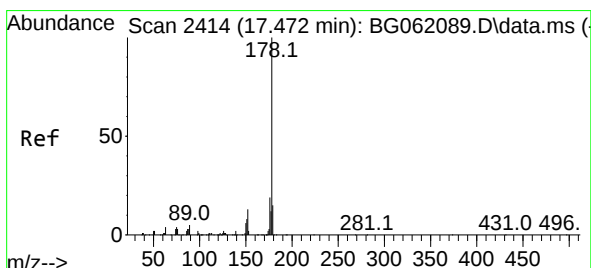
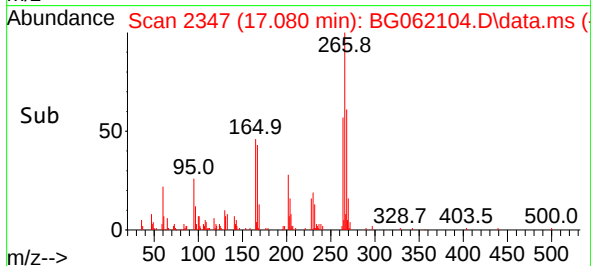
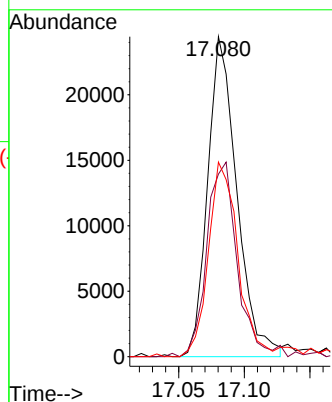
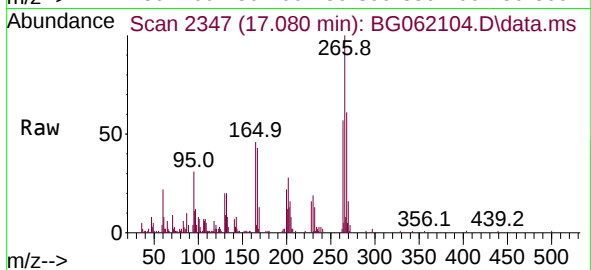
Tgt Ion:266 Resp: 37783

Ion Ratio Lower Upper

266 100

264 62.1 45.0 67.6

268 60.8 50.5 75.7



#72

Phenanthrene

Concen: 20.367 ng/ul

RT: 17.474 min Scan# 2414

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

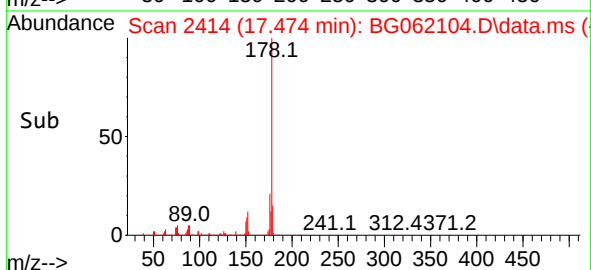
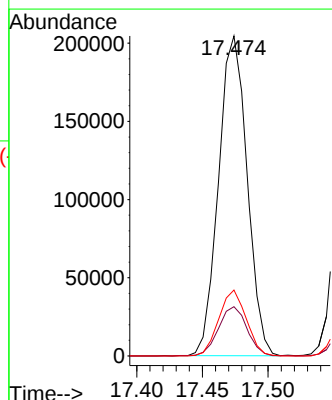
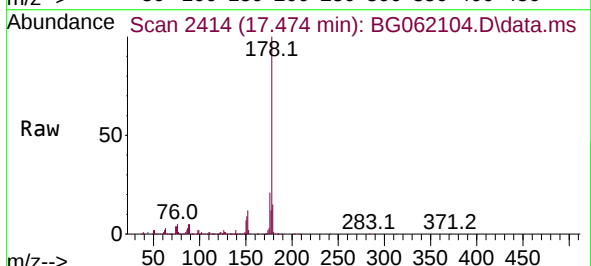
Tgt Ion:178 Resp: 310087

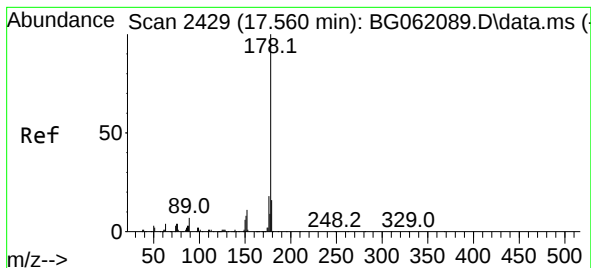
Ion Ratio Lower Upper

178 100

179 15.4 11.9 17.9

176 20.6 15.5 23.3





#74

Anthracene

Concen: 21.554 ng/ul

RT: 17.562 min Scan# 2429

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

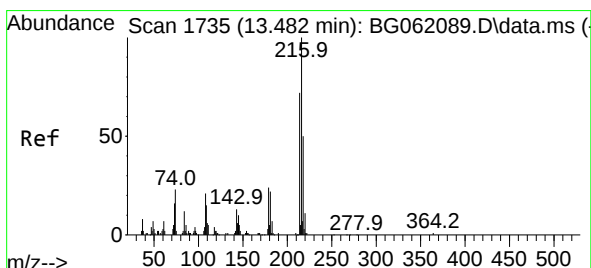
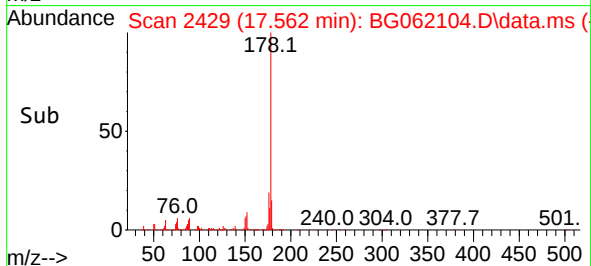
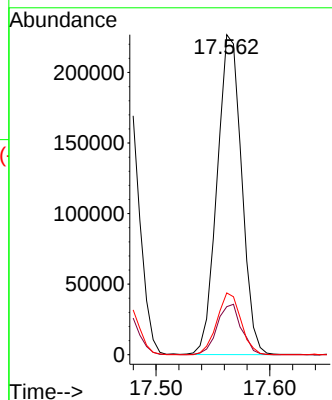
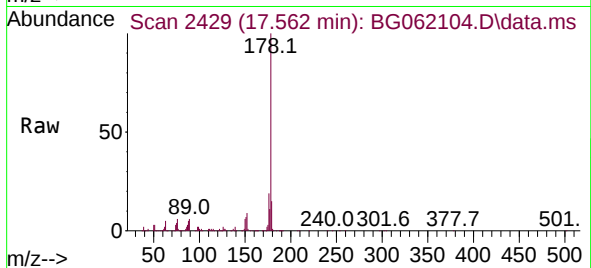
Tgt Ion:178 Resp: 339131

Ion Ratio Lower Upper

178 100

179 15.0 11.9 17.9

176 19.3 14.7 22.1



#75

1,2,3,4-Tetrachlorobenzene

Concen: 25.665 ng/ul

RT: 13.490 min Scan# 1736

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

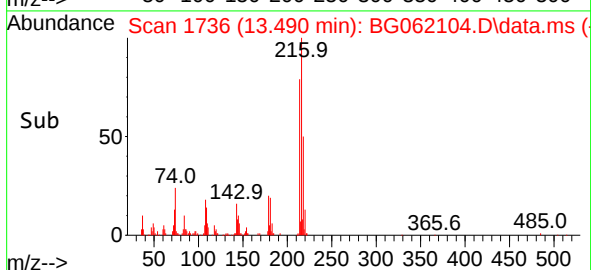
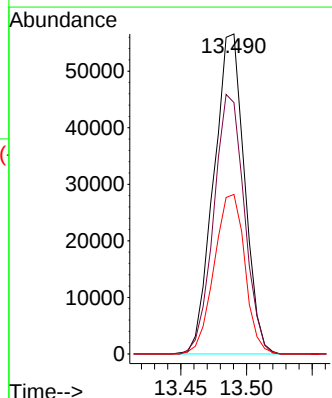
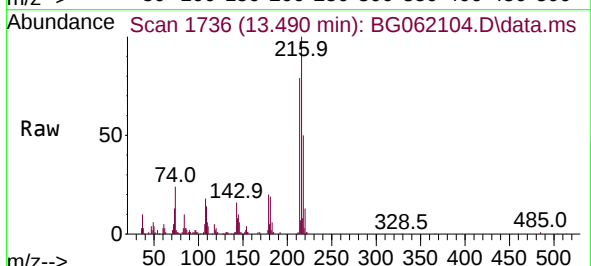
Tgt Ion:216 Resp: 92041

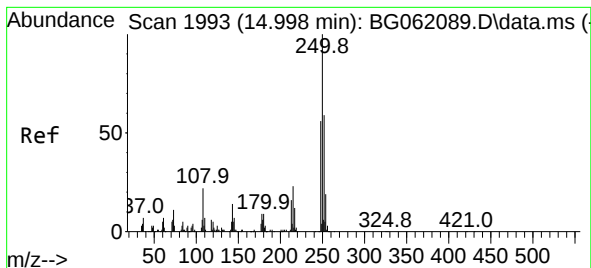
Ion Ratio Lower Upper

216 100

214 78.5 61.7 92.5

218 49.9 35.7 53.5





#76

Pentachlorobenzene

Concen: 25.549 ng/ul

RT: 15.000 min Scan# 1993

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

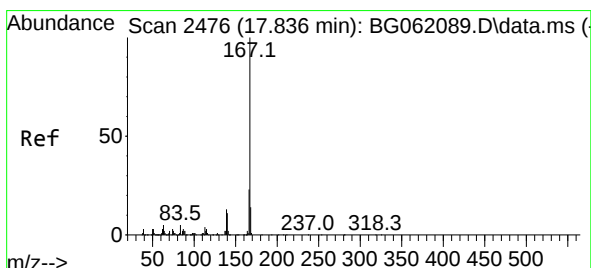
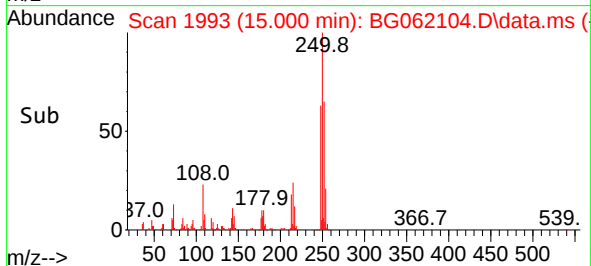
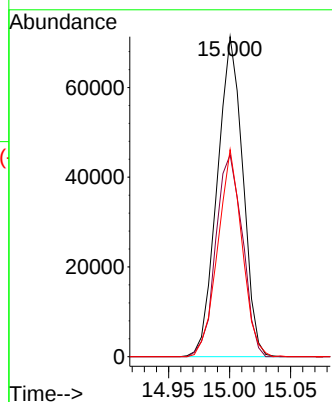
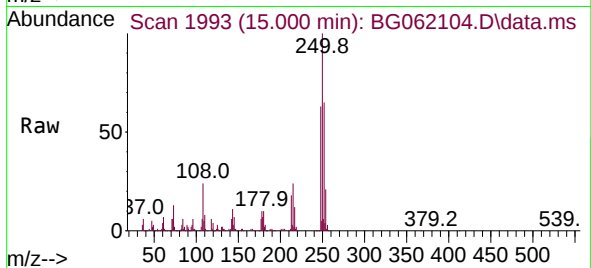
Tgt Ion:250 Resp: 104505

Ion Ratio Lower Upper

250 100

248 63.1 47.5 71.3

252 64.7 50.0 75.0



#77

Carbazole

Concen: 22.173 ng/ul

RT: 17.838 min Scan# 2476

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

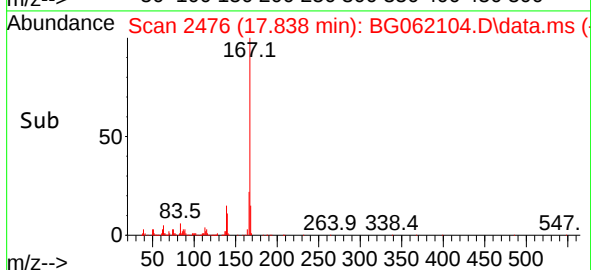
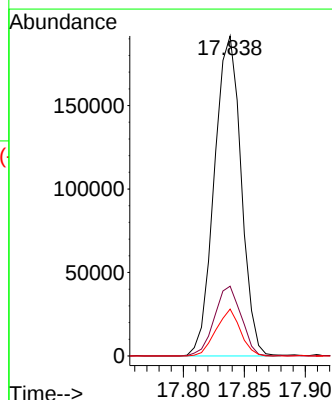
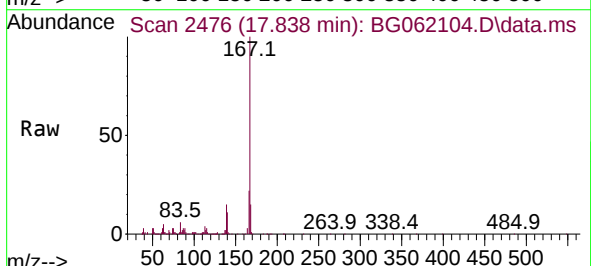
Tgt Ion:167 Resp: 293608

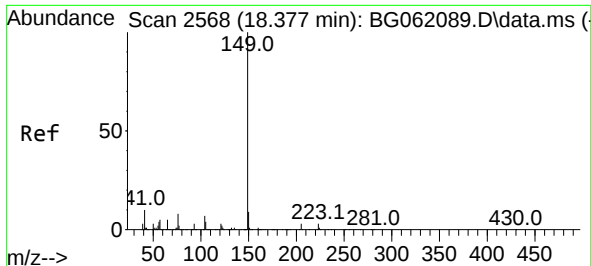
Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

139 14.6 9.6 14.4#

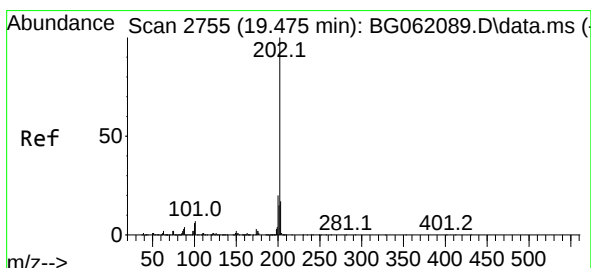
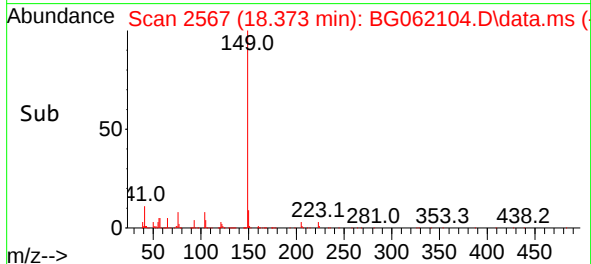
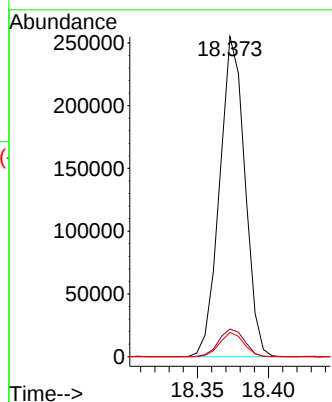
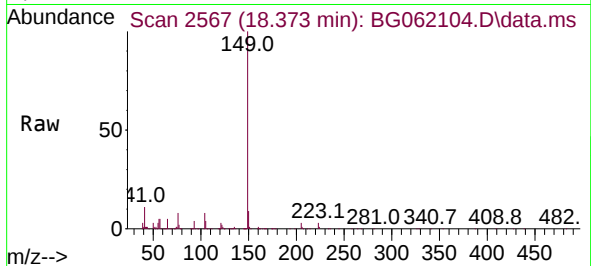




#78
Di-n-butylphthalate
Concen: 18.518 ng/ul
RT: 18.373 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

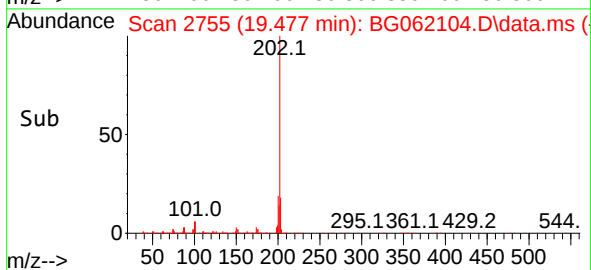
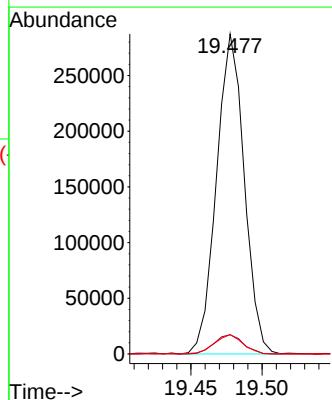
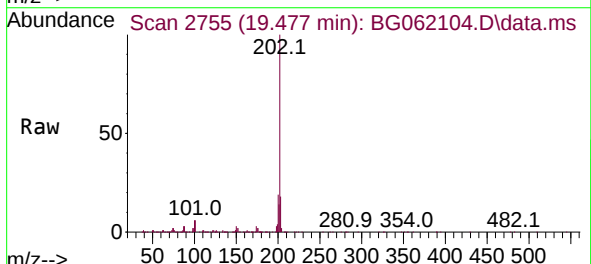
Instrument :
BNA_G
ClientSampleId :

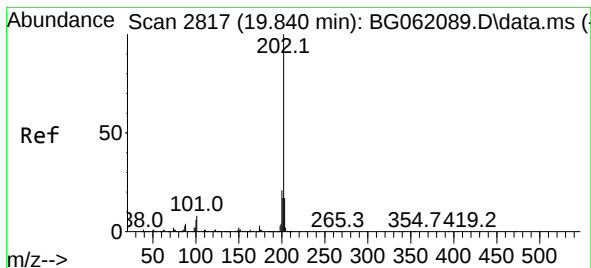
Tgt Ion:149 Resp: 314827
Ion Ratio Lower Upper
149 100
150 8.6 7.5 11.3
104 7.6 5.0 7.4#



#80
Fluoranthene
Concen: 20.466 ng/ul
RT: 19.477 min Scan# 2755
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:202 Resp: 389819
Ion Ratio Lower Upper
202 100
101 6.0 7.4 11.2#
100 6.0 6.6 10.0#





#82

Pyrene

Concen: 20.098 ng/ul

RT: 19.842 min Scan# 2817

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

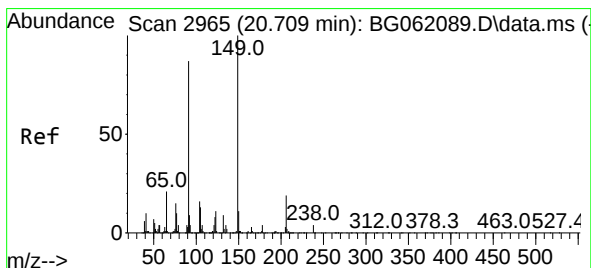
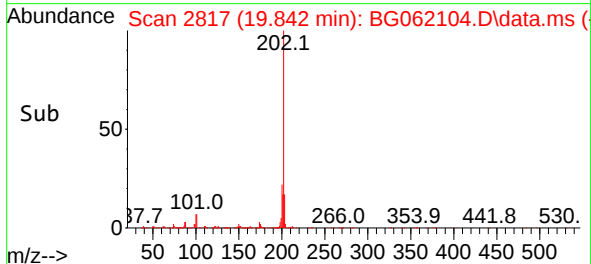
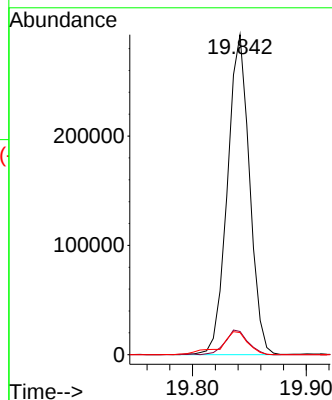
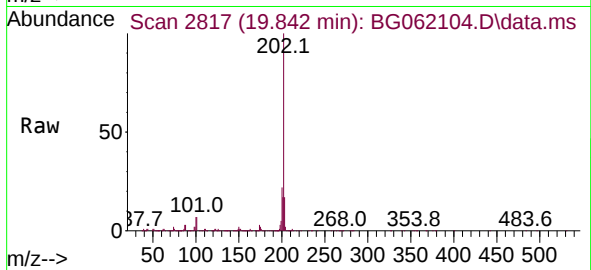
Tgt Ion:202 Resp: 395437

Ion Ratio Lower Upper

202 100

101 7.3 8.8 13.2#

100 6.9 7.6 11.4#



#83

Butylbenzylphthalate

Concen: 16.812 ng/ul

RT: 20.711 min Scan# 2965

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

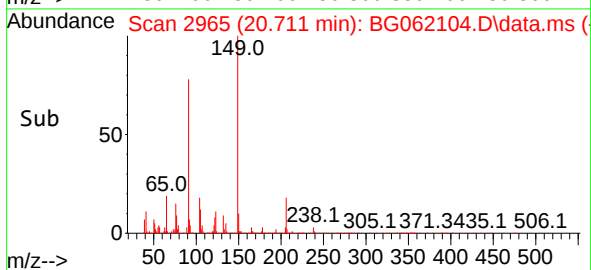
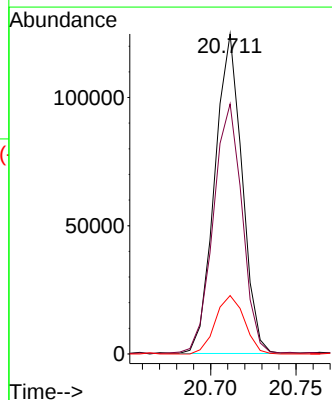
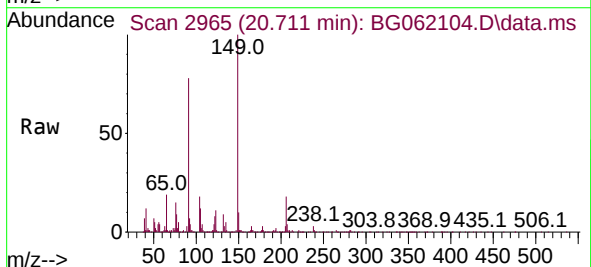
Tgt Ion:149 Resp: 138821

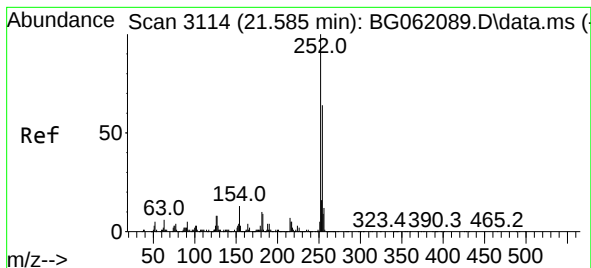
Ion Ratio Lower Upper

149 100

91 78.2 60.6 91.0

206 18.2 14.6 21.8





#84

3,3'-Dichlorobenzidine

Concen: 23.390 ng/ul

RT: 21.587 min Scan# 3114

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

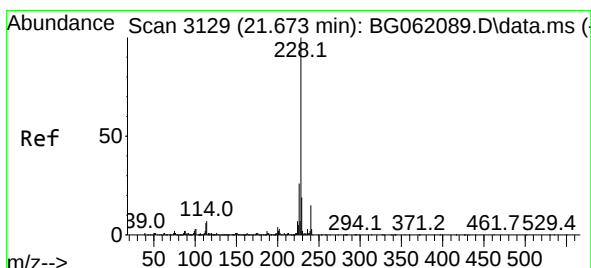
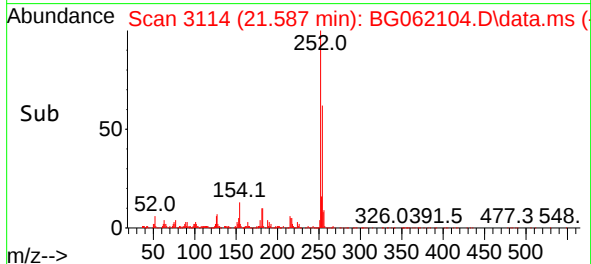
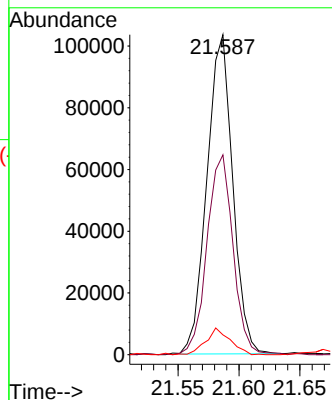
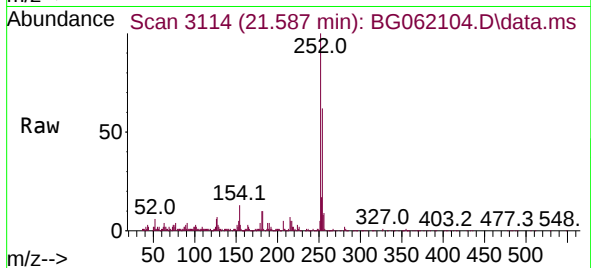
Tgt Ion:252 Resp: 152262

Ion Ratio Lower Upper

252 100

254 62.4 52.8 79.2

126 6.2 6.6 10.0#



#85

Benzo(a)anthracene

Concen: 20.198 ng/ul

RT: 21.675 min Scan# 3129

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

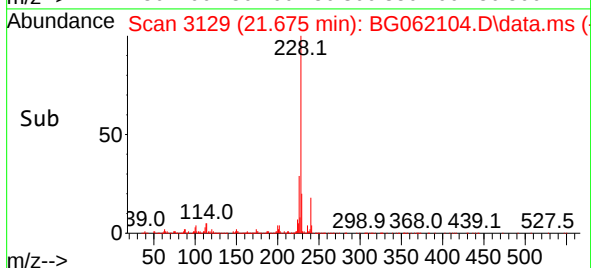
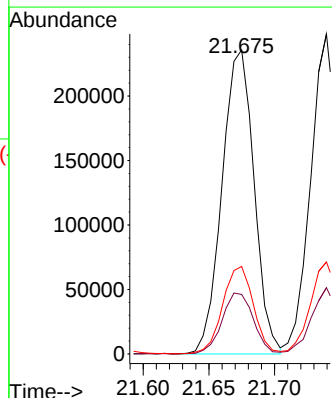
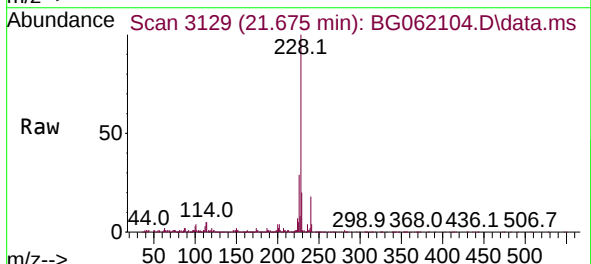
Tgt Ion:228 Resp: 400155

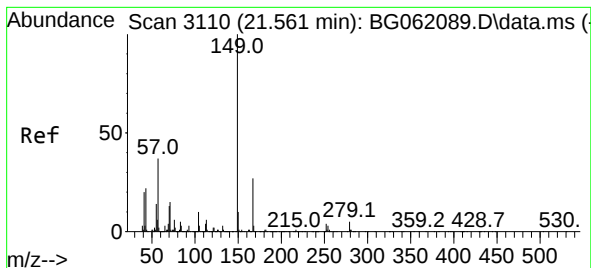
Ion Ratio Lower Upper

228 100

229 19.6 15.7 23.5

226 28.8 21.7 32.5

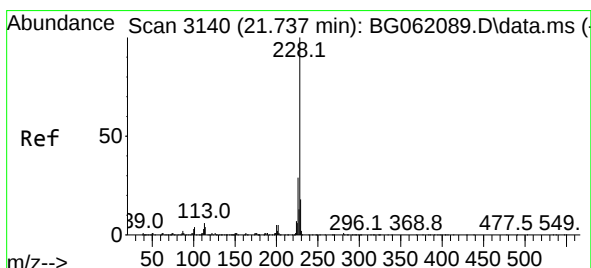
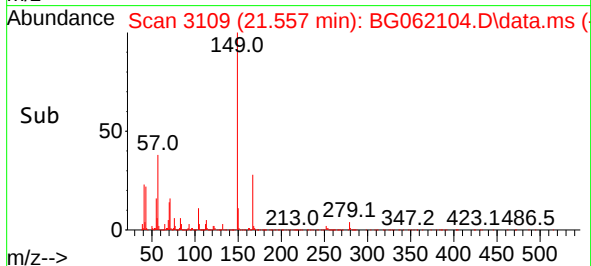
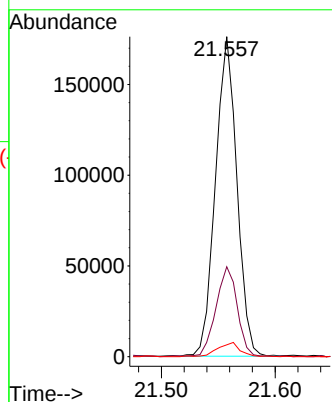
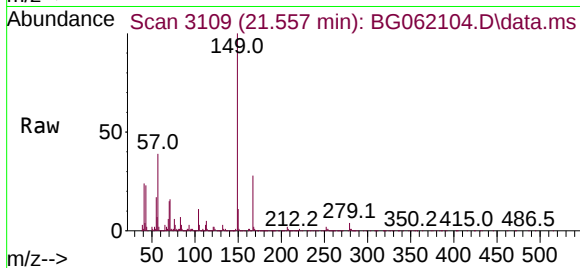




#86
Bis(2-ethylhexyl)phthalate
Concen: 19.471 ng/ul
RT: 21.557 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

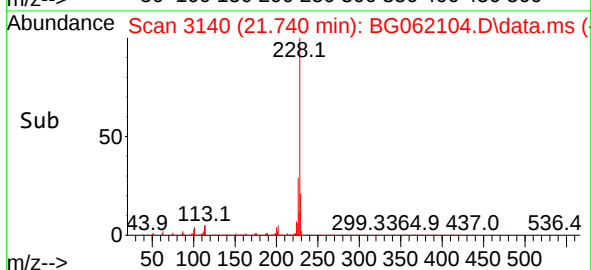
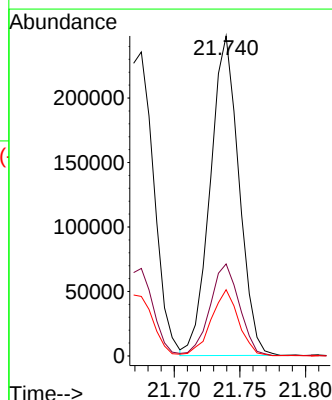
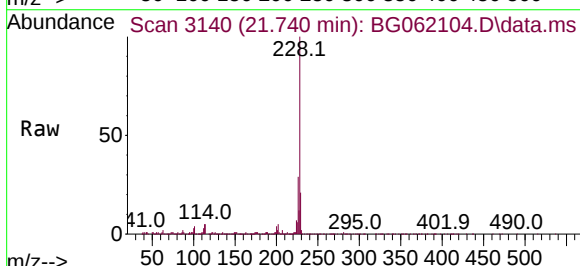
Instrument :
BNA_G
ClientSampleId :

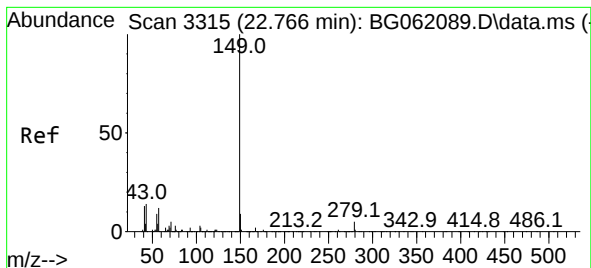
Tgt Ion:149 Resp: 230711
Ion Ratio Lower Upper
149 100
167 28.1 21.7 32.5
279 3.7 2.8 4.2



#87
Chrysene
Concen: 20.321 ng/ul
RT: 21.740 min Scan# 3140
Delta R.T. 0.002 min
Lab File: BG062104.D
Acq: 16 Jul 2024 22:25

Tgt Ion:228 Resp: 376891
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 20.7 15.5 23.3





#89

Di-n-octyl phthalate

Concen: 19.373 ng/ul

RT: 22.768 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG062104.D

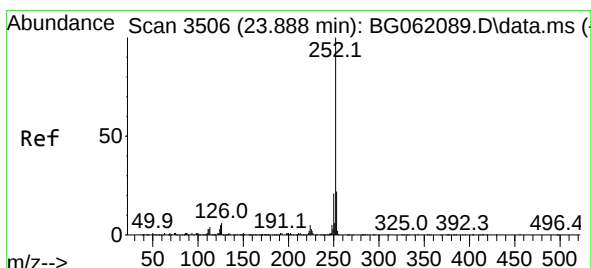
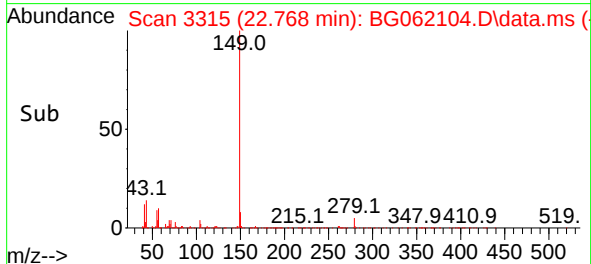
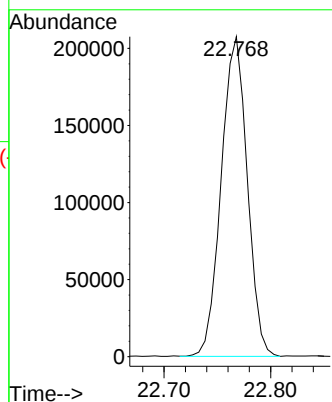
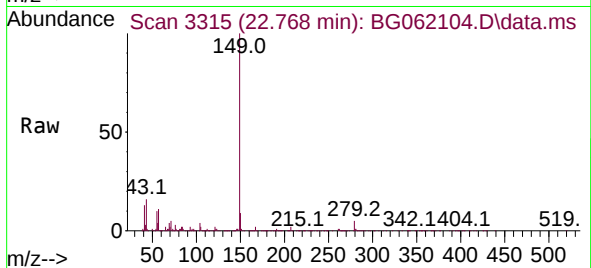
Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:149 Resp: 351293



#90

Benzo(b)fluoranthene

Concen: 22.324 ng/ul

RT: 23.890 min Scan# 3506

Delta R.T. 0.002 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

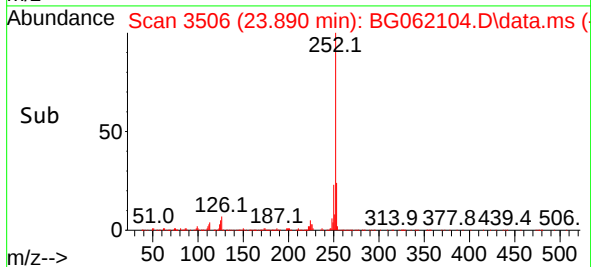
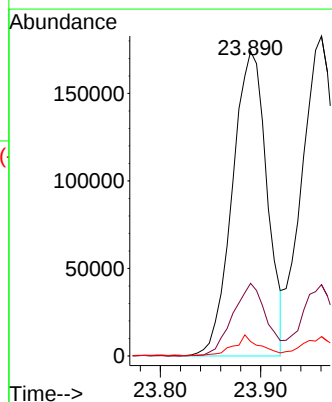
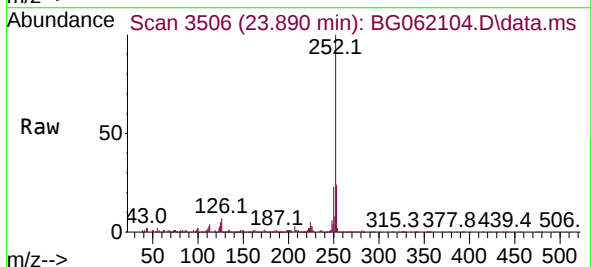
Tgt Ion:252 Resp: 417472

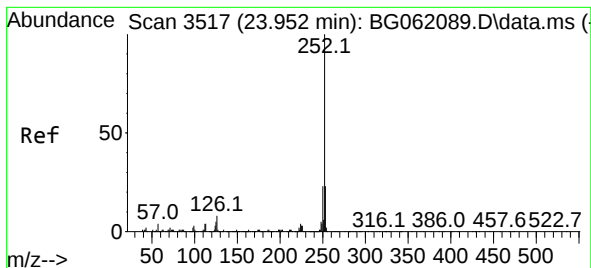
Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

125 4.7 6.1 9.1#





#91

Benzo(k)fluoranthene

Concen: 23.545 ng/u1

RT: 23.960 min Scan# 3

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

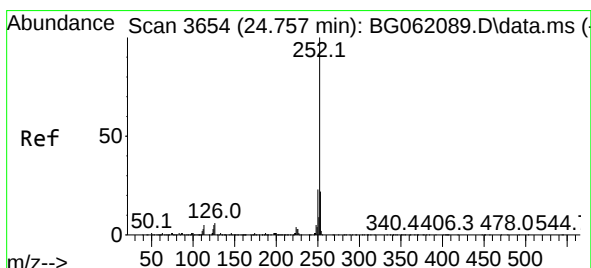
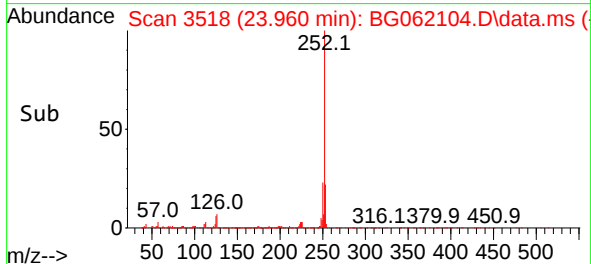
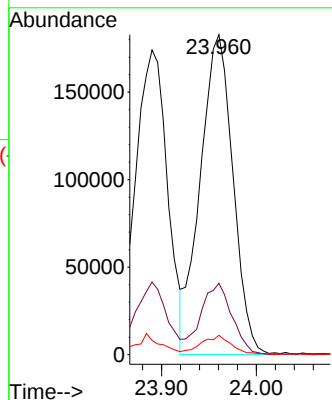
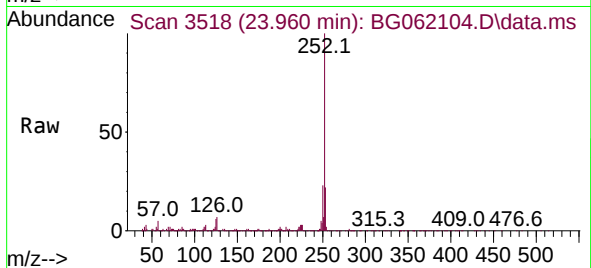
Tgt Ion:252 Resp: 439064

Ion Ratio Lower Upper

252 100

253 22.3 19.3 28.9

125 6.1 6.3 9.5#



#93

Benzo(a)pyrene

Concen: 19.479 ng/u1

RT: 24.765 min Scan# 3655

Delta R.T. 0.008 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

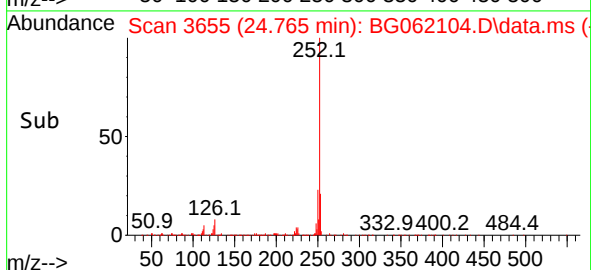
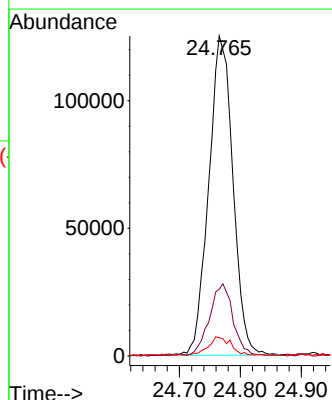
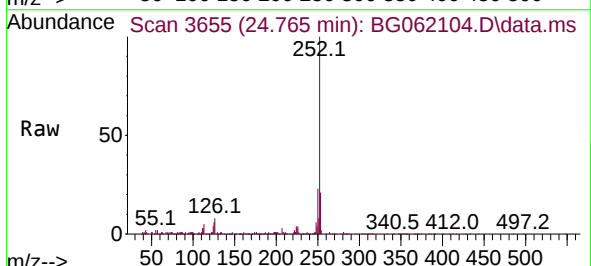
Tgt Ion:252 Resp: 344943

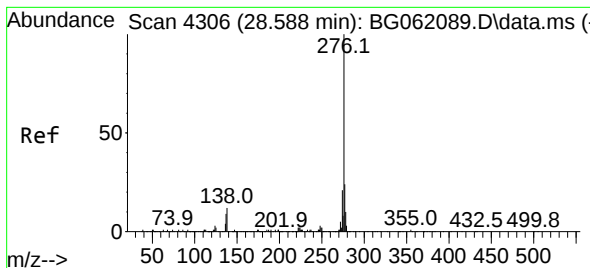
Ion Ratio Lower Upper

252 100

253 20.9 16.5 24.7

125 5.7 7.4 11.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.600 ng/ul

RT: 28.602 min Scan# 4308

Delta R.T. 0.014 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :

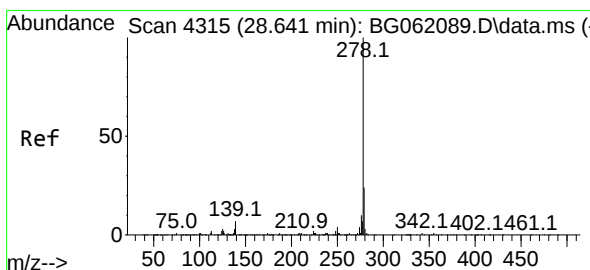
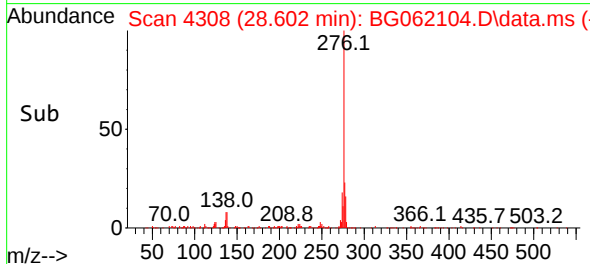
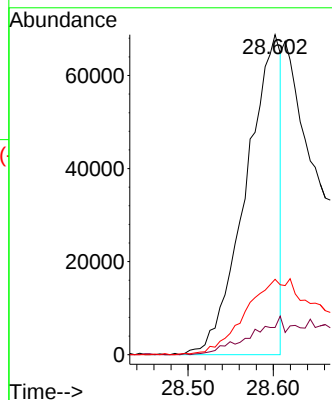
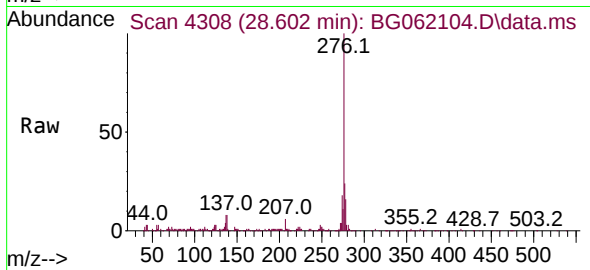
Tgt Ion:276 Resp: 194609

Ion Ratio Lower Upper

276 100

138 8.5 11.9 17.9#

277 23.6 19.3 28.9



#95

Dibenzo(a,h)anthracene

Concen: 19.504 ng/ul

RT: 28.661 min Scan# 4318

Delta R.T. 0.020 min

Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

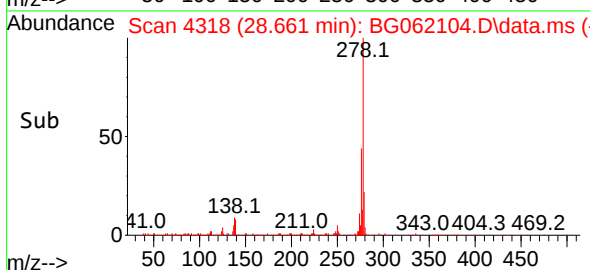
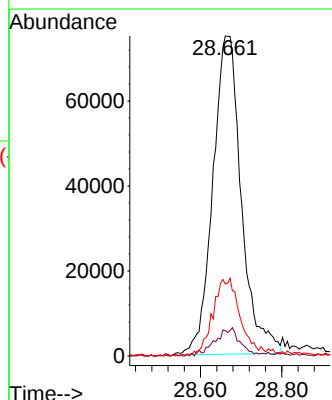
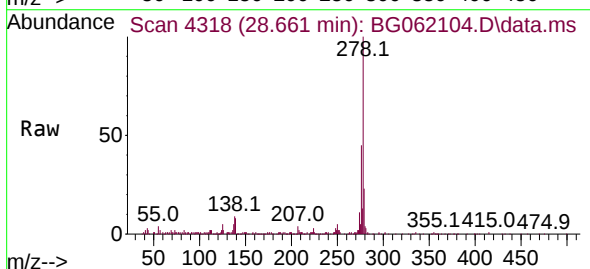
Tgt Ion:278 Resp: 364519

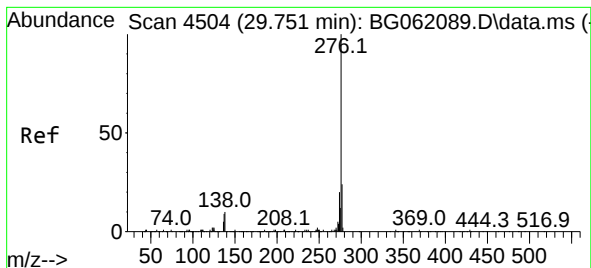
Ion Ratio Lower Upper

278 100

139 7.9 7.6 11.4

279 22.5 18.8 28.2





#96

Benzo(g,h,i)perylene

Concen: 20.562 ng/ul

RT: 29.760 min Scan# 4

Delta R.T. 0.008 min

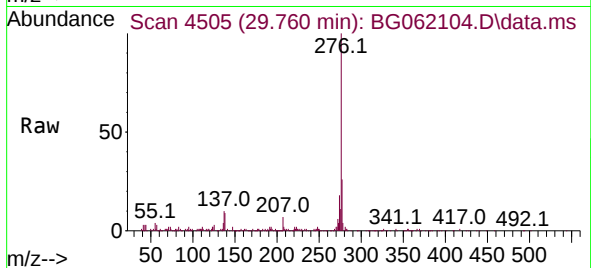
Lab File: BG062104.D

Acq: 16 Jul 2024 22:25

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:276 Resp: 370177

Ion Ratio Lower Upper

276 100

138 8.8 11.1 16.7#

277 25.7 18.8 28.2

