

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040725\
 Data File : BG064201.D
 Acq On : 7 Apr 2025 12:20
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Quant Time: Apr 07 16:56:05 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 07 16:48:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	34260	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	160806	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	115648	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	246592	20.000	ng	0.00
76) Chrysene-d12	21.457	240	256013	20.000	ng	0.00
86) Perylene-d12	24.465	264	275545	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	210943	99.422	ng	0.00
7) Phenol-d6	7.027	99	306903	101.736	ng	0.00
23) Nitrobenzene-d5	9.013	82	325111	101.157	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	150438	96.821	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	765000	96.109	ng	0.00
79) Terphenyl-d14	19.841	244	1248506	97.438	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	38901	46.108	ng	92
3) Pyridine	3.760	79	110326m	48.975	ng	
4) n-Nitrosodimethylamine	3.672	42	84100	49.158	ng	96
6) Aniline	7.186	93	137031	48.964	ng	99
8) 2-Chlorophenol	7.426	128	121623	51.075	ng	98
9) Benzaldehyde	6.997	77	70278m	41.109	ng	
10) Phenol	7.056	94	150540	50.176	ng	99
11) bis(2-Chloroethyl)ether	7.285	93	113191	48.892	ng	97
12) 1,3-Dichlorobenzene	7.750	146	128214	49.599	ng	97
13) 1,4-Dichlorobenzene	7.896	146	128306	49.279	ng	98
14) 1,2-Dichlorobenzene	8.208	146	128657	49.762	ng	97
15) Benzyl Alcohol	8.096	79	135002	51.311	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	256706	49.627	ng	98
17) 2-Methylphenol	8.296	107	109283	50.467	ng	94
18) Hexachloroethane	8.936	117	50579	49.858	ng	92
19) n-Nitroso-di-n-propyla...	8.666	70	111326	49.000	ng	96
20) 3+4-Methylphenols	8.625	107	150663	49.425	ng	97
22) Acetophenone	8.672	105	216666	49.207	ng	# 95
24) Nitrobenzene	9.054	77	161423	50.312	ng	97
25) Isophorone	9.577	82	289970	49.092	ng	100
26) 2-Nitrophenol	9.759	139	68189	50.516	ng	98
27) 2,4-Dimethylphenol	9.824	122	91919	50.355	ng	95
28) bis(2-Chloroethoxy)met...	10.059	93	170785	50.197	ng	98
29) 2,4-Dichlorophenol	10.294	162	121017	50.224	ng	98
30) 1,2,4-Trichlorobenzene	10.511	180	135698	50.954	ng	97
31) Naphthalene	10.699	128	431302	49.359	ng	98
32) Benzoic acid	9.988	122	100665m	52.738	ng	
33) 4-Chloroaniline	10.805	127	162273	51.125	ng	99
34) Hexachlorobutadiene	10.987	225	92745	49.916	ng	97
35) Caprolactam	11.569	113	45713	50.308	ng	# 88
36) 4-Chloro-3-methylphenol	11.927	107	158717	49.212	ng	99
37) 2-Methylnaphthalene	12.303	142	310510	48.639	ng	97
38) 1-Methylnaphthalene	12.526	142	307521	48.626	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.673	216	165783	48.353	ng	97
41) Hexachlorocyclopentadiene	12.661	237	64918	52.668	ng	93
43) 2,4,6-Trichlorophenol	12.914	196	108420	49.776	ng	95

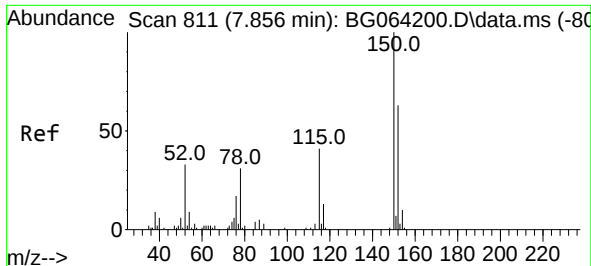
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.985	196	119998	48.854	ng	99
46) 1,1'-Biphenyl	13.320	154	434690	48.329	ng	100
47) 2-Chloronaphthalene	13.355	162	311541	48.052	ng	99
48) 2-Nitroaniline	13.560	65	120546	50.792	ng	96
49) Acenaphthylene	14.207	152	494615	48.558	ng	97
50) Dimethylphthalate	13.942	163	421648	47.496	ng	99
51) 2,6-Dinitrotoluene	14.054	165	91865	50.806	ng	91
52) Acenaphthene	14.547	154	326646	48.093	ng	97
53) 3-Nitroaniline	14.383	138	88133	49.347	ng	91
54) 2,4-Dinitrophenol	14.589	184	52646	47.135	ng	# 86
55) Dibenzofuran	14.882	168	529210	48.299	ng	98
56) 4-Nitrophenol	14.694	139	74730	51.695	ng	95
57) 2,4-Dinitrotoluene	14.841	165	128514	49.659	ng	93
58) Fluorene	15.529	166	413882	47.635	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.106	232	114880	48.332	ng	# 98
60) Diethylphthalate	15.311	149	447256	47.052	ng	96
61) 4-Chlorophenyl-phenyle...	15.529	204	202559	46.623	ng	98
62) 4-Nitroaniline	15.546	138	94152	51.957	ng	97
63) Azobenzene	15.822	77	450528	48.393	ng	98
65) 4,6-Dinitro-2-methylph...	15.605	198	78006	53.656	ng	97
66) n-Nitrosodiphenylamine	15.740	169	353306	48.933	ng	95
67) 4-Bromophenyl-phenylether	16.422	248	135170	48.927	ng	96
68) Hexachlorobenzene	16.533	284	145522	48.778	ng	95
69) Atrazine	16.686	200	50760	24.788	ng	99
70) Pentachlorophenol	16.874	266	101011	53.729	ng	97
71) Phenanthrene	17.268	178	649364	48.787	ng	99
72) Anthracene	17.356	178	653403	49.275	ng	99
73) Carbazole	17.626	167	600893	49.674	ng	99
74) Di-n-butylphthalate	18.196	149	759773	49.931	ng	100
75) Fluoranthene	19.277	202	787506	49.311	ng	99
77) Benzidine	19.459	184	229399	68.664	ng	99
78) Pyrene	19.636	202	807017	49.124	ng	99
80) Butylbenzylphthalate	20.535	149	342643	51.215	ng	95
81) Benzo(a)anthracene	21.439	228	821139	49.659	ng	100
82) 3,3'-Dichlorobenzidine	21.357	252	286315	51.171	ng	96
83) Chrysene	21.504	228	809072	49.850	ng	99
84) Bis(2-ethylhexyl)phtha...	21.369	149	505683	50.566	ng	100
85) Di-n-octyl phthalate	22.509	149	876501	50.621	ng	100
87) Indeno(1,2,3-cd)pyrene	27.873	276	949285	49.700	ng	# 98
88) Benzo(b)fluoranthene	23.519	252	833780	49.310	ng	97
89) Benzo(k)fluoranthene	23.584	252	837532	50.336	ng	98
90) Benzo(a)pyrene	24.330	252	751491	50.626	ng	100
91) Dibenzo(a,h)anthracene	27.932	278	792422	50.354	ng	97
92) Benzo(g,h,i)perylene	28.931	276	796154	50.046	ng	96

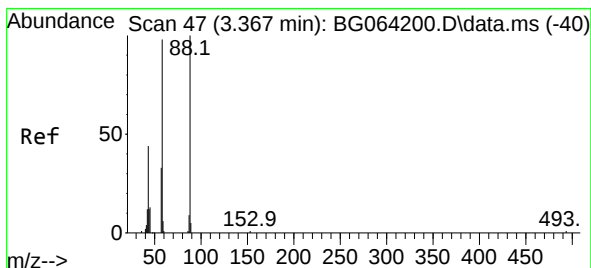
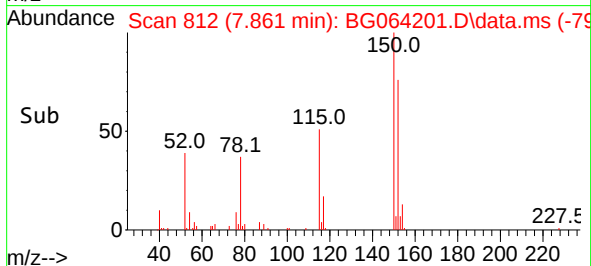
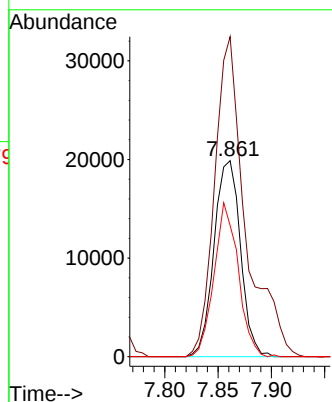
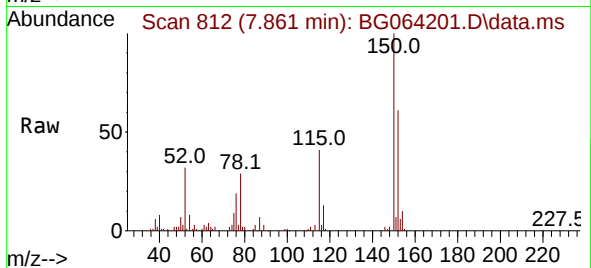
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 811
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

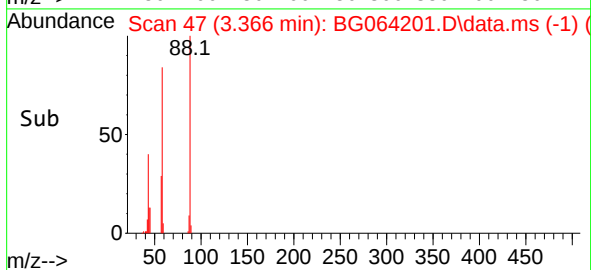
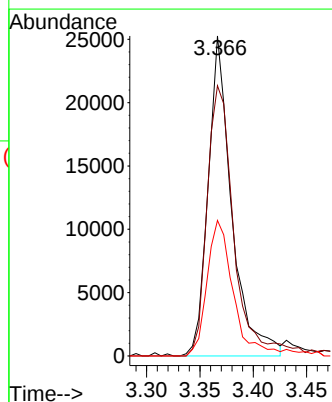
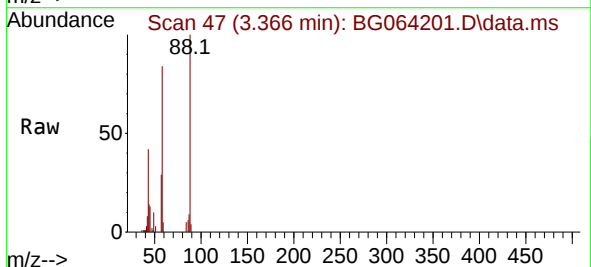
Instrument :
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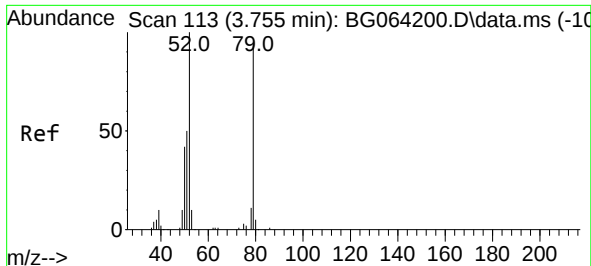
Tgt Ion:152 Resp: 34260
Ion Ratio Lower Upper
152 100
150 163.3 127.8 191.6
115 66.9 52.8 79.2



#2
1,4-Dioxane
Concen: 46.108 ng
RT: 3.366 min Scan# 47
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 88 Resp: 38901
Ion Ratio Lower Upper
88 100
58 97.9 71.5 107.3
43 48.5 36.0 54.0

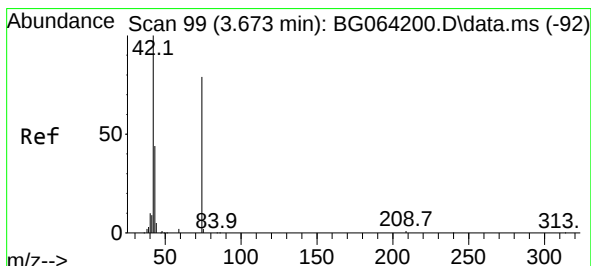
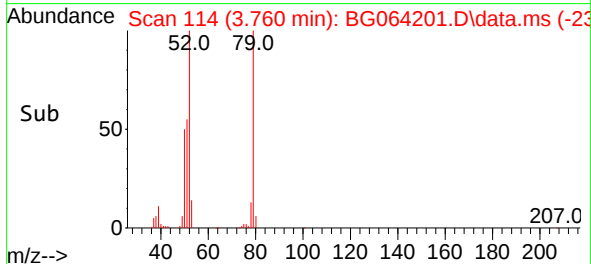
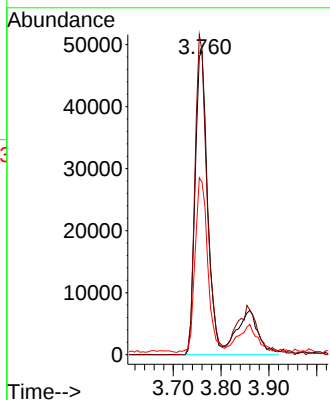
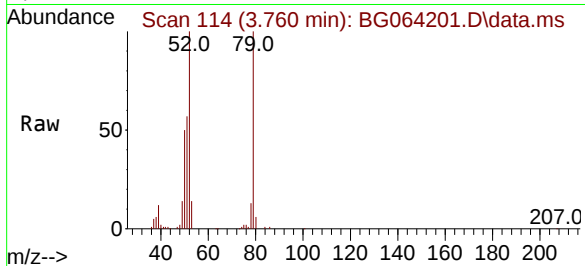




#3
Pyridine
Concen: 48.975 ng m
RT: 3.760 min Scan# 113
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

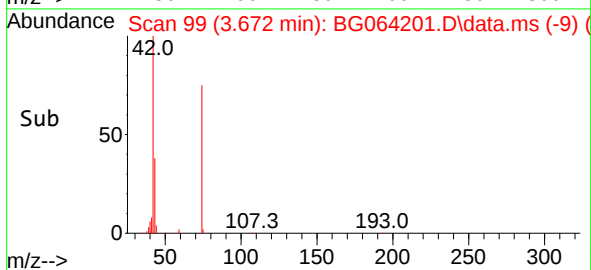
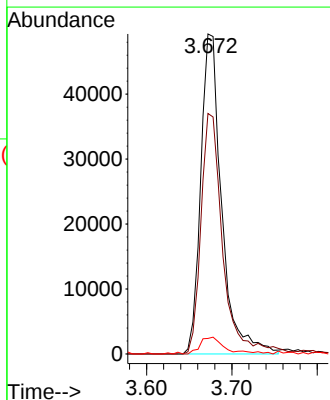
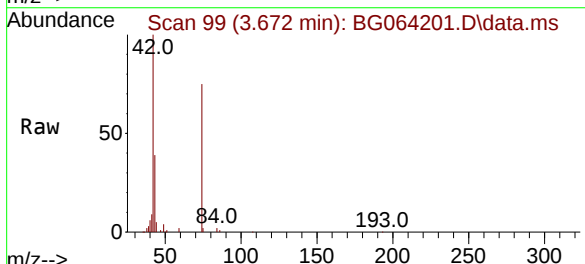
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ClientSampleId :
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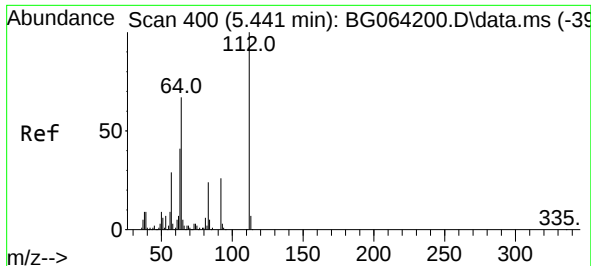
Tgt Ion: 79 Resp: 110326
Ion Ratio Lower Upper
79 100
52 100.2 85.0 127.6
51 56.9 43.7 65.5



#4
n-Nitrosodimethylamine
Concen: 49.158 ng
RT: 3.672 min Scan# 99
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 42 Resp: 84100
Ion Ratio Lower Upper
42 100
74 75.2 63.4 95.2
44 4.9 4.2 6.2

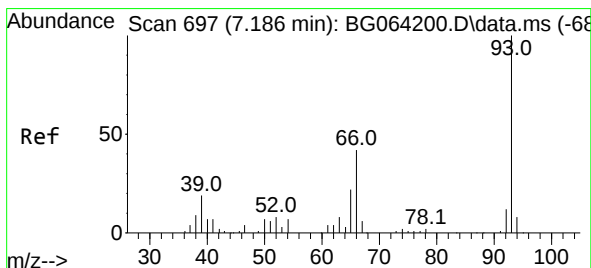
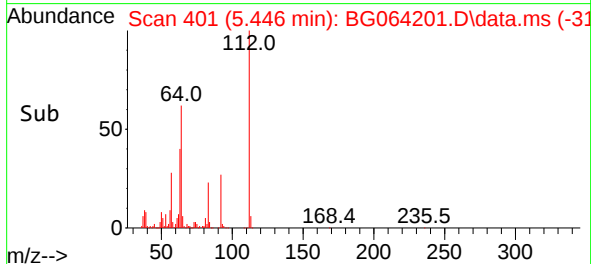
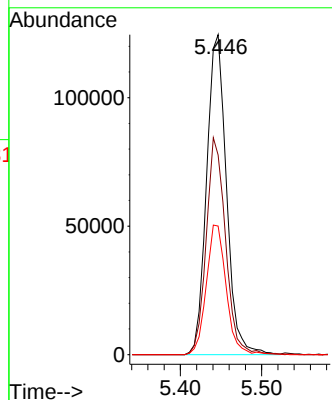
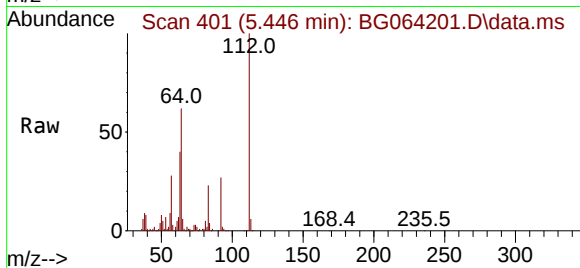




#5
2-Fluorophenol
Concen: 99.422 ng
RT: 5.446 min Scan# 400
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

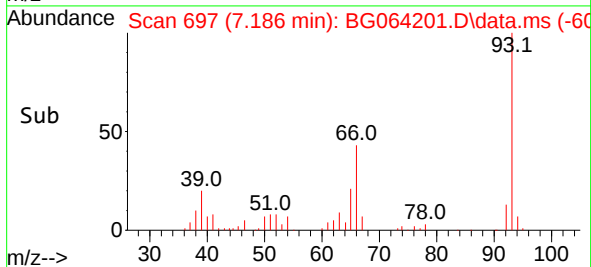
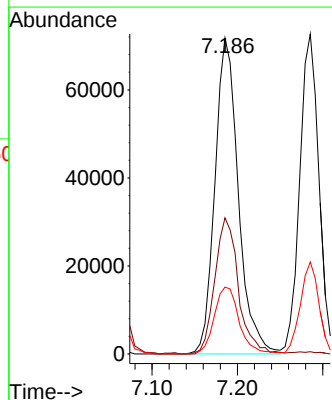
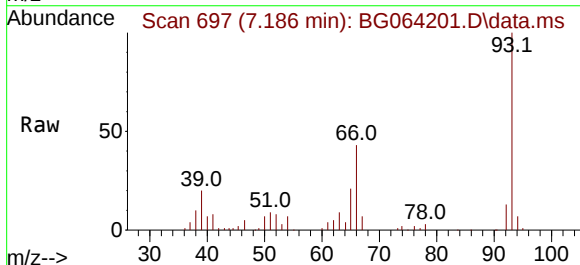
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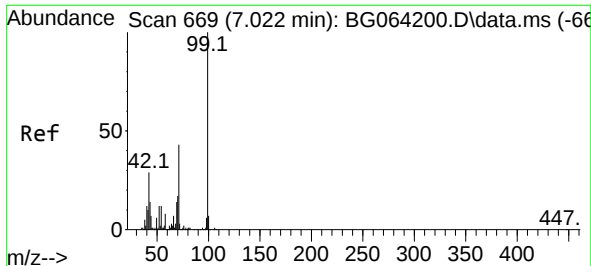
Tgt Ion:112 Resp: 210943
Ion Ratio Lower Upper
112 100
64 62.4 53.5 80.3
63 40.2 33.0 49.4



#6
Aniline
Concen: 48.964 ng
RT: 7.186 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 93 Resp: 137031
Ion Ratio Lower Upper
93 100
66 43.1 33.8 50.6
65 21.2 17.5 26.3

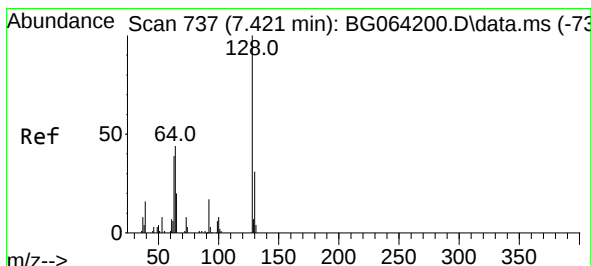
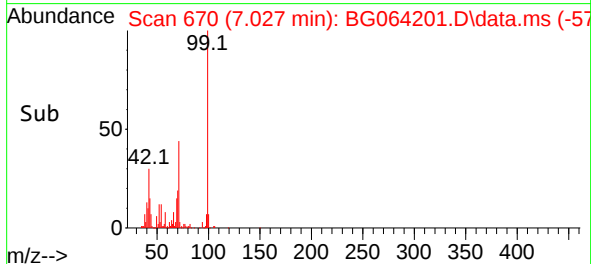
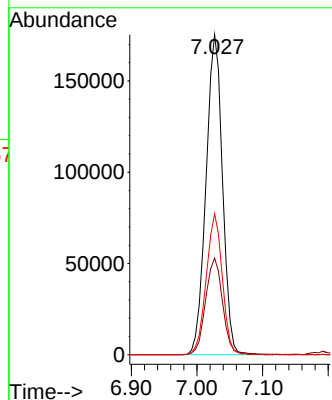
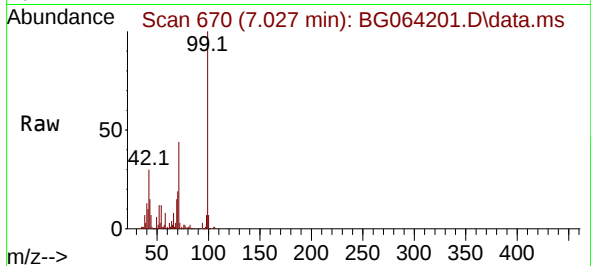




#7
Phenol-d6
Concen: 101.736 ng
RT: 7.027 min Scan# 61
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

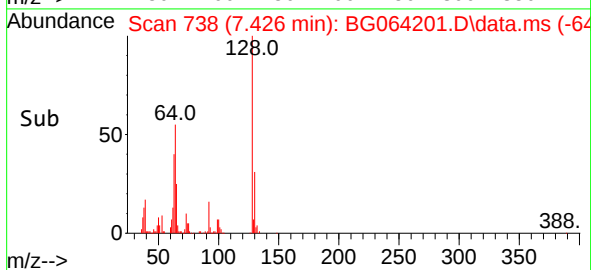
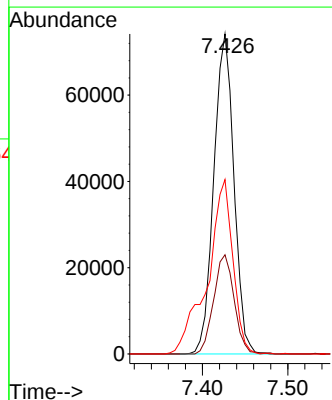
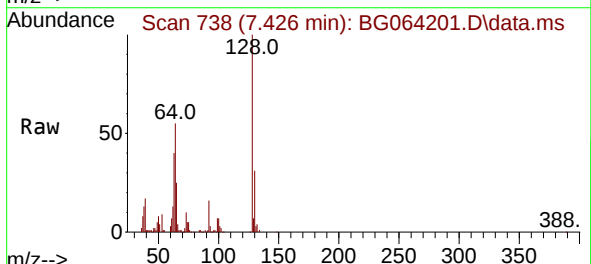
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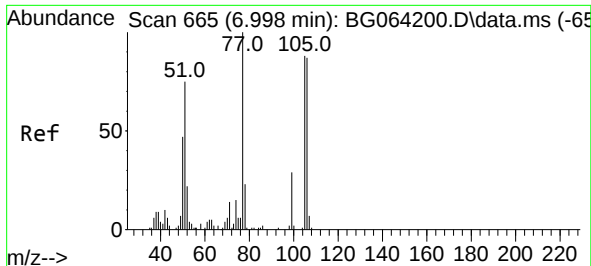
Tgt Ion: 99 Resp: 306903
Ion Ratio Lower Upper
99 100
42 30.2 22.9 34.3
71 44.1 34.4 51.6



#8
2-Chlorophenol
Concen: 51.075 ng
RT: 7.426 min Scan# 738
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 128 Resp: 121623
Ion Ratio Lower Upper
128 100
130 31.0 11.4 51.4
64 54.5 33.1 73.1

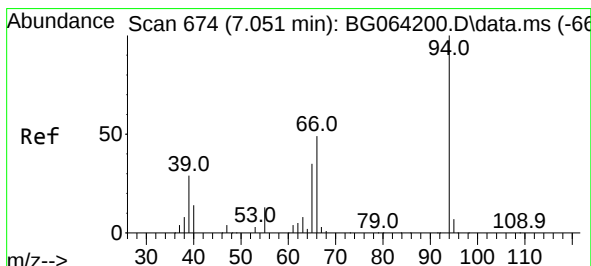
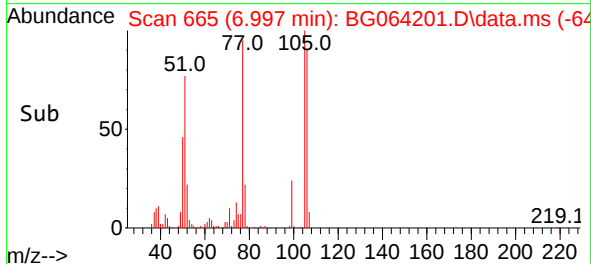
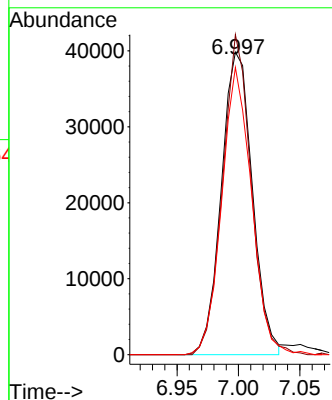
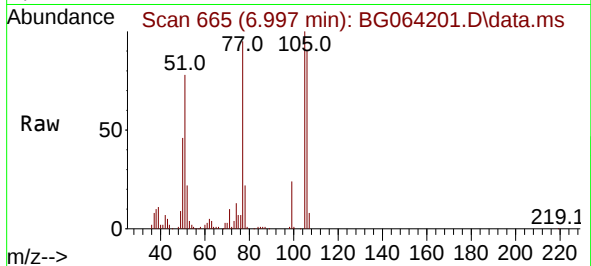




#9
Benzaldehyde
Concen: 41.109 ng m
RT: 6.997 min Scan# 6
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

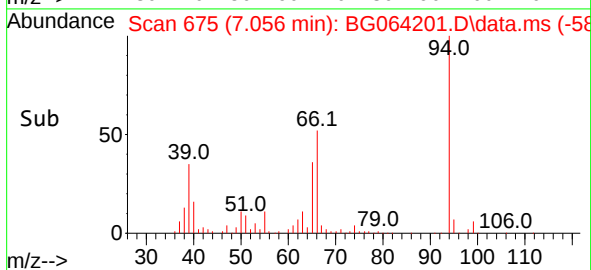
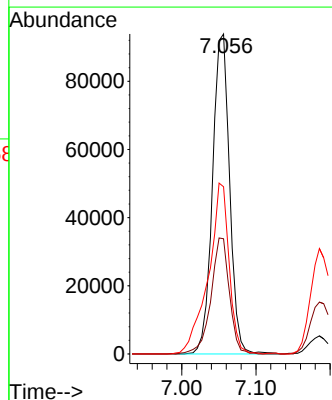
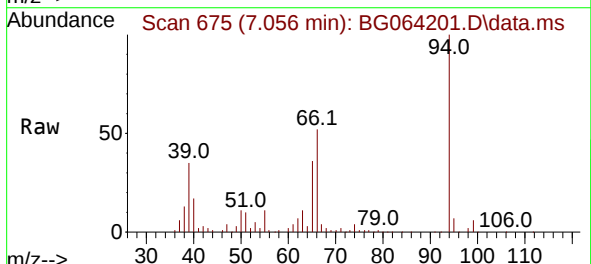
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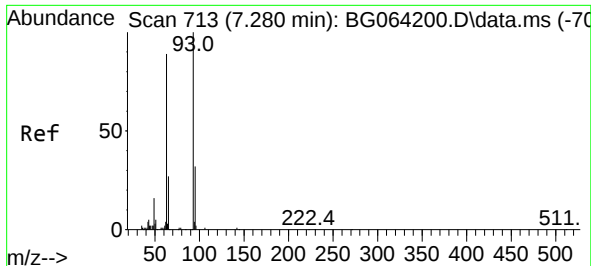
Tgt Ion: 77 Resp: 70278
Ion Ratio Lower Upper
77 100
105 105.8 68.1 108.1
106 94.9 66.6 106.6



#10
Phenol
Concen: 50.176 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 94 Resp: 150540
Ion Ratio Lower Upper
94 100
65 36.0 15.5 55.5
66 52.3 31.8 71.8

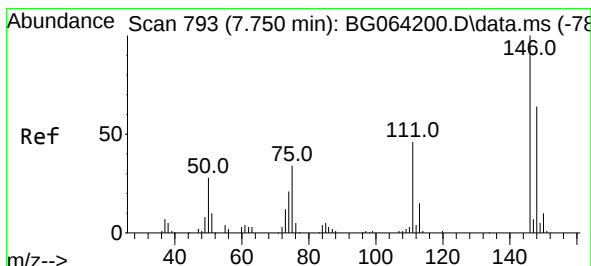
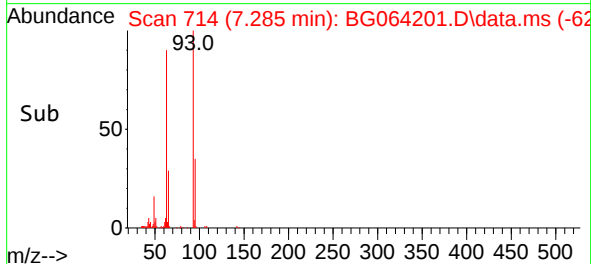
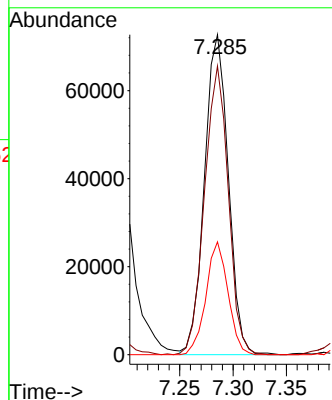
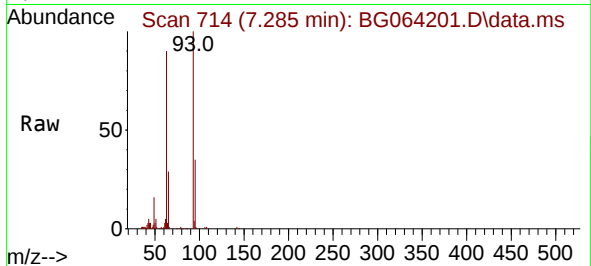




#11
bis(2-Chloroethyl)ether
Concen: 48.892 ng
RT: 7.285 min Scan# 713
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

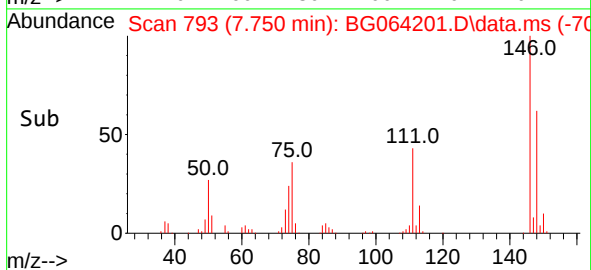
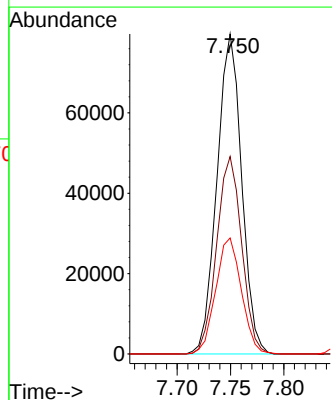
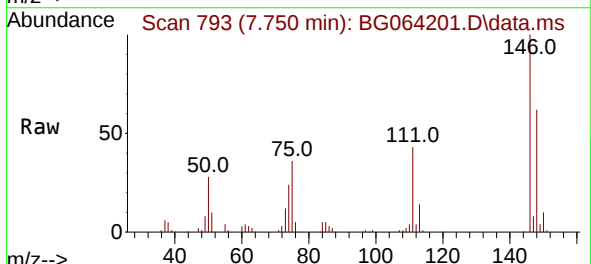
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

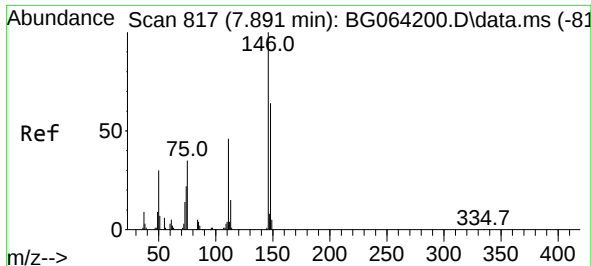
Tgt Ion: 93 Resp: 113191
Ion Ratio Lower Upper
93 100
63 90.2 67.9 107.9
95 35.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 49.599 ng
RT: 7.750 min Scan# 793
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:146 Resp: 128214
Ion Ratio Lower Upper
146 100
148 61.7 51.2 76.8
75 36.2 27.4 41.2

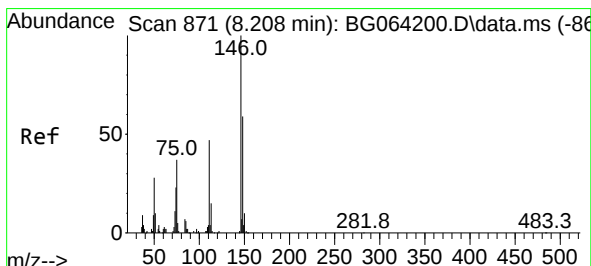
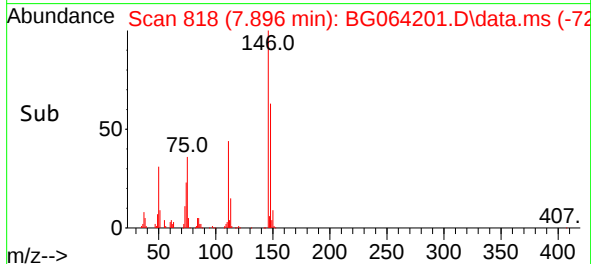
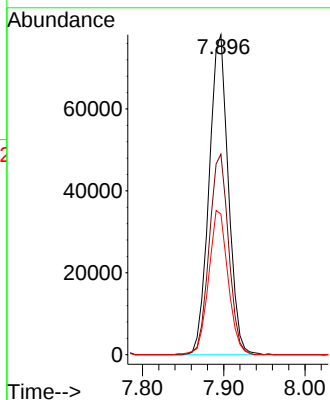
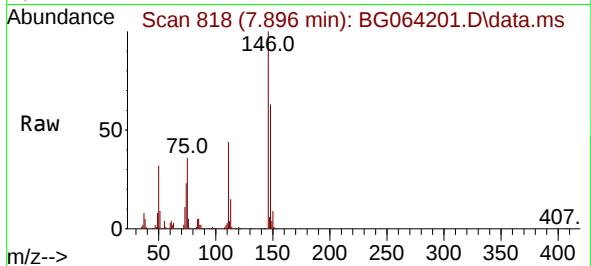




#13
1,4-Dichlorobenzene
Concen: 49.279 ng
RT: 7.896 min Scan# 817
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

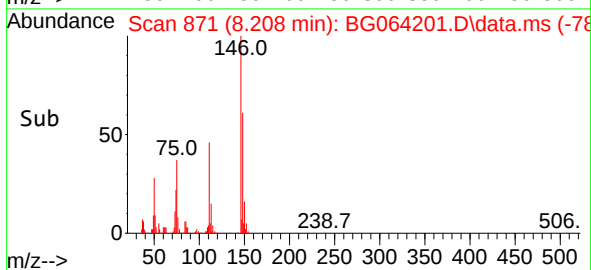
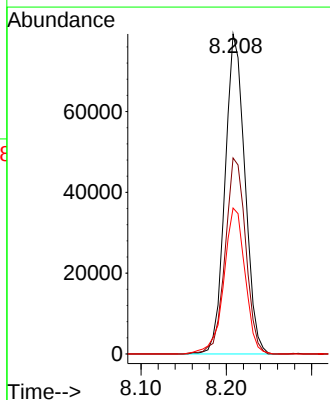
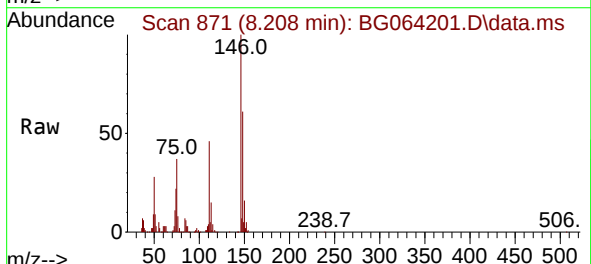
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

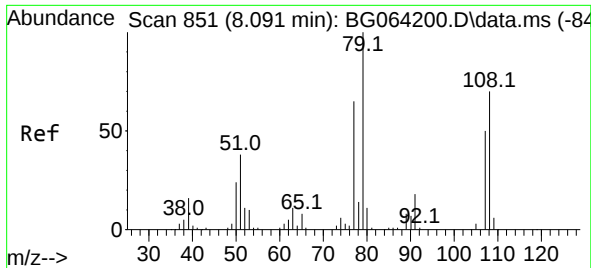
Tgt Ion:146 Resp: 128306
Ion Ratio Lower Upper
146 100
148 62.7 51.4 77.0
111 43.9 36.8 55.2



#14
1,2-Dichlorobenzene
Concen: 49.762 ng
RT: 8.208 min Scan# 871
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:146 Resp: 128657
Ion Ratio Lower Upper
146 100
148 61.2 47.2 70.8
111 45.6 37.8 56.6

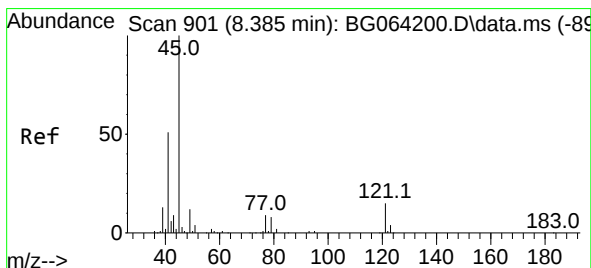
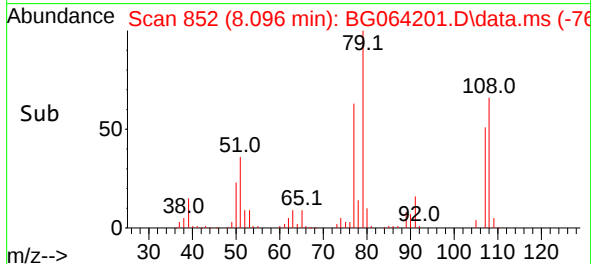
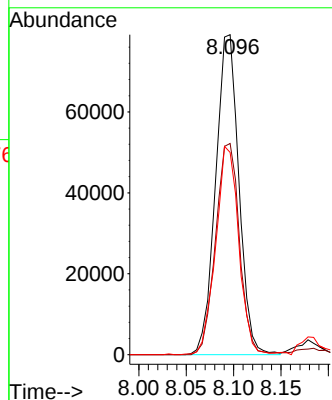
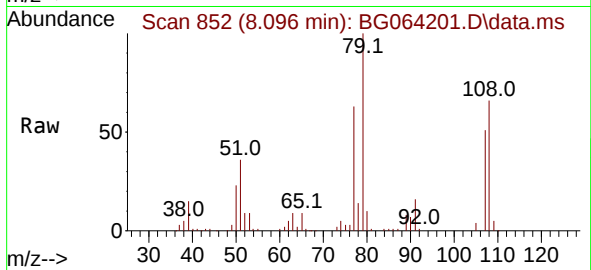




#15
Benzyl Alcohol
Concen: 51.311 ng
RT: 8.096 min Scan# 81
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

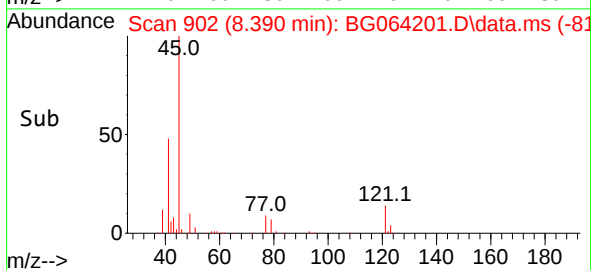
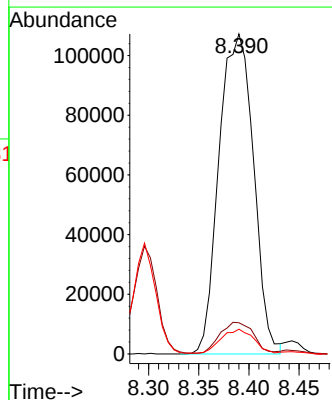
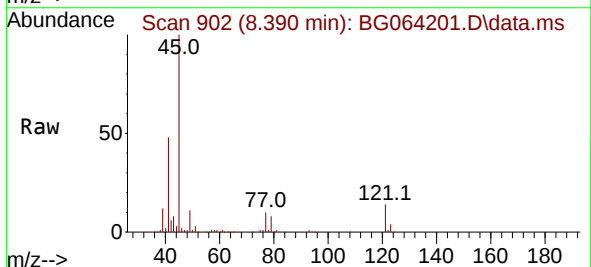
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

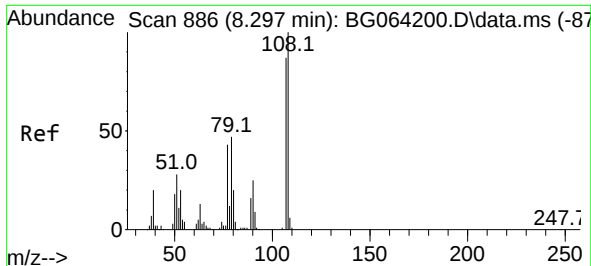
Tgt Ion: 79 Resp: 135002
Ion Ratio Lower Upper
79 100
108 66.0 56.2 84.4
77 63.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.627 ng
RT: 8.390 min Scan# 902
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 45 Resp: 256706
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.3
79 7.7 0.0 28.5

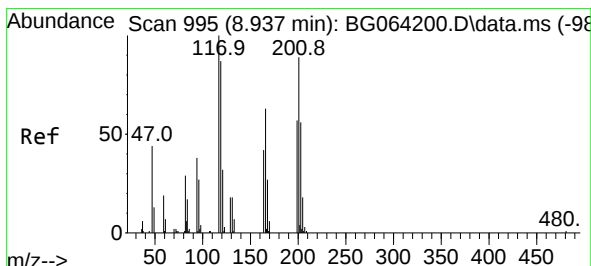
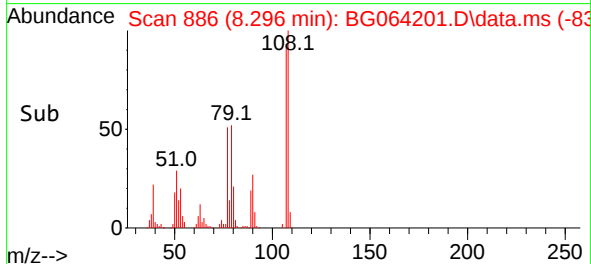
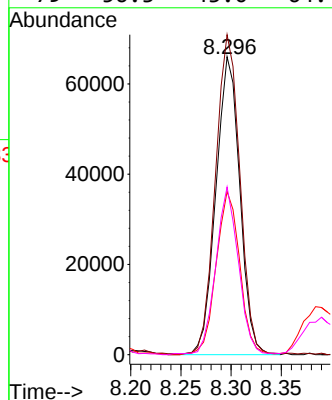
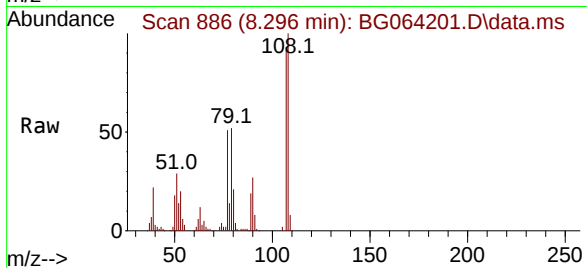




#17
2-Methylphenol
Concen: 50.467 ng
RT: 8.296 min Scan# 886
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

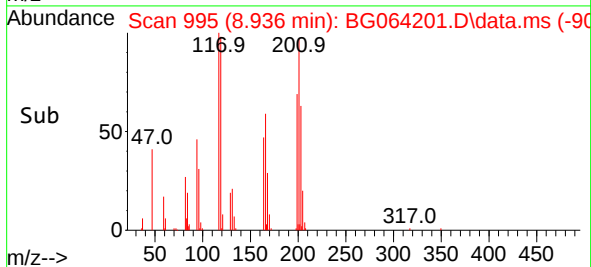
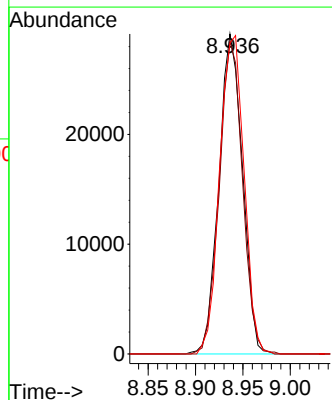
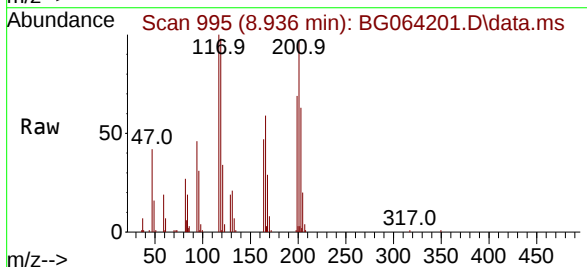
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

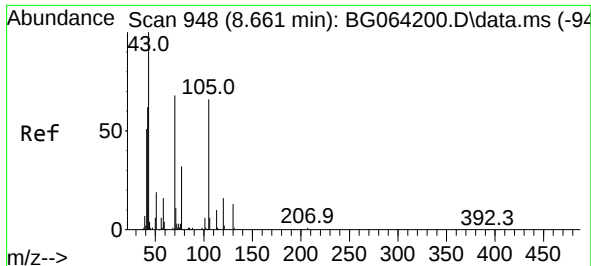
Tgt Ion:	107	Resp:	109283
Ion	Ratio	Lower	Upper
107	100		
108	107.4	92.1	138.1
77	54.8	39.8	59.8
79	56.3	43.0	64.4



#18
Hexachloroethane
Concen: 49.858 ng
RT: 8.936 min Scan# 995
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:	117	Resp:	50579
Ion	Ratio	Lower	Upper
117	100		
119	97.7	69.6	104.4
201	97.1	74.6	111.8

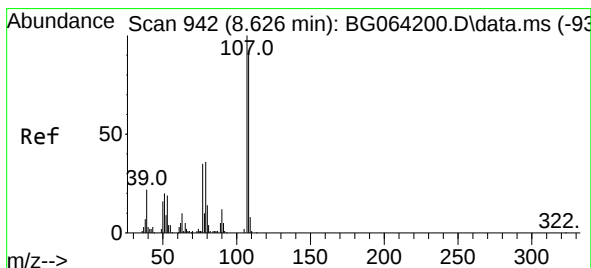
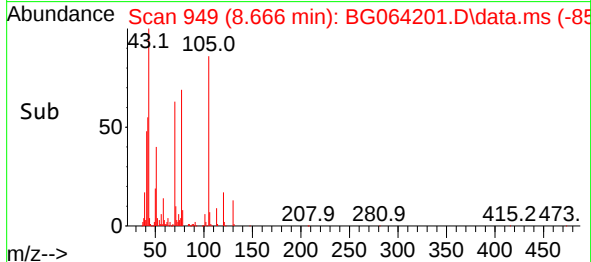
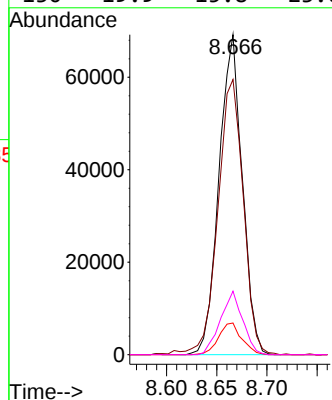
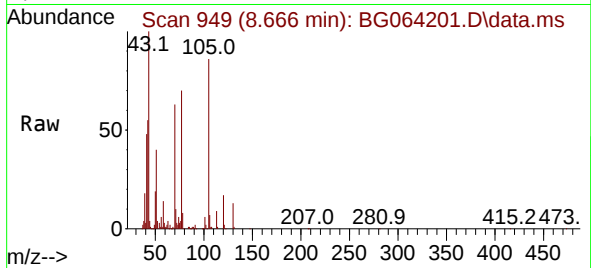




#19
n-Nitroso-di-n-propylamine
Concen: 49.000 ng
RT: 8.666 min Scan# 948
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

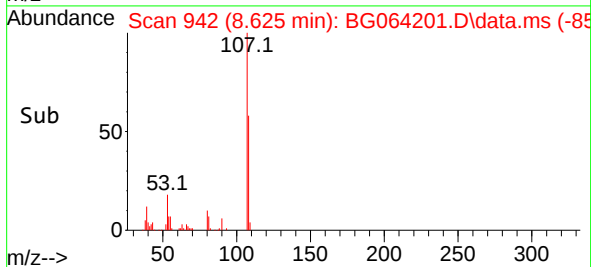
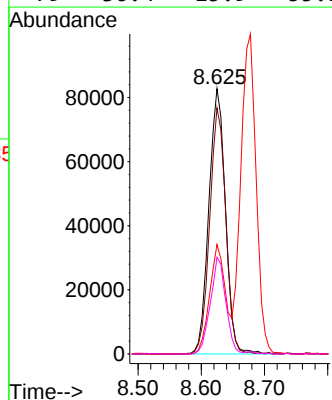
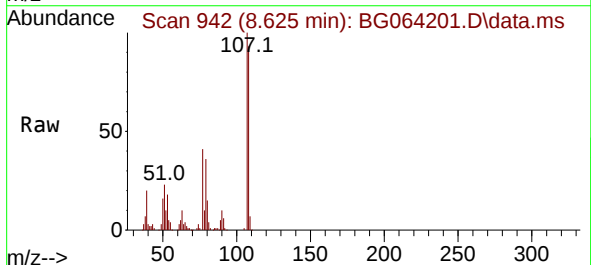
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

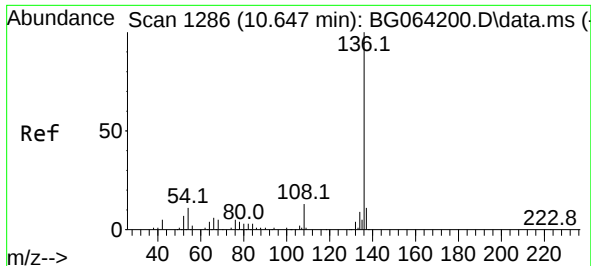
Tgt Ion: 70 Resp: 111326
Ion Ratio Lower Upper
70 100
42 86.0 73.0 109.4
101 9.9 7.4 11.0
130 19.9 15.8 23.6



#20
3+4-Methylphenols
Concen: 49.425 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 107 Resp: 150663
Ion Ratio Lower Upper
107 100
108 92.7 71.3 111.3
77 41.2 15.5 55.5
79 36.4 15.9 55.9

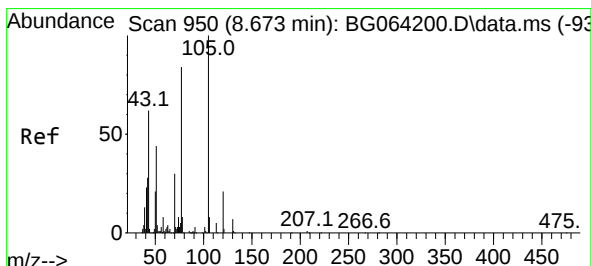
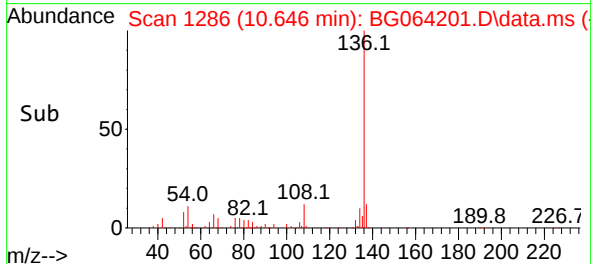
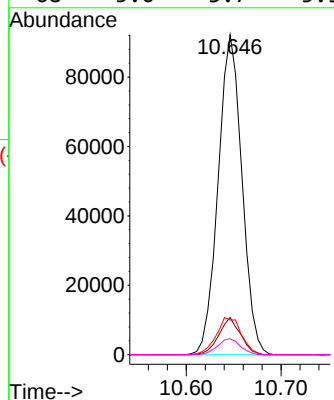
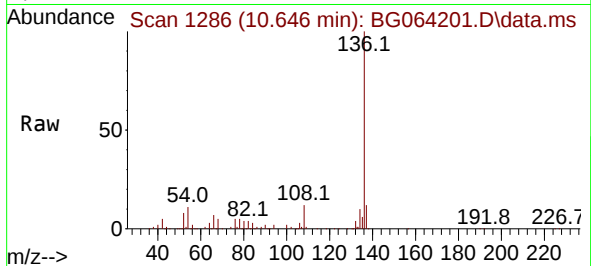




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

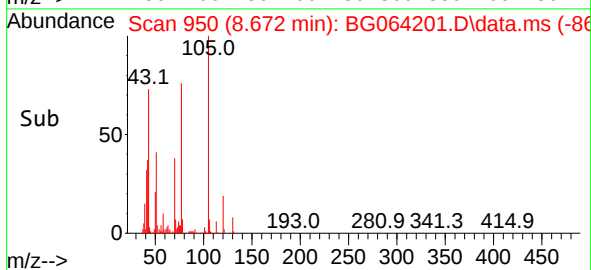
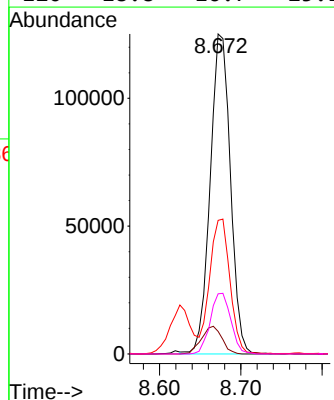
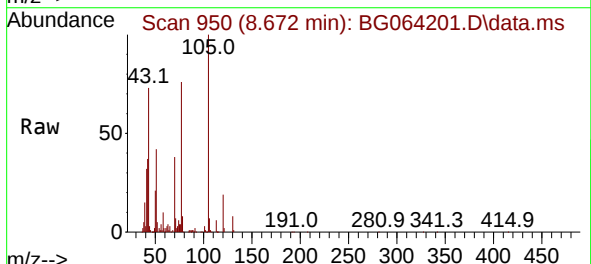
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

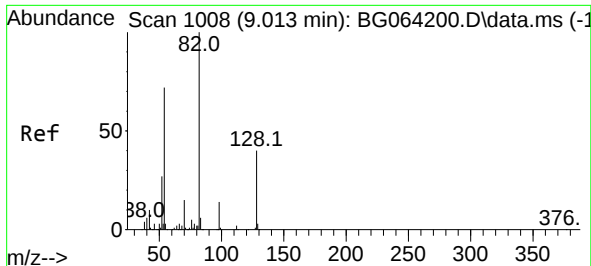
Tgt Ion:136 Resp: 160806
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 10.9 8.7 13.1
68 5.0 3.7 5.5



#22
Acetophenone
Concen: 49.207 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:105 Resp: 216666
Ion Ratio Lower Upper
105 100
71 7.0 2.8 4.2#
51 41.7 35.7 53.5
120 18.8 16.7 25.1

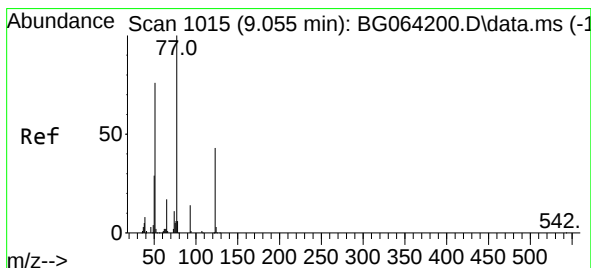
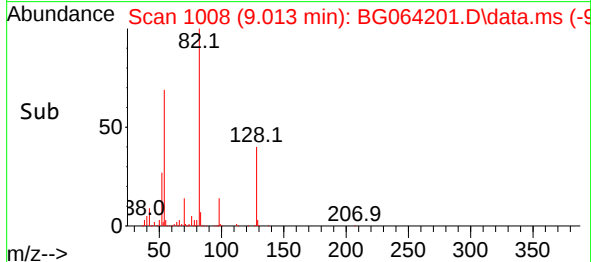
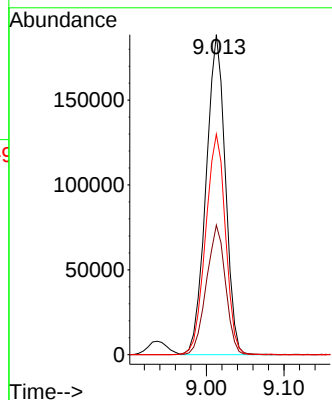
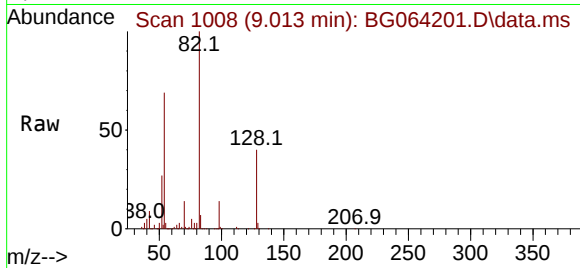




#23
Nitrobenzene-d5
Concen: 101.157 ng
RT: 9.013 min Scan# 1008
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

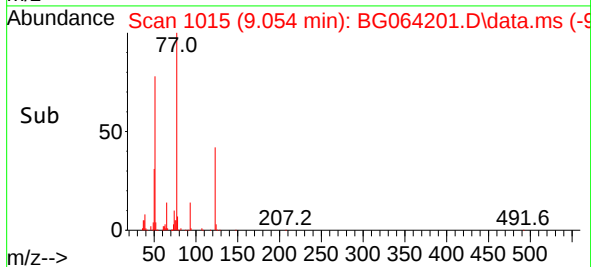
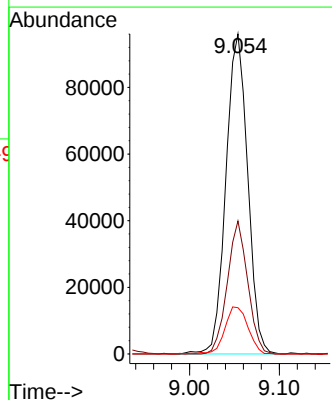
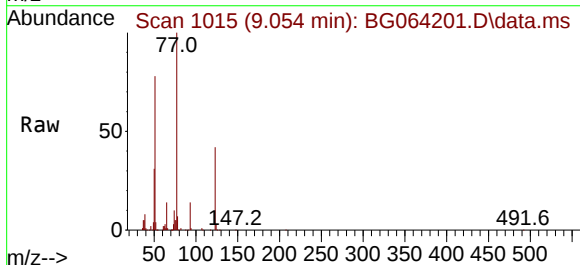
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

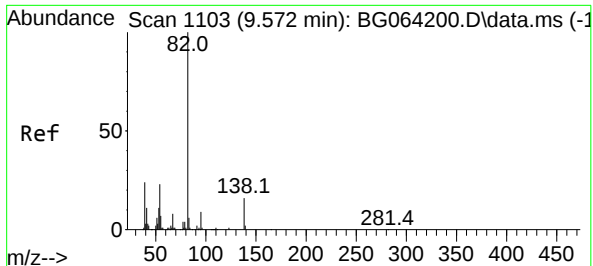
Tgt Ion: 82 Resp: 325111
Ion Ratio Lower Upper
82 100
128 40.5 31.9 47.9
54 68.9 57.3 85.9



#24
Nitrobenzene
Concen: 50.312 ng
RT: 9.054 min Scan# 1015
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 77 Resp: 161423
Ion Ratio Lower Upper
77 100
123 41.6 34.3 51.5
65 14.4 13.8 20.6

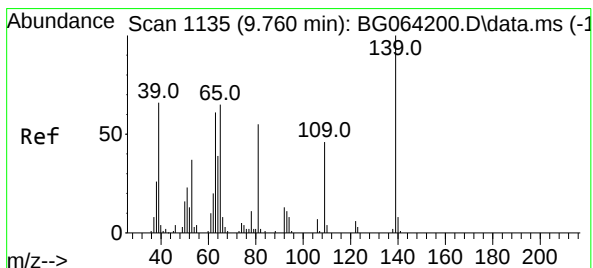
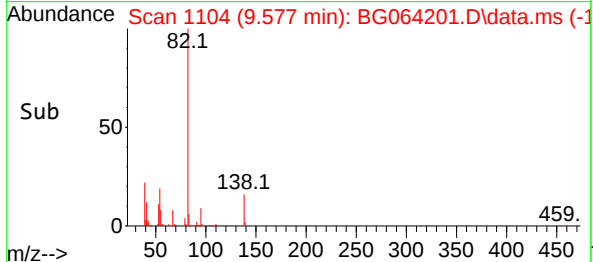
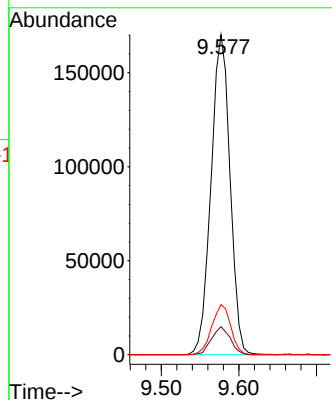
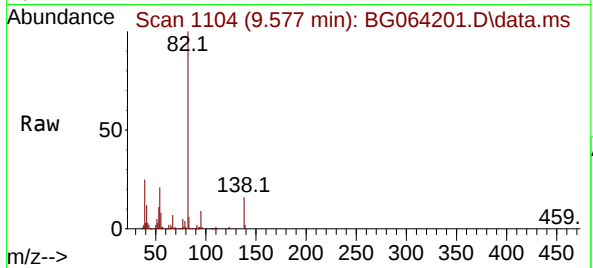




#25
Isophorone
Concen: 49.092 ng
RT: 9.577 min Scan# 1103
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

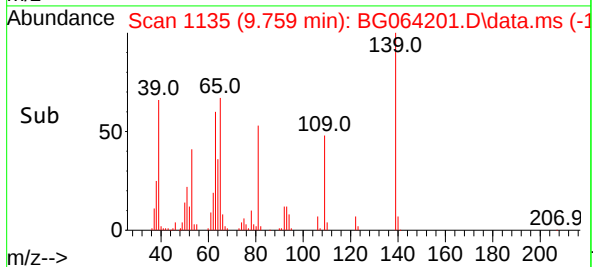
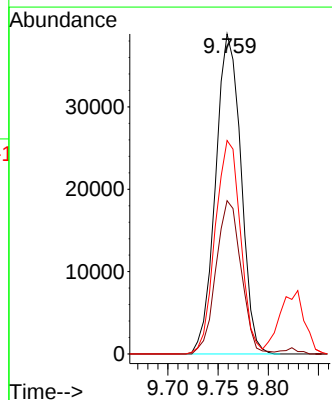
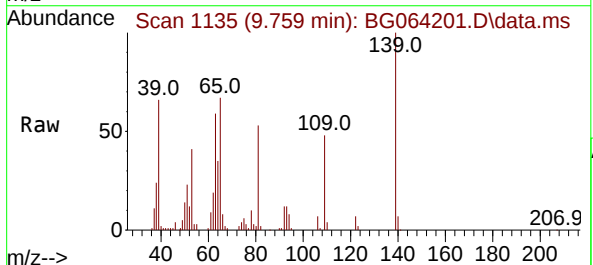
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

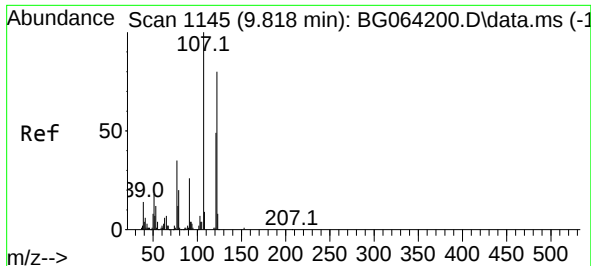
Tgt Ion: 82 Resp: 289970
Ion Ratio Lower Upper
82 100
95 8.7 7.0 10.4
138 15.7 12.4 18.6



#26
2-Nitrophenol
Concen: 50.516 ng
RT: 9.759 min Scan# 1135
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:139 Resp: 68189
Ion Ratio Lower Upper
139 100
109 47.9 37.1 55.7
65 66.7 51.8 77.8





#27

2,4-Dimethylphenol

Concen: 50.355 ng

RT: 9.824 min Scan# 1146

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

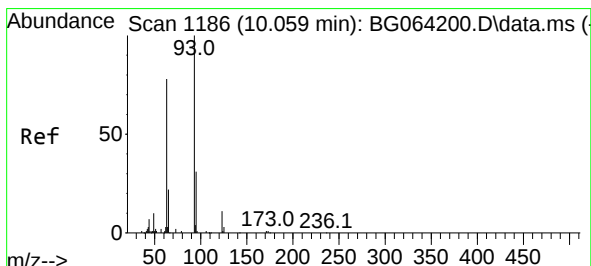
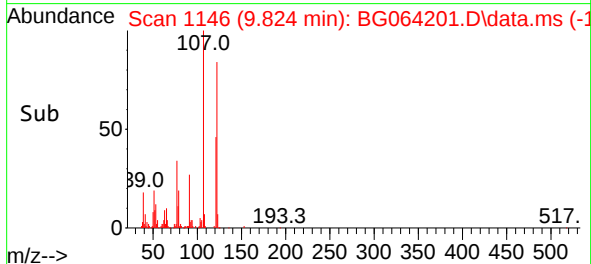
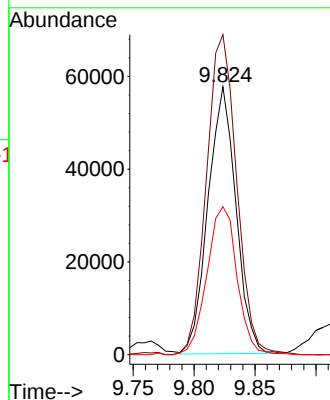
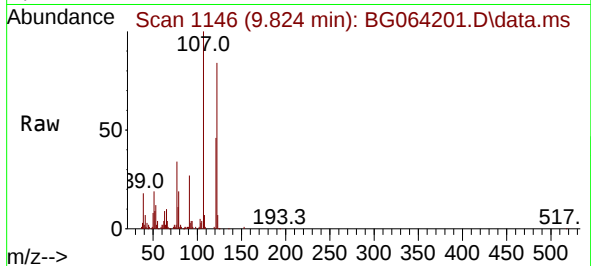
Tgt Ion:122 Resp: 91919

Ion Ratio Lower Upper

122 100

107 119.4 99.4 149.2

121 55.2 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.197 ng

RT: 10.059 min Scan# 1186

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

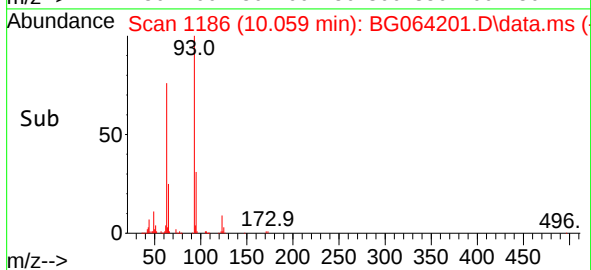
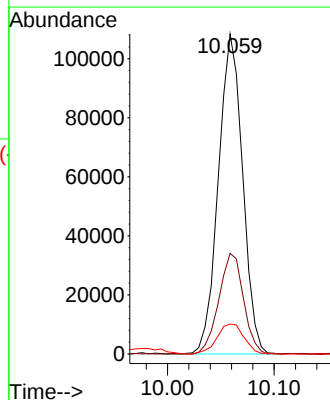
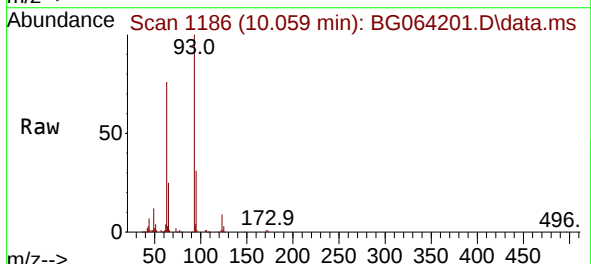
Tgt Ion: 93 Resp: 170785

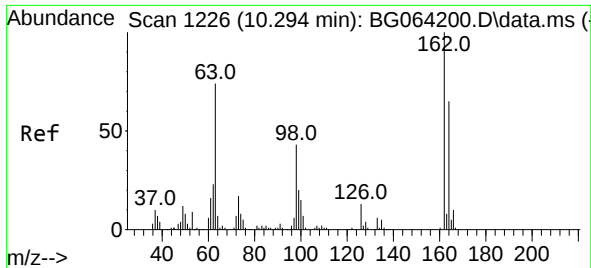
Ion Ratio Lower Upper

93 100

95 31.5 24.6 36.8

123 9.3 8.8 13.2

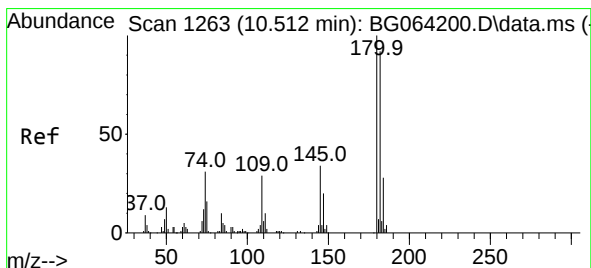
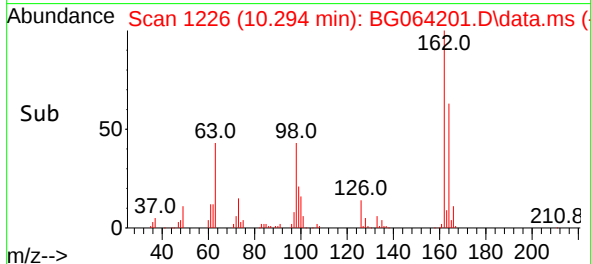
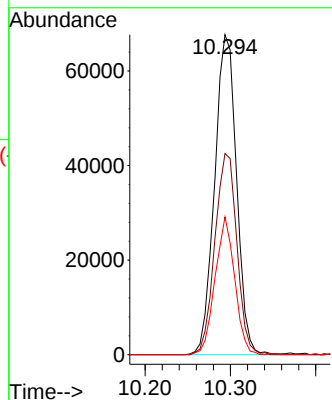
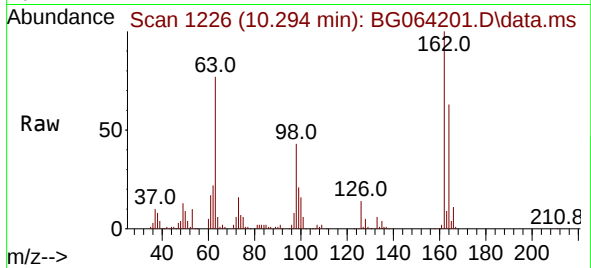




#29
2,4-Dichlorophenol
Concen: 50.224 ng
RT: 10.294 min Scan# 1226
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

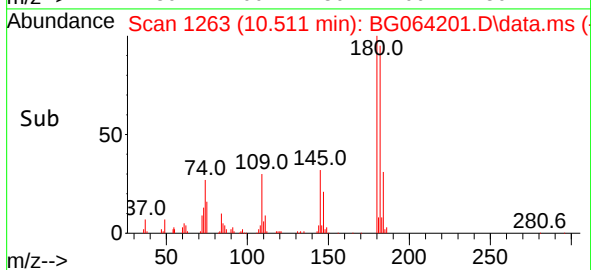
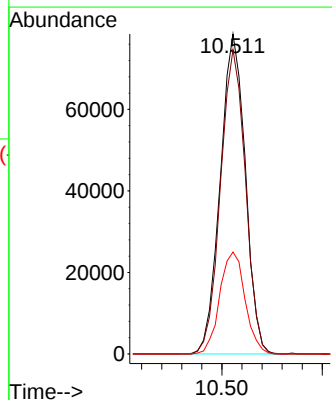
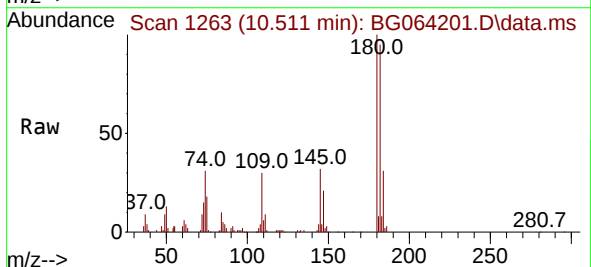
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

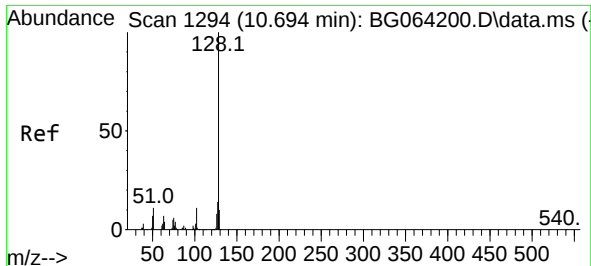
Tgt Ion:162 Resp: 121017
Ion Ratio Lower Upper
162 100
164 62.8 45.0 85.0
98 43.0 23.4 63.4



#30
1,2,4-Trichlorobenzene
Concen: 50.954 ng
RT: 10.511 min Scan# 1263
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:180 Resp: 135698
Ion Ratio Lower Upper
180 100
182 95.1 73.6 110.4
145 31.8 27.0 40.4

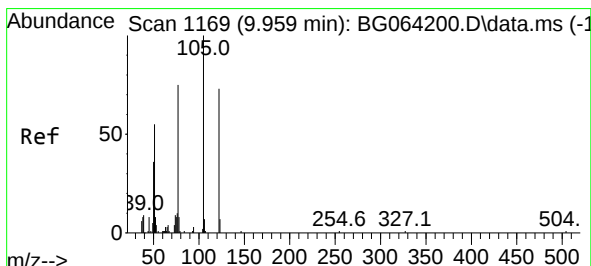
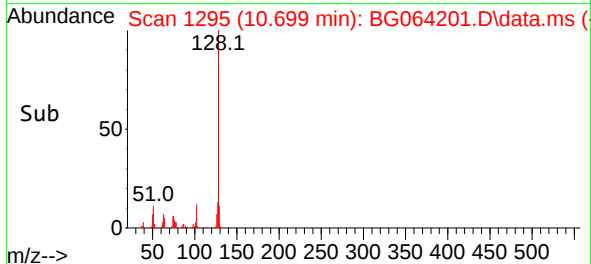
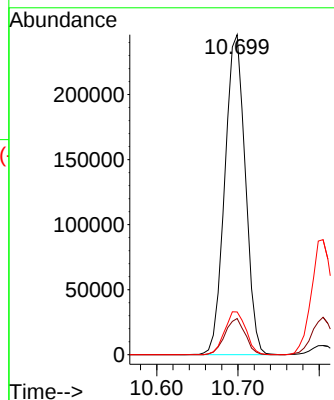
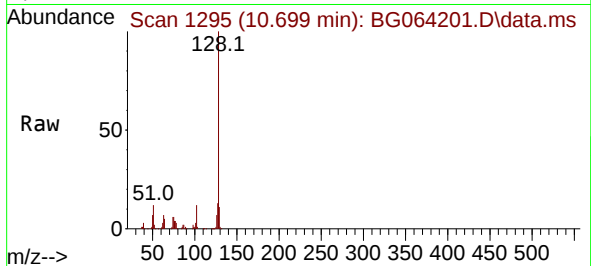




#31
Naphthalene
Concen: 49.359 ng
RT: 10.699 min Scan# 1174
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

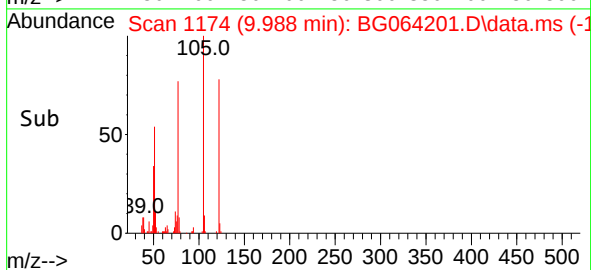
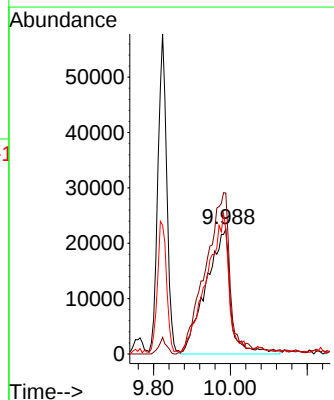
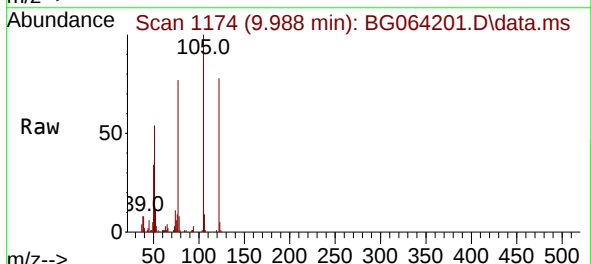
Instrument :
BNA_G
ClientSampleId :
SSTDIC050

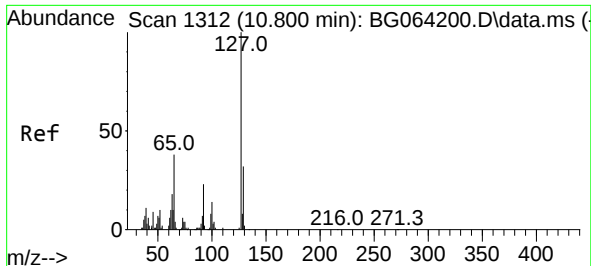
Tgt Ion:128 Resp: 431302
Ion Ratio Lower Upper
128 100
129 11.3 8.2 12.2
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 52.738 ng m
RT: 9.988 min Scan# 1174
Delta R.T. 0.029 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:122 Resp: 100665
Ion Ratio Lower Upper
122 100
105 129.0 114.2 154.2
77 99.9 82.1 122.1

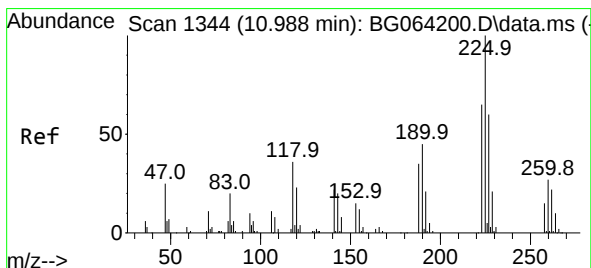
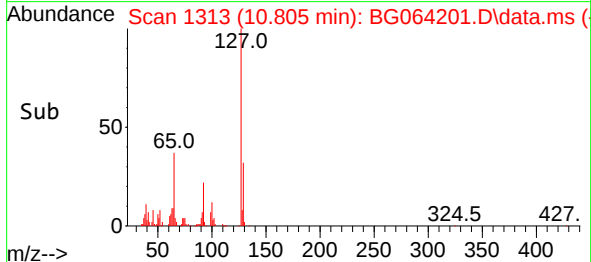
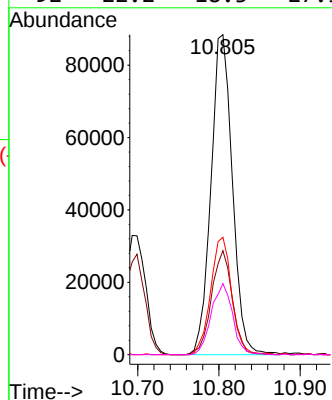
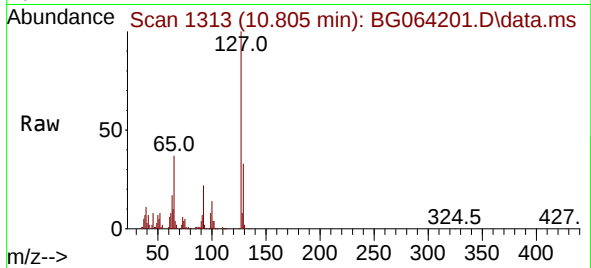




#33
4-Chloroaniline
Concen: 51.125 ng
RT: 10.805 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

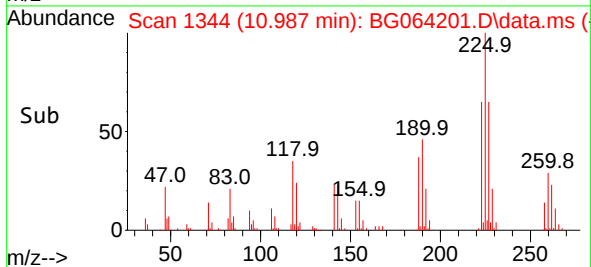
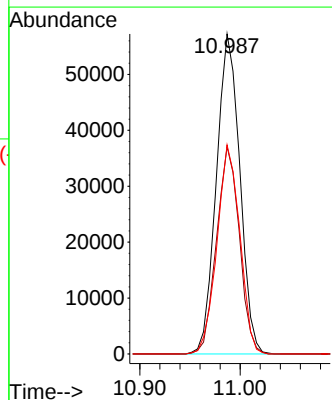
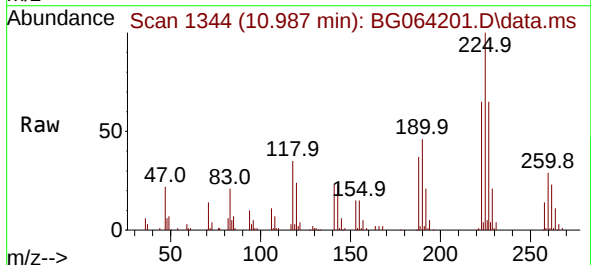
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

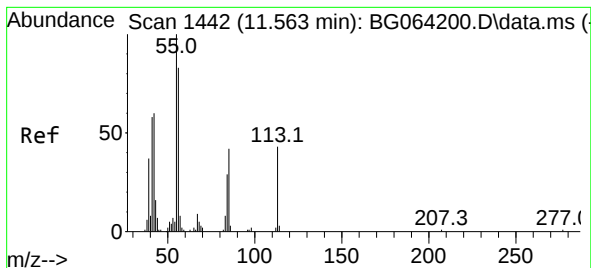
Tgt Ion:127	Resp: 162273
Ion Ratio	Lower Upper
127 100	
129 32.5	25.8 38.6
65 36.7	30.0 45.0
92 22.2	18.3 27.5



#34
Hexachlorobutadiene
Concen: 49.916 ng
RT: 10.987 min Scan# 1344
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:225	Resp: 92745
Ion Ratio	Lower Upper
225 100	
223 64.8	51.9 77.9
227 65.3	48.1 72.1

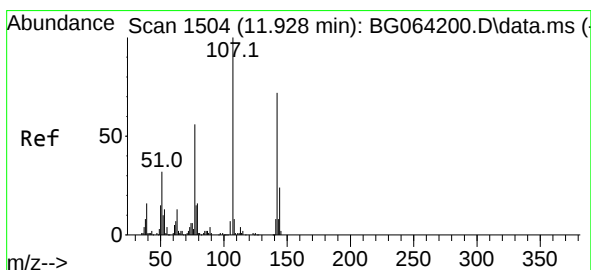
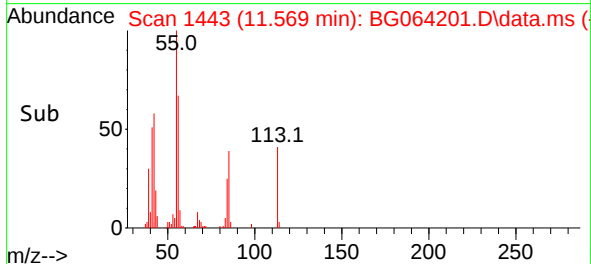
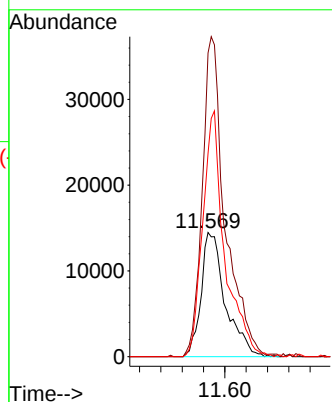
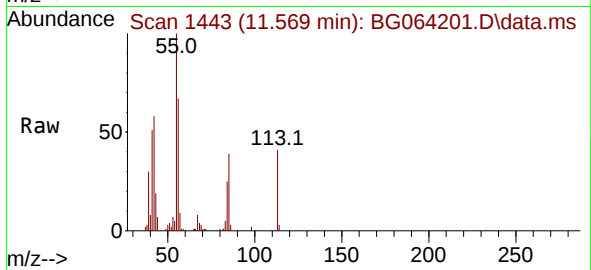




#35
Caprolactam
Concen: 50.308 ng
RT: 11.569 min Scan# 1442
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

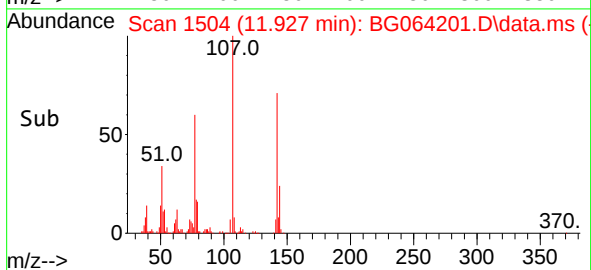
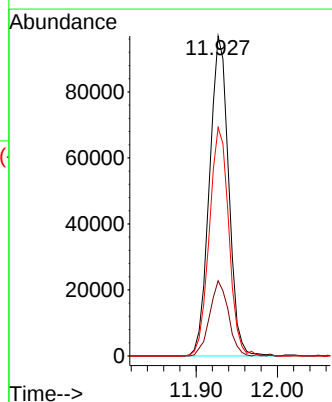
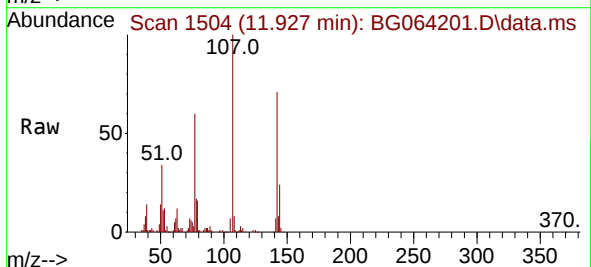
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

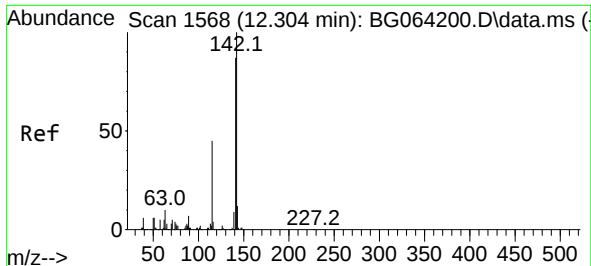
Tgt Ion	Ratio	Lower	Upper
113	100		
55	244.6	212.9	252.9
56	163.8	171.0	211.0



#36
4-Chloro-3-methylphenol
Concen: 49.212 ng
RT: 11.927 min Scan# 1504
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.1	28.7
142	71.4	57.8	86.8

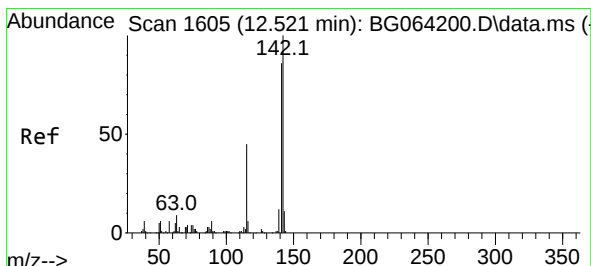
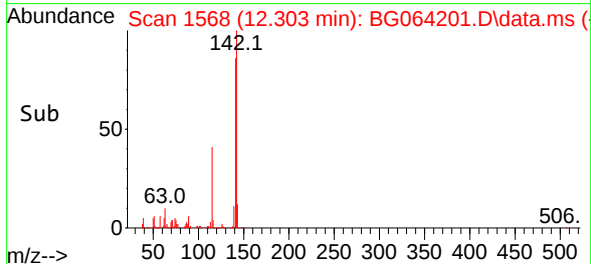
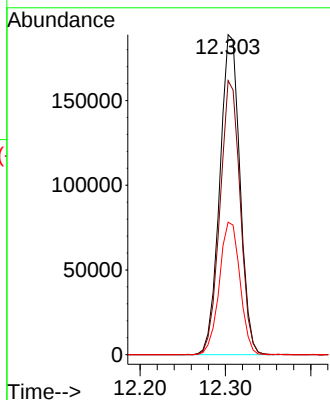
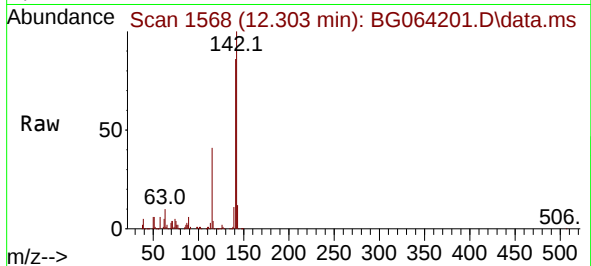




#37
2-Methylnaphthalene
Concen: 48.639 ng
RT: 12.303 min Scan# 1568
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

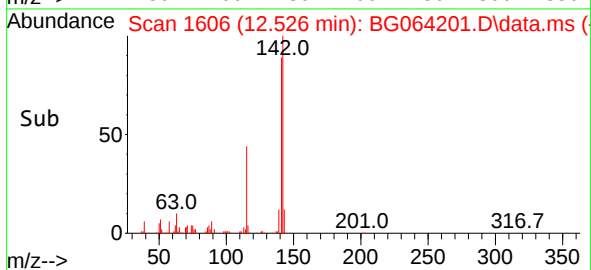
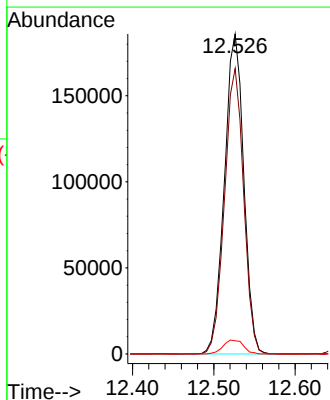
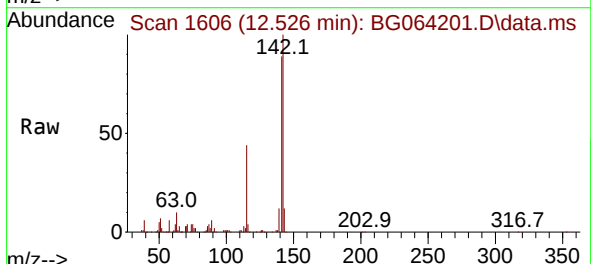
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

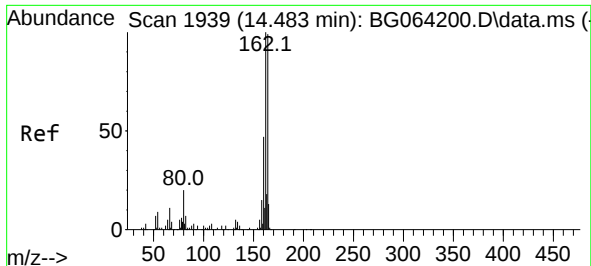
Tgt Ion:142 Resp: 310510
Ion Ratio Lower Upper
142 100
141 85.7 70.0 105.0
115 41.4 35.9 53.9



#38
1-Methylnaphthalene
Concen: 48.626 ng
RT: 12.526 min Scan# 1606
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:142 Resp: 307521
Ion Ratio Lower Upper
142 100
141 89.2 69.1 103.7
116 4.1 4.6 6.8#

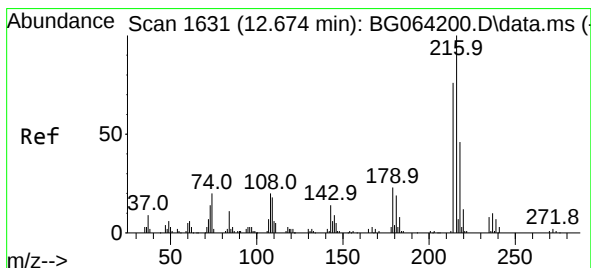
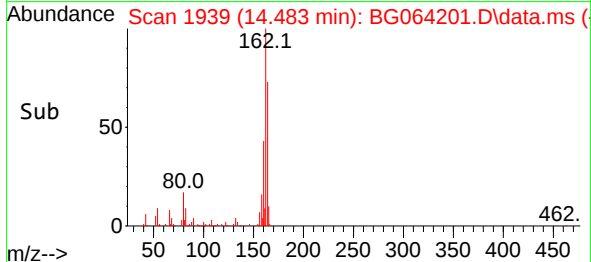
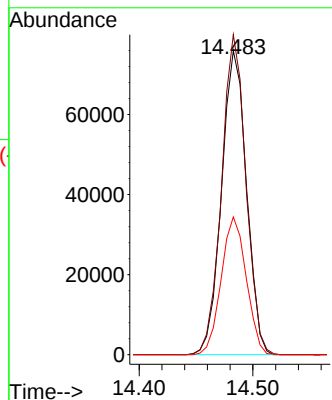
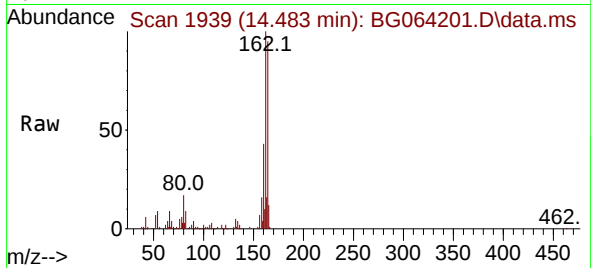




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

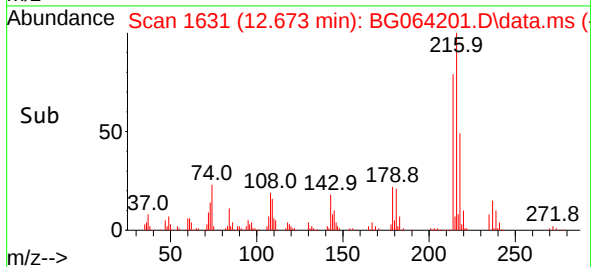
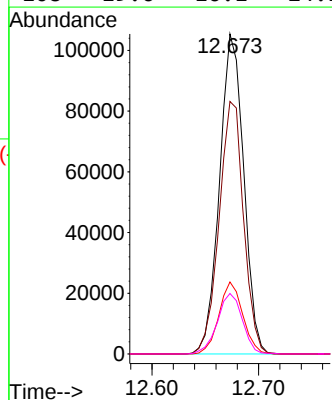
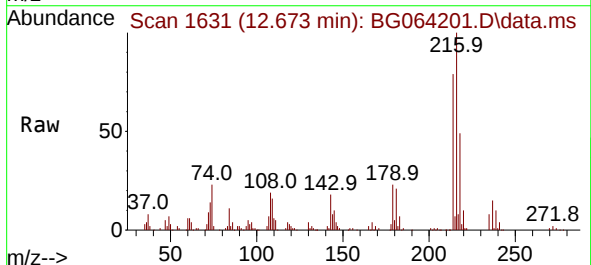
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

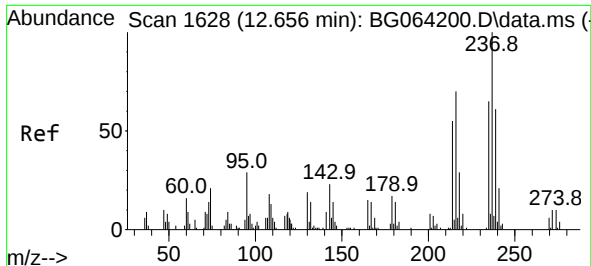
Tgt Ion:164 Resp: 115648
Ion Ratio Lower Upper
164 100
162 105.3 80.8 121.2
160 45.3 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.353 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

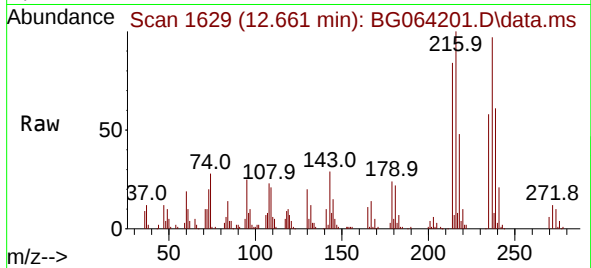
Tgt Ion:216 Resp: 165783
Ion Ratio Lower Upper
216 100
214 79.8 61.7 92.5
179 22.2 18.7 28.1
108 19.6 16.1 24.1



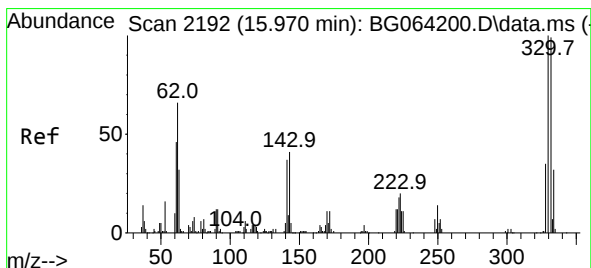
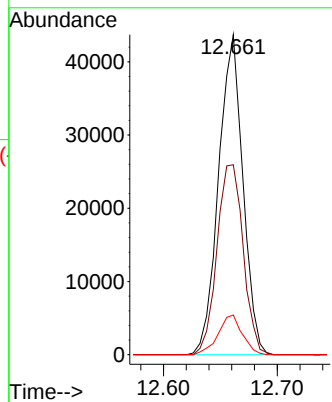
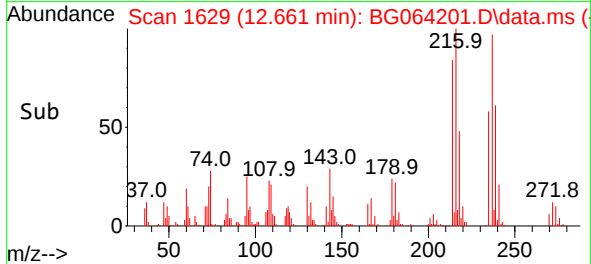


#41
Hexachlorocyclopentadiene
Concen: 52.668 ng
RT: 12.661 min Scan# 1629
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

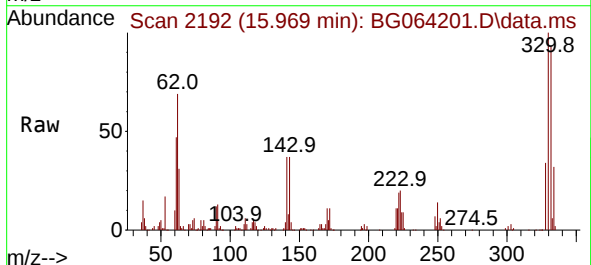
Instrument :
BNA_G
ClientSampleId :
SSTDICC050



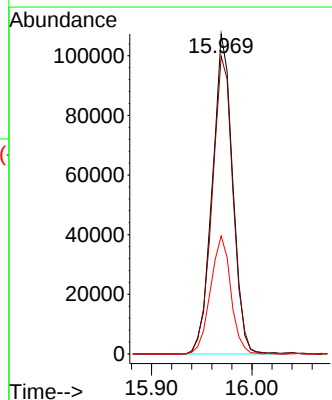
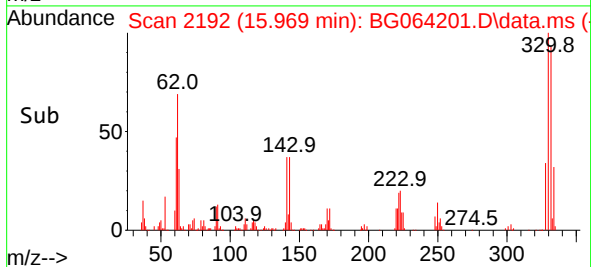
Tgt Ion:237 Resp: 64918
Ion Ratio Lower Upper
237 100
235 59.4 45.2 85.2
272 12.4 0.0 30.2

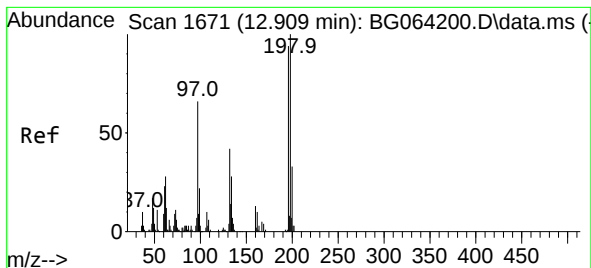


#42
2,4,6-Tribromophenol
Concen: 96.821 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20



Tgt Ion:330 Resp: 150438
Ion Ratio Lower Upper
330 100
332 95.6 78.6 118.0
141 36.9 30.2 45.2





#43

2,4,6-Trichlorophenol

Concen: 49.776 ng

RT: 12.914 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

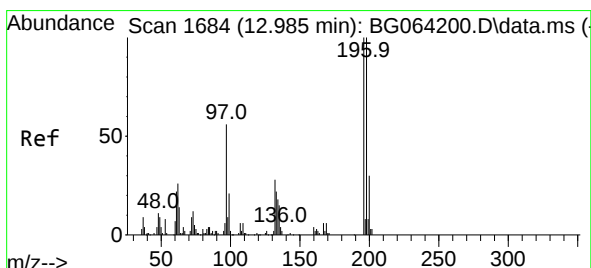
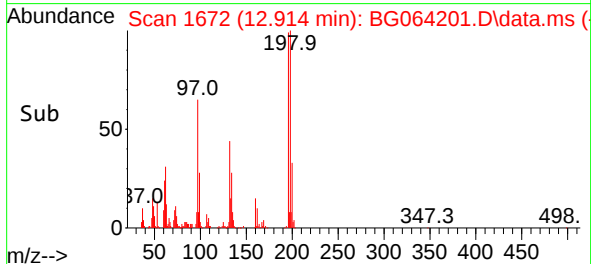
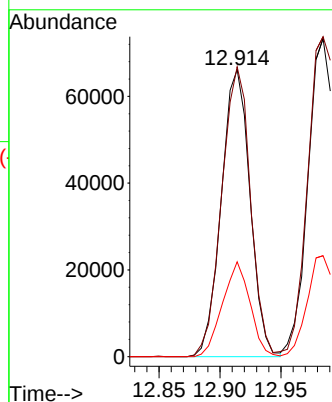
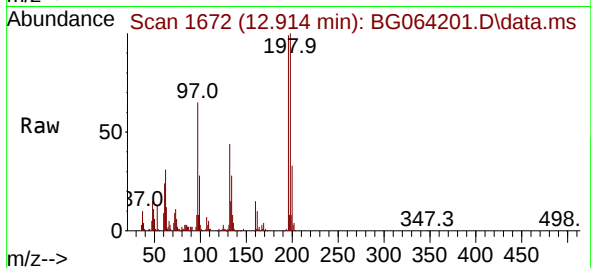
Tgt Ion:196 Resp: 108420

Ion Ratio Lower Upper

196 100

198 101.0 85.0 127.4

200 33.1 28.2 42.4



#44

2,4,5-Trichlorophenol

Concen: 48.854 ng

RT: 12.985 min Scan# 1684

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Tgt Ion:196 Resp: 119998

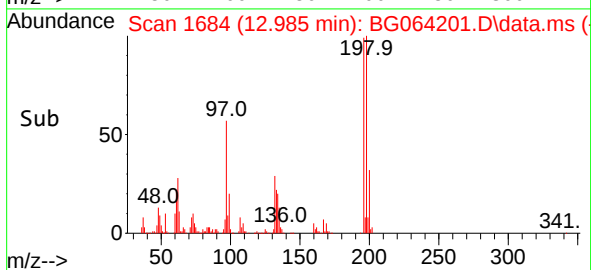
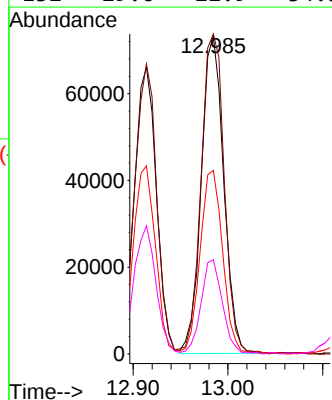
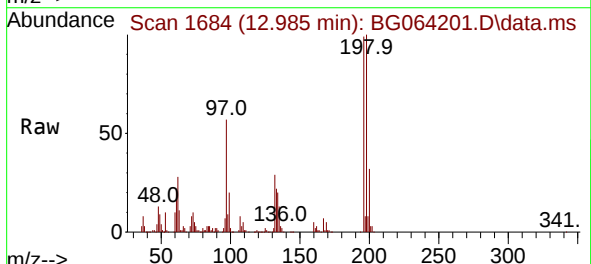
Ion Ratio Lower Upper

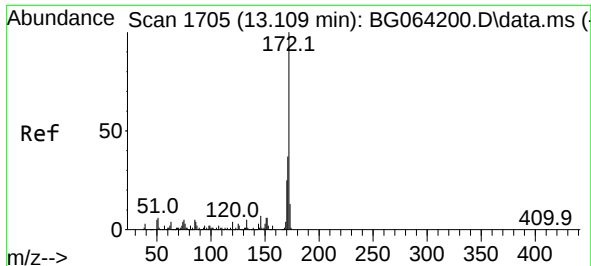
196 100

198 100.5 80.7 121.1

97 57.7 45.2 67.8

132 29.6 22.9 34.3

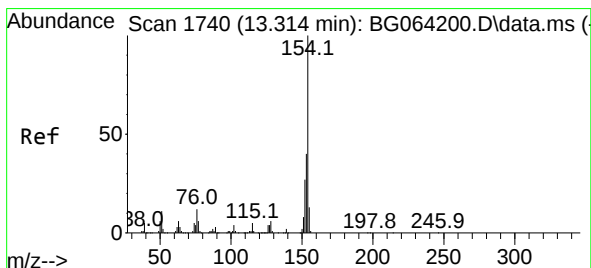
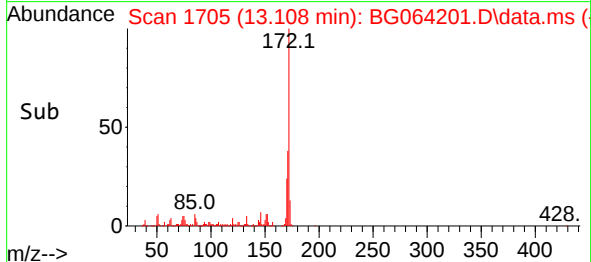
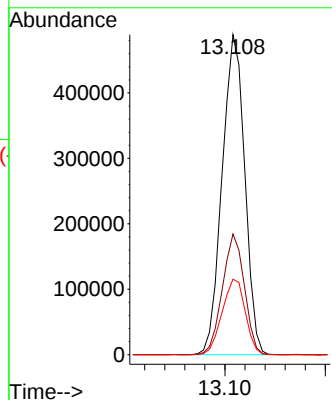
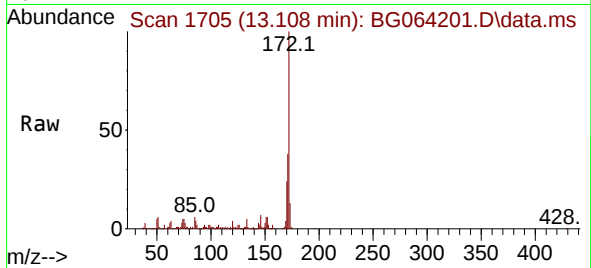




#45
2-Fluorobiphenyl
Concen: 96.109 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

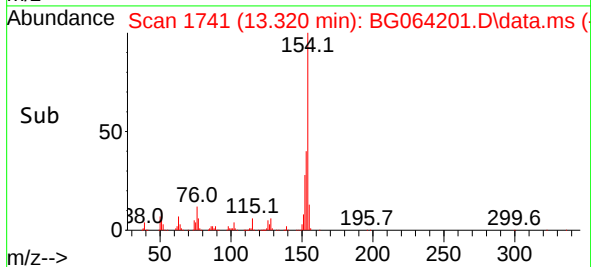
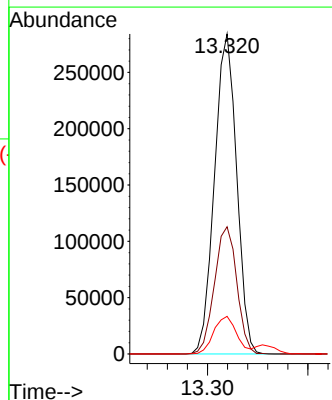
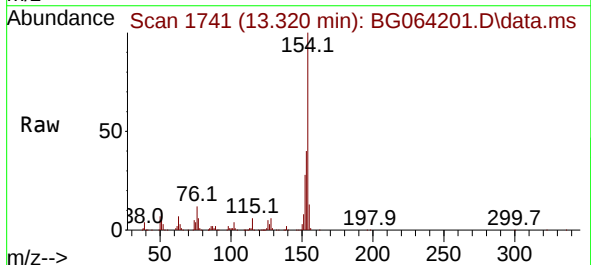
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

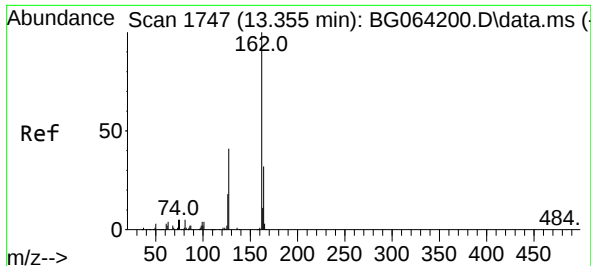
Tgt Ion:172 Resp: 765000
Ion Ratio Lower Upper
172 100
171 37.7 29.4 44.2
170 23.6 19.7 29.5



#46
1,1'-Biphenyl
Concen: 48.329 ng
RT: 13.320 min Scan# 1741
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:154 Resp: 434690
Ion Ratio Lower Upper
154 100
153 39.8 19.7 59.7
76 11.8 0.0 31.8

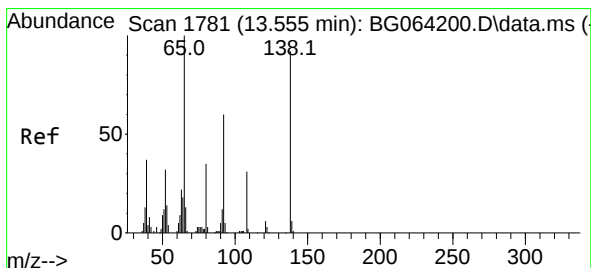
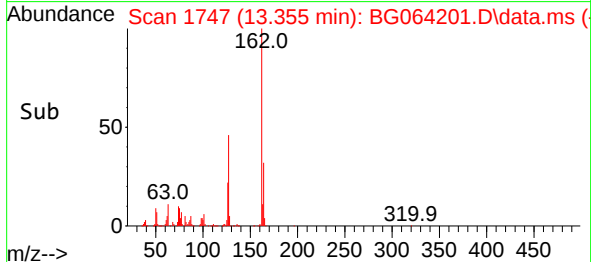
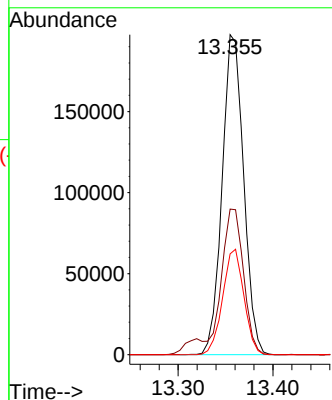
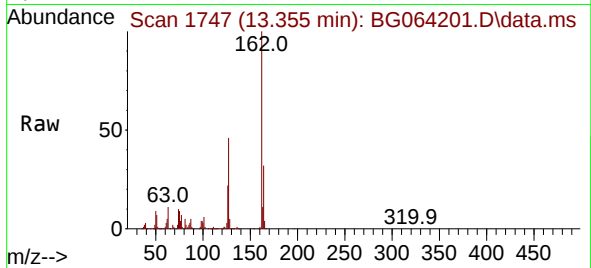




#47
2-Chloronaphthalene
Concen: 48.052 ng
RT: 13.355 min Scan# 1747
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

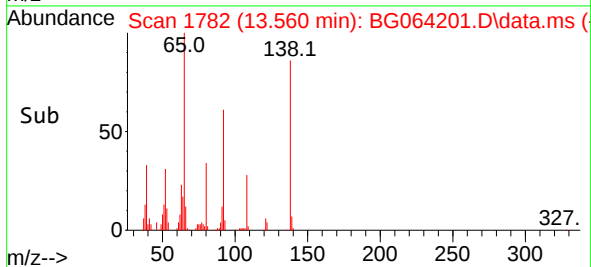
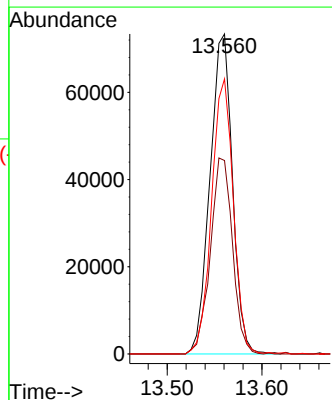
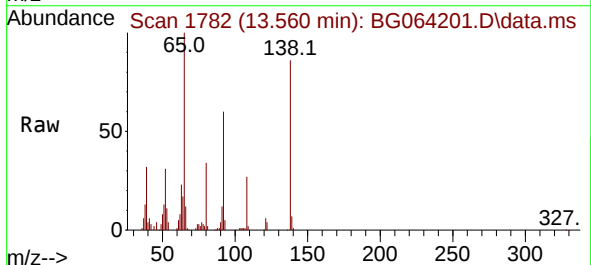
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

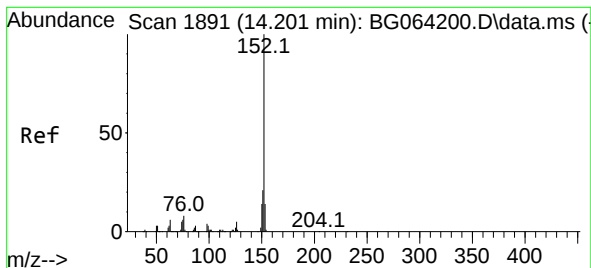
Tgt Ion:162 Resp: 311541
Ion Ratio Lower Upper
162 100
127 45.5 35.7 53.5
164 31.5 25.8 38.6



#48
2-Nitroaniline
Concen: 50.792 ng
RT: 13.560 min Scan# 1782
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion: 65 Resp: 120546
Ion Ratio Lower Upper
65 100
92 60.5 48.1 72.1
138 86.0 73.8 110.8





#49

Acenaphthylene

Concen: 48.558 ng

RT: 14.207 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

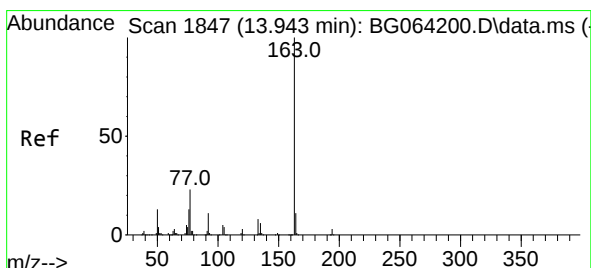
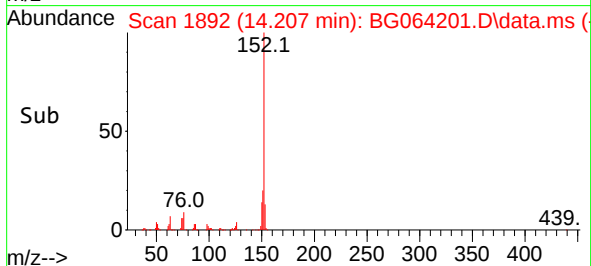
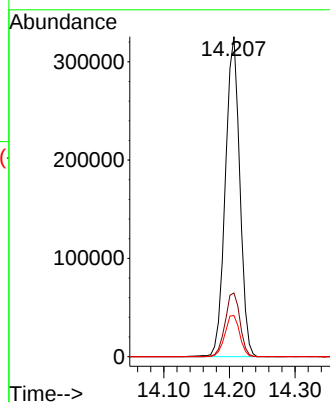
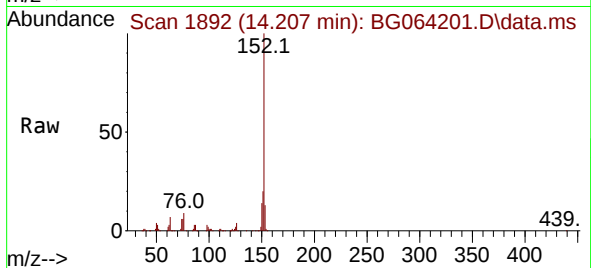
Tgt Ion:152 Resp: 494615

Ion Ratio Lower Upper

152 100

151 19.9 17.1 25.7

153 12.9 11.0 16.6



#50

Dimethylphthalate

Concen: 47.496 ng

RT: 13.942 min Scan# 1847

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

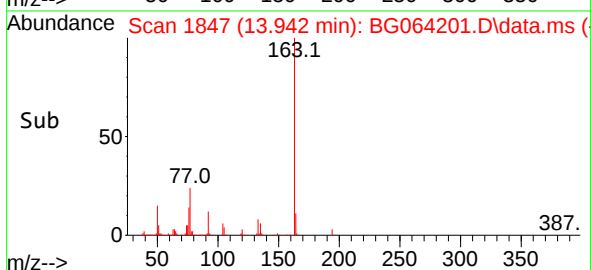
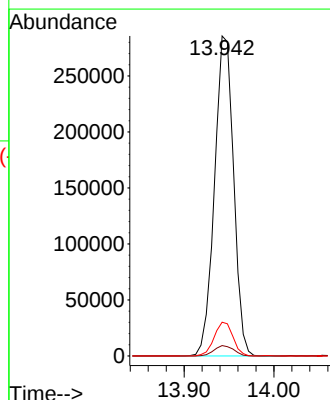
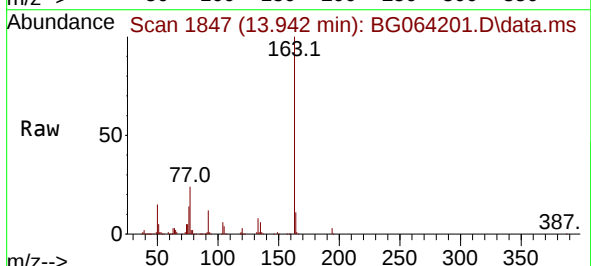
Tgt Ion:163 Resp: 421648

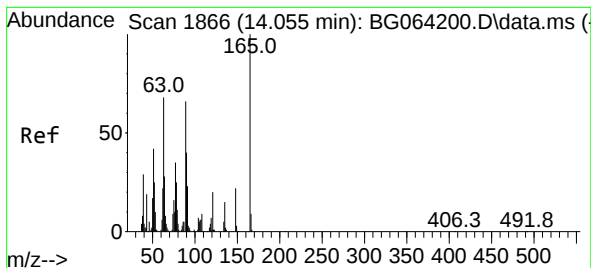
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 10.6 8.6 13.0

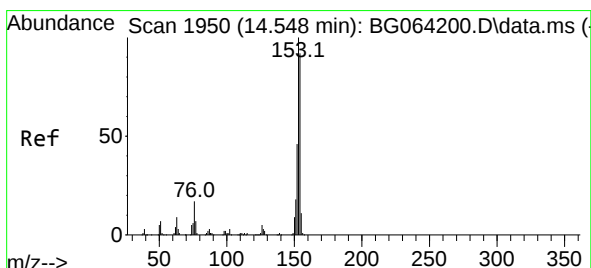
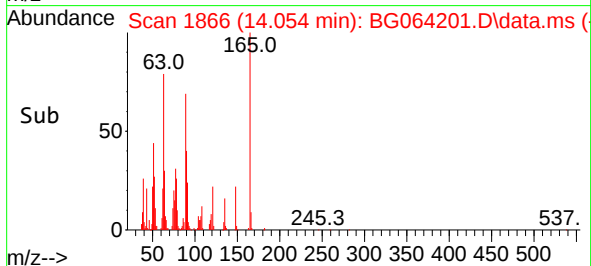
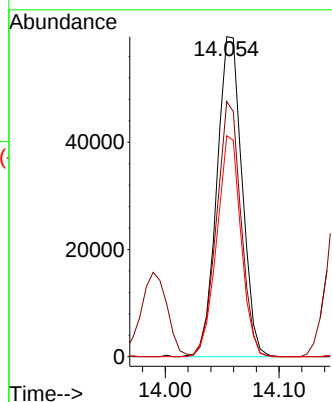
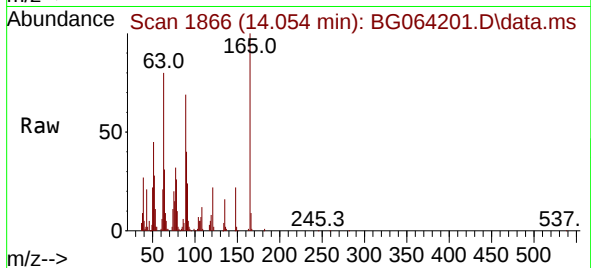




#51
2,6-Dinitrotoluene
Concen: 50.806 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

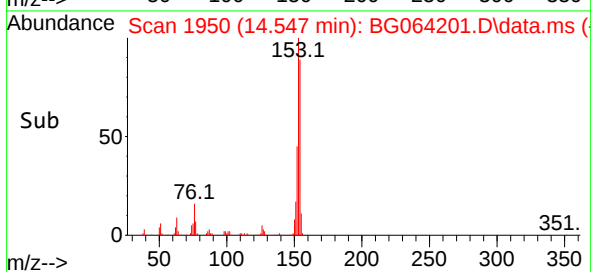
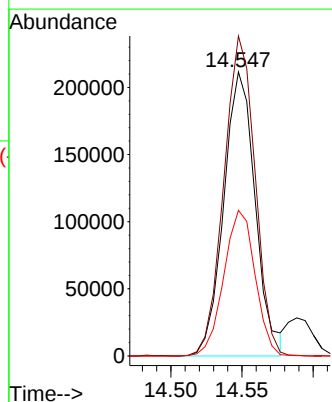
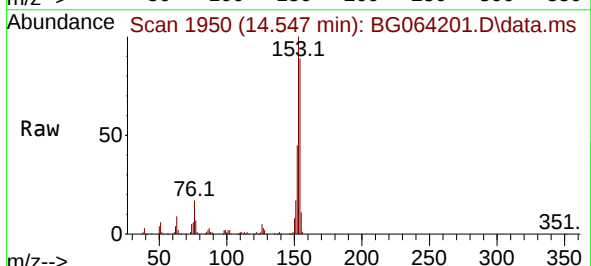
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

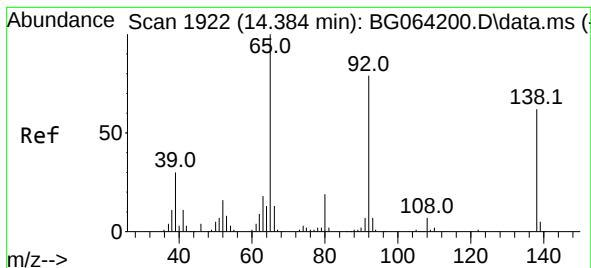
Tgt Ion:165 Resp: 91865
Ion Ratio Lower Upper
165 100
63 79.8 54.9 82.3
89 69.0 52.5 78.7



#52
Acenaphthene
Concen: 48.093 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:154 Resp: 326646
Ion Ratio Lower Upper
154 100
153 112.6 86.9 130.3
152 51.3 40.2 60.2

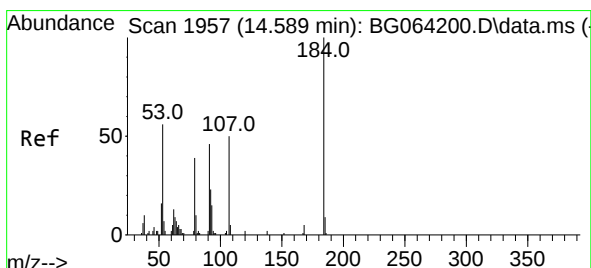
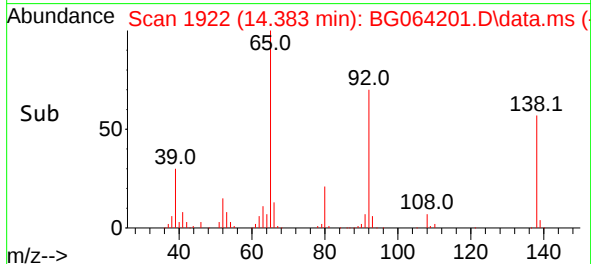
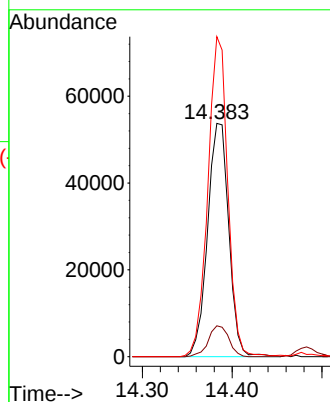
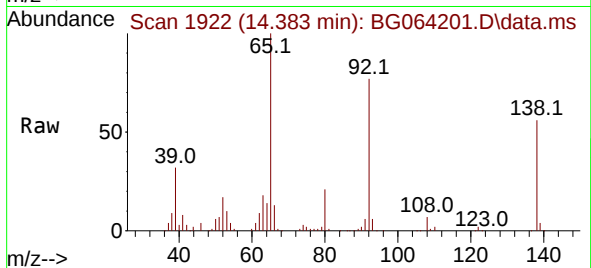




#53
3-Nitroaniline
Concen: 49.347 ng
RT: 14.383 min Scan# 1922
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

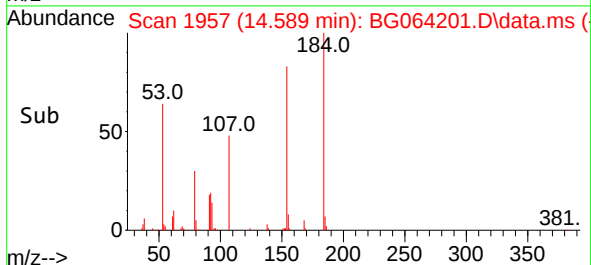
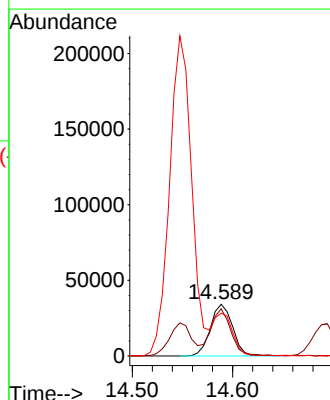
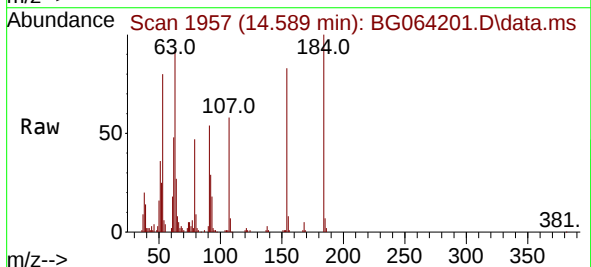
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

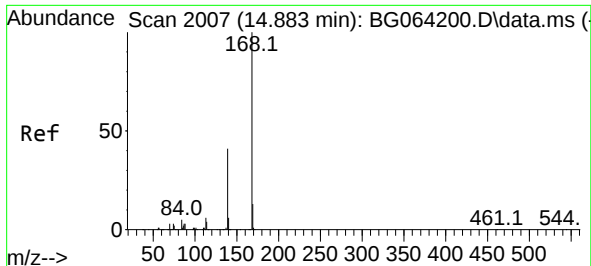
Tgt Ion:138 Resp: 88133
Ion Ratio Lower Upper
138 100
108 13.3 9.1 13.7
92 137.2 101.0 151.6



#54
2,4-Dinitrophenol
Concen: 47.135 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:184 Resp: 52646
Ion Ratio Lower Upper
184 100
63 91.5 59.0 88.6#
154 83.2 62.1 93.1

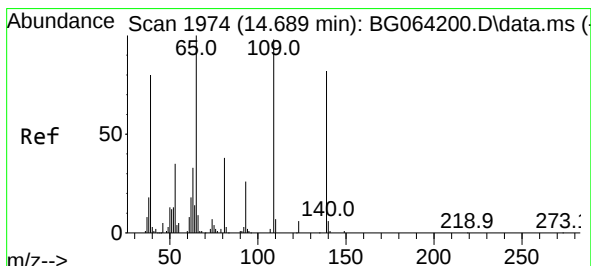
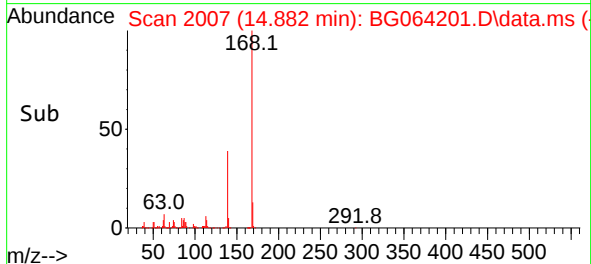
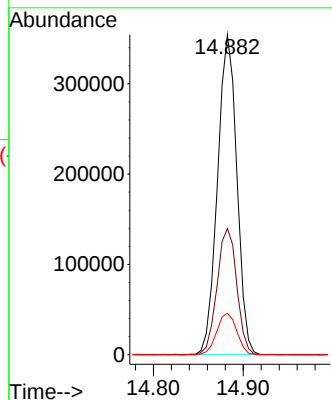
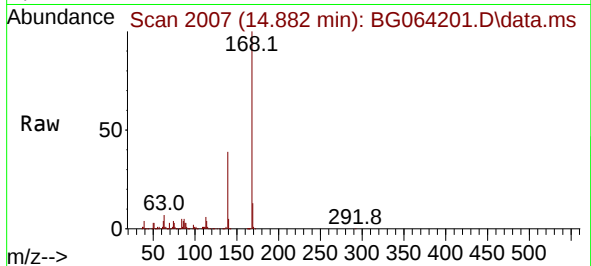




#55
Dibenzenofuran
Concen: 48.299 ng
RT: 14.882 min Scan# 2007
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

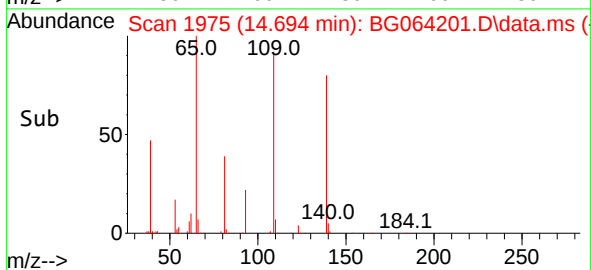
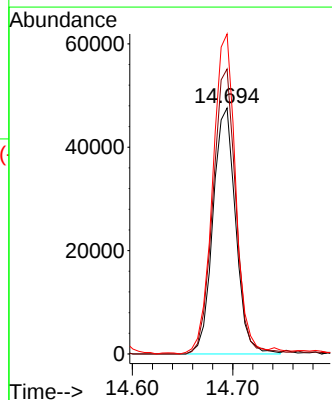
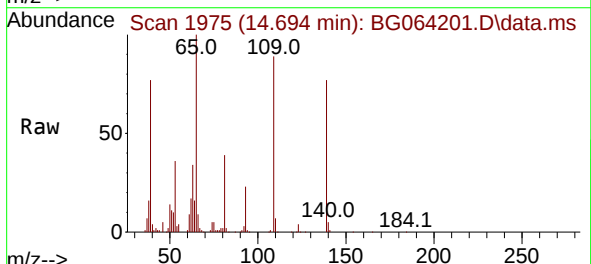
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

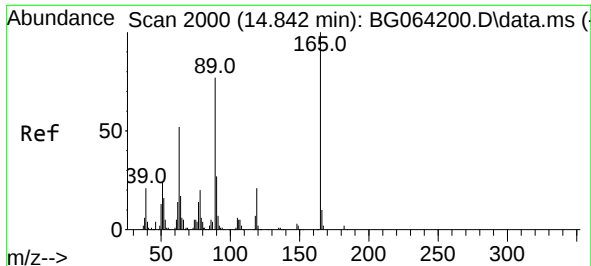
Tgt Ion:168 Resp: 529210
Ion Ratio Lower Upper
168 100
139 39.4 32.7 49.1
169 13.0 10.7 16.1



#56
4-Nitrophenol
Concen: 51.695 ng
RT: 14.694 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:139 Resp: 74730
Ion Ratio Lower Upper
139 100
109 115.9 99.9 139.9
65 130.2 102.6 142.6

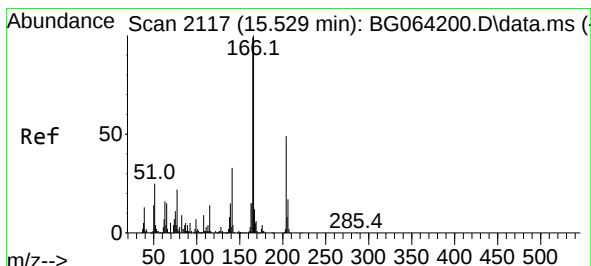
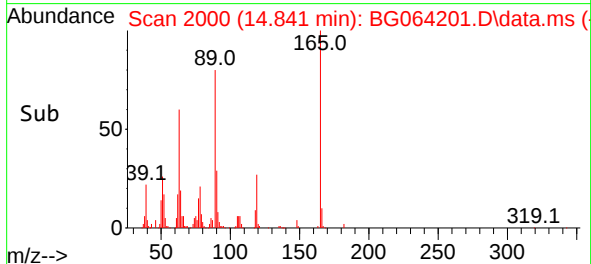
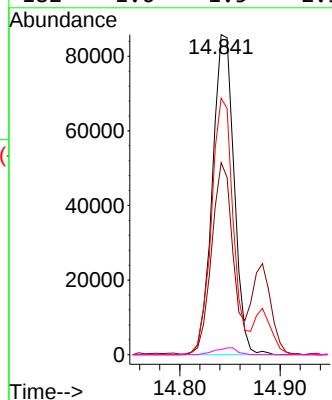
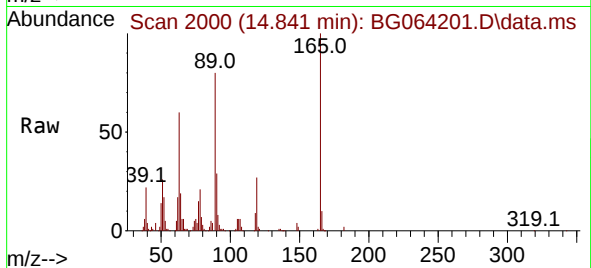




#57
2,4-Dinitrotoluene
Concen: 49.659 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

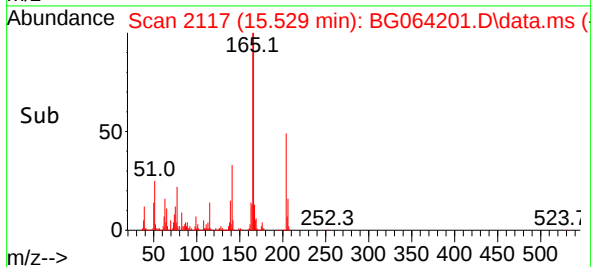
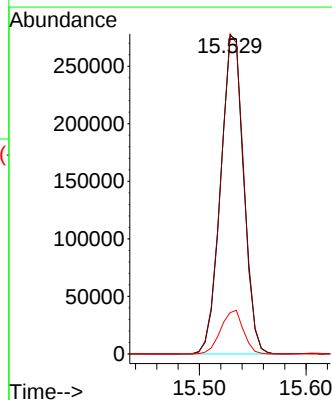
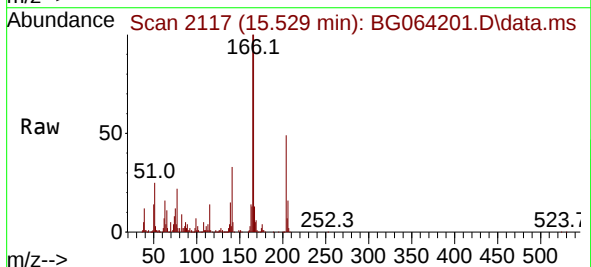
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

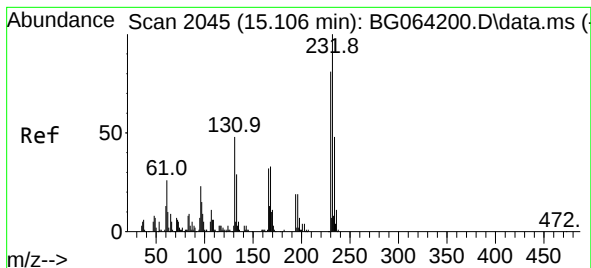
Tgt Ion:165 Resp: 128514
Ion Ratio Lower Upper
165 100
63 60.0 42.2 63.2
89 80.2 61.3 91.9
182 1.6 1.5 2.3



#58
Fluorene
Concen: 47.635 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:166 Resp: 413882
Ion Ratio Lower Upper
166 100
165 100.5 79.2 118.8
167 13.0 9.6 14.4

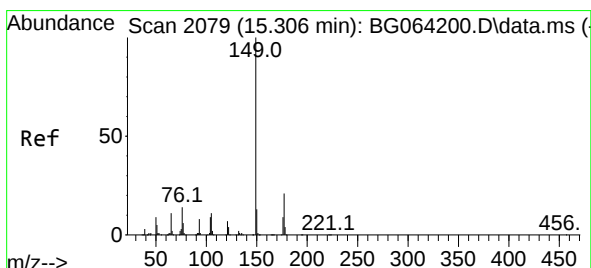
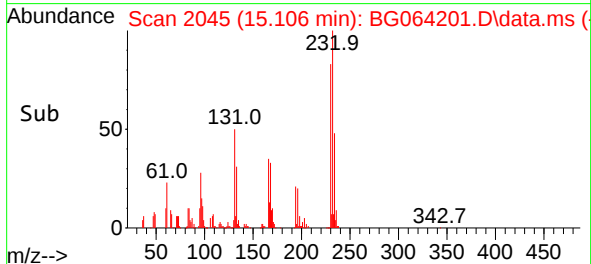
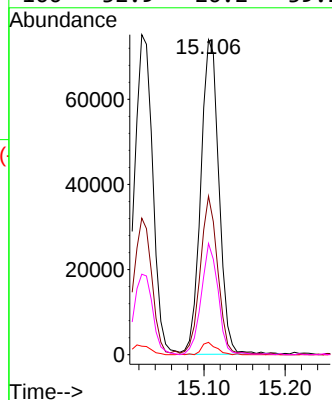
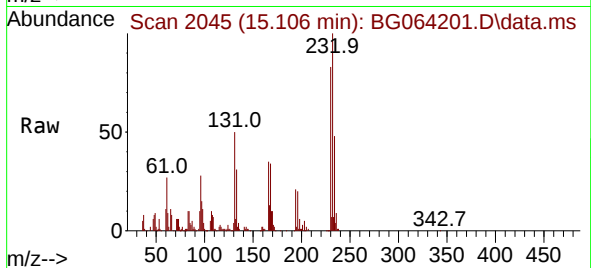




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.332 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

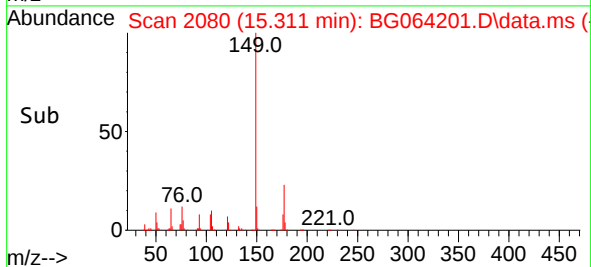
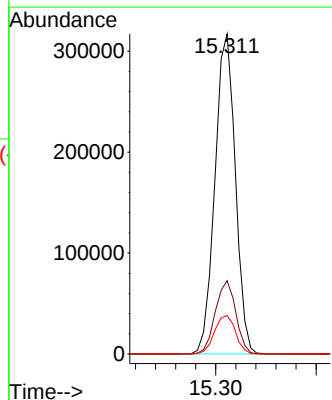
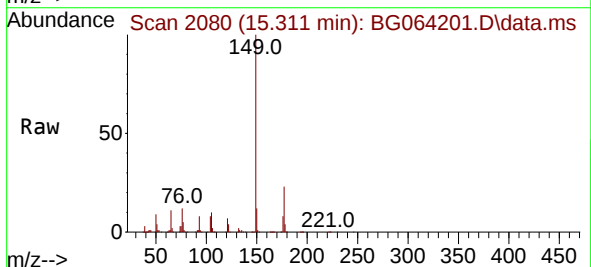
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

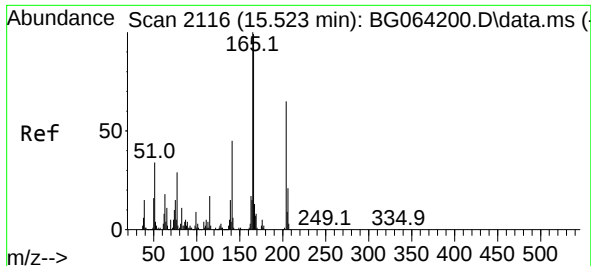
Tgt Ion:232 Resp: 114880
Ion Ratio Lower Upper
232 100
131 48.6 37.4 56.2
130 3.3 1.1 1.7#
166 32.9 26.2 39.2



#60
Diethylphthalate
Concen: 47.052 ng
RT: 15.311 min Scan# 2080
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:149 Resp: 447256
Ion Ratio Lower Upper
149 100
177 22.9 16.6 25.0
150 12.0 10.4 15.6

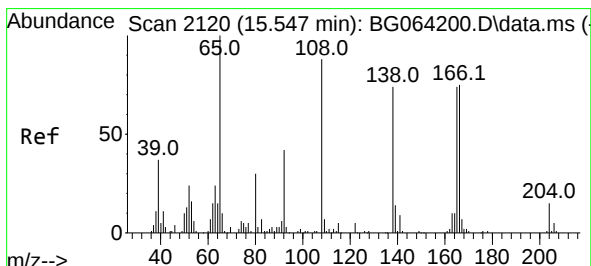
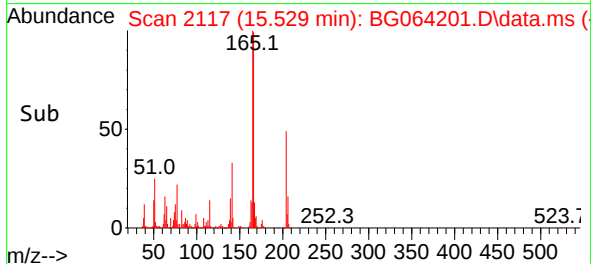
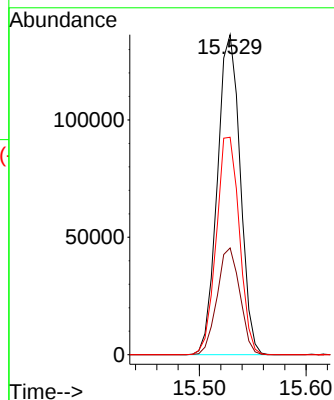
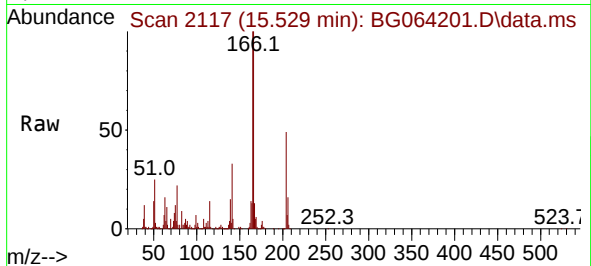




#61
4-Chlorophenyl-phenylether
Concen: 46.623 ng
RT: 15.529 min Scan# 2117
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

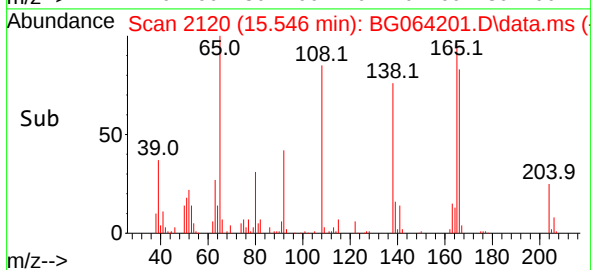
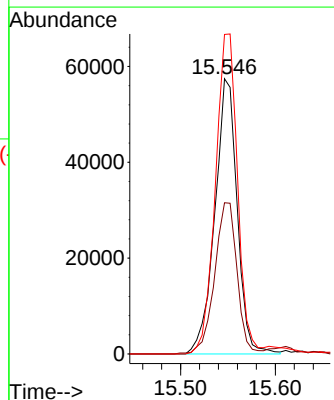
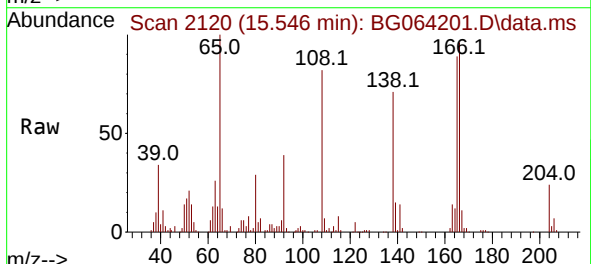
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

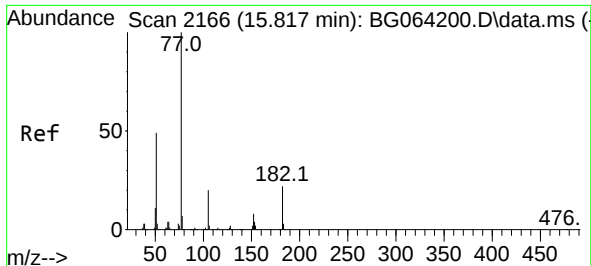
Tgt Ion:204 Resp: 202559
Ion Ratio Lower Upper
204 100
206 33.4 25.7 38.5
141 68.0 55.1 82.7



#62
4-Nitroaniline
Concen: 51.957 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:138 Resp: 94152
Ion Ratio Lower Upper
138 100
92 54.9 37.5 77.5
108 116.1 99.5 139.5

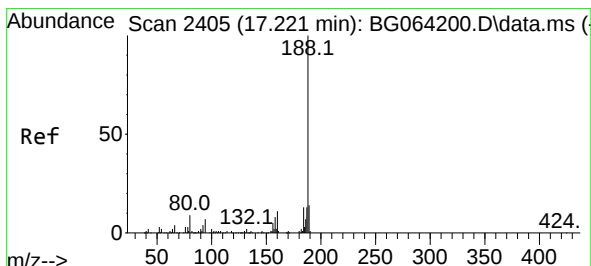
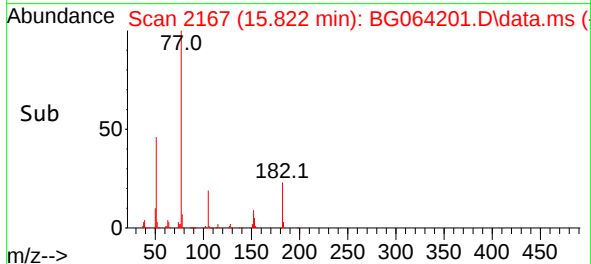
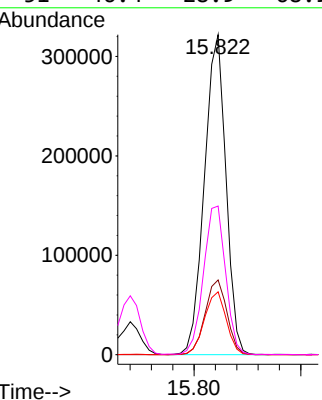
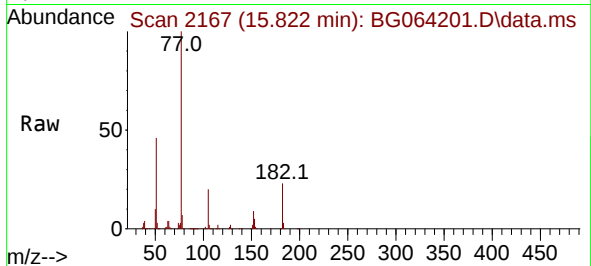




#63
Azobenzene
Concen: 48.393 ng
RT: 15.822 min Scan# 2166
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

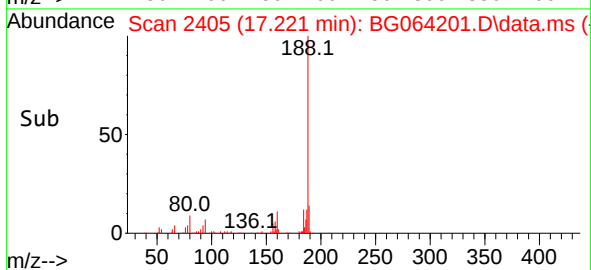
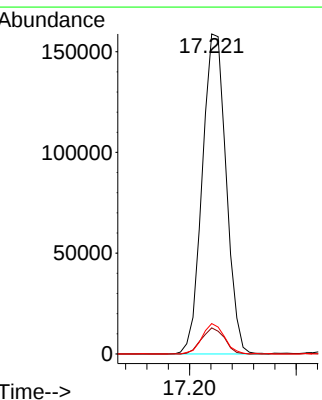
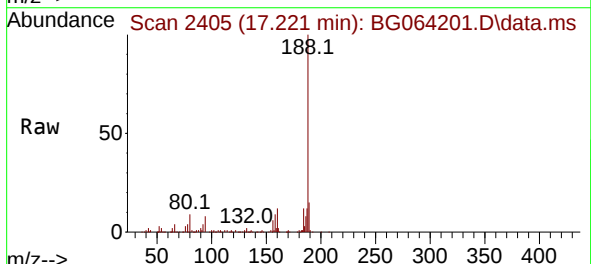
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

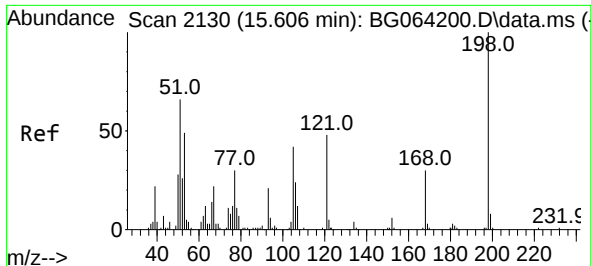
Tgt Ion: 77	Resp: 450528
Ion Ratio	Lower Upper
77 100	
182 23.3	2.4 42.4
105 19.6	0.0 39.7
51 46.4	28.9 68.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 2405
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:188	Resp: 246592
Ion Ratio	Lower Upper
188 100	
94 8.2	5.7 8.5
80 9.5	6.9 10.3

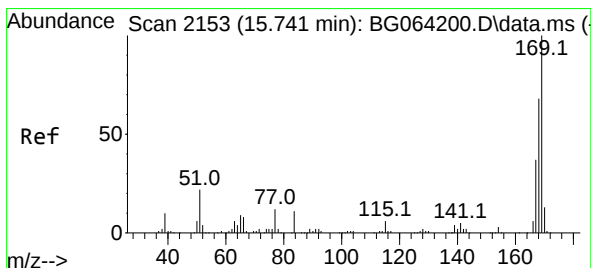
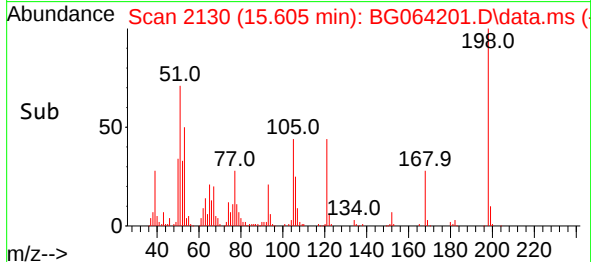
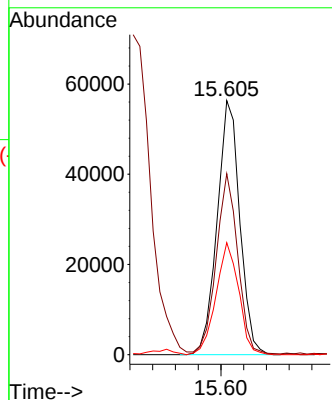
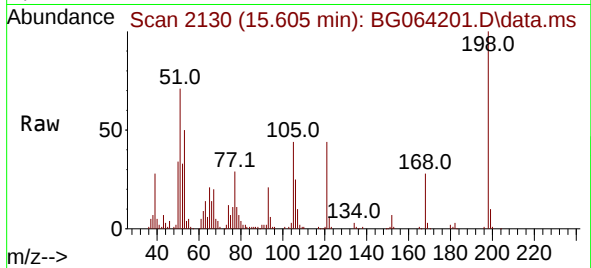




#65
4,6-Dinitro-2-methylphenol
Concen: 53.656 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

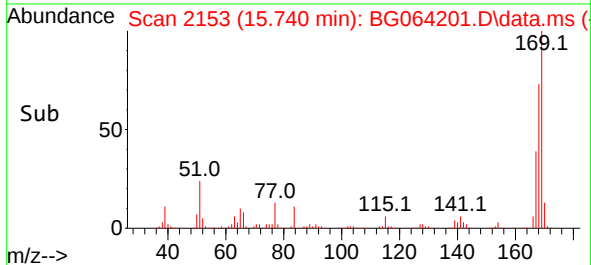
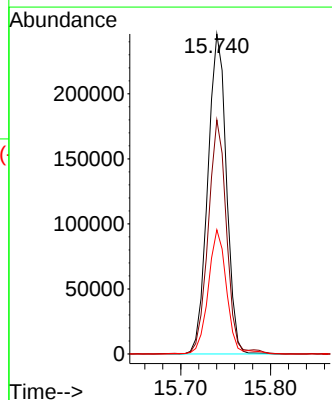
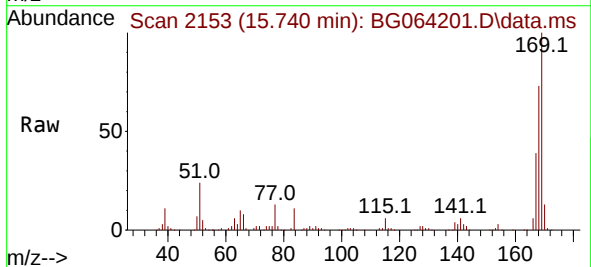
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

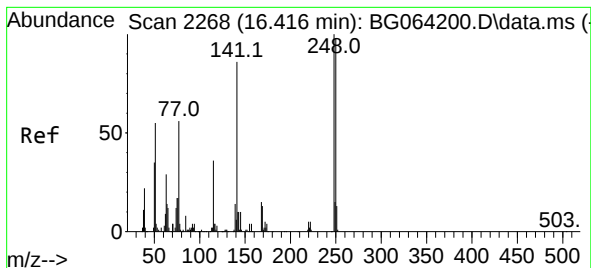
Tgt Ion:198 Resp: 78006
Ion Ratio Lower Upper
198 100
51 71.2 47.9 87.9
105 44.1 22.8 62.8



#66
n-Nitrosodiphenylamine
Concen: 48.933 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:169 Resp: 353306
Ion Ratio Lower Upper
169 100
168 73.2 55.0 82.4
167 38.8 29.4 44.0

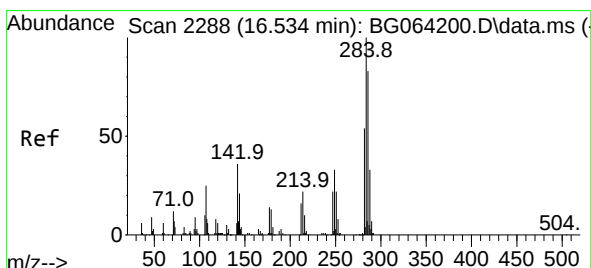
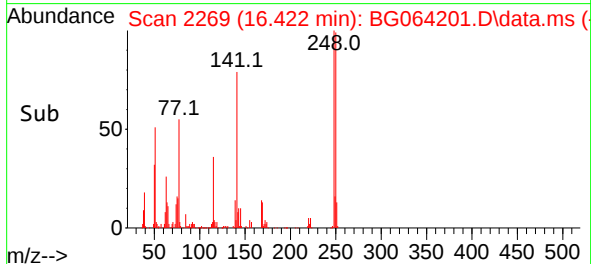
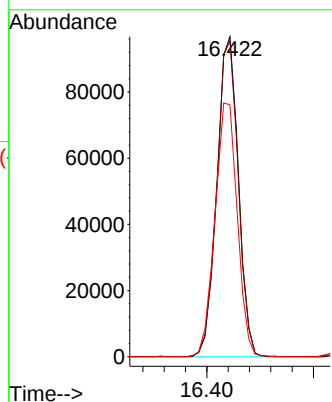
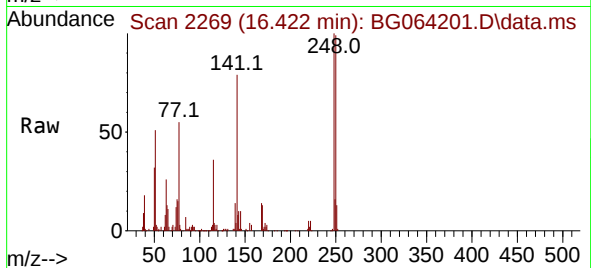




#67
4-Bromophenyl-phenylether
Concen: 48.927 ng
RT: 16.422 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

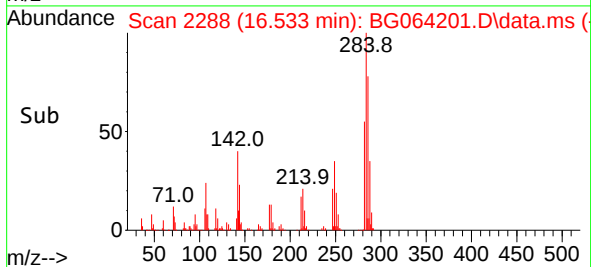
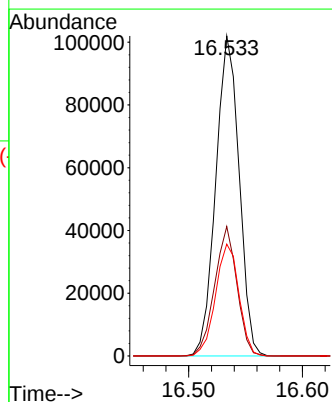
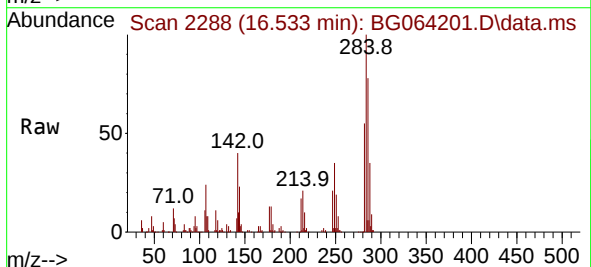
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

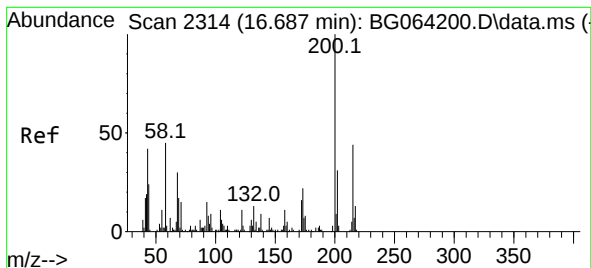
Tgt Ion:248 Resp: 135170
Ion Ratio Lower Upper
248 100
250 98.6 78.6 117.8
141 78.7 68.8 103.2



#68
Hexachlorobenzene
Concen: 48.778 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:284 Resp: 145522
Ion Ratio Lower Upper
284 100
142 40.4 28.9 43.3
249 35.0 26.6 39.8





#69

Atrazine

Concen: 24.788 ng

RT: 16.686 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

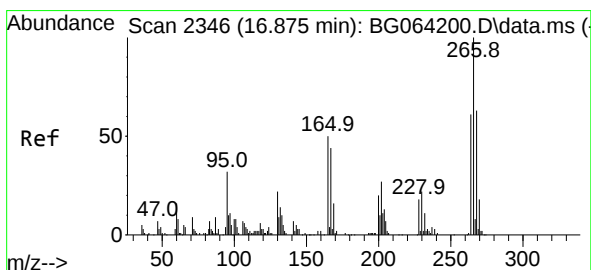
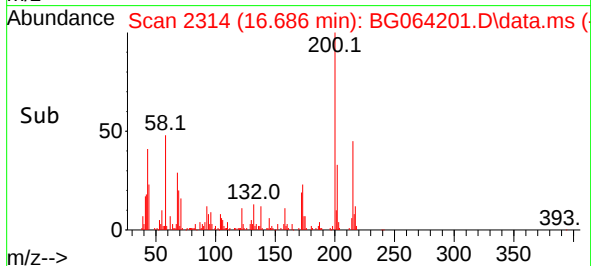
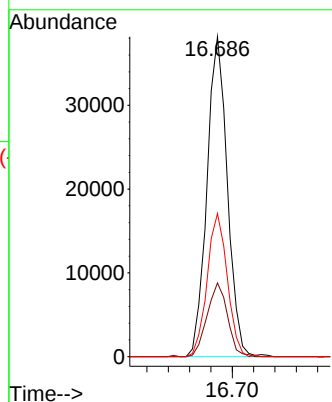
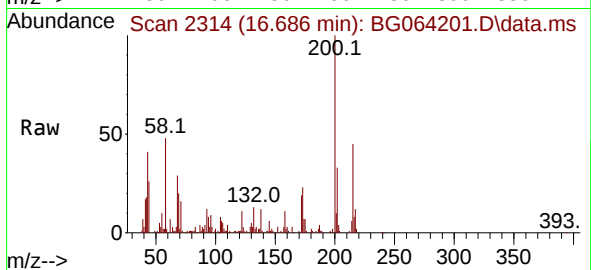
Tgt Ion:200 Resp: 50760

Ion Ratio Lower Upper

200 100

173 23.1 2.0 42.0

215 44.8 24.2 64.2



#70

Pentachlorophenol

Concen: 53.729 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

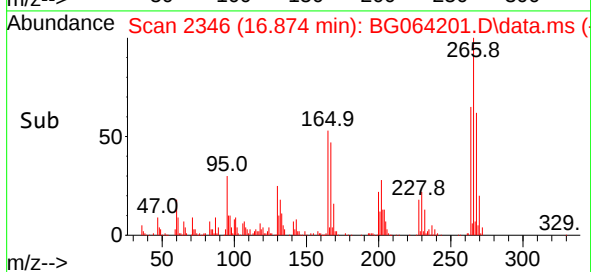
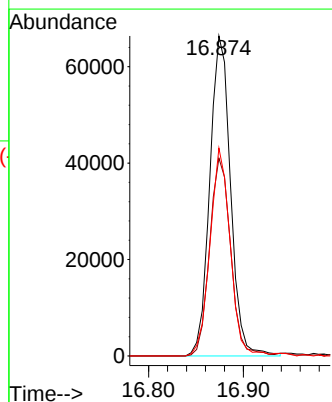
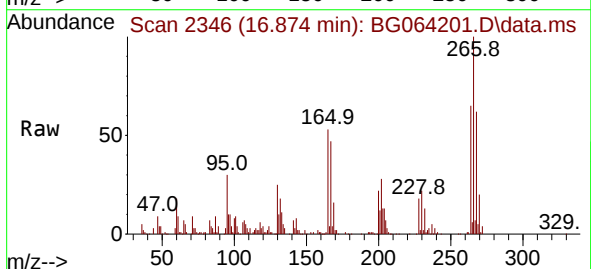
Tgt Ion:266 Resp: 101011

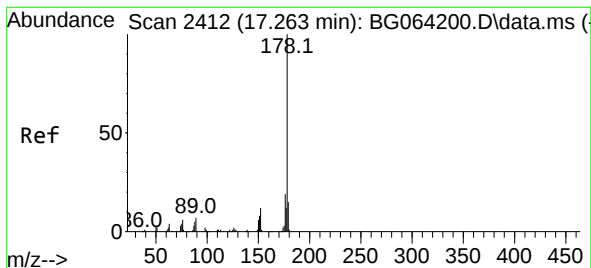
Ion Ratio Lower Upper

266 100

268 61.8 50.4 75.6

264 65.0 49.1 73.7

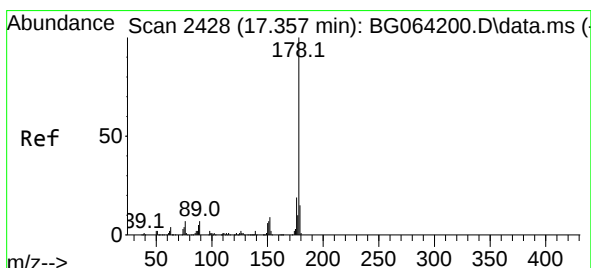
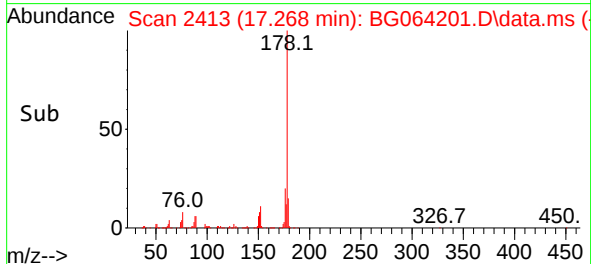
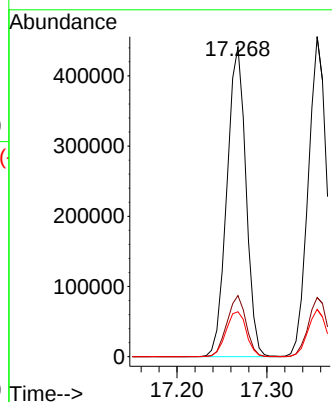
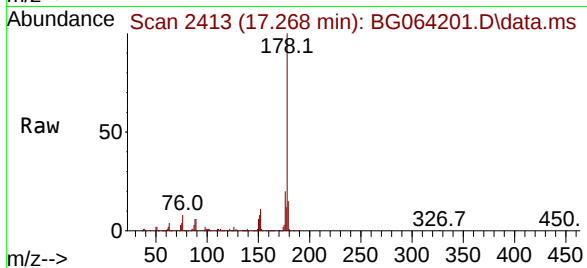




#71
Phenanthrene
Concen: 48.787 ng
RT: 17.268 min Scan# 2412
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

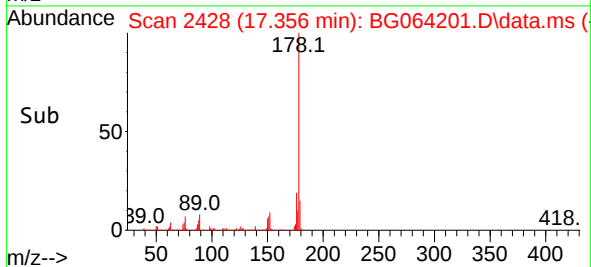
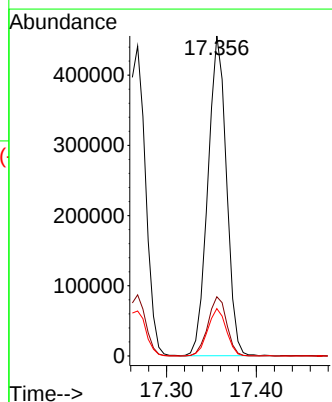
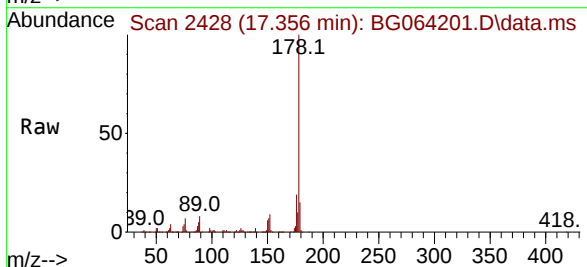
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

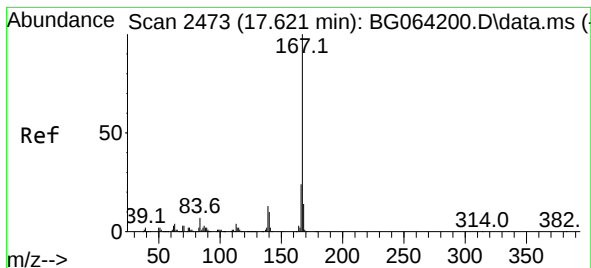
Tgt Ion:178 Resp: 649364
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 14.5 12.1 18.1



#72
Anthracene
Concen: 49.275 ng
RT: 17.356 min Scan# 2428
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:178 Resp: 653403
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 14.8 12.2 18.2





#73

Carbazole

Concen: 49.674 ng

RT: 17.626 min Scan# 24

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

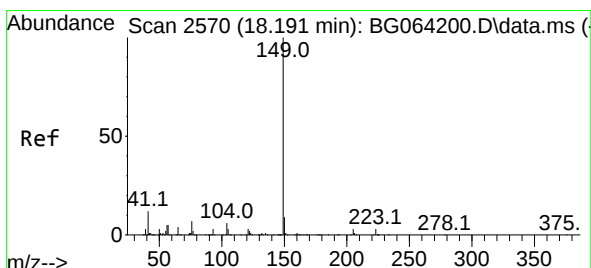
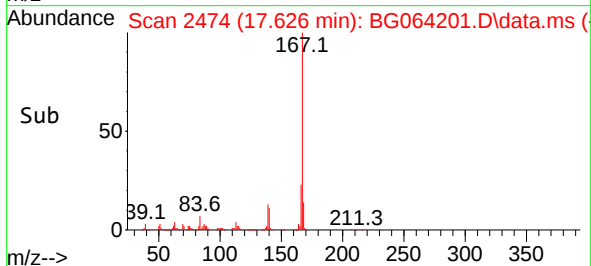
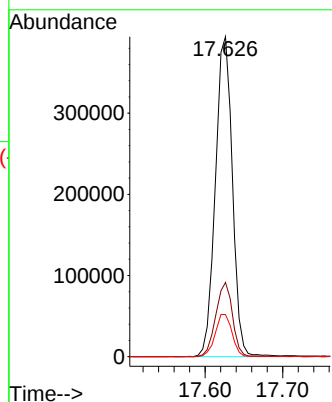
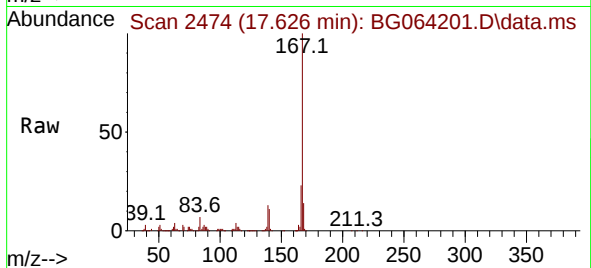
Tgt Ion:167 Resp: 600893

Ion Ratio Lower Upper

167 100

166 23.2 19.0 28.4

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 49.931 ng

RT: 18.196 min Scan# 2571

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

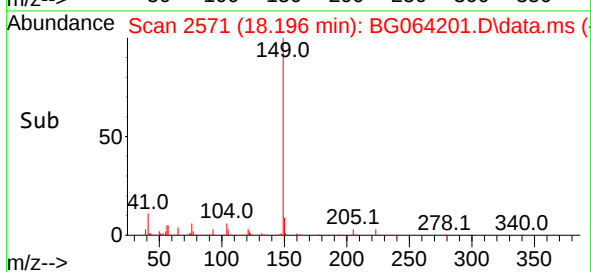
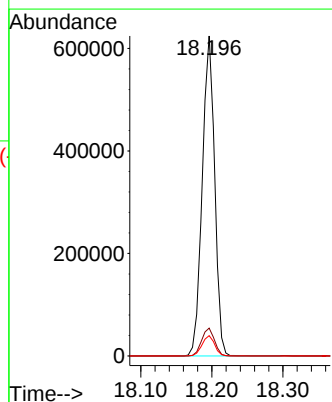
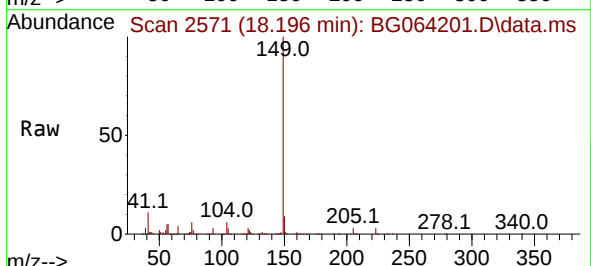
Tgt Ion:149 Resp: 759773

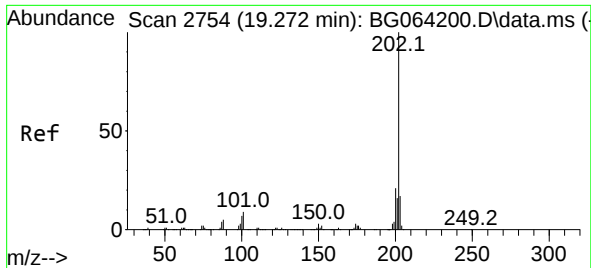
Ion Ratio Lower Upper

149 100

150 8.7 7.0 10.6

104 6.3 4.9 7.3

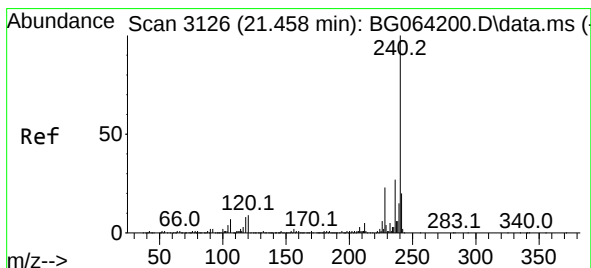
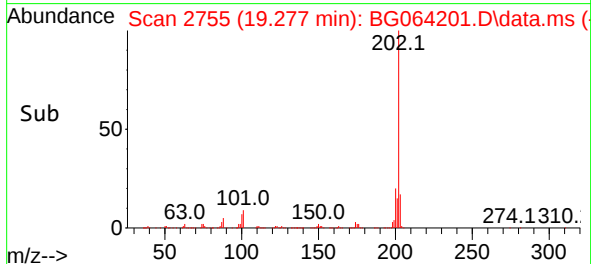
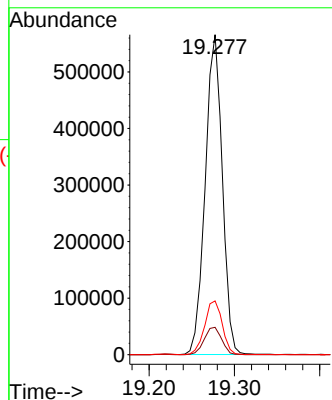
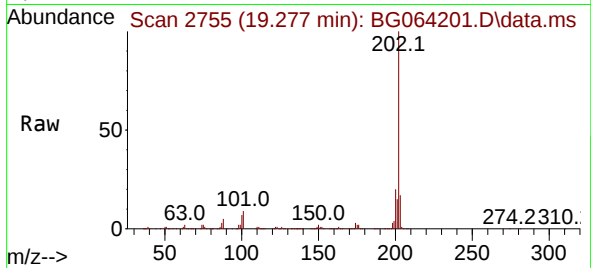




#75
Fluoranthene
Concen: 49.311 ng
RT: 19.277 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

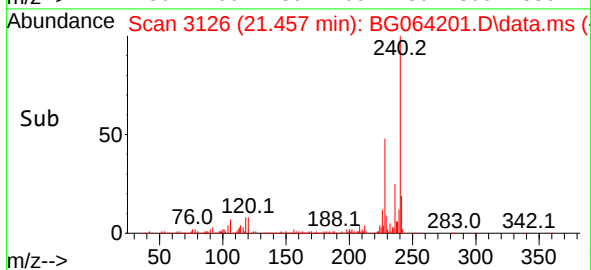
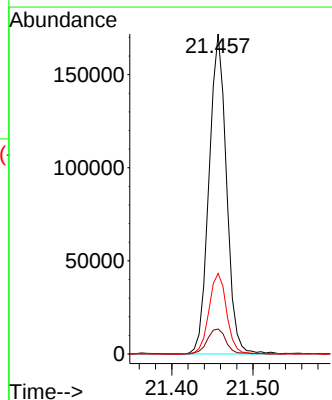
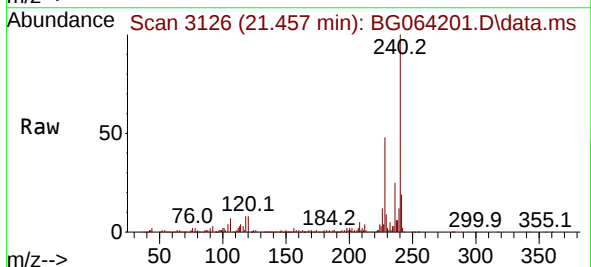
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

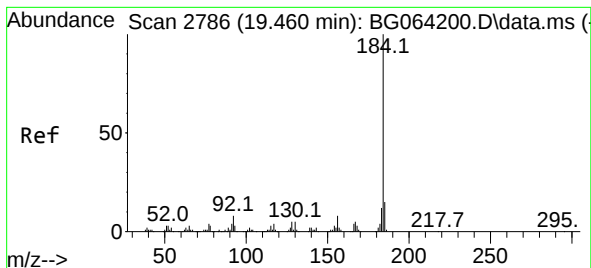
Tgt Ion:202 Resp: 787506
Ion Ratio Lower Upper
202 100
101 8.6 0.0 29.4
203 16.8 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:240 Resp: 256013
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.4
236 25.1 22.0 33.0





#77

Benzidine

Concen: 68.664 ng

RT: 19.459 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

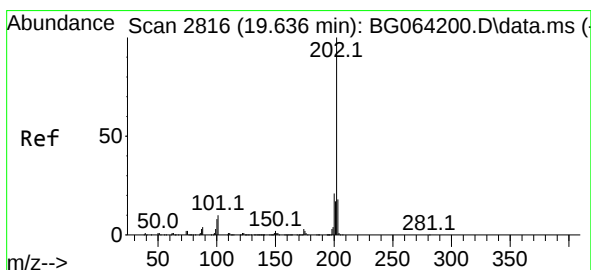
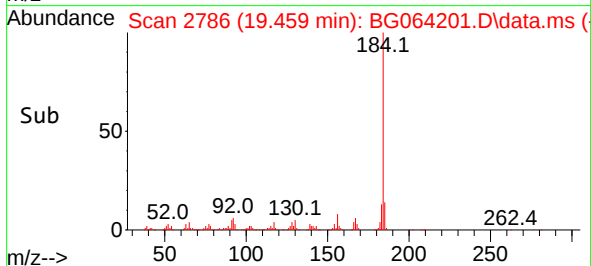
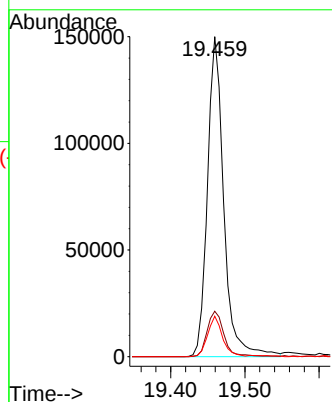
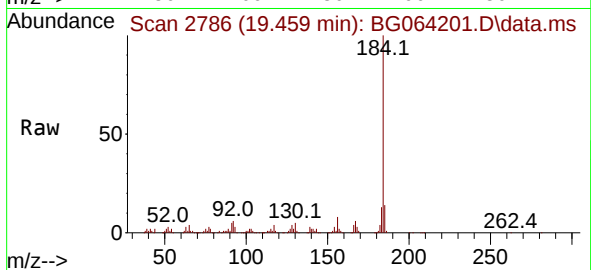
Tgt Ion:184 Resp: 229399

Ion Ratio Lower Upper

184 100

185 14.2 11.6 17.4

183 12.7 9.8 14.6



#78

Pyrene

Concen: 49.124 ng

RT: 19.636 min Scan# 2816

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

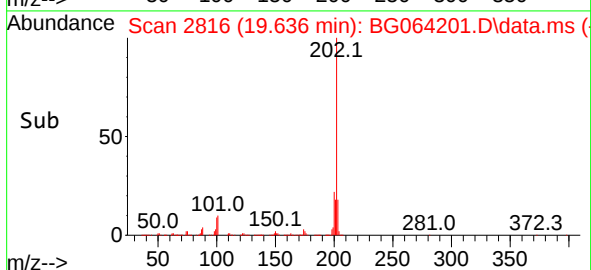
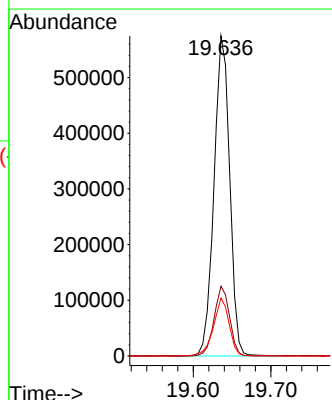
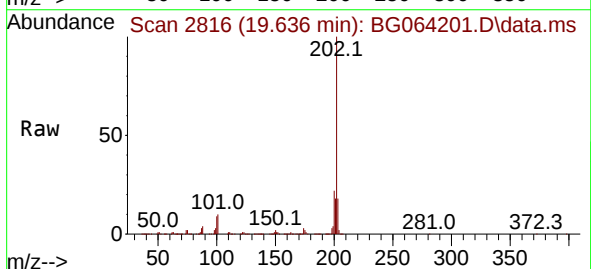
Tgt Ion:202 Resp: 807017

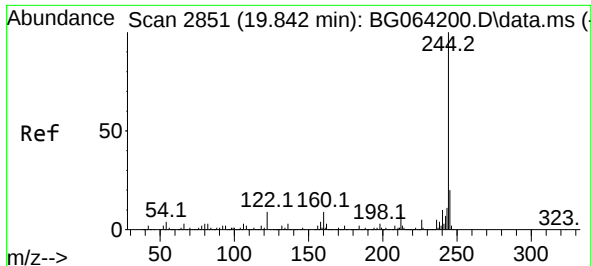
Ion Ratio Lower Upper

202 100

200 21.8 16.7 25.1

203 18.1 14.2 21.2

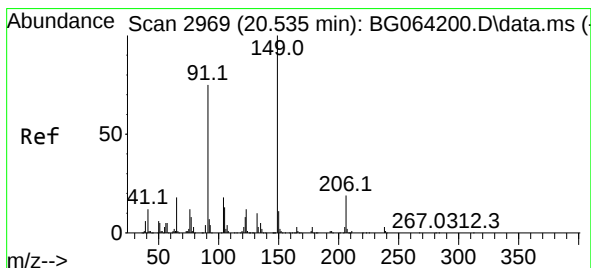
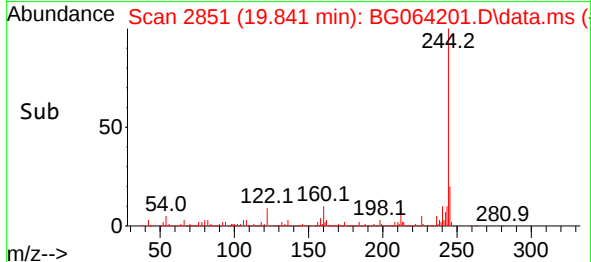
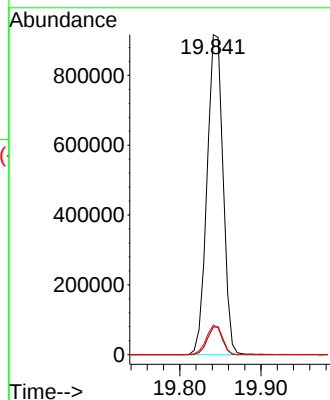
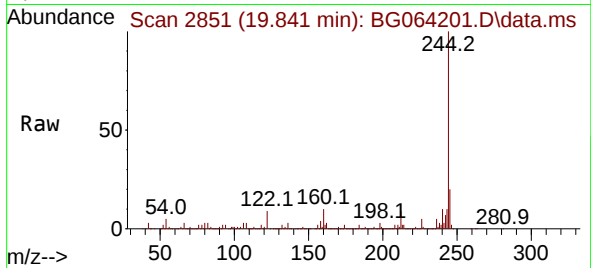




#79
 Terphenyl-d14
 Concen: 97.438 ng
 RT: 19.841 min Scan# 2851
 Delta R.T. -0.001 min
 Lab File: BG064201.D
 Acq: 7 Apr 2025 12:20

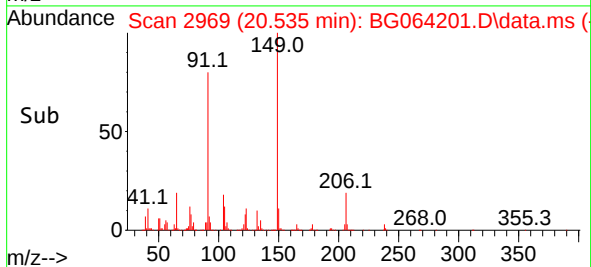
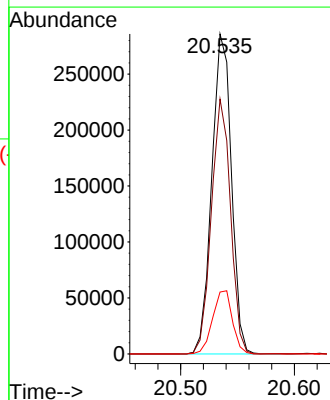
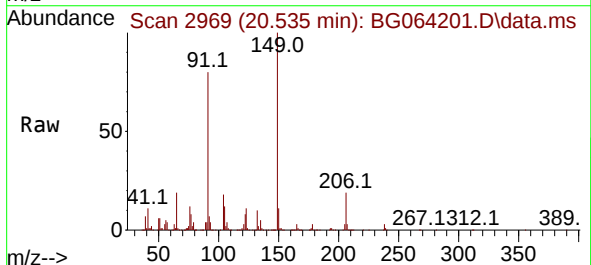
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

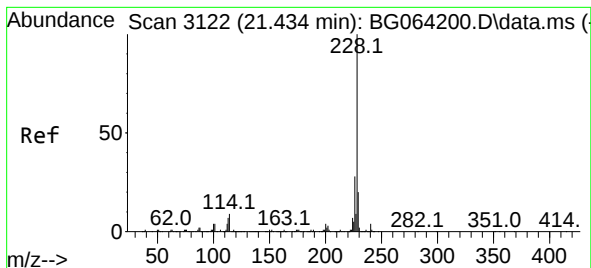
Tgt Ion:244 Resp: 1248506
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.7 10.1
 122 9.3 7.2 10.8



#80
 Butylbenzylphthalate
 Concen: 51.215 ng
 RT: 20.535 min Scan# 2969
 Delta R.T. -0.001 min
 Lab File: BG064201.D
 Acq: 7 Apr 2025 12:20

Tgt Ion:149 Resp: 342643
 Ion Ratio Lower Upper
 149 100
 91 79.6 60.1 90.1
 206 19.3 15.0 22.6





#81

Benzo(a)anthracene

Concen: 49.659 ng

RT: 21.439 min Scan# 3122

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

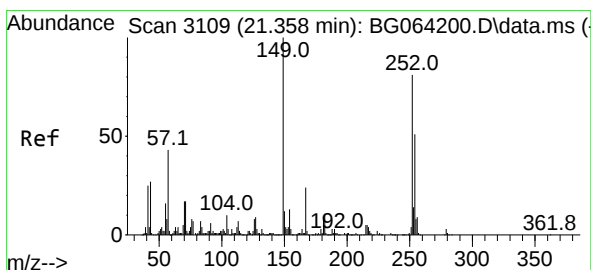
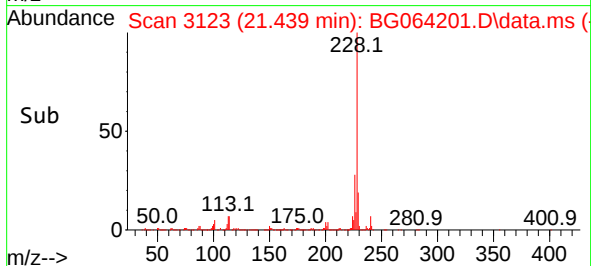
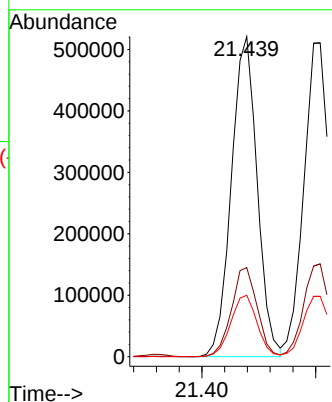
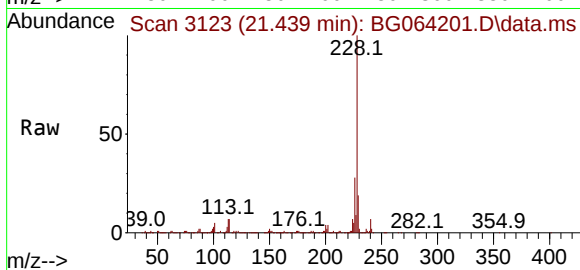
Tgt Ion:228 Resp: 821139

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 19.2 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 51.171 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

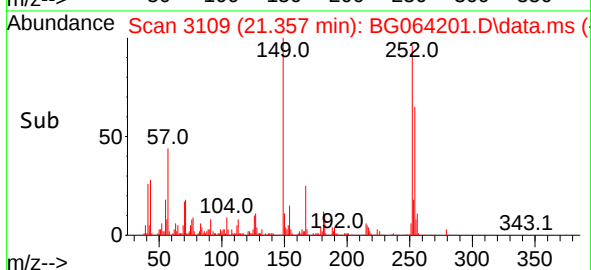
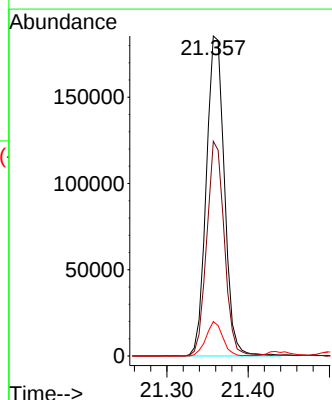
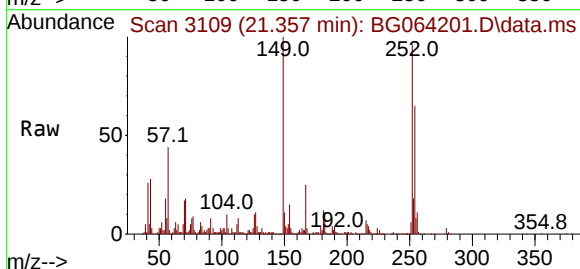
Tgt Ion:252 Resp: 286315

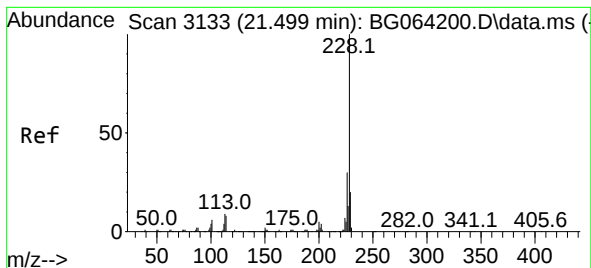
Ion Ratio Lower Upper

252 100

254 67.1 50.6 76.0

126 10.8 8.0 12.0





#83

Chrysene

Concen: 49.850 ng

RT: 21.504 min Scan# 3134

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

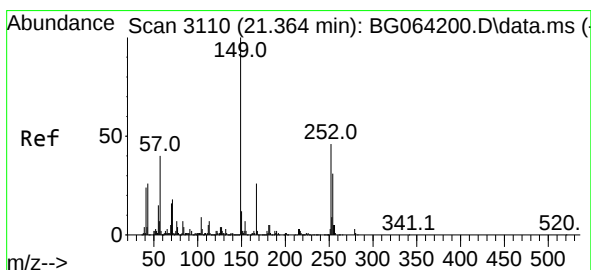
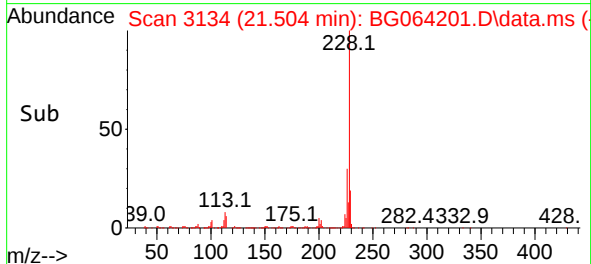
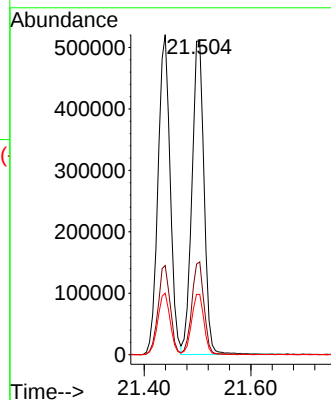
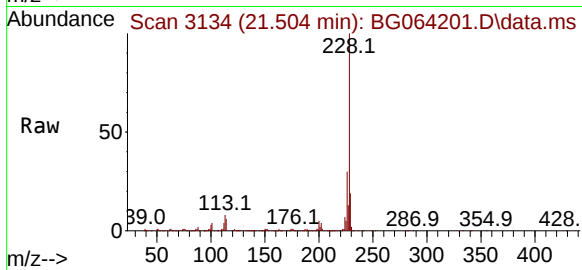
Tgt Ion:228 Resp: 809072

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.566 ng

RT: 21.369 min Scan# 3111

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

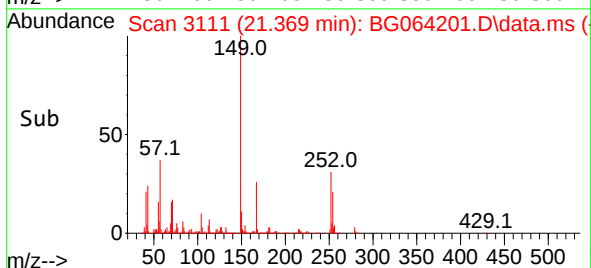
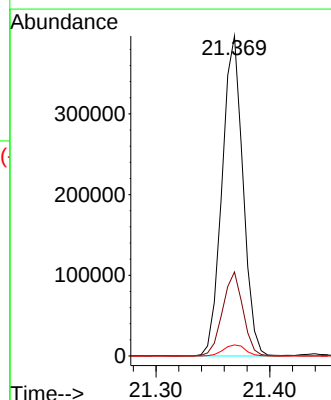
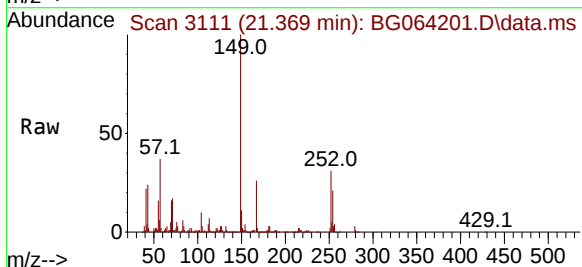
Tgt Ion:149 Resp: 505683

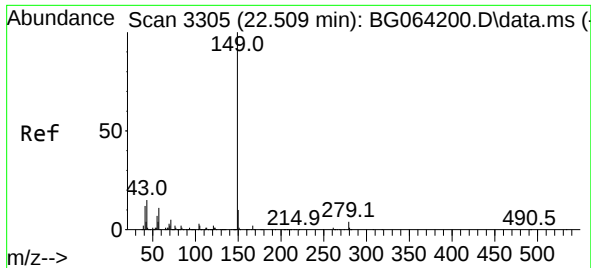
Ion Ratio Lower Upper

149 100

167 26.3 21.2 31.8

279 3.4 2.7 4.1

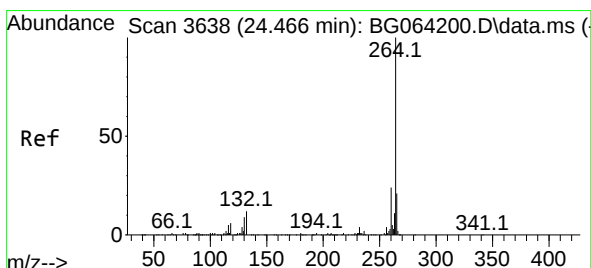
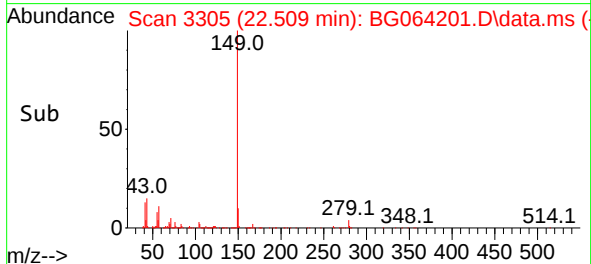
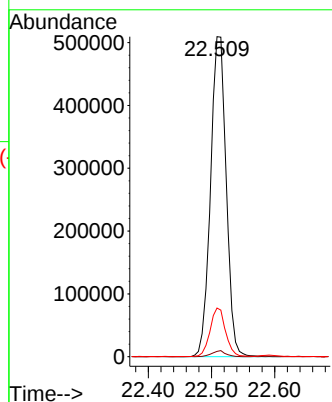
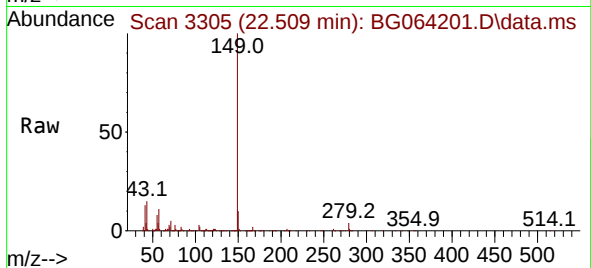




#85
Di-n-octyl phthalate
Concen: 50.621 ng
RT: 22.509 min Scan# 31
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

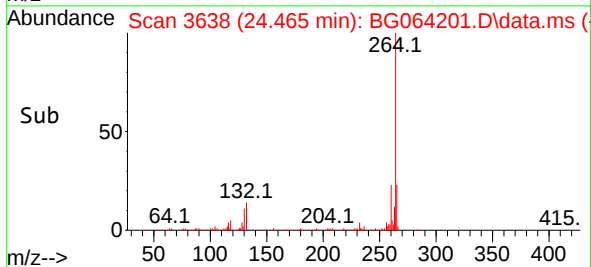
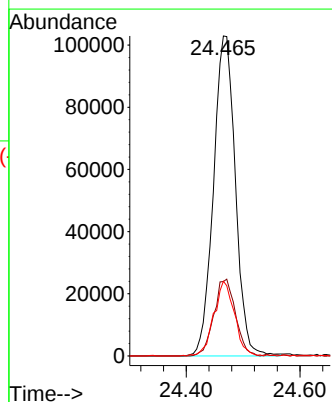
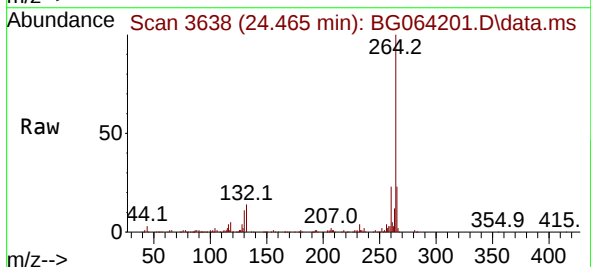
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

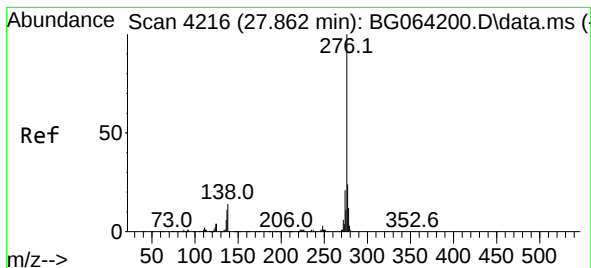
Tgt Ion:149 Resp: 876501
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 15.0 12.0 18.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. -0.001 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:264 Resp: 275545
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 23.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.700 ng

RT: 27.873 min Scan# 4218

Delta R.T. 0.011 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

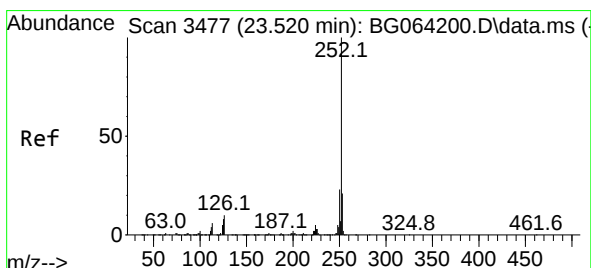
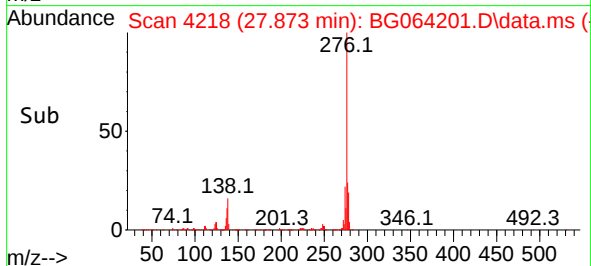
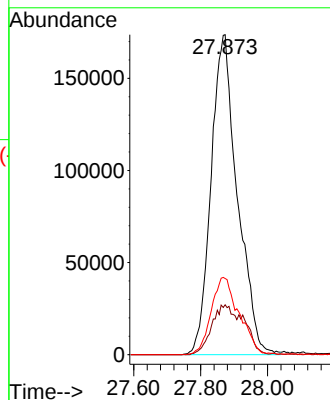
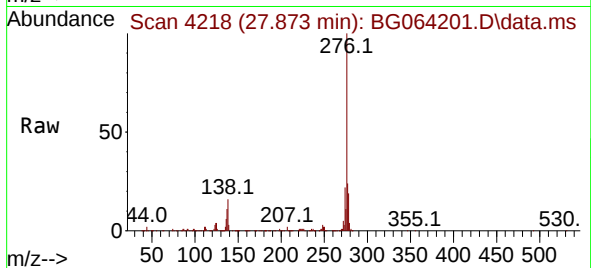
Tgt Ion:276 Resp: 949285

Ion Ratio Lower Upper

276 100

138 13.4 8.7 13.1#

277 25.7 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 49.310 ng

RT: 23.519 min Scan# 3477

Delta R.T. -0.001 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

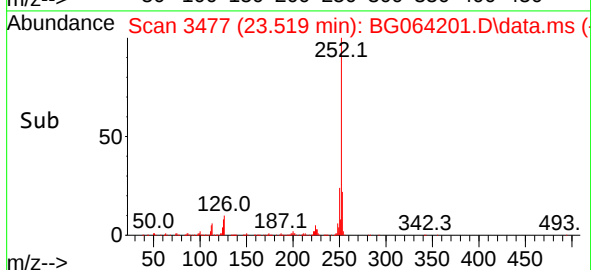
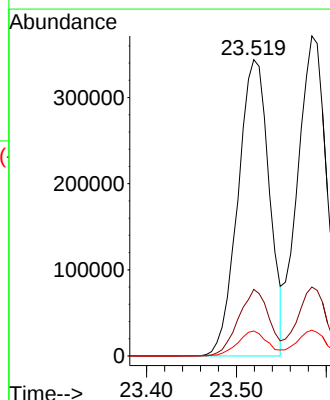
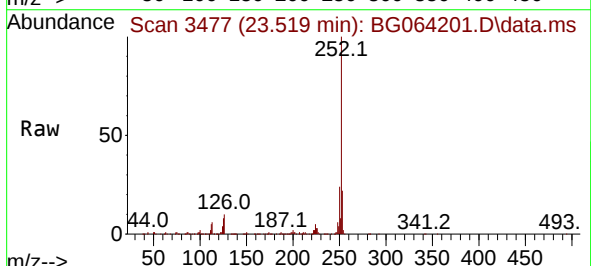
Tgt Ion:252 Resp: 833780

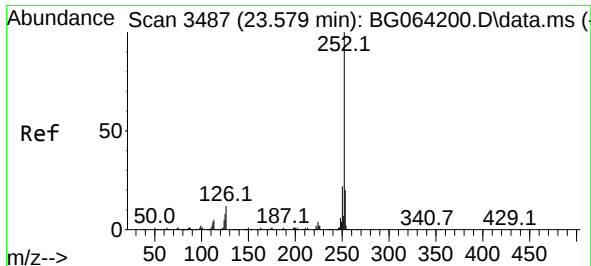
Ion Ratio Lower Upper

252 100

253 22.5 16.6 25.0

125 8.5 6.0 9.0

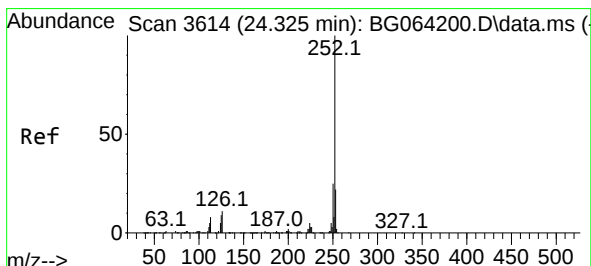
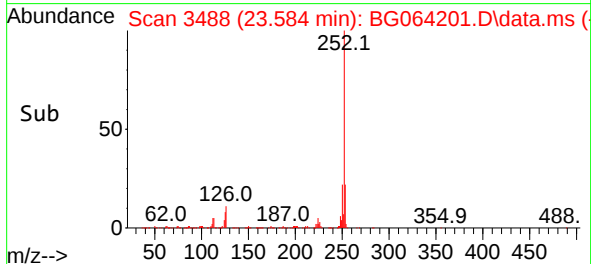
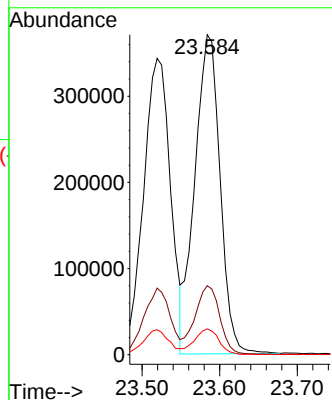
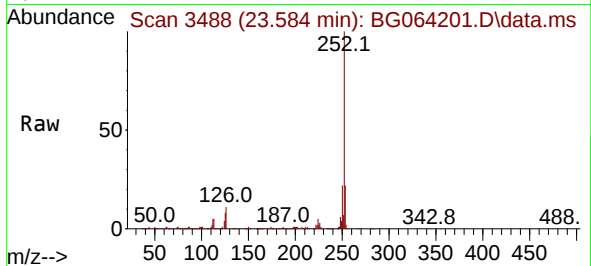




#89
Benzo(k)fluoranthene
Concen: 50.336 ng
RT: 23.584 min Scan# 3488
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

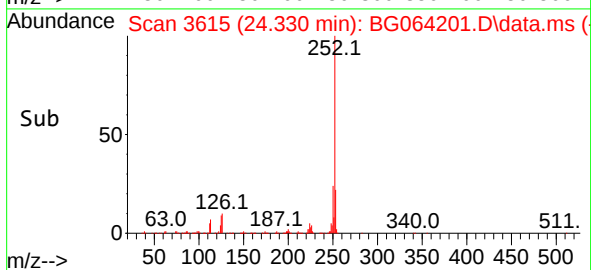
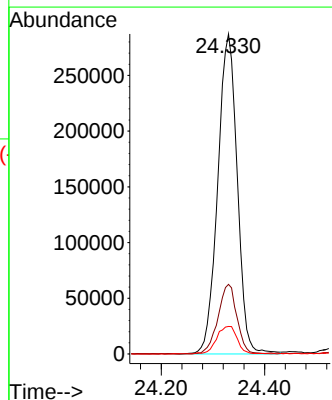
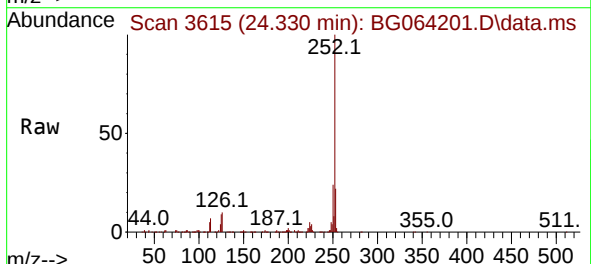
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

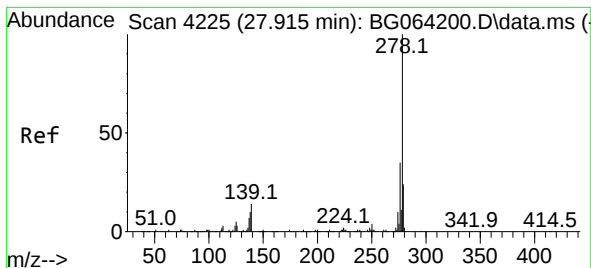
Tgt Ion:252 Resp: 837532
Ion Ratio Lower Upper
252 100
253 21.5 16.5 24.7
125 8.0 6.5 9.7



#90
Benzo(a)pyrene
Concen: 50.626 ng
RT: 24.330 min Scan# 3615
Delta R.T. 0.005 min
Lab File: BG064201.D
Acq: 7 Apr 2025 12:20

Tgt Ion:252 Resp: 751491
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.6 6.9 10.3





#91

Dibenzo(a,h)anthracene

Concen: 50.354 ng

RT: 27.932 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

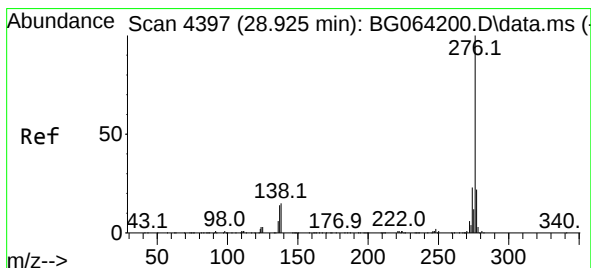
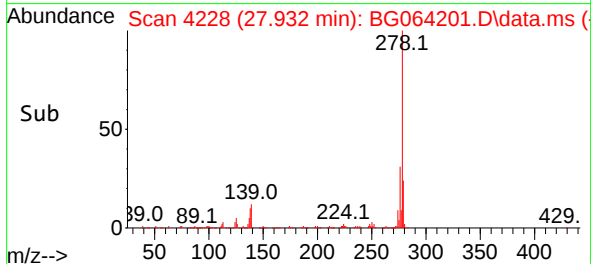
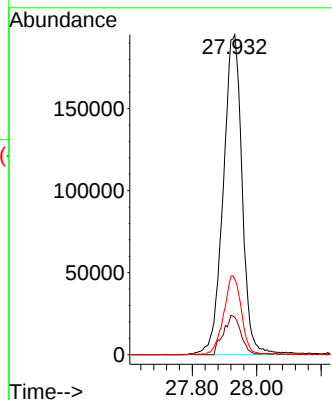
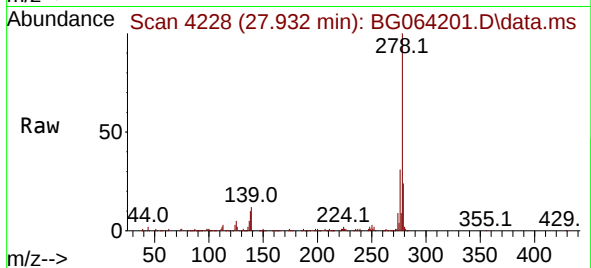
Tgt Ion:278 Resp: 792422

Ion Ratio Lower Upper

278 100

139 11.7 10.9 16.3

279 23.6 19.4 29.2



#92

Benzo(g,h,i)perylene

Concen: 50.046 ng

RT: 28.931 min Scan# 4398

Delta R.T. 0.005 min

Lab File: BG064201.D

Acq: 7 Apr 2025 12:20

Tgt Ion:276 Resp: 796154

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 17.3 11.9 17.9

