

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
 Data File : BG064073.D
 Acq On : 10 Mar 2025 9:23
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 10 10:59:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	33051	20.000	ng	0.00
21) Naphthalene-d8	10.650	136	147761	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	101106	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	218504	20.000	ng	0.00
76) Chrysene-d12	21.460	240	231279	20.000	ng	0.00
86) Perylene-d12	24.475	264	238878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	171587	81.064	ng	0.00
7) Phenol-d6	7.024	99	236298	82.061	ng	0.00
23) Nitrobenzene-d5	9.016	82	233580	87.358	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	98005	87.204	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	565705	84.928	ng	0.00
79) Terphenyl-d14	19.851	244	898849	78.583	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	40108	41.810	ng	99
3) Pyridine	3.758	79	106245	45.540	ng	96
4) n-Nitrosodimethylamine	3.675	42	79573	47.738	ng	94
6) Aniline	7.189	93	116241	41.139	ng	95
8) 2-Chlorophenol	7.430	128	95243	41.895	ng	92
9) Benzaldehyde	7.001	77	59376	35.455	ng	95
10) Phenol	7.054	94	121333	41.155	ng	98
11) bis(2-Chloroethyl)ether	7.289	93	92355	39.957	ng	97
12) 1,3-Dichlorobenzene	7.753	146	100736	40.352	ng	95
13) 1,4-Dichlorobenzene	7.900	146	103065	40.278	ng	95
14) 1,2-Dichlorobenzene	8.217	146	100133	40.582	ng	96
15) Benzyl Alcohol	8.094	79	95401	42.874	ng	88
16) 2,2'-oxybis(1-Chloropr...	8.393	45	206635	39.759	ng	99
17) 2-Methylphenol	8.299	107	82222	42.021	ng	95
18) Hexachloroethane	8.940	117	37710	42.121	ng	99
19) n-Nitroso-di-n-propyla...	8.670	70	81558	40.358	ng	98
20) 3+4-Methylphenols	8.628	107	112843	41.891	ng	91
22) Acetophenone	8.681	105	164988	40.725	ng	# 96
24) Nitrobenzene	9.057	77	115698	41.870	ng	95
25) Isophorone	9.580	82	207624	38.795	ng	# 95
26) 2-Nitrophenol	9.762	139	40140	43.114	ng	95
27) 2,4-Dimethylphenol	9.827	122	68243	42.535	ng	94
28) bis(2-Chloroethoxy)met...	10.062	93	127113	39.176	ng	98
29) 2,4-Dichlorophenol	10.297	162	88411	43.641	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	98998	40.480	ng	93
31) Naphthalene	10.702	128	329350	41.336	ng	100
32) Benzoic acid	9.962	122	54683m	39.087	ng	
33) 4-Chloroaniline	10.802	127	121083	41.579	ng	98
34) Hexachlorobutadiene	10.996	225	66450	41.454	ng	97
35) Caprolactam	11.566	113	30067	38.729	ng	90
36) 4-Chloro-3-methylphenol	11.925	107	115109	43.347	ng	97
37) 2-Methylnaphthalene	12.312	142	239968	42.662	ng	97
38) 1-Methylnaphthalene	12.530	142	234630	42.577	ng	97
40) 1,2,4,5-Tetrachloroben...	12.677	216	121225	41.997	ng	98
41) Hexachlorocyclopentadiene	12.665	237	37804	46.533	ng	95
43) 2,4,6-Trichlorophenol	12.918	196	78246	45.994	ng	91

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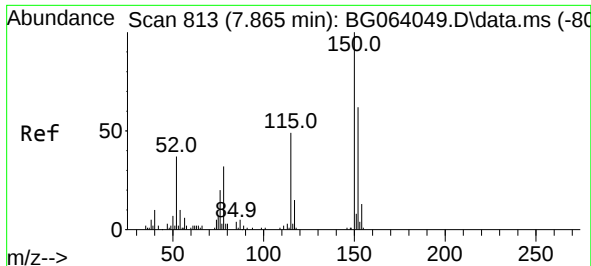
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	85782	45.380	ng	98
46) 1,1'-Biphenyl	13.323	154	326469	42.739	ng	99
47) 2-Chloronaphthalene	13.364	162	233170	41.853	ng	98
48) 2-Nitroaniline	13.558	65	75649	42.053	ng	92
49) Acenaphthylene	14.210	152	361829	41.061	ng	100
50) Dimethylphthalate	13.946	163	294665	39.481	ng	100
51) 2,6-Dinitrotoluene	14.057	165	58897	39.535	ng	96
52) Acenaphthene	14.551	154	239713m	40.535	ng	
53) 3-Nitroaniline	14.381	138	60125	41.682	ng	99
54) 2,4-Dinitrophenol	14.592	184	19576	35.836	ng	99
55) Dibenzofuran	14.886	168	387167	40.413	ng	98
56) 4-Nitrophenol	14.692	139	48293	39.920	ng	91
57) 2,4-Dinitrotoluene	14.845	165	82152	39.981	ng	# 94
58) Fluorene	15.532	166	297687	39.896	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	80517	43.692	ng	# 97
60) Diethylphthalate	15.315	149	324148	40.007	ng	99
61) 4-Chlorophenyl-phenyle...	15.532	204	145401	39.213	ng	92
62) 4-Nitroaniline	15.550	138	65107	41.807	ng	88
63) Azobenzene	15.826	77	340580	39.392	ng	97
65) 4,6-Dinitro-2-methylph...	15.608	198	36088	39.895	ng	92
66) n-Nitrosodiphenylamine	15.744	169	262404	42.426	ng	99
67) 4-Bromophenyl-phenylether	16.425	248	93581	41.817	ng	95
68) Hexachlorobenzene	16.537	284	104692	41.786	ng	94
69) Atrazine	16.690	200	62375	34.275	ng	95
70) Pentachlorophenol	16.878	266	64797	41.654	ng	95
71) Phenanthrene	17.271	178	479519	41.144	ng	98
72) Anthracene	17.359	178	484980	41.849	ng	98
73) Carbazole	17.624	167	445367	41.162	ng	98
74) Di-n-butylphthalate	18.200	149	545972	42.868	ng	100
75) Fluoranthene	19.281	202	571089	40.646	ng	97
77) Benzidine	19.463	184	203789	63.633	ng	99
78) Pyrene	19.639	202	588965	39.505	ng	100
80) Butylbenzylphthalate	20.544	149	230728	41.755	ng	98
81) Benzo(a)anthracene	21.443	228	593862	40.085	ng	96
82) 3,3'-Dichlorobenzidine	21.366	252	199778	41.667	ng	98
83) Chrysene	21.502	228	576260	38.999	ng	99
84) Bis(2-ethylhexyl)phtha...	21.378	149	364766	45.526	ng	99
85) Di-n-octyl phthalate	22.524	149	607728	43.975	ng	98
87) Indeno(1,2,3-cd)pyrene	27.865	276	672971	42.106	ng	97
88) Benzo(b)fluoranthene	23.523	252	605854	41.954	ng	98
89) Benzo(k)fluoranthene	23.587	252	598826	41.334	ng	97
90) Benzo(a)pyrene	24.334	252	530514	41.250	ng	97
91) Dibenzo(a,h)anthracene	27.935	278	557315	42.060	ng	96
92) Benzo(g,h,i)perylene	28.928	276	570328	41.923	ng	99

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

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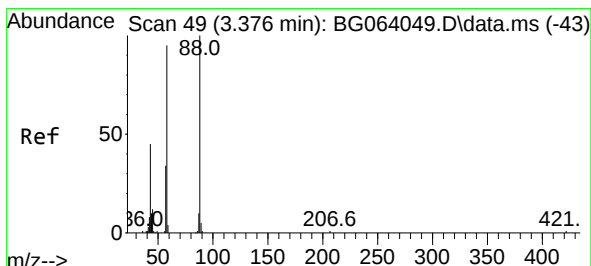
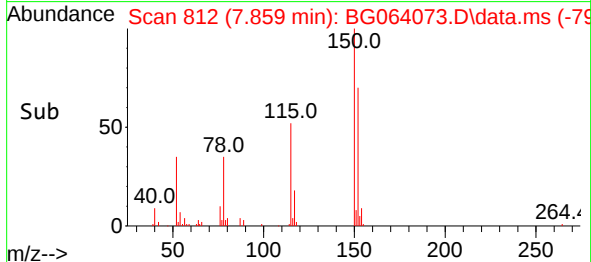
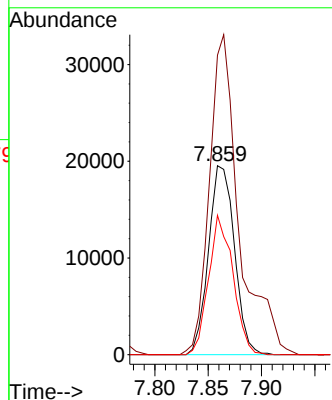
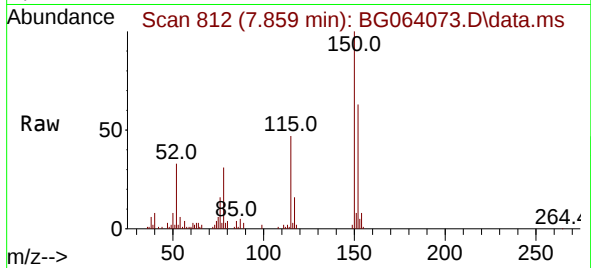




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.859 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG064073.D
 Acq: 10 Mar 2025 9:23

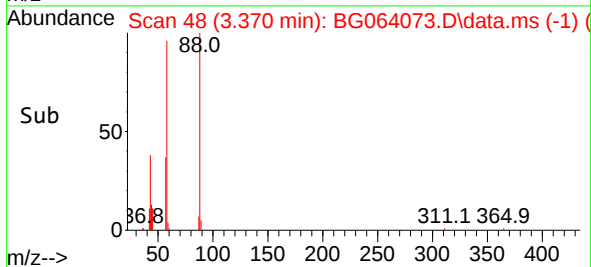
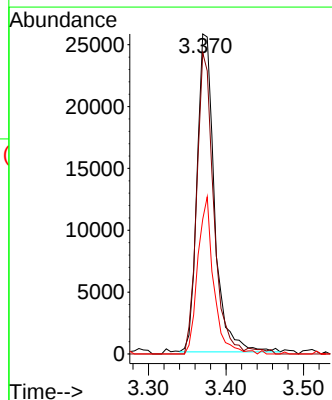
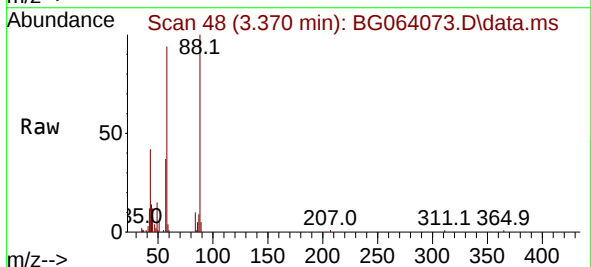
Instrument :
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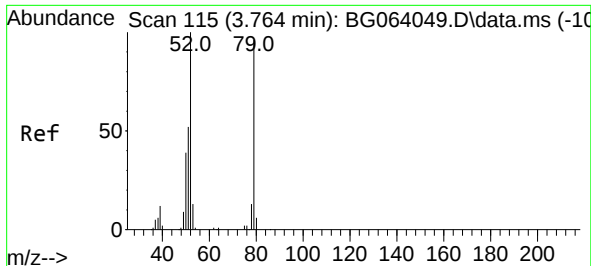
Tgt Ion:152 Resp: 33051
 Ion Ratio Lower Upper
 152 100
 150 158.5 129.2 193.8
 115 73.8 63.0 94.6



#2
 1,4-Dioxane
 Concen: 41.810 ng
 RT: 3.370 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: BG064073.D
 Acq: 10 Mar 2025 9:23

Tgt Ion: 88 Resp: 40108
 Ion Ratio Lower Upper
 88 100
 58 93.4 74.6 111.8
 43 45.3 35.5 53.3

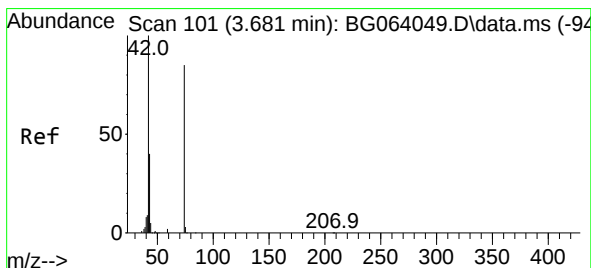
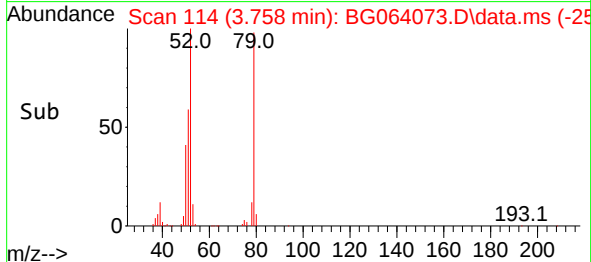
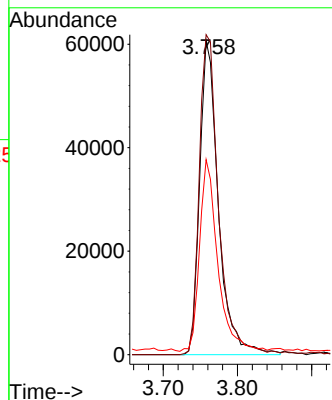
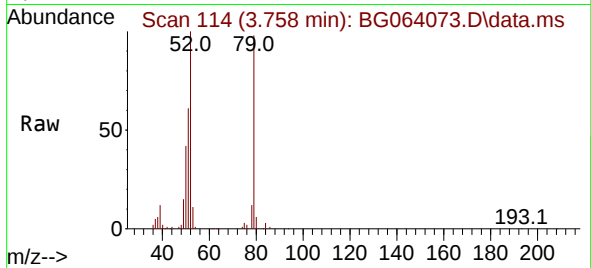




#3
Pyridine
Concen: 45.540 ng
RT: 3.758 min Scan# 115
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

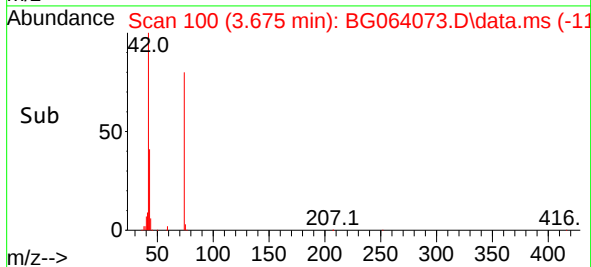
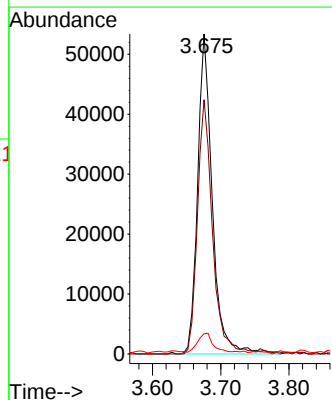
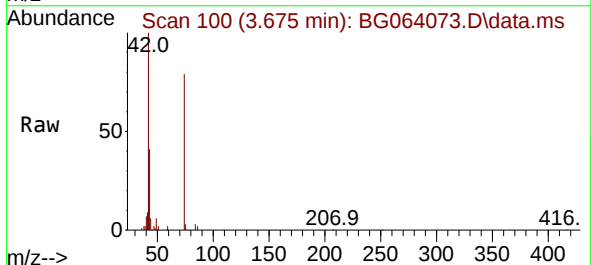
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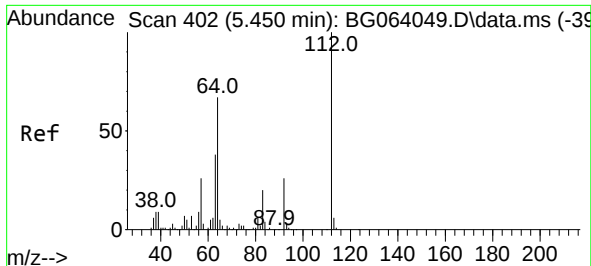
Tgt Ion: 79 Resp: 106245
Ion Ratio Lower Upper
79 100
52 101.9 83.0 124.6
51 62.1 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 47.738 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 42 Resp: 79573
Ion Ratio Lower Upper
42 100
74 79.4 68.0 102.0
44 6.3 4.9 7.3

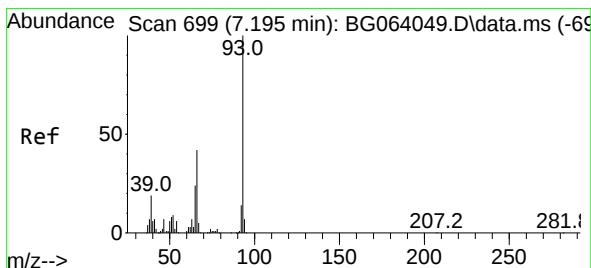
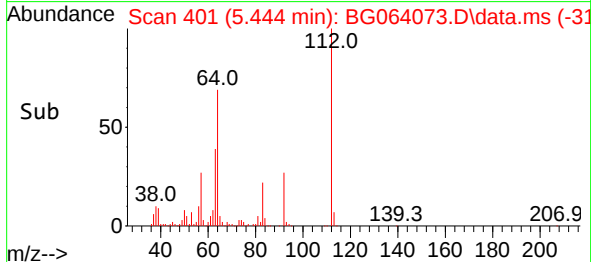
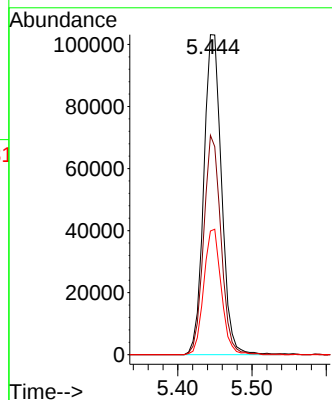
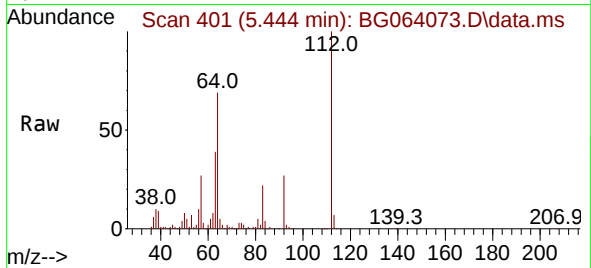




#5
2-Fluorophenol
Concen: 81.064 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

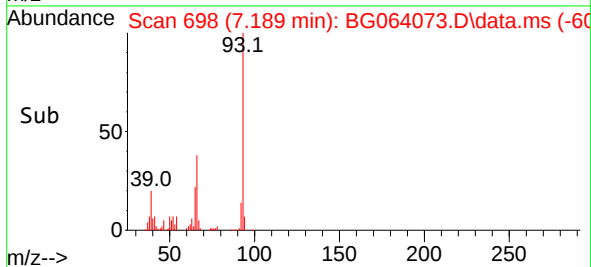
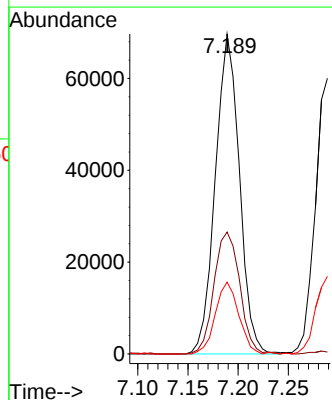
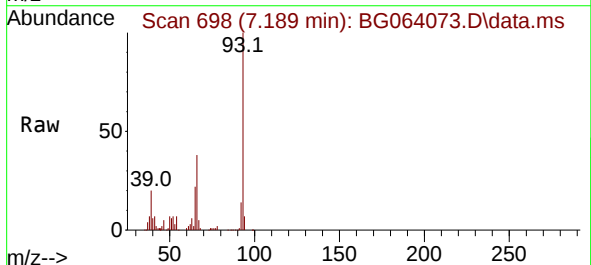
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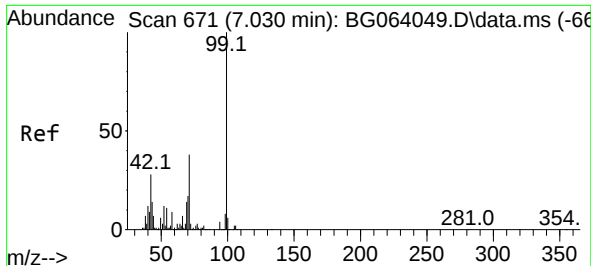
Tgt Ion:112 Resp: 171587
Ion Ratio Lower Upper
112 100
64 68.6 53.7 80.5
63 38.7 30.2 45.4



#6
Aniline
Concen: 41.139 ng
RT: 7.189 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 93 Resp: 116241
Ion Ratio Lower Upper
93 100
66 38.1 33.7 50.5
65 22.5 19.1 28.7

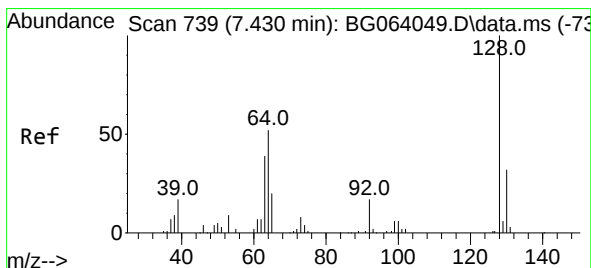
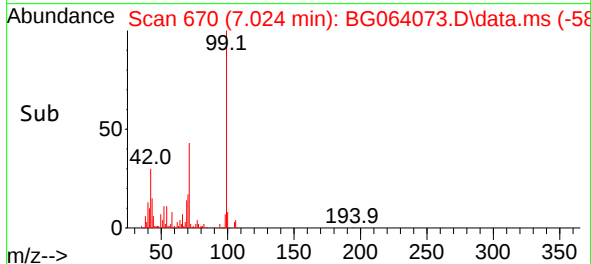
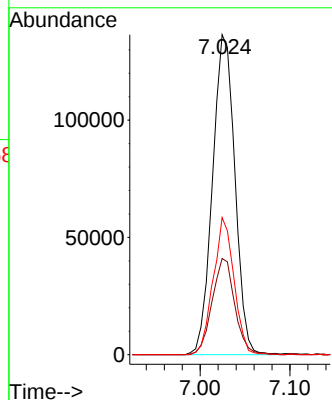
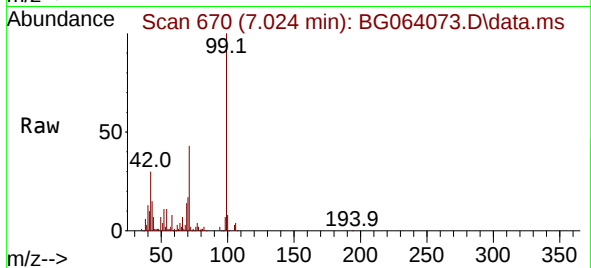




#7
Phenol-d6
Concen: 82.061 ng
RT: 7.024 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

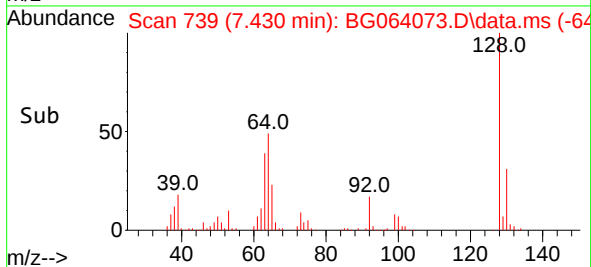
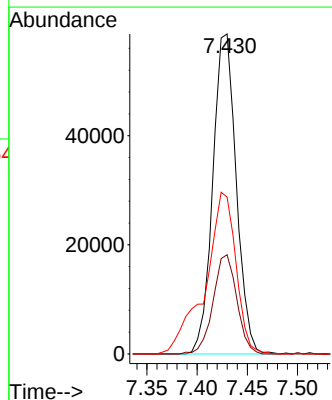
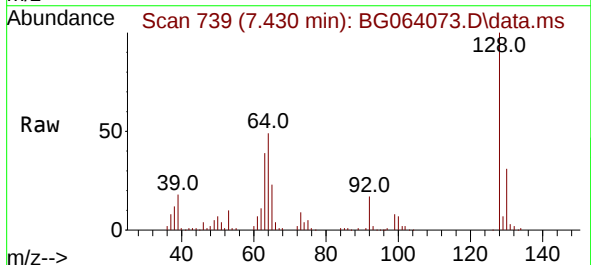
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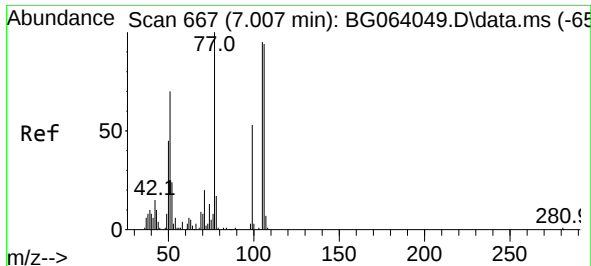
Tgt Ion: 99 Resp: 236298
Ion Ratio Lower Upper
99 100
42 30.1 22.7 34.1
71 42.8 30.6 46.0



#8
2-Chlorophenol
Concen: 41.895 ng
RT: 7.430 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 128 Resp: 95243
Ion Ratio Lower Upper
128 100
130 31.0 12.3 52.3
64 49.0 37.0 77.0

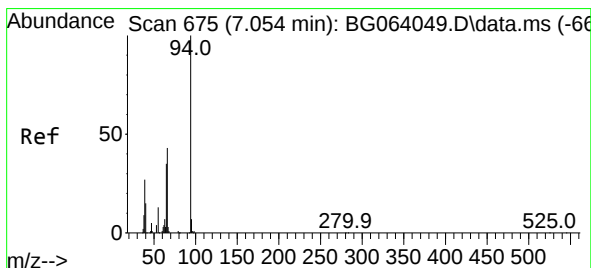
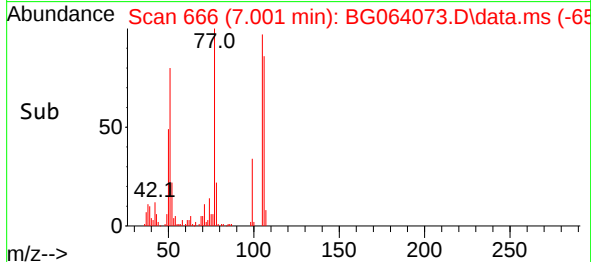
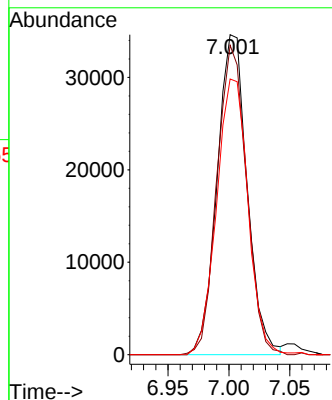
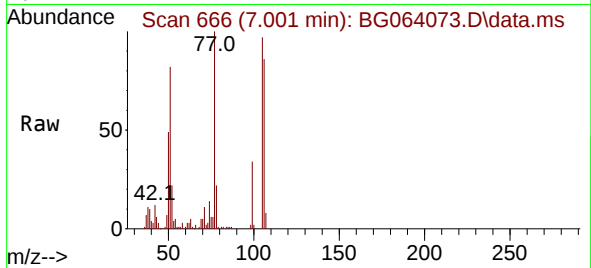




#9
Benzaldehyde
Concen: 35.455 ng
RT: 7.001 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

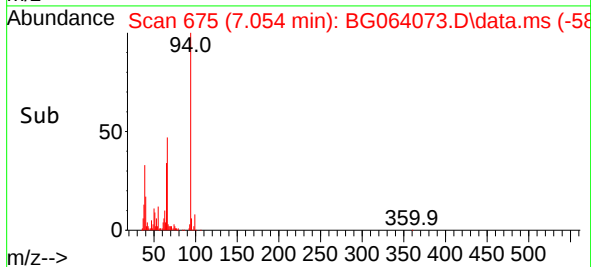
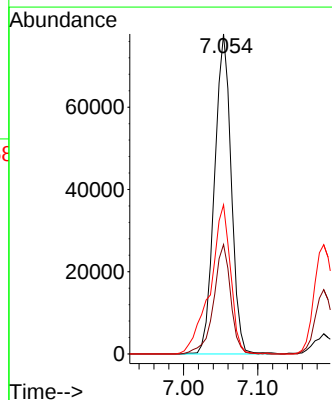
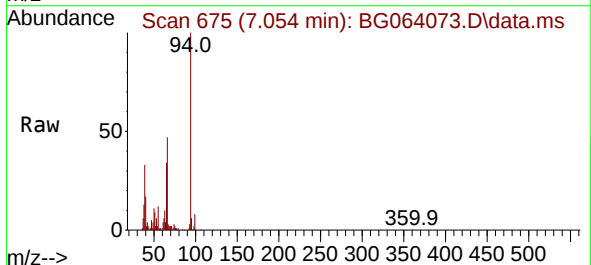
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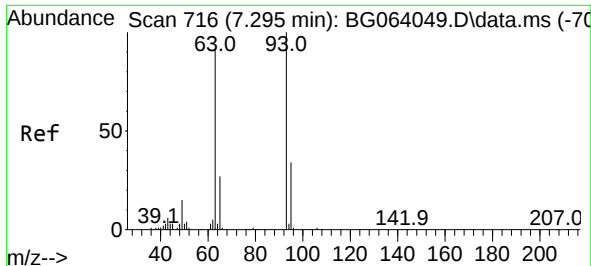
Tgt Ion: 77 Resp: 59376
Ion Ratio Lower Upper
77 100
105 96.7 75.5 115.5
106 86.2 74.2 114.2



#10
Phenol
Concen: 41.155 ng
RT: 7.054 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 94 Resp: 121333
Ion Ratio Lower Upper
94 100
65 34.2 15.2 55.2
66 46.6 25.1 65.1

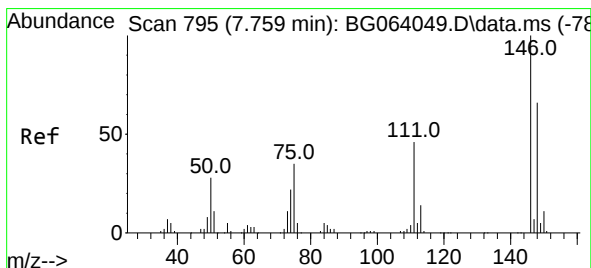
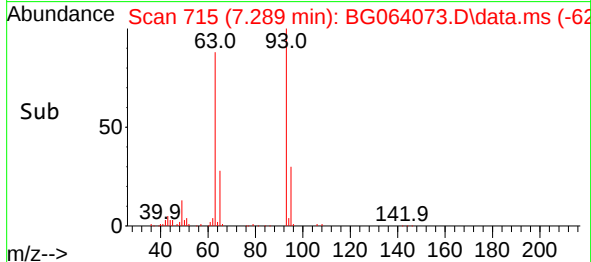
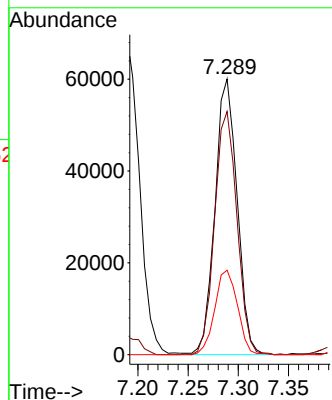
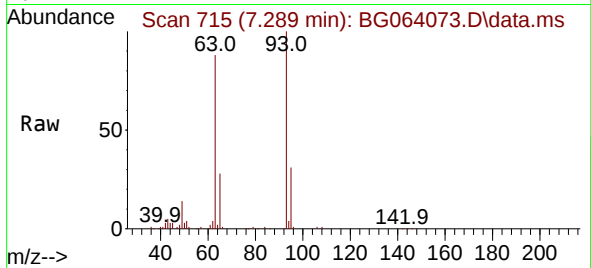




#11
bis(2-Chloroethyl)ether
Concen: 39.957 ng
RT: 7.289 min Scan# 716
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

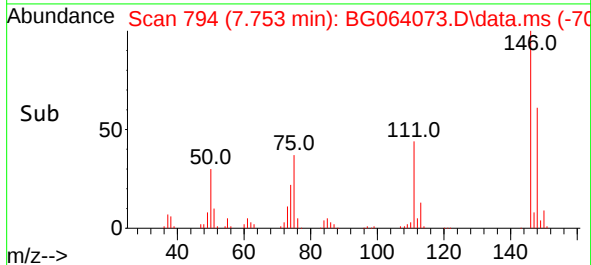
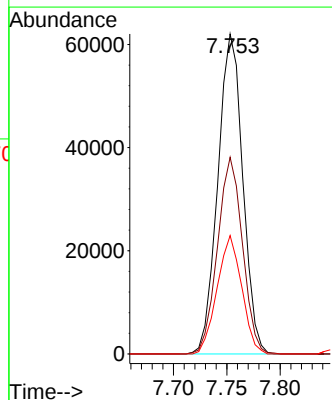
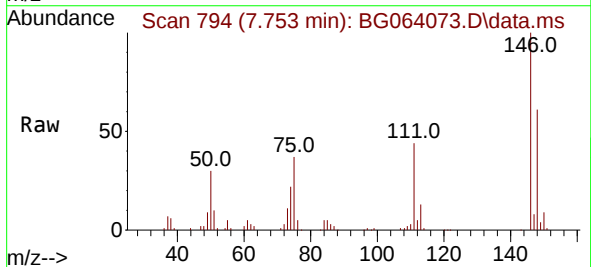
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

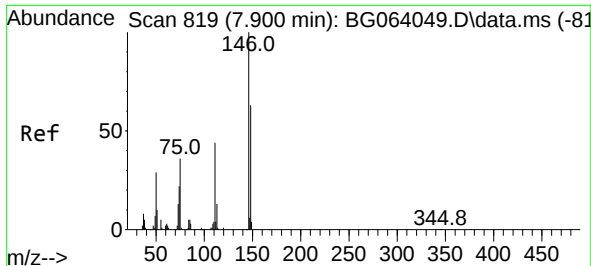
Tgt Ion: 93 Resp: 92355
Ion Ratio Lower Upper
93 100
63 88.2 70.0 110.0
95 30.6 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 40.352 ng
RT: 7.753 min Scan# 794
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:146 Resp: 100736
Ion Ratio Lower Upper
146 100
148 61.4 52.6 78.8
75 37.0 28.1 42.1

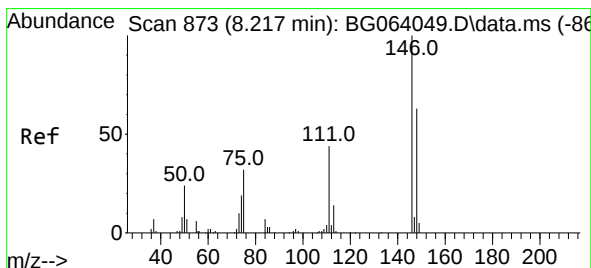
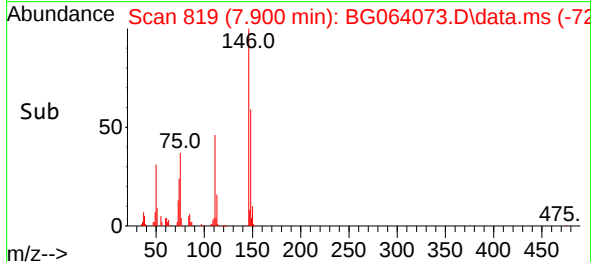
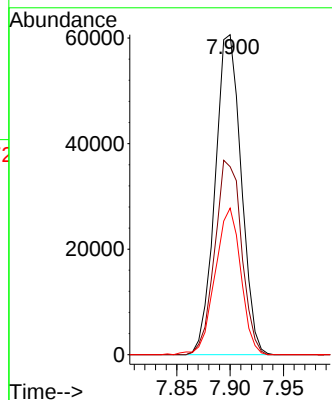
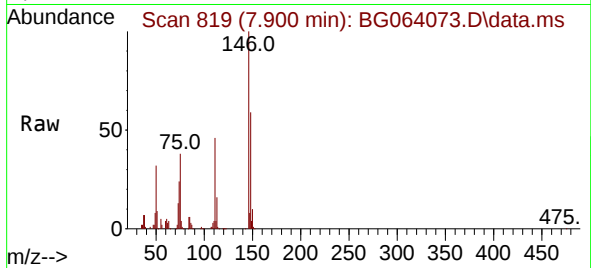




#13
1,4-Dichlorobenzene
Concen: 40.278 ng
RT: 7.900 min Scan# 819
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

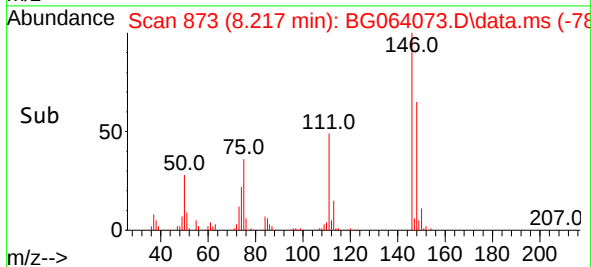
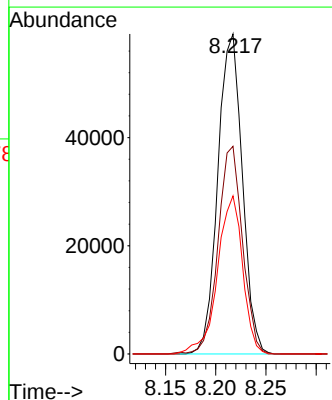
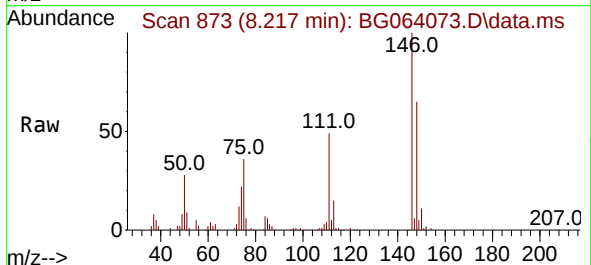
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

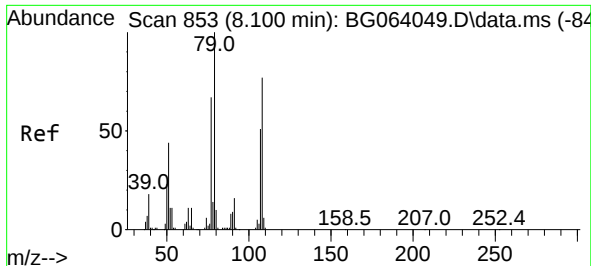
Tgt Ion:146 Resp: 103065
Ion Ratio Lower Upper
146 100
148 58.7 50.6 75.8
111 45.8 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 40.582 ng
RT: 8.217 min Scan# 873
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:146 Resp: 100133
Ion Ratio Lower Upper
146 100
148 64.9 50.2 75.2
111 49.4 36.4 54.6

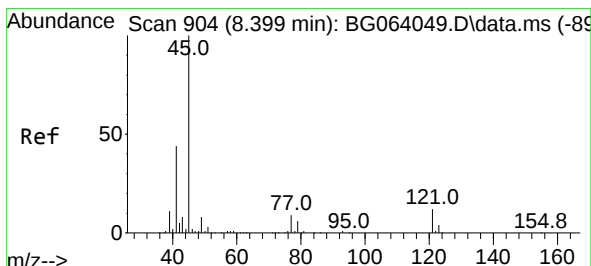
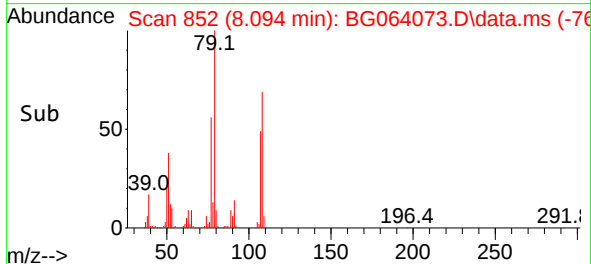
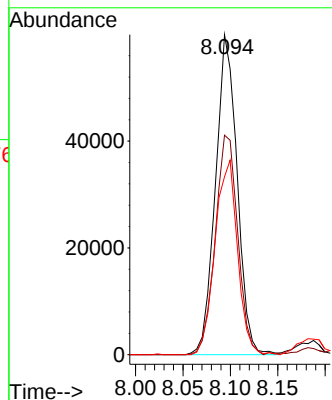
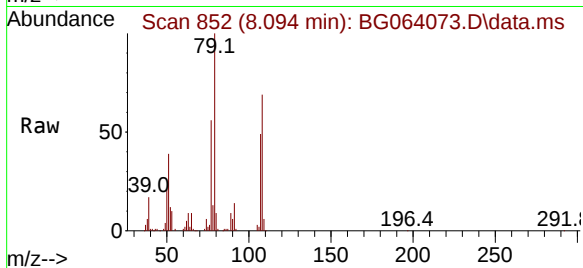




#15
Benzyl Alcohol
Concen: 42.874 ng
RT: 8.094 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

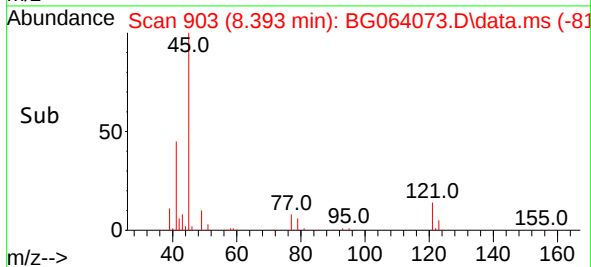
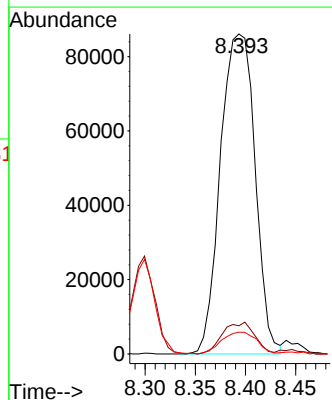
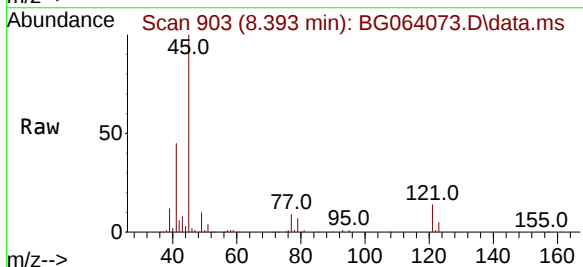
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

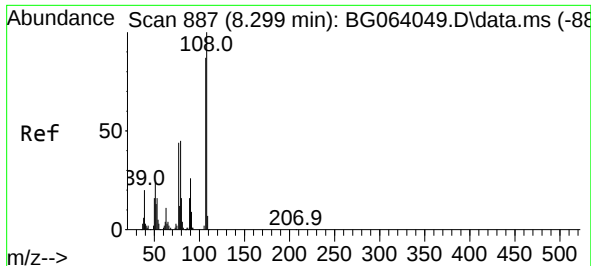
Tgt Ion: 79 Resp: 95401
Ion Ratio Lower Upper
79 100
108 68.6 61.7 92.5
77 55.6 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.759 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 45 Resp: 206635
Ion Ratio Lower Upper
45 100
77 8.8 0.0 29.0
79 6.8 0.0 26.6

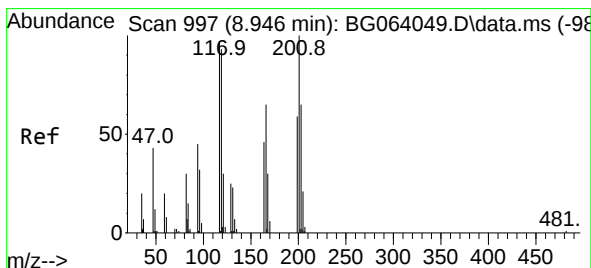
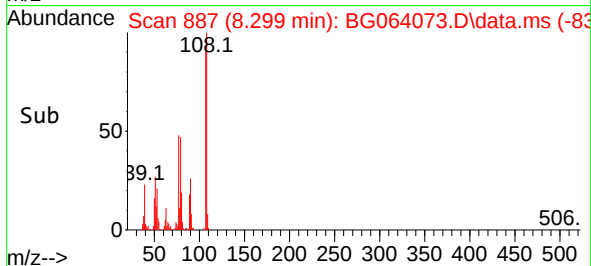
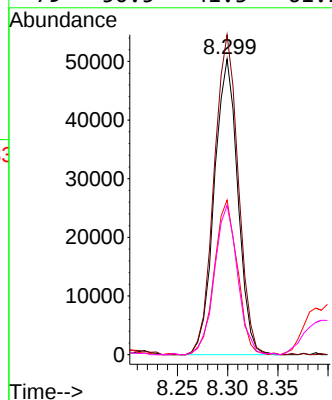
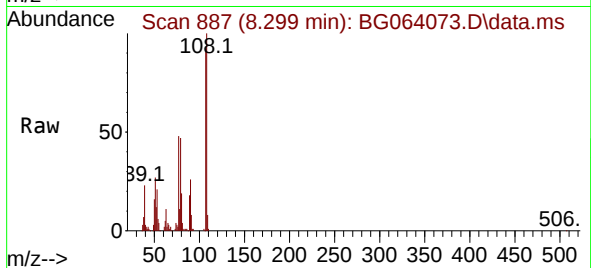




#17
2-Methylphenol
Concen: 42.021 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

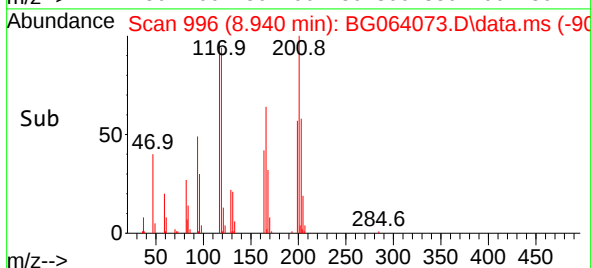
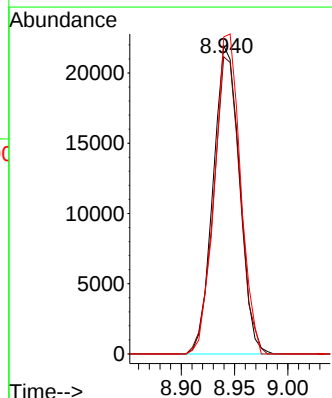
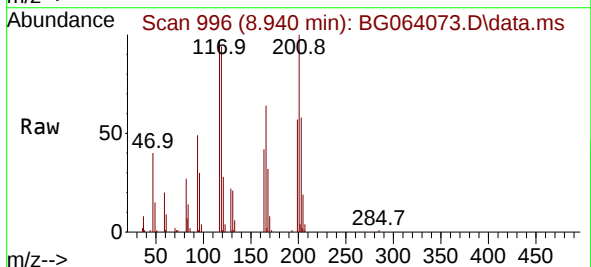
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

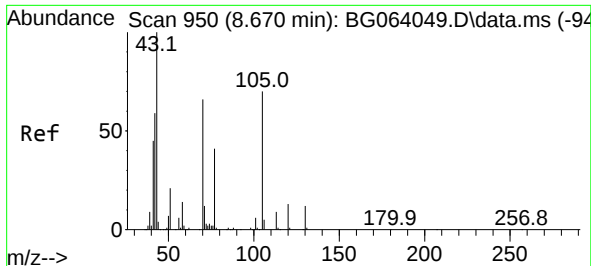
Tgt Ion:	107	Resp:	82222
Ion Ratio	Lower	Upper	
107	100		
108	108.2	92.5	138.7
77	52.3	40.5	60.7
79	50.5	41.3	61.9



#18
Hexachloroethane
Concen: 42.121 ng
RT: 8.940 min Scan# 996
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	117	Resp:	37710
Ion Ratio	Lower	Upper	
117	100		
119	96.4	76.2	114.2
201	102.8	81.5	122.3

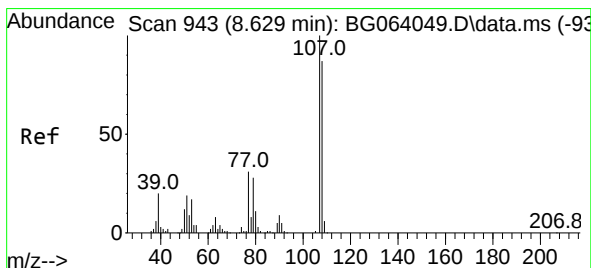
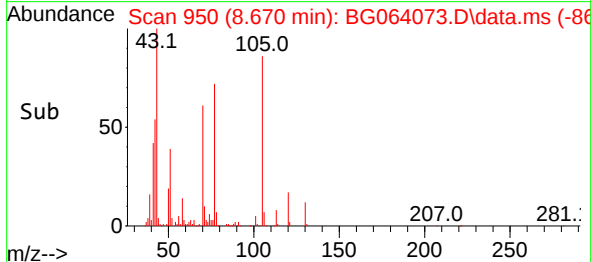
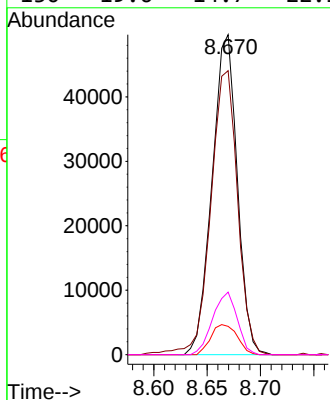
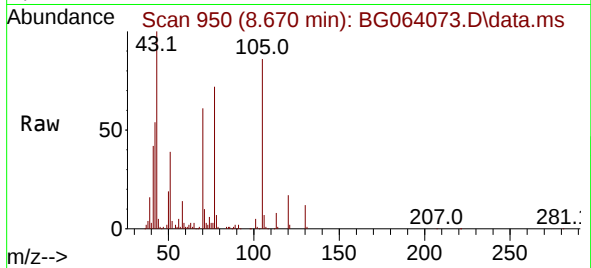




#19
n-Nitroso-di-n-propylamine
Concen: 40.358 ng
RT: 8.670 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

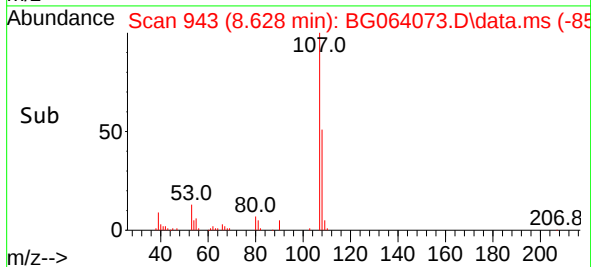
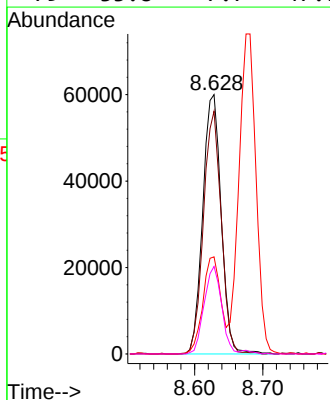
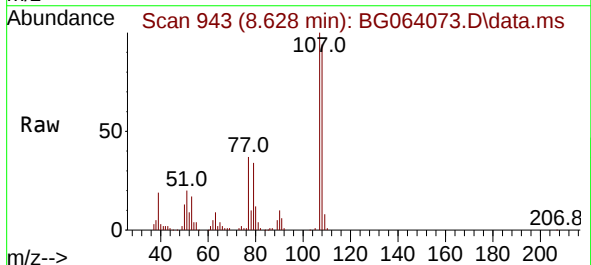
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

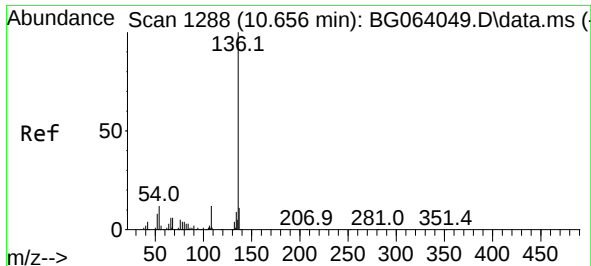
Tgt Ion:	70	Resp:	81558
Ion	Ratio	Lower	Upper
70	100		
42	88.8	72.1	108.1
101	8.8	7.2	10.8
130	19.6	14.7	22.1



#20
3+4-Methylphenols
Concen: 41.891 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	107	Resp:	112843
Ion	Ratio	Lower	Upper
107	100		
108	93.6	67.0	107.0
77	37.4	11.2	51.2
79	33.8	7.7	47.7

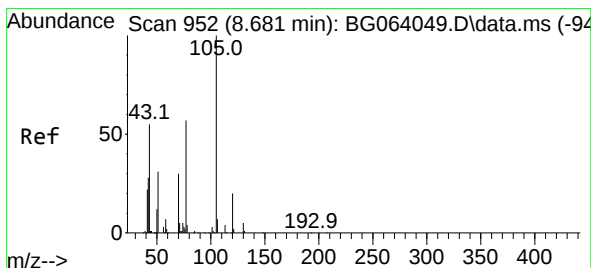
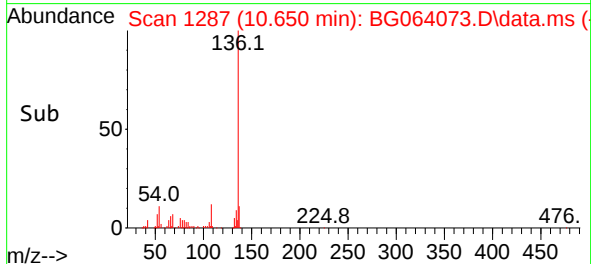
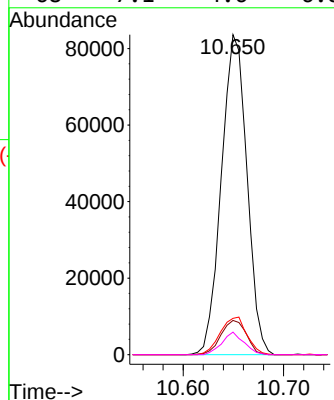
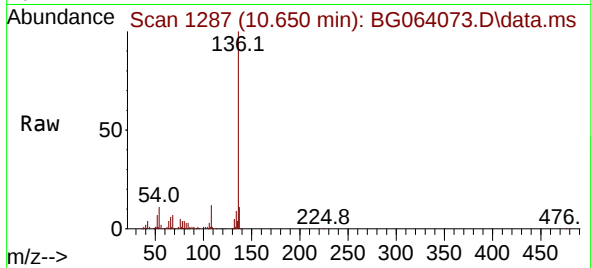




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

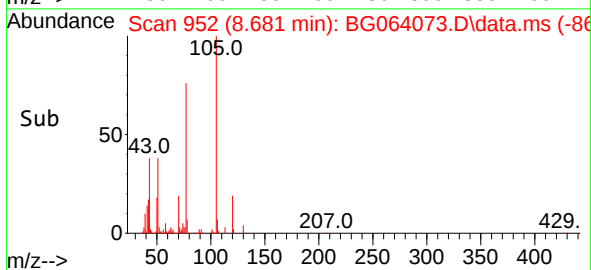
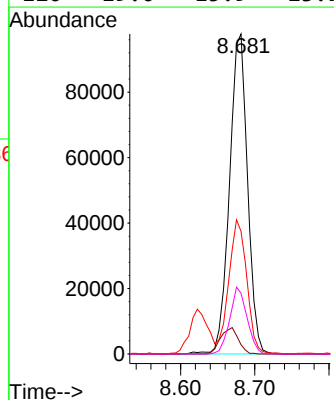
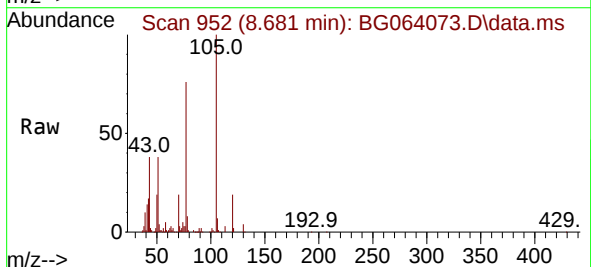
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

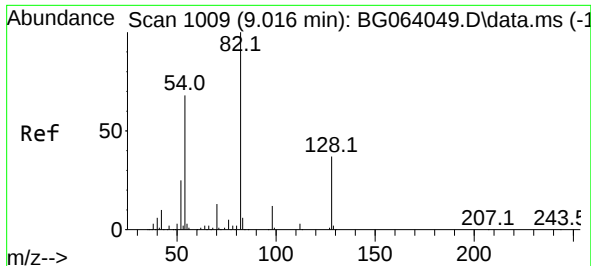
Tgt Ion:136 Resp: 147761
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.3 9.9 14.9
68 7.1 4.6 6.8#



#22
Acetophenone
Concen: 40.725 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:105 Resp: 164988
Ion Ratio Lower Upper
105 100
71 2.9 4.2 6.4#
51 38.3 33.3 49.9
120 19.0 15.9 23.9





#23

Nitrobenzene-d5

Concen: 87.358 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

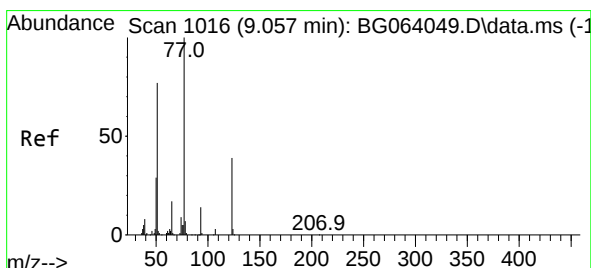
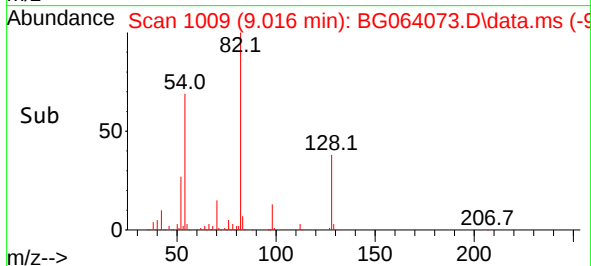
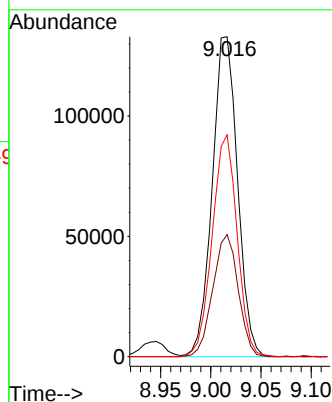
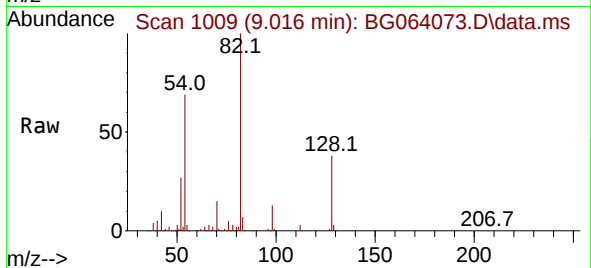
Tgt Ion: 82 Resp: 233580

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 69.3 54.7 82.1



#24

Nitrobenzene

Concen: 41.870 ng

RT: 9.057 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

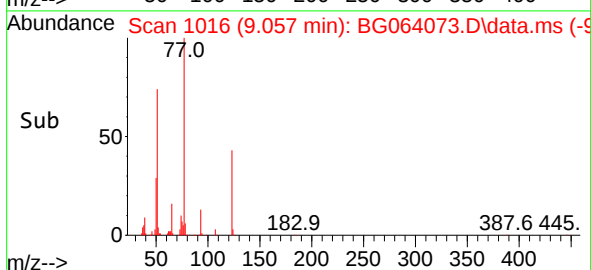
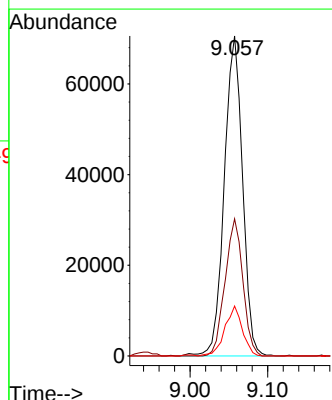
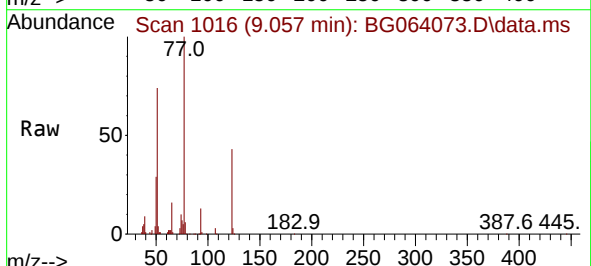
Tgt Ion: 77 Resp: 115698

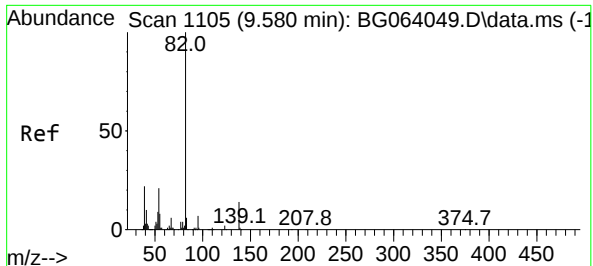
Ion Ratio Lower Upper

77 100

123 42.9 31.4 47.2

65 15.6 13.4 20.0

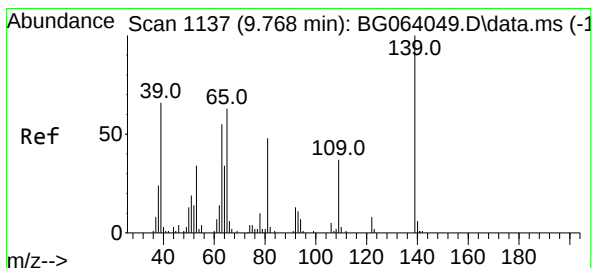
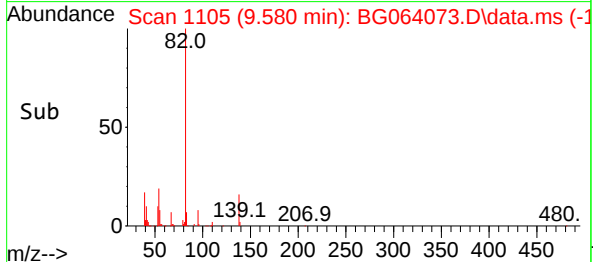
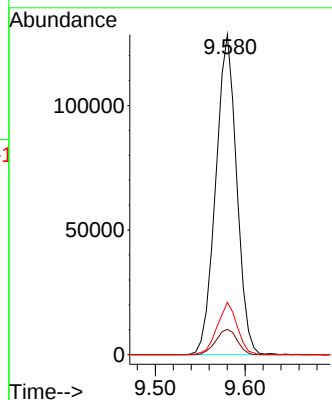
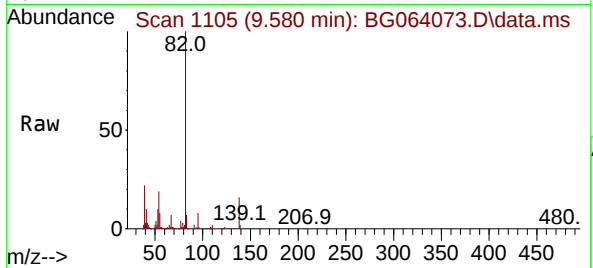




#25
Isophorone
Concen: 38.795 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

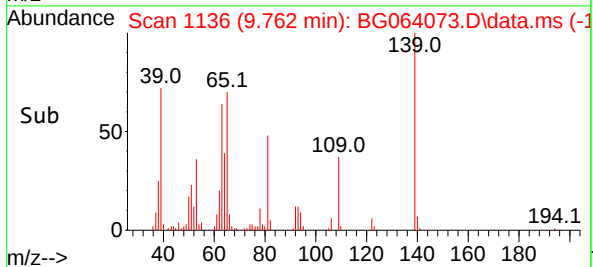
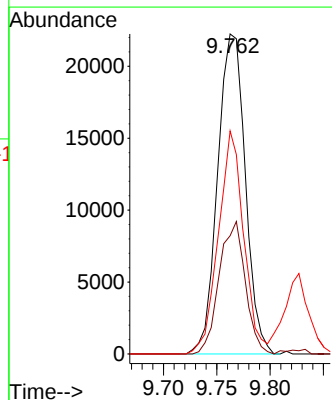
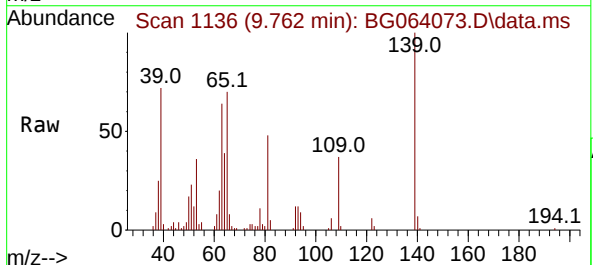
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

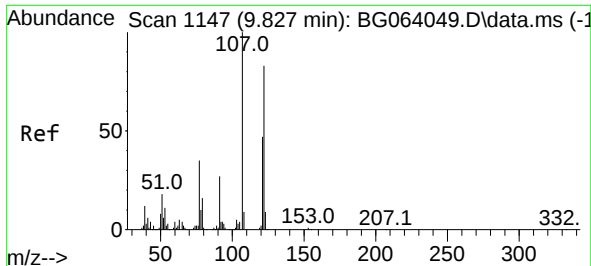
Tgt Ion: 82 Resp: 207624
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 16.4 10.9 16.3#



#26
2-Nitrophenol
Concen: 43.114 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:139 Resp: 40140
Ion Ratio Lower Upper
139 100
109 37.0 29.9 44.9
65 69.7 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 42.535 ng

RT: 9.827 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

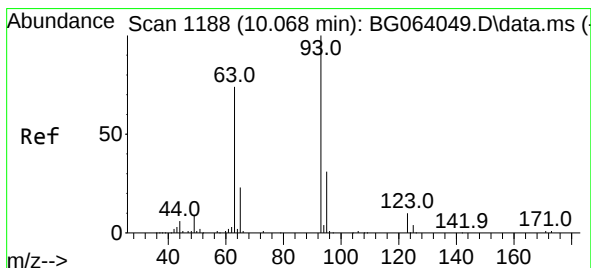
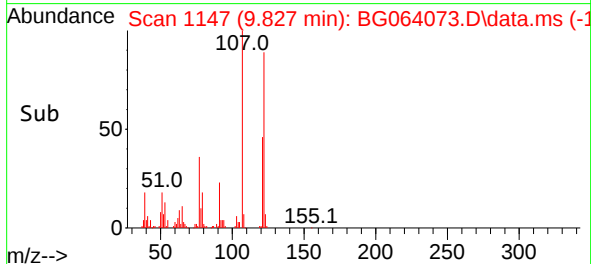
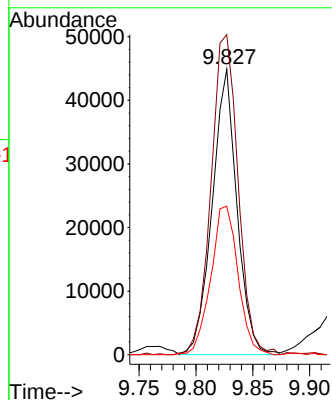
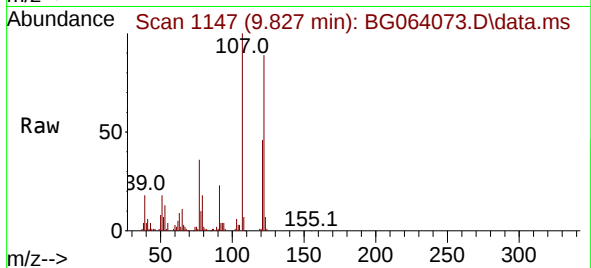
Tgt Ion:122 Resp: 68243

Ion Ratio Lower Upper

122 100

107 112.1 95.4 143.0

121 52.0 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.176 ng

RT: 10.062 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

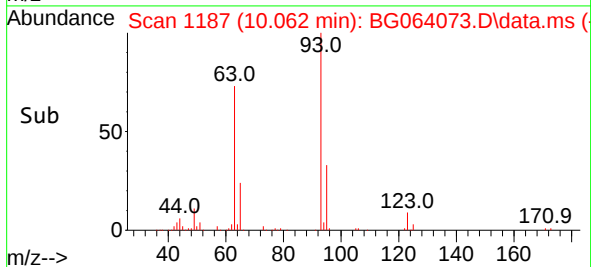
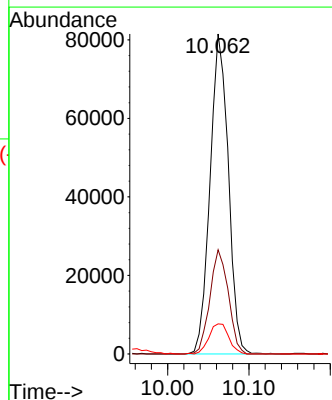
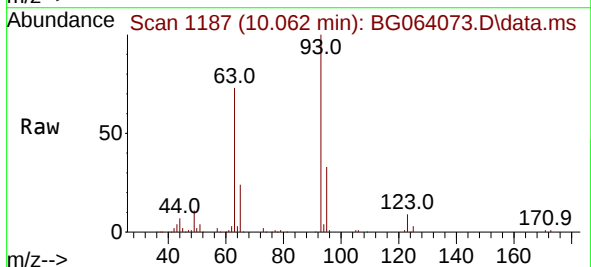
Tgt Ion: 93 Resp: 127113

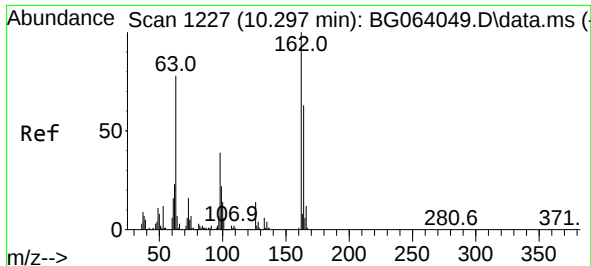
Ion Ratio Lower Upper

93 100

95 32.6 25.0 37.4

123 9.4 7.6 11.4

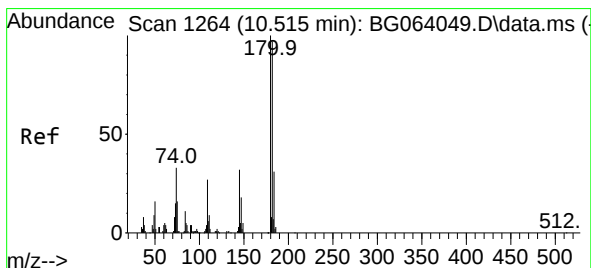
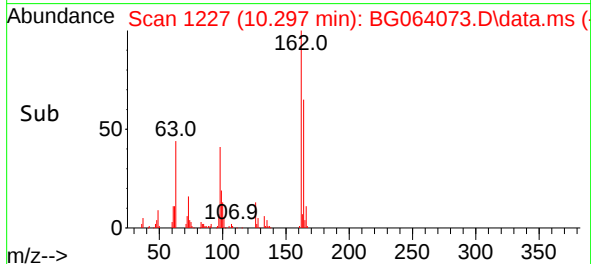
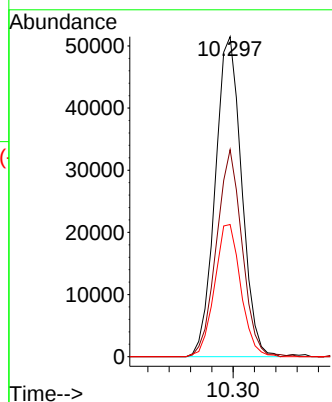
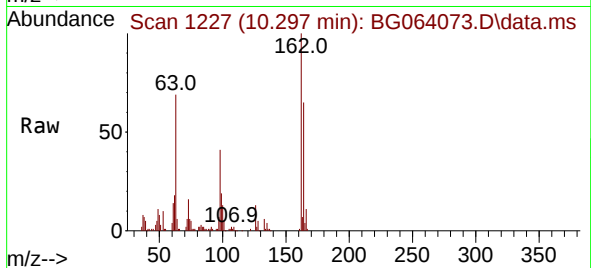




#29
2,4-Dichlorophenol
Concen: 43.641 ng
RT: 10.297 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

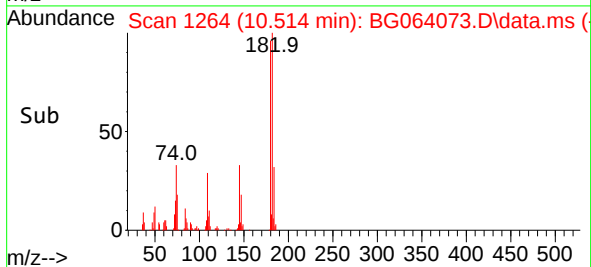
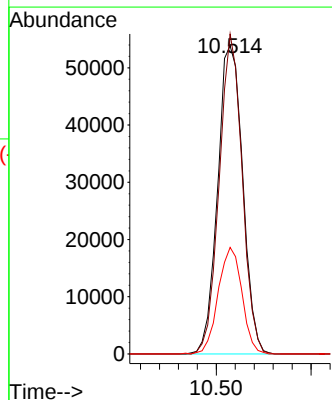
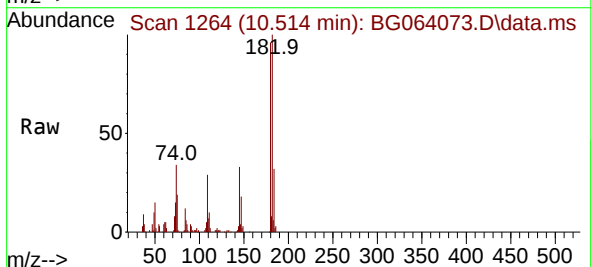
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

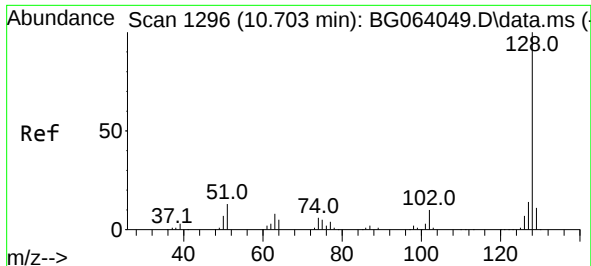
Tgt Ion:162 Resp: 88411
Ion Ratio Lower Upper
162 100
164 64.7 42.8 82.8
98 41.3 19.1 59.1



#30
1,2,4-Trichlorobenzene
Concen: 40.480 ng
RT: 10.514 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

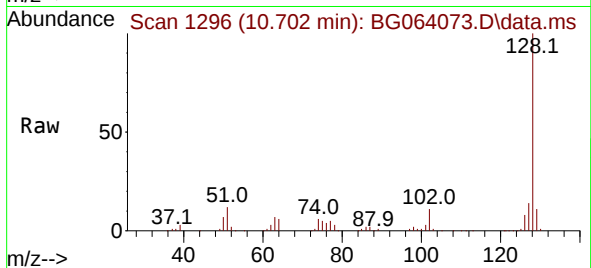
Tgt Ion:180 Resp: 98998
Ion Ratio Lower Upper
180 100
182 103.8 77.3 115.9
145 34.6 25.2 37.8



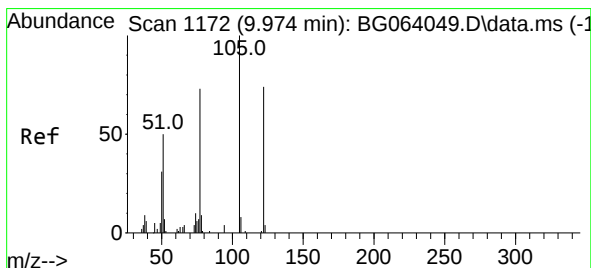
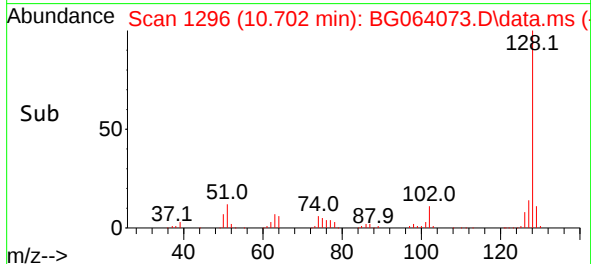
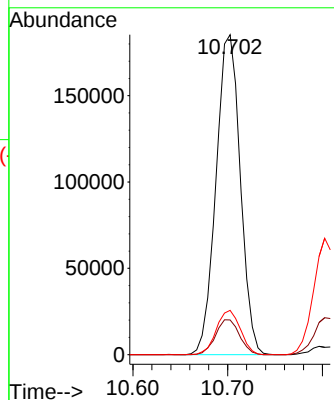


#31
Naphthalene
Concen: 41.336 ng
RT: 10.702 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

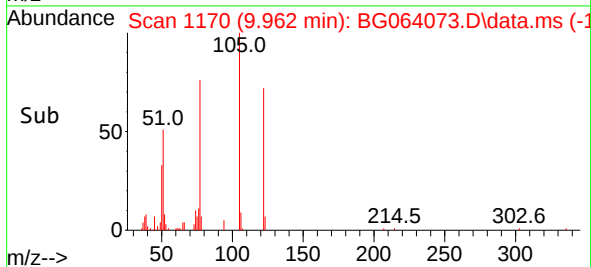
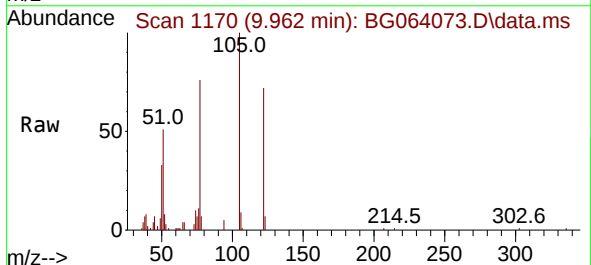
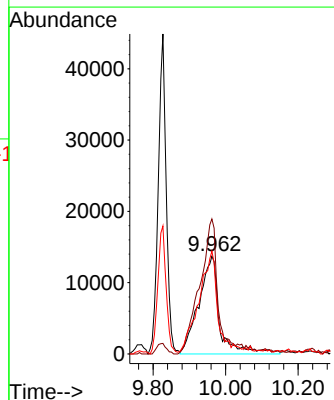


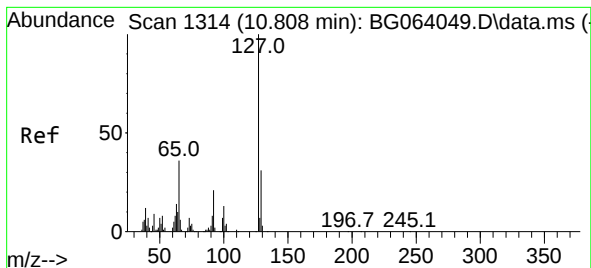
Tgt Ion:128 Resp: 329350
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 39.087 ng m
RT: 9.962 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:122 Resp: 54683
Ion Ratio Lower Upper
122 100
105 138.3 115.0 155.0
77 105.3 80.9 120.9

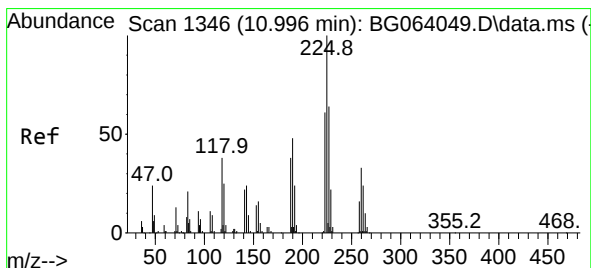
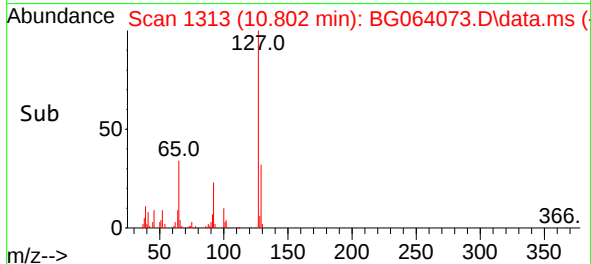
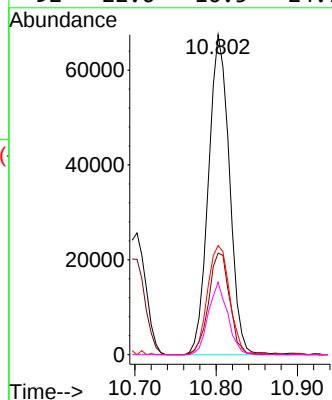
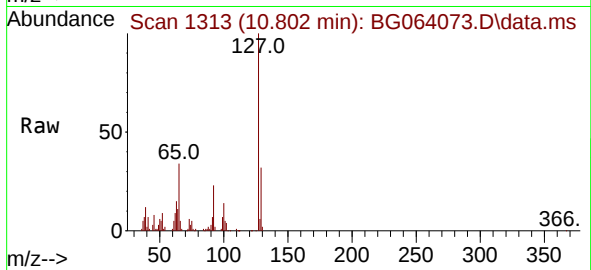




#33
4-Chloroaniline
Concen: 41.579 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

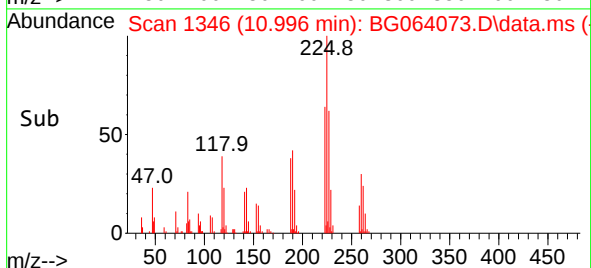
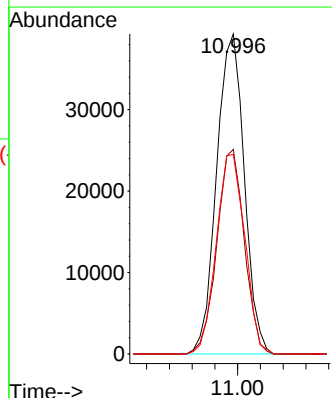
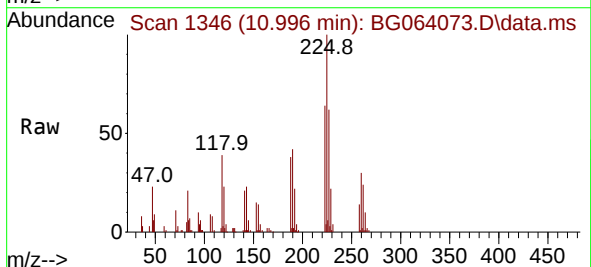
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

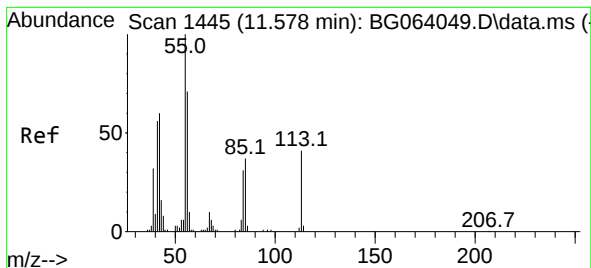
Tgt Ion:	127	Resp:	121083
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.0	37.4
65	34.1	28.5	42.7
92	22.6	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.454 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	225	Resp:	66450
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.5	72.7
227	62.4	51.0	76.6

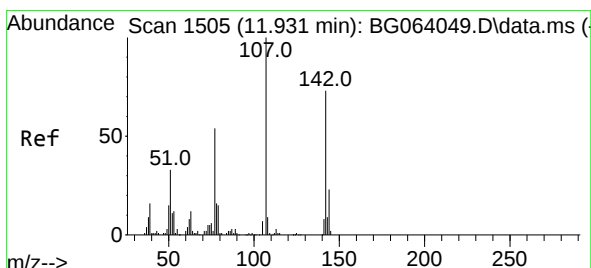
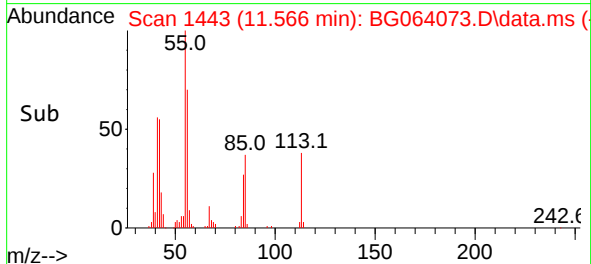
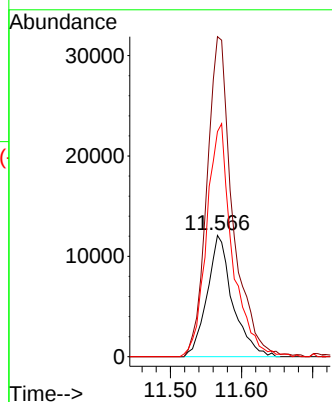
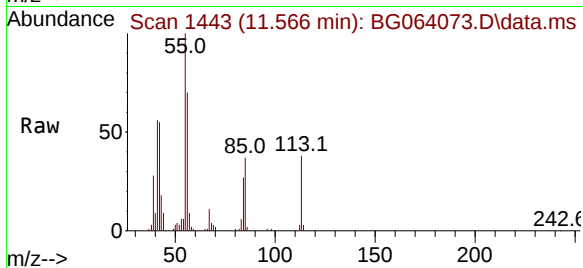




#35
Caprolactam
Concen: 38.729 ng
RT: 11.566 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

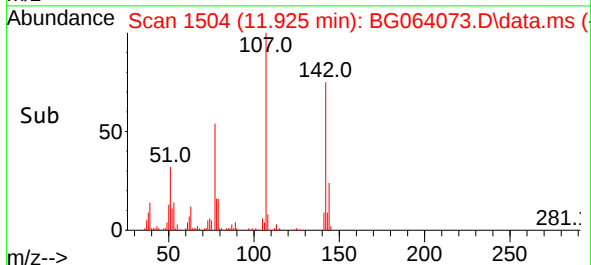
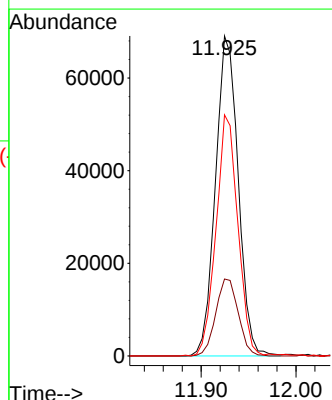
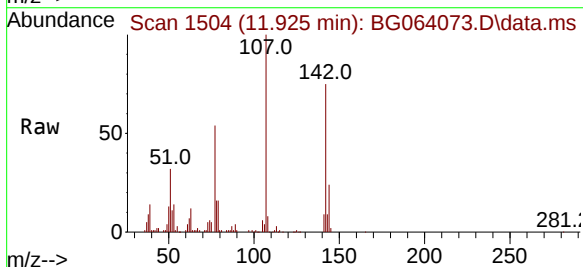
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

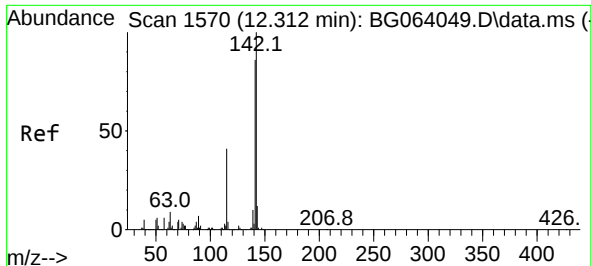
Tgt Ion:	113	Resp:	30067
Ion Ratio	Lower	Upper	
113	100		
55	263.8	225.2	265.2
56	185.6	153.4	193.4



#36
4-Chloro-3-methylphenol
Concen: 43.347 ng
RT: 11.925 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	107	Resp:	115109
Ion Ratio	Lower	Upper	
107	100		
144	24.0	18.6	28.0
142	75.3	58.0	87.0

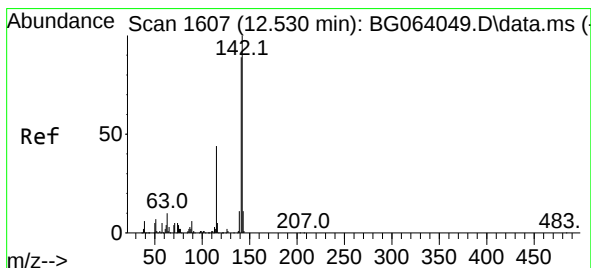
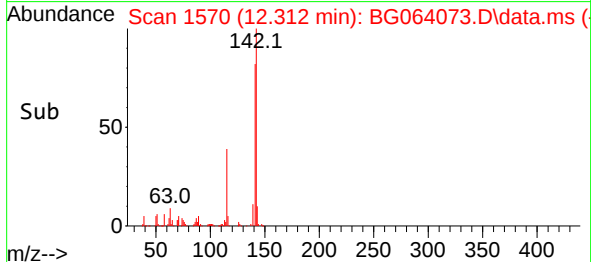
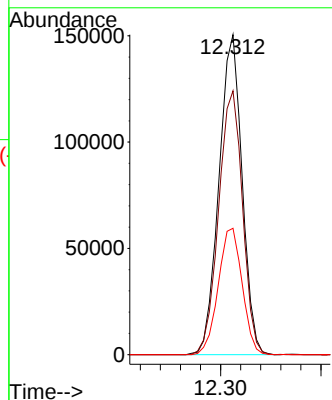
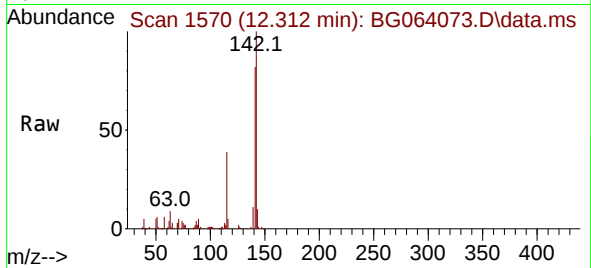




#37
2-Methylnaphthalene
Concen: 42.662 ng
RT: 12.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

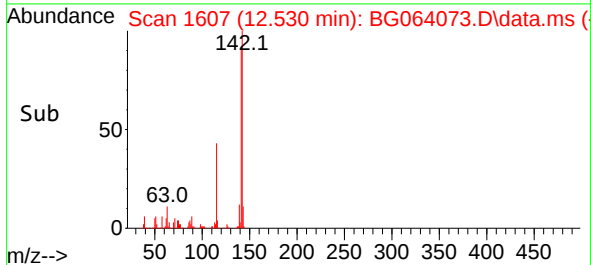
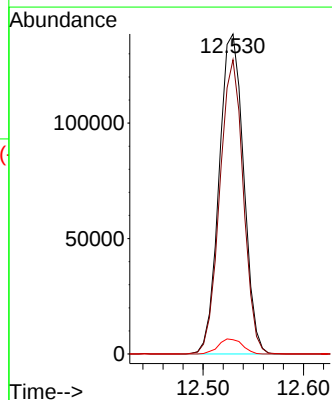
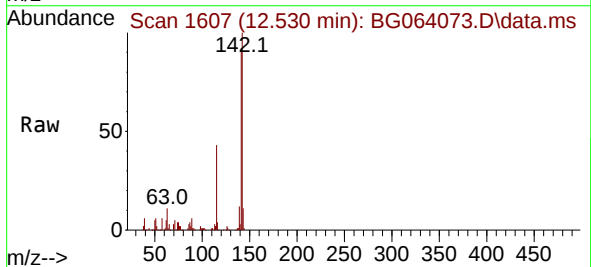
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

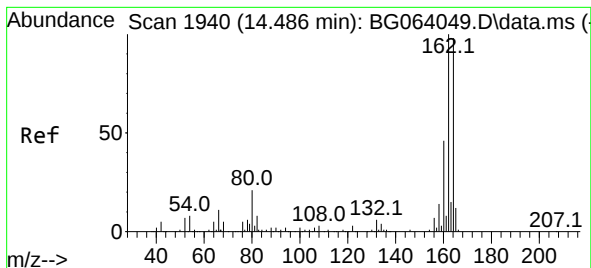
Tgt Ion:142 Resp: 239968
Ion Ratio Lower Upper
142 100
141 82.5 68.6 103.0
115 39.5 32.8 49.2



#38
1-Methylnaphthalene
Concen: 42.577 ng
RT: 12.530 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:142 Resp: 234630
Ion Ratio Lower Upper
142 100
141 92.0 71.2 106.8
116 4.5 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

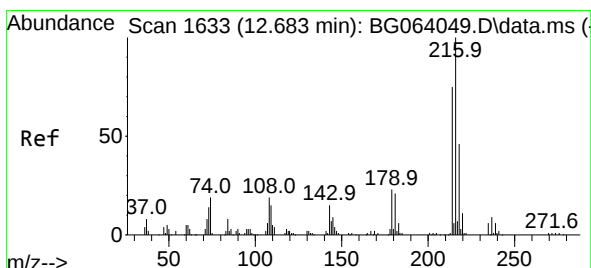
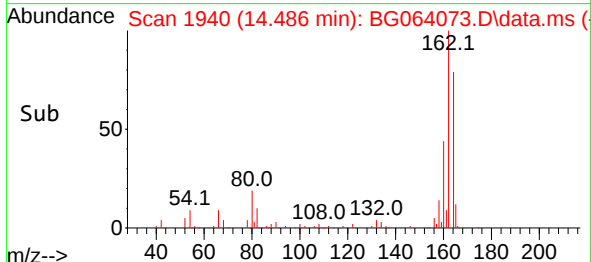
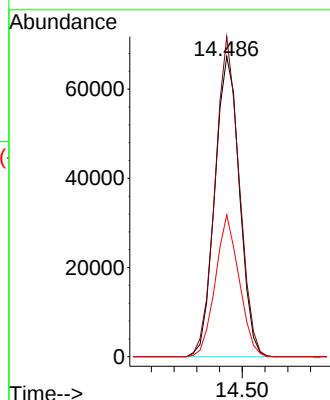
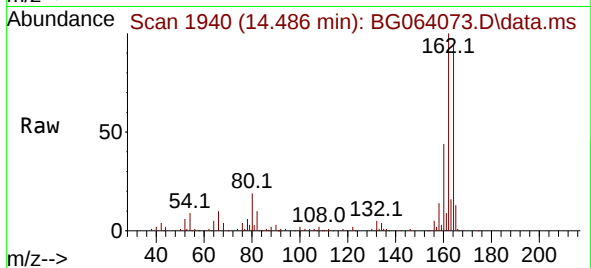
Tgt Ion:164 Resp: 101106

Ion Ratio Lower Upper

164 100

162 106.6 81.4 122.0

160 47.2 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.997 ng

RT: 12.677 min Scan# 1632

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Tgt Ion:216 Resp: 121225

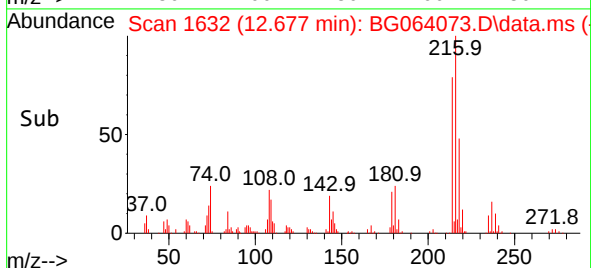
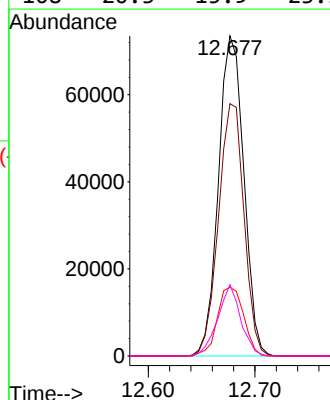
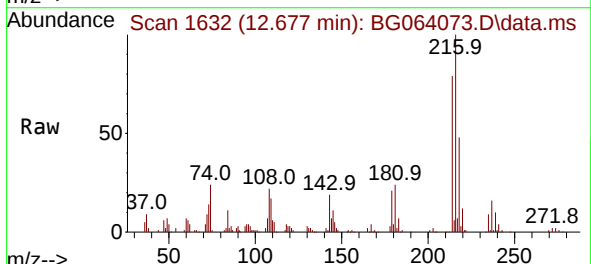
Ion Ratio Lower Upper

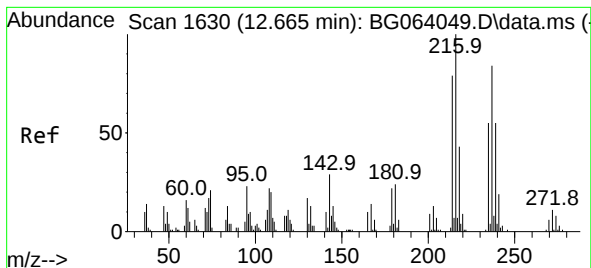
216 100

214 79.3 61.7 92.5

179 22.2 17.9 26.9

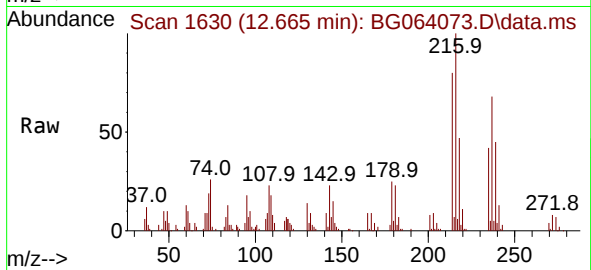
108 20.3 15.9 23.9



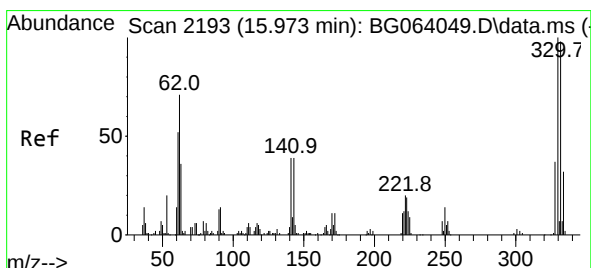
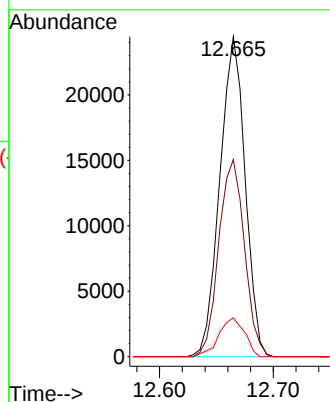
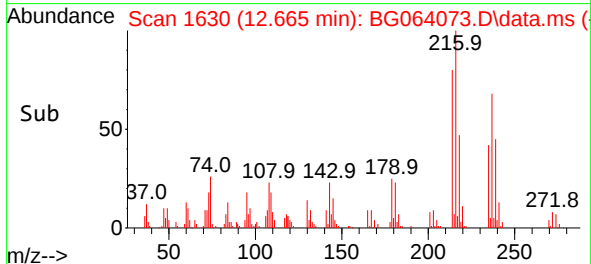


#41
Hexachlorocyclopentadiene
Concen: 46.533 ng
RT: 12.665 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

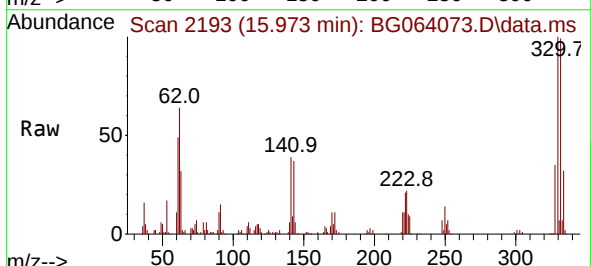
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040



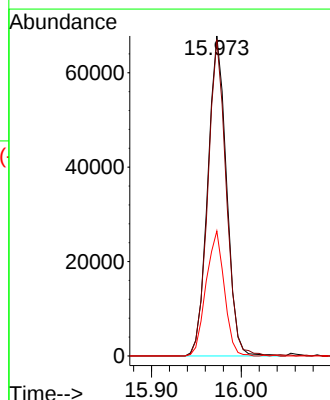
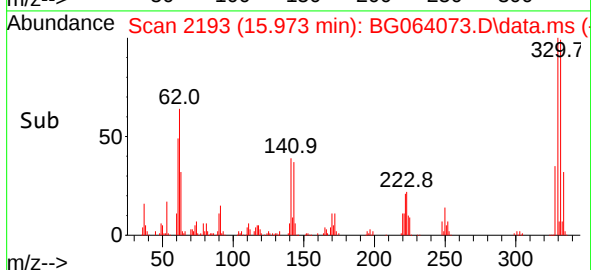
Tgt Ion:237 Resp: 37804
Ion Ratio Lower Upper
237 100
235 61.6 46.0 86.0
272 12.1 0.0 32.8

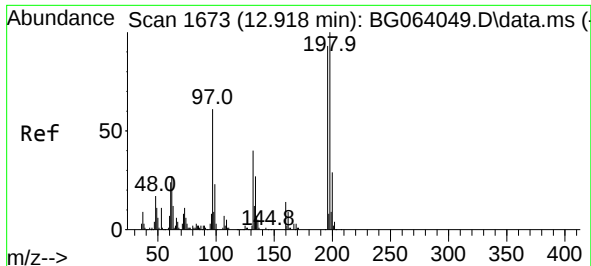


#42
2,4,6-Tribromophenol
Concen: 87.204 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23



Tgt Ion:330 Resp: 98005
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 38.0 29.7 44.5

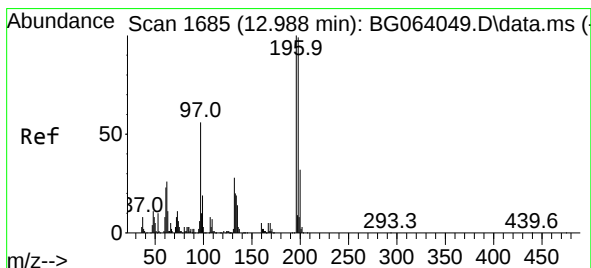
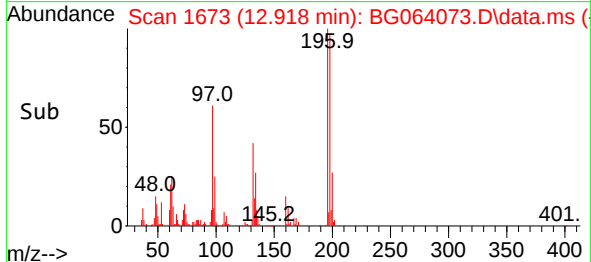
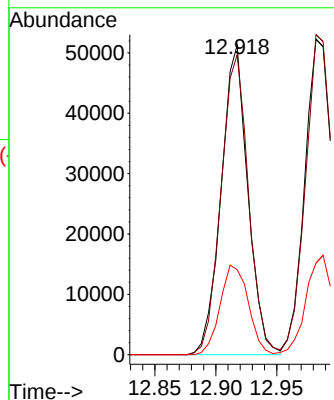
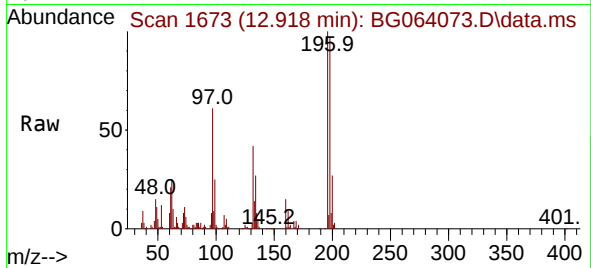




#43
2,4,6-Trichlorophenol
Concen: 45.994 ng
RT: 12.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

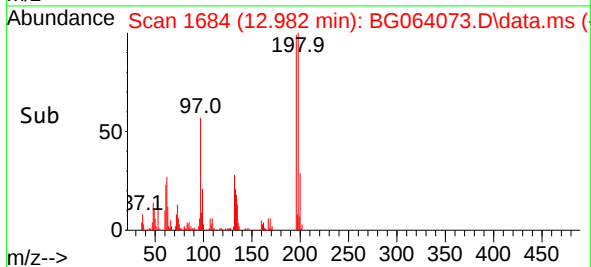
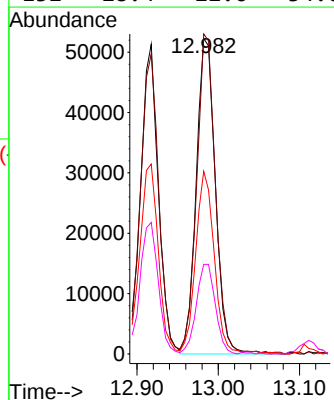
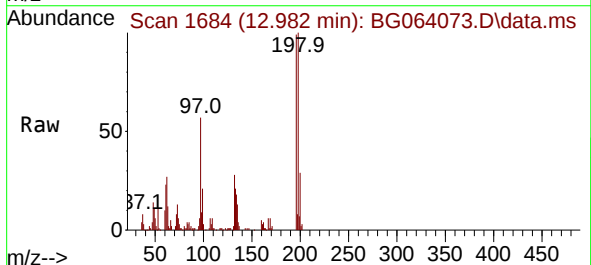
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

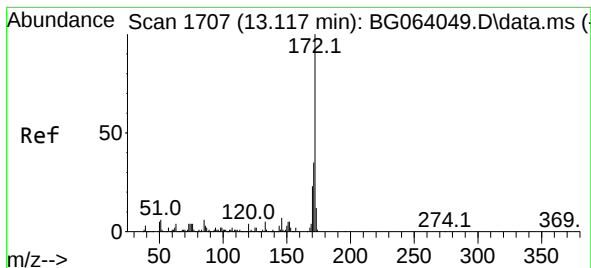
Tgt Ion:196 Resp: 78246
Ion Ratio Lower Upper
196 100
198 96.8 85.6 128.4
200 27.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 45.380 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:196 Resp: 85782
Ion Ratio Lower Upper
196 100
198 101.4 79.5 119.3
97 57.9 45.2 67.8
132 28.4 22.6 34.0

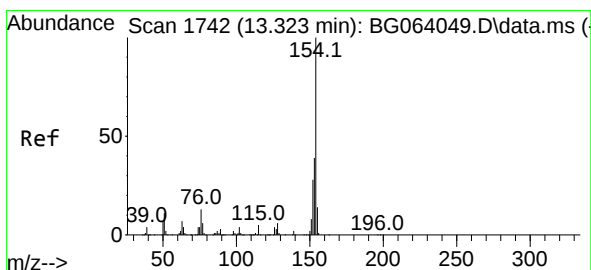
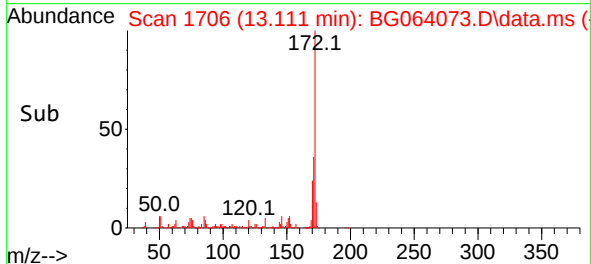
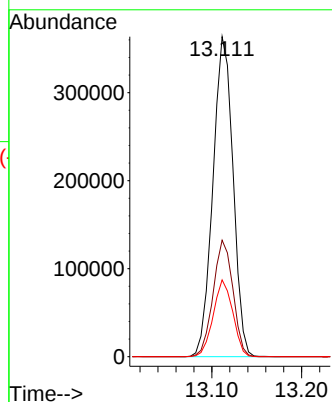
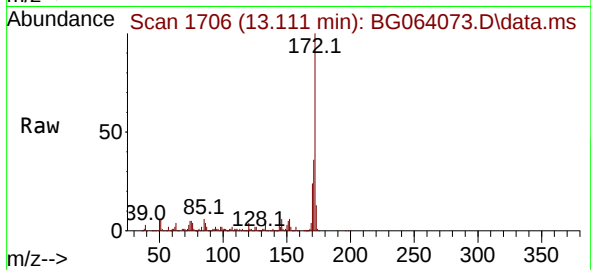




#45
2-Fluorobiphenyl
Concen: 84.928 ng
RT: 13.111 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

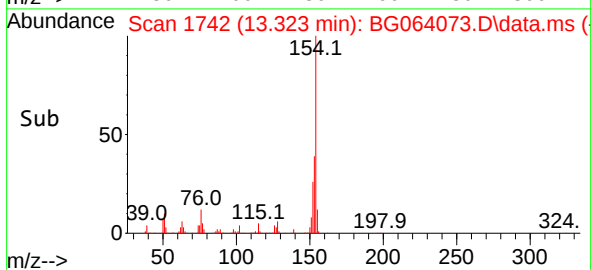
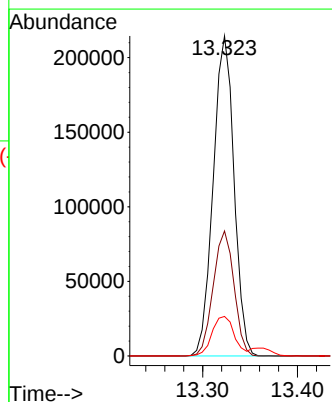
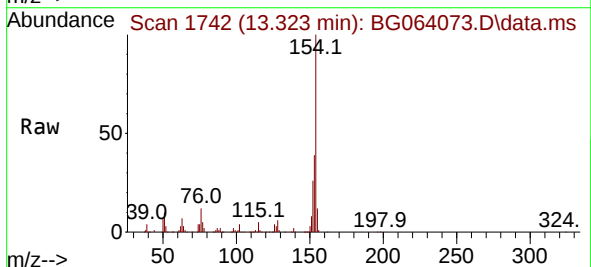
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

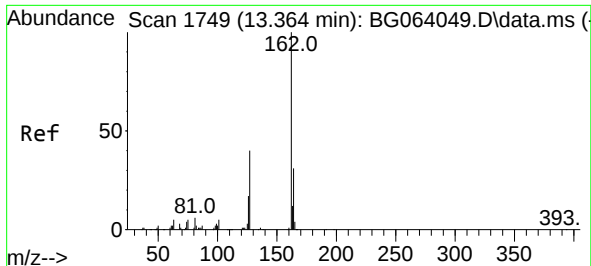
Tgt Ion:172 Resp: 565705
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 24.0 18.7 28.1



#46
1,1'-Biphenyl
Concen: 42.739 ng
RT: 13.323 min Scan# 1742
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:154 Resp: 326469
Ion Ratio Lower Upper
154 100
153 39.1 19.5 59.5
76 12.4 0.0 33.5

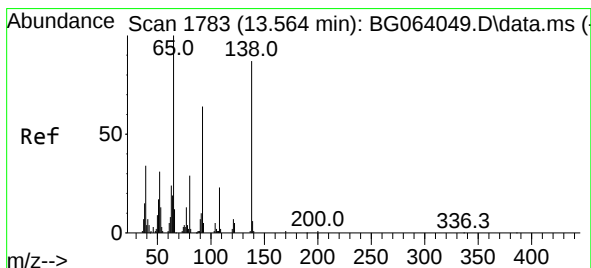
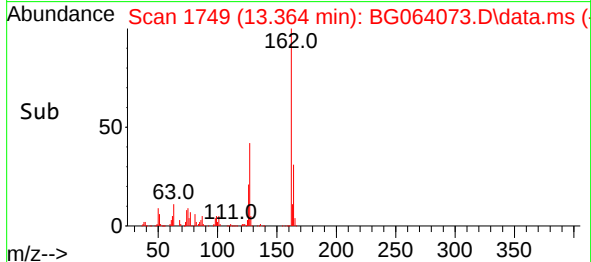
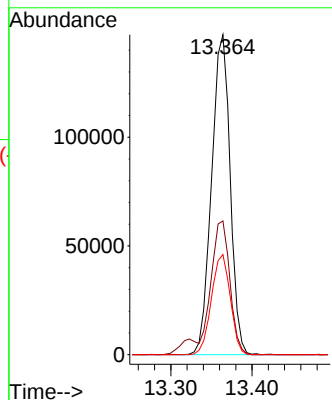
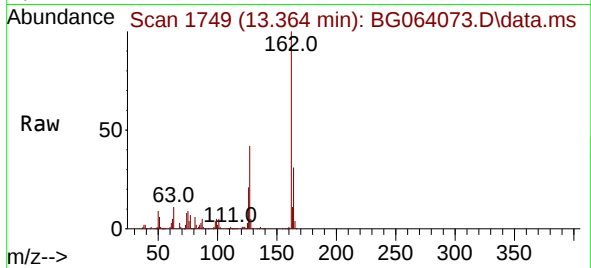




#47
2-Chloronaphthalene
Concen: 41.853 ng
RT: 13.364 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

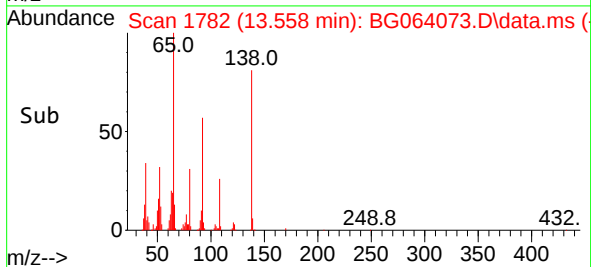
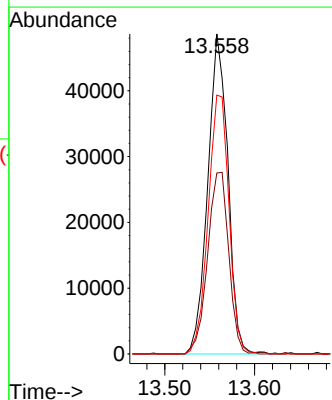
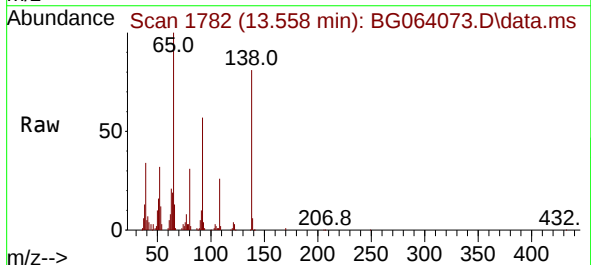
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

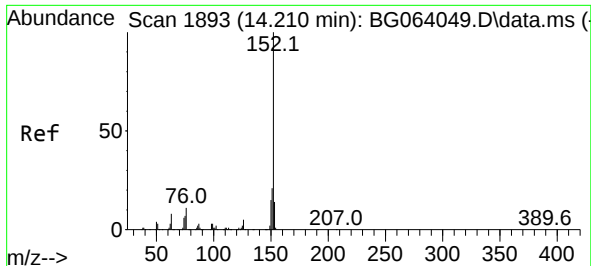
Tgt Ion:162 Resp: 233170
Ion Ratio Lower Upper
162 100
127 41.8 35.0 52.4
164 31.3 25.0 37.6



#48
2-Nitroaniline
Concen: 42.053 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion: 65 Resp: 75649
Ion Ratio Lower Upper
65 100
92 56.5 51.2 76.8
138 80.9 69.4 104.2

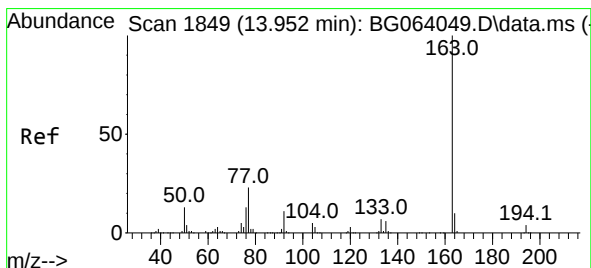
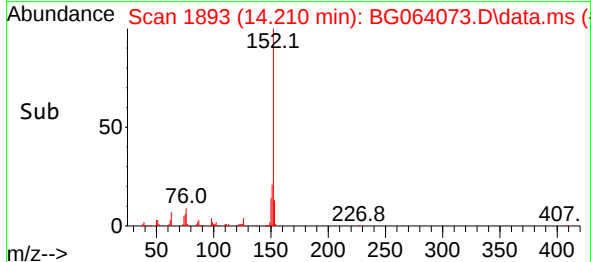
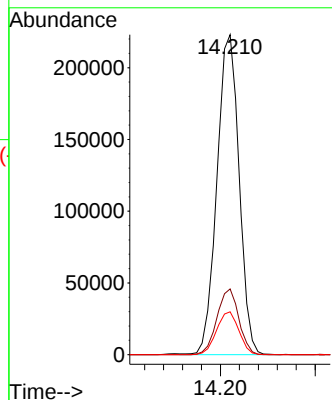
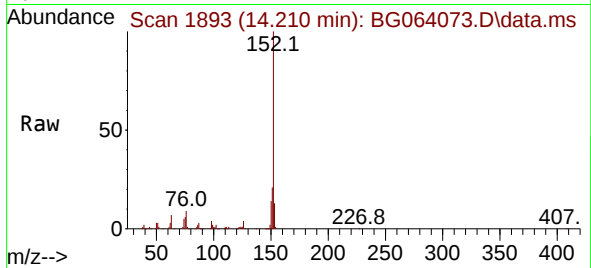




#49
Acenaphthylene
Concen: 41.061 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

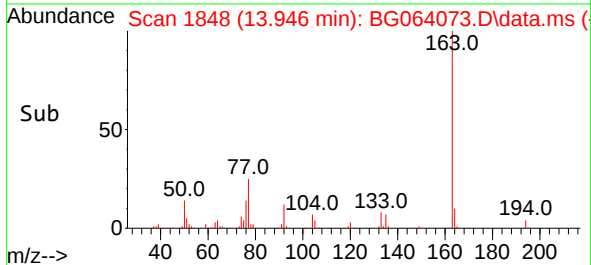
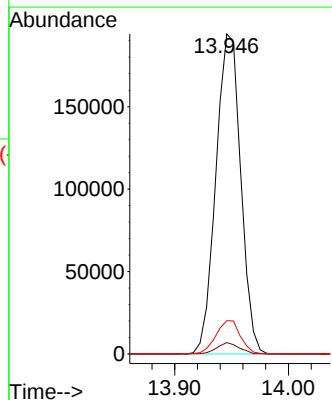
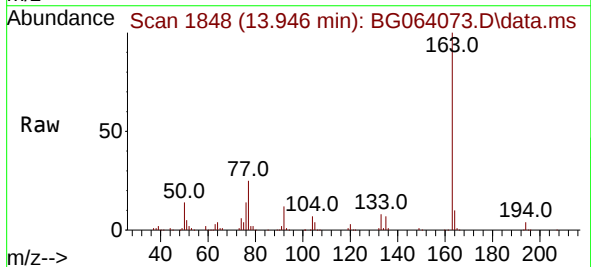
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

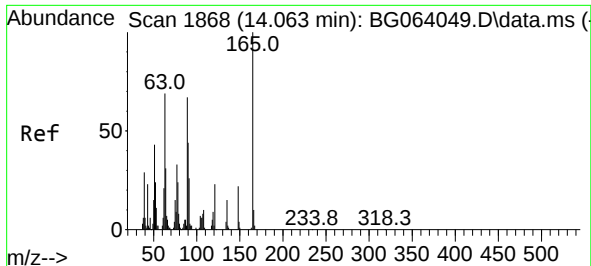
Tgt Ion:152 Resp: 361829
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.4 10.9 16.3



#50
Dimethylphthalate
Concen: 39.481 ng
RT: 13.946 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:163 Resp: 294665
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.4 8.2 12.2

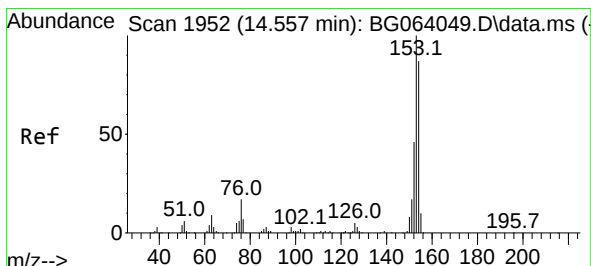
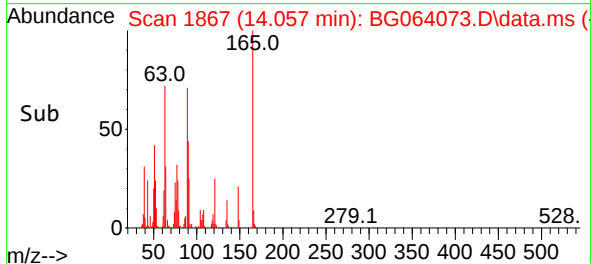
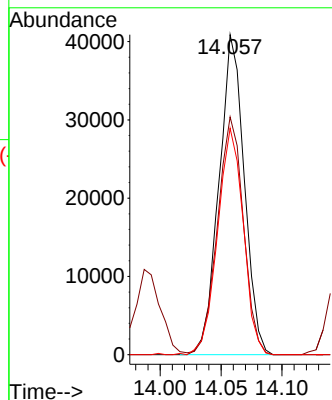
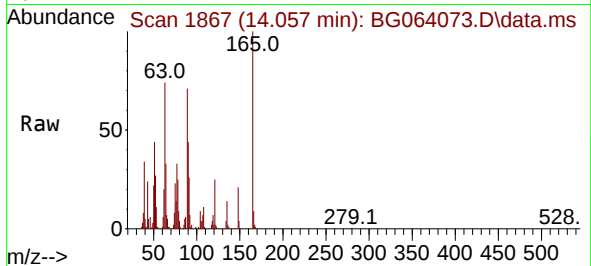




#51
2,6-Dinitrotoluene
Concen: 39.535 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

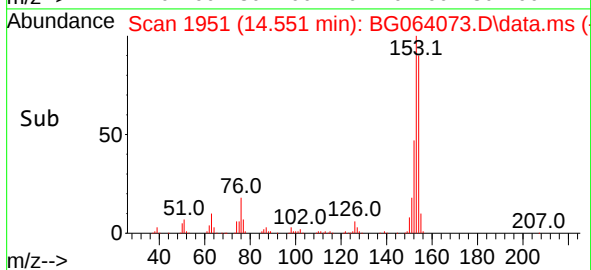
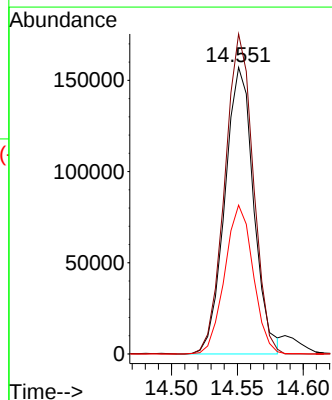
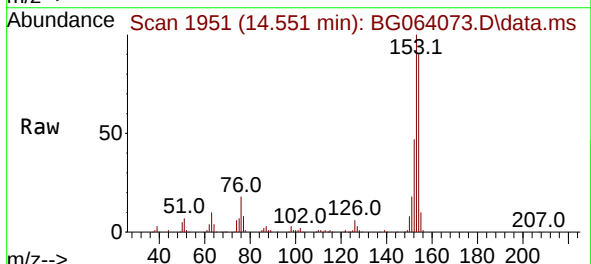
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

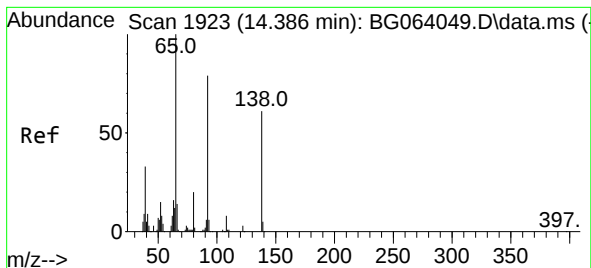
Tgt Ion:165 Resp: 58897
Ion Ratio Lower Upper
165 100
63 74.3 56.7 85.1
89 70.7 53.7 80.5



#52
Acenaphthene
Concen: 40.535 ng m
RT: 14.551 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:154 Resp: 239713
Ion Ratio Lower Upper
154 100
153 111.6 91.6 137.4
152 51.9 42.5 63.7

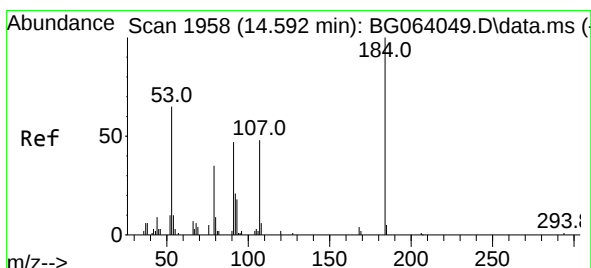
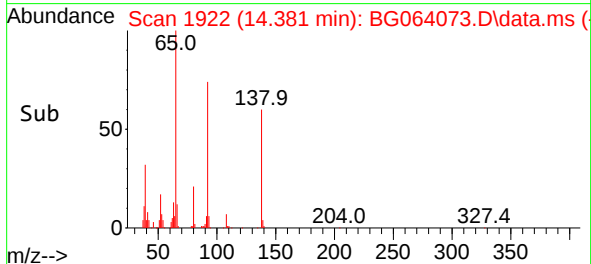
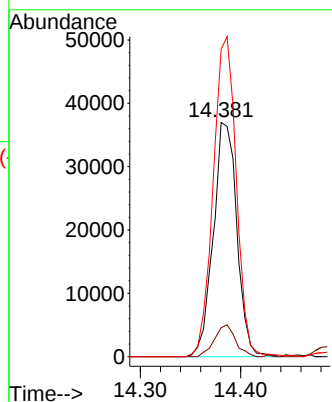
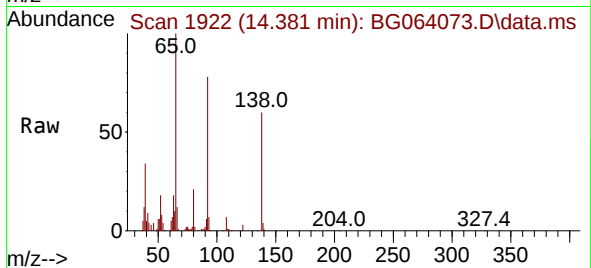




#53
3-Nitroaniline
Concen: 41.682 ng
RT: 14.381 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

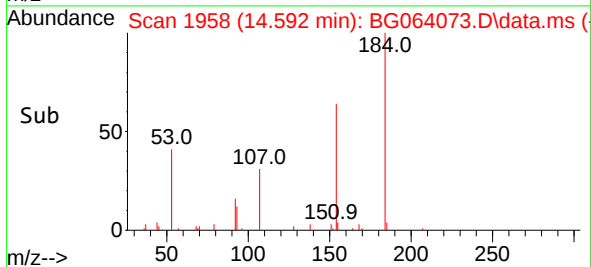
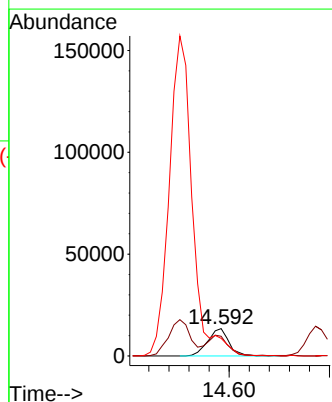
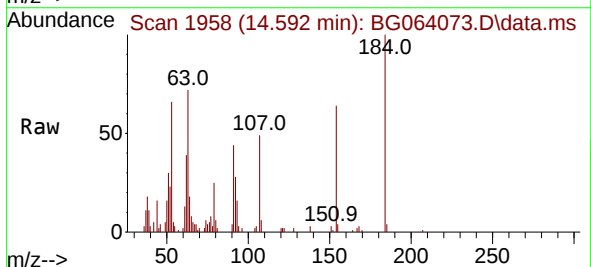
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

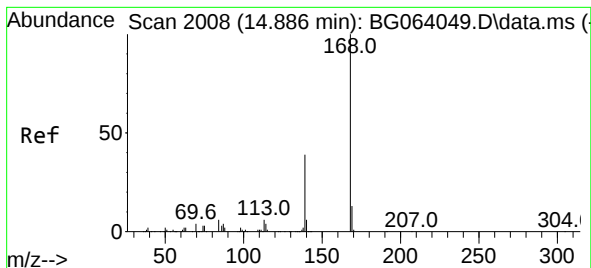
Tgt Ion:138 Resp: 60125
Ion Ratio Lower Upper
138 100
108 12.4 10.1 15.1
92 131.2 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 35.836 ng
RT: 14.592 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:184 Resp: 19576
Ion Ratio Lower Upper
184 100
63 72.2 57.5 86.3
154 64.4 52.3 78.5





#55

Dibenzofuran

Concen: 40.413 ng

RT: 14.886 min Scan# 2008

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

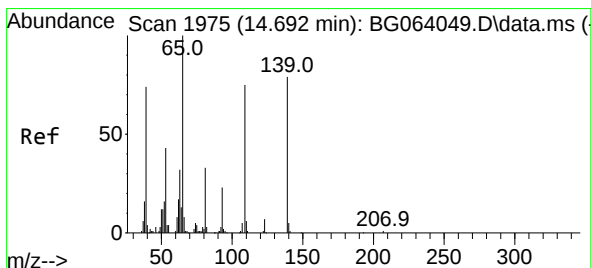
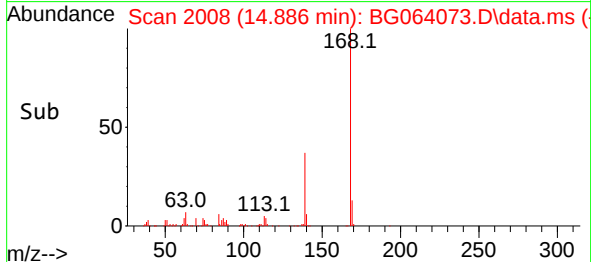
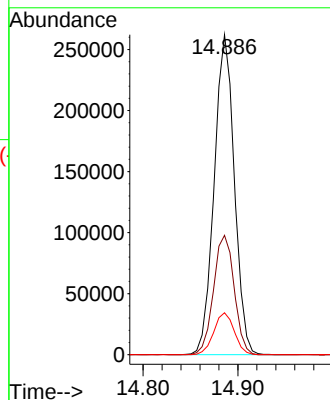
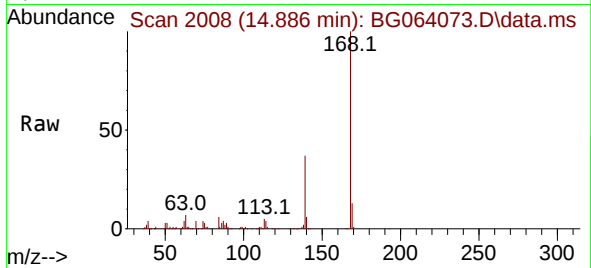
Tgt Ion:168 Resp: 387167

Ion Ratio Lower Upper

168 100

139 37.3 31.1 46.7

169 13.1 10.5 15.7



#56

4-Nitrophenol

Concen: 39.920 ng

RT: 14.692 min Scan# 1975

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

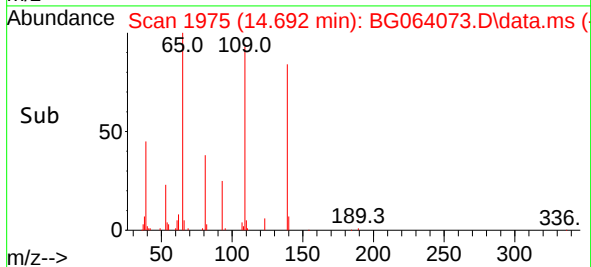
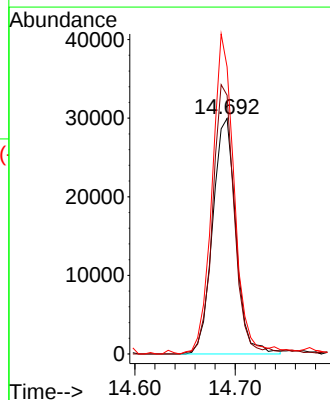
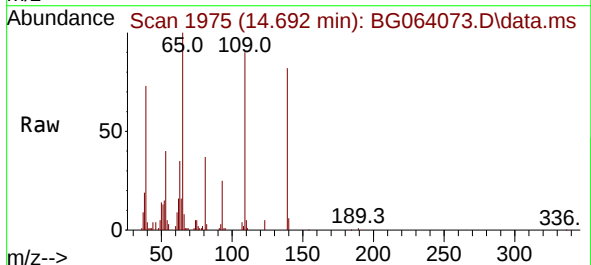
Tgt Ion:139 Resp: 48293

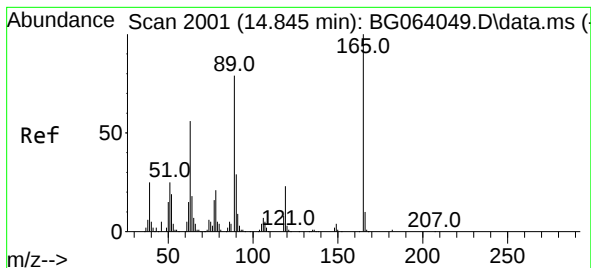
Ion Ratio Lower Upper

139 100

109 109.9 74.9 114.9

65 121.9 106.8 146.8

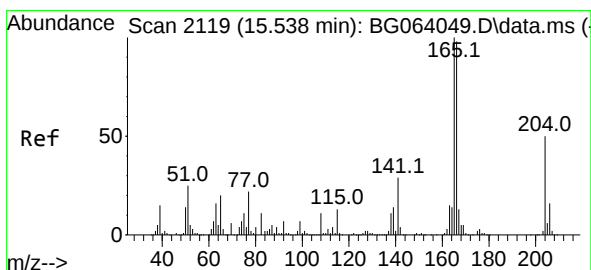
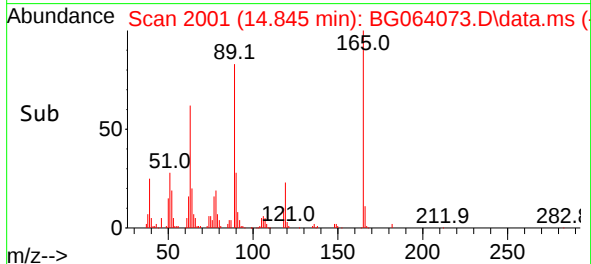
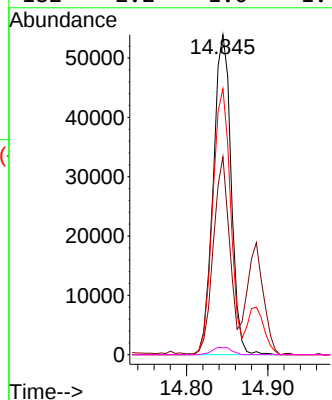
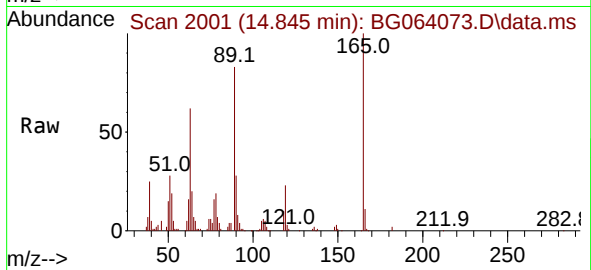




#57
2,4-Dinitrotoluene
Concen: 39.981 ng
RT: 14.845 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

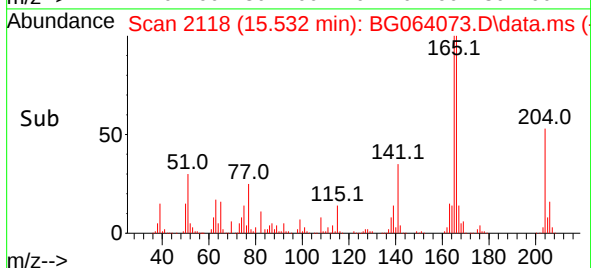
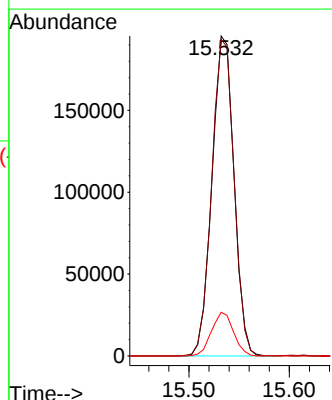
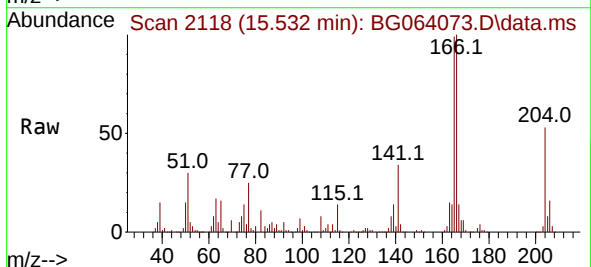
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

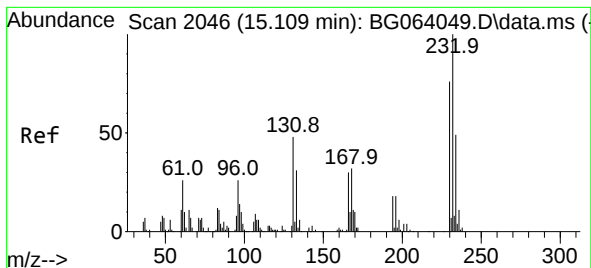
Tgt Ion:165 Resp: 82152
Ion Ratio Lower Upper
165 100
63 61.8 45.0 67.6
89 83.1 63.1 94.7
182 2.2 1.0 1.4#



#58
Fluorene
Concen: 39.896 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:166 Resp: 297687
Ion Ratio Lower Upper
166 100
165 99.0 81.8 122.8
167 13.6 10.8 16.2

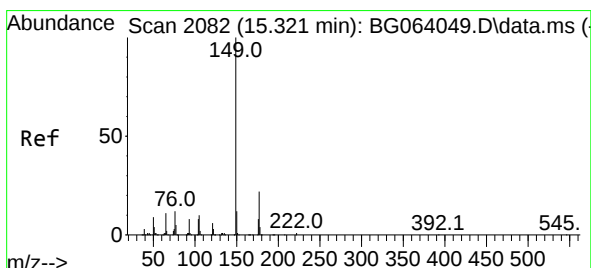
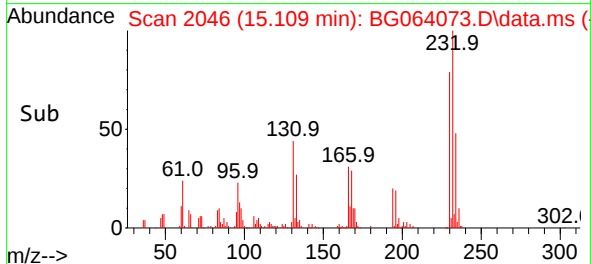
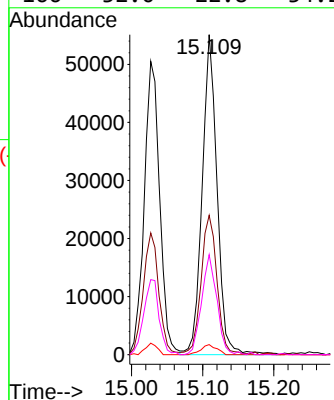
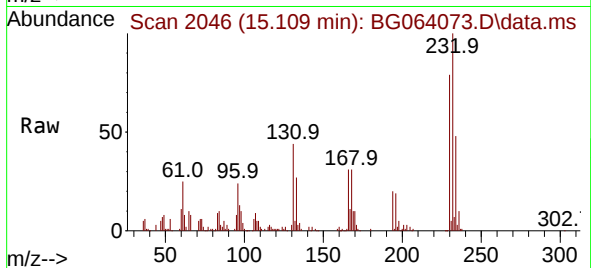




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.692 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

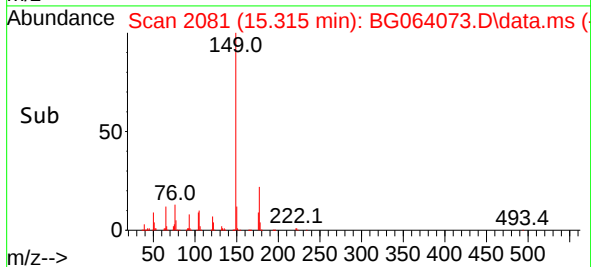
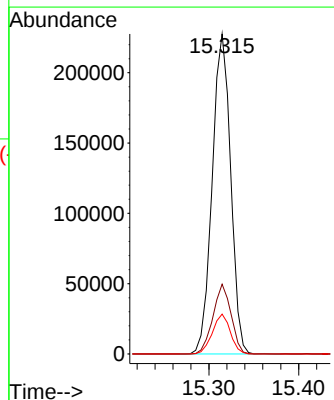
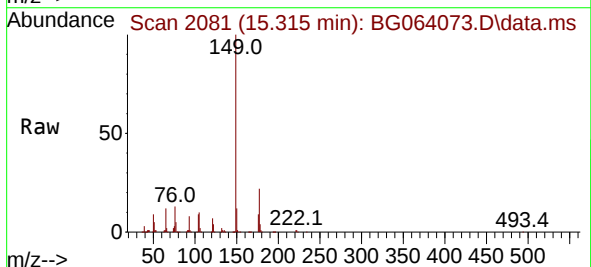
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

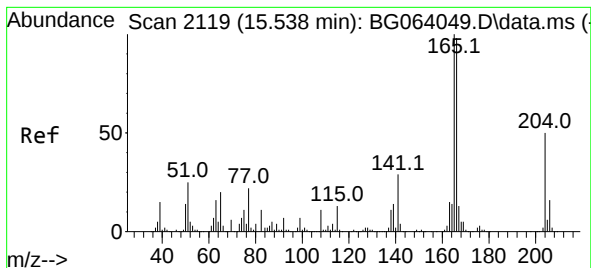
Tgt Ion:	232	Resp:	80517
Ion Ratio	Lower	Upper	
232	100		
131	45.6	36.3	54.5
130	3.3	1.9	2.9#
166	32.0	22.8	34.2



#60
Diethylphthalate
Concen: 40.007 ng
RT: 15.315 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	149	Resp:	324148
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.4	26.2
150	12.5	9.4	14.2

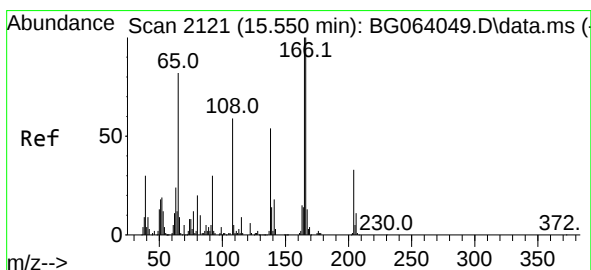
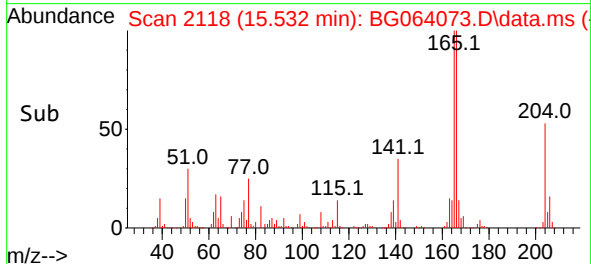
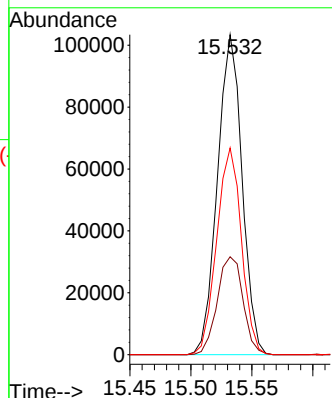
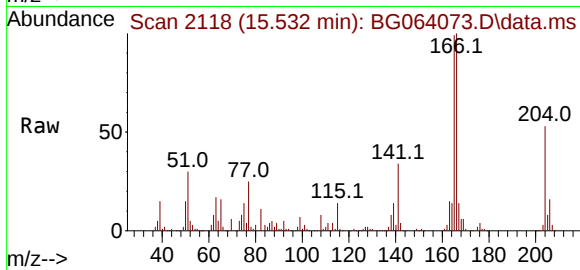




#61
4-Chlorophenyl-phenylether
Concen: 39.213 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

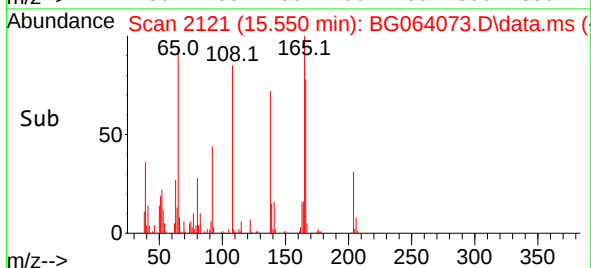
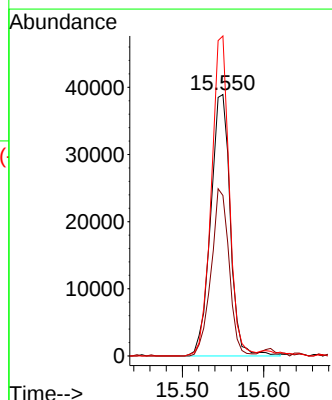
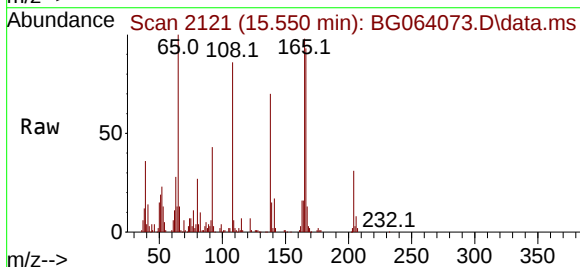
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

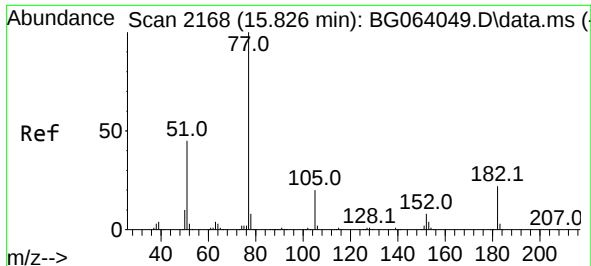
Tgt Ion:204 Resp: 145401
Ion Ratio Lower Upper
204 100
206 30.6 25.5 38.3
141 64.6 45.4 68.0



#62
4-Nitroaniline
Concen: 41.807 ng
RT: 15.550 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:138 Resp: 65107
Ion Ratio Lower Upper
138 100
92 61.4 36.1 76.1
108 122.4 87.9 127.9

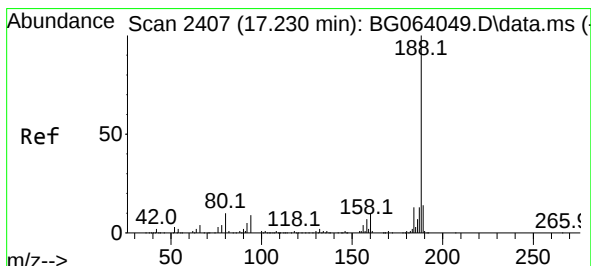
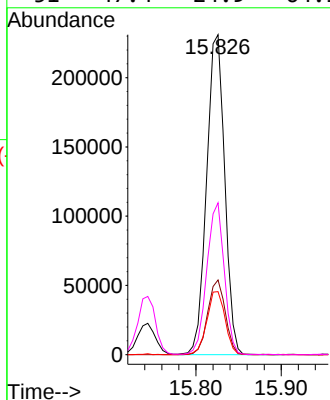
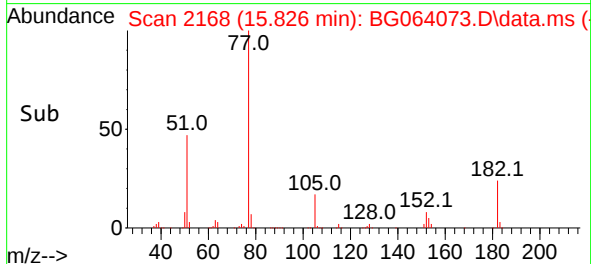
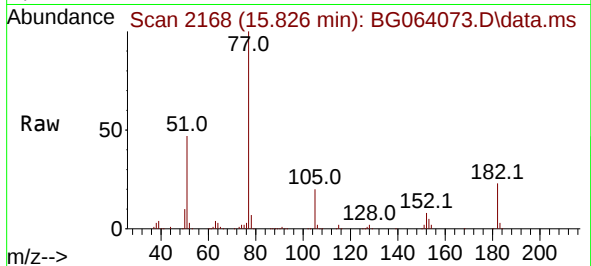




#63
Azobenzene
Concen: 39.392 ng
RT: 15.826 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

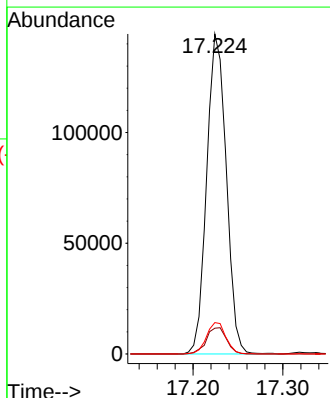
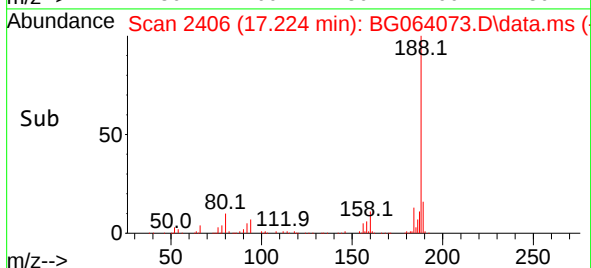
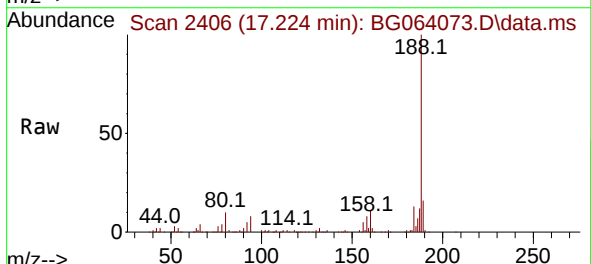
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

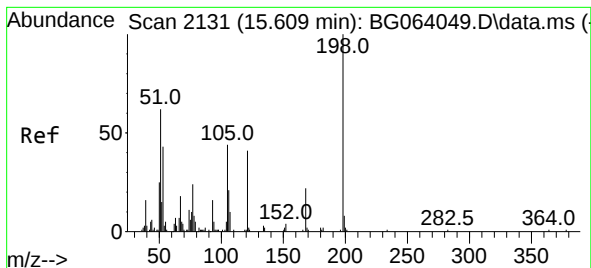
Tgt Ion:	77	Resp:	340580
Ion Ratio	Lower	Upper	
77	100		
182	23.4	2.4	42.4
105	19.7	0.0	40.0
51	47.4	24.9	64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:	188	Resp:	218504
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.9	10.3
80	9.8	8.1	12.1

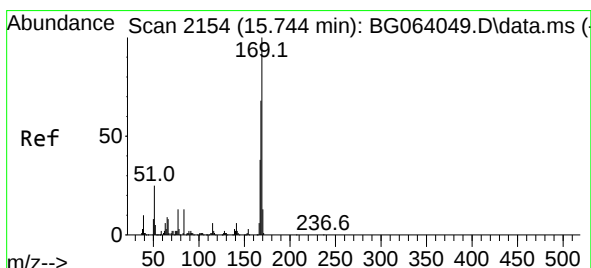
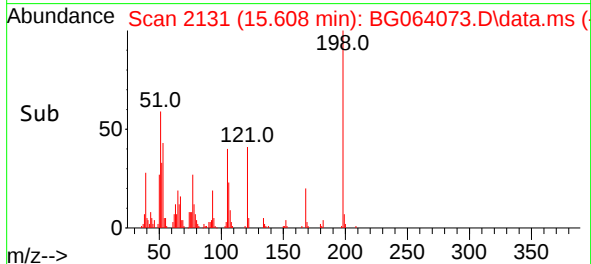
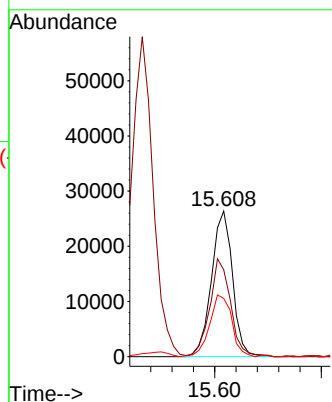
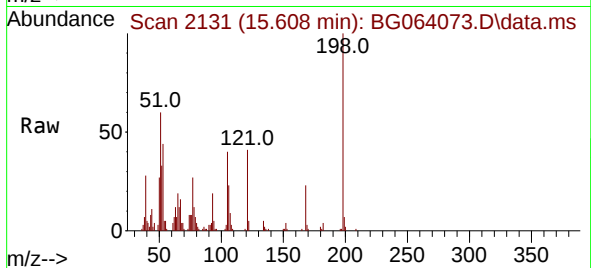




#65
4,6-Dinitro-2-methylphenol
Concen: 39.895 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

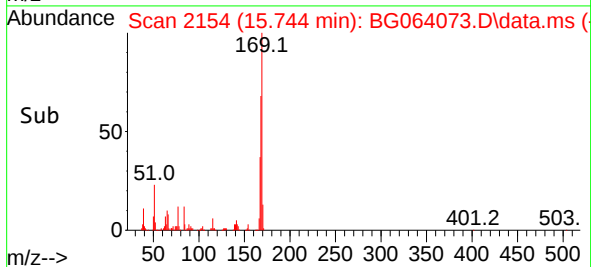
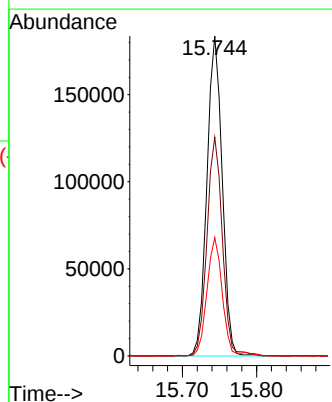
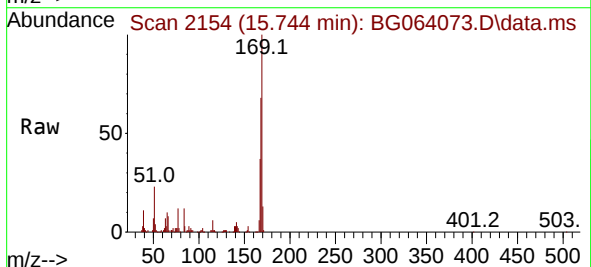
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

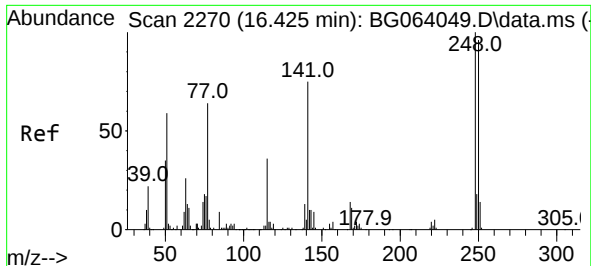
Tgt Ion:198 Resp: 36088
Ion Ratio Lower Upper
198 100
51 59.7 45.6 85.6
105 40.0 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 42.426 ng
RT: 15.744 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:169 Resp: 262404
Ion Ratio Lower Upper
169 100
168 68.3 54.1 81.1
167 37.0 30.3 45.5

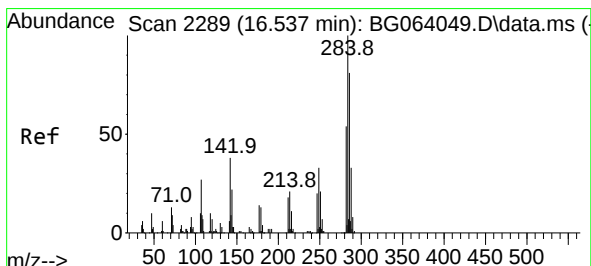
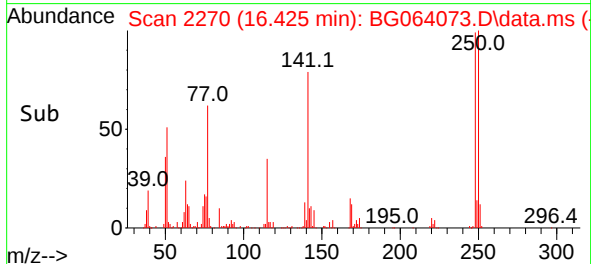
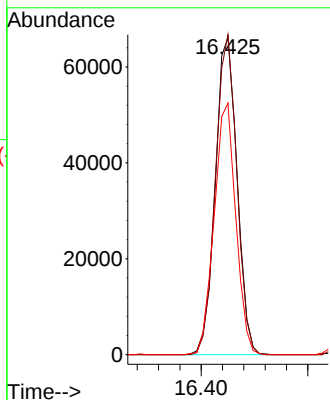
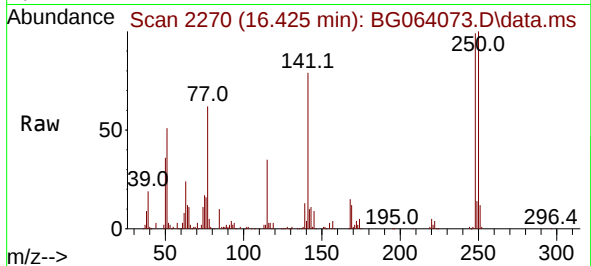




#67
4-Bromophenyl-phenylether
Concen: 41.817 ng
RT: 16.425 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

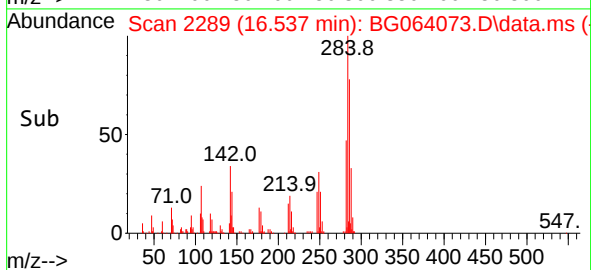
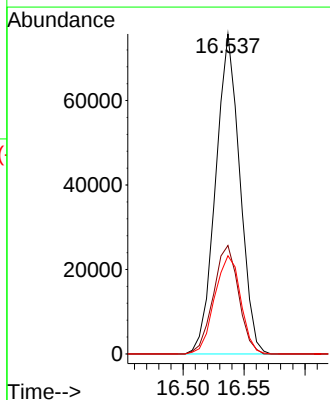
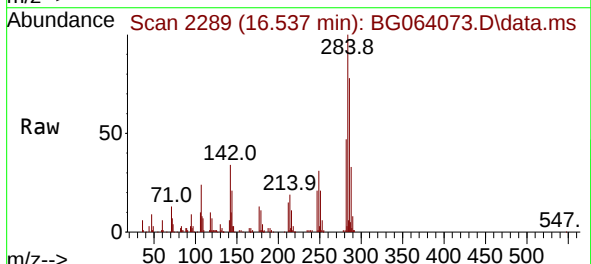
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

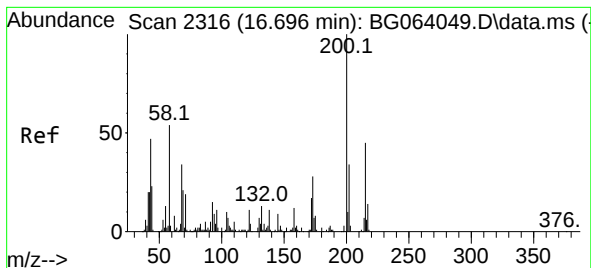
Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.9	77.1	115.7
141	79.3	59.8	89.8



#68
Hexachlorobenzene
Concen: 41.786 ng
RT: 16.537 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	30.6	45.8
249	30.7	26.6	39.8





#69

Atrazine

Concen: 34.275 ng

RT: 16.690 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

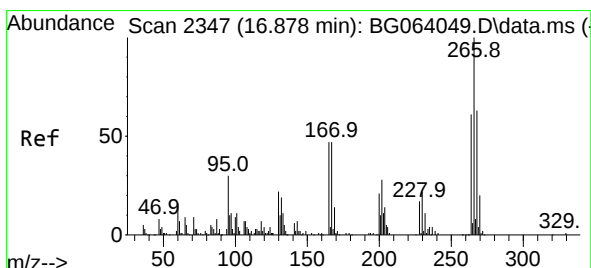
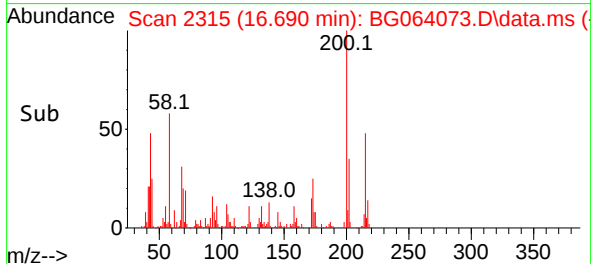
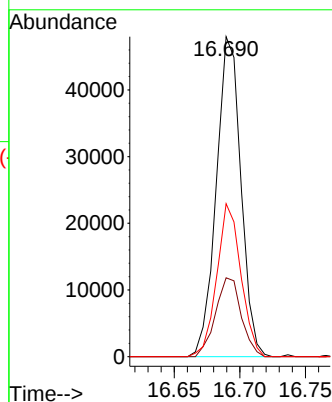
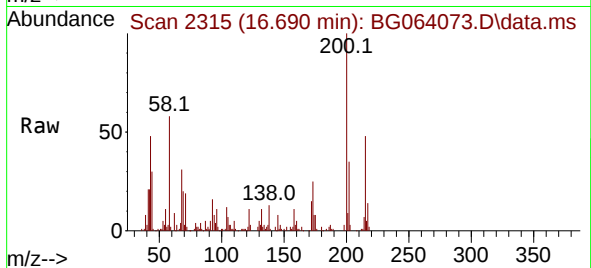
Tgt Ion:200 Resp: 62375

Ion Ratio Lower Upper

200 100

173 24.6 8.2 48.2

215 47.8 25.5 65.5



#70

Pentachlorophenol

Concen: 41.654 ng

RT: 16.878 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

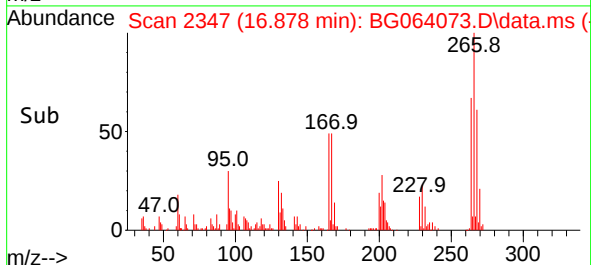
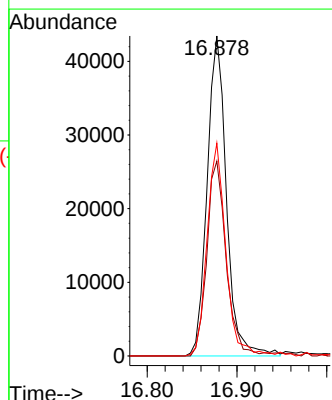
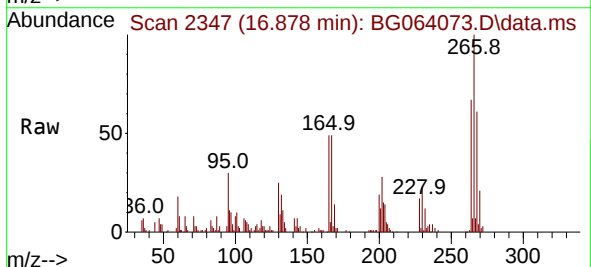
Tgt Ion:266 Resp: 64797

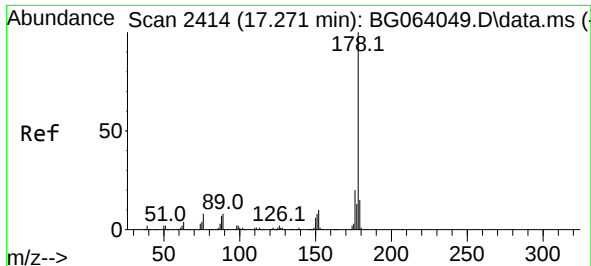
Ion Ratio Lower Upper

266 100

268 60.9 50.2 75.4

264 66.5 48.9 73.3

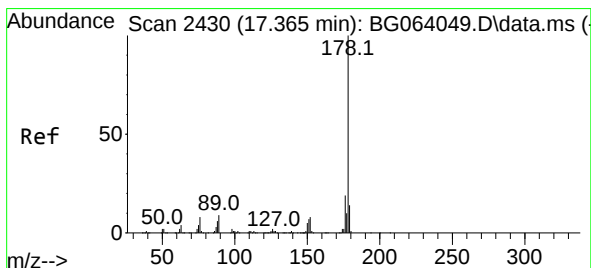
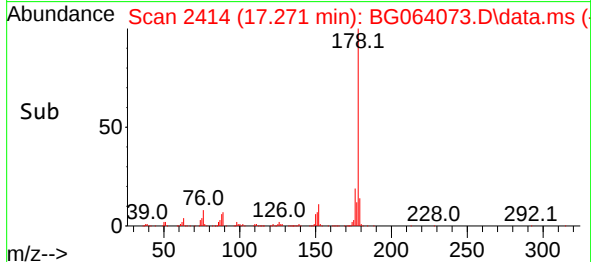
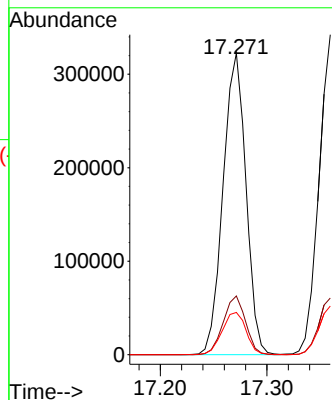
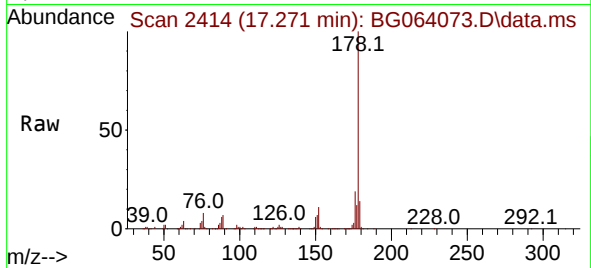




#71
Phenanthrene
Concen: 41.144 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

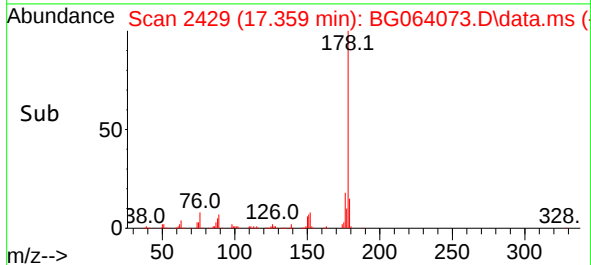
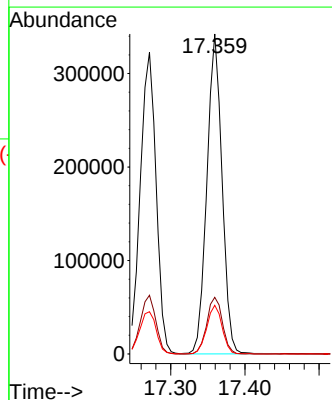
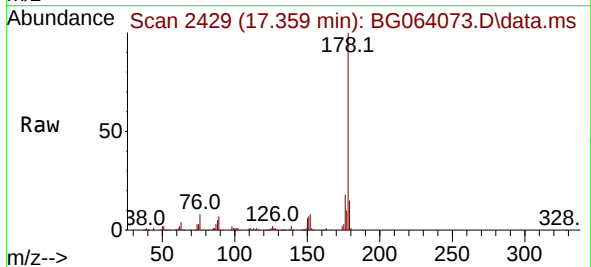
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

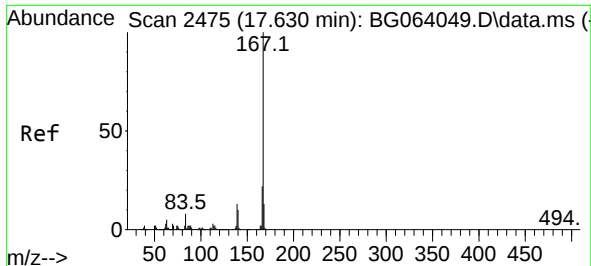
Tgt Ion:178 Resp: 479519
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 14.0 12.2 18.2



#72
Anthracene
Concen: 41.849 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:178 Resp: 484980
Ion Ratio Lower Upper
178 100
176 17.7 14.8 22.2
179 15.2 11.5 17.3

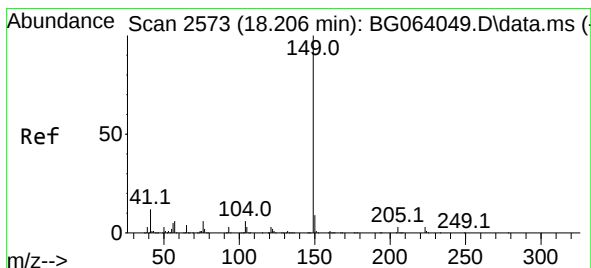
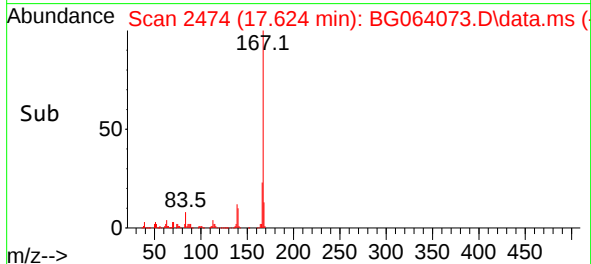
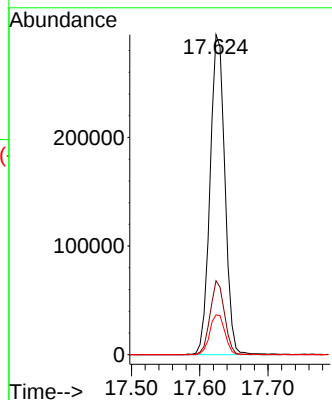
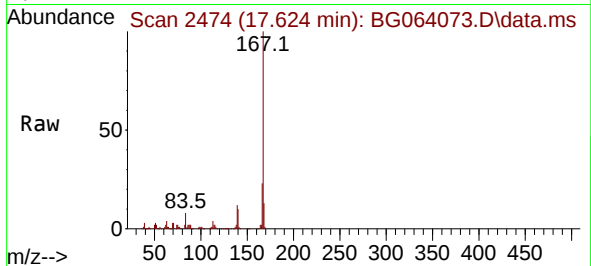




#73
 Carbazole
 Concen: 41.162 ng
 RT: 17.624 min Scan# 2475
 Delta R.T. -0.006 min
 Lab File: BG064073.D
 Acq: 10 Mar 2025 9:23

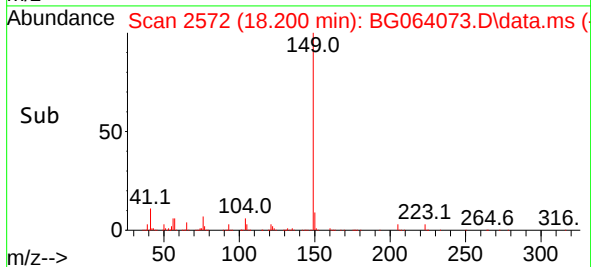
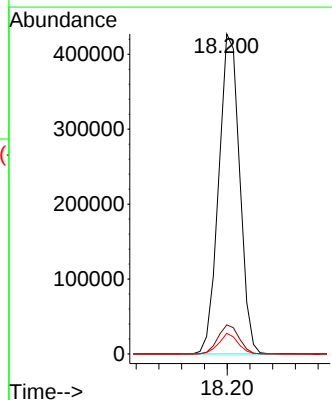
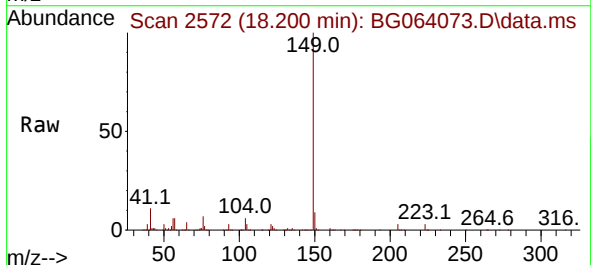
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

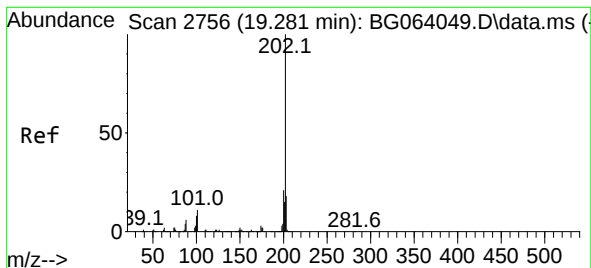
Tgt Ion:167 Resp: 445367
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 12.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 42.868 ng
 RT: 18.200 min Scan# 2572
 Delta R.T. -0.006 min
 Lab File: BG064073.D
 Acq: 10 Mar 2025 9:23

Tgt Ion:149 Resp: 545972
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 6.5 5.0 7.6





#75

Fluoranthene

Concen: 40.646 ng

RT: 19.281 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

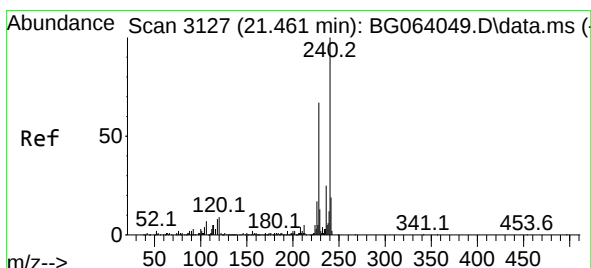
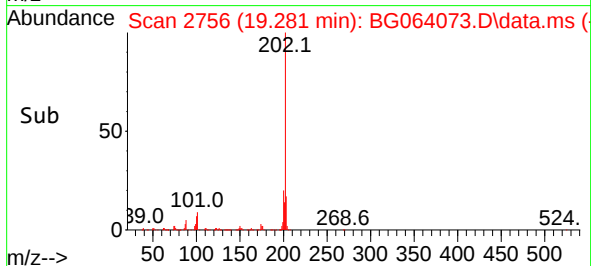
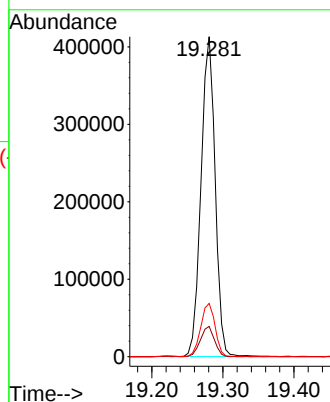
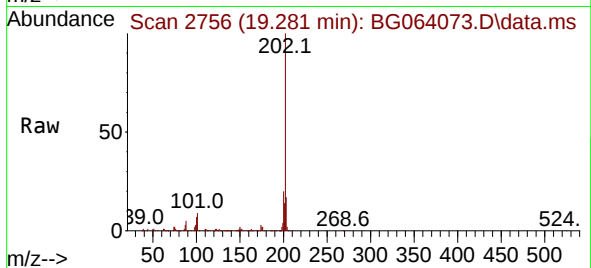
Tgt Ion:202 Resp: 571089

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.5

203 16.7 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.460 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

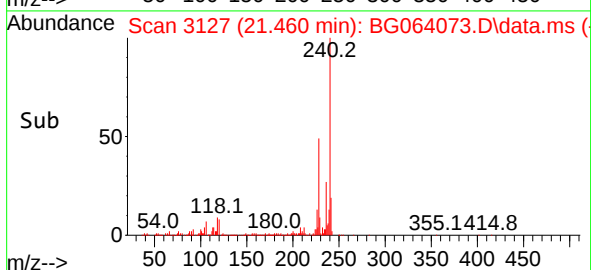
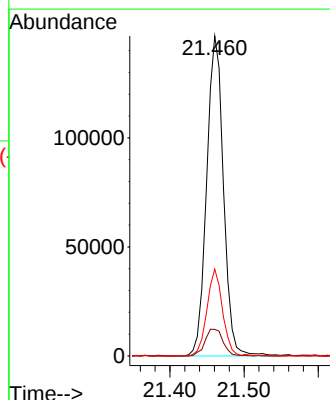
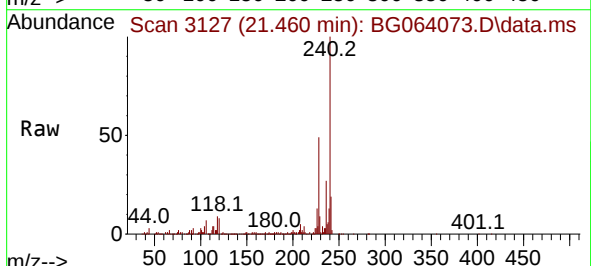
Tgt Ion:240 Resp: 231279

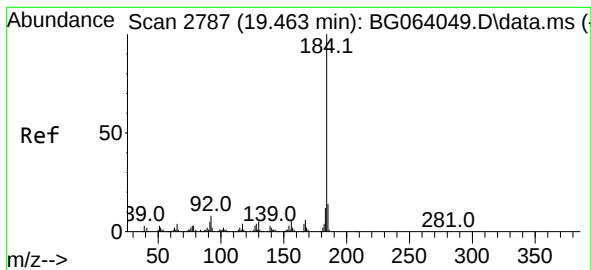
Ion Ratio Lower Upper

240 100

120 8.3 7.2 10.8

236 27.2 20.2 30.2





#77

Benzidine

Concen: 63.633 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

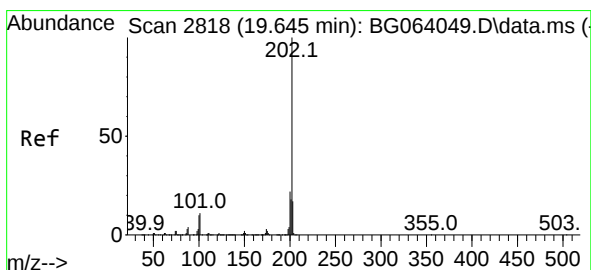
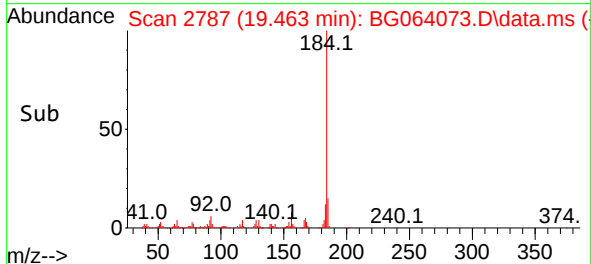
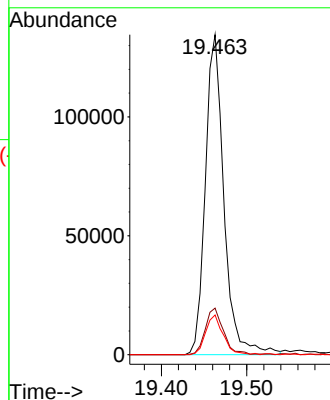
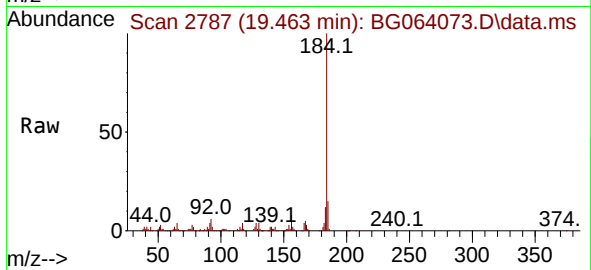
Tgt Ion:184 Resp: 203789

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 39.505 ng

RT: 19.639 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

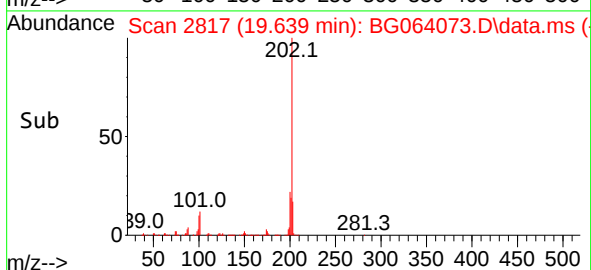
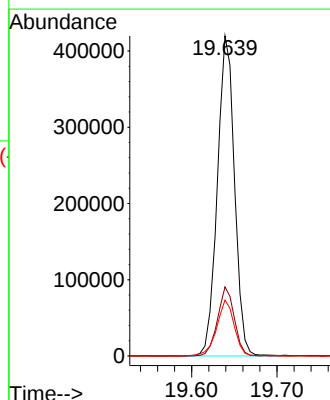
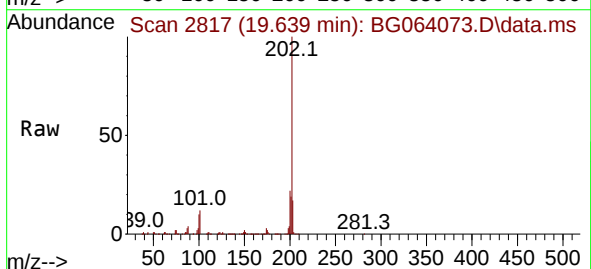
Tgt Ion:202 Resp: 588965

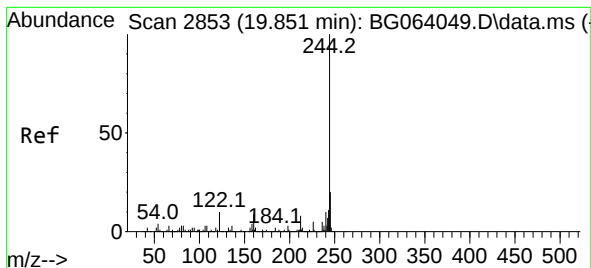
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.4 13.6 20.4





#79

Terphenyl-d14

Concen: 78.583 ng

RT: 19.851 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

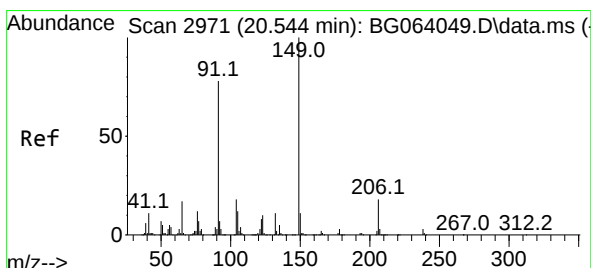
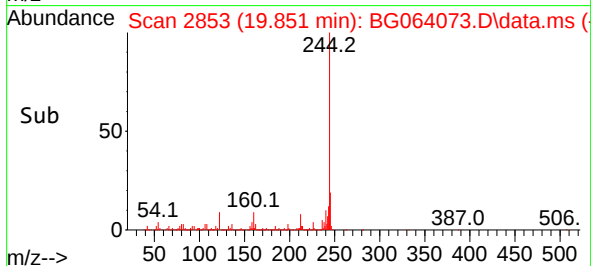
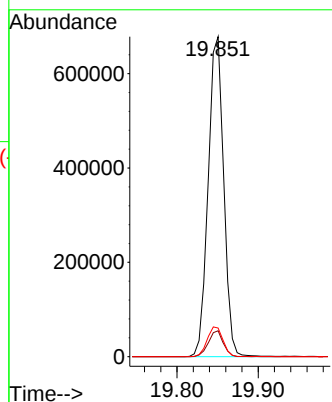
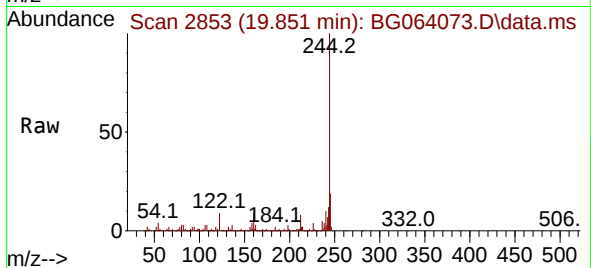
Tgt Ion:244 Resp: 898849

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.4

122 9.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 41.755 ng

RT: 20.544 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

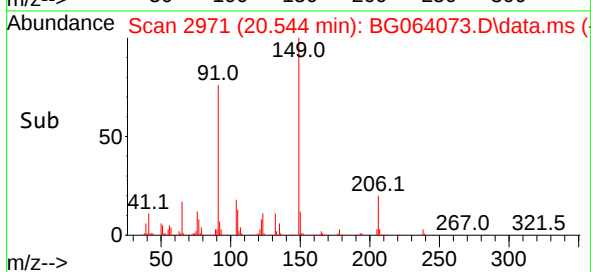
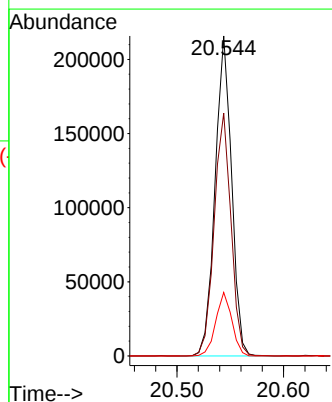
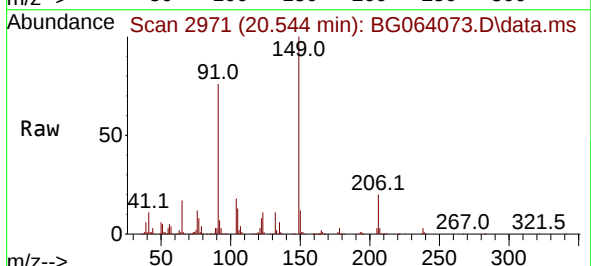
Tgt Ion:149 Resp: 230728

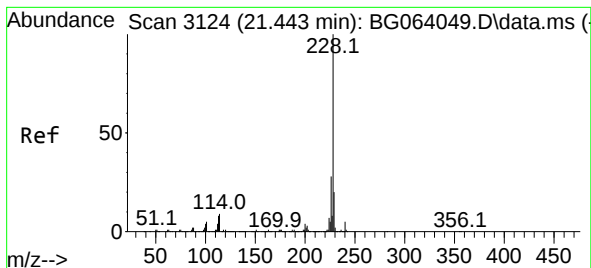
Ion Ratio Lower Upper

149 100

91 75.9 62.0 93.0

206 19.9 14.6 21.8





#81

Benzo(a)anthracene

Concen: 40.085 ng

RT: 21.443 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

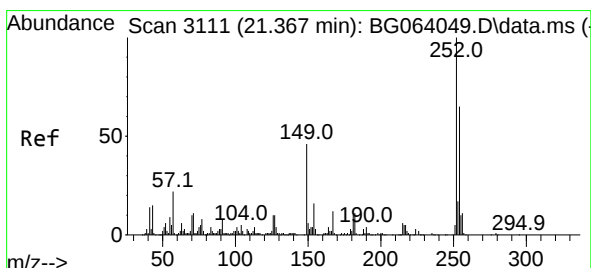
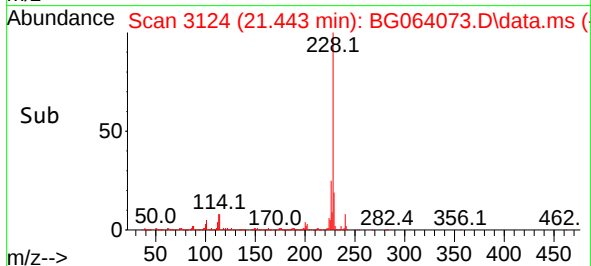
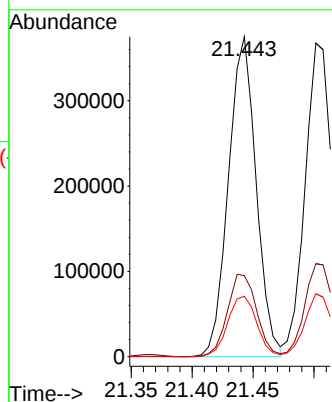
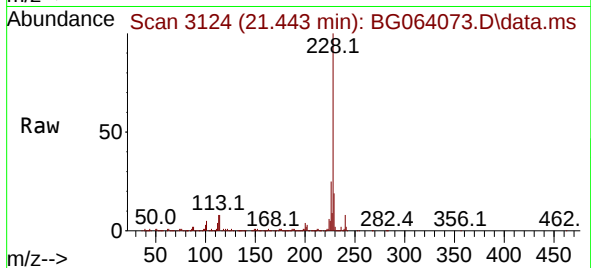
Tgt Ion:228 Resp: 593862

Ion Ratio Lower Upper

228 100

226 25.3 22.2 33.2

229 18.9 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 41.667 ng

RT: 21.366 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

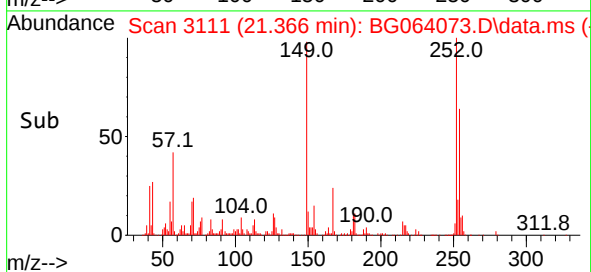
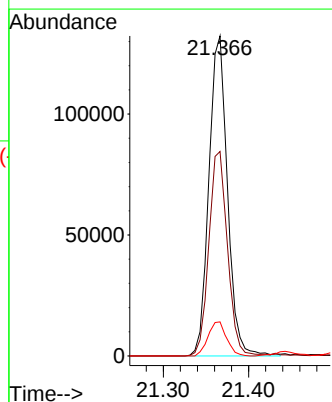
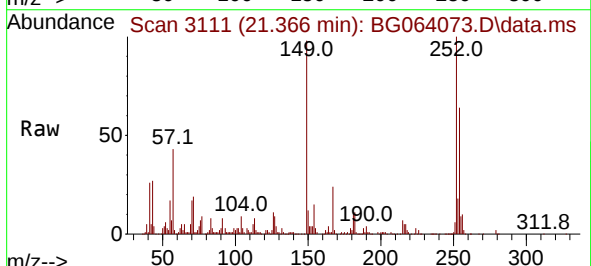
Tgt Ion:252 Resp: 199778

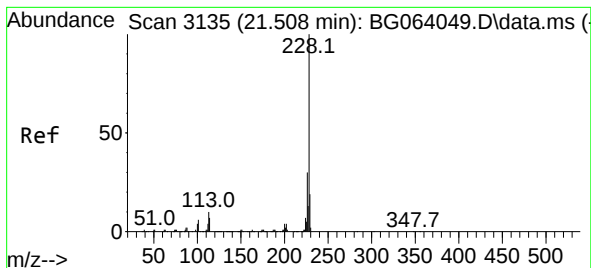
Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 10.6 7.8 11.8





#83

Chrysene

Concen: 38.999 ng

RT: 21.502 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

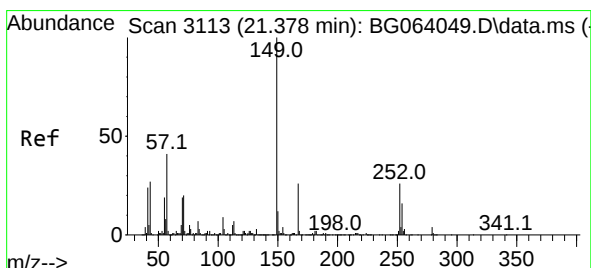
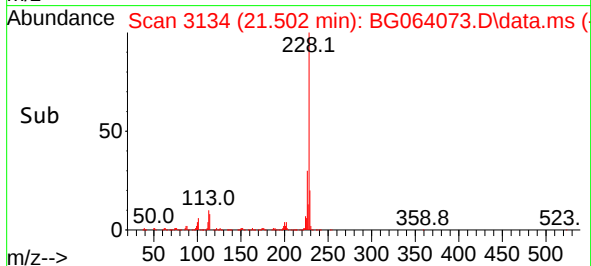
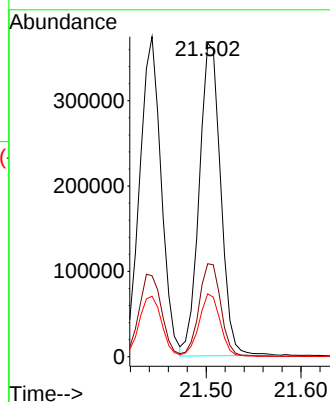
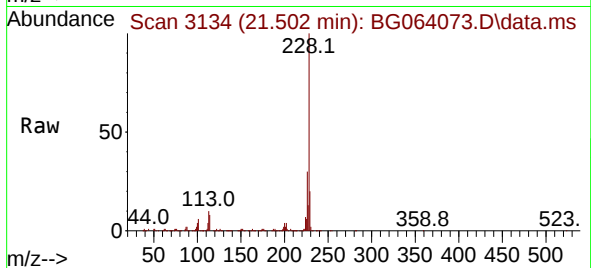
Tgt Ion:228 Resp: 576260

Ion Ratio Lower Upper

228 100

226 29.6 23.9 35.9

229 20.1 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.526 ng

RT: 21.378 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

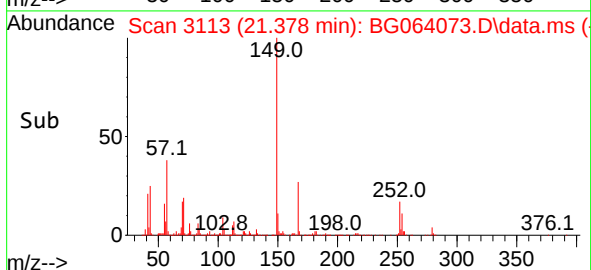
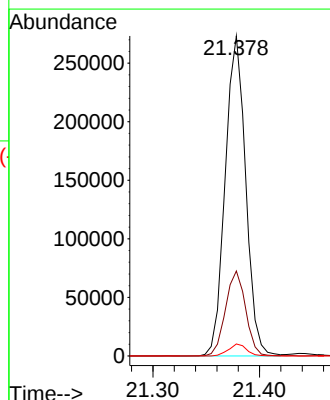
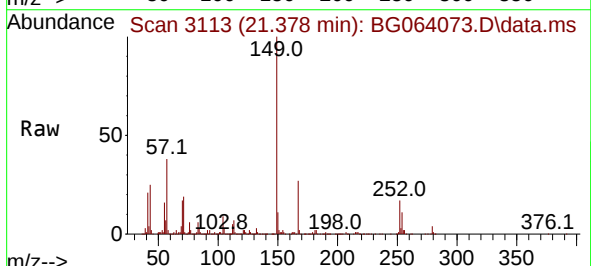
Tgt Ion:149 Resp: 364766

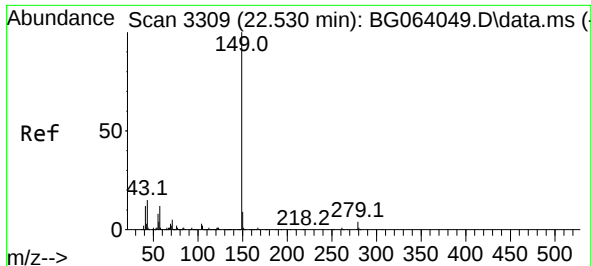
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.6

279 3.7 2.8 4.2

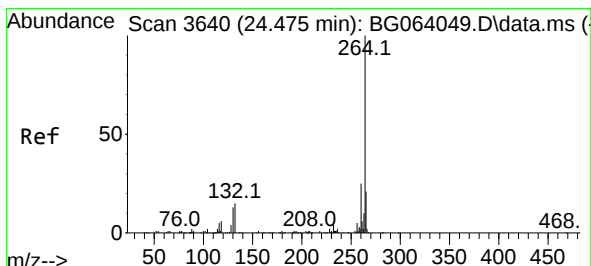
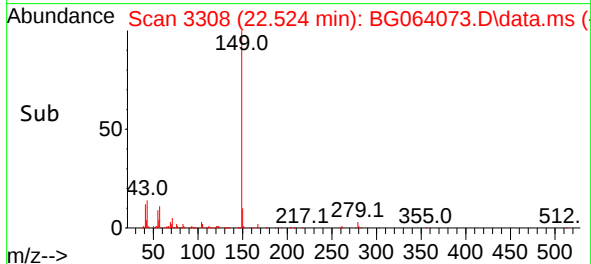
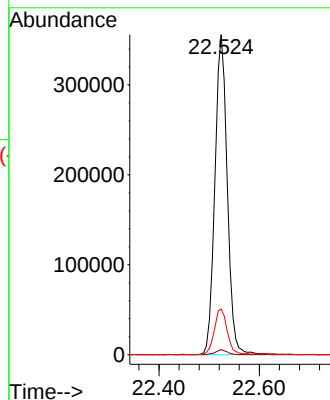
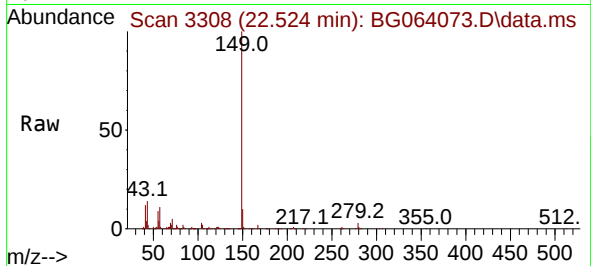




#85
Di-n-octyl phthalate
Concen: 43.975 ng
RT: 22.524 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

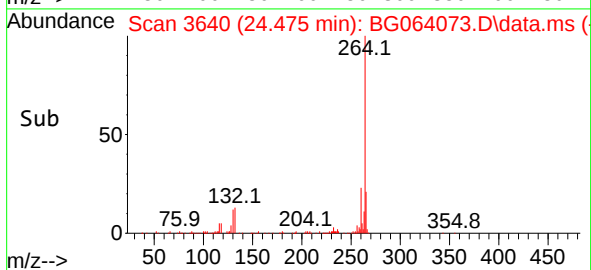
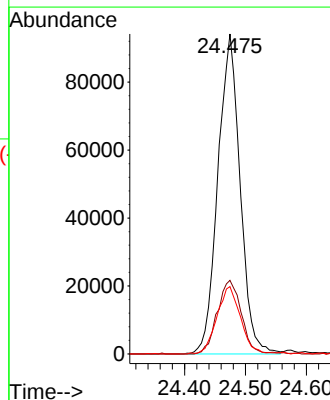
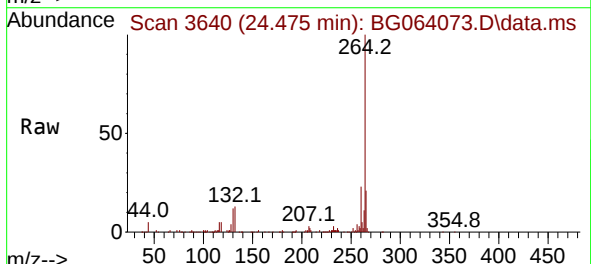
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

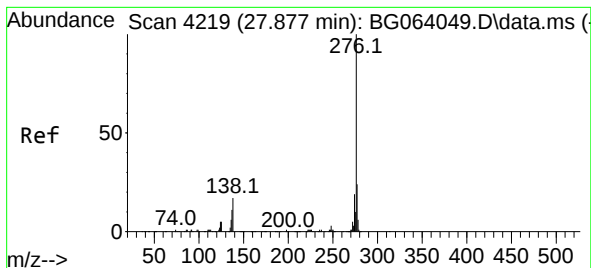
Tgt Ion:149 Resp: 607728
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 15.1 12.6 19.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.475 min Scan# 3640
Delta R.T. -0.000 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:264 Resp: 238878
Ion Ratio Lower Upper
264 100
260 23.0 19.6 29.4
265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.106 ng

RT: 27.865 min Scan# 41

Delta R.T. -0.012 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

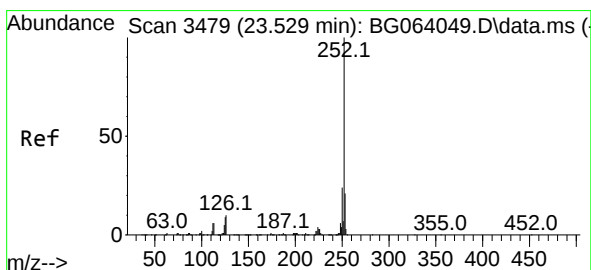
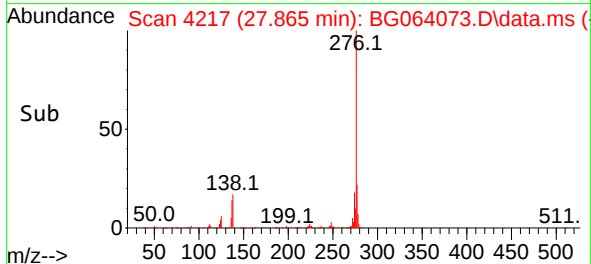
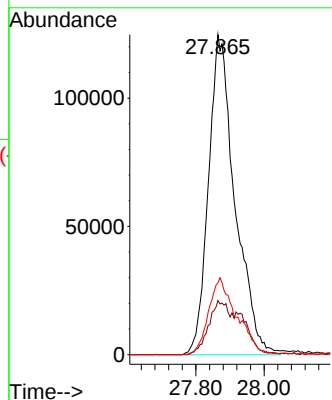
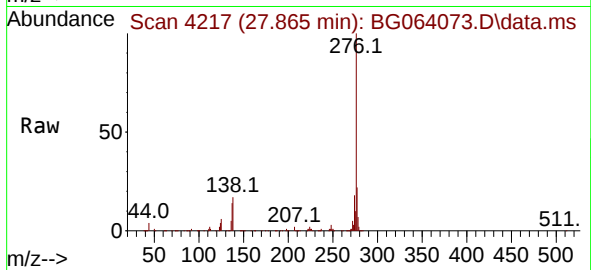
Tgt Ion:276 Resp: 672971

Ion Ratio Lower Upper

276 100

138 12.4 12.1 18.1

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 41.954 ng

RT: 23.523 min Scan# 3478

Delta R.T. -0.006 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

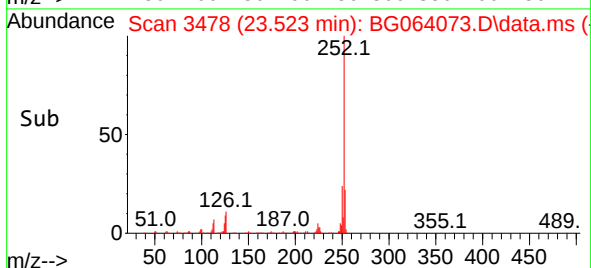
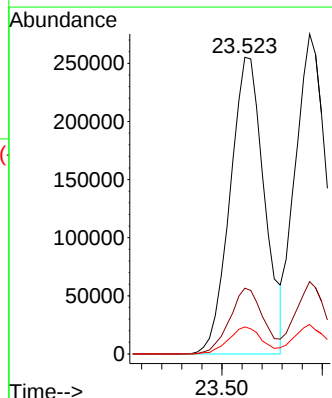
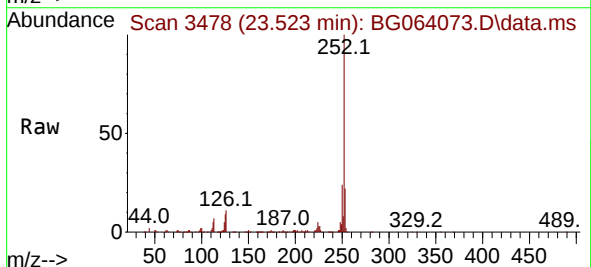
Tgt Ion:252 Resp: 605854

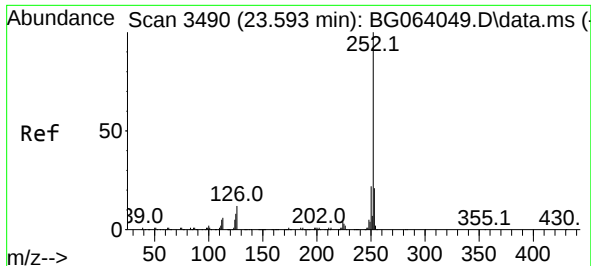
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.1 7.4 11.2

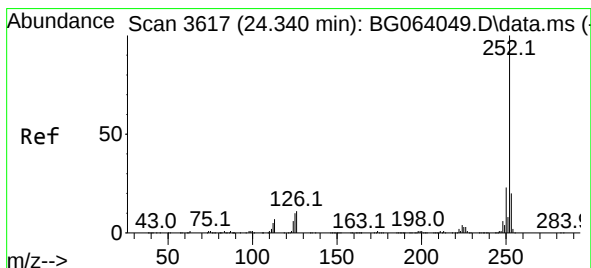
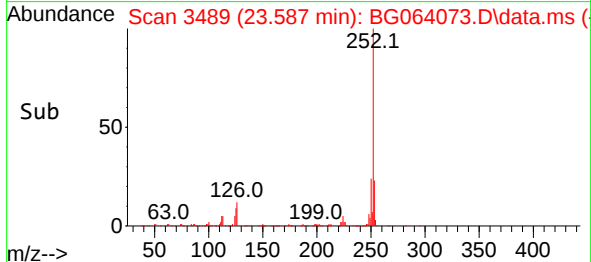
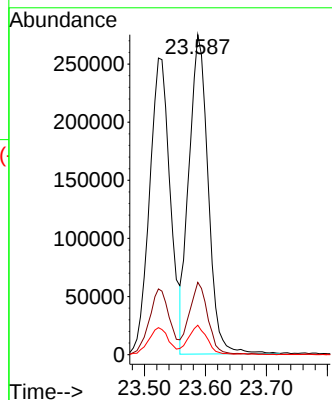
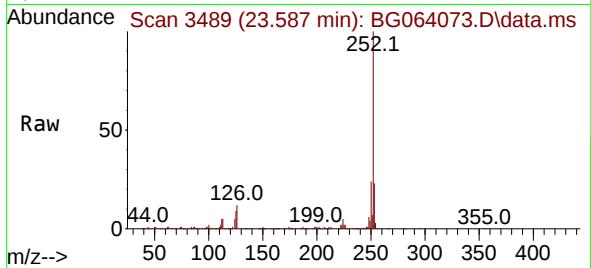




#89
Benzo(k)fluoranthene
Concen: 41.334 ng
RT: 23.587 min Scan# 3490
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

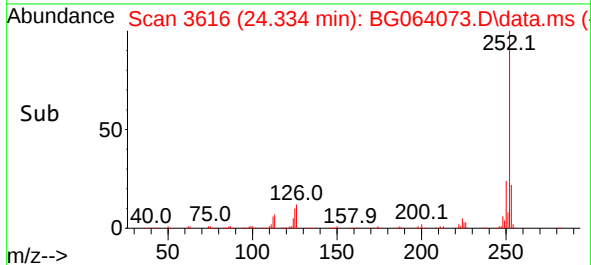
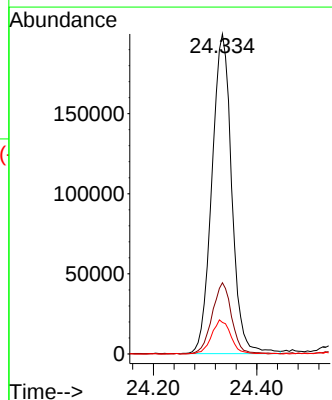
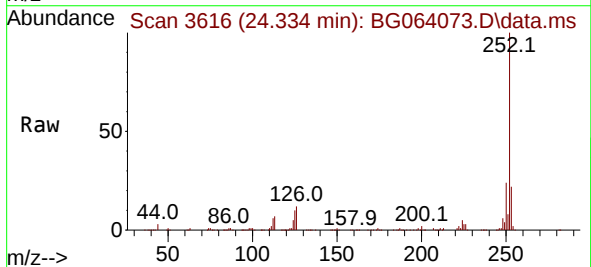
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

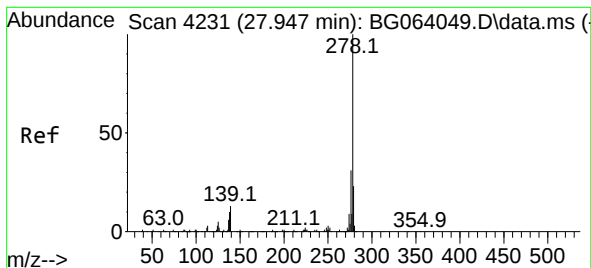
Tgt Ion:252 Resp: 598826
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 9.2 6.9 10.3



#90
Benzo(a)pyrene
Concen: 41.250 ng
RT: 24.334 min Scan# 3616
Delta R.T. -0.006 min
Lab File: BG064073.D
Acq: 10 Mar 2025 9:23

Tgt Ion:252 Resp: 530514
Ion Ratio Lower Upper
252 100
253 22.3 16.2 24.2
125 9.8 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 42.060 ng

RT: 27.935 min Scan# 4398

Delta R.T. -0.012 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

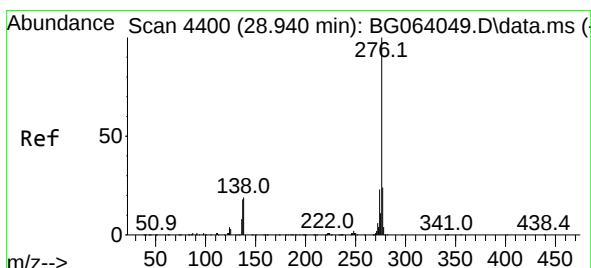
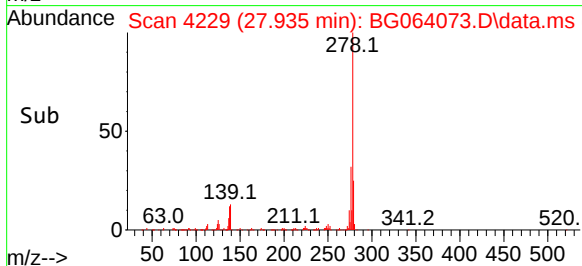
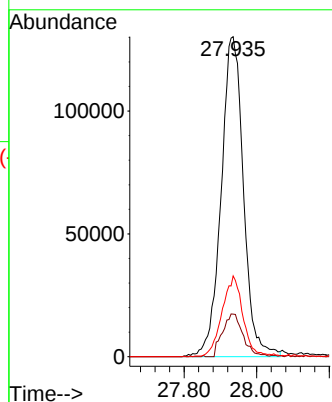
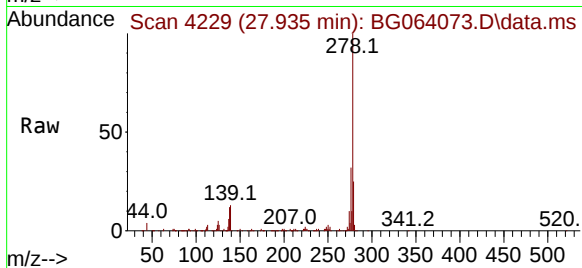
Tgt Ion:278 Resp: 557315

Ion Ratio Lower Upper

278 100

139 13.3 10.2 15.2

279 25.3 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 41.923 ng

RT: 28.928 min Scan# 4398

Delta R.T. -0.012 min

Lab File: BG064073.D

Acq: 10 Mar 2025 9:23

Tgt Ion:276 Resp: 570328

Ion Ratio Lower Upper

276 100

277 24.9 19.5 29.3

138 18.3 15.4 23.0

