

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031125\
 Data File : BG064088.D
 Acq On : 11 Mar 2025 9:44
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 11 10:55:08 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	7.866	152	35748	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	157879	20.000	ng	0.00
39) Acenaphthene-d10	14.488	164	108450	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	231599	20.000	ng	0.00
76) Chrysene-d12	21.462	240	235698	20.000	ng	0.00
86) Perylene-d12	24.476	264	254547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	195131	85.232	ng	0.00
7) Phenol-d6	7.026	99	266279	85.497	ng	0.00
23) Nitrobenzene-d5	9.018	82	261773	91.628	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	109435	90.780	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	592708	82.956	ng	0.00
79) Terphenyl-d14	19.846	244	952336	81.699	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.383	88	37941	36.567	ng	98
3) Pyridine	3.771	79	90844	36.001	ng	91
4) n-Nitrosodimethylamine	3.683	42	73862	40.969	ng	# 99
6) Aniline	7.190	93	124073	40.598	ng	97
8) 2-Chlorophenol	7.431	128	106642	43.370	ng	98
9) Benzaldehyde	7.002	77	63412	35.008	ng	96
10) Phenol	7.055	94	133929	42.000	ng	96
11) bis(2-Chloroethyl)ether	7.290	93	100490	40.197	ng	98
12) 1,3-Dichlorobenzene	7.754	146	109762	40.650	ng	97
13) 1,4-Dichlorobenzene	7.901	146	111281	40.208	ng	95
14) 1,2-Dichlorobenzene	8.213	146	109093	40.878	ng	99
15) Benzyl Alcohol	8.095	79	107040	44.475	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.389	45	221982	39.490	ng	99
17) 2-Methylphenol	8.301	107	89885	42.472	ng	96
18) Hexachloroethane	8.941	117	42648	44.043	ng	97
19) n-Nitroso-di-n-propyla...	8.665	70	91737	41.970	ng	95
20) 3+4-Methylphenols	8.630	107	120740	41.441	ng	92
22) Acetophenone	8.677	105	174799	40.381	ng	# 99
24) Nitrobenzene	9.059	77	128880	43.651	ng	94
25) Isophorone	9.582	82	228795	40.011	ng	# 94
26) 2-Nitrophenol	9.764	139	49705	48.562	ng	99
27) 2,4-Dimethylphenol	9.823	122	73314	42.768	ng	98
28) bis(2-Chloroethoxy)met...	10.063	93	140203	40.441	ng	98
29) 2,4-Dichlorophenol	10.298	162	98502	45.506	ng	98
30) 1,2,4-Trichlorobenzene	10.516	180	106429	40.730	ng	97
31) Naphthalene	10.704	128	349766	41.085	ng	98
32) Benzoic acid	9.969	122	69418	44.805	ng	# 88
33) 4-Chloroaniline	10.804	127	129722	41.691	ng	98
34) Hexachlorobutadiene	10.992	225	70927	41.411	ng	95
35) Caprolactam	11.573	113	34362	41.425	ng	96
36) 4-Chloro-3-methylphenol	11.926	107	121491	42.818	ng	98
37) 2-Methylnaphthalene	12.308	142	249215	41.466	ng	99
38) 1-Methylnaphthalene	12.525	142	243654	41.381	ng	95
40) 1,2,4,5-Tetrachloroben...	12.678	216	127243	41.097	ng	98
41) Hexachlorocyclopentadiene	12.660	237	48950	56.172	ng	92
43) 2,4,6-Trichlorophenol	12.913	196	81649	44.744	ng	96

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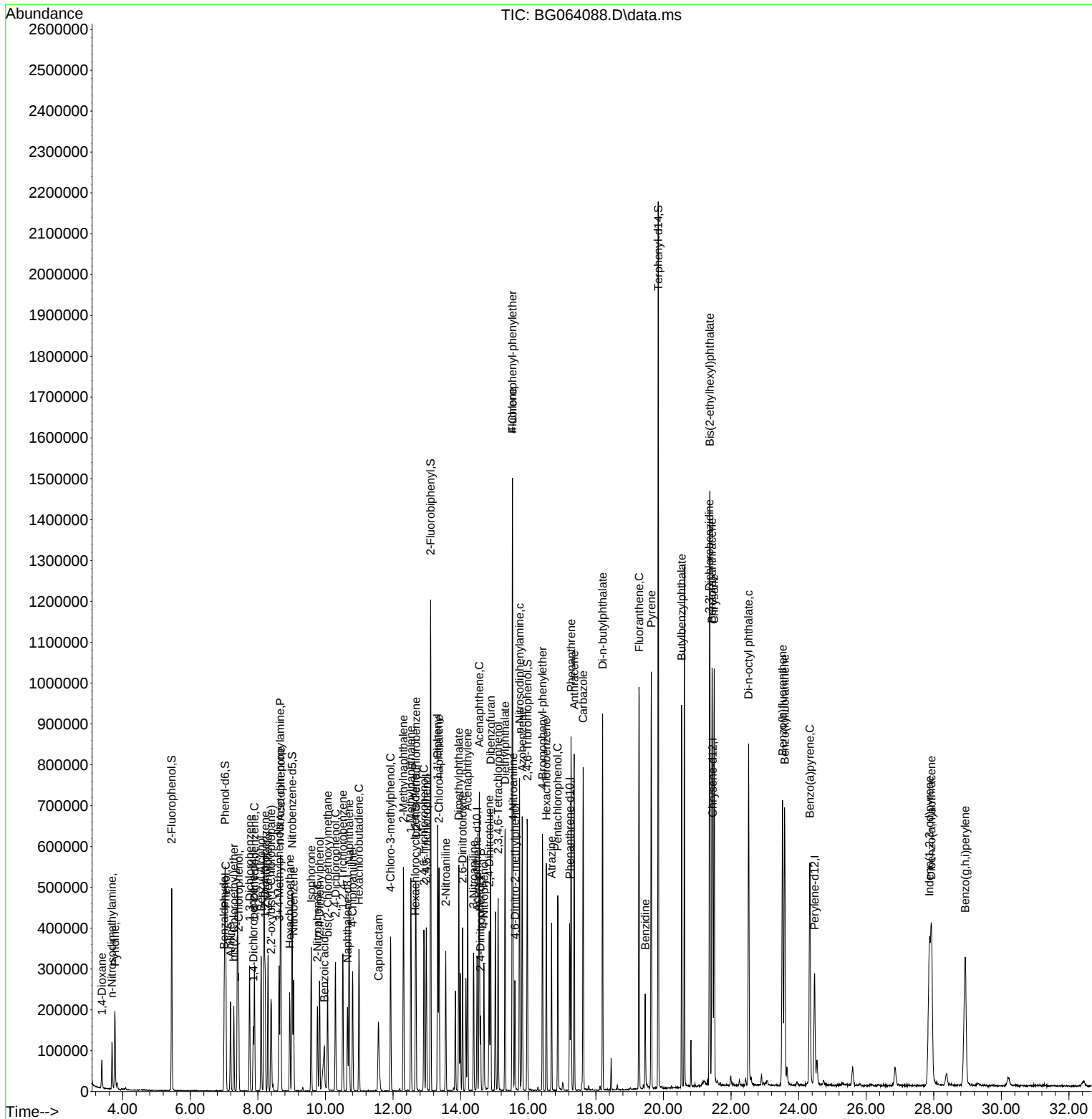
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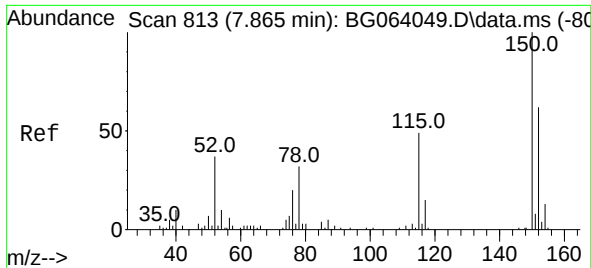
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.984	196	92347	45.545	ng	96
46) 1,1'-Biphenyl	13.318	154	340892	41.605	ng	98
47) 2-Chloronaphthalene	13.360	162	242387	40.562	ng	97
48) 2-Nitroaniline	13.559	65	84939	43.674	ng	97
49) Acenaphthylene	14.206	152	388400	41.092	ng	99
50) Dimethylphthalate	13.947	163	319000	39.848	ng	99
51) 2,6-Dinitrotoluene	14.059	165	69706	43.275	ng	96
52) Acenaphthene	14.552	154	256603	40.452	ng	99
53) 3-Nitroaniline	14.382	138	68013	43.958	ng	98
54) 2,4-Dinitrophenol	14.588	184	30294	48.212	ng #	79
55) Dibenzofuran	14.887	168	415633	40.446	ng	99
56) 4-Nitrophenol	14.693	139	58538	45.112	ng	91
57) 2,4-Dinitrotoluene	14.846	165	93339	42.134	ng #	100
58) Fluorene	15.534	166	319594	39.931	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	84485	42.741	ng #	92
60) Diethylphthalate	15.316	149	344373	39.625	ng	99
61) 4-Chlorophenyl-phenyle...	15.534	204	157411	39.577	ng	92
62) 4-Nitroaniline	15.551	138	71458	42.778	ng	94
63) Azobenzene	15.821	77	359348	38.749	ng	98
65) 4,6-Dinitro-2-methylph...	15.610	198	50606	50.140	ng	95
66) n-Nitrosodiphenylamine	15.745	169	281422	42.928	ng	99
67) 4-Bromophenyl-phenylether	16.421	248	104902	44.225	ng	96
68) Hexachlorobenzene	16.538	284	111247	41.892	ng	94
69) Atrazine	16.691	200	67925	35.215	ng	97
70) Pentachlorophenol	16.873	266	75630	45.869	ng	96
71) Phenanthrene	17.267	178	516063	41.776	ng	99
72) Anthracene	17.361	178	512021	41.684	ng	98
73) Carbazole	17.625	167	471338	41.099	ng	99
74) Di-n-butylphthalate	18.201	149	594241	44.019	ng	100
75) Fluoranthene	19.282	202	600130	40.298	ng	96
77) Benzidine	19.464	184	142644	43.706	ng	99
78) Pyrene	19.640	202	626162	41.212	ng	98
80) Butylbenzylphthalate	20.539	149	257480	45.377	ng	98
81) Benzo(a)anthracene	21.438	228	625706	41.443	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	211593	43.303	ng	99
83) Chrysene	21.503	228	609019	40.444	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	392178	48.030	ng	97
85) Di-n-octyl phthalate	22.519	149	667371	47.385	ng	100
87) Indeno(1,2,3-cd)pyrene	27.872	276	713846	41.914	ng #	95
88) Benzo(b)fluoranthene	23.524	252	626576	40.718	ng	97
89) Benzo(k)fluoranthene	23.589	252	638186	41.340	ng	99
90) Benzo(a)pyrene	24.335	252	563063	41.085	ng	98
91) Dibenzo(a,h)anthracene	27.931	278	593693	42.048	ng	99
92) Benzo(g,h,i)perylene	28.930	276	597623	41.225	ng	97

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

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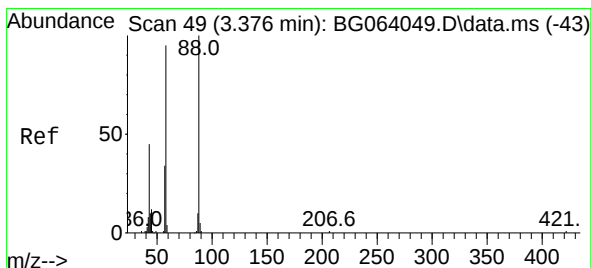
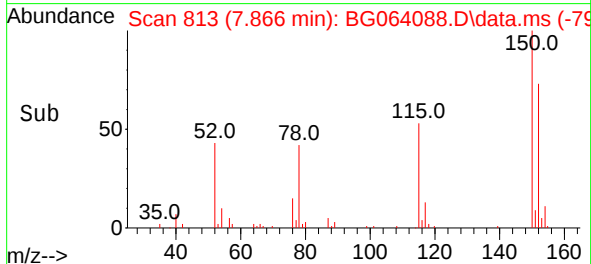
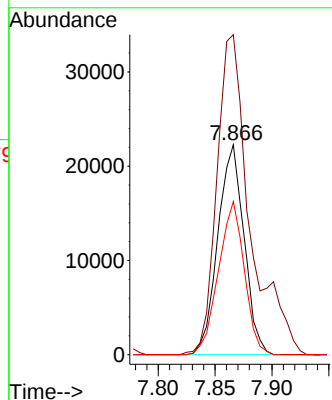
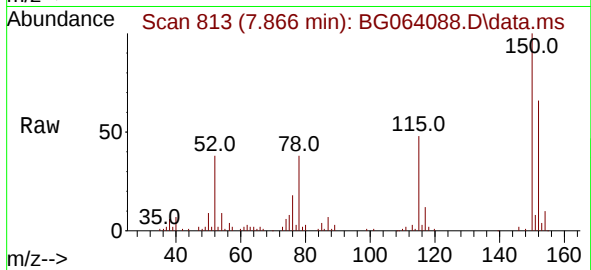




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.866 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

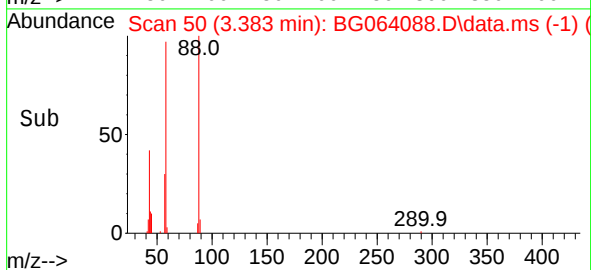
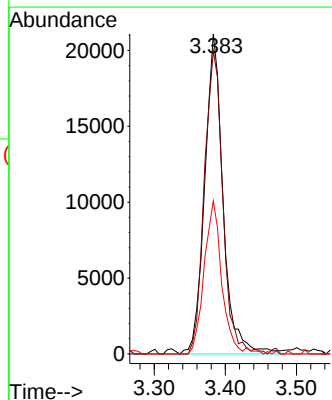
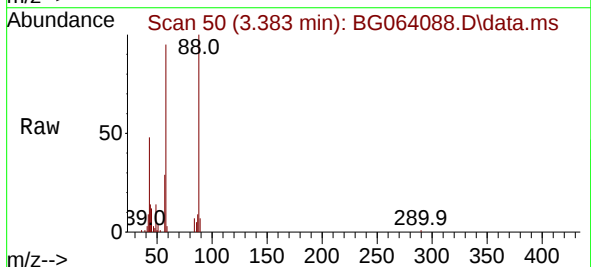
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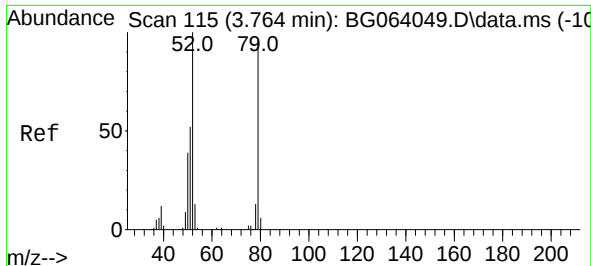
Tgt Ion:152 Resp: 35748
Ion Ratio Lower Upper
152 100
150 152.4 129.2 193.8
115 73.0 63.0 94.6



#2
1,4-Dioxane
Concen: 36.567 ng
RT: 3.383 min Scan# 50
Delta R.T. 0.007 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 88 Resp: 37941
Ion Ratio Lower Upper
88 100
58 95.0 74.6 111.8
43 45.1 35.5 53.3

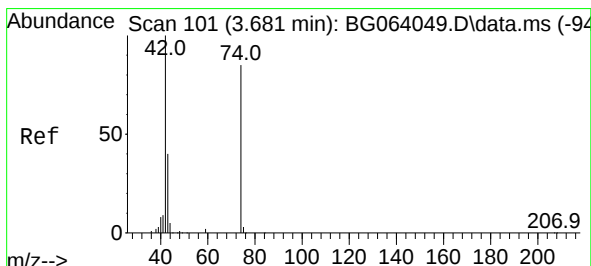
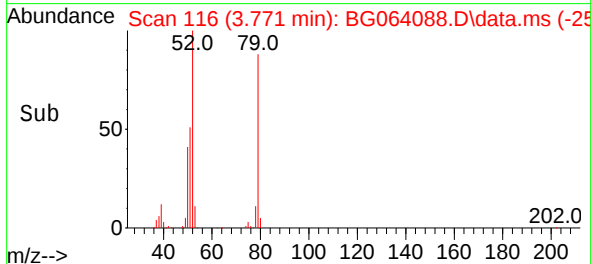
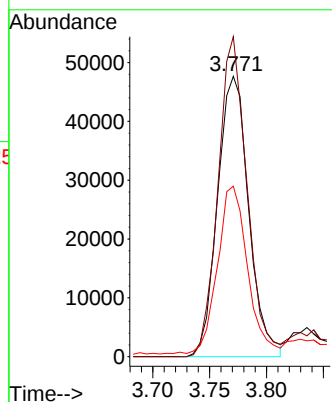
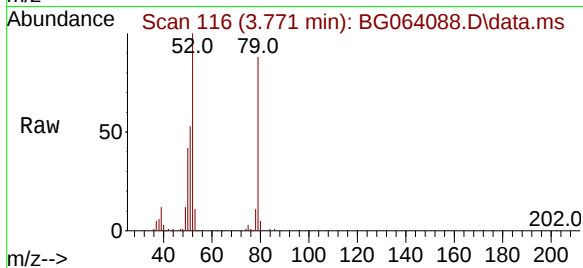




#3
Pyridine
Concen: 36.001 ng
RT: 3.771 min Scan# 115
Delta R.T. 0.007 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

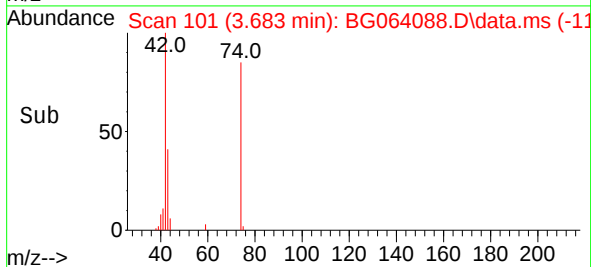
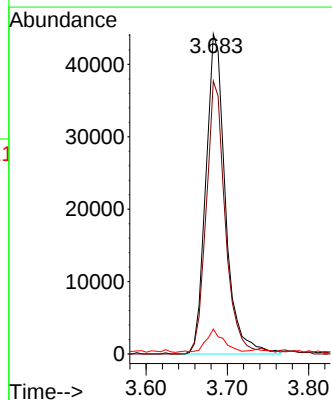
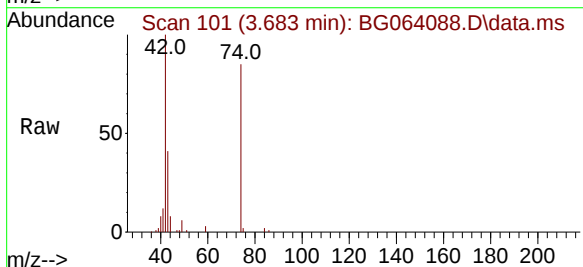
Instrument :
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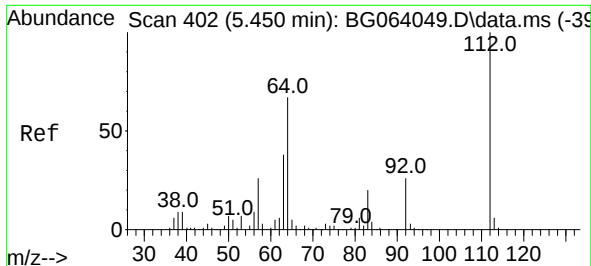
Tgt Ion: 79 Resp: 90844
Ion Ratio Lower Upper
79 100
52 114.1 83.0 124.6
51 60.9 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 40.969 ng
RT: 3.683 min Scan# 101
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 42 Resp: 73862
Ion Ratio Lower Upper
42 100
74 85.3 68.0 102.0
44 7.8 4.9 7.3#

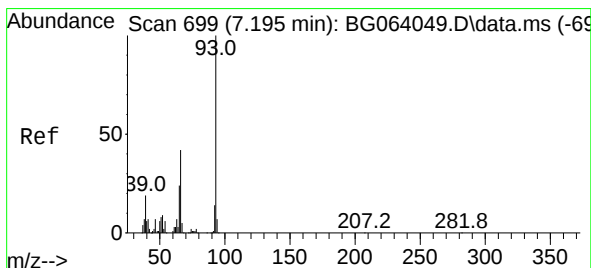
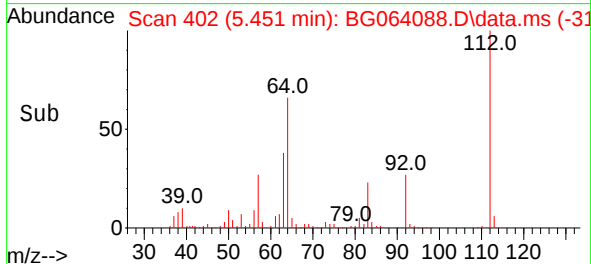
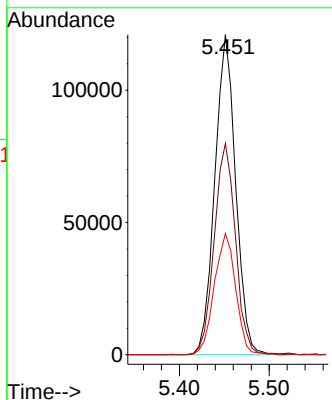
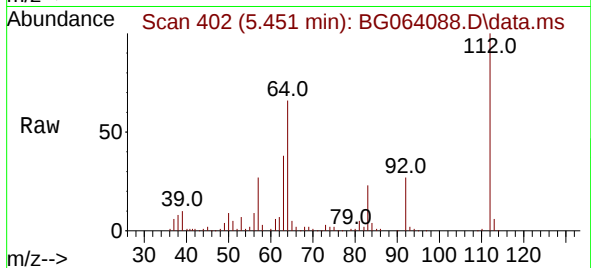




#5
2-Fluorophenol
Concen: 85.232 ng
RT: 5.451 min Scan# 402
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

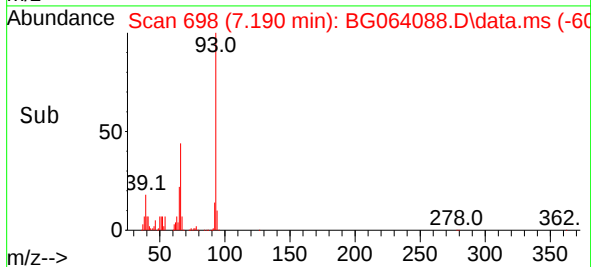
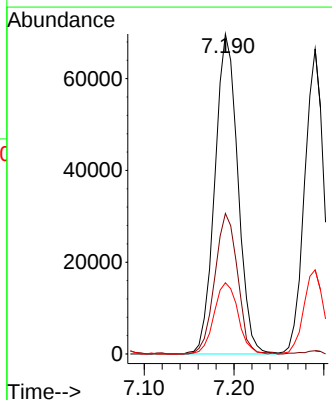
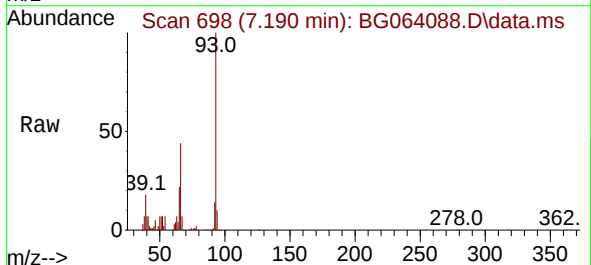
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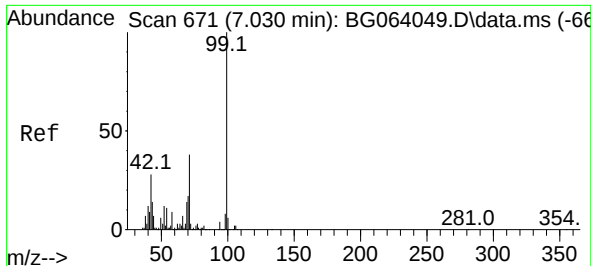
Tgt Ion:112 Resp: 195131
Ion Ratio Lower Upper
112 100
64 66.0 53.7 80.5
63 37.8 30.2 45.4



#6
Aniline
Concen: 40.598 ng
RT: 7.190 min Scan# 698
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 93 Resp: 124073
Ion Ratio Lower Upper
93 100
66 43.9 33.7 50.5
65 22.2 19.1 28.7

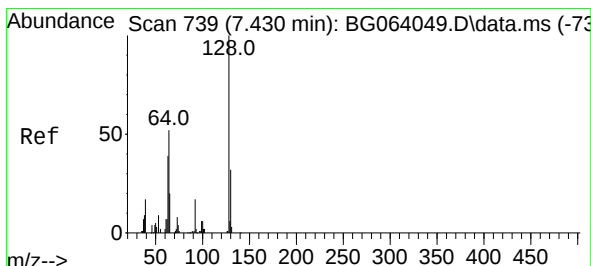
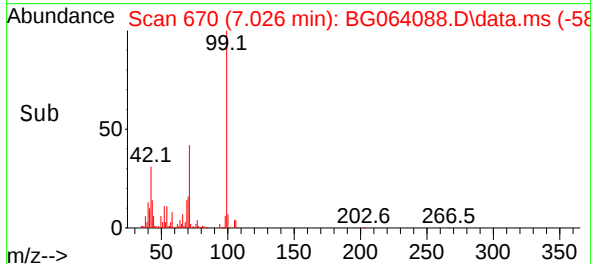
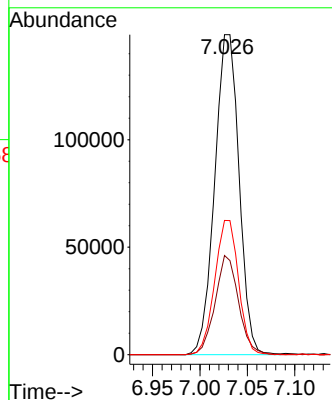
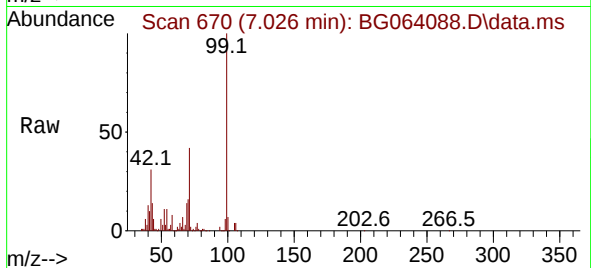




#7
Phenol-d6
Concen: 85.497 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

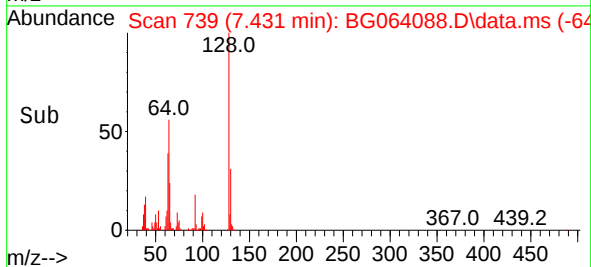
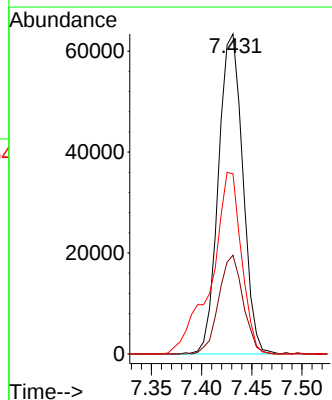
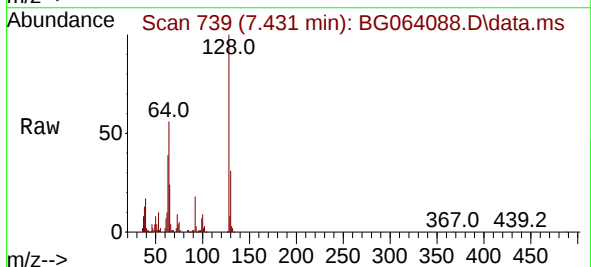
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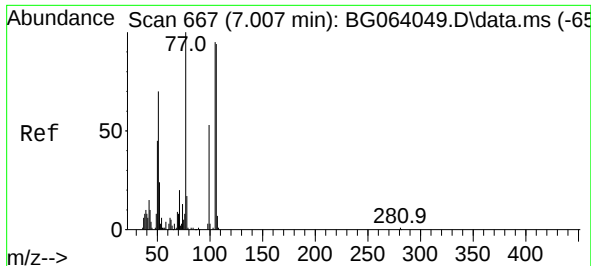
Tgt Ion: 99 Resp: 266279
Ion Ratio Lower Upper
99 100
42 31.0 22.7 34.1
71 41.9 30.6 46.0



#8
2-Chlorophenol
Concen: 43.370 ng
RT: 7.431 min Scan# 739
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 128 Resp: 106642
Ion Ratio Lower Upper
128 100
130 30.9 12.3 52.3
64 56.3 37.0 77.0

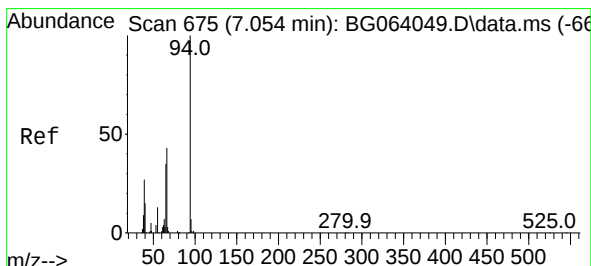
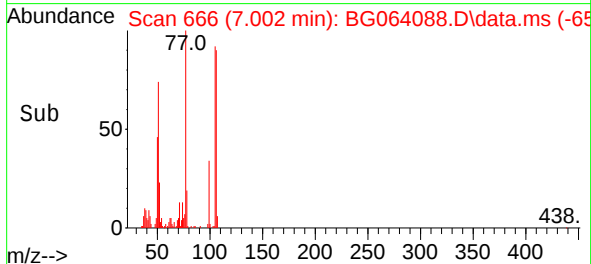
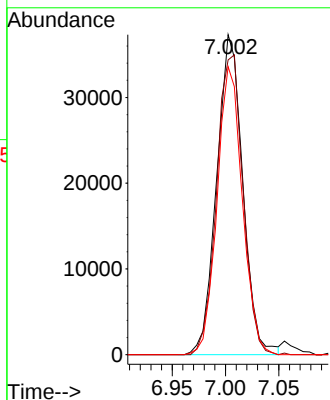
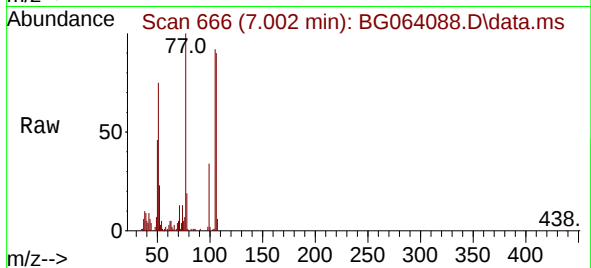




#9
Benzaldehyde
Concen: 35.008 ng
RT: 7.002 min Scan# 611
Delta R.T. -0.005 min
Lab File: BG064088.D
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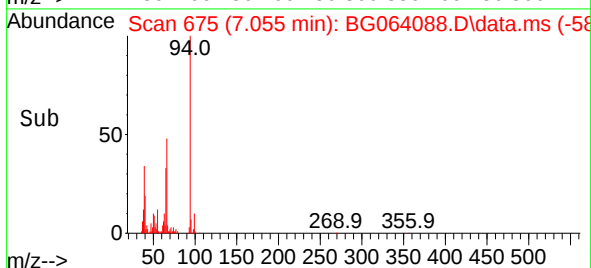
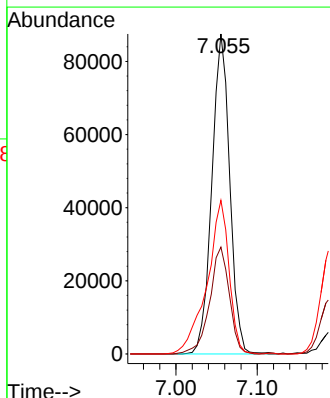
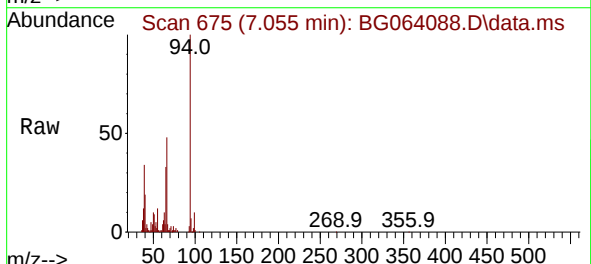
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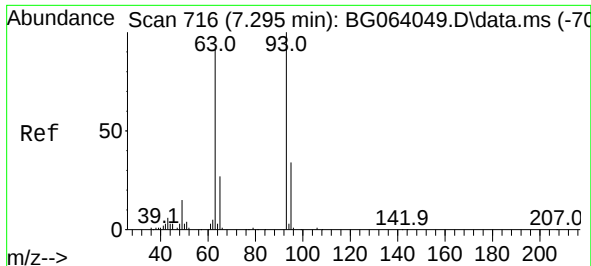
Tgt Ion: 77 Resp: 63412
Ion Ratio Lower Upper
77 100
105 92.1 75.5 115.5
106 90.0 74.2 114.2



#10
Phenol
Concen: 42.000 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
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Tgt Ion: 94 Resp: 133929
Ion Ratio Lower Upper
94 100
65 33.4 15.2 55.2
66 48.0 25.1 65.1

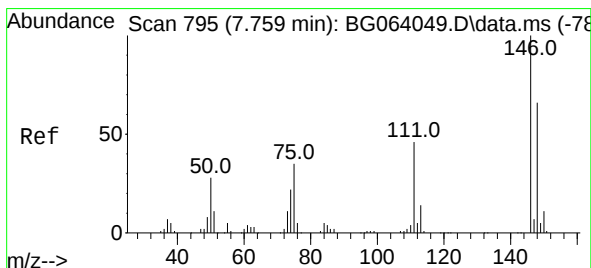
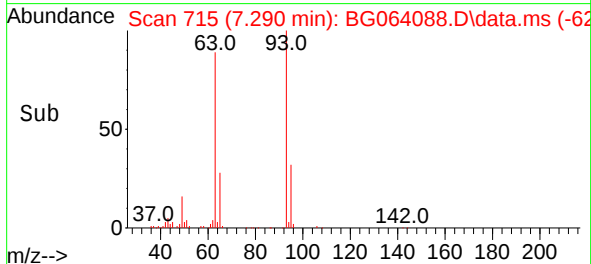
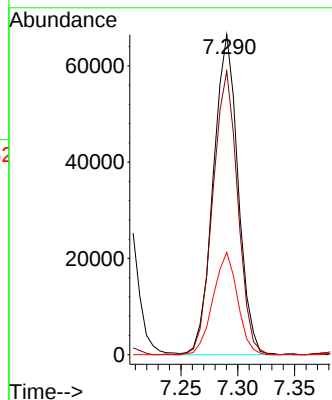
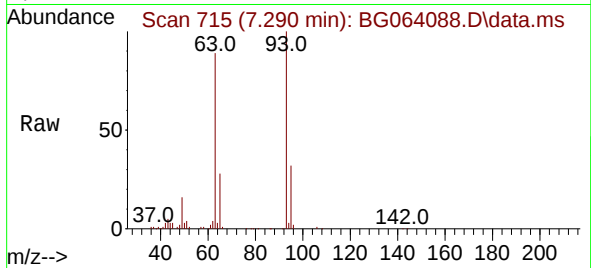




#11
bis(2-Chloroethyl)ether
Concen: 40.197 ng
RT: 7.290 min Scan# 716
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

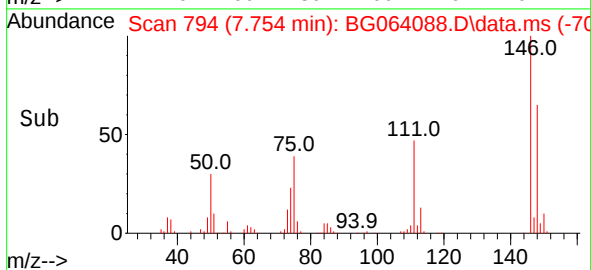
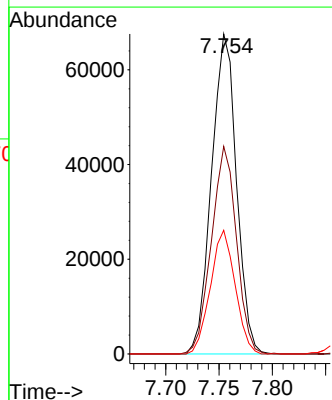
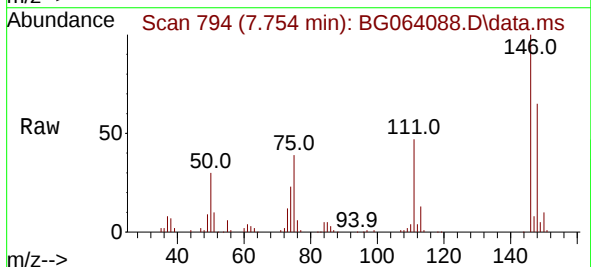
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

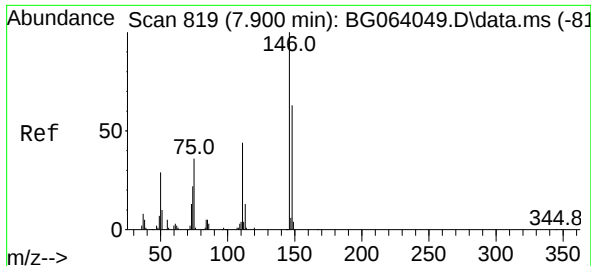
Tgt Ion: 93 Resp: 100490
Ion Ratio Lower Upper
93 100
63 88.6 70.0 110.0
95 31.9 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 40.650 ng
RT: 7.754 min Scan# 794
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:146 Resp: 109762
Ion Ratio Lower Upper
146 100
148 64.9 52.6 78.8
75 38.7 28.1 42.1

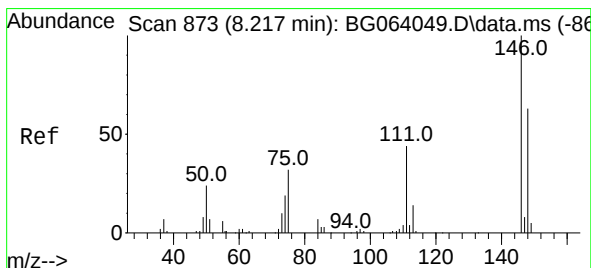
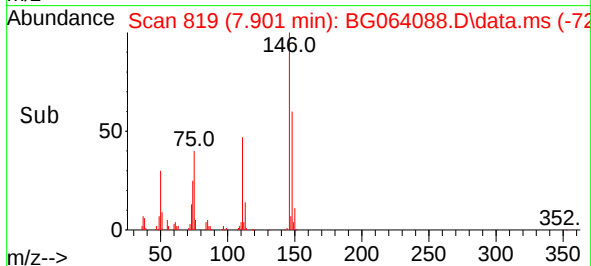
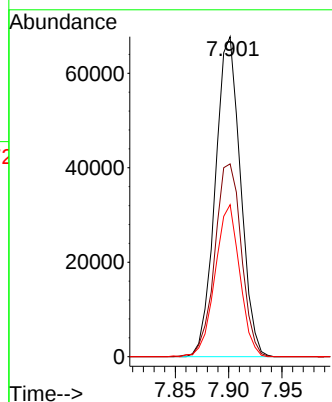
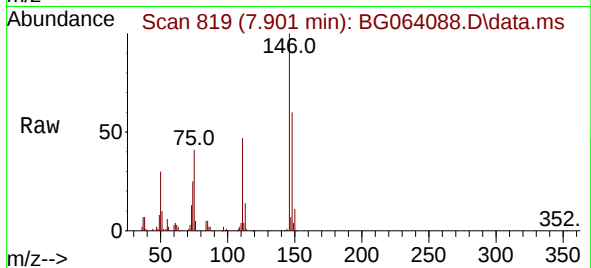




#13
1,4-Dichlorobenzene
Concen: 40.208 ng
RT: 7.901 min Scan# 819
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

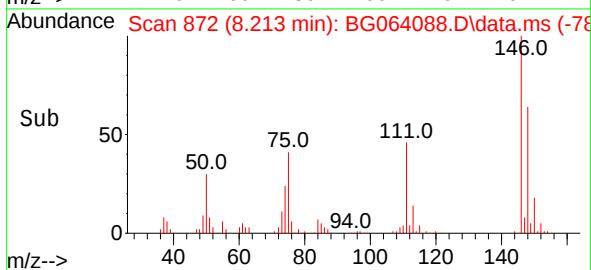
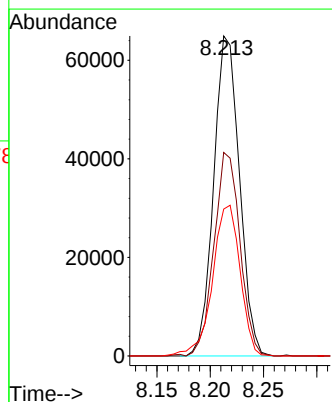
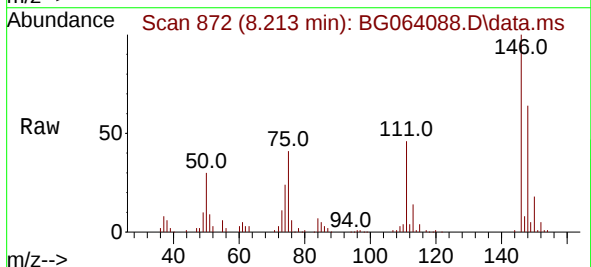
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

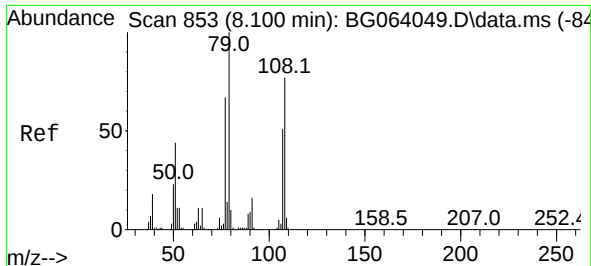
Tgt Ion:146 Resp: 111281
Ion Ratio Lower Upper
146 100
148 60.2 50.6 75.8
111 47.5 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 40.878 ng
RT: 8.213 min Scan# 872
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:146 Resp: 109093
Ion Ratio Lower Upper
146 100
148 63.6 50.2 75.2
111 45.9 36.4 54.6

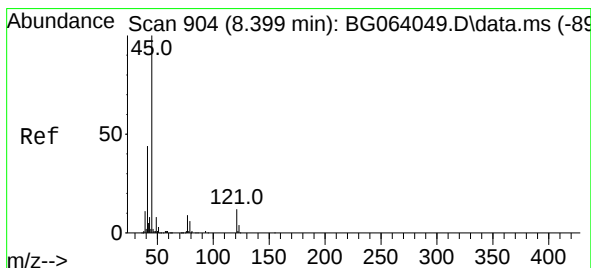
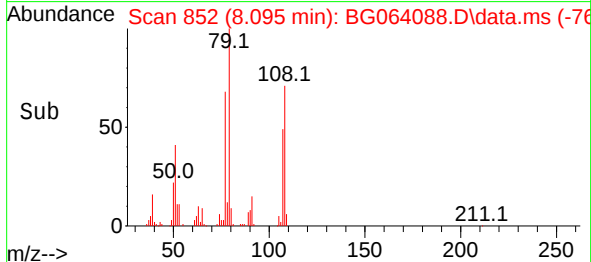
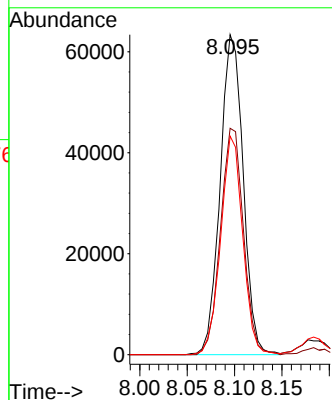
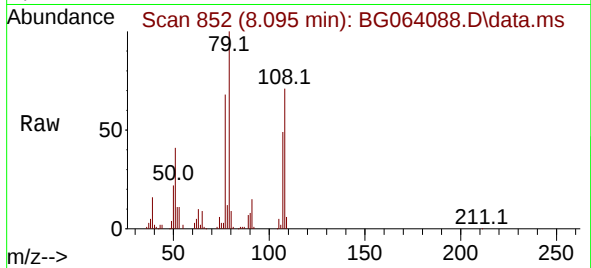




#15
Benzyl Alcohol
Concen: 44.475 ng
RT: 8.095 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

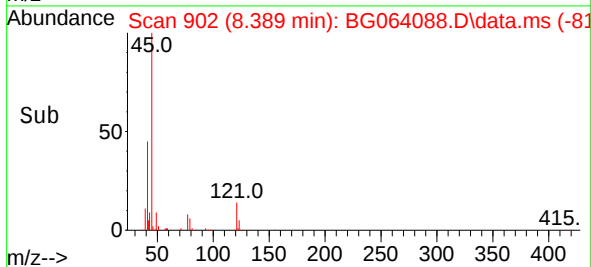
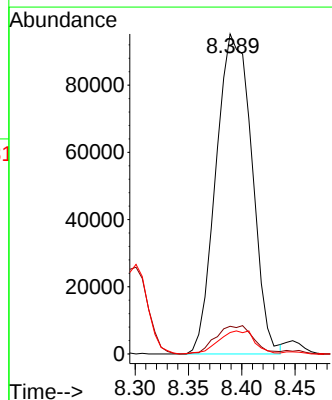
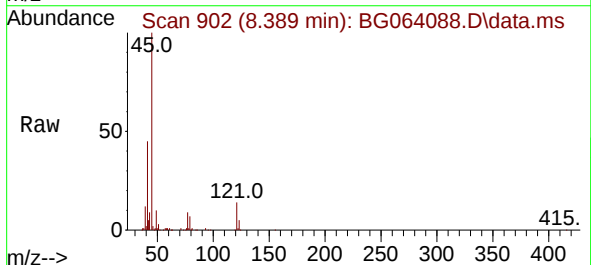
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

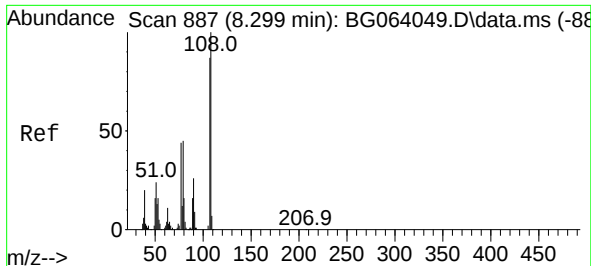
Tgt Ion: 79 Resp: 107040
Ion Ratio Lower Upper
79 100
108 70.7 61.7 92.5
77 68.3 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.490 ng
RT: 8.389 min Scan# 902
Delta R.T. -0.010 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 45 Resp: 221982
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 6.7 0.0 26.6

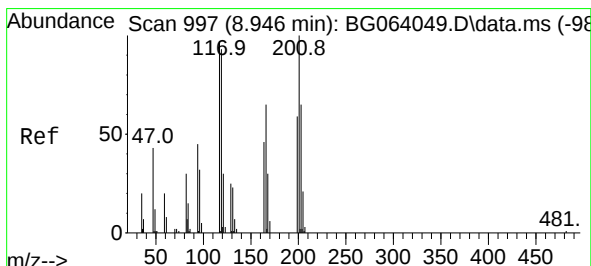
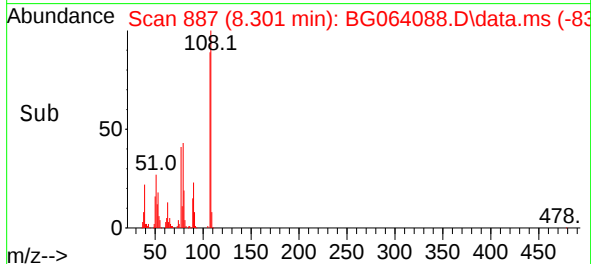
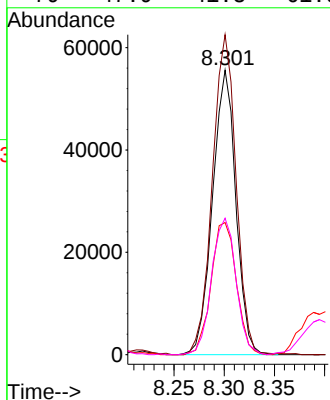
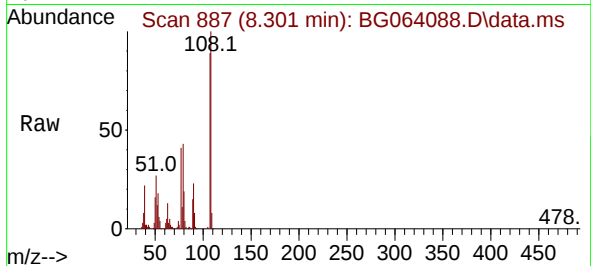




#17
2-Methylphenol
Concen: 42.472 ng
RT: 8.301 min Scan# 887
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

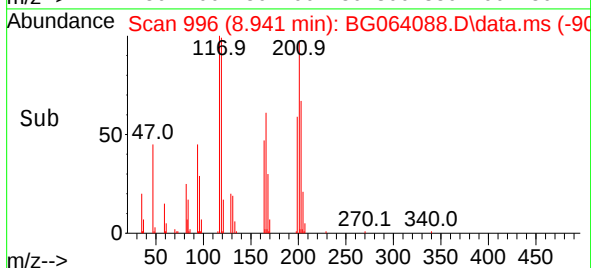
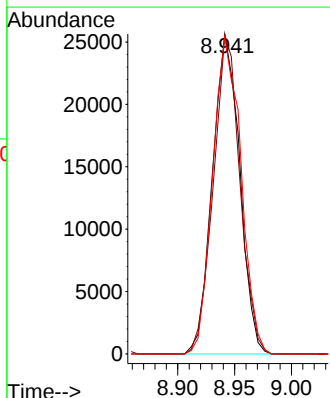
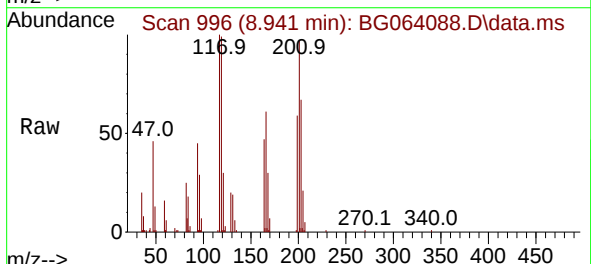
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

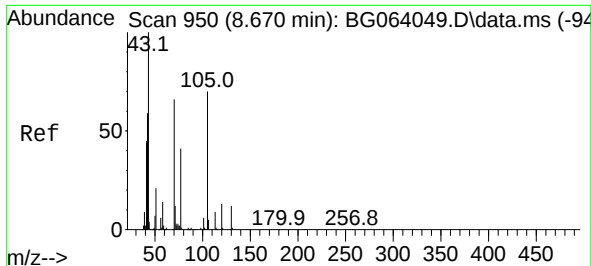
Tgt Ion:	107	Resp:	89885
Ion Ratio	Lower	Upper	
107	100		
108	112.5	92.5	138.7
77	46.4	40.5	60.7
79	47.9	41.3	61.9



#18
Hexachloroethane
Concen: 44.043 ng
RT: 8.941 min Scan# 996
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:	117	Resp:	42648
Ion Ratio	Lower	Upper	
117	100		
119	99.4	76.2	114.2
201	99.2	81.5	122.3

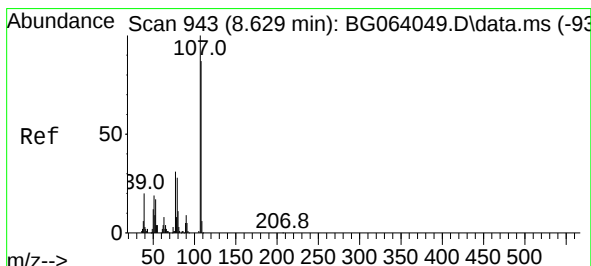
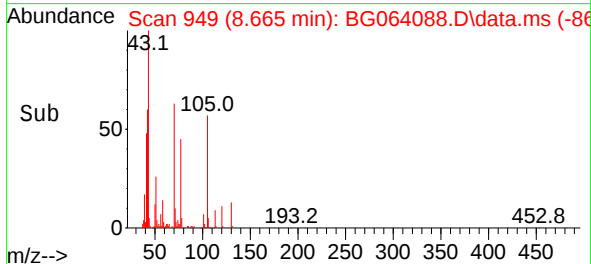
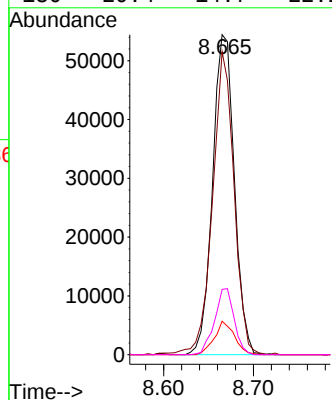
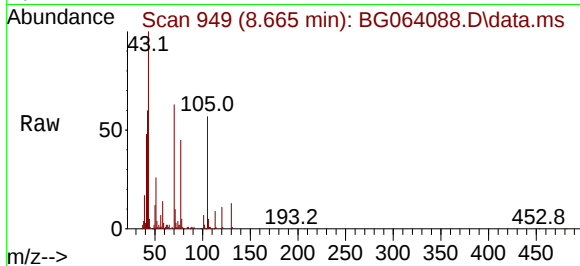




#19
n-Nitroso-di-n-propylamine
Concen: 41.970 ng
RT: 8.665 min Scan# 949
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

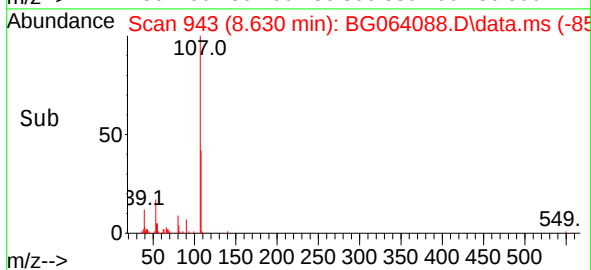
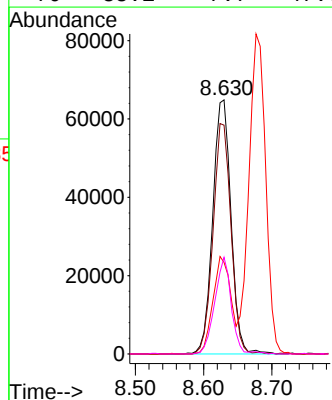
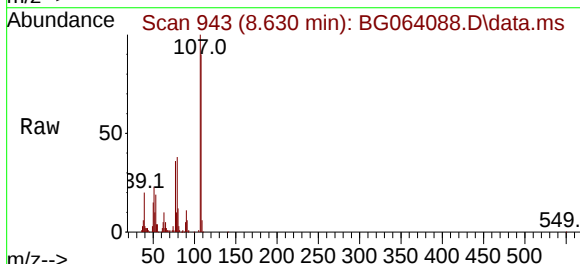
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

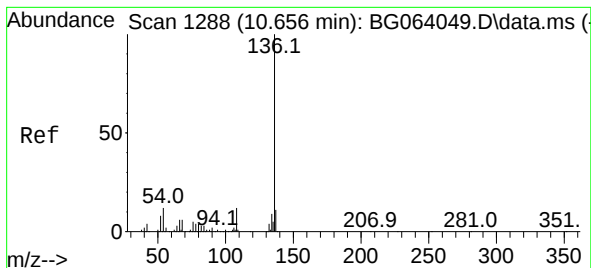
Tgt Ion: 70 Resp: 91737
Ion Ratio Lower Upper
70 100
42 94.7 72.1 108.1
101 10.5 7.2 10.8
130 20.4 14.7 22.1



#20
3+4-Methylphenols
Concen: 41.441 ng
RT: 8.630 min Scan# 943
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:107 Resp: 120740
Ion Ratio Lower Upper
107 100
108 90.1 67.0 107.0
77 36.0 11.2 51.2
79 38.1 7.7 47.7

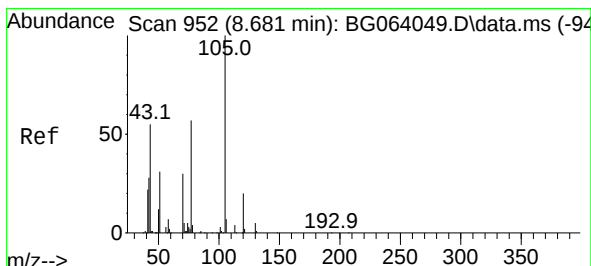
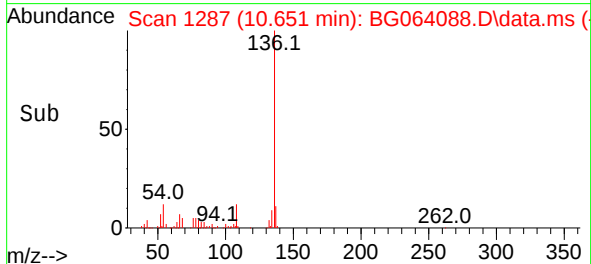
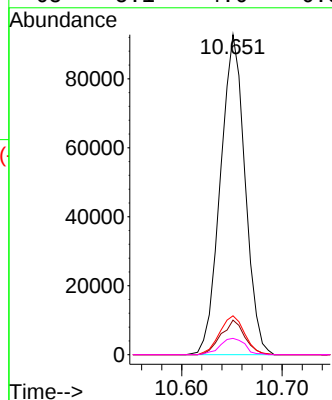
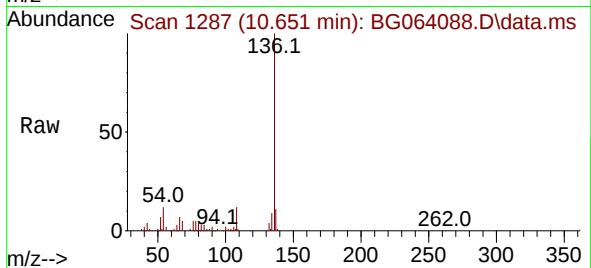




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

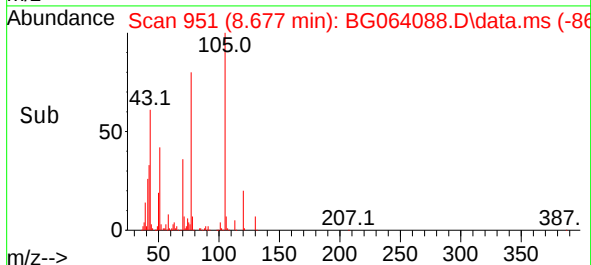
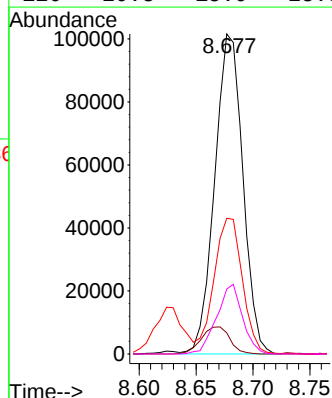
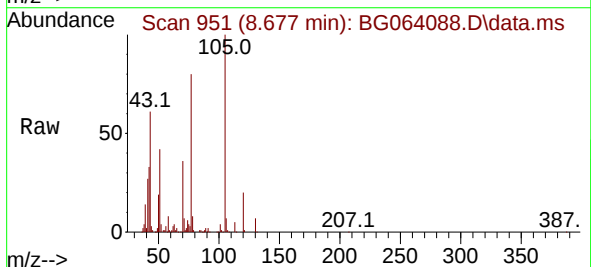
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

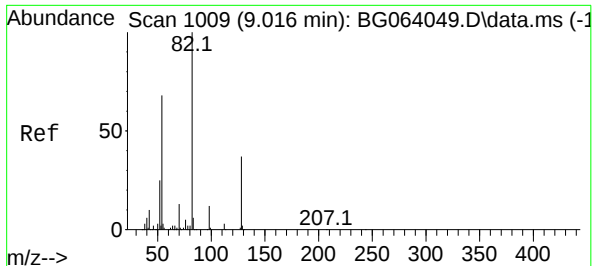
Tgt Ion:136 Resp: 157879
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 12.2 9.9 14.9
68 5.1 4.6 6.8



#22
Acetophenone
Concen: 40.381 ng
RT: 8.677 min Scan# 951
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:105 Resp: 174799
Ion Ratio Lower Upper
105 100
71 6.6 4.2 6.4#
51 42.4 33.3 49.9
120 20.3 15.9 23.9





#23

Nitrobenzene-d5

Concen: 91.628 ng

RT: 9.018 min Scan# 1009

Delta R.T. 0.001 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

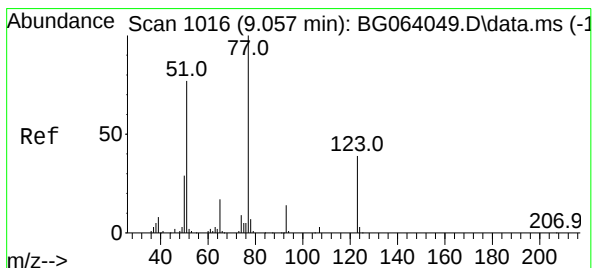
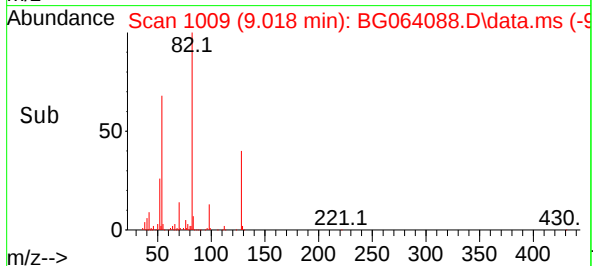
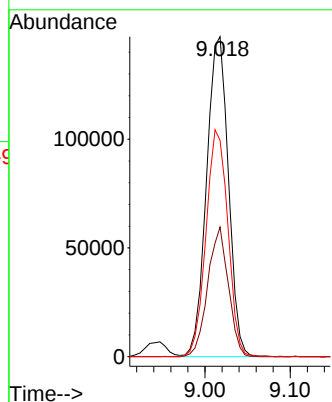
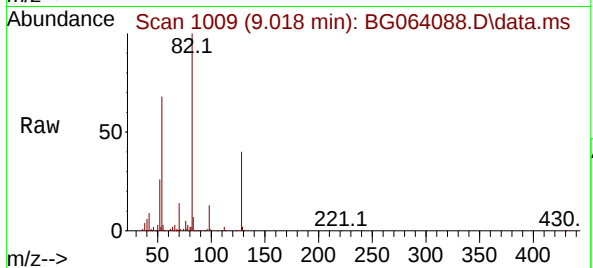
Tgt Ion: 82 Resp: 261773

Ion Ratio Lower Upper

82 100

128 40.5 30.0 45.0

54 67.6 54.7 82.1



#24

Nitrobenzene

Concen: 43.651 ng

RT: 9.059 min Scan# 1016

Delta R.T. 0.001 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

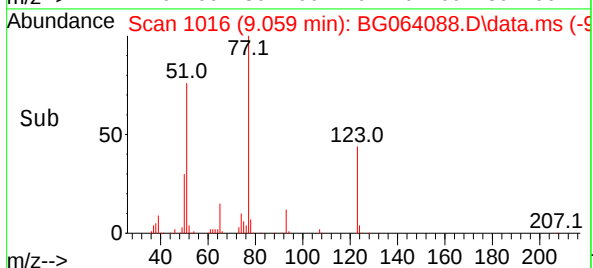
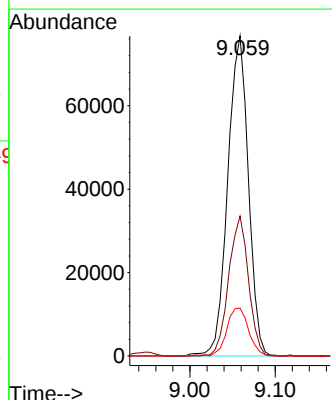
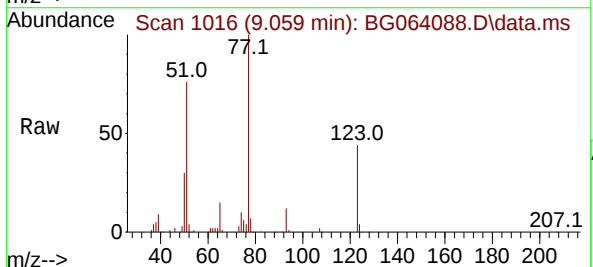
Tgt Ion: 77 Resp: 128880

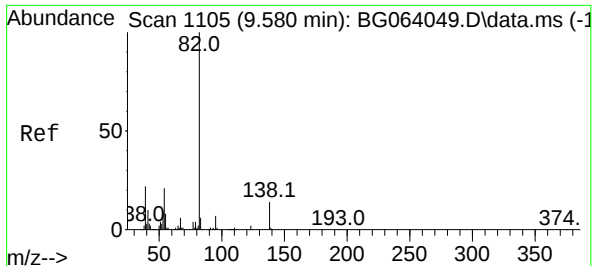
Ion Ratio Lower Upper

77 100

123 43.7 31.4 47.2

65 15.0 13.4 20.0





#25

Isophorone

Concen: 40.011 ng

RT: 9.582 min Scan# 1105

Delta R.T. 0.001 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

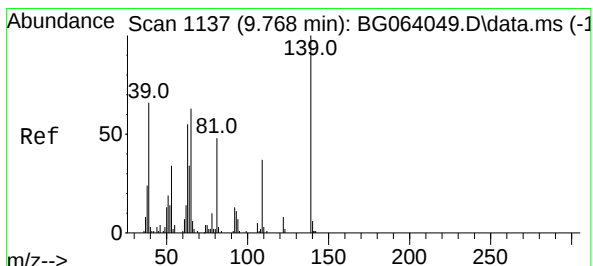
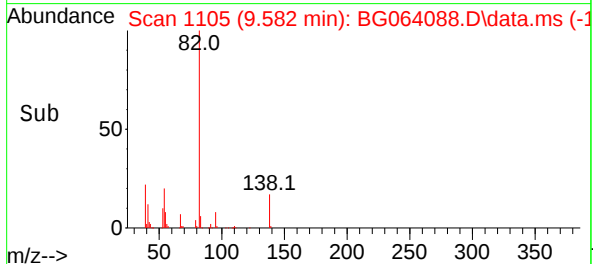
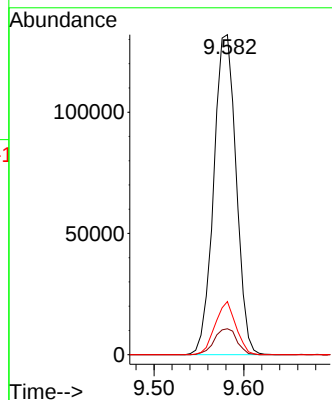
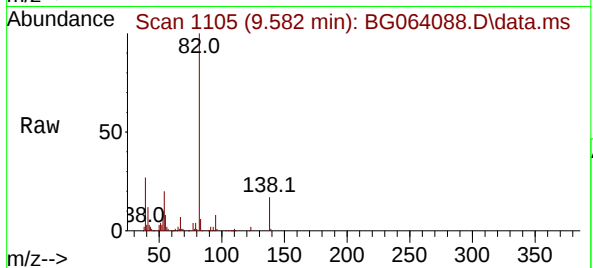
Tgt Ion: 82 Resp: 228795

Ion Ratio Lower Upper

82 100

95 8.1 5.8 8.8

138 16.6 10.9 16.3#



#26

2-Nitrophenol

Concen: 48.562 ng

RT: 9.764 min Scan# 1136

Delta R.T. -0.004 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

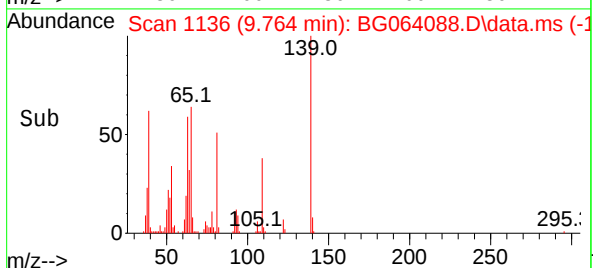
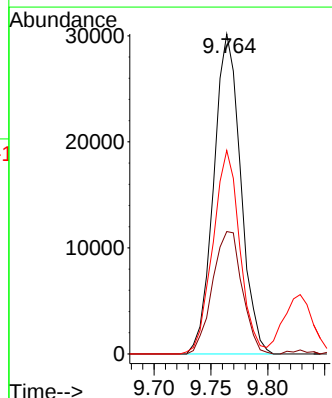
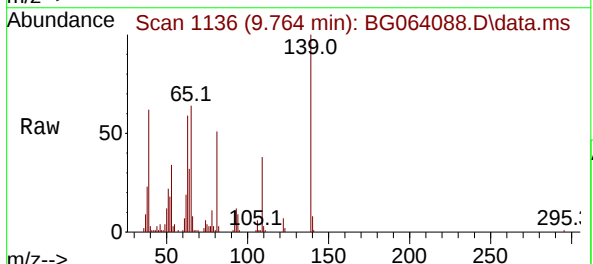
Tgt Ion:139 Resp: 49705

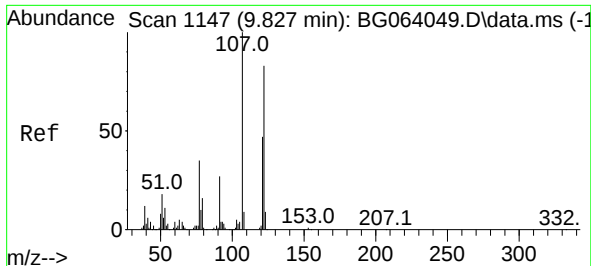
Ion Ratio Lower Upper

139 100

109 38.3 29.9 44.9

65 63.6 50.6 76.0

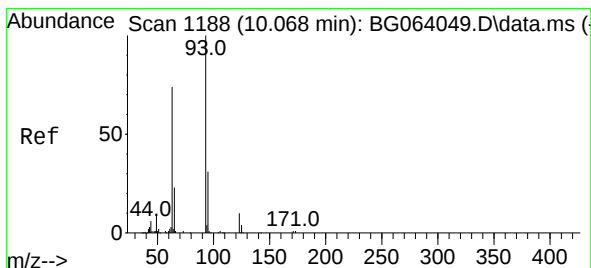
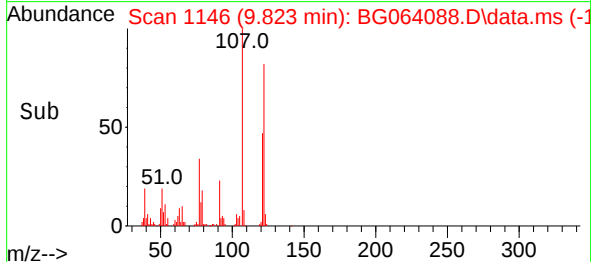
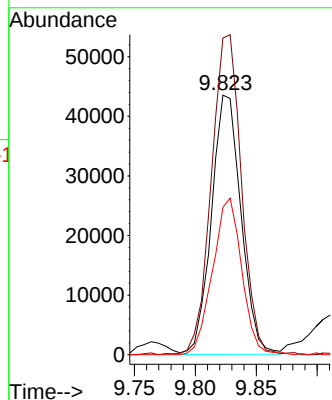
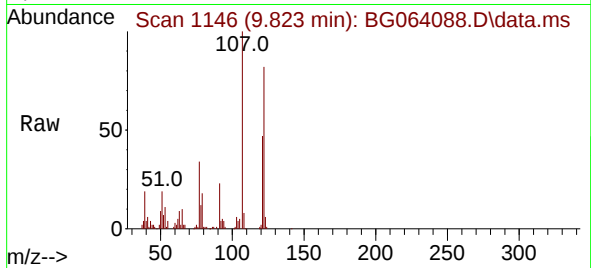




#27
2,4-Dimethylphenol
Concen: 42.768 ng
RT: 9.823 min Scan# 1147
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

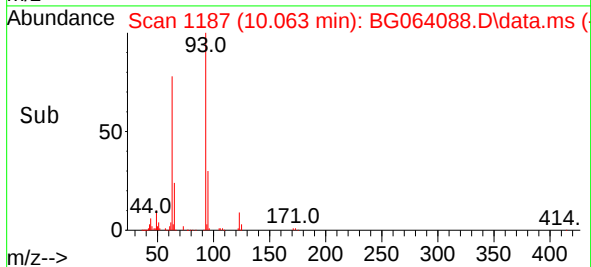
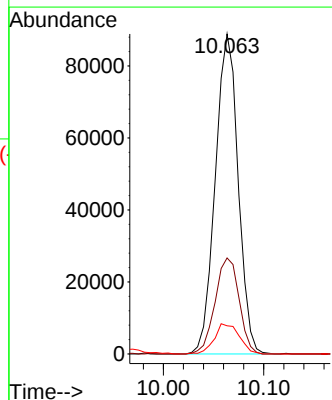
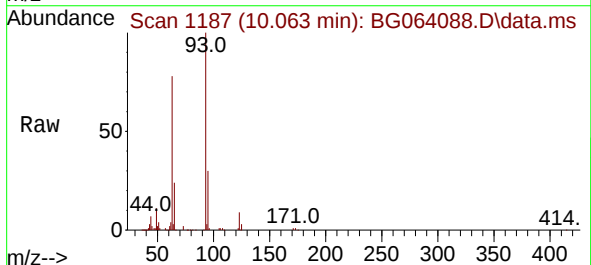
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

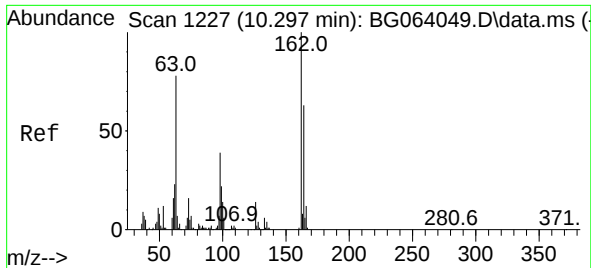
Tgt Ion:122 Resp: 73314
Ion Ratio Lower Upper
122 100
107 122.0 95.4 143.0
121 56.8 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.441 ng
RT: 10.063 min Scan# 1187
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 93 Resp: 140203
Ion Ratio Lower Upper
93 100
95 30.0 25.0 37.4
123 8.8 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 45.506 ng

RT: 10.298 min Scan# 1227

Delta R.T. 0.001 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

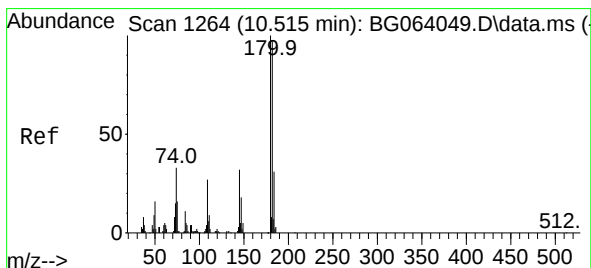
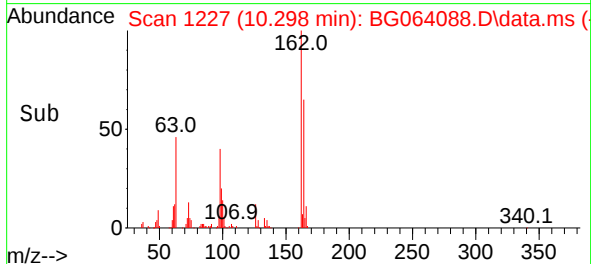
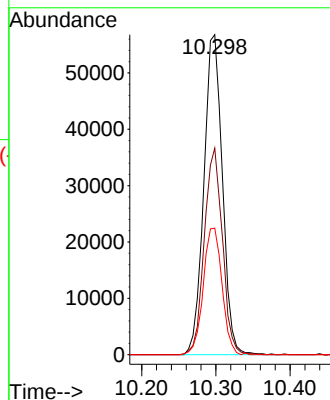
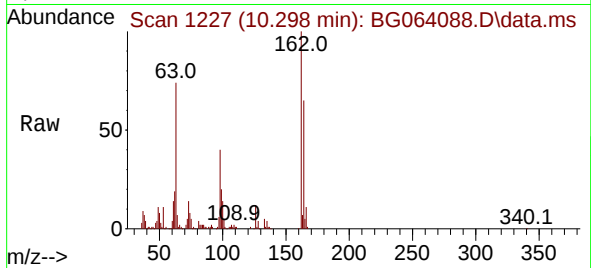
Tgt Ion:162 Resp: 98502

Ion Ratio Lower Upper

162 100

164 64.6 42.8 82.8

98 39.5 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 40.730 ng

RT: 10.516 min Scan# 1264

Delta R.T. 0.001 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

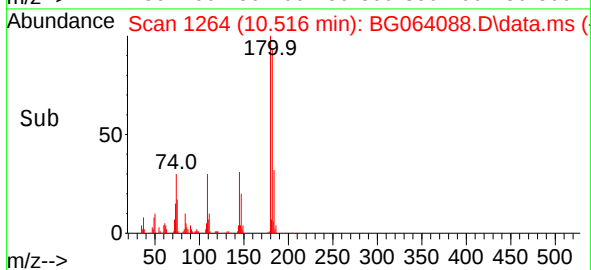
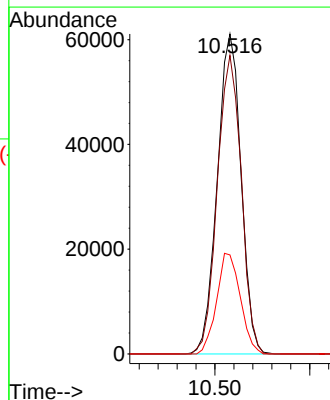
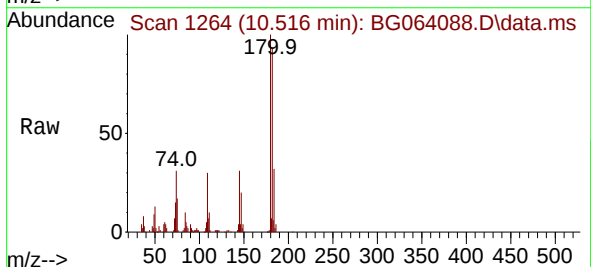
Tgt Ion:180 Resp: 106429

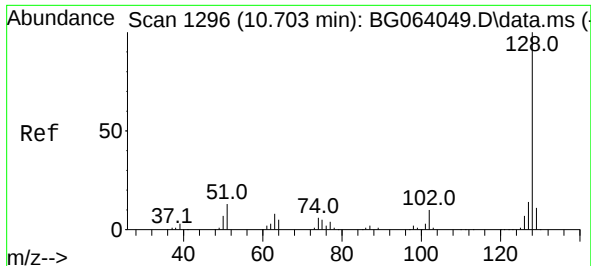
Ion Ratio Lower Upper

180 100

182 93.3 77.3 115.9

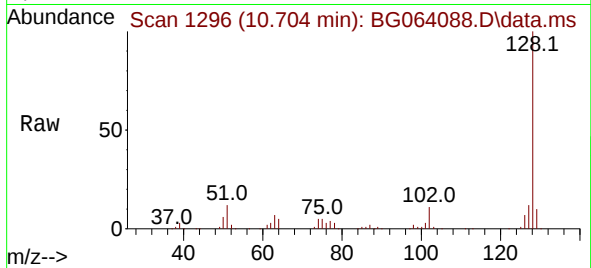
145 31.0 25.2 37.8



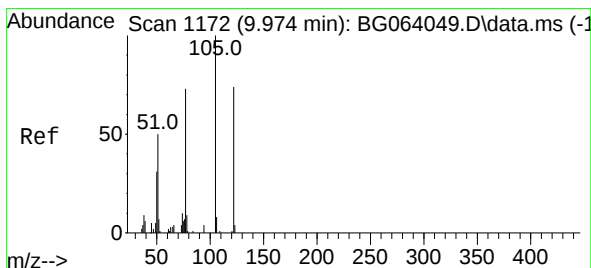
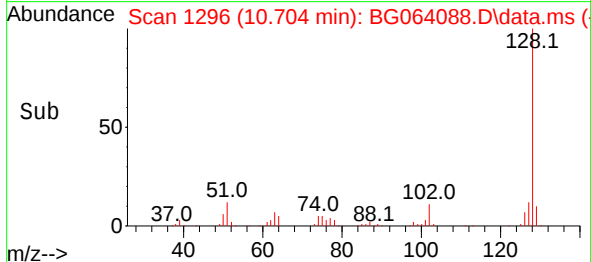
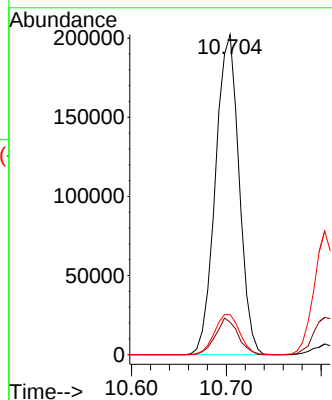


#31
Naphthalene
Concen: 41.085 ng
RT: 10.704 min Scan# 1171
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

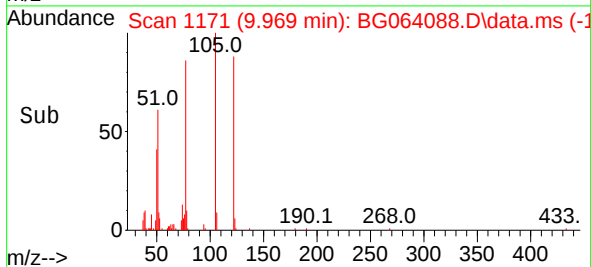
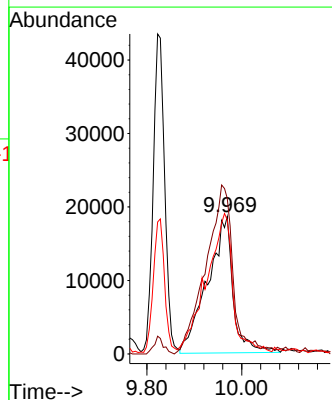
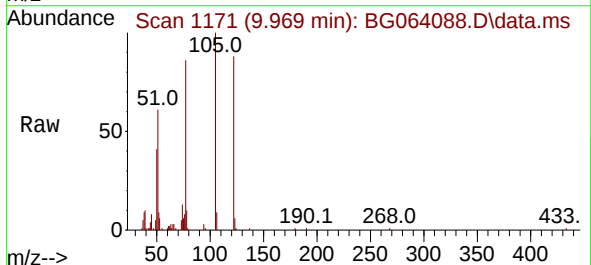


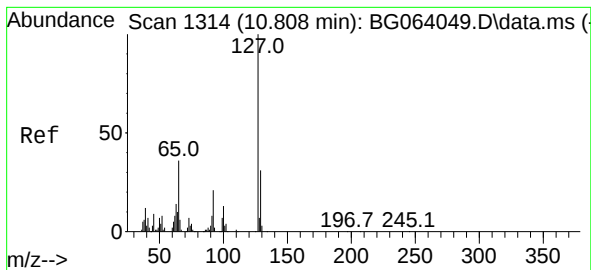
Tgt Ion:128 Resp: 349766
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 12.5 11.1 16.7



#32
Benzoic acid
Concen: 44.805 ng
RT: 9.969 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:122 Resp: 69418
Ion Ratio Lower Upper
122 100
105 113.2 115.0 155.0#
77 97.6 80.9 120.9

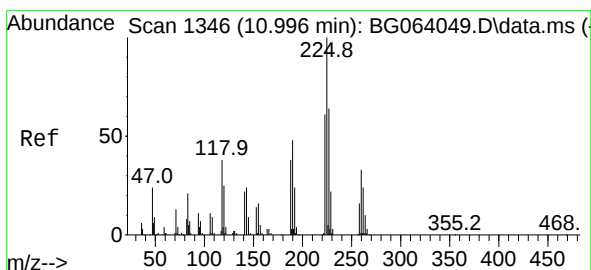
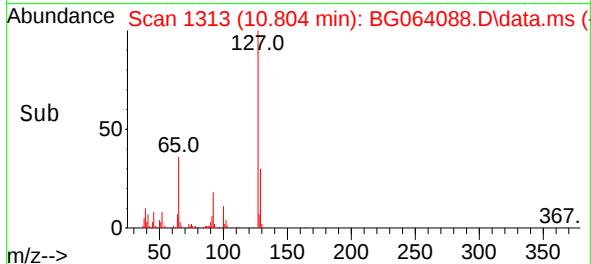
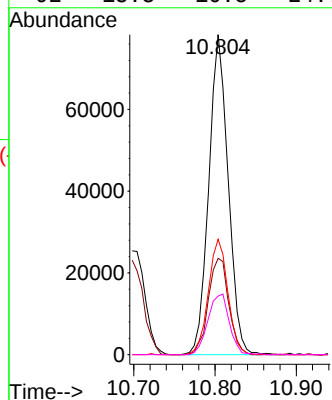
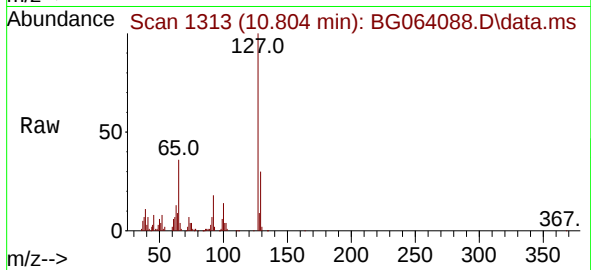




#33
4-Chloroaniline
Concen: 41.691 ng
RT: 10.804 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

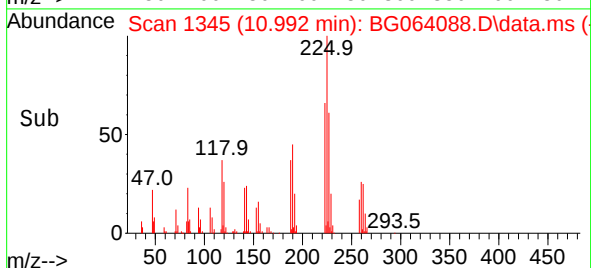
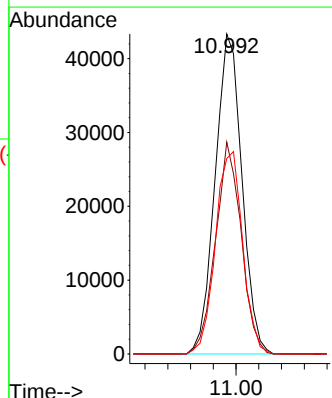
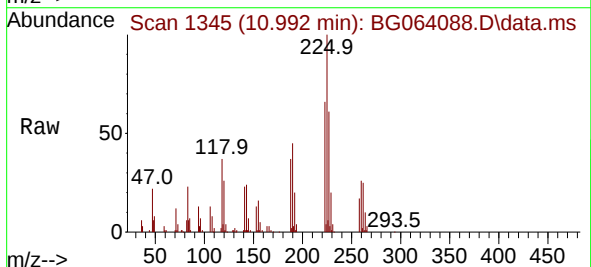
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

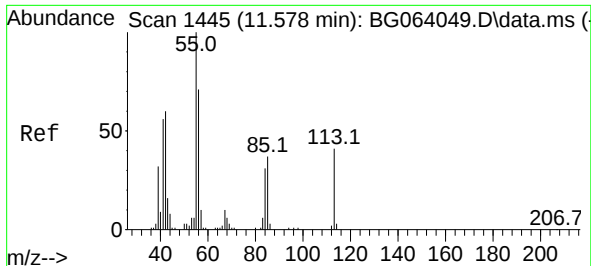
Tgt Ion:	127	Resp:	129722
Ion Ratio	Lower	Upper	
127	100		
129	30.1	25.0	37.4
65	36.0	28.5	42.7
92	18.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 41.411 ng
RT: 10.992 min Scan# 1345
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:	225	Resp:	70927
Ion Ratio	Lower	Upper	
225	100		
223	66.2	48.5	72.7
227	61.1	51.0	76.6





#35

Caprolactam

Concen: 41.425 ng

RT: 11.573 min Scan# 1444

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

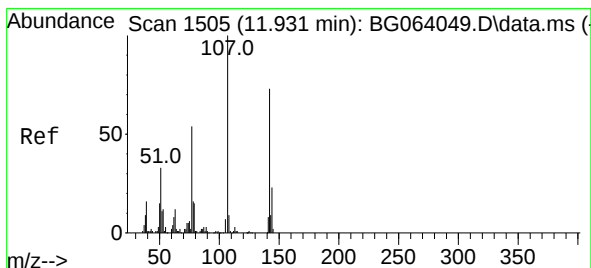
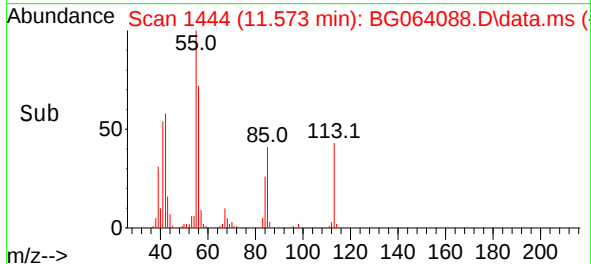
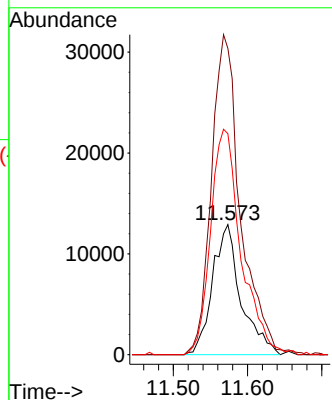
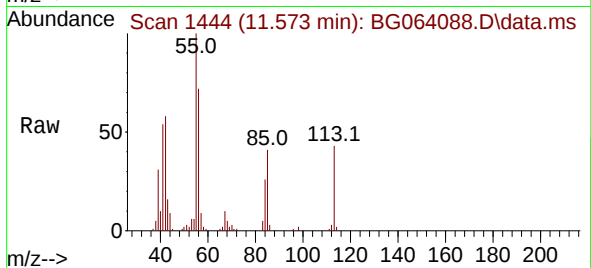
Tgt Ion:113 Resp: 34362

Ion Ratio Lower Upper

113 100

55 235.2 225.2 265.2

56 169.7 153.4 193.4



#36

4-Chloro-3-methylphenol

Concen: 42.818 ng

RT: 11.926 min Scan# 1504

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

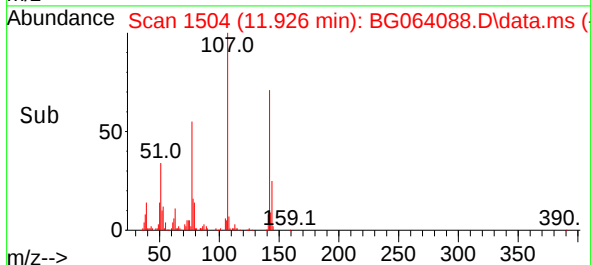
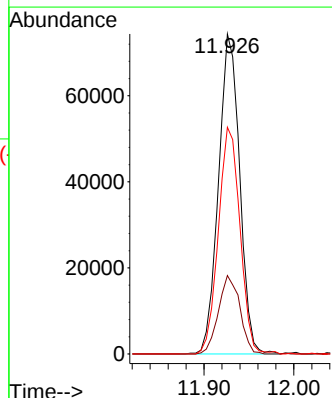
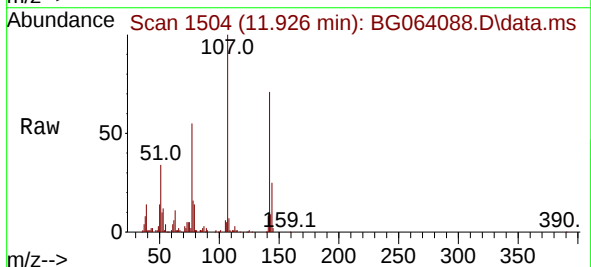
Tgt Ion:107 Resp: 121491

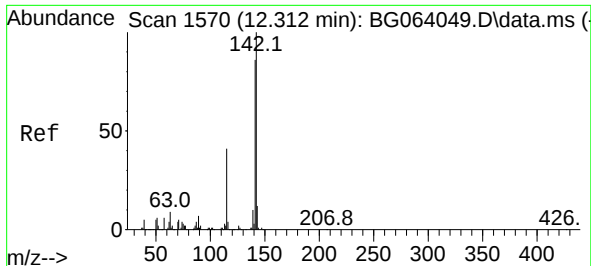
Ion Ratio Lower Upper

107 100

144 24.5 18.6 28.0

142 70.9 58.0 87.0

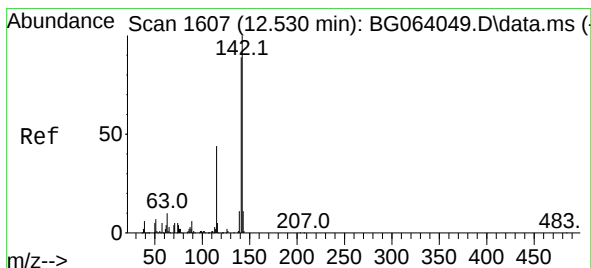
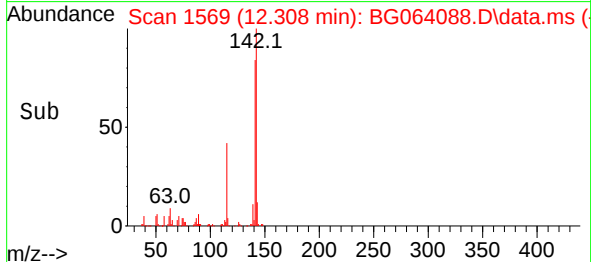
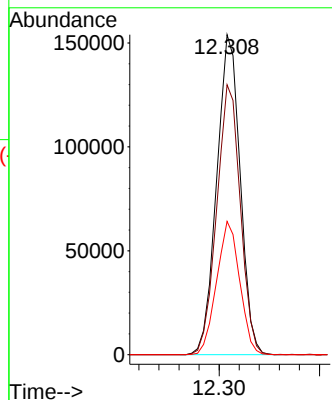
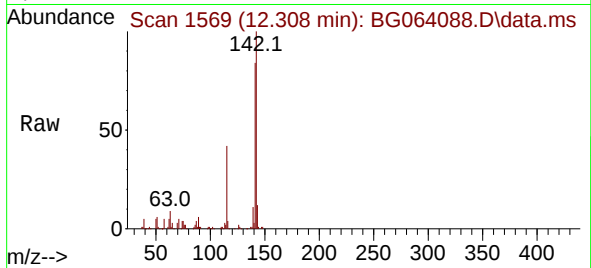




#37
2-Methylnaphthalene
Concen: 41.466 ng
RT: 12.308 min Scan# 1569
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

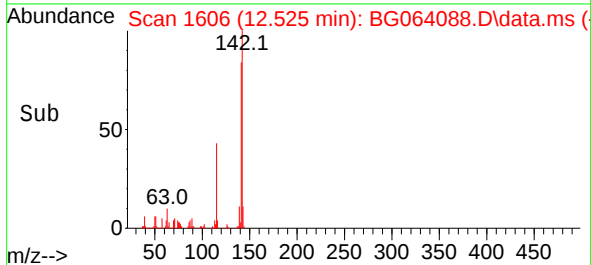
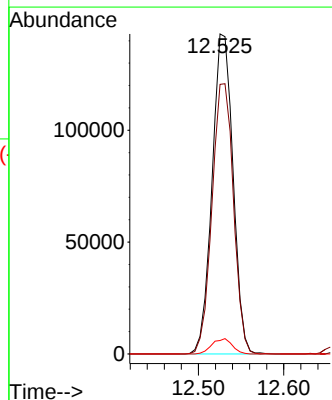
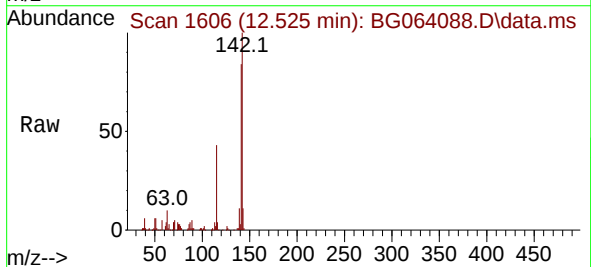
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

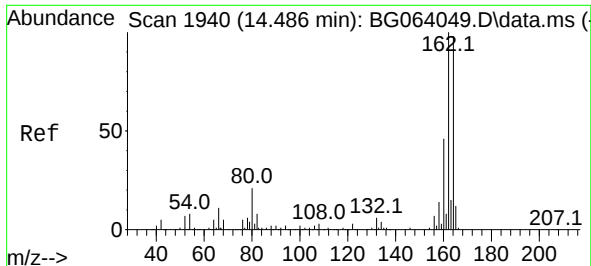
Tgt Ion:142 Resp: 249215
Ion Ratio Lower Upper
142 100
141 84.4 68.6 103.0
115 41.7 32.8 49.2



#38
1-Methylnaphthalene
Concen: 41.381 ng
RT: 12.525 min Scan# 1606
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:142 Resp: 243654
Ion Ratio Lower Upper
142 100
141 84.2 71.2 106.8
116 4.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.488 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

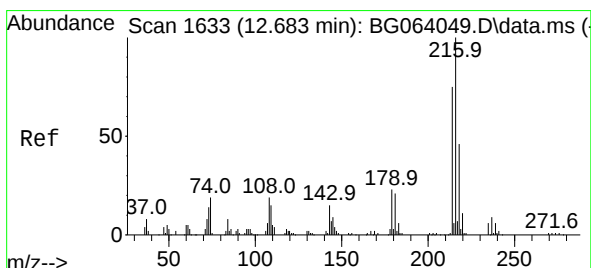
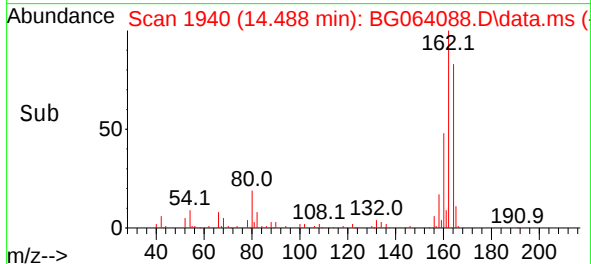
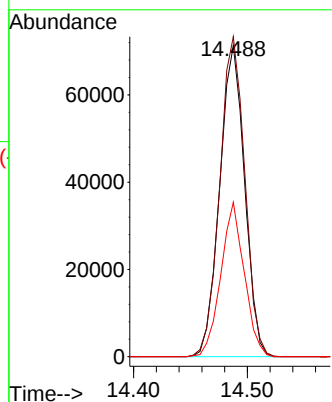
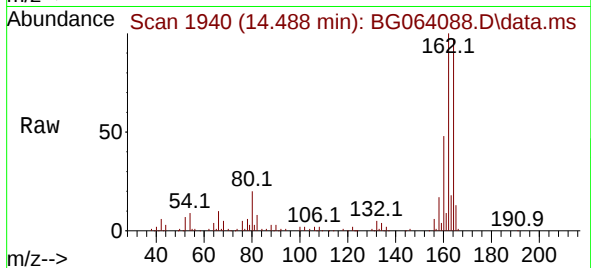
Tgt Ion:164 Resp: 108450

Ion Ratio Lower Upper

164 100

162 102.8 81.4 122.0

160 49.6 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.097 ng

RT: 12.678 min Scan# 1632

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Tgt Ion:216 Resp: 127243

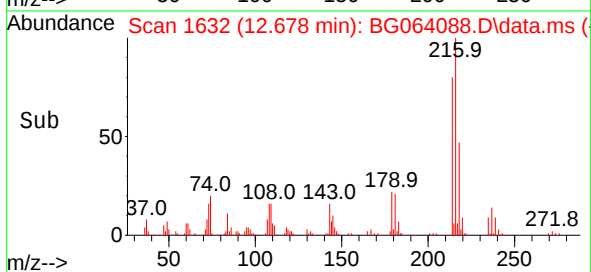
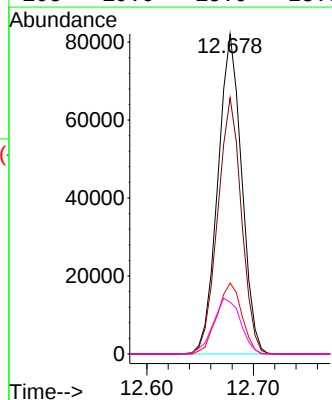
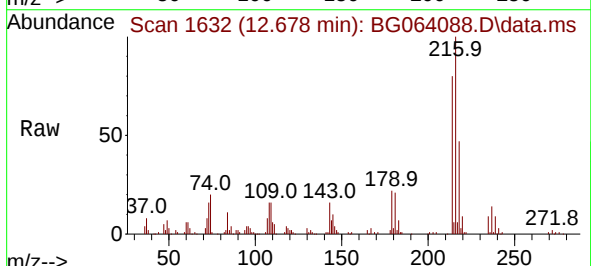
Ion Ratio Lower Upper

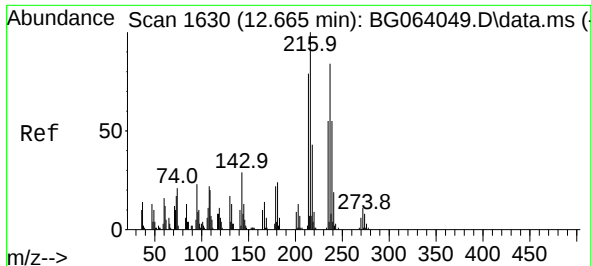
216 100

214 79.6 61.7 92.5

179 22.9 17.9 26.9

108 19.9 15.9 23.9

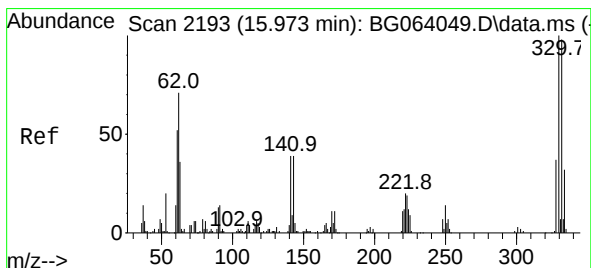
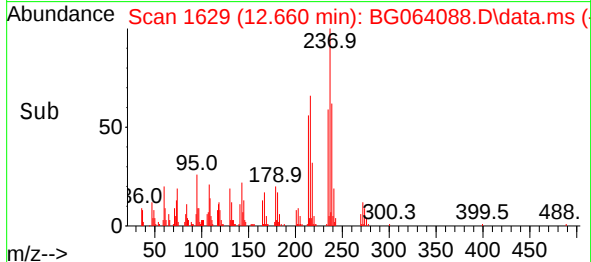
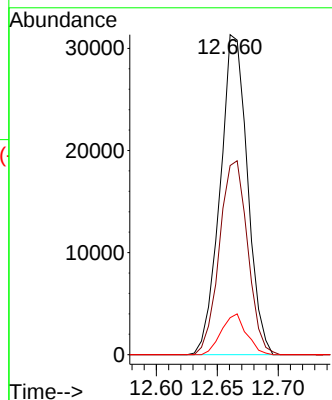
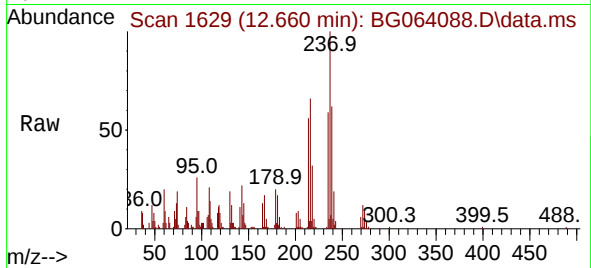




#41
Hexachlorocyclopentadiene
Concen: 56.172 ng
RT: 12.660 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

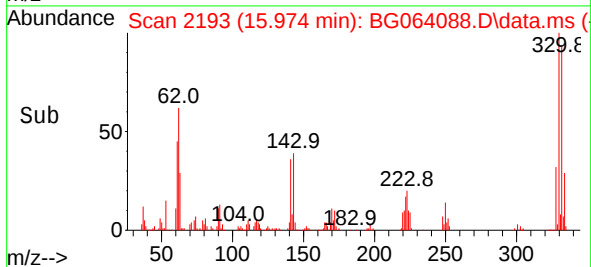
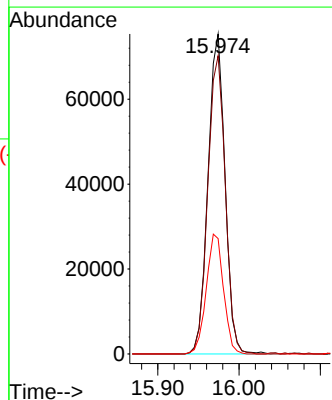
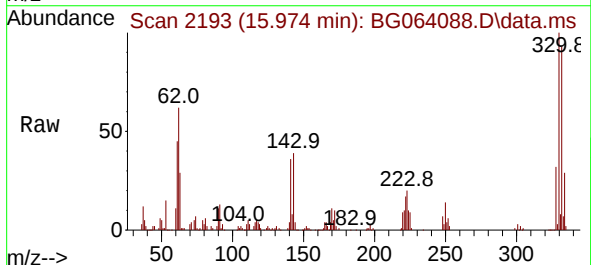
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

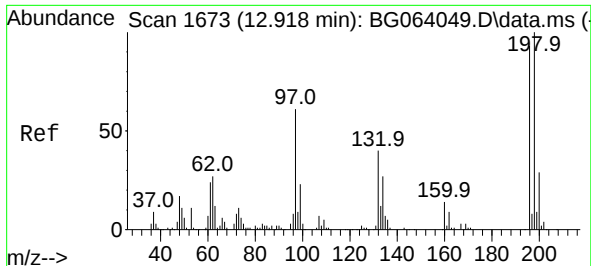
Tgt Ion:237 Resp: 48950
Ion Ratio Lower Upper
237 100
235 59.1 46.0 86.0
272 11.5 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 90.780 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:330 Resp: 109435
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 38.0 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 44.744 ng

RT: 12.913 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

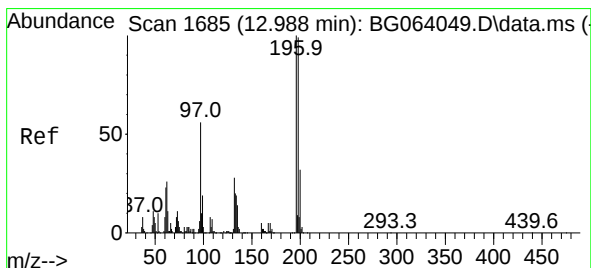
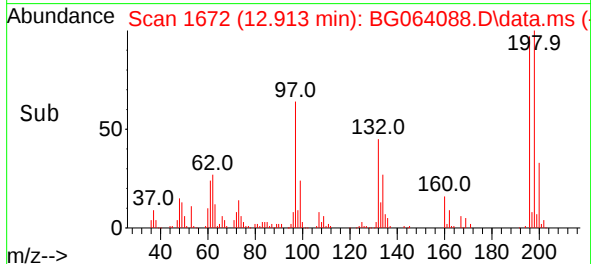
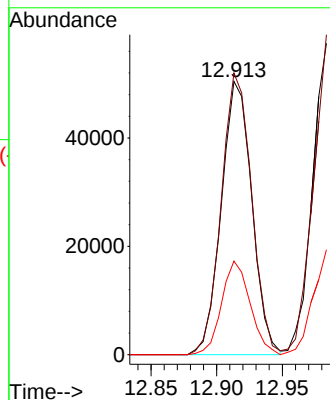
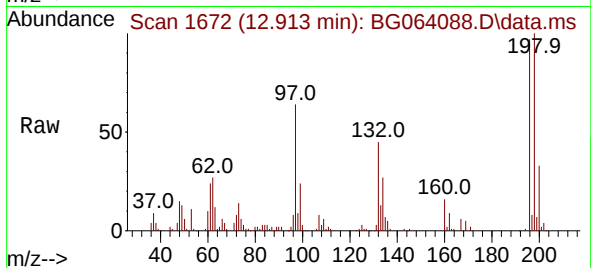
Tgt Ion:196 Resp: 81649

Ion Ratio Lower Upper

196 100

198 103.1 85.6 128.4

200 34.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 45.545 ng

RT: 12.984 min Scan# 1684

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Tgt Ion:196 Resp: 92347

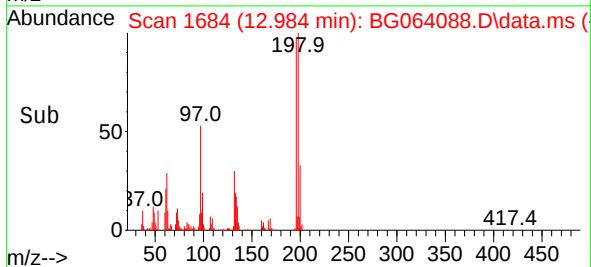
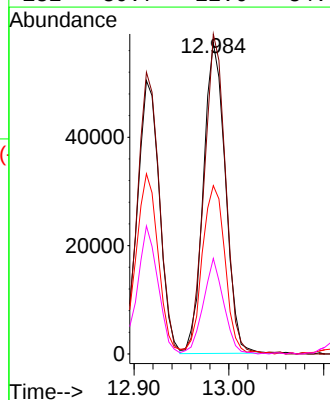
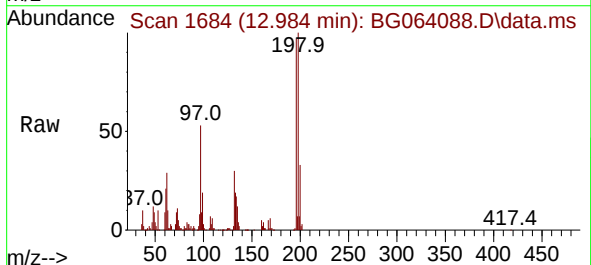
Ion Ratio Lower Upper

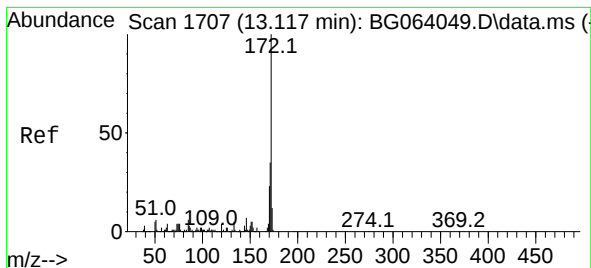
196 100

198 102.8 79.5 119.3

97 54.1 45.2 67.8

132 30.7 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 82.956 ng

RT: 13.113 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

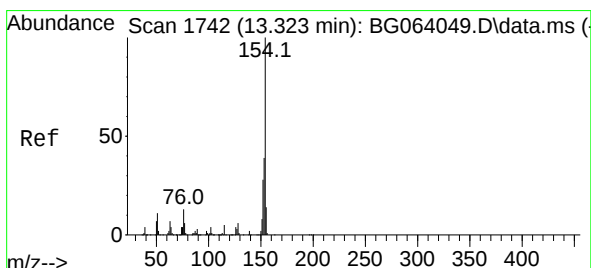
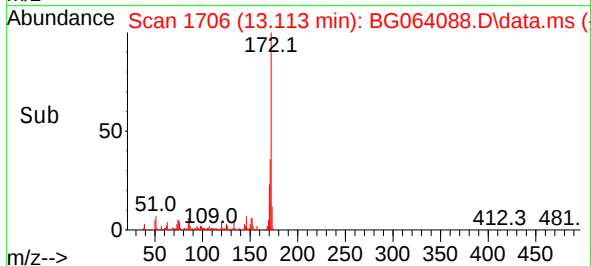
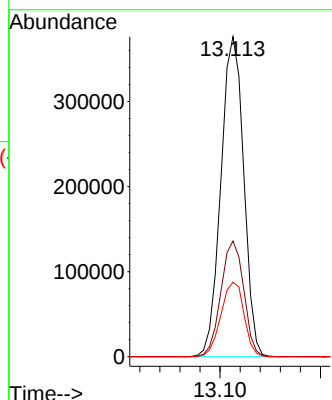
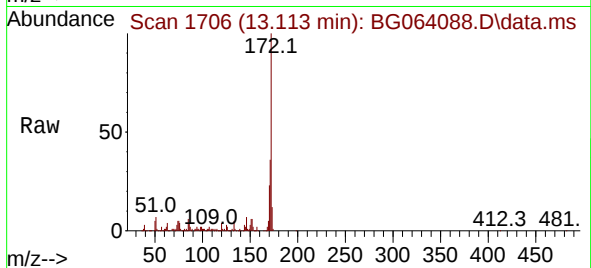
Tgt Ion:172 Resp: 592708

Ion Ratio Lower Upper

172 100

171 36.1 28.0 42.0

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 41.605 ng

RT: 13.318 min Scan# 1741

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

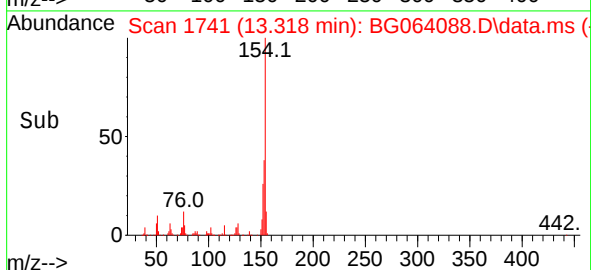
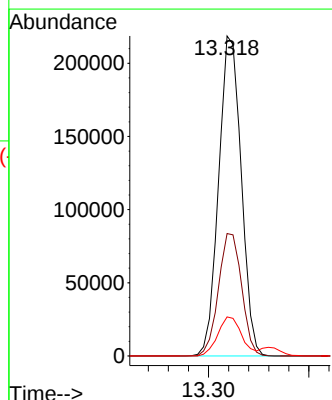
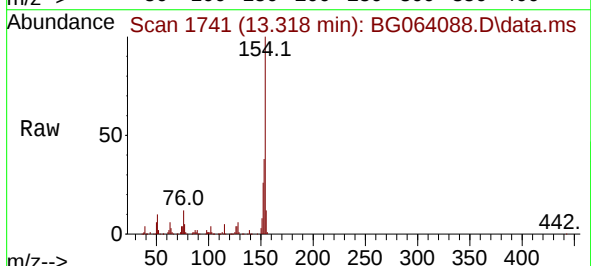
Tgt Ion:154 Resp: 340892

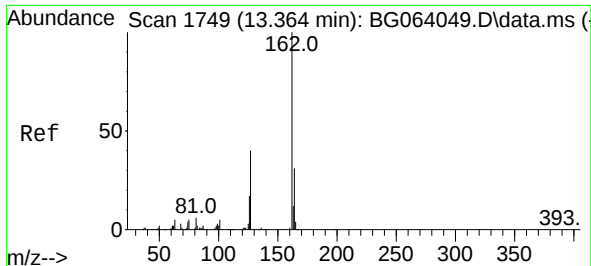
Ion Ratio Lower Upper

154 100

153 38.2 19.5 59.5

76 12.2 0.0 33.5

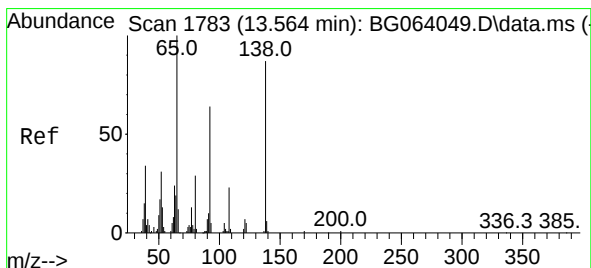
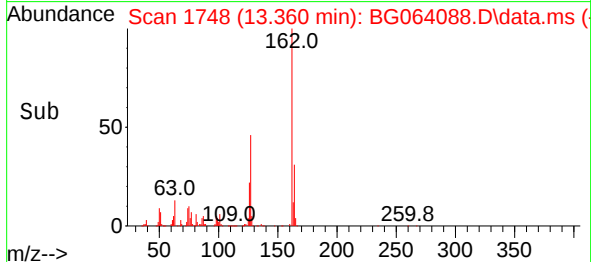
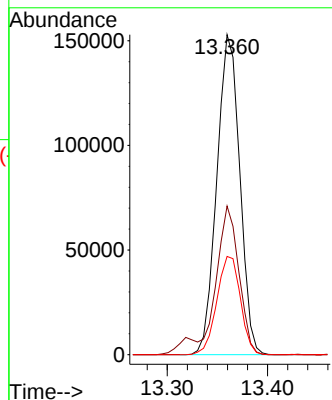
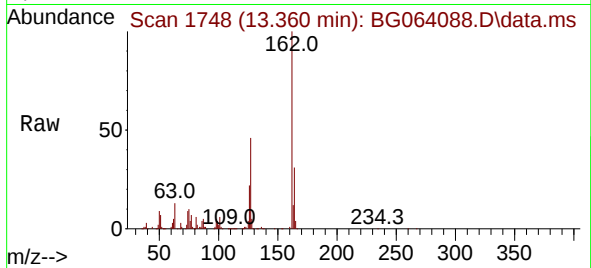




#47
2-Chloronaphthalene
Concen: 40.562 ng
RT: 13.360 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

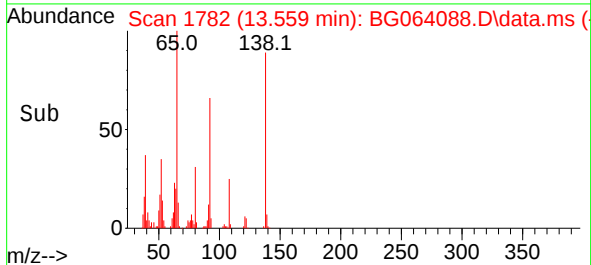
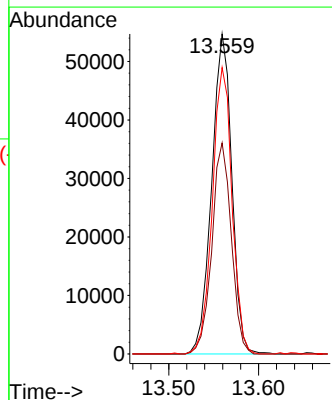
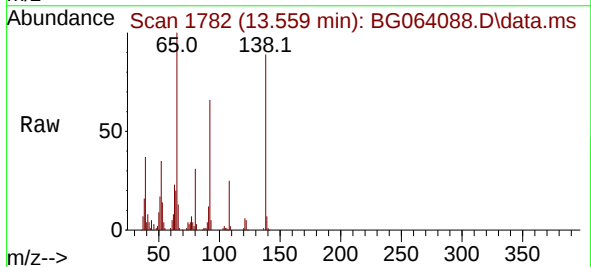
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

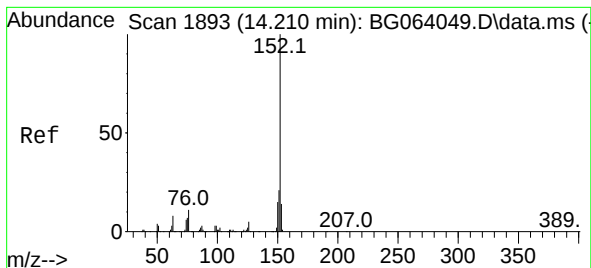
Tgt Ion:162 Resp: 242387
Ion Ratio Lower Upper
162 100
127 46.4 35.0 52.4
164 30.7 25.0 37.6



#48
2-Nitroaniline
Concen: 43.674 ng
RT: 13.559 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion: 65 Resp: 84939
Ion Ratio Lower Upper
65 100
92 65.9 51.2 76.8
138 89.5 69.4 104.2





#49

Acenaphthylene

Concen: 41.092 ng

RT: 14.206 min Scan# 1892

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

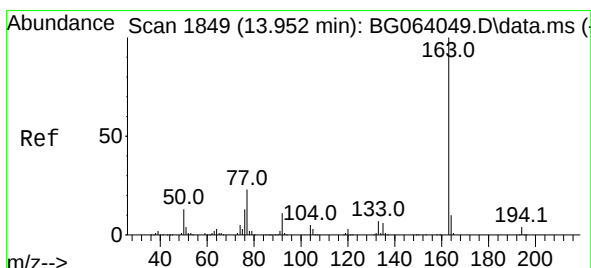
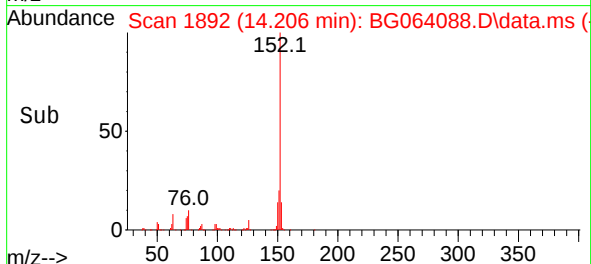
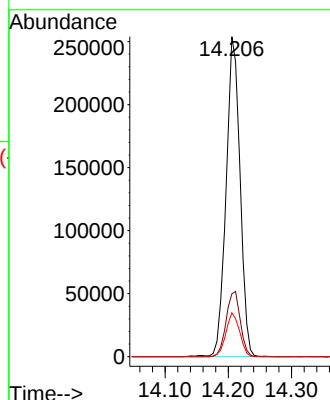
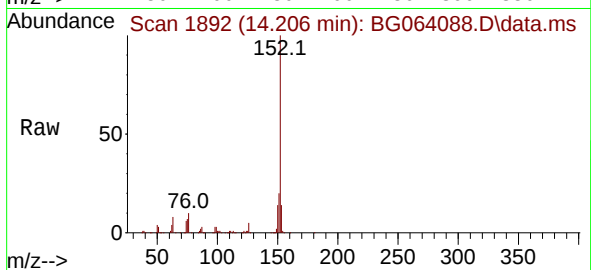
Tgt Ion:152 Resp: 388400

Ion Ratio Lower Upper

152 100

151 19.6 16.4 24.6

153 13.7 10.9 16.3



#50

Dimethylphthalate

Concen: 39.848 ng

RT: 13.947 min Scan# 1848

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

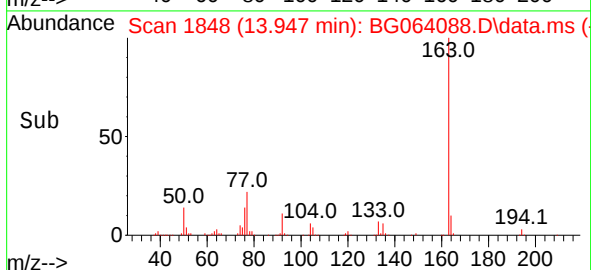
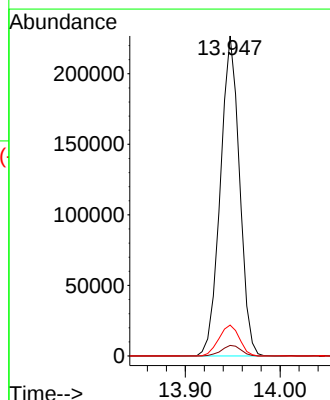
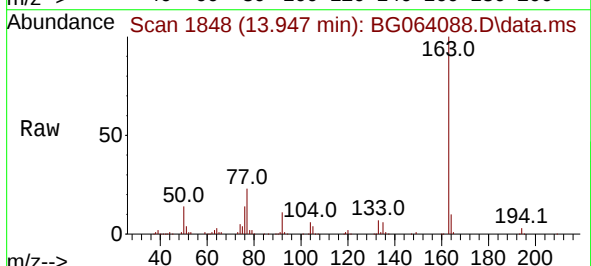
Tgt Ion:163 Resp: 319000

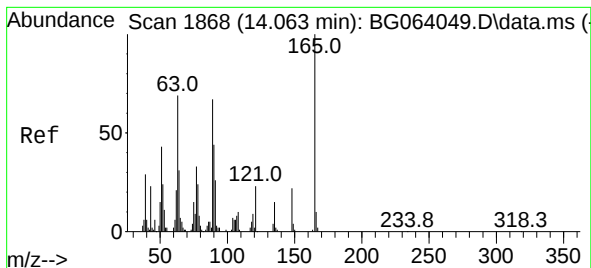
Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

164 9.7 8.2 12.2

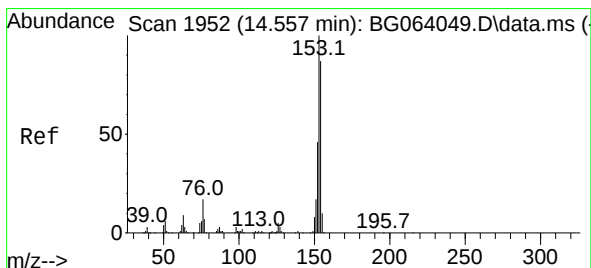
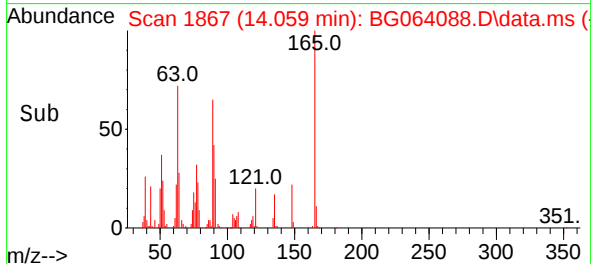
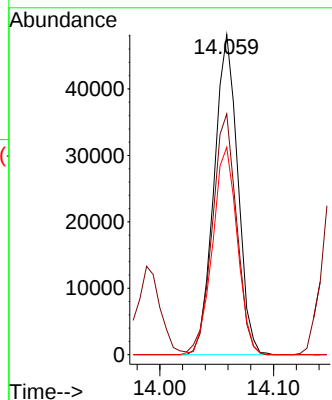
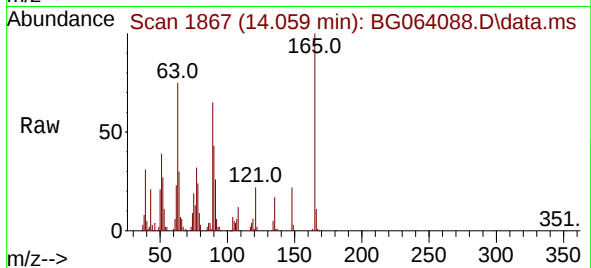




#51
2,6-Dinitrotoluene
Concen: 43.275 ng
RT: 14.059 min Scan# 1867
Delta R.T. -0.004 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

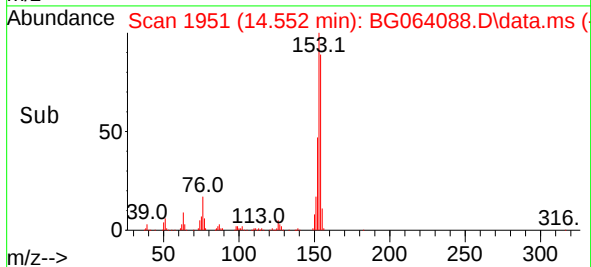
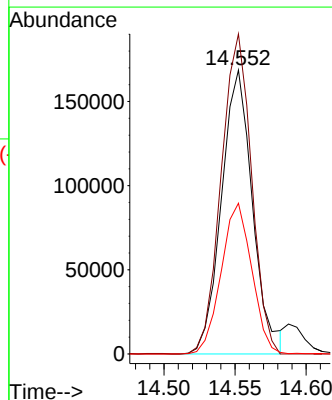
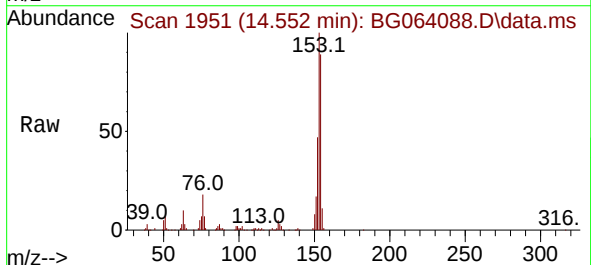
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

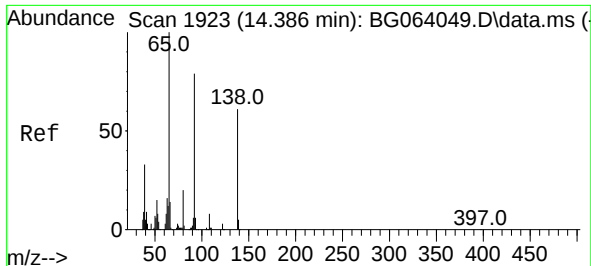
Tgt Ion:165 Resp: 69706
Ion Ratio Lower Upper
165 100
63 75.3 56.7 85.1
89 64.8 53.7 80.5



#52
Acenaphthene
Concen: 40.452 ng
RT: 14.552 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:154 Resp: 256603
Ion Ratio Lower Upper
154 100
153 112.8 91.6 137.4
152 53.1 42.5 63.7

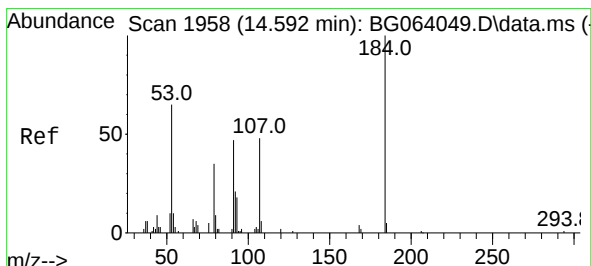
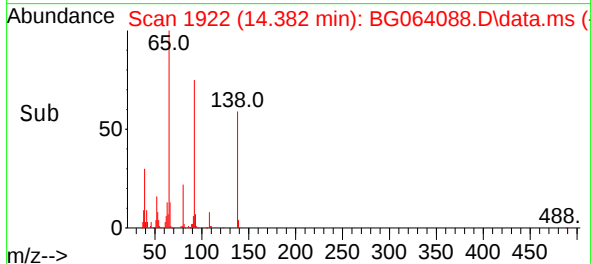
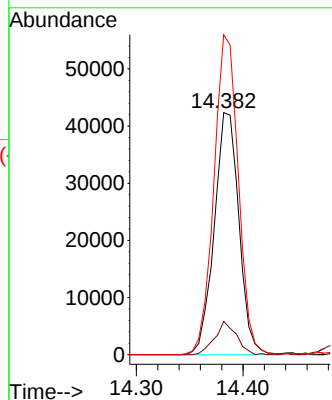
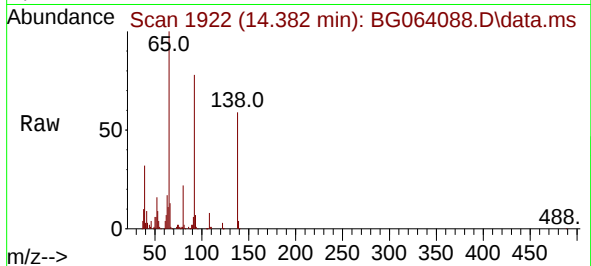




#53
3-Nitroaniline
Concen: 43.958 ng
RT: 14.382 min Scan# 1923
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

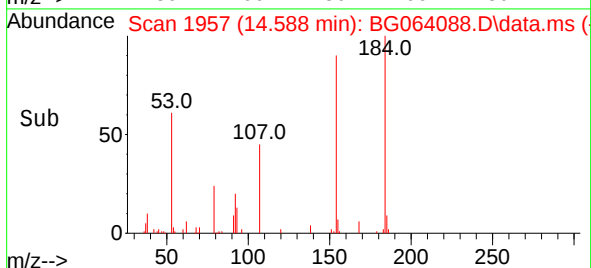
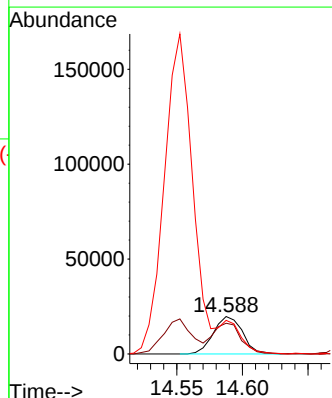
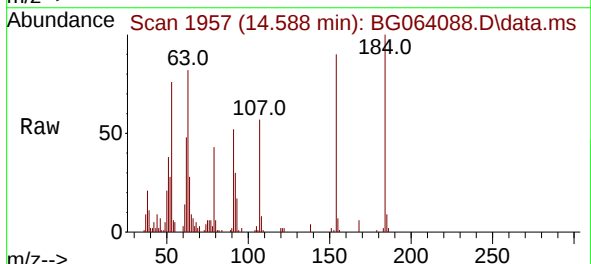
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

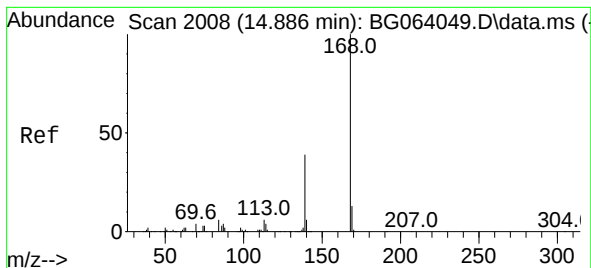
Tgt Ion:138 Resp: 68013
Ion Ratio Lower Upper
138 100
108 13.8 10.1 15.1
92 132.2 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 48.212 ng
RT: 14.588 min Scan# 1957
Delta R.T. -0.004 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:184 Resp: 30294
Ion Ratio Lower Upper
184 100
63 82.1 57.5 86.3
154 90.1 52.3 78.5#

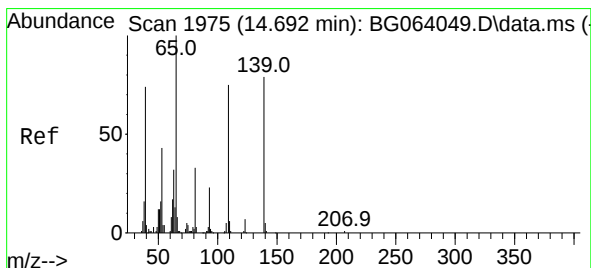
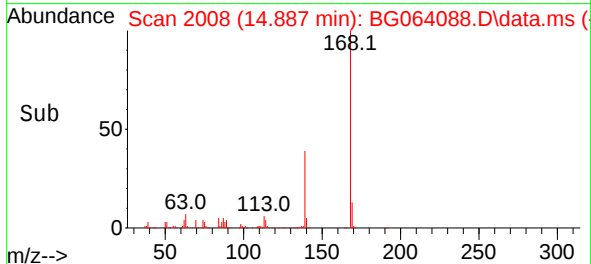
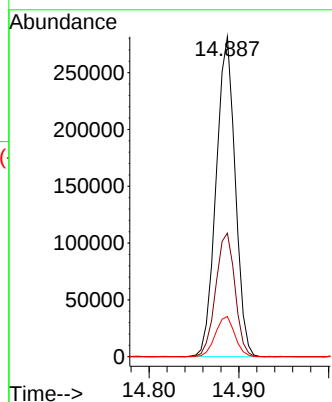
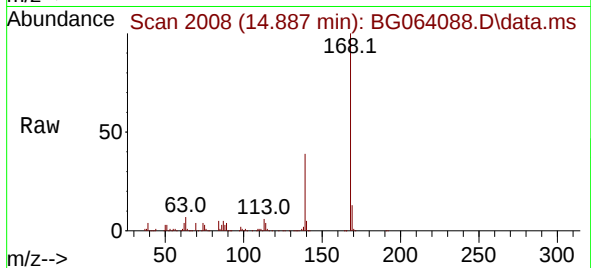




#55
Dibenzofuran
Concen: 40.446 ng
RT: 14.887 min Scan# 2008
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

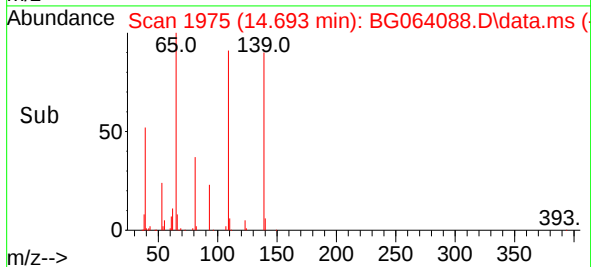
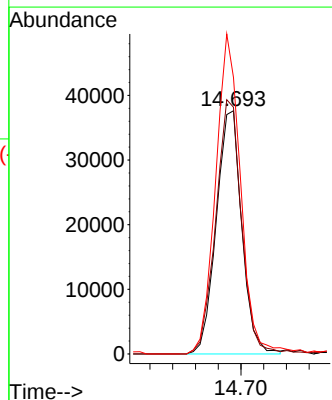
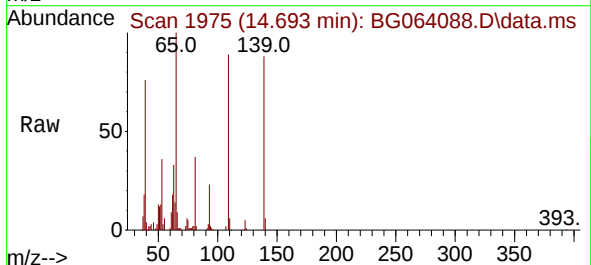
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

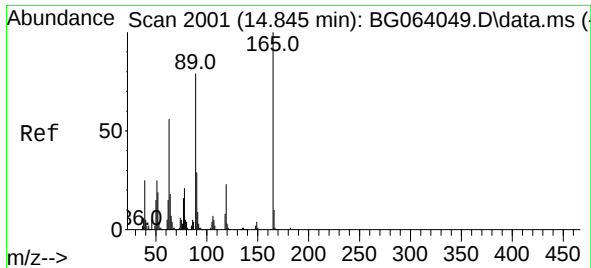
Tgt Ion:168 Resp: 415633
Ion Ratio Lower Upper
168 100
139 38.6 31.1 46.7
169 12.5 10.5 15.7



#56
4-Nitrophenol
Concen: 45.112 ng
RT: 14.693 min Scan# 1975
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:139 Resp: 58538
Ion Ratio Lower Upper
139 100
109 101.4 74.9 114.9
65 113.6 106.8 146.8

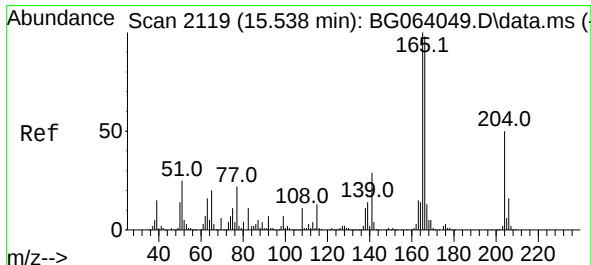
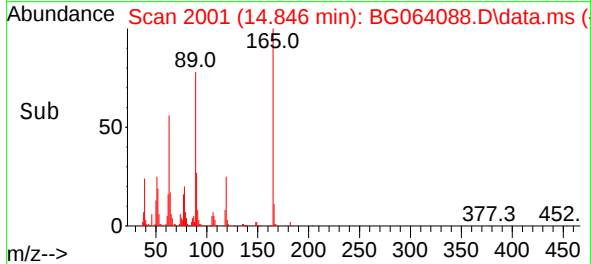
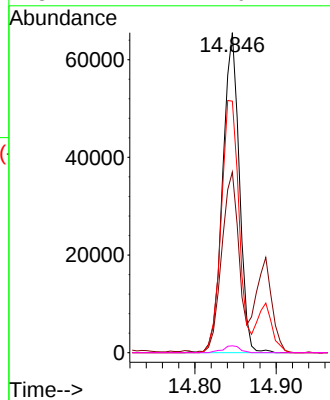
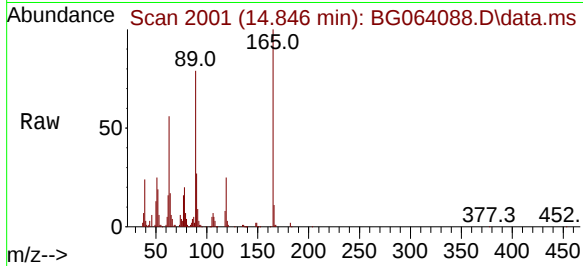




#57
2,4-Dinitrotoluene
Concen: 42.134 ng
RT: 14.846 min Scan# 2001
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

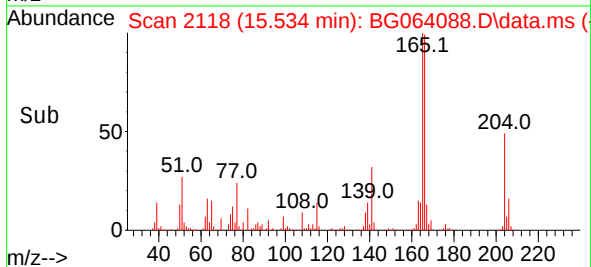
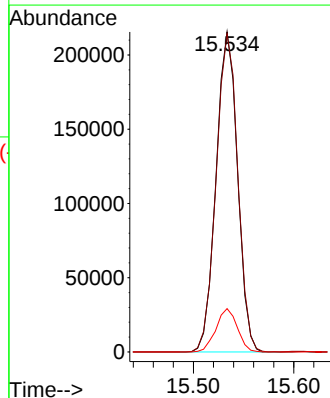
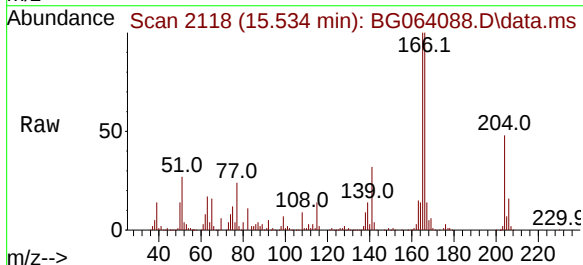
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

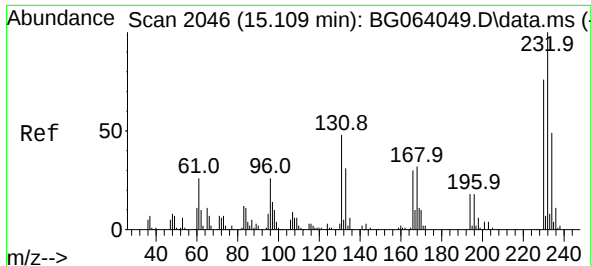
Tgt Ion:165 Resp: 93339
Ion Ratio Lower Upper
165 100
63 56.4 45.0 67.6
89 78.6 63.1 94.7
182 2.1 1.0 1.4#



#58
Fluorene
Concen: 39.931 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:166 Resp: 319594
Ion Ratio Lower Upper
166 100
165 99.5 81.8 122.8
167 13.6 10.8 16.2

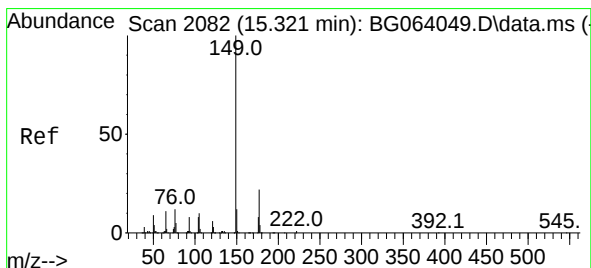
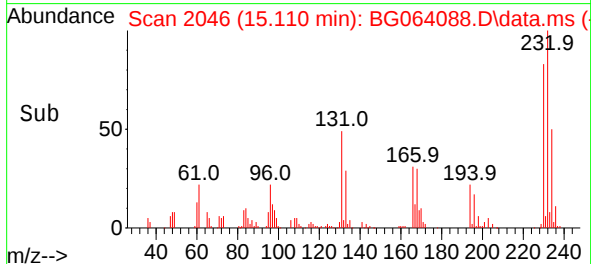
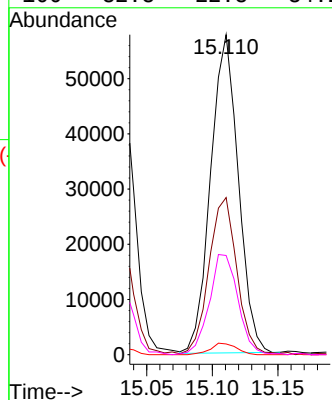
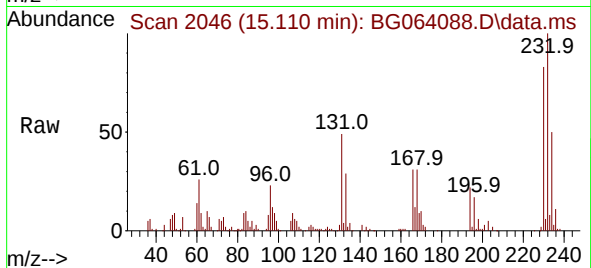




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.741 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

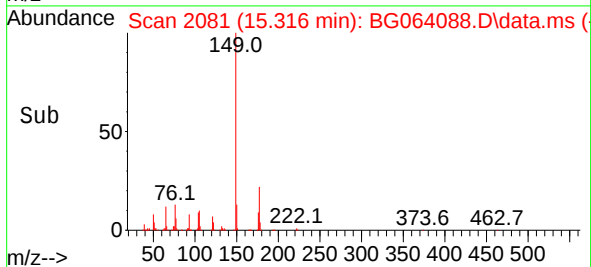
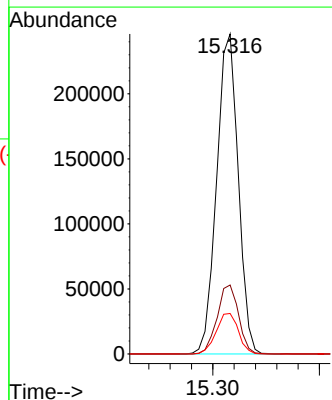
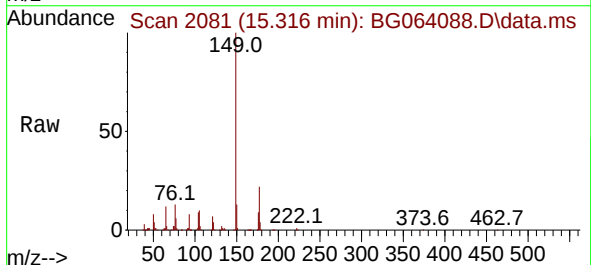
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

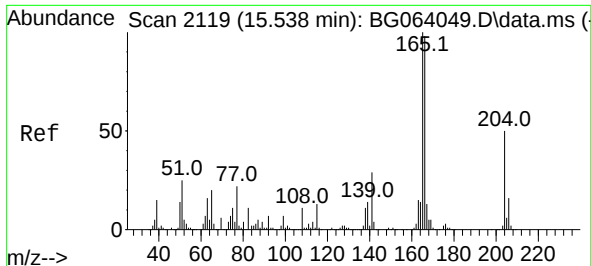
Tgt Ion:232 Resp: 84485
Ion Ratio Lower Upper
232 100
131 50.3 36.3 54.5
130 3.4 1.9 2.9#
166 32.8 22.8 34.2



#60
Diethylphthalate
Concen: 39.625 ng
RT: 15.316 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 344373
Ion Ratio Lower Upper
149 100
177 21.6 17.4 26.2
150 12.7 9.4 14.2

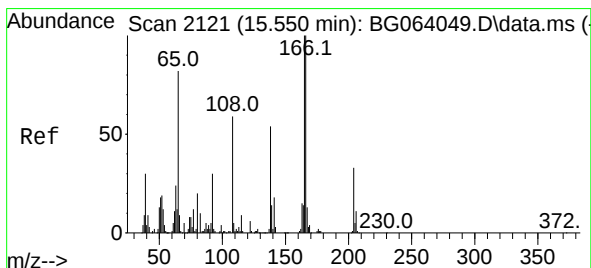
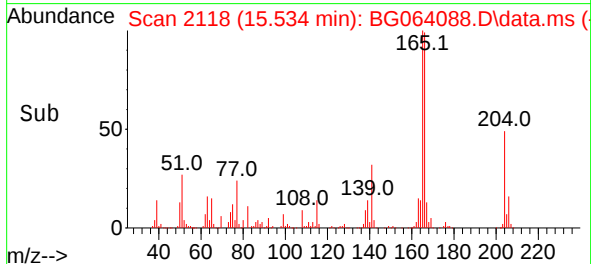
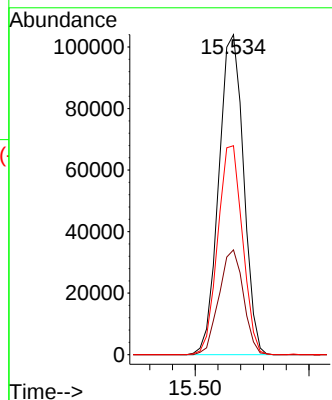
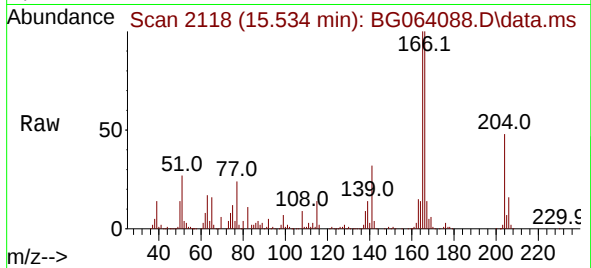




#61
4-Chlorophenyl-phenylether
Concen: 39.577 ng
RT: 15.534 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

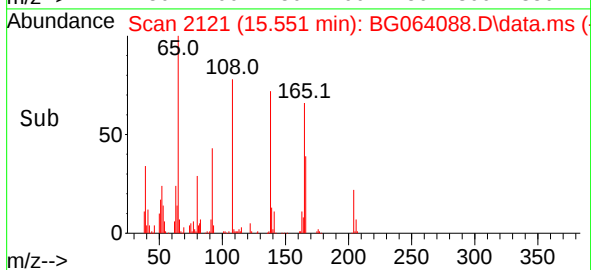
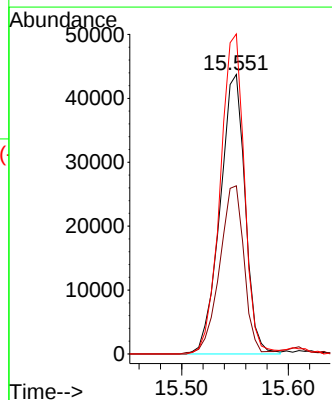
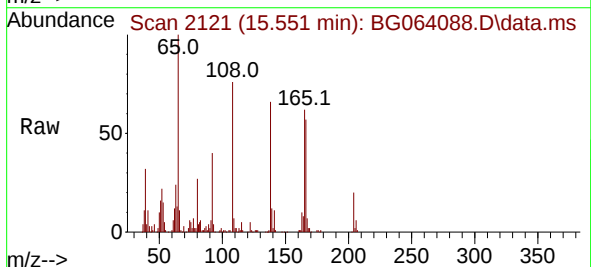
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

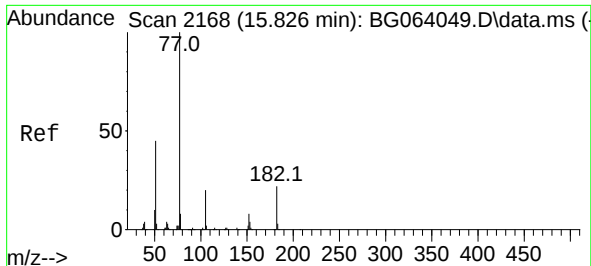
Tgt Ion:204 Resp: 157411
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 65.3 45.4 68.0



#62
4-Nitroaniline
Concen: 42.778 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:138 Resp: 71458
Ion Ratio Lower Upper
138 100
92 60.2 36.1 76.1
108 114.5 87.9 127.9

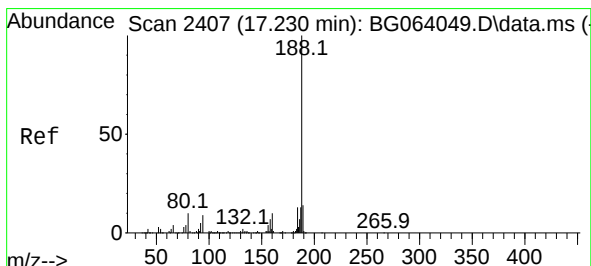
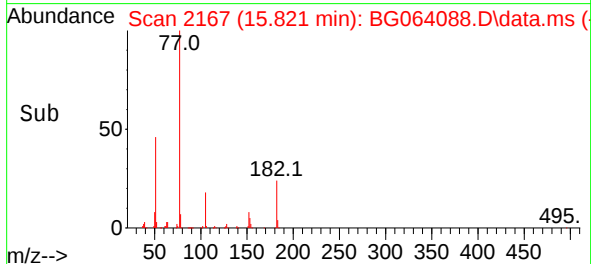
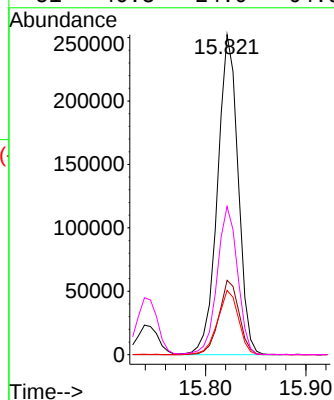
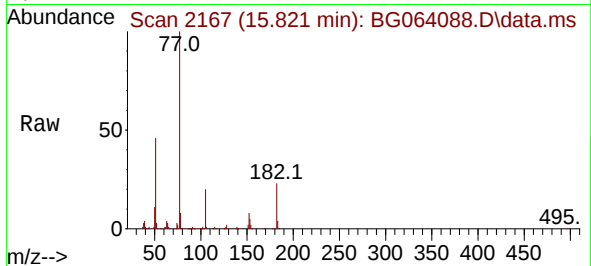




#63
 Azobenzene
 Concen: 38.749 ng
 RT: 15.821 min Scan# 2167
 Delta R.T. -0.005 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

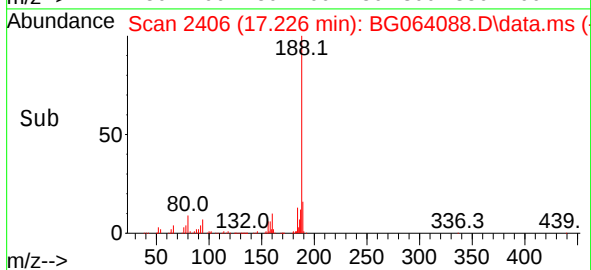
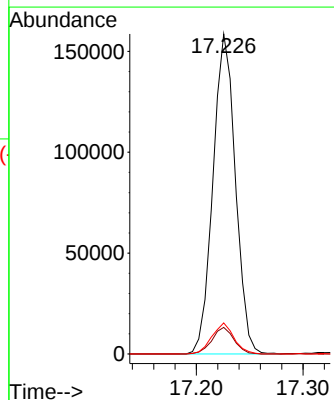
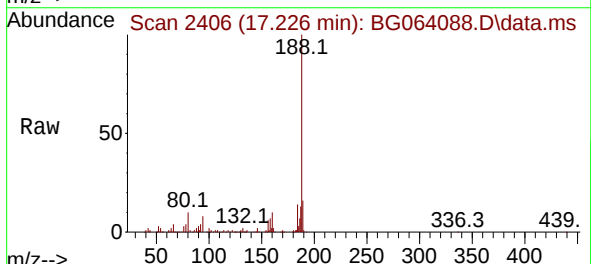
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

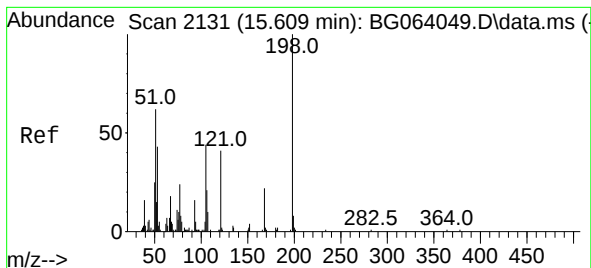
Tgt Ion: 77	Resp: 359348
Ion Ratio	Lower Upper
77 100	
182 23.2	2.4 42.4
105 20.1	0.0 40.0
51 46.3	24.9 64.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.226 min Scan# 2406
 Delta R.T. -0.004 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

Tgt Ion: 188	Resp: 231599
Ion Ratio	Lower Upper
188 100	
94 8.3	6.9 10.3
80 9.7	8.1 12.1

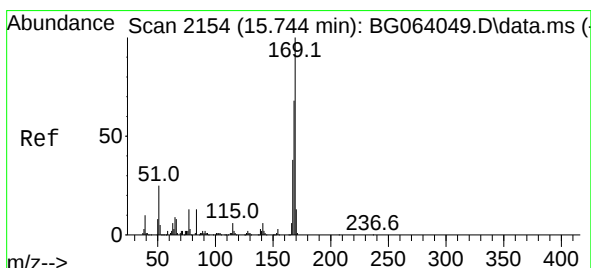
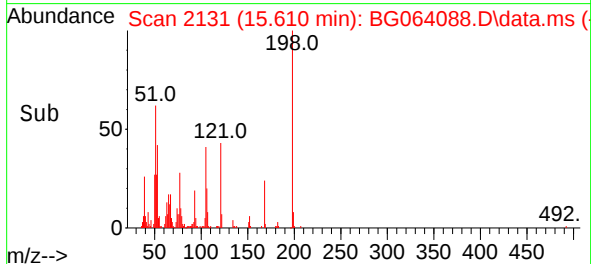
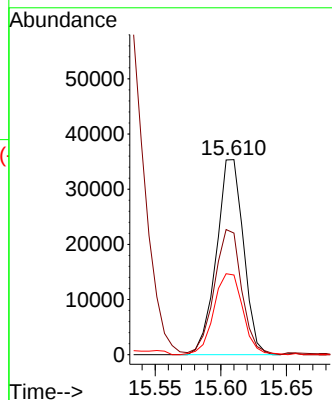
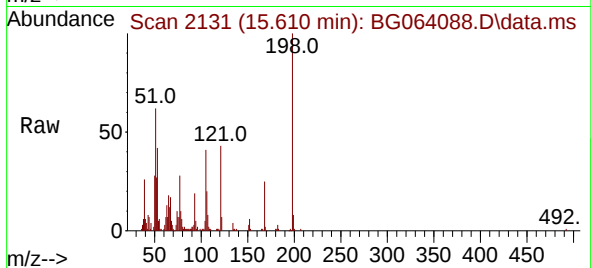




#65
4,6-Dinitro-2-methylphenol
Concen: 50.140 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

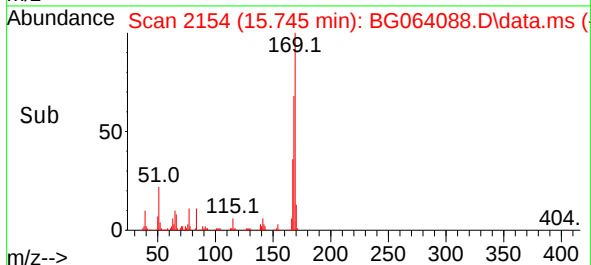
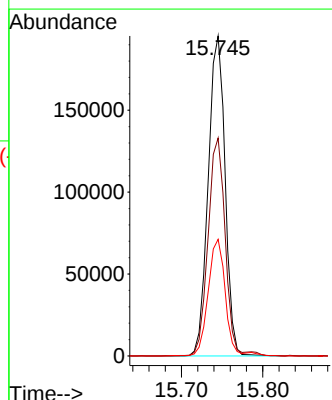
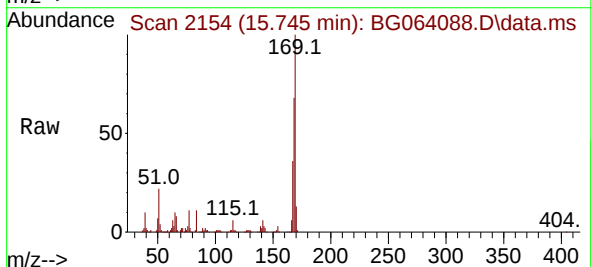
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

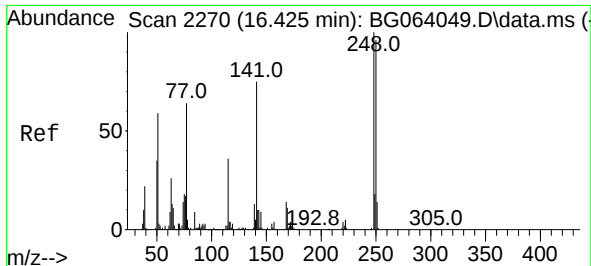
Tgt Ion:198 Resp: 50606
Ion Ratio Lower Upper
198 100
51 62.3 45.6 85.6
105 40.9 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 42.928 ng
RT: 15.745 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:169 Resp: 281422
Ion Ratio Lower Upper
169 100
168 68.1 54.1 81.1
167 36.4 30.3 45.5

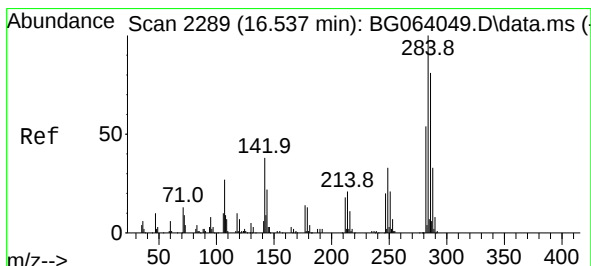
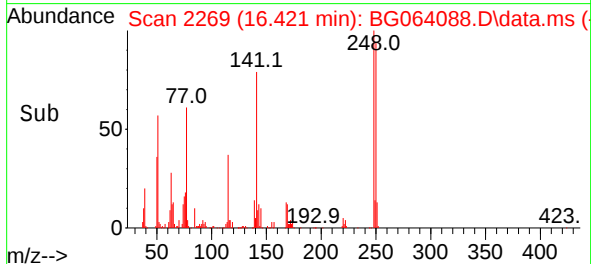
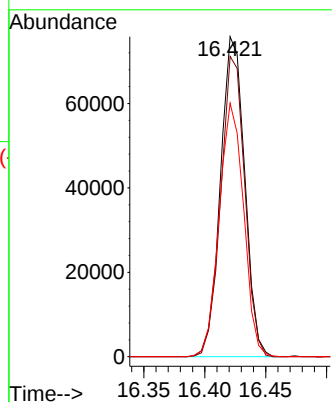
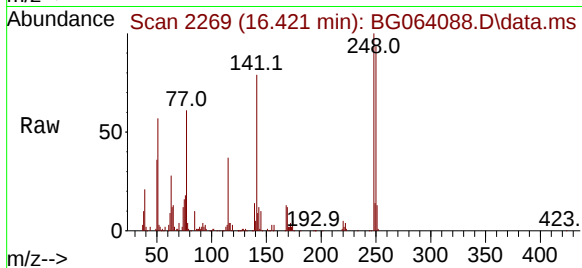




#67
4-Bromophenyl-phenylether
Concen: 44.225 ng
RT: 16.421 min Scan# 2270
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

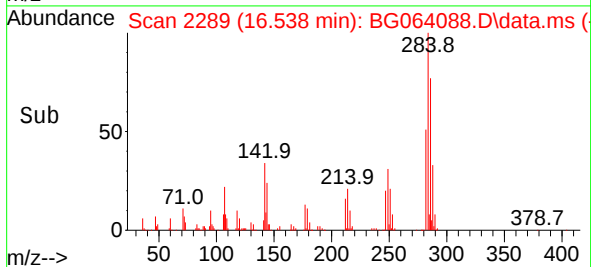
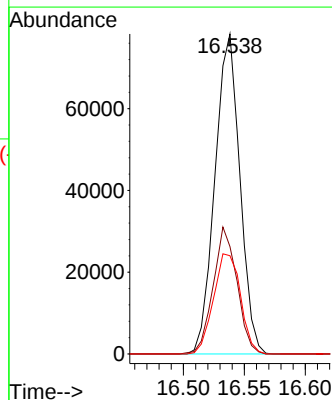
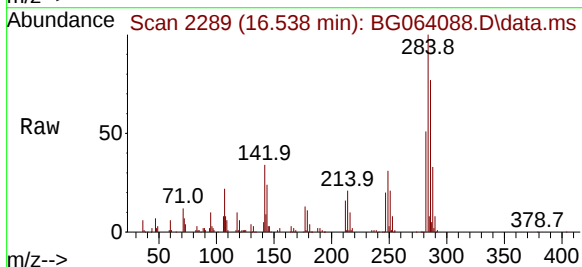
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

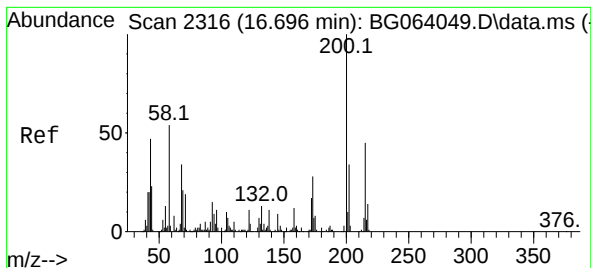
Tgt Ion:248 Resp: 104902
Ion Ratio Lower Upper
248 100
250 93.9 77.1 115.7
141 79.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 41.892 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:284 Resp: 111247
Ion Ratio Lower Upper
284 100
142 33.6 30.6 45.8
249 30.7 26.6 39.8





#69

Atrazine

Concen: 35.215 ng

RT: 16.691 min Scan# 2315

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

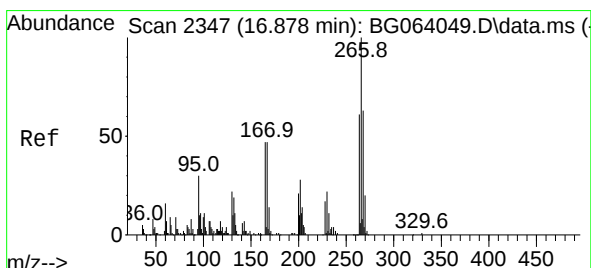
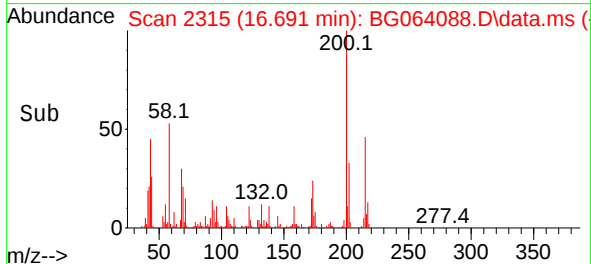
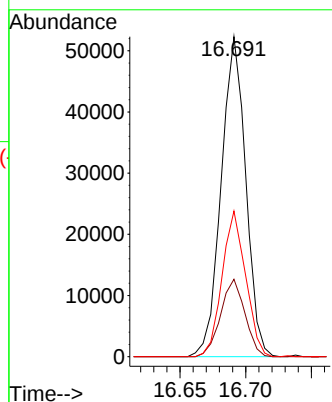
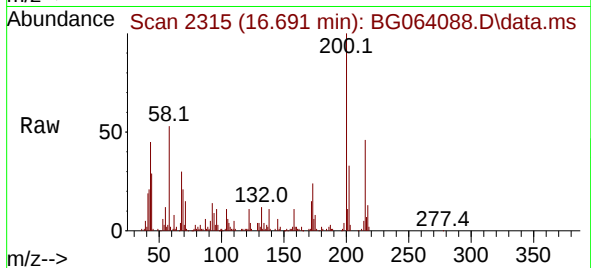
Tgt Ion:200 Resp: 67925

Ion Ratio Lower Upper

200 100

173 24.2 8.2 48.2

215 45.5 25.5 65.5



#70

Pentachlorophenol

Concen: 45.869 ng

RT: 16.873 min Scan# 2346

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

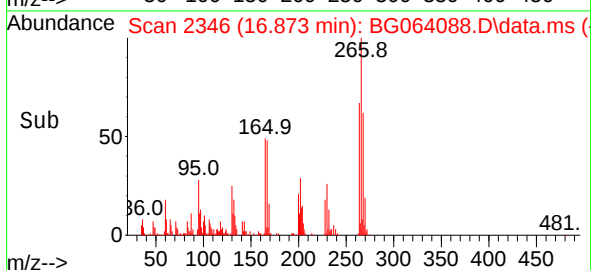
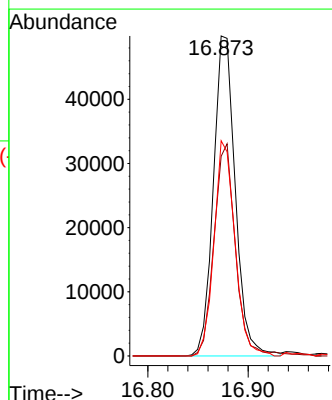
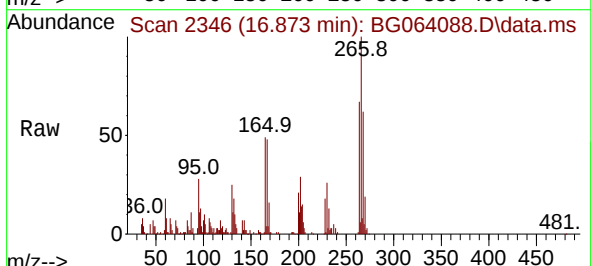
Tgt Ion:266 Resp: 75630

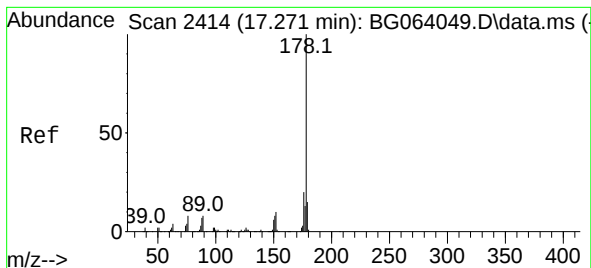
Ion Ratio Lower Upper

266 100

268 62.4 50.2 75.4

264 67.2 48.9 73.3





#71

Phenanthrene

Concen: 41.776 ng

RT: 17.267 min Scan# 2413

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

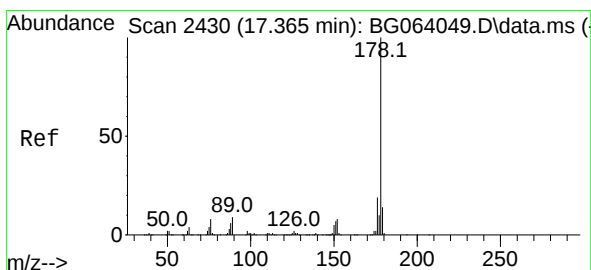
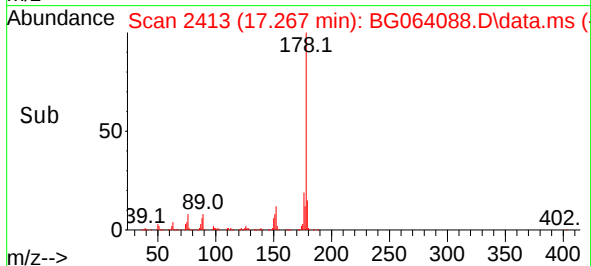
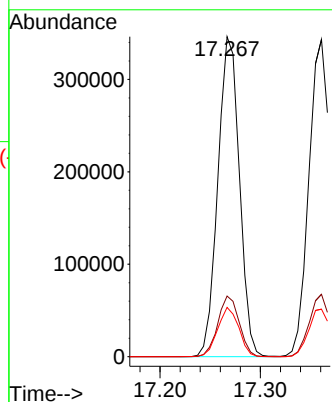
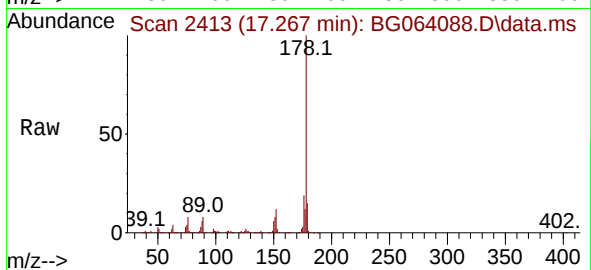
Tgt Ion:178 Resp: 516063

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

179 15.4 12.2 18.2



#72

Anthracene

Concen: 41.684 ng

RT: 17.361 min Scan# 2429

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

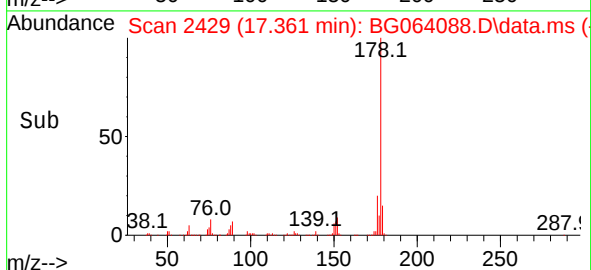
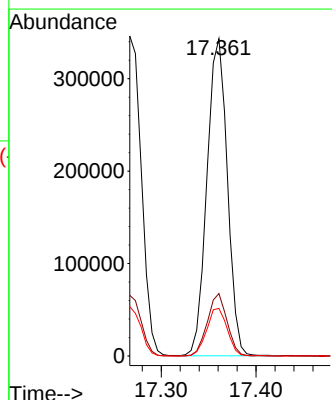
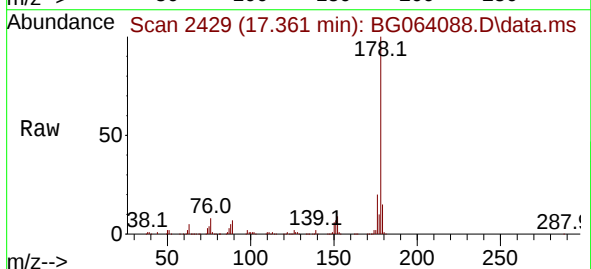
Tgt Ion:178 Resp: 512021

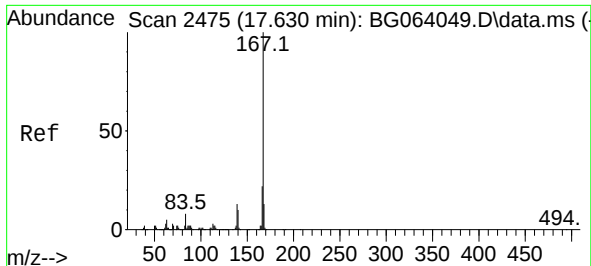
Ion Ratio Lower Upper

178 100

176 19.7 14.8 22.2

179 15.0 11.5 17.3

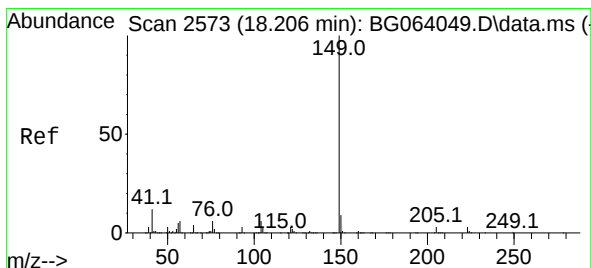
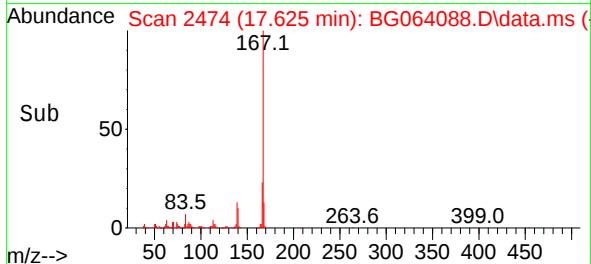
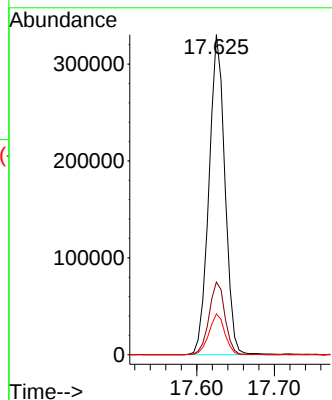
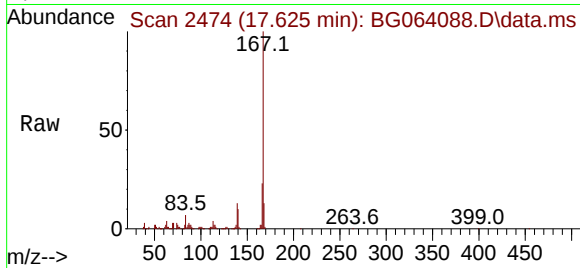




#73
 Carbazole
 Concen: 41.099 ng
 RT: 17.625 min Scan# 2474
 Delta R.T. -0.005 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

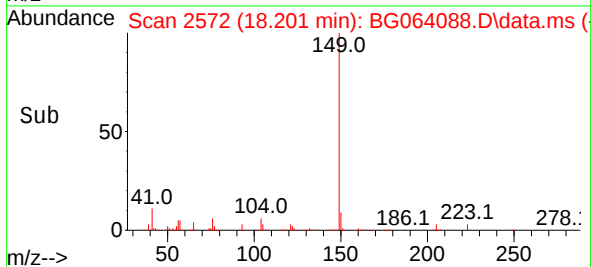
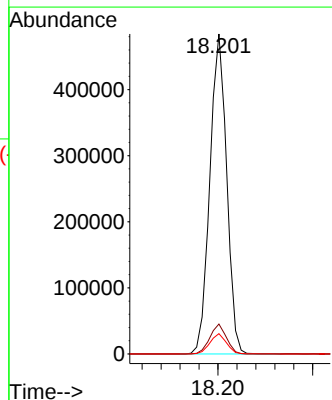
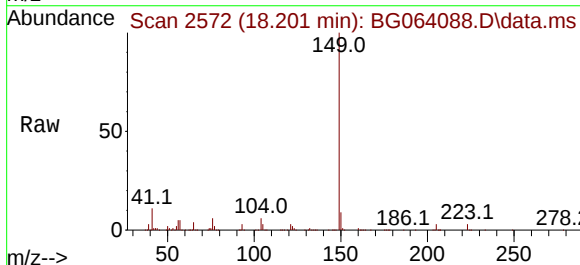
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

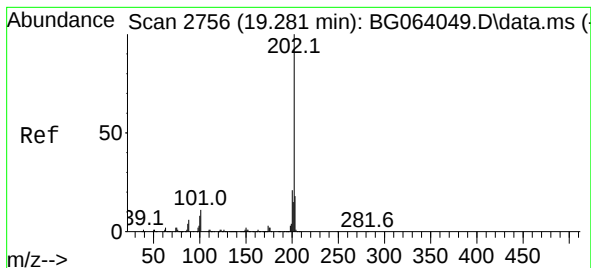
Tgt Ion:167 Resp: 471338
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 12.7 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 44.019 ng
 RT: 18.201 min Scan# 2572
 Delta R.T. -0.005 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 594241
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.4 5.0 7.6

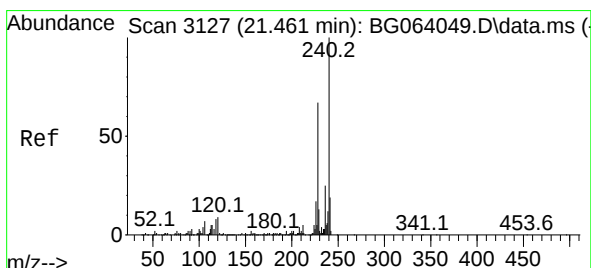
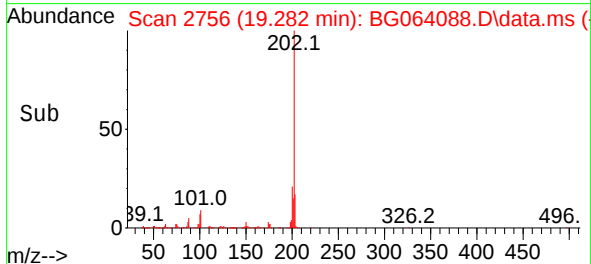
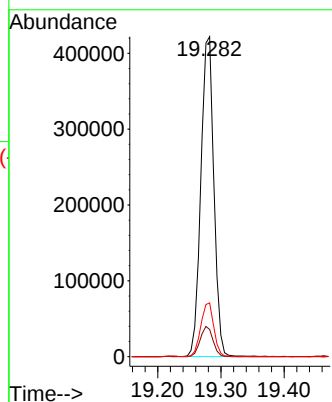
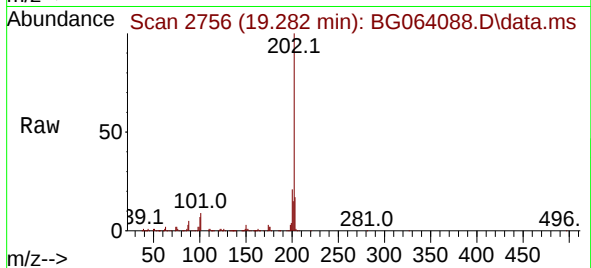




#75
Fluoranthene
Concen: 40.298 ng
RT: 19.282 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

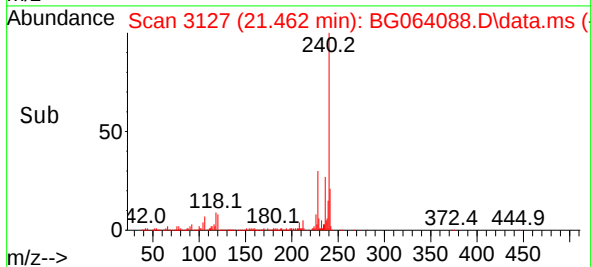
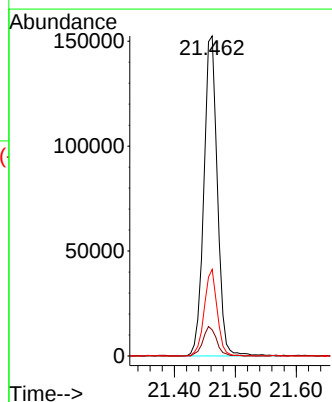
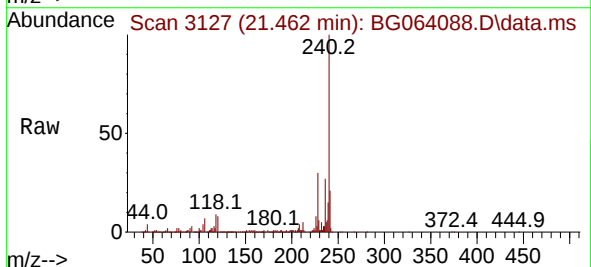
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

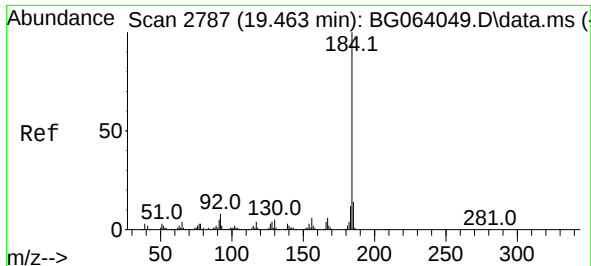
Tgt Ion:202 Resp: 600130
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.5
203 16.8 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.462 min Scan# 3127
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:240 Resp: 235698
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 27.0 20.2 30.2

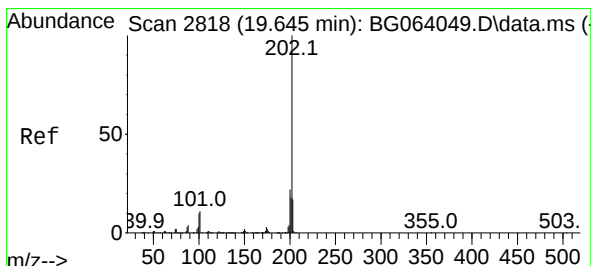
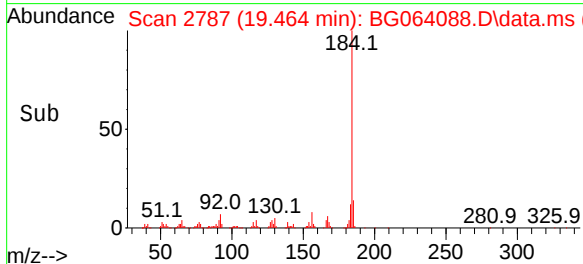
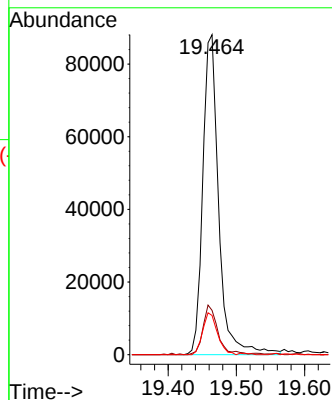
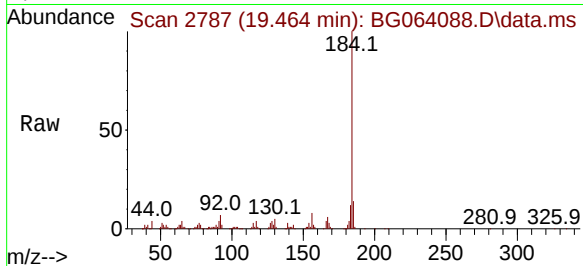




#77
Benzidine
Concen: 43.706 ng
RT: 19.464 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

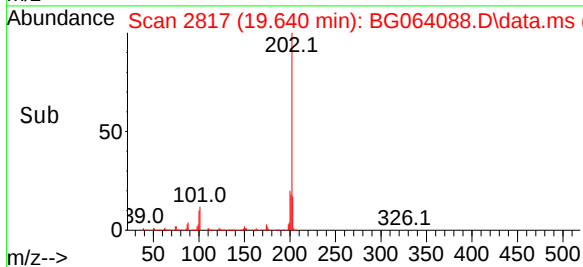
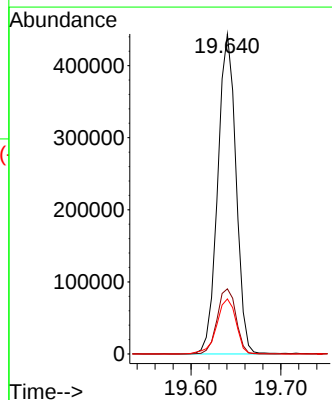
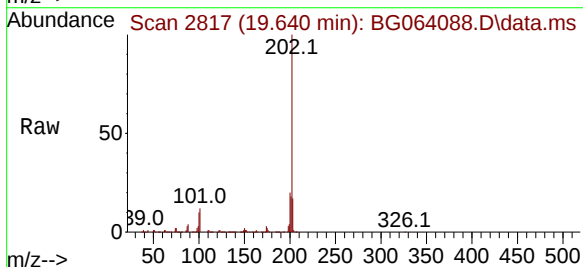
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

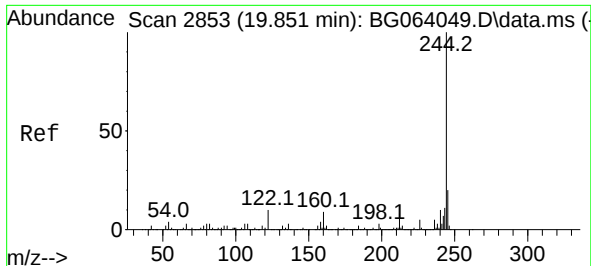
Tgt Ion:184 Resp: 142644
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 12.3 9.5 14.3



#78
Pyrene
Concen: 41.212 ng
RT: 19.640 min Scan# 2817
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:202 Resp: 626162
Ion Ratio Lower Upper
202 100
200 20.3 17.3 25.9
203 17.2 13.6 20.4

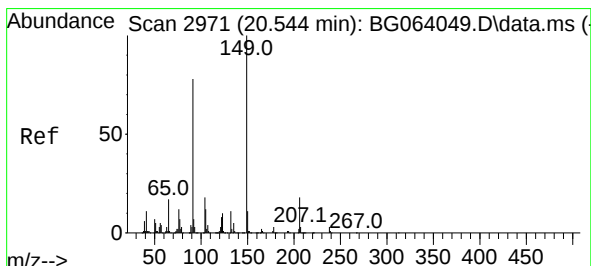
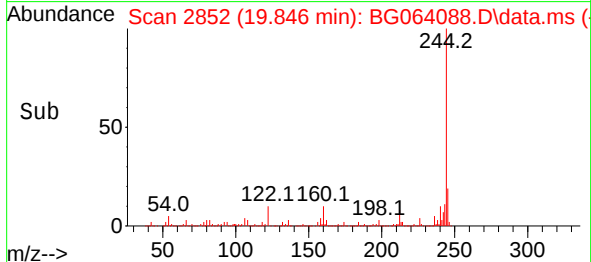
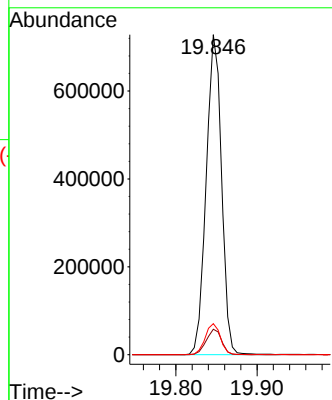
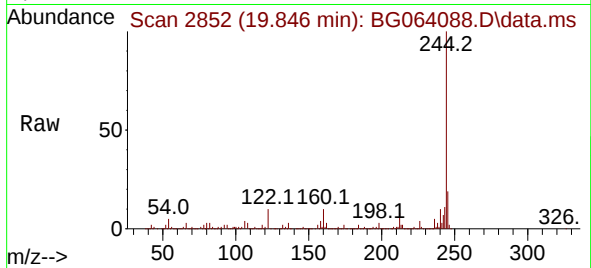




#79
 Terphenyl-d14
 Concen: 81.699 ng
 RT: 19.846 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

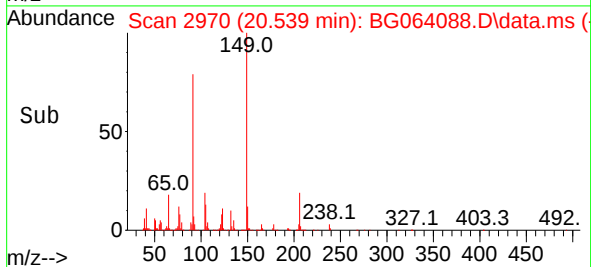
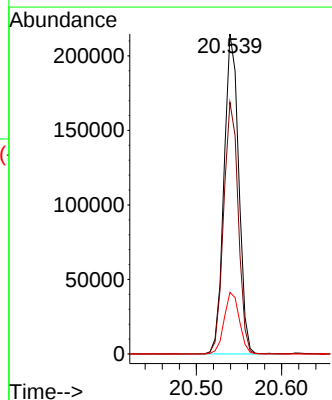
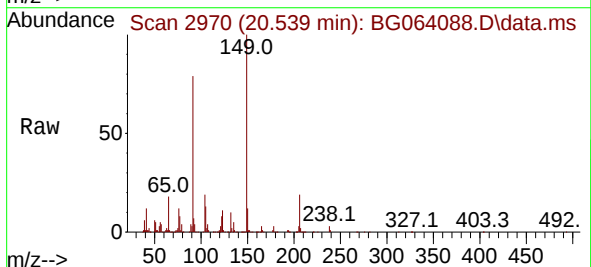
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

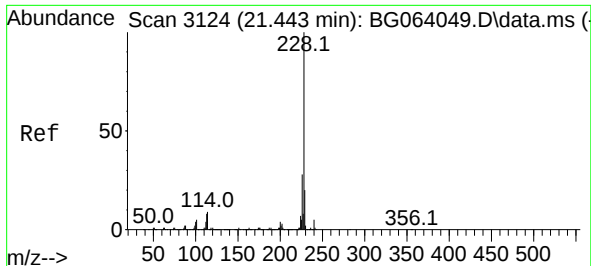
Tgt Ion:244 Resp: 952336
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 9.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 45.377 ng
 RT: 20.539 min Scan# 2970
 Delta R.T. -0.005 min
 Lab File: BG064088.D
 Acq: 11 Mar 2025 9:44

Tgt Ion:149 Resp: 257480
 Ion Ratio Lower Upper
 149 100
 91 78.7 62.0 93.0
 206 19.3 14.6 21.8

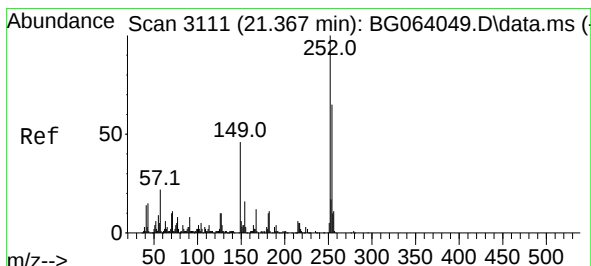
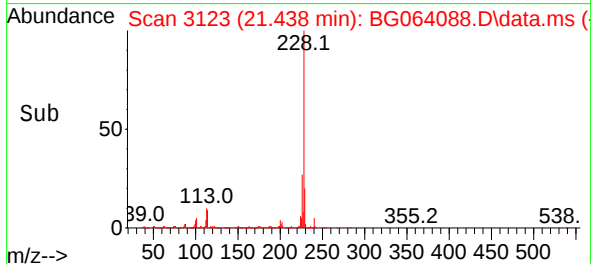
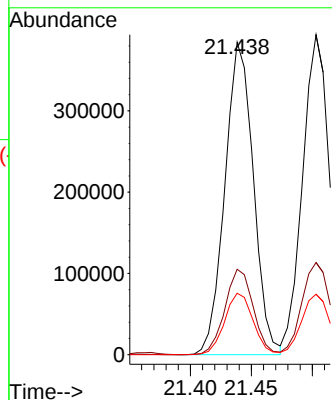
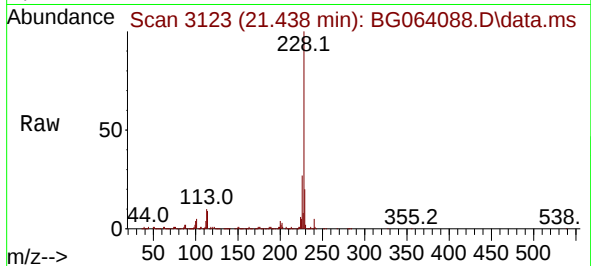




#81
Benzo(a)anthracene
Concen: 41.443 ng
RT: 21.438 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

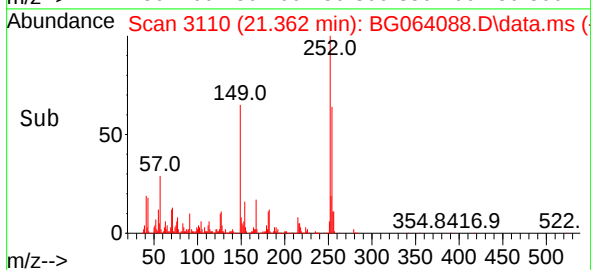
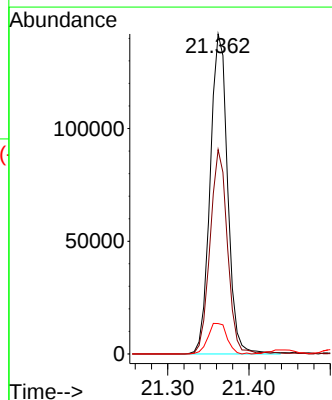
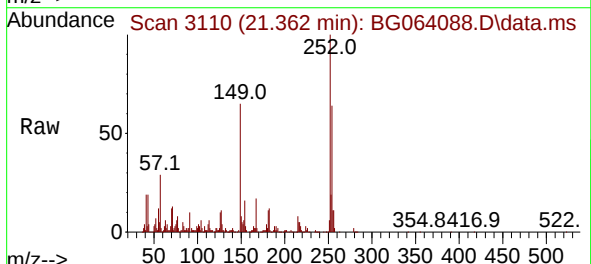
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

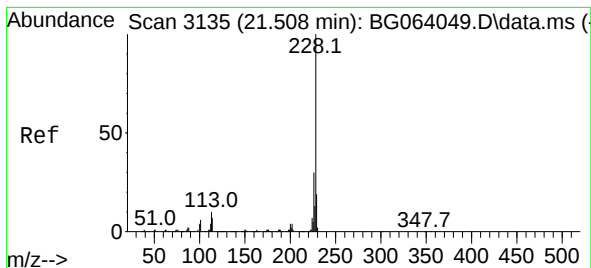
Tgt Ion:228 Resp: 625706
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.2
229 19.7 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 43.303 ng
RT: 21.362 min Scan# 3110
Delta R.T. -0.005 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:252 Resp: 211593
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 9.5 7.8 11.8





#83

Chrysene

Concen: 40.444 ng

RT: 21.503 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

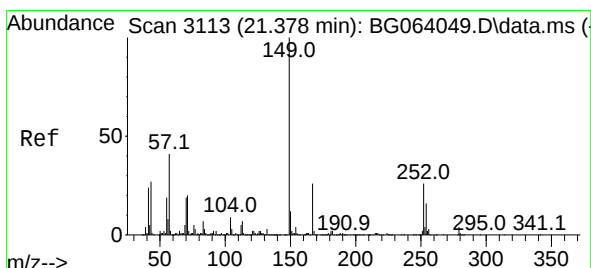
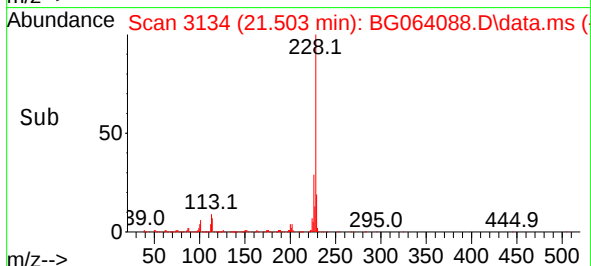
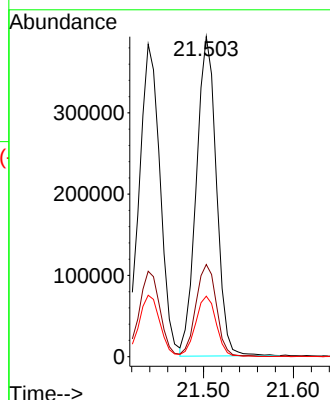
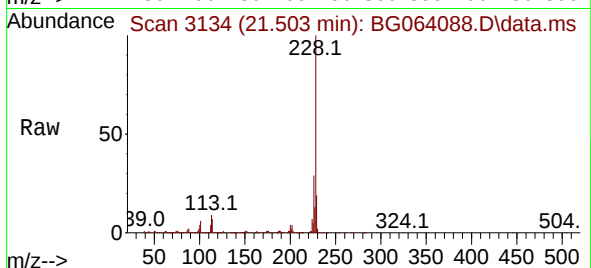
Tgt Ion:228 Resp: 609019

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

229 18.9 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.030 ng

RT: 21.374 min Scan# 3112

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

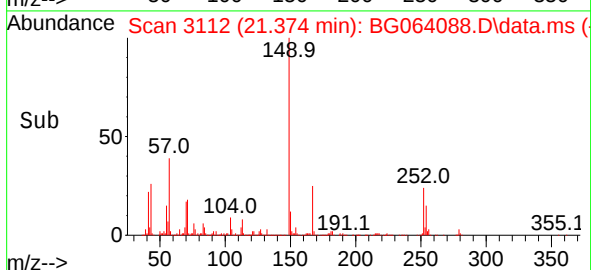
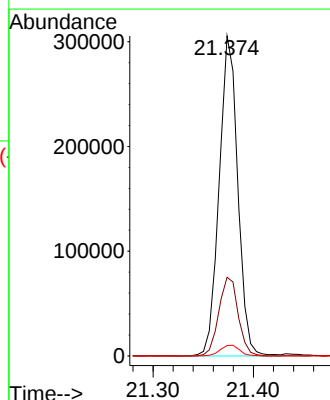
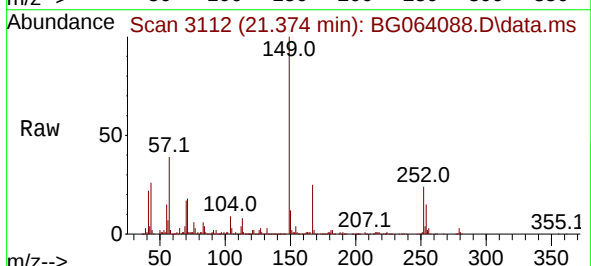
Tgt Ion:149 Resp: 392178

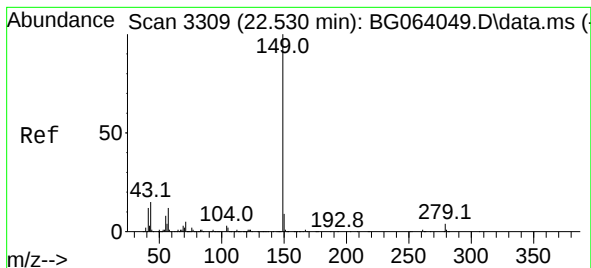
Ion Ratio Lower Upper

149 100

167 24.6 21.0 31.6

279 3.3 2.8 4.2

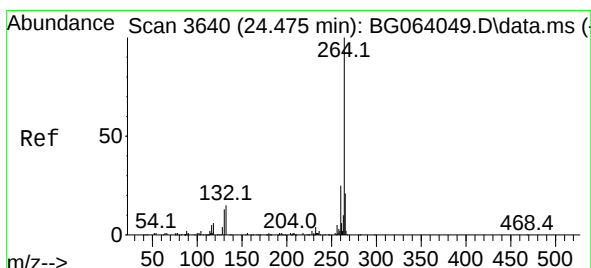
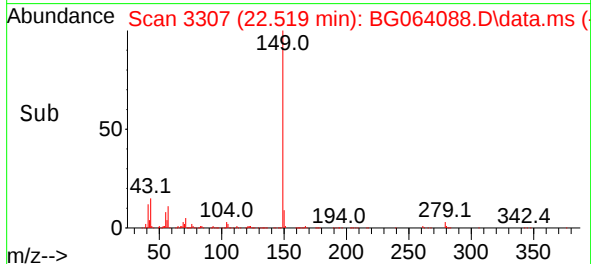
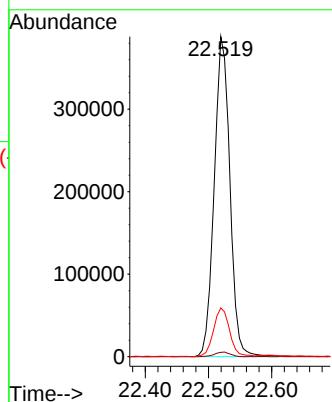
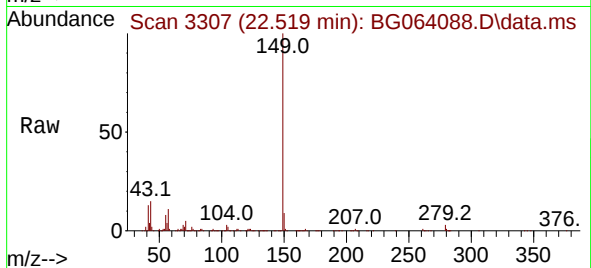




#85
Di-n-octyl phthalate
Concen: 47.385 ng
RT: 22.519 min Scan# 3309
Delta R.T. -0.011 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

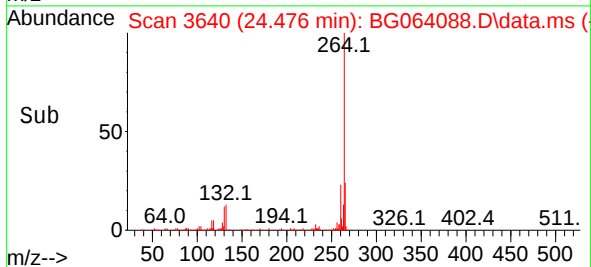
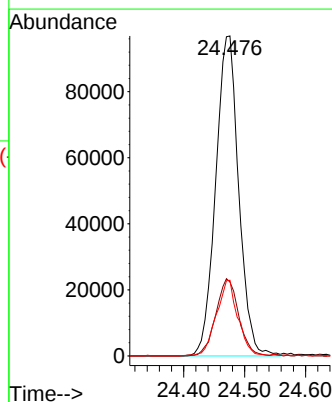
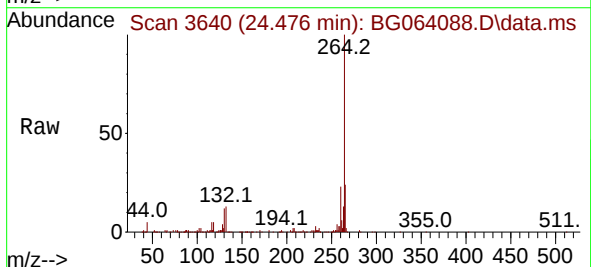
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

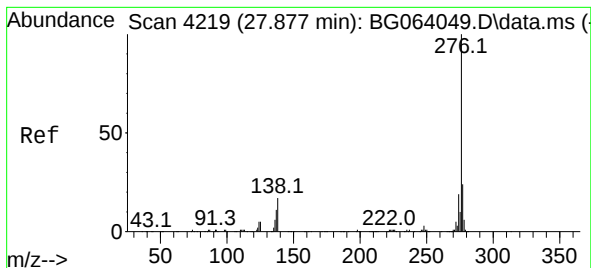
Tgt Ion:149 Resp: 667371
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 15.7 12.6 19.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.476 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BG064088.D
Acq: 11 Mar 2025 9:44

Tgt Ion:264 Resp: 254547
Ion Ratio Lower Upper
264 100
260 23.1 19.6 29.4
265 23.6 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.914 ng

RT: 27.872 min Scan# 41

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

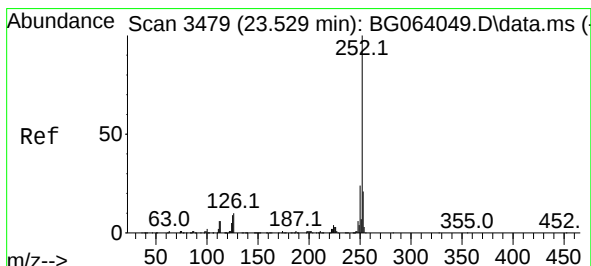
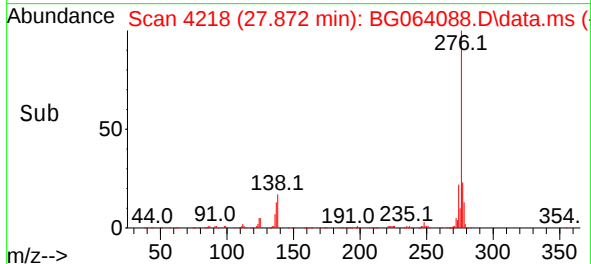
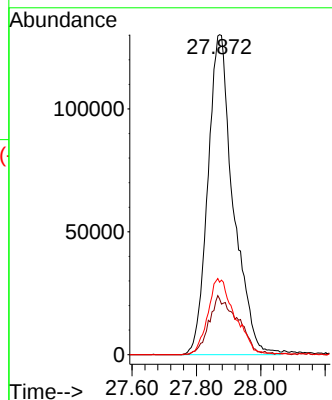
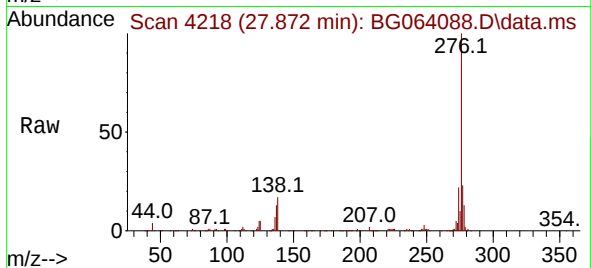
Tgt Ion:276 Resp: 713846

Ion Ratio Lower Upper

276 100

138 20.6 12.1 18.1#

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 40.718 ng

RT: 23.524 min Scan# 3478

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

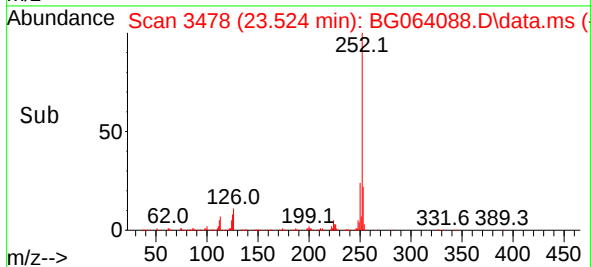
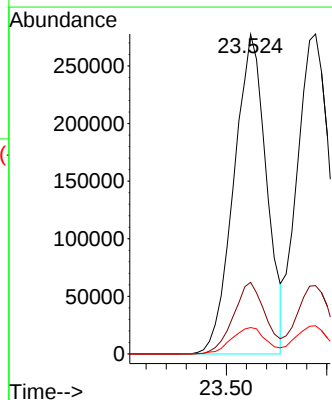
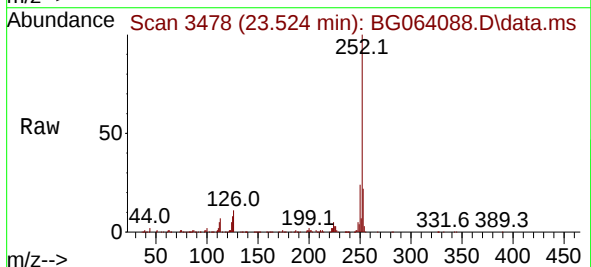
Tgt Ion:252 Resp: 626576

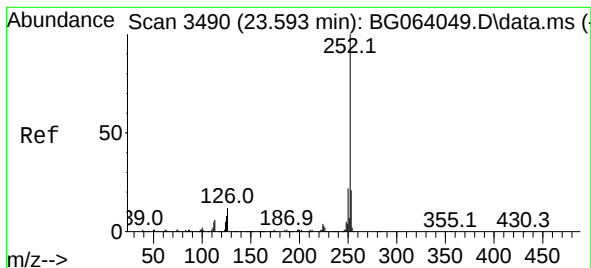
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 8.2 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 41.340 ng

RT: 23.589 min Scan# 3490

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

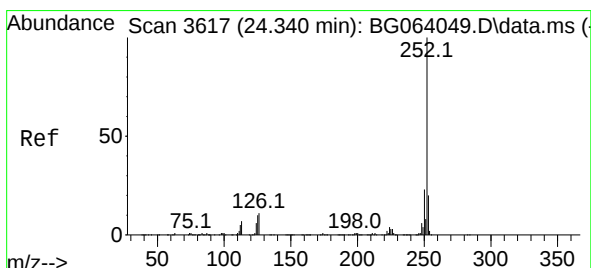
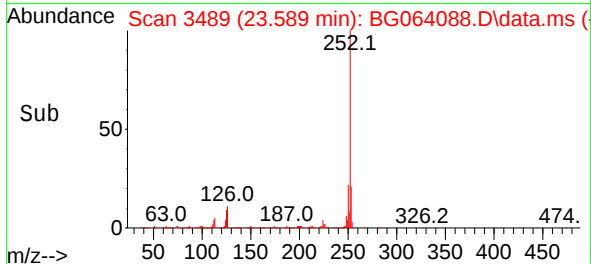
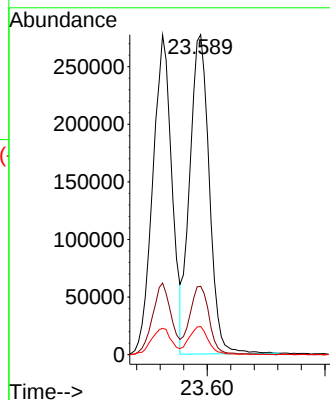
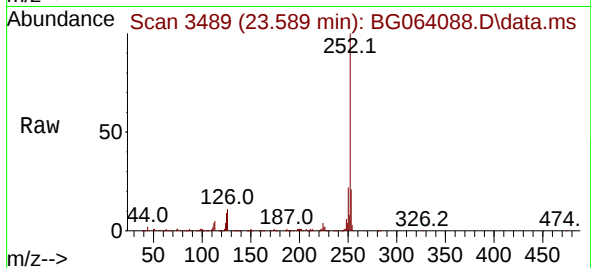
Tgt Ion:252 Resp: 638186

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

125 8.8 6.9 10.3



#90

Benzo(a)pyrene

Concen: 41.085 ng

RT: 24.335 min Scan# 3616

Delta R.T. -0.005 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

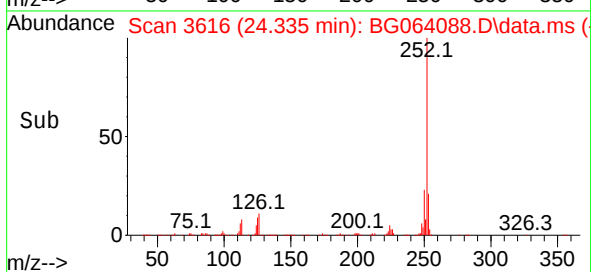
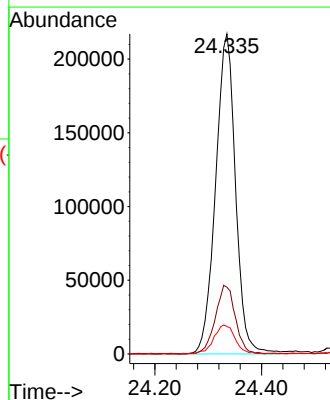
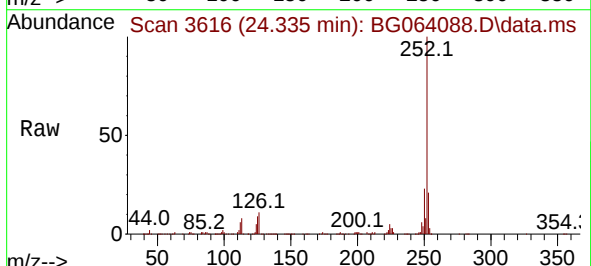
Tgt Ion:252 Resp: 563063

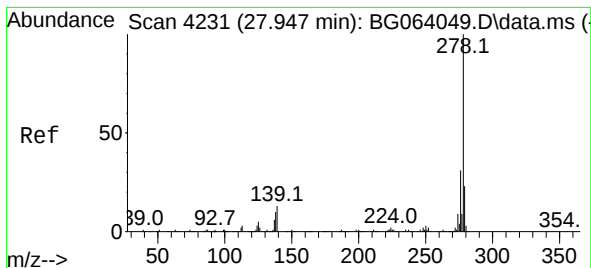
Ion Ratio Lower Upper

252 100

253 20.8 16.2 24.2

125 8.6 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 42.048 ng

RT: 27.931 min Scan# 41

Delta R.T. -0.016 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

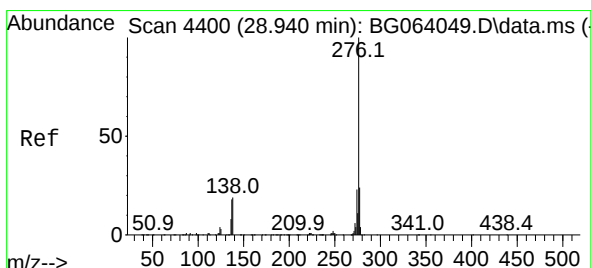
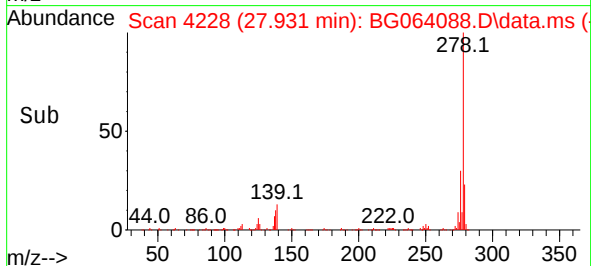
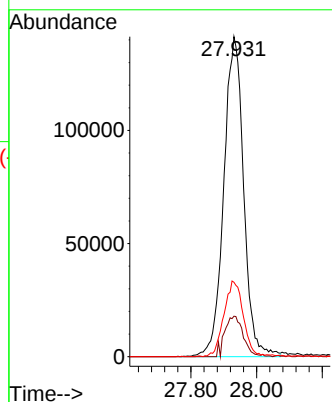
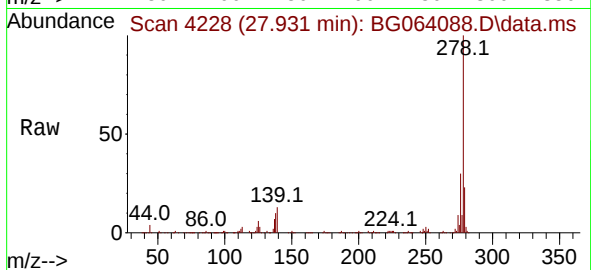
Tgt Ion:278 Resp: 593693

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.2

279 23.3 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 41.225 ng

RT: 28.930 min Scan# 4398

Delta R.T. -0.010 min

Lab File: BG064088.D

Acq: 11 Mar 2025 9:44

Tgt Ion:276 Resp: 597623

Ion Ratio Lower Upper

276 100

277 22.7 19.5 29.3

138 18.4 15.4 23.0

