

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111725\
 Data File : BG064797.D
 Acq On : 17 Nov 2025 23:31
 Operator : RC/JU
 Sample : Q3649-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD

Quant Time: Nov 18 00:25:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	39734	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	157606	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	130879	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	316710	20.000	ng	0.00
76) Chrysene-d12	21.754	240	371983	20.000	ng	0.00
86) Perylene-d12	25.009	264	376972	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	242473	106.561	ng	0.00
7) Phenol-d6	7.312	99	335412	110.828	ng	0.00
23) Nitrobenzene-d5	9.327	82	219027	68.711	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	264438	103.598	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	601736	64.153	ng	0.00
79) Terphenyl-d14	20.091	244	1364576	72.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.528	88	32904	37.353	ng	93
3) Pyridine	3.933	79	93203	35.510	ng	97
4) n-Nitrosodimethylamine	3.845	42	55812	41.779	ng	82
6) Aniline	7.476	93	92542	22.941	ng	99
8) 2-Chlorophenol	7.723	128	116122	46.477	ng	99
9) Benzaldehyde	7.288	77	61058	30.820	ng	97
10) Phenol	7.335	94	161413	49.019	ng	98
11) bis(2-Chloroethyl)ether	7.570	93	104673	44.671	ng	96
12) 1,3-Dichlorobenzene	8.052	146	127073	44.200	ng	100
13) 1,4-Dichlorobenzene	8.199	146	133138	45.479	ng	97
14) 1,2-Dichlorobenzene	8.522	146	128179	45.157	ng	97
15) Benzyl Alcohol	8.393	79	117628	47.351	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.687	45	225270	40.617	ng	97
17) 2-Methylphenol	8.598	107	109252	46.891	ng	96
18) Hexachloroethane	9.262	117	47878	43.181	ng	99
19) n-Nitroso-di-n-propyla...	8.969	70	91499	44.714	ng	91
20) 3+4-Methylphenols	8.927	107	147994	46.366	ng	93
22) Acetophenone	8.986	105	190455	44.355	ng	99
24) Nitrobenzene	9.368	77	141359	43.889	ng	96
25) Isophorone	9.897	82	260037	42.838	ng	99
26) 2-Nitrophenol	10.085	139	68781	47.477	ng	96
27) 2,4-Dimethylphenol	10.138	122	116963	45.445	ng	98
28) bis(2-Chloroethoxy)met...	10.373	93	149556	44.877	ng	99
29) 2,4-Dichlorophenol	10.620	162	134228	48.577	ng	97
30) 1,2,4-Trichlorobenzene	10.843	180	153051	45.870	ng	99
31) Naphthalene	11.031	128	384335	43.018	ng	100
32) Benzoic acid	10.273	122	79110	44.097	ng	99
33) 4-Chloroaniline	11.125	127	37251	10.423	ng	96
34) Hexachlorobutadiene	11.319	225	119748	41.828	ng	97
35) Caprolactam	11.895	113	22803	27.591	ng	# 89
36) 4-Chloro-3-methylphenol	12.235	107	141639	46.053	ng	97
37) 2-Methylnaphthalene	12.623	142	263299	39.382	ng	97
38) 1-Methylnaphthalene	12.840	142	275084	41.420	ng	97
40) 1,2,4,5-Tetrachloroben...	12.987	216	217214	42.646	ng	98
41) Hexachlorocyclopentadiene	12.970	237	292272	80.056	ng	96
43) 2,4,6-Trichlorophenol	13.217	196	138889	46.460	ng	98

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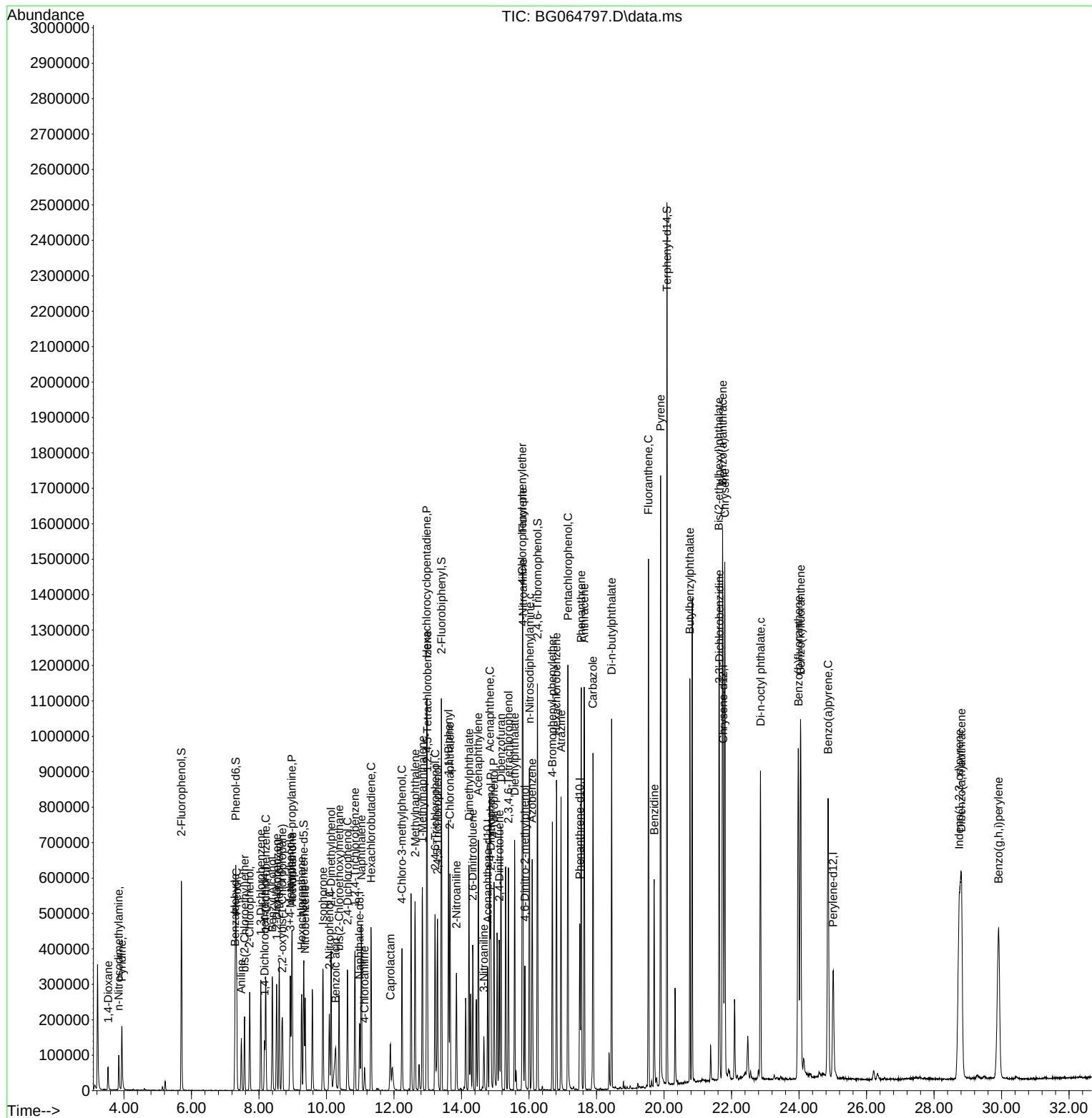
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
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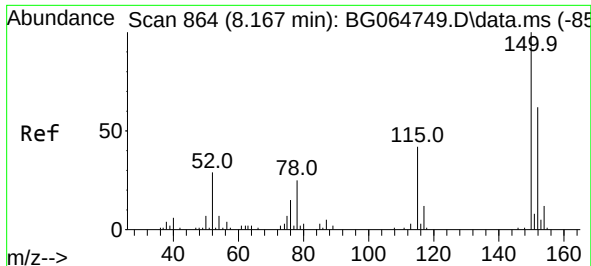
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	155253	46.305	ng	99
46) 1,1'-Biphenyl	13.616	154	412233	43.854	ng	98
47) 2-Chloronaphthalene	13.657	162	317228	42.836	ng	100
48) 2-Nitroaniline	13.851	65	107396	45.087	ng	99
49) Acenaphthylene	14.497	152	555917	43.939	ng	99
50) Dimethylphthalate	14.221	163	445893	43.129	ng	98
51) 2,6-Dinitrotoluene	14.333	165	95233	47.870	ng	95
52) Acenaphthene	14.838	154	380997	50.224	ng	99
53) 3-Nitroaniline	14.662	138	39171	19.950	ng	88
54) 2,4-Dinitrophenol	14.868	184	127379	92.027	ng	98
55) Dibenzofuran	15.167	168	535479	42.697	ng	97
56) 4-Nitrophenol	14.962	139	151190	97.051	ng	94
57) 2,4-Dinitrotoluene	15.120	165	136738	45.847	ng	97
58) Fluorene	15.813	166	419937	42.693	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.390	232	163314	49.368	ng	96
60) Diethylphthalate	15.573	149	428865	43.303	ng	100
61) 4-Chlorophenyl-phenyle...	15.802	204	250106	42.369	ng	99
62) 4-Nitroaniline	15.819	138	87679	43.104	ng	90
63) Azobenzene	16.090	77	401300	48.715	ng	97
65) 4,6-Dinitro-2-methylph...	15.878	198	92402	52.548	ng	96
66) n-Nitrosodiphenylamine	16.013	169	385312	46.447	ng	98
67) 4-Bromophenyl-phenylether	16.689	248	187577	45.100	ng	98
68) Hexachlorobenzene	16.812	284	222617	44.179	ng	95
69) Atrazine	16.947	200	178444	44.615	ng	99
70) Pentachlorophenol	17.153	266	282935	93.741	ng	99
71) Phenanthrene	17.547	178	762183	43.985	ng	99
72) Anthracene	17.635	178	774717	43.846	ng	98
73) Carbazole	17.893	167	668855	44.034	ng	99
74) Di-n-butylphthalate	18.446	149	753338	44.454	ng	99
75) Fluoranthene	19.539	202	986166	41.618	ng	99
77) Benzidine	19.709	184	404443	36.305	ng	98
78) Pyrene	19.897	202	1015709	48.720	ng	99
80) Butylbenzylphthalate	20.766	149	347928	47.447	ng	97
81) Benzo(a)anthracene	21.736	228	1103366	43.623	ng	99
82) 3,3'-Dichlorobenzidine	21.642	252	172582	18.538	ng	96
83) Chrysene	21.801	228	1035528	43.425	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	488553	45.593	ng	99
85) Di-n-octyl phthalate	22.858	149	815867	44.047	ng	98
87) Indeno(1,2,3-cd)pyrene	28.745	276	1231434	47.547	ng	# 98
88) Benzo(b)fluoranthene	23.980	252	1062278	44.280	ng	99
89) Benzo(k)fluoranthene	24.045	252	1078196	44.736	ng	100
90) Benzo(a)pyrene	24.862	252	1007629	45.279	ng	99
91) Dibenzo(a,h)anthracene	28.810	278	1015062	47.842	ng	96
92) Benzo(g,h,i)perylene	29.915	276	974807	47.739	ng	99

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

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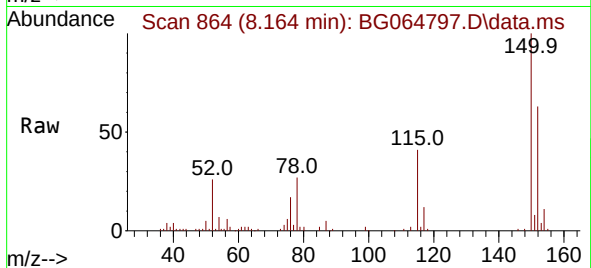
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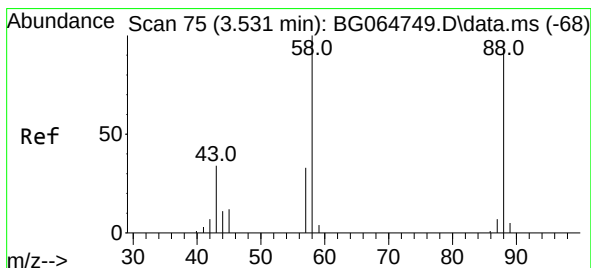
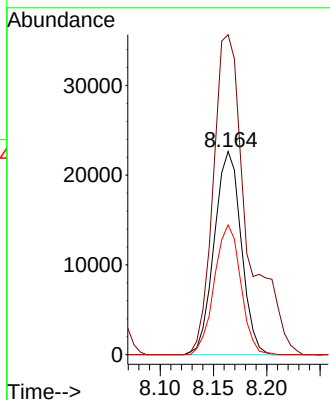
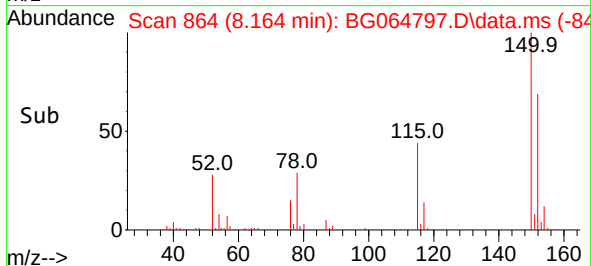


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064797.D
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Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

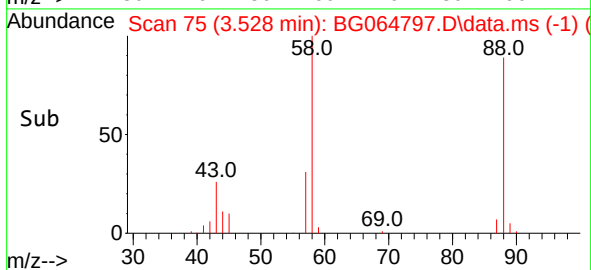
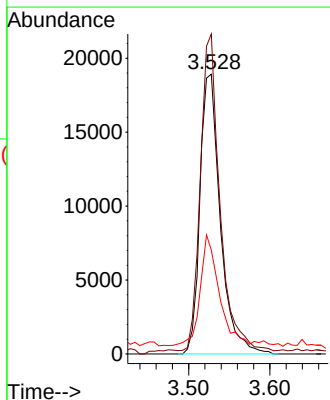
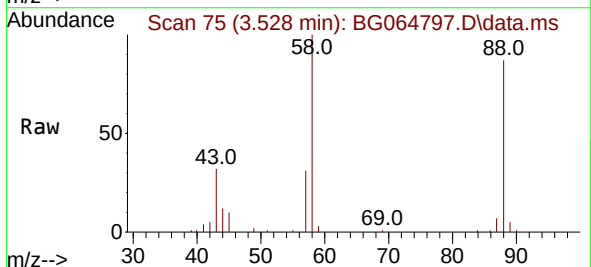


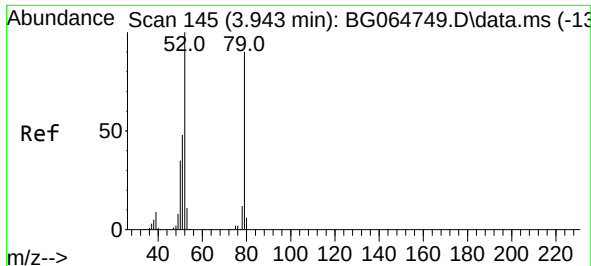
Tgt Ion:152 Resp: 39734
Ion Ratio Lower Upper
152 100
150 157.5 129.2 193.8
115 63.8 53.7 80.5



#2
1,4-Dioxane
Concen: 37.353 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 88 Resp: 32904
Ion Ratio Lower Upper
88 100
58 114.8 84.6 126.8
43 36.4 30.0 45.0





#3

Pyridine

Concen: 35.510 ng

RT: 3.933 min Scan# 145

Delta R.T. -0.010 min

Lab File: BG064797.D

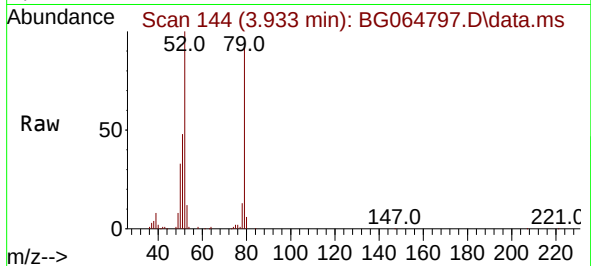
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



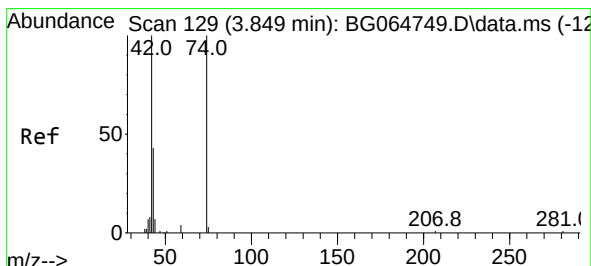
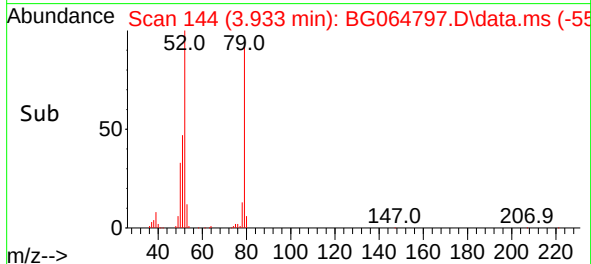
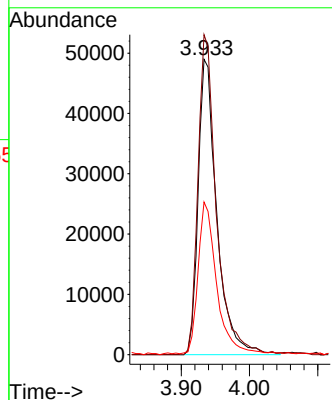
Tgt Ion: 79 Resp: 93203

Ion Ratio Lower Upper

79 100

52 108.3 89.0 133.4

51 51.7 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 41.779 ng

RT: 3.845 min Scan# 129

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

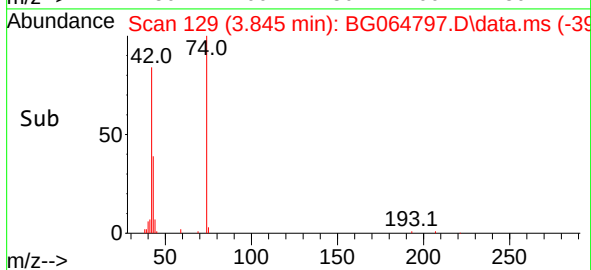
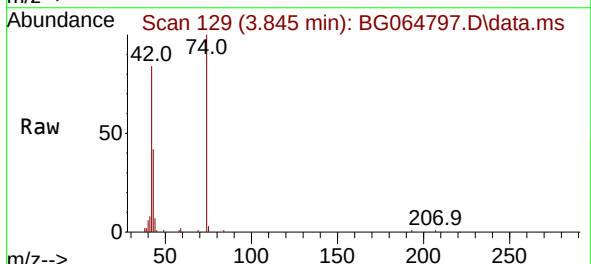
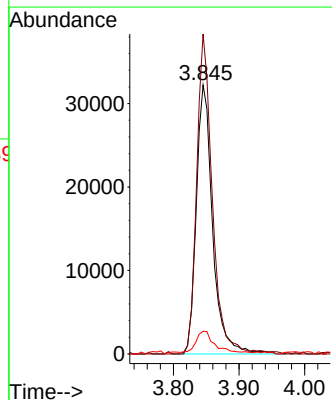
Tgt Ion: 42 Resp: 55812

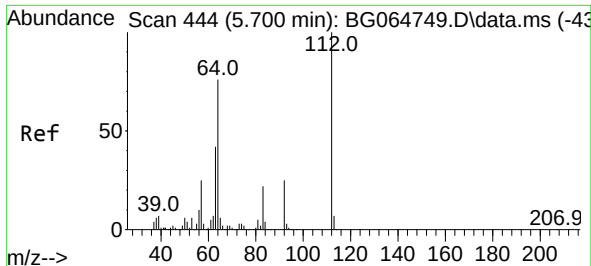
Ion Ratio Lower Upper

42 100

74 119.0 79.8 119.6

44 8.4 5.9 8.9

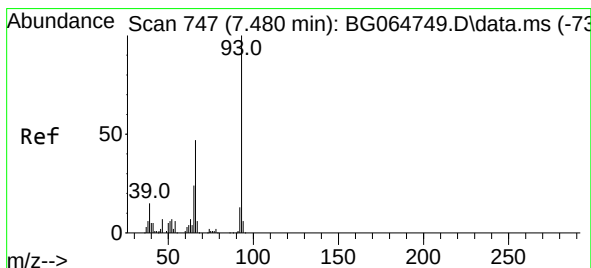
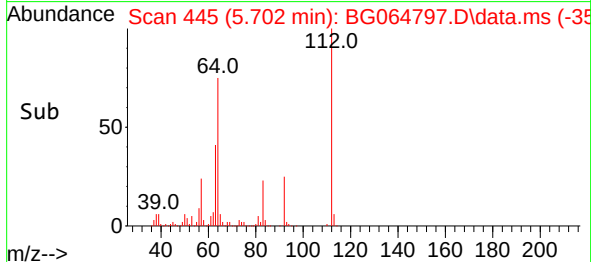
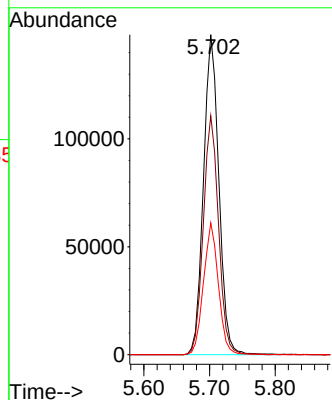
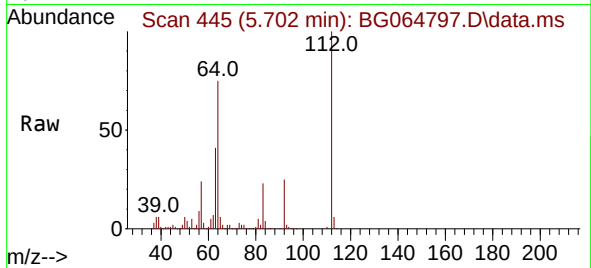




#5
2-Fluorophenol
Concen: 106.561 ng
RT: 5.702 min Scan# 444
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

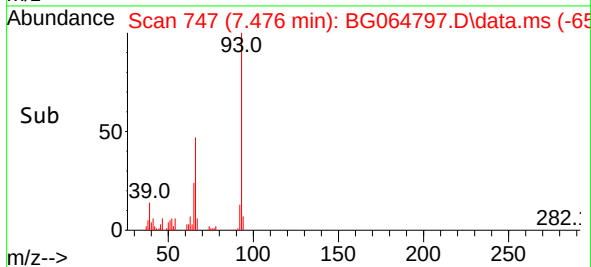
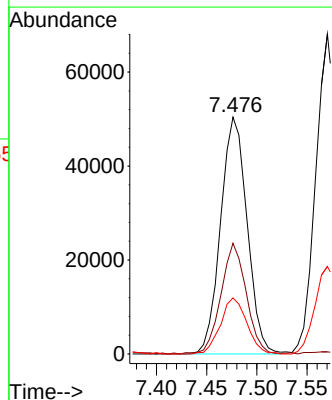
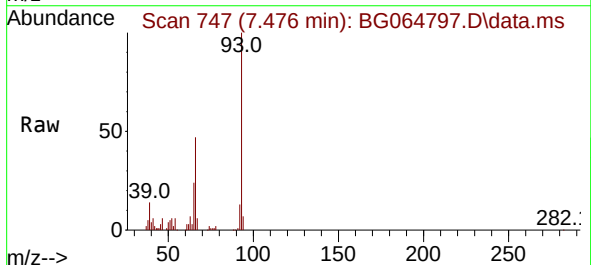
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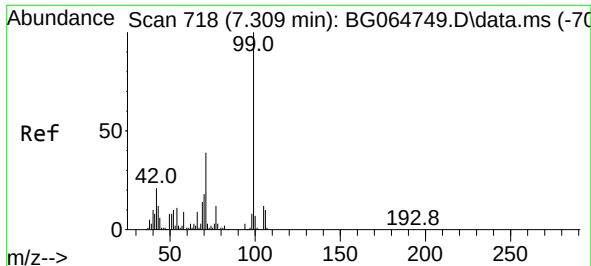
Tgt Ion:112 Resp: 242473
Ion Ratio Lower Upper
112 100
64 74.6 61.0 91.4
63 41.2 33.3 49.9



#6
Aniline
Concen: 22.941 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 93 Resp: 92542
Ion Ratio Lower Upper
93 100
66 46.8 37.7 56.5
65 23.6 19.1 28.7

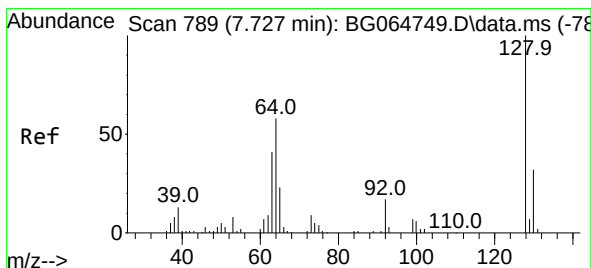
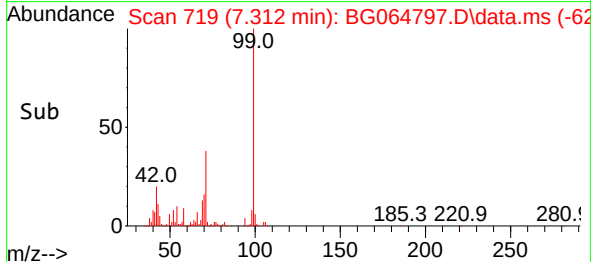
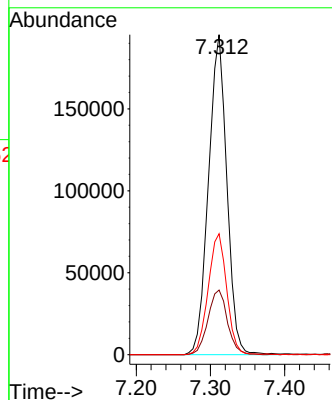
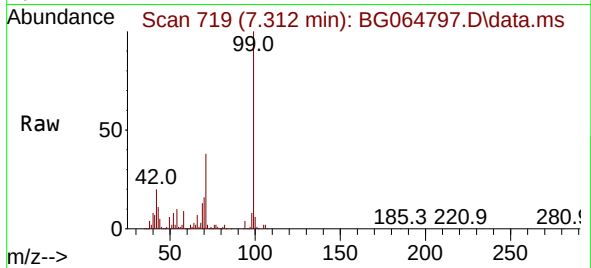




#7
Phenol-d6
Concen: 110.828 ng
RT: 7.312 min Scan# 718
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

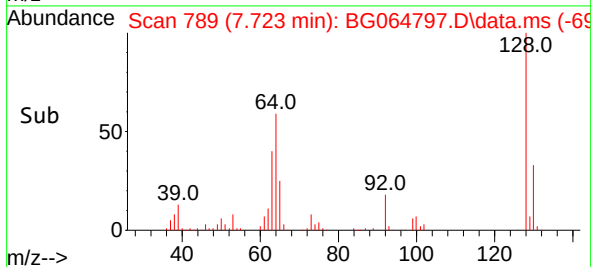
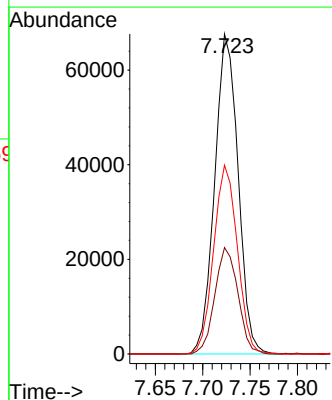
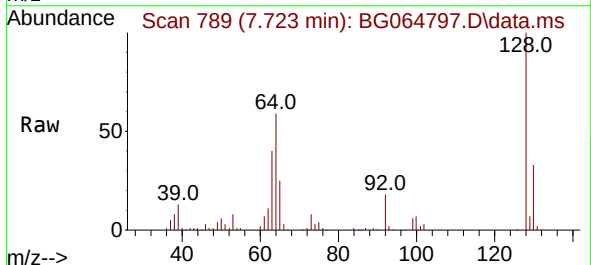
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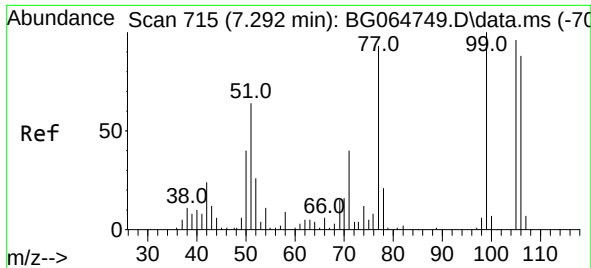
Tgt Ion: 99 Resp: 335412
Ion Ratio Lower Upper
99 100
42 20.2 16.8 25.2
71 37.8 31.1 46.7



#8
2-Chlorophenol
Concen: 46.477 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 128 Resp: 116122
Ion Ratio Lower Upper
128 100
130 33.2 11.9 51.9
64 59.0 38.4 78.4

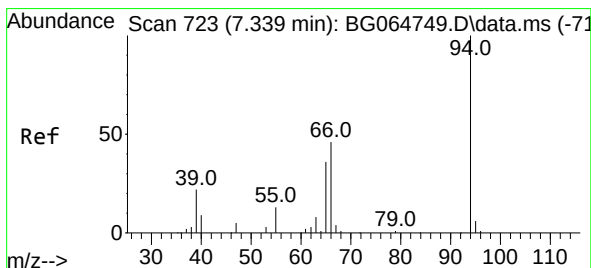
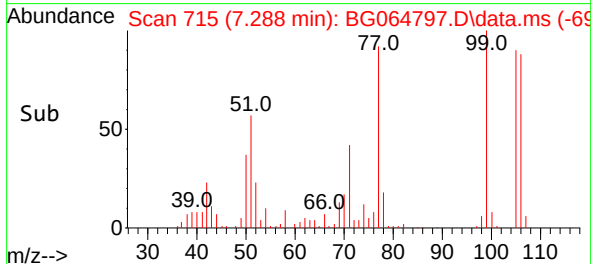
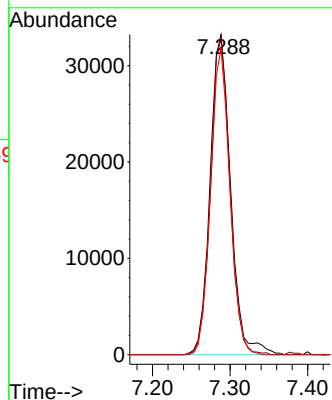
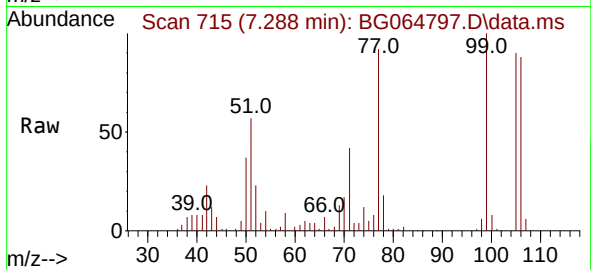




#9
Benzaldehyde
Concen: 30.820 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

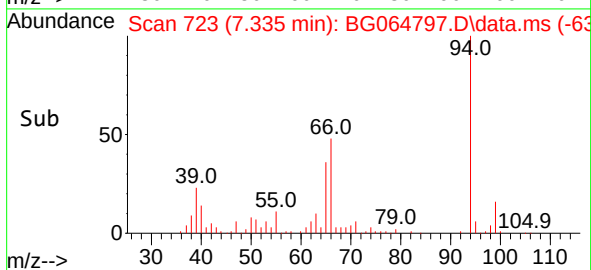
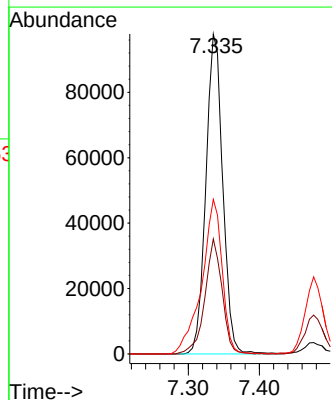
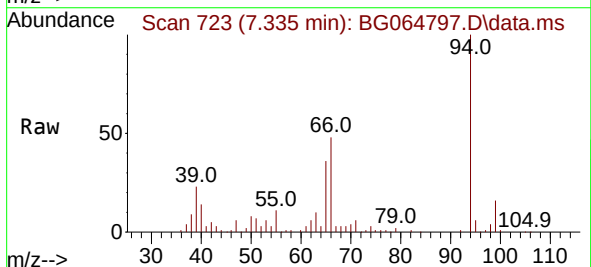
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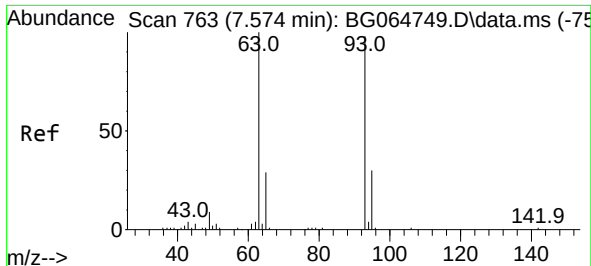
Tgt Ion:	77	Resp:	61058
Ion	Ratio	Lower	Upper
77	100		
105	98.6	83.8	123.8
106	95.7	74.3	114.3



#10
Phenol
Concen: 49.019 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:	94	Resp:	161413
Ion	Ratio	Lower	Upper
94	100		
65	36.0	17.0	57.0
66	48.3	29.8	69.8

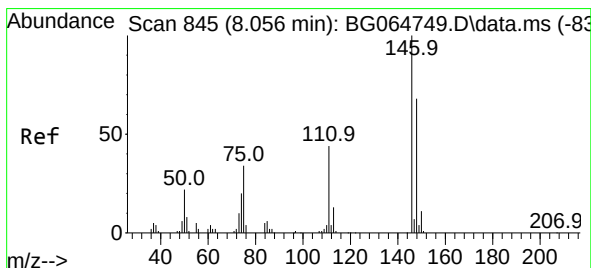
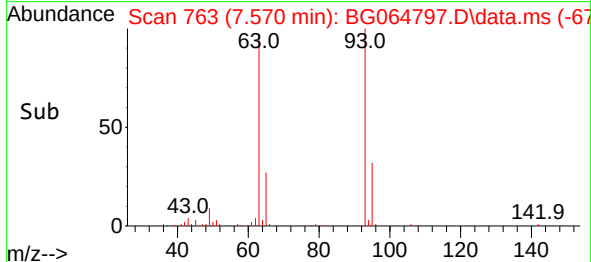
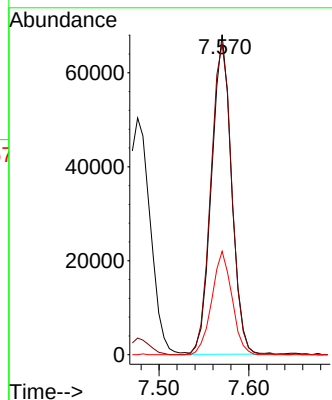
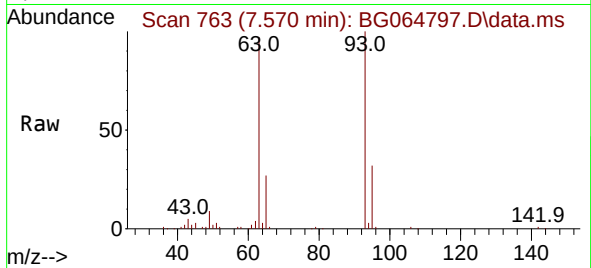




#11
bis(2-Chloroethyl)ether
Concen: 44.671 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

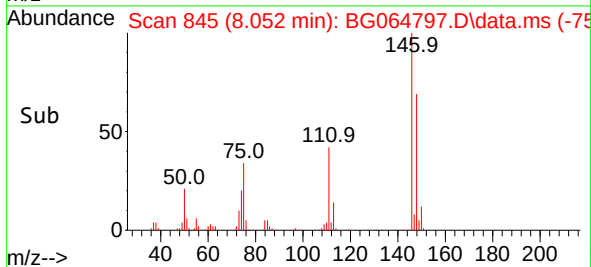
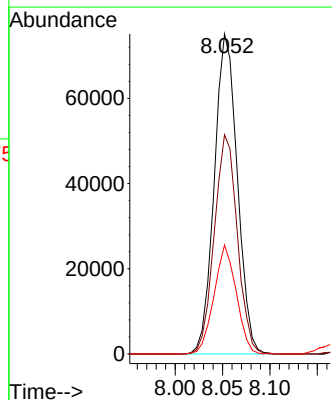
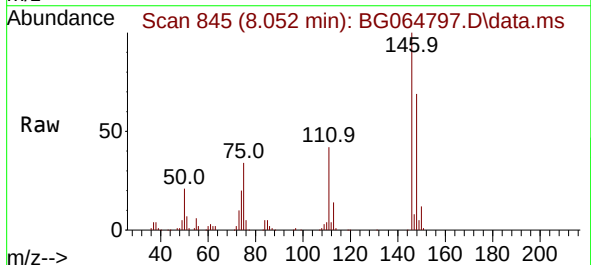
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

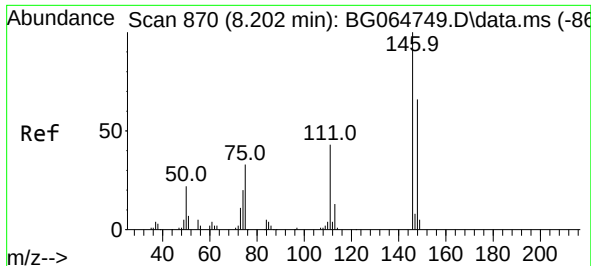
Tgt Ion: 93 Resp: 104673
Ion Ratio Lower Upper
93 100
63 97.0 81.8 121.8
95 32.3 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 44.200 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 146 Resp: 127073
Ion Ratio Lower Upper
146 100
148 68.5 54.6 82.0
75 34.0 27.6 41.4

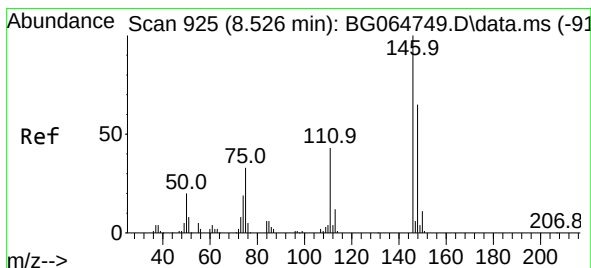
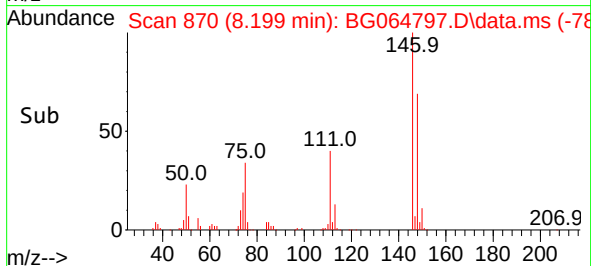
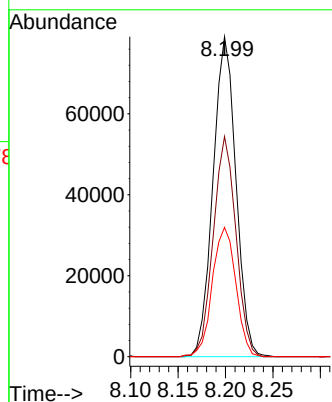
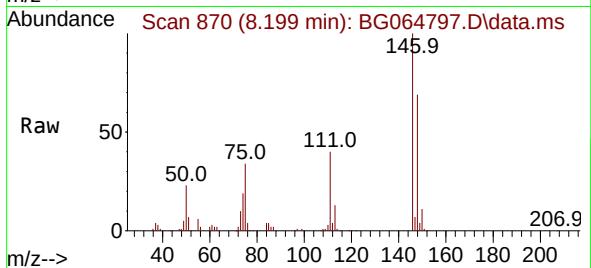




#13
1,4-Dichlorobenzene
Concen: 45.479 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

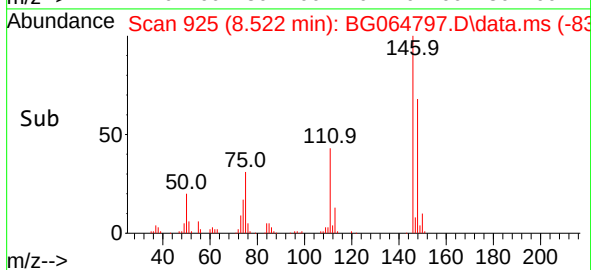
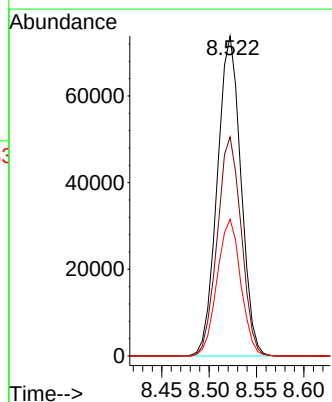
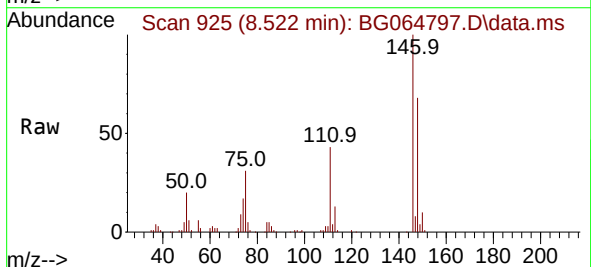
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

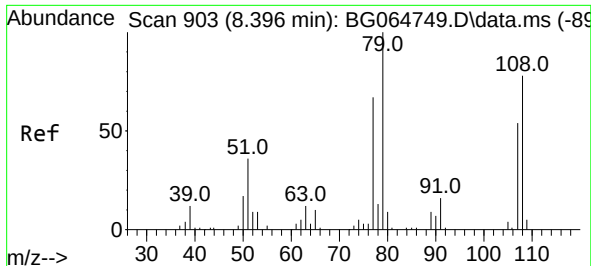
Tgt Ion:146 Resp: 133138
Ion Ratio Lower Upper
146 100
148 68.8 53.1 79.7
111 40.4 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 45.157 ng
RT: 8.522 min Scan# 925
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:146 Resp: 128179
Ion Ratio Lower Upper
146 100
148 68.4 52.0 78.0
111 42.7 34.7 52.1

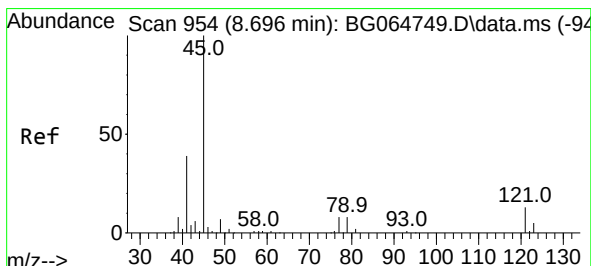
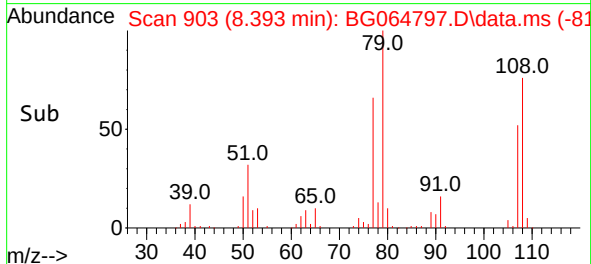
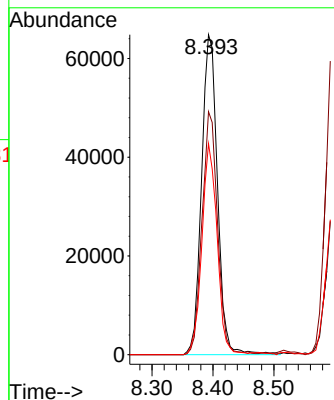
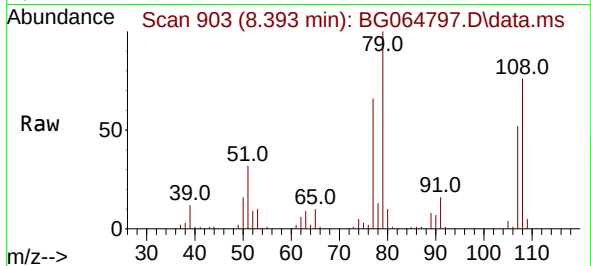




#15
Benzyl Alcohol
Concen: 47.351 ng
RT: 8.393 min Scan# 903
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

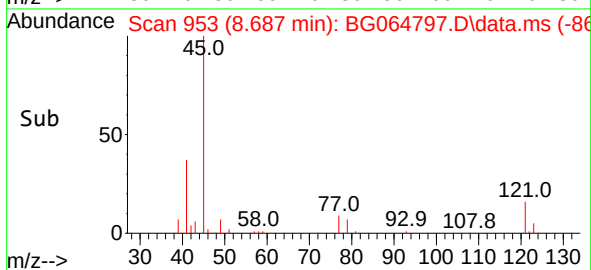
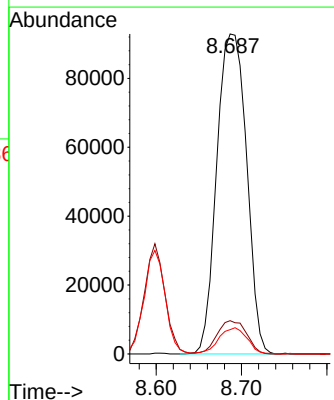
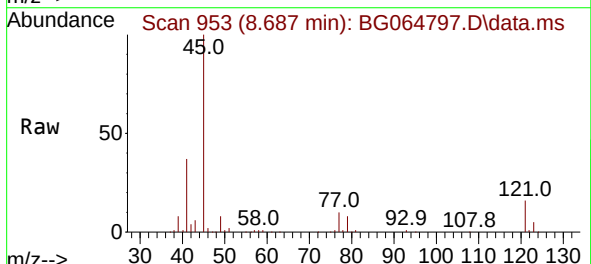
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

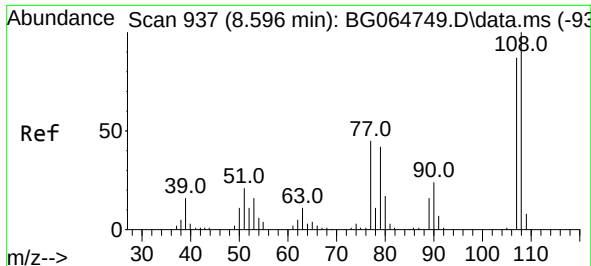
Tgt Ion:	79	Resp:	117628
Ion	Ratio	Lower	Upper
79	100		
108	75.9	62.3	93.5
77	66.0	53.5	80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.617 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.010 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:	45	Resp:	225270
Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	28.8
79	7.6	0.0	28.1





#17

2-Methylphenol

Concen: 46.891 ng

RT: 8.598 min Scan# 91

Delta R.T. 0.002 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

Tgt Ion:107 Resp: 109252

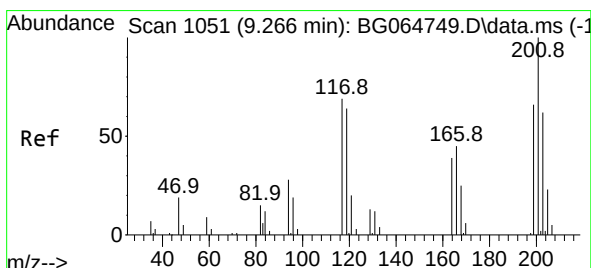
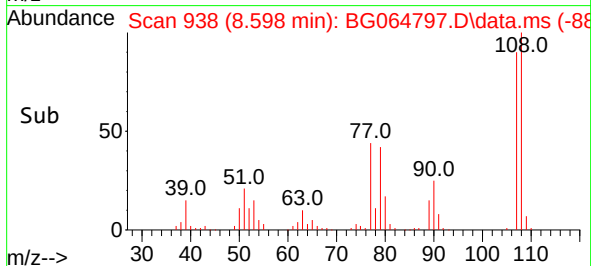
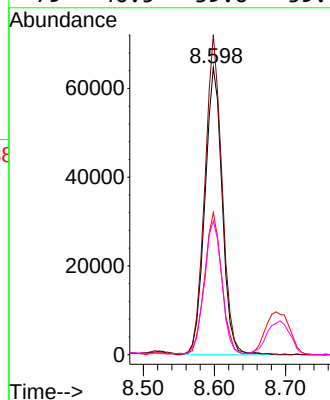
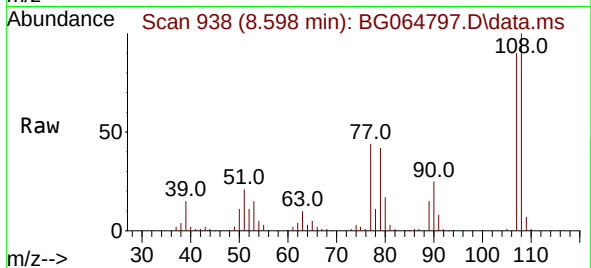
Ion Ratio Lower Upper

107 100

108 111.5 92.6 138.8

77 49.5 41.2 61.8

79 46.5 39.6 59.4



#18

Hexachloroethane

Concen: 43.181 ng

RT: 9.262 min Scan# 1051

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

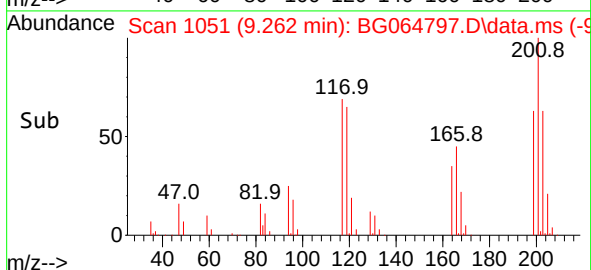
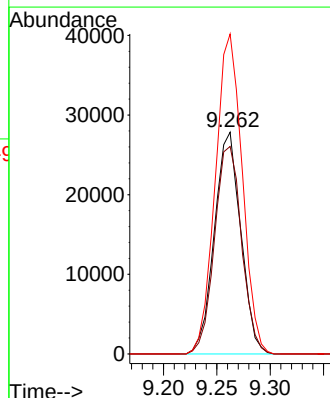
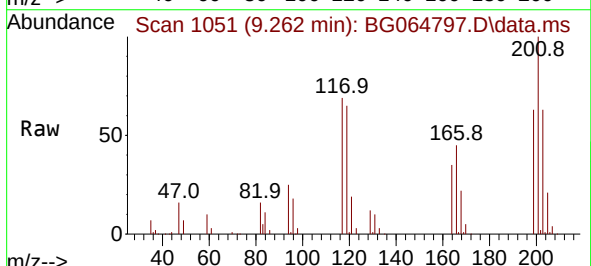
Tgt Ion:117 Resp: 47878

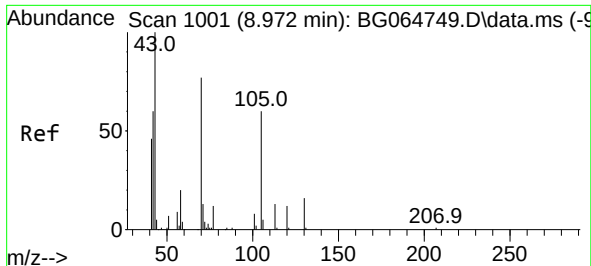
Ion Ratio Lower Upper

117 100

119 93.5 74.4 111.6

201 144.3 116.5 174.7

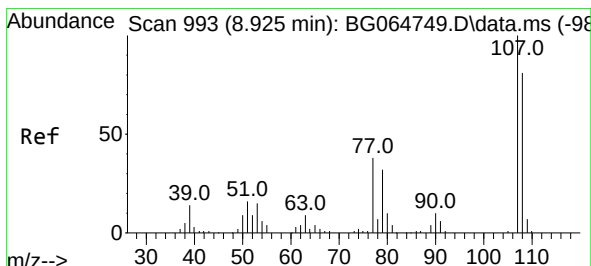
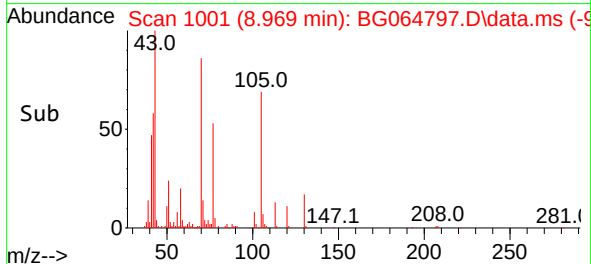
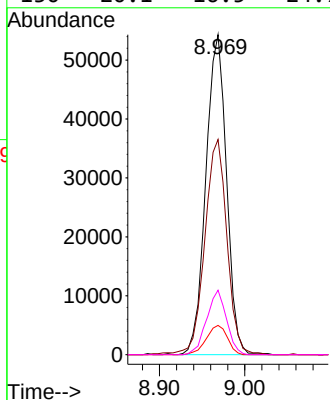
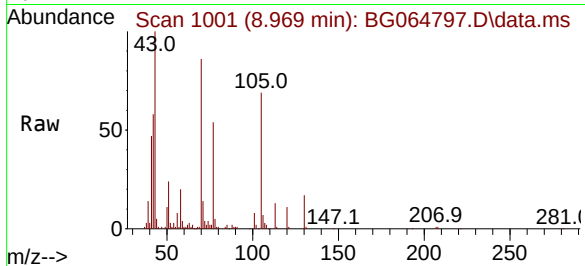




#19
n-Nitroso-di-n-propylamine
Concen: 44.714 ng
RT: 8.969 min Scan# 1001
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

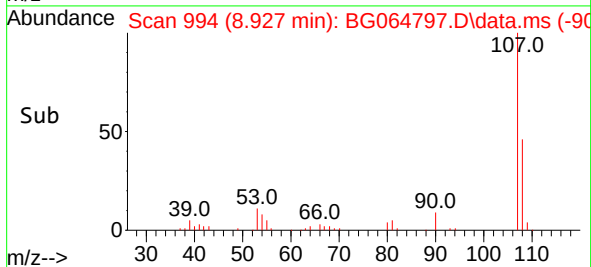
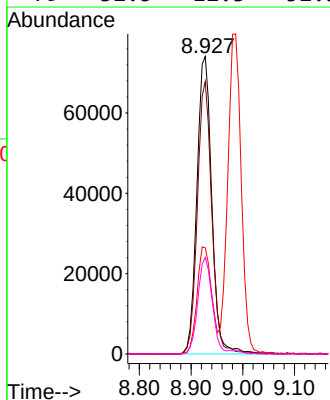
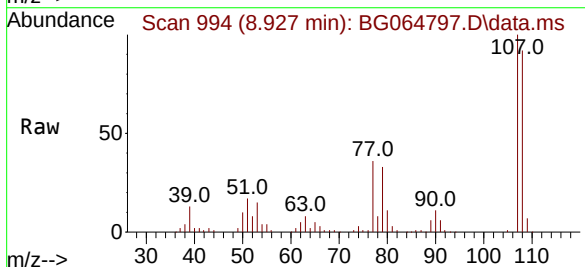
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

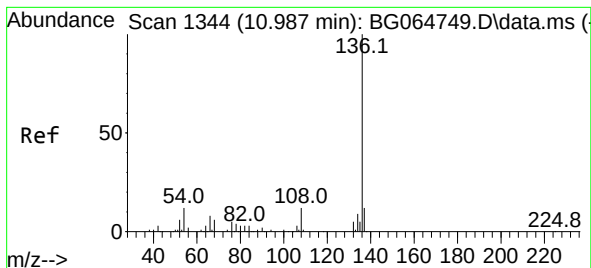
Tgt Ion:	70	Resp:	91499
Ion	Ratio	Lower	Upper
70	100		
42	67.3	62.6	93.8
101	9.1	8.0	12.0
130	20.1	16.5	24.7



#20
3+4-Methylphenols
Concen: 46.366 ng
RT: 8.927 min Scan# 994
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:	107	Resp:	147994
Ion	Ratio	Lower	Upper
107	100		
108	91.5	61.0	101.0
77	35.7	17.6	57.6
79	32.5	12.3	52.3

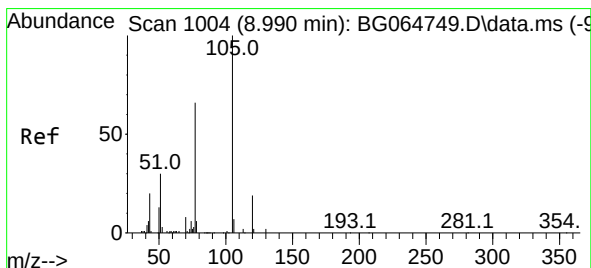
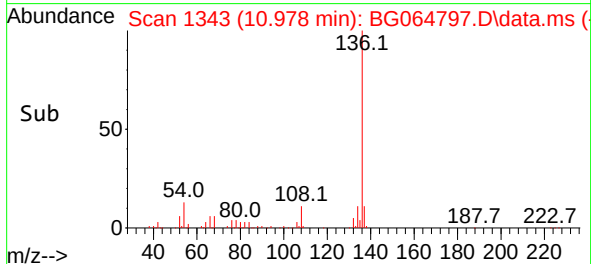
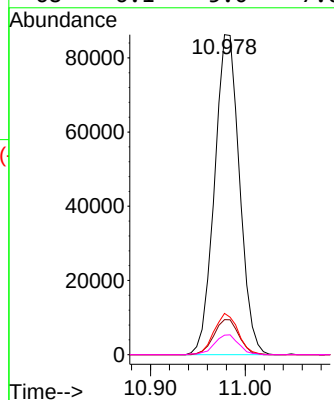
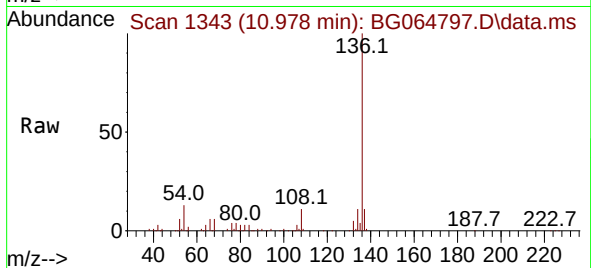




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

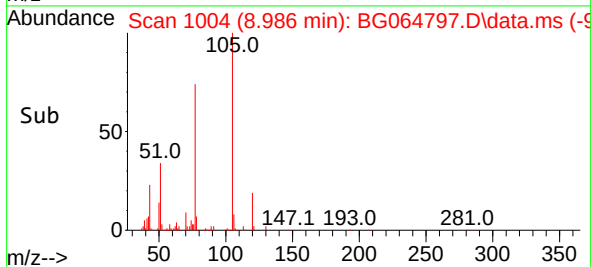
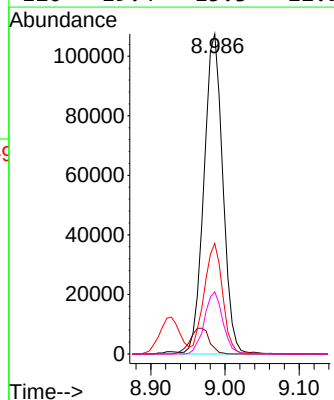
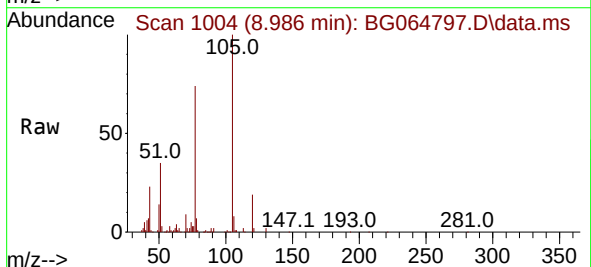
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

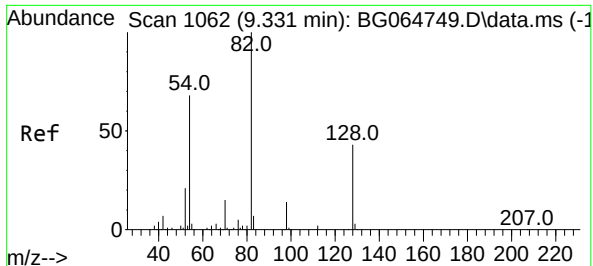
Tgt Ion:	136	Resp:	157606
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.3	13.9
54	12.9	9.3	13.9
68	6.1	5.0	7.6



#22
Acetophenone
Concen: 44.355 ng
RT: 8.986 min Scan# 1004
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:	105	Resp:	190455
Ion Ratio	Lower	Upper	
105	100		
71	1.8	1.3	1.9
51	34.6	27.9	41.9
120	19.4	15.3	22.9

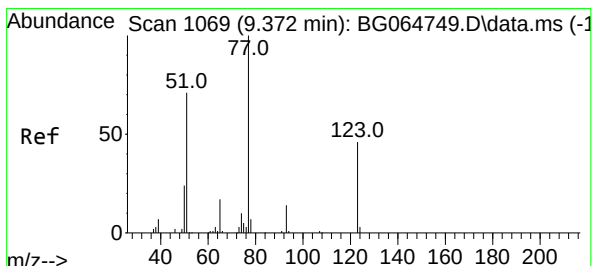
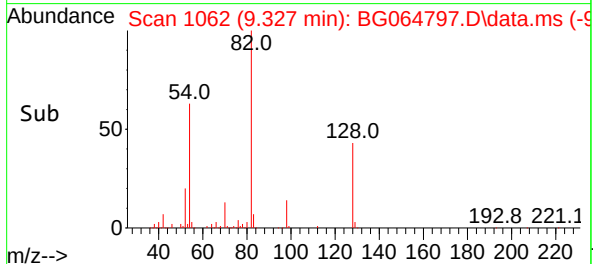
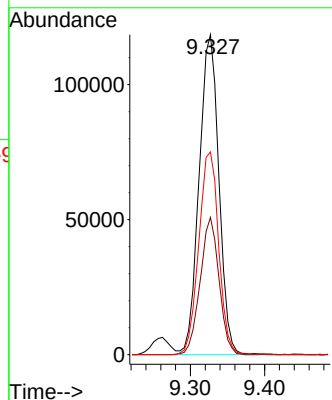
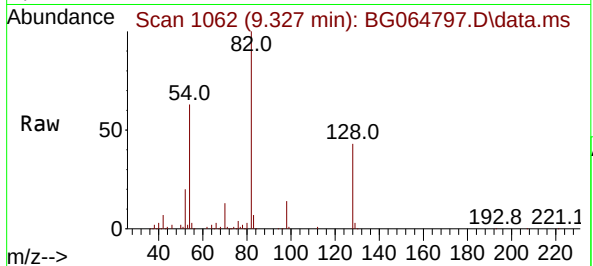




#23
Nitrobenzene-d5
Concen: 68.711 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

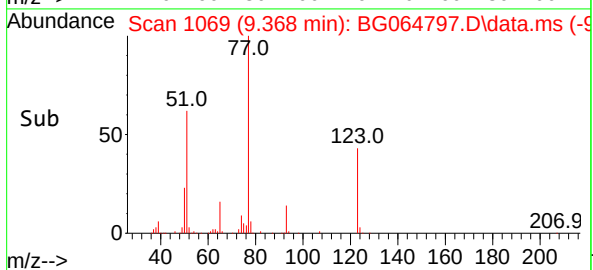
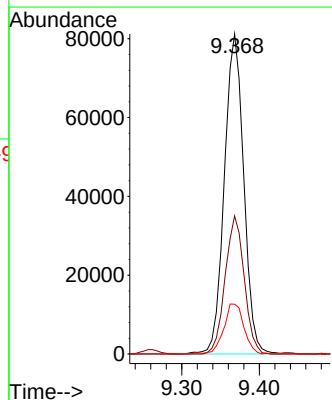
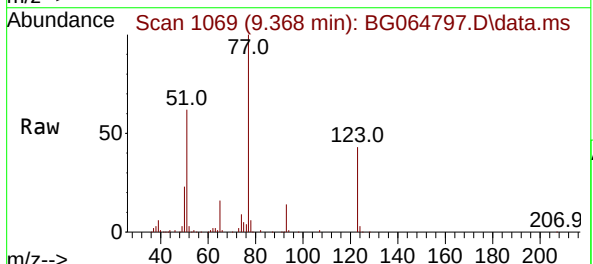
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

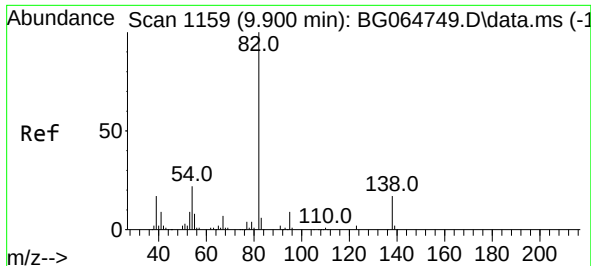
Tgt Ion: 82 Resp: 219027
Ion Ratio Lower Upper
82 100
128 42.9 34.1 51.1
54 63.3 54.3 81.5



#24
Nitrobenzene
Concen: 43.889 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 77 Resp: 141359
Ion Ratio Lower Upper
77 100
123 43.2 36.5 54.7
65 15.5 13.5 20.3

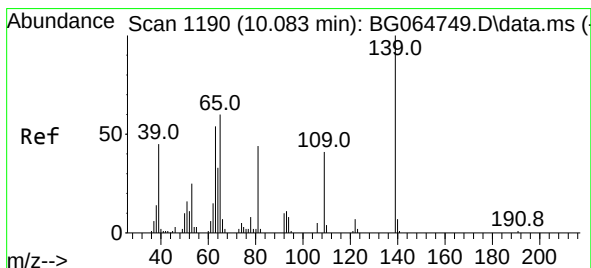
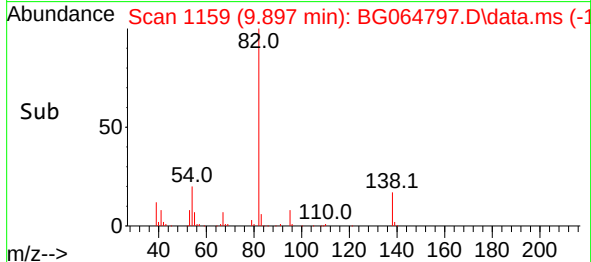
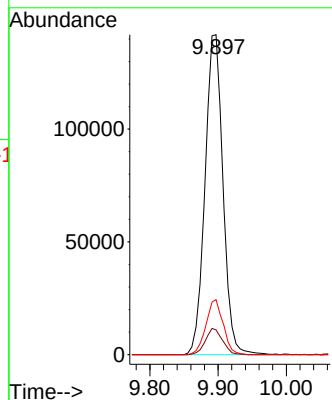
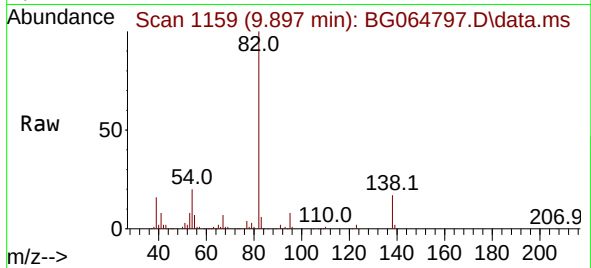




#25
Isophorone
Concen: 42.838 ng
RT: 9.897 min Scan# 1159
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

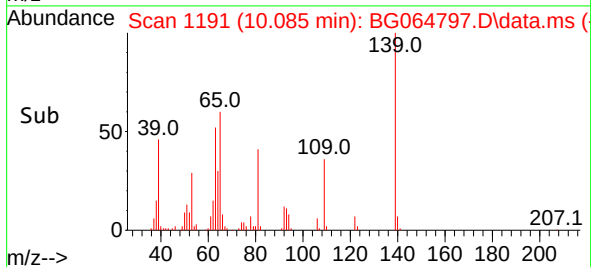
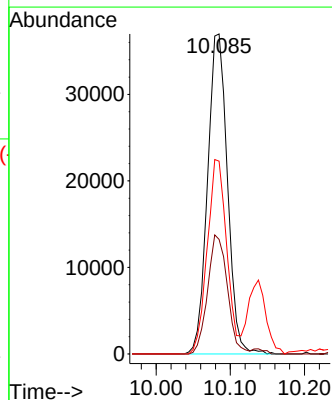
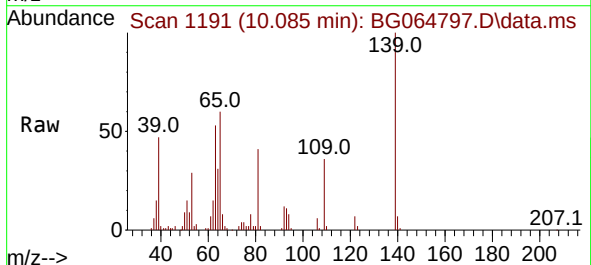
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

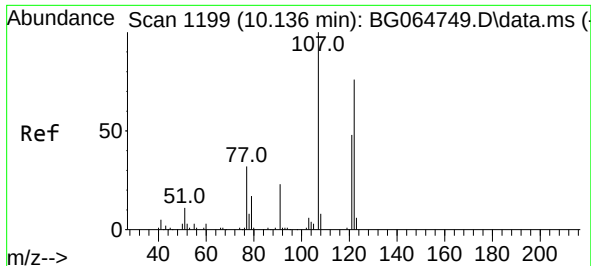
Tgt Ion: 82 Resp: 260037
Ion Ratio Lower Upper
82 100
95 7.7 6.9 10.3
138 17.2 13.9 20.9



#26
2-Nitrophenol
Concen: 47.477 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:139 Resp: 68781
Ion Ratio Lower Upper
139 100
109 35.8 32.5 48.7
65 60.3 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 45.445 ng

RT: 10.138 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

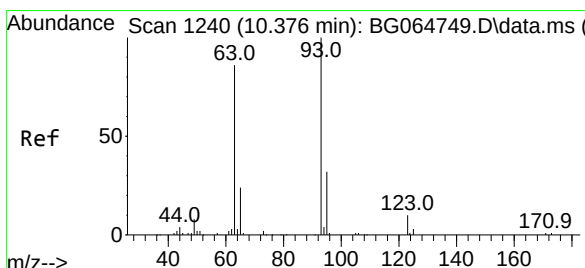
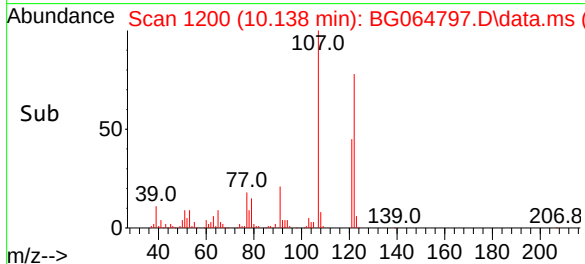
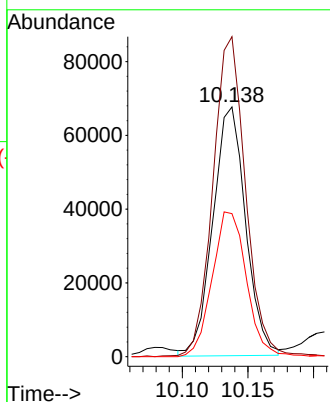
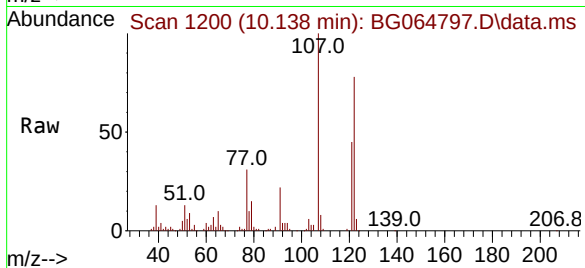
Tgt Ion:122 Resp: 116963

Ion Ratio Lower Upper

122 100

107 128.1 102.5 153.7

121 57.2 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 44.877 ng

RT: 10.373 min Scan# 1240

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

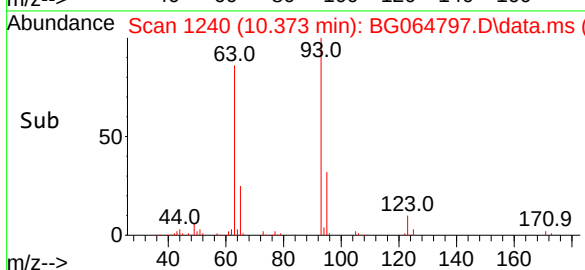
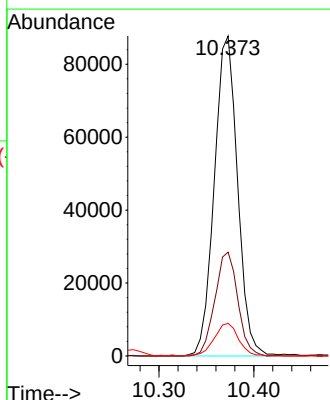
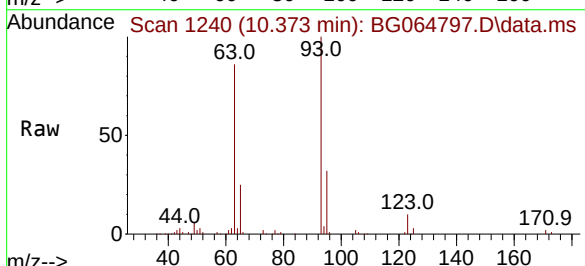
Tgt Ion: 93 Resp: 149556

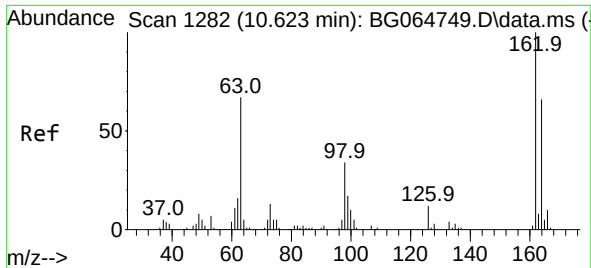
Ion Ratio Lower Upper

93 100

95 32.5 25.4 38.2

123 10.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.577 ng

RT: 10.620 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

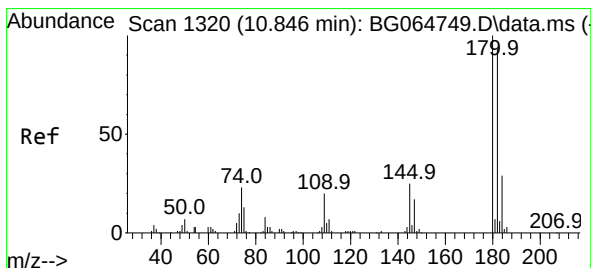
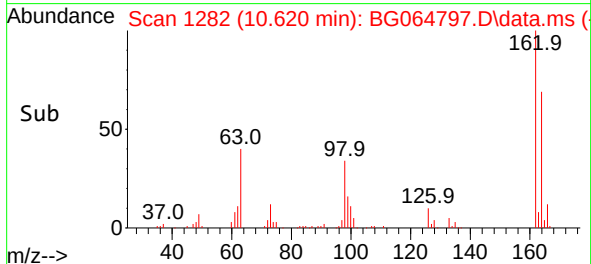
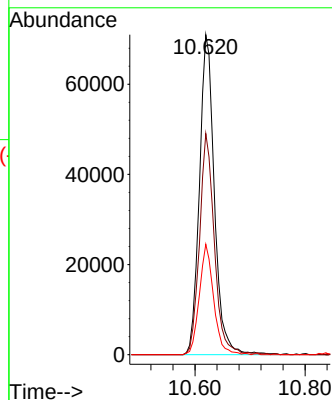
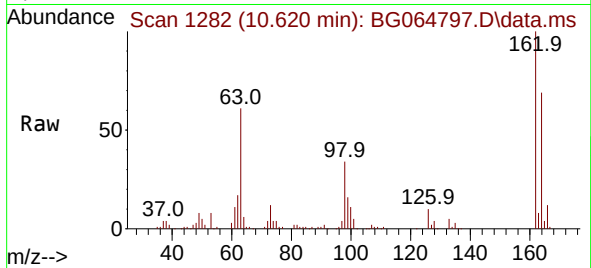
Tgt Ion:162 Resp: 134228

Ion Ratio Lower Upper

162 100

164 69.1 46.0 86.0

98 34.5 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 45.870 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

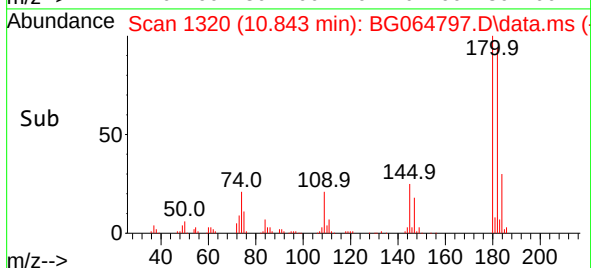
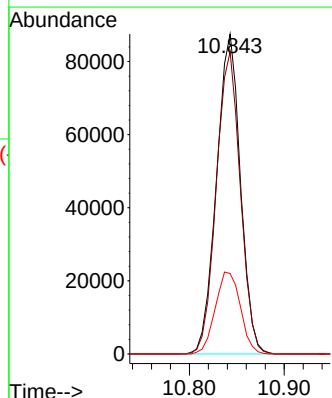
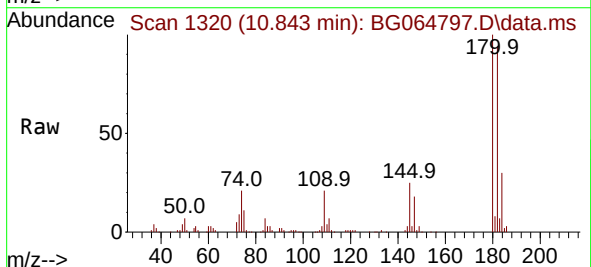
Tgt Ion:180 Resp: 153051

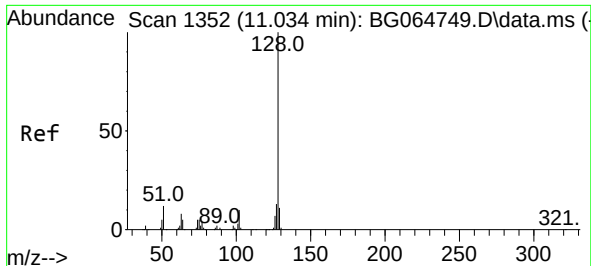
Ion Ratio Lower Upper

180 100

182 94.5 74.2 111.4

145 25.1 20.0 30.0

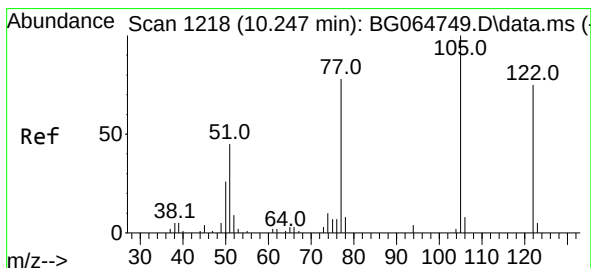
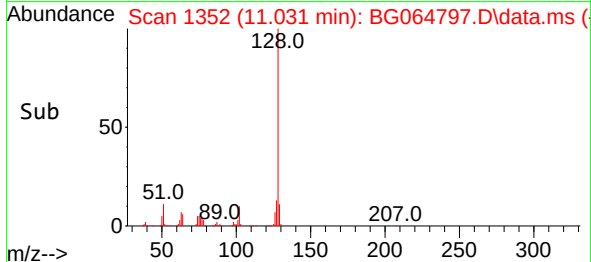
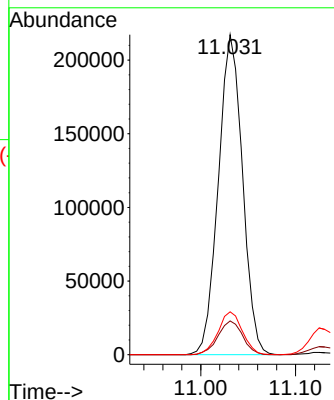
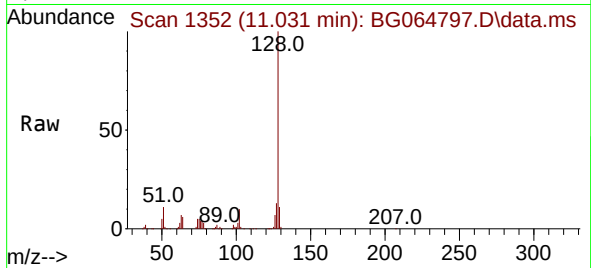




#31
Naphthalene
Concen: 43.018 ng
RT: 11.031 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

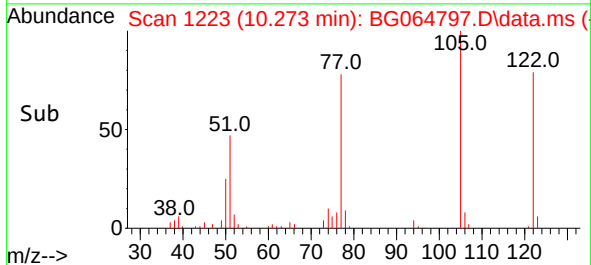
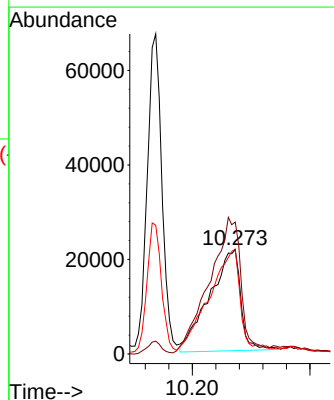
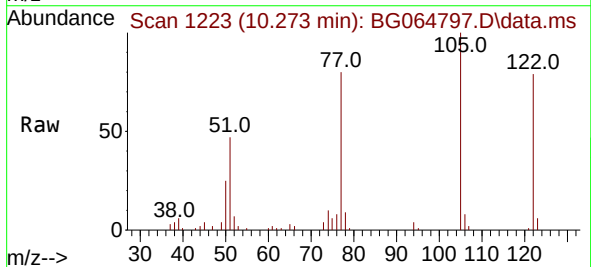
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

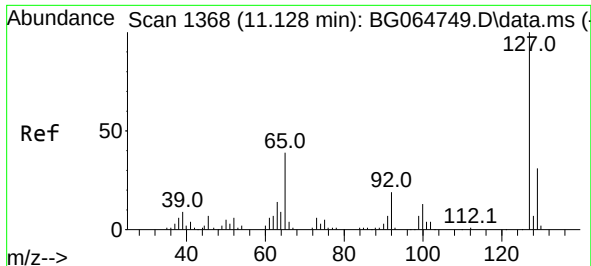
Tgt Ion:128 Resp: 384335
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 44.097 ng
RT: 10.273 min Scan# 1223
Delta R.T. 0.026 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

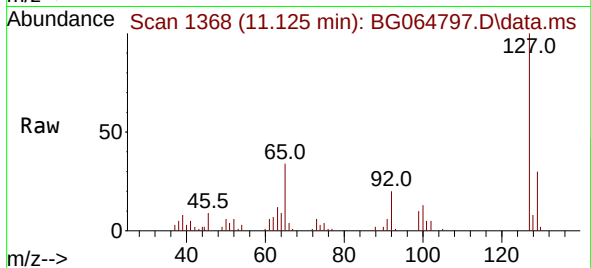
Tgt Ion:122 Resp: 79110
Ion Ratio Lower Upper
122 100
105 126.6 107.6 147.6
77 100.8 82.5 122.5



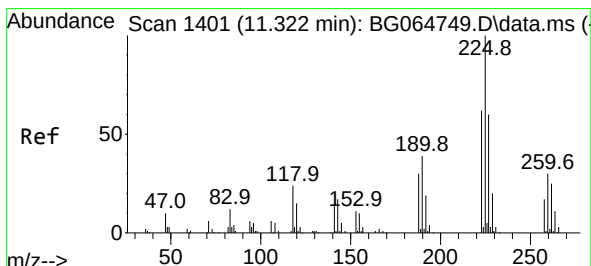
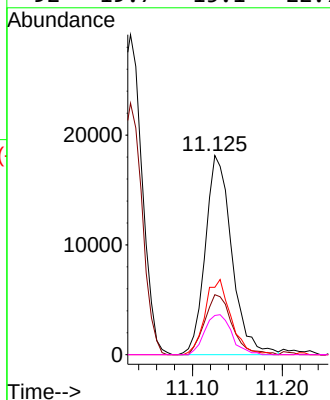
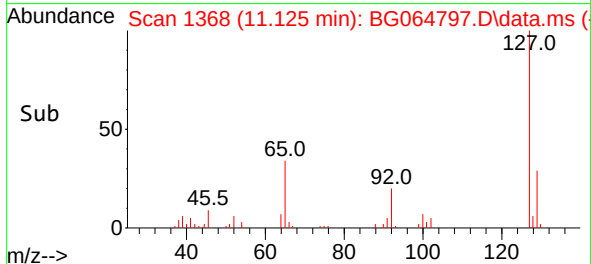


#33
4-Chloroaniline
Concen: 10.423 ng
RT: 11.125 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

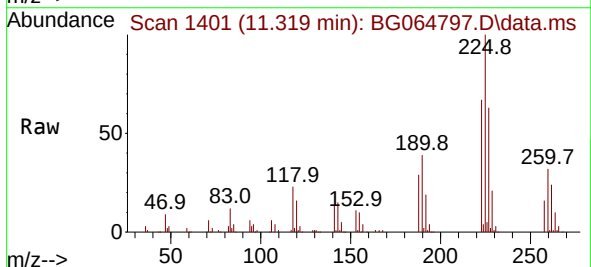
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD



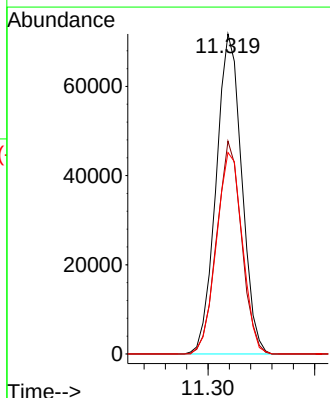
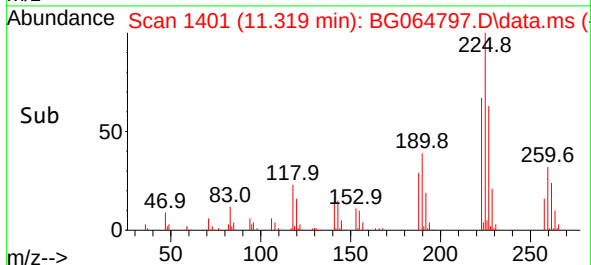
Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.9	37.3
65	33.8	30.9	46.3
92	19.7	15.1	22.7

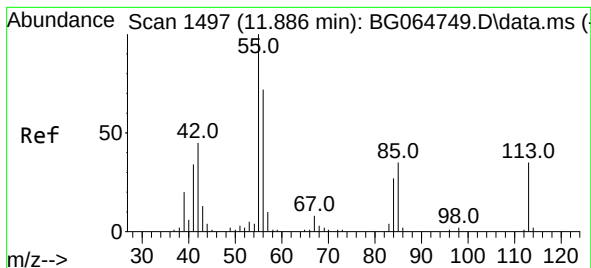


#34
Hexachlorobutadiene
Concen: 41.828 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31



Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	49.9	74.9
227	62.9	50.6	75.8





#35

Caprolactam

Concen: 27.591 ng

RT: 11.895 min Scan# 1499

Delta R.T. 0.008 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

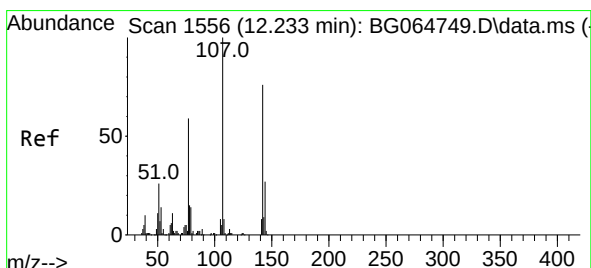
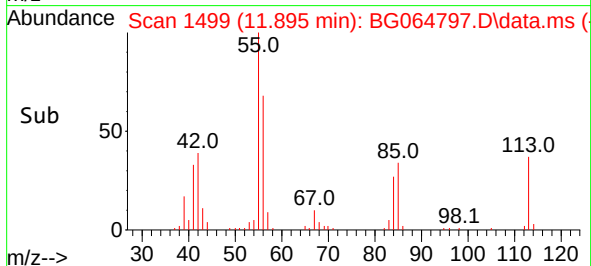
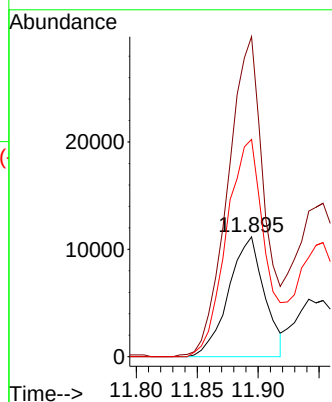
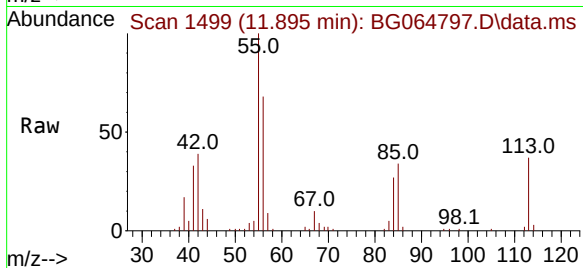
Tgt Ion:113 Resp: 22803

Ion Ratio Lower Upper

113 100

55 267.1 263.7 303.7

56 181.4 184.0 224.0#



#36

4-Chloro-3-methylphenol

Concen: 46.053 ng

RT: 12.235 min Scan# 1557

Delta R.T. 0.002 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

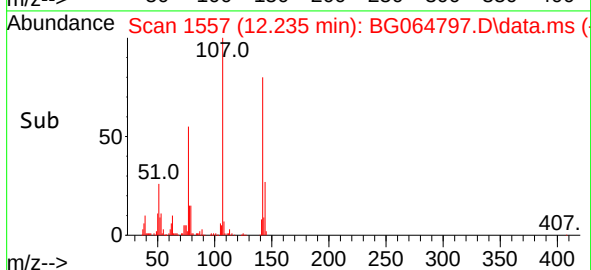
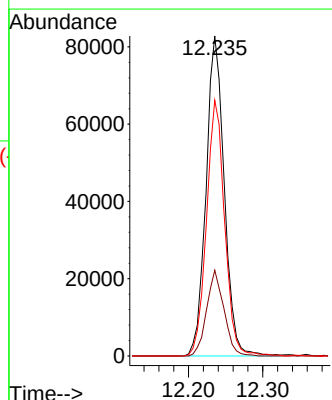
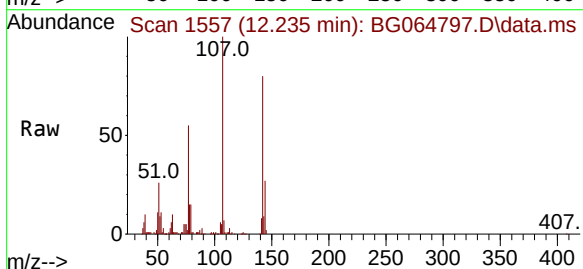
Tgt Ion:107 Resp: 141639

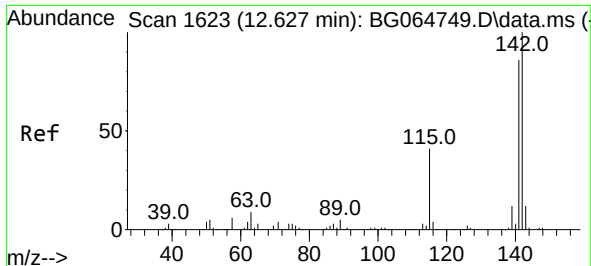
Ion Ratio Lower Upper

107 100

144 26.8 21.7 32.5

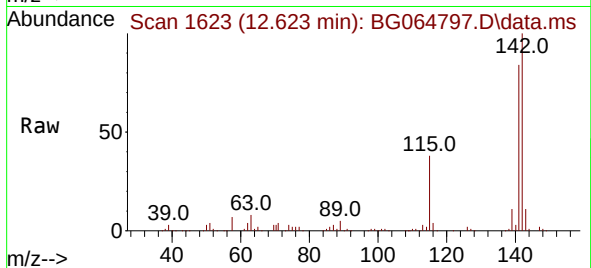
142 79.9 60.8 91.2



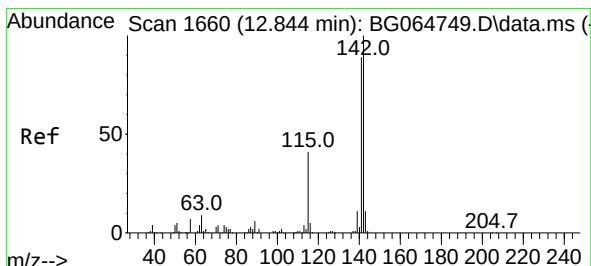
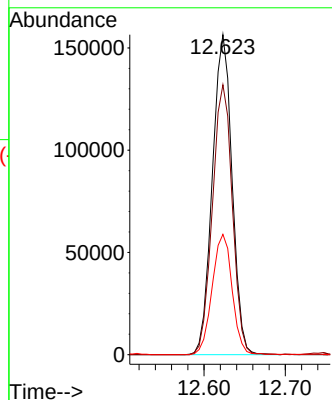
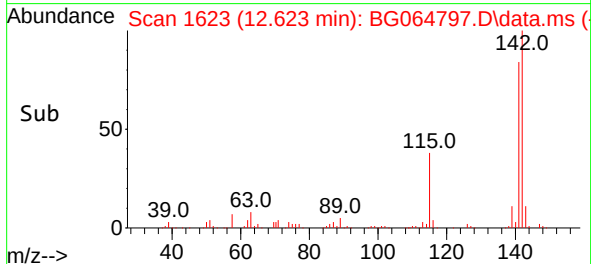


#37
2-Methylnaphthalene
Concen: 39.382 ng
RT: 12.623 min Scan# 1623
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

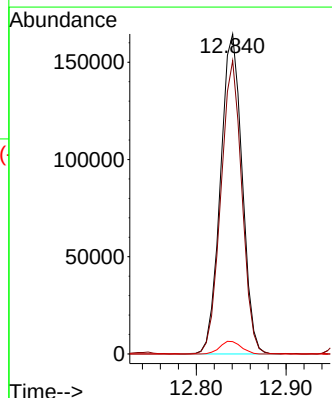
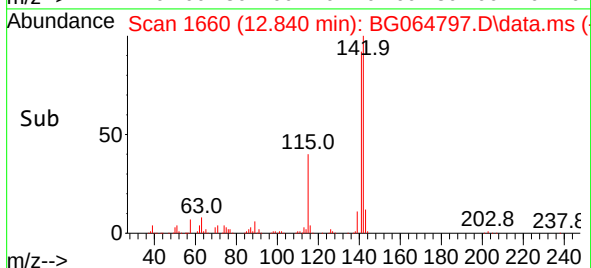
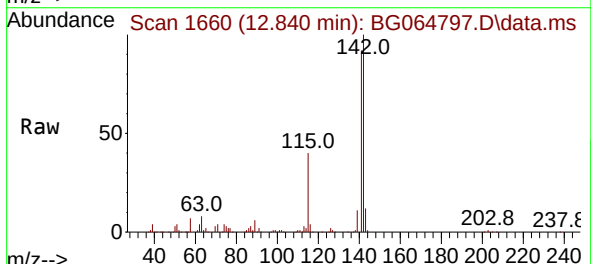


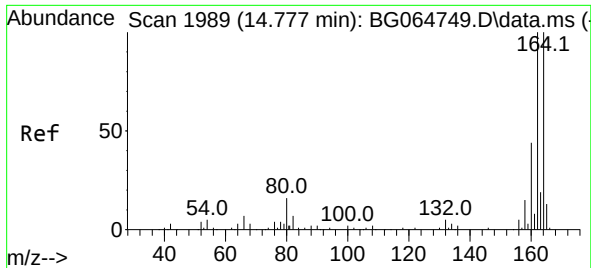
Tgt Ion:142 Resp: 263299
Ion Ratio Lower Upper
142 100
141 84.4 69.1 103.7
115 37.6 32.9 49.3



#38
1-Methylnaphthalene
Concen: 41.420 ng
RT: 12.840 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:142 Resp: 275084
Ion Ratio Lower Upper
142 100
141 91.6 70.8 106.2
116 3.8 3.7 5.5

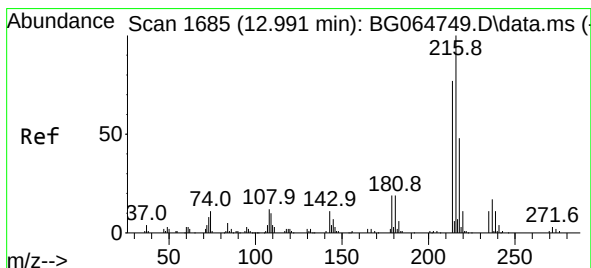
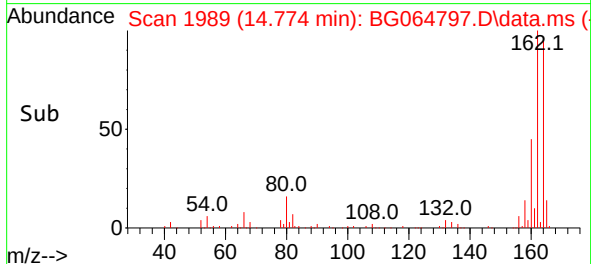
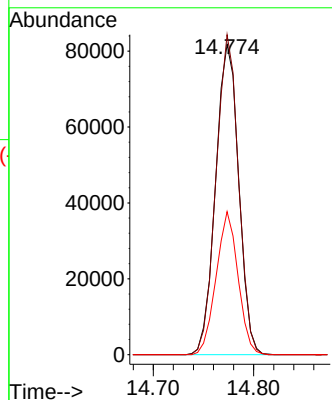
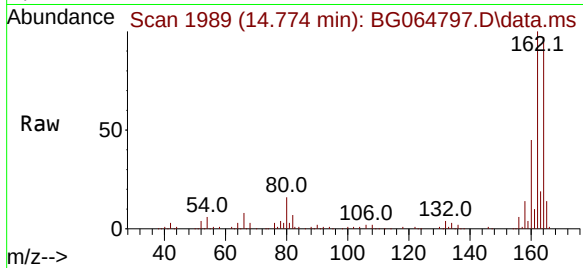




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

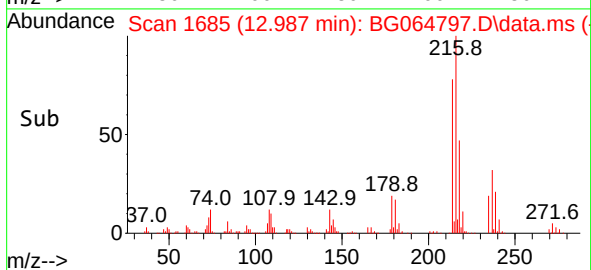
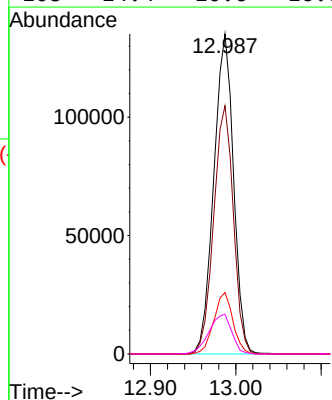
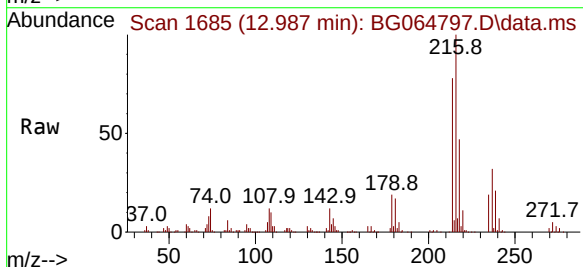
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

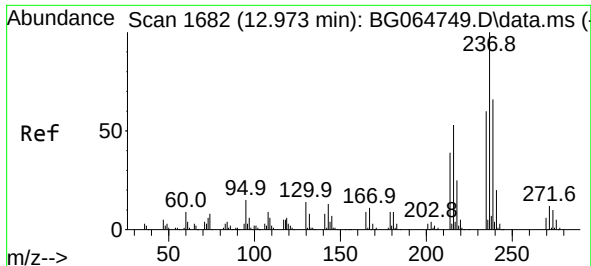
Tgt Ion:164 Resp: 130879
Ion Ratio Lower Upper
164 100
162 103.1 79.8 119.6
160 46.1 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.646 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

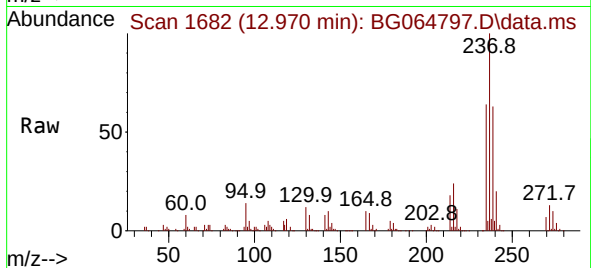
Tgt Ion:216 Resp: 217214
Ion Ratio Lower Upper
216 100
214 77.1 60.5 90.7
179 18.6 14.7 22.1
108 14.4 10.6 16.0



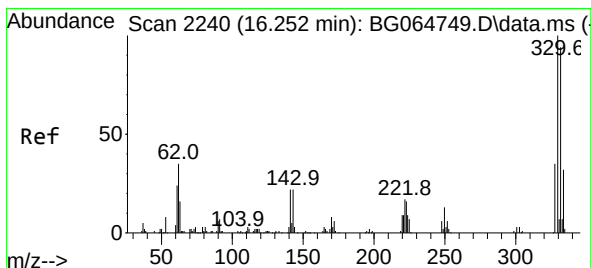
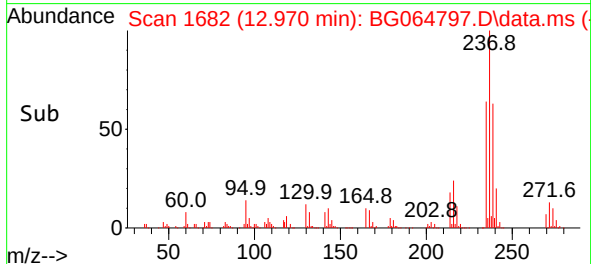
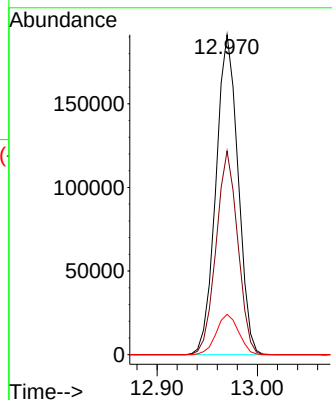


#41
Hexachlorocyclopentadiene
Concen: 80.056 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

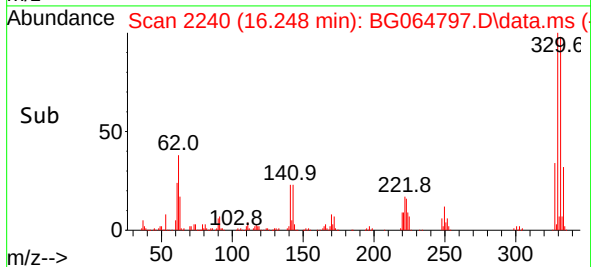
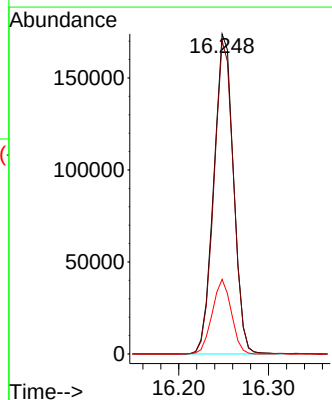
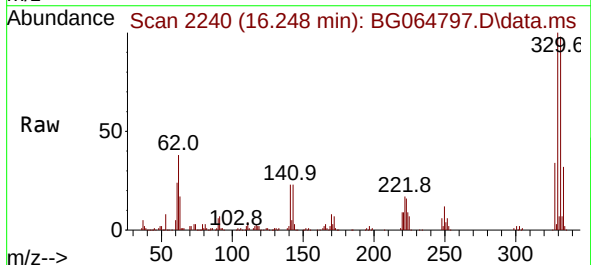


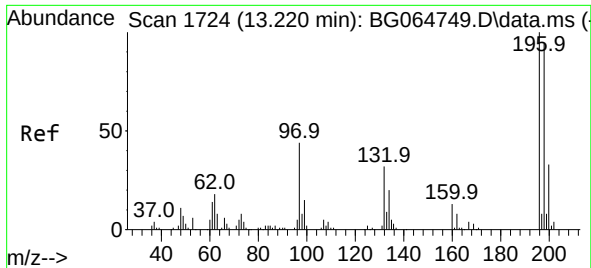
Tgt Ion:237 Resp: 292272
Ion Ratio Lower Upper
237 100
235 63.7 40.2 80.2
272 12.6 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 103.598 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:330 Resp: 264438
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 22.6 18.2 27.2

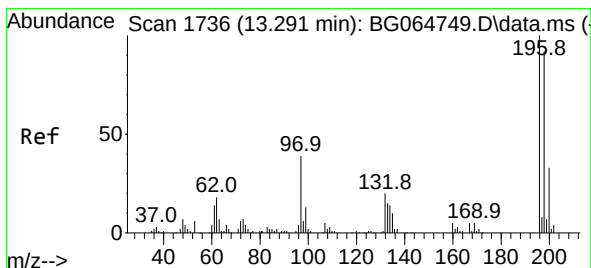
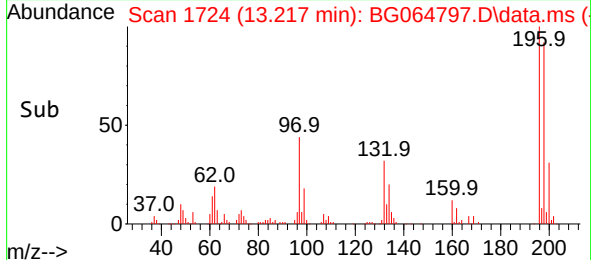
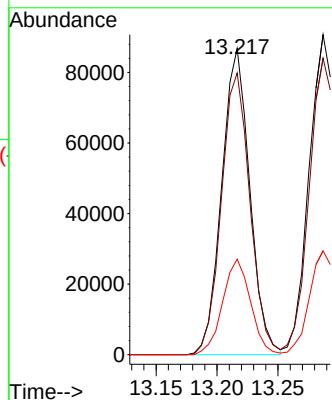
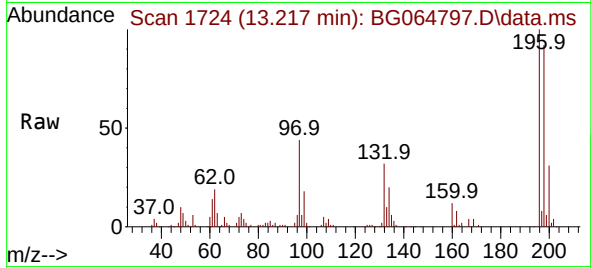




#43
2,4,6-Trichlorophenol
Concen: 46.460 ng
RT: 13.217 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

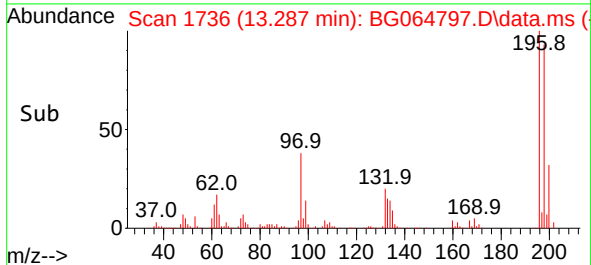
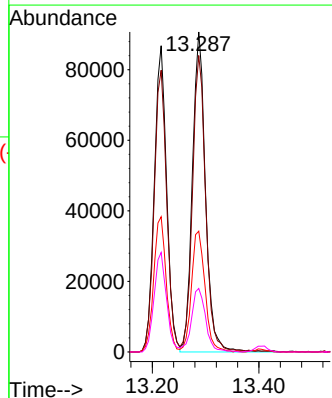
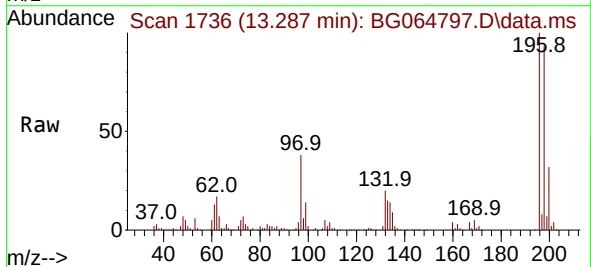
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

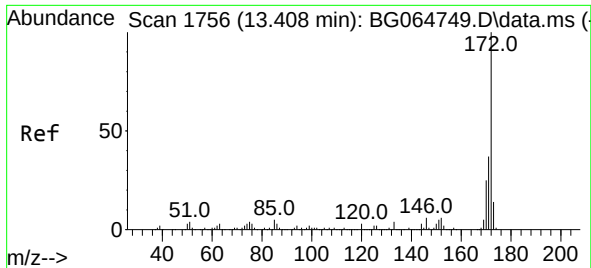
Tgt Ion:196 Resp: 138889
Ion Ratio Lower Upper
196 100
198 92.0 75.3 112.9
200 31.2 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 46.305 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:196 Resp: 155253
Ion Ratio Lower Upper
196 100
198 92.7 73.2 109.8
97 37.8 31.4 47.0
132 19.8 15.9 23.9

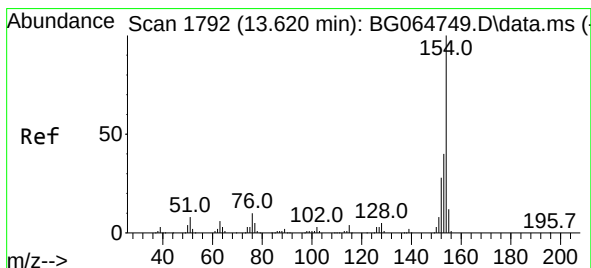
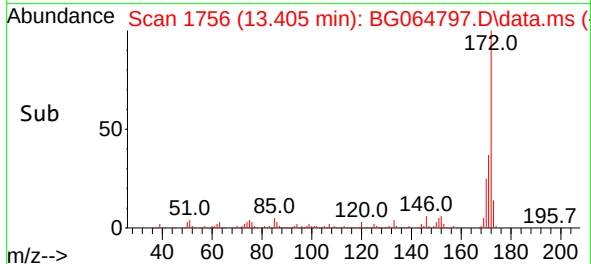
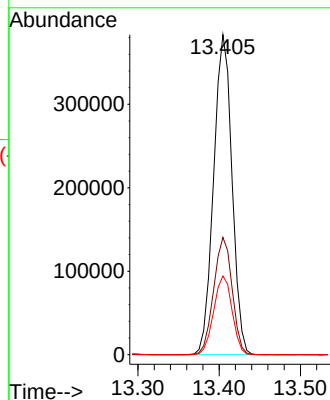
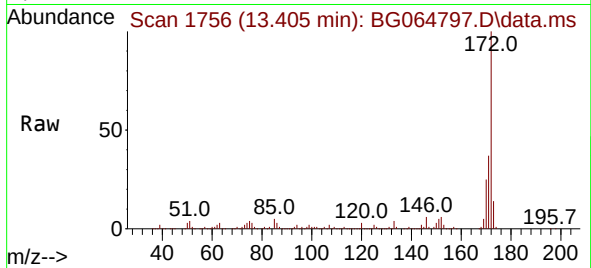




#45
2-Fluorobiphenyl
Concen: 64.153 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

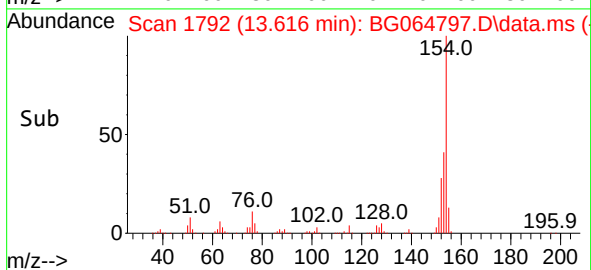
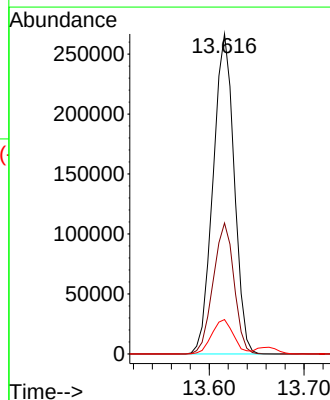
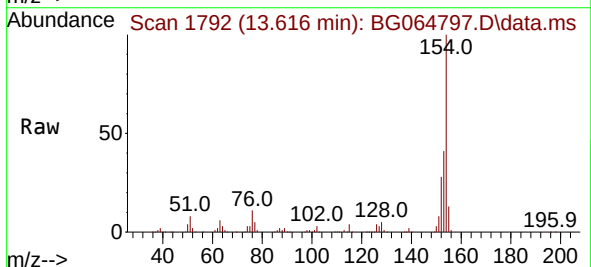
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

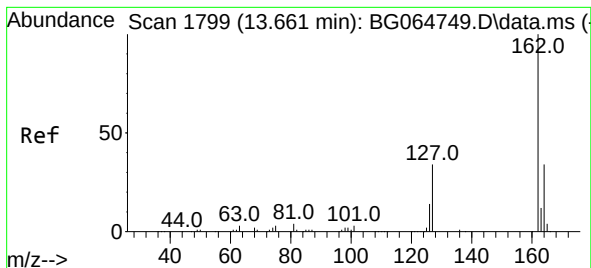
Tgt Ion:172	Resp: 601736
Ion Ratio	Lower Upper
172	100
171	36.6 29.9 44.9
170	24.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 43.854 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:154	Resp: 412233
Ion Ratio	Lower Upper
154	100
153	40.9 19.8 59.8
76	10.7 0.0 30.0

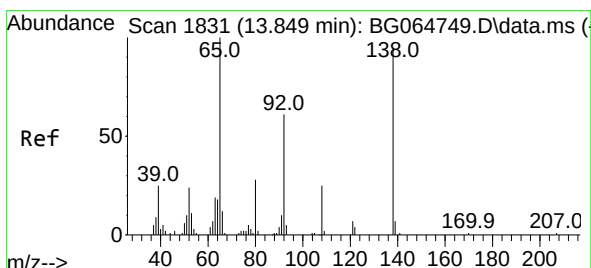
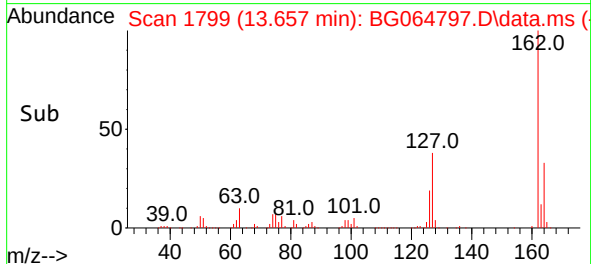
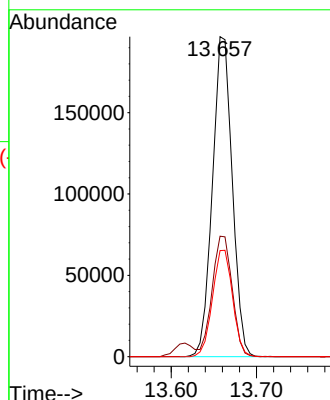
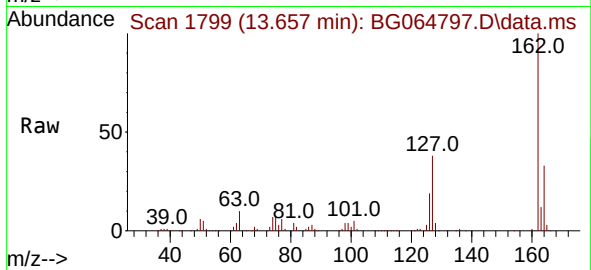




#47
2-Chloronaphthalene
Concen: 42.836 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

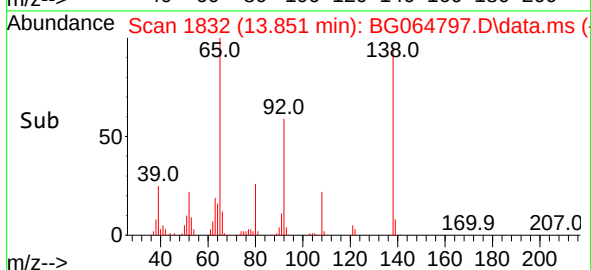
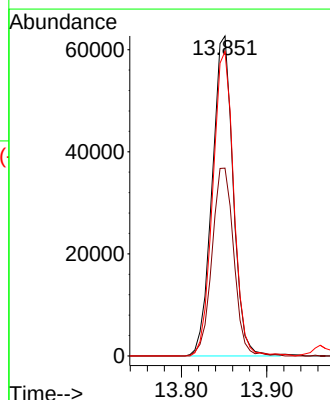
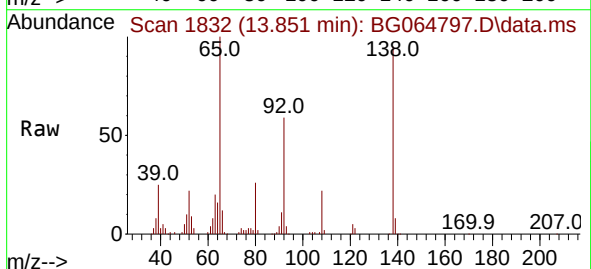
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

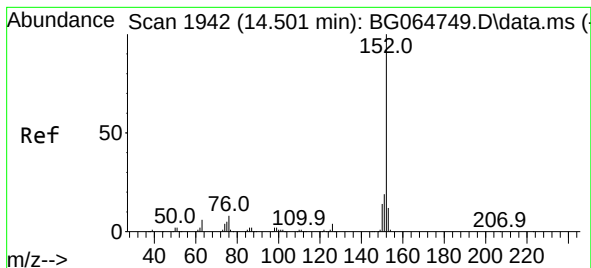
Tgt Ion:162 Resp: 317228
Ion Ratio Lower Upper
162 100
127 37.7 30.3 45.5
164 33.2 26.8 40.2



#48
2-Nitroaniline
Concen: 45.087 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion: 65 Resp: 107396
Ion Ratio Lower Upper
65 100
92 58.7 48.6 73.0
138 95.2 76.4 114.6





#49

Acenaphthylene

Concen: 43.939 ng

RT: 14.497 min Scan# 1942

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

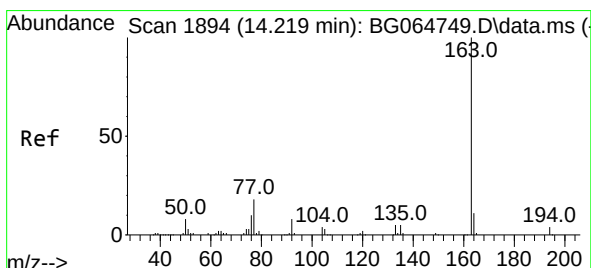
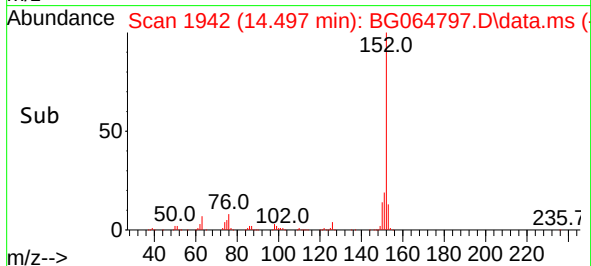
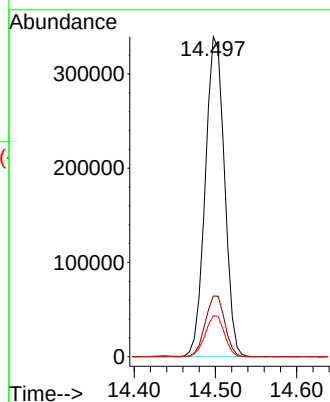
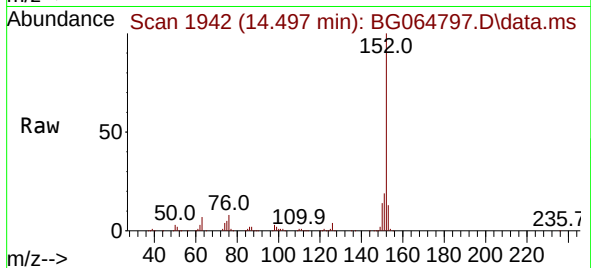
Tgt Ion:152 Resp: 555917

Ion Ratio Lower Upper

152 100

151 18.9 15.0 22.4

153 12.8 9.9 14.9



#50

Dimethylphthalate

Concen: 43.129 ng

RT: 14.221 min Scan# 1895

Delta R.T. 0.002 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

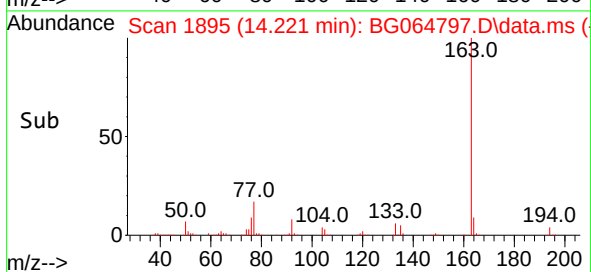
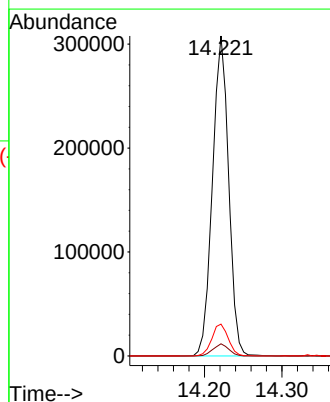
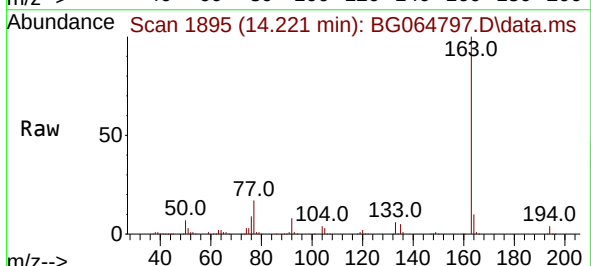
Tgt Ion:163 Resp: 445893

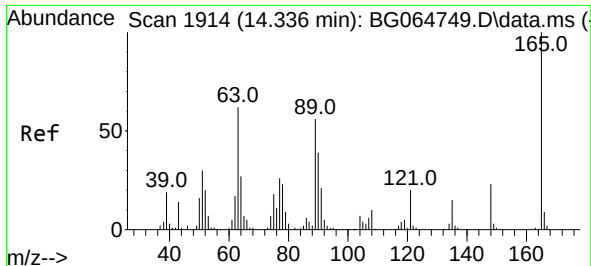
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 10.0 8.6 12.8

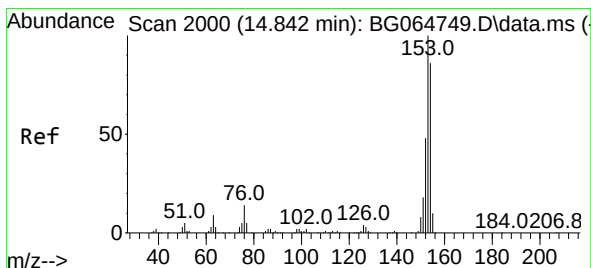
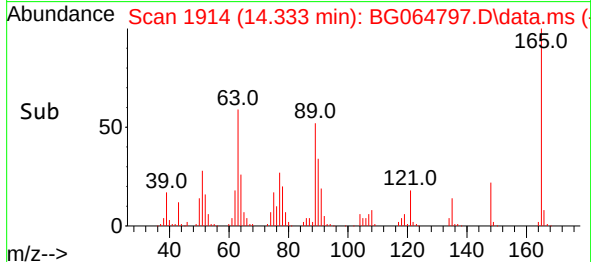
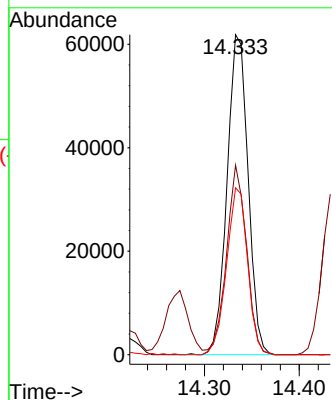
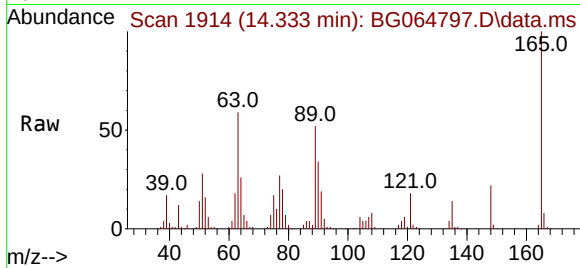




#51
2,6-Dinitrotoluene
Concen: 47.870 ng
RT: 14.333 min Scan# 1914
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

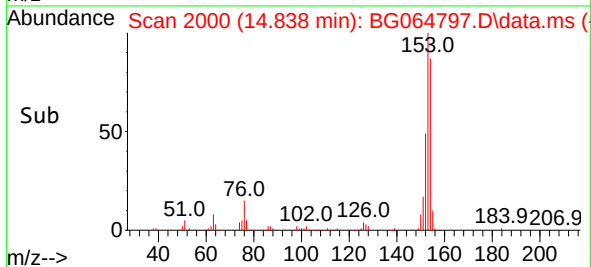
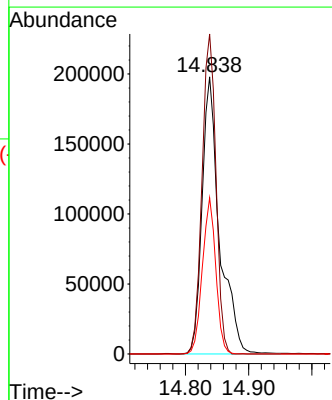
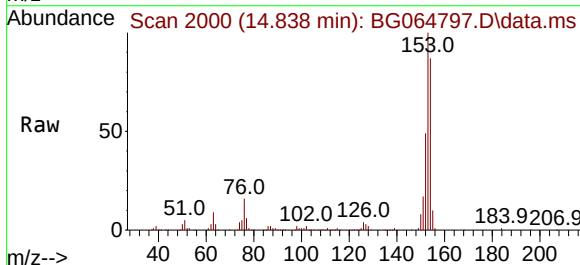
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

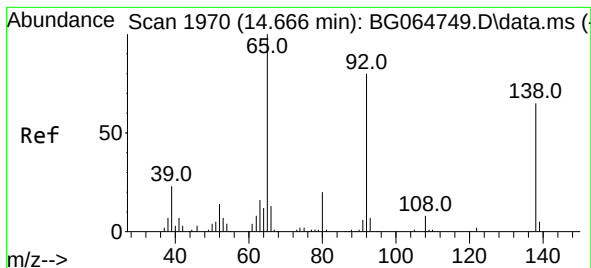
Tgt Ion:165 Resp: 95233
Ion Ratio Lower Upper
165 100
63 59.3 49.8 74.8
89 52.2 45.0 67.4



#52
Acenaphthene
Concen: 50.224 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:154 Resp: 380997
Ion Ratio Lower Upper
154 100
153 115.4 93.0 139.4
152 56.4 44.4 66.6





#53

3-Nitroaniline

Concen: 19.950 ng

RT: 14.662 min Scan# 1970

Delta R.T. -0.004 min

Lab File: BG064797.D

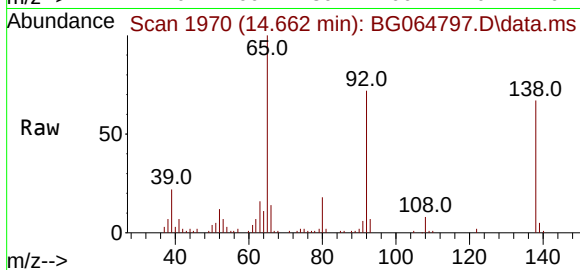
Acq: 17 Nov 2025 23:31

Instrument :

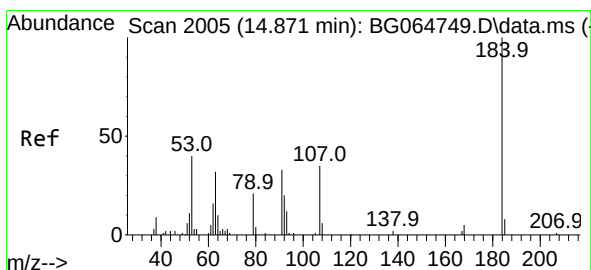
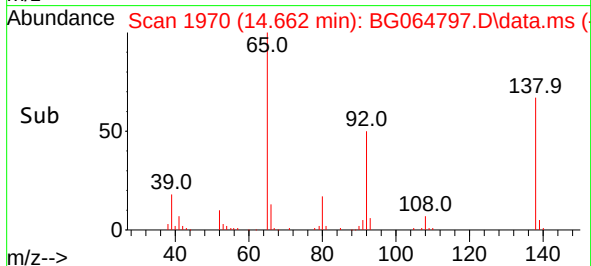
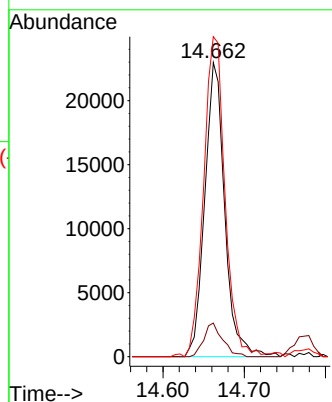
BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion:	138	Resp:	39171
Ion Ratio	Lower	Upper	
138	100		
108	11.4	9.5	14.3
92	108.8	99.0	148.4



#54

2,4-Dinitrophenol

Concen: 92.027 ng

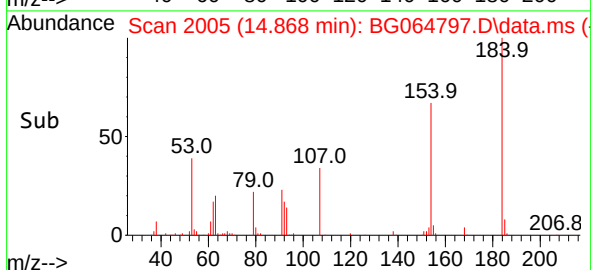
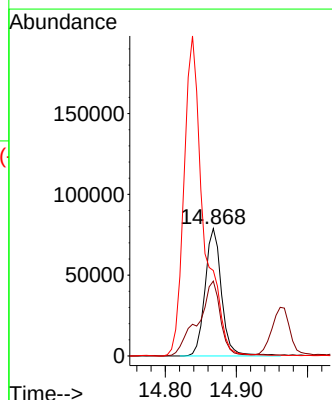
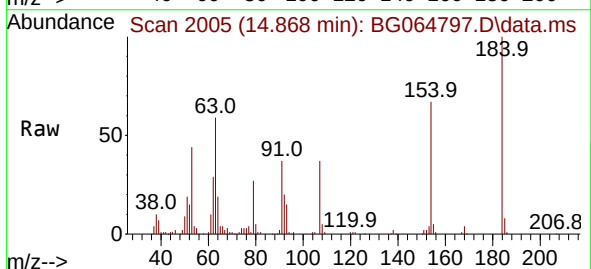
RT: 14.868 min Scan# 2005

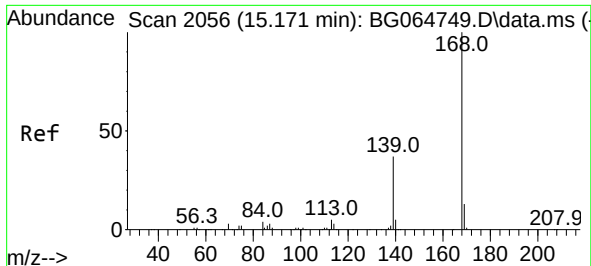
Delta R.T. -0.003 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:	184	Resp:	127379
Ion Ratio	Lower	Upper	
184	100		
63	58.8	45.8	68.6
154	67.1	52.6	78.8

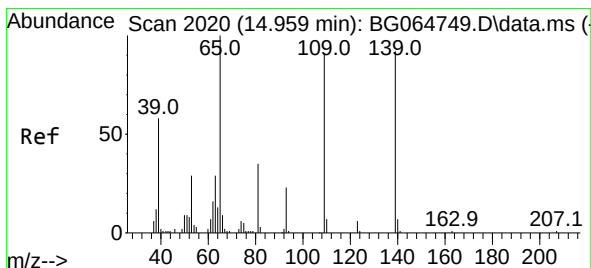
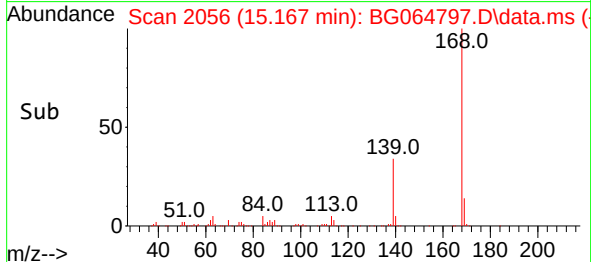
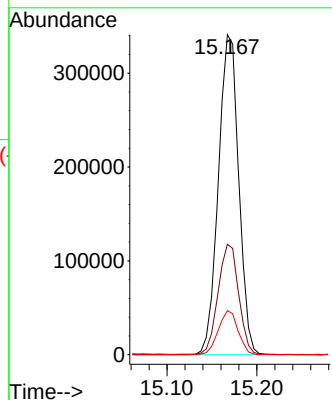
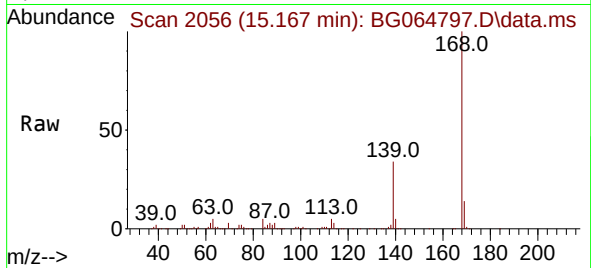




#55
Dibenzenofuran
Concen: 42.697 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

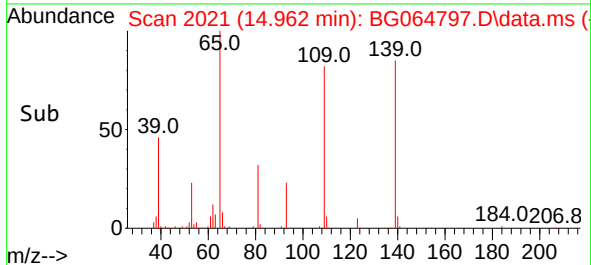
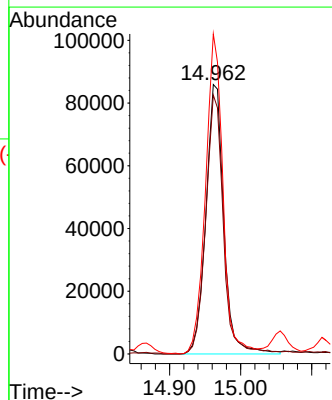
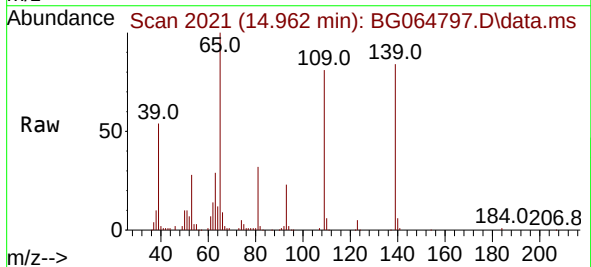
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

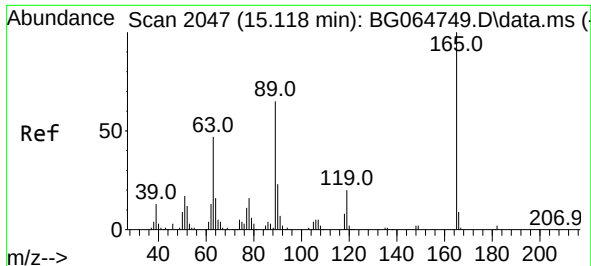
Tgt Ion:168 Resp: 535479
Ion Ratio Lower Upper
168 100
139 34.5 29.5 44.3
169 13.8 10.4 15.6



#56
4-Nitrophenol
Concen: 97.051 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:139 Resp: 151190
Ion Ratio Lower Upper
139 100
109 96.1 79.7 119.7
65 118.8 89.9 129.9

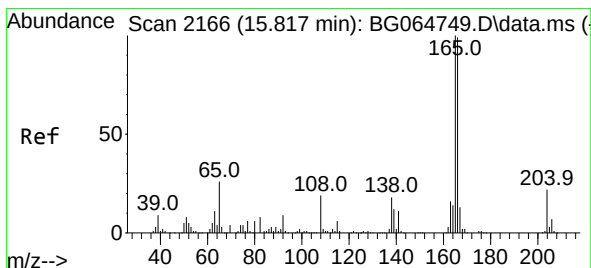
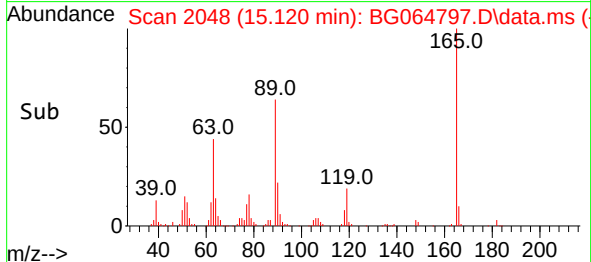
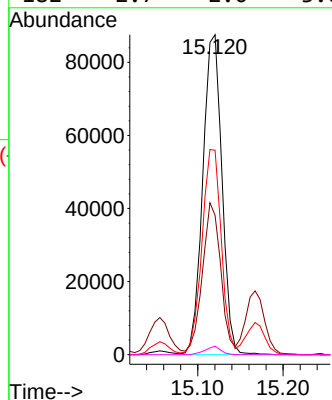
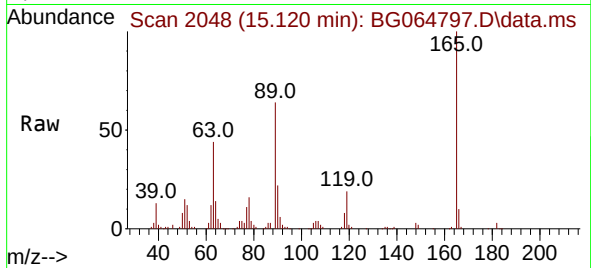




#57
2,4-Dinitrotoluene
Concen: 45.847 ng
RT: 15.120 min Scan# 2048
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

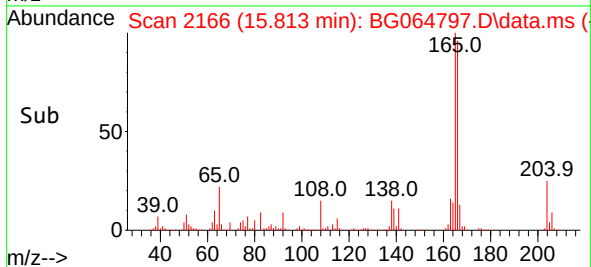
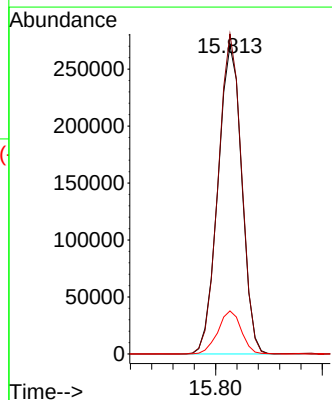
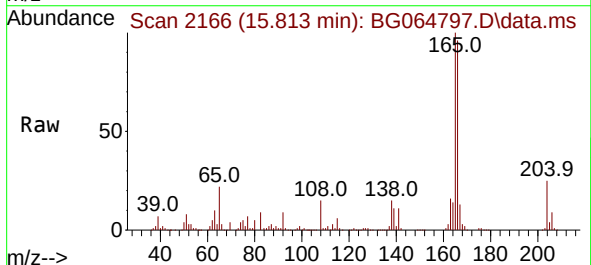
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

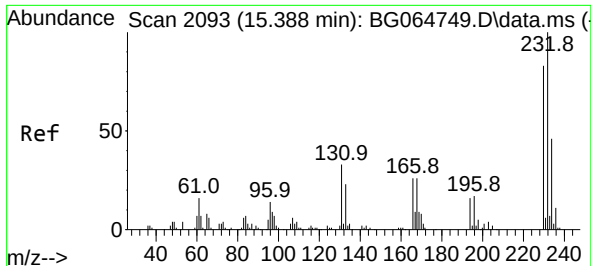
Tgt Ion:165 Resp: 136738
Ion Ratio Lower Upper
165 100
63 43.6 37.8 56.6
89 63.9 51.6 77.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.693 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:166 Resp: 419937
Ion Ratio Lower Upper
166 100
165 103.7 80.5 120.7
167 13.9 10.3 15.5

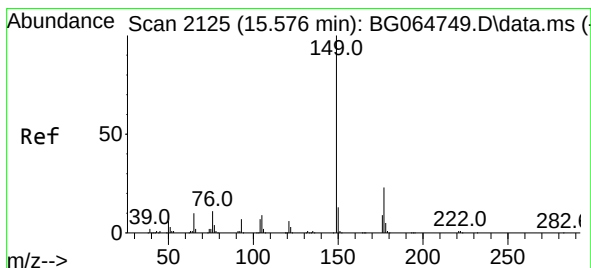
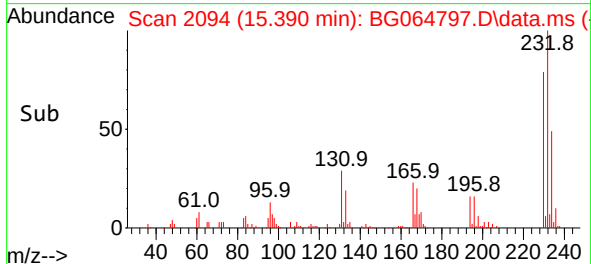
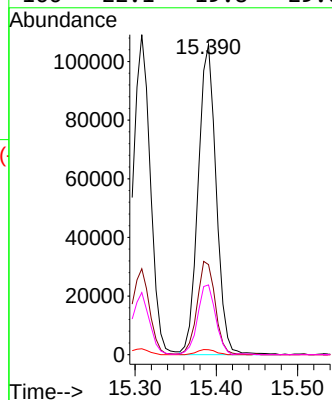
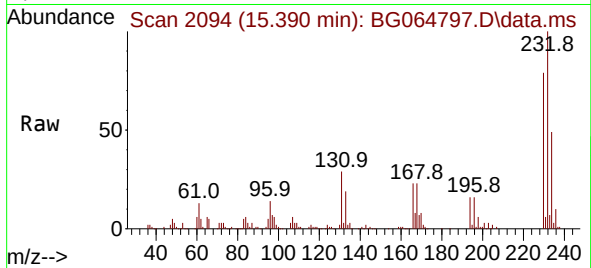




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.368 ng
RT: 15.390 min Scan# 2093
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

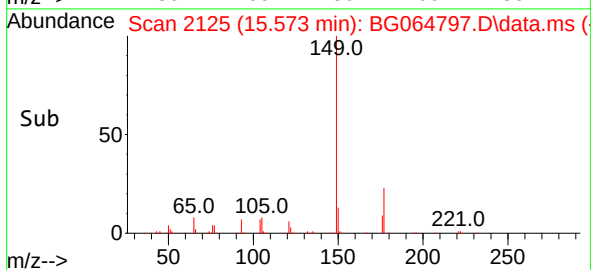
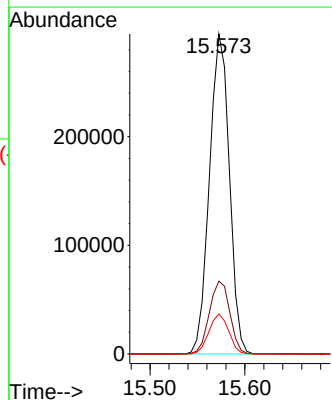
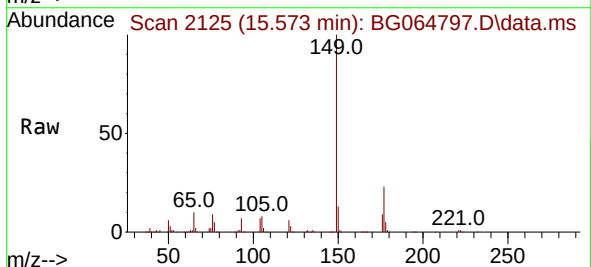
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

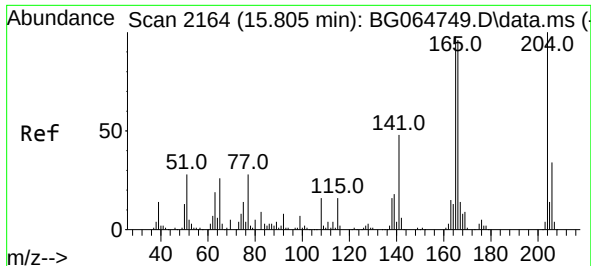
Tgt Ion:232 Resp: 163314
Ion Ratio Lower Upper
232 100
131 30.2 26.0 39.0
130 1.7 1.6 2.4
166 22.1 19.8 29.6



#60
Diethylphthalate
Concen: 43.303 ng
RT: 15.573 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:149 Resp: 428865
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 12.6 10.1 15.1

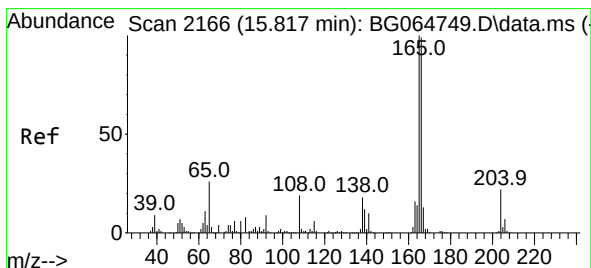
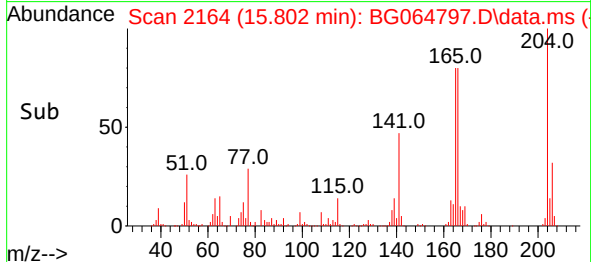
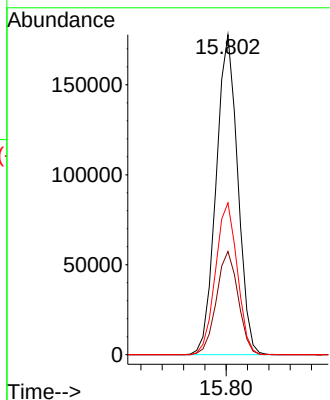
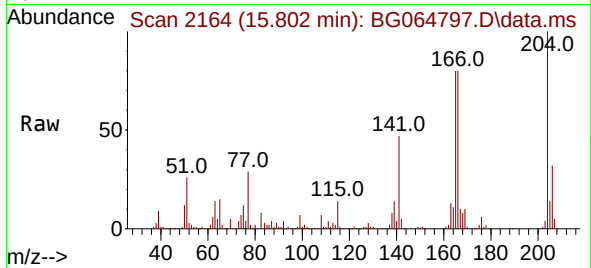




#61
4-Chlorophenyl-phenylether
Concen: 42.369 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

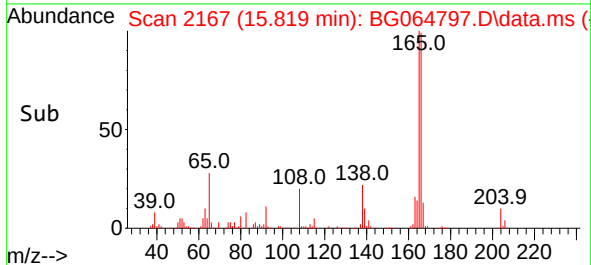
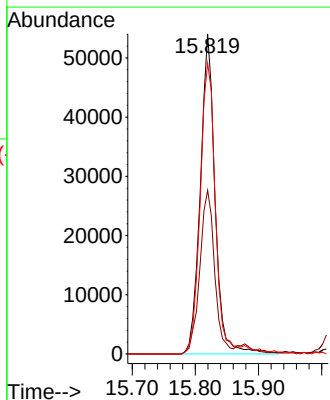
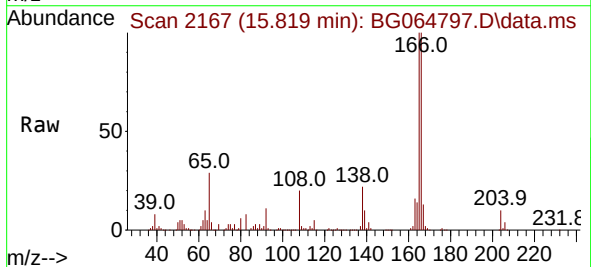
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

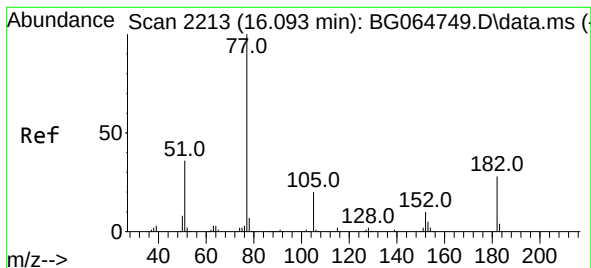
Tgt Ion:204 Resp: 250106
Ion Ratio Lower Upper
204 100
206 32.3 26.9 40.3
141 47.4 38.1 57.1



#62
4-Nitroaniline
Concen: 43.104 ng
RT: 15.819 min Scan# 2167
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:138 Resp: 87679
Ion Ratio Lower Upper
138 100
92 51.1 30.7 70.7
108 90.8 85.7 125.7





#63

Azobenzene

Concen: 48.715 ng

RT: 16.090 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064797.D

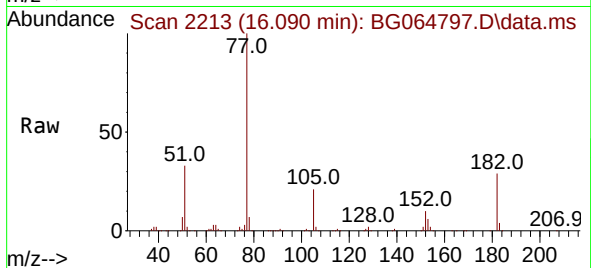
Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

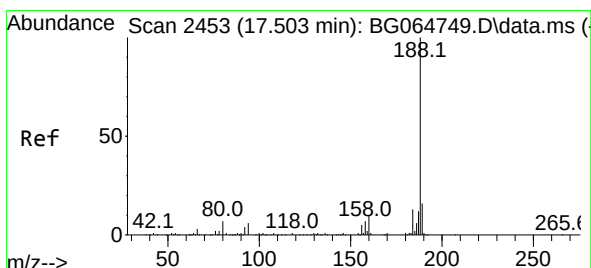
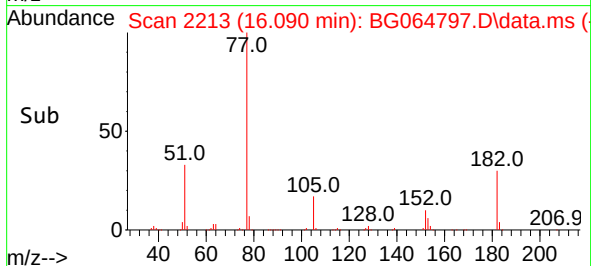
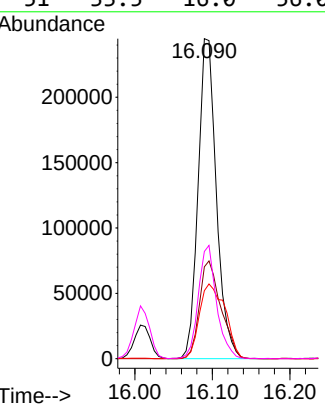
ClientSampleId :

B3-0.0-0.5-20251114MSD



Tgt Ion: 77 Resp: 401300

Ion	Ratio	Lower	Upper
77	100		
182	28.7	8.1	48.1
105	21.3	0.1	40.1
51	33.5	16.0	56.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.500 min Scan# 2453

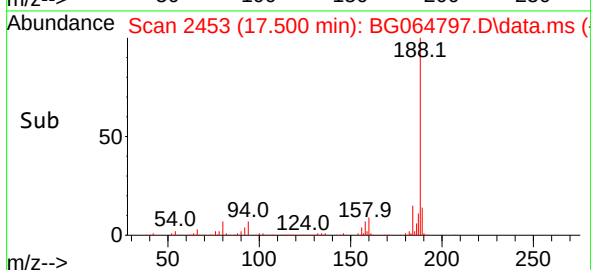
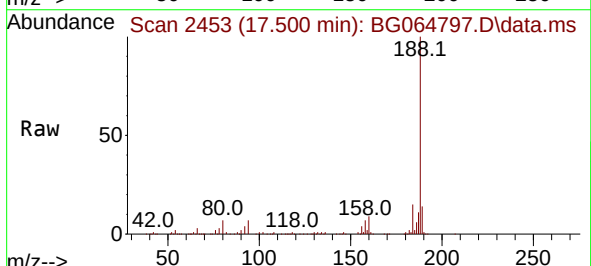
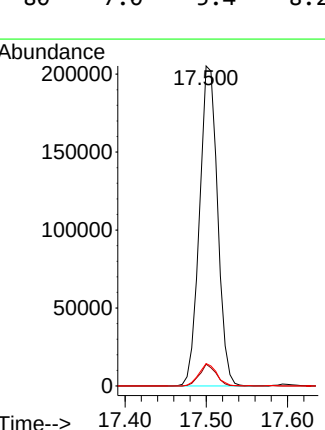
Delta R.T. -0.004 min

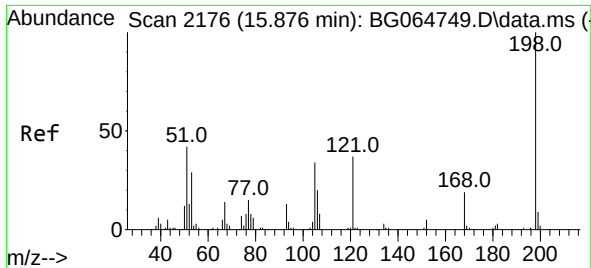
Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:188 Resp: 316710

Ion	Ratio	Lower	Upper
188	100		
94	6.8	4.7	7.1
80	7.0	5.4	8.2

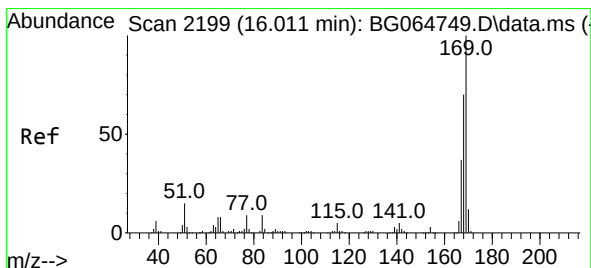
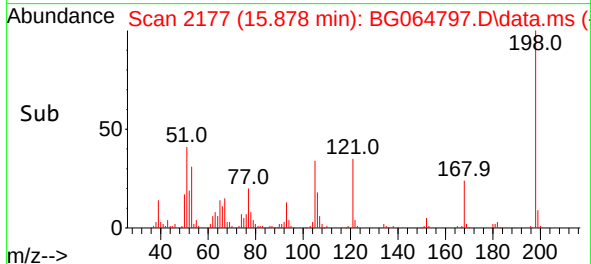
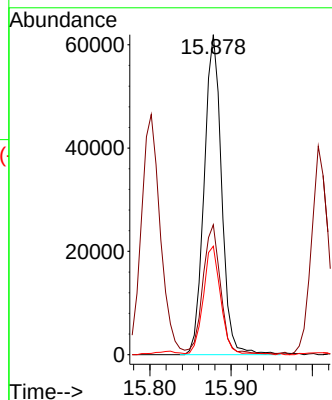
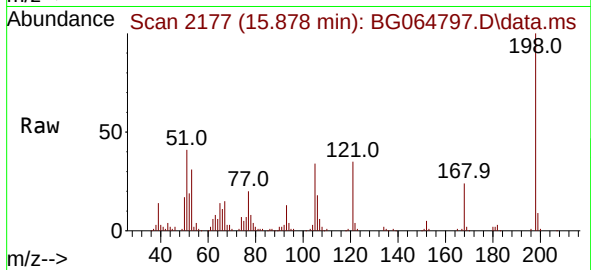




#65
4,6-Dinitro-2-methylphenol
Concen: 52.548 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

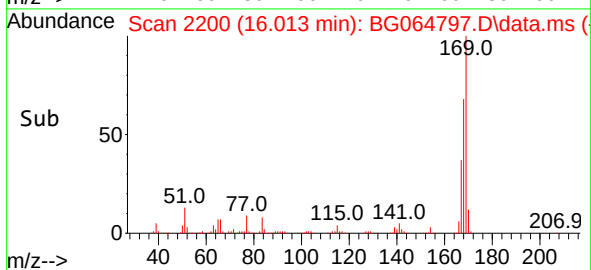
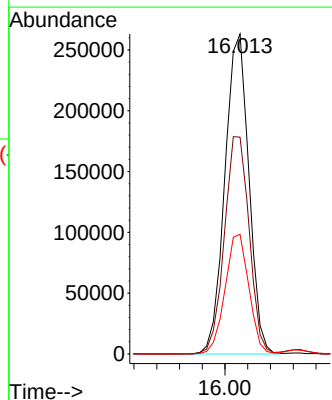
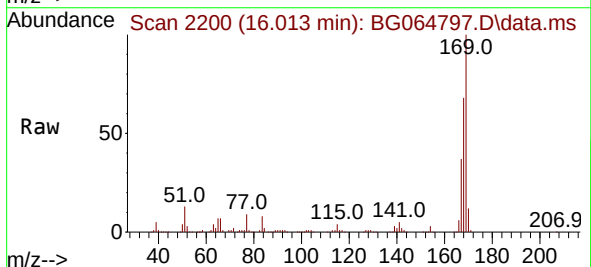
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

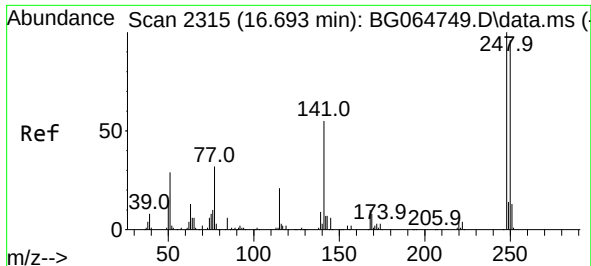
Tgt Ion:198 Resp: 92402
Ion Ratio Lower Upper
198 100
51 40.6 25.2 65.2
105 33.9 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 46.447 ng
RT: 16.013 min Scan# 2200
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:169 Resp: 385312
Ion Ratio Lower Upper
169 100
168 67.8 55.9 83.9
167 37.4 29.8 44.6





#67

4-Bromophenyl-phenylether

Concen: 45.100 ng

RT: 16.689 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

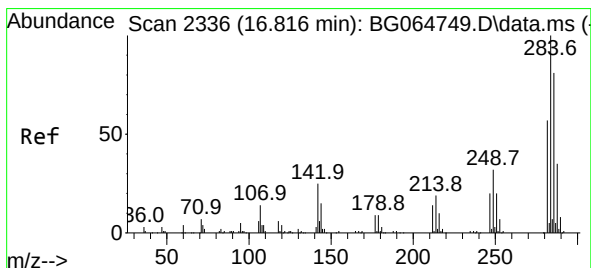
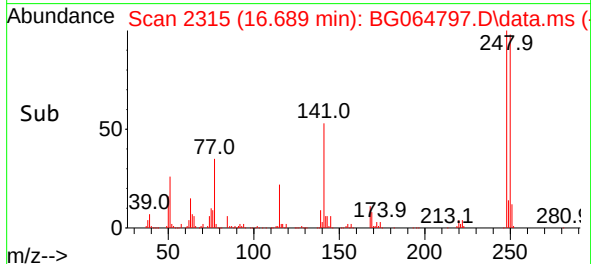
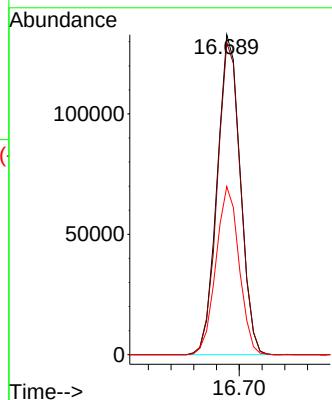
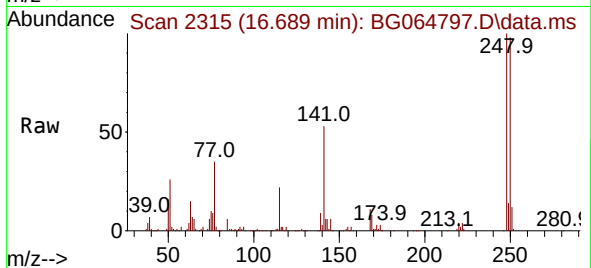
Tgt Ion:248 Resp: 187577

Ion Ratio Lower Upper

248 100

250 97.5 77.0 115.6

141 52.5 43.7 65.5



#68

Hexachlorobenzene

Concen: 44.179 ng

RT: 16.812 min Scan# 2336

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

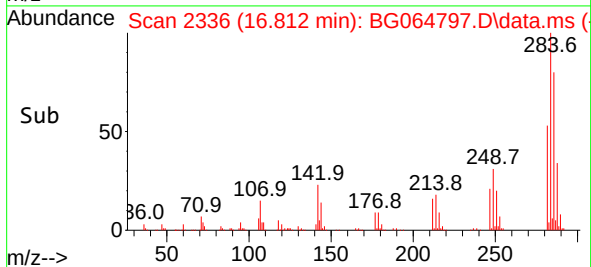
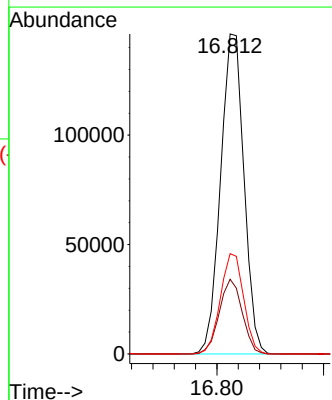
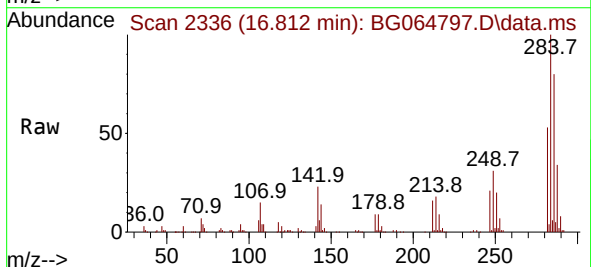
Tgt Ion:284 Resp: 222617

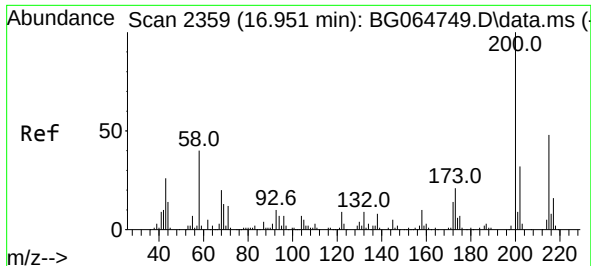
Ion Ratio Lower Upper

284 100

142 23.3 19.7 29.5

249 31.4 28.1 42.1

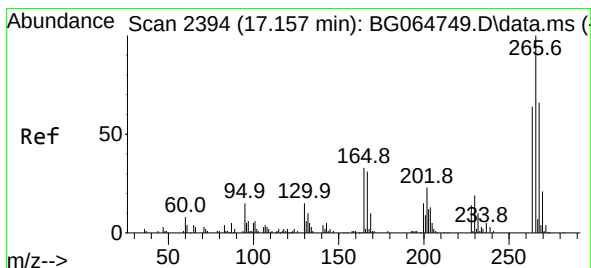
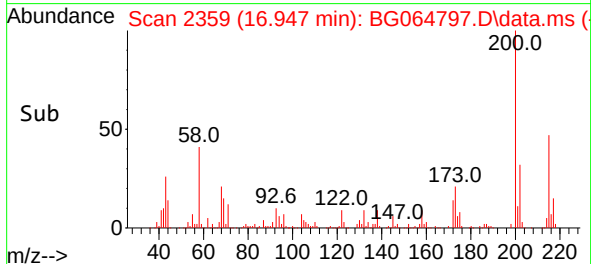
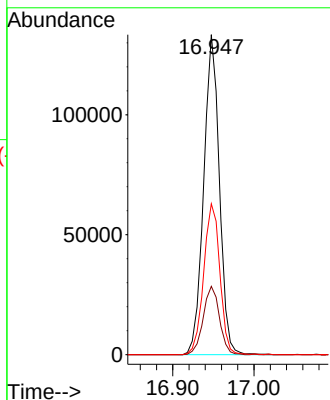
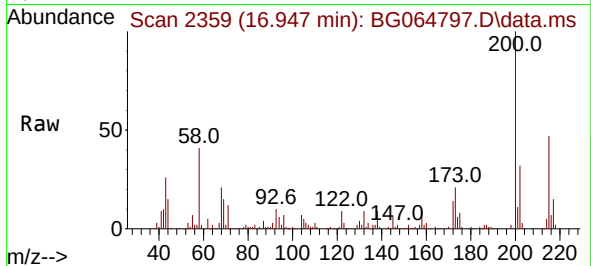




#69
Atrazine
Concen: 44.615 ng
RT: 16.947 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

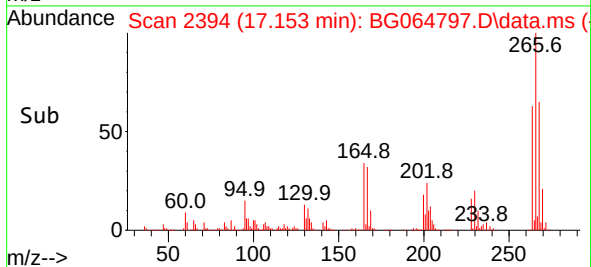
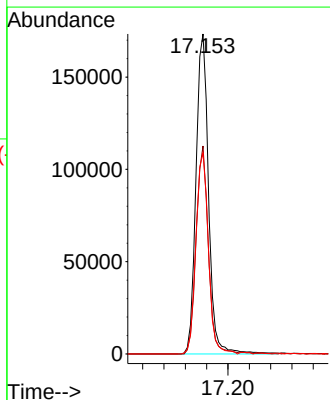
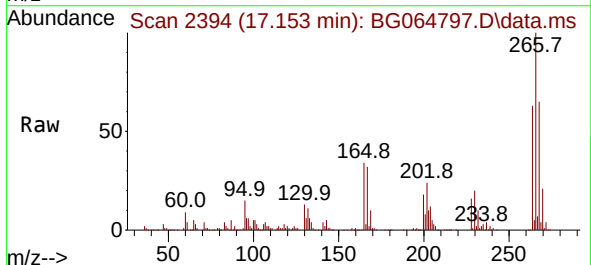
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

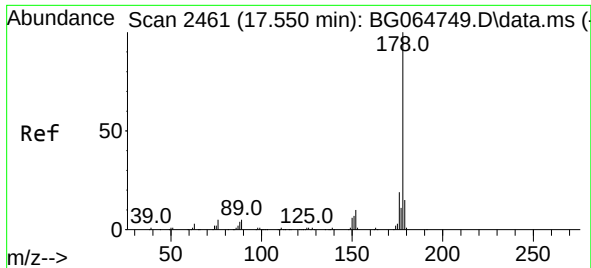
Tgt Ion:200 Resp: 178444
Ion Ratio Lower Upper
200 100
173 21.4 0.9 40.9
215 47.1 27.5 67.5



#70
Pentachlorophenol
Concen: 93.741 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:266 Resp: 282935
Ion Ratio Lower Upper
266 100
268 69.5 56.1 84.1
264 62.8 51.2 76.8

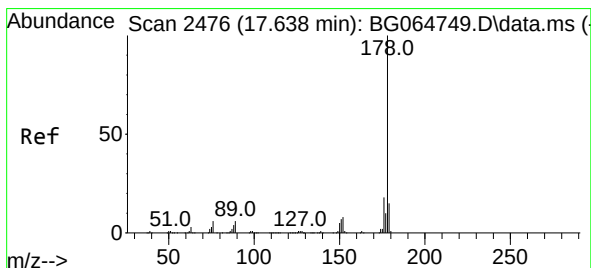
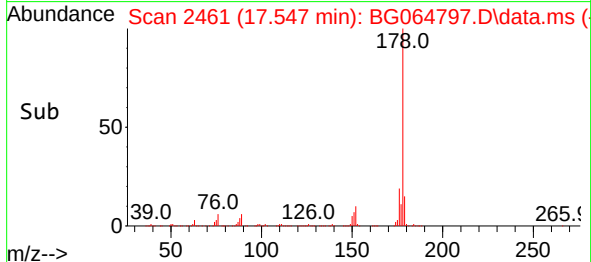
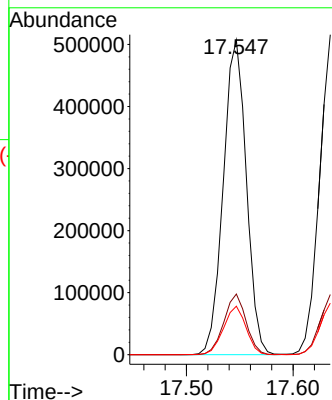
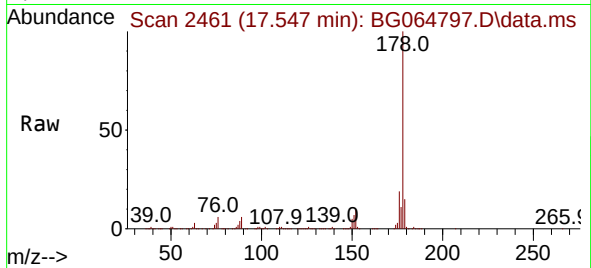




#71
Phenanthrene
Concen: 43.985 ng
RT: 17.547 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

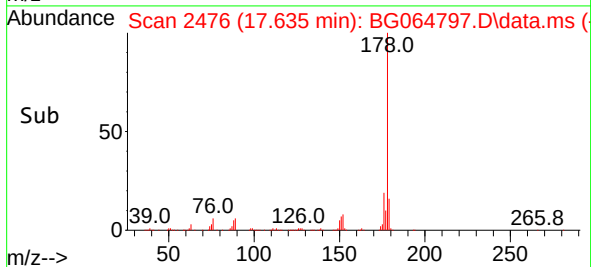
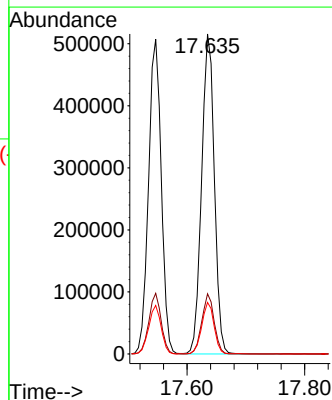
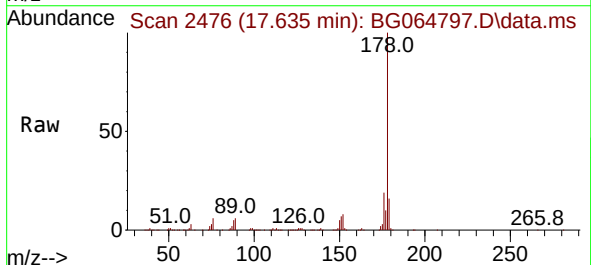
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

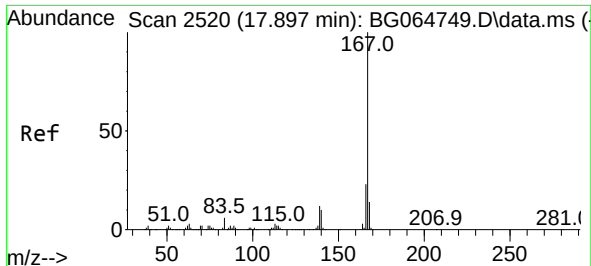
Tgt Ion:178 Resp: 762183
Ion Ratio Lower Upper
178 100
176 19.3 14.8 22.2
179 15.4 12.2 18.4



#72
Anthracene
Concen: 43.846 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:178 Resp: 774717
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 16.1 12.2 18.4

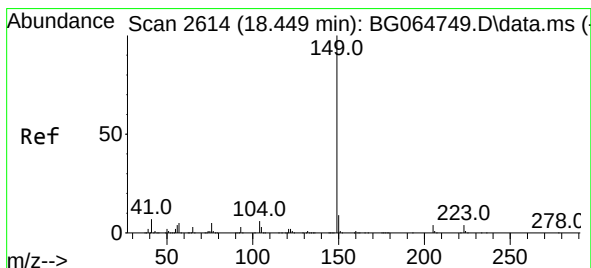
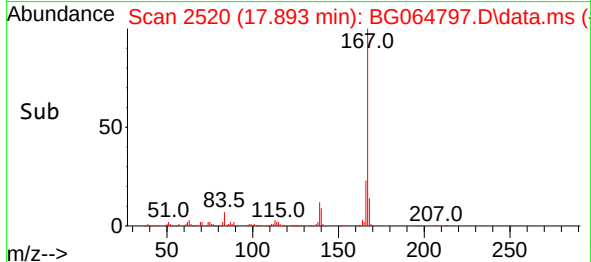
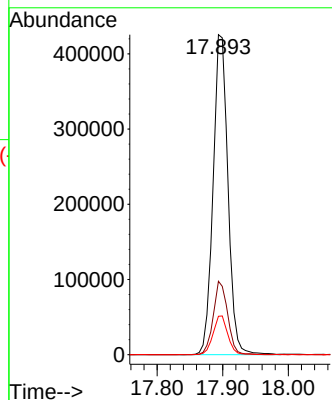
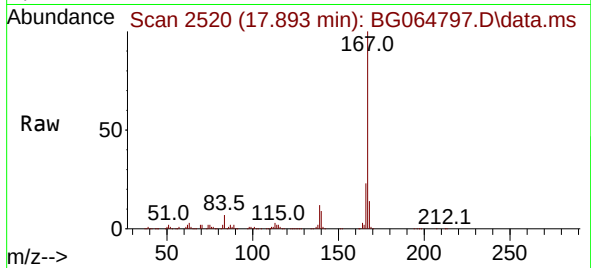




#73
Carbazole
Concen: 44.034 ng
RT: 17.893 min Scan# 2520
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

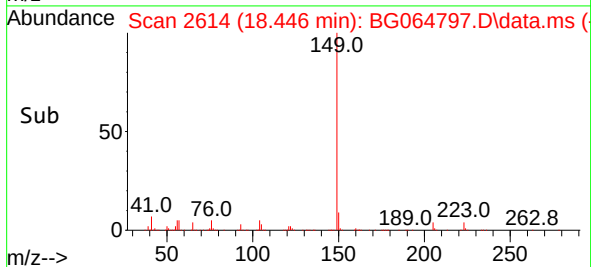
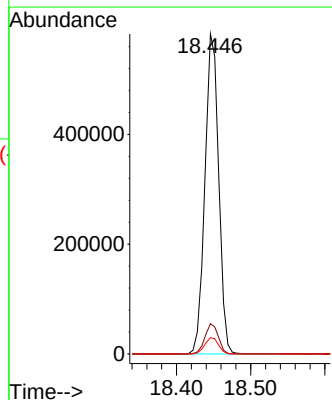
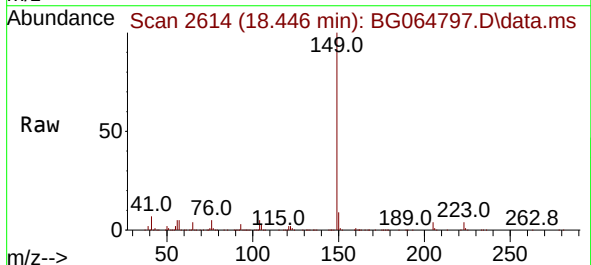
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

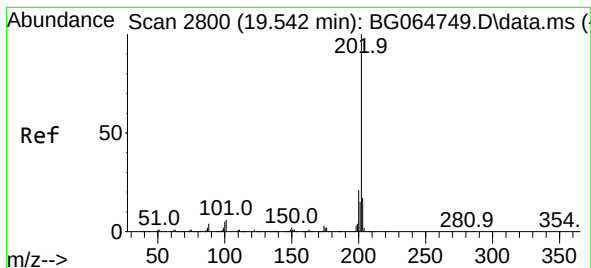
Tgt Ion:167 Resp: 668855
Ion Ratio Lower Upper
167 100
166 22.9 18.0 27.0
139 12.0 9.7 14.5



#74
Di-n-butylphthalate
Concen: 44.454 ng
RT: 18.446 min Scan# 2614
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:149 Resp: 753338
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 5.1 4.4 6.6





#75

Fluoranthene

Concen: 41.618 ng

RT: 19.539 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

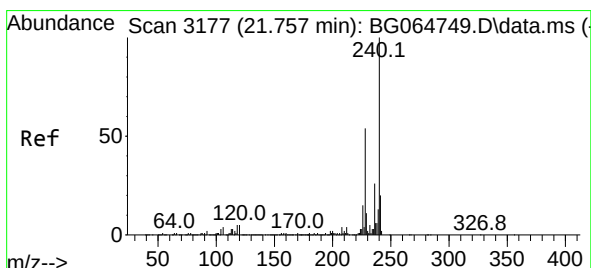
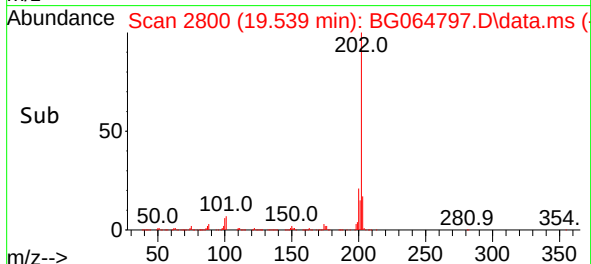
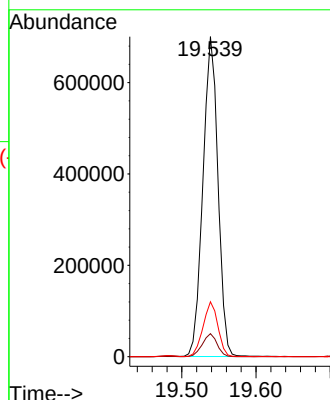
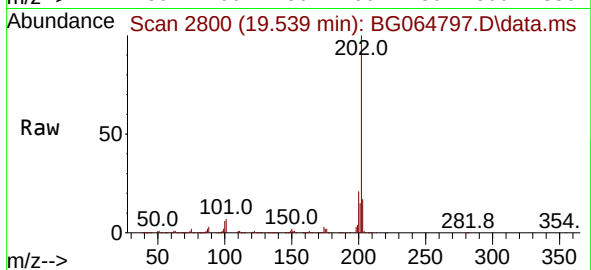
Tgt Ion:202 Resp: 986166

Ion Ratio Lower Upper

202 100

101 7.2 0.0 26.4

203 17.1 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.754 min Scan# 3177

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

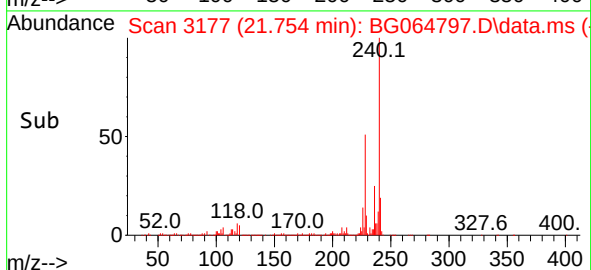
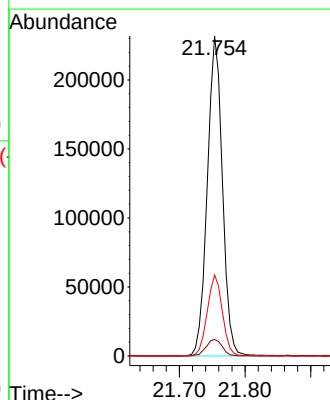
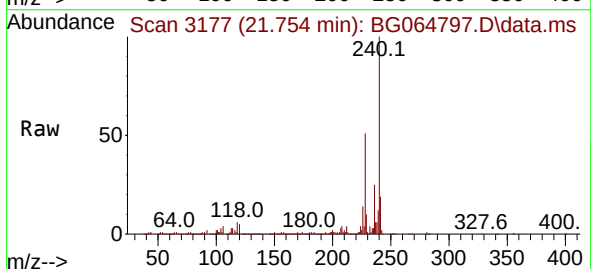
Tgt Ion:240 Resp: 371983

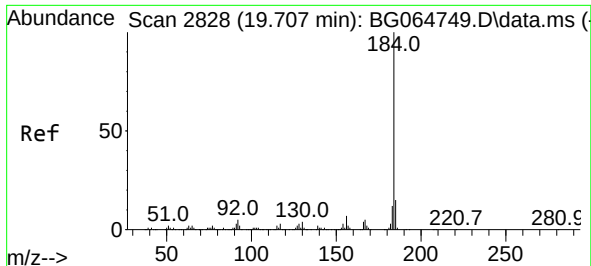
Ion Ratio Lower Upper

240 100

120 5.2 4.2 6.4

236 25.3 20.8 31.2

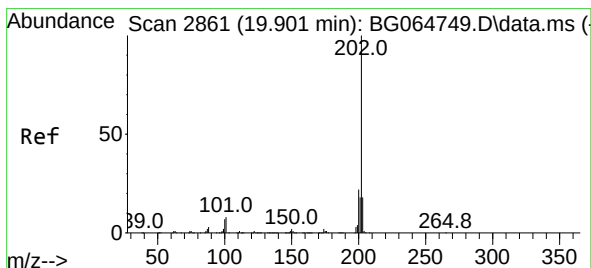
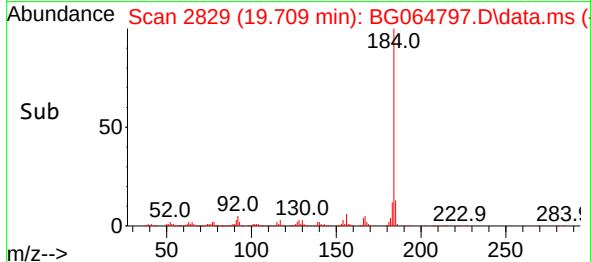
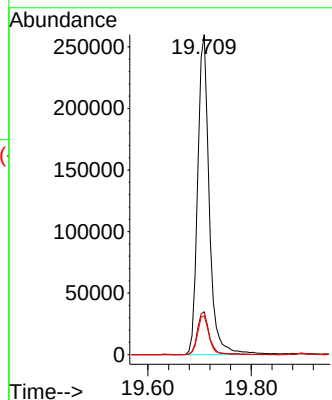
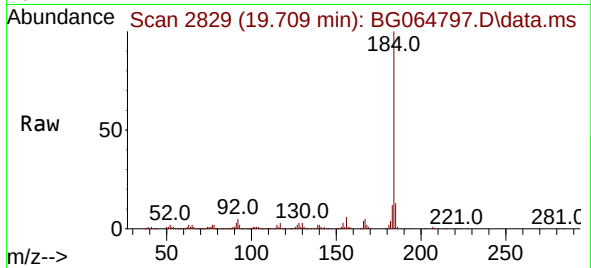




#77
Benzidine
Concen: 36.305 ng
RT: 19.709 min Scan# 2828
Delta R.T. 0.002 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

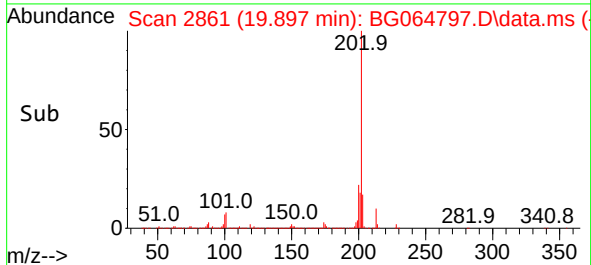
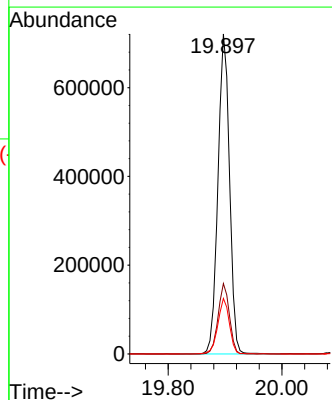
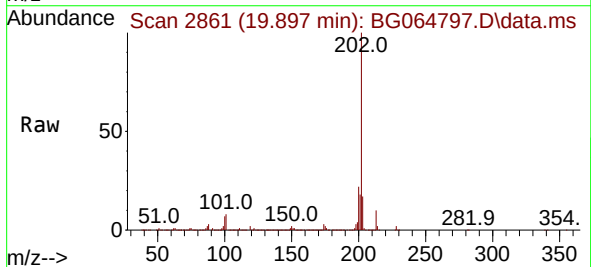
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

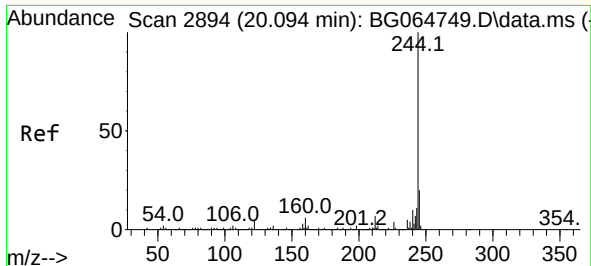
Tgt Ion:184 Resp: 404443
Ion Ratio Lower Upper
184 100
185 13.4 11.8 17.6
183 12.2 9.8 14.6



#78
Pyrene
Concen: 48.720 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:202 Resp: 1015709
Ion Ratio Lower Upper
202 100
200 22.0 17.9 26.9
203 17.3 14.0 21.0

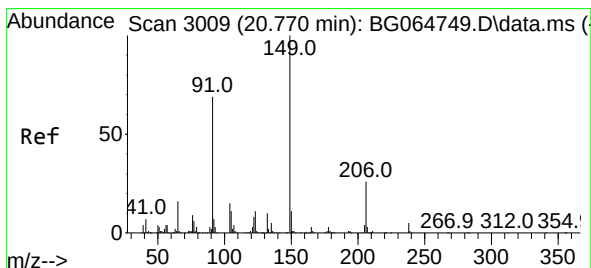
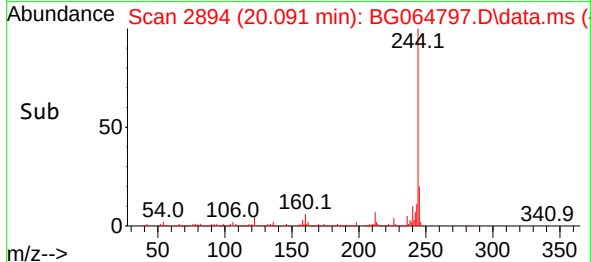
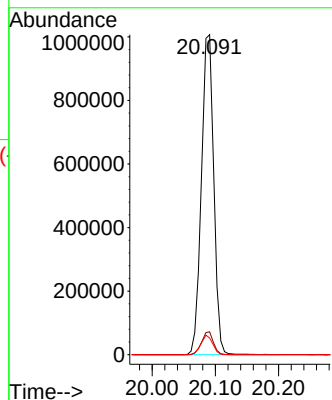
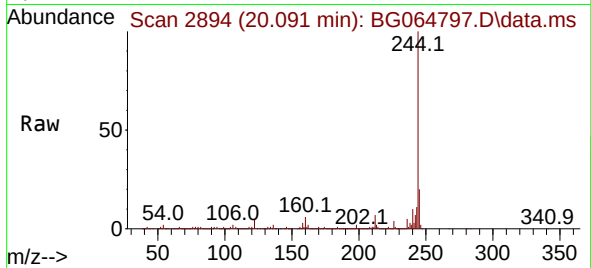




#79
 Terphenyl-d14
 Concen: 72.160 ng
 RT: 20.091 min Scan# 2894
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

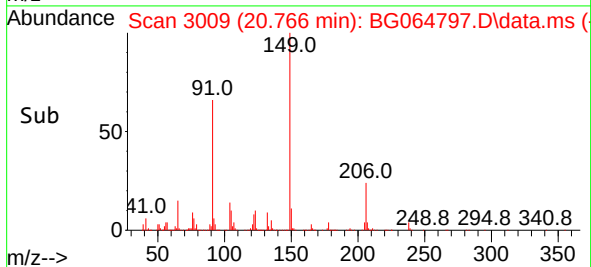
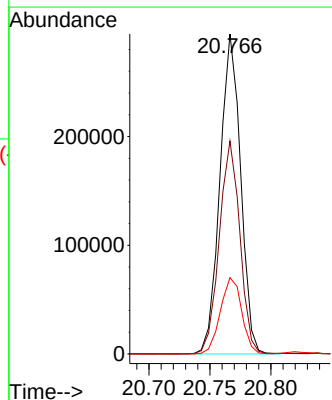
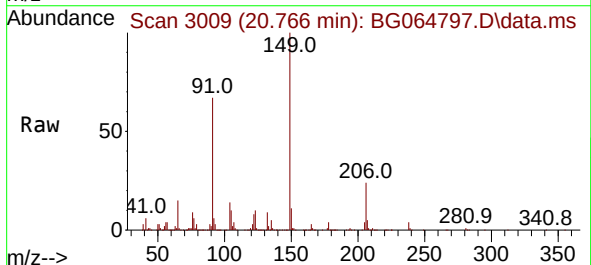
Instrument :
 BNA_G
 ClientSampleId :
 B3-0.0-0.5-20251114MSD

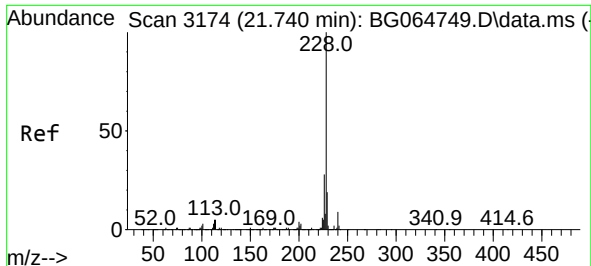
Tgt Ion:244 Resp: 1364576
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 5.2 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 47.447 ng
 RT: 20.766 min Scan# 3009
 Delta R.T. -0.004 min
 Lab File: BG064797.D
 Acq: 17 Nov 2025 23:31

Tgt Ion:149 Resp: 347928
 Ion Ratio Lower Upper
 149 100
 91 66.6 54.9 82.3
 206 23.9 21.2 31.8

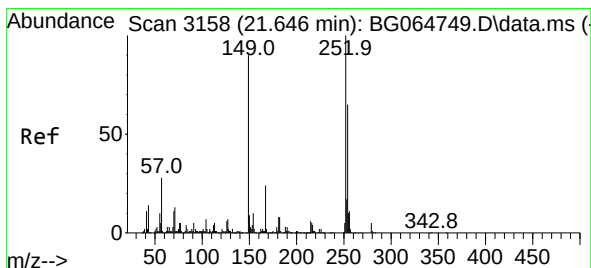
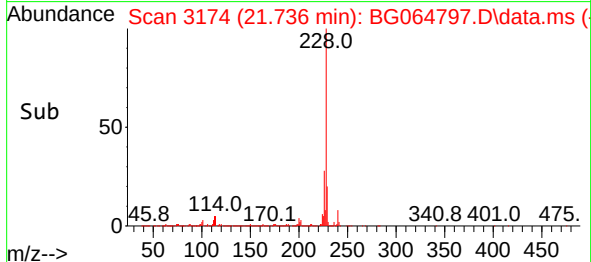
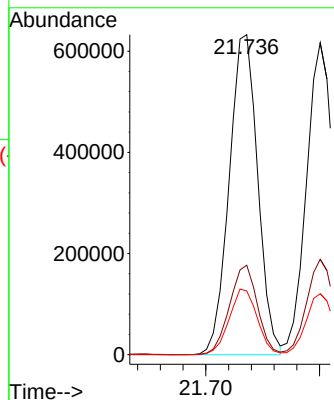
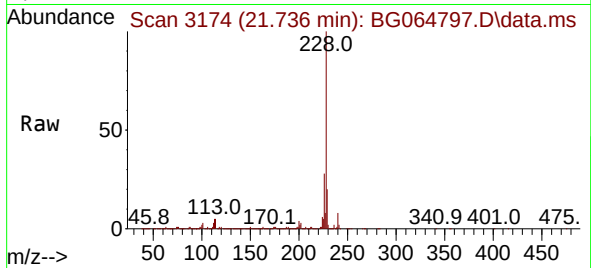




#81
Benzo(a)anthracene
Concen: 43.623 ng
RT: 21.736 min Scan# 3174
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

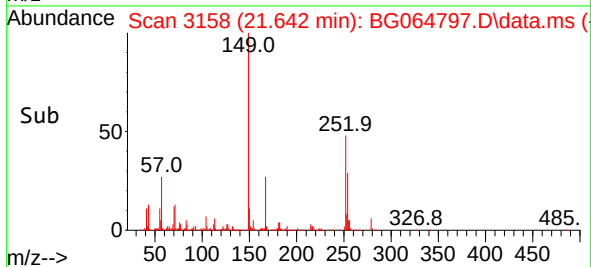
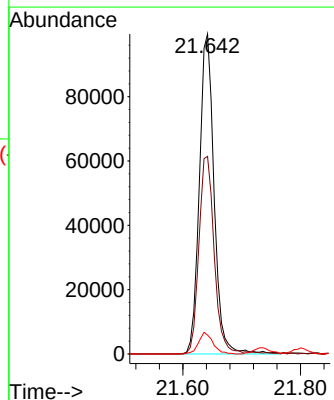
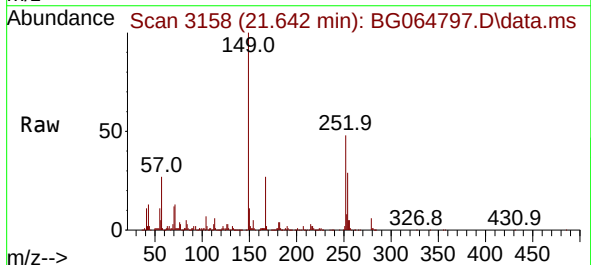
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

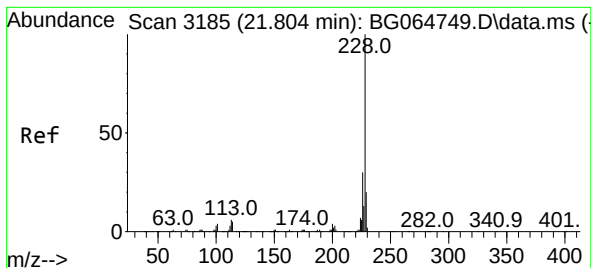
Tgt Ion:228 Resp: 1103366
Ion Ratio Lower Upper
228 100
226 28.0 22.1 33.1
229 19.9 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 18.538 ng
RT: 21.642 min Scan# 3158
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:252 Resp: 172582
Ion Ratio Lower Upper
252 100
254 61.8 51.8 77.8
126 5.9 4.7 7.1





#83

Chrysene

Concen: 43.425 ng

RT: 21.801 min Scan# 3185

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

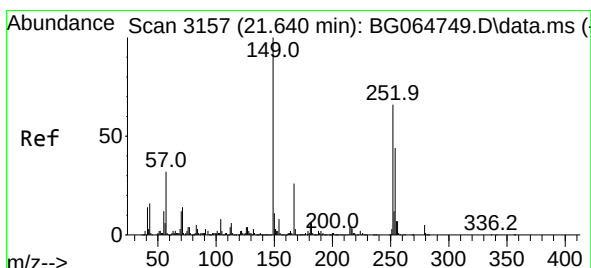
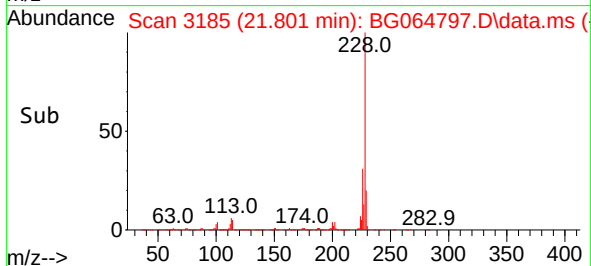
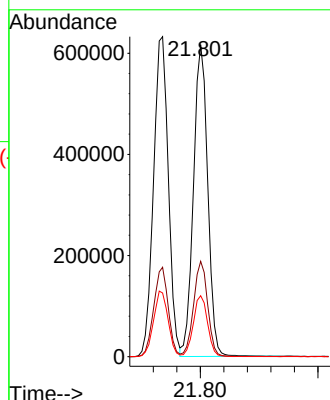
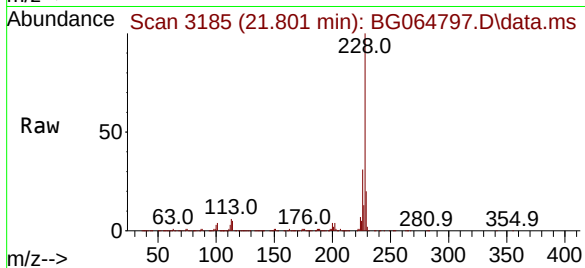
Tgt Ion:228 Resp: 1035528

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.2

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.593 ng

RT: 21.630 min Scan# 3156

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

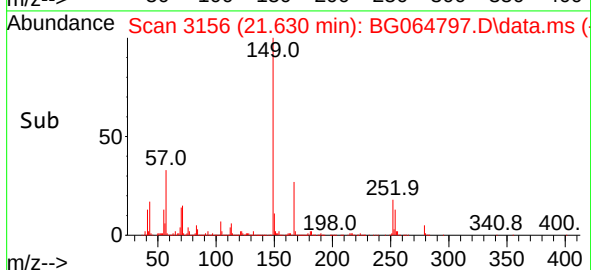
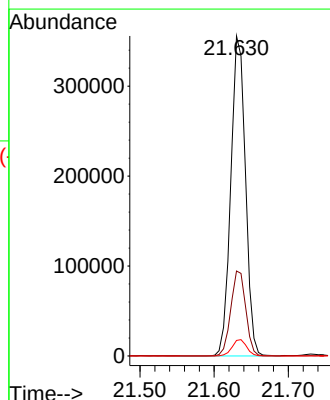
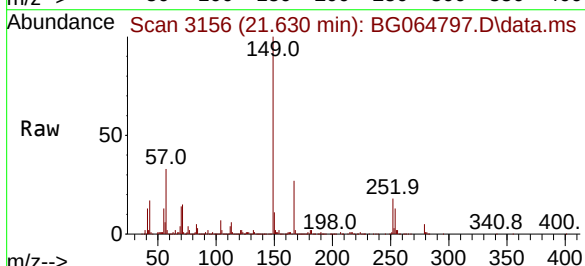
Tgt Ion:149 Resp: 488553

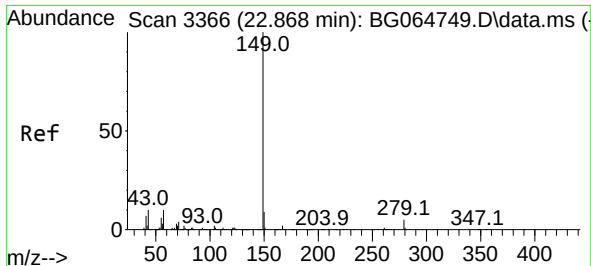
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

279 4.8 4.1 6.1

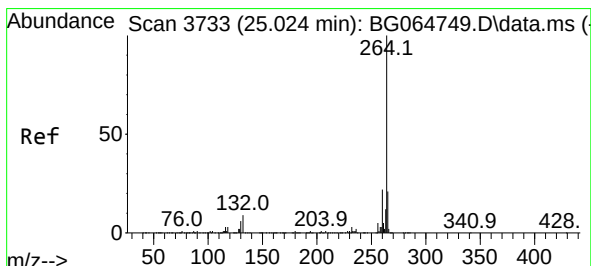
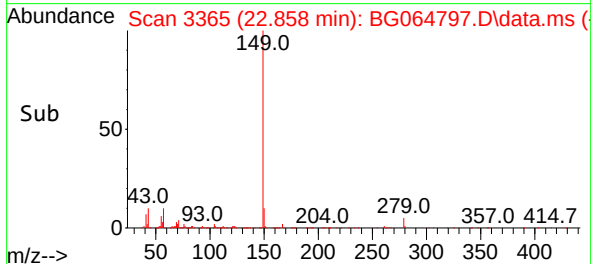
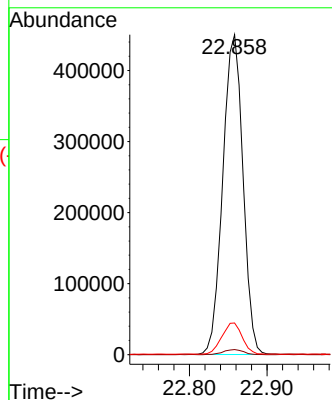
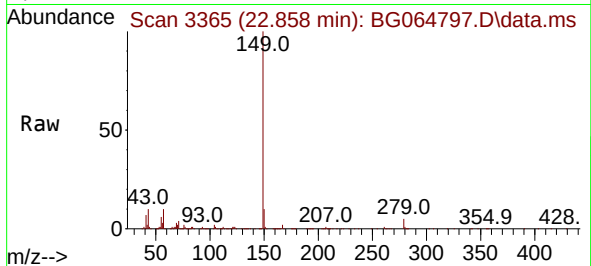




#85
Di-n-octyl phthalate
Concen: 44.047 ng
RT: 22.858 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

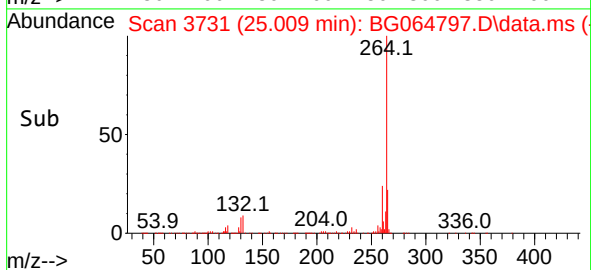
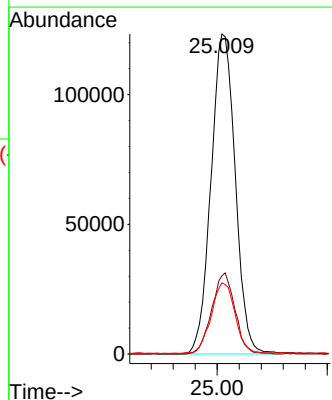
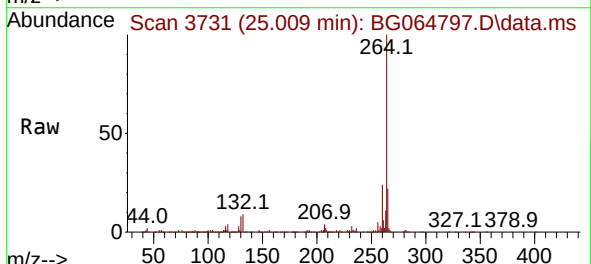
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

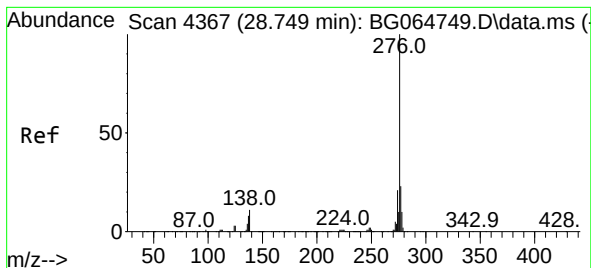
Tgt Ion:149 Resp: 815867
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.8 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:264 Resp: 376972
Ion Ratio Lower Upper
264 100
260 24.5 17.2 25.8
265 22.2 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.547 ng

RT: 28.745 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

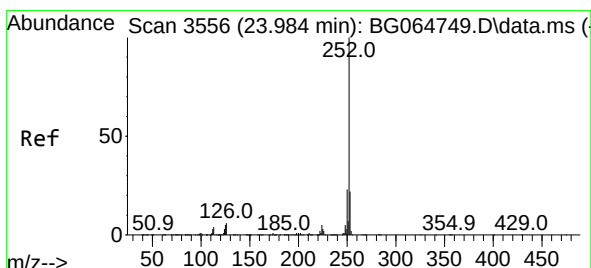
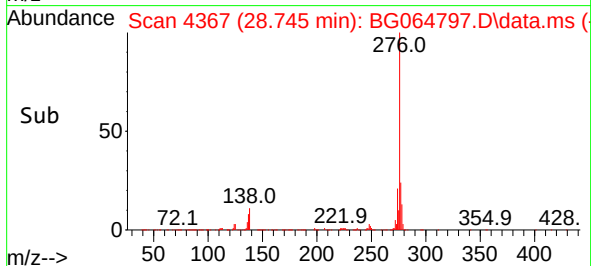
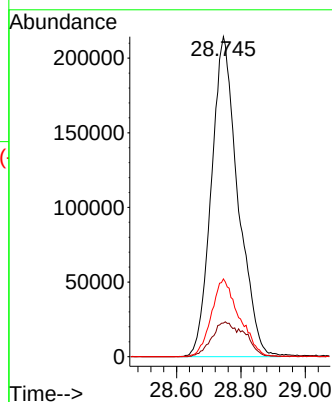
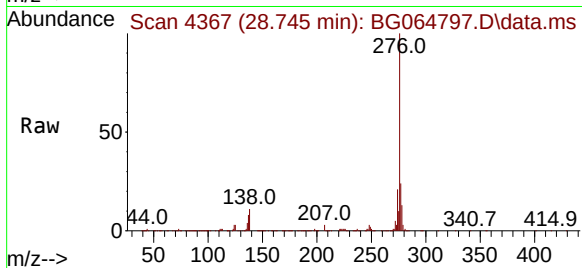
Tgt Ion:276 Resp: 1231434

Ion Ratio Lower Upper

276 100

138 9.2 4.5 6.7#

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 44.280 ng

RT: 23.980 min Scan# 3556

Delta R.T. -0.004 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

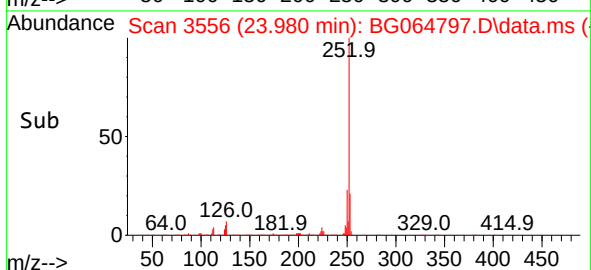
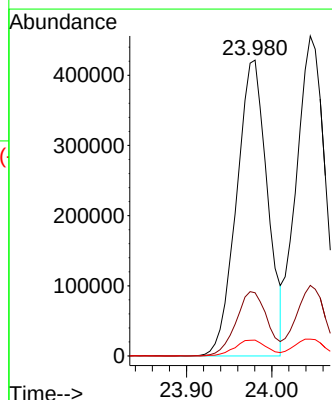
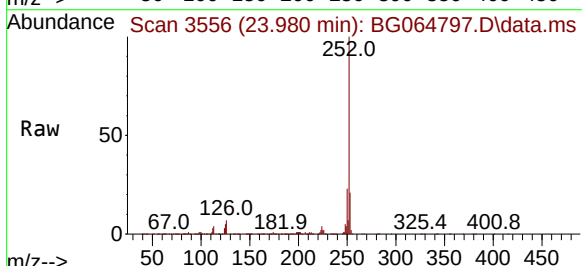
Tgt Ion:252 Resp: 1062278

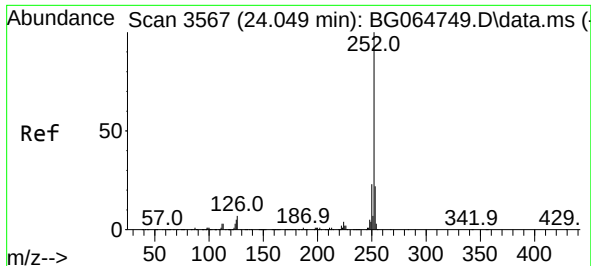
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.4 4.2 6.2

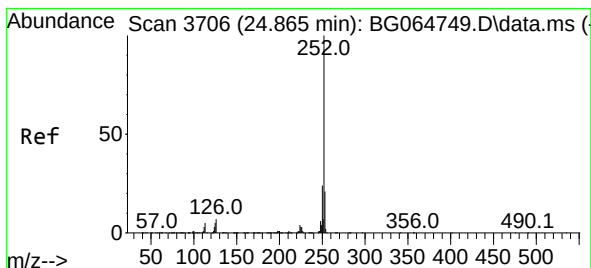
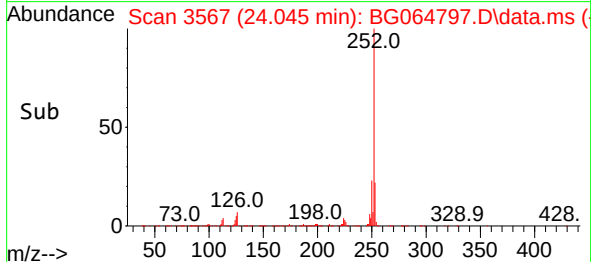
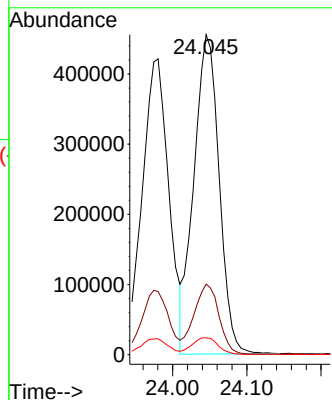
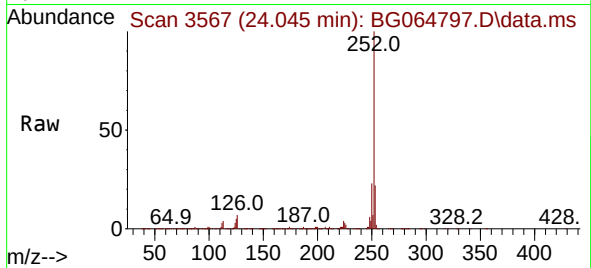




#89
Benzo(k)fluoranthene
Concen: 44.736 ng
RT: 24.045 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

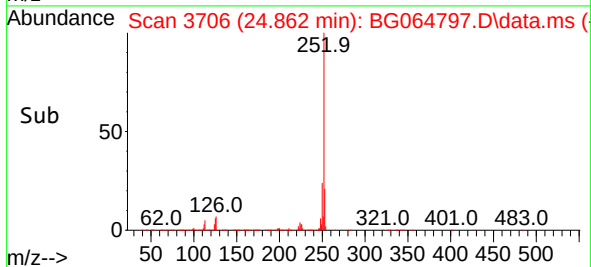
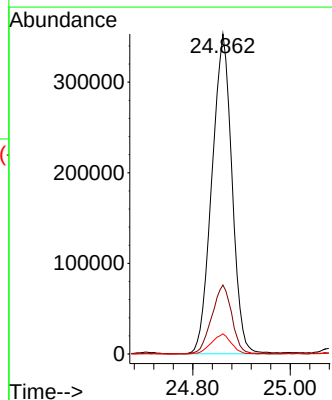
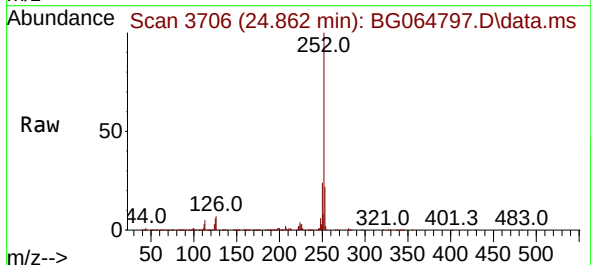
Instrument :
BNA_G
ClientSampleId :
B3-0.0-0.5-20251114MSD

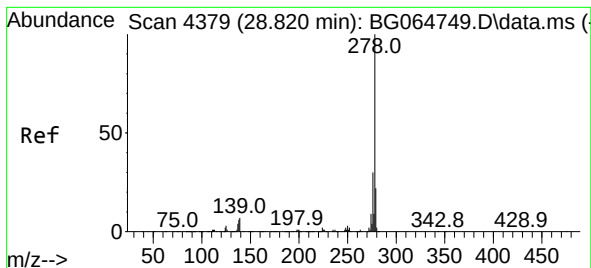
Tgt Ion:252 Resp: 1078196
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 5.2 4.1 6.1



#90
Benzo(a)pyrene
Concen: 45.279 ng
RT: 24.862 min Scan# 3706
Delta R.T. -0.004 min
Lab File: BG064797.D
Acq: 17 Nov 2025 23:31

Tgt Ion:252 Resp: 1007629
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 6.3 4.2 6.4





#91

Dibenzo(a,h)anthracene

Concen: 47.842 ng

RT: 28.810 min Scan# 41

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Instrument :

BNA_G

ClientSampleId :

B3-0.0-0.5-20251114MSD

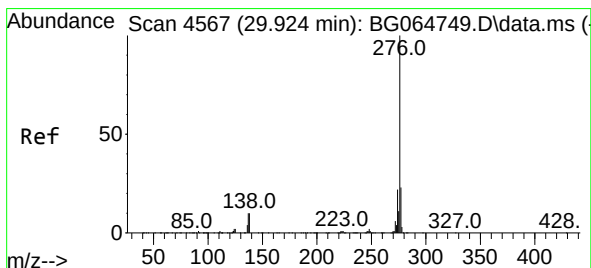
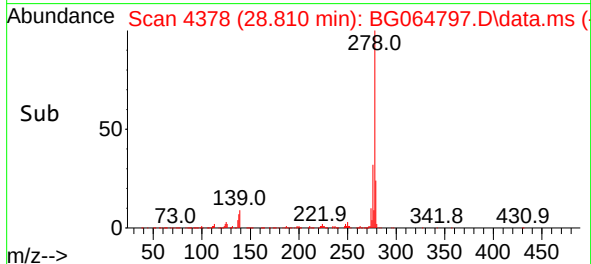
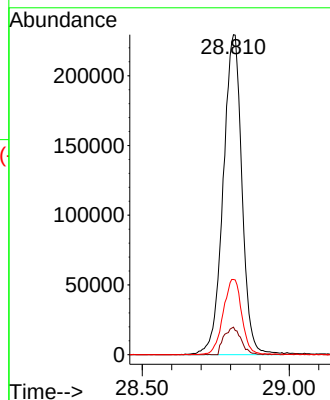
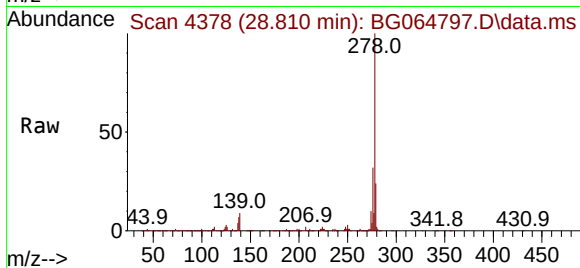
Tgt Ion:278 Resp: 1015062

Ion Ratio Lower Upper

278 100

139 8.6 5.8 8.8

279 23.5 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 47.739 ng

RT: 29.915 min Scan# 4566

Delta R.T. -0.009 min

Lab File: BG064797.D

Acq: 17 Nov 2025 23:31

Tgt Ion:276 Resp: 974807

Ion Ratio Lower Upper

276 100

277 22.8 18.0 27.0

138 11.4 8.2 12.2

