

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064042.D
 Acq On : 3 Mar 2025 17:40
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 08:21:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 08:17:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	34313	20.000	ng	0.00
21) Naphthalene-d8	10.649	136	165030	20.000	ng	# 0.00
39) Acenaphthene-d10	14.486	164	119335	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	270783	20.000	ng	0.00
76) Chrysene-d12	21.460	240	274162	20.000	ng	0.00
86) Perylene-d12	24.474	264	282644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	176820	88.383	ng	0.00
7) Phenol-d6	7.024	99	254968	90.349	ng	0.00
23) Nitrobenzene-d5	9.016	82	258224	90.943	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	115870	89.394	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	634504	80.894	ng	0.00
79) Terphenyl-d14	19.850	244	1072318	79.388	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	36942	36.869	ng	99
3) Pyridine	3.757	79	101546	42.722	ng	99
4) n-Nitrosodimethylamine	3.675	42	68023	39.224	ng	# 100
6) Aniline	7.188	93	126237	41.886	ng	94
8) 2-Chlorophenol	7.429	128	95162	44.719	ng	97
9) Benzaldehyde	7.000	77	72566	43.135	ng	98
10) Phenol	7.053	94	132017	44.916	ng	95
11) bis(2-Chloroethyl)ether	7.288	93	97963	40.172	ng	94
12) 1,3-Dichlorobenzene	7.752	146	99829	39.406	ng	99
13) 1,4-Dichlorobenzene	7.899	146	103631	39.572	ng	97
14) 1,2-Dichlorobenzene	8.217	146	101037	40.410	ng	95
15) Benzyl Alcohol	8.093	79	102244	44.146	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.399	45	227014	41.331	ng	98
17) 2-Methylphenol	8.299	107	88942	44.965	ng	97
18) Hexachloroethane	8.945	117	37885	43.168	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	100215	45.329	ng	98
20) 3+4-Methylphenols	8.628	107	123762	43.605	ng	97
22) Acetophenone	8.681	105	183845	40.369	ng	98
24) Nitrobenzene	9.057	77	133365	44.518	ng	94
25) Isophorone	9.580	82	259841	43.066	ng	99
26) 2-Nitrophenol	9.768	139	39255	48.302	ng	# 87
27) 2,4-Dimethylphenol	9.826	122	75007	46.762	ng	98
28) bis(2-Chloroethoxy)met...	10.062	93	152291	41.053	ng	98
29) 2,4-Dichlorophenol	10.297	162	96241	41.806	ng	94
30) 1,2,4-Trichlorobenzene	10.514	180	107666	39.996	ng	98
31) Naphthalene	10.702	128	355940	40.044	ng	99
32) Benzoic acid	9.973	122	49505	46.200	ng	95
33) 4-Chloroaniline	10.802	127	141248	42.922	ng	98
34) Hexachlorobutadiene	10.996	225	69839	39.907	ng	97
35) Caprolactam	11.572	113	39142	48.775	ng	# 86
36) 4-Chloro-3-methylphenol	11.930	107	127715	45.277	ng	98
37) 2-Methylnaphthalene	12.312	142	261977	40.845	ng	99
38) 1-Methylnaphthalene	12.529	142	258614	40.385	ng	99
40) 1,2,4,5-Tetrachloroben...	12.682	216	136506	41.205	ng	98
41) Hexachlorocyclopentadiene	12.664	237	38887	43.968	ng	94
43) 2,4,6-Trichlorophenol	12.917	196	86051	42.600	ng	93

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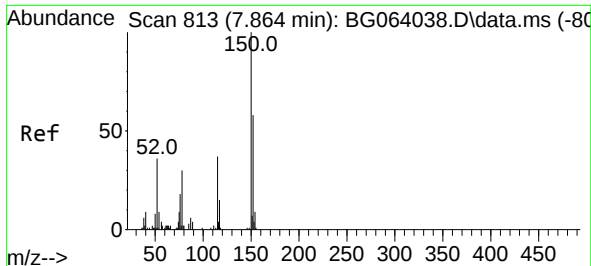
Quant Time: Mar 04 08:21:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	94775	42.067	ng	90
46) 1,1'-Biphenyl	13.322	154	367681	40.407	ng	99
47) 2-Chloronaphthalene	13.364	162	266647	40.730	ng	98
48) 2-Nitroaniline	13.557	65	88709	47.179	ng	91
49) Acenaphthylene	14.210	152	428384	41.454	ng	98
50) Dimethylphthalate	13.951	163	365593	46.746	ng	99
51) 2,6-Dinitrotoluene	14.057	165	73115	43.480	ng	93
52) Acenaphthene	14.550	154	294223	41.593	ng	99
53) 3-Nitroaniline	14.386	138	75480	42.808	ng	96
54) 2,4-Dinitrophenol	14.591	184	25435	49.777	ng	98
55) Dibenzofuran	14.885	168	462220	40.869	ng	99
56) 4-Nitrophenol	14.691	139	60753	45.033	ng	93
57) 2,4-Dinitrotoluene	14.844	165	97820	42.564	ng	# 98
58) Fluorene	15.537	166	355294	40.734	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.109	232	96614	45.151	ng	97
60) Diethylphthalate	15.314	149	399653	48.305	ng	98
61) 4-Chlorophenyl-phenyle...	15.532	204	179629	40.741	ng	95
62) 4-Nitroaniline	15.549	138	77757	41.577	ng	96
63) Azobenzene	15.825	77	425535	41.078	ng	100
65) 4,6-Dinitro-2-methylph...	15.608	198	41411	48.356	ng	96
66) n-Nitrosodiphenylamine	15.743	169	312661	41.585	ng	97
67) 4-Bromophenyl-phenylether	16.425	248	114254	41.104	ng	98
68) Hexachlorobenzene	16.536	284	127511	41.192	ng	97
69) Atrazine	16.695	200	90364	53.408	ng	99
70) Pentachlorophenol	16.877	266	79372	44.133	ng	95
71) Phenanthrene	17.271	178	579001	40.186	ng	99
72) Anthracene	17.359	178	582986	40.706	ng	99
73) Carbazole	17.629	167	534187	41.975	ng	98
74) Di-n-butylphthalate	18.205	149	656926	43.835	ng	99
75) Fluoranthene	19.280	202	690345	40.913	ng	98
77) Benzidine	19.462	184	186320	52.807	ng	96
78) Pyrene	19.639	202	715006	40.872	ng	100
80) Butylbenzylphthalate	20.543	149	241918	49.445	ng	98
81) Benzo(a)anthracene	21.442	228	701038	40.122	ng	99
82) 3,3'-Dichlorobenzidine	21.366	252	237809	47.248	ng	100
83) Chrysene	21.507	228	698429	39.905	ng	98
84) Bis(2-ethylhexyl)phtha...	21.378	149	397977	46.676	ng	# 99
85) Di-n-octyl phthalate	22.529	149	648238	46.949	ng	96
87) Indeno(1,2,3-cd)pyrene	27.876	276	789846	42.045	ng	98
88) Benzo(b)fluoranthene	23.528	252	705779	41.799	ng	98
89) Benzo(k)fluoranthene	23.593	252	709958	41.312	ng	99
90) Benzo(a)pyrene	24.333	252	628465	41.732	ng	99
91) Dibenzo(a,h)anthracene	27.935	278	657857	42.393	ng	99
92) Benzo(g,h,i)perylene	28.939	276	669648	41.440	ng	99

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

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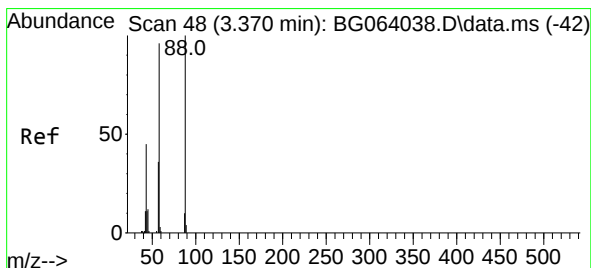
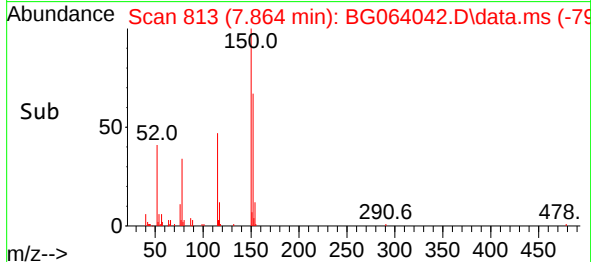
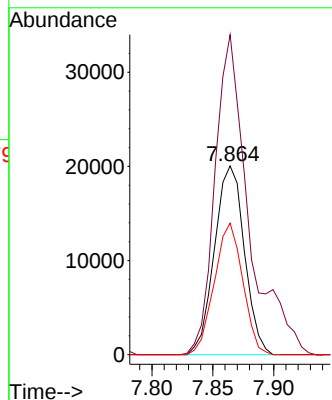
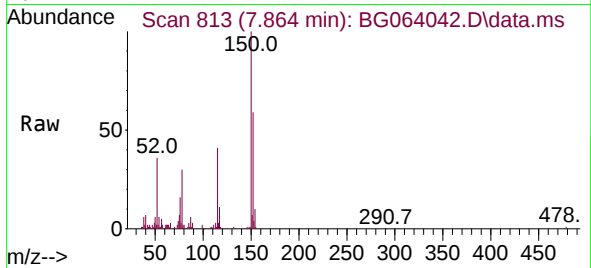




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

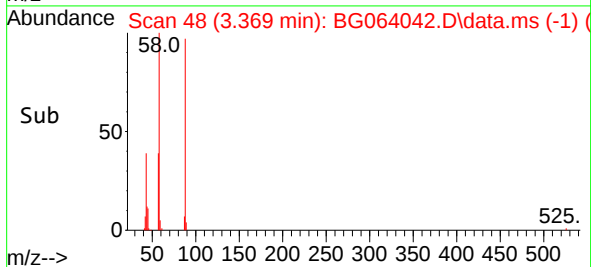
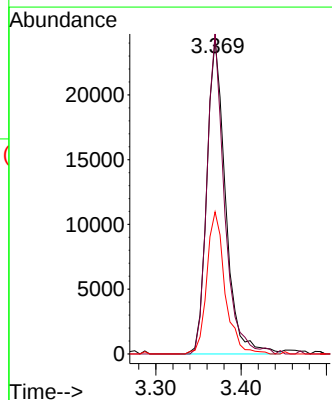
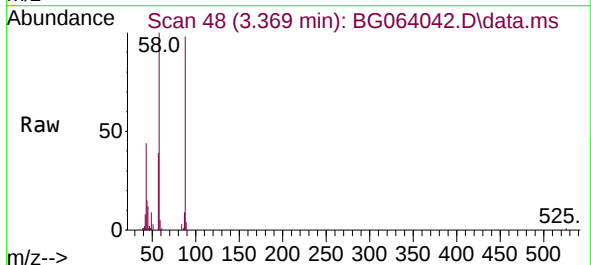
Instrument :
BNA_G
ClientSampleId :

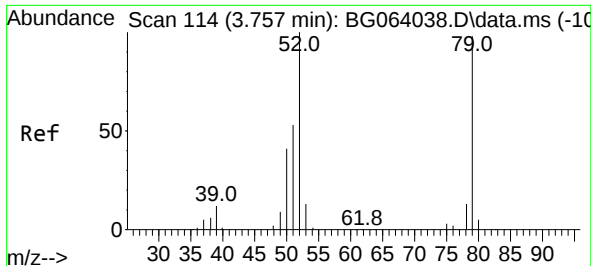
Tgt Ion:152 Resp: 34313
Ion Ratio Lower Upper
152 100
150 169.4 137.7 206.5
115 69.6 51.4 77.2



#2
1,4-Dioxane
Concen: 36.869 ng
RT: 3.369 min Scan# 48
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

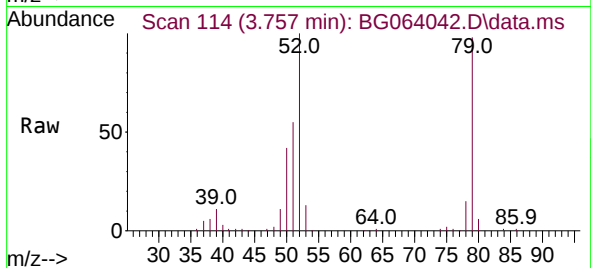
Tgt Ion: 88 Resp: 36942
Ion Ratio Lower Upper
88 100
58 95.5 77.0 115.6
43 44.0 34.6 52.0



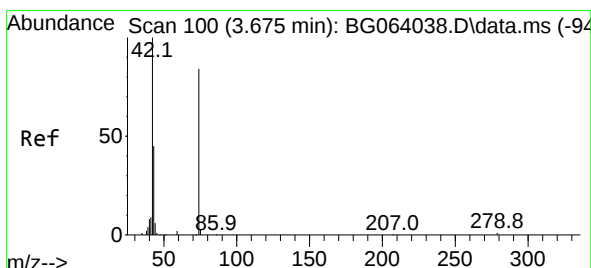
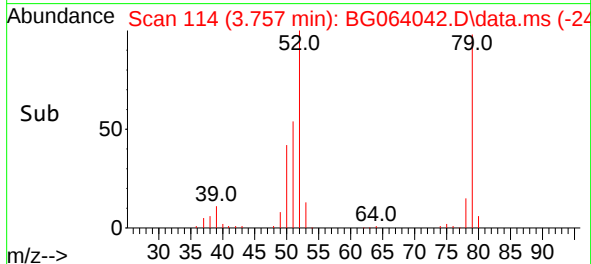
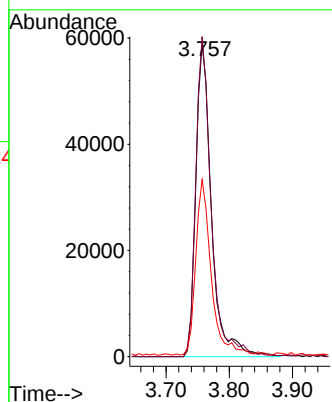


#3
Pyridine
Concen: 42.722 ng
RT: 3.757 min Scan# 114
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :

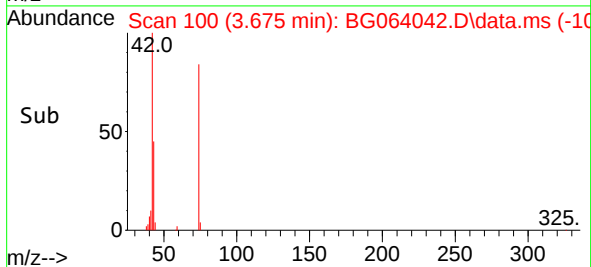
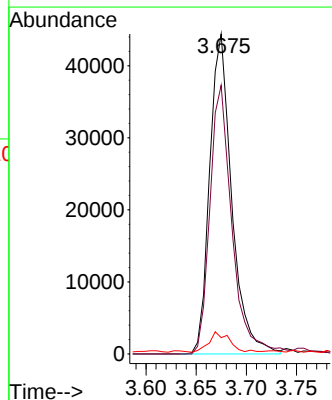
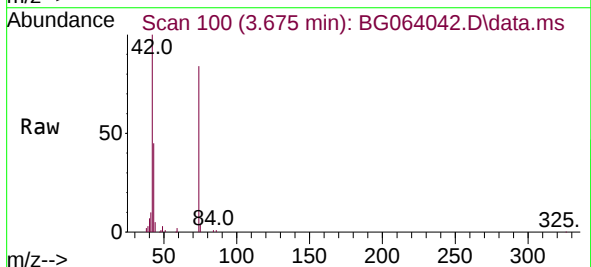


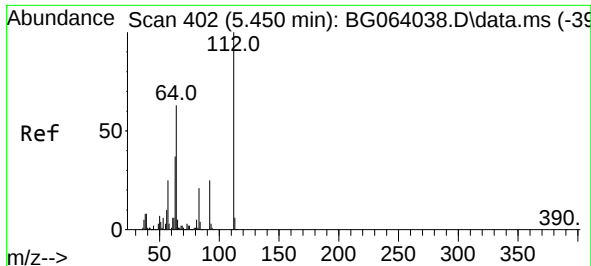
Tgt Ion: 79 Resp: 101546
Ion Ratio Lower Upper
79 100
52 102.3 82.0 123.0
51 56.6 44.2 66.2



#4
n-Nitrosodimethylamine
Concen: 39.224 ng
RT: 3.675 min Scan# 100
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion: 42 Resp: 68023
Ion Ratio Lower Upper
42 100
74 83.9 67.2 100.8
44 5.1 5.6 8.4#

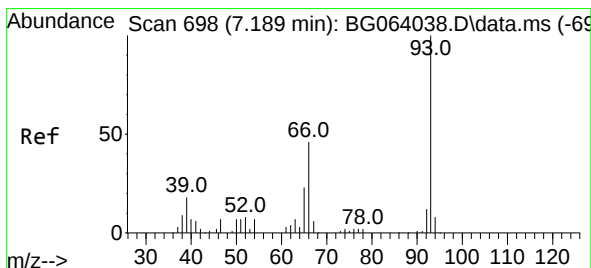
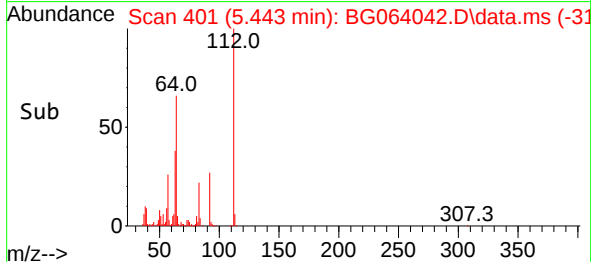
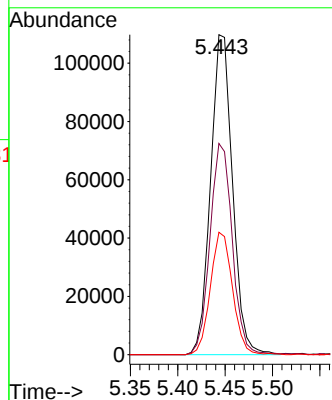
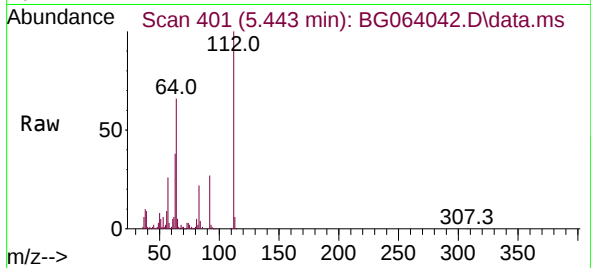




#5
2-Fluorophenol
Concen: 88.383 ng
RT: 5.443 min Scan# 402
Delta R.T. -0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

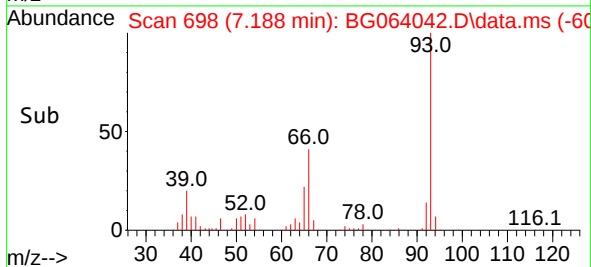
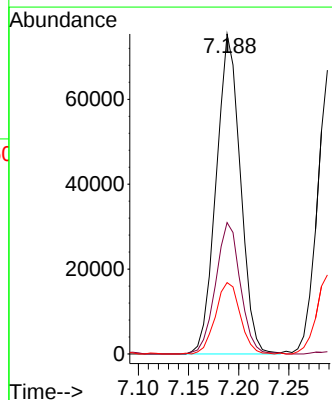
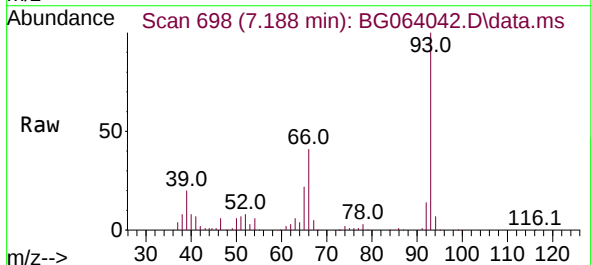
Instrument :
BNA_G
ClientSampleId :

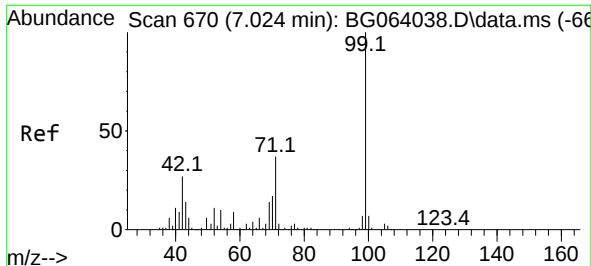
Tgt Ion:112 Resp: 176820
Ion Ratio Lower Upper
112 100
64 66.0 50.5 75.7
63 38.2 29.8 44.6



#6
Aniline
Concen: 41.886 ng
RT: 7.188 min Scan# 698
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

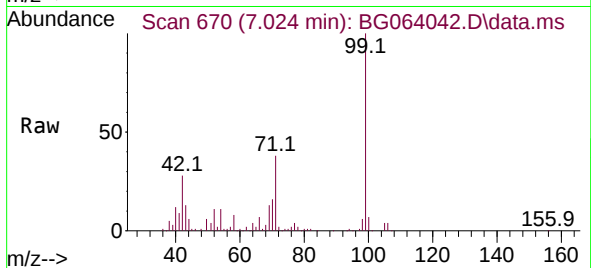
Tgt Ion: 93 Resp: 126237
Ion Ratio Lower Upper
93 100
66 41.1 37.1 55.7
65 22.3 18.2 27.2





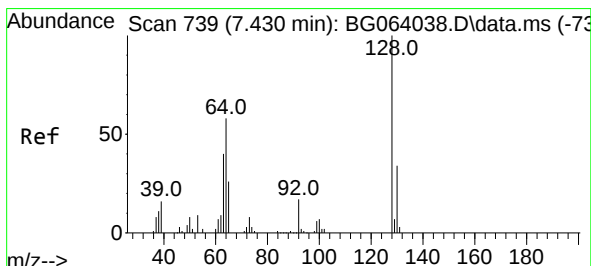
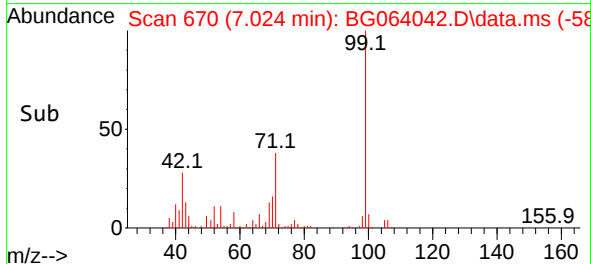
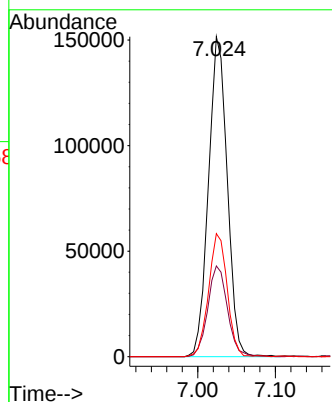
#7
Phenol-d6
Concen: 90.349 ng
RT: 7.024 min Scan# 610
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :



Tgt Ion: 99 Resp: 254968

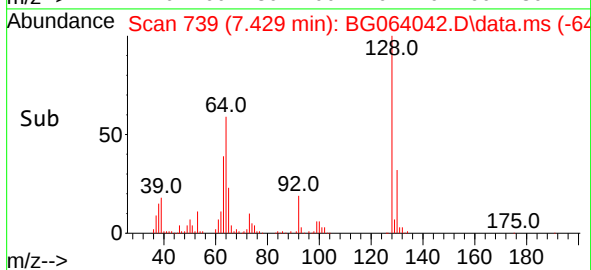
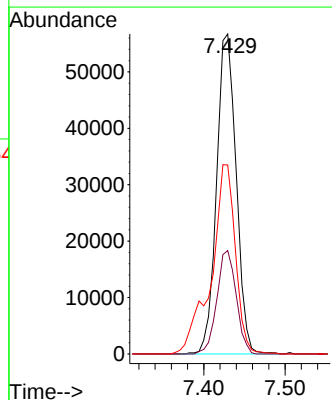
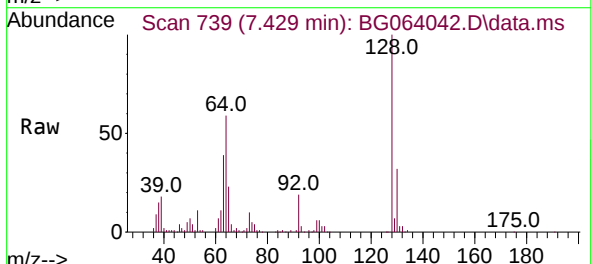
Ion	Ratio	Lower	Upper
99	100		
42	28.4	21.9	32.9
71	38.5	29.5	44.3

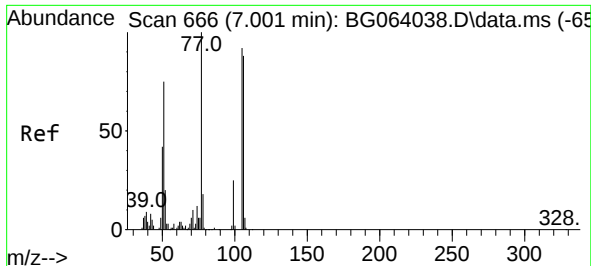


#8
2-Chlorophenol
Concen: 44.719 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:128 Resp: 95162

Ion	Ratio	Lower	Upper
128	100		
130	32.3	14.4	54.4
64	59.0	40.7	80.7

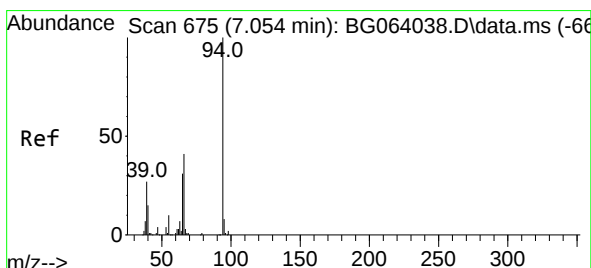
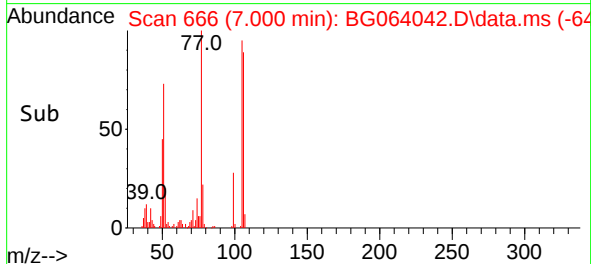
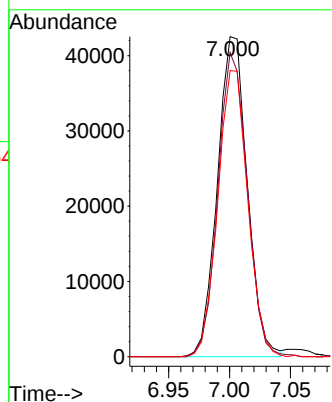
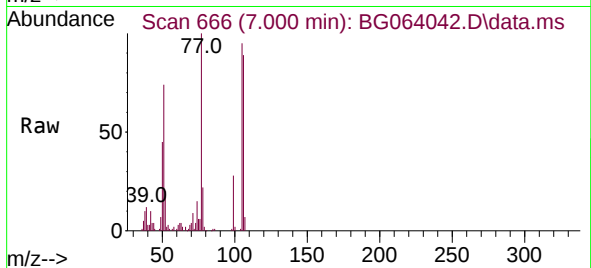




#9
Benzaldehyde
Concen: 43.135 ng
RT: 7.000 min Scan# 666
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

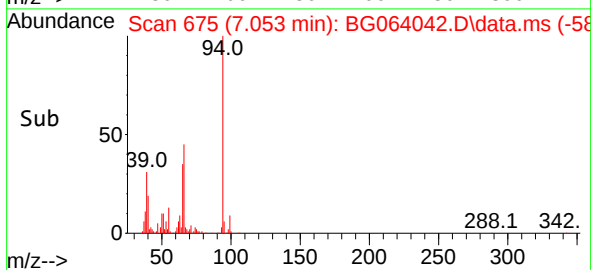
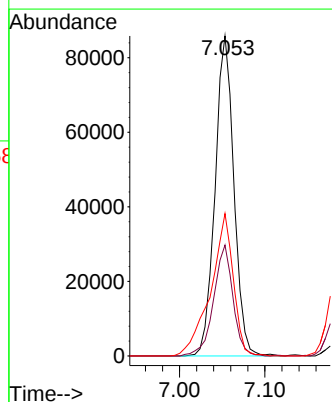
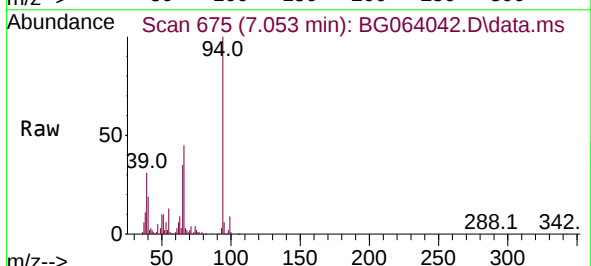
Instrument :
BNA_G
ClientSampleId :

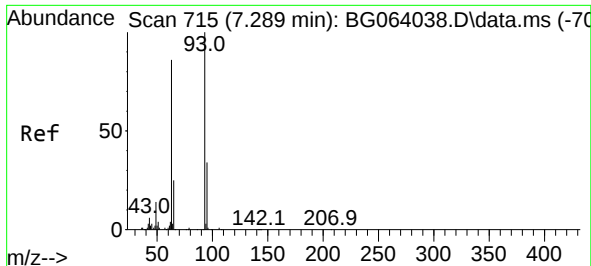
Tgt Ion: 77 Resp: 72566
Ion Ratio Lower Upper
77 100
105 95.1 72.0 112.0
106 89.4 68.0 108.0



#10
Phenol
Concen: 44.916 ng
RT: 7.053 min Scan# 675
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion: 94 Resp: 132017
Ion Ratio Lower Upper
94 100
65 34.6 11.8 51.8
66 44.5 21.6 61.6

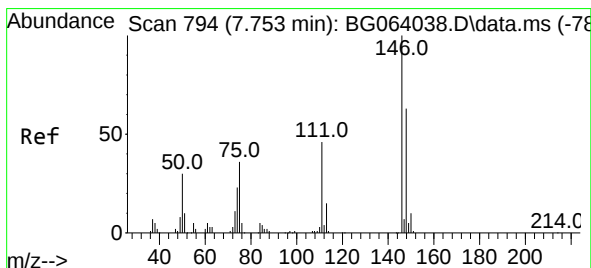
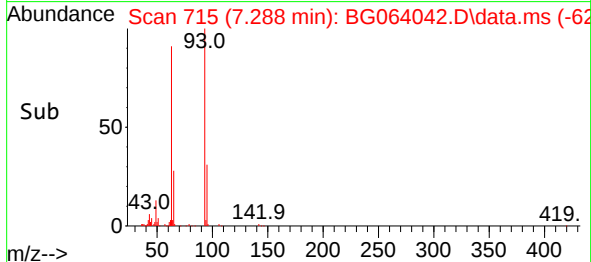
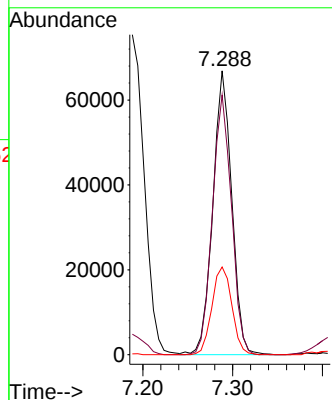
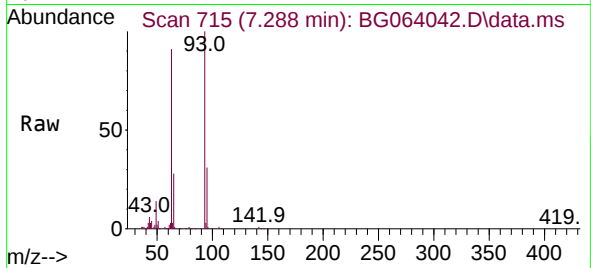




#11
bis(2-Chloroethyl)ether
Concen: 40.172 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

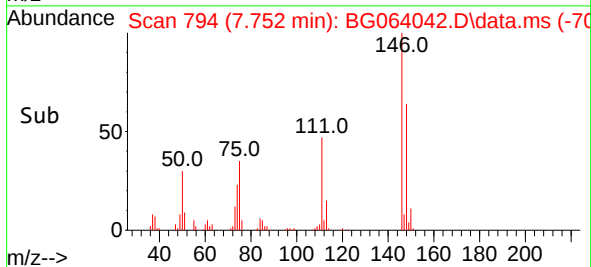
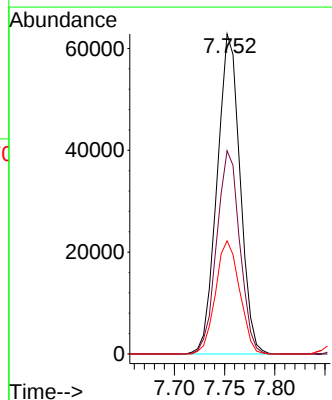
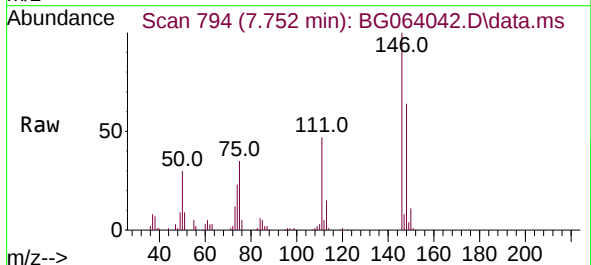
Instrument :
BNA_G
ClientSampleId :

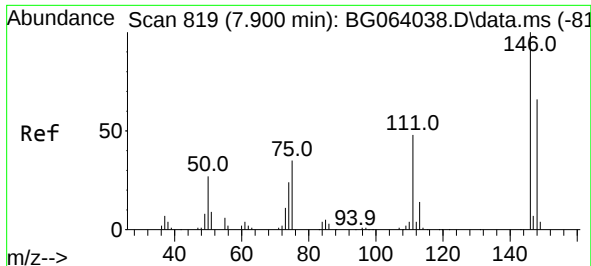
Tgt Ion: 93 Resp: 97963
Ion Ratio Lower Upper
93 100
63 91.5 65.7 105.7
95 30.9 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 39.406 ng
RT: 7.752 min Scan# 794
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:146 Resp: 99829
Ion Ratio Lower Upper
146 100
148 63.5 50.6 76.0
75 35.3 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 39.572 ng

RT: 7.899 min Scan# 819

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

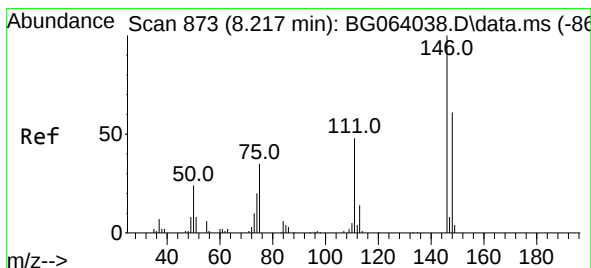
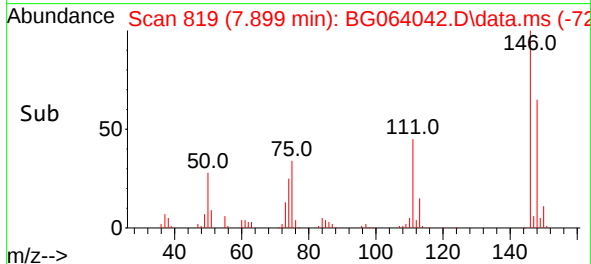
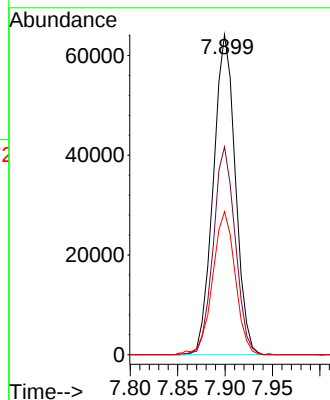
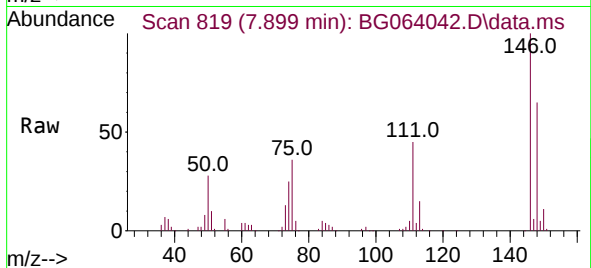
Tgt Ion:146 Resp: 103631

Ion Ratio Lower Upper

146 100

148 64.9 52.5 78.7

111 44.7 38.5 57.7



#14

1,2-Dichlorobenzene

Concen: 40.410 ng

RT: 8.217 min Scan# 873

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

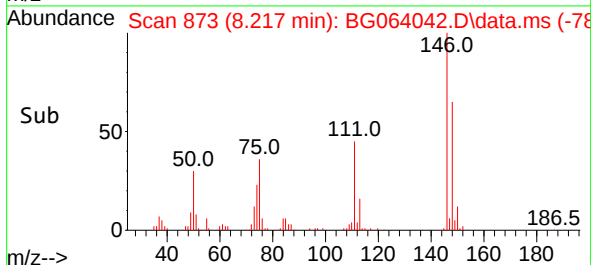
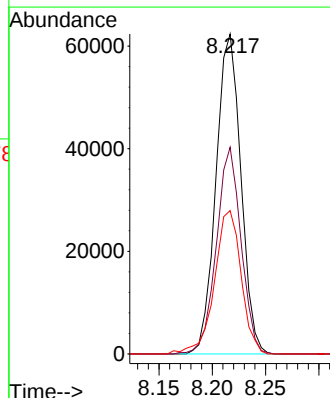
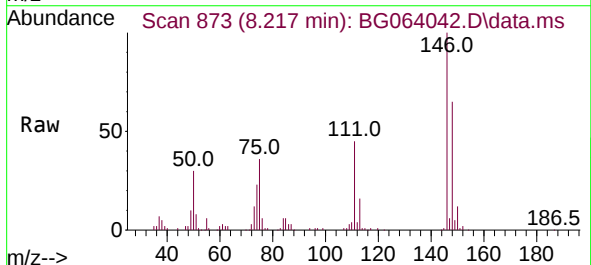
Tgt Ion:146 Resp: 101037

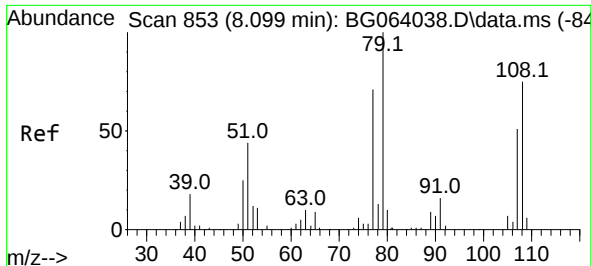
Ion Ratio Lower Upper

146 100

148 64.6 48.8 73.2

111 44.8 38.8 58.2

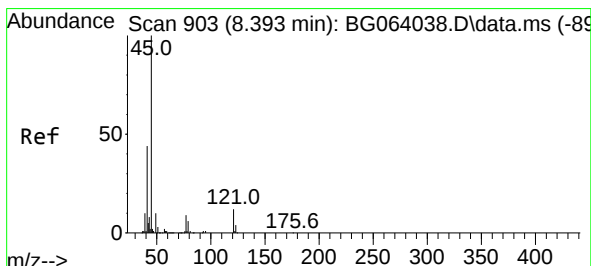
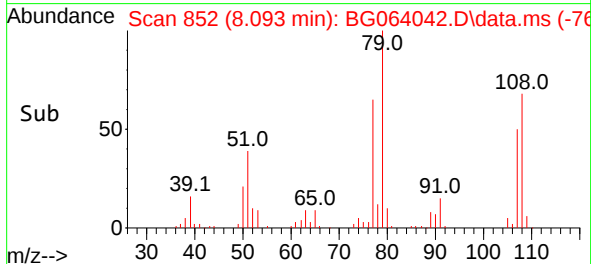
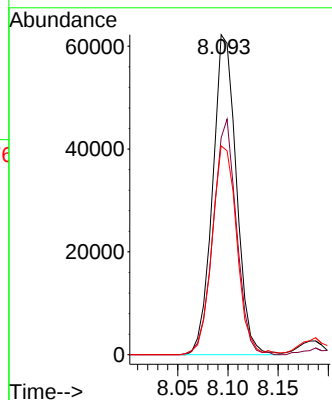
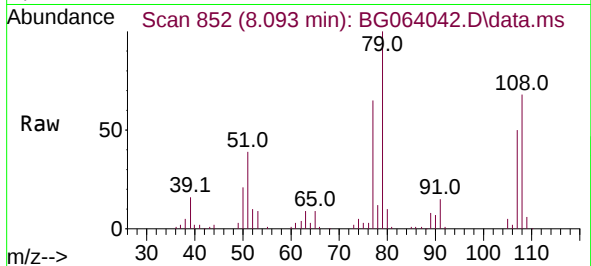




#15
Benzyl Alcohol
Concen: 44.146 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

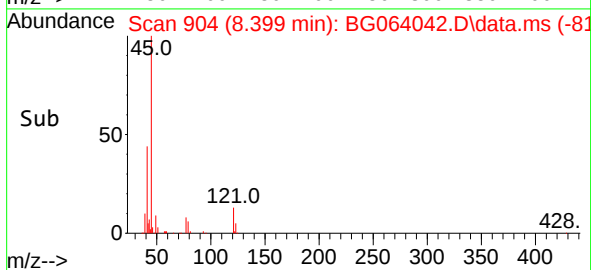
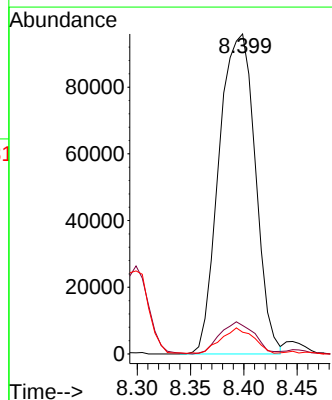
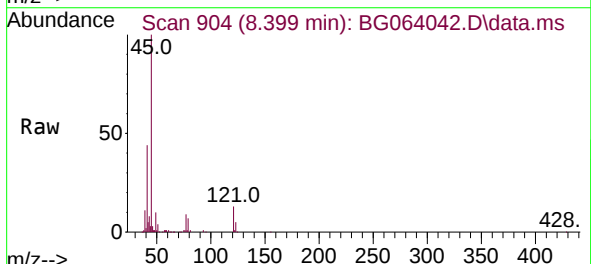
Instrument :
BNA_G
ClientSampleId :

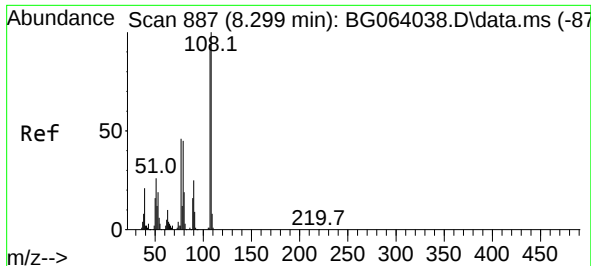
Tgt Ion: 79 Resp: 102244
Ion Ratio Lower Upper
79 100
108 67.8 60.0 90.0
77 65.2 56.9 85.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.331 ng
RT: 8.399 min Scan# 904
Delta R.T. 0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion: 45 Resp: 227014
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.8
79 6.8 0.0 26.5





#17

2-Methylphenol

Concen: 44.965 ng

RT: 8.299 min Scan# 887

Delta R.T. -0.000 min

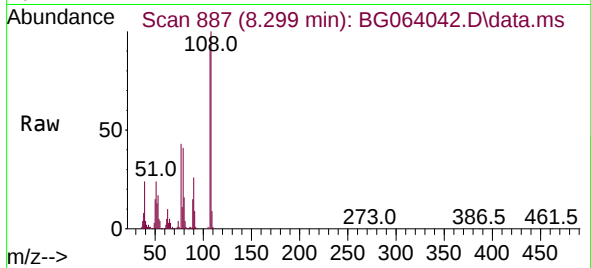
Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:107 Resp: 88942

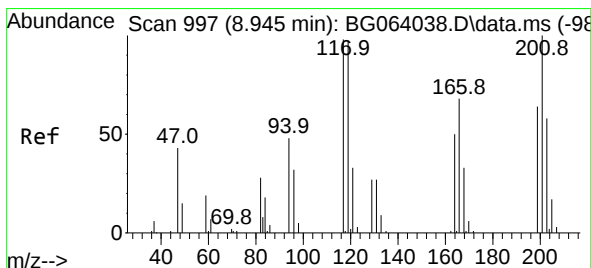
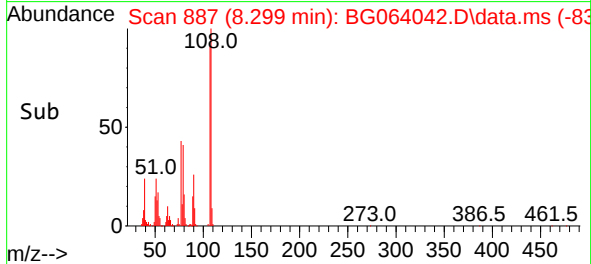
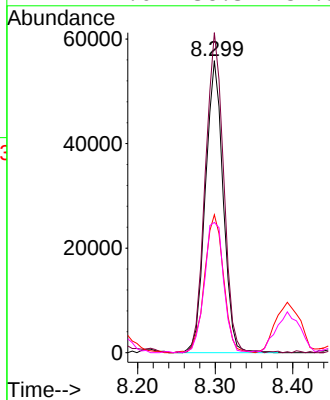
Ion Ratio Lower Upper

107 100

108 109.6 85.5 128.3

77 47.2 39.0 58.4

79 44.6 38.3 57.5



#18

Hexachloroethane

Concen: 43.168 ng

RT: 8.945 min Scan# 997

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

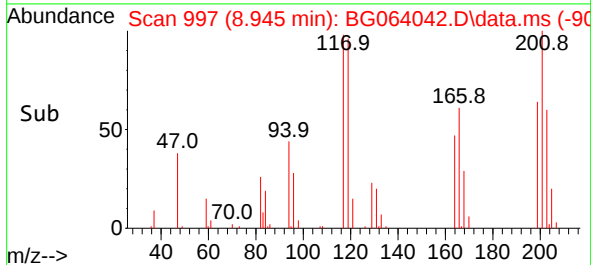
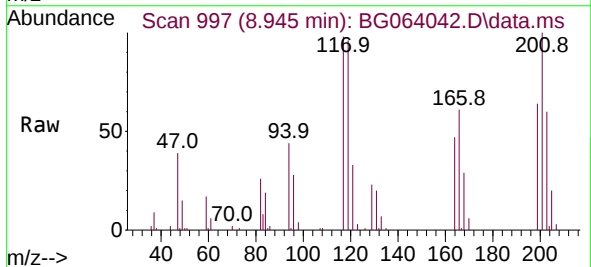
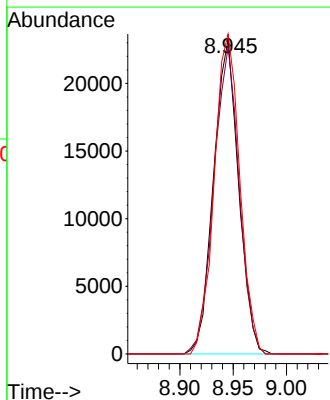
Tgt Ion:117 Resp: 37885

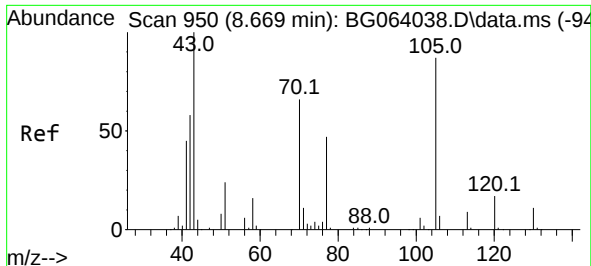
Ion Ratio Lower Upper

117 100

119 97.6 78.6 117.8

201 101.8 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.329 ng

RT: 8.669 min Scan# 91

Delta R.T. -0.000 min

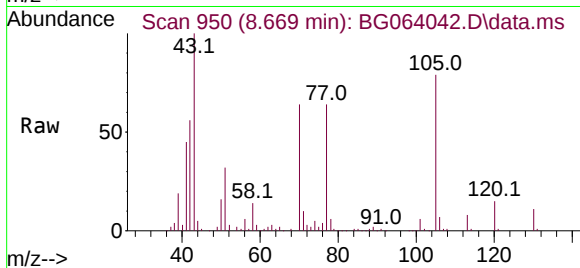
Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 70 Resp: 100215

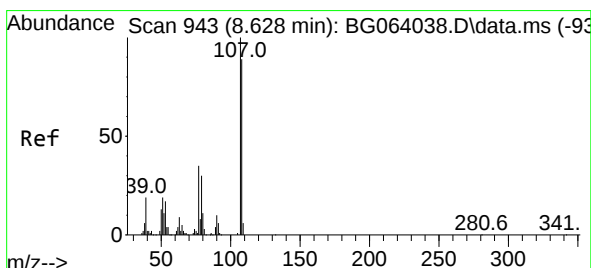
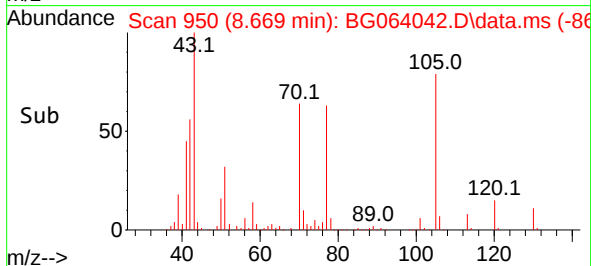
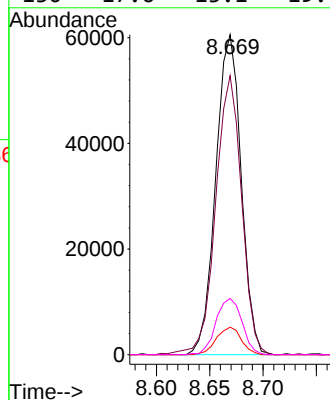
Ion Ratio Lower Upper

70 100

42 87.2 71.0 106.6

101 8.6 7.3 10.9

130 17.6 13.1 19.7



#20

3+4-Methylphenols

Concen: 43.605 ng

RT: 8.628 min Scan# 943

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Tgt Ion:107 Resp: 123762

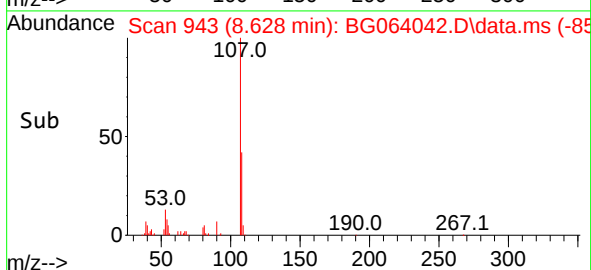
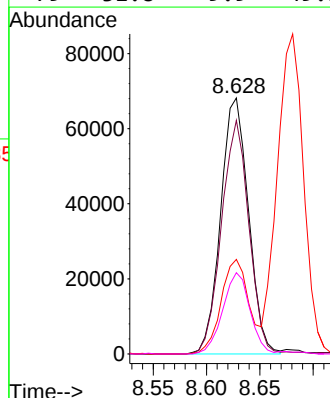
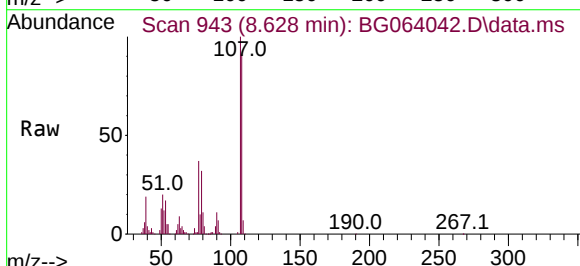
Ion Ratio Lower Upper

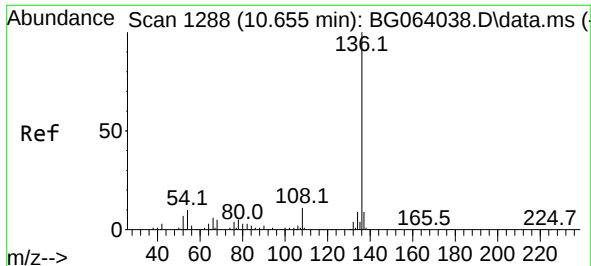
107 100

108 91.3 69.3 109.3

77 36.9 14.7 54.7

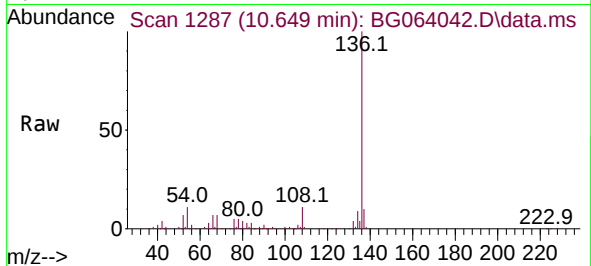
79 31.8 9.9 49.9





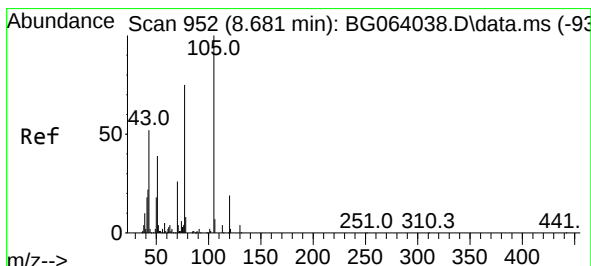
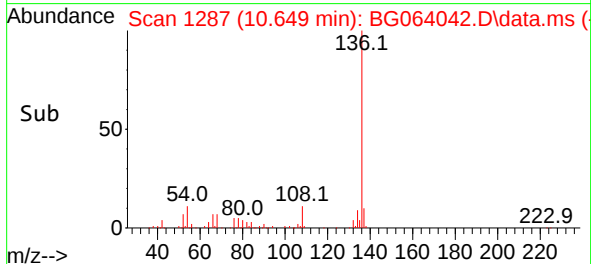
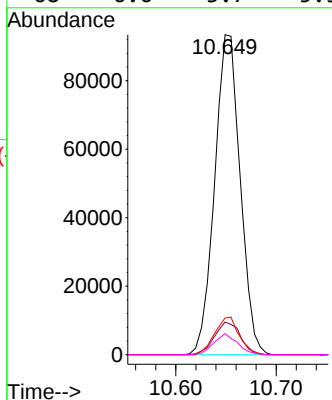
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:136 Resp: 165030

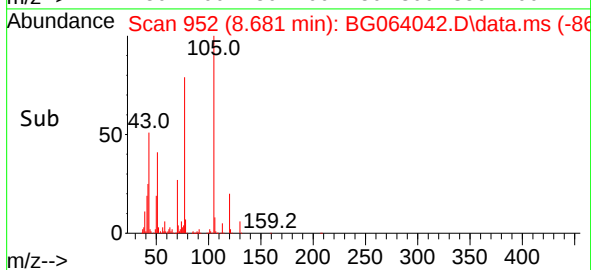
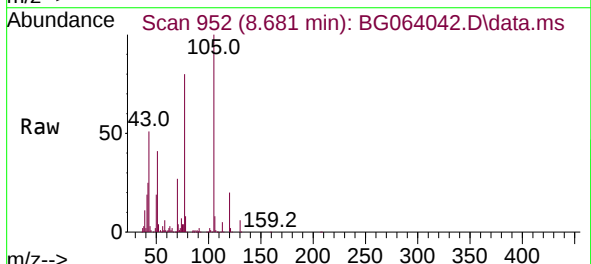
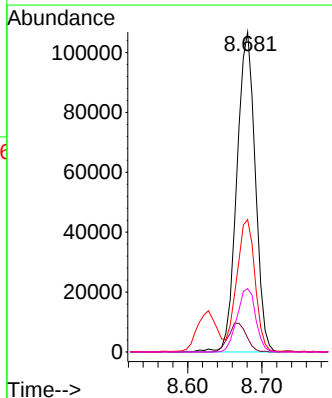
Ion	Ratio	Lower	Upper
136	100		
137	10.2	7.3	10.9
54	11.4	8.2	12.4
68	6.6	3.7	5.5

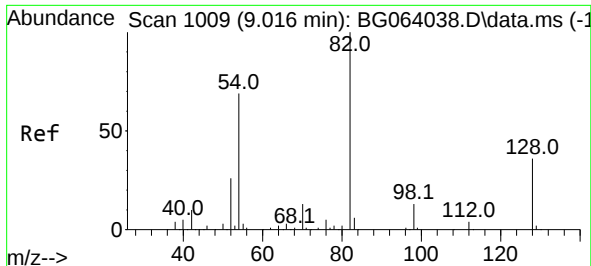


#22
Acetophenone
Concen: 40.369 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:105 Resp: 183845

Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.2	4.8
51	41.4	32.0	48.0
120	19.8	15.3	22.9

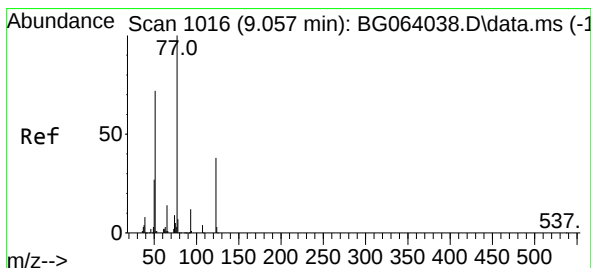
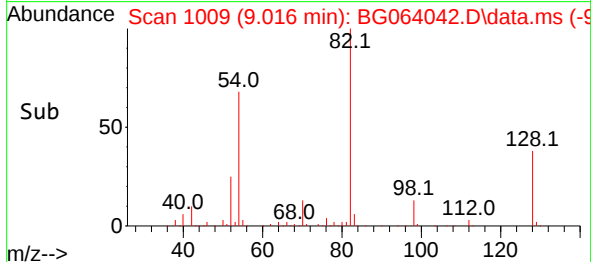
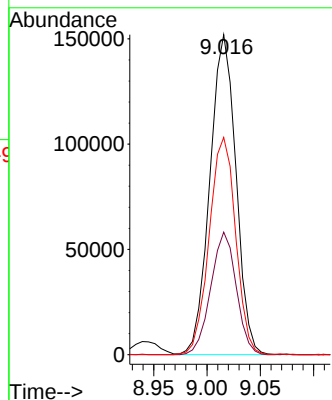
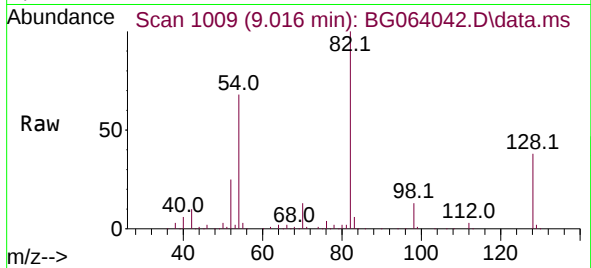




#23
Nitrobenzene-d5
Concen: 90.943 ng
RT: 9.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

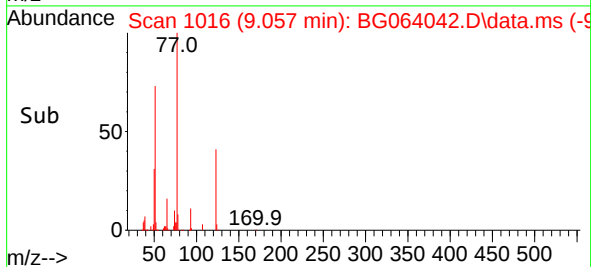
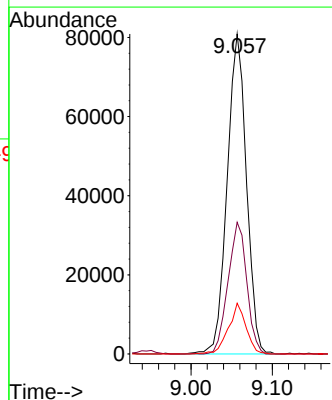
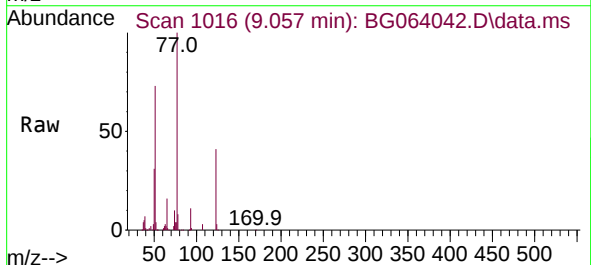
Instrument :
BNA_G
ClientSampleId :

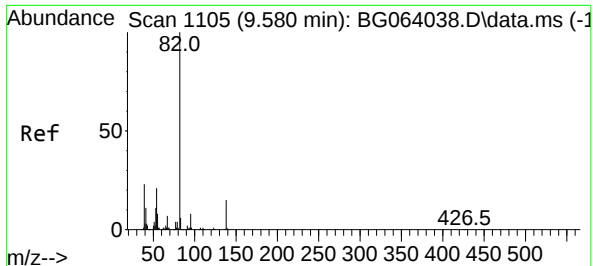
Tgt Ion: 82 Resp: 258224
Ion Ratio Lower Upper
82 100
128 38.3 28.3 42.5
54 67.9 55.4 83.0



#24
Nitrobenzene
Concen: 44.518 ng
RT: 9.057 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion: 77 Resp: 133365
Ion Ratio Lower Upper
77 100
123 41.1 30.1 45.1
65 15.8 11.1 16.7

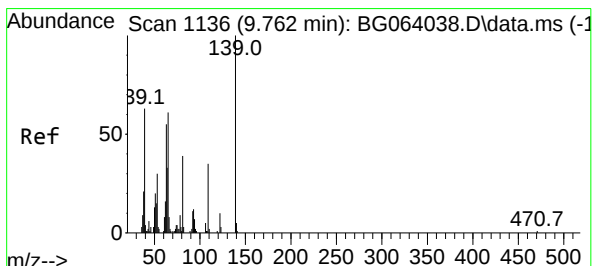
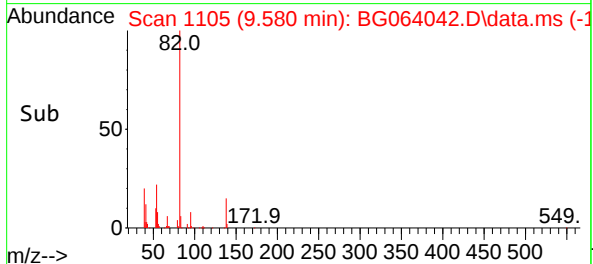
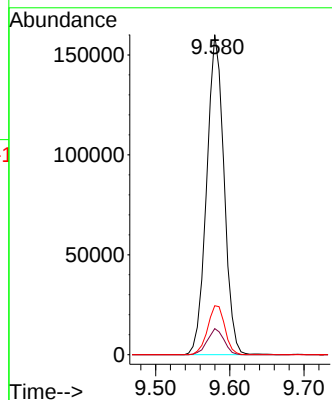
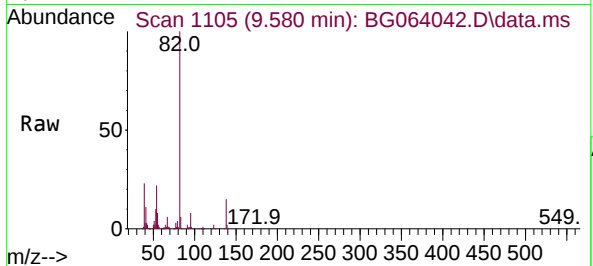




#25
Isophorone
Concen: 43.066 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

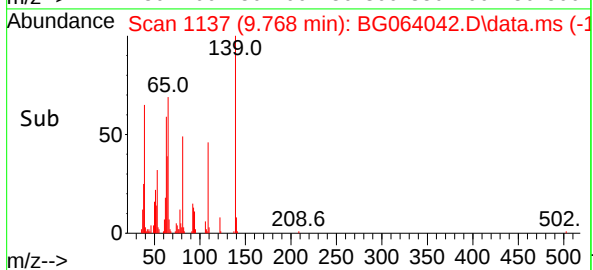
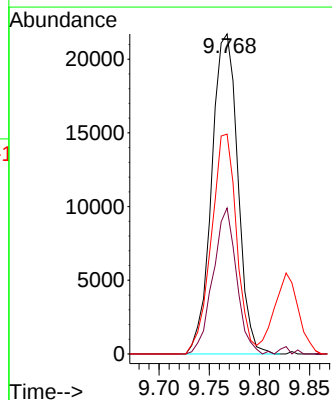
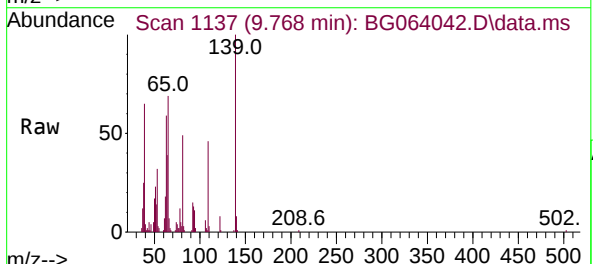
Instrument :
BNA_G
ClientSampleId :

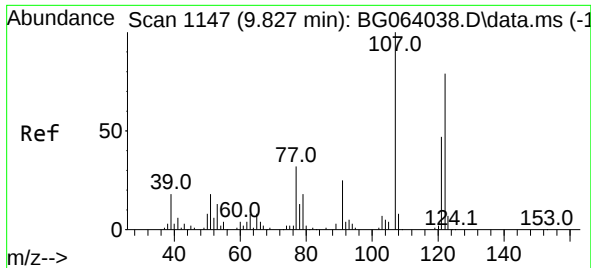
Tgt Ion: 82 Resp: 259841
Ion Ratio Lower Upper
82 100
95 8.2 6.3 9.5
138 15.3 12.1 18.1



#26
2-Nitrophenol
Concen: 48.302 ng
RT: 9.768 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:139 Resp: 39255
Ion Ratio Lower Upper
139 100
109 45.6 28.1 42.1#
65 68.7 49.1 73.7





#27

2,4-Dimethylphenol

Concen: 46.762 ng

RT: 9.826 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

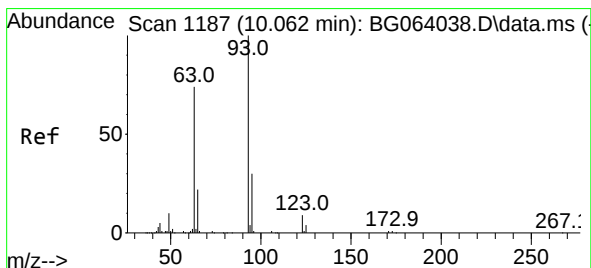
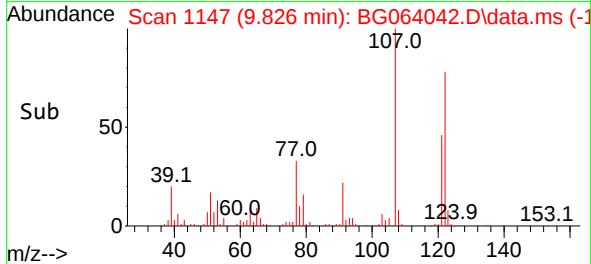
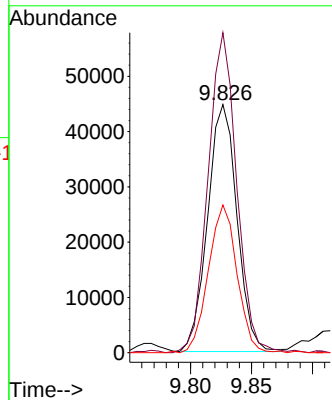
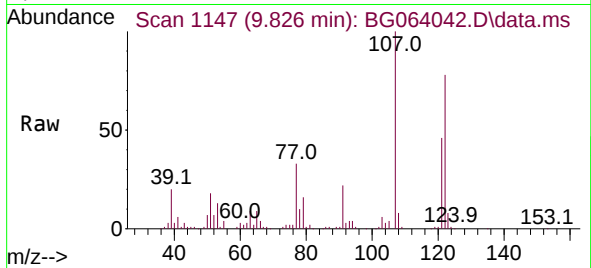
Tgt Ion:122 Resp: 75007

Ion Ratio Lower Upper

122 100

107 128.9 101.2 151.8

121 59.5 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 41.053 ng

RT: 10.062 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

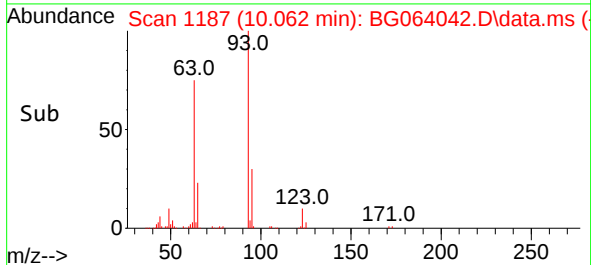
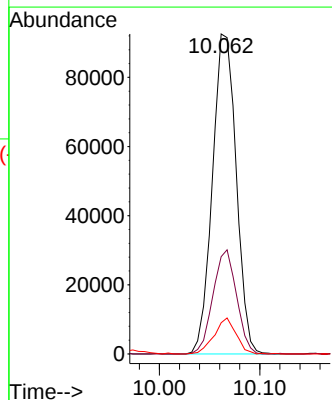
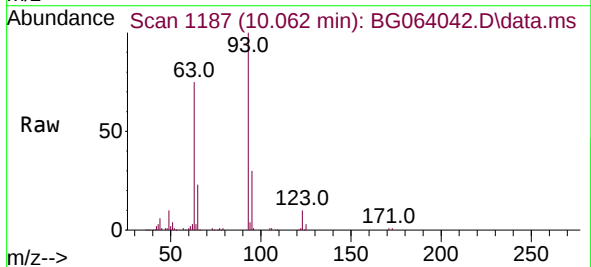
Tgt Ion: 93 Resp: 152291

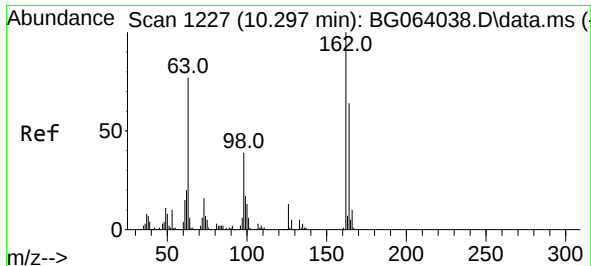
Ion Ratio Lower Upper

93 100

95 30.4 23.8 35.6

123 9.8 7.0 10.4





#29

2,4-Dichlorophenol

Concen: 41.806 ng

RT: 10.297 min Scan# 1227

Delta R.T. -0.000 min

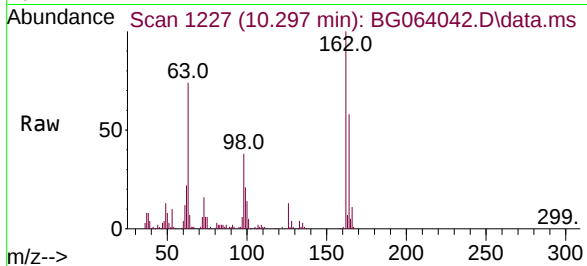
Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :



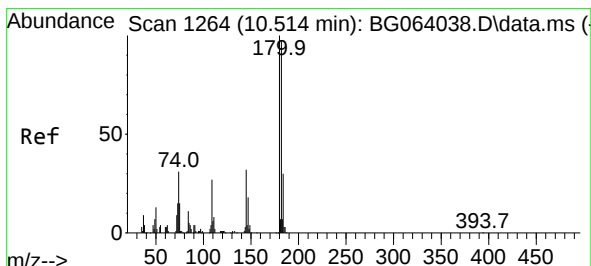
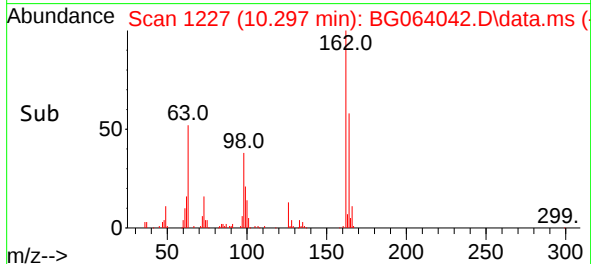
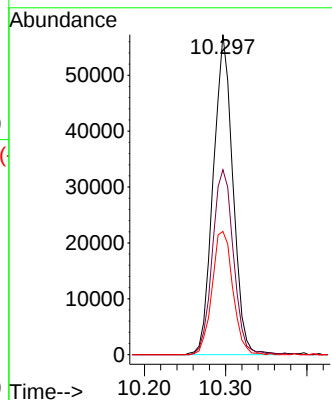
Tgt Ion:162 Resp: 96241

Ion Ratio Lower Upper

162 100

164 57.8 44.4 84.4

98 38.5 19.3 59.3



#30

1,2,4-Trichlorobenzene

Concen: 39.996 ng

RT: 10.514 min Scan# 1264

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

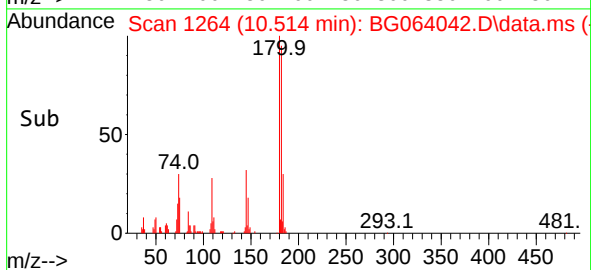
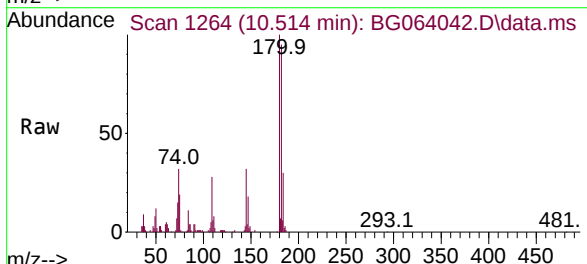
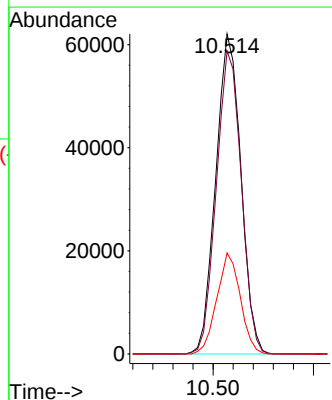
Tgt Ion:180 Resp: 107666

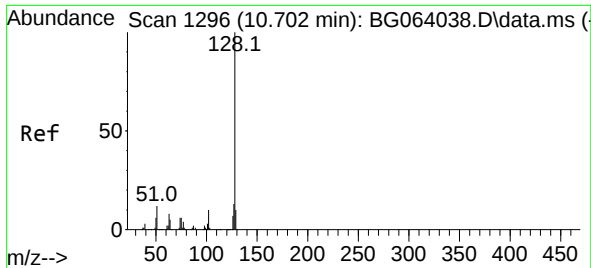
Ion Ratio Lower Upper

180 100

182 94.7 77.6 116.4

145 31.6 25.3 37.9

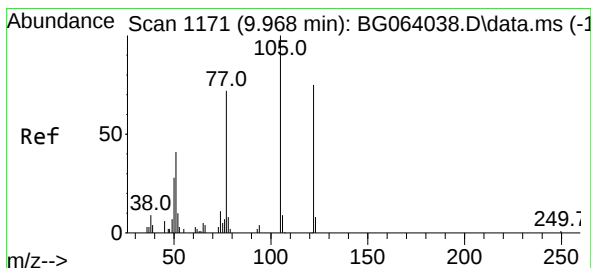
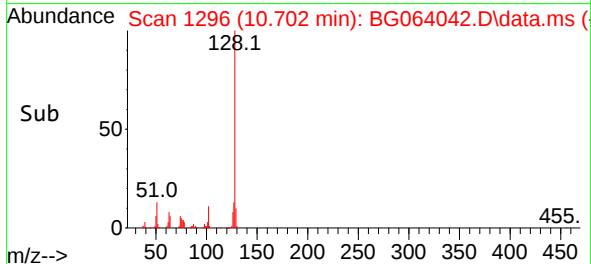
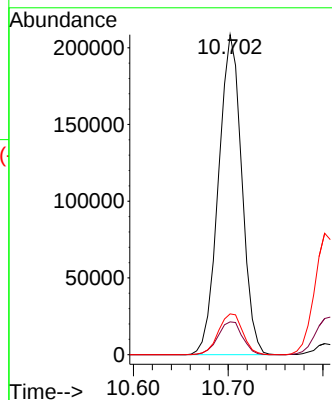
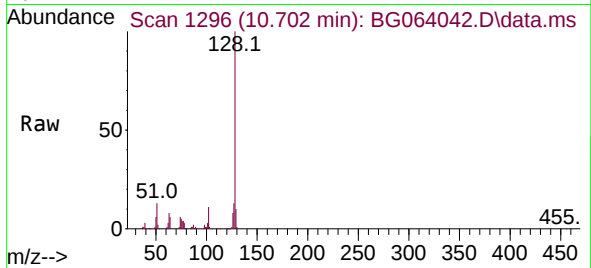




#31
Naphthalene
Concen: 40.044 ng
RT: 10.702 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

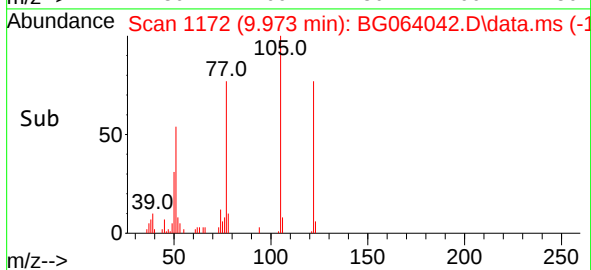
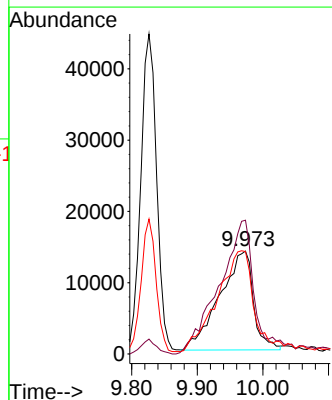
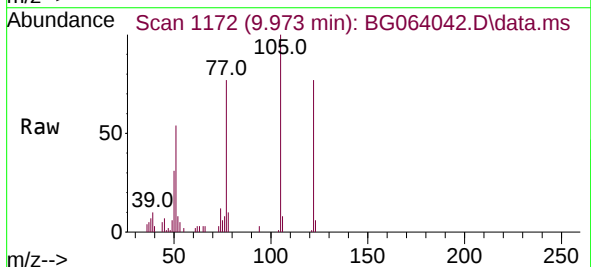
Instrument :
BNA_G
ClientSampleId :

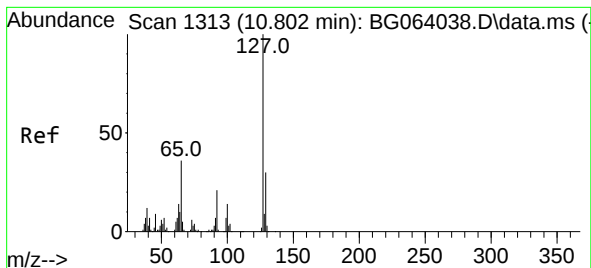
Tgt Ion:128 Resp: 355940
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 12.8 10.6 15.8



#32
Benzoic acid
Concen: 46.200 ng
RT: 9.973 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

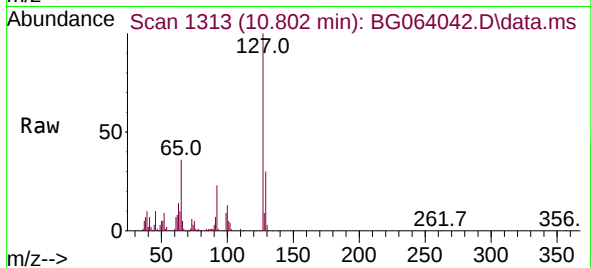
Tgt Ion:122 Resp: 49505
Ion Ratio Lower Upper
122 100
105 130.1 106.2 146.2
77 99.7 72.8 112.8



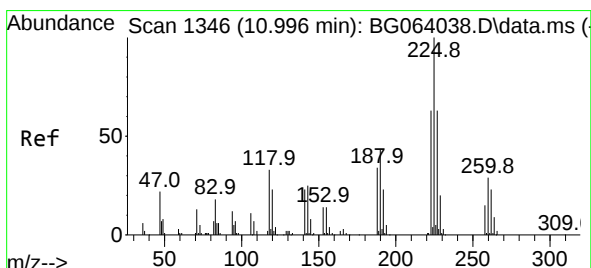
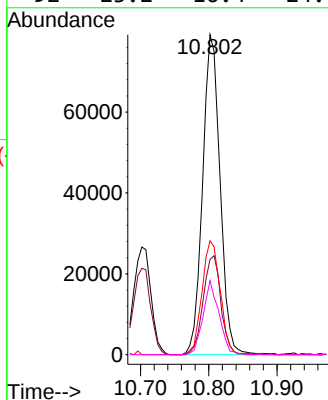
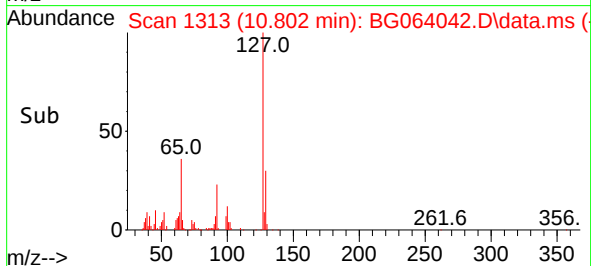


#33
4-Chloroaniline
Concen: 42.922 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

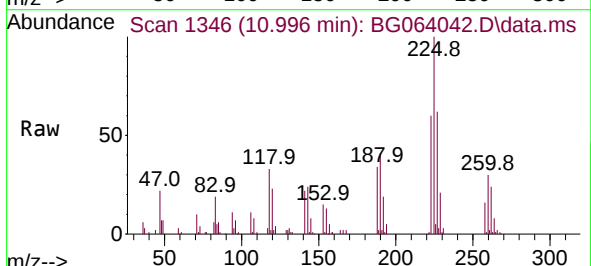
Instrument :
BNA_G
ClientSampleId :



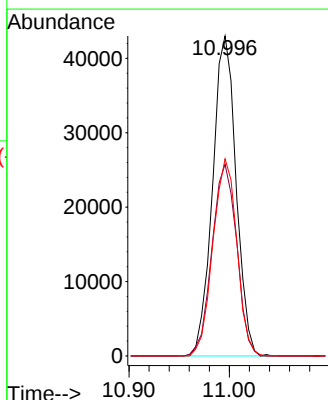
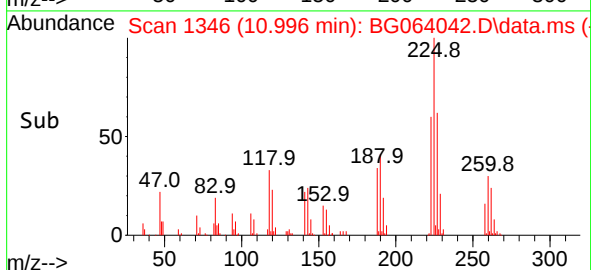
Tgt Ion:	127	Resp:	141248
Ion	Ratio	Lower	Upper
127	100		
129	29.8	24.3	36.5
65	35.6	28.6	42.8
92	23.2	16.4	24.6

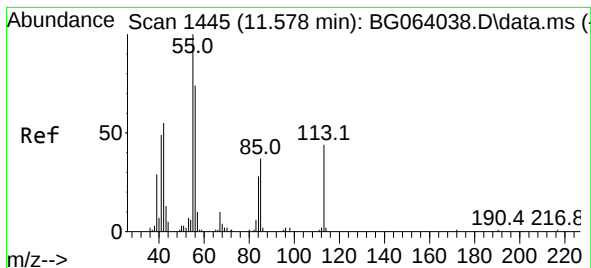


#34
Hexachlorobutadiene
Concen: 39.907 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40



Tgt Ion:	225	Resp:	69839
Ion	Ratio	Lower	Upper
225	100		
223	59.9	50.3	75.5
227	61.6	50.3	75.5





#35

Caprolactam

Concen: 48.775 ng

RT: 11.572 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

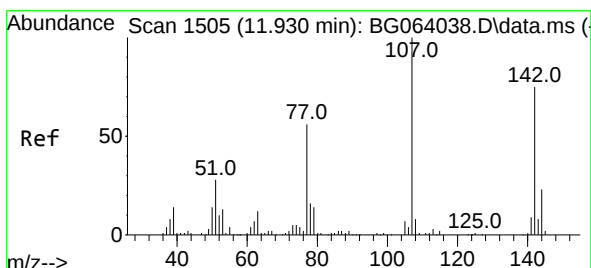
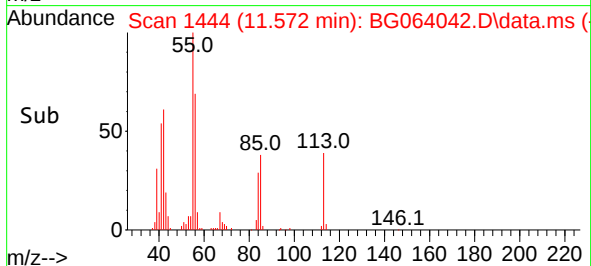
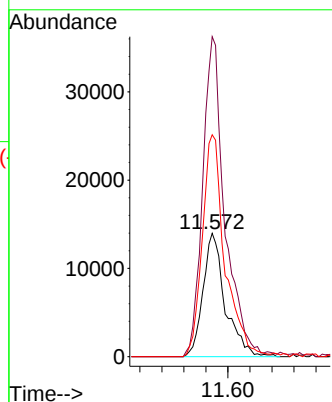
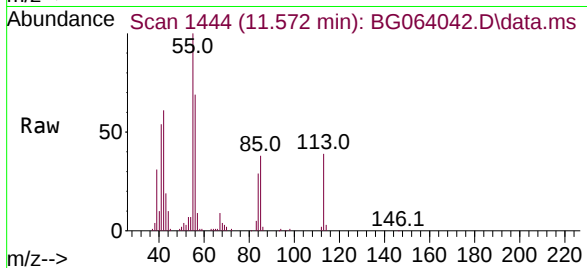
Tgt Ion:113 Resp: 39142

Ion Ratio Lower Upper

113 100

55 259.4 209.7 249.7#

56 179.8 149.2 189.2



#36

4-Chloro-3-methylphenol

Concen: 45.277 ng

RT: 11.930 min Scan# 1505

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

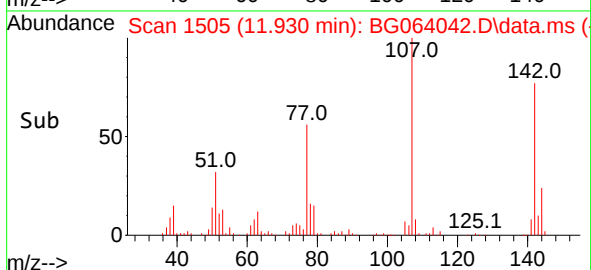
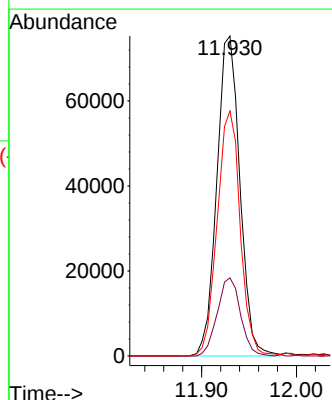
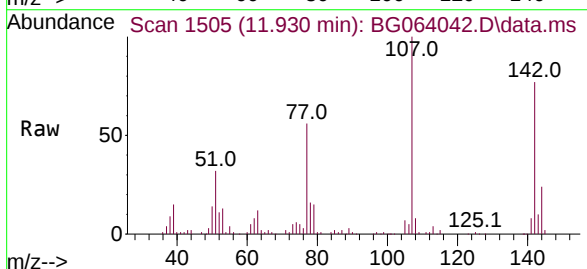
Tgt Ion:107 Resp: 127715

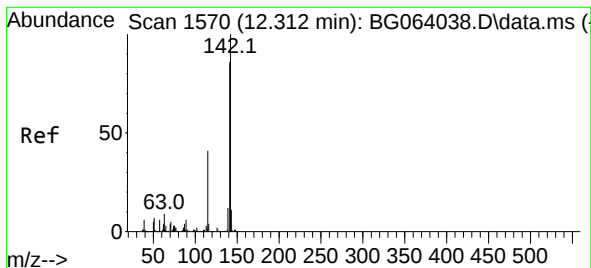
Ion Ratio Lower Upper

107 100

144 24.4 18.7 28.1

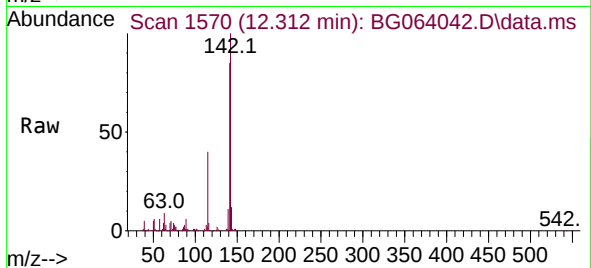
142 76.6 60.3 90.5



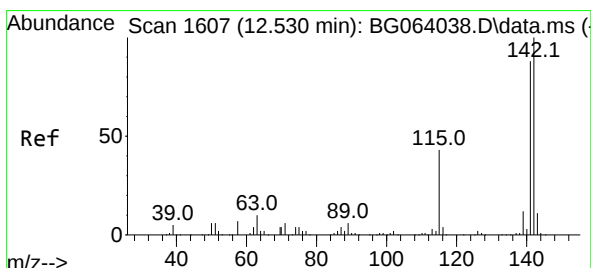
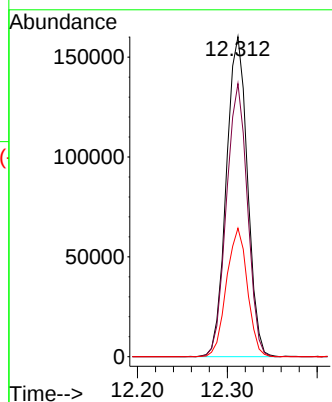
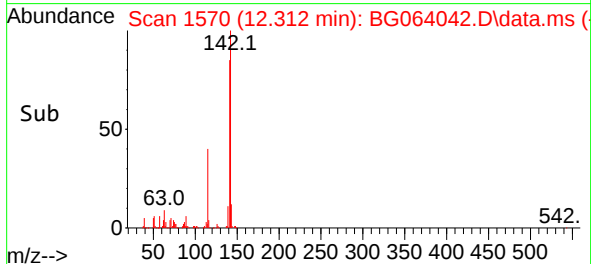


#37
2-Methylnaphthalene
Concen: 40.845 ng
RT: 12.312 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

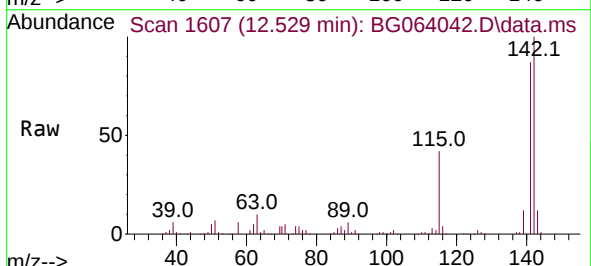
Instrument :
BNA_G
ClientSampleId :



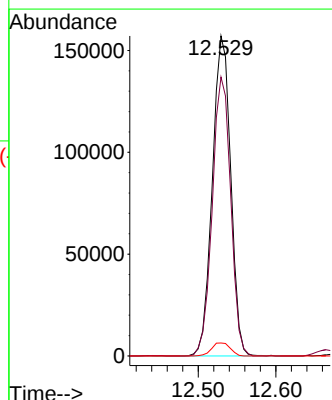
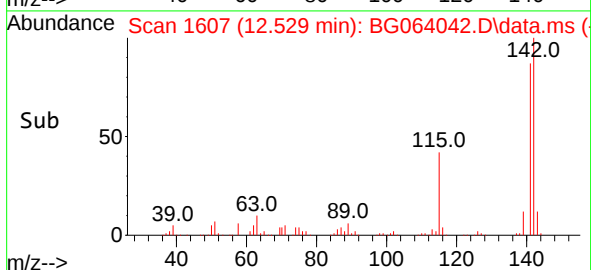
Tgt Ion:142 Resp: 261977
Ion Ratio Lower Upper
142 100
141 85.3 69.1 103.7
115 40.1 33.1 49.7

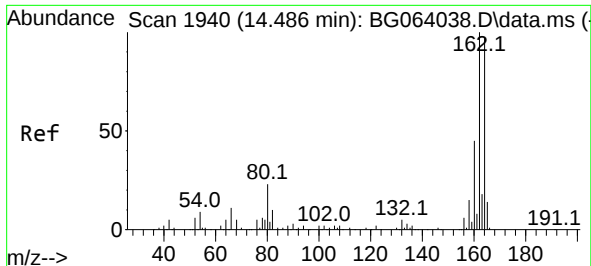


#38
1-Methylnaphthalene
Concen: 40.385 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40



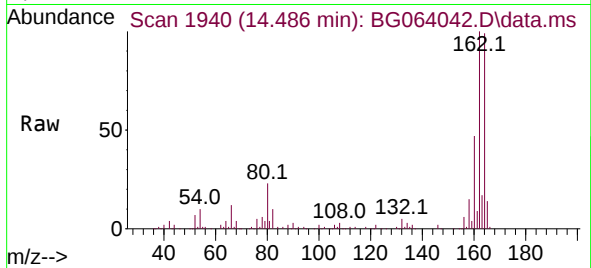
Tgt Ion:142 Resp: 258614
Ion Ratio Lower Upper
142 100
141 87.2 70.2 105.2
116 4.1 3.4 5.2



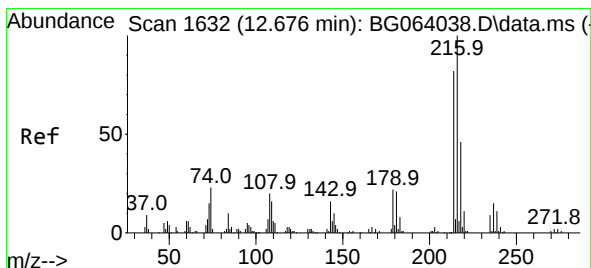
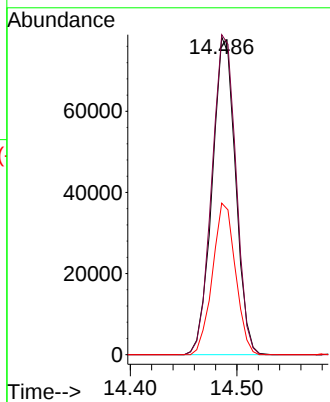
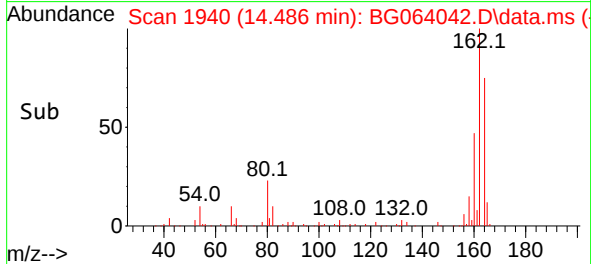


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

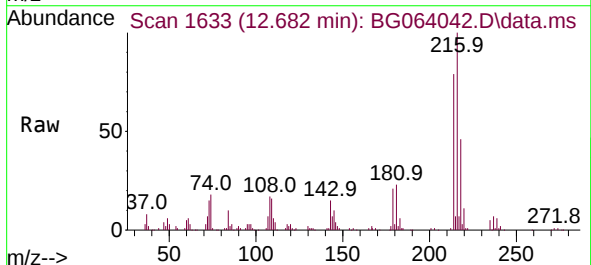
Instrument :
BNA_G
ClientSampleId :



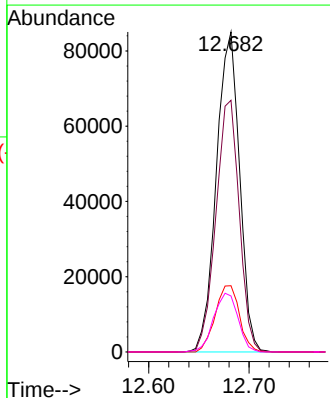
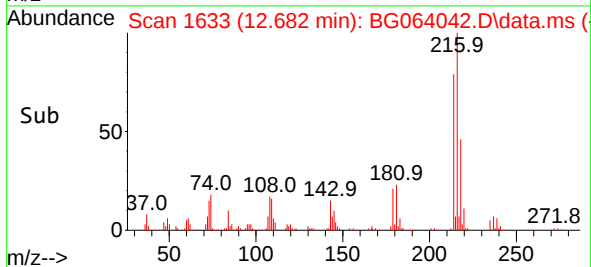
Tgt Ion:164 Resp: 119335
Ion Ratio Lower Upper
164 100
162 100.8 82.7 124.1
160 47.7 37.4 56.0

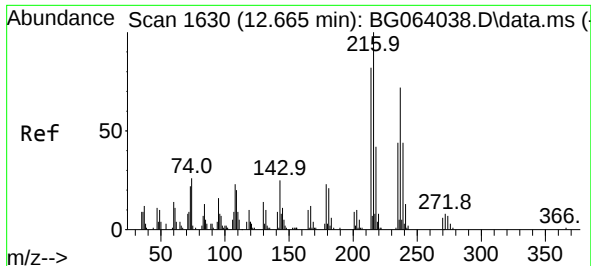


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.205 ng
RT: 12.682 min Scan# 1633
Delta R.T. 0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40



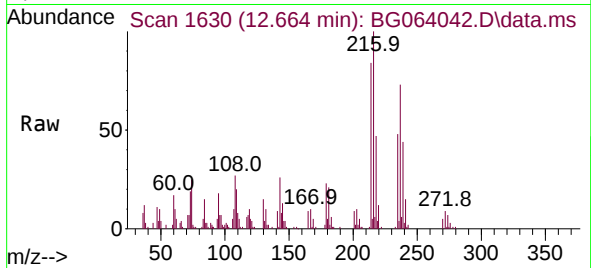
Tgt Ion:216 Resp: 136506
Ion Ratio Lower Upper
216 100
214 79.0 64.9 97.3
179 21.6 17.5 26.3
108 19.3 15.5 23.3



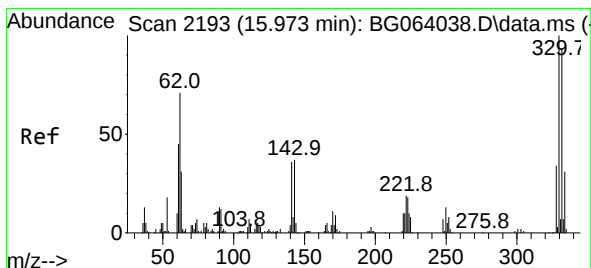
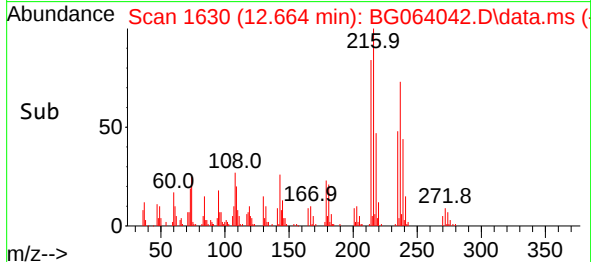
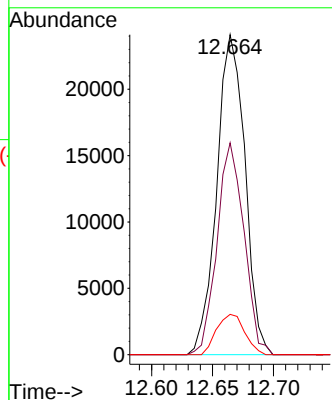


#41
Hexachlorocyclopentadiene
Concen: 43.968 ng
RT: 12.664 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :

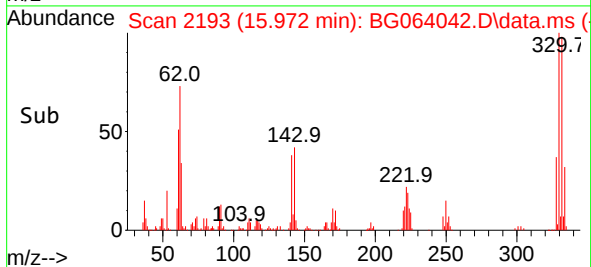
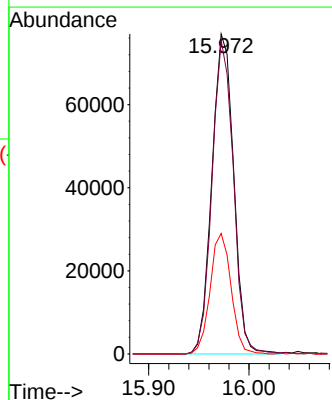
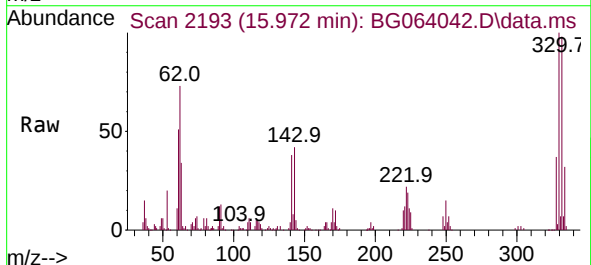


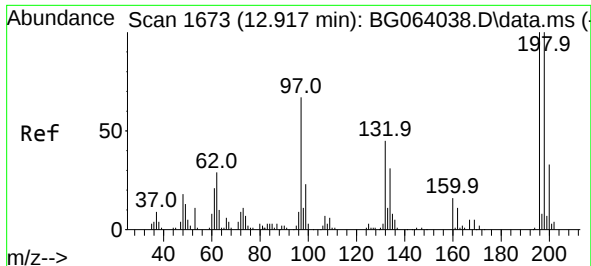
Tgt Ion:237 Resp: 38887
Ion Ratio Lower Upper
237 100
235 66.2 41.2 81.2
272 12.6 0.0 30.6



#42
2,4,6-Tribromophenol
Concen: 89.394 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:330 Resp: 115870
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 36.3 28.9 43.3

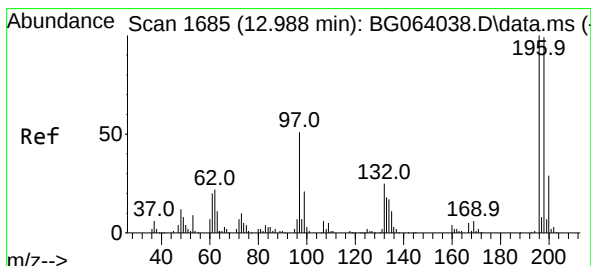
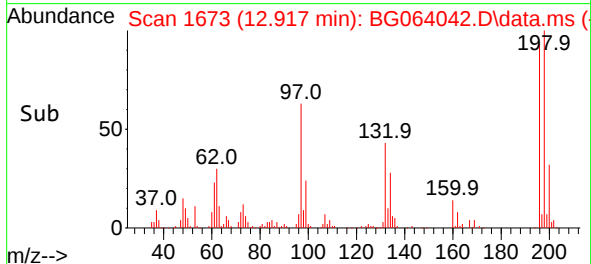
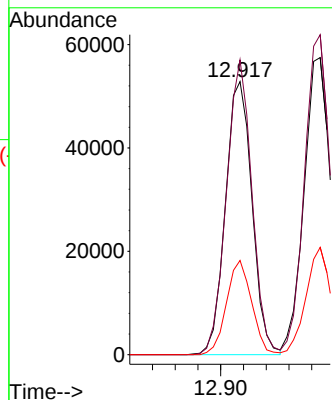
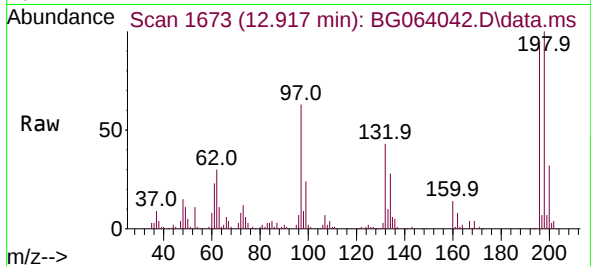




#43
2,4,6-Trichlorophenol
Concen: 42.600 ng
RT: 12.917 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

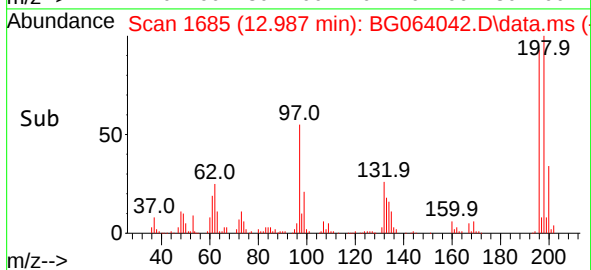
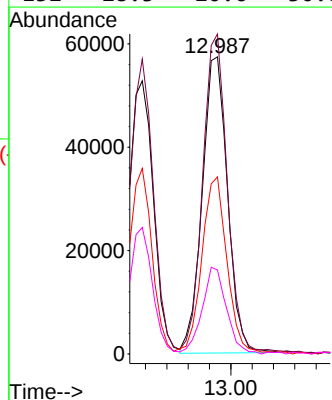
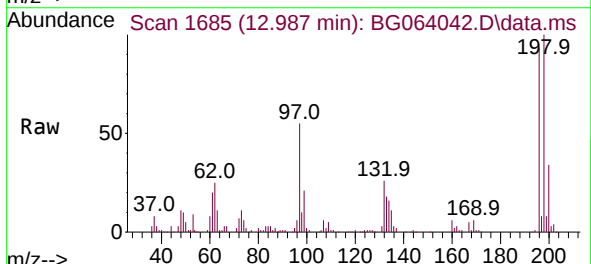
Instrument :
BNA_G
ClientSampleId :

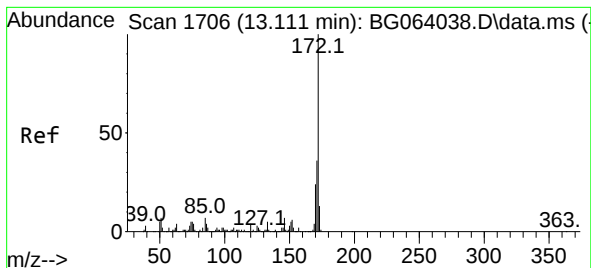
Tgt Ion:196 Resp: 86051
Ion Ratio Lower Upper
196 100
198 108.0 79.9 119.9
200 34.5 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 42.067 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:196 Resp: 94775
Ion Ratio Lower Upper
196 100
198 107.7 78.2 117.4
97 59.6 40.7 61.1
132 28.3 20.6 30.8





#45

2-Fluorobiphenyl

Concen: 80.894 ng

RT: 13.117 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

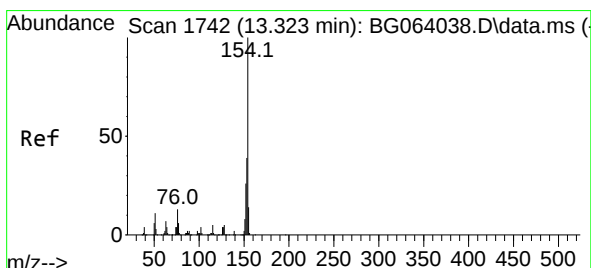
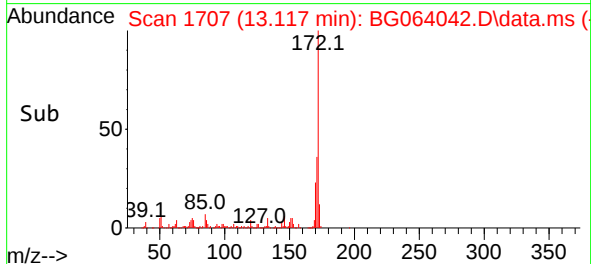
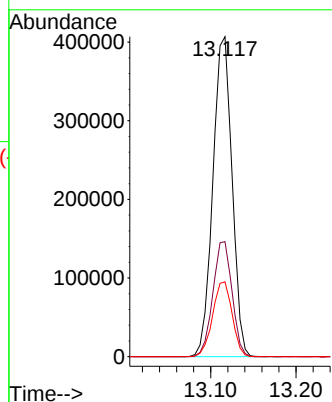
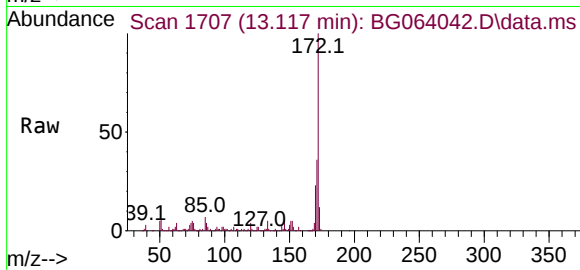
Tgt Ion:172 Resp: 634504

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

170 23.4 19.5 29.3



#46

1,1'-Biphenyl

Concen: 40.407 ng

RT: 13.322 min Scan# 1742

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

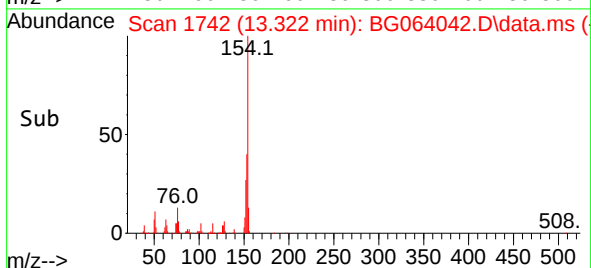
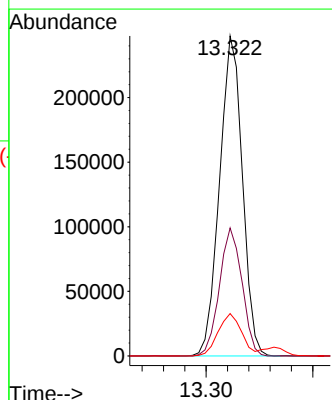
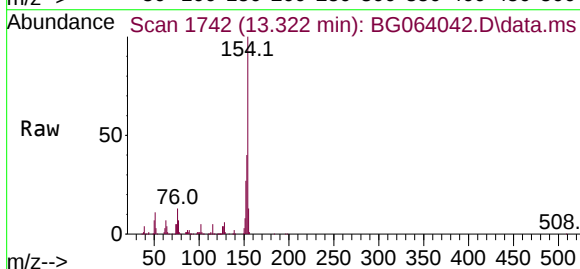
Tgt Ion:154 Resp: 367681

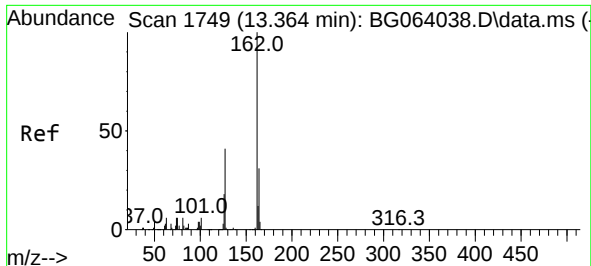
Ion Ratio Lower Upper

154 100

153 40.0 19.0 59.0

76 13.2 0.0 33.2

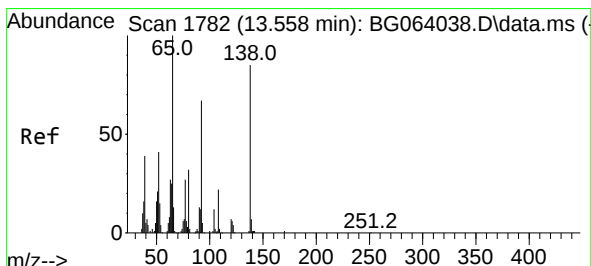
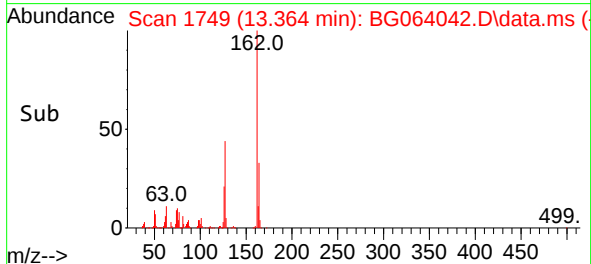
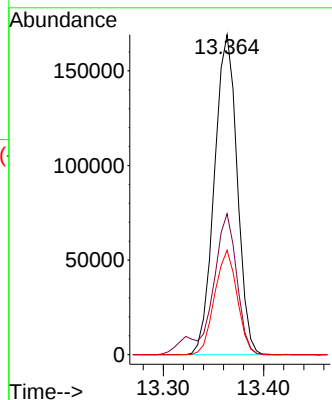
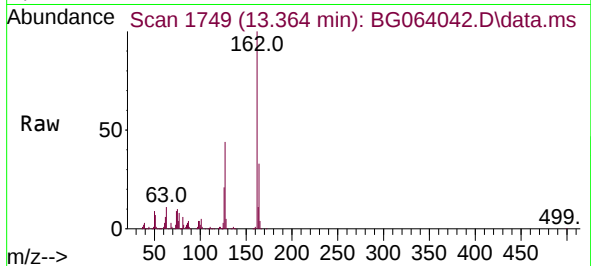




#47
2-Chloronaphthalene
Concen: 40.730 ng
RT: 13.364 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

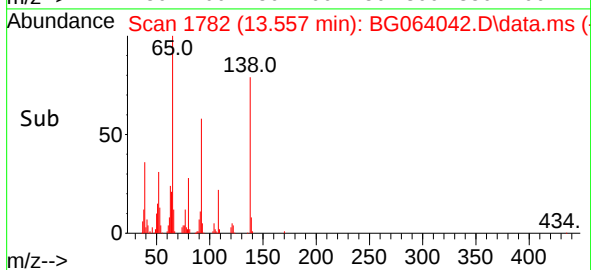
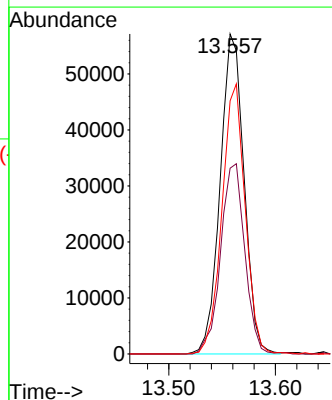
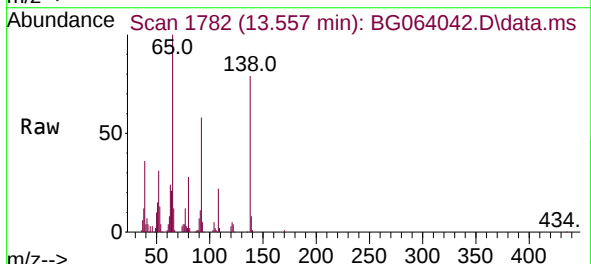
Instrument :
BNA_G
ClientSampleId :

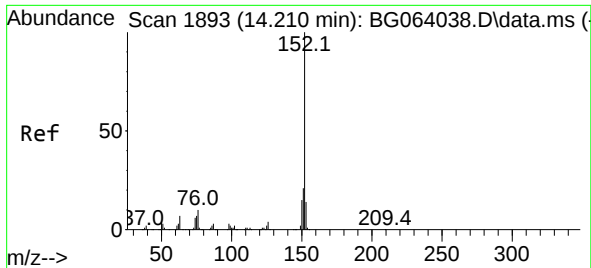
Tgt Ion:162 Resp: 266647
Ion Ratio Lower Upper
162 100
127 44.0 34.5 51.7
164 32.6 25.2 37.8



#48
2-Nitroaniline
Concen: 47.179 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

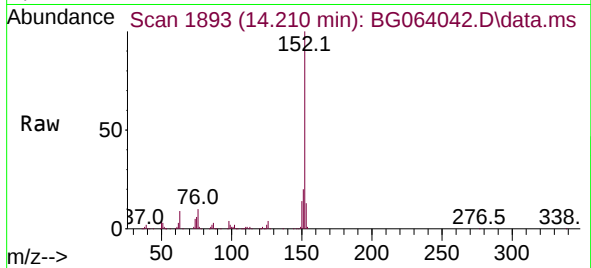
Tgt Ion: 65 Resp: 88709
Ion Ratio Lower Upper
65 100
92 58.1 53.8 80.6
138 79.1 68.0 102.0



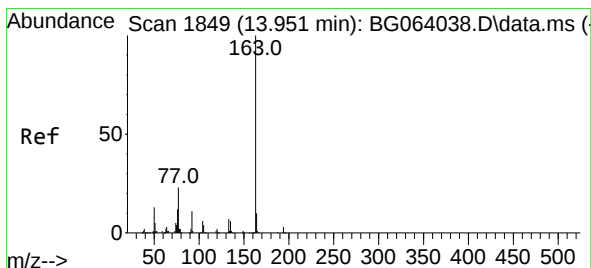
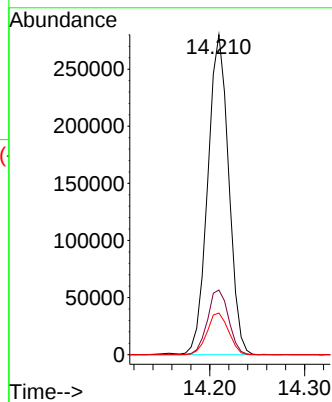
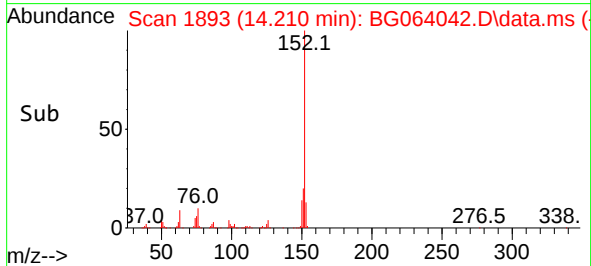


#49
Acenaphthylene
Concen: 41.454 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :

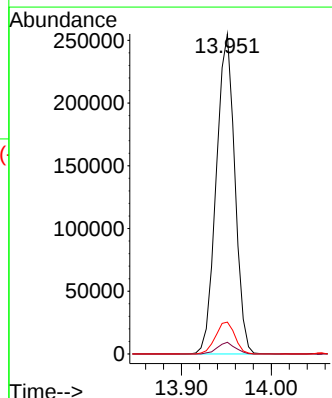
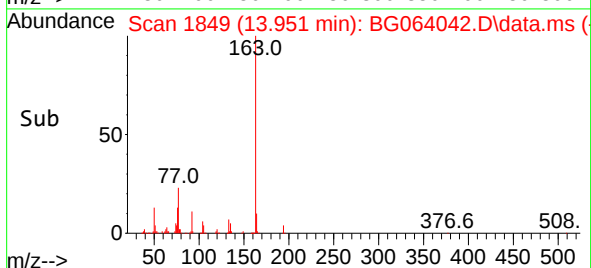
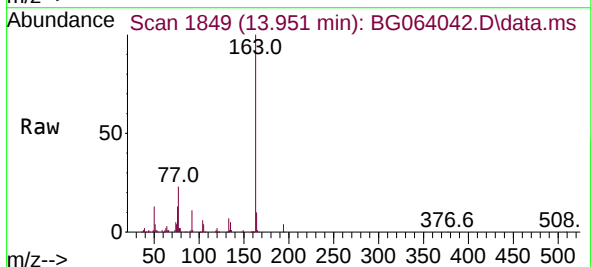


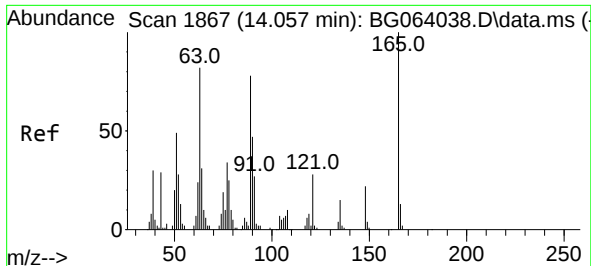
Tgt Ion:152 Resp: 428384
Ion Ratio Lower Upper
152 100
151 20.2 16.6 25.0
153 13.0 11.4 17.0



#50
Dimethylphthalate
Concen: 46.746 ng
RT: 13.951 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:163 Resp: 365593
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.0 7.8 11.6

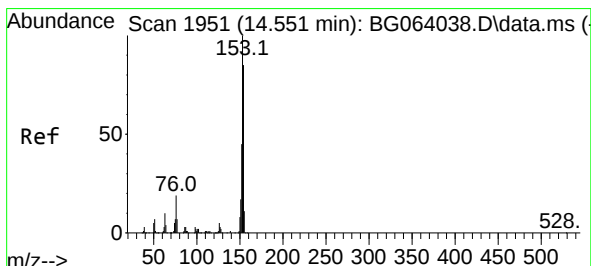
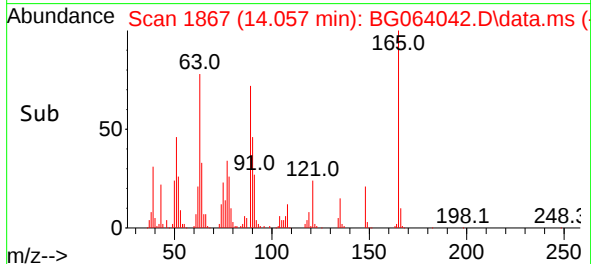
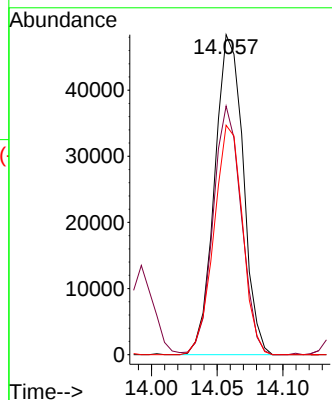
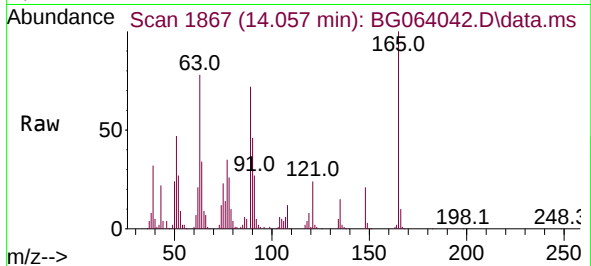




#51
2,6-Dinitrotoluene
Concen: 43.480 ng
RT: 14.057 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

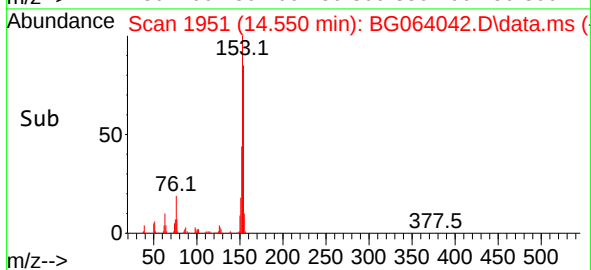
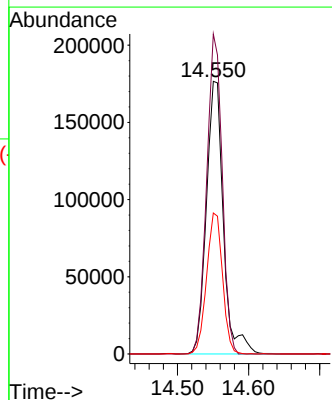
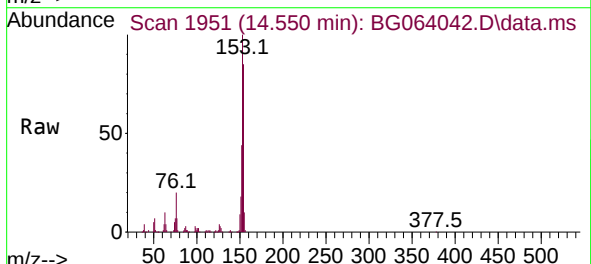
Instrument :
BNA_G
ClientSampleId :

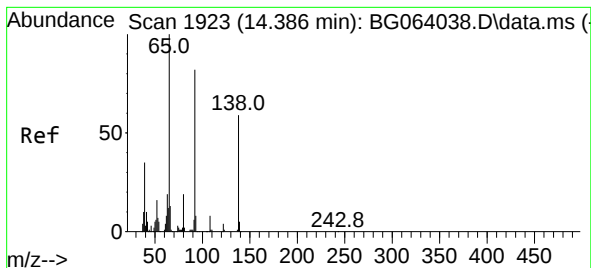
Tgt Ion:165 Resp: 73115
Ion Ratio Lower Upper
165 100
63 77.7 66.7 100.1
89 71.7 62.6 93.8



#52
Acenaphthene
Concen: 41.593 ng
RT: 14.550 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:154 Resp: 294223
Ion Ratio Lower Upper
154 100
153 117.4 93.7 140.5
152 51.7 42.5 63.7

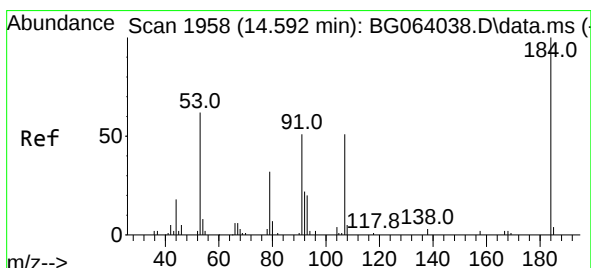
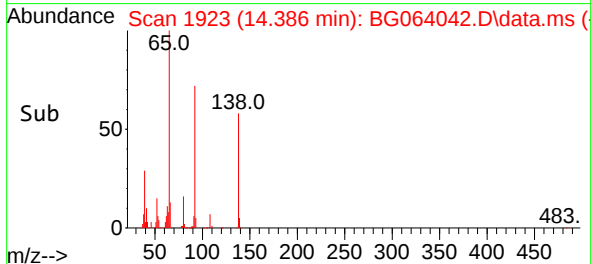
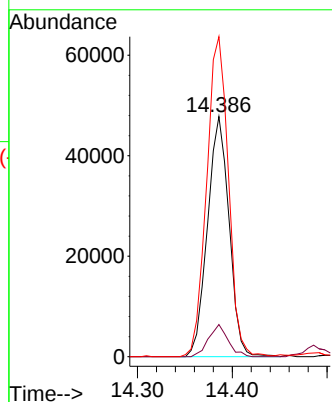
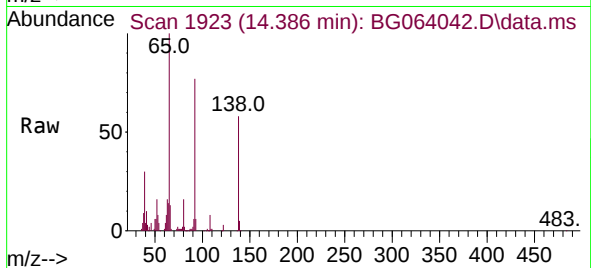




#53
3-Nitroaniline
Concen: 42.808 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

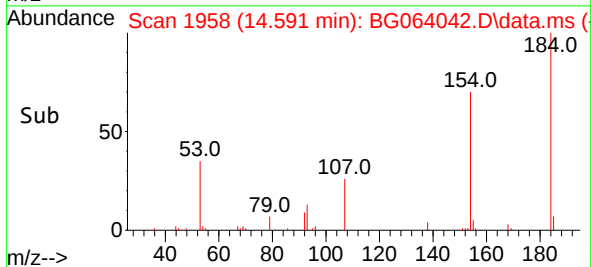
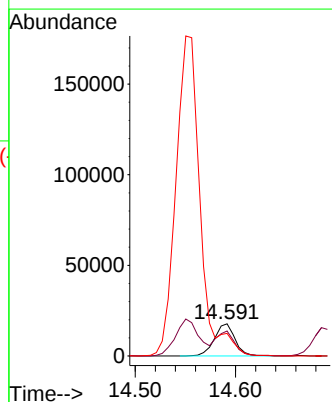
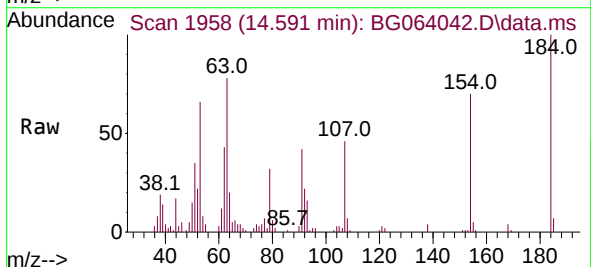
Instrument :
BNA_G
ClientSampleId :

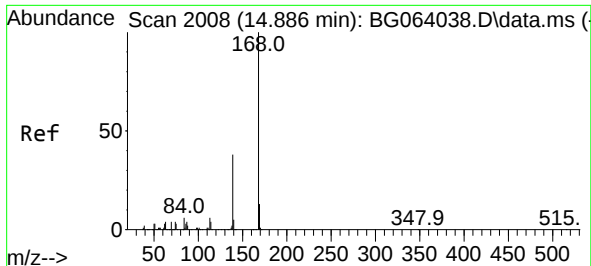
Tgt Ion:138 Resp: 75480
Ion Ratio Lower Upper
138 100
108 13.4 10.7 16.1
92 133.2 110.8 166.2



#54
2,4-Dinitrophenol
Concen: 49.777 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:184 Resp: 25435
Ion Ratio Lower Upper
184 100
63 77.8 59.5 89.3
154 70.3 55.8 83.8

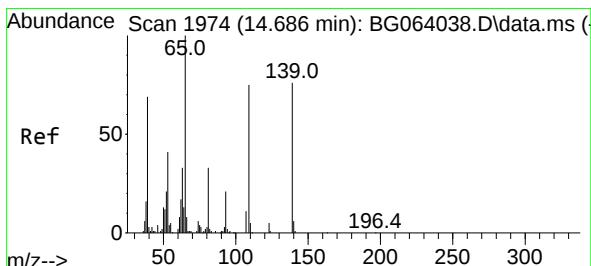
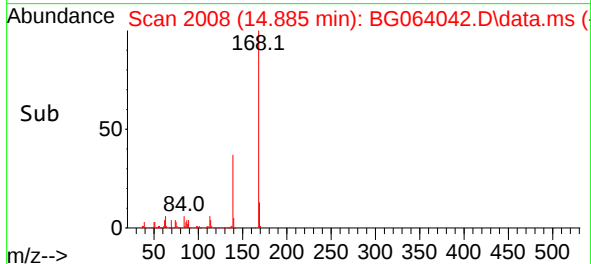
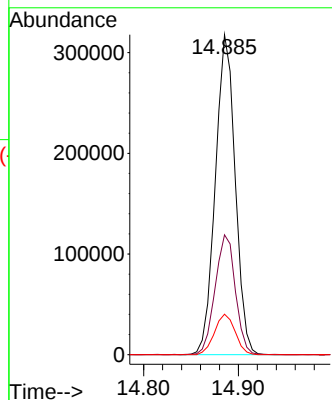
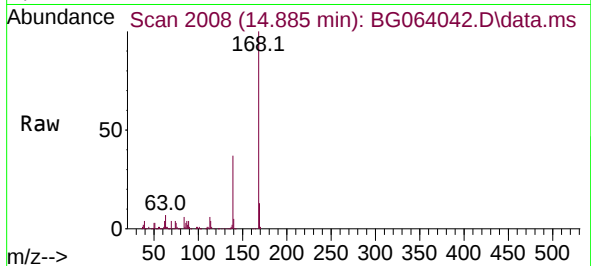




#55
Dibenzofuran
Concen: 40.869 ng
RT: 14.885 min Scan# 20
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

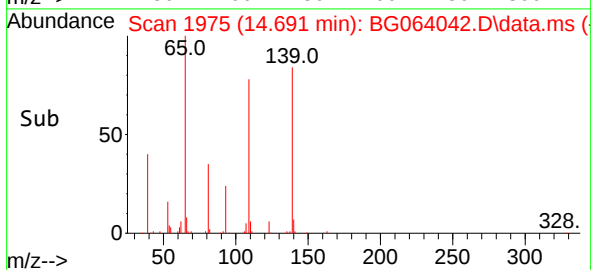
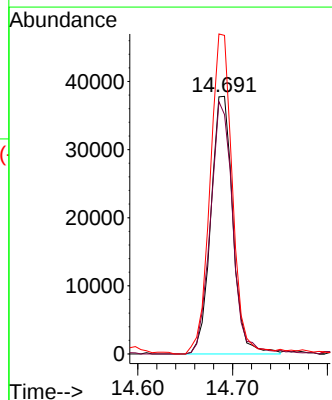
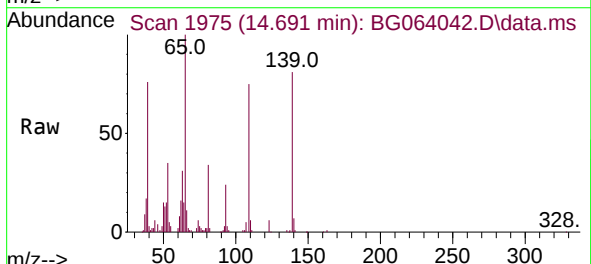
Instrument :
BNA_G
ClientSampleId :

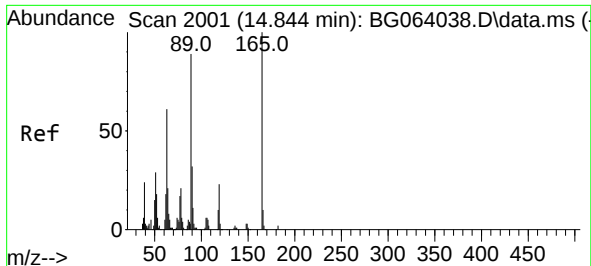
Tgt Ion:168 Resp: 462220
Ion Ratio Lower Upper
168 100
139 37.5 30.6 46.0
169 12.7 10.5 15.7



#56
4-Nitrophenol
Concen: 45.033 ng
RT: 14.691 min Scan# 1975
Delta R.T. 0.005 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:139 Resp: 60753
Ion Ratio Lower Upper
139 100
109 92.9 79.1 119.1
65 123.7 112.0 152.0

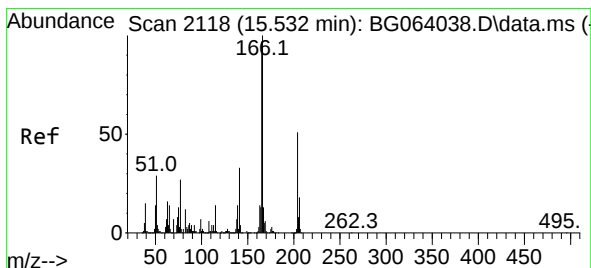
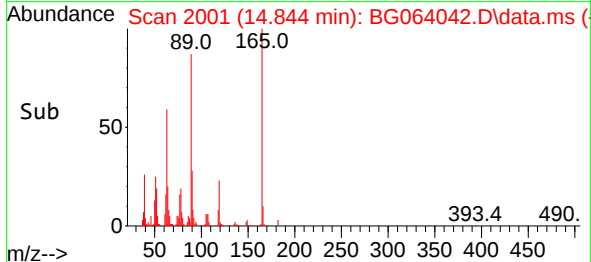
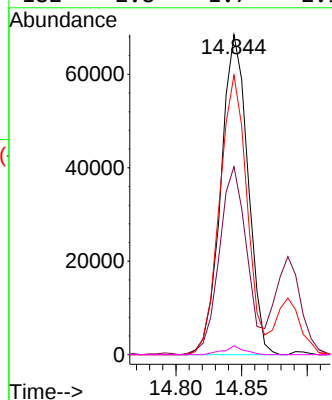
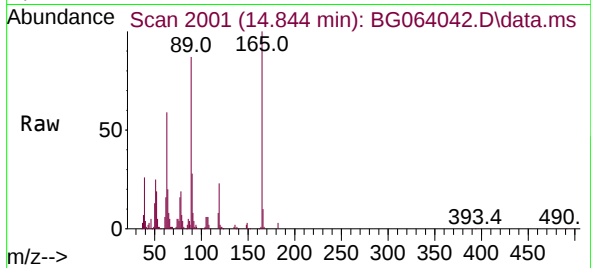




#57
2,4-Dinitrotoluene
Concen: 42.564 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

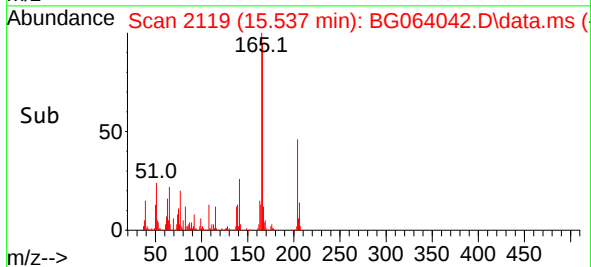
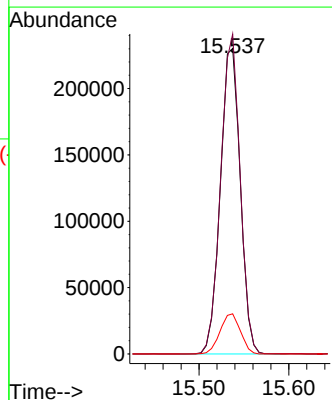
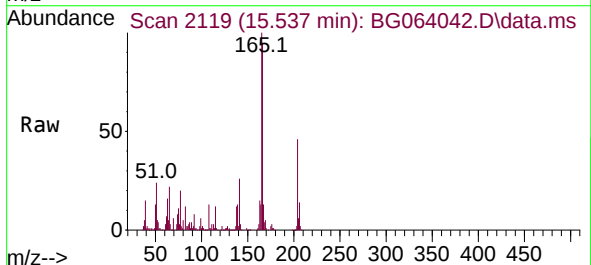
Instrument :
BNA_G
ClientSampleId :

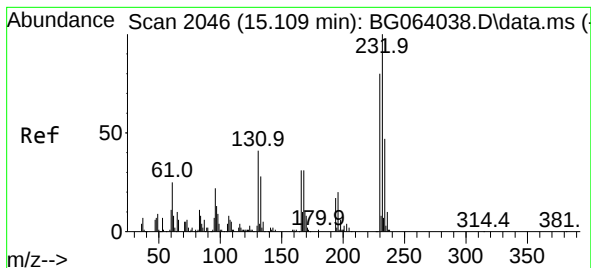
Tgt Ion:165 Resp: 97820
Ion Ratio Lower Upper
165 100
63 58.8 48.4 72.6
89 87.4 71.3 106.9
182 2.8 1.7 2.5#



#58
Fluorene
Concen: 40.734 ng
RT: 15.537 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:166 Resp: 355294
Ion Ratio Lower Upper
166 100
165 104.7 77.3 115.9
167 13.1 10.5 15.7

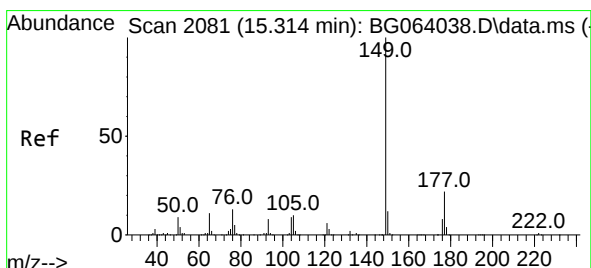
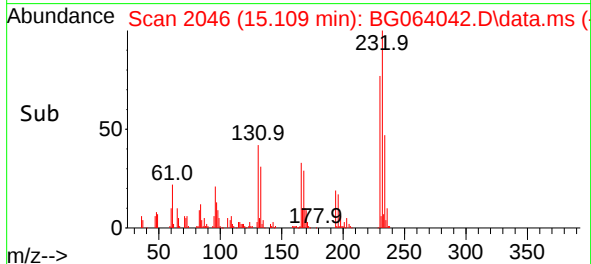
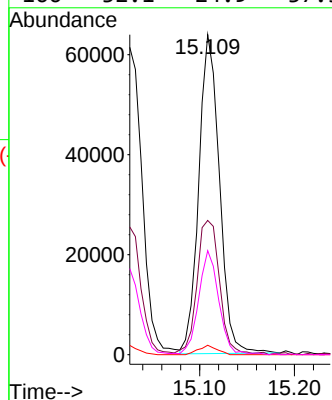
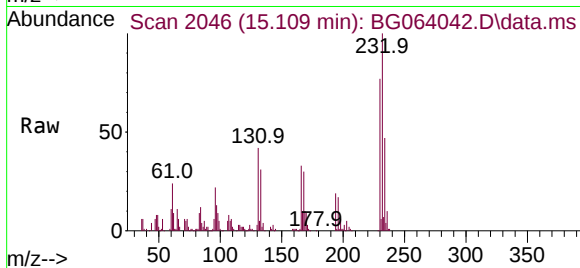




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.151 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

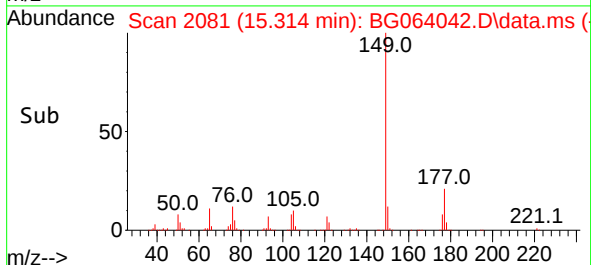
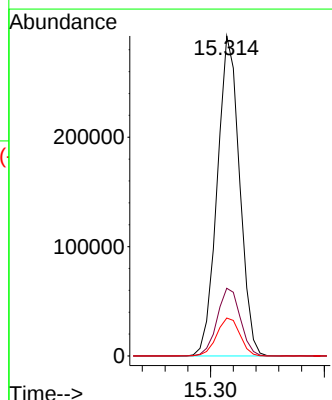
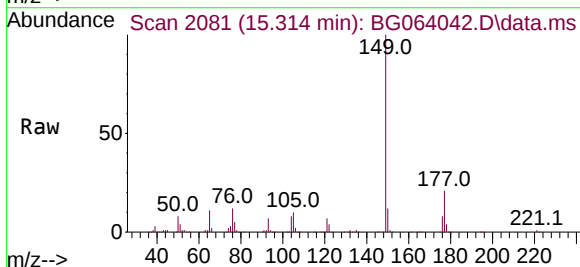
Instrument :
BNA_G
ClientSampleId :

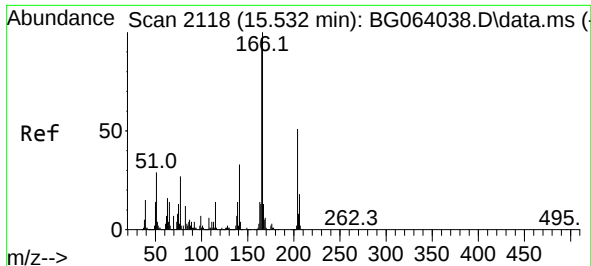
Tgt Ion:232 Resp: 96614
Ion Ratio Lower Upper
232 100
131 46.2 34.6 51.8
130 2.6 2.1 3.1
166 32.1 24.9 37.3



#60
Diethylphthalate
Concen: 48.305 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:149 Resp: 399653
Ion Ratio Lower Upper
149 100
177 21.2 18.0 27.0
150 11.8 9.8 14.6

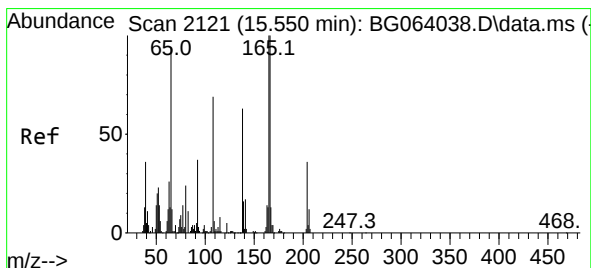
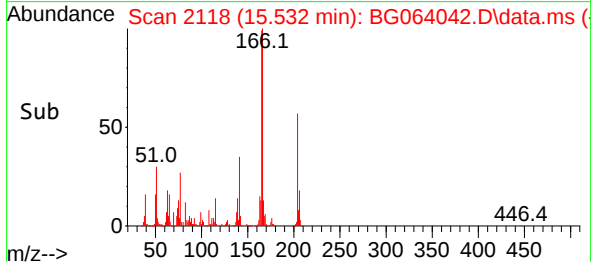
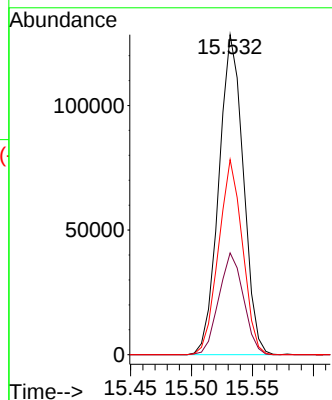
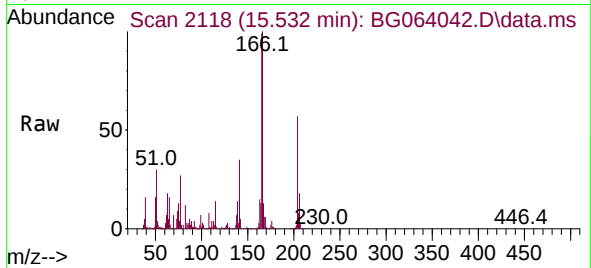




#61
4-Chlorophenyl-phenylether
Concen: 40.741 ng
RT: 15.532 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

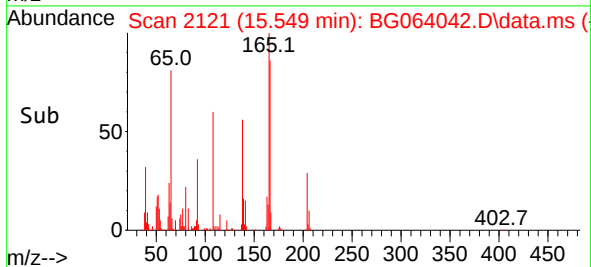
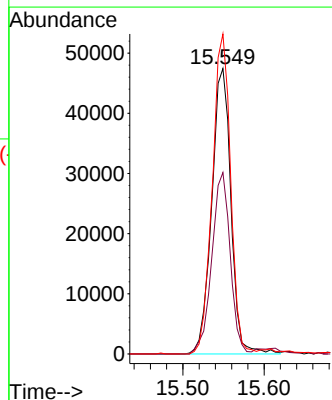
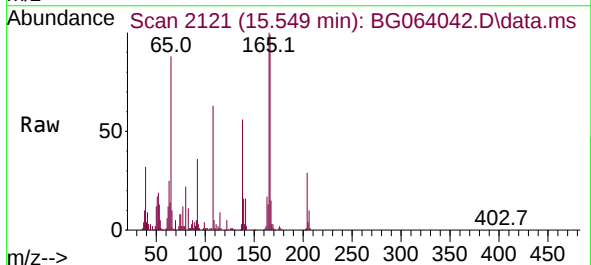
Instrument :
BNA_G
ClientSampleId :

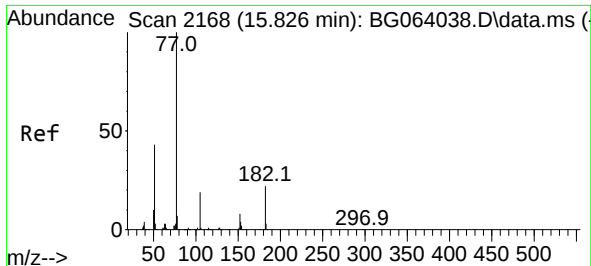
Tgt Ion:204 Resp: 179629
Ion Ratio Lower Upper
204 100
206 31.8 27.8 41.8
141 60.9 52.2 78.2



#62
4-Nitroaniline
Concen: 41.577 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

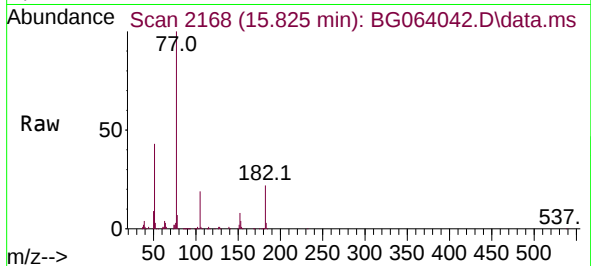
Tgt Ion:138 Resp: 77757
Ion Ratio Lower Upper
138 100
92 63.6 38.8 78.8
108 112.1 89.9 129.9



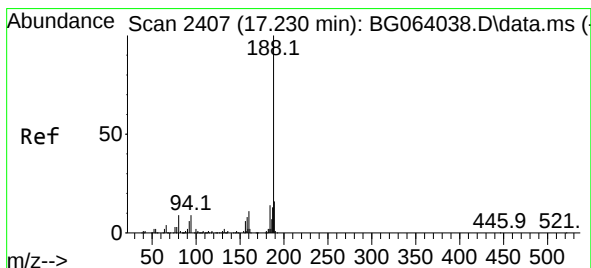
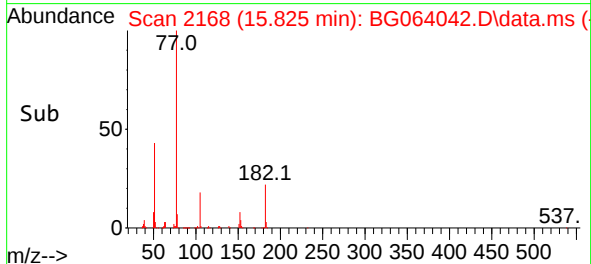
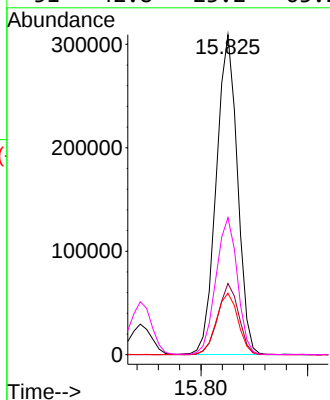


#63
Azobenzene
Concen: 41.078 ng
RT: 15.825 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :

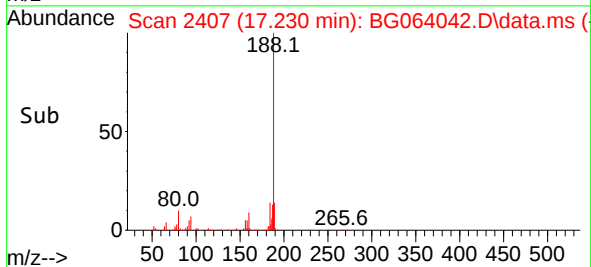
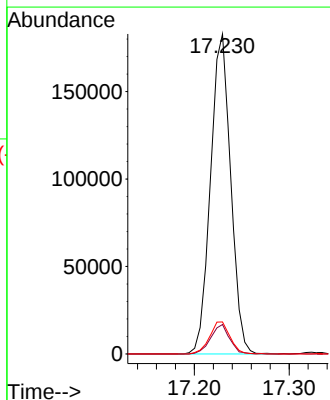
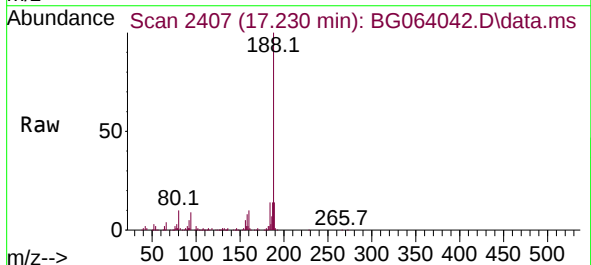


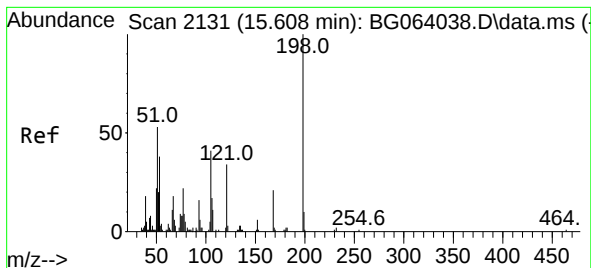
Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.3	2.1	42.1
105	19.2	0.0	39.1
51	42.8	23.2	63.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.0	10.6
80	10.0	7.4	11.2

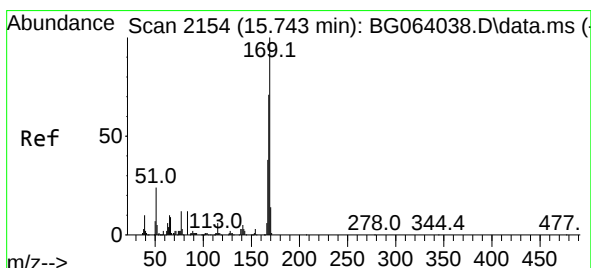
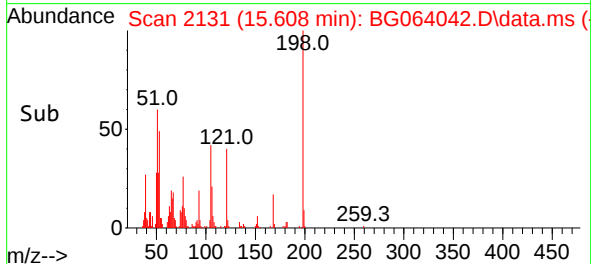
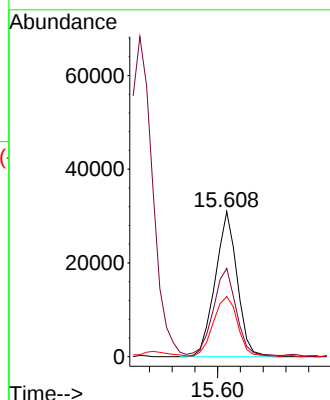
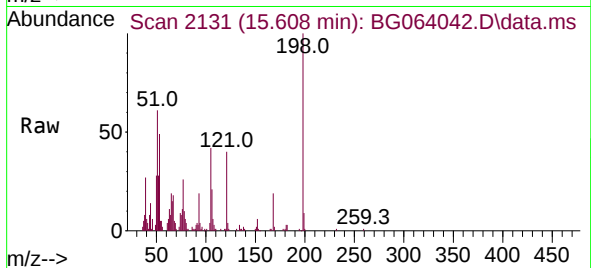




#65
4,6-Dinitro-2-methylphenol
Concen: 48.356 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

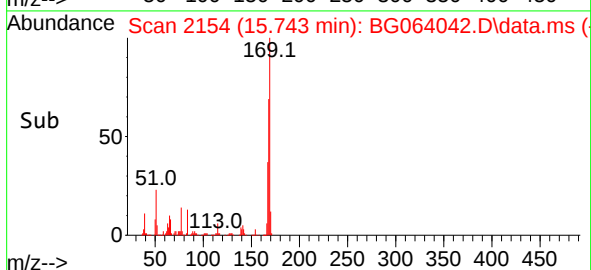
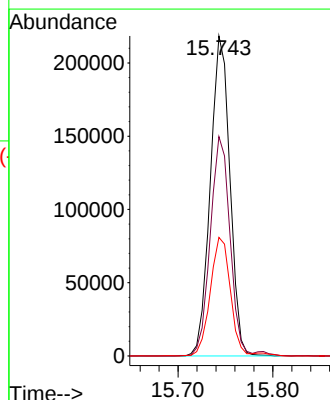
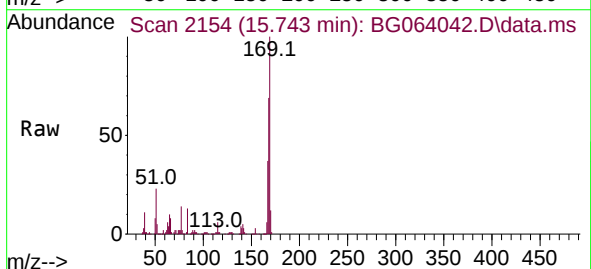
Instrument :
BNA_G
ClientSampleId :

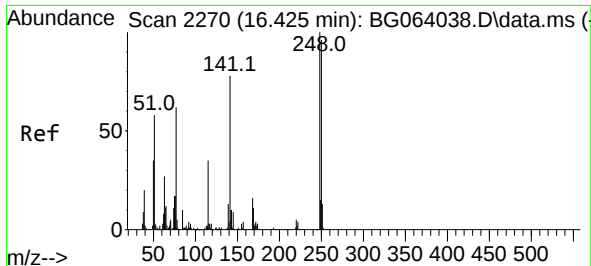
Tgt Ion:198 Resp: 41411
Ion Ratio Lower Upper
198 100
51 60.9 36.6 76.6
105 41.5 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 41.585 ng
RT: 15.743 min Scan# 2154
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

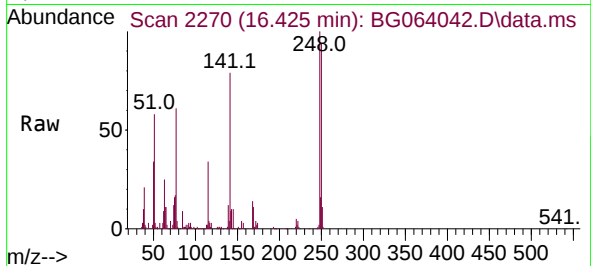
Tgt Ion:169 Resp: 312661
Ion Ratio Lower Upper
169 100
168 68.5 56.6 85.0
167 37.1 30.7 46.1



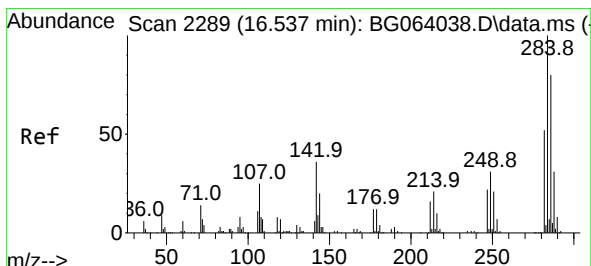
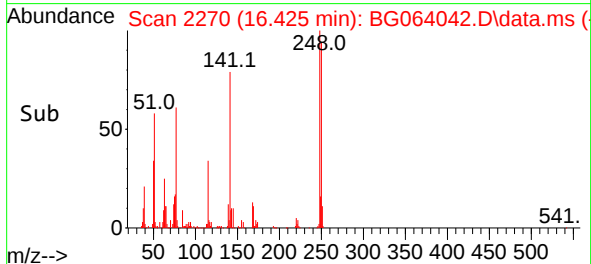
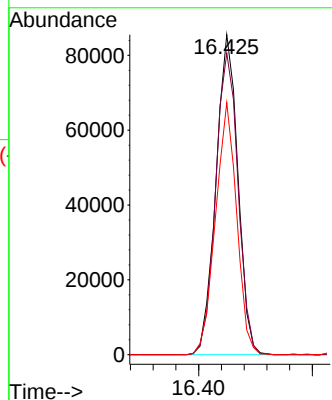


#67
4-Bromophenyl-phenylether
Concen: 41.104 ng
RT: 16.425 min Scan# 211
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Instrument :
BNA_G
ClientSampleId :

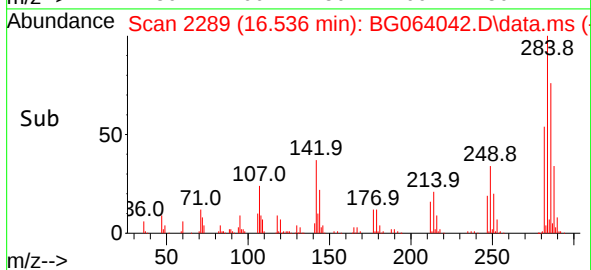
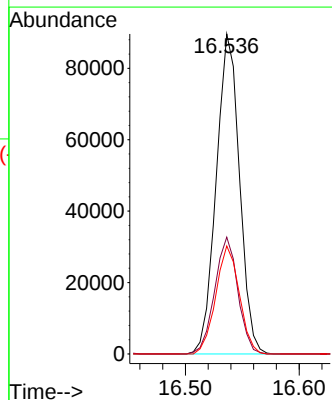
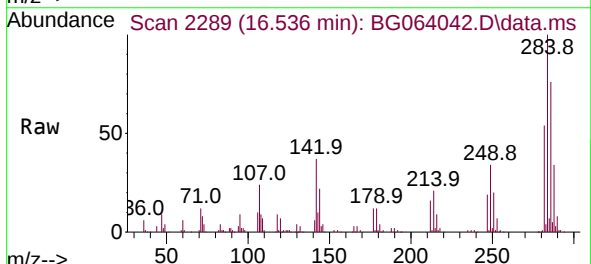


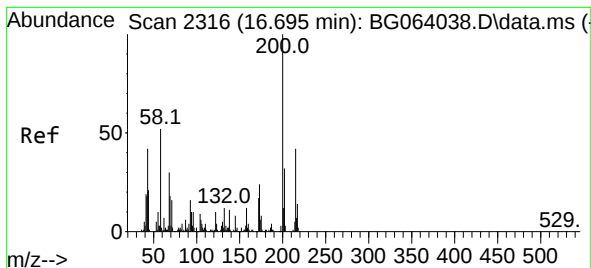
Tgt Ion:248 Resp: 114254
Ion Ratio Lower Upper
248 100
250 94.2 77.2 115.8
141 78.7 62.2 93.2



#68
Hexachlorobenzene
Concen: 41.192 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:284 Resp: 127511
Ion Ratio Lower Upper
284 100
142 36.5 29.0 43.6
249 33.8 24.6 36.8





#69

Atrazine

Concen: 53.408 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.000 min

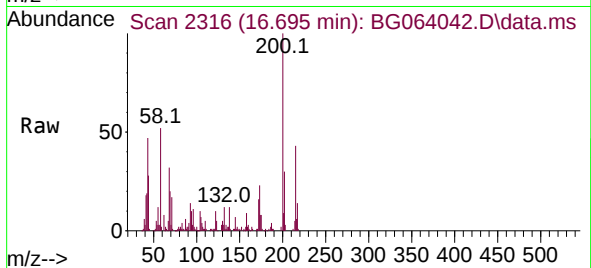
Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

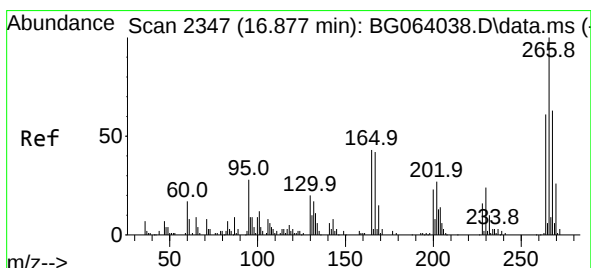
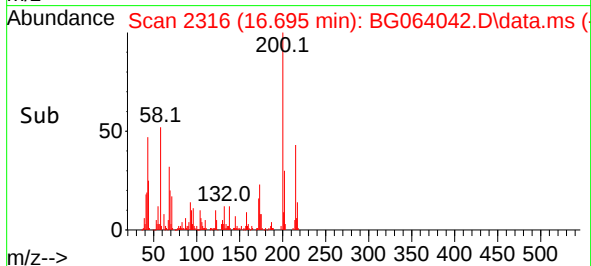
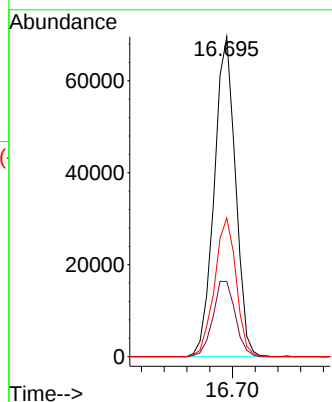
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	90364
Ion Ratio	Lower	Upper	
200	100		
173	23.5	3.9	43.9
215	43.3	22.5	62.5



#70

Pentachlorophenol

Concen: 44.133 ng

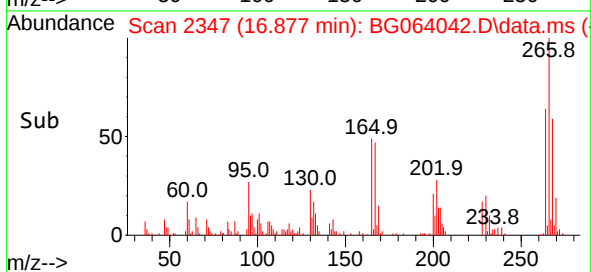
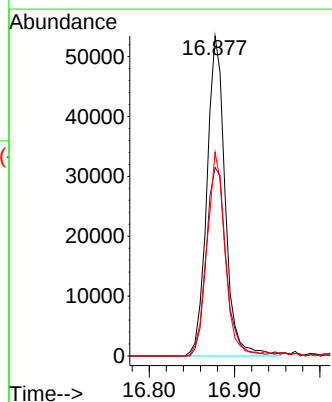
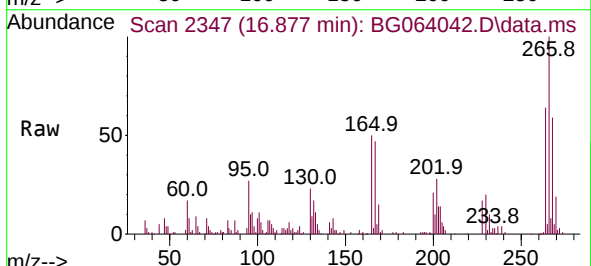
RT: 16.877 min Scan# 2347

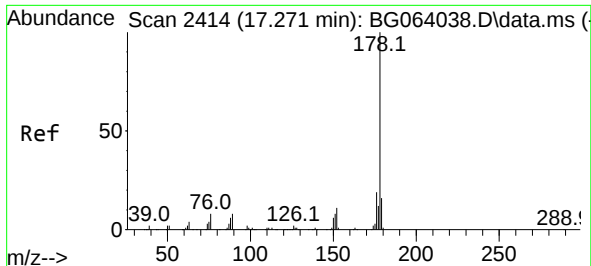
Delta R.T. 0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Tgt Ion:	266	Resp:	79372
Ion Ratio	Lower	Upper	
266	100		
268	58.9	50.7	76.1
264	63.6	48.8	73.2

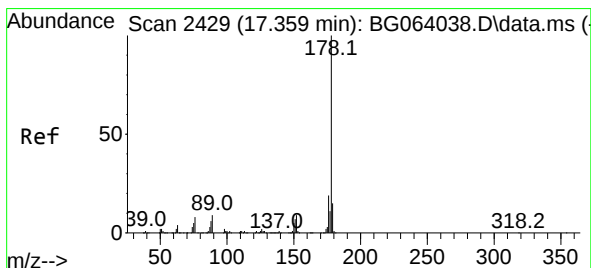
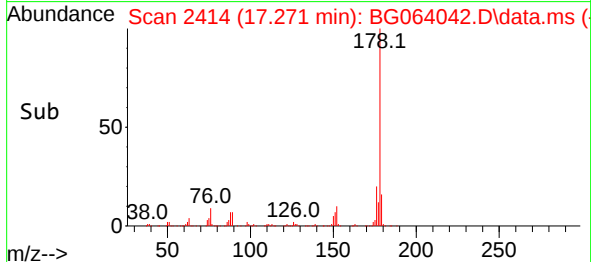
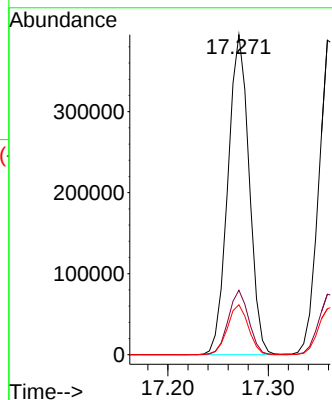
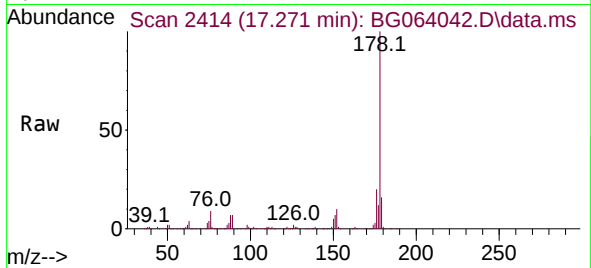




#71
Phenanthrene
Concen: 40.186 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

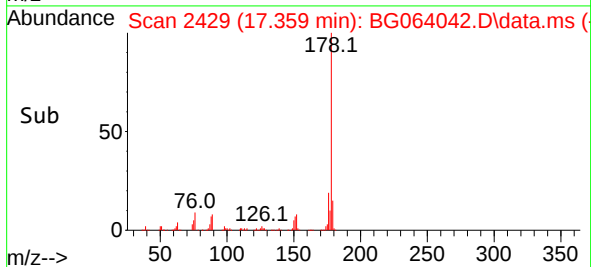
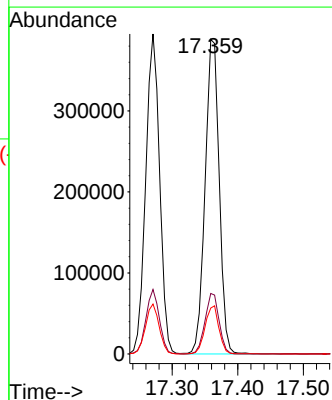
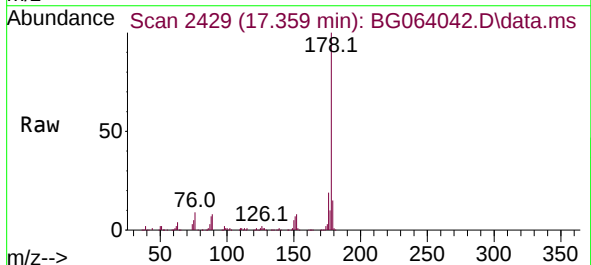
Instrument :
BNA_G
ClientSampleId :

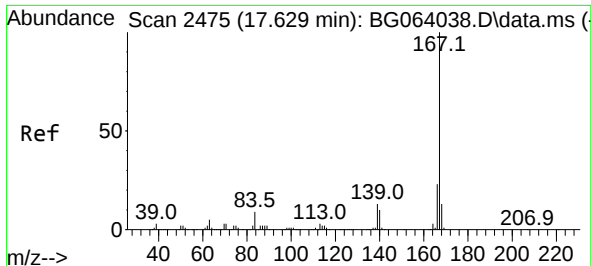
Tgt Ion:178 Resp: 579001
Ion Ratio Lower Upper
178 100
176 20.2 15.5 23.3
179 15.6 12.6 19.0



#72
Anthracene
Concen: 40.706 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BG064042.D
Acq: 3 Mar 2025 17:40

Tgt Ion:178 Resp: 582986
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 14.6 12.1 18.1



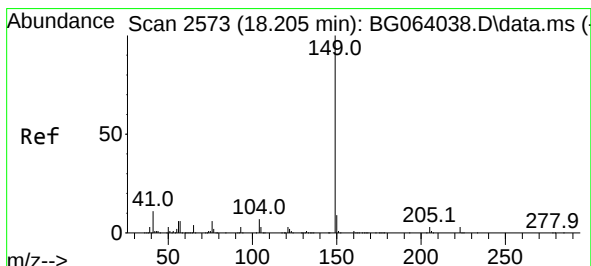
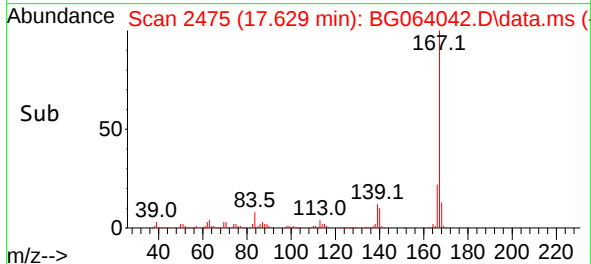
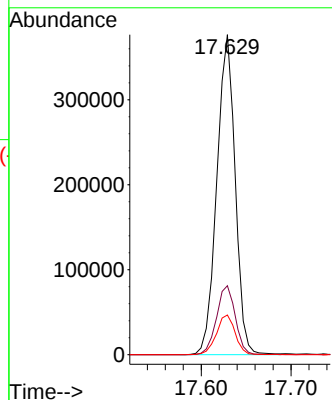
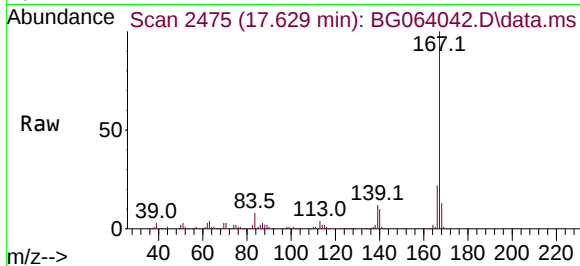


#73
 Carbazole
 Concen: 41.975 ng
 RT: 17.629 min Scan# 2475
 Delta R.T. -0.000 min
 Lab File: BG064042.D
 Acq: 3 Mar 2025 17:40

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:167 Resp: 534187

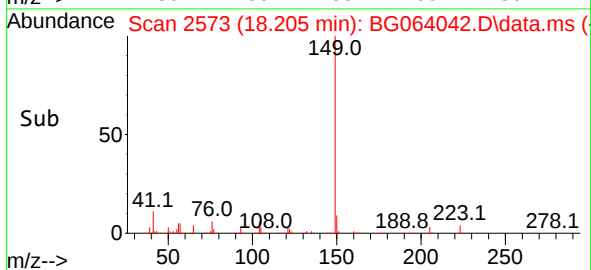
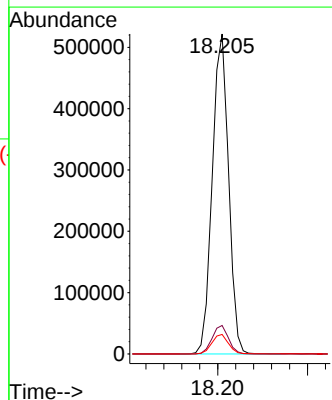
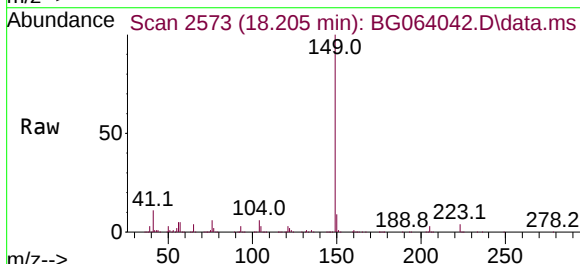
Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.4	27.6
139	12.4	10.4	15.6

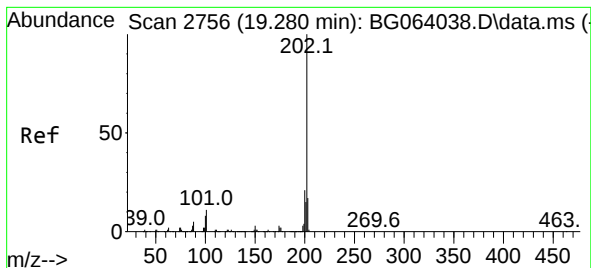


#74
 Di-n-butylphthalate
 Concen: 43.835 ng
 RT: 18.205 min Scan# 2573
 Delta R.T. -0.000 min
 Lab File: BG064042.D
 Acq: 3 Mar 2025 17:40

Tgt Ion:149 Resp: 656926

Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	6.1	5.4	8.2





#75

Fluoranthene

Concen: 40.913 ng

RT: 19.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064042.D

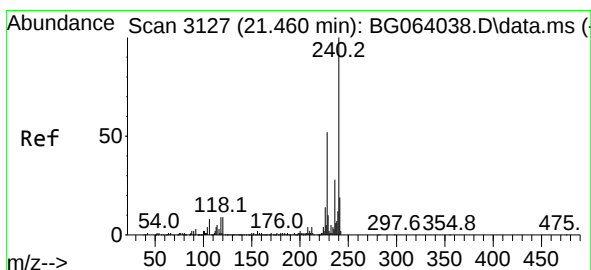
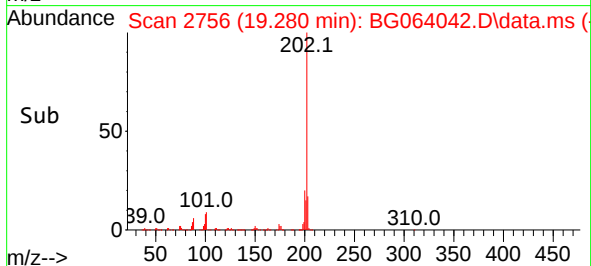
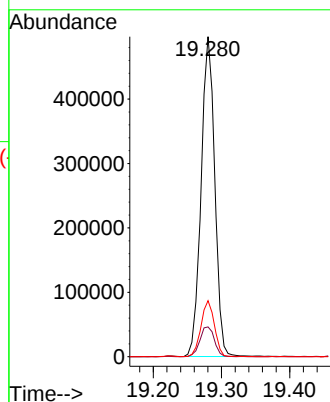
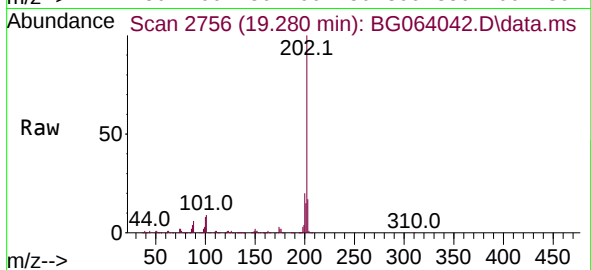
Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	202	Resp:	690345
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	31.4
203	17.5	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

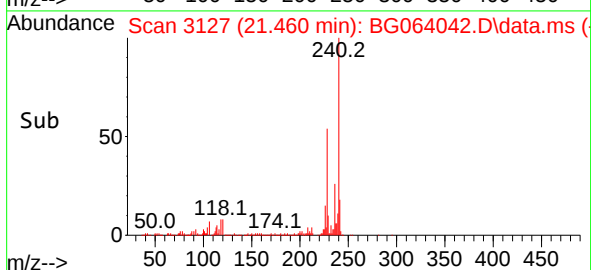
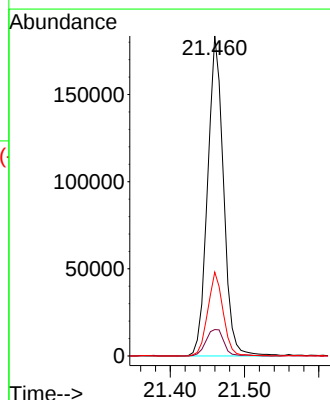
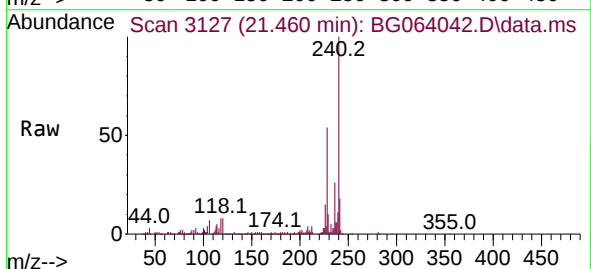
RT: 21.460 min Scan# 3127

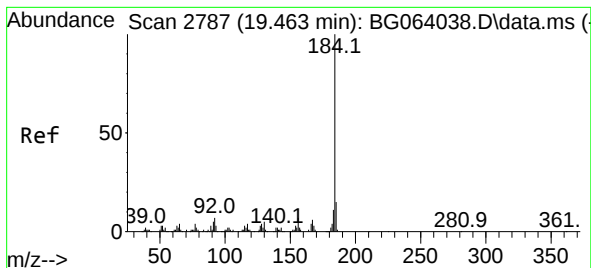
Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Tgt Ion:	240	Resp:	274162
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.4	11.0
236	26.2	22.0	33.0





#77

Benzidine

Concen: 52.807 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

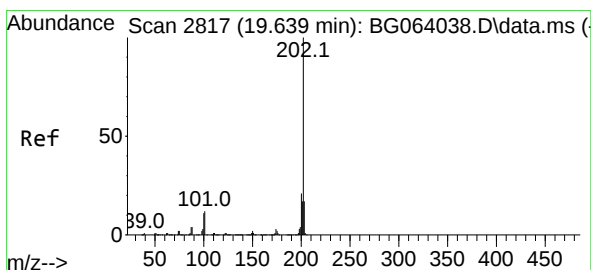
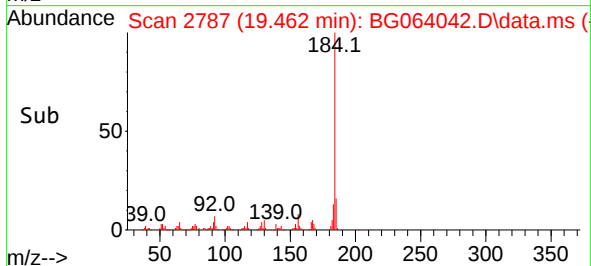
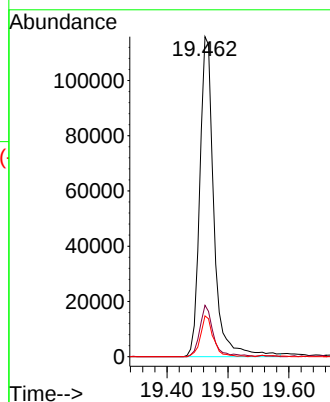
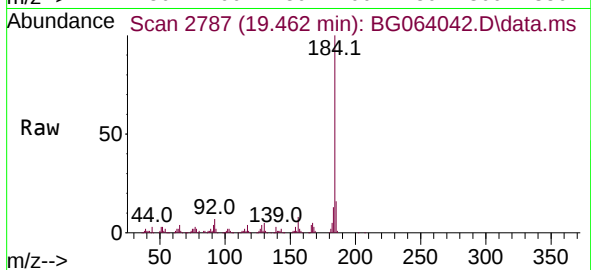
Tgt Ion:184 Resp: 186320

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.8

183 12.7 8.8 13.2



#78

Pyrene

Concen: 40.872 ng

RT: 19.639 min Scan# 2817

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

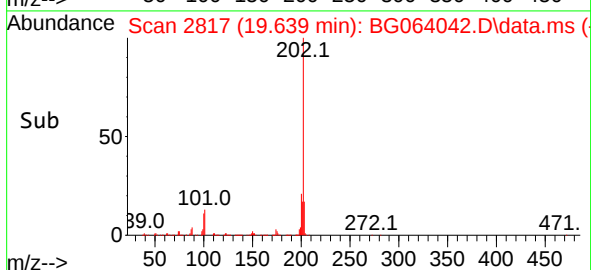
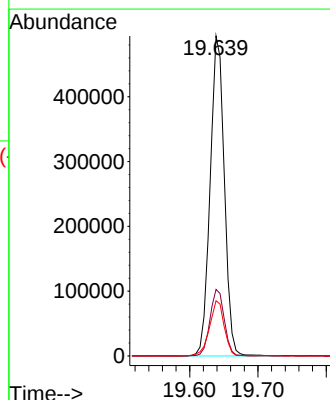
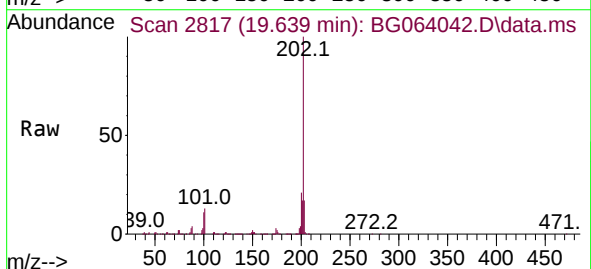
Tgt Ion:202 Resp: 715006

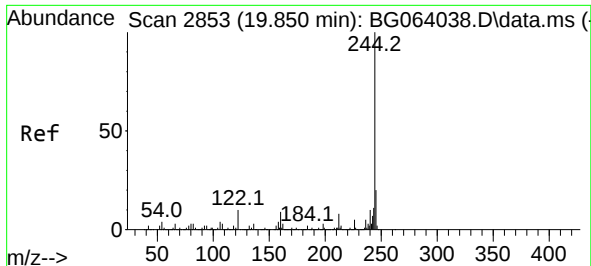
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

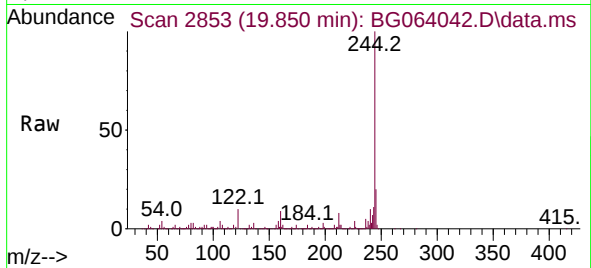
203 17.2 13.5 20.3



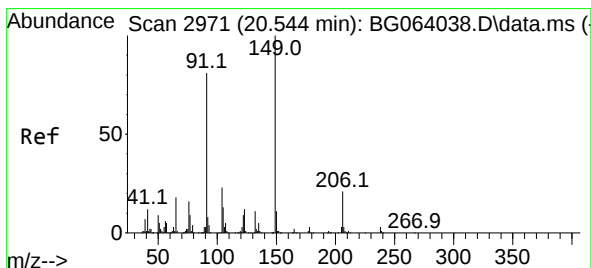
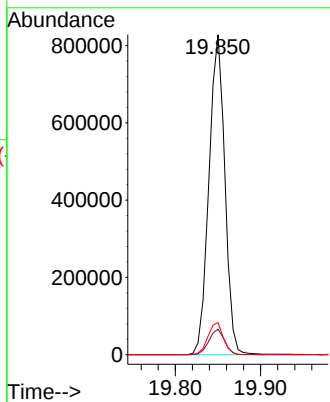
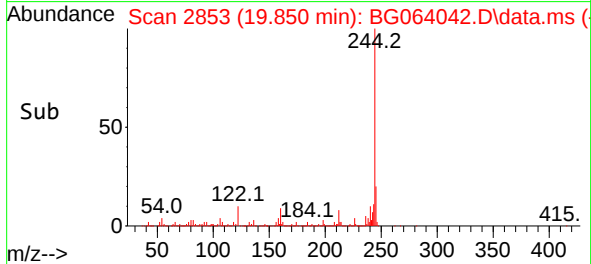


#79
 Terphenyl-d14
 Concen: 79.388 ng
 RT: 19.850 min Scan# 2853
 Delta R.T. -0.000 min
 Lab File: BG064042.D
 Acq: 3 Mar 2025 17:40

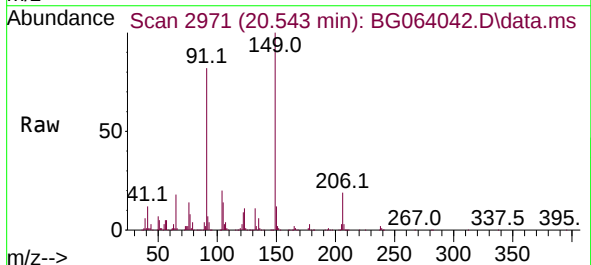
Instrument :
 BNA_G
 ClientSampleId :



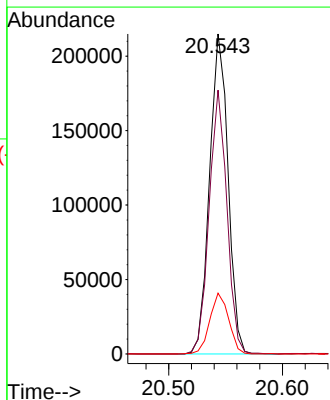
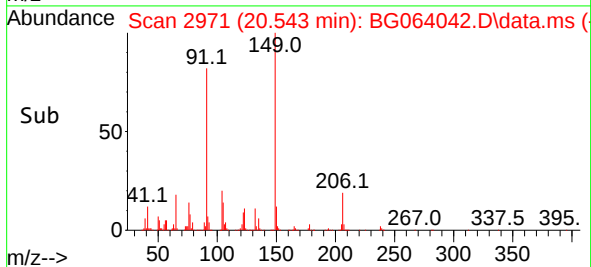
Tgt Ion:244 Resp: 1072318
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.0 8.0 12.0

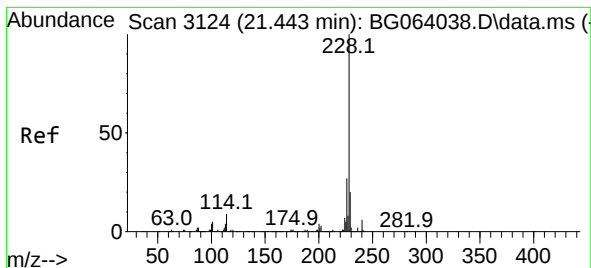


#80
 Butylbenzylphthalate
 Concen: 49.445 ng
 RT: 20.543 min Scan# 2971
 Delta R.T. -0.001 min
 Lab File: BG064042.D
 Acq: 3 Mar 2025 17:40



Tgt Ion:149 Resp: 241918
 Ion Ratio Lower Upper
 149 100
 91 82.5 65.0 97.4
 206 19.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 40.122 ng

RT: 21.442 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

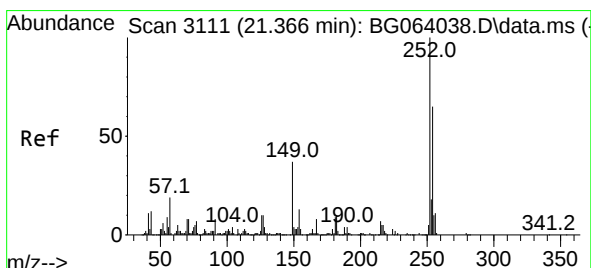
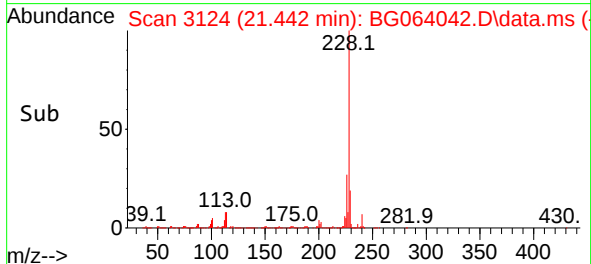
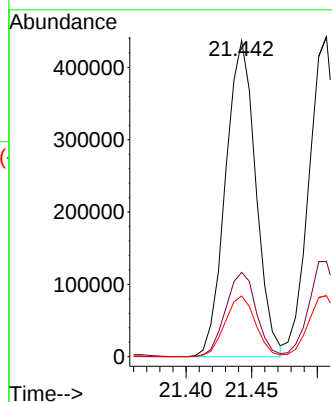
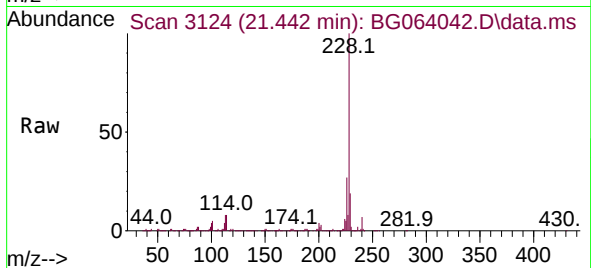
Tgt Ion:228 Resp: 701038

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 47.248 ng

RT: 21.366 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

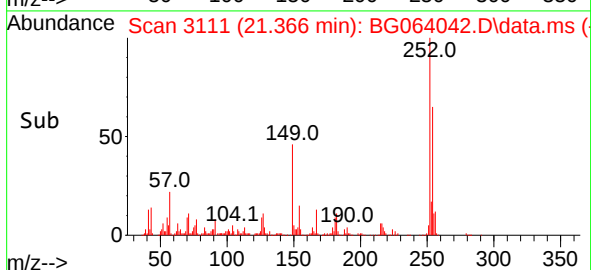
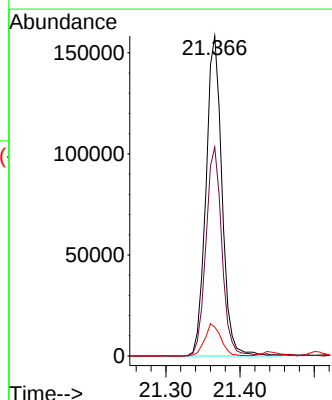
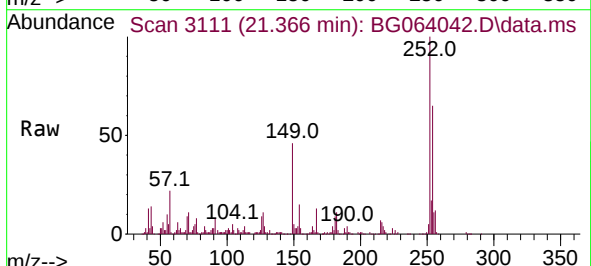
Tgt Ion:252 Resp: 237809

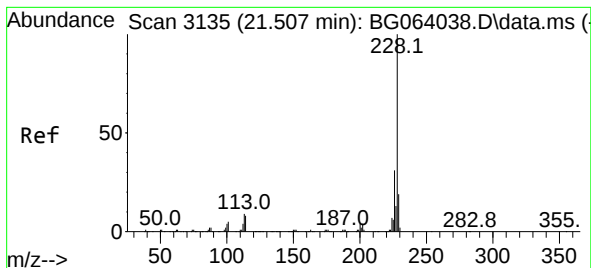
Ion Ratio Lower Upper

252 100

254 65.3 52.1 78.1

126 9.0 7.8 11.6





#83

Chrysene

Concen: 39.905 ng

RT: 21.507 min Scan# 3135

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

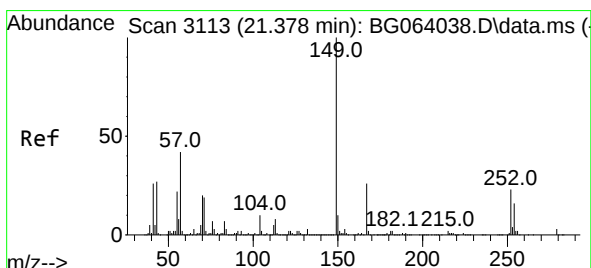
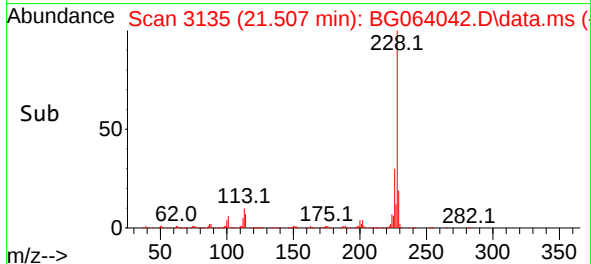
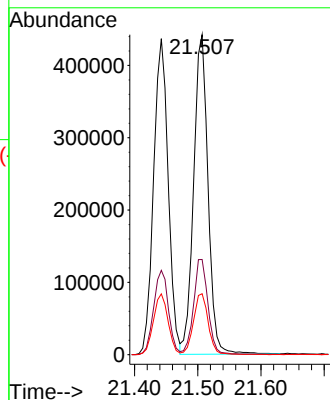
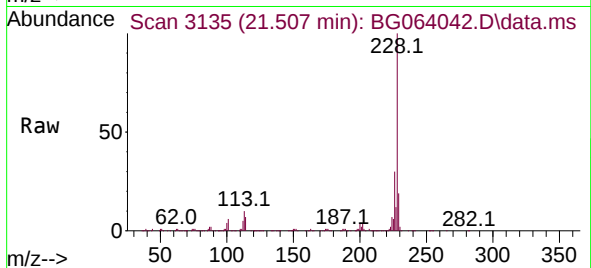
Tgt Ion:228 Resp: 698429

Ion Ratio Lower Upper

228 100

226 29.7 24.6 37.0

229 19.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.676 ng

RT: 21.378 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

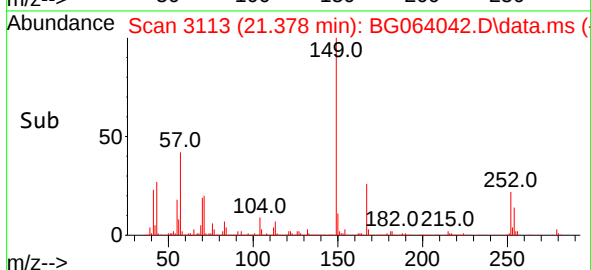
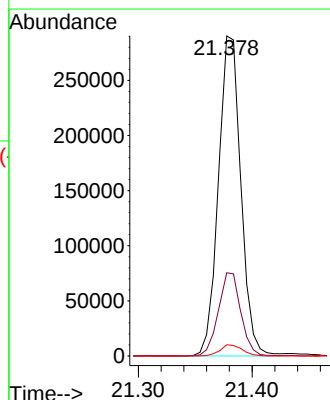
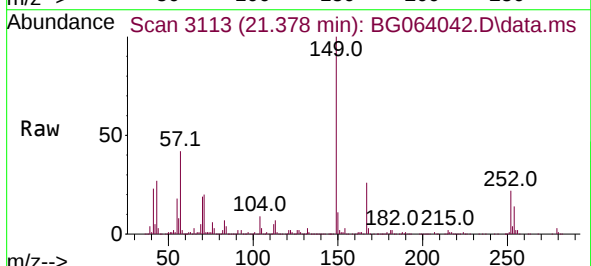
Tgt Ion:149 Resp: 397977

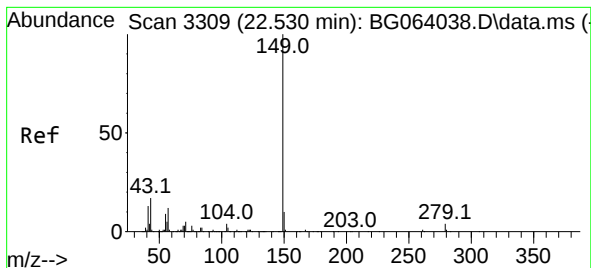
Ion Ratio Lower Upper

149 100

167 26.0 20.4 30.6

279 3.5 2.3 3.5#





#85

Di-n-octyl phthalate

Concen: 46.949 ng

RT: 22.529 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

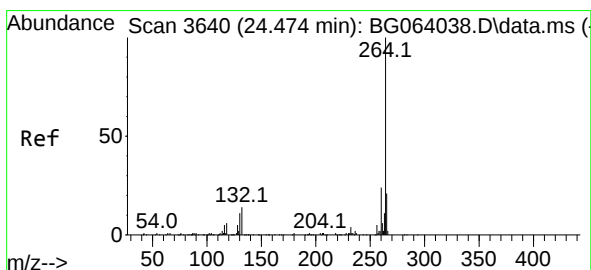
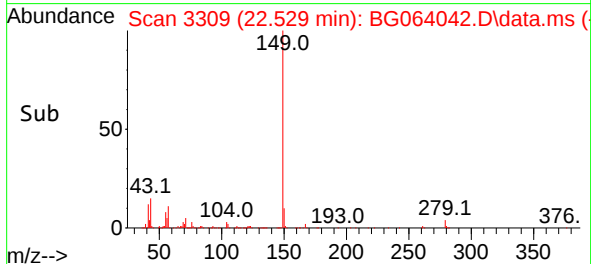
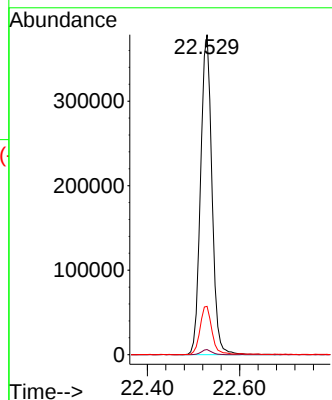
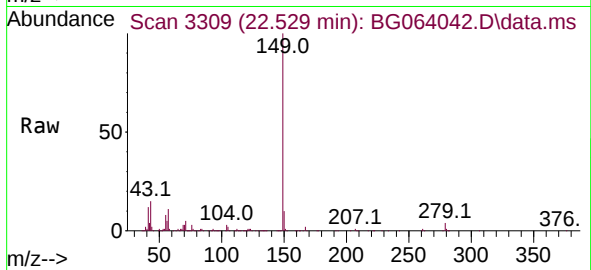
Tgt Ion:149 Resp: 648238

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.8 14.1 21.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3640

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

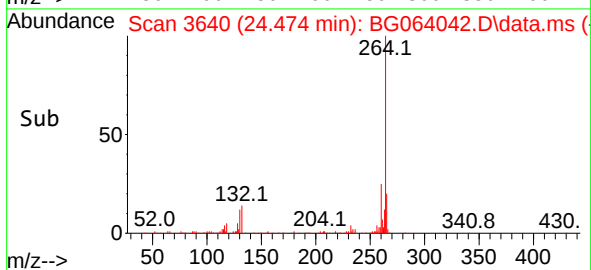
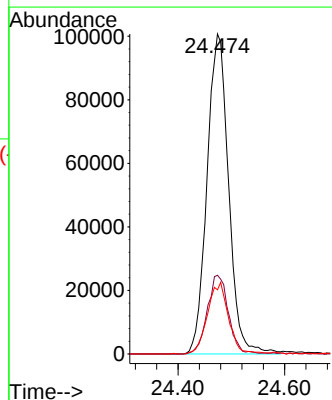
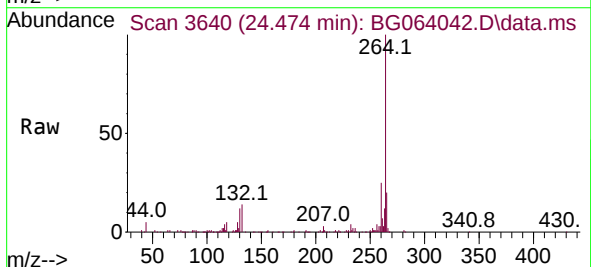
Tgt Ion:264 Resp: 282644

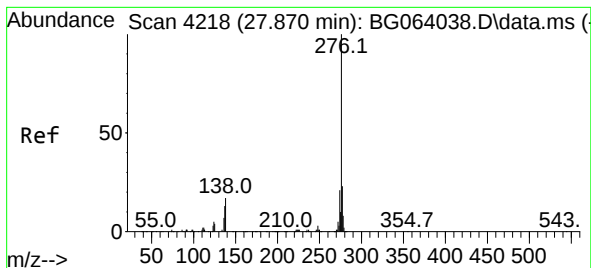
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

265 20.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.045 ng

RT: 27.876 min Scan# 4218

Delta R.T. 0.006 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

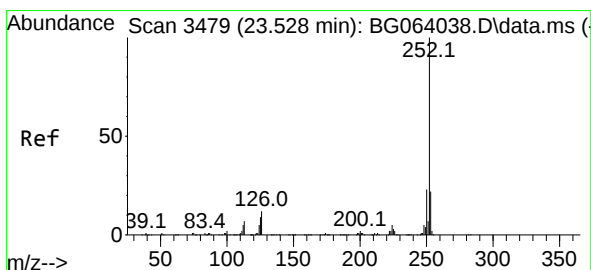
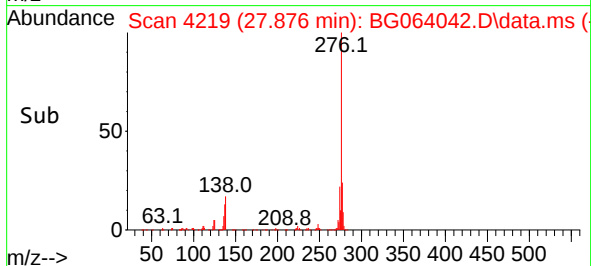
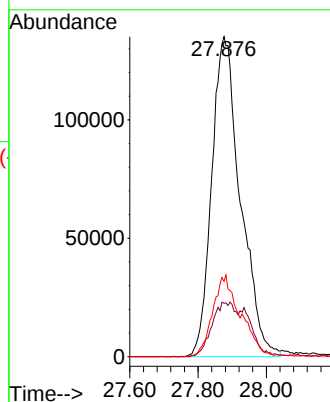
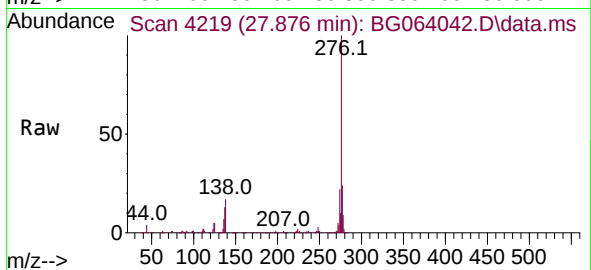
Tgt Ion:276 Resp: 789846

Ion Ratio Lower Upper

276 100

138 14.3 9.8 14.8

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.799 ng

RT: 23.528 min Scan# 3479

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

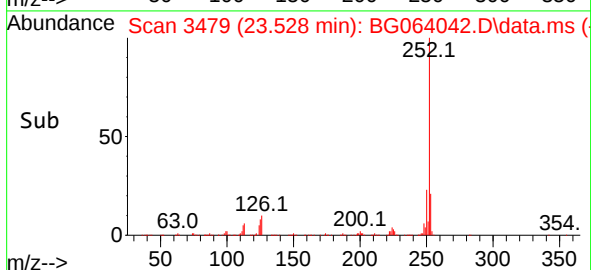
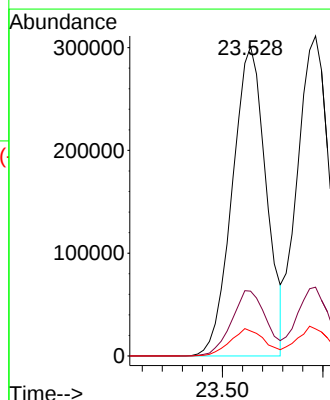
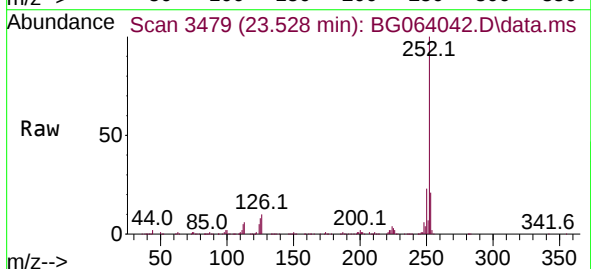
Tgt Ion:252 Resp: 705779

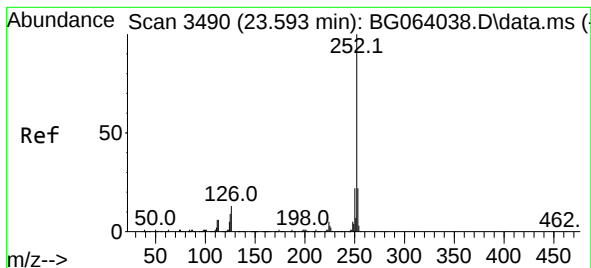
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 8.1 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 41.312 ng

RT: 23.593 min Scan# 34

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :

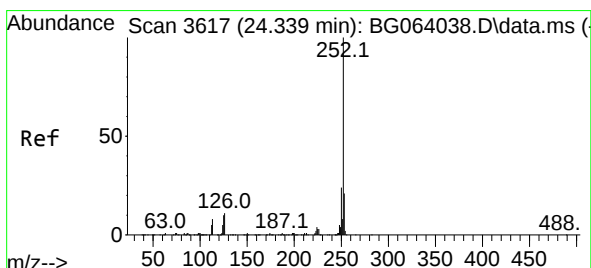
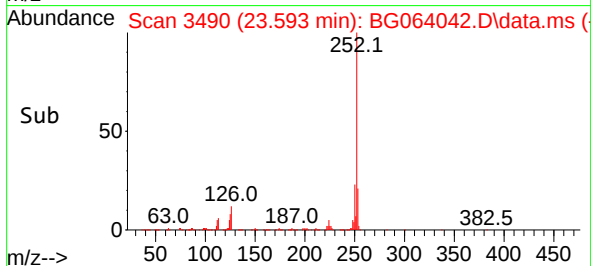
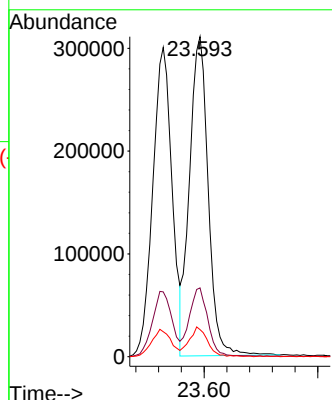
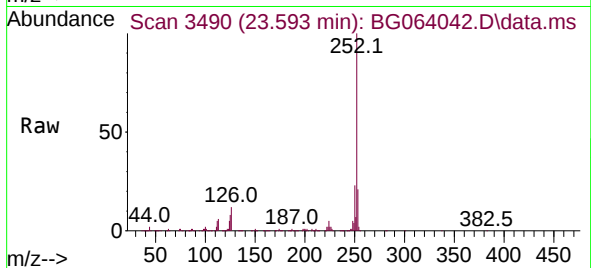
Tgt Ion:252 Resp: 709958

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.732 ng

RT: 24.333 min Scan# 3616

Delta R.T. -0.006 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

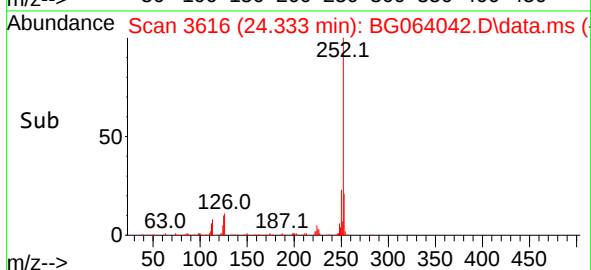
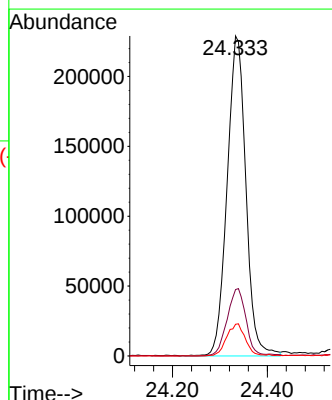
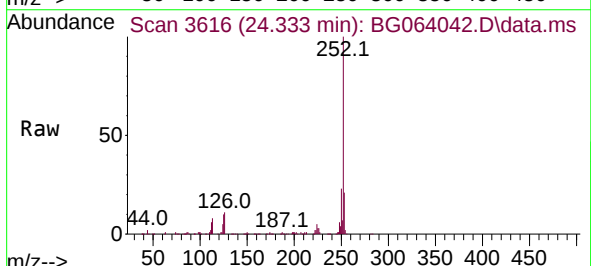
Tgt Ion:252 Resp: 628465

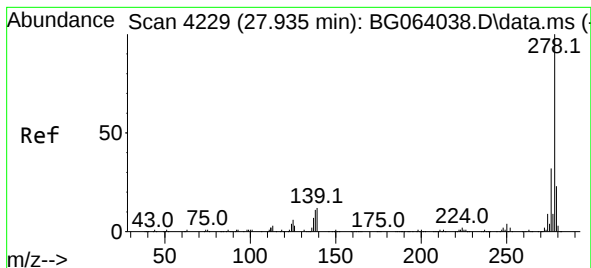
Ion Ratio Lower Upper

252 100

253 20.8 16.5 24.7

125 9.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.393 ng

RT: 27.935 min Scan# 41

Delta R.T. -0.000 min

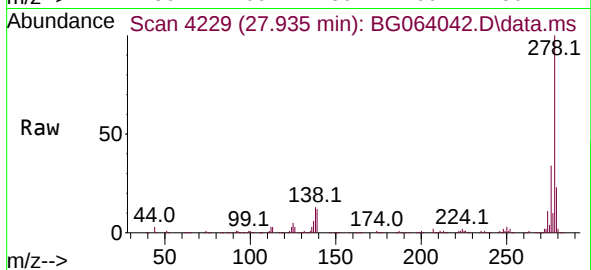
Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Instrument :

BNA_G

ClientSampleId :



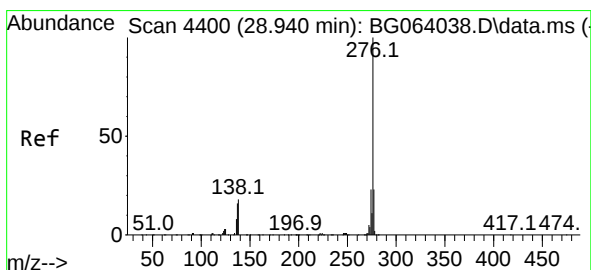
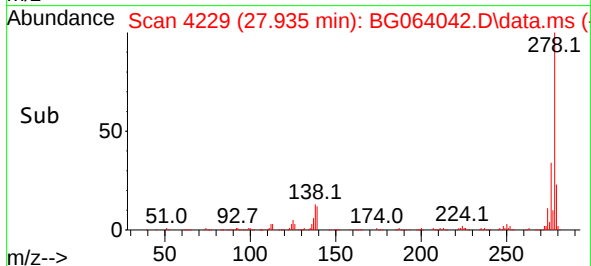
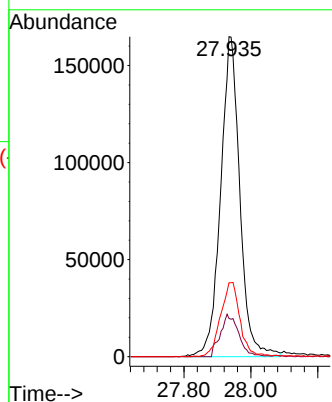
Tgt Ion:278 Resp: 657857

Ion Ratio Lower Upper

278 100

139 11.9 9.7 14.5

279 23.1 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 41.440 ng

RT: 28.939 min Scan# 4400

Delta R.T. -0.000 min

Lab File: BG064042.D

Acq: 3 Mar 2025 17:40

Tgt Ion:276 Resp: 669648

Ion Ratio Lower Upper

276 100

277 21.6 18.2 27.4

138 18.2 14.4 21.6

