

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064038.D
 Acq On : 3 Mar 2025 14:58
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 07:12:43 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 07:06:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	35886	20.000	ng	0.00
21) Naphthalene-d8	10.655	136	173886	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	121725	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	274012	20.000	ng	0.00
76) Chrysene-d12	21.460	240	274236	20.000	ng	0.00
86) Perylene-d12	24.474	264	286191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.450	112	172647	82.514	ng	0.00
7) Phenol-d6	7.024	99	251048	85.061	ng	0.00
23) Nitrobenzene-d5	9.016	82	255452	85.384	ng	0.00
42) 2,4,6-Tribromophenol	15.973	330	98511	76.209	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	662757	82.836	ng	0.00
79) Terphenyl-d14	19.850	244	1063739	78.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	39235	37.441	ng	100
3) Pyridine	3.757	79	99549	40.046	ng	100
4) n-Nitrosodimethylamine	3.675	42	72861	40.173	ng	100
6) Aniline	7.189	93	130436	41.383	ng	100
8) 2-Chlorophenol	7.430	128	92587	41.602	ng	100
9) Benzaldehyde	7.001	77	71660	40.729	ng	100
10) Phenol	7.054	94	130419	42.427	ng	100
11) bis(2-Chloroethyl)ether	7.289	93	106721	41.845	ng	100
12) 1,3-Dichlorobenzene	7.753	146	106203	40.085	ng	100
13) 1,4-Dichlorobenzene	7.900	146	106361	38.834	ng	100
14) 1,2-Dichlorobenzene	8.217	146	104035	39.786	ng	100
15) Benzyl Alcohol	8.099	79	97118	40.095	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.393	45	233885	40.715	ng	100
17) 2-Methylphenol	8.299	107	89716	43.368	ng	100
18) Hexachloroethane	8.945	117	37657	41.027	ng	100
19) n-Nitroso-di-n-propyla...	8.669	70	101734	43.999	ng	100
20) 3+4-Methylphenols	8.628	107	123814	41.711	ng	100
22) Acetophenone	8.681	105	191715	39.953	ng	100
24) Nitrobenzene	9.057	77	132434	41.956	ng	100
25) Isophorone	9.580	82	265124	41.704	ng	100
26) 2-Nitrophenol	9.762	139	29276	39.139	ng	100
27) 2,4-Dimethylphenol	9.827	122	71098	42.068	ng	100
28) bis(2-Chloroethoxy)met...	10.062	93	164707	42.139	ng	100
29) 2,4-Dichlorophenol	10.297	162	92291	38.428	ng	100
30) 1,2,4-Trichlorobenzene	10.514	180	112953	39.823	ng	100
31) Naphthalene	10.702	128	376334	40.182	ng	100
32) Benzoic acid	9.968	122	38441	38.070	ng	100
33) 4-Chloroaniline	10.802	127	144311	41.620	ng	100
34) Hexachlorobutadiene	10.996	225	73858	40.054	ng	100
35) Caprolactam	11.578	113	32823	38.818	ng	100
36) 4-Chloro-3-methylphenol	11.930	107	129192	43.468	ng	100
37) 2-Methylnaphthalene	12.312	142	270623	40.044	ng	100
38) 1-Methylnaphthalene	12.530	142	270076	40.027	ng	100
40) 1,2,4,5-Tetrachloroben...	12.676	216	137834	40.789	ng	100
41) Hexachlorocyclopentadiene	12.665	237	38597	42.783	ng	100
43) 2,4,6-Trichlorophenol	12.917	196	78879	38.778	ng	100

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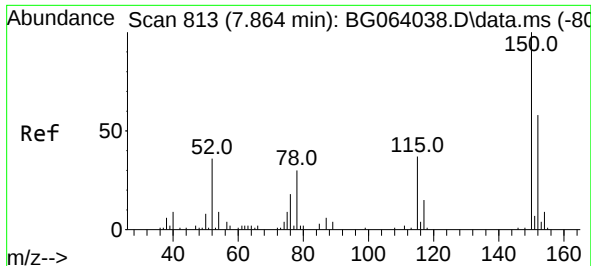
Quant Time: Mar 04 07:12:43 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.988	196	90224	39.549	ng	100
46) 1,1'-Biphenyl	13.323	154	388446	41.851	ng	100
47) 2-Chloronaphthalene	13.364	162	275241	41.217	ng	100
48) 2-Nitroaniline	13.558	65	71217	39.466	ng	100
49) Acenaphthylene	14.210	152	440407	41.781	ng	100
50) Dimethylphthalate	13.951	163	356758	44.721	ng	100
51) 2,6-Dinitrotoluene	14.057	165	68556	40.334	ng	100
52) Acenaphthene	14.551	154	299604	41.522	ng	100
53) 3-Nitroaniline	14.386	138	69775	39.219	ng	100
54) 2,4-Dinitrophenol	14.592	184	19038	40.499	ng	100
55) Dibenzofuran	14.886	168	474445	41.126	ng	100
56) 4-Nitrophenol	14.686	139	49758	37.683	ng	100
57) 2,4-Dinitrotoluene	14.844	165	88061	38.178	ng	100
58) Fluorene	15.532	166	369501	41.531	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.109	232	83449	38.901	ng	100
60) Diethylphthalate	15.314	149	375859	44.537	ng	100
61) 4-Chlorophenyl-phenyle...	15.532	204	183386	40.777	ng	100
62) 4-Nitroaniline	15.550	138	75278	39.628	ng	100
63) Azobenzene	15.826	77	437860	41.438	ng	100
65) 4,6-Dinitro-2-methylph...	15.608	198	31544	39.816	ng	100
66) n-Nitrosodiphenylamine	15.743	169	314963	41.398	ng	100
67) 4-Bromophenyl-phenylether	16.425	248	111709	39.715	ng	100
68) Hexachlorobenzene	16.537	284	131632	42.022	ng	100
69) Atrazine	16.695	200	81939	47.857	ng	100
70) Pentachlorophenol	16.877	266	66158	37.760	ng	100
71) Phenanthrene	17.271	178	586823	40.249	ng	100
72) Anthracene	17.359	178	587473	40.536	ng	100
73) Carbazole	17.629	167	525643	40.816	ng	100
74) Di-n-butylphthalate	18.205	149	554432	37.310	ng	100
75) Fluoranthene	19.280	202	671703	39.340	ng	100
77) Benzidine	19.463	184	160458	45.465	ng	100
78) Pyrene	19.639	202	705586	40.322	ng	100
80) Butylbenzylphthalate	20.544	149	181845	38.390	ng	100
81) Benzo(a)anthracene	21.443	228	704528	40.310	ng	100
82) 3,3'-Dichlorobenzidine	21.366	252	225167	44.724	ng	100
83) Chrysene	21.507	228	708007	40.441	ng	100
84) Bis(2-ethylhexyl)phtha...	21.378	149	318860	39.215	ng	100
85) Di-n-octyl phthalate	22.530	149	505591	39.059	ng	100
87) Indeno(1,2,3-cd)pyrene	27.870	276	775529	40.771	ng	100
88) Benzo(b)fluoranthene	23.528	252	701757	41.045	ng	100
89) Benzo(k)fluoranthene	23.593	252	727886	41.831	ng	100
90) Benzo(a)pyrene	24.339	252	623945	40.919	ng	100
91) Dibenzo(a,h)anthracene	27.935	278	643980	40.984	ng	100
92) Benzo(g,h,i)perylene	28.940	276	662708	40.502	ng	100

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

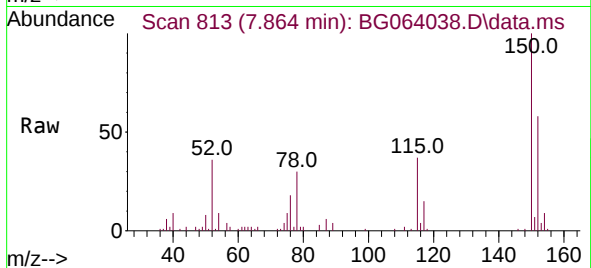
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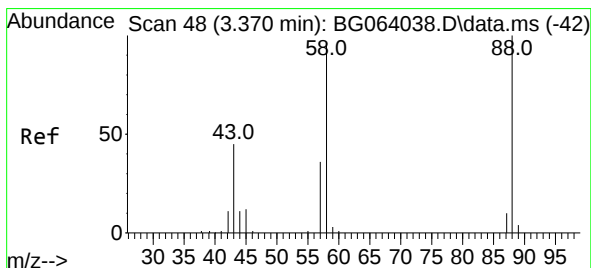
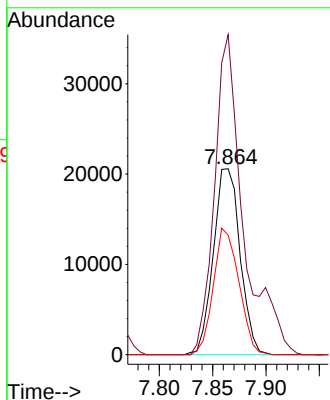
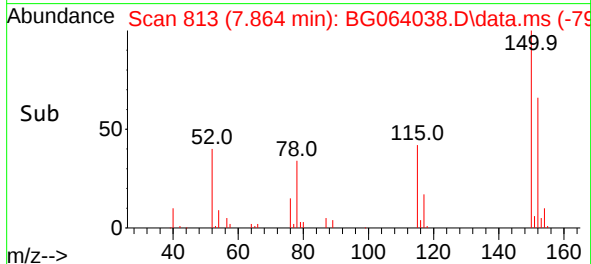


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.864 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

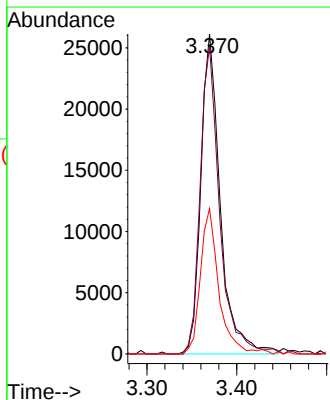
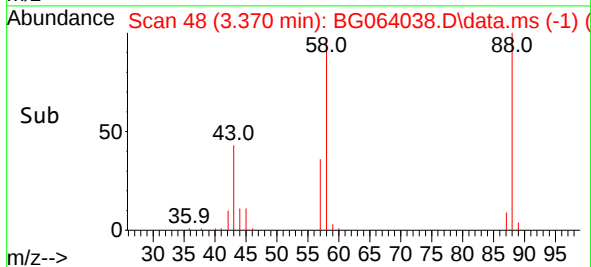
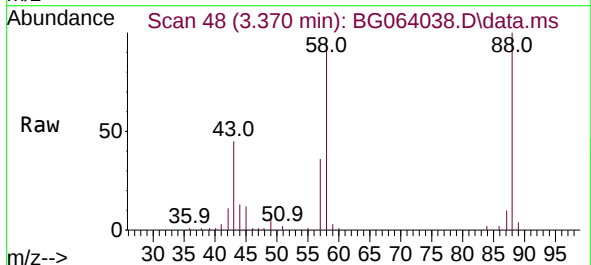


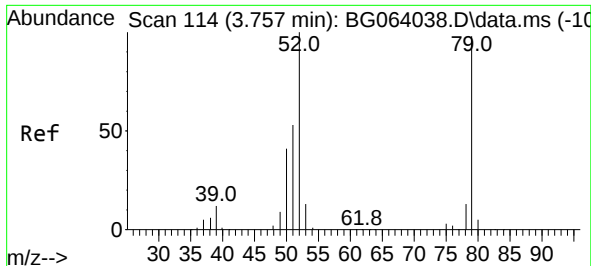
Tgt Ion:152 Resp: 35886
Ion Ratio Lower Upper
152 100
150 172.1 137.7 206.5
115 64.3 51.4 77.2



#2
1,4-Dioxane
Concen: 37.441 ng
RT: 3.370 min Scan# 48
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion: 88 Resp: 39235
Ion Ratio Lower Upper
88 100
58 96.3 77.0 115.6
43 43.3 34.6 52.0

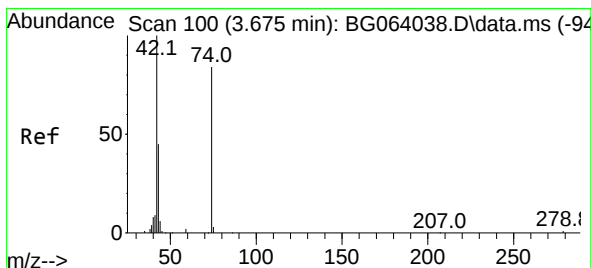
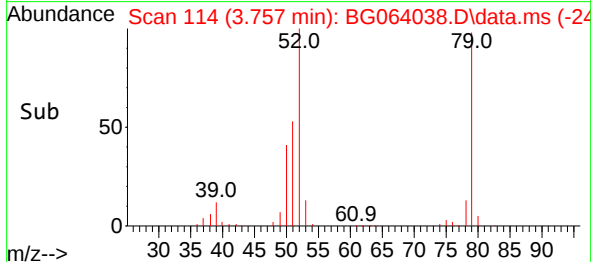
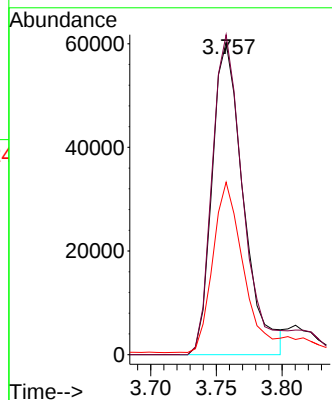
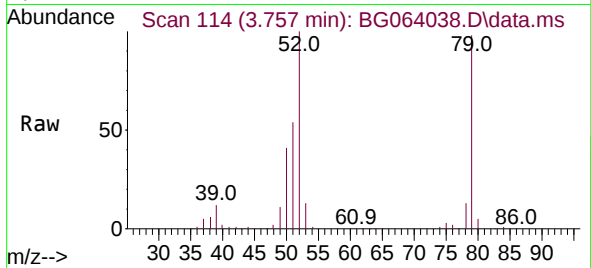




#3
Pyridine
Concen: 40.046 ng
RT: 3.757 min Scan# 114
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

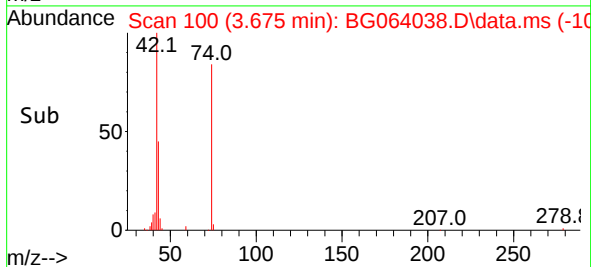
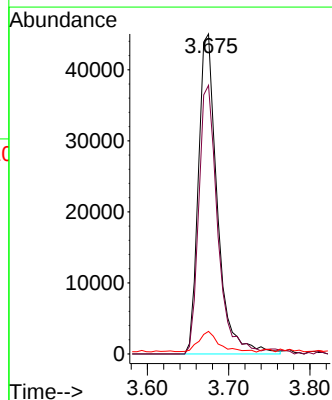
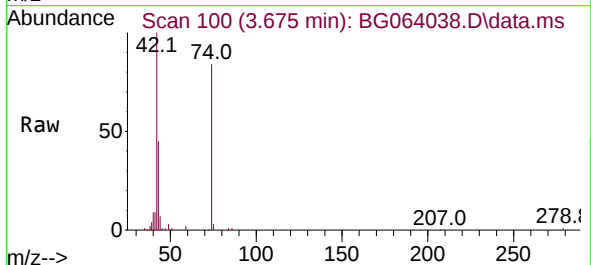
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BNA_G
ClientSampleId :

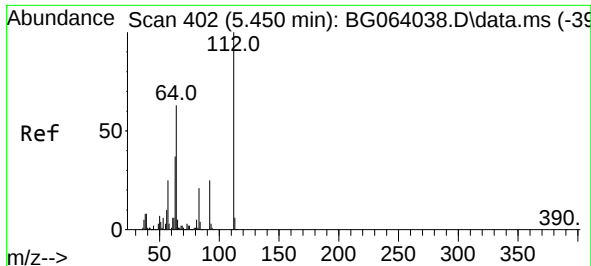
Tgt Ion: 79 Resp: 99549
Ion Ratio Lower Upper
79 100
52 102.5 82.0 123.0
51 55.2 44.2 66.2



#4
n-Nitrosodimethylamine
Concen: 40.173 ng
RT: 3.675 min Scan# 100
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion: 42 Resp: 72861
Ion Ratio Lower Upper
42 100
74 84.0 67.2 100.8
44 7.0 5.6 8.4

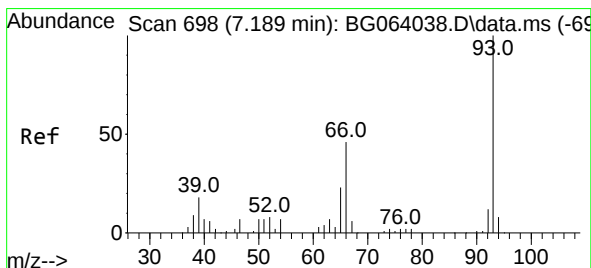
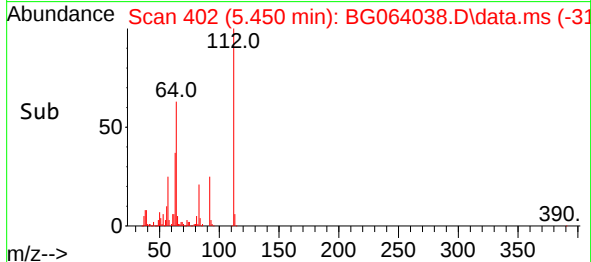
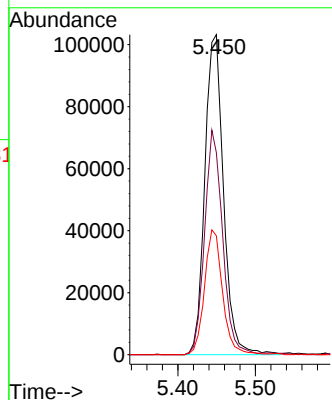
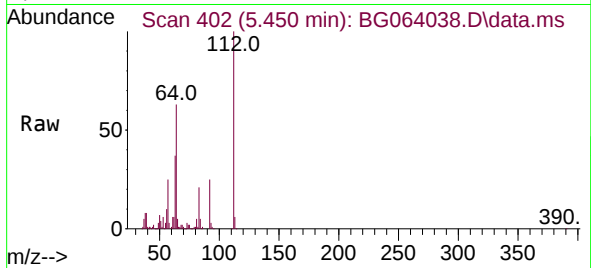




#5
2-Fluorophenol
Concen: 82.514 ng
RT: 5.450 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

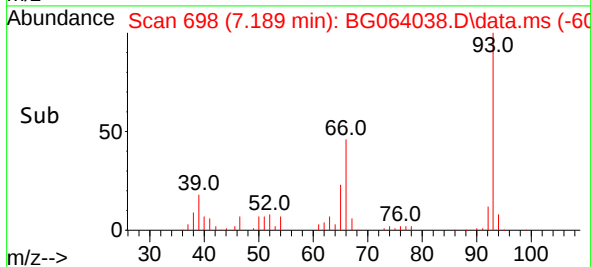
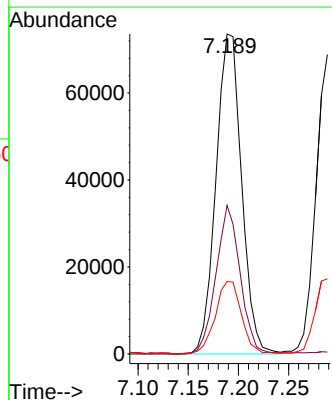
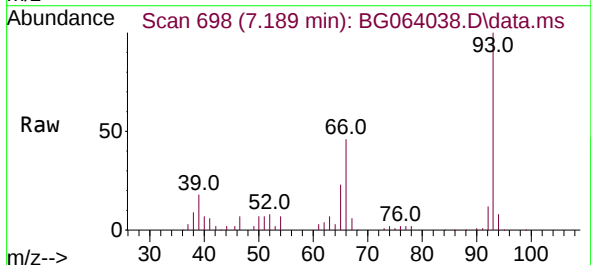
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BNA_G
ClientSampleId :

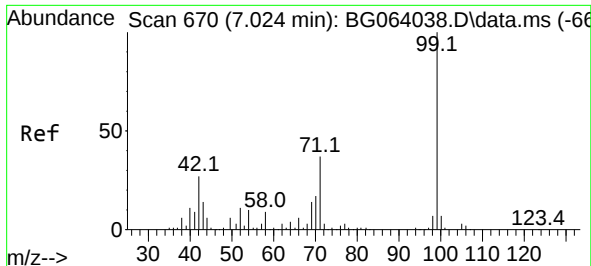
Tgt Ion:112 Resp: 172647
Ion Ratio Lower Upper
112 100
64 63.1 50.5 75.7
63 37.2 29.8 44.6



#6
Aniline
Concen: 41.383 ng
RT: 7.189 min Scan# 698
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion: 93 Resp: 130436
Ion Ratio Lower Upper
93 100
66 46.4 37.1 55.7
65 22.7 18.2 27.2

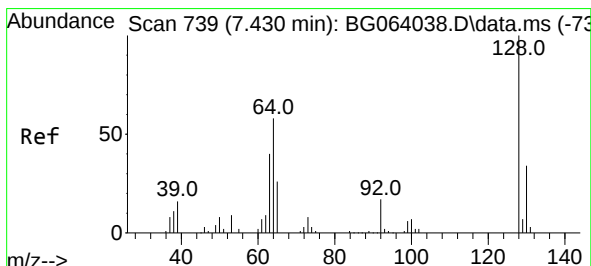
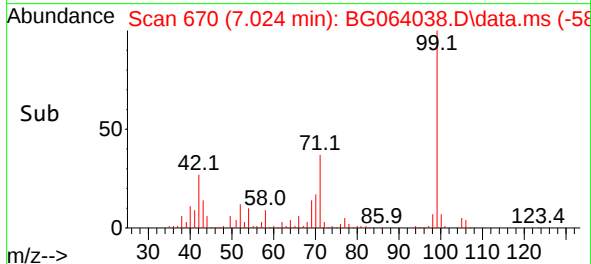
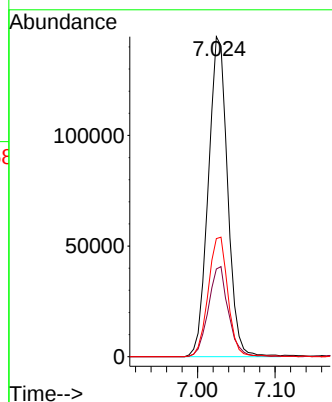
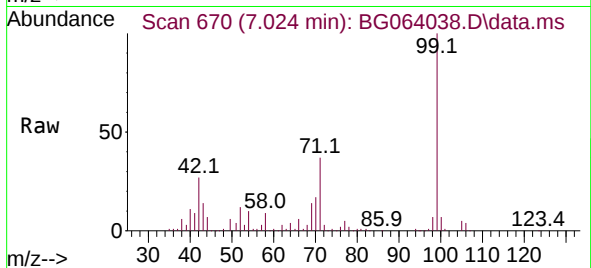




#7
Phenol-d6
Concen: 85.061 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

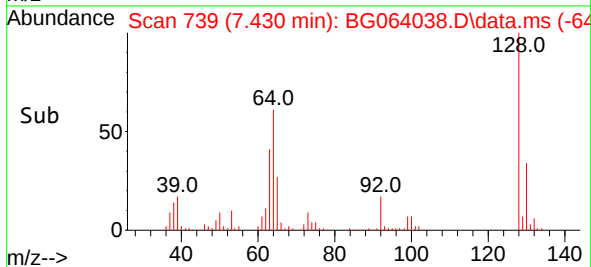
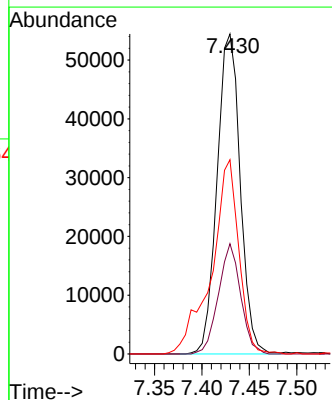
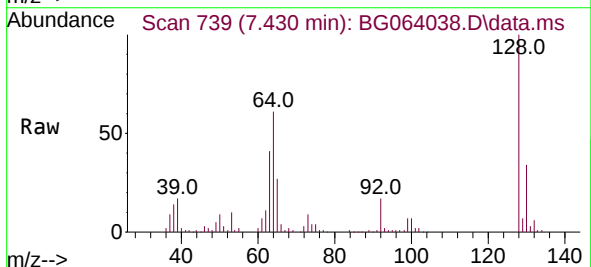
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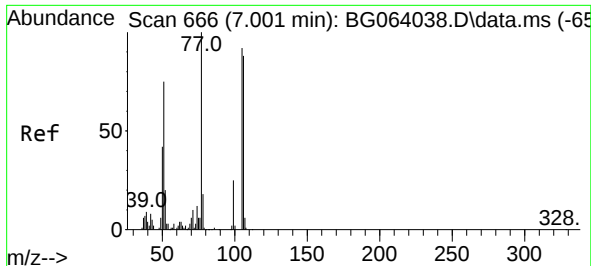
Tgt Ion: 99 Resp: 251048
Ion Ratio Lower Upper
99 100
42 27.4 21.9 32.9
71 36.9 29.5 44.3



#8
2-Chlorophenol
Concen: 41.602 ng
RT: 7.430 min Scan# 739
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:128 Resp: 92587
Ion Ratio Lower Upper
128 100
130 34.4 14.4 54.4
64 60.7 40.7 80.7

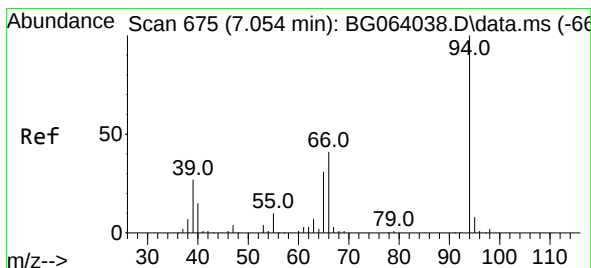
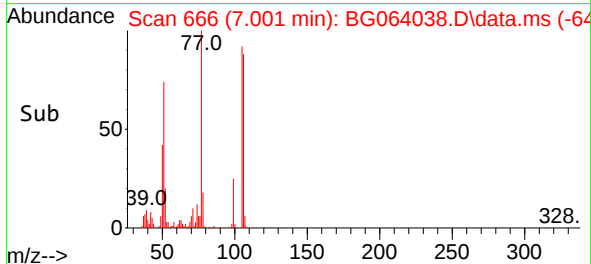
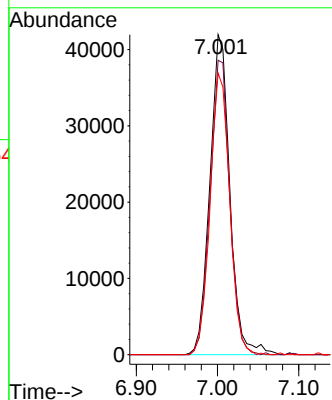
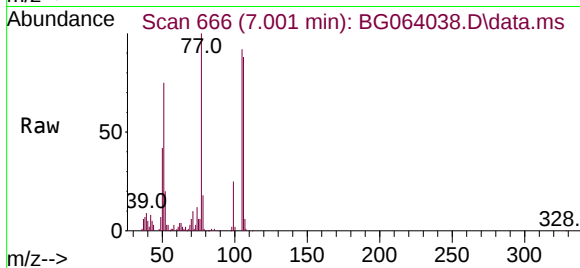




#9
Benzaldehyde
Concen: 40.729 ng
RT: 7.001 min Scan# 666
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

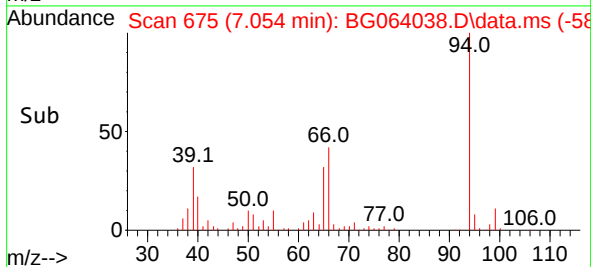
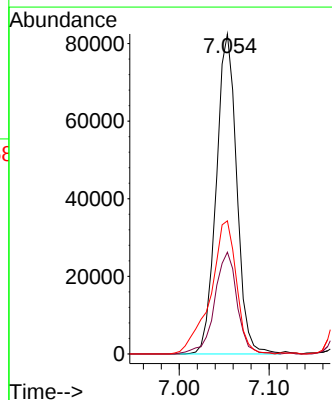
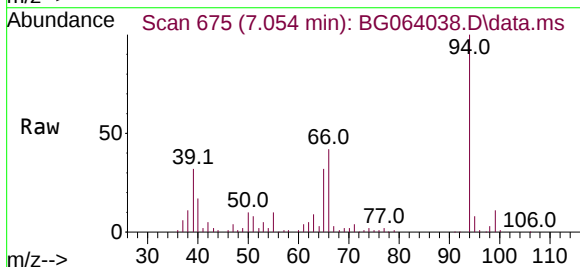
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ClientSampleId :

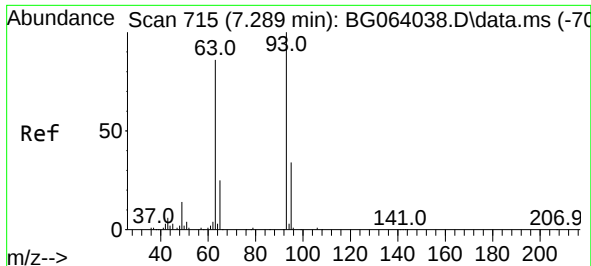
Tgt Ion: 77 Resp: 71660
Ion Ratio Lower Upper
77 100
105 92.0 72.0 112.0
106 88.0 68.0 108.0



#10
Phenol
Concen: 42.427 ng
RT: 7.054 min Scan# 675
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

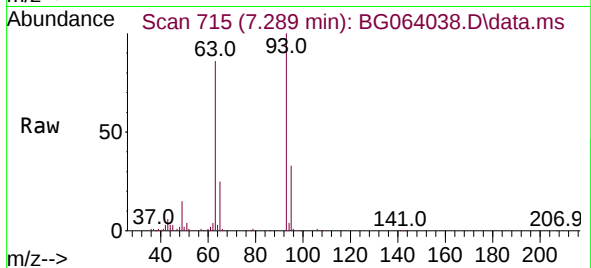
Tgt Ion: 94 Resp: 130419
Ion Ratio Lower Upper
94 100
65 31.8 11.8 51.8
66 41.6 21.6 61.6



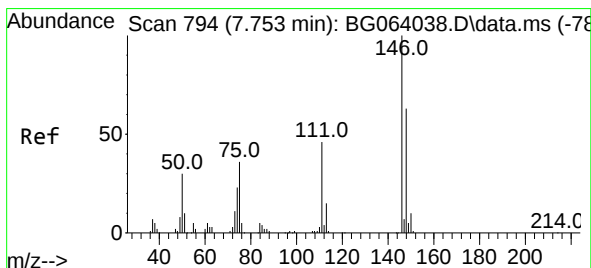
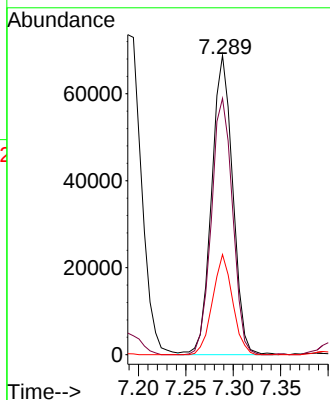
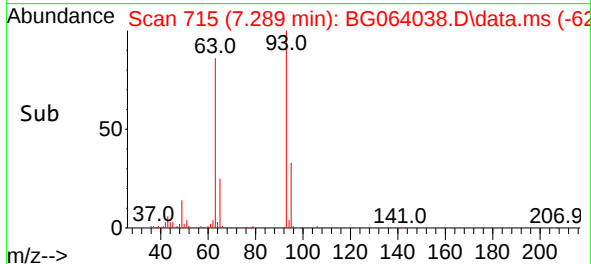


#11
bis(2-Chloroethyl)ether
Concen: 41.845 ng
RT: 7.289 min Scan# 715
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

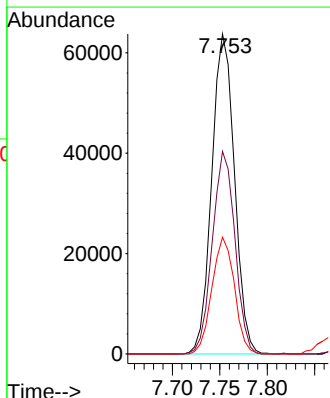
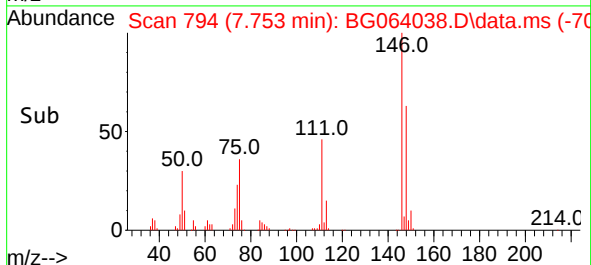
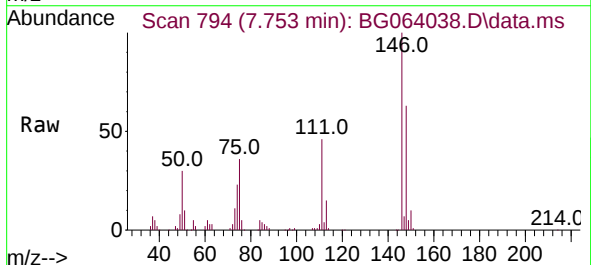


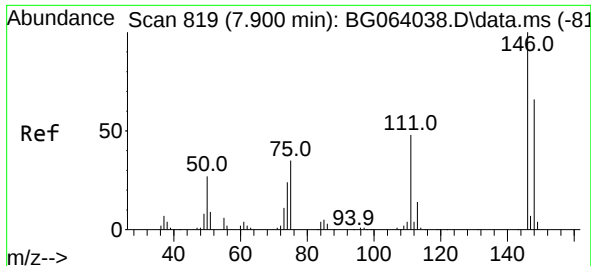
Tgt Ion: 93 Resp: 106721
Ion Ratio Lower Upper
93 100
63 85.7 65.7 105.7
95 33.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.085 ng
RT: 7.753 min Scan# 794
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:146 Resp: 106203
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 36.5 29.2 43.8

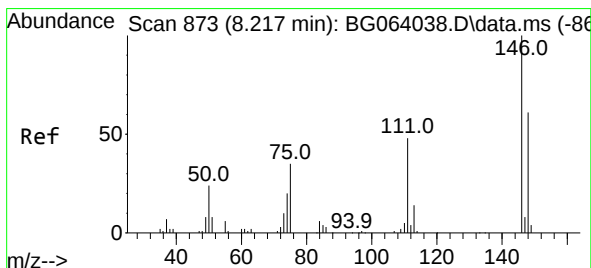
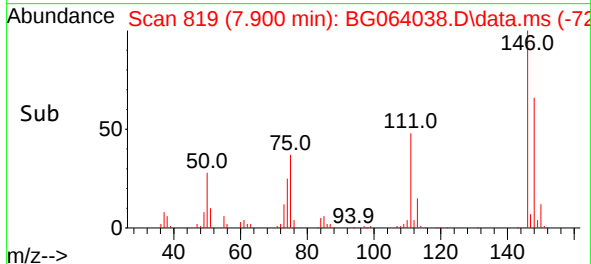
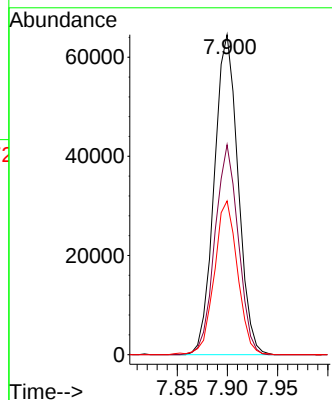
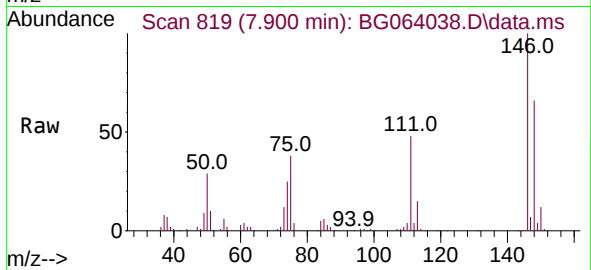




#13
1,4-Dichlorobenzene
Concen: 38.834 ng
RT: 7.900 min Scan# 819
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

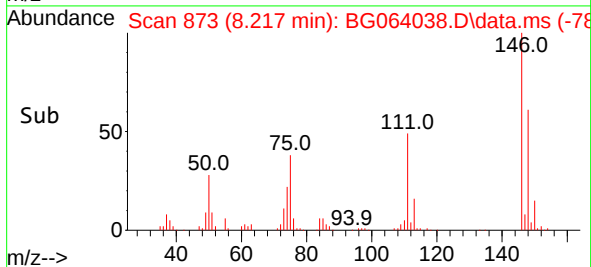
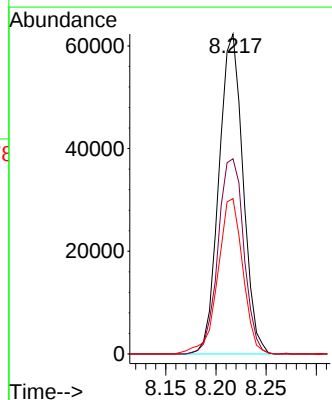
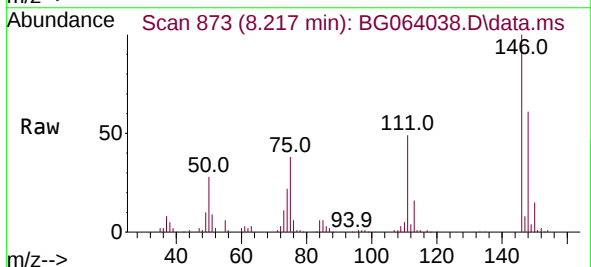
Instrument :
BNA_G
ClientSampleId :

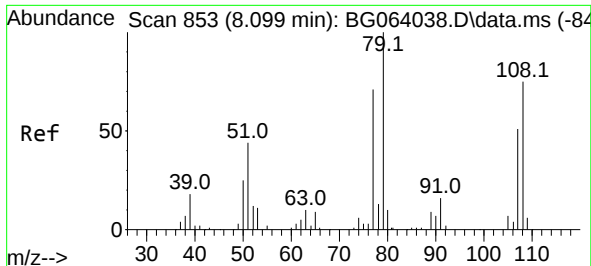
Tgt Ion:146 Resp: 106361
Ion Ratio Lower Upper
146 100
148 65.6 52.5 78.7
111 48.1 38.5 57.7



#14
1,2-Dichlorobenzene
Concen: 39.786 ng
RT: 8.217 min Scan# 873
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

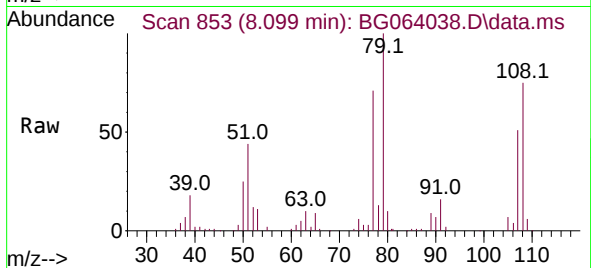
Tgt Ion:146 Resp: 104035
Ion Ratio Lower Upper
146 100
148 61.0 48.8 73.2
111 48.5 38.8 58.2



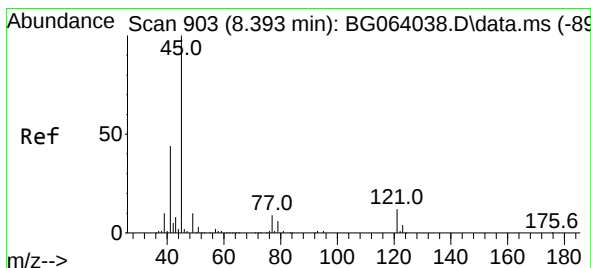
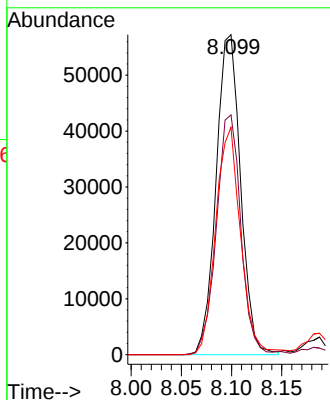
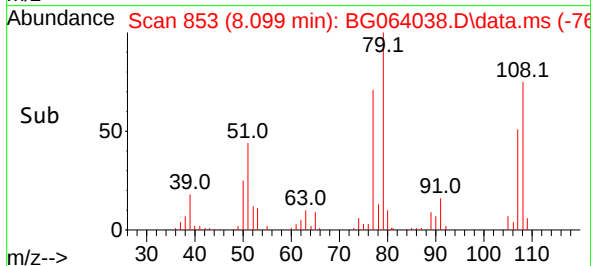


#15
Benzyl Alcohol
Concen: 40.095 ng
RT: 8.099 min Scan# 853
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

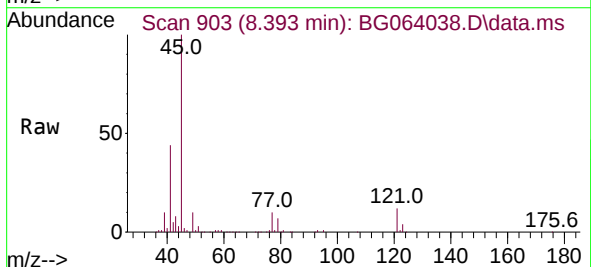
Instrument :
BNA_G
ClientSampleId :



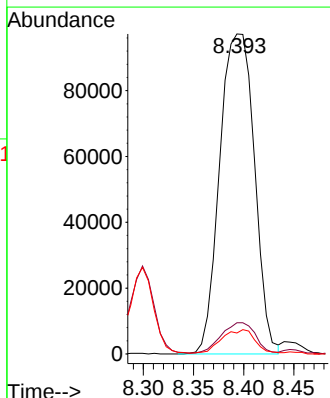
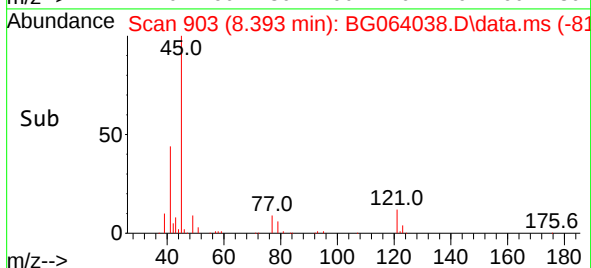
Tgt Ion: 79 Resp: 97118
Ion Ratio Lower Upper
79 100
108 75.0 60.0 90.0
77 71.1 56.9 85.3

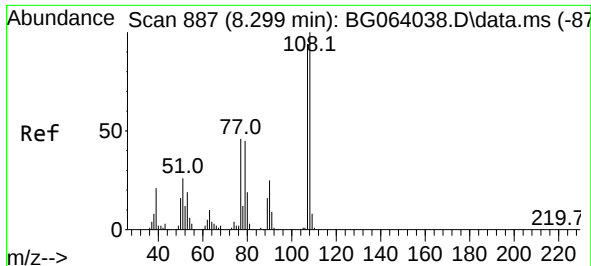


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.715 ng
RT: 8.393 min Scan# 903
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58



Tgt Ion: 45 Resp: 233885
Ion Ratio Lower Upper
45 100
77 9.8 0.0 29.8
79 6.5 0.0 26.5





#17

2-Methylphenol

Concen: 43.368 ng

RT: 8.299 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:107 Resp: 89716

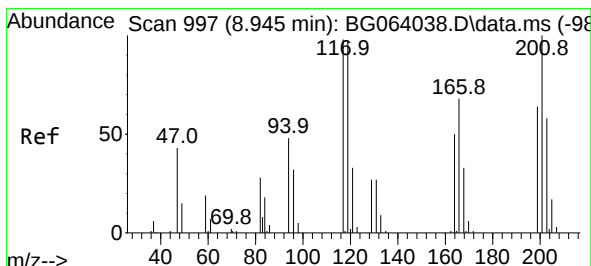
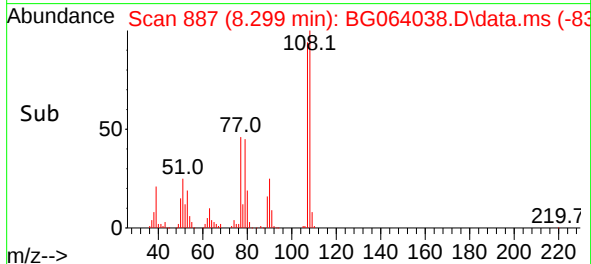
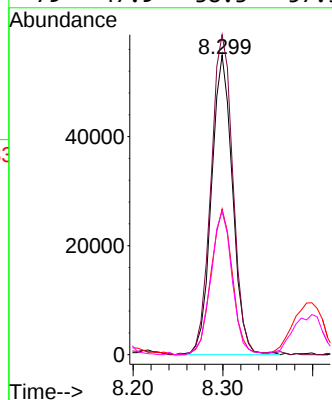
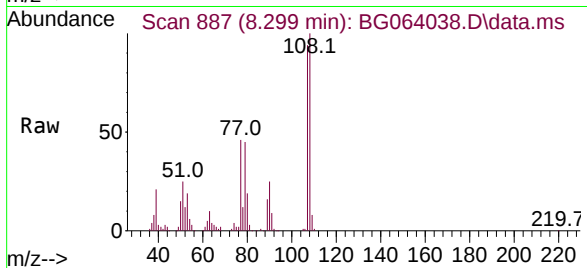
Ion Ratio Lower Upper

107 100

108 106.9 85.5 128.3

77 48.7 39.0 58.4

79 47.9 38.3 57.5



#18

Hexachloroethane

Concen: 41.027 ng

RT: 8.945 min Scan# 997

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

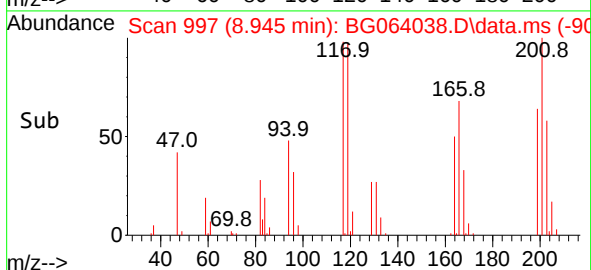
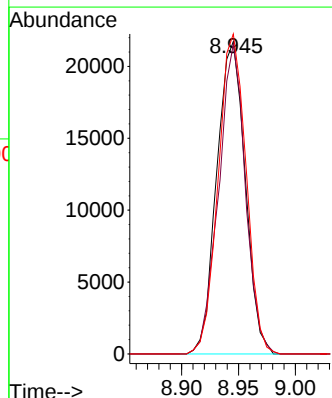
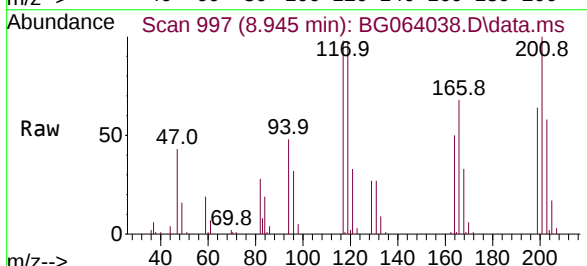
Tgt Ion:117 Resp: 37657

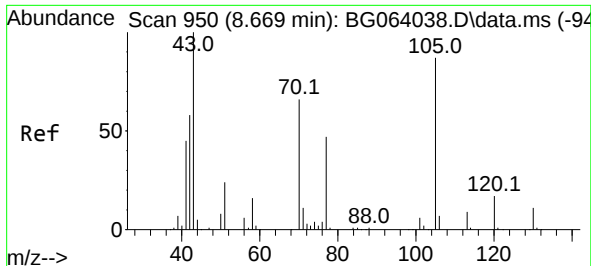
Ion Ratio Lower Upper

117 100

119 98.2 78.6 117.8

201 101.4 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 43.999 ng

RT: 8.669 min Scan# 91

Delta R.T. 0.000 min

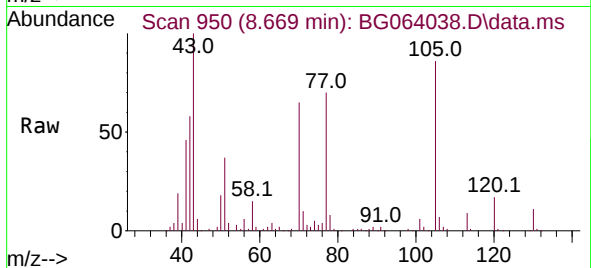
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 70 Resp: 101734

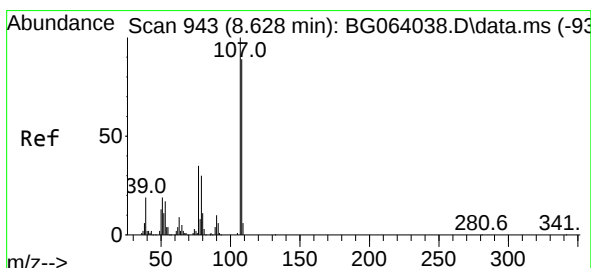
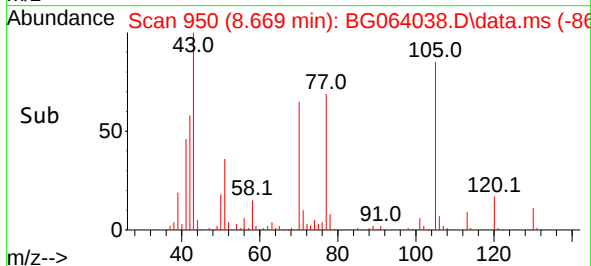
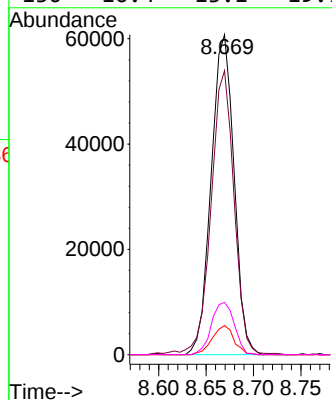
Ion Ratio Lower Upper

70 100

42 88.8 71.0 106.6

101 9.1 7.3 10.9

130 16.4 13.1 19.7



#20

3+4-Methylphenols

Concen: 41.711 ng

RT: 8.628 min Scan# 943

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Tgt Ion:107 Resp: 123814

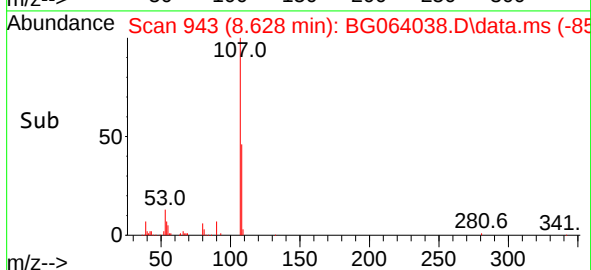
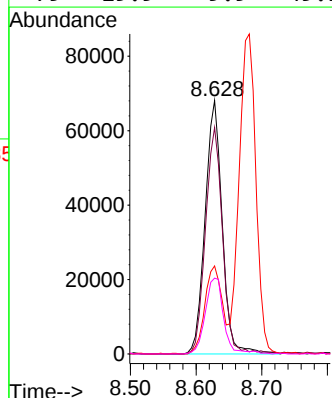
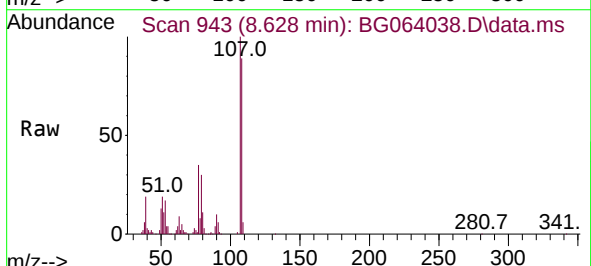
Ion Ratio Lower Upper

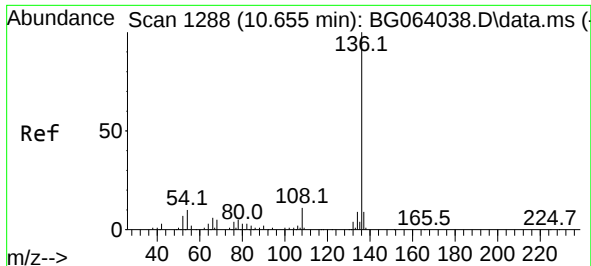
107 100

108 89.3 69.3 109.3

77 34.7 14.7 54.7

79 29.9 9.9 49.9

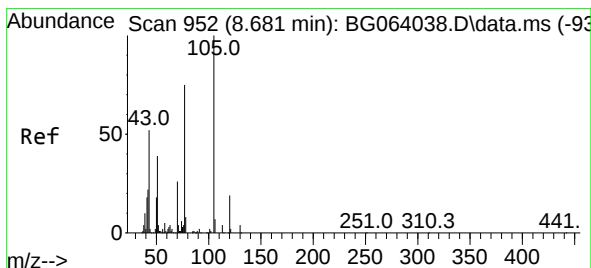
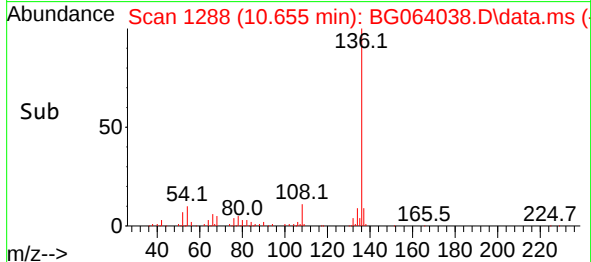
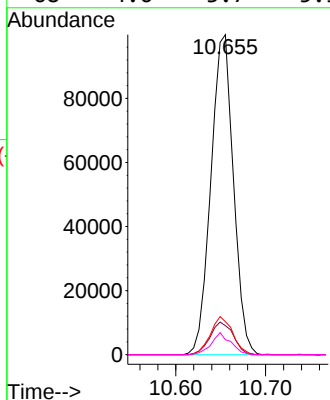
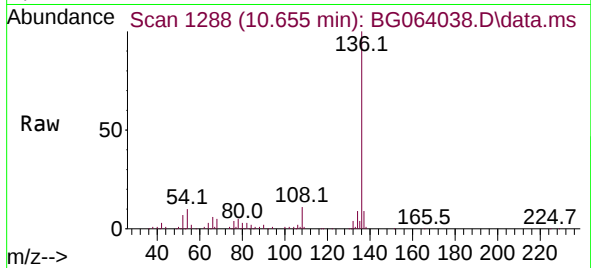




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.655 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

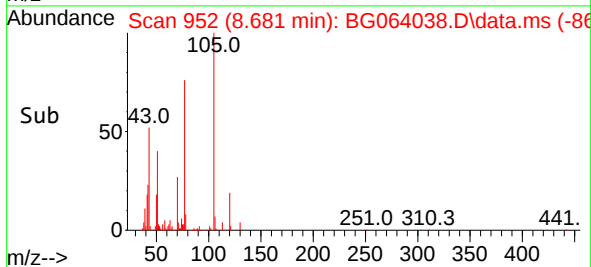
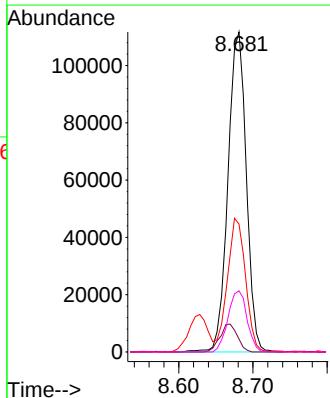
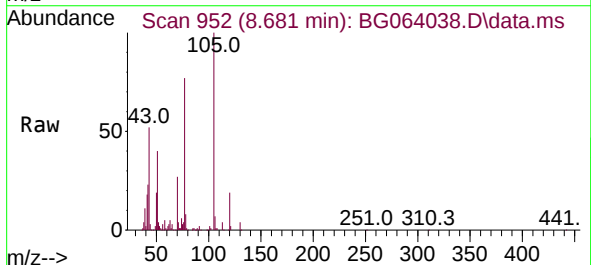
Instrument :
BNA_G
ClientSampleId :

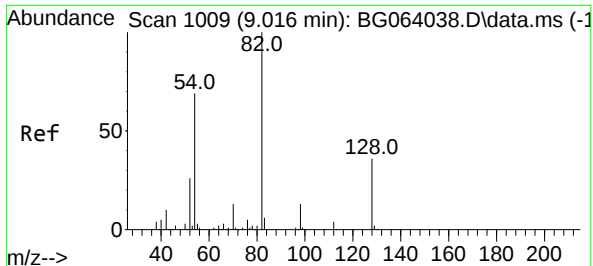
Tgt Ion:	136	Resp:	173886
Ion	Ratio	Lower	Upper
136	100		
137	9.1	7.3	10.9
54	10.3	8.2	12.4
68	4.6	3.7	5.5



#22
Acetophenone
Concen: 39.953 ng
RT: 8.681 min Scan# 952
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:	105	Resp:	191715
Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	40.0	32.0	48.0
120	19.1	15.3	22.9

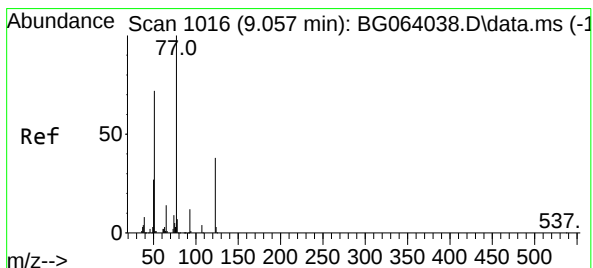
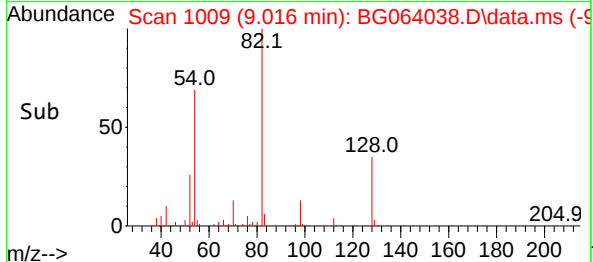
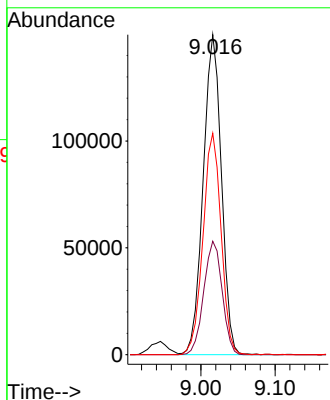
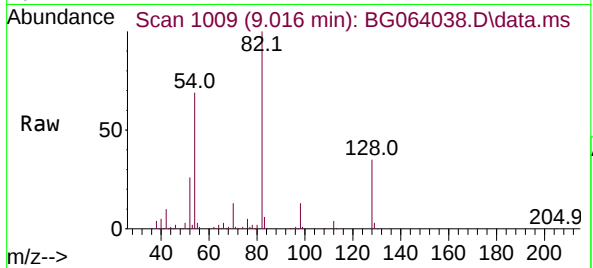




#23
Nitrobenzene-d5
Concen: 85.384 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

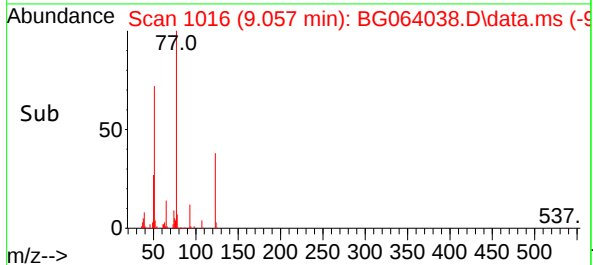
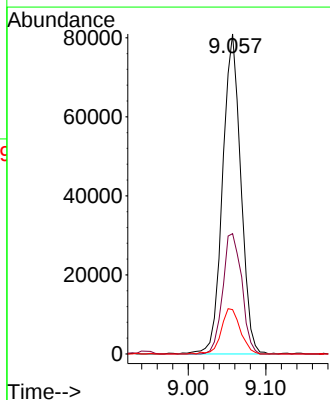
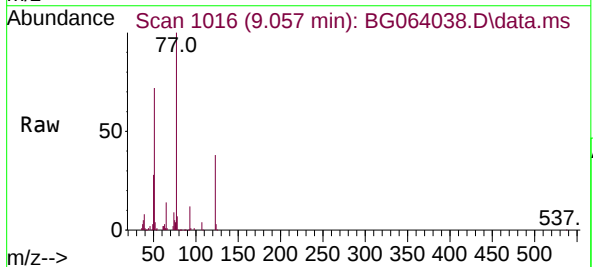
Instrument :
BNA_G
ClientSampleId :

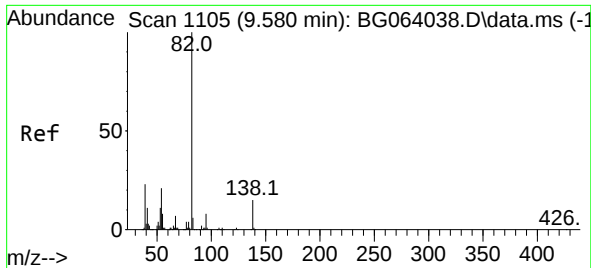
Tgt Ion: 82 Resp: 255452
Ion Ratio Lower Upper
82 100
128 35.4 28.3 42.5
54 69.2 55.4 83.0



#24
Nitrobenzene
Concen: 41.956 ng
RT: 9.057 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion: 77 Resp: 132434
Ion Ratio Lower Upper
77 100
123 37.6 30.1 45.1
65 13.9 11.1 16.7

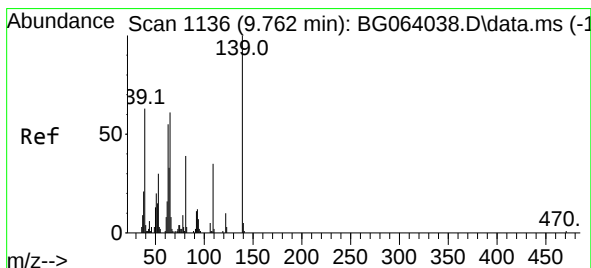
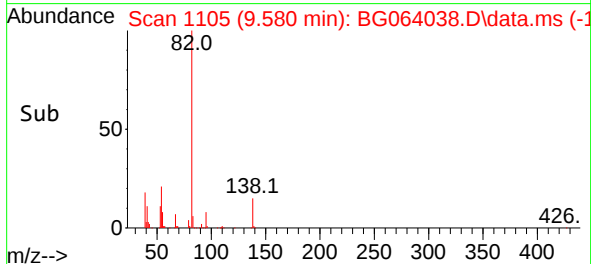
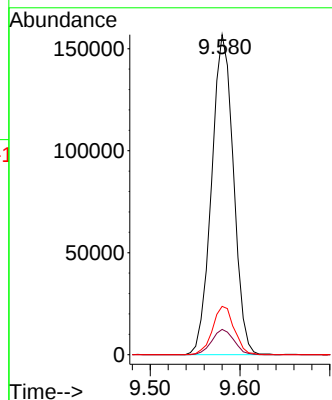
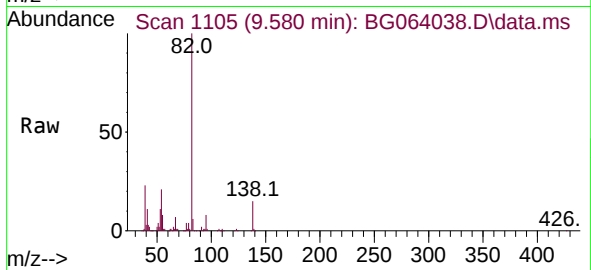




#25
Isophorone
Concen: 41.704 ng
RT: 9.580 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

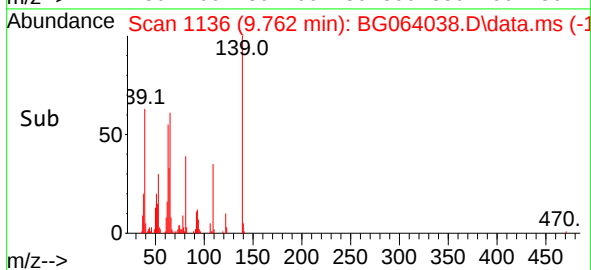
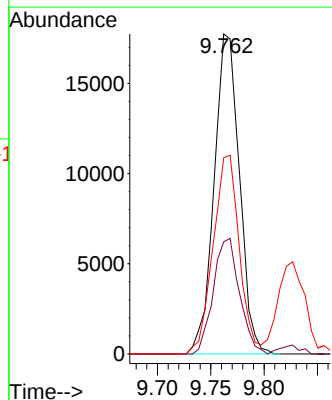
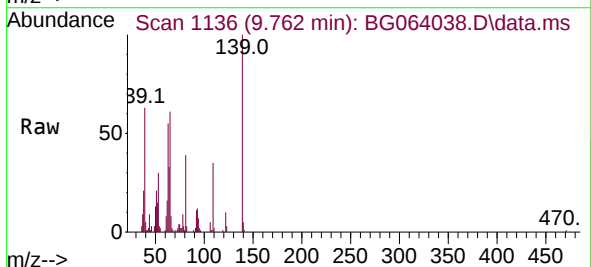
Instrument :
BNA_G
ClientSampleId :

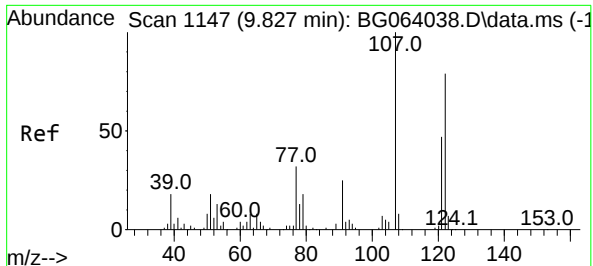
Tgt Ion: 82 Resp: 265124
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 15.1 12.1 18.1



#26
2-Nitrophenol
Concen: 39.139 ng
RT: 9.762 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:139 Resp: 29276
Ion Ratio Lower Upper
139 100
109 35.1 28.1 42.1
65 61.4 49.1 73.7





#27

2,4-Dimethylphenol

Concen: 42.068 ng

RT: 9.827 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

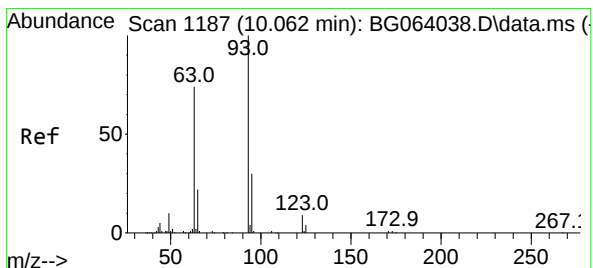
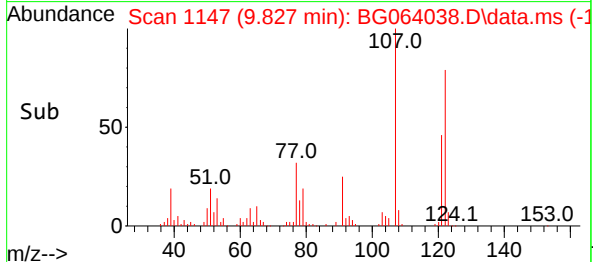
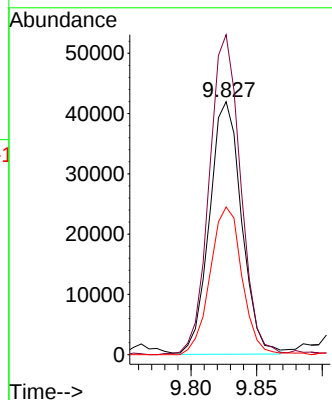
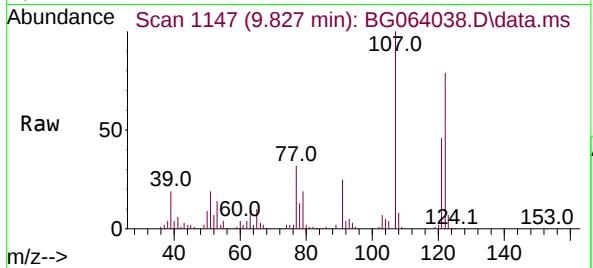
Tgt Ion:122 Resp: 71098

Ion Ratio Lower Upper

122 100

107 126.5 101.2 151.8

121 58.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 42.139 ng

RT: 10.062 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

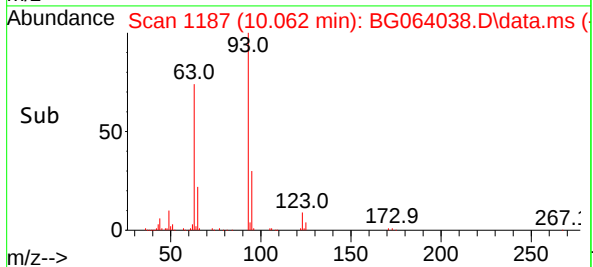
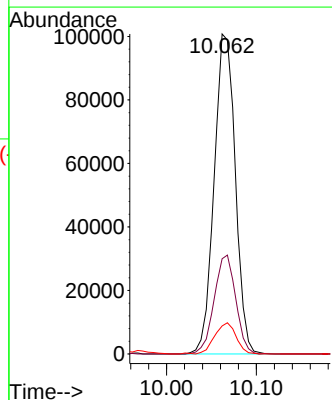
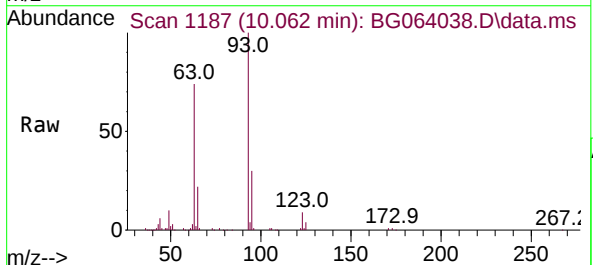
Tgt Ion: 93 Resp: 164707

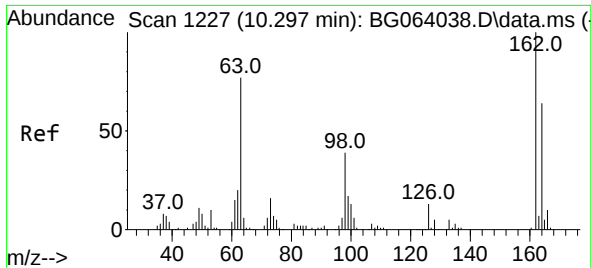
Ion Ratio Lower Upper

93 100

95 29.7 23.8 35.6

123 8.7 7.0 10.4





#29

2,4-Dichlorophenol

Concen: 38.428 ng

RT: 10.297 min Scan# 1227

Delta R.T. -0.000 min

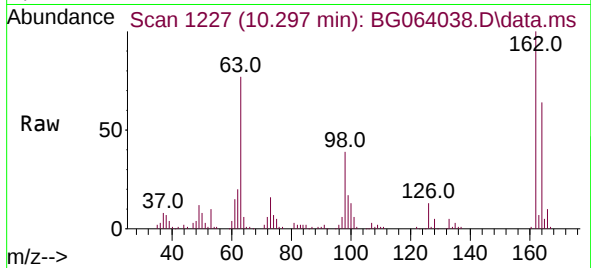
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

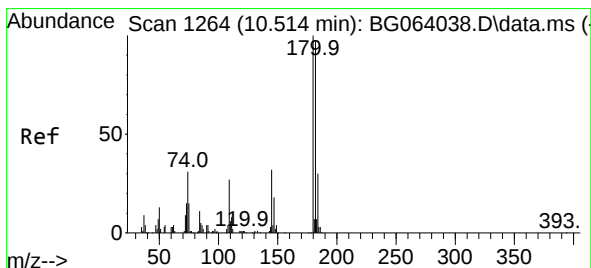
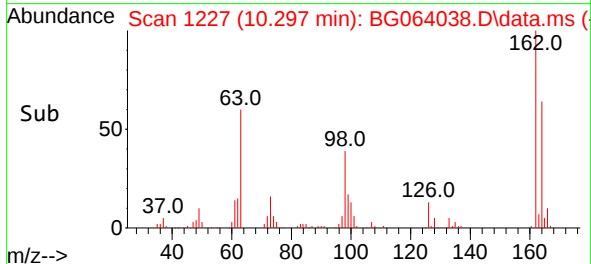
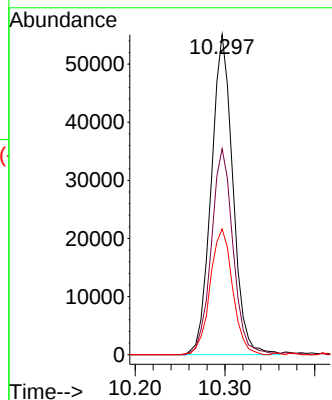
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	162	Resp:	92291
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.4	84.4
98	39.3	19.3	59.3



#30

1,2,4-Trichlorobenzene

Concen: 39.823 ng

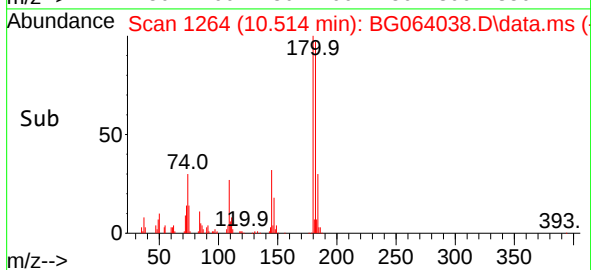
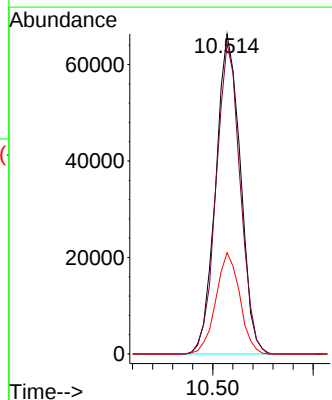
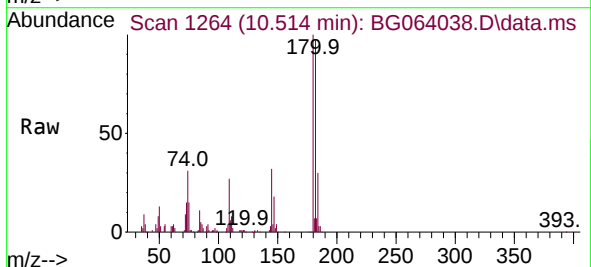
RT: 10.514 min Scan# 1264

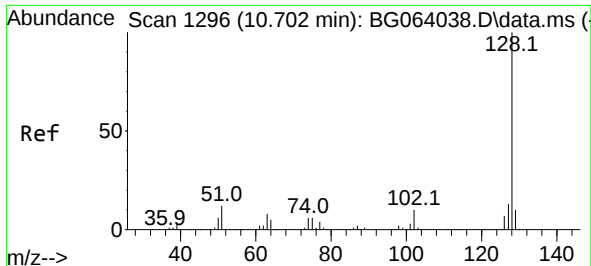
Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

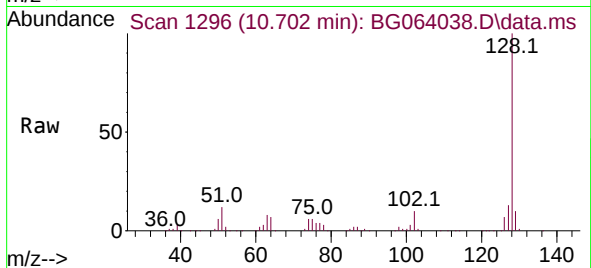
Tgt Ion:	180	Resp:	112953
Ion Ratio	Lower	Upper	
180	100		
182	97.0	77.6	116.4
145	31.6	25.3	37.9



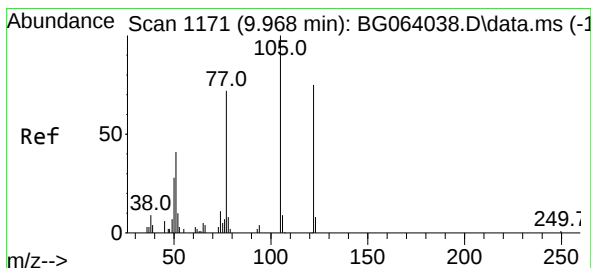
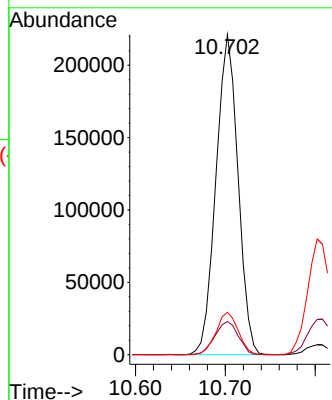
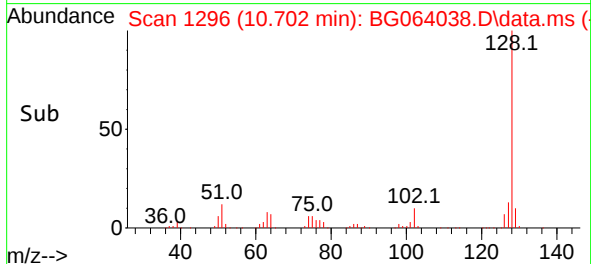


#31
Naphthalene
Concen: 40.182 ng
RT: 10.702 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

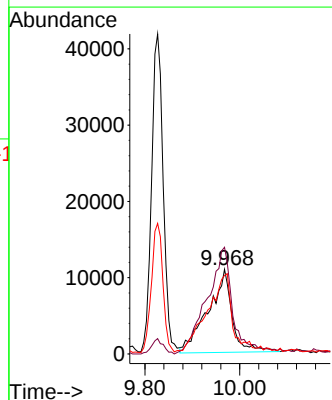
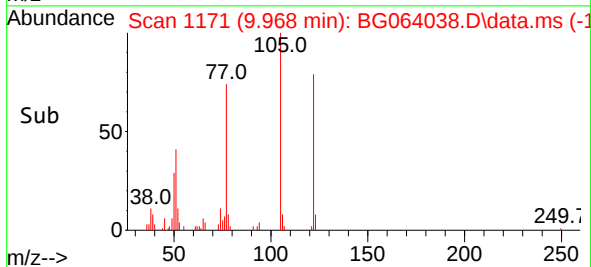
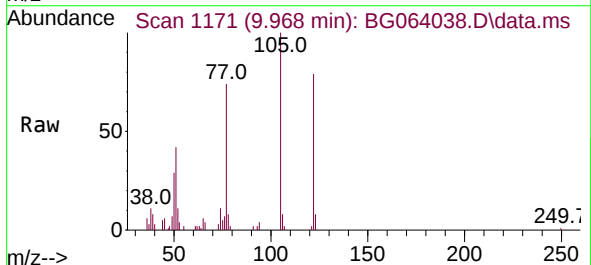


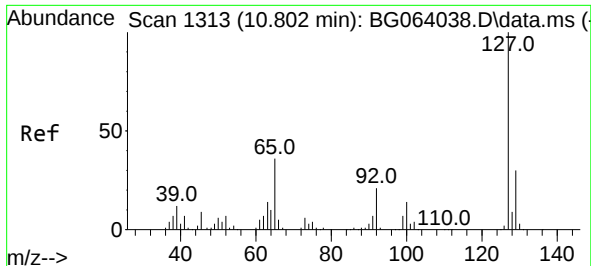
Tgt Ion:128 Resp: 376334
Ion Ratio Lower Upper
128 100
129 10.3 8.2 12.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 38.070 ng
RT: 9.968 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

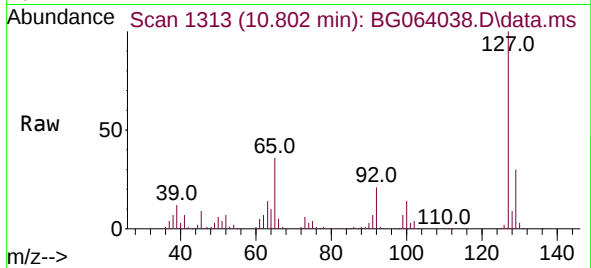
Tgt Ion:122 Resp: 38441
Ion Ratio Lower Upper
122 100
105 126.2 106.2 146.2
77 92.8 72.8 112.8



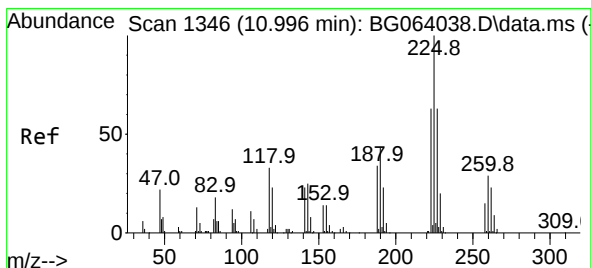
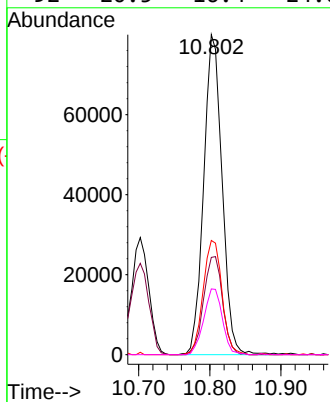
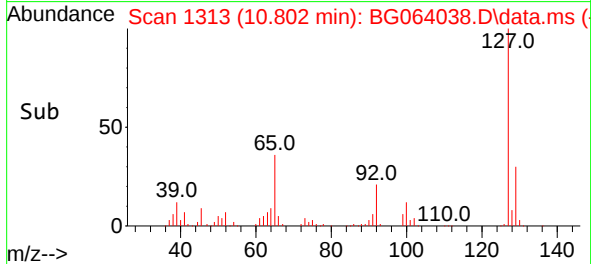


#33
4-Chloroaniline
Concen: 41.620 ng
RT: 10.802 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

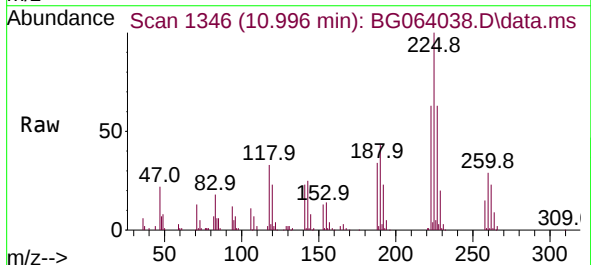
Instrument :
BNA_G
ClientSampleId :



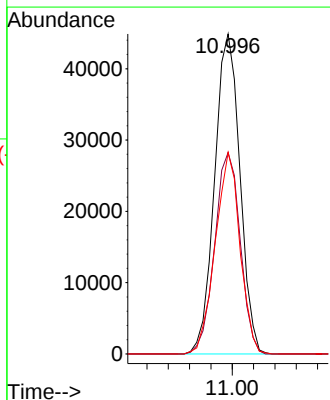
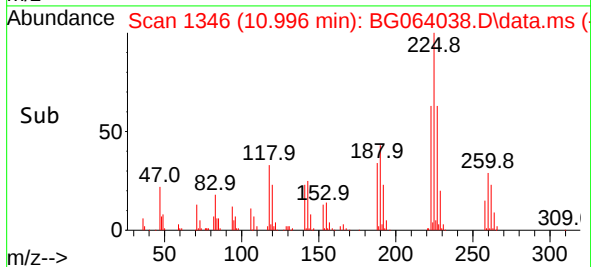
Tgt Ion:	127	Resp:	144311
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.3	36.5
65	35.7	28.6	42.8
92	20.5	16.4	24.6

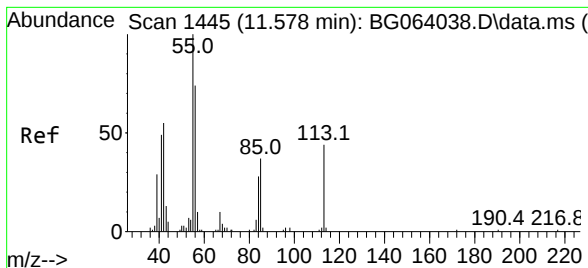


#34
Hexachlorobutadiene
Concen: 40.054 ng
RT: 10.996 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58



Tgt Ion:	225	Resp:	73858
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	62.9	50.3	75.5





#35

Caprolactam

Concen: 38.818 ng

RT: 11.578 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

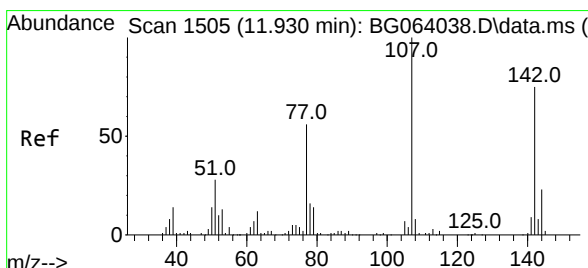
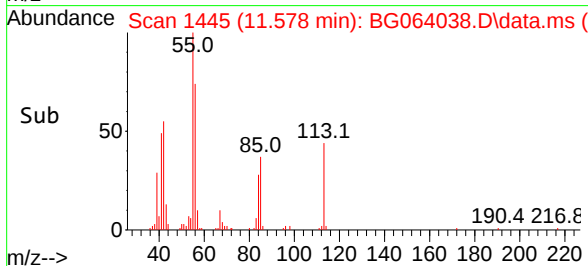
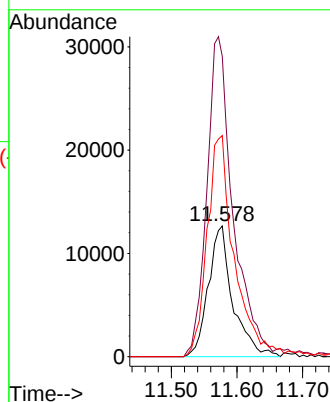
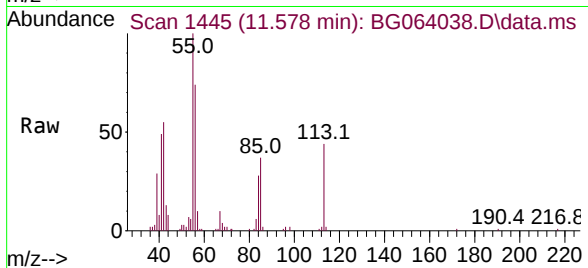
Tgt Ion:113 Resp: 32823

Ion Ratio Lower Upper

113 100

55 229.7 209.7 249.7

56 169.2 149.2 189.2



#36

4-Chloro-3-methylphenol

Concen: 43.468 ng

RT: 11.930 min Scan# 1505

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

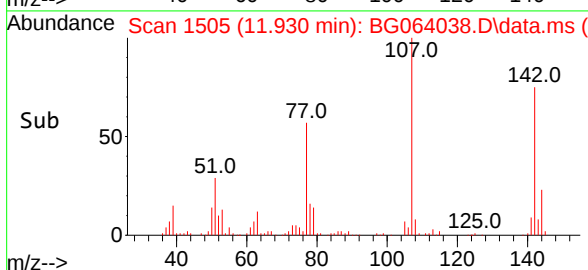
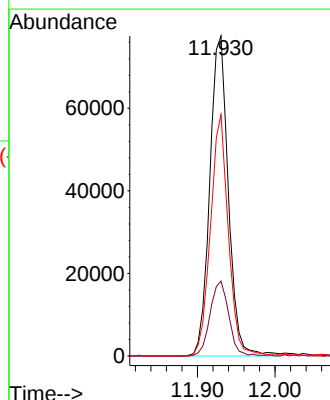
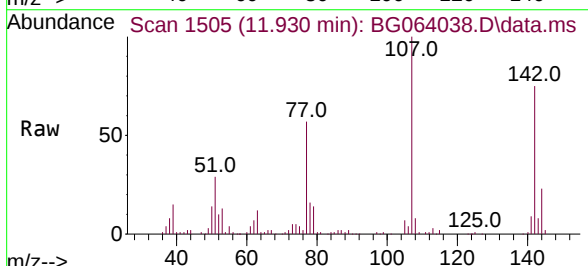
Tgt Ion:107 Resp: 129192

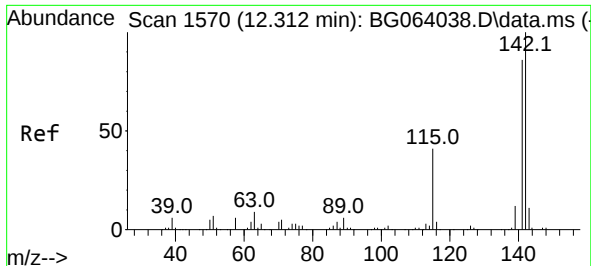
Ion Ratio Lower Upper

107 100

144 23.4 18.7 28.1

142 75.4 60.3 90.5

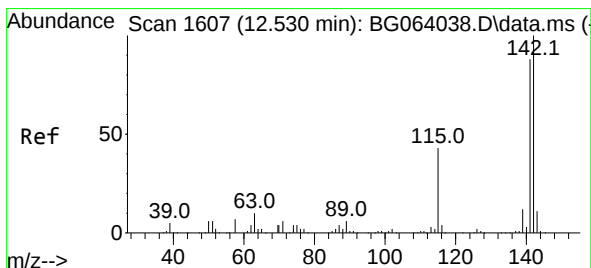
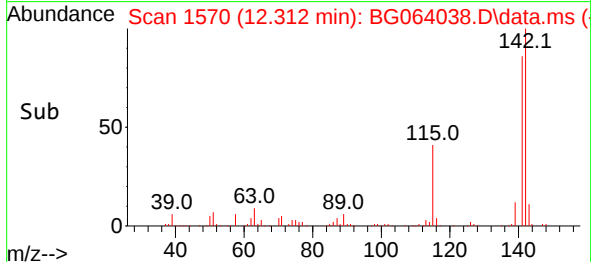
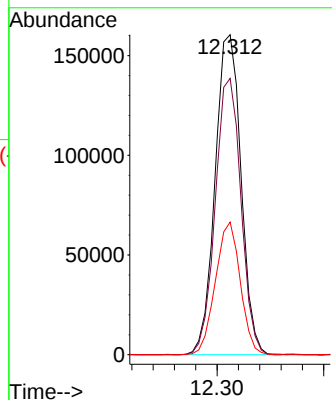
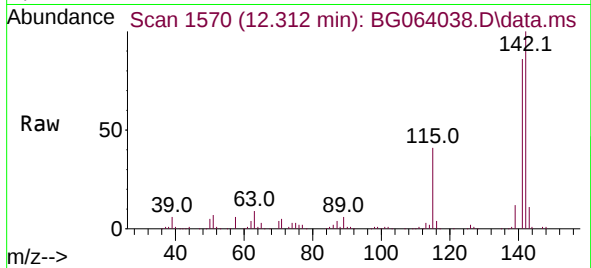




#37
2-Methylnaphthalene
Concen: 40.044 ng
RT: 12.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

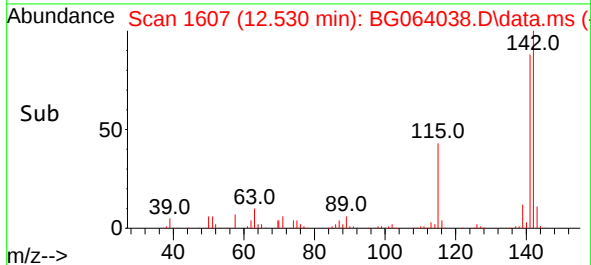
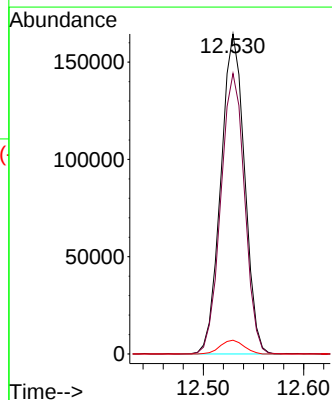
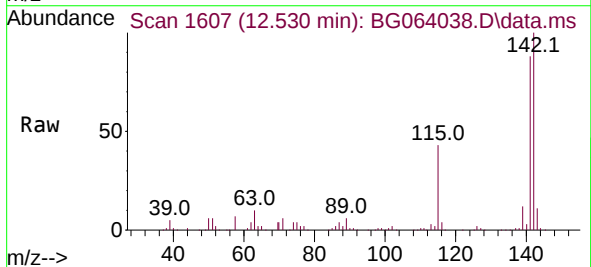
Instrument :
BNA_G
ClientSampleId :

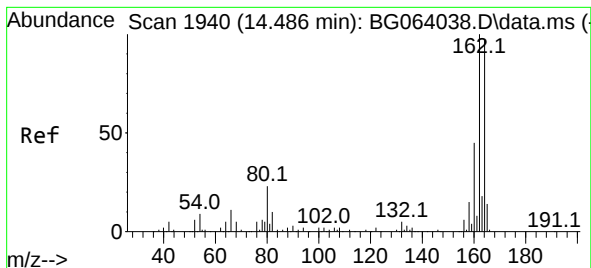
Tgt Ion:142 Resp: 270623
Ion Ratio Lower Upper
142 100
141 86.4 69.1 103.7
115 41.4 33.1 49.7



#38
1-Methylnaphthalene
Concen: 40.027 ng
RT: 12.530 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:142 Resp: 270076
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.486 min Scan# 1940

Delta R.T. 0.000 min

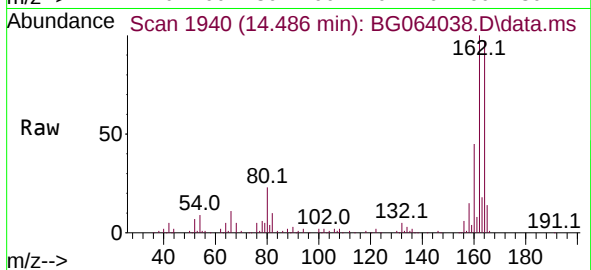
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



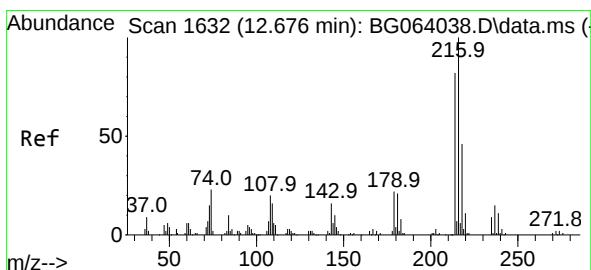
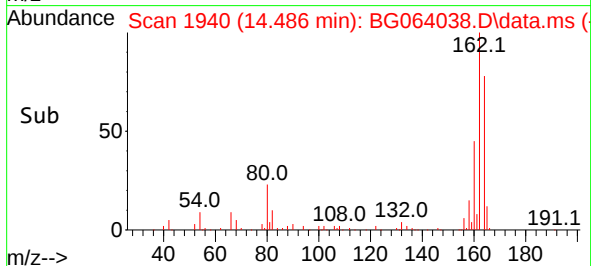
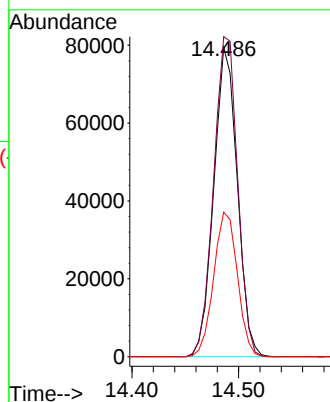
Tgt Ion:164 Resp: 121725

Ion Ratio Lower Upper

164 100

162 103.4 82.7 124.1

160 46.7 37.4 56.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.789 ng

RT: 12.676 min Scan# 1632

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Tgt Ion:216 Resp: 137834

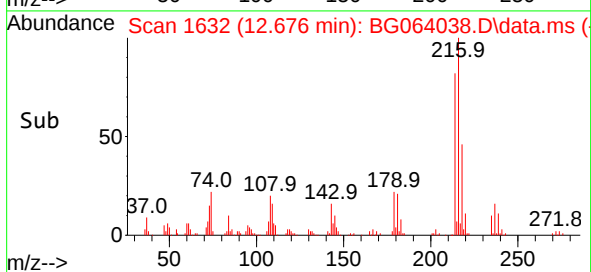
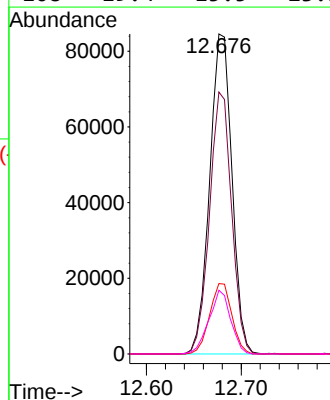
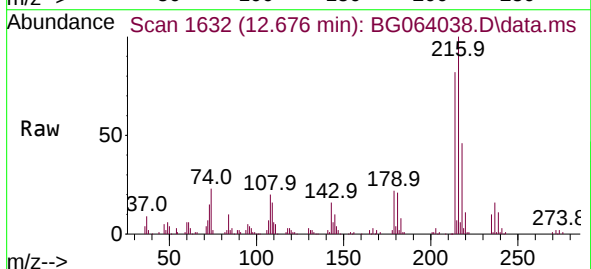
Ion Ratio Lower Upper

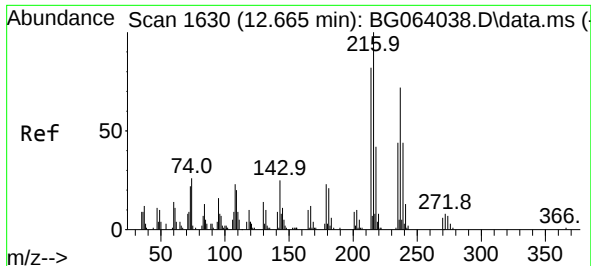
216 100

214 81.1 64.9 97.3

179 21.9 17.5 26.3

108 19.4 15.5 23.3

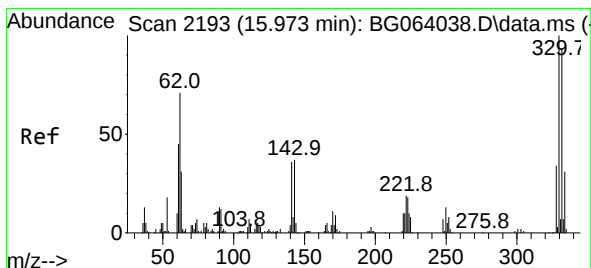
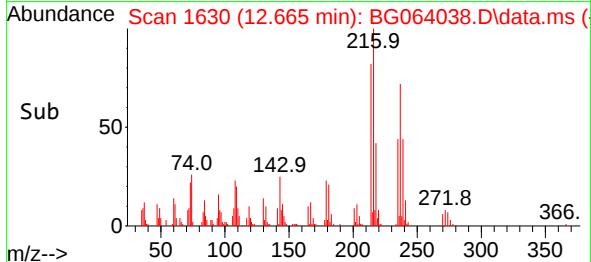
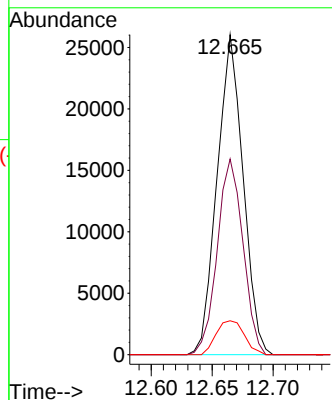
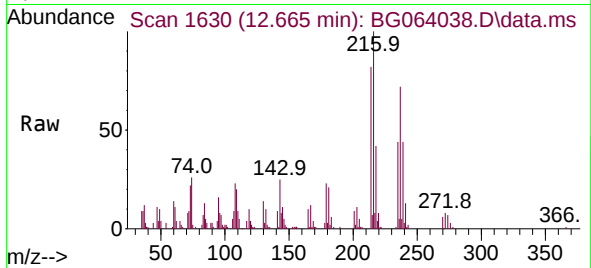




#41
Hexachlorocyclopentadiene
Concen: 42.783 ng
RT: 12.665 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

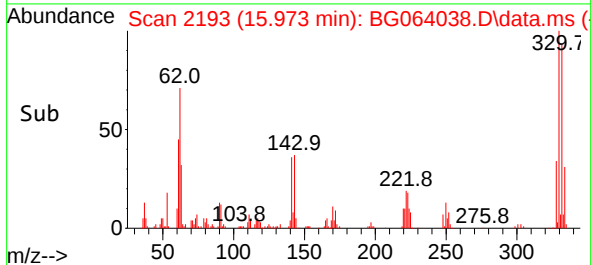
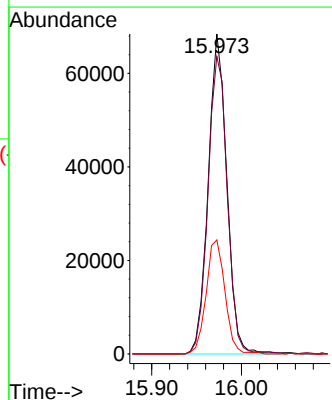
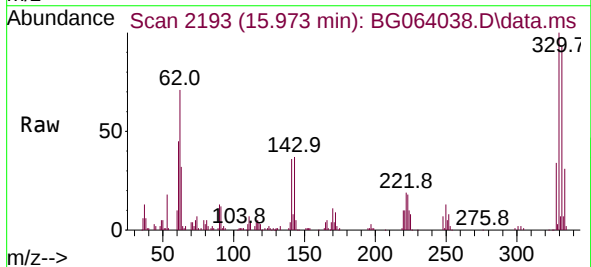
Instrument :
BNA_G
ClientSampleId :

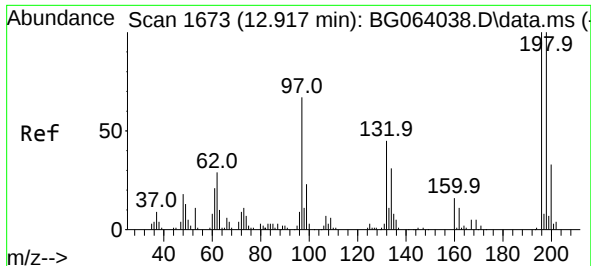
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.2	41.2	81.2
272	10.6	0.0	30.6



#42
2,4,6-Tribromophenol
Concen: 76.209 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	36.1	28.9	43.3

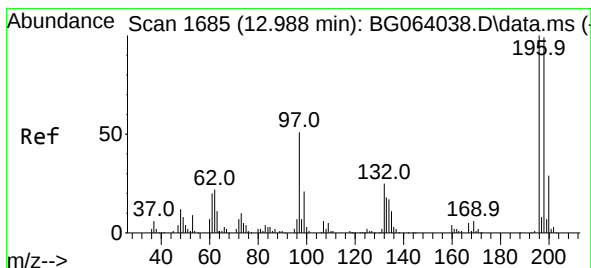
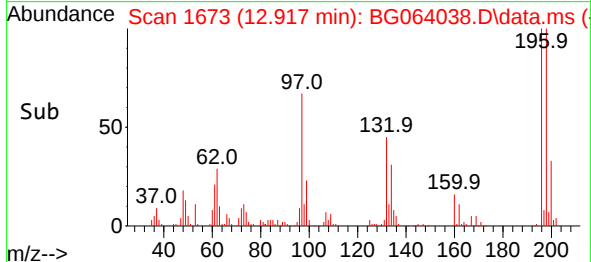
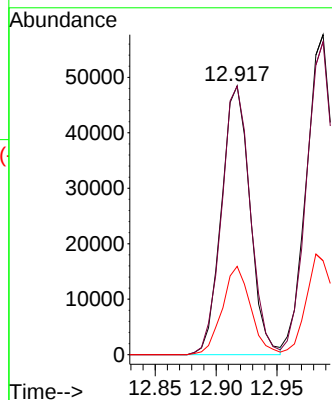
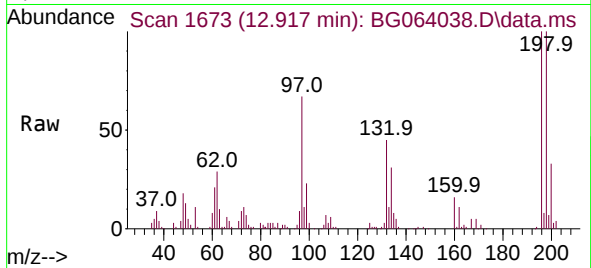




#43
2,4,6-Trichlorophenol
Concen: 38.778 ng
RT: 12.917 min Scan# 1673
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

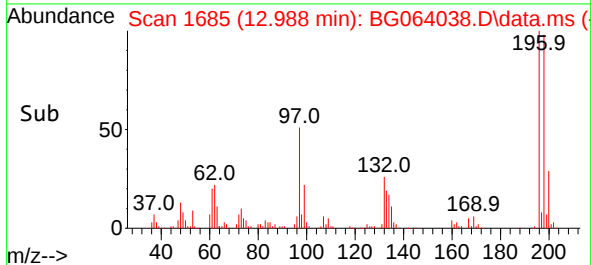
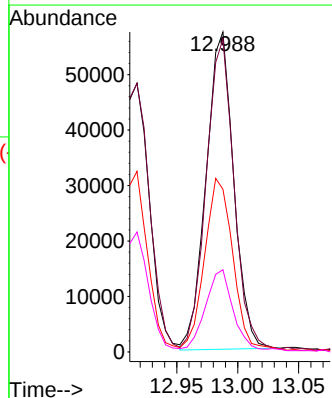
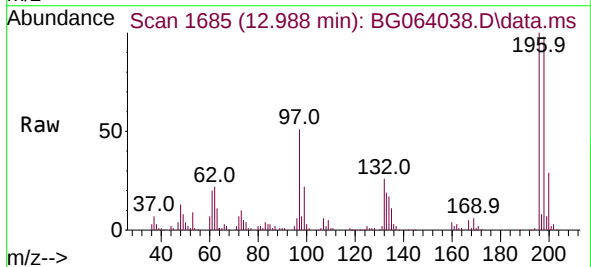
Instrument :
BNA_G
ClientSampleId :

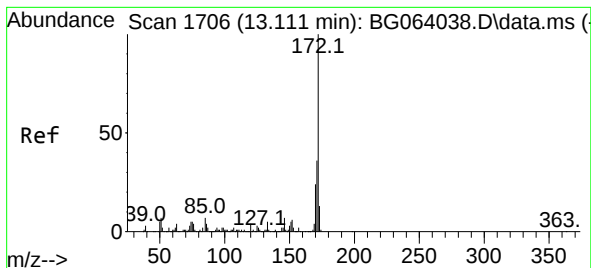
Tgt Ion:196 Resp: 78879
Ion Ratio Lower Upper
196 100
198 99.9 79.9 119.9
200 32.9 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 39.549 ng
RT: 12.988 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:196 Resp: 90224
Ion Ratio Lower Upper
196 100
198 97.8 78.2 117.4
97 50.9 40.7 61.1
132 25.7 20.6 30.8





#45

2-Fluorobiphenyl

Concen: 82.836 ng

RT: 13.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

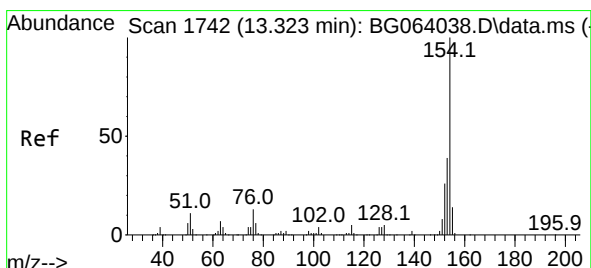
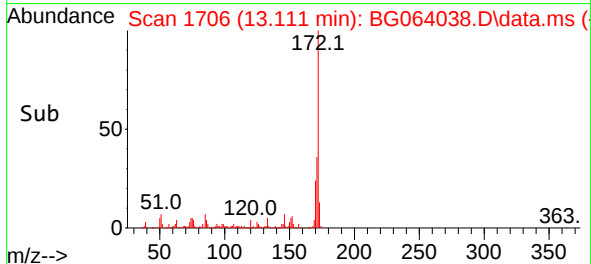
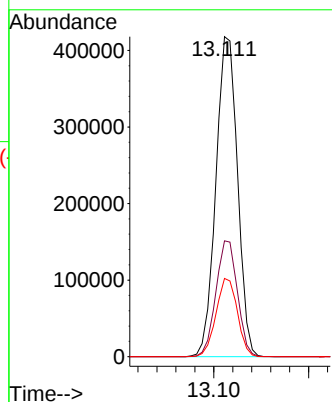
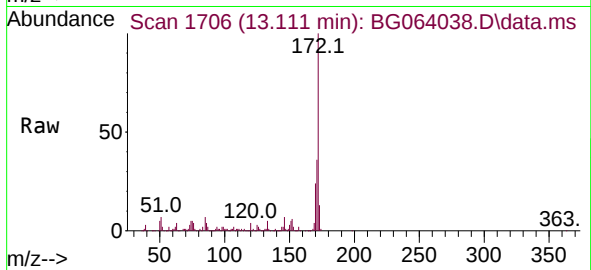
Tgt Ion:172 Resp: 662757

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

170 24.4 19.5 29.3



#46

1,1'-Biphenyl

Concen: 41.851 ng

RT: 13.323 min Scan# 1742

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

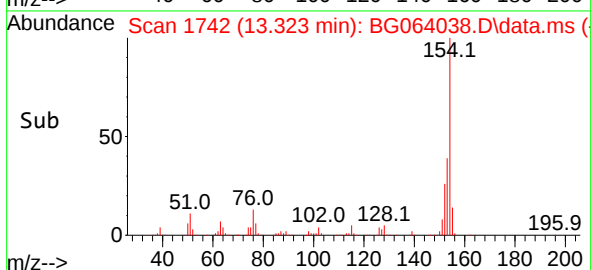
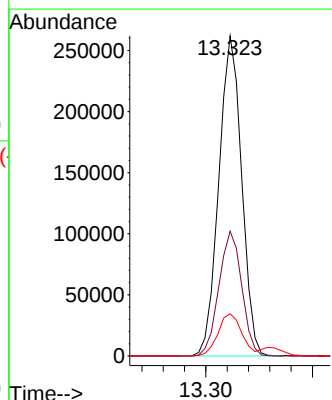
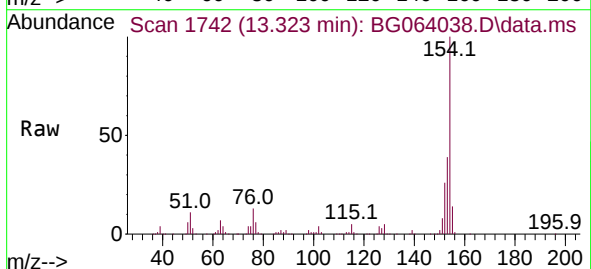
Tgt Ion:154 Resp: 388446

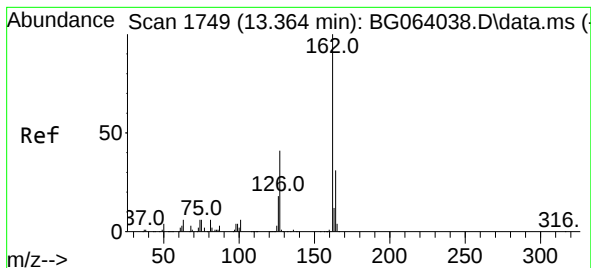
Ion Ratio Lower Upper

154 100

153 39.0 19.0 59.0

76 13.2 0.0 33.2

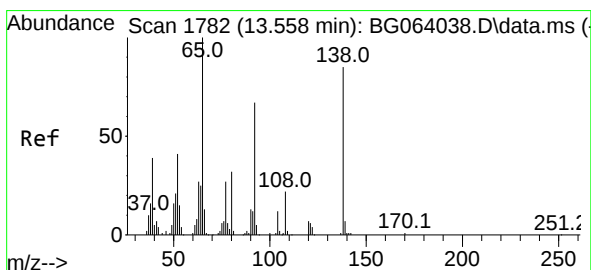
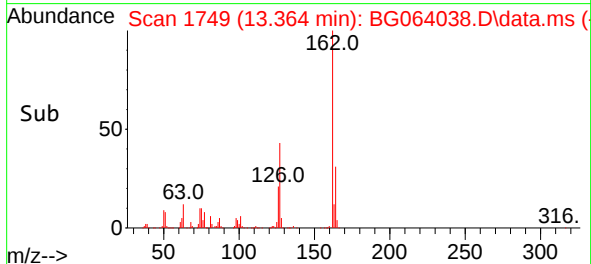
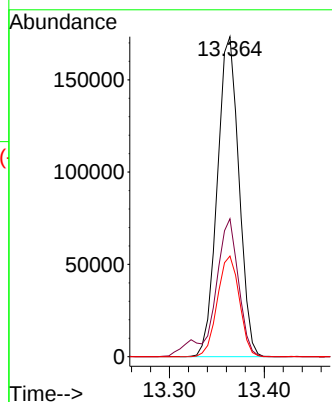
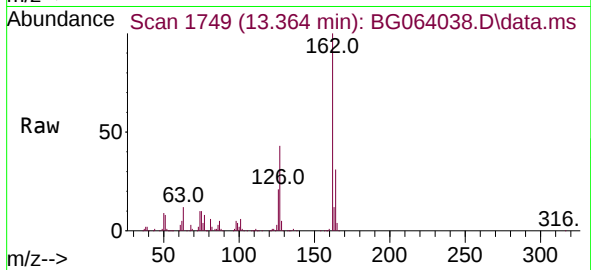




#47
2-Chloronaphthalene
Concen: 41.217 ng
RT: 13.364 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

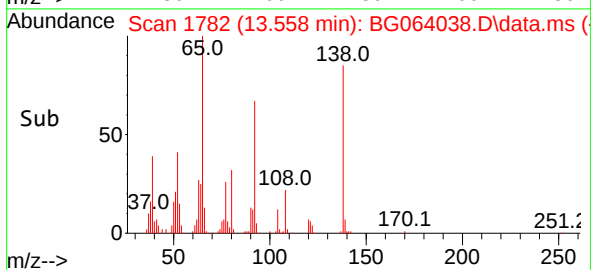
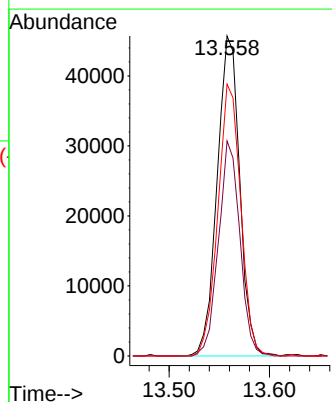
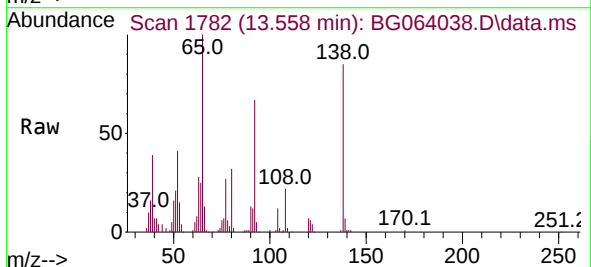
Instrument :
BNA_G
ClientSampleId :

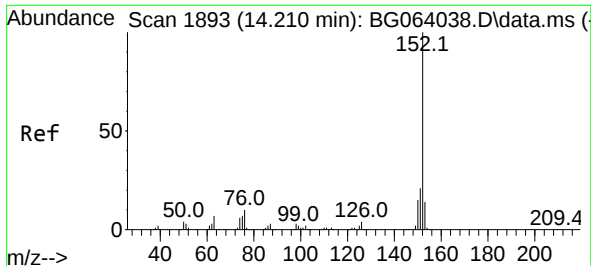
Tgt Ion:162 Resp: 275241
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 31.5 25.2 37.8



#48
2-Nitroaniline
Concen: 39.466 ng
RT: 13.558 min Scan# 1782
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion: 65 Resp: 71217
Ion Ratio Lower Upper
65 100
92 67.2 53.8 80.6
138 85.0 68.0 102.0

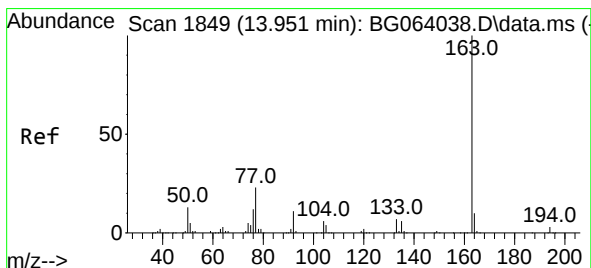
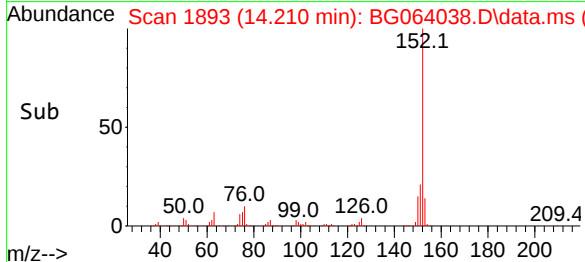
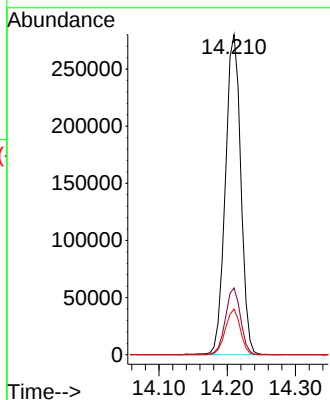
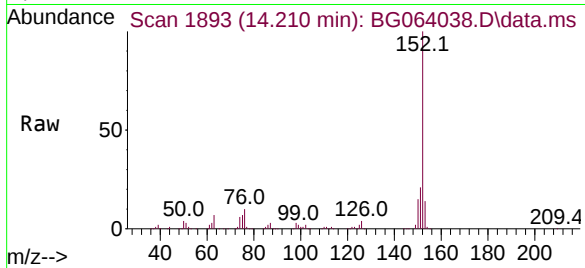




#49
Acenaphthylene
Concen: 41.781 ng
RT: 14.210 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

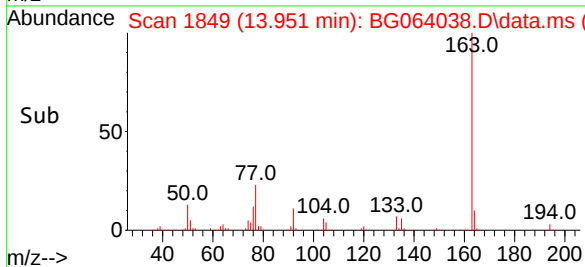
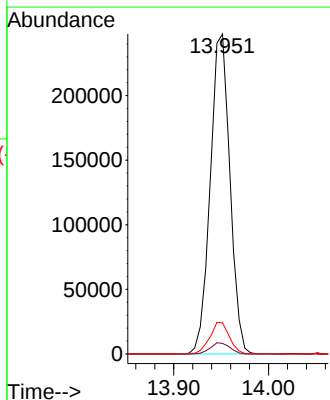
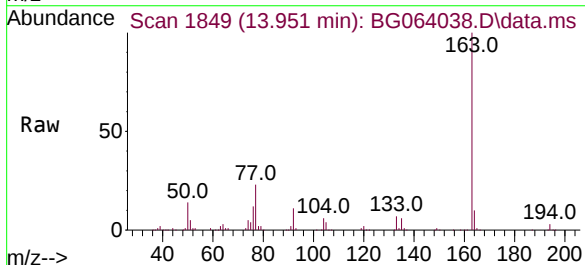
Instrument :
BNA_G
ClientSampleId :

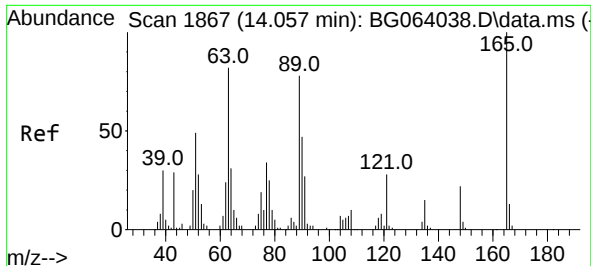
Tgt Ion:152 Resp: 440407
Ion Ratio Lower Upper
152 100
151 20.8 16.6 25.0
153 14.2 11.4 17.0



#50
Dimethylphthalate
Concen: 44.721 ng
RT: 13.951 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

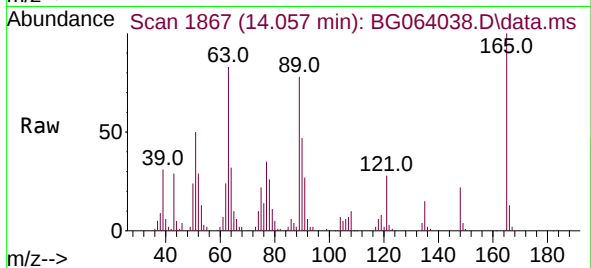
Tgt Ion:163 Resp: 356758
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 7.8 11.6



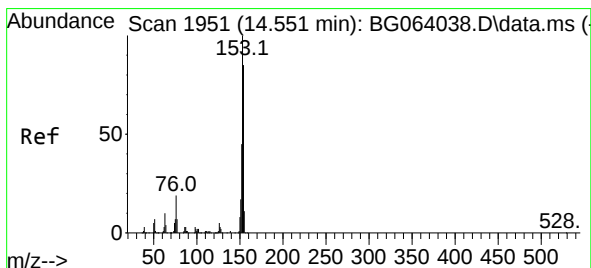
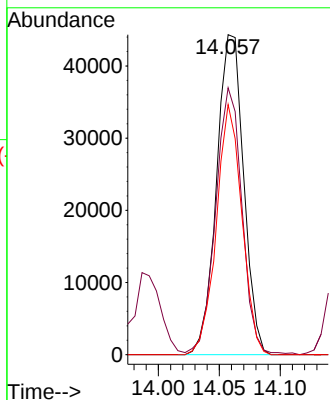
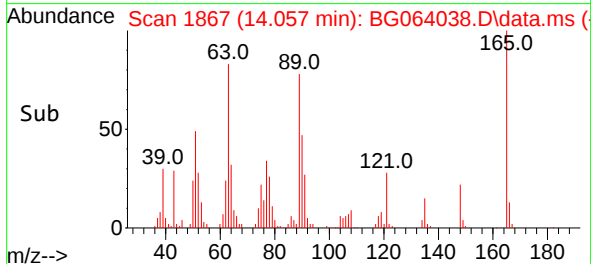


#51
2,6-Dinitrotoluene
Concen: 40.334 ng
RT: 14.057 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

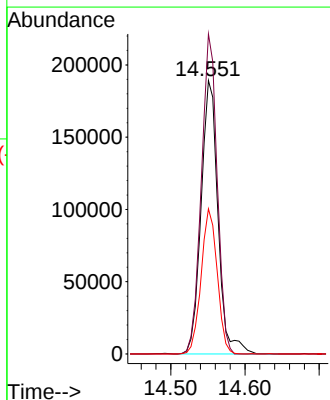
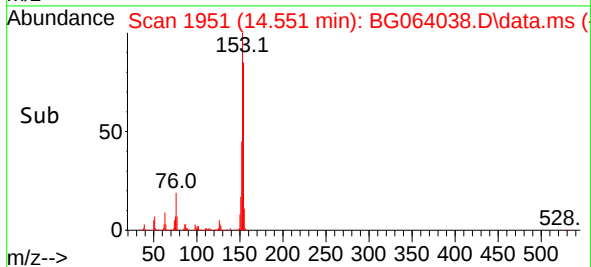
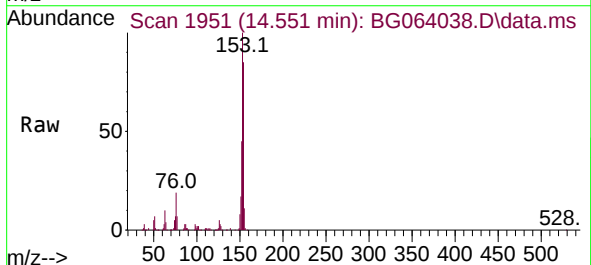


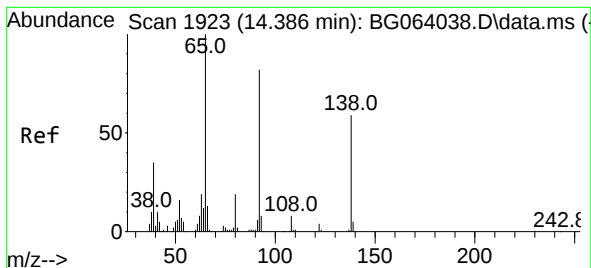
Tgt Ion:165 Resp: 68556
Ion Ratio Lower Upper
165 100
63 83.4 66.7 100.1
89 78.2 62.6 93.8



#52
Acenaphthene
Concen: 41.522 ng
RT: 14.551 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:154 Resp: 299604
Ion Ratio Lower Upper
154 100
153 117.1 93.7 140.5
152 53.1 42.5 63.7

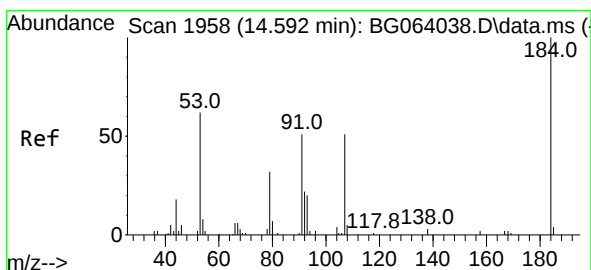
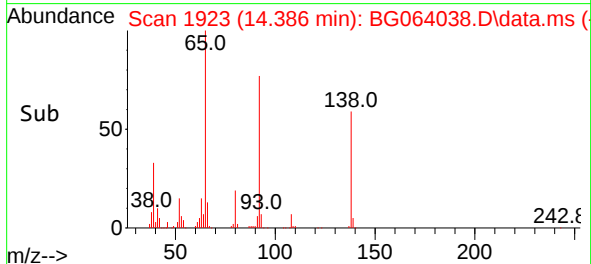
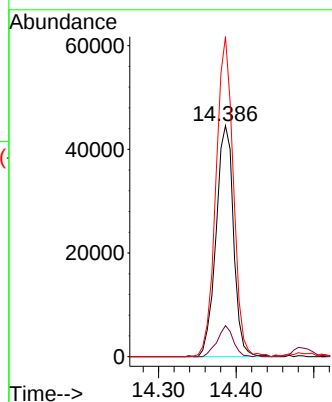
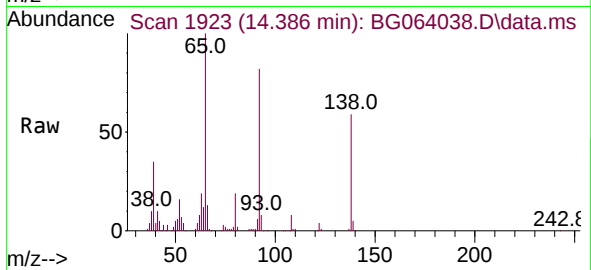




#53
3-Nitroaniline
Concen: 39.219 ng
RT: 14.386 min Scan# 1923
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

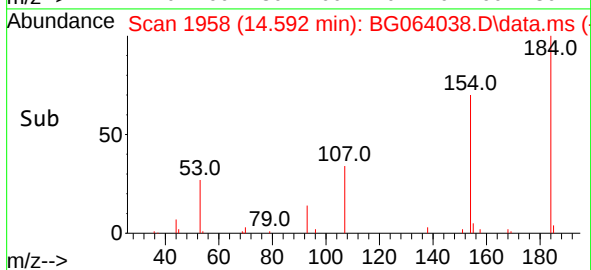
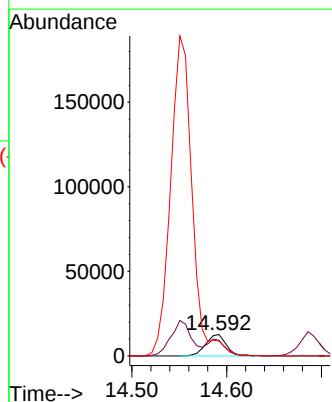
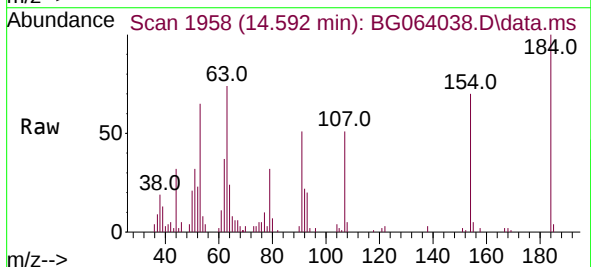
Instrument :
BNA_G
ClientSampleId :

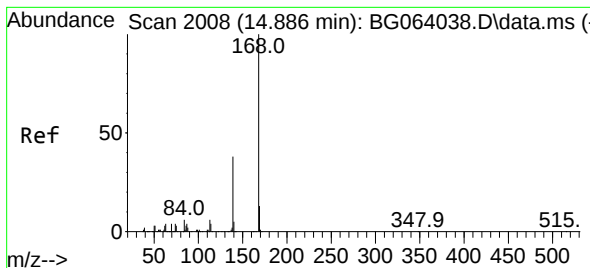
Tgt Ion:138 Resp: 69775
Ion Ratio Lower Upper
138 100
108 13.4 10.7 16.1
92 138.5 110.8 166.2



#54
2,4-Dinitrophenol
Concen: 40.499 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:184 Resp: 19038
Ion Ratio Lower Upper
184 100
63 74.4 59.5 89.3
154 69.8 55.8 83.8

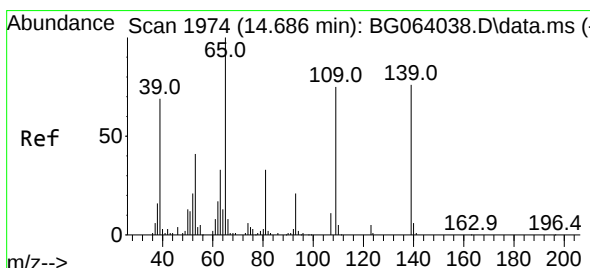
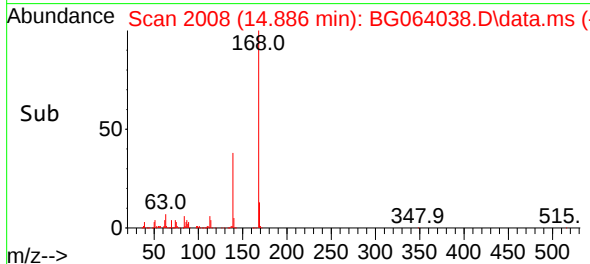
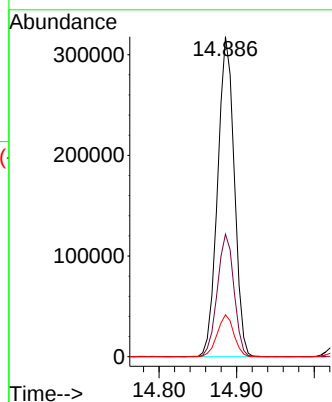
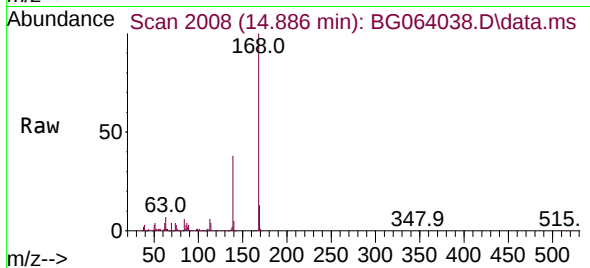




#55
Dibenzofuran
Concen: 41.126 ng
RT: 14.886 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

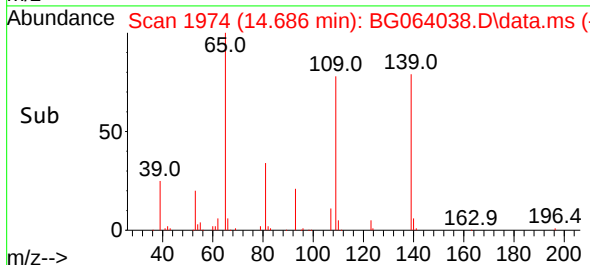
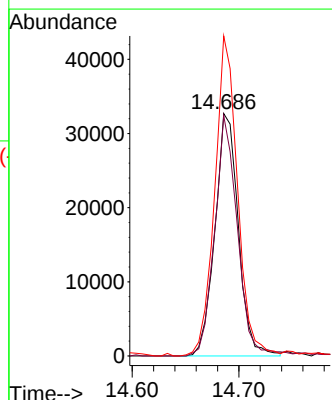
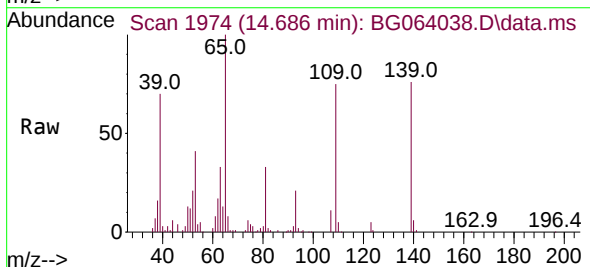
Instrument :
BNA_G
ClientSampleId :

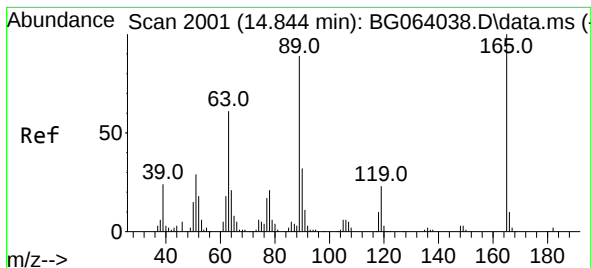
Tgt Ion:168 Resp: 474445
Ion Ratio Lower Upper
168 100
139 38.3 30.6 46.0
169 13.1 10.5 15.7



#56
4-Nitrophenol
Concen: 37.683 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

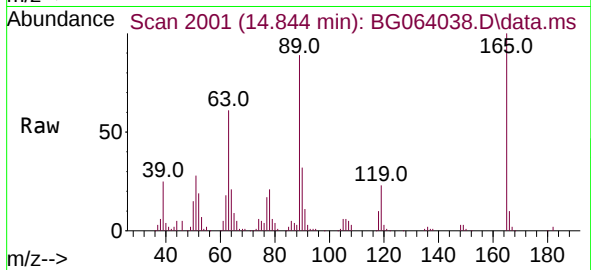
Tgt Ion:139 Resp: 49758
Ion Ratio Lower Upper
139 100
109 99.1 79.1 119.1
65 132.0 112.0 152.0



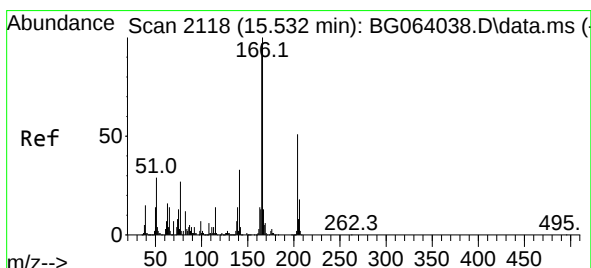
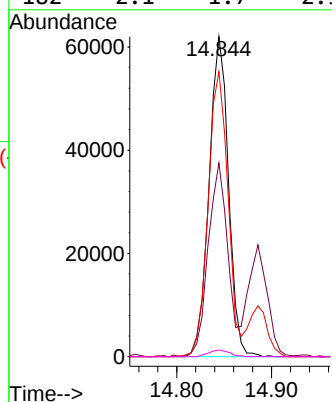
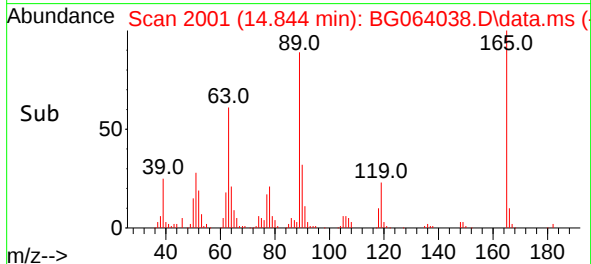


#57
2,4-Dinitrotoluene
Concen: 38.178 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

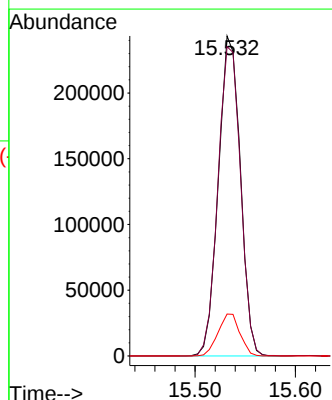
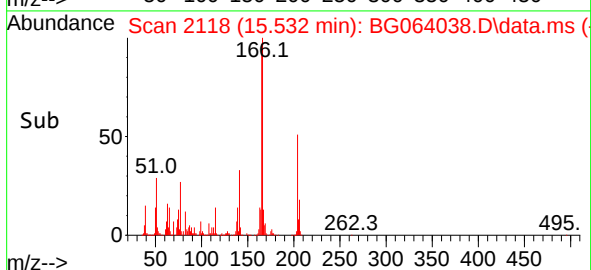
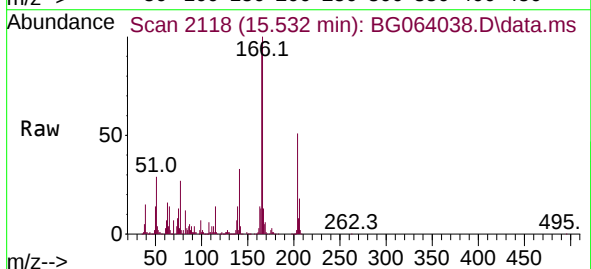


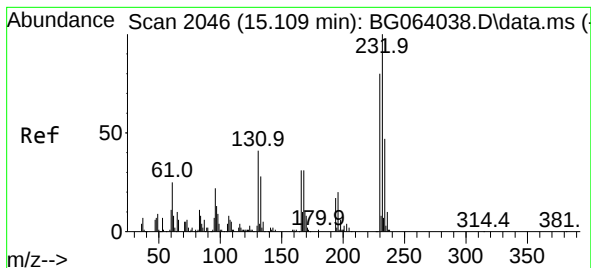
Tgt Ion:165 Resp: 88061
Ion Ratio Lower Upper
165 100
63 60.5 48.4 72.6
89 89.1 71.3 106.9
182 2.1 1.7 2.5



#58
Fluorene
Concen: 41.531 ng
RT: 15.532 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:166 Resp: 369501
Ion Ratio Lower Upper
166 100
165 96.6 77.3 115.9
167 13.1 10.5 15.7

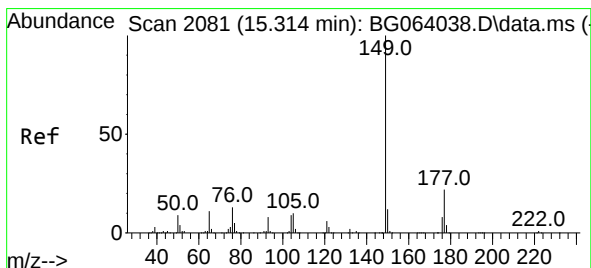
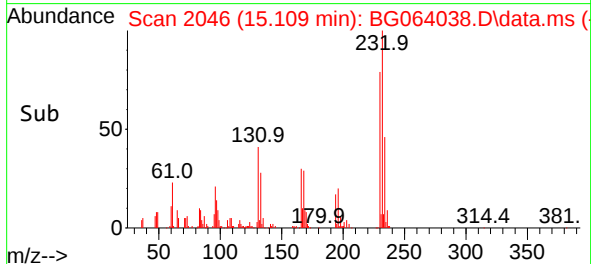
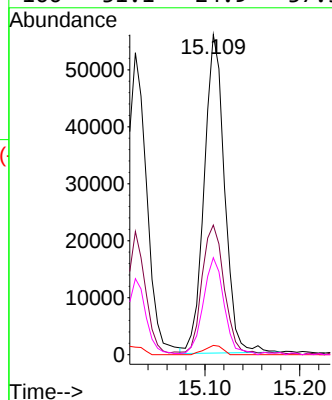
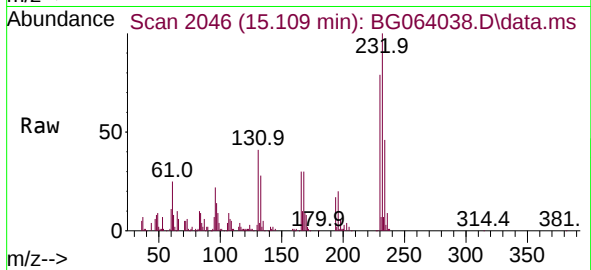




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.901 ng
RT: 15.109 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

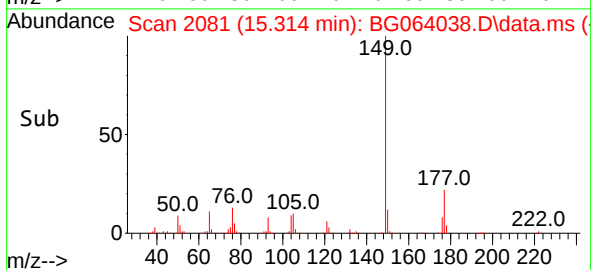
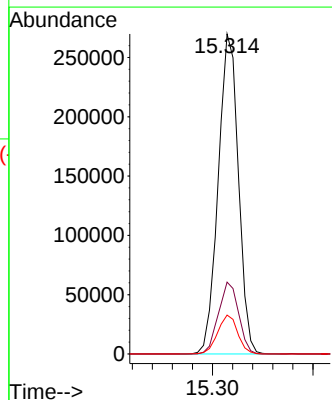
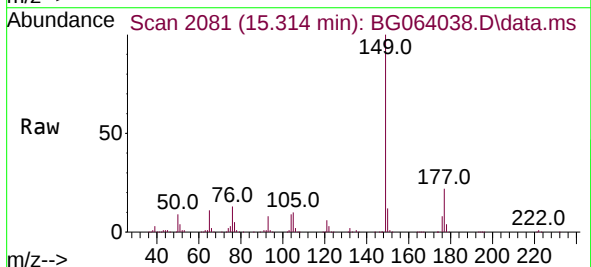
Instrument :
BNA_G
ClientSampleId :

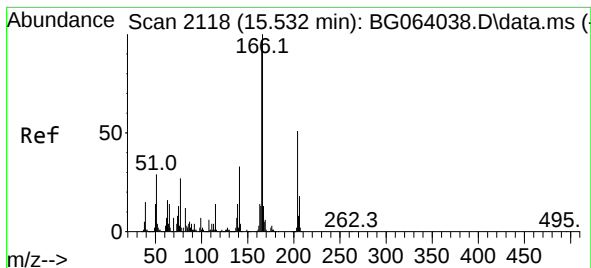
Tgt Ion:232 Resp: 83449
Ion Ratio Lower Upper
232 100
131 43.2 34.6 51.8
130 2.6 2.1 3.1
166 31.1 24.9 37.3



#60
Diethylphthalate
Concen: 44.537 ng
RT: 15.314 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:149 Resp: 375859
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.2 9.8 14.6

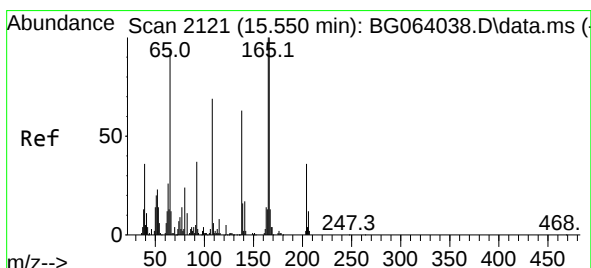
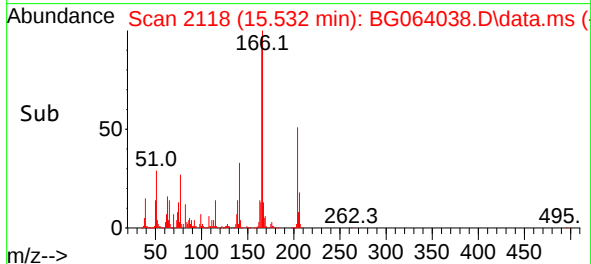
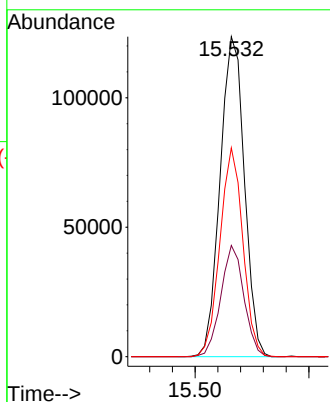
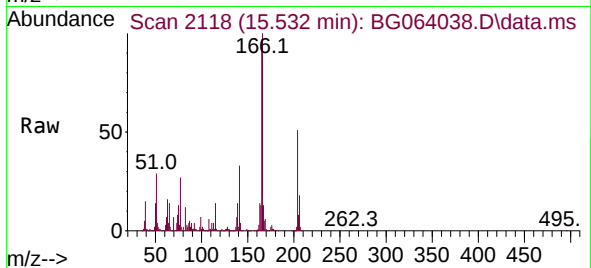




#61
4-Chlorophenyl-phenylether
Concen: 40.777 ng
RT: 15.532 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

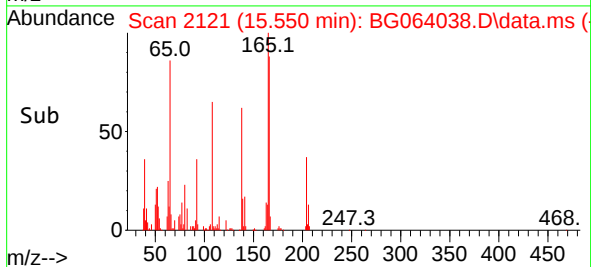
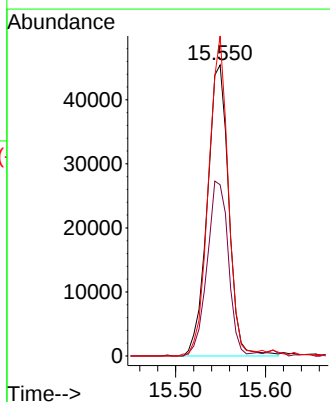
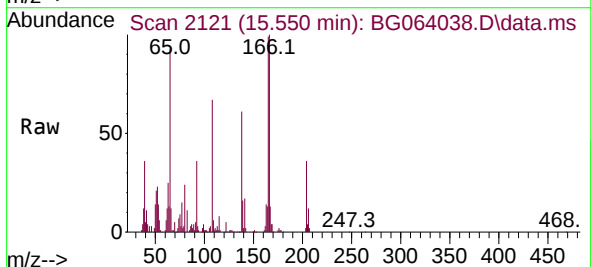
Instrument :
BNA_G
ClientSampleId :

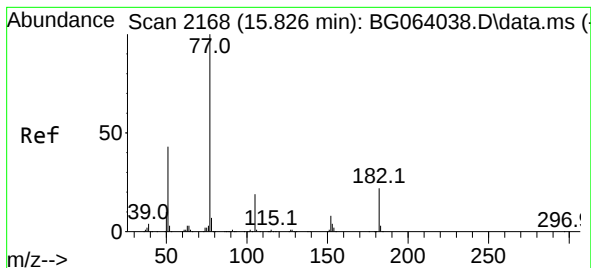
Tgt Ion:204 Resp: 183386
Ion Ratio Lower Upper
204 100
206 34.8 27.8 41.8
141 65.2 52.2 78.2



#62
4-Nitroaniline
Concen: 39.628 ng
RT: 15.550 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:138 Resp: 75278
Ion Ratio Lower Upper
138 100
92 58.8 38.8 78.8
108 109.9 89.9 129.9





#63

Azobenzene

Concen: 41.438 ng

RT: 15.826 min Scan# 2168

Delta R.T. 0.000 min

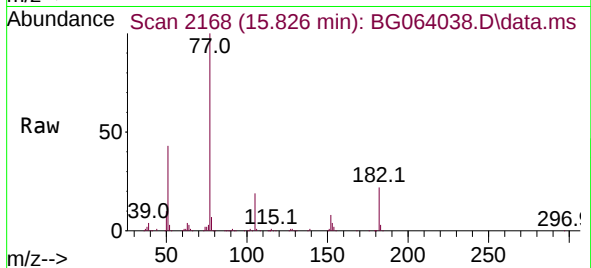
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



Tgt Ion: 77 Resp: 437860

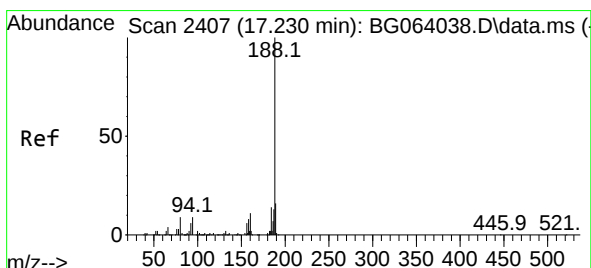
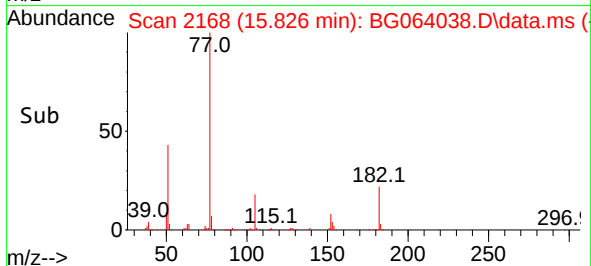
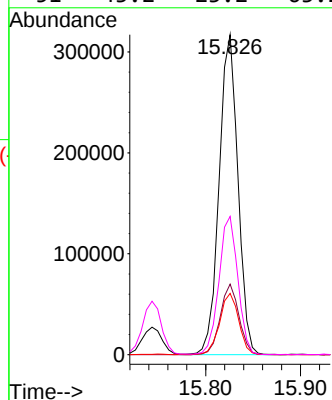
Ion Ratio Lower Upper

77 100

182 22.1 2.1 42.1

105 19.1 0.0 39.1

51 43.2 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: BG064038.D

Acq: 3 Mar 2025 14:58

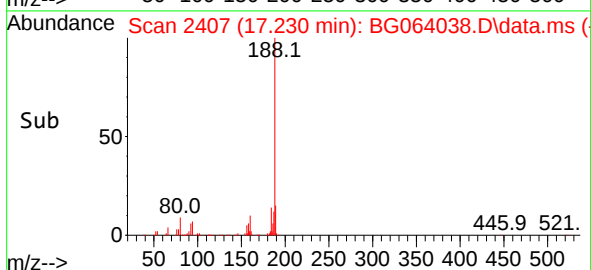
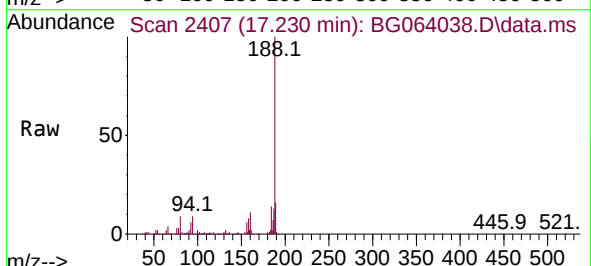
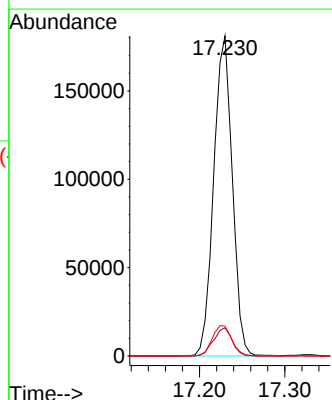
Tgt Ion:188 Resp: 274012

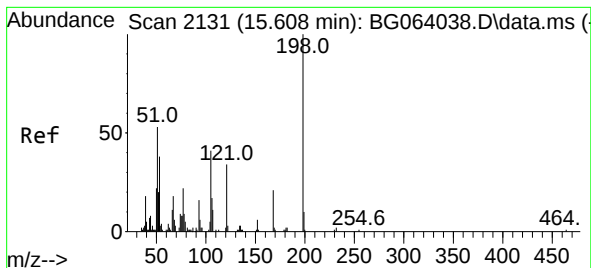
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.3 7.4 11.2

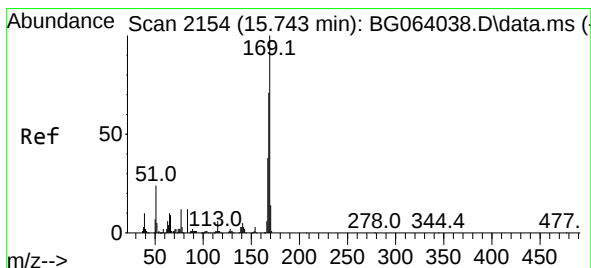
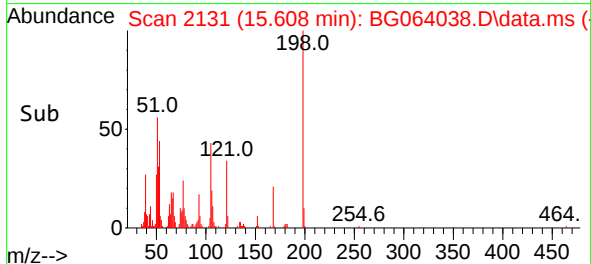
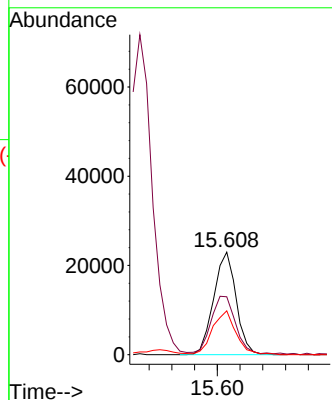
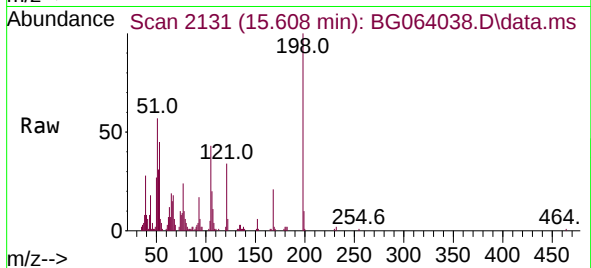




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.816 ng
 RT: 15.608 min Scan# 2131
 Delta R.T. 0.000 min
 Lab File: BG064038.D
 Acq: 3 Mar 2025 14:58

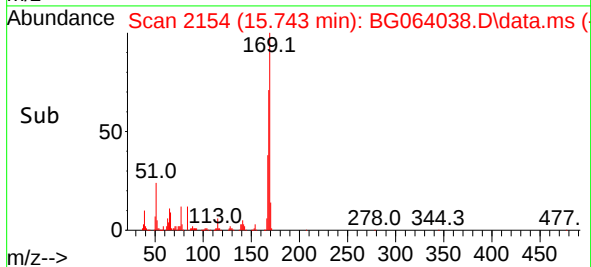
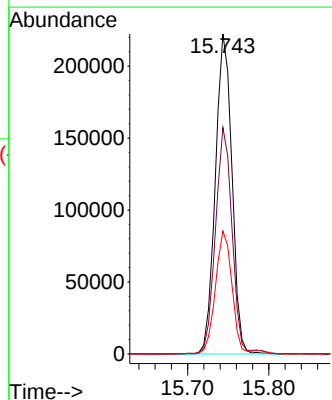
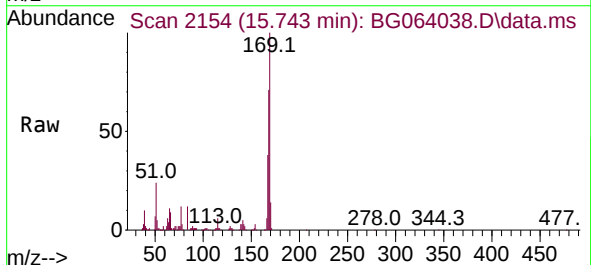
Instrument :
 BNA_G
 ClientSampleId :

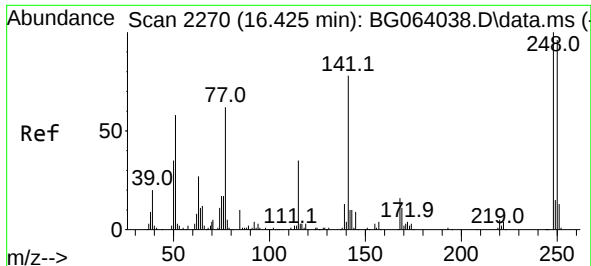
Tgt Ion:198 Resp: 31544
 Ion Ratio Lower Upper
 198 100
 51 56.6 36.6 76.6
 105 42.7 22.7 62.7



#66
 n-Nitrosodiphenylamine
 Concen: 41.398 ng
 RT: 15.743 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: BG064038.D
 Acq: 3 Mar 2025 14:58

Tgt Ion:169 Resp: 314963
 Ion Ratio Lower Upper
 169 100
 168 70.8 56.6 85.0
 167 38.4 30.7 46.1

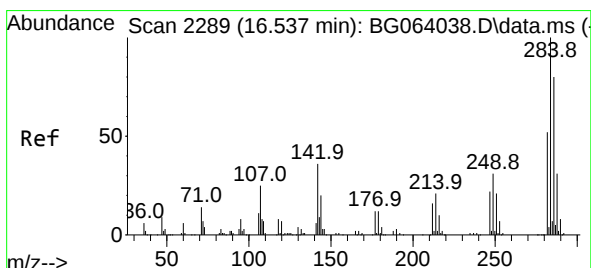
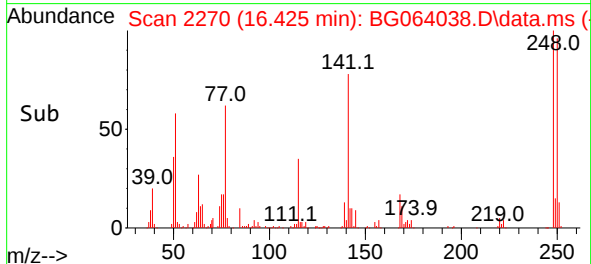
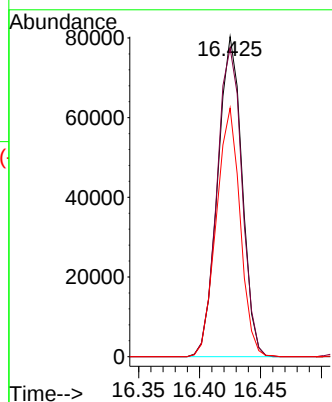
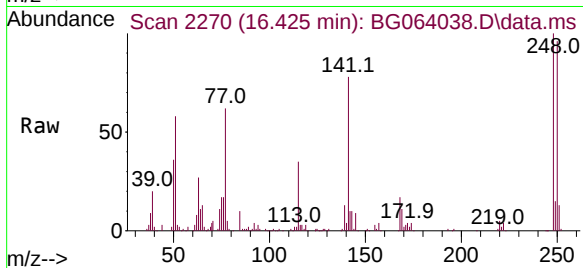




#67
4-Bromophenyl-phenylether
Concen: 39.715 ng
RT: 16.425 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

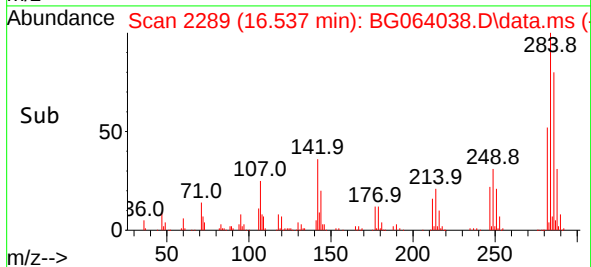
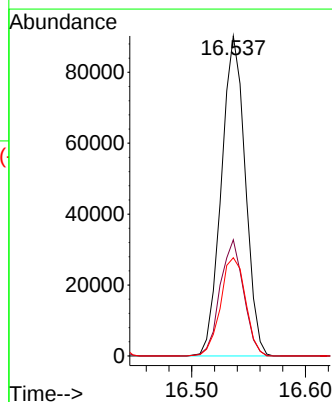
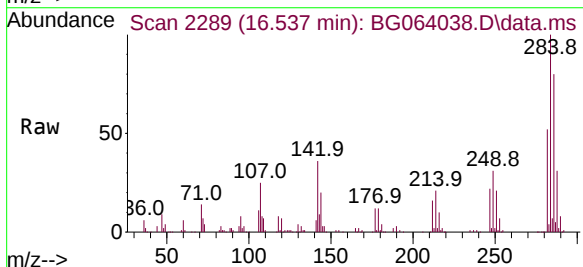
Instrument :
BNA_G
ClientSampleId :

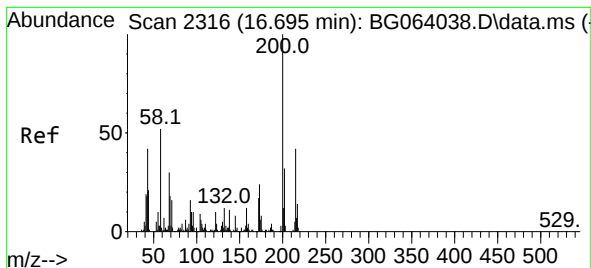
Tgt Ion:248 Resp: 111709
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 77.7 62.2 93.2



#68
Hexachlorobenzene
Concen: 42.022 ng
RT: 16.537 min Scan# 2289
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:284 Resp: 131632
Ion Ratio Lower Upper
284 100
142 36.3 29.0 43.6
249 30.7 24.6 36.8





#69

Atrazine

Concen: 47.857 ng

RT: 16.695 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064038.D

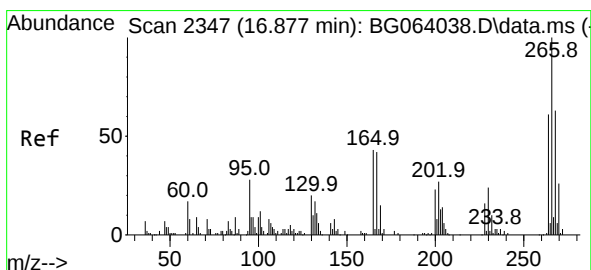
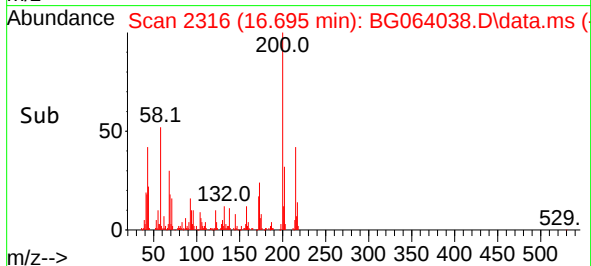
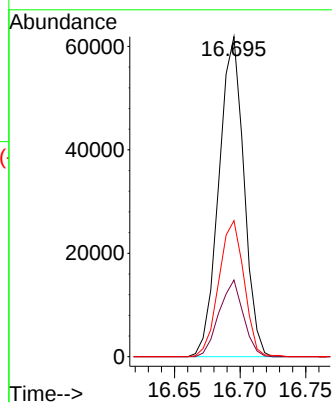
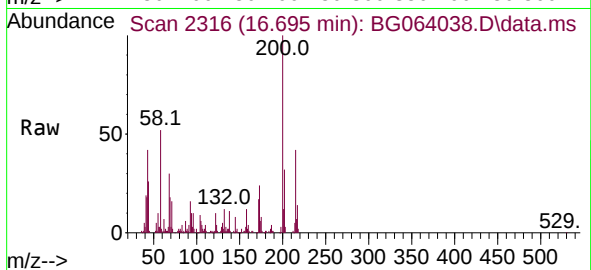
Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	200	Resp:	81939
Ion Ratio	Lower	Upper	
200	100		
173	23.9	3.9	43.9
215	42.5	22.5	62.5



#70

Pentachlorophenol

Concen: 37.760 ng

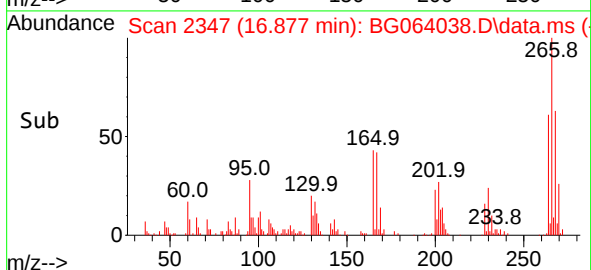
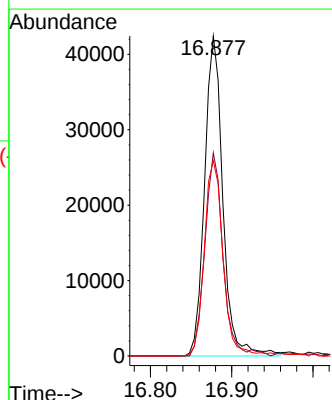
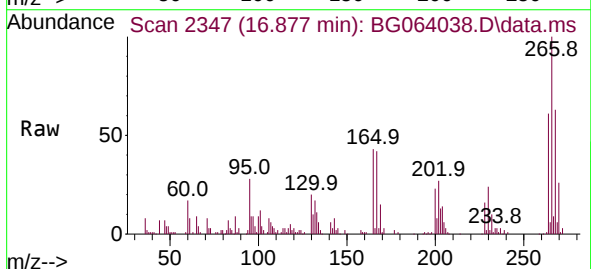
RT: 16.877 min Scan# 2347

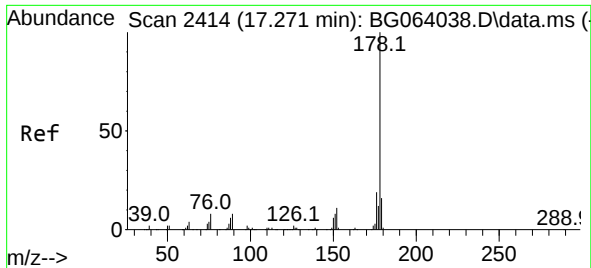
Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Tgt Ion:	266	Resp:	66158
Ion Ratio	Lower	Upper	
266	100		
268	63.4	50.7	76.1
264	61.0	48.8	73.2

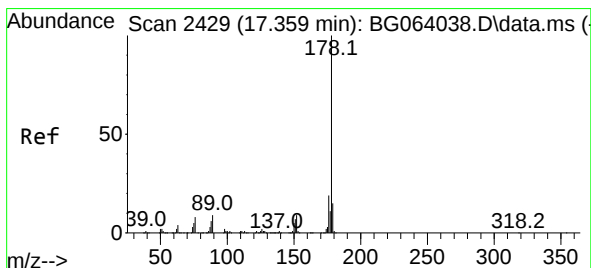
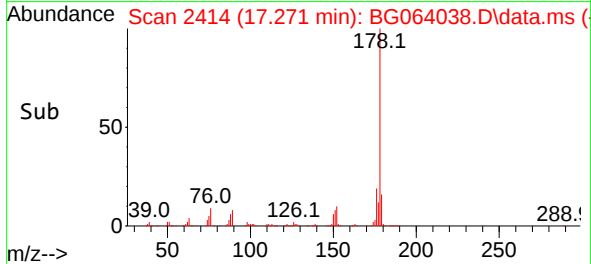
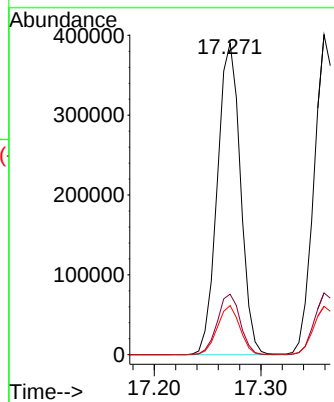
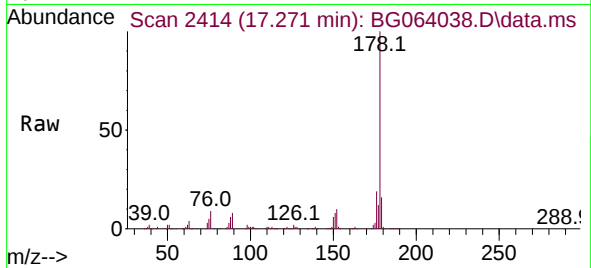




#71
Phenanthrene
Concen: 40.249 ng
RT: 17.271 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

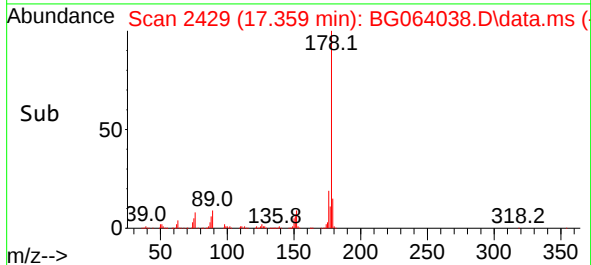
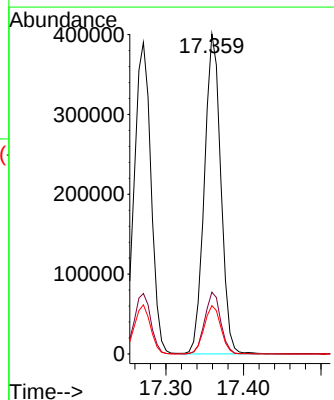
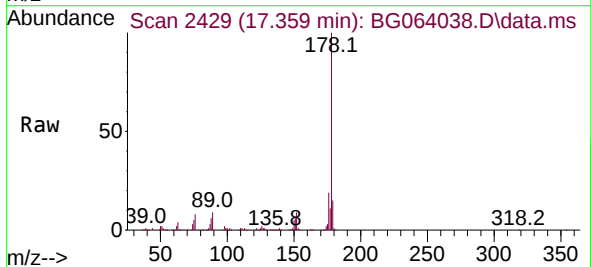
Instrument :
BNA_G
ClientSampleId :

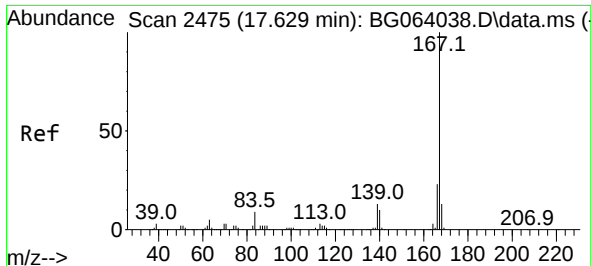
Tgt Ion:178 Resp: 586823
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.8 12.6 19.0



#72
Anthracene
Concen: 40.536 ng
RT: 17.359 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:178 Resp: 587473
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.1 18.1

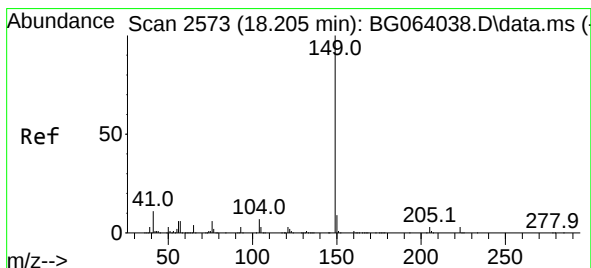
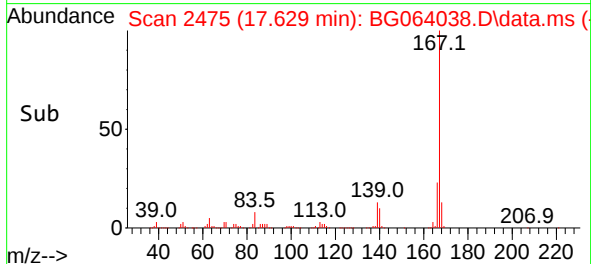
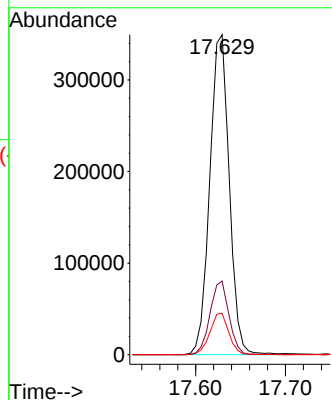
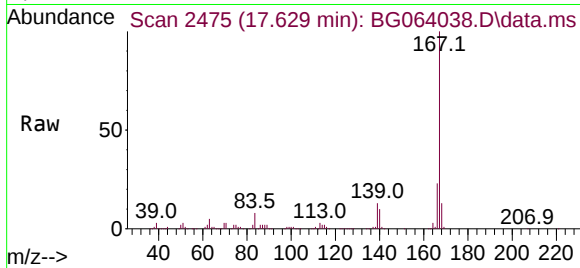




#73
 Carbazole
 Concen: 40.816 ng
 RT: 17.629 min Scan# 2475
 Delta R.T. 0.000 min
 Lab File: BG064038.D
 Acq: 3 Mar 2025 14:58

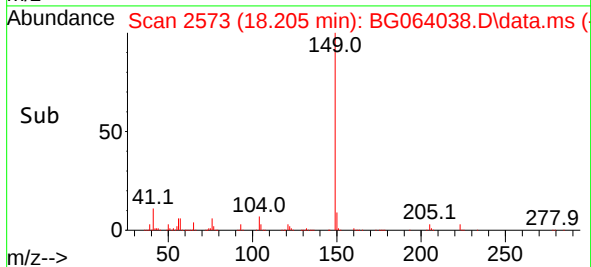
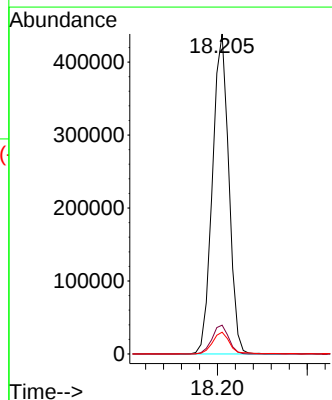
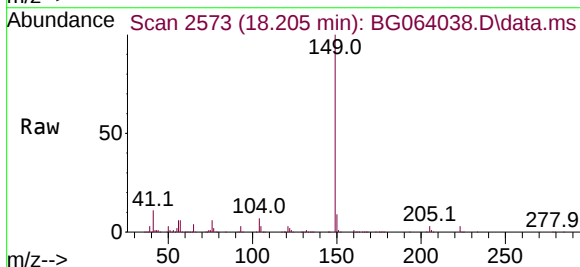
Instrument :
 BNA_G
 ClientSampleId :

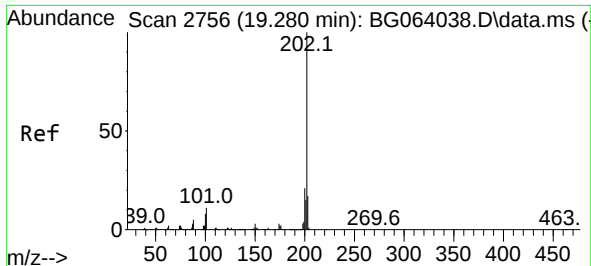
Tgt Ion:167 Resp: 525643
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 13.0 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 37.310 ng
 RT: 18.205 min Scan# 2573
 Delta R.T. 0.000 min
 Lab File: BG064038.D
 Acq: 3 Mar 2025 14:58

Tgt Ion:149 Resp: 554432
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 6.8 5.4 8.2

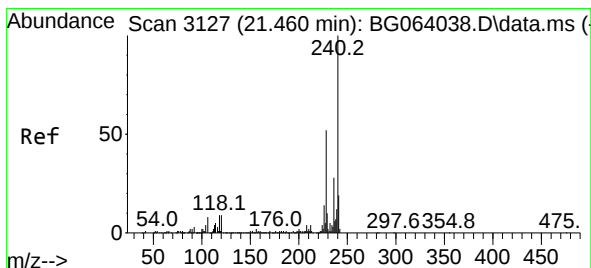
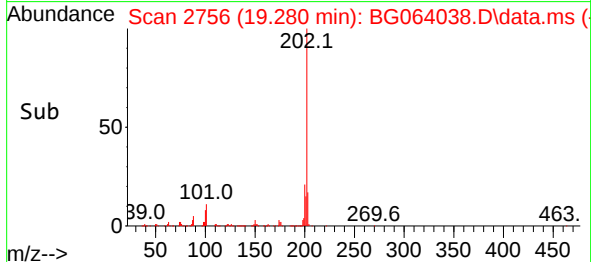
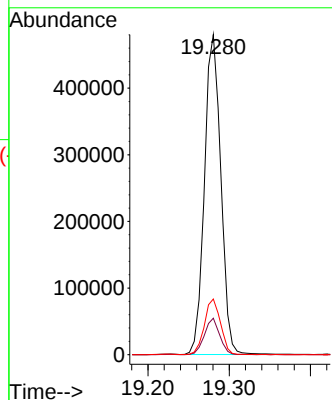
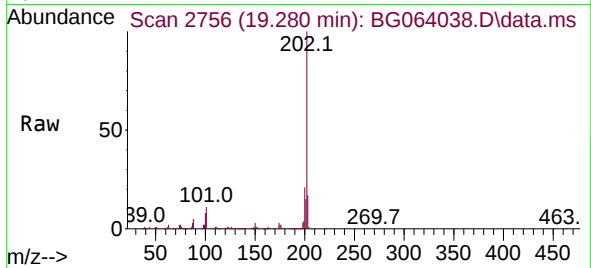




#75
Fluoranthene
Concen: 39.340 ng
RT: 19.280 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

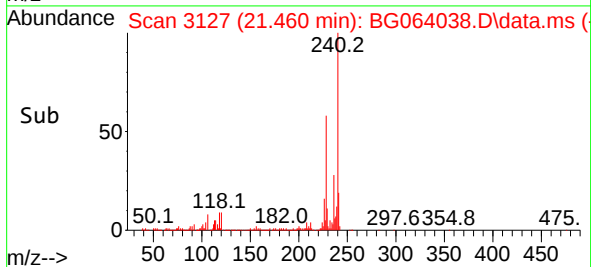
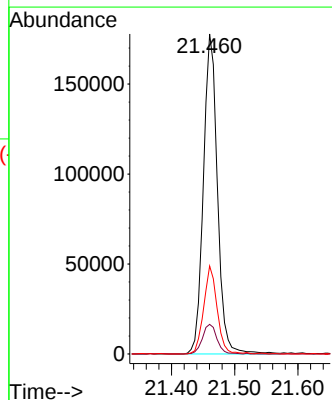
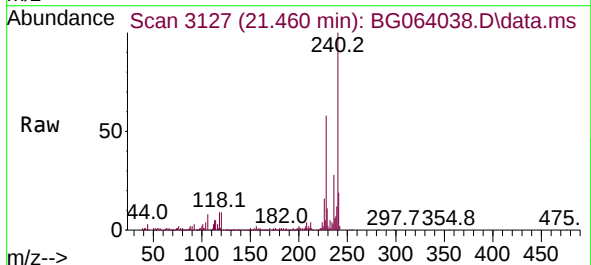
Instrument :
BNA_G
ClientSampleId :

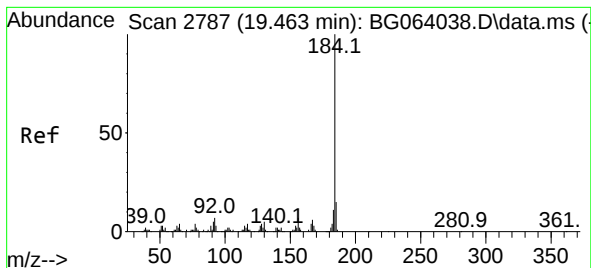
Tgt Ion:202 Resp: 671703
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.460 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:240 Resp: 274236
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 27.5 22.0 33.0





#77

Benzidine

Concen: 45.465 ng

RT: 19.463 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

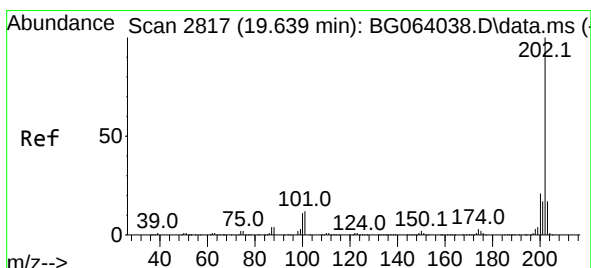
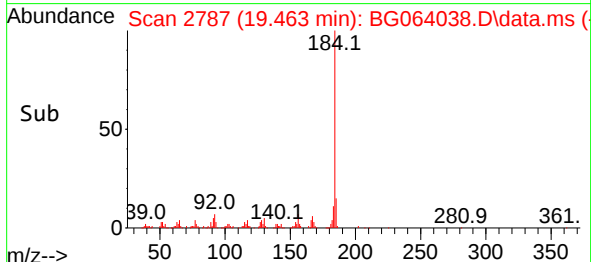
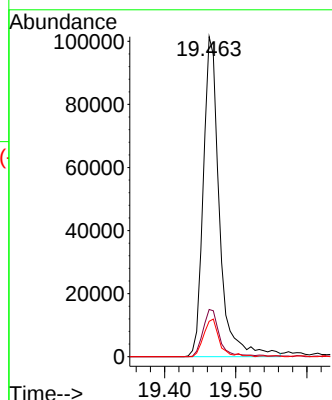
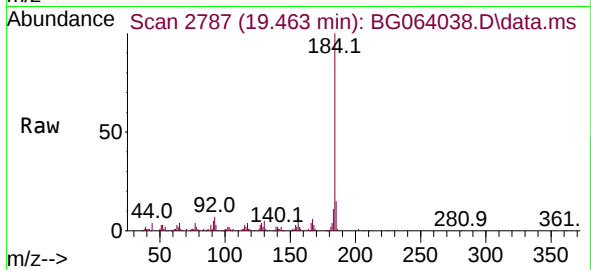
Tgt Ion:184 Resp: 160458

Ion Ratio Lower Upper

184 100

185 14.8 11.8 17.8

183 11.0 8.8 13.2



#78

Pyrene

Concen: 40.322 ng

RT: 19.639 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

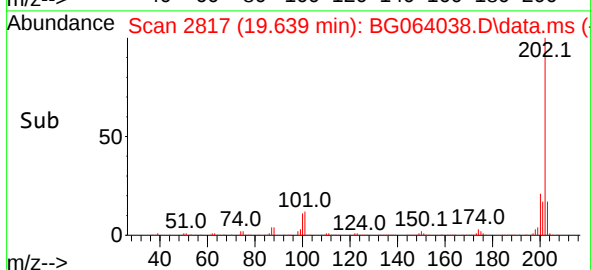
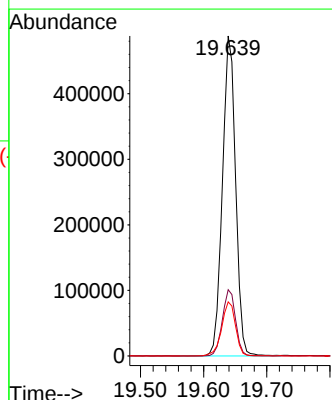
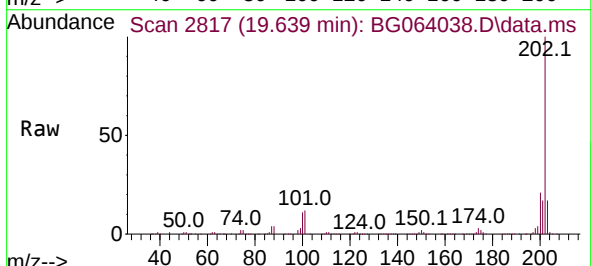
Tgt Ion:202 Resp: 705586

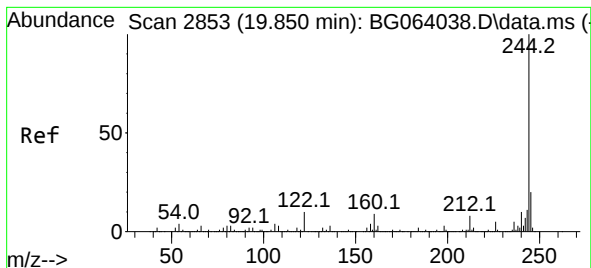
Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

203 16.9 13.5 20.3





#79

Terphenyl-d14

Concen: 78.732 ng

RT: 19.850 min Scan# 21

Delta R.T. 0.000 min

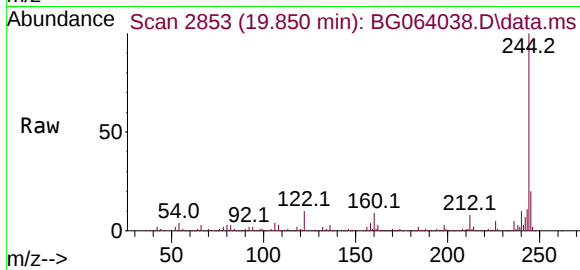
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



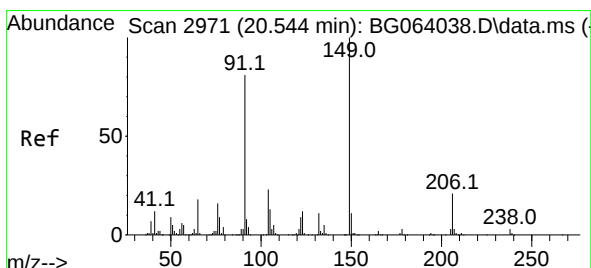
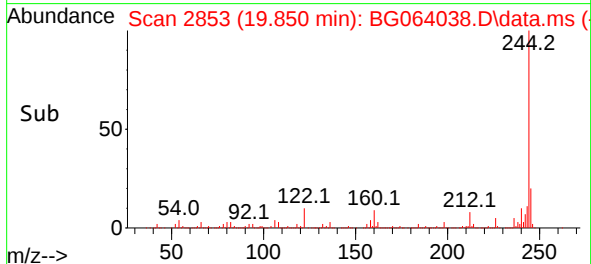
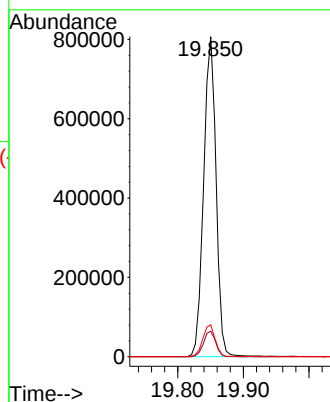
Tgt Ion:244 Resp: 1063739

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 10.0 8.0 12.0



#80

Butylbenzylphthalate

Concen: 38.390 ng

RT: 20.544 min Scan# 2971

Delta R.T. -0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

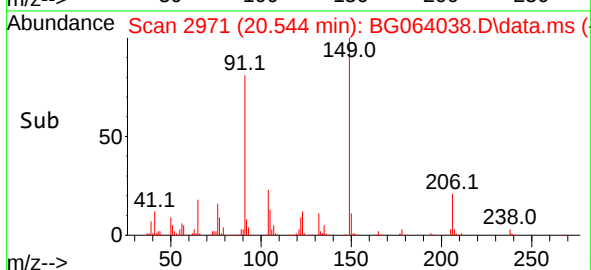
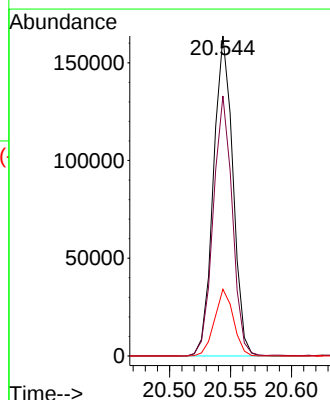
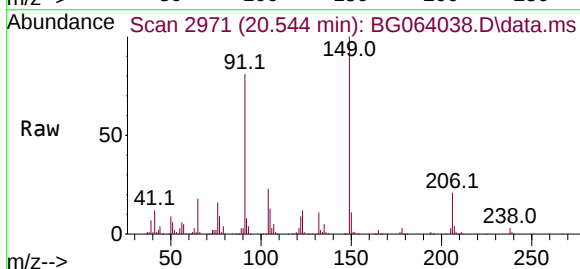
Tgt Ion:149 Resp: 181845

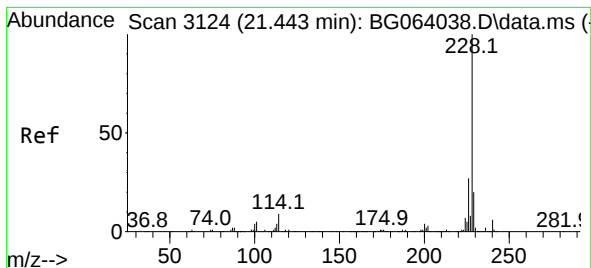
Ion Ratio Lower Upper

149 100

91 81.2 65.0 97.4

206 20.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 40.310 ng

RT: 21.443 min Scan# 3124

Delta R.T. 0.000 min

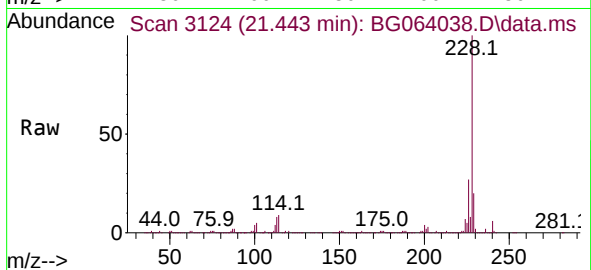
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



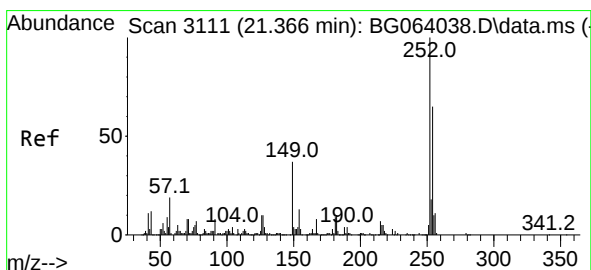
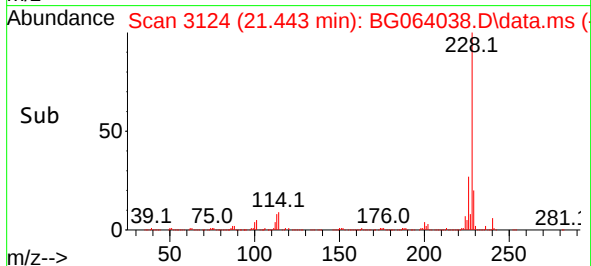
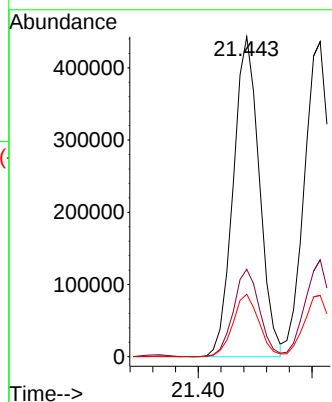
Tgt Ion:228 Resp: 704528

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.5 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 44.724 ng

RT: 21.366 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

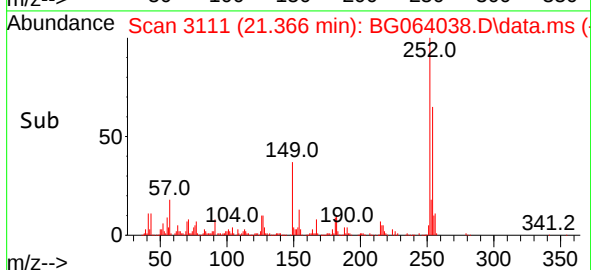
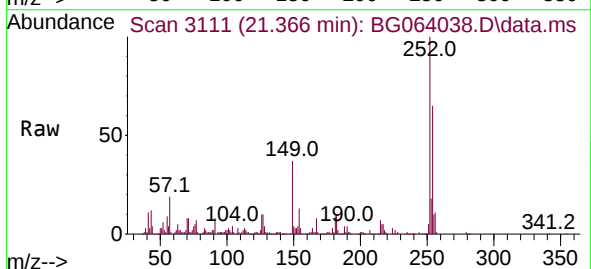
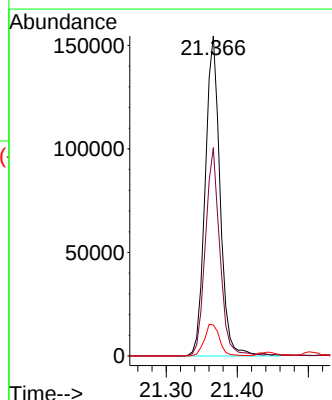
Tgt Ion:252 Resp: 225167

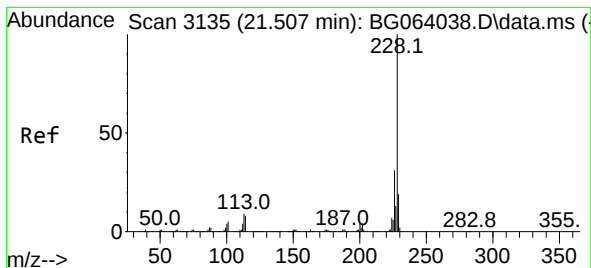
Ion Ratio Lower Upper

252 100

254 65.1 52.1 78.1

126 9.7 7.8 11.6





#83

Chrysene

Concen: 40.441 ng

RT: 21.507 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

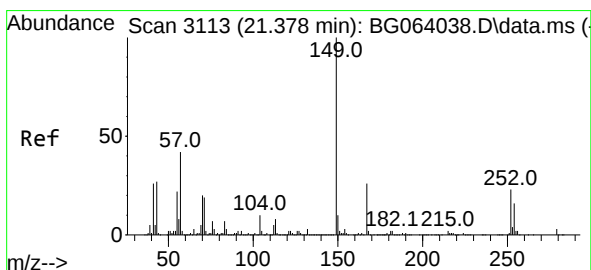
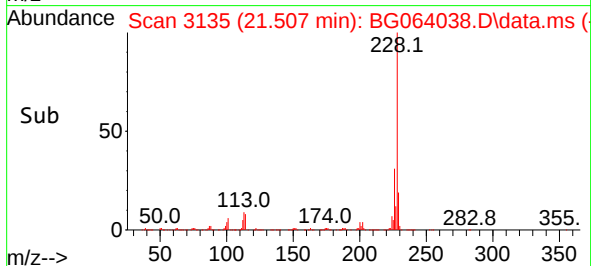
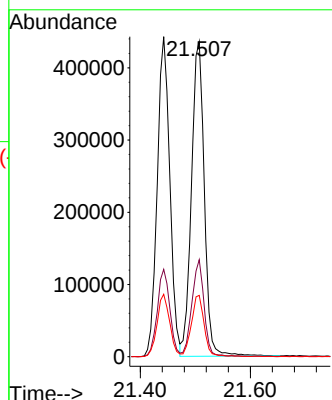
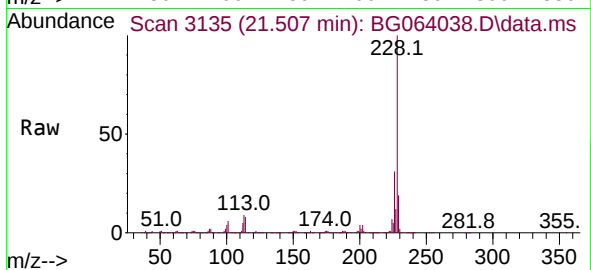
Tgt Ion:228 Resp: 708007

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 19.5 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.215 ng

RT: 21.378 min Scan# 3113

Delta R.T. -0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

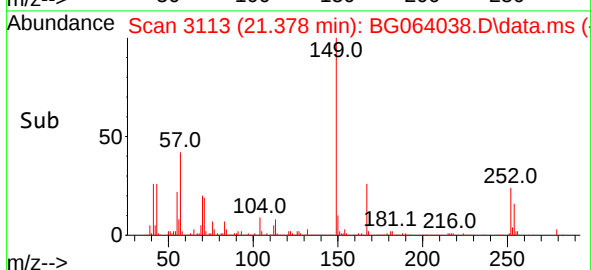
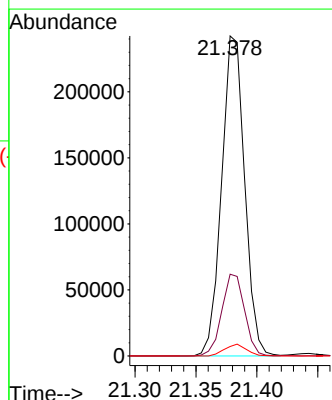
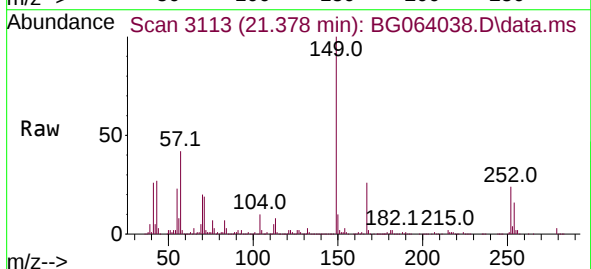
Tgt Ion:149 Resp: 318860

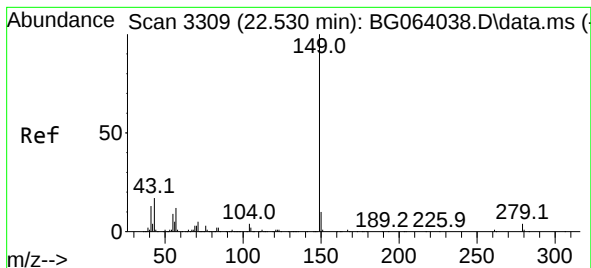
Ion Ratio Lower Upper

149 100

167 25.5 20.4 30.6

279 2.9 2.3 3.5





#85

Di-n-octyl phthalate

Concen: 39.059 ng

RT: 22.530 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

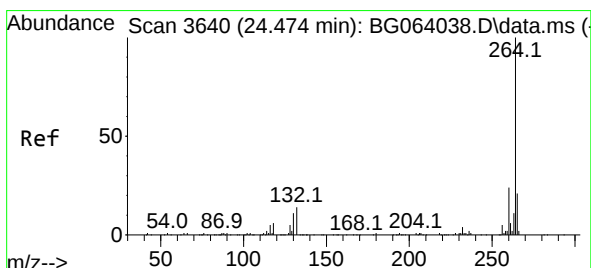
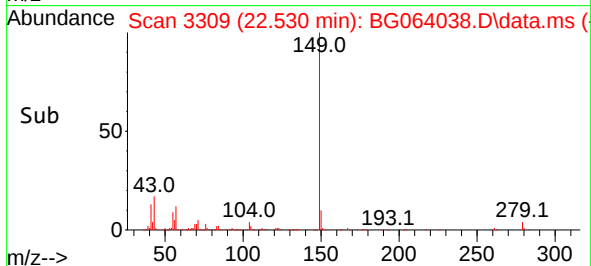
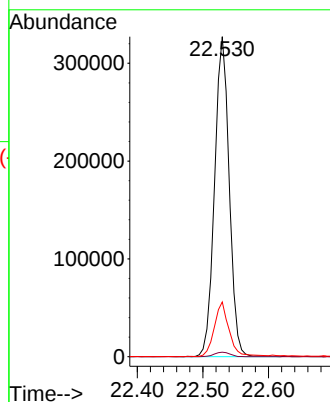
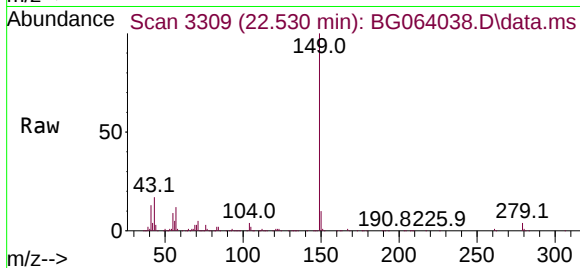
Tgt Ion:149 Resp: 505591

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 17.6 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: BG064038.D

Acq: 3 Mar 2025 14:58

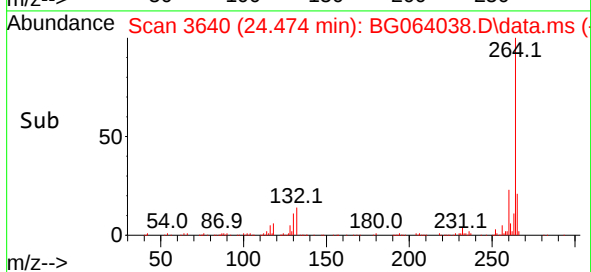
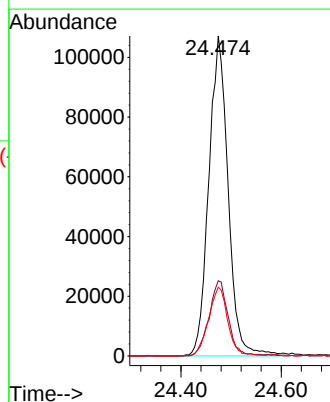
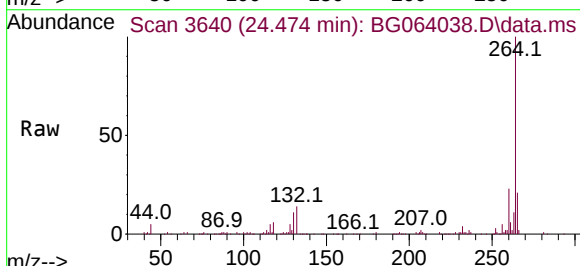
Tgt Ion:264 Resp: 286191

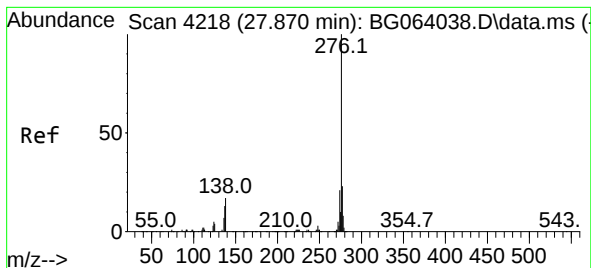
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.5 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.771 ng

RT: 27.870 min Scan# 4218

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :

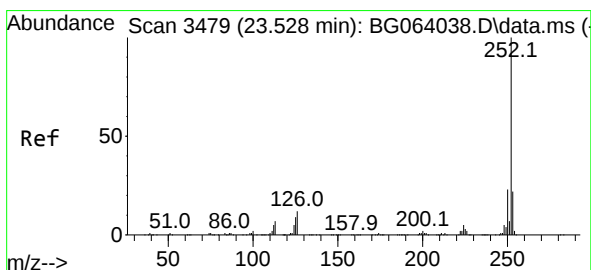
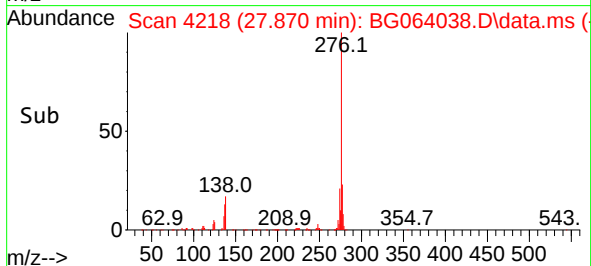
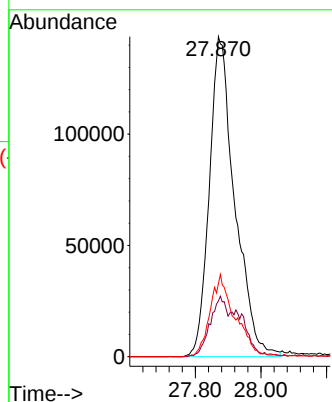
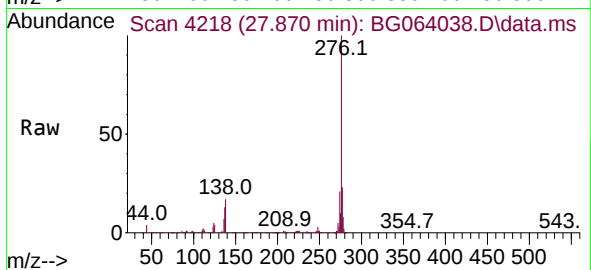
Tgt Ion:276 Resp: 775529

Ion Ratio Lower Upper

276 100

138 12.3 9.8 14.8

277 24.9 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 41.045 ng

RT: 23.528 min Scan# 3479

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

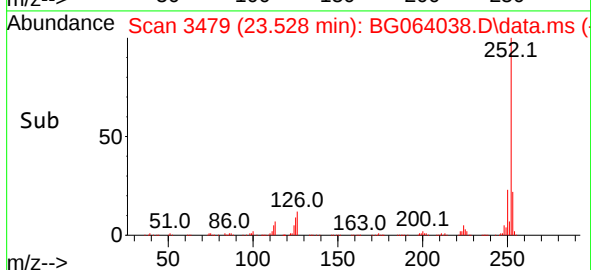
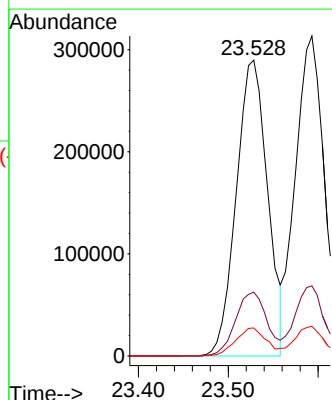
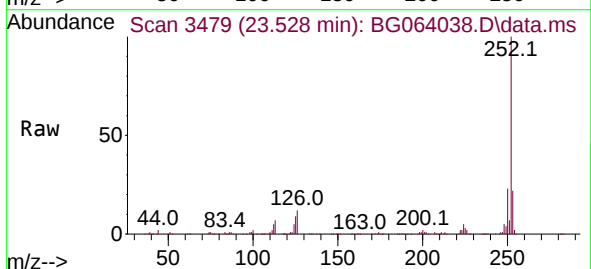
Tgt Ion:252 Resp: 701757

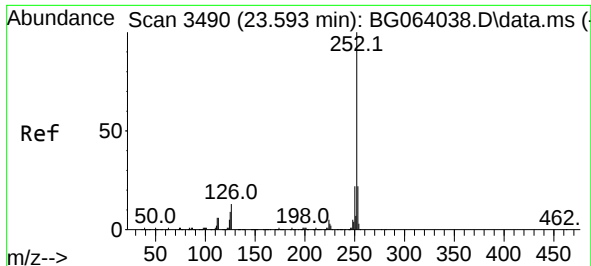
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

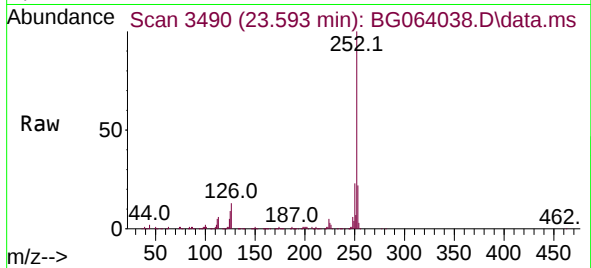
125 9.4 7.5 11.3



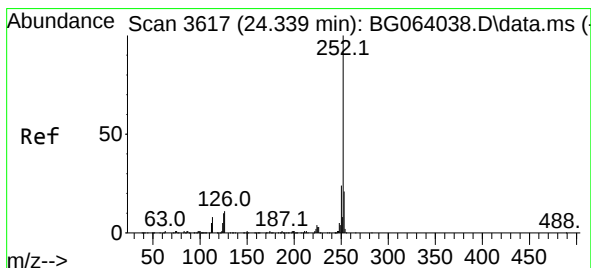
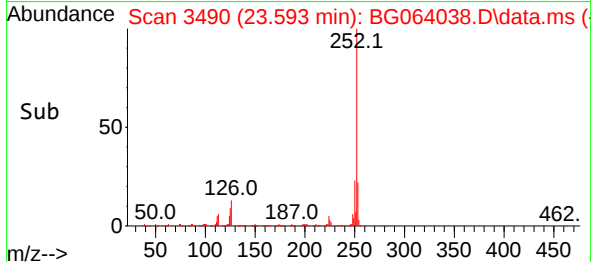
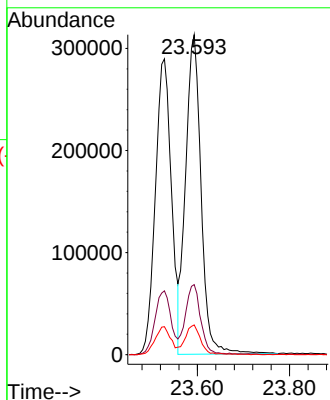


#89
Benzo(k)fluoranthene
Concen: 41.831 ng
RT: 23.593 min Scan# 3490
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Instrument :
BNA_G
ClientSampleId :

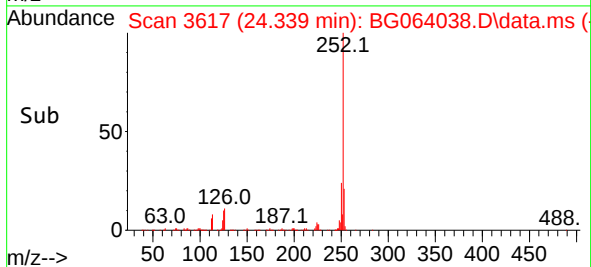
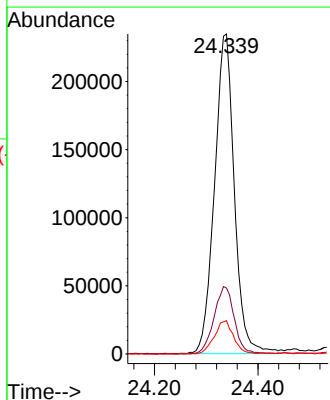
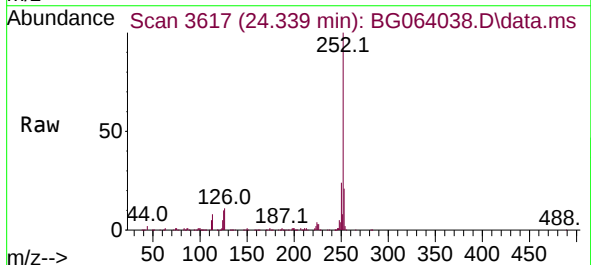


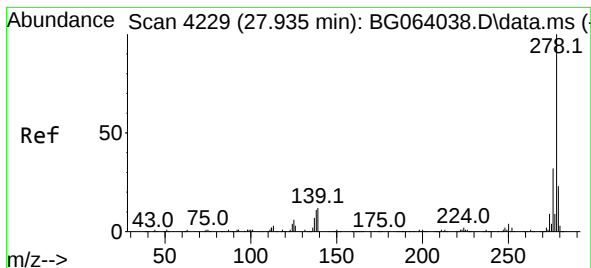
Tgt Ion:252 Resp: 727886
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.919 ng
RT: 24.339 min Scan# 3617
Delta R.T. 0.000 min
Lab File: BG064038.D
Acq: 3 Mar 2025 14:58

Tgt Ion:252 Resp: 623945
Ion Ratio Lower Upper
252 100
253 20.6 16.5 24.7
125 10.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 40.984 ng

RT: 27.935 min Scan# 41

Delta R.T. 0.000 min

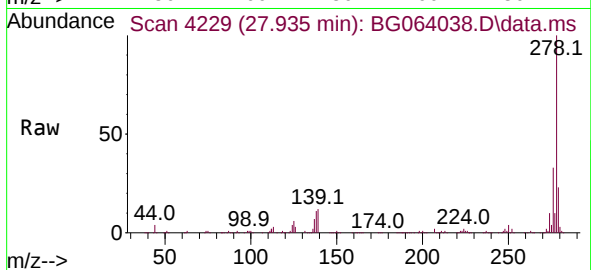
Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Instrument :

BNA_G

ClientSampleId :



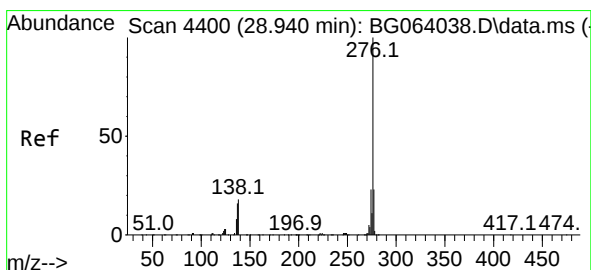
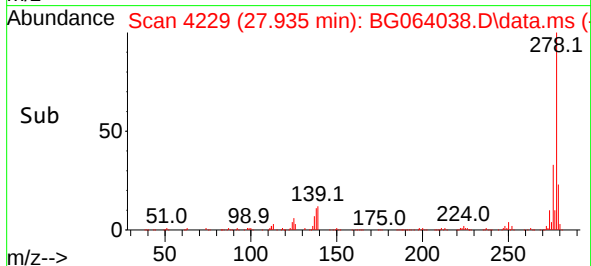
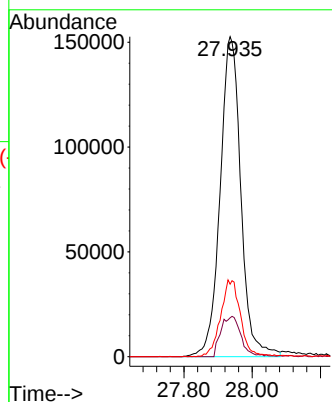
Tgt Ion:278 Resp: 643980

Ion Ratio Lower Upper

278 100

139 12.1 9.7 14.5

279 22.7 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 40.502 ng

RT: 28.940 min Scan# 4400

Delta R.T. 0.000 min

Lab File: BG064038.D

Acq: 3 Mar 2025 14:58

Tgt Ion:276 Resp: 662708

Ion Ratio Lower Upper

276 100

277 22.8 18.2 27.4

138 18.0 14.4 21.6

