

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030325\
 Data File : BG064039.D
 Acq On : 3 Mar 2025 15:39
 Operator : RC/JU
 Sample : SSTDIC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 07:13:29 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	7.866	152	35106	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	165283	20.000	ng	# 0.00
39) Acenaphthene-d10	14.487	164	120313	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	263280	20.000	ng	0.00
76) Chrysene-d12	21.462	240	261479	20.000	ng	0.00
86) Perylene-d12	24.476	264	272452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	222902	108.900	ng	0.00
7) Phenol-d6	7.026	99	313855	108.704	ng	0.00
23) Nitrobenzene-d5	9.017	82	313955	110.401	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	126135	95.709	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	774302	97.914	ng	0.00
79) Terphenyl-d14	19.852	244	1252315	97.211	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.371	88	51269	50.012	ng	95
3) Pyridine	3.759	79	112696	46.342	ng	99
4) n-Nitrosodimethylamine	3.677	42	90702	51.120	ng	95
6) Aniline	7.190	93	154187	50.005	ng	96
8) 2-Chlorophenol	7.425	128	121849	55.966	ng	95
9) Benzaldehyde	7.002	77	81575	47.394	ng	96
10) Phenol	7.055	94	158243	52.622	ng	98
11) bis(2-Chloroethyl)ether	7.290	93	129556	51.927	ng	95
12) 1,3-Dichlorobenzene	7.754	146	129966	50.144	ng	97
13) 1,4-Dichlorobenzene	7.901	146	134606	50.239	ng	94
14) 1,2-Dichlorobenzene	8.218	146	129822	50.750	ng	96
15) Benzyl Alcohol	8.095	79	124976	52.742	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.395	45	297124	52.873	ng	99
17) 2-Methylphenol	8.301	107	109680	54.197	ng	94
18) Hexachloroethane	8.947	117	48604	54.130	ng	95
19) n-Nitroso-di-n-propyla...	8.671	70	122877	54.324	ng	99
20) 3+4-Methylphenols	8.630	107	151915	52.315	ng	96
22) Acetophenone	8.682	105	232464	50.967	ng	99
24) Nitrobenzene	9.059	77	163121	54.367	ng	91
25) Isophorone	9.581	82	320054	52.965	ng	99
26) 2-Nitrophenol	9.764	139	41710	50.035	ng	98
27) 2,4-Dimethylphenol	9.828	122	89581	55.763	ng	94
28) bis(2-Chloroethoxy)met...	10.063	93	189457	50.994	ng	96
29) 2,4-Dichlorophenol	10.298	162	113705	48.559	ng	96
30) 1,2,4-Trichlorobenzene	10.516	180	133360	49.465	ng	98
31) Naphthalene	10.704	128	443339	49.800	ng	98
32) Benzoic acid	9.975	122	56743	50.238	ng	98
33) 4-Chloroaniline	10.804	127	170615	51.767	ng	96
34) Hexachlorobutadiene	10.997	225	89666	51.158	ng	95
35) Caprolactam	11.573	113	42712	53.142	ng	# 87
36) 4-Chloro-3-methylphenol	11.932	107	155592	55.075	ng	98
37) 2-Methylnaphthalene	12.314	142	324443	50.506	ng	96
38) 1-Methylnaphthalene	12.531	142	320629	49.993	ng	99
40) 1,2,4,5-Tetrachloroben...	12.678	216	167431	50.129	ng	99
41) Hexachlorocyclopentadiene	12.666	237	47007	52.717	ng	92
43) 2,4,6-Trichlorophenol	12.919	196	98879	47.870	ng	98

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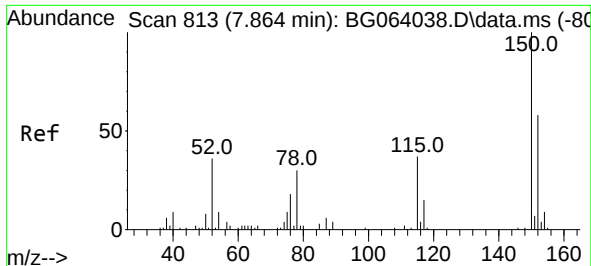
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 04 07:06:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	111430	48.338	ng	98
46) 1,1'-Biphenyl	13.324	154	449369	48.983	ng	97
47) 2-Chloronaphthalene	13.365	162	327436	49.609	ng	97
48) 2-Nitroaniline	13.559	65	94992	49.329	ng	96
49) Acenaphthylene	14.211	152	517484	49.669	ng	98
50) Dimethylphthalate	13.953	163	427683	54.241	ng	100
51) 2,6-Dinitrotoluene	14.059	165	83368	48.581	ng	92
52) Acenaphthene	14.552	154	353135	49.515	ng	97
53) 3-Nitroaniline	14.388	138	87068	48.328	ng	99
54) 2,4-Dinitrophenol	14.587	184	23911	47.547	ng	94
55) Dibenzofuran	14.887	168	551414	48.359	ng	100
56) 4-Nitrophenol	14.693	139	65185	47.429	ng	87
57) 2,4-Dinitrotoluene	14.846	165	114334	48.514	ng	96
58) Fluorene	15.533	166	429039	48.789	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.110	232	103366	47.647	ng	97
60) Diethylphthalate	15.316	149	463646	55.584	ng	98
61) 4-Chlorophenyl-phenyle...	15.533	204	211650	47.613	ng	93
62) 4-Nitroaniline	15.551	138	92339	48.386	ng	94
63) Azobenzene	15.827	77	507390	48.582	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	40182	48.290	ng	95
66) n-Nitrosodiphenylamine	15.745	169	371192	50.777	ng	99
67) 4-Bromophenyl-phenylether	16.426	248	135377	50.092	ng	95
68) Hexachlorobenzene	16.538	284	147230	48.918	ng	95
69) Atrazine	16.697	200	83534	50.778	ng	98
70) Pentachlorophenol	16.879	266	83192	46.952	ng	95
71) Phenanthrene	17.272	178	686747	49.023	ng	99
72) Anthracene	17.361	178	695122	49.919	ng	98
73) Carbazole	17.625	167	627907	50.745	ng	97
74) Di-n-butylphthalate	18.201	149	724392	49.108	ng	99
75) Fluoranthene	19.282	202	803165	48.956	ng	98
77) Benzidine	19.464	184	172921	51.387	ng	98
78) Pyrene	19.640	202	826103	49.513	ng	99
80) Butylbenzylphthalate	20.545	149	243554	51.918	ng	96
81) Benzo(a)anthracene	21.444	228	826480	49.595	ng	99
82) 3,3'-Dichlorobenzidine	21.368	252	266287	55.472	ng	99
83) Chrysene	21.509	228	825851	49.474	ng	99
84) Bis(2-ethylhexyl)phtha...	21.379	149	410403	49.609	ng	# 97
85) Di-n-octyl phthalate	22.531	149	669305	49.771	ng	98
87) Indeno(1,2,3-cd)pyrene	27.878	276	922966	50.969	ng	98
88) Benzo(b)fluoranthene	23.530	252	829241	50.947	ng	99
89) Benzo(k)fluoranthene	23.594	252	844650	50.989	ng	97
90) Benzo(a)pyrene	24.335	252	741090	51.052	ng	98
91) Dibenzo(a,h)anthracene	27.942	278	766939	51.271	ng	97
92) Benzo(g,h,i)perylene	28.941	276	785702	50.441	ng	99

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

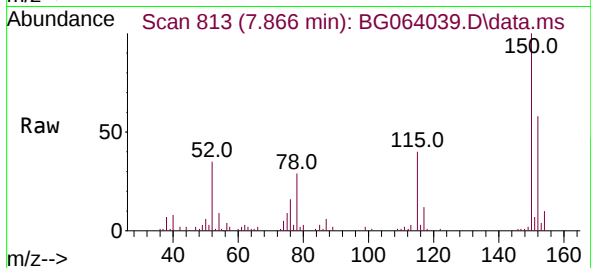
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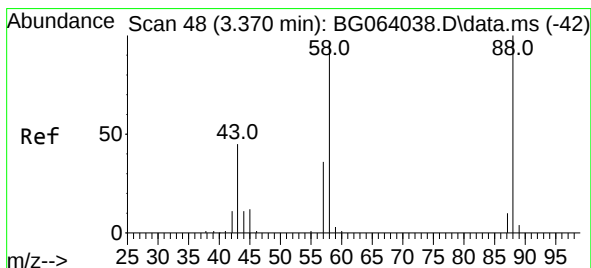
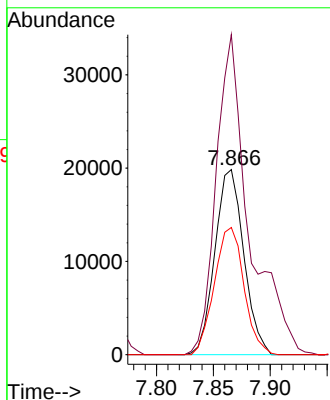
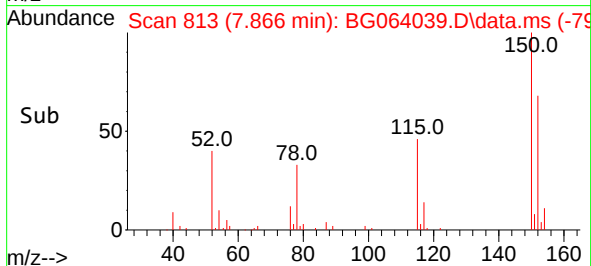


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.866 min Scan# 813
 Delta R.T. 0.002 min
 Lab File: BG064039.D
 Acq: 3 Mar 2025 15:39

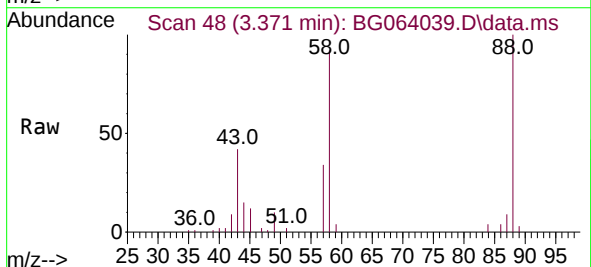
Instrument :
 BNA_G
 ClientSampleId :



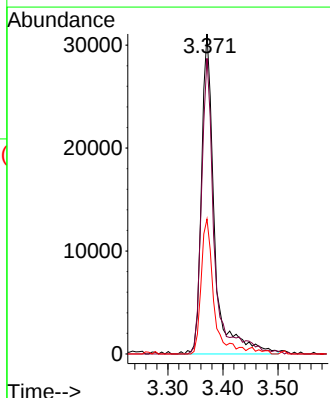
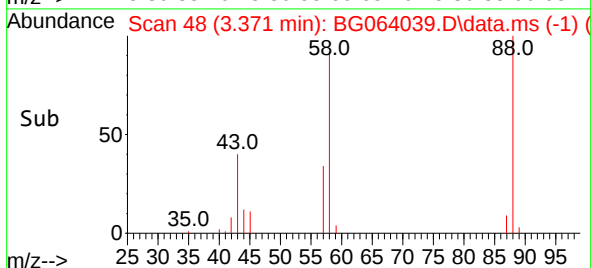
Tgt Ion:152 Resp: 35106
 Ion Ratio Lower Upper
 152 100
 150 172.8 137.7 206.5
 115 68.7 51.4 77.2

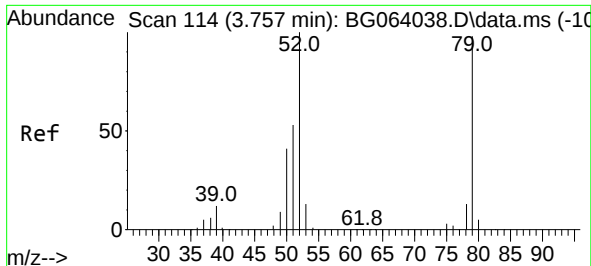


#2
 1,4-Dioxane
 Concen: 50.012 ng
 RT: 3.371 min Scan# 48
 Delta R.T. 0.001 min
 Lab File: BG064039.D
 Acq: 3 Mar 2025 15:39



Tgt Ion: 88 Resp: 51269
 Ion Ratio Lower Upper
 88 100
 58 91.4 77.0 115.6
 43 40.5 34.6 52.0

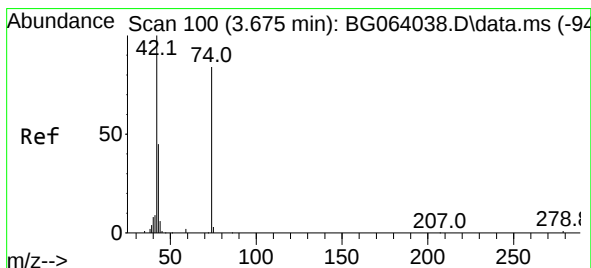
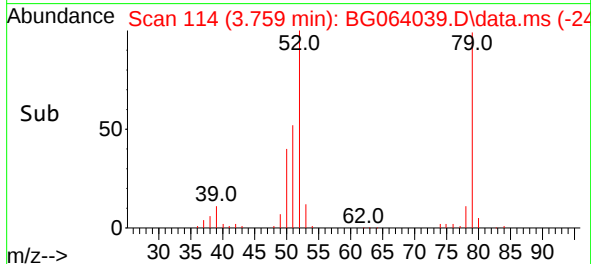
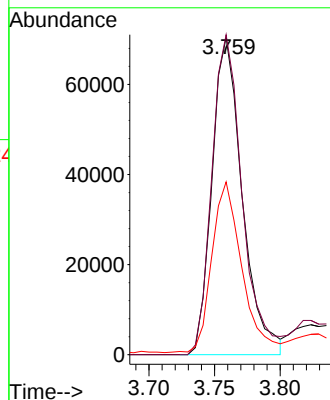
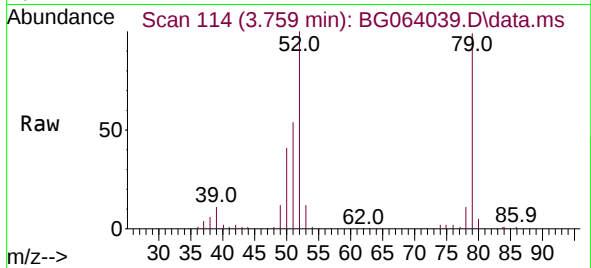




#3
Pyridine
Concen: 46.342 ng
RT: 3.759 min Scan# 114
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

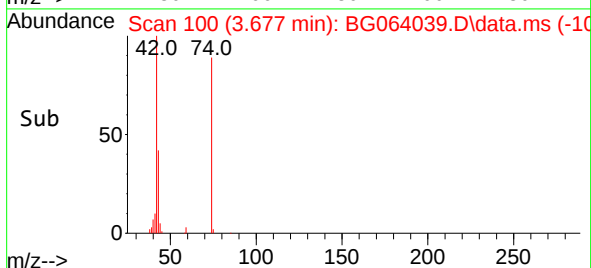
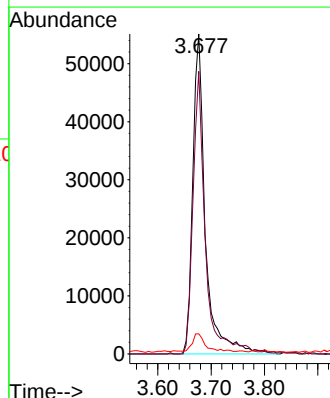
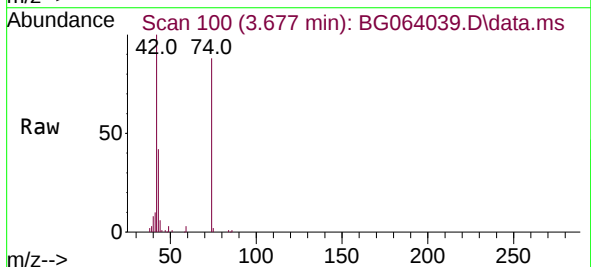
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BNA_G
ClientSampleId :

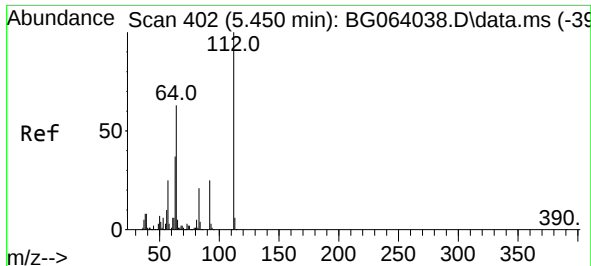
Tgt Ion: 79 Resp: 112696
Ion Ratio Lower Upper
79 100
52 100.9 82.0 123.0
51 54.5 44.2 66.2



#4
n-Nitrosodimethylamine
Concen: 51.120 ng
RT: 3.677 min Scan# 100
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion: 42 Resp: 90702
Ion Ratio Lower Upper
42 100
74 88.3 67.2 100.8
44 6.3 5.6 8.4

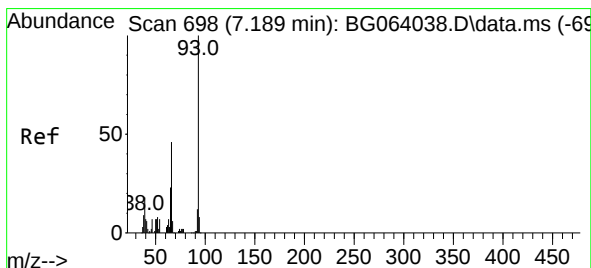
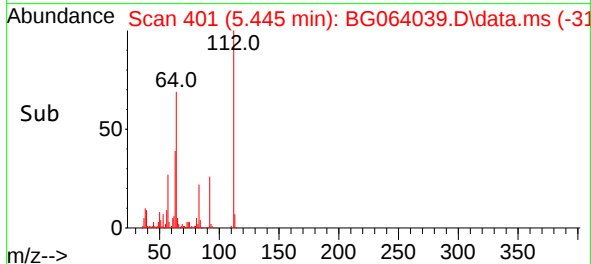
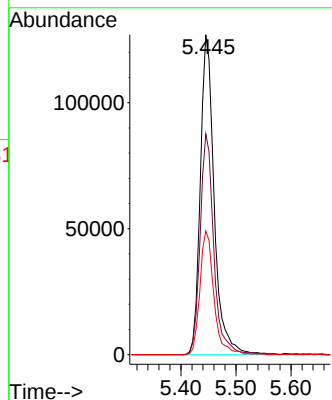
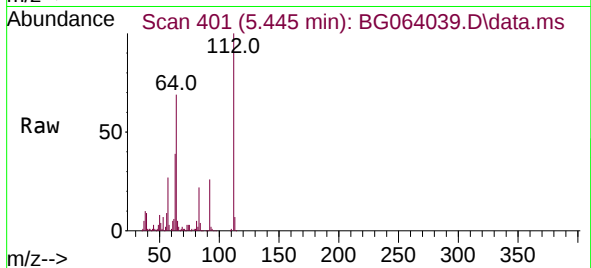




#5
2-Fluorophenol
Concen: 108.900 ng
RT: 5.445 min Scan# 402
Delta R.T. -0.004 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

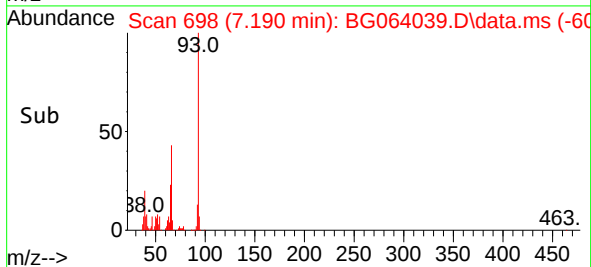
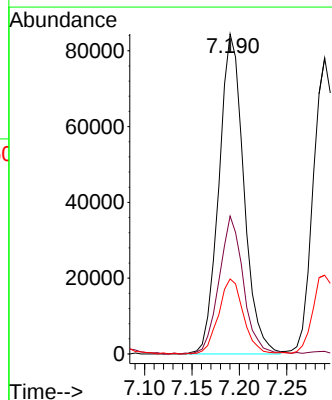
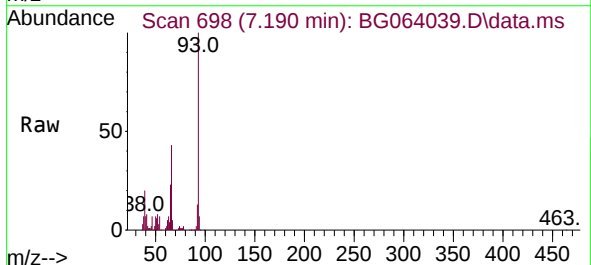
Instrument :
BNA_G
ClientSampleId :

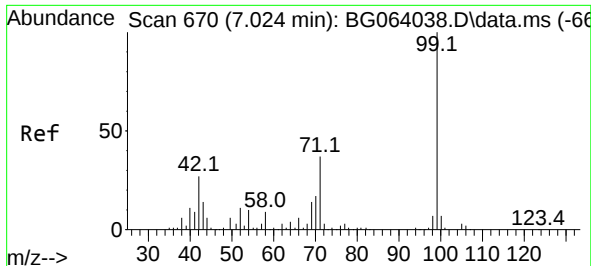
Tgt Ion:112 Resp: 222902
Ion Ratio Lower Upper
112 100
64 69.0 50.5 75.7
63 38.6 29.8 44.6



#6
Aniline
Concen: 50.005 ng
RT: 7.190 min Scan# 698
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

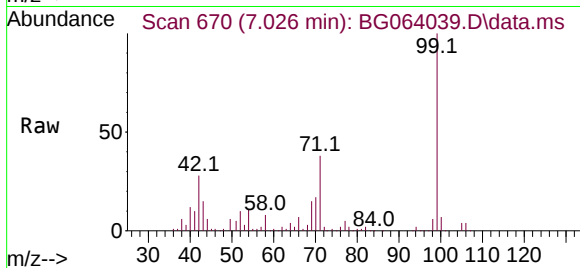
Tgt Ion: 93 Resp: 154187
Ion Ratio Lower Upper
93 100
66 43.1 37.1 55.7
65 23.5 18.2 27.2



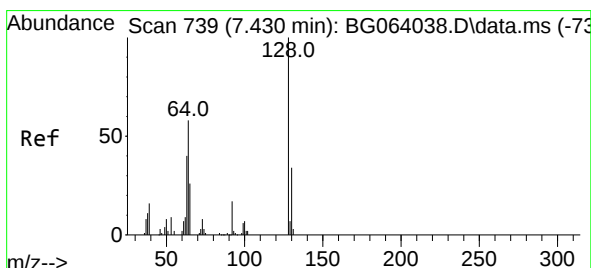
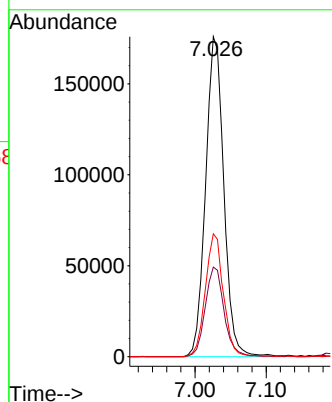
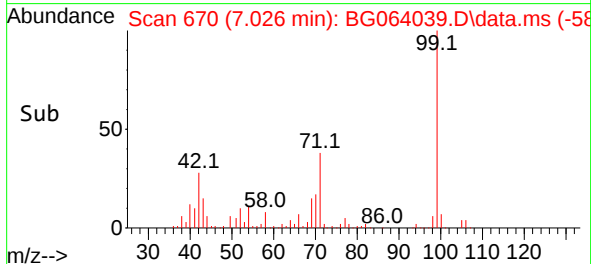


#7
Phenol-d6
Concen: 108.704 ng
RT: 7.026 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

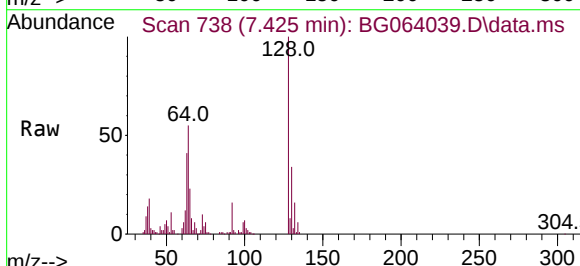
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BNA_G
ClientSampleId :



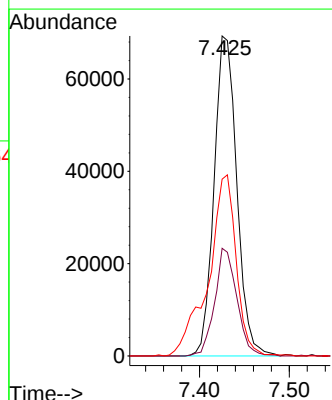
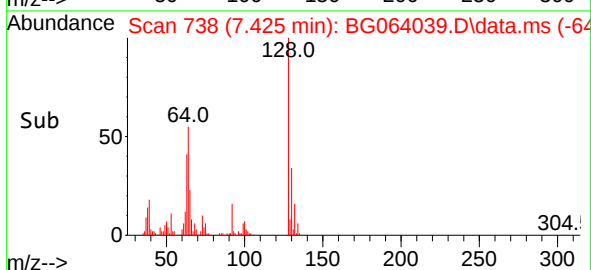
Tgt Ion: 99 Resp: 313855
Ion Ratio Lower Upper
99 100
42 28.0 21.9 32.9
71 38.4 29.5 44.3

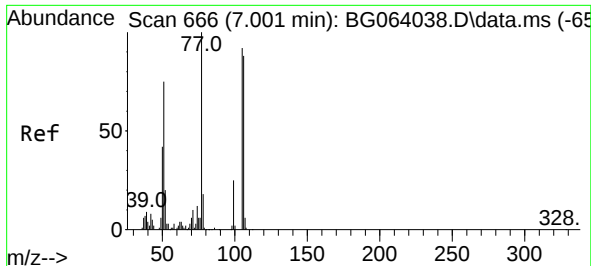


#8
2-Chlorophenol
Concen: 55.966 ng
RT: 7.425 min Scan# 738
Delta R.T. -0.004 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39



Tgt Ion:128 Resp: 121849
Ion Ratio Lower Upper
128 100
130 33.6 14.4 54.4
64 55.3 40.7 80.7

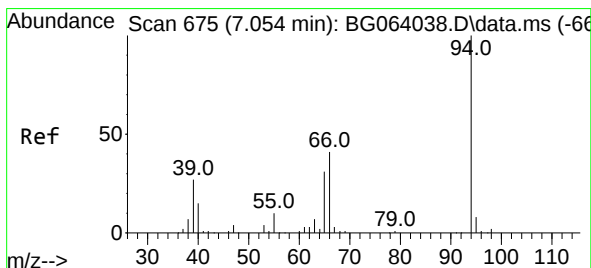
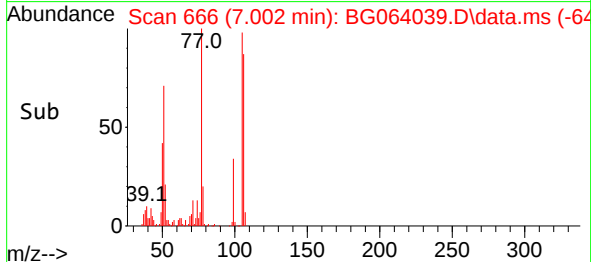
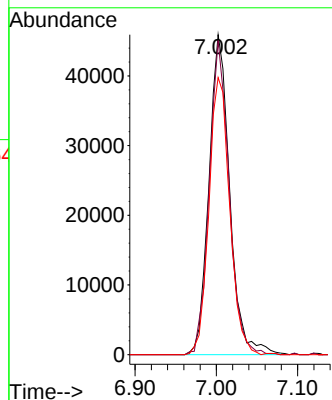
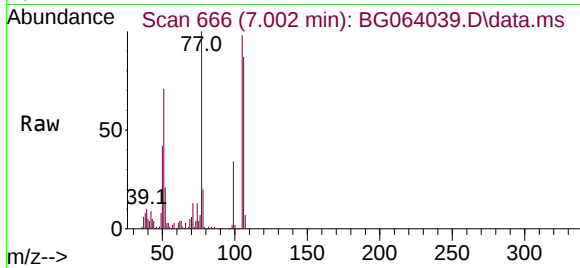




#9
Benzaldehyde
Concen: 47.394 ng
RT: 7.002 min Scan# 666
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

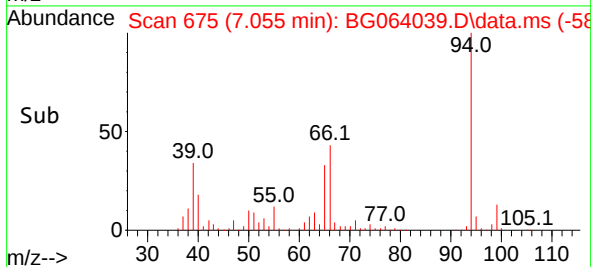
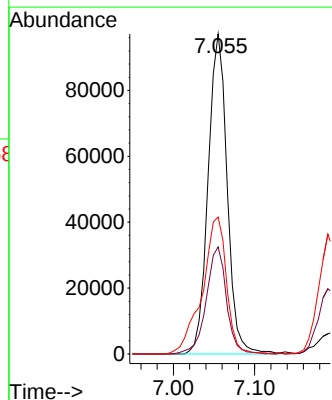
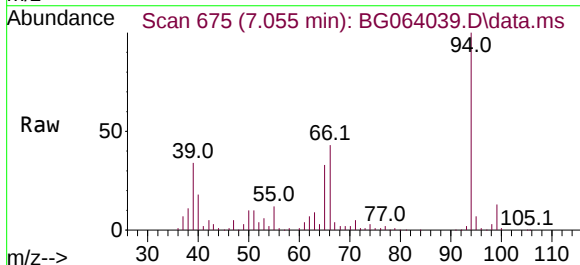
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BNA_G
ClientSampleId :

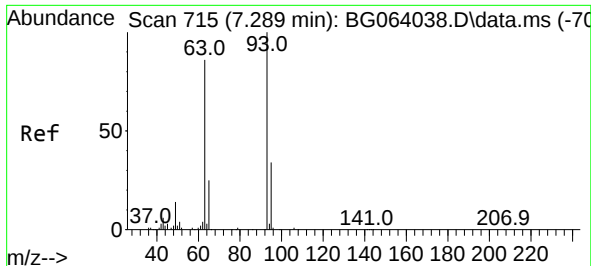
Tgt Ion: 77 Resp: 81575
Ion Ratio Lower Upper
77 100
105 98.2 72.0 112.0
106 86.6 68.0 108.0



#10
Phenol
Concen: 52.622 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion: 94 Resp: 158243
Ion Ratio Lower Upper
94 100
65 33.5 11.8 51.8
66 42.8 21.6 61.6

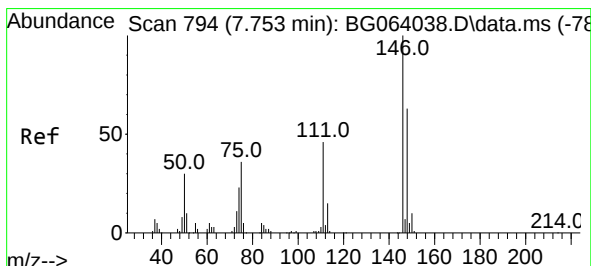
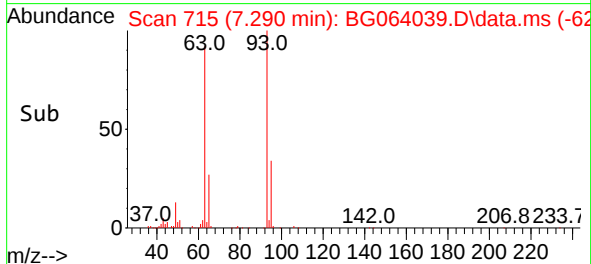
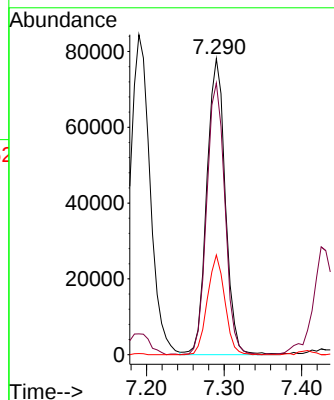
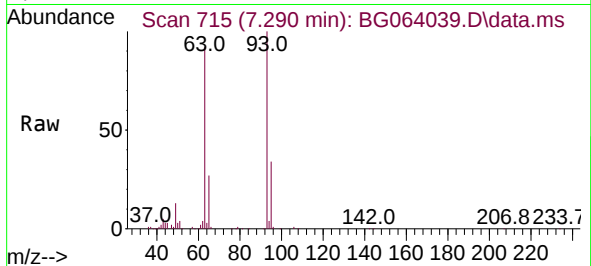




#11
bis(2-Chloroethyl)ether
Concen: 51.927 ng
RT: 7.290 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

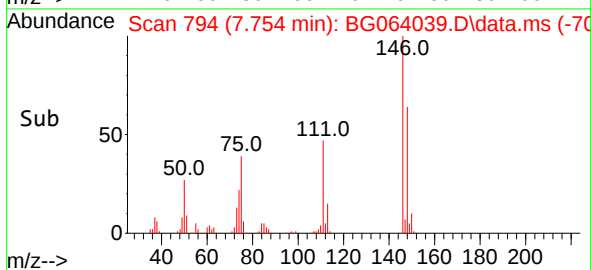
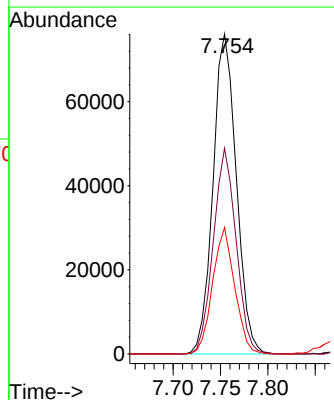
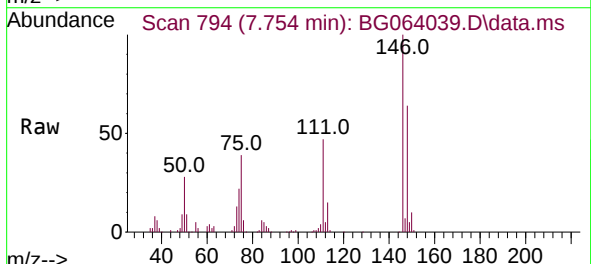
Instrument :
BNA_G
ClientSampleId :

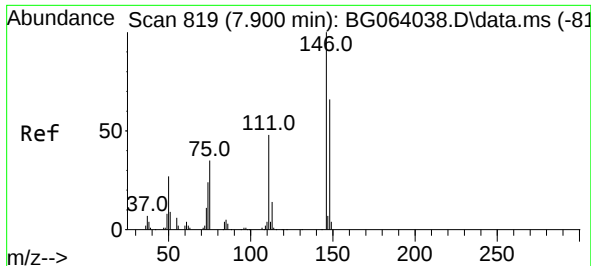
Tgt Ion: 93 Resp: 129556
Ion Ratio Lower Upper
93 100
63 91.8 65.7 105.7
95 33.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 50.144 ng
RT: 7.754 min Scan# 794
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

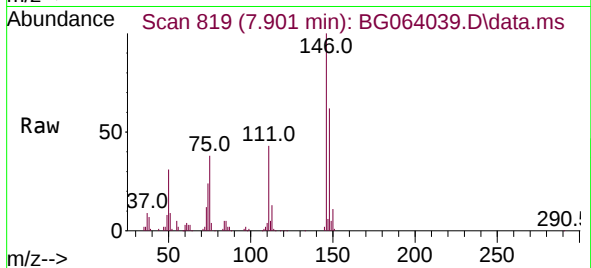
Tgt Ion:146 Resp: 129966
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
75 39.5 29.2 43.8



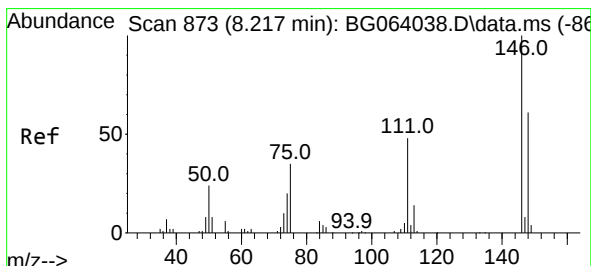
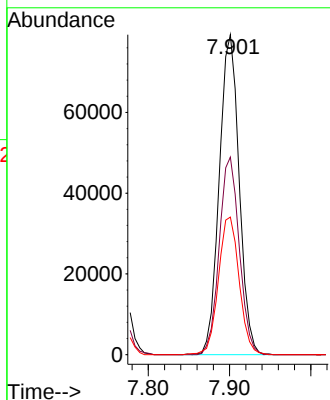
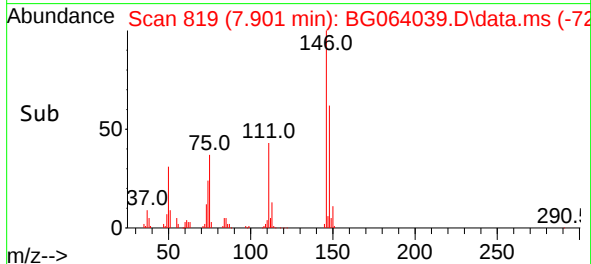


#13
1,4-Dichlorobenzene
Concen: 50.239 ng
RT: 7.901 min Scan# 819
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

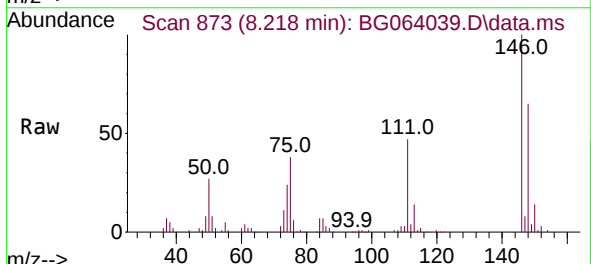
Instrument :
BNA_G
ClientSampleId :



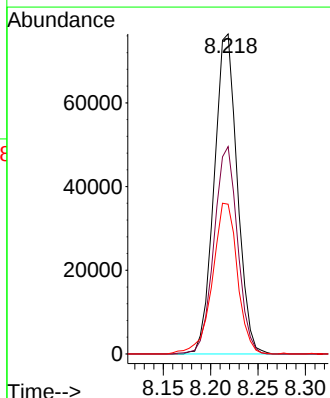
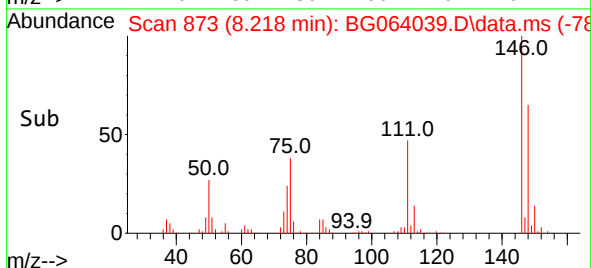
Tgt Ion:146 Resp: 134606
Ion Ratio Lower Upper
146 100
148 61.8 52.5 78.7
111 43.0 38.5 57.7

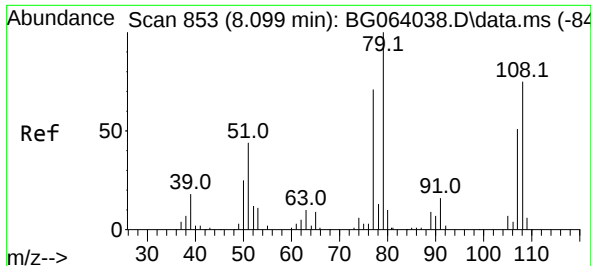


#14
1,2-Dichlorobenzene
Concen: 50.750 ng
RT: 8.218 min Scan# 873
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39



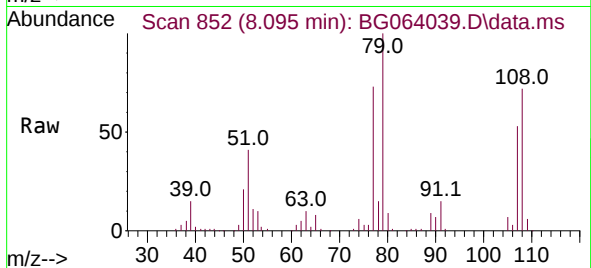
Tgt Ion:146 Resp: 129822
Ion Ratio Lower Upper
146 100
148 64.8 48.8 73.2
111 46.8 38.8 58.2



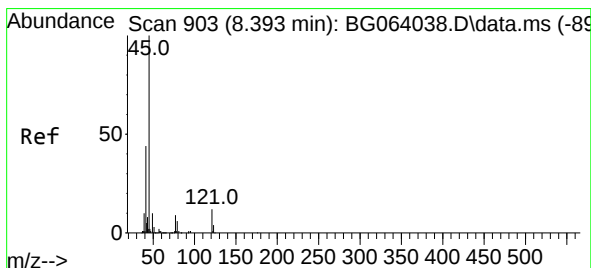
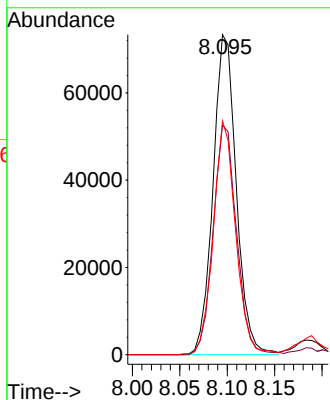
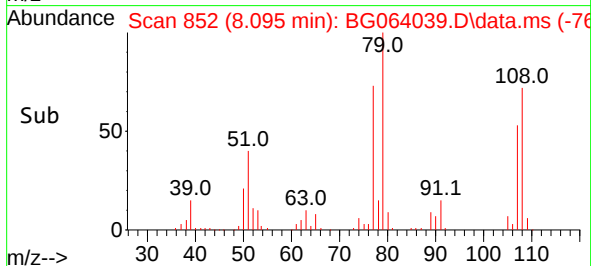


#15
Benzyl Alcohol
Concen: 52.742 ng
RT: 8.095 min Scan# 853
Delta R.T. -0.004 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Instrument :
BNA_G
ClientSampleId :

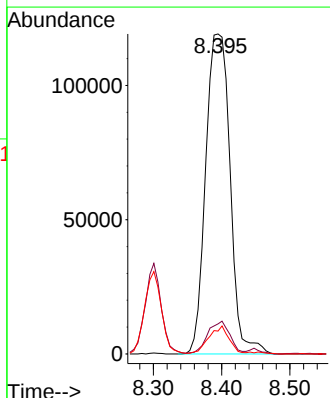
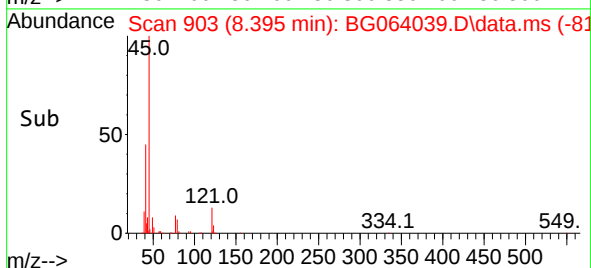
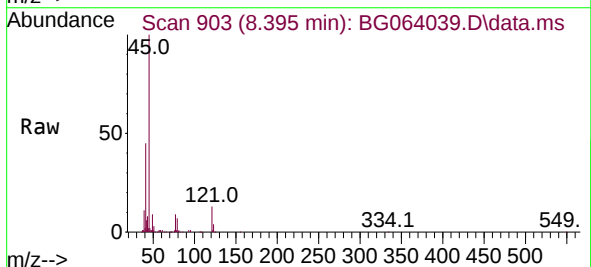


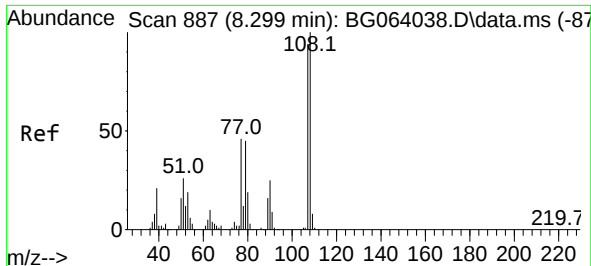
Tgt Ion: 79 Resp: 124976
Ion Ratio Lower Upper
79 100
108 71.7 60.0 90.0
77 73.0 56.9 85.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 52.873 ng
RT: 8.395 min Scan# 903
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion: 45 Resp: 297124
Ion Ratio Lower Upper
45 100
77 9.4 0.0 29.8
79 7.2 0.0 26.5





#17

2-Methylphenol

Concen: 54.197 ng

RT: 8.301 min Scan# 887

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:107 Resp: 109680

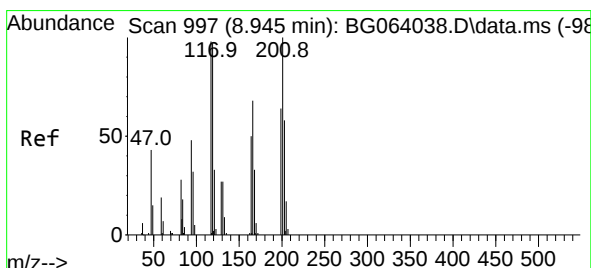
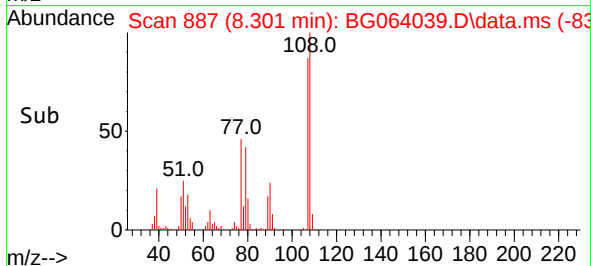
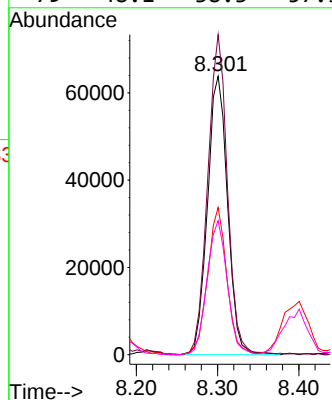
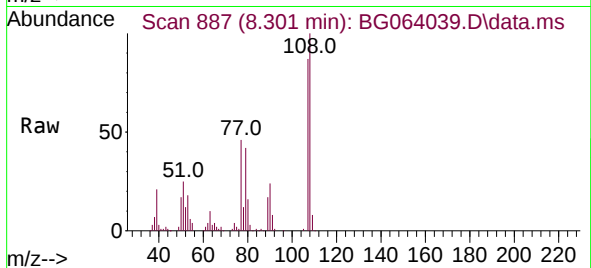
Ion Ratio Lower Upper

107 100

108 114.9 85.5 128.3

77 52.9 39.0 58.4

79 48.1 38.3 57.5



#18

Hexachloroethane

Concen: 54.130 ng

RT: 8.947 min Scan# 997

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

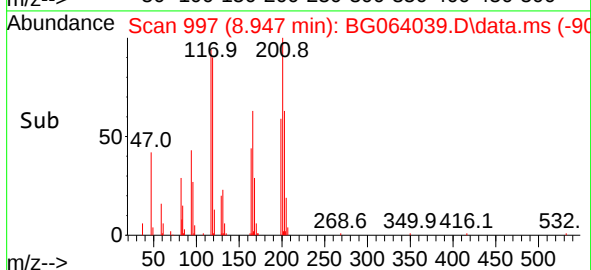
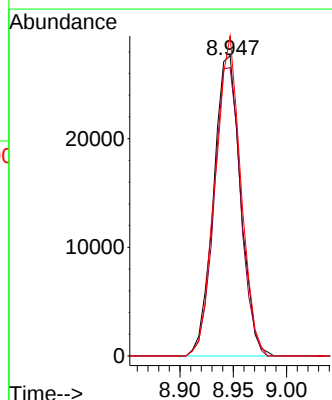
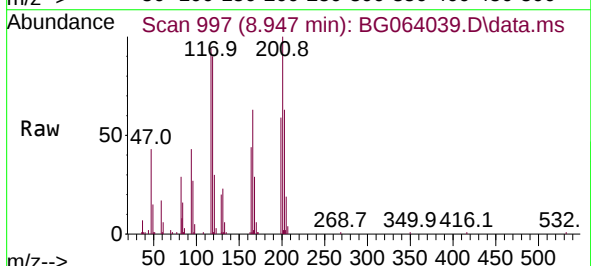
Tgt Ion:117 Resp: 48604

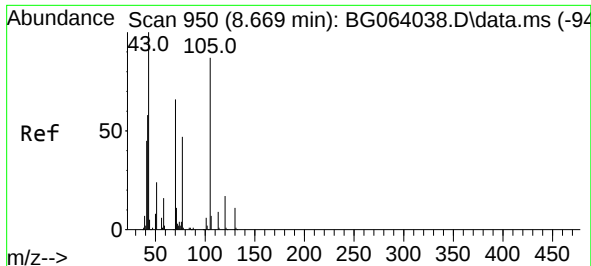
Ion Ratio Lower Upper

117 100

119 96.0 78.6 117.8

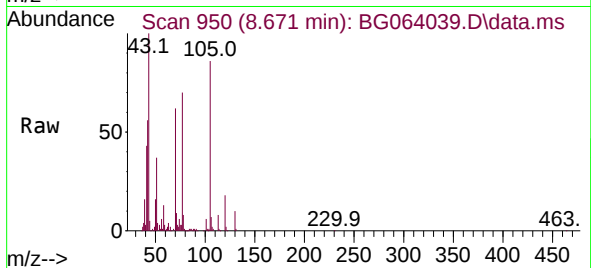
201 108.7 81.1 121.7



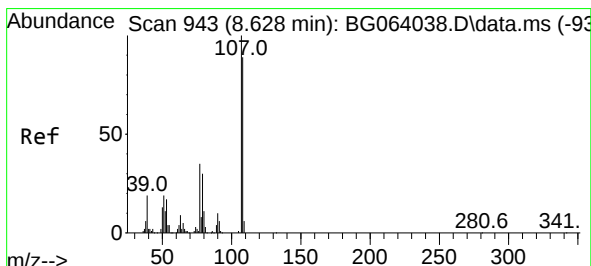
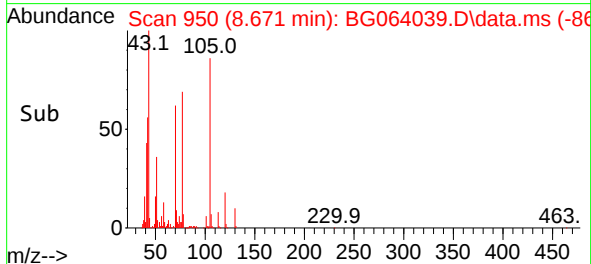
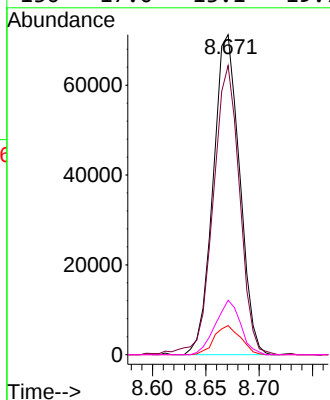


#19
n-Nitroso-di-n-propylamine
Concen: 54.324 ng
RT: 8.671 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Instrument :
BNA_G
ClientSampleId :

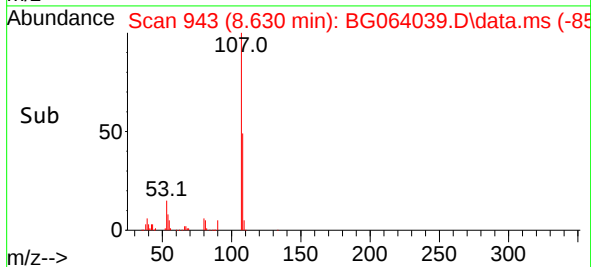
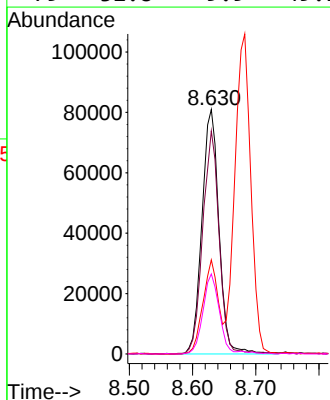
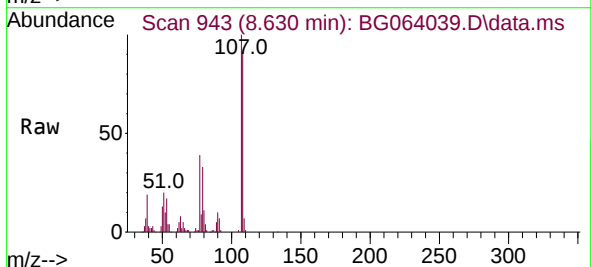


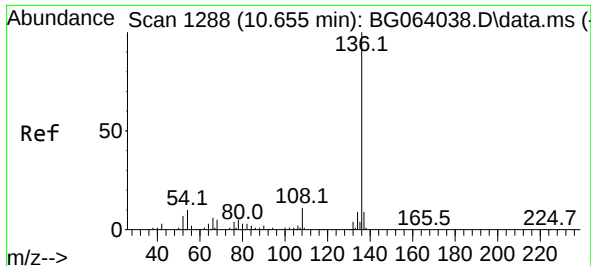
Tgt Ion:	70	Resp:	122877
Ion	Ratio	Lower	Upper
70	100		
42	90.3	71.0	106.6
101	9.1	7.3	10.9
130	17.0	13.1	19.7



#20
3+4-Methylphenols
Concen: 52.315 ng
RT: 8.630 min Scan# 943
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

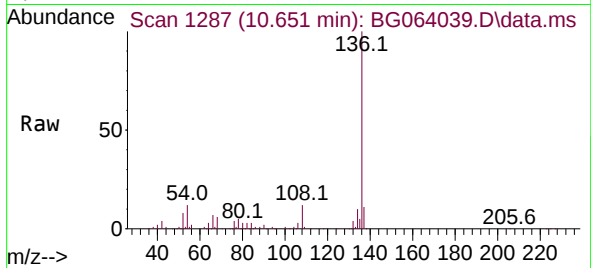
Tgt Ion:	107	Resp:	151915
Ion	Ratio	Lower	Upper
107	100		
108	91.2	69.3	109.3
77	38.5	14.7	54.7
79	32.8	9.9	49.9



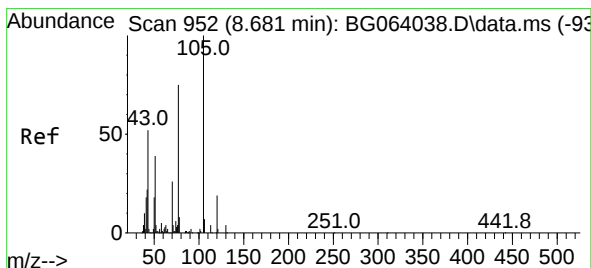
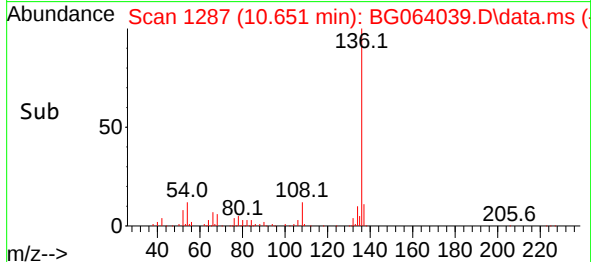
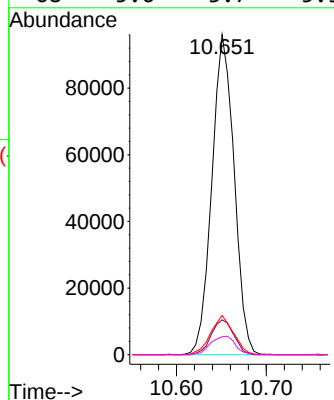


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Instrument :
BNA_G
ClientSampleId :

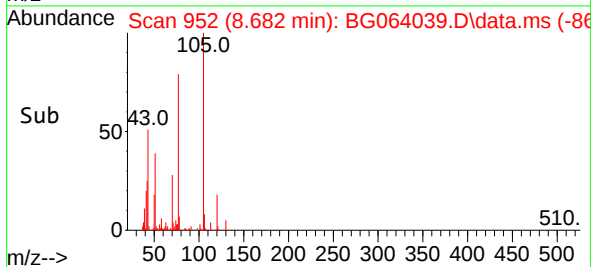
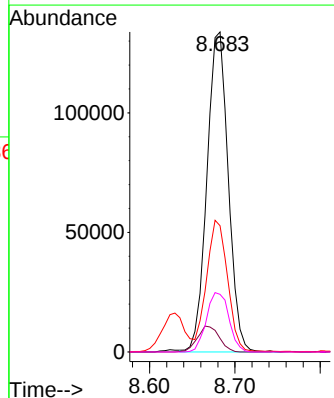
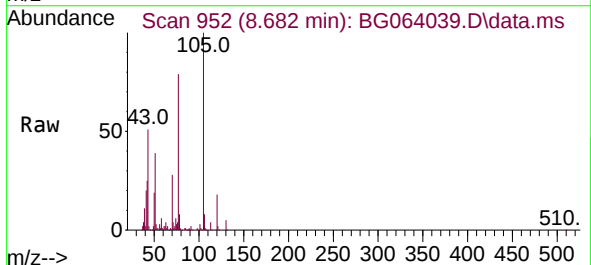


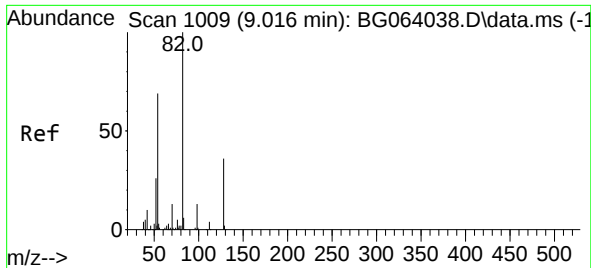
Tgt Ion:136 Resp: 165283
Ion Ratio Lower Upper
136 100
137 10.9 7.3 10.9
54 12.3 8.2 12.4
68 5.6 3.7 5.5#



#22
Acetophenone
Concen: 50.967 ng
RT: 8.682 min Scan# 952
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:105 Resp: 232464
Ion Ratio Lower Upper
105 100
71 4.3 3.2 4.8
51 39.4 32.0 48.0
120 18.0 15.3 22.9

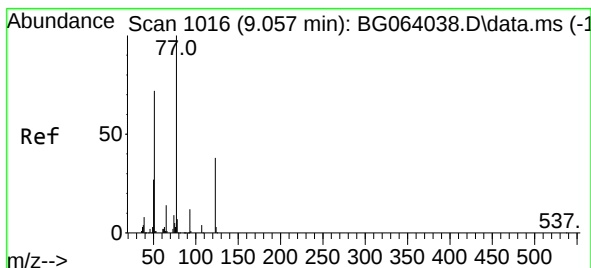
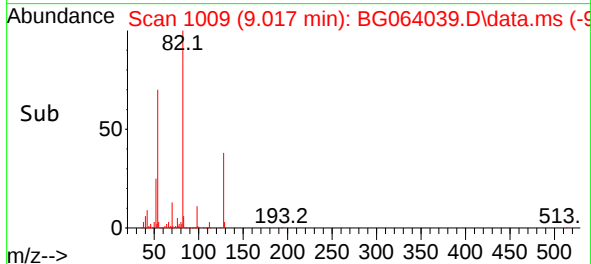
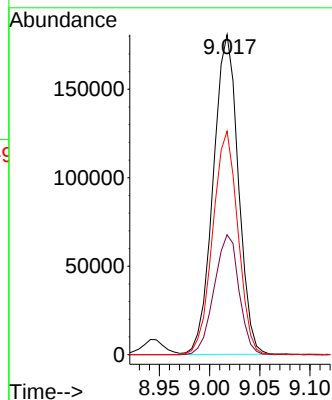
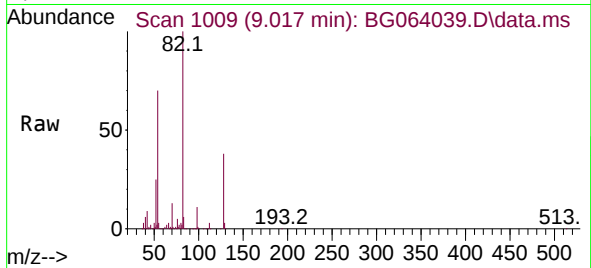




#23
Nitrobenzene-d5
Concen: 110.401 ng
RT: 9.017 min Scan# 1009
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

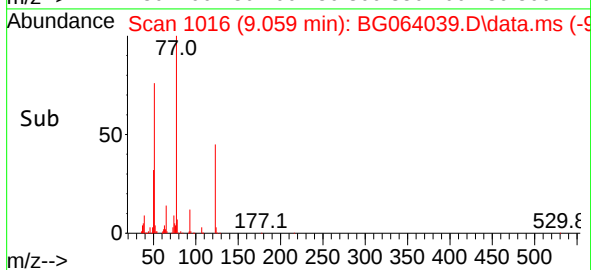
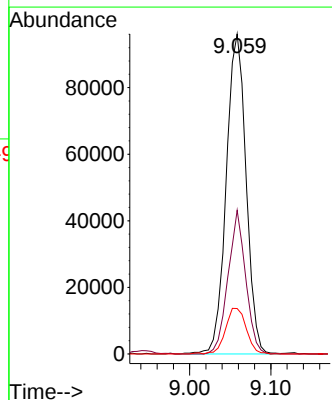
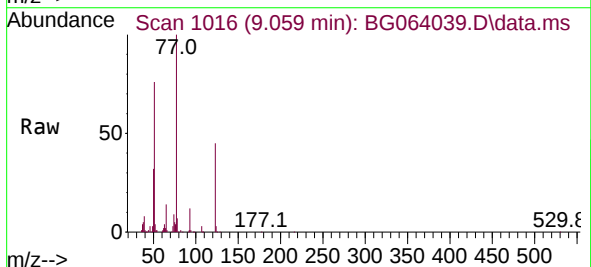
Instrument :
BNA_G
ClientSampleId :

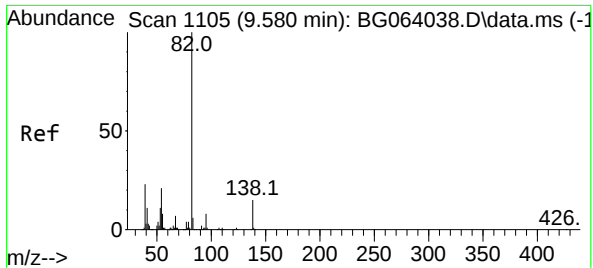
Tgt Ion: 82 Resp: 313955
Ion Ratio Lower Upper
82 100
128 37.5 28.3 42.5
54 69.8 55.4 83.0



#24
Nitrobenzene
Concen: 54.367 ng
RT: 9.059 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion: 77 Resp: 163121
Ion Ratio Lower Upper
77 100
123 44.9 30.1 45.1
65 14.2 11.1 16.7

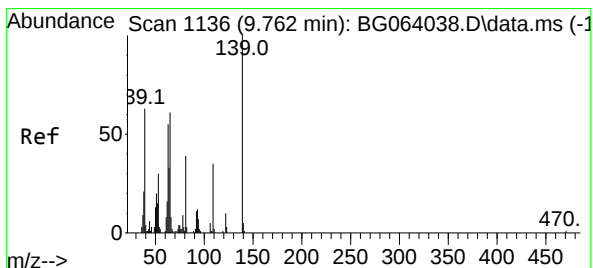
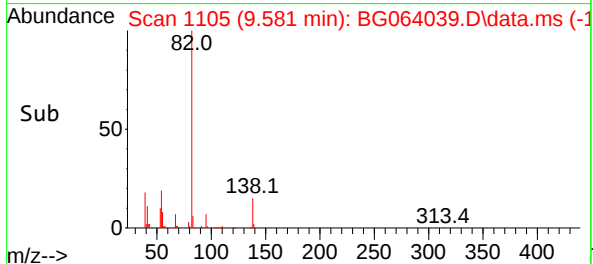
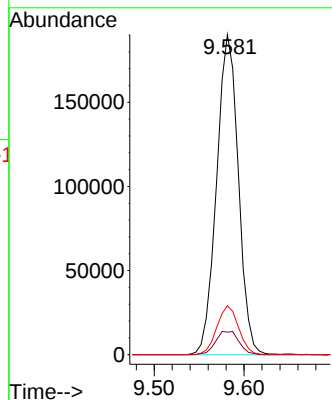
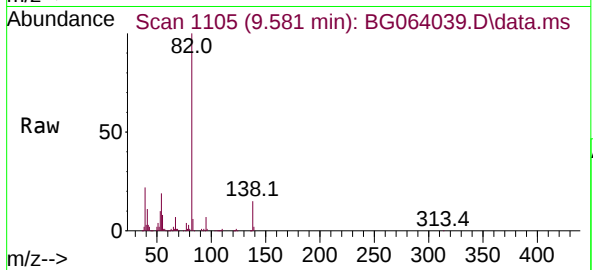




#25
Isophorone
Concen: 52.965 ng
RT: 9.581 min Scan# 1105
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

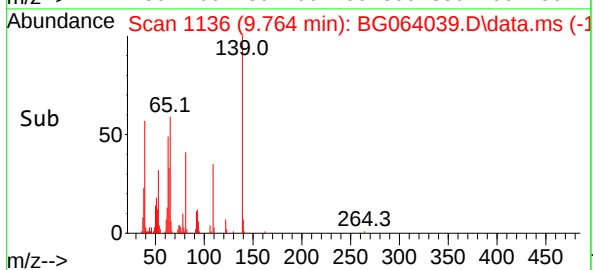
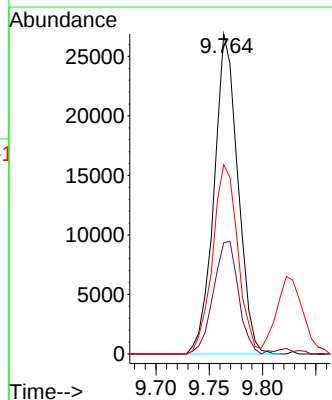
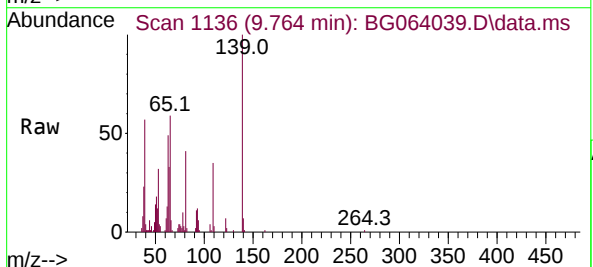
Instrument :
BNA_G
ClientSampleId :

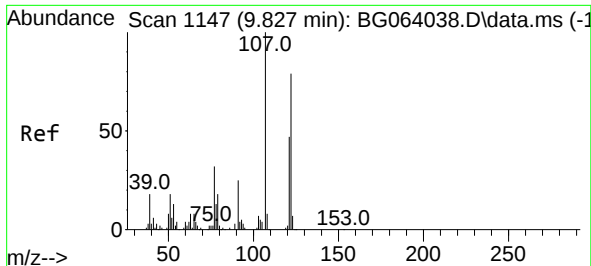
Tgt Ion: 82 Resp: 320054
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 15.3 12.1 18.1



#26
2-Nitrophenol
Concen: 50.035 ng
RT: 9.764 min Scan# 1136
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion: 139 Resp: 41710
Ion Ratio Lower Upper
139 100
109 34.8 28.1 42.1
65 59.2 49.1 73.7





#27

2,4-Dimethylphenol

Concen: 55.763 ng

RT: 9.828 min Scan# 1147

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

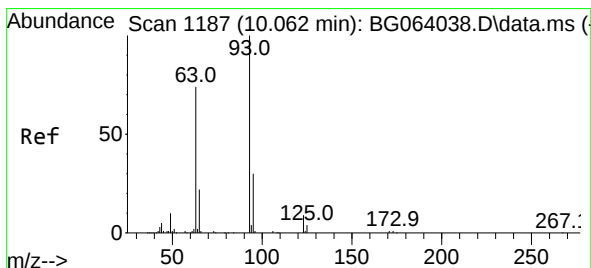
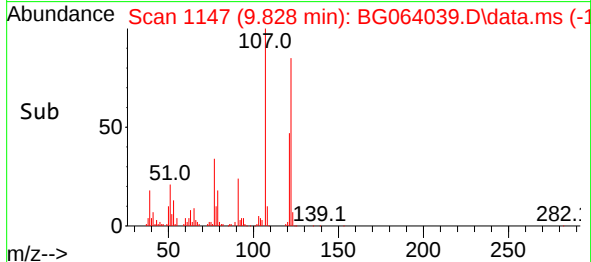
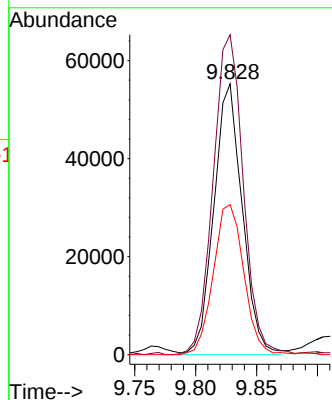
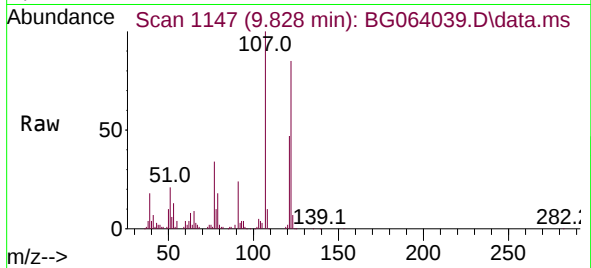
Tgt Ion:122 Resp: 89581

Ion Ratio Lower Upper

122 100

107 118.1 101.2 151.8

121 55.4 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 50.994 ng

RT: 10.063 min Scan# 1187

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

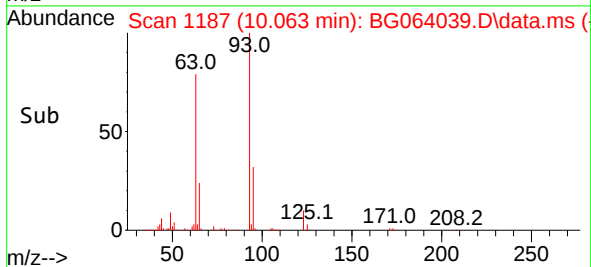
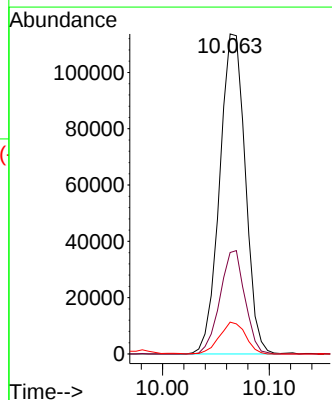
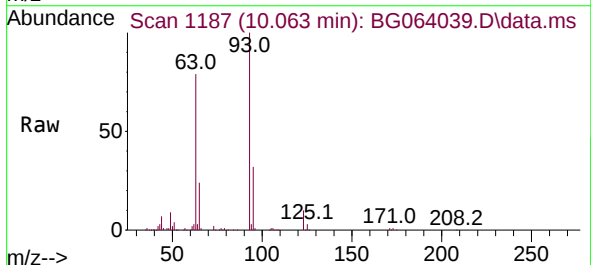
Tgt Ion: 93 Resp: 189457

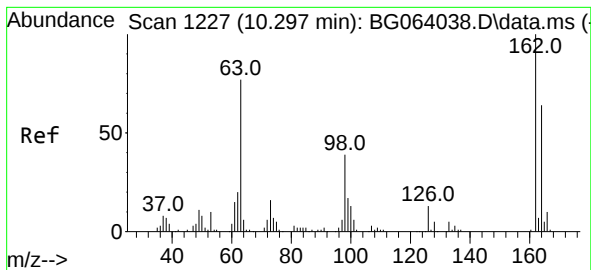
Ion Ratio Lower Upper

93 100

95 31.7 23.8 35.6

123 9.9 7.0 10.4

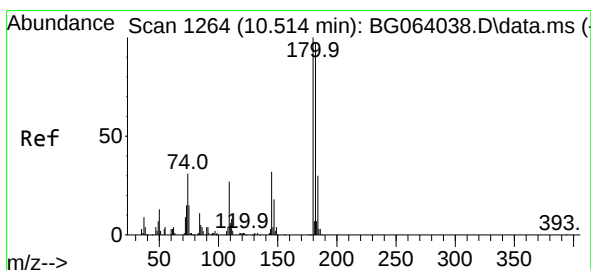
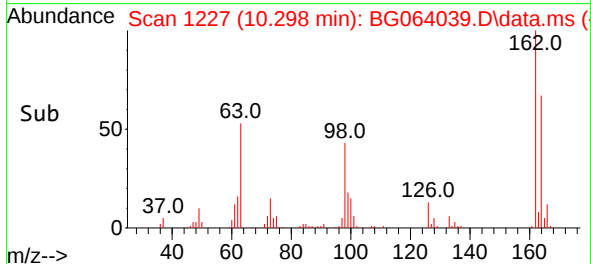
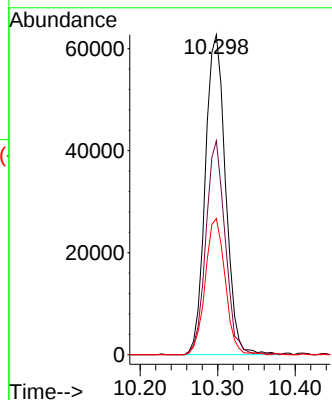
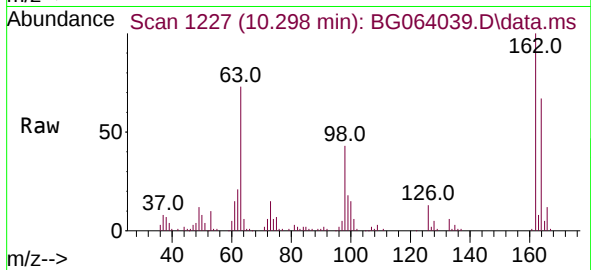




#29
2,4-Dichlorophenol
Concen: 48.559 ng
RT: 10.298 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

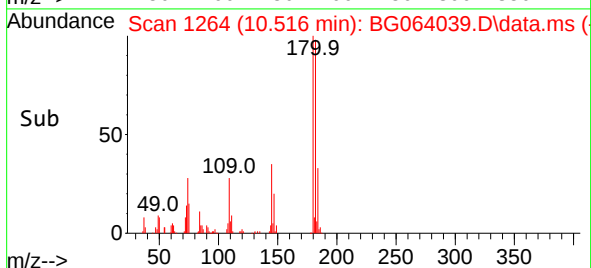
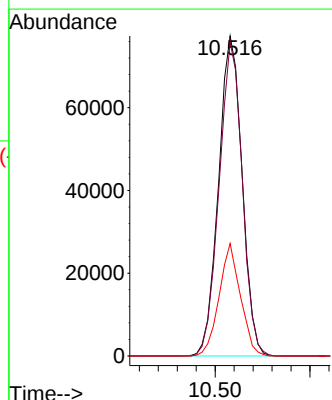
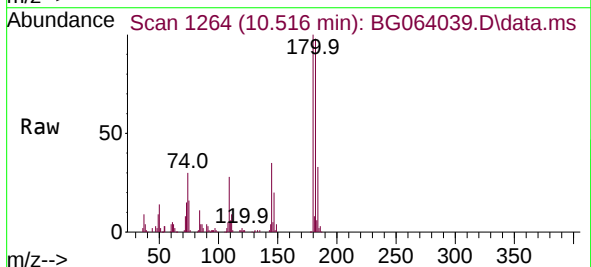
Instrument :
BNA_G
ClientSampleId :

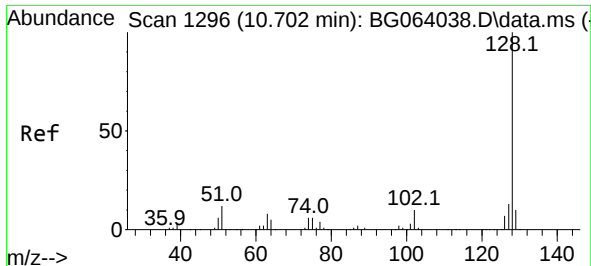
Tgt Ion:162 Resp: 113705
Ion Ratio Lower Upper
162 100
164 66.8 44.4 84.4
98 42.5 19.3 59.3



#30
1,2,4-Trichlorobenzene
Concen: 49.465 ng
RT: 10.516 min Scan# 1264
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

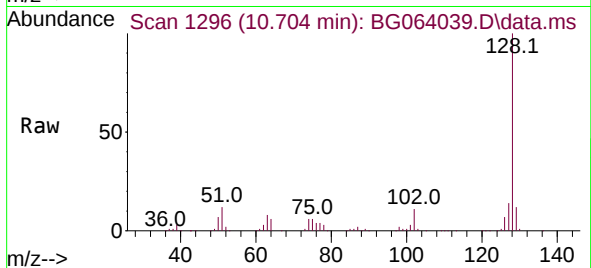
Tgt Ion:180 Resp: 133360
Ion Ratio Lower Upper
180 100
182 98.1 77.6 116.4
145 35.2 25.3 37.9



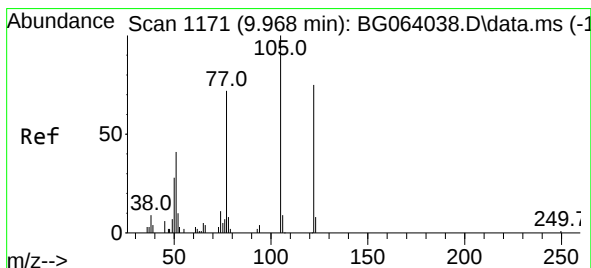
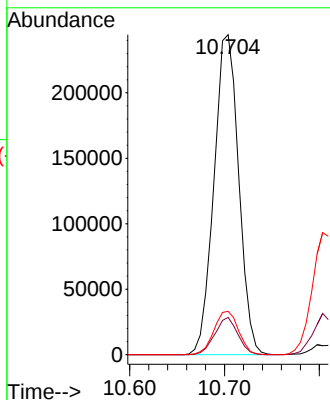
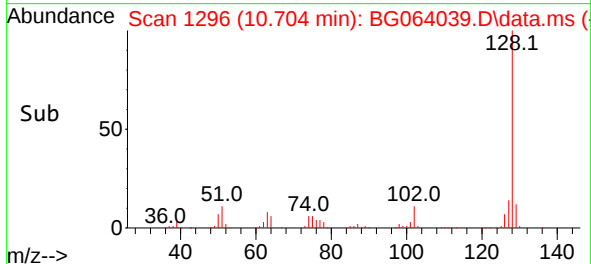


#31
Naphthalene
Concen: 49.800 ng
RT: 10.704 min Scan# 1171
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Instrument :
BNA_G
ClientSampleId :

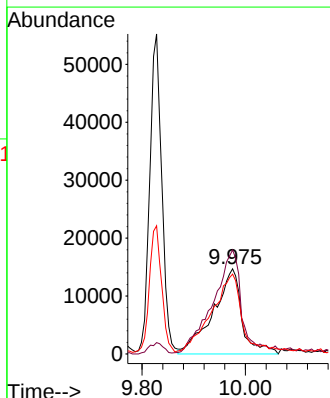
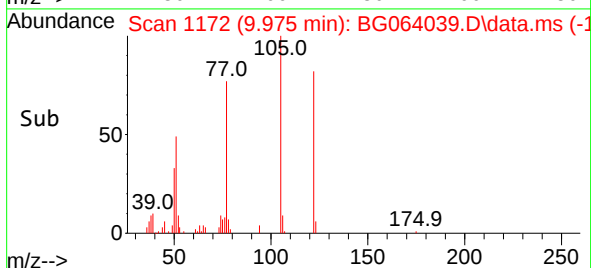
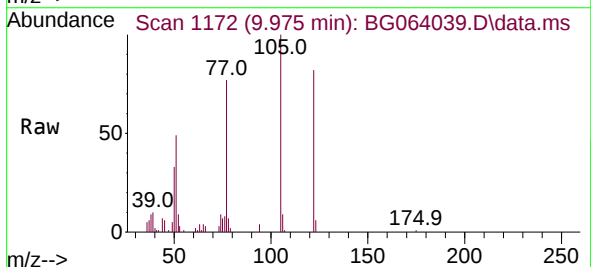


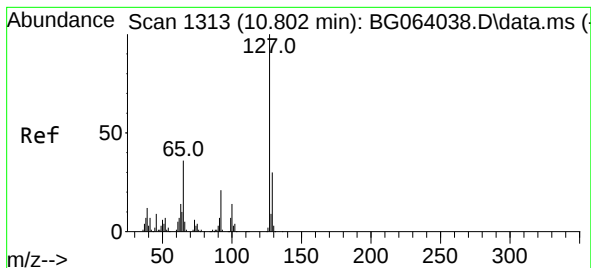
Tgt Ion:128 Resp: 443339
Ion Ratio Lower Upper
128 100
129 11.6 8.2 12.4
127 13.6 10.6 15.8



#32
Benzoic acid
Concen: 50.238 ng
RT: 9.975 min Scan# 1172
Delta R.T. 0.007 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

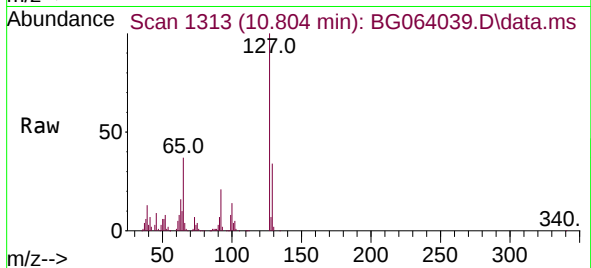
Tgt Ion:122 Resp: 56743
Ion Ratio Lower Upper
122 100
105 122.2 106.2 146.2
77 93.8 72.8 112.8



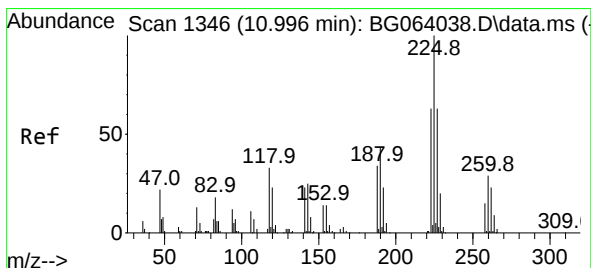
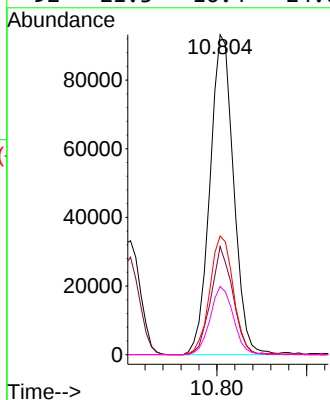
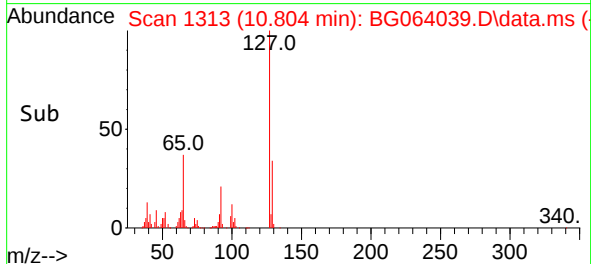


#33
4-Chloroaniline
Concen: 51.767 ng
RT: 10.804 min Scan# 1313
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

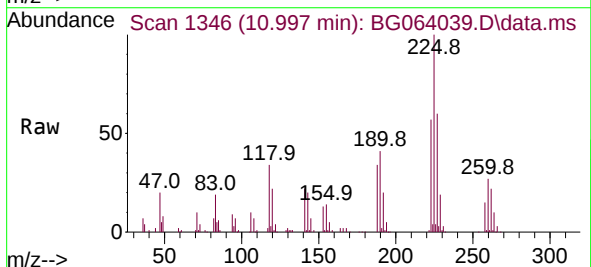
Instrument :
BNA_G
ClientSampleId :



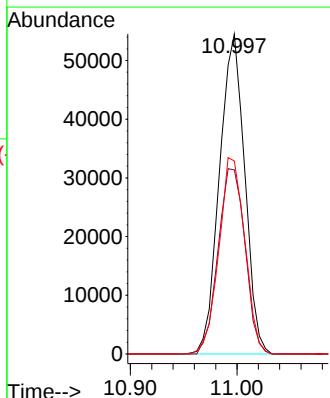
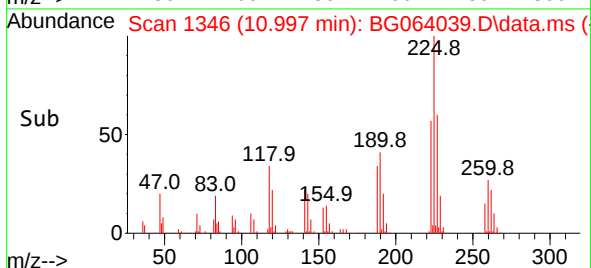
Tgt Ion:	127	Resp:	170615
Ion	Ratio	Lower	Upper
127	100		
129	33.8	24.3	36.5
65	37.1	28.6	42.8
92	21.3	16.4	24.6

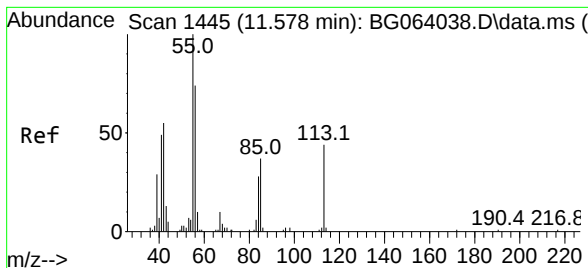


#34
Hexachlorobutadiene
Concen: 51.158 ng
RT: 10.997 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39



Tgt Ion:	225	Resp:	89666
Ion	Ratio	Lower	Upper
225	100		
223	57.5	50.3	75.5
227	60.3	50.3	75.5





#35

Caprolactam

Concen: 53.142 ng

RT: 11.573 min Scan# 1445

Delta R.T. -0.005 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

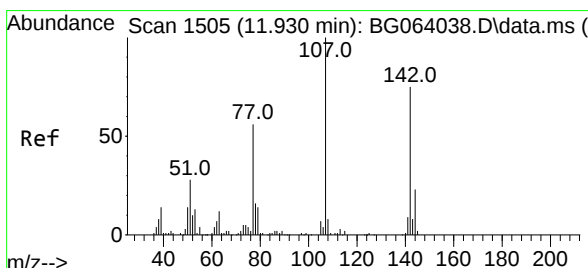
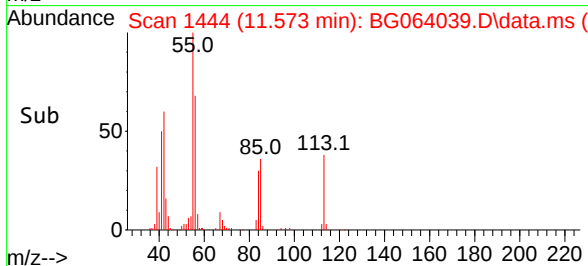
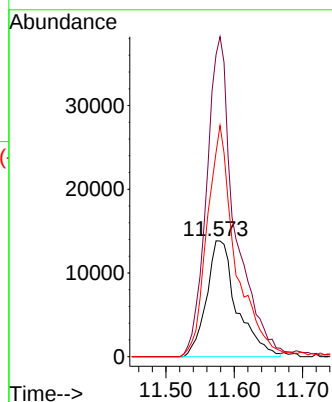
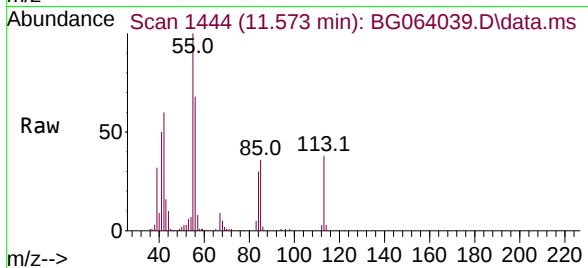
Tgt Ion:113 Resp: 42712

Ion Ratio Lower Upper

113 100

55 260.4 209.7 249.7#

56 176.1 149.2 189.2



#36

4-Chloro-3-methylphenol

Concen: 55.075 ng

RT: 11.932 min Scan# 1505

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

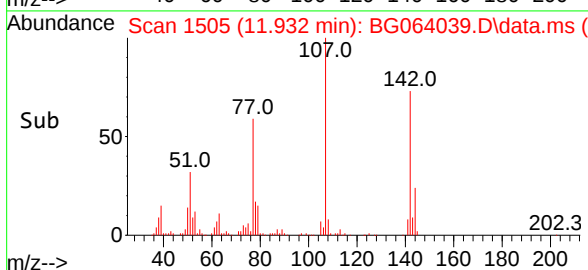
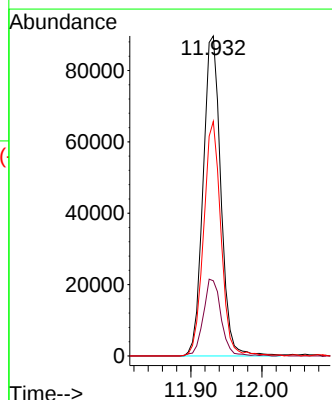
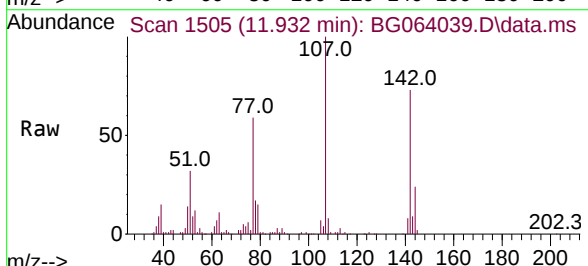
Tgt Ion:107 Resp: 155592

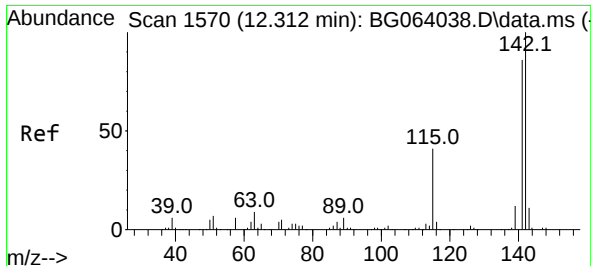
Ion Ratio Lower Upper

107 100

144 23.5 18.7 28.1

142 73.3 60.3 90.5

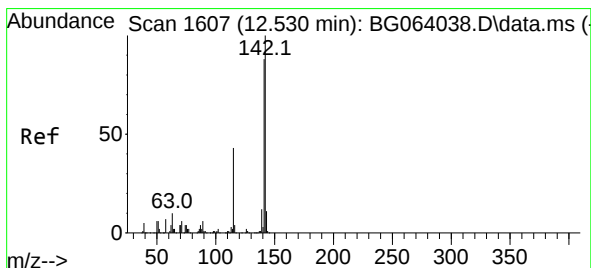
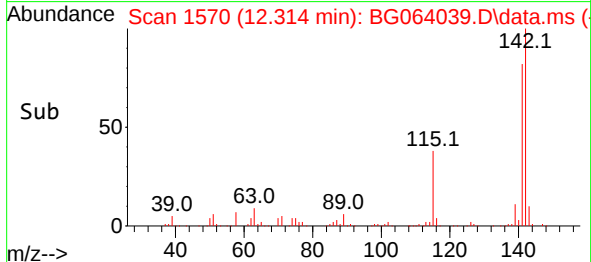
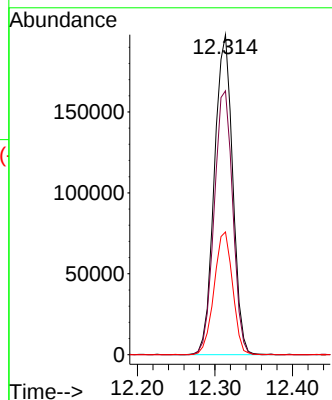
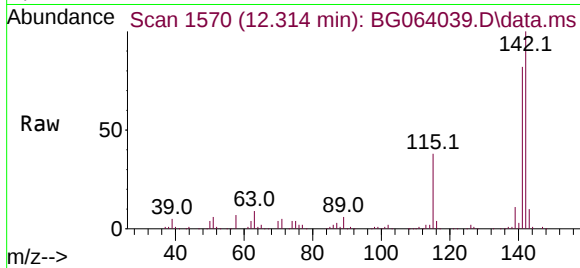




#37
2-Methylnaphthalene
Concen: 50.506 ng
RT: 12.314 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

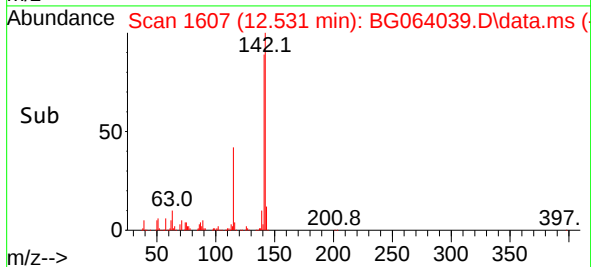
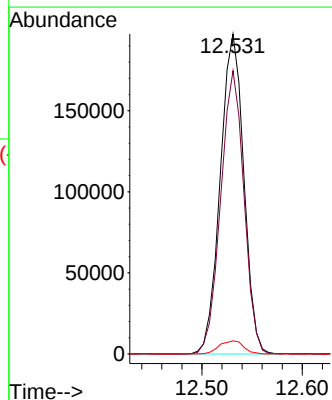
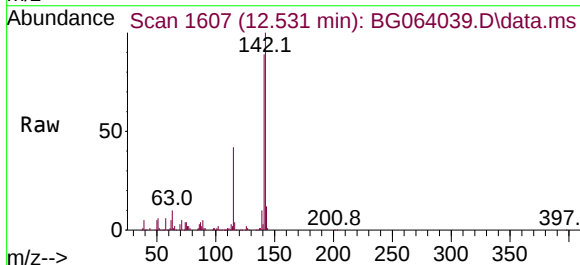
Instrument :
BNA_G
ClientSampleId :

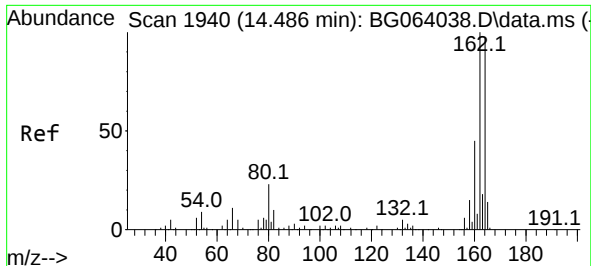
Tgt Ion:142 Resp: 324443
Ion Ratio Lower Upper
142 100
141 82.4 69.1 103.7
115 38.3 33.1 49.7



#38
1-Methylnaphthalene
Concen: 49.993 ng
RT: 12.531 min Scan# 1607
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:142 Resp: 320629
Ion Ratio Lower Upper
142 100
141 88.5 70.2 105.2
116 4.1 3.4 5.2

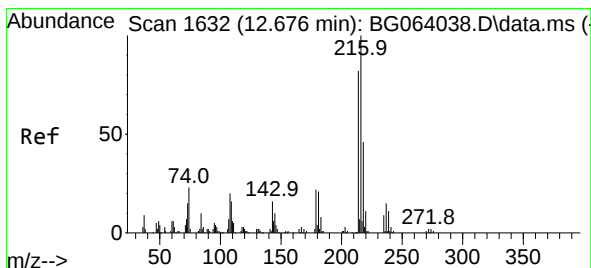
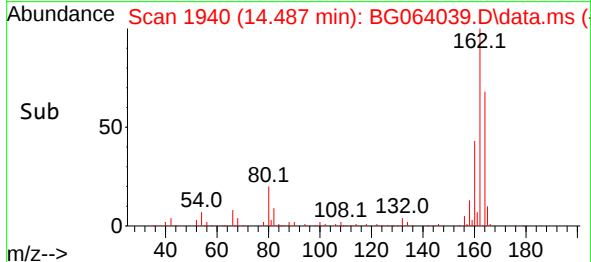
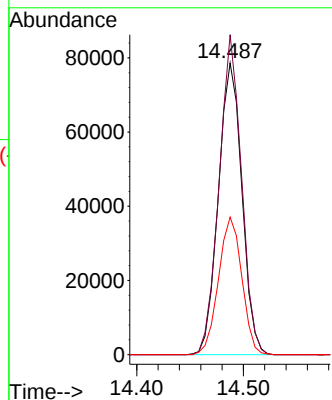
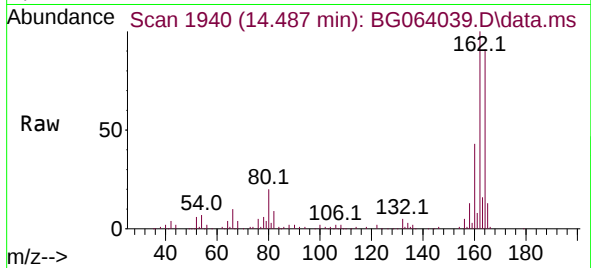




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1940
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

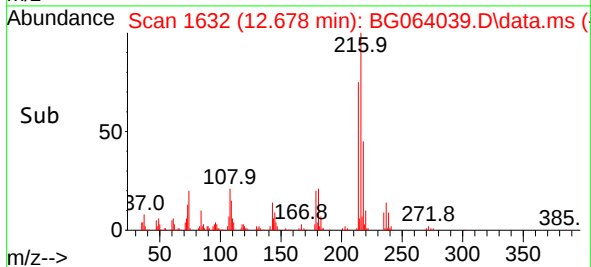
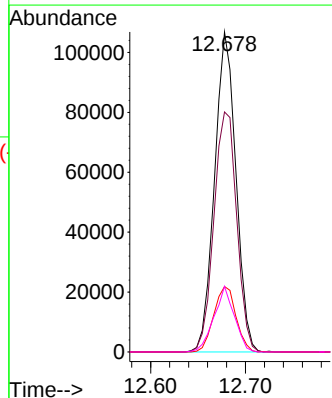
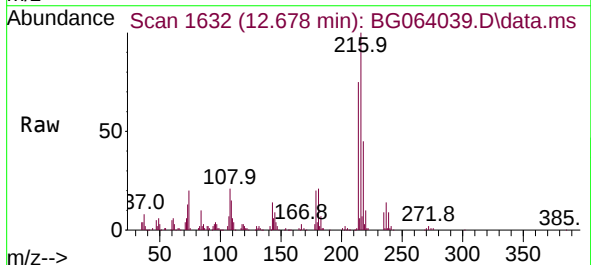
Instrument :
BNA_G
ClientSampleId :

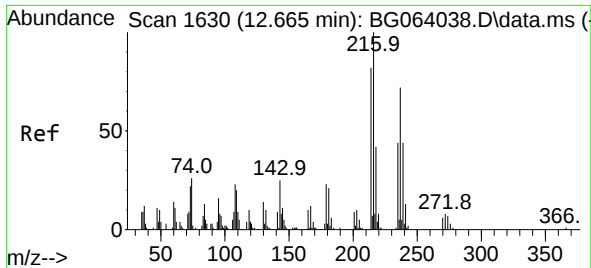
Tgt Ion:164 Resp: 120313
Ion Ratio Lower Upper
164 100
162 109.7 82.7 124.1
160 47.2 37.4 56.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.129 ng
RT: 12.678 min Scan# 1632
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

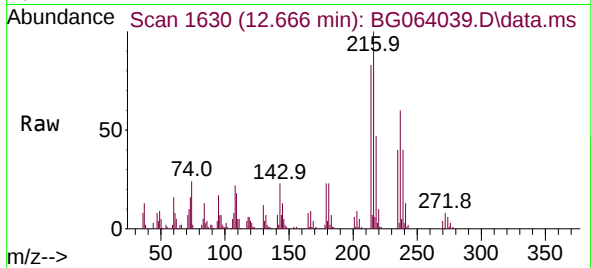
Tgt Ion:216 Resp: 167431
Ion Ratio Lower Upper
216 100
214 80.0 64.9 97.3
179 21.3 17.5 26.3
108 19.6 15.5 23.3



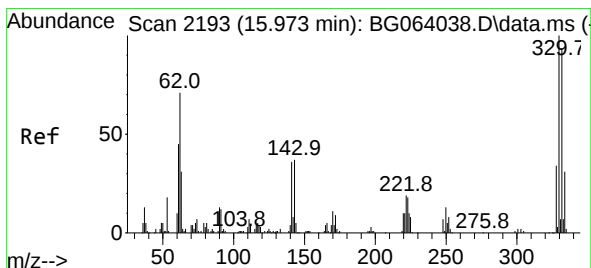
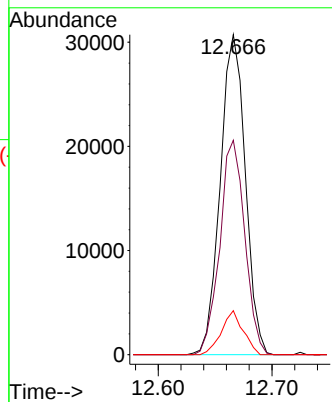
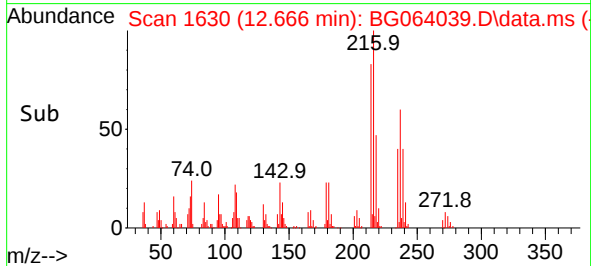


#41
Hexachlorocyclopentadiene
Concen: 52.717 ng
RT: 12.666 min Scan# 1630
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

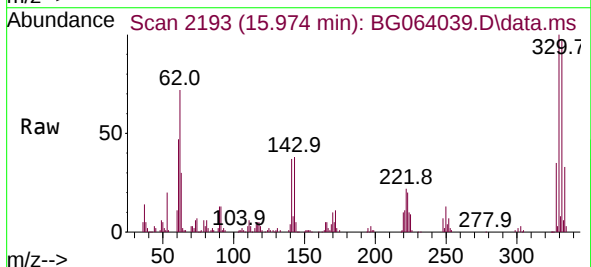
Instrument :
BNA_G
ClientSampleId :



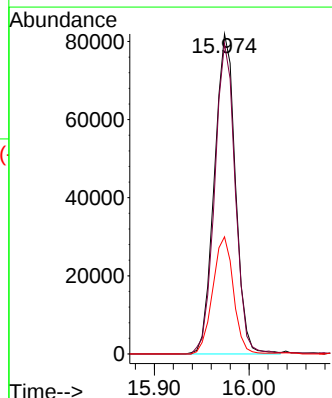
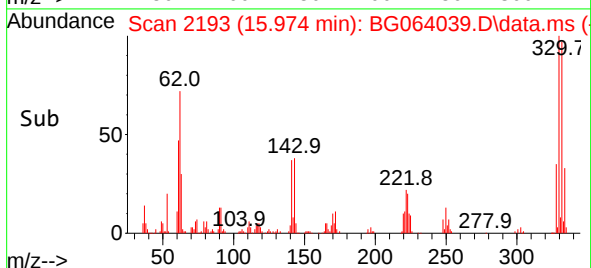
Tgt Ion:237 Resp: 47007
Ion Ratio Lower Upper
237 100
235 67.0 41.2 81.2
272 13.8 0.0 30.6

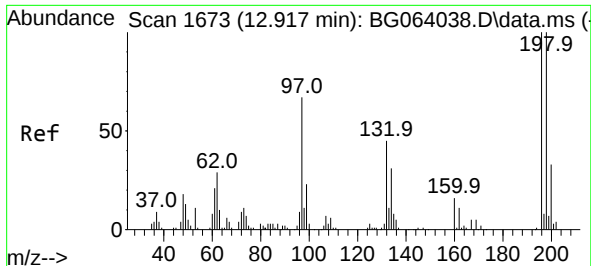


#42
2,4,6-Tribromophenol
Concen: 95.709 ng
RT: 15.974 min Scan# 2193
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39



Tgt Ion:330 Resp: 126135
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 36.1 28.9 43.3

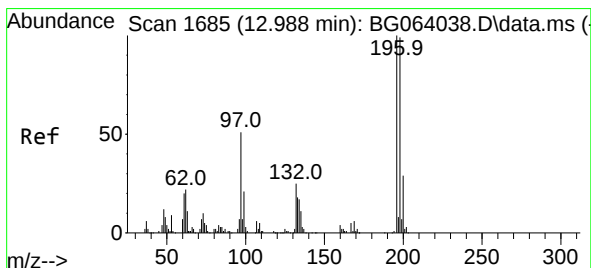
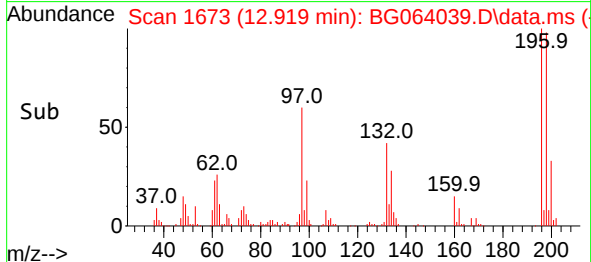
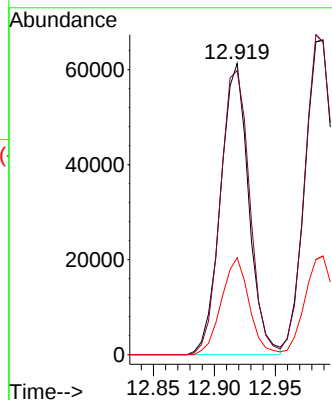
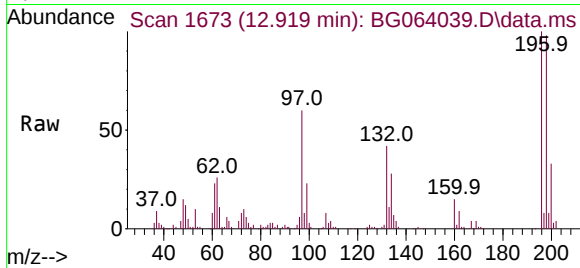




#43
2,4,6-Trichlorophenol
Concen: 47.870 ng
RT: 12.919 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

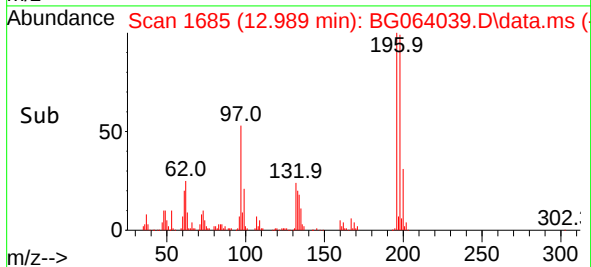
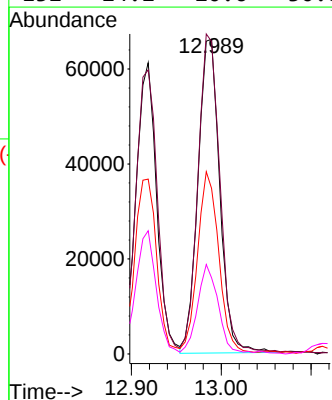
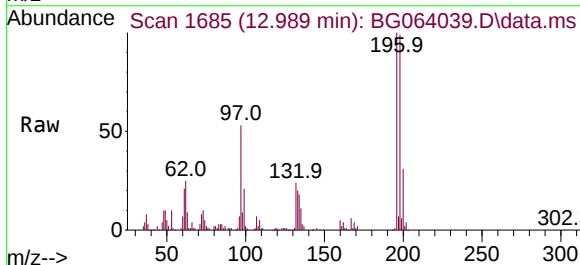
Instrument :
BNA_G
ClientSampleId :

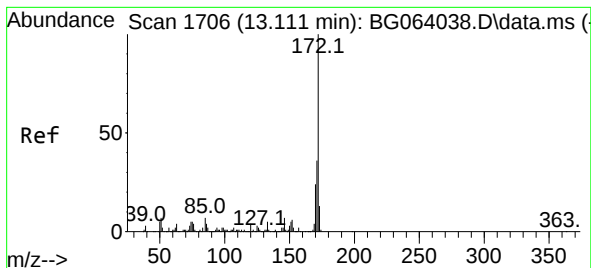
Tgt Ion:196 Resp: 98879
Ion Ratio Lower Upper
196 100
198 97.5 79.9 119.9
200 33.3 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 48.338 ng
RT: 12.989 min Scan# 1685
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:196 Resp: 111430
Ion Ratio Lower Upper
196 100
198 99.3 78.2 117.4
97 52.6 40.7 61.1
132 24.2 20.6 30.8





#45

2-Fluorobiphenyl

Concen: 97.914 ng

RT: 13.113 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

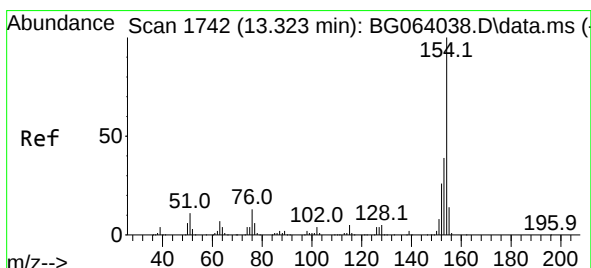
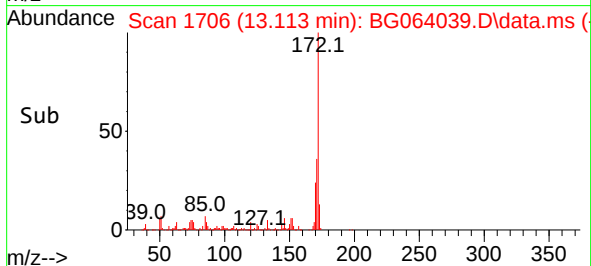
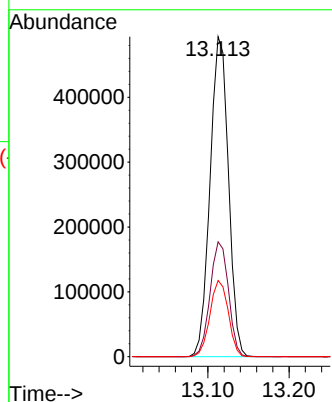
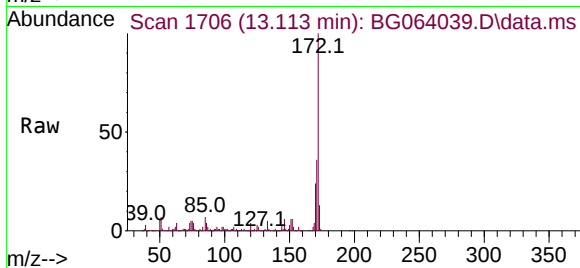
Tgt Ion:172 Resp: 774302

Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.4

170 23.8 19.5 29.3



#46

1,1'-Biphenyl

Concen: 48.983 ng

RT: 13.324 min Scan# 1742

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

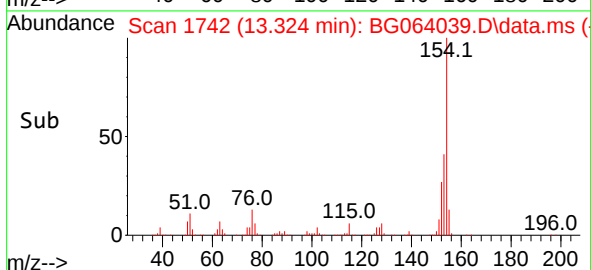
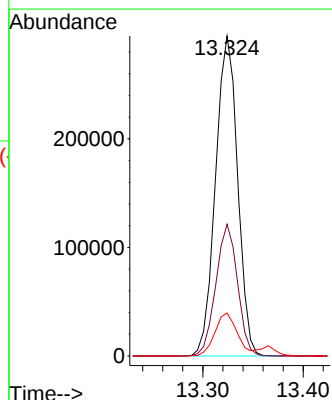
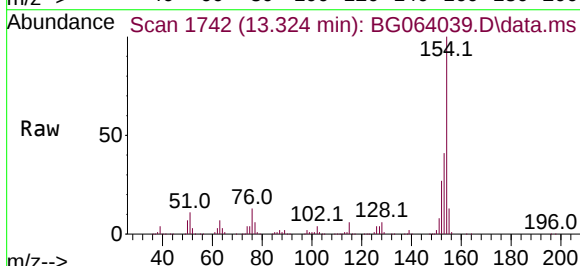
Tgt Ion:154 Resp: 449369

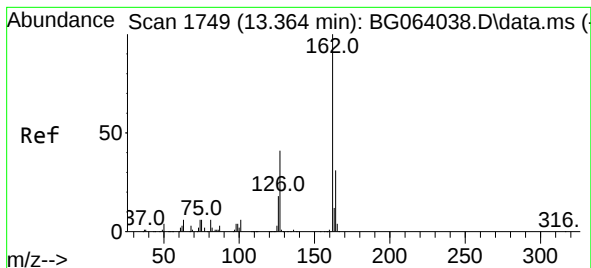
Ion Ratio Lower Upper

154 100

153 41.1 19.0 59.0

76 13.4 0.0 33.2





#47

2-Chloronaphthalene

Concen: 49.609 ng

RT: 13.365 min Scan# 1

Delta R.T. 0.001 min

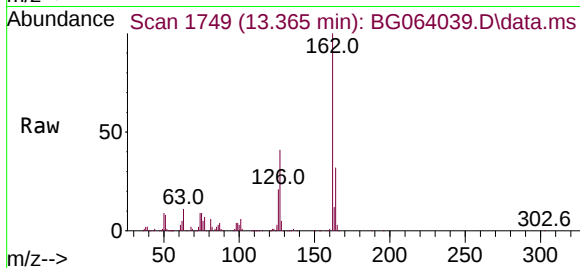
Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :



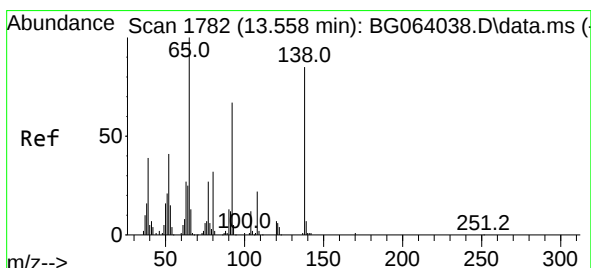
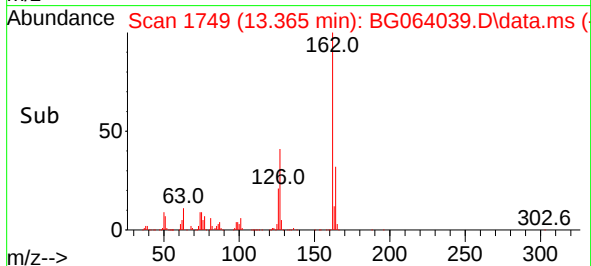
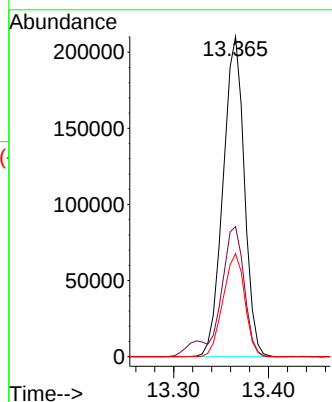
Tgt Ion:162 Resp: 327436

Ion Ratio Lower Upper

162 100

127 40.7 34.5 51.7

164 32.2 25.2 37.8



#48

2-Nitroaniline

Concen: 49.329 ng

RT: 13.559 min Scan# 1782

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

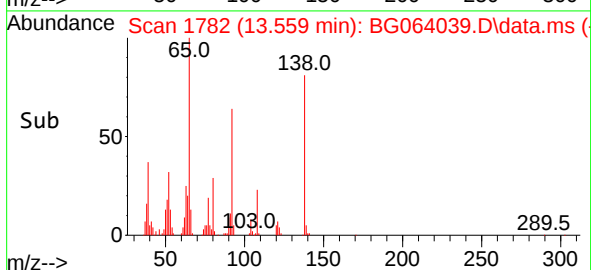
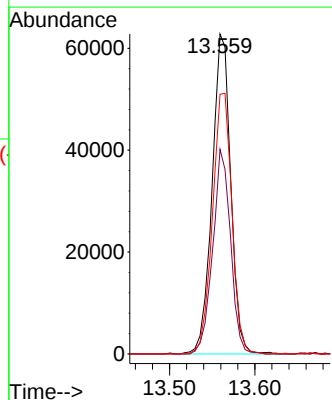
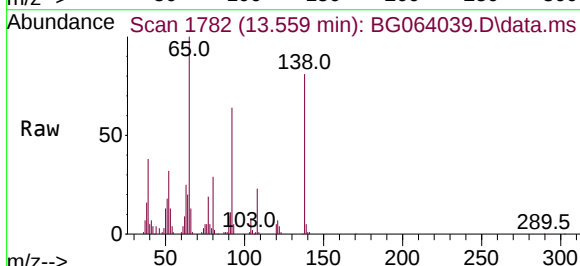
Tgt Ion: 65 Resp: 94992

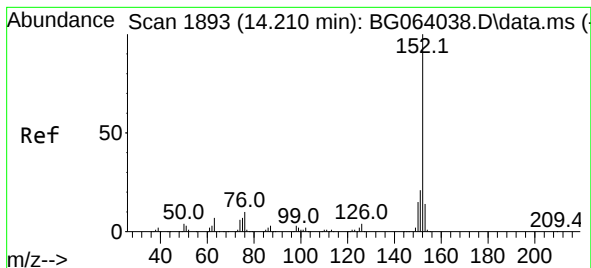
Ion Ratio Lower Upper

65 100

92 64.0 53.8 80.6

138 81.2 68.0 102.0





#49

Acenaphthylene

Concen: 49.669 ng

RT: 14.211 min Scan# 1893

Delta R.T. 0.001 min

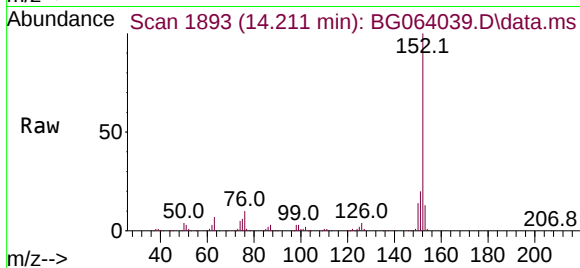
Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :



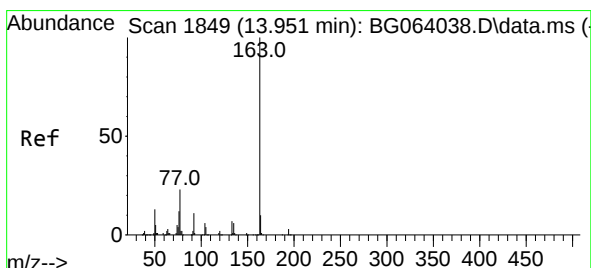
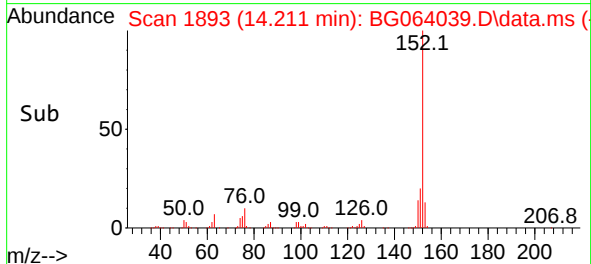
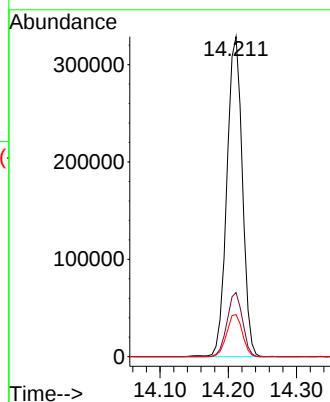
Tgt Ion:152 Resp: 517484

Ion Ratio Lower Upper

152 100

151 20.0 16.6 25.0

153 13.2 11.4 17.0



#50

Dimethylphthalate

Concen: 54.241 ng

RT: 13.953 min Scan# 1849

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

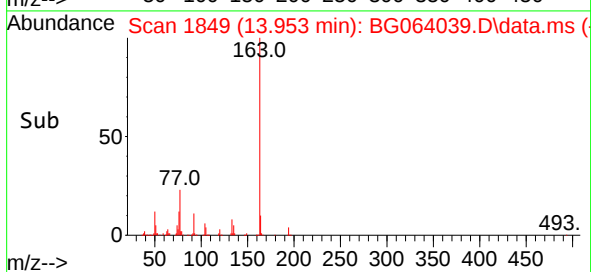
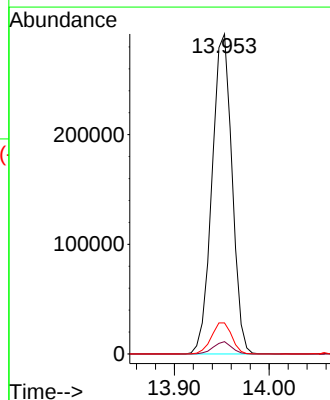
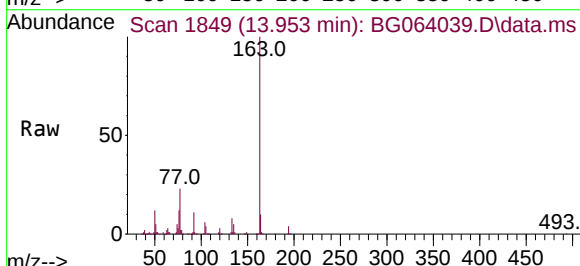
Tgt Ion:163 Resp: 427683

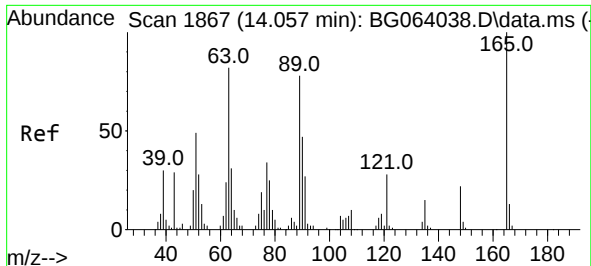
Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

164 9.7 7.8 11.6

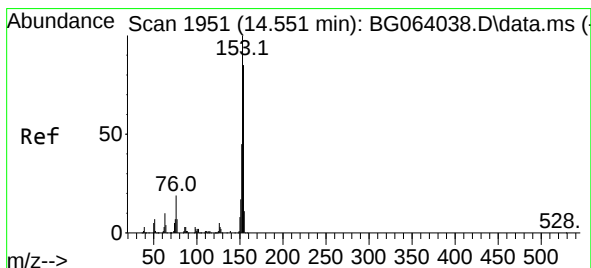
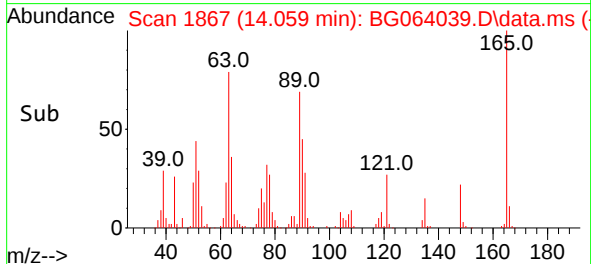
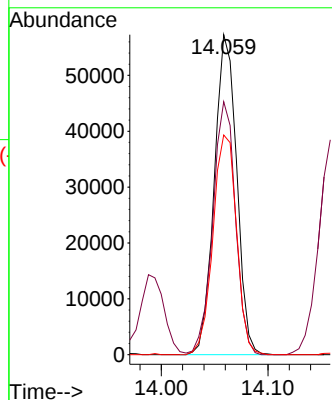
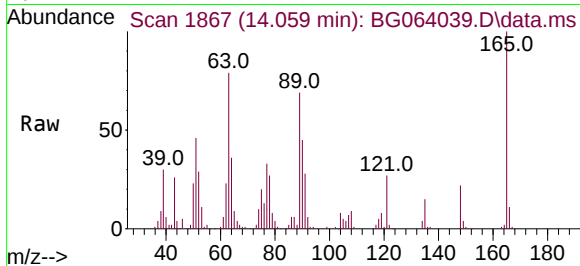




#51
2,6-Dinitrotoluene
Concen: 48.581 ng
RT: 14.059 min Scan# 1867
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

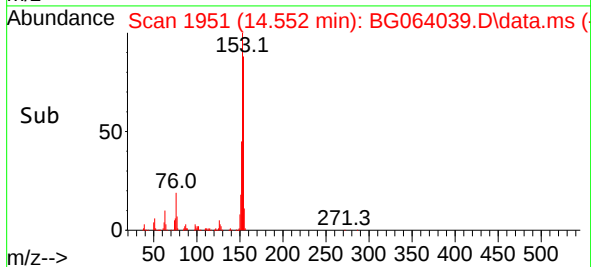
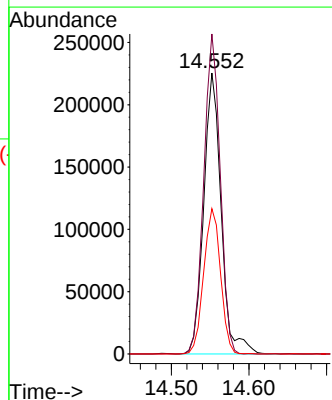
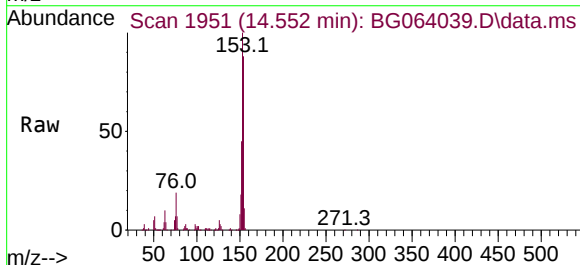
Instrument :
BNA_G
ClientSampleId :

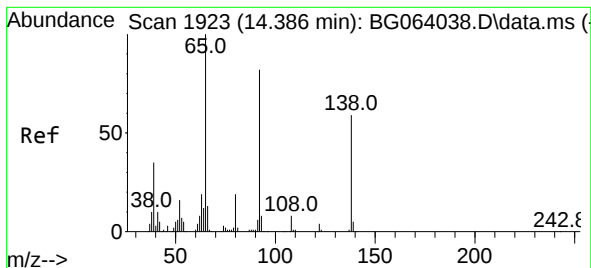
Tgt Ion:165 Resp: 83368
Ion Ratio Lower Upper
165 100
63 79.1 66.7 100.1
89 68.6 62.6 93.8



#52
Acenaphthene
Concen: 49.515 ng
RT: 14.552 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:154 Resp: 353135
Ion Ratio Lower Upper
154 100
153 113.9 93.7 140.5
152 51.7 42.5 63.7

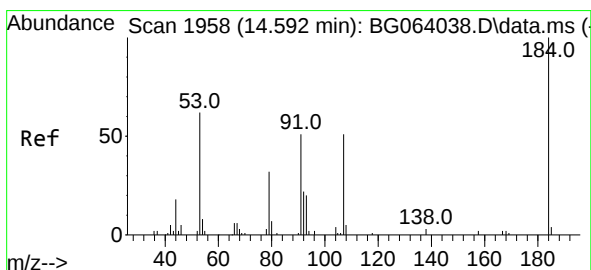
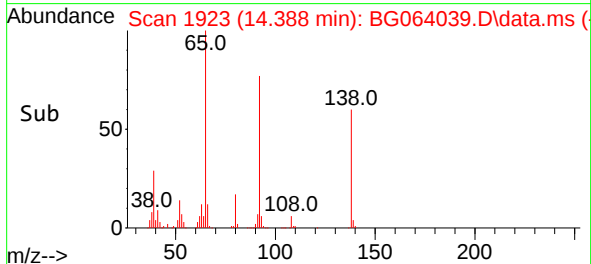
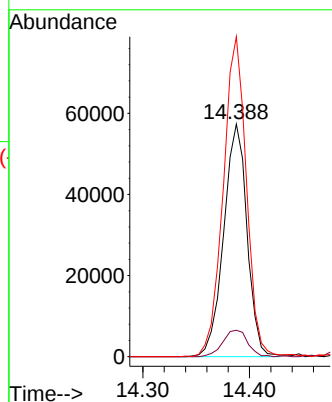
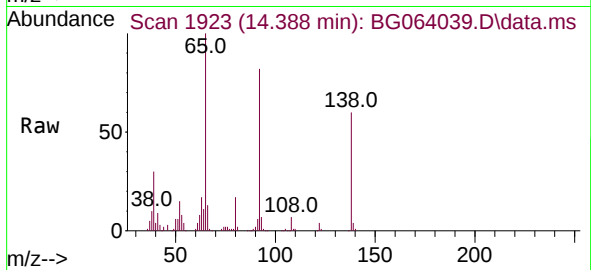




#53
3-Nitroaniline
Concen: 48.328 ng
RT: 14.388 min Scan# 1923
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

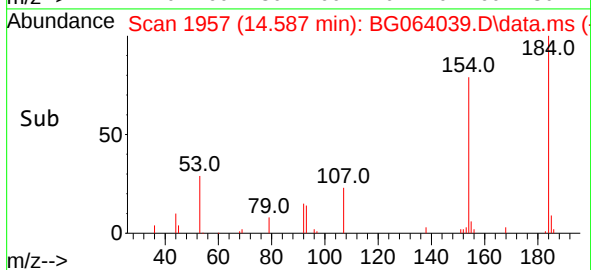
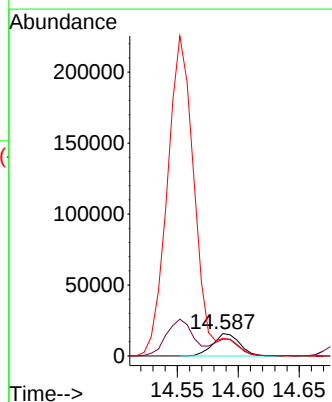
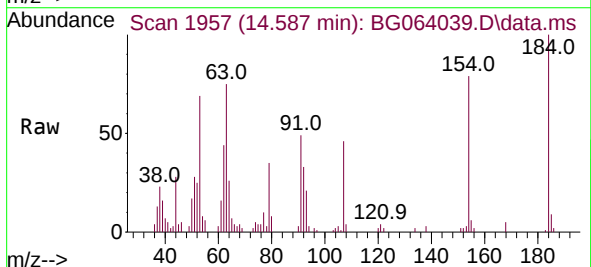
Instrument :
BNA_G
ClientSampleId :

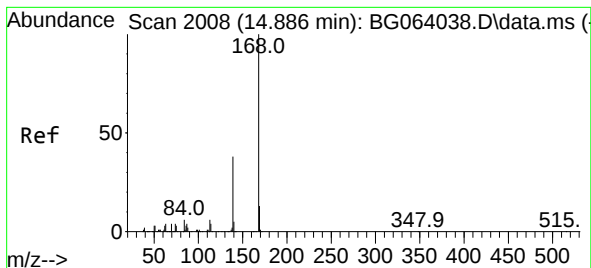
Tgt Ion:138 Resp: 87068
Ion Ratio Lower Upper
138 100
108 11.3 10.7 16.1
92 137.6 110.8 166.2



#54
2,4-Dinitrophenol
Concen: 47.547 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:184 Resp: 23911
Ion Ratio Lower Upper
184 100
63 75.3 59.5 89.3
154 79.1 55.8 83.8





#55

Dibenzenofuran

Concen: 48.359 ng

RT: 14.887 min Scan# 2008

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

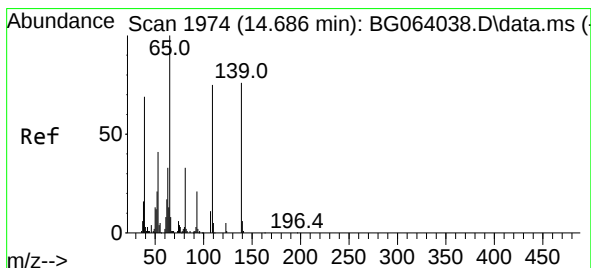
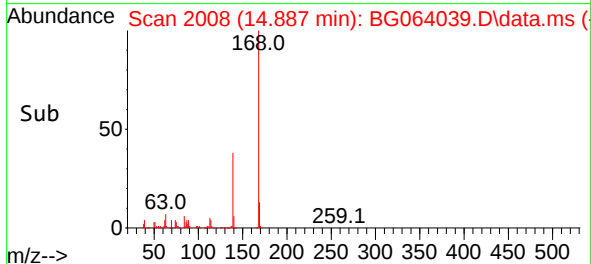
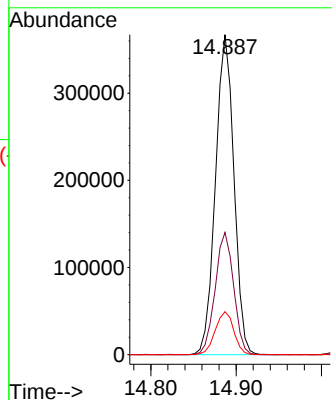
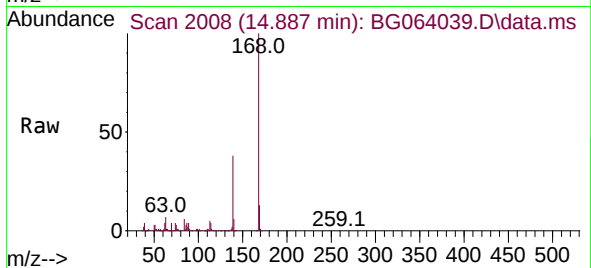
Tgt Ion:168 Resp: 551414

Ion Ratio Lower Upper

168 100

139 38.2 30.6 46.0

169 13.5 10.5 15.7



#56

4-Nitrophenol

Concen: 47.429 ng

RT: 14.693 min Scan# 1975

Delta R.T. 0.007 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

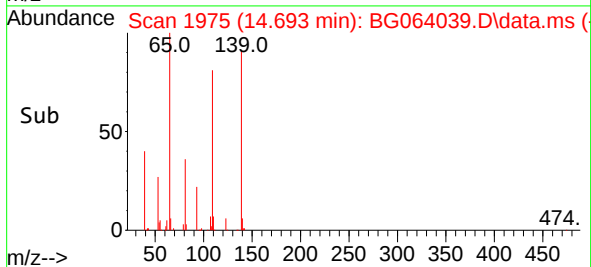
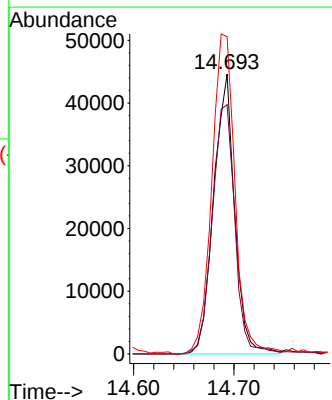
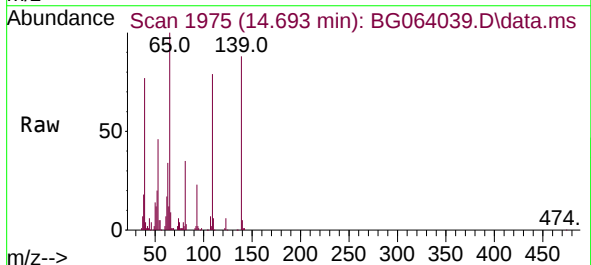
Tgt Ion:139 Resp: 65185

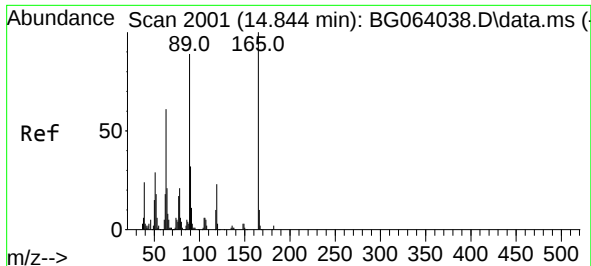
Ion Ratio Lower Upper

139 100

109 89.1 79.1 119.1

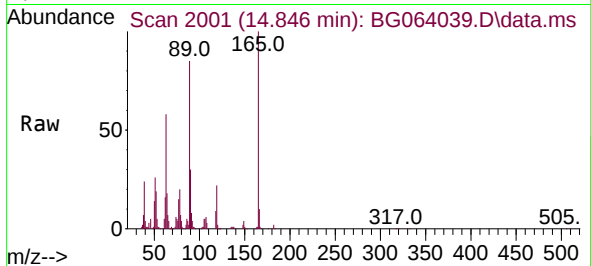
65 113.4 112.0 152.0



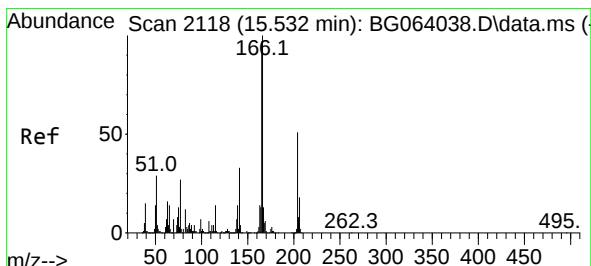
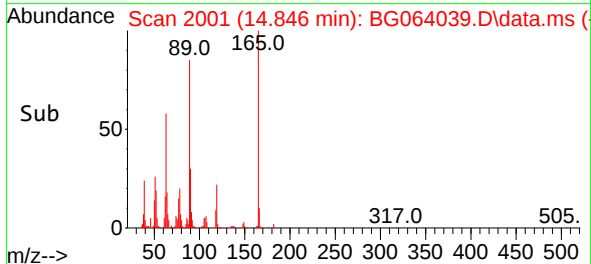
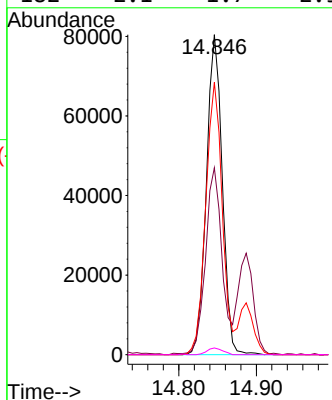


#57
2,4-Dinitrotoluene
Concen: 48.514 ng
RT: 14.846 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Instrument :
BNA_G
ClientSampleId :

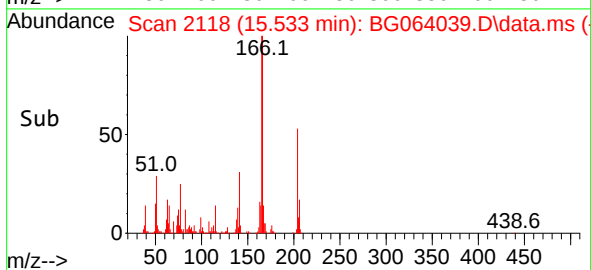
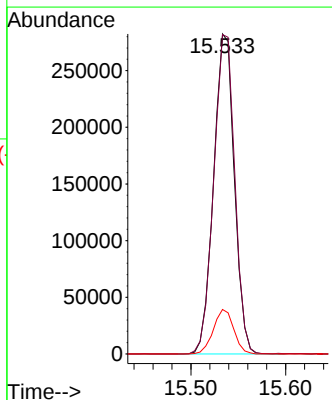
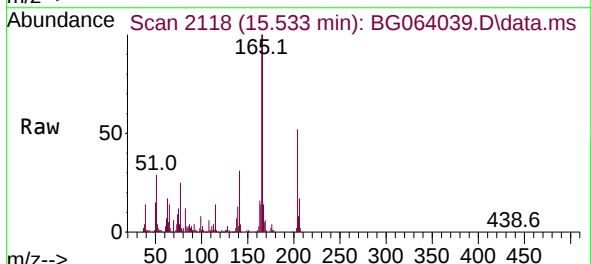


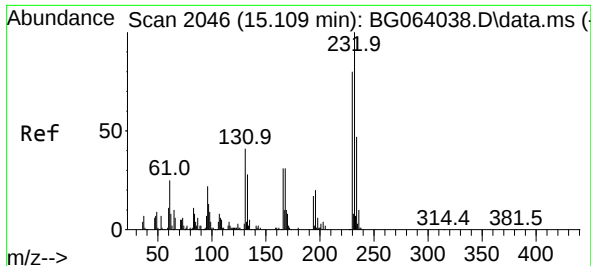
Tgt Ion:165 Resp: 114334
Ion Ratio Lower Upper
165 100
63 58.4 48.4 72.6
89 85.1 71.3 106.9
182 2.1 1.7 2.5



#58
Fluorene
Concen: 48.789 ng
RT: 15.533 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:166 Resp: 429039
Ion Ratio Lower Upper
166 100
165 99.8 77.3 115.9
167 13.9 10.5 15.7

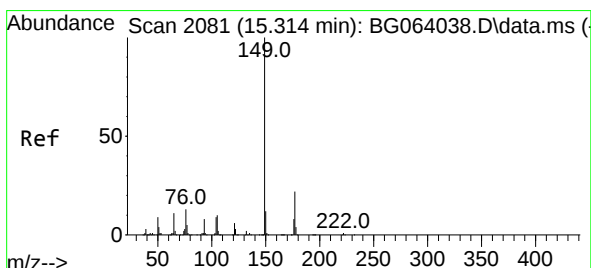
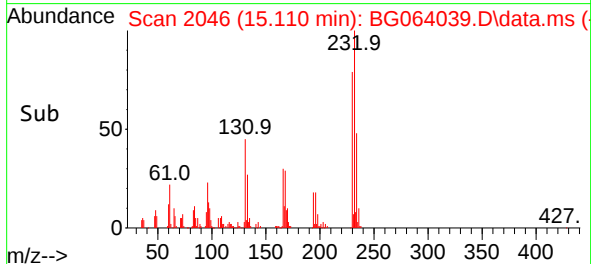
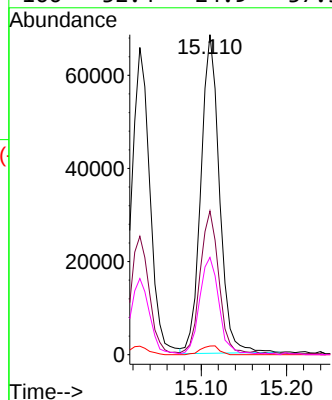
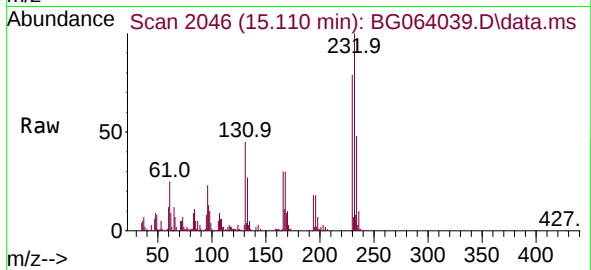




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.647 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

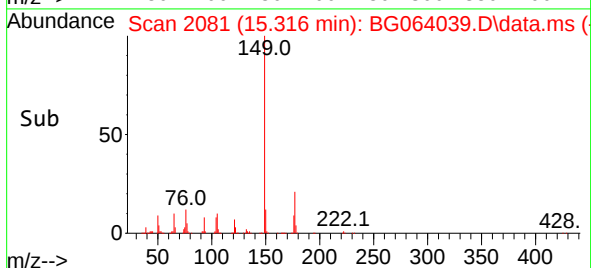
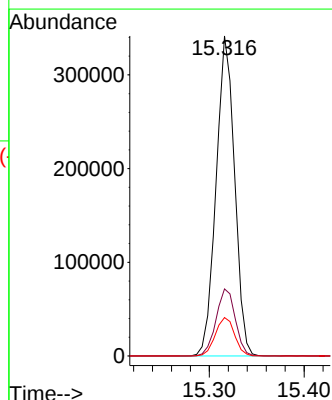
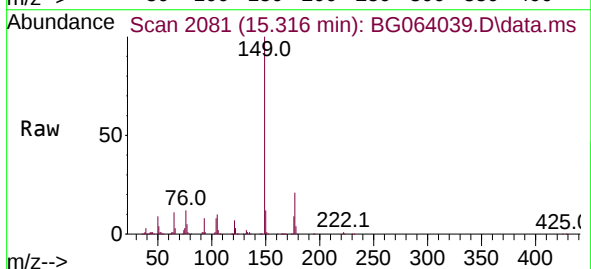
Instrument :
BNA_G
ClientSampleId :

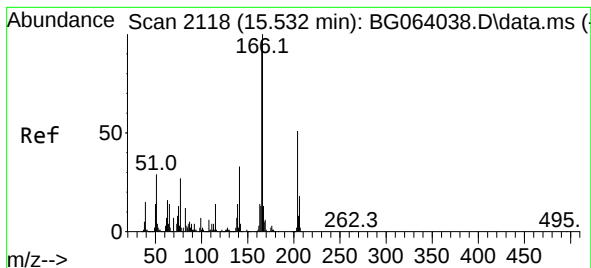
Tgt Ion:232 Resp: 103366
Ion Ratio Lower Upper
232 100
131 45.7 34.6 51.8
130 2.8 2.1 3.1
166 32.4 24.9 37.3



#60
Diethylphthalate
Concen: 55.584 ng
RT: 15.316 min Scan# 2081
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:149 Resp: 463646
Ion Ratio Lower Upper
149 100
177 21.0 18.0 27.0
150 12.0 9.8 14.6

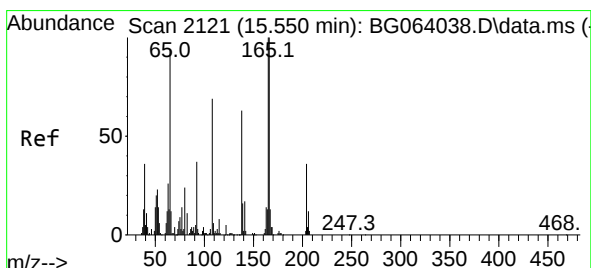
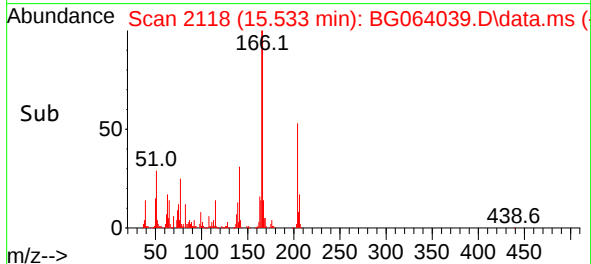
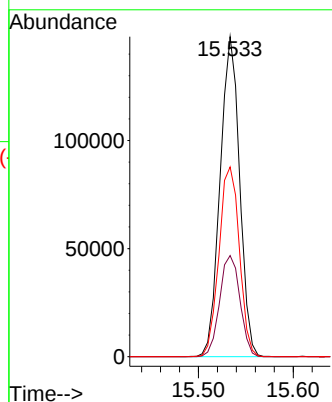
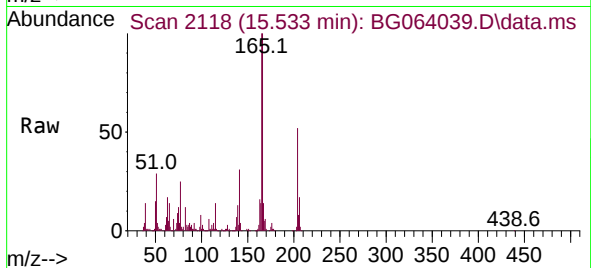




#61
4-Chlorophenyl-phenylether
Concen: 47.613 ng
RT: 15.533 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

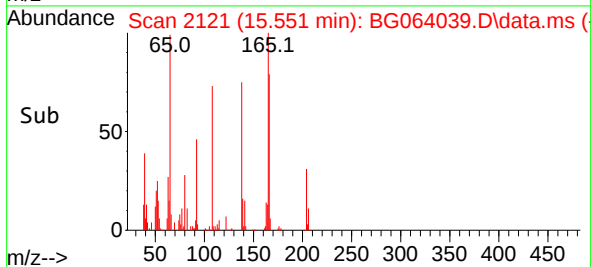
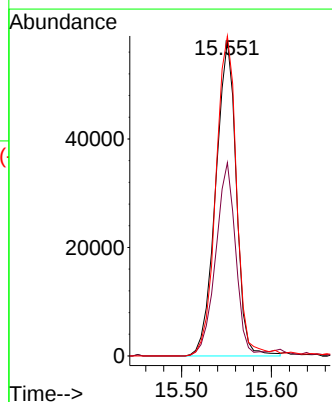
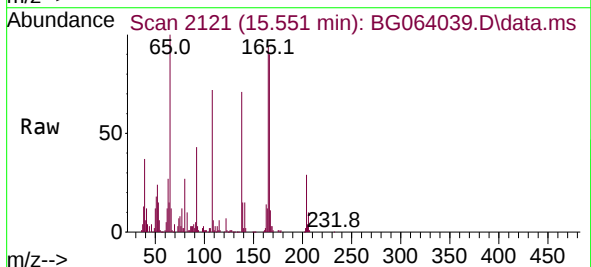
Instrument :
BNA_G
ClientSampleId :

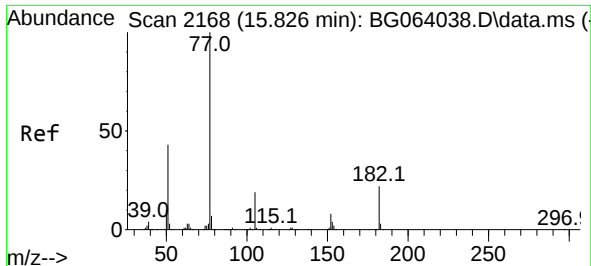
Tgt Ion:204 Resp: 211650
Ion Ratio Lower Upper
204 100
206 31.6 27.8 41.8
141 59.3 52.2 78.2



#62
4-Nitroaniline
Concen: 48.386 ng
RT: 15.551 min Scan# 2121
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:138 Resp: 92339
Ion Ratio Lower Upper
138 100
92 61.3 38.8 78.8
108 101.5 89.9 129.9

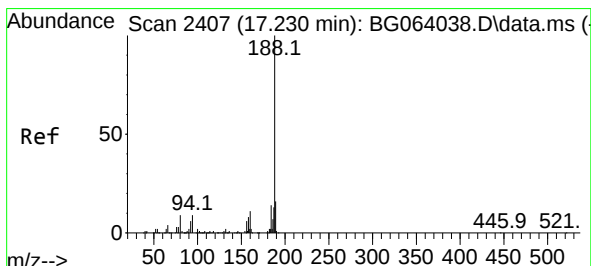
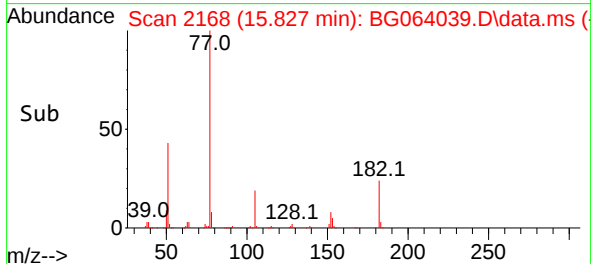
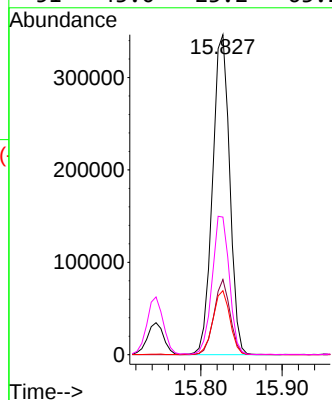
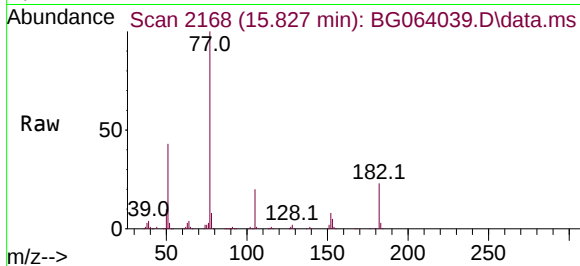




#63
 Azobenzene
 Concen: 48.582 ng
 RT: 15.827 min Scan# 2168
 Delta R.T. 0.001 min
 Lab File: BG064039.D
 Acq: 3 Mar 2025 15:39

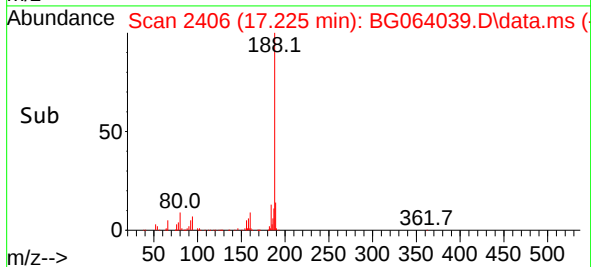
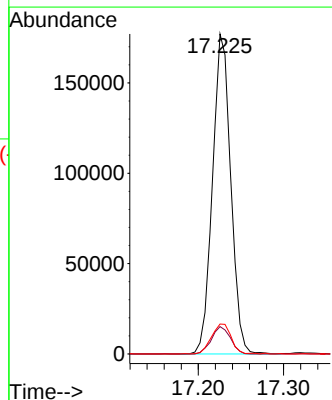
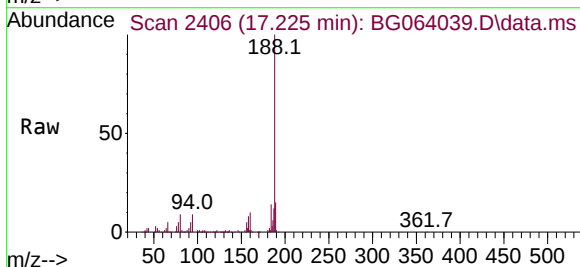
Instrument :
 BNA_G
 ClientSampleId :

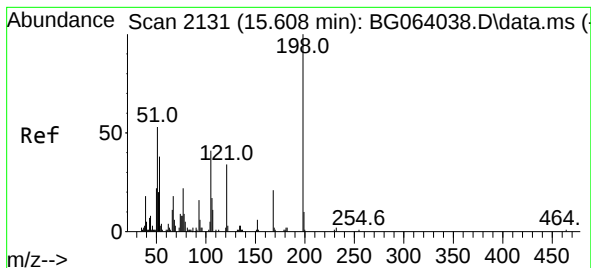
Tgt Ion: 77	Resp: 507390
Ion Ratio	Lower Upper
77 100	
182 23.5	2.1 42.1
105 20.0	0.0 39.1
51 43.0	23.2 63.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.225 min Scan# 2406
 Delta R.T. -0.004 min
 Lab File: BG064039.D
 Acq: 3 Mar 2025 15:39

Tgt Ion:188	Resp: 263280		
Ion Ratio	Lower	Upper	
188 100			
94 8.6	7.0	10.6	
80 9.4	7.4	11.2	

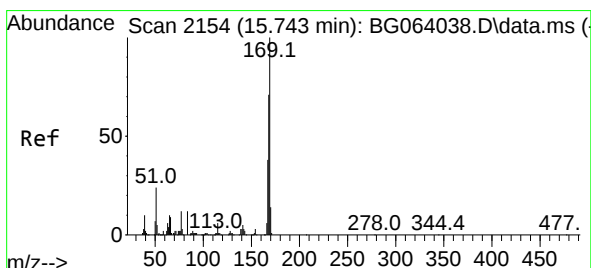
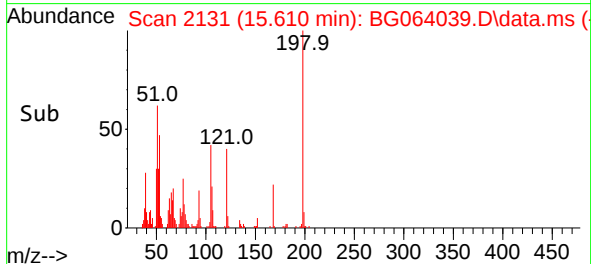
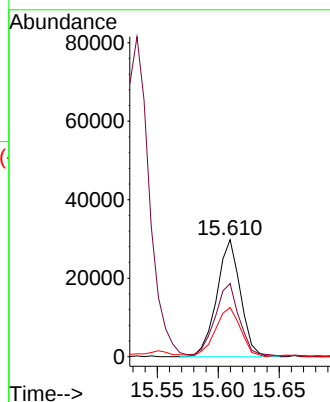
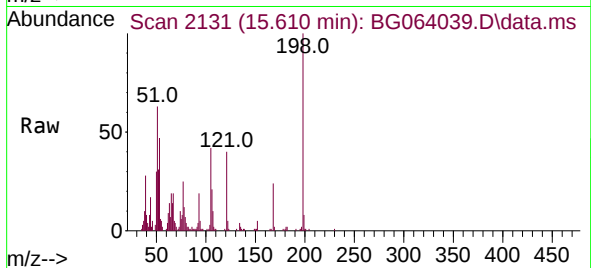




#65
4,6-Dinitro-2-methylphenol
Concen: 48.290 ng
RT: 15.610 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

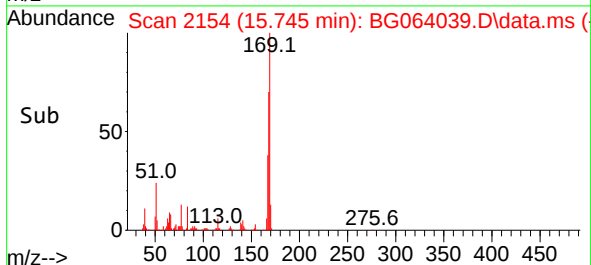
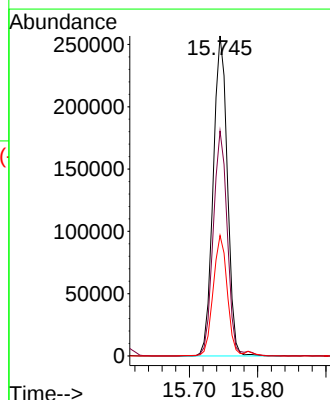
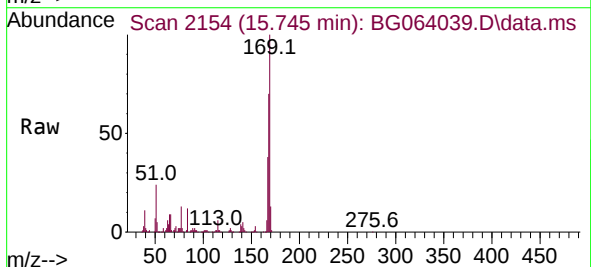
Instrument :
BNA_G
ClientSampleId :

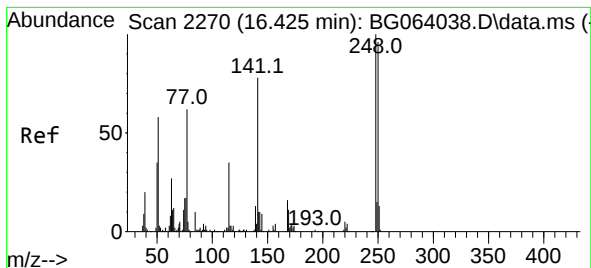
Tgt Ion:198 Resp: 40182
Ion Ratio Lower Upper
198 100
51 62.6 36.6 76.6
105 41.9 22.7 62.7



#66
n-Nitrosodiphenylamine
Concen: 50.777 ng
RT: 15.745 min Scan# 2154
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

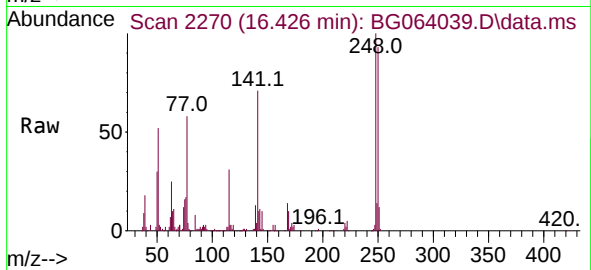
Tgt Ion:169 Resp: 371192
Ion Ratio Lower Upper
169 100
168 70.3 56.6 85.0
167 37.7 30.7 46.1



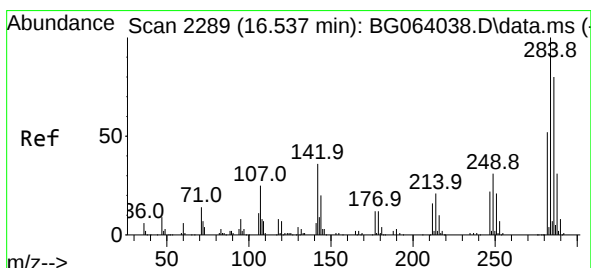
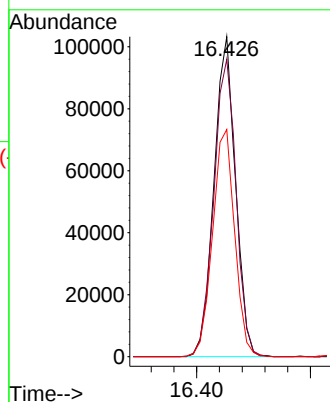
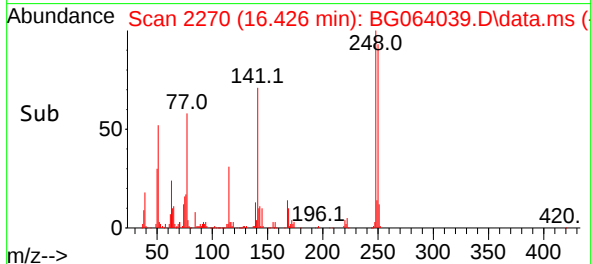


#67
4-Bromophenyl-phenylether
Concen: 50.092 ng
RT: 16.426 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

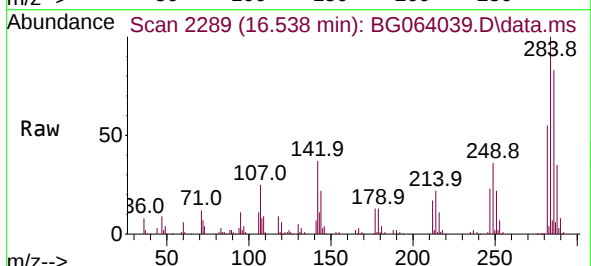
Instrument :
BNA_G
ClientSampleId :



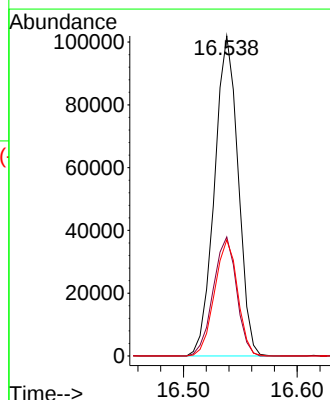
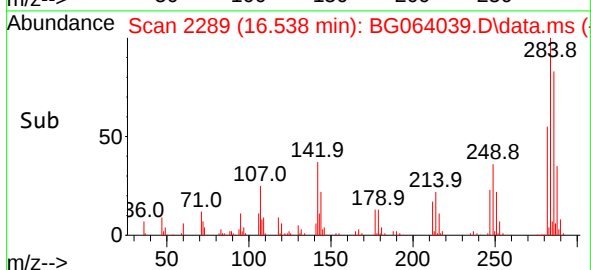
Tgt Ion:248 Resp: 135377
Ion Ratio Lower Upper
248 100
250 93.0 77.2 115.8
141 71.0 62.2 93.2

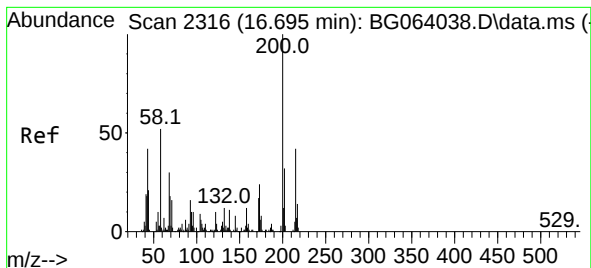


#68
Hexachlorobenzene
Concen: 48.918 ng
RT: 16.538 min Scan# 2289
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39



Tgt Ion:284 Resp: 147230
Ion Ratio Lower Upper
284 100
142 37.2 29.0 43.6
249 36.3 24.6 36.8





#69

Atrazine

Concen: 50.778 ng

RT: 16.697 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG064039.D

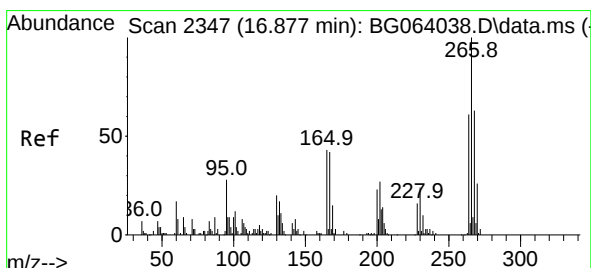
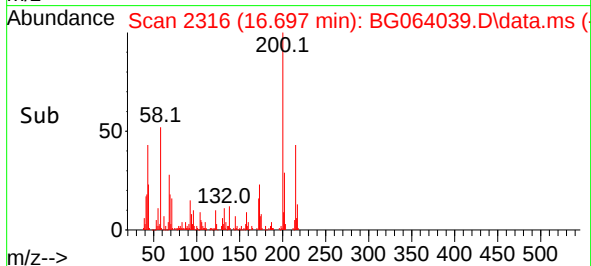
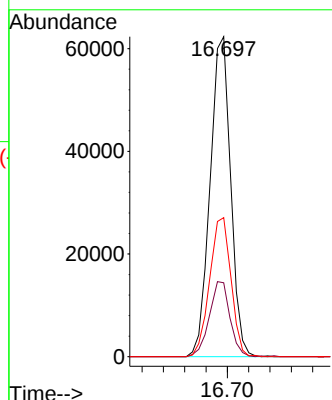
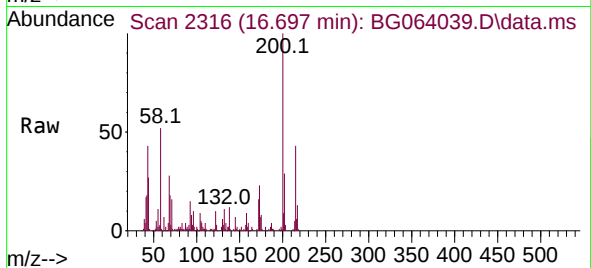
Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	200	Resp:	83534
Ion Ratio	Lower	Upper	
200	100		
173	23.1	3.9	43.9
215	43.4	22.5	62.5



#70

Pentachlorophenol

Concen: 46.952 ng

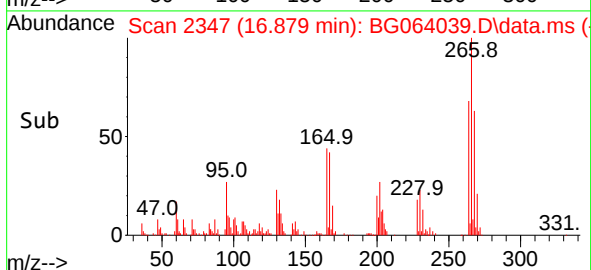
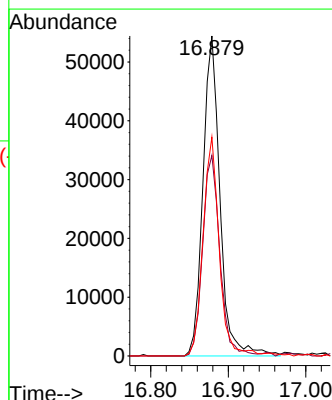
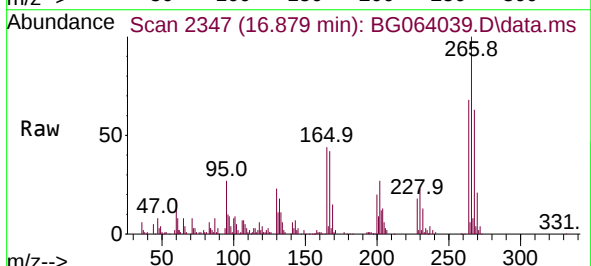
RT: 16.879 min Scan# 2347

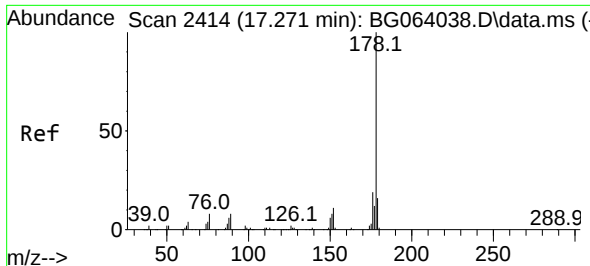
Delta R.T. 0.002 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Tgt Ion:	266	Resp:	83192
Ion Ratio	Lower	Upper	
266	100		
268	62.7	50.7	76.1
264	68.4	48.8	73.2

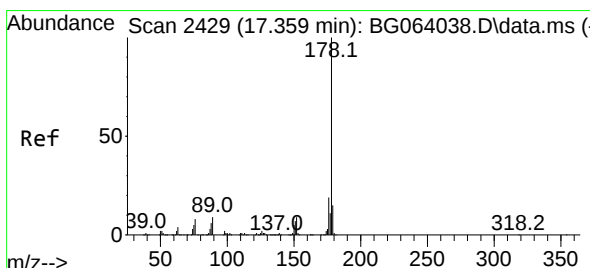
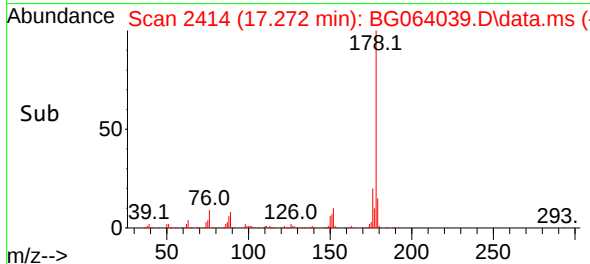
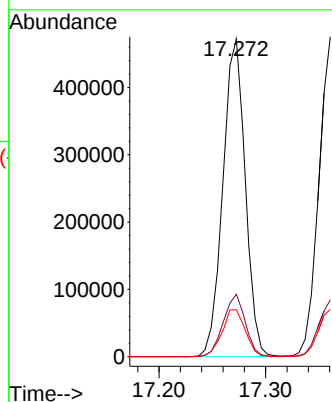
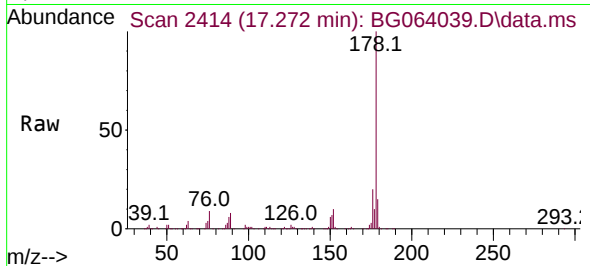




#71
Phenanthrene
Concen: 49.023 ng
RT: 17.272 min Scan# 2414
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

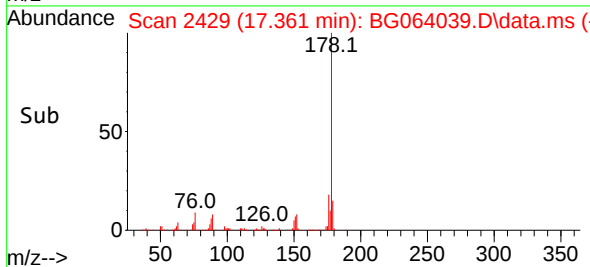
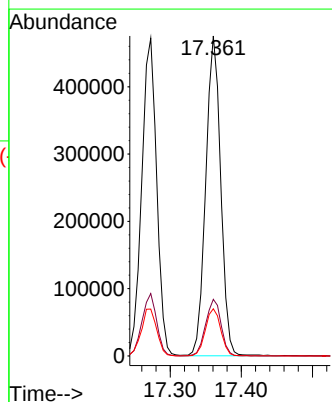
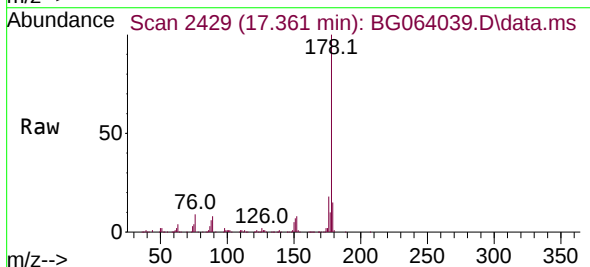
Instrument :
BNA_G
ClientSampleId :

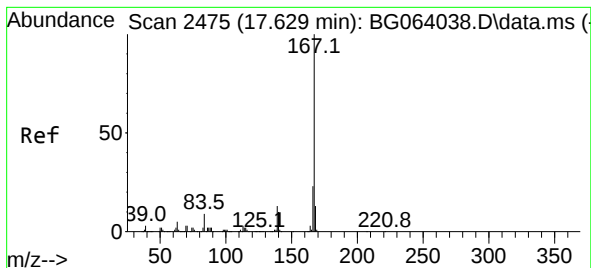
Tgt Ion:178 Resp: 686747
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 14.8 12.6 19.0



#72
Anthracene
Concen: 49.919 ng
RT: 17.361 min Scan# 2429
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:178 Resp: 695122
Ion Ratio Lower Upper
178 100
176 17.7 15.4 23.2
179 14.8 12.1 18.1





#73

Carbazole

Concen: 50.745 ng

RT: 17.625 min Scan# 2475

Delta R.T. -0.004 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

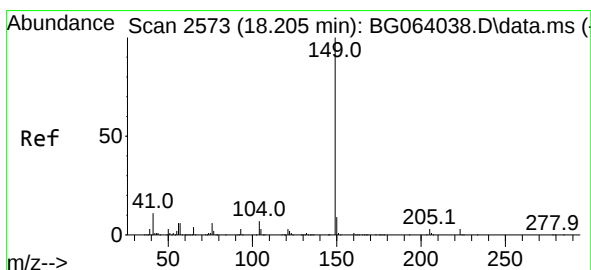
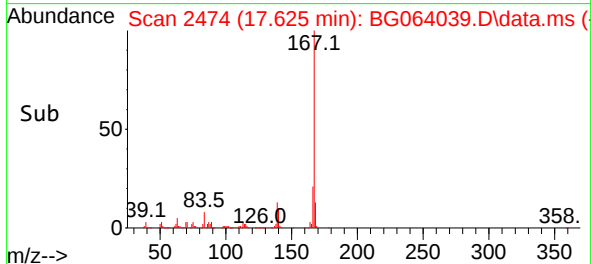
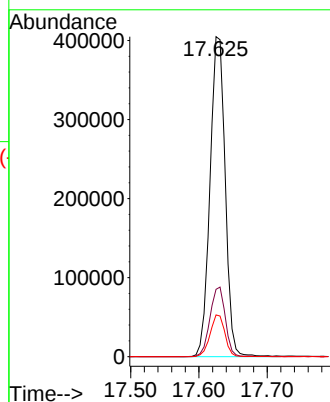
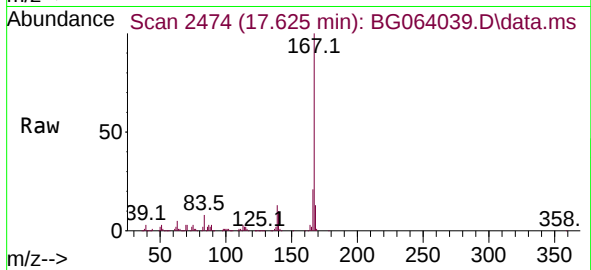
Tgt Ion:167 Resp: 627907

Ion Ratio Lower Upper

167 100

166 21.1 18.4 27.6

139 13.1 10.4 15.6



#74

Di-n-butylphthalate

Concen: 49.108 ng

RT: 18.201 min Scan# 2572

Delta R.T. -0.004 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

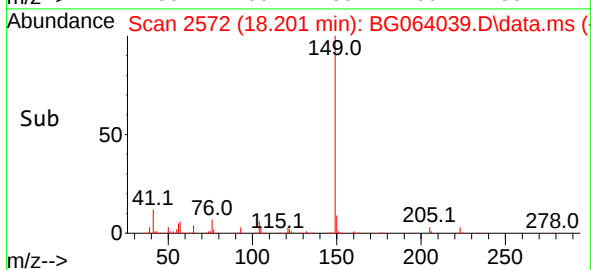
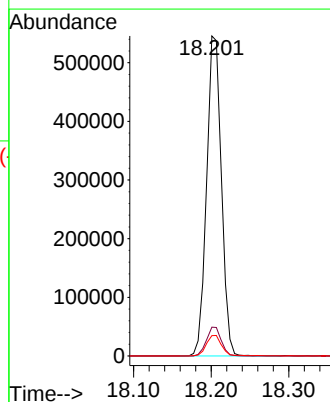
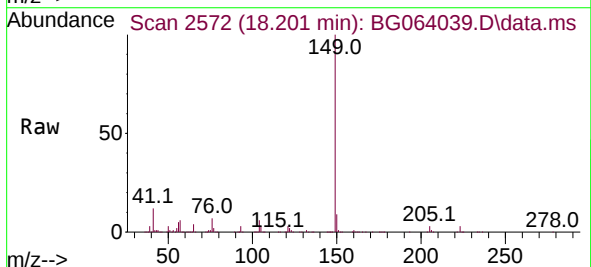
Tgt Ion:149 Resp: 724392

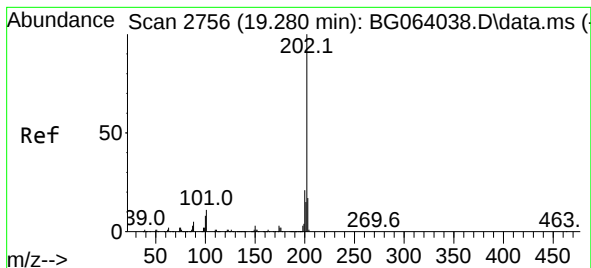
Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 6.4 5.4 8.2





#75

Fluoranthene

Concen: 48.956 ng

RT: 19.282 min Scan# 21

Delta R.T. 0.001 min

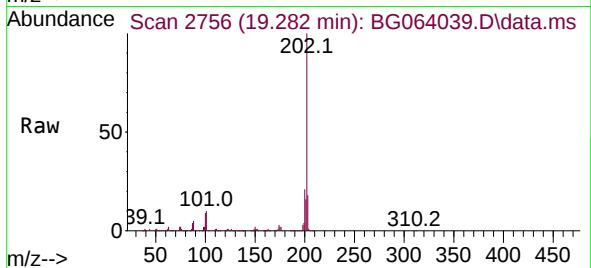
Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :



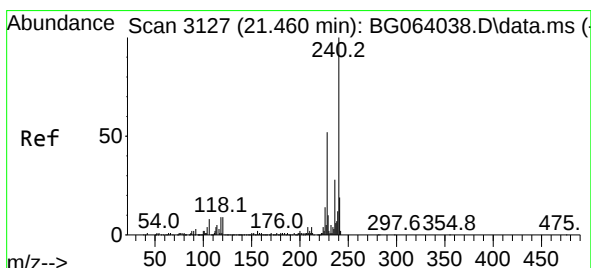
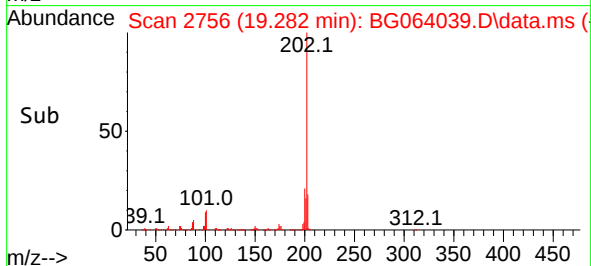
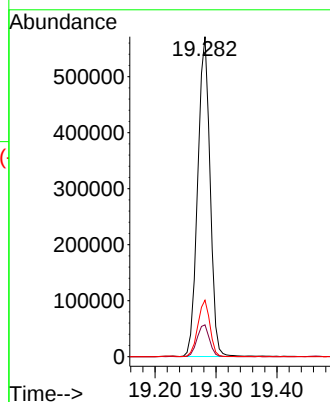
Tgt Ion:202 Resp: 803165

Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.4

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.462 min Scan# 3127

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

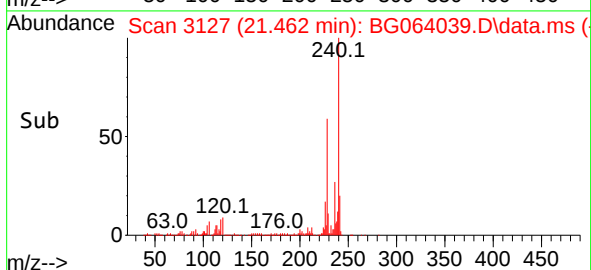
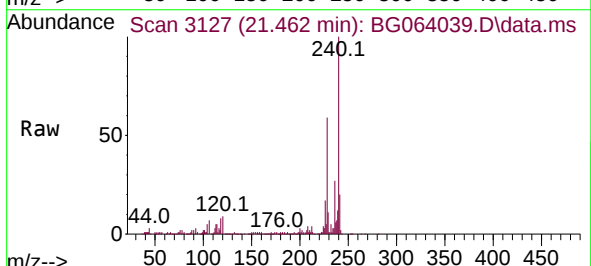
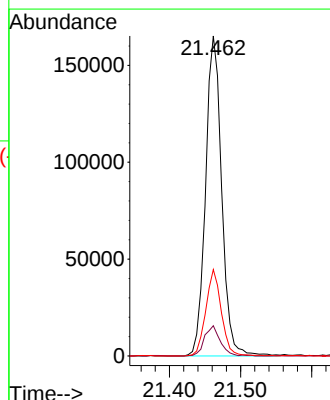
Tgt Ion:240 Resp: 261479

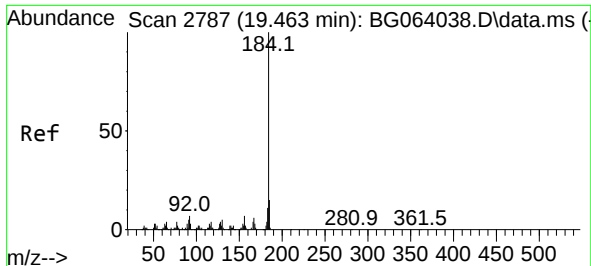
Ion Ratio Lower Upper

240 100

120 9.5 7.4 11.0

236 27.0 22.0 33.0

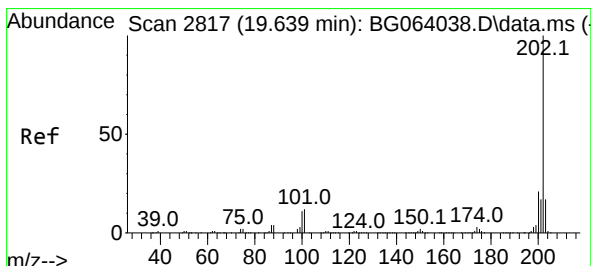
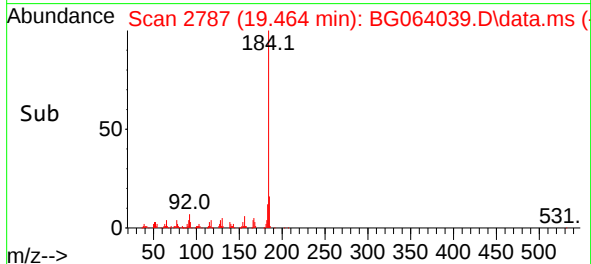
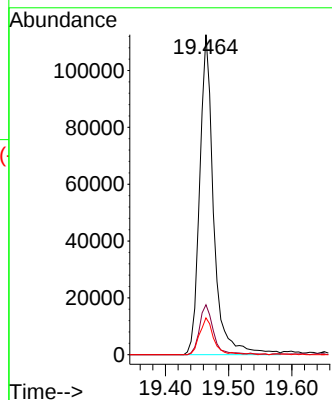
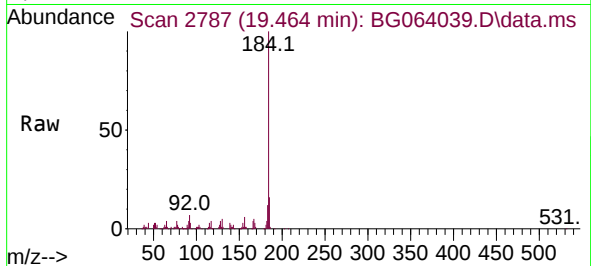




#77
Benzidine
Concen: 51.387 ng
RT: 19.464 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

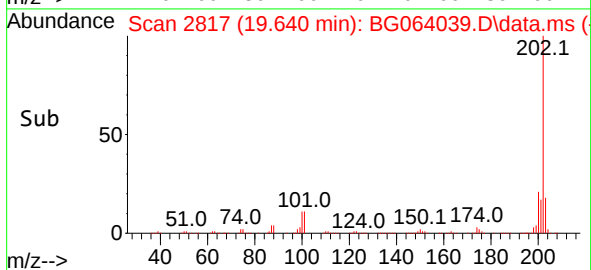
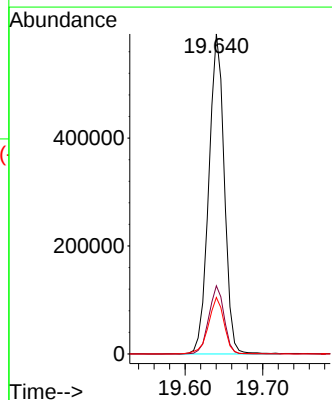
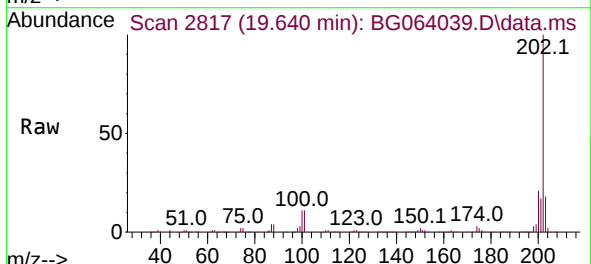
Instrument :
BNA_G
ClientSampleId :

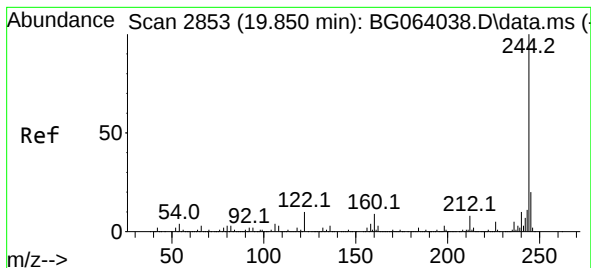
Tgt Ion:184 Resp: 172921
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.8
183 11.5 8.8 13.2



#78
Pyrene
Concen: 49.513 ng
RT: 19.640 min Scan# 2817
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:202 Resp: 826103
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 17.6 13.5 20.3





#79

Terphenyl-d14

Concen: 97.211 ng

RT: 19.852 min Scan# 2853

Delta R.T. 0.001 min

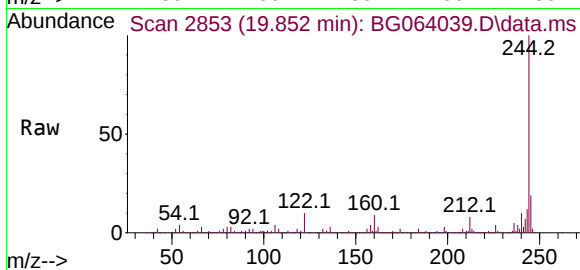
Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :



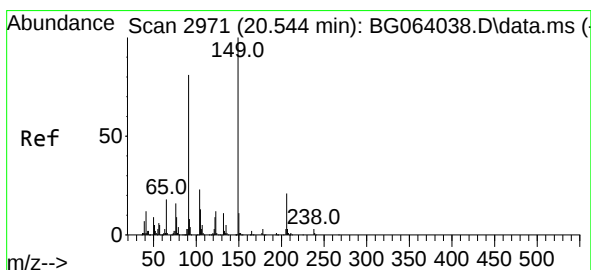
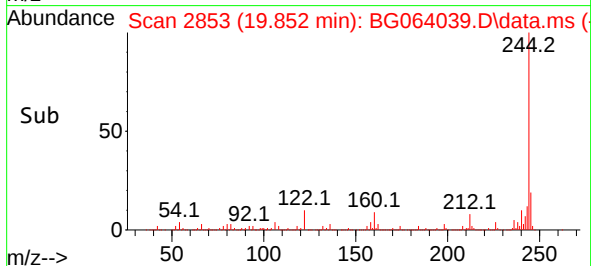
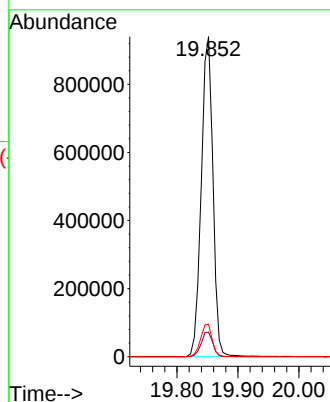
Tgt Ion:244 Resp: 1252315

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 10.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 51.918 ng

RT: 20.545 min Scan# 2971

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

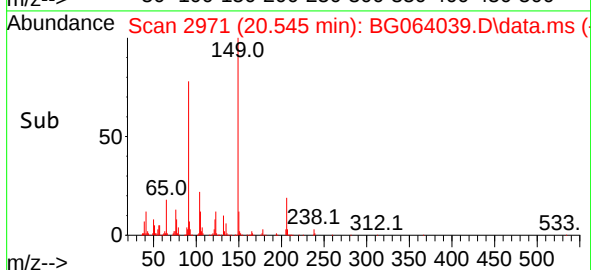
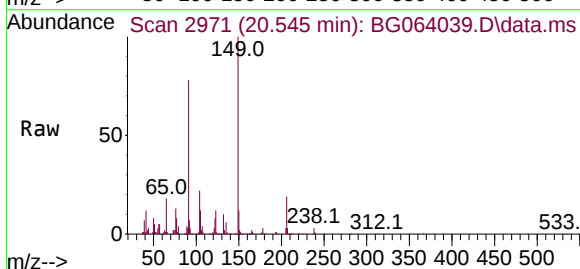
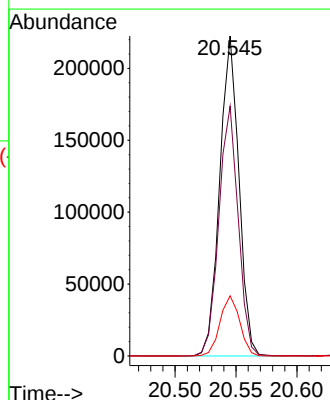
Tgt Ion:149 Resp: 243554

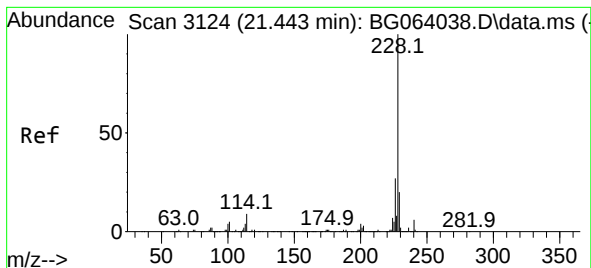
Ion Ratio Lower Upper

149 100

91 78.0 65.0 97.4

206 18.8 16.7 25.1





#81

Benzo(a)anthracene

Concen: 49.595 ng

RT: 21.444 min Scan# 3124

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

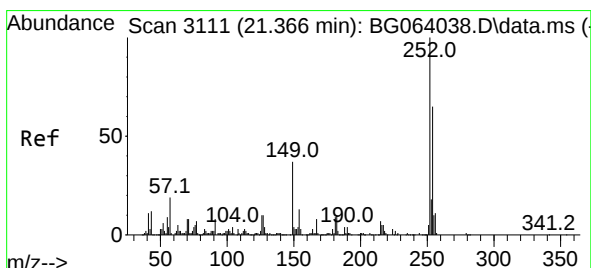
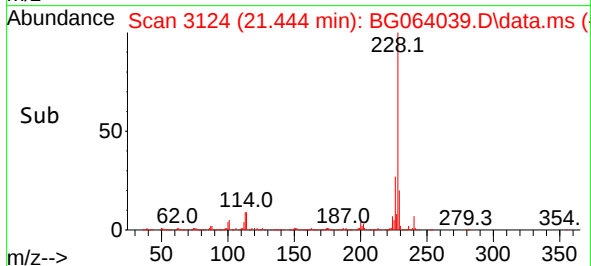
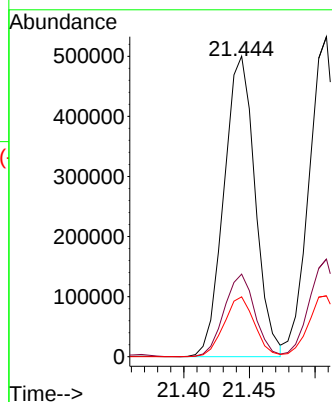
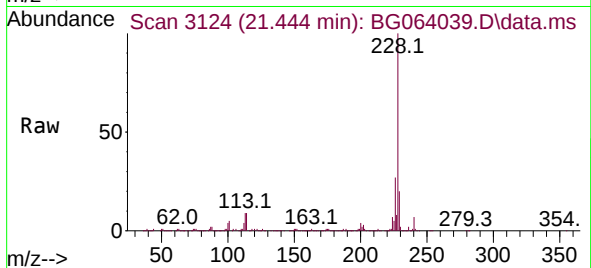
Tgt Ion:228 Resp: 826480

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 55.472 ng

RT: 21.368 min Scan# 3111

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

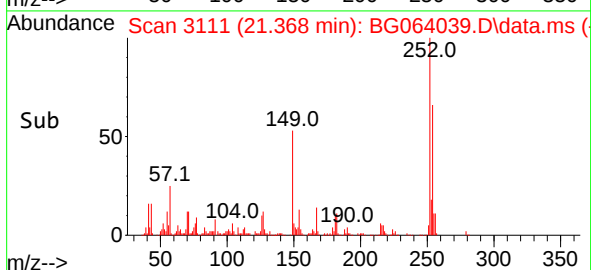
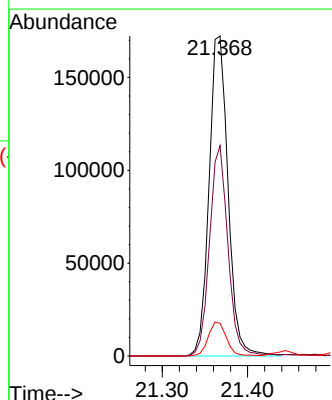
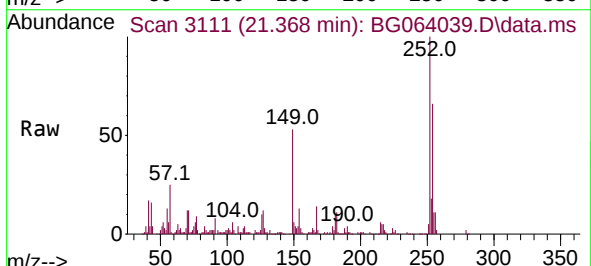
Tgt Ion:252 Resp: 266287

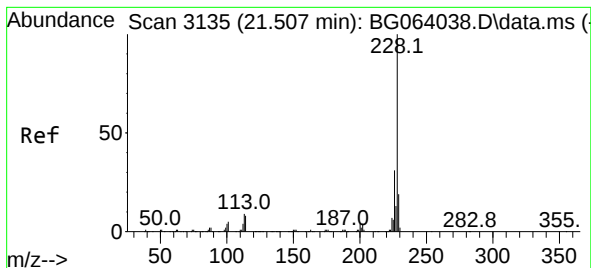
Ion Ratio Lower Upper

252 100

254 65.7 52.1 78.1

126 10.2 7.8 11.6





#83

Chrysene

Concen: 49.474 ng

RT: 21.509 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

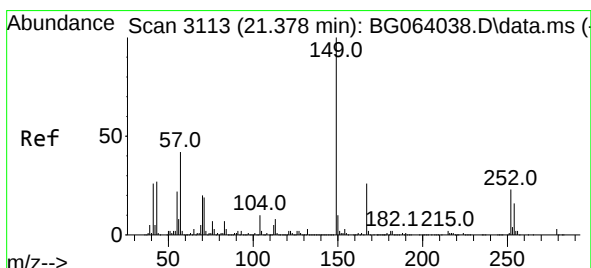
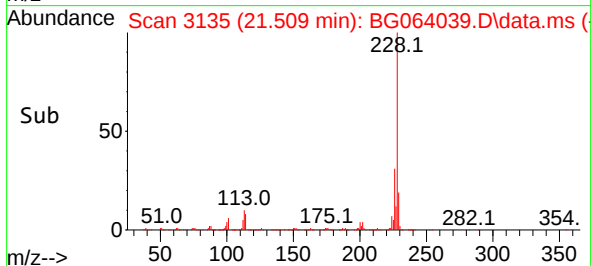
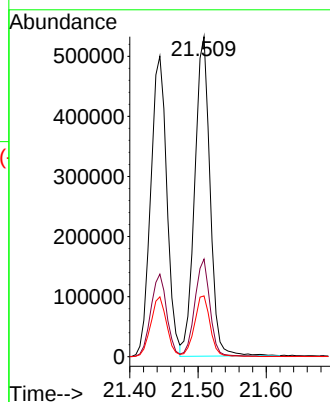
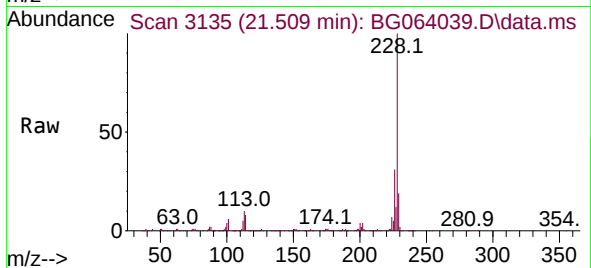
Tgt Ion:228 Resp: 825851

Ion Ratio Lower Upper

228 100

226 30.5 24.6 37.0

229 19.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.609 ng

RT: 21.379 min Scan# 3113

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

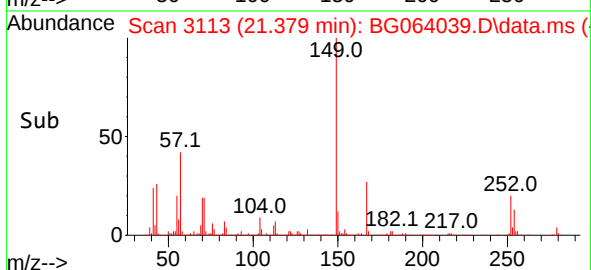
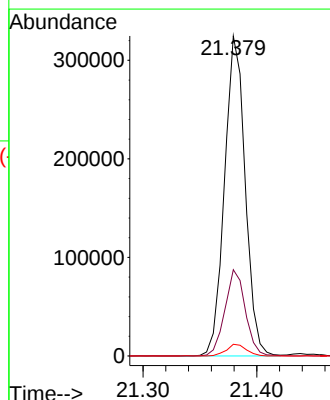
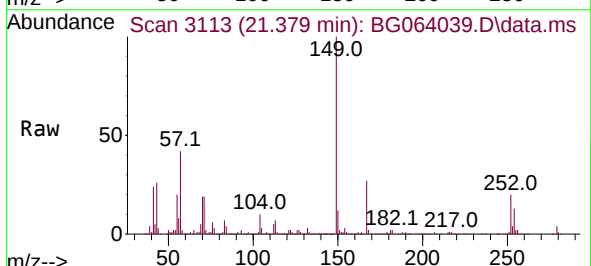
Tgt Ion:149 Resp: 410403

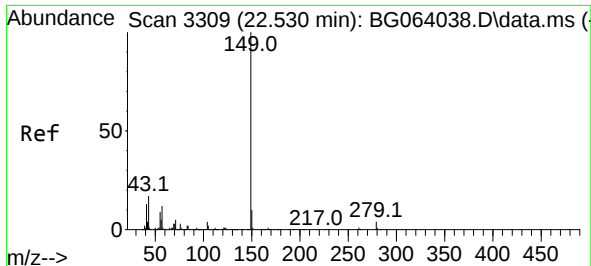
Ion Ratio Lower Upper

149 100

167 26.9 20.4 30.6

279 3.7 2.3 3.5#

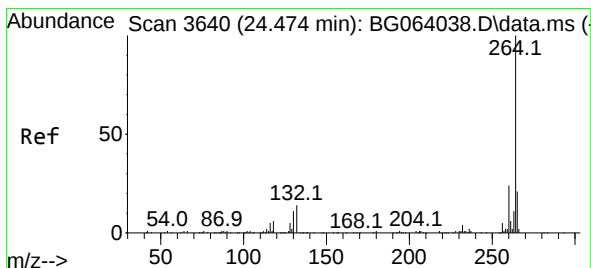
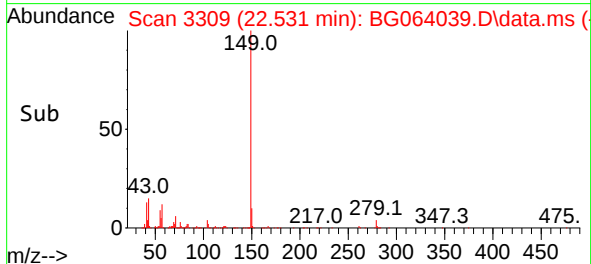
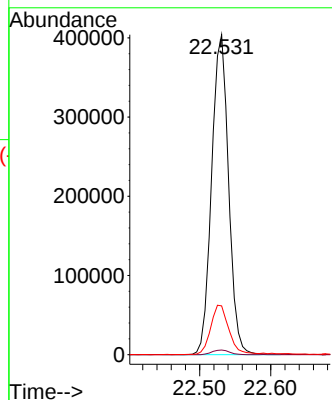
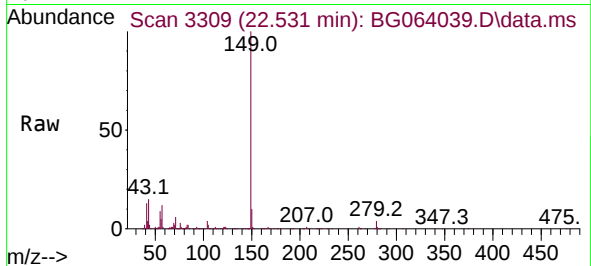




#85
Di-n-octyl phthalate
Concen: 49.771 ng
RT: 22.531 min Scan# 3309
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

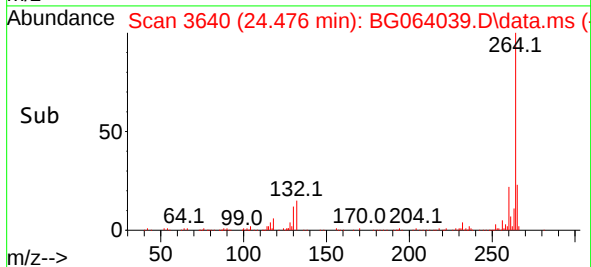
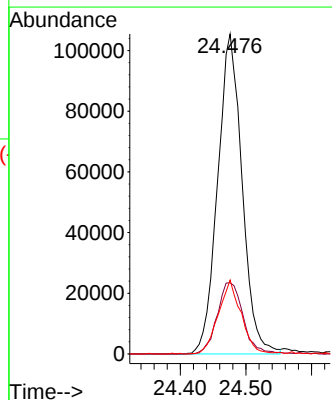
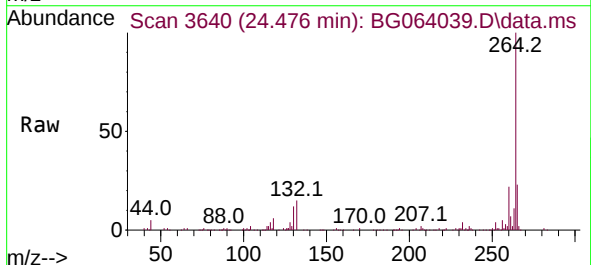
Instrument :
BNA_G
ClientSampleId :

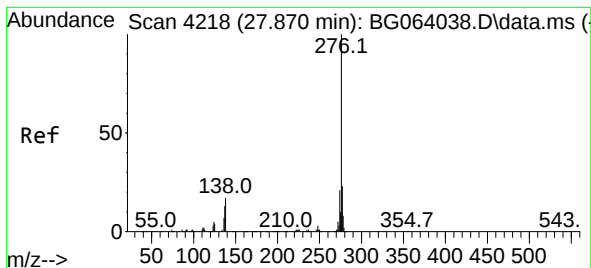
Tgt Ion:149 Resp: 669305
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.8 14.1 21.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.476 min Scan# 3640
Delta R.T. 0.001 min
Lab File: BG064039.D
Acq: 3 Mar 2025 15:39

Tgt Ion:264 Resp: 272452
Ion Ratio Lower Upper
264 100
260 22.3 18.8 28.2
265 23.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.969 ng

RT: 27.878 min Scan# 4219

Delta R.T. 0.007 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

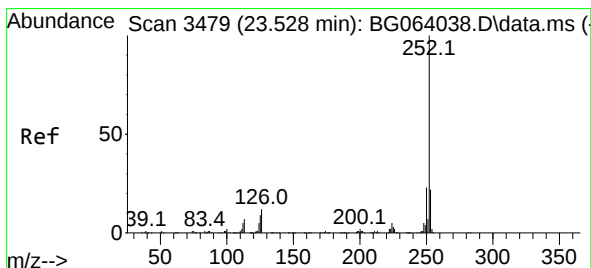
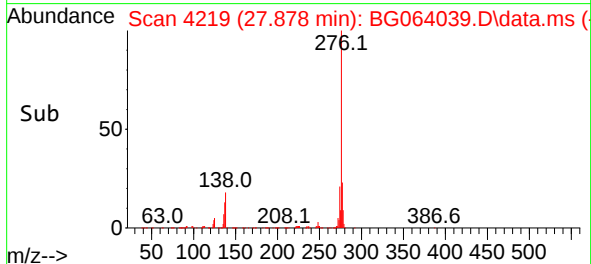
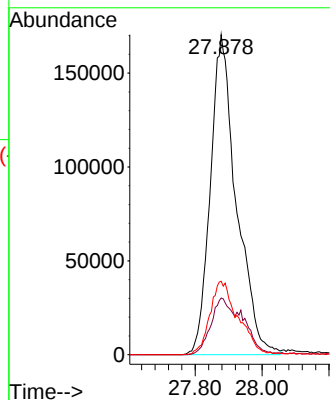
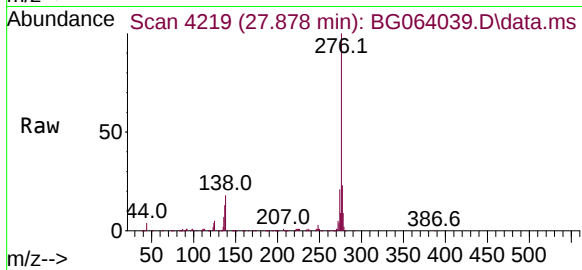
Tgt Ion:276 Resp: 922966

Ion Ratio Lower Upper

276 100

138 14.3 9.8 14.8

277 24.7 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 50.947 ng

RT: 23.530 min Scan# 3479

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

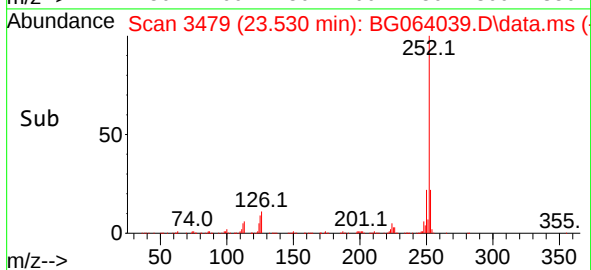
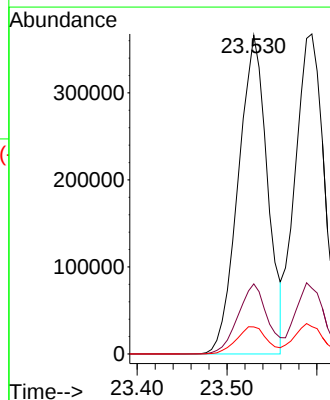
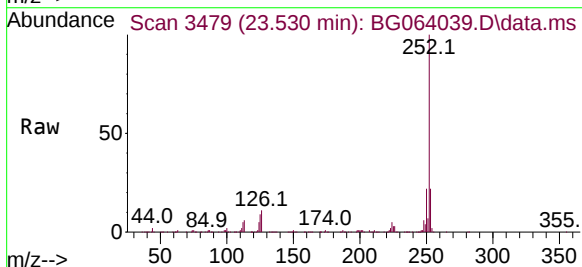
Tgt Ion:252 Resp: 829241

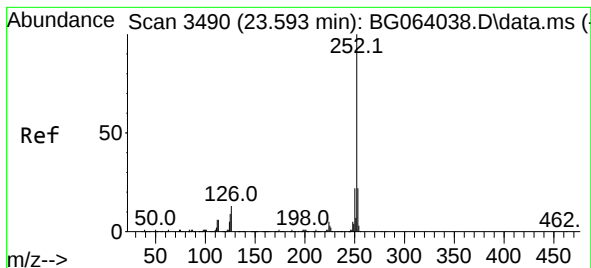
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.5 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 50.989 ng

RT: 23.594 min Scan# 34

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

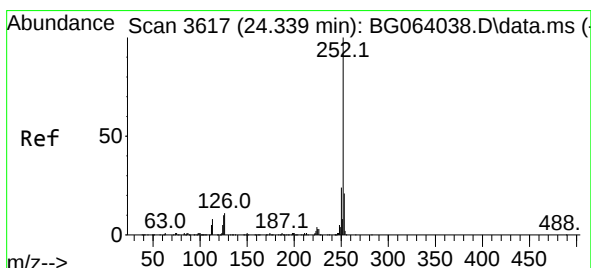
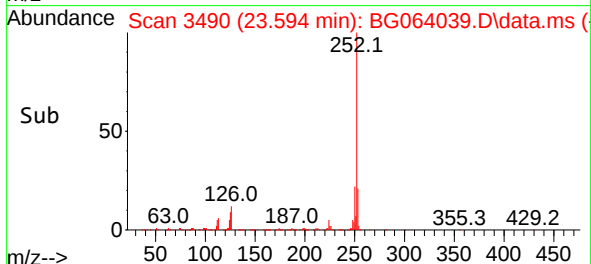
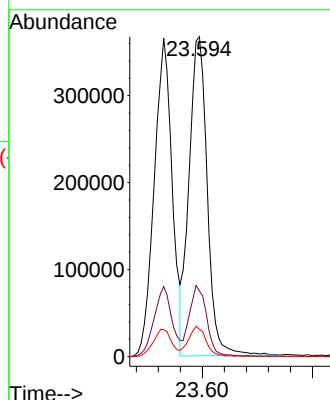
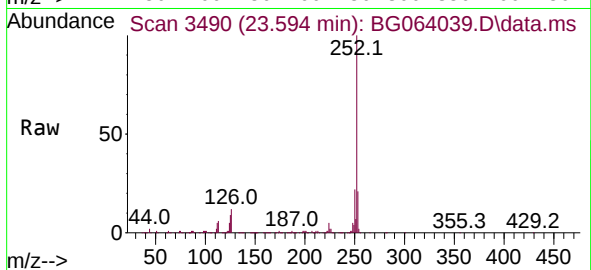
Tgt Ion:252 Resp: 844650

Ion Ratio Lower Upper

252 100

253 20.6 17.5 26.3

125 8.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 51.052 ng

RT: 24.335 min Scan# 3616

Delta R.T. -0.004 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

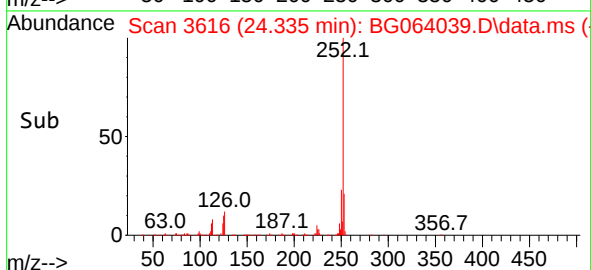
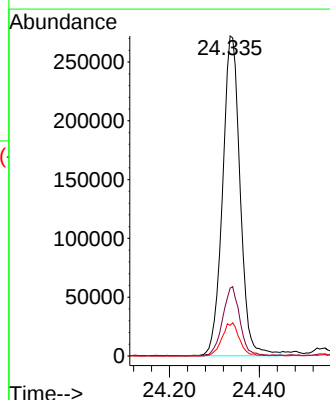
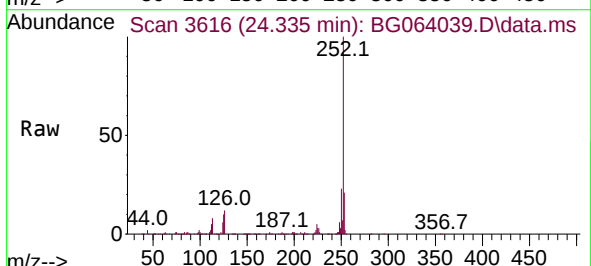
Tgt Ion:252 Resp: 741090

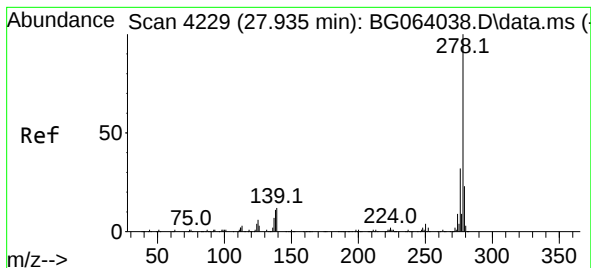
Ion Ratio Lower Upper

252 100

253 21.2 16.5 24.7

125 9.6 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.271 ng

RT: 27.942 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

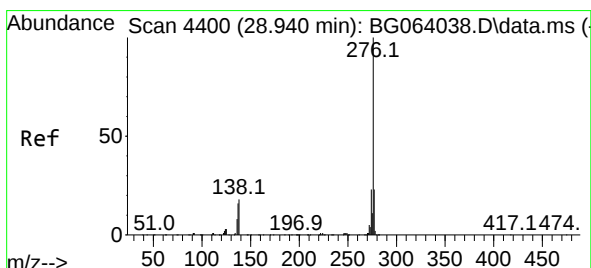
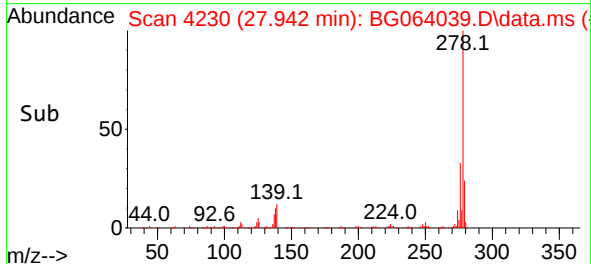
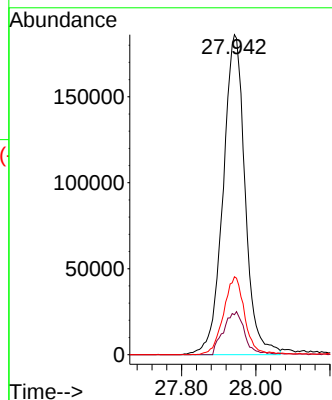
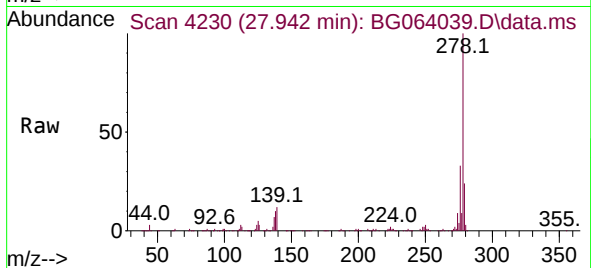
Tgt Ion:278 Resp: 766939

Ion Ratio Lower Upper

278 100

139 12.5 9.7 14.5

279 24.4 18.2 27.2



#92

Benzo(g,h,i)perylene

Concen: 50.441 ng

RT: 28.941 min Scan# 4400

Delta R.T. 0.001 min

Lab File: BG064039.D

Acq: 3 Mar 2025 15:39

Tgt Ion:276 Resp: 785702

Ion Ratio Lower Upper

276 100

277 22.5 18.2 27.4

138 18.7 14.4 21.6

