

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
 Data File : BG064168.D
 Acq On : 3 Apr 2025 15:54
 Operator : RC/JU
 Sample : PB167417BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 16:36:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	30417	20.000	ng	# 0.00
21) Naphthalene-d8	10.649	136	141528	20.000	ng	0.00
39) Acenaphthene-d10	14.486	164	108608	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	254903	20.000	ng	0.00
76) Chrysene-d12	21.460	240	246118	20.000	ng	0.00
86) Perylene-d12	24.474	264	269153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	266639	136.878	ng	0.00
7) Phenol-d6	7.030	99	369474	139.422	ng	0.00
23) Nitrobenzene-d5	9.010	82	251591	98.238	ng	0.00
42) 2,4,6-Tribromophenol	15.972	330	204910	169.732	ng	0.00
45) 2-Fluorobiphenyl	13.111	172	638326	89.211	ng	0.00
79) Terphenyl-d14	19.844	244	1170951	96.200	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.357	88	24873	28.174	ng	95
3) Pyridine	3.745	79	70119	32.658	ng	98
4) n-Nitrosodimethylamine	3.663	42	59681	38.905	ng	94
6) Aniline	7.182	93	83006	31.921	ng	98
8) 2-Chlorophenol	7.423	128	104100	49.757	ng	93
9) Benzaldehyde	6.994	77	59626	38.687	ng	97
10) Phenol	7.053	94	131773	48.567	ng	96
11) bis(2-Chloroethyl)ether	7.282	93	89599	42.122	ng	98
12) 1,3-Dichlorobenzene	7.746	146	99296	43.219	ng	94
13) 1,4-Dichlorobenzene	7.893	146	103512	43.956	ng	96
14) 1,2-Dichlorobenzene	8.211	146	99154	43.665	ng	99
15) Benzyl Alcohol	8.093	79	105973	51.749	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.387	45	210818	44.077	ng	98
17) 2-Methylphenol	8.299	107	95523	53.047	ng	95
18) Hexachloroethane	8.939	117	40859	49.591	ng	96
19) n-Nitroso-di-n-propyla...	8.663	70	85381	45.909	ng	# 98
20) 3+4-Methylphenols	8.628	107	130599	52.681	ng	91
22) Acetophenone	8.675	105	166307	42.858	ng	99
24) Nitrobenzene	9.051	77	126537	47.809	ng	95
25) Isophorone	9.580	82	241373	47.087	ng	# 93
26) 2-Nitrophenol	9.762	139	54712	57.237	ng	94
27) 2,4-Dimethylphenol	9.826	122	109428	71.210	ng	98
28) bis(2-Chloroethoxy)met...	10.061	93	139450	44.871	ng	96
29) 2,4-Dichlorophenol	10.296	162	105470	54.354	ng	97
30) 1,2,4-Trichlorobenzene	10.514	180	105729	45.136	ng	93
31) Naphthalene	10.696	128	334649	43.850	ng	98
32) Benzoic acid	9.973	122	77565	53.705	ng	89
33) 4-Chloroaniline	10.802	127	32095	11.507	ng	98
34) Hexachlorobutadiene	10.990	225	73110	47.617	ng	93
35) Caprolactam	11.571	113	22366	30.078	ng	95
36) 4-Chloro-3-methylphenol	11.930	107	138489	54.448	ng	97
37) 2-Methylnaphthalene	12.306	142	232250	43.108	ng	98
38) 1-Methylnaphthalene	12.523	142	247486	46.888	ng	96
40) 1,2,4,5-Tetrachloroben...	12.676	216	133528	43.064	ng	# 96
41) Hexachlorocyclopentadiene	12.664	237	204472	234.300	ng	97
43) 2,4,6-Trichlorophenol	12.917	196	96185	52.634	ng	95

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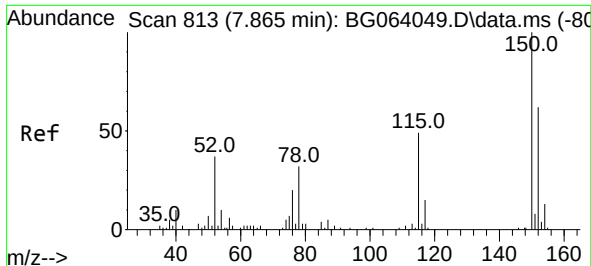
Quant Time: Apr 03 16:36:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	106746	52.570	ng	93
46) 1,1'-Biphenyl	13.322	154	371310	45.252	ng	98
47) 2-Chloronaphthalene	13.358	162	266866	44.593	ng	97
48) 2-Nitroaniline	13.557	65	108221	53.264	ng	95
49) Acenaphthylene	14.204	152	473842	50.059	ng	99
50) Dimethylphthalate	13.945	163	377274	47.058	ng	99
51) 2,6-Dinitrotoluene	14.057	165	80679	49.492	ng	94
52) Acenaphthene	14.550	154	285456	44.936	ng	98
53) 3-Nitroaniline	14.386	138	31530	20.349	ng	98
54) 2,4-Dinitrophenol	14.591	184	95081	134.278	ng	# 78
55) Dibenzofuran	14.885	168	461611	44.855	ng	97
56) 4-Nitrophenol	14.697	139	144825	111.445	ng	89
57) 2,4-Dinitrotoluene	14.844	165	120665	53.329	ng	# 90
58) Fluorene	15.531	166	380310	47.448	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.108	232	110108	55.622	ng	95
60) Diethylphthalate	15.314	149	414523	47.628	ng	99
61) 4-Chlorophenyl-phenyle...	15.531	204	189045	47.462	ng	92
62) 4-Nitroaniline	15.549	138	84301	50.392	ng	91
63) Azobenzene	15.819	77	412121	44.374	ng	98
65) 4,6-Dinitro-2-methylph...	15.608	198	71553	62.085	ng	93
66) n-Nitrosodiphenylamine	15.743	169	342513	47.470	ng	96
67) 4-Bromophenyl-phenylether	16.419	248	129346	49.545	ng	94
68) Hexachlorobenzene	16.536	284	139889	47.862	ng	98
69) Atrazine	16.695	200	140075	65.981	ng	93
70) Pentachlorophenol	16.877	266	184731	101.796	ng	99
71) Phenanthrene	17.271	178	635580	46.748	ng	98
72) Anthracene	17.359	178	650403	48.109	ng	98
73) Carbazole	17.623	167	587819	46.569	ng	99
74) Di-n-butylphthalate	18.199	149	721564	48.564	ng	99
75) Fluoranthene	19.280	202	725017	44.233	ng	98
77) Benzidine	19.456	184	185291	54.369	ng	99
78) Pyrene	19.638	202	747040	47.087	ng	100
80) Butylbenzylphthalate	20.537	149	321098	53.486	ng	99
81) Benzo(a)anthracene	21.442	228	754927	47.885	ng	97
82) 3,3'-Dichlorobenzidine	21.360	252	122034	23.917	ng	97
83) Chrysene	21.501	228	715499	45.503	ng	99
84) Bis(2-ethylhexyl)phtha...	21.372	149	472993	55.474	ng	100
85) Di-n-octyl phthalate	22.512	149	804684	54.716	ng	98
87) Indeno(1,2,3-cd)pyrene	27.876	276	881127	48.929	ng	# 95
88) Benzo(b)fluoranthene	23.522	252	735146	45.181	ng	99
89) Benzo(k)fluoranthene	23.587	252	745062	45.644	ng	100
90) Benzo(a)pyrene	24.333	252	714424	49.301	ng	99
91) Dibenzo(a,h)anthracene	27.935	278	738993	49.498	ng	99
92) Benzo(g,h,i)perylene	28.933	276	697649	45.513	ng	97

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

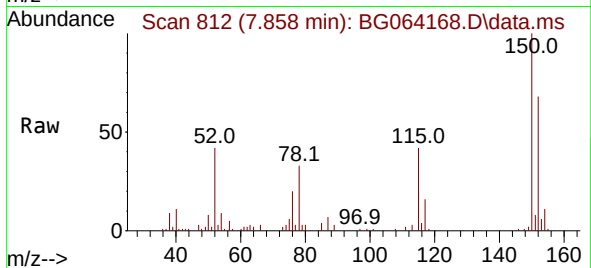
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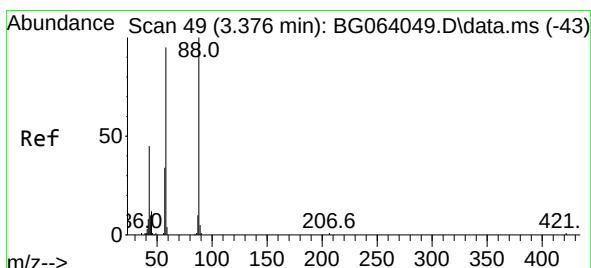
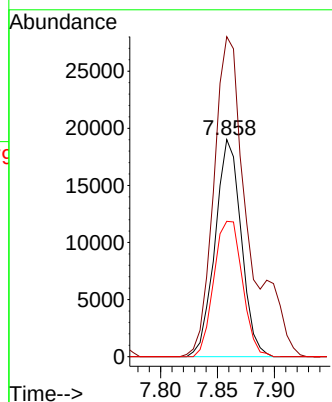
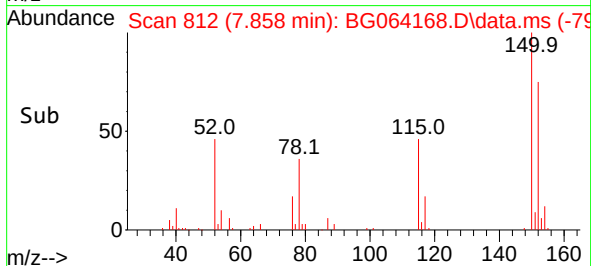


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

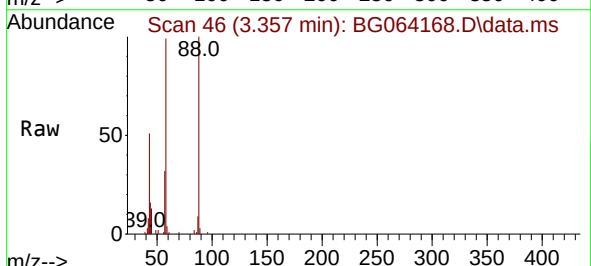
Instrument :
BNA_G
ClientSampleId :



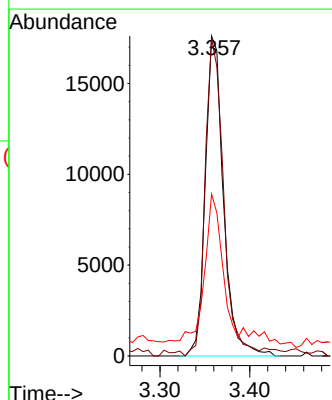
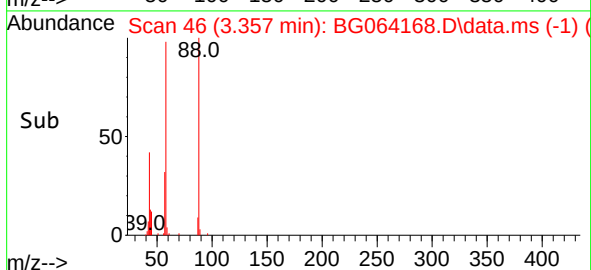
Tgt Ion:152 Resp: 30417
Ion Ratio Lower Upper
152 100
150 147.4 129.2 193.8
115 62.4 63.0 94.6#

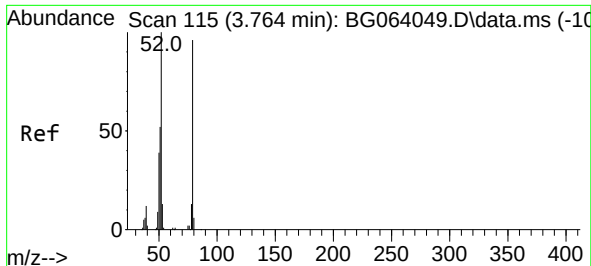


#2
1,4-Dioxane
Concen: 28.174 ng
RT: 3.357 min Scan# 46
Delta R.T. -0.018 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



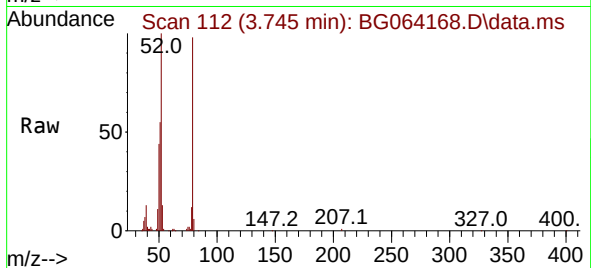
Tgt Ion: 88 Resp: 24873
Ion Ratio Lower Upper
88 100
58 99.2 74.6 111.8
43 43.3 35.5 53.3



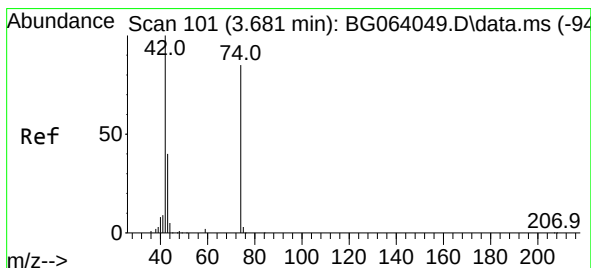
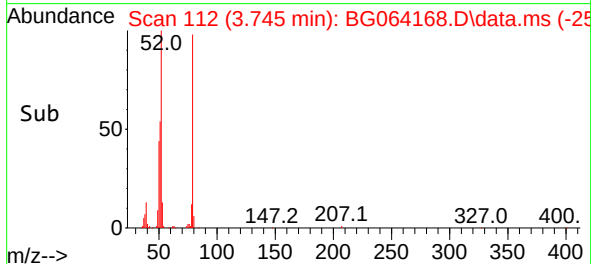
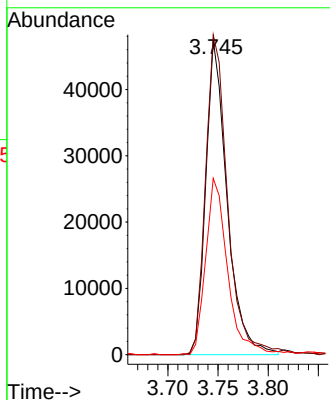


#3
Pyridine
Concen: 32.658 ng
RT: 3.745 min Scan# 115
Delta R.T. -0.018 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

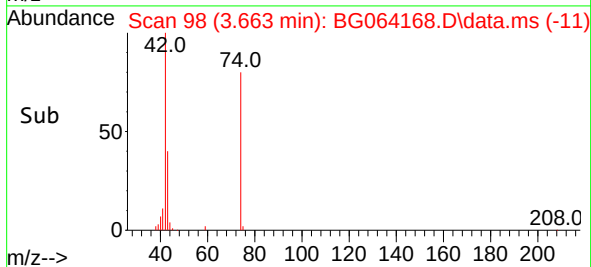
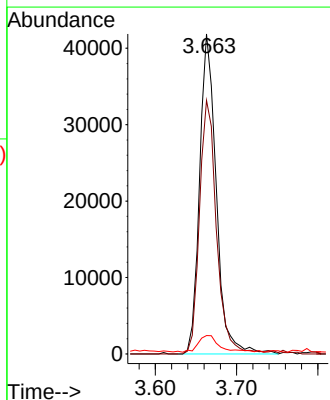
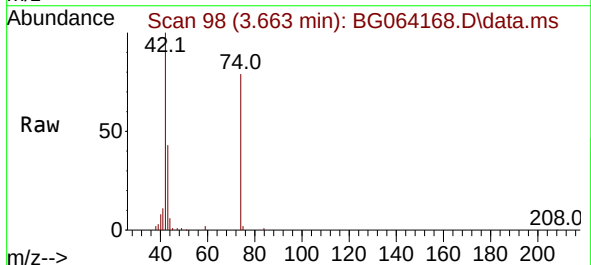


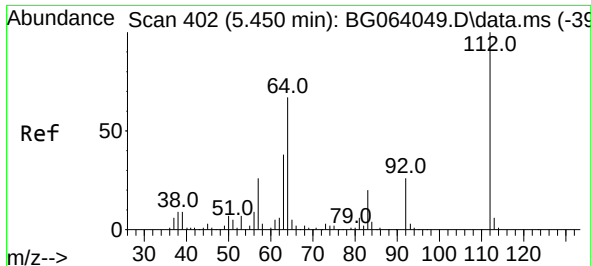
Tgt Ion: 79 Resp: 70119
Ion Ratio Lower Upper
79 100
52 101.5 83.0 124.6
51 56.0 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 38.905 ng
RT: 3.663 min Scan# 98
Delta R.T. -0.018 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

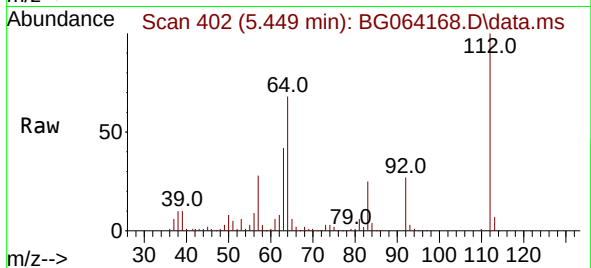
Tgt Ion: 42 Resp: 59681
Ion Ratio Lower Upper
42 100
74 79.2 68.0 102.0
44 5.7 4.9 7.3



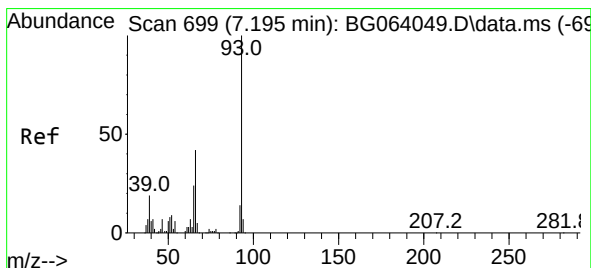
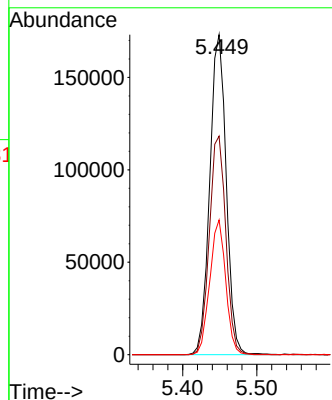
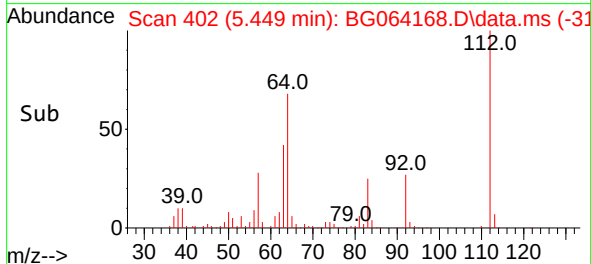


#5
2-Fluorophenol
Concen: 136.878 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

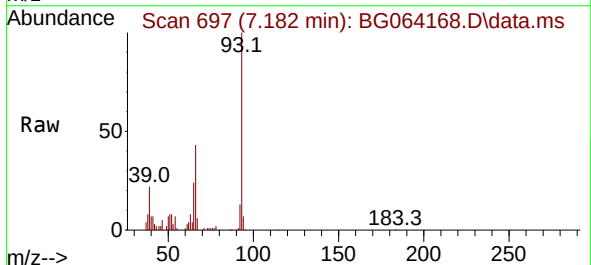
Instrument :
BNA_G
ClientSampleId :



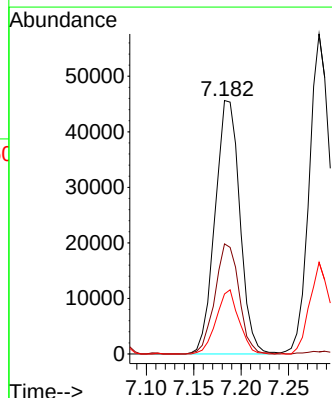
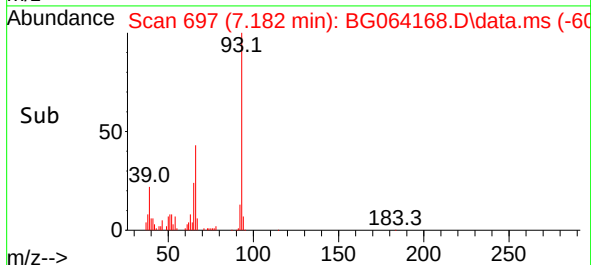
Tgt Ion:112 Resp: 266639
Ion Ratio Lower Upper
112 100
64 68.3 53.7 80.5
63 42.1 30.2 45.4

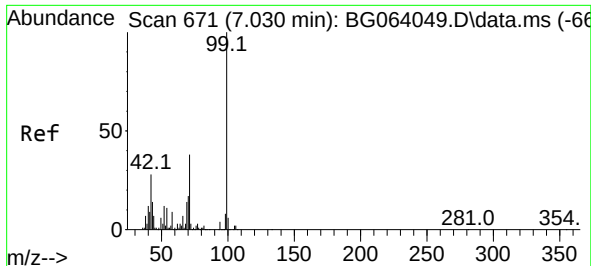


#6
Aniline
Concen: 31.921 ng
RT: 7.182 min Scan# 697
Delta R.T. -0.012 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



Tgt Ion: 93 Resp: 83006
Ion Ratio Lower Upper
93 100
66 43.4 33.7 50.5
65 23.7 19.1 28.7

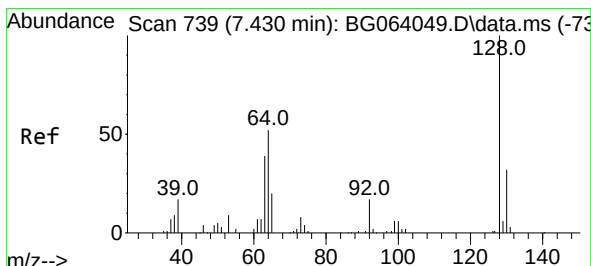
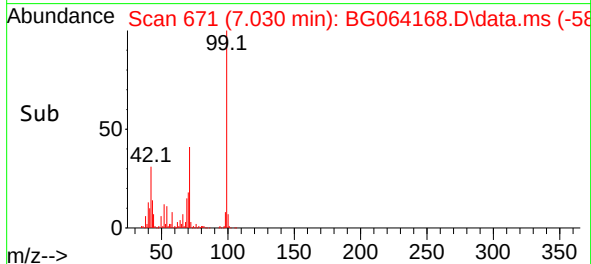
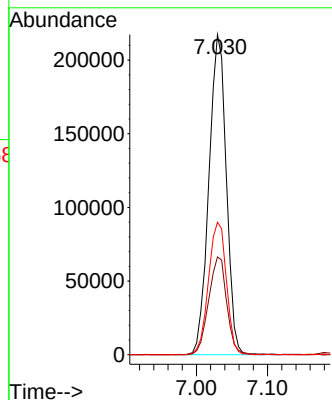
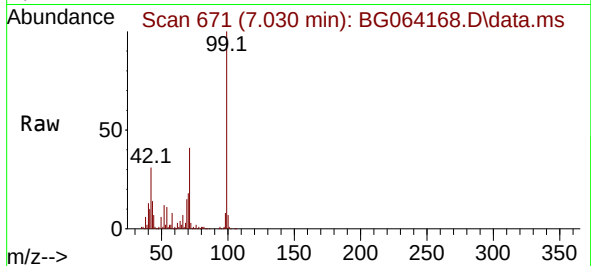




#7
Phenol-d6
Concen: 139.422 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

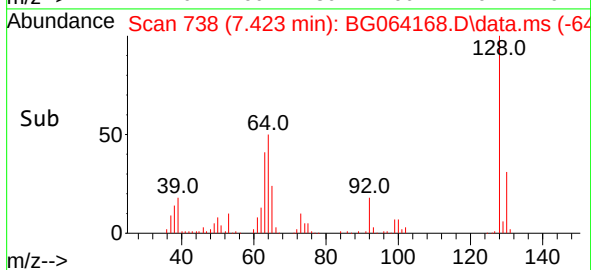
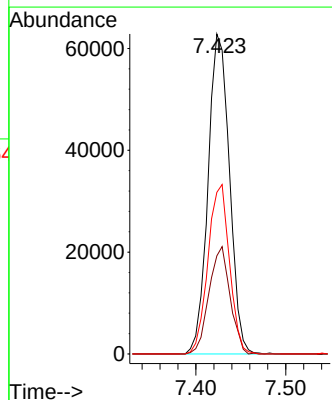
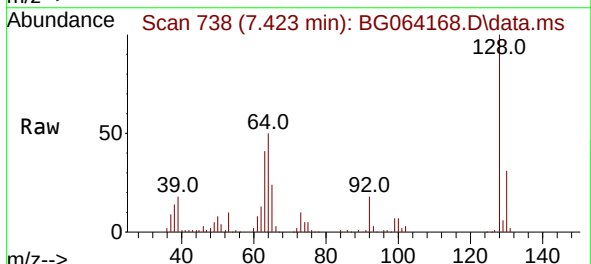
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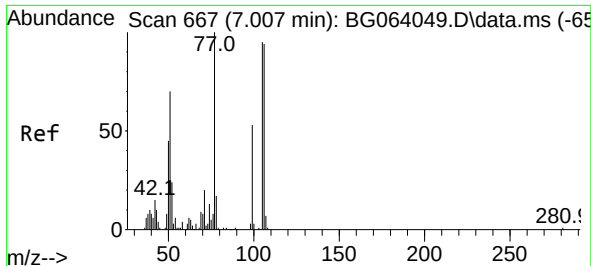
Tgt Ion: 99 Resp: 369474
Ion Ratio Lower Upper
99 100
42 30.6 22.7 34.1
71 41.4 30.6 46.0



#8
2-Chlorophenol
Concen: 49.757 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

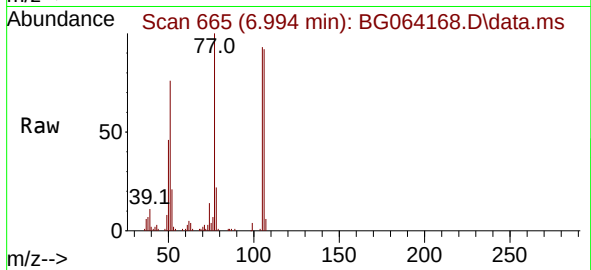
Tgt Ion: 128 Resp: 104100
Ion Ratio Lower Upper
128 100
130 30.7 12.3 52.3
64 50.5 37.0 77.0



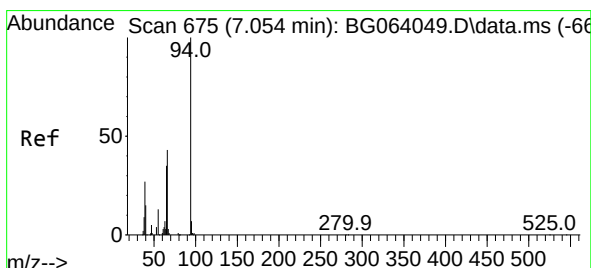
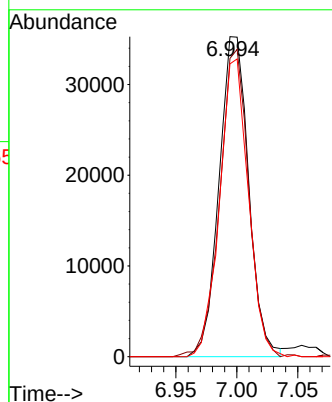
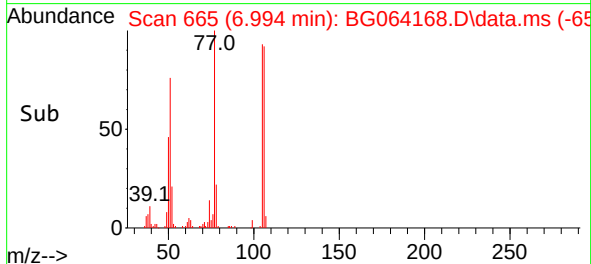


#9
Benzaldehyde
Concen: 38.687 ng
RT: 6.994 min Scan# 665
Delta R.T. -0.013 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

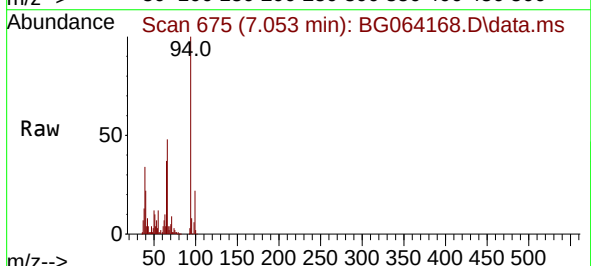
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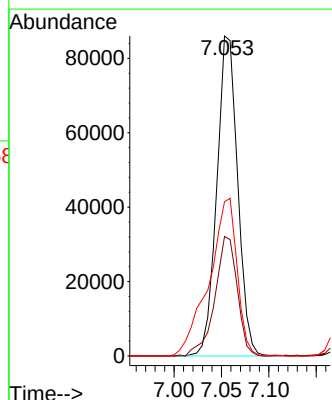
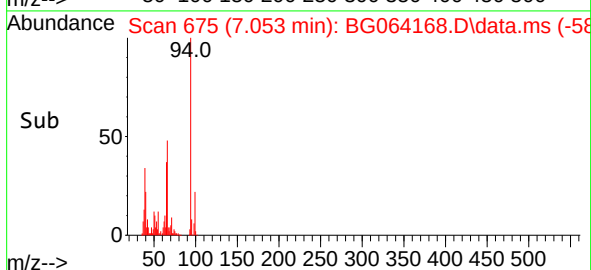
Tgt Ion: 77 Resp: 59626
Ion Ratio Lower Upper
77 100
105 93.2 75.5 115.5
106 91.5 74.2 114.2

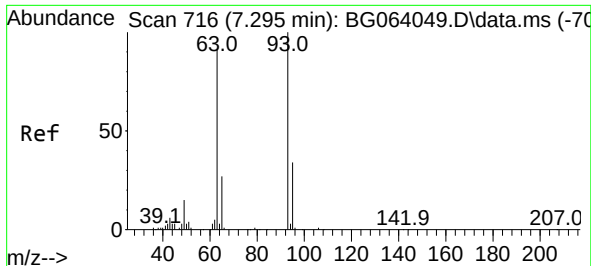


#10
Phenol
Concen: 48.567 ng
RT: 7.053 min Scan# 675
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



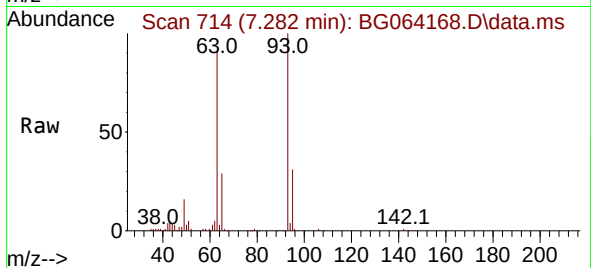
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Ion Ratio Lower Upper
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65 37.4 15.2 55.2
66 48.2 25.1 65.1



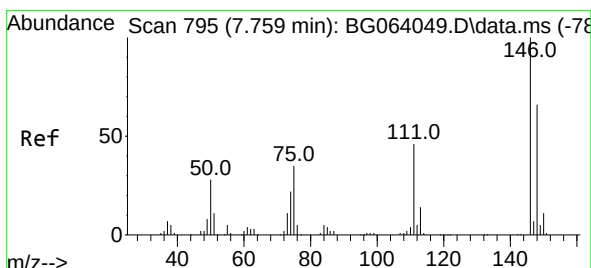
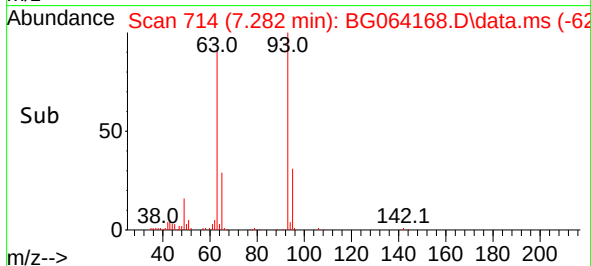
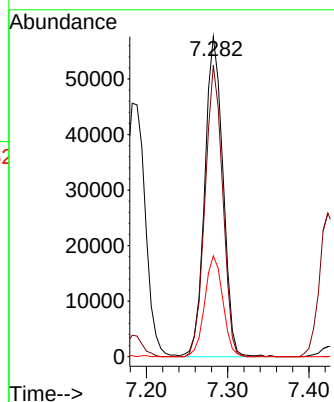


#11
bis(2-Chloroethyl)ether
Concen: 42.122 ng
RT: 7.282 min Scan# 716
Delta R.T. -0.013 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

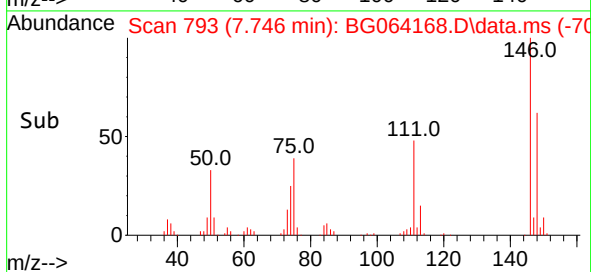
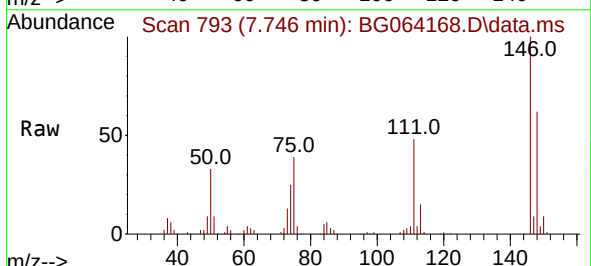
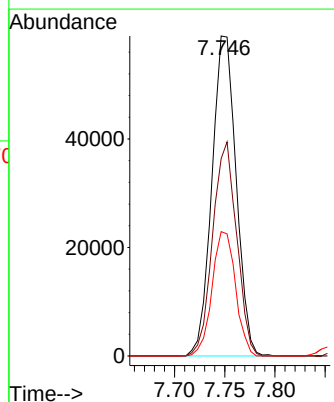


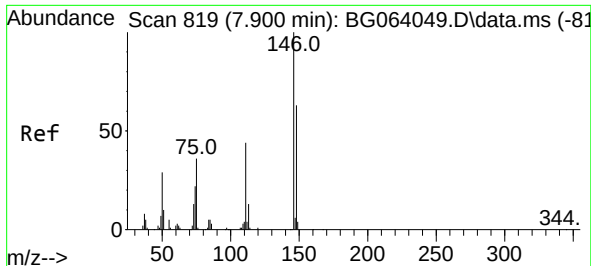
Tgt Ion: 93 Resp: 89599
Ion Ratio Lower Upper
93 100
63 91.1 70.0 110.0
95 31.5 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 43.219 ng
RT: 7.746 min Scan# 793
Delta R.T. -0.012 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:146 Resp: 99296
Ion Ratio Lower Upper
146 100
148 61.6 52.6 78.8
75 38.9 28.1 42.1

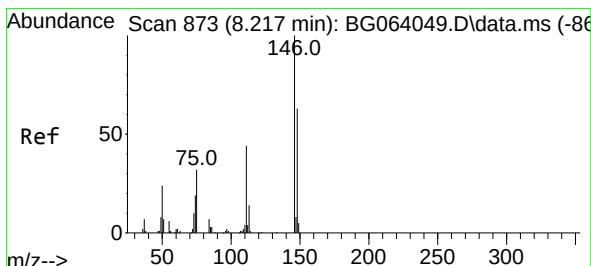
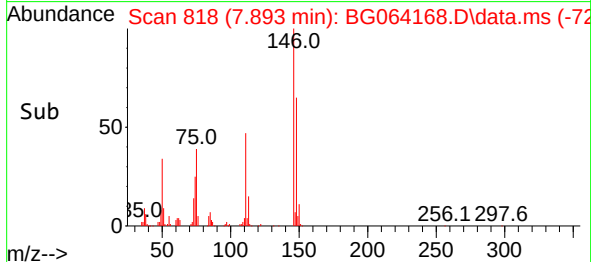
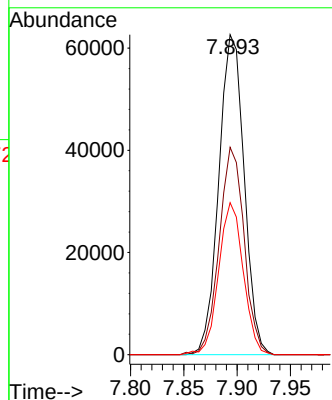
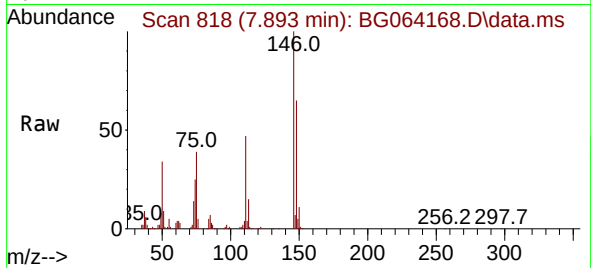




#13
1,4-Dichlorobenzene
Concen: 43.956 ng
RT: 7.893 min Scan# 819
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

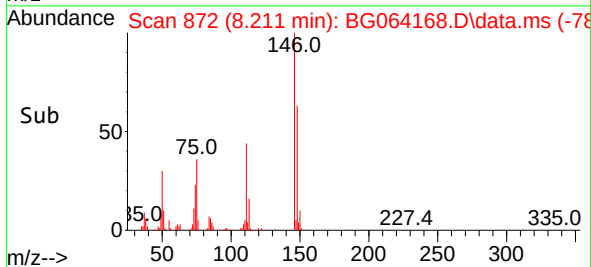
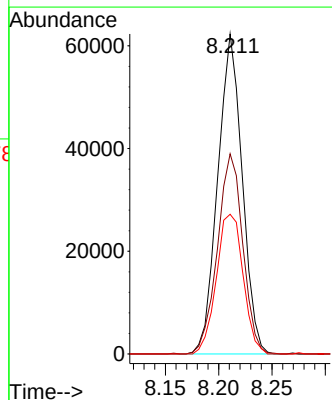
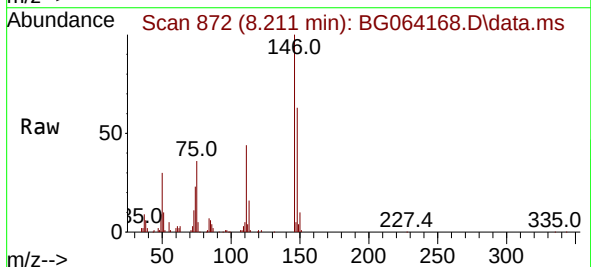
Instrument :
BNA_G
ClientSampleId :

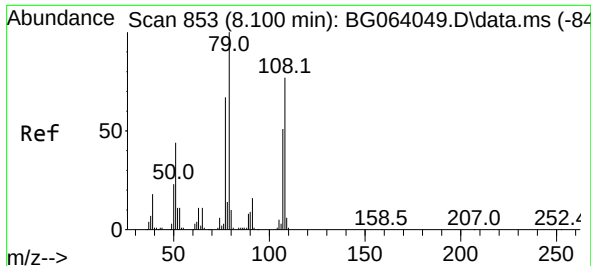
Tgt Ion:146 Resp: 103512
Ion Ratio Lower Upper
146 100
148 64.8 50.6 75.8
111 47.5 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 43.665 ng
RT: 8.211 min Scan# 872
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

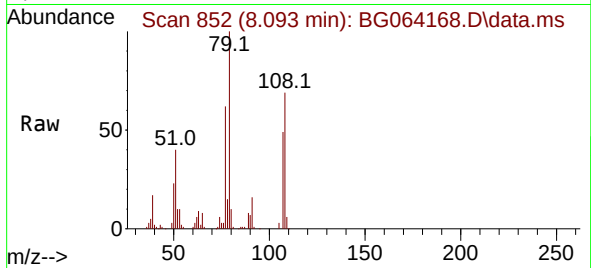
Tgt Ion:146 Resp: 99154
Ion Ratio Lower Upper
146 100
148 62.6 50.2 75.2
111 43.7 36.4 54.6



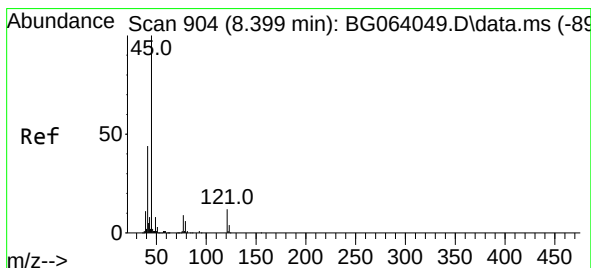
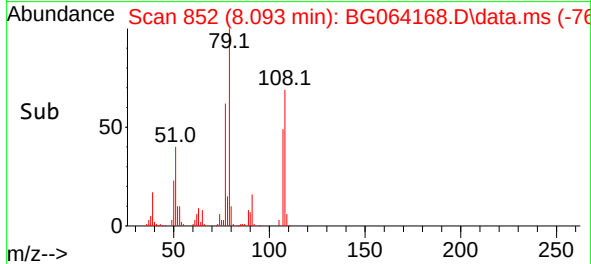
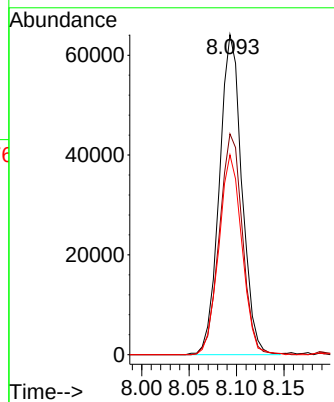


#15
Benzyl Alcohol
Concen: 51.749 ng
RT: 8.093 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

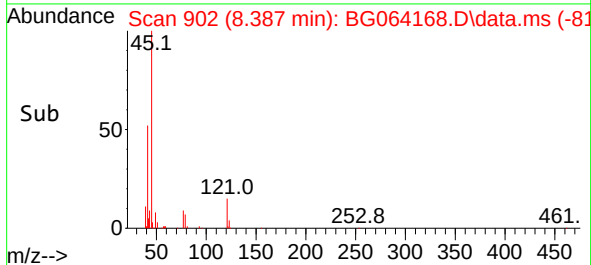
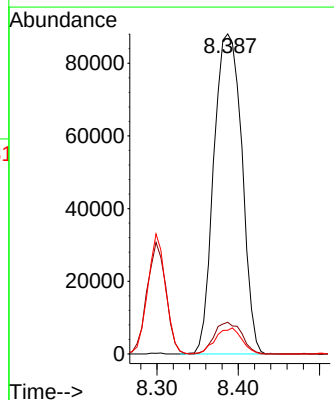
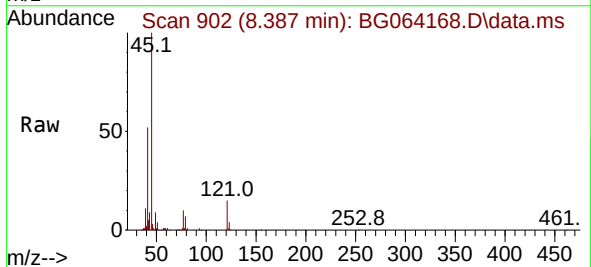


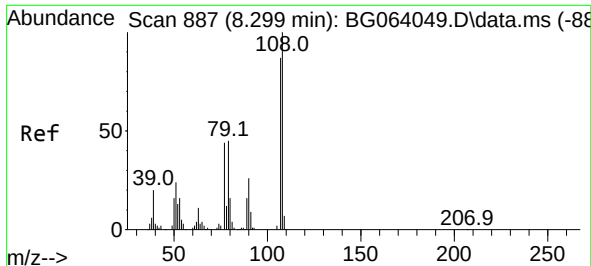
Tgt Ion: 79 Resp: 105973
Ion Ratio Lower Upper
79 100
108 69.0 61.7 92.5
77 62.5 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.077 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

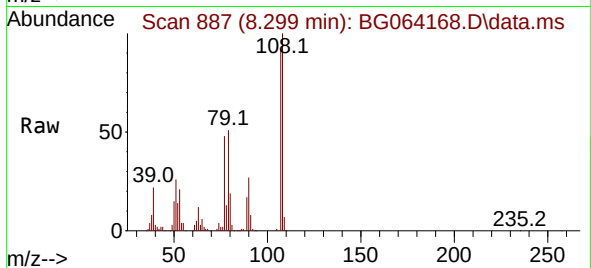
Tgt Ion: 45 Resp: 210818
Ion Ratio Lower Upper
45 100
77 9.9 0.0 29.0
79 7.4 0.0 26.6



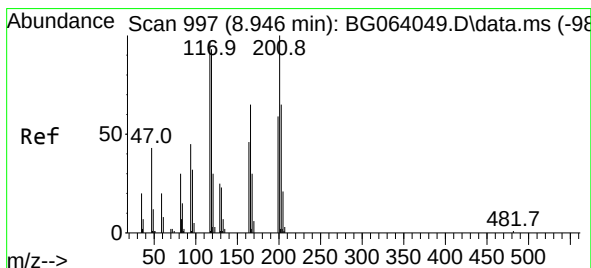
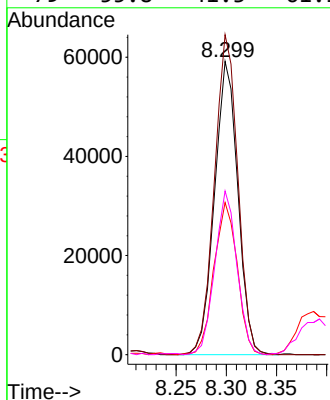
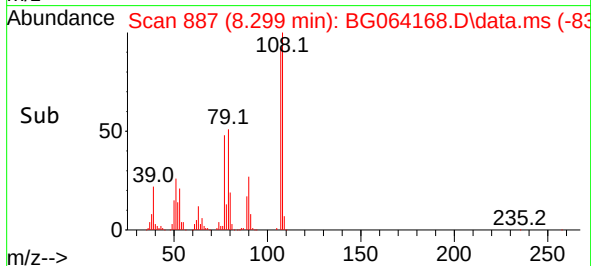


#17
2-Methylphenol
Concen: 53.047 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

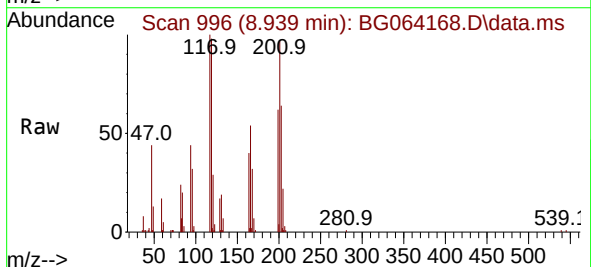
Instrument :
BNA_G
ClientSampleId :



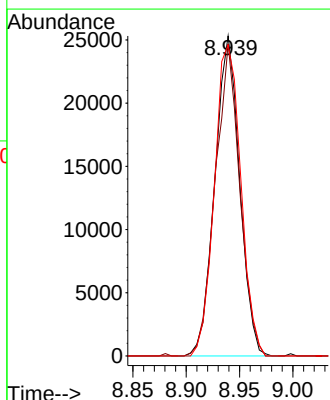
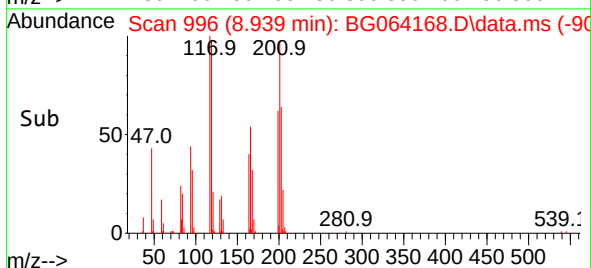
Tgt Ion:	107	Resp:	95523
Ion	Ratio	Lower	Upper
107	100		
108	109.1	92.5	138.7
77	51.9	40.5	60.7
79	55.8	41.3	61.9

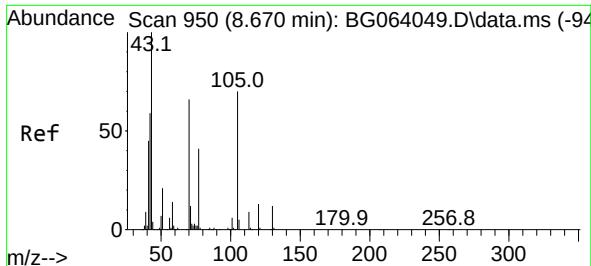


#18
Hexachloroethane
Concen: 49.591 ng
RT: 8.939 min Scan# 996
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



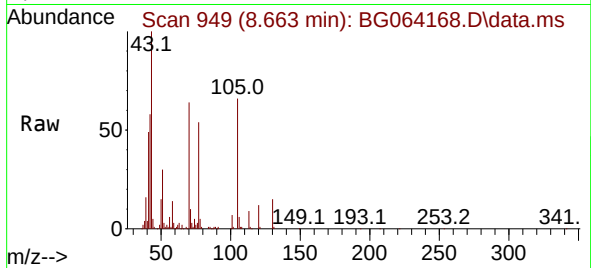
Tgt Ion:	117	Resp:	40859
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.2	114.2
201	97.2	81.5	122.3



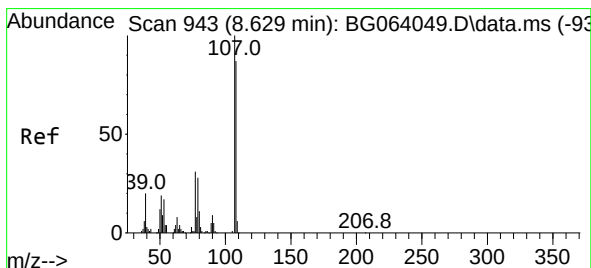
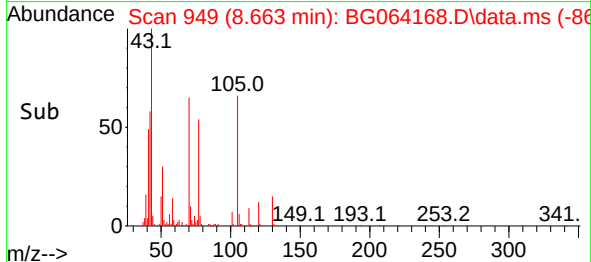
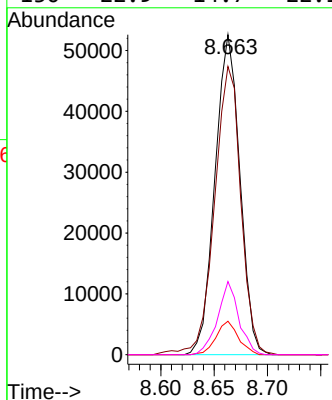


#19
n-Nitroso-di-n-propylamine
Concen: 45.909 ng
RT: 8.663 min Scan# 949
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

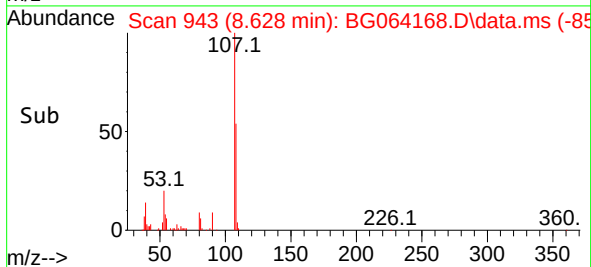
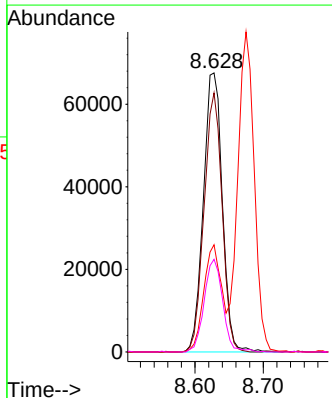
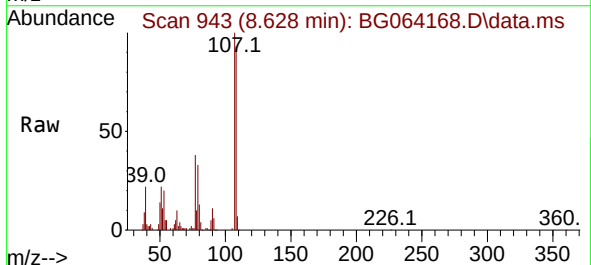


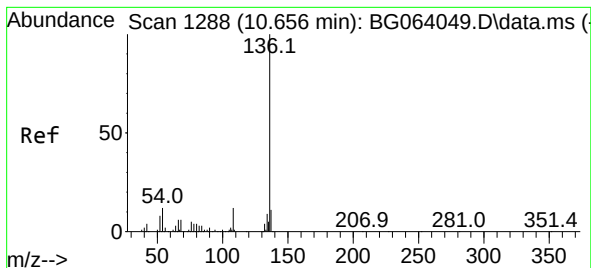
Tgt Ion: 70 Resp: 85381
Ion Ratio Lower Upper
70 100
42 90.1 72.1 108.1
101 10.5 7.2 10.8
130 22.9 14.7 22.1#



#20
3+4-Methylphenols
Concen: 52.681 ng
RT: 8.628 min Scan# 943
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

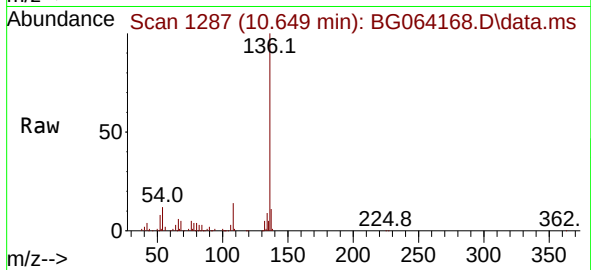
Tgt Ion: 107 Resp: 130599
Ion Ratio Lower Upper
107 100
108 92.8 67.0 107.0
77 38.4 11.2 51.2
79 33.2 7.7 47.7



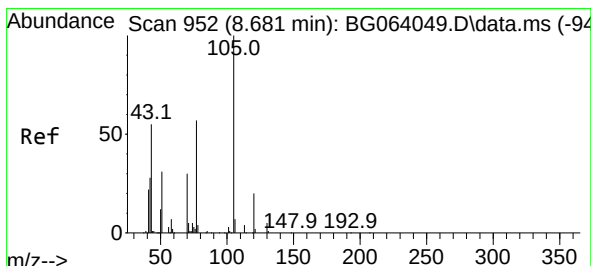
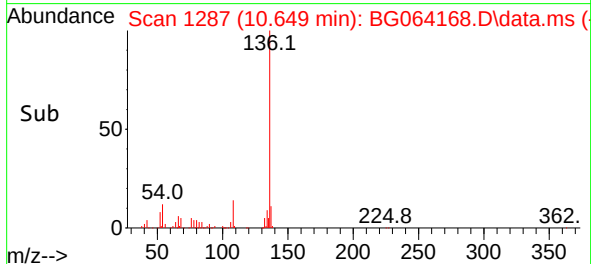
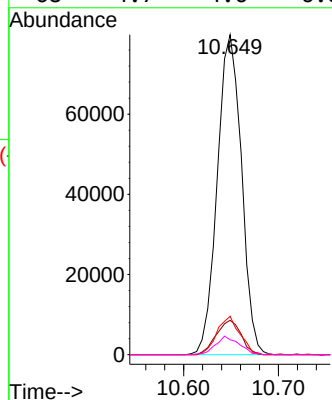


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

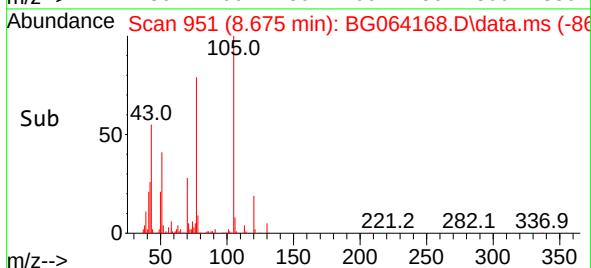
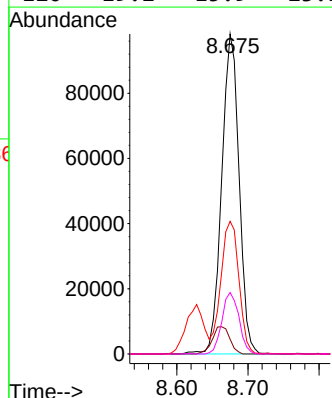
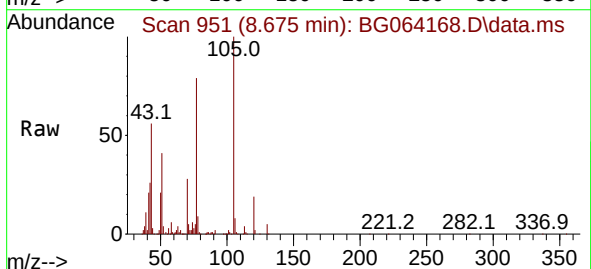


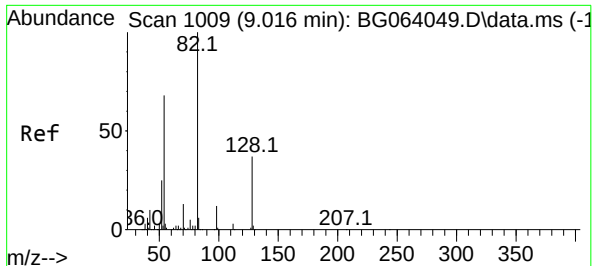
Tgt	Ion:136	Resp:	141528
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	12.0	9.9	14.9
68	4.7	4.6	6.8



#22
Acetophenone
Concen: 42.858 ng
RT: 8.675 min Scan# 951
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt	Ion:105	Resp:	166307
Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.2	6.4
51	41.5	33.3	49.9
120	19.2	15.9	23.9

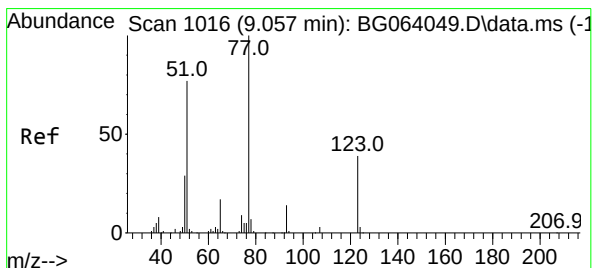
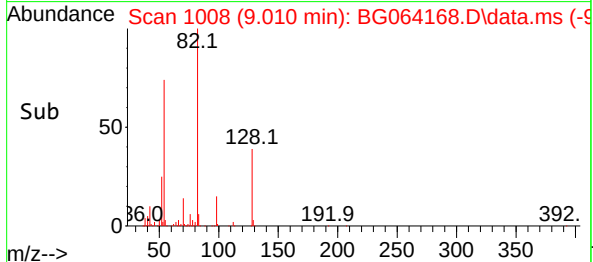
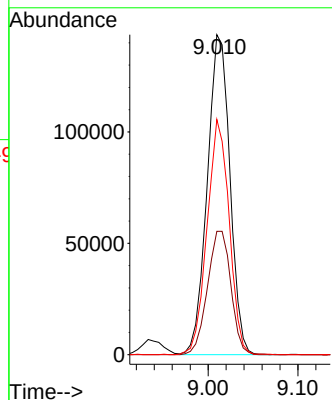
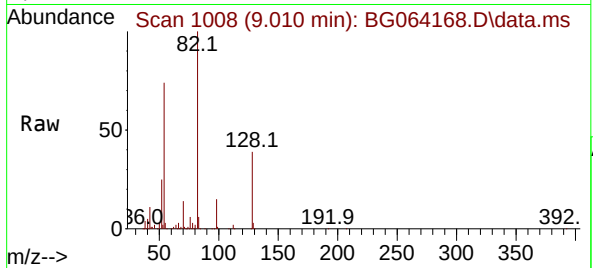




#23
Nitrobenzene-d5
Concen: 98.238 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

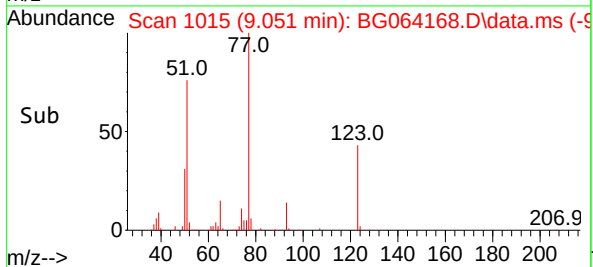
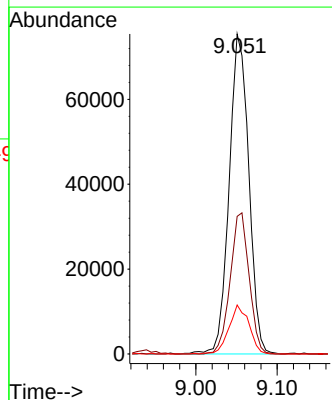
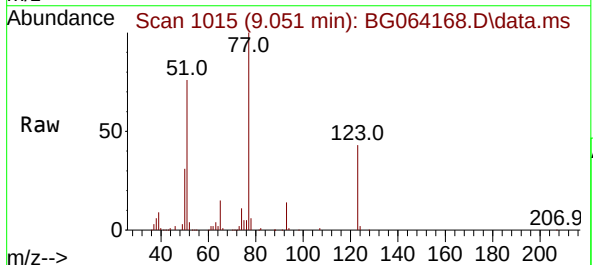
Instrument :
BNA_G
ClientSampleId :

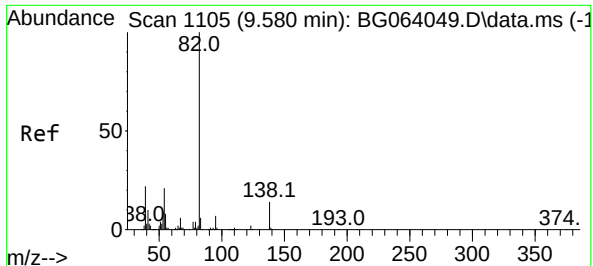
Tgt Ion: 82 Resp: 251591
Ion Ratio Lower Upper
82 100
128 38.6 30.0 45.0
54 73.5 54.7 82.1



#24
Nitrobenzene
Concen: 47.809 ng
RT: 9.051 min Scan# 1015
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion: 77 Resp: 126537
Ion Ratio Lower Upper
77 100
123 43.0 31.4 47.2
65 15.3 13.4 20.0

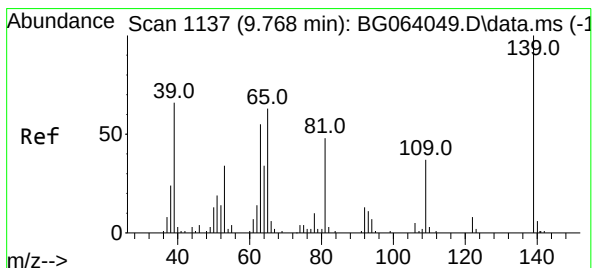
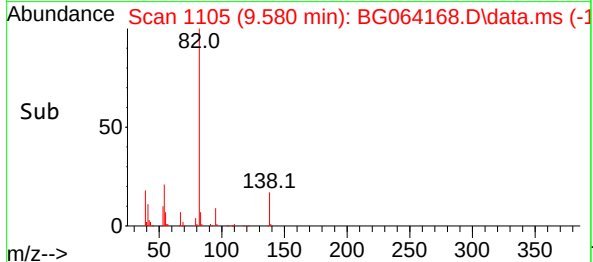
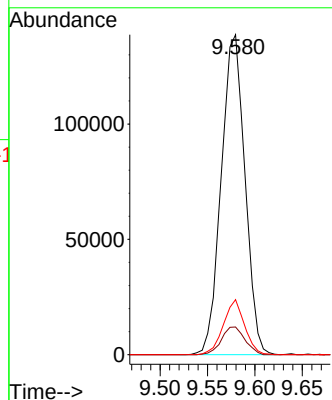
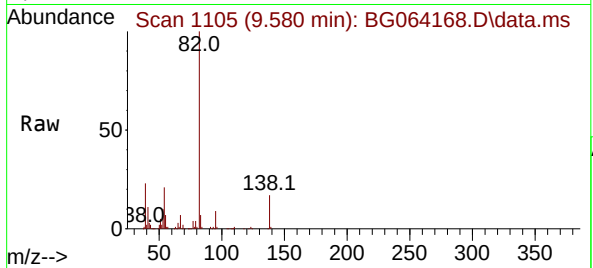




#25
Isophorone
Concen: 47.087 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

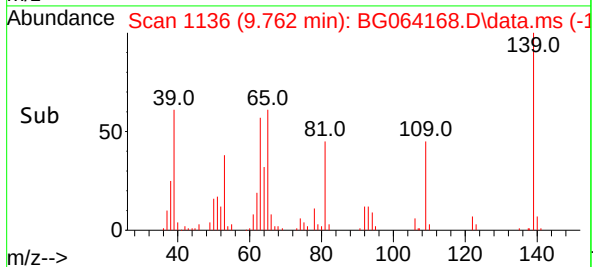
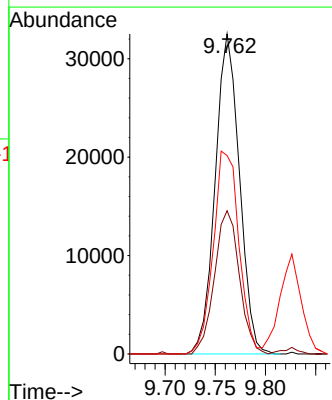
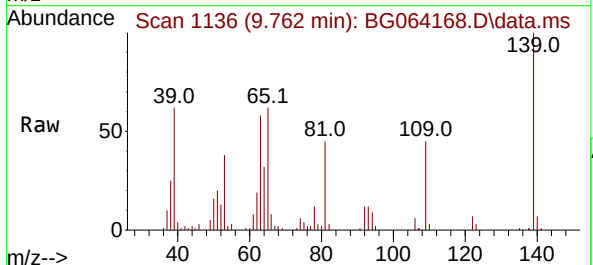
Instrument :
BNA_G
ClientSampleId :

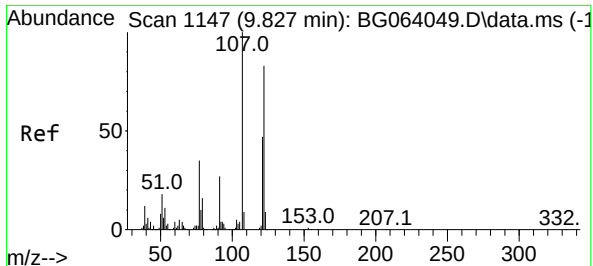
Tgt Ion: 82 Resp: 241373
Ion Ratio Lower Upper
82 100
95 8.7 5.8 8.8
138 17.2 10.9 16.3#



#26
2-Nitrophenol
Concen: 57.237 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:139 Resp: 54712
Ion Ratio Lower Upper
139 100
109 44.8 29.9 44.9
65 62.0 50.6 76.0

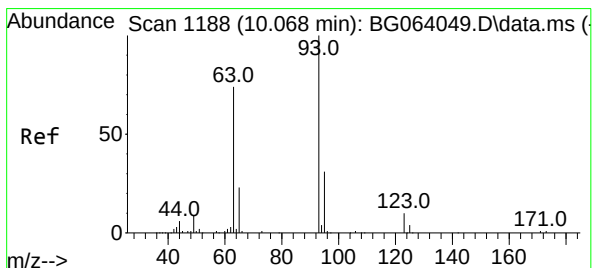
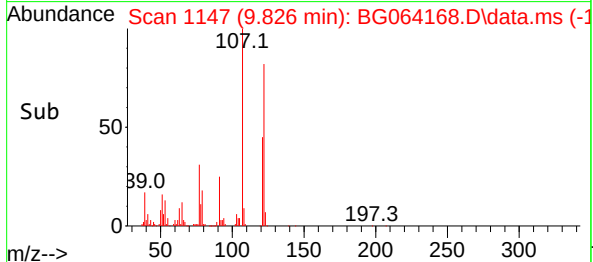
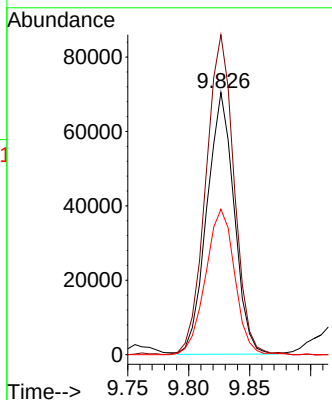
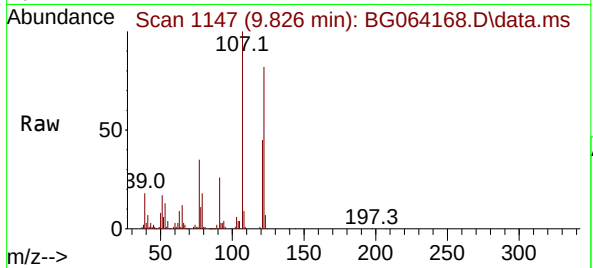




#27
2,4-Dimethylphenol
Concen: 71.210 ng
RT: 9.826 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

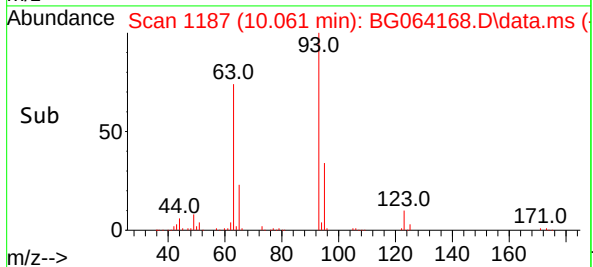
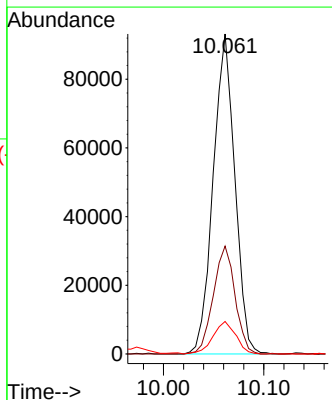
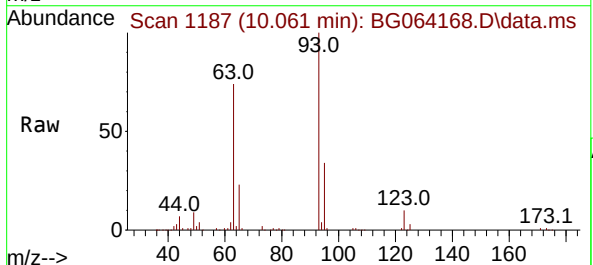
Instrument :
BNA_G
ClientSampleId :

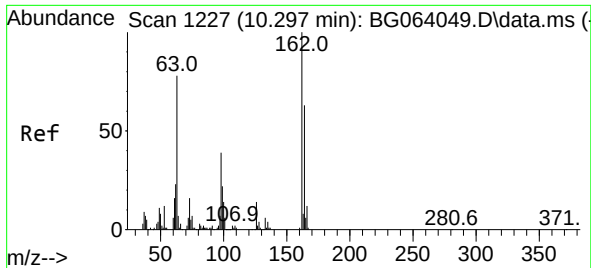
Tgt Ion:122 Resp: 109428
Ion Ratio Lower Upper
122 100
107 122.1 95.4 143.0
121 55.5 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 44.871 ng
RT: 10.061 min Scan# 1187
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

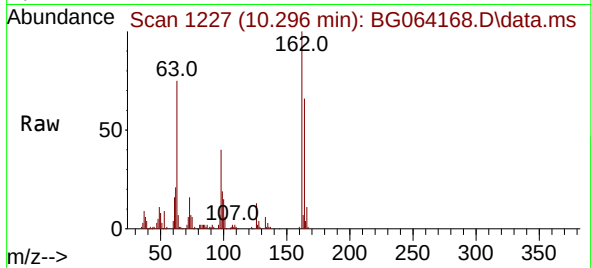
Tgt Ion: 93 Resp: 139450
Ion Ratio Lower Upper
93 100
95 33.7 25.0 37.4
123 10.2 7.6 11.4



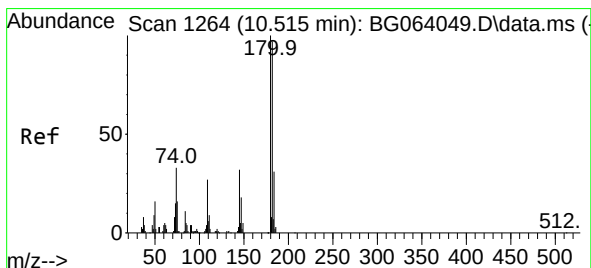
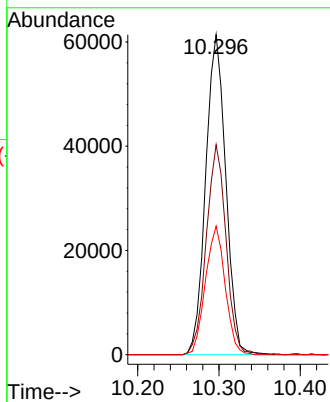
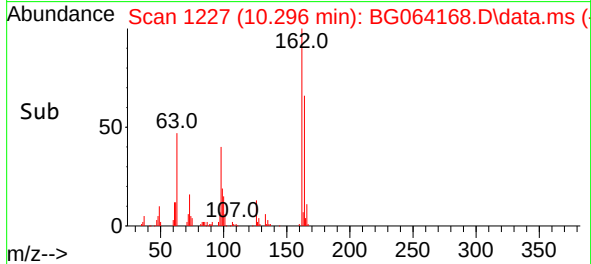


#29
 2,4-Dichlorophenol
 Concen: 54.354 ng
 RT: 10.296 min Scan# 1227
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

Instrument :
 BNA_G
 ClientSampleId :

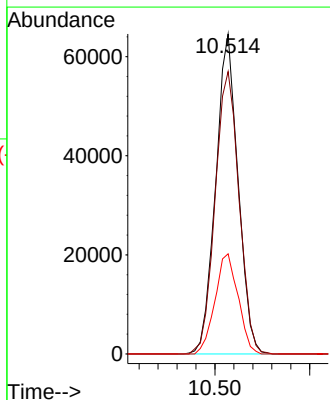
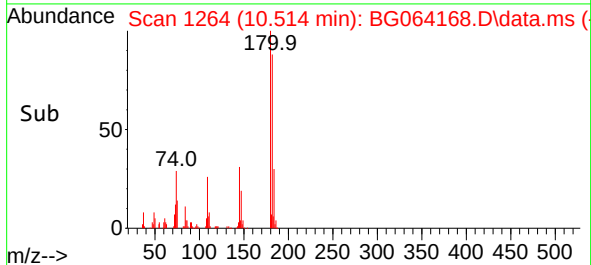
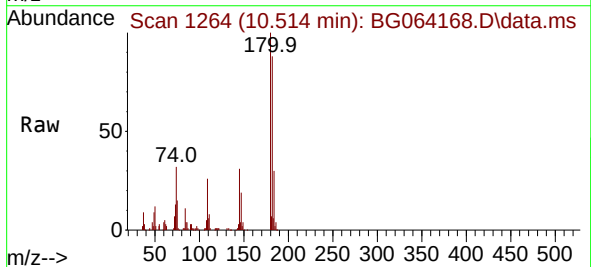


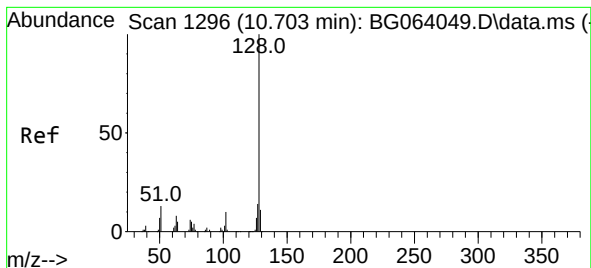
Tgt Ion:162 Resp: 105470
 Ion Ratio Lower Upper
 162 100
 164 65.6 42.8 82.8
 98 40.1 19.1 59.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.136 ng
 RT: 10.514 min Scan# 1264
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

Tgt Ion:180 Resp: 105729
 Ion Ratio Lower Upper
 180 100
 182 88.2 77.3 115.9
 145 31.3 25.2 37.8





#31

Naphthalene

Concen: 43.850 ng

RT: 10.696 min Scan# 1295

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

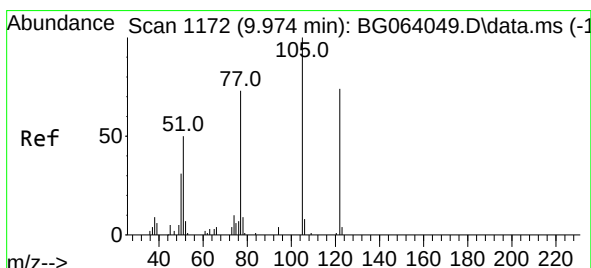
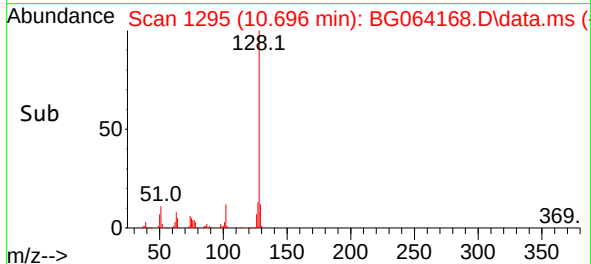
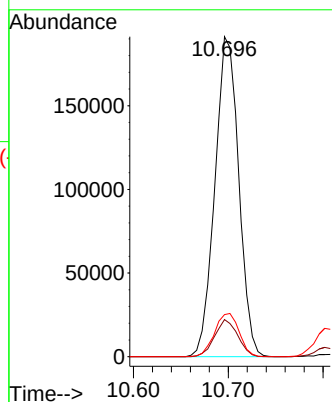
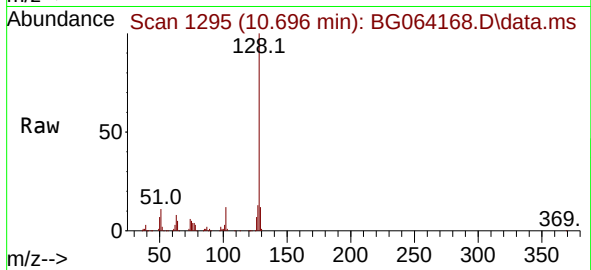
Tgt Ion:128 Resp: 334649

Ion Ratio Lower Upper

128 100

129 11.6 8.4 12.6

127 13.1 11.1 16.7



#32

Benzoic acid

Concen: 53.705 ng

RT: 9.973 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

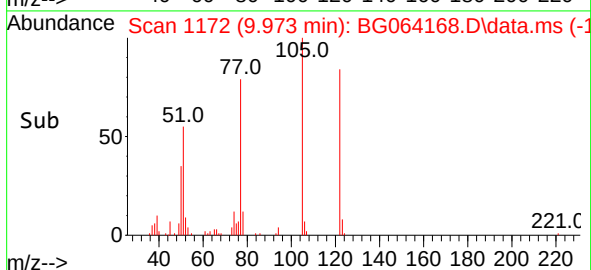
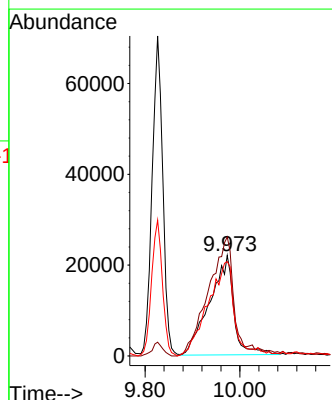
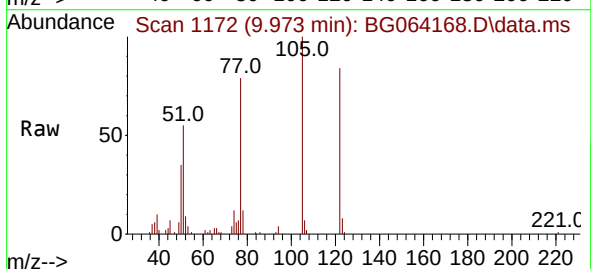
Tgt Ion:122 Resp: 77565

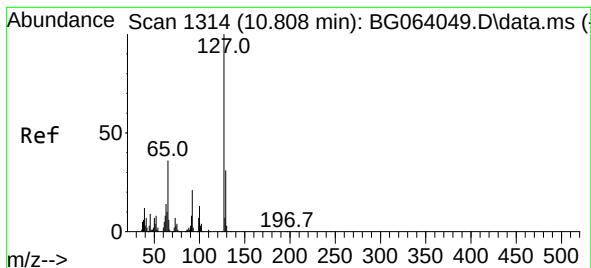
Ion Ratio Lower Upper

122 100

105 118.4 115.0 155.0

77 94.0 80.9 120.9

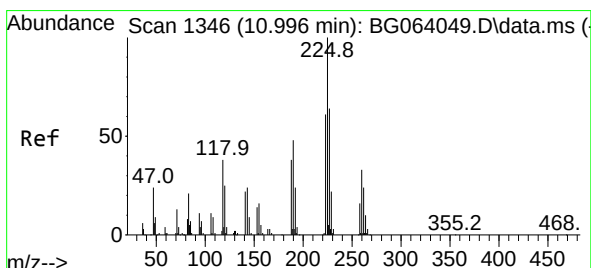
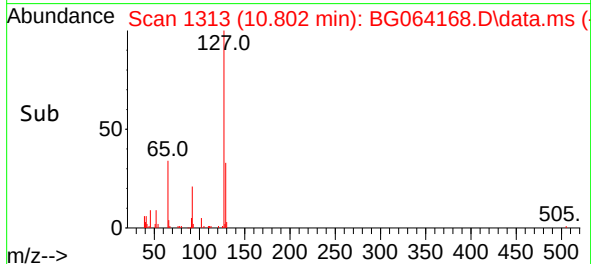
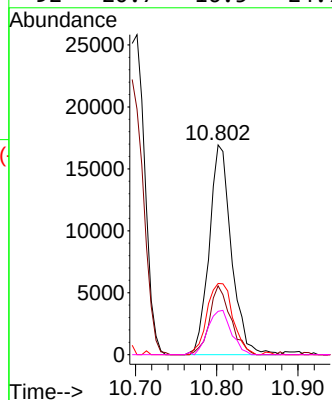
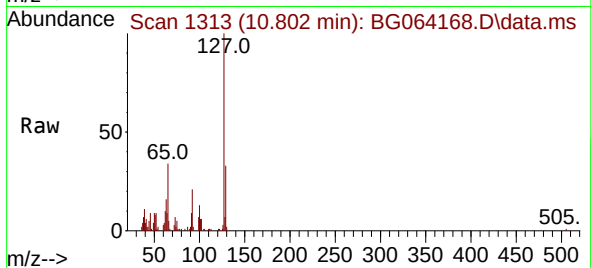




#33
4-Chloroaniline
Concen: 11.507 ng
RT: 10.802 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

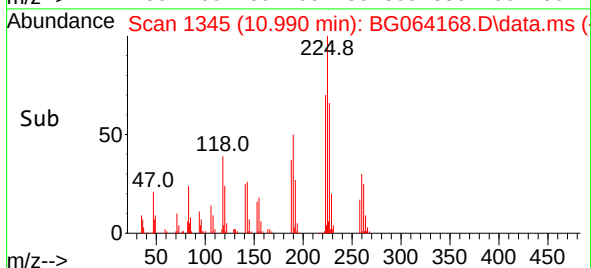
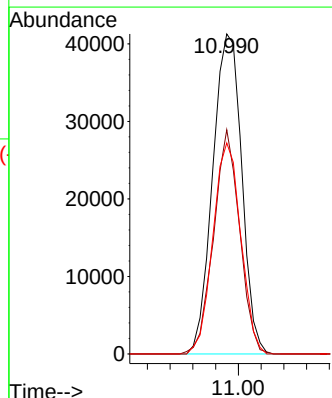
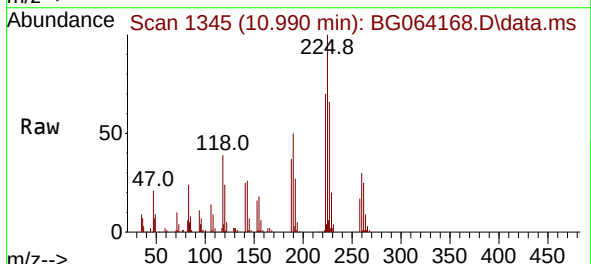
Instrument :
BNA_G
ClientSampleId :

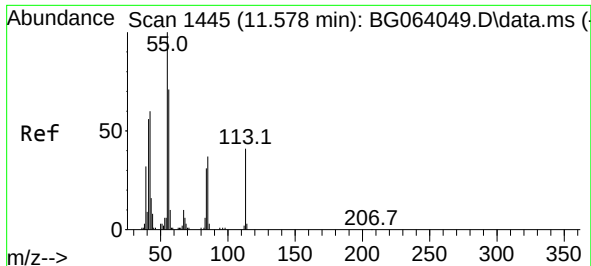
Tgt Ion:127	Resp:	32095
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.0 37.4
65	34.0	28.5 42.7
92	20.7	16.5 24.7



#34
Hexachlorobutadiene
Concen: 47.617 ng
RT: 10.990 min Scan# 1345
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:225	Resp:	73110
Ion Ratio	Lower	Upper
225	100	
223	70.0	48.5 72.7
227	65.9	51.0 76.6

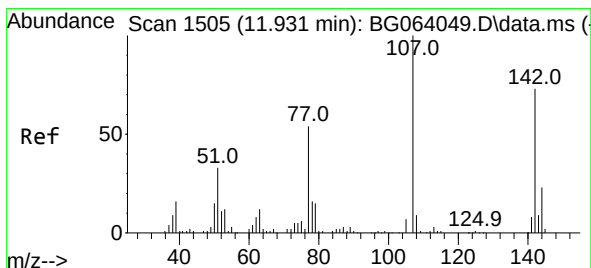
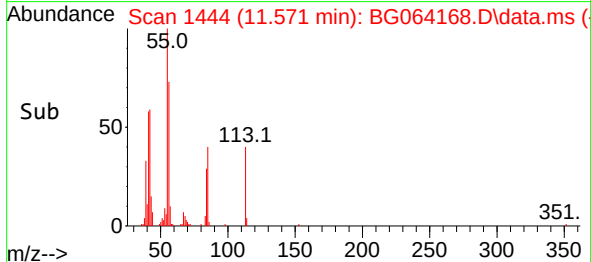
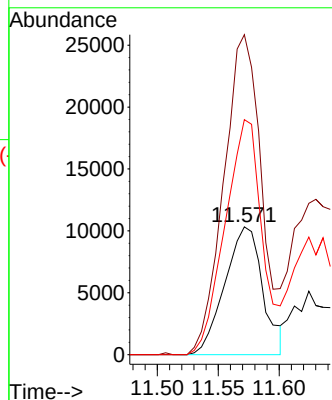
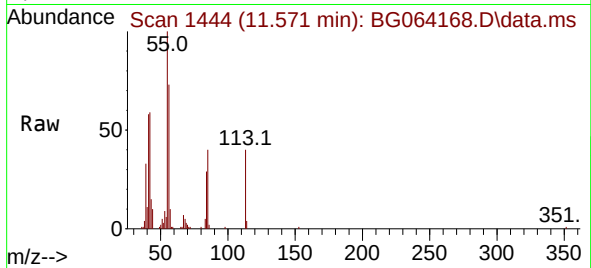




#35
Caprolactam
Concen: 30.078 ng
RT: 11.571 min Scan# 1444
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

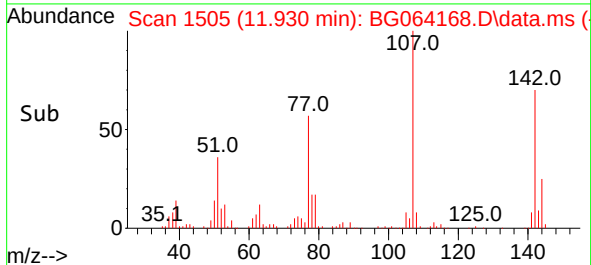
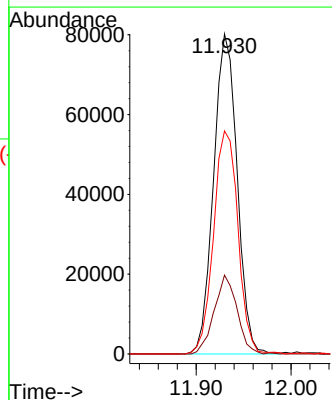
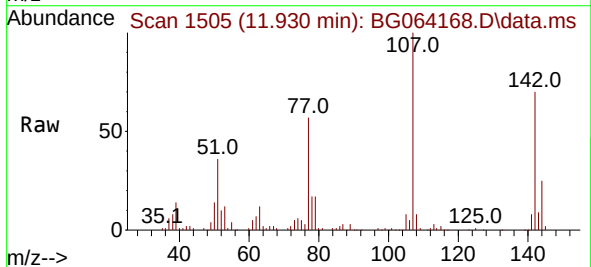
Instrument :
BNA_G
ClientSampleId :

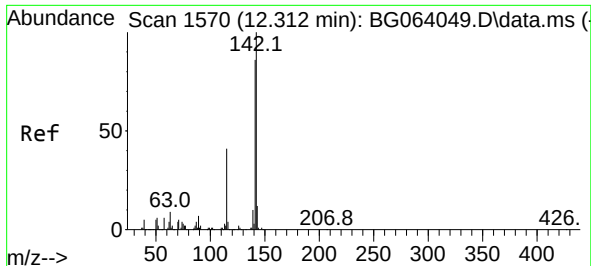
Tgt Ion:113 Resp: 22366
Ion Ratio Lower Upper
113 100
55 250.4 225.2 265.2
56 184.0 153.4 193.4



#36
4-Chloro-3-methylphenol
Concen: 54.448 ng
RT: 11.930 min Scan# 1505
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:107 Resp: 138489
Ion Ratio Lower Upper
107 100
144 24.6 18.6 28.0
142 69.7 58.0 87.0

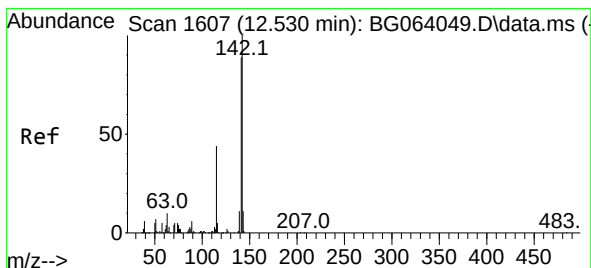
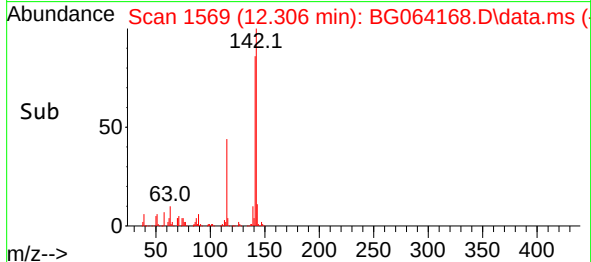
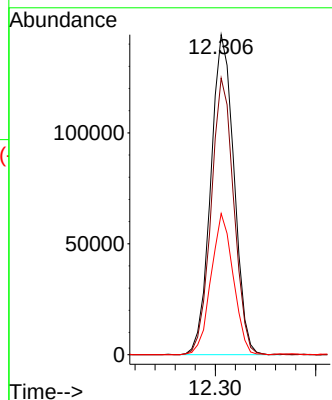
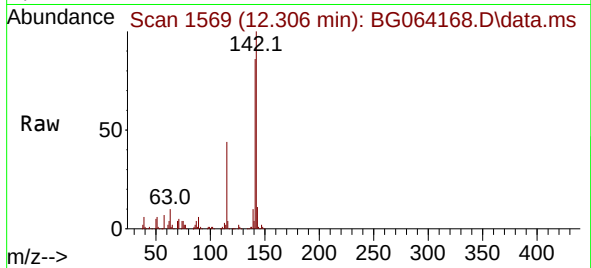




#37
2-Methylnaphthalene
Concen: 43.108 ng
RT: 12.306 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

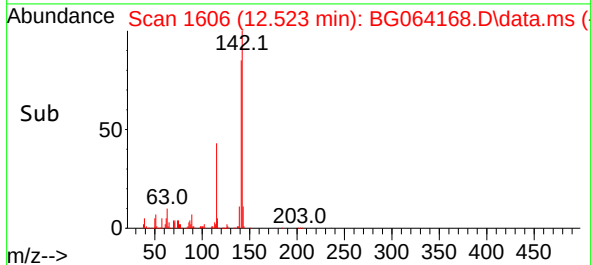
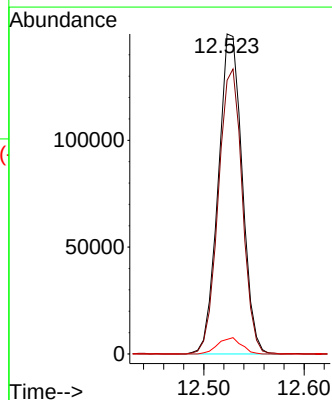
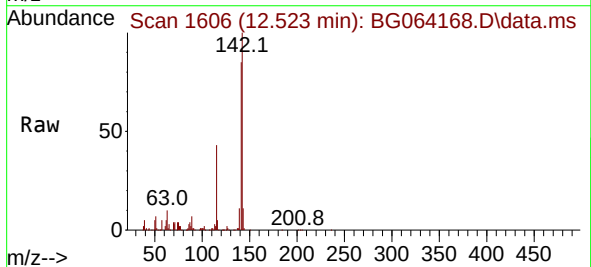
Instrument :
BNA_G
ClientSampleId :

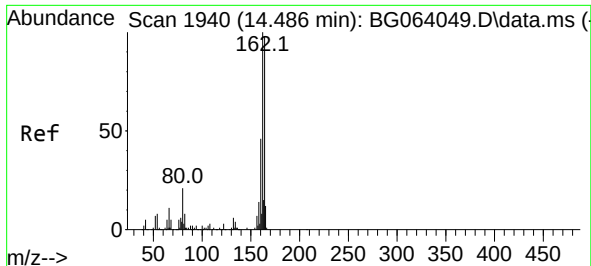
Tgt Ion:142 Resp: 232250
Ion Ratio Lower Upper
142 100
141 86.5 68.6 103.0
115 44.1 32.8 49.2



#38
1-Methylnaphthalene
Concen: 46.888 ng
RT: 12.523 min Scan# 1606
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

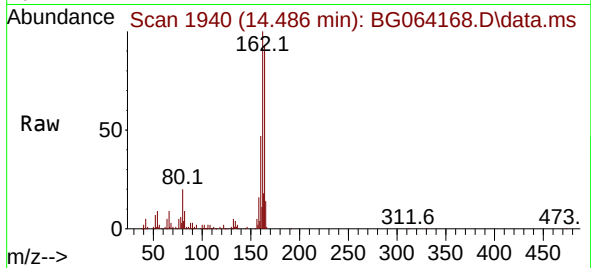
Tgt Ion:142 Resp: 247486
Ion Ratio Lower Upper
142 100
141 85.5 71.2 106.8
116 4.6 3.6 5.4



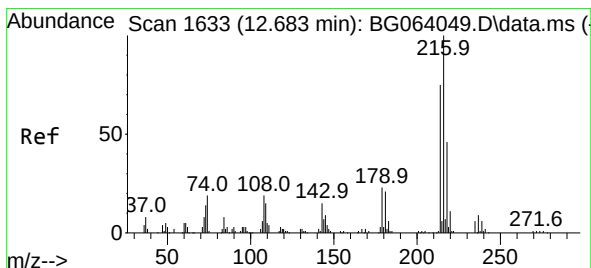
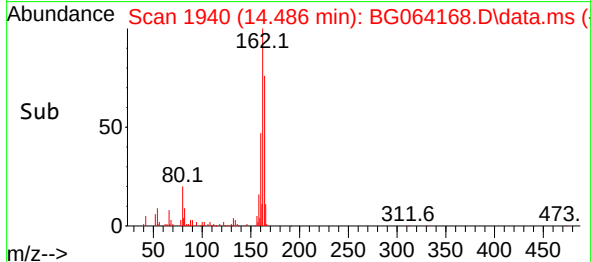
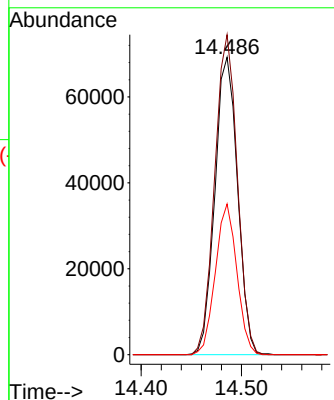


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

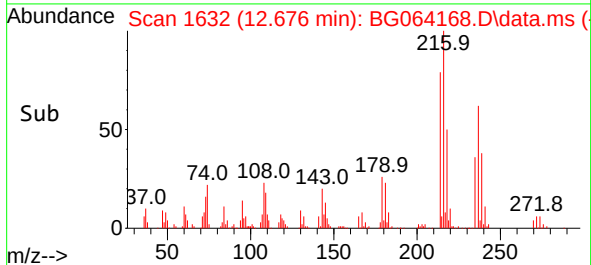
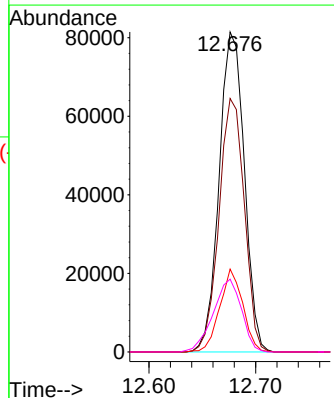
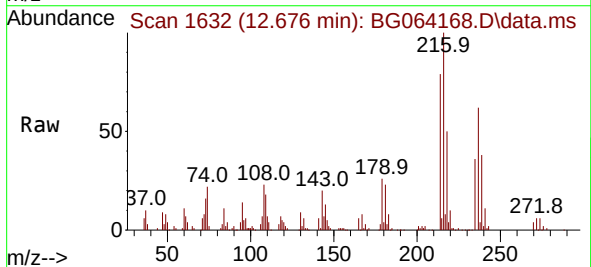


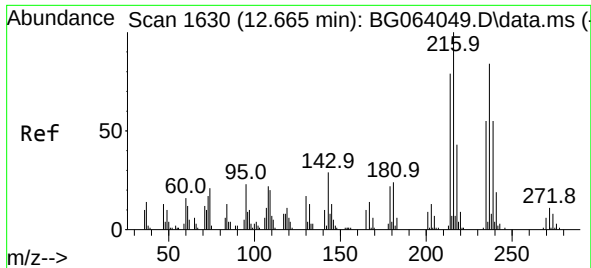
Tgt Ion:164 Resp: 108608
Ion Ratio Lower Upper
164 100
162 107.6 81.4 122.0
160 50.7 37.0 55.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.064 ng
RT: 12.676 min Scan# 1632
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

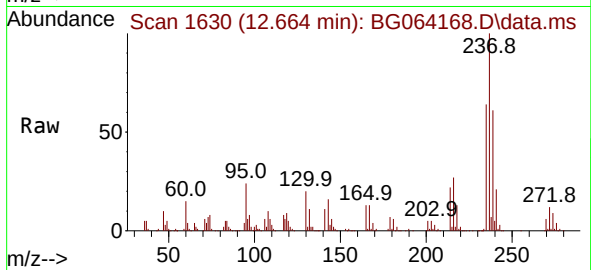
Tgt Ion:216 Resp: 133528
Ion Ratio Lower Upper
216 100
214 79.7 61.7 92.5
179 23.7 17.9 26.9
108 25.5 15.9 23.9#



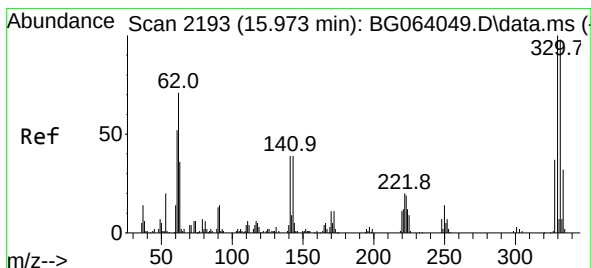
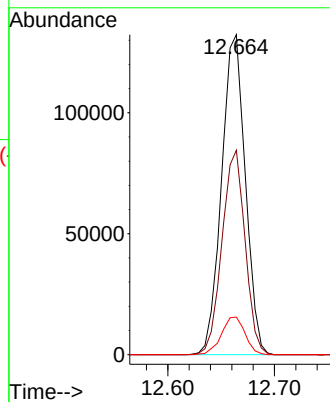
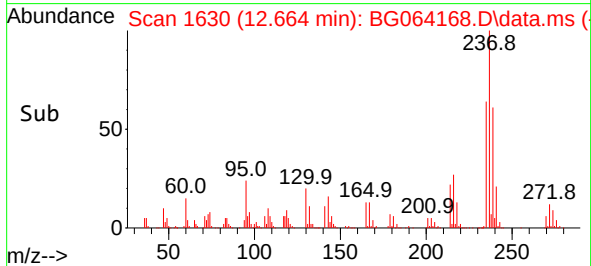


#41
Hexachlorocyclopentadiene
Concen: 234.300 ng
RT: 12.664 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

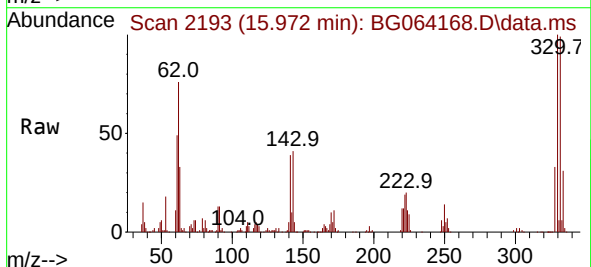
Instrument :
BNA_G
ClientSampleId :



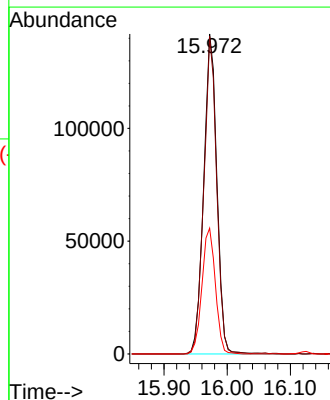
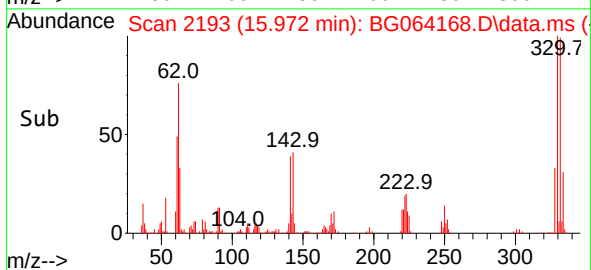
Tgt Ion:237 Resp: 204472
Ion Ratio Lower Upper
237 100
235 63.9 46.0 86.0
272 11.8 0.0 32.8

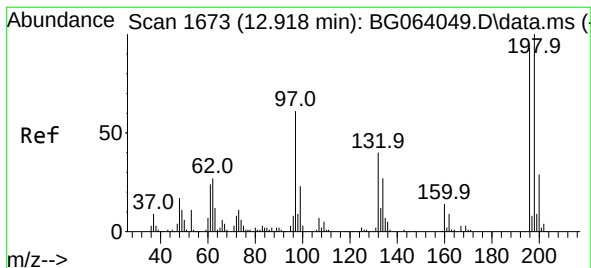


#42
2,4,6-Tribromophenol
Concen: 169.732 ng
RT: 15.972 min Scan# 2193
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



Tgt Ion:330 Resp: 204910
Ion Ratio Lower Upper
330 100
332 96.8 76.7 115.1
141 40.0 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 52.634 ng

RT: 12.917 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

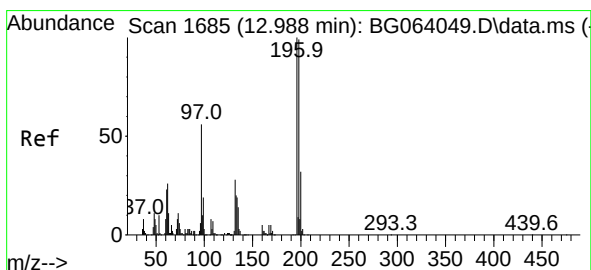
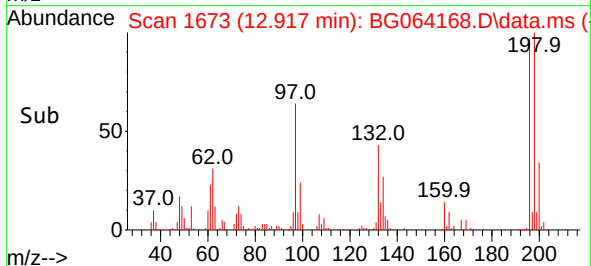
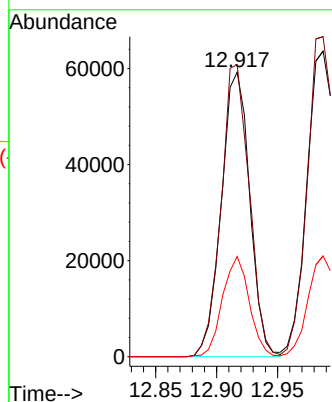
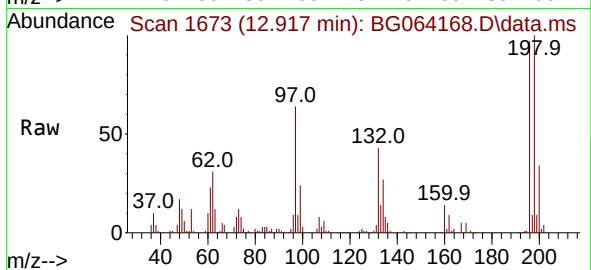
Tgt Ion:196 Resp: 96185

Ion Ratio Lower Upper

196 100

198 102.6 85.6 128.4

200 35.2 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 52.570 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Tgt Ion:196 Resp: 106746

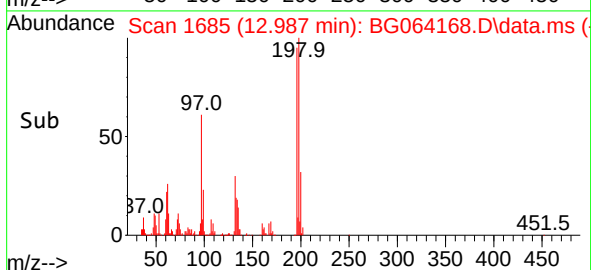
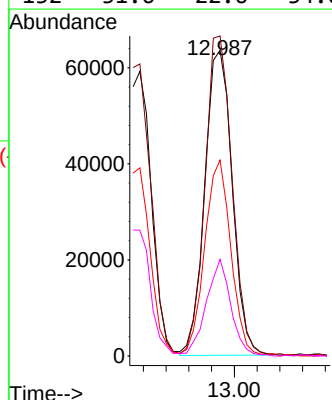
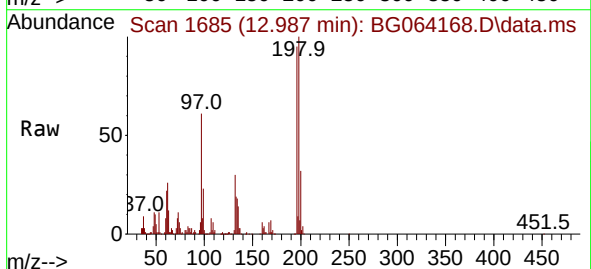
Ion Ratio Lower Upper

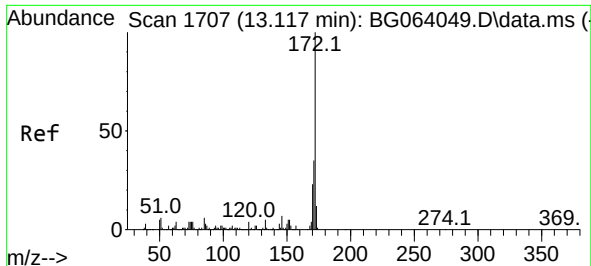
196 100

198 104.7 79.5 119.3

97 64.1 45.2 67.8

132 31.6 22.6 34.0

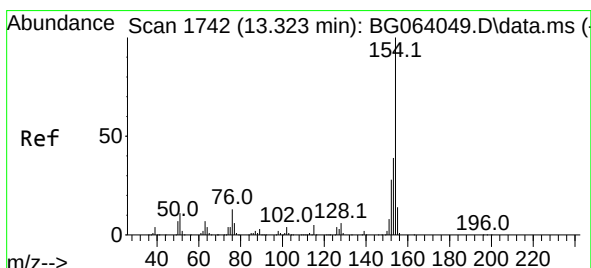
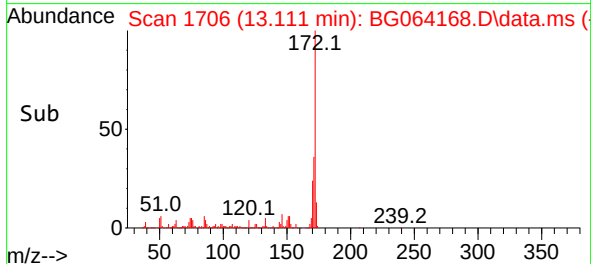
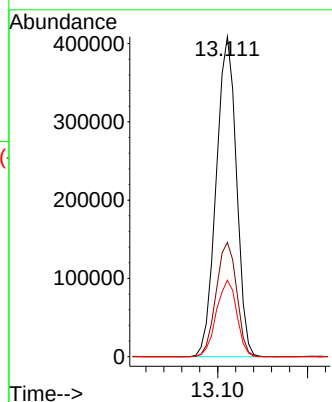
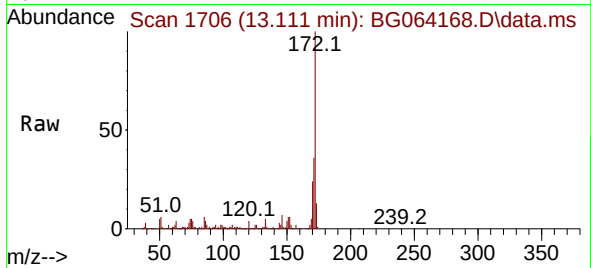




#45
2-Fluorobiphenyl
Concen: 89.211 ng
RT: 13.111 min Scan# 1706
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

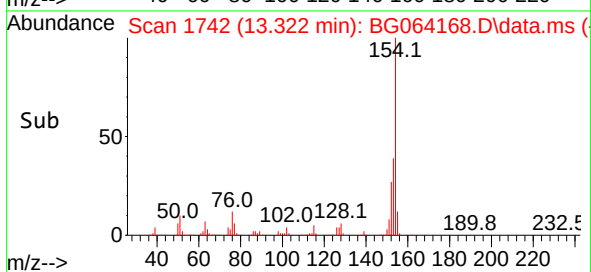
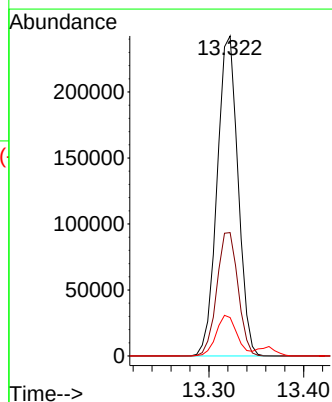
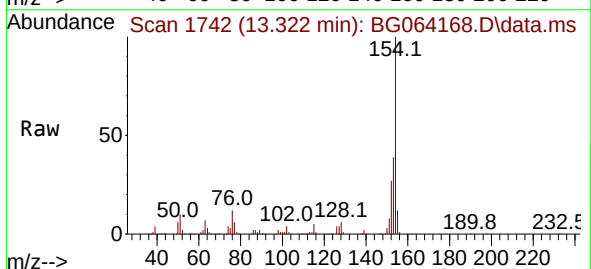
Instrument :
BNA_G
ClientSampleId :

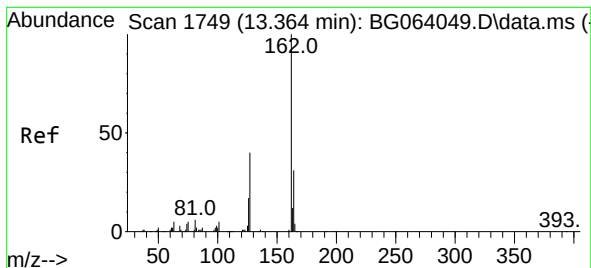
Tgt Ion:172 Resp: 638326
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.9 18.7 28.1



#46
1,1'-Biphenyl
Concen: 45.252 ng
RT: 13.322 min Scan# 1742
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:154 Resp: 371310
Ion Ratio Lower Upper
154 100
153 38.6 19.5 59.5
76 12.0 0.0 33.5

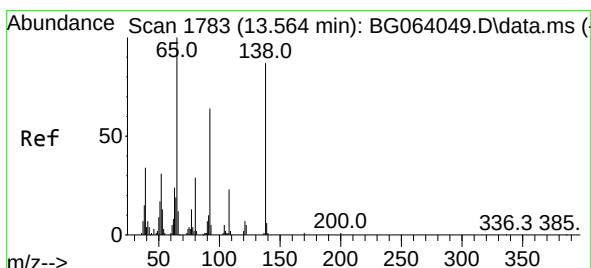
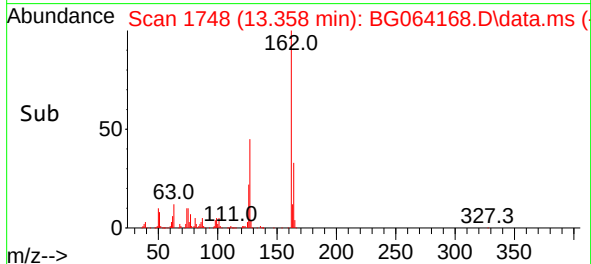
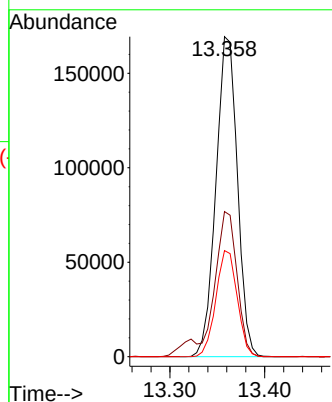
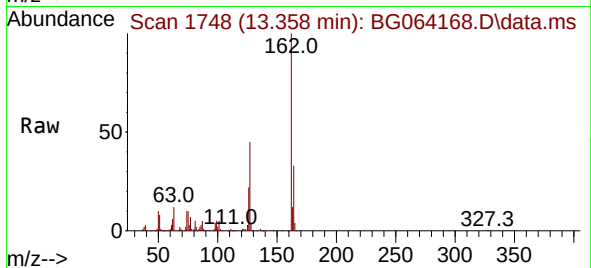




#47
2-Chloronaphthalene
Concen: 44.593 ng
RT: 13.358 min Scan# 1748
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

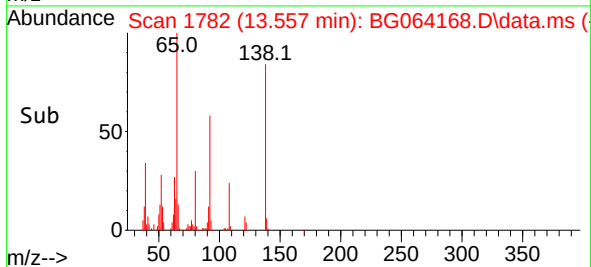
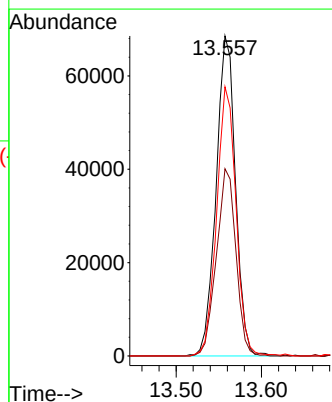
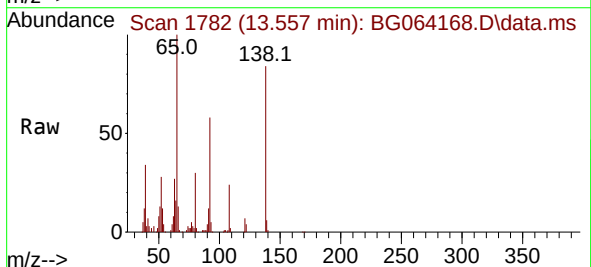
Instrument :
BNA_G
ClientSampleId :

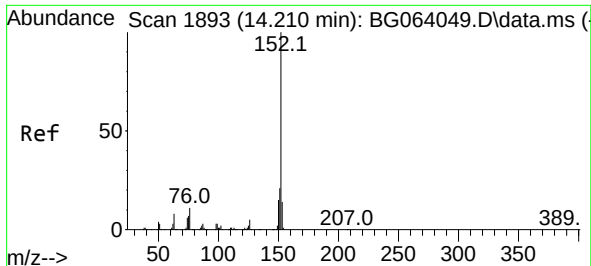
Tgt Ion:162 Resp: 266866
Ion Ratio Lower Upper
162 100
127 45.4 35.0 52.4
164 33.1 25.0 37.6



#48
2-Nitroaniline
Concen: 53.264 ng
RT: 13.557 min Scan# 1782
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

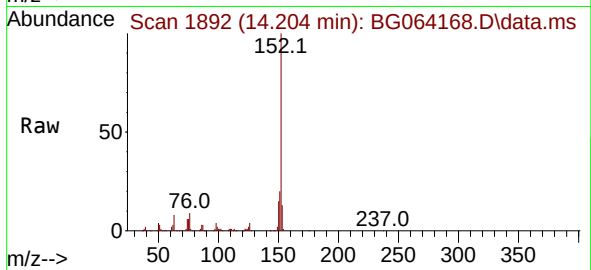
Tgt Ion: 65 Resp: 108221
Ion Ratio Lower Upper
65 100
92 58.5 51.2 76.8
138 84.1 69.4 104.2



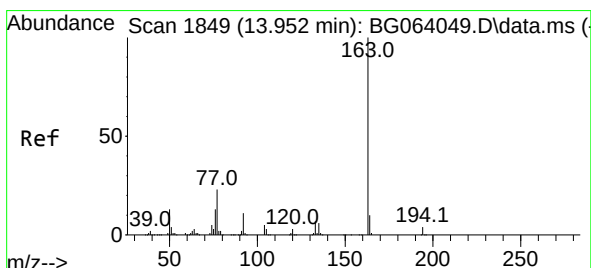
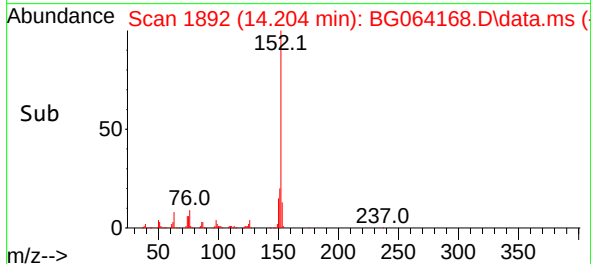
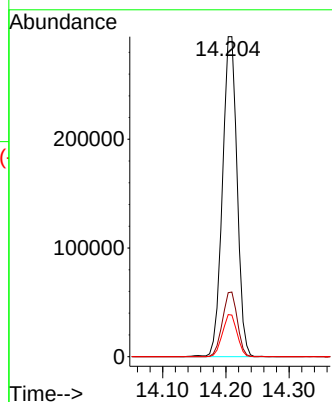


#49
Acenaphthylene
Concen: 50.059 ng
RT: 14.204 min Scan# 1892
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

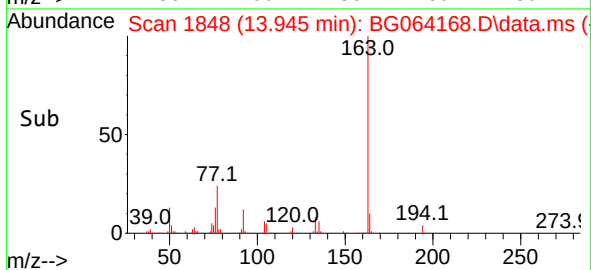
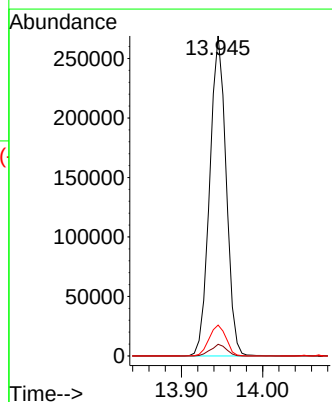
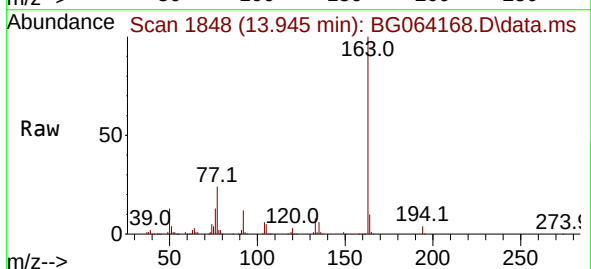


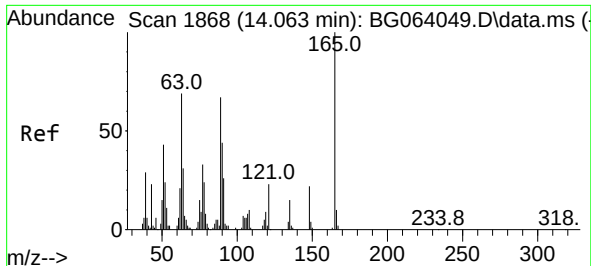
Tgt Ion:152 Resp: 473842
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.2 10.9 16.3



#50
Dimethylphthalate
Concen: 47.058 ng
RT: 13.945 min Scan# 1848
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:163 Resp: 377274
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.7 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 49.492 ng

RT: 14.057 min Scan# 1867

Delta R.T. -0.006 min

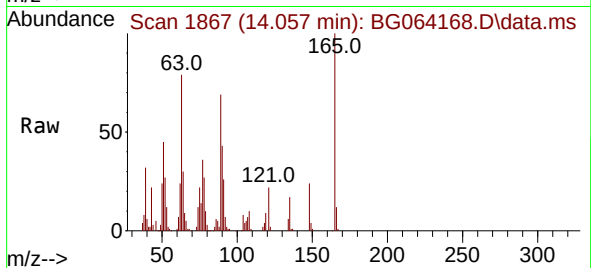
Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

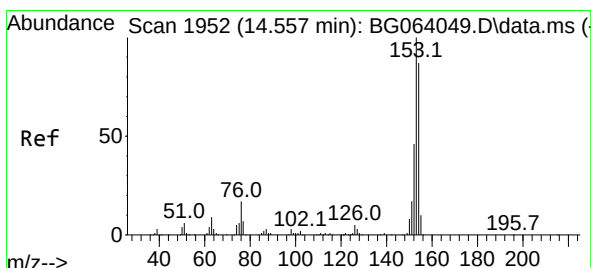
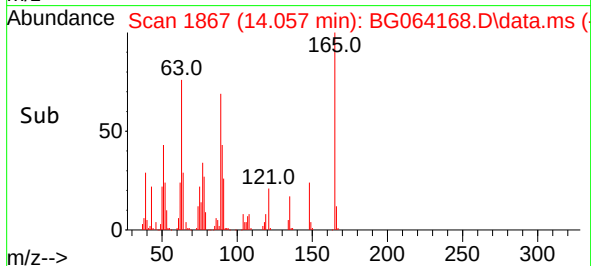
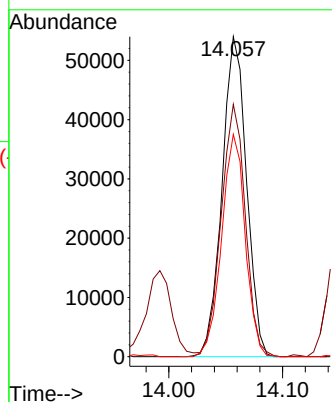
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	165	Resp:	80679
Ion Ratio	Lower	Upper	
165	100		
63	78.8	56.7	85.1
89	69.5	53.7	80.5



#52

Acenaphthene

Concen: 44.936 ng

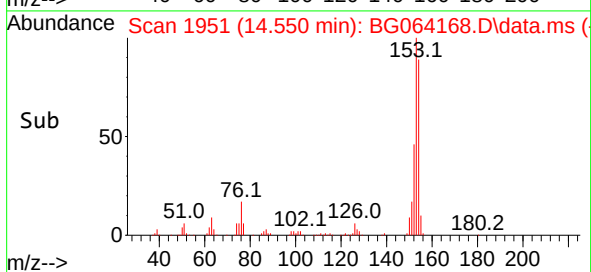
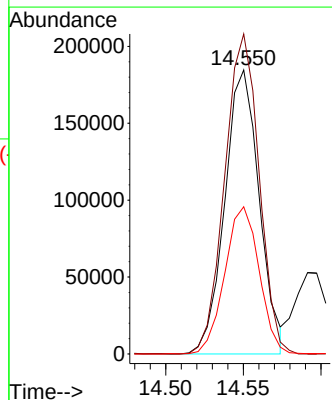
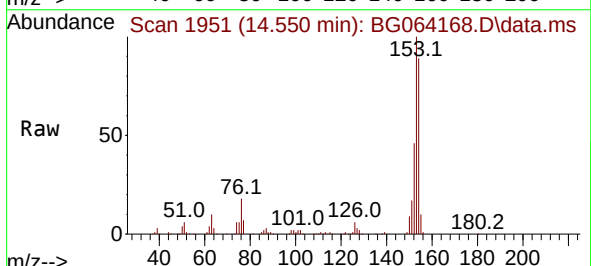
RT: 14.550 min Scan# 1951

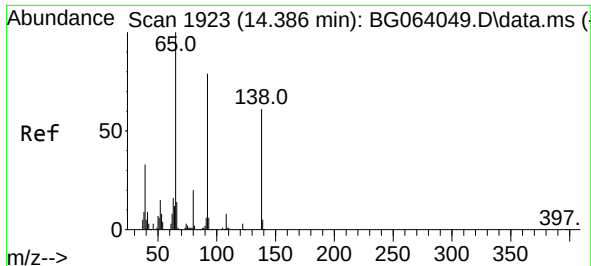
Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

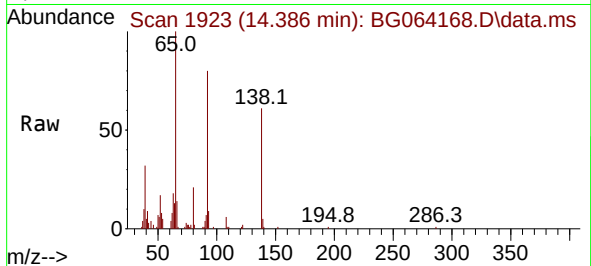
Tgt Ion:	154	Resp:	285456
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.6	137.4
152	51.8	42.5	63.7



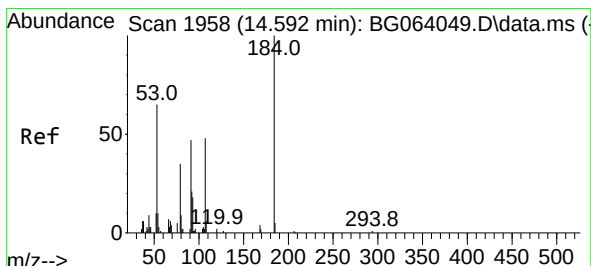
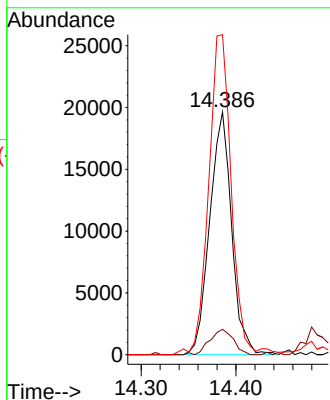
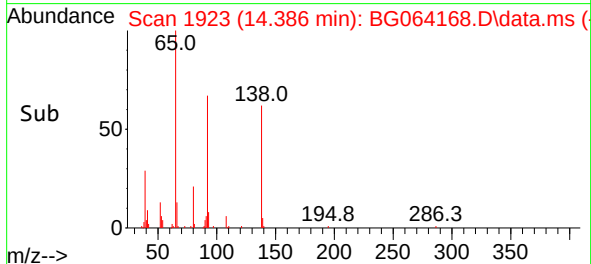


#53
3-Nitroaniline
Concen: 20.349 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

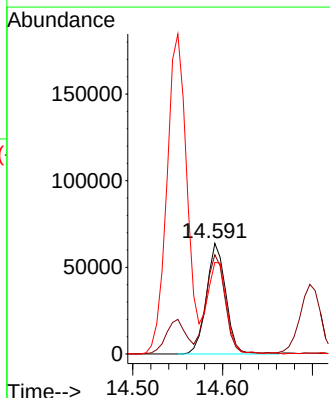
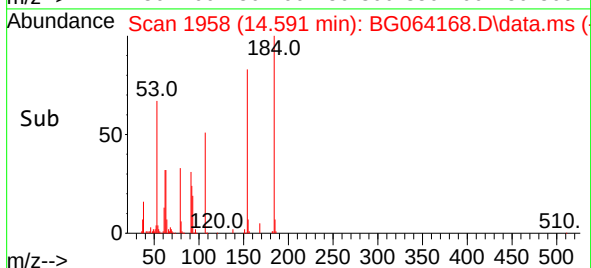
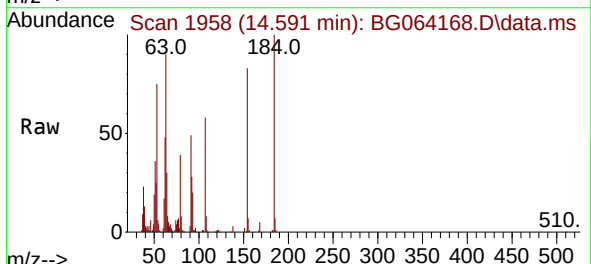


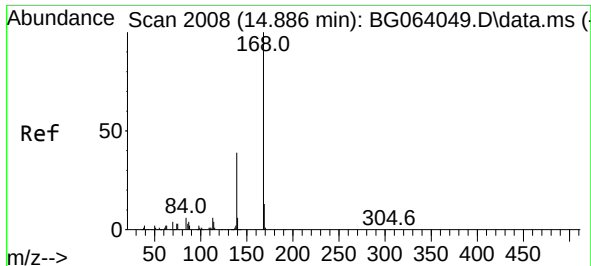
Tgt Ion:138 Resp: 31530
Ion Ratio Lower Upper
138 100
108 10.5 10.1 15.1
92 131.9 104.1 156.1



#54
2,4-Dinitrophenol
Concen: 134.278 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

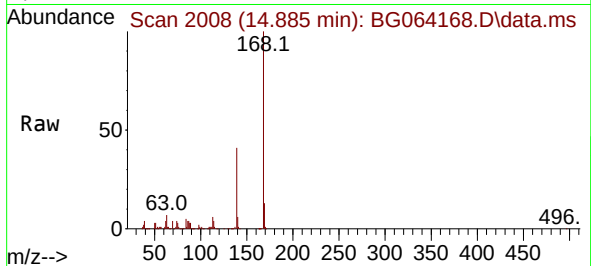
Tgt Ion:184 Resp: 95081
Ion Ratio Lower Upper
184 100
63 89.6 57.5 86.3#
154 82.8 52.3 78.5#



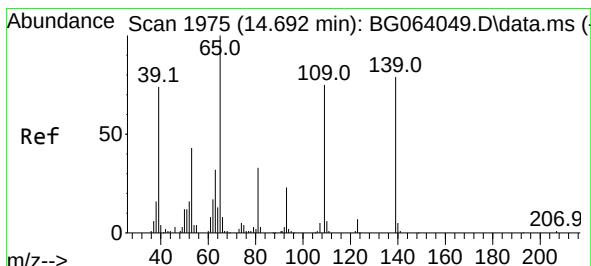
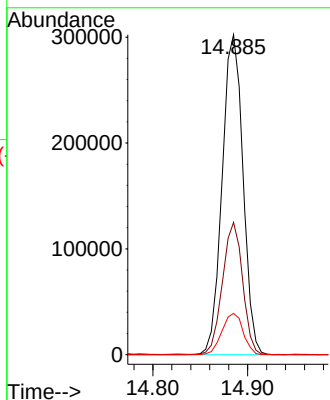
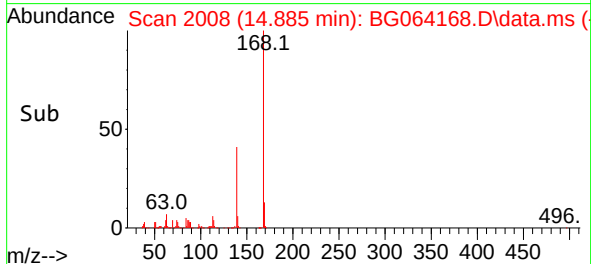


#55
Dibenzofuran
Concen: 44.855 ng
RT: 14.885 min Scan# 20
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

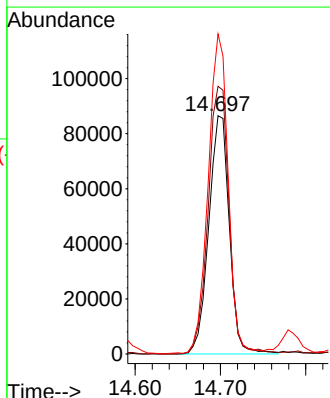
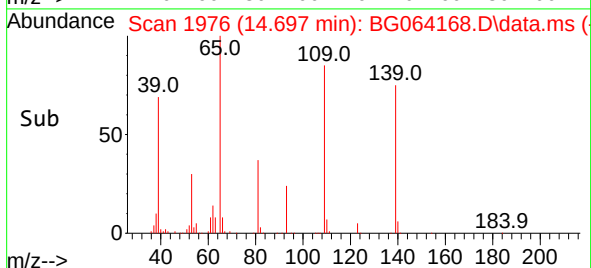
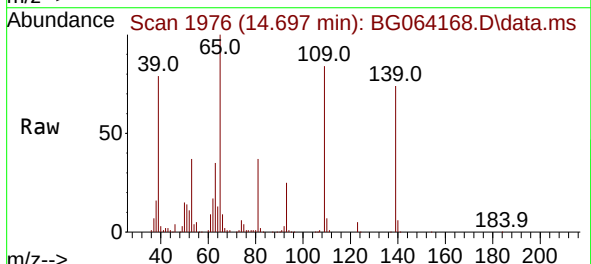


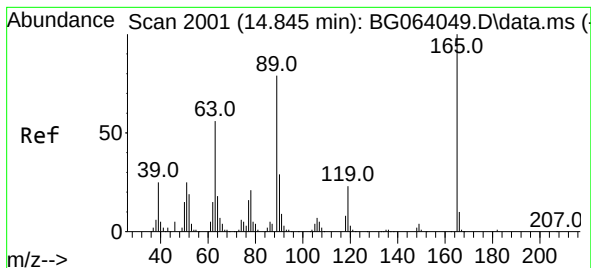
Tgt Ion:168 Resp: 461611
Ion Ratio Lower Upper
168 100
139 41.3 31.1 46.7
169 12.9 10.5 15.7



#56
4-Nitrophenol
Concen: 111.445 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

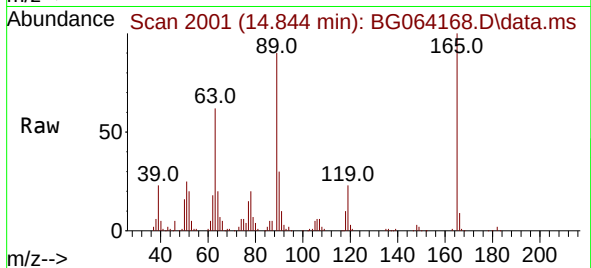
Tgt Ion:139 Resp: 144825
Ion Ratio Lower Upper
139 100
109 112.4 74.9 114.9
65 134.3 106.8 146.8



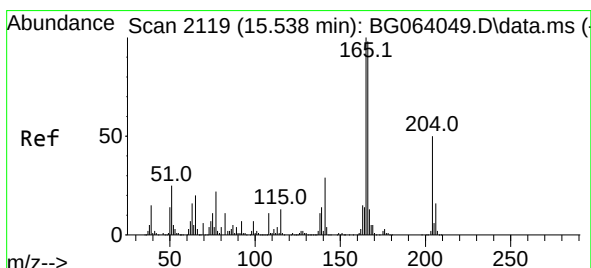
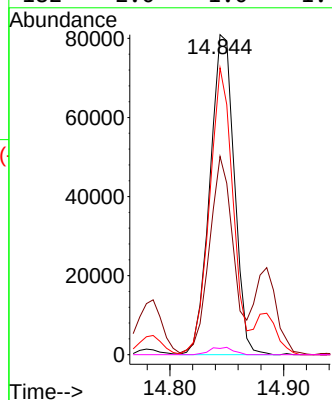
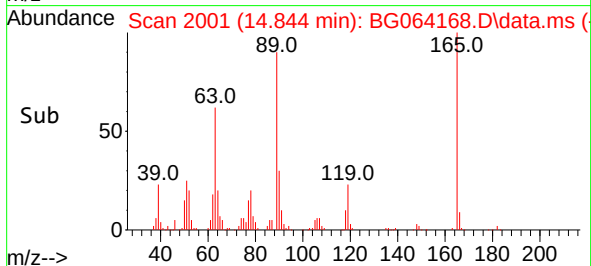


#57
2,4-Dinitrotoluene
Concen: 53.329 ng
RT: 14.844 min Scan# 2001
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

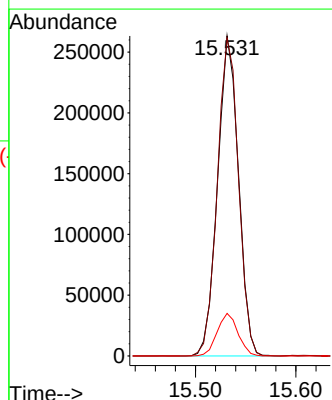
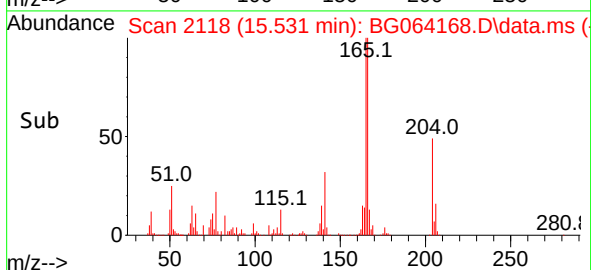
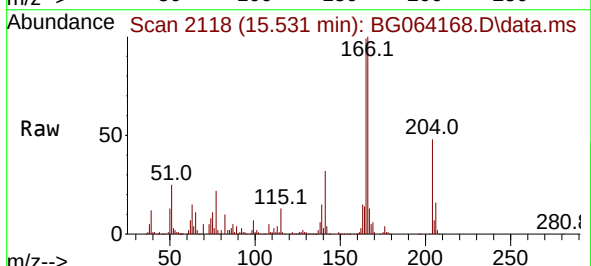


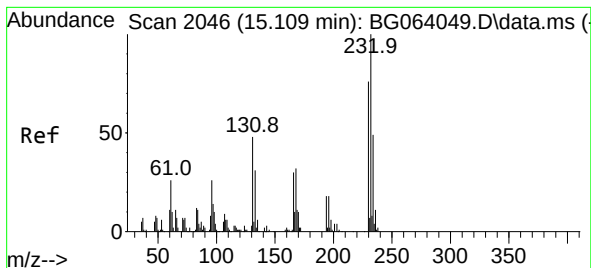
Tgt Ion:165 Resp: 120665
Ion Ratio Lower Upper
165 100
63 61.9 45.0 67.6
89 89.7 63.1 94.7
182 2.0 1.0 1.4#



#58
Fluorene
Concen: 47.448 ng
RT: 15.531 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

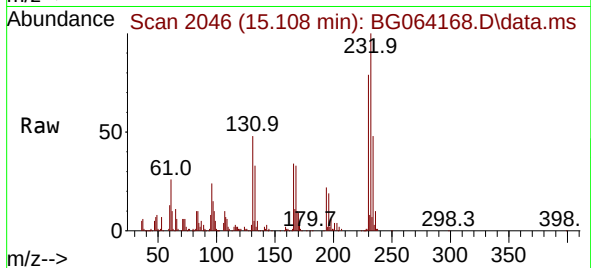
Tgt Ion:166 Resp: 380310
Ion Ratio Lower Upper
166 100
165 99.4 81.8 122.8
167 13.3 10.8 16.2



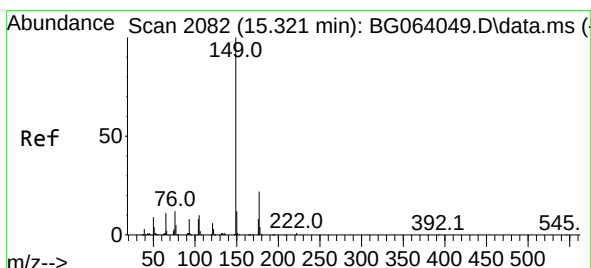
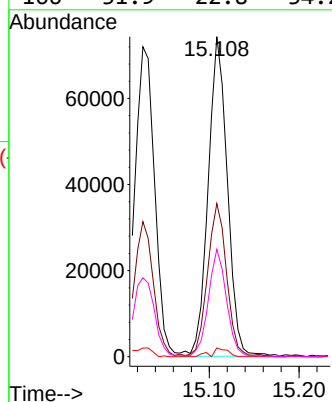
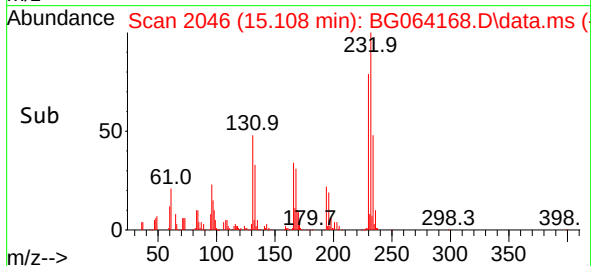


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.622 ng
RT: 15.108 min Scan# 2046
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

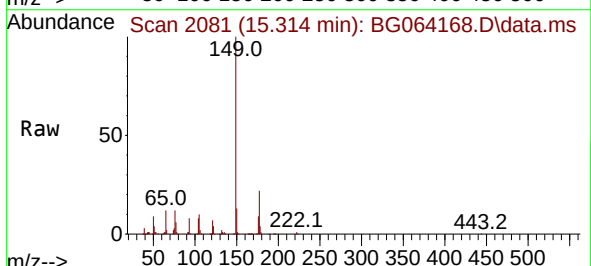
Instrument :
BNA_G
ClientSampleId :



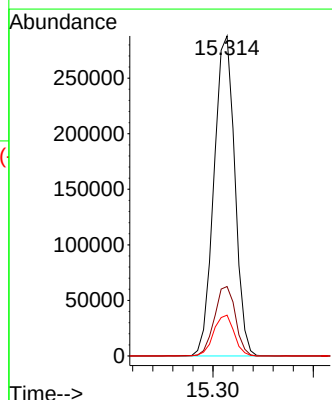
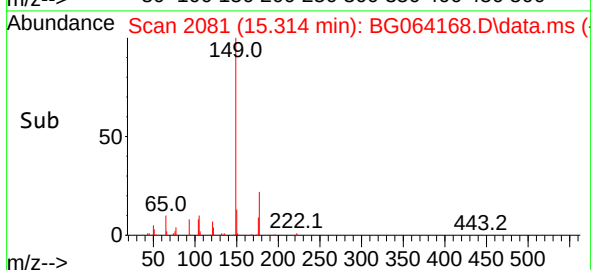
Tgt Ion:232 Resp: 110108
Ion Ratio Lower Upper
232 100
131 48.0 36.3 54.5
130 2.3 1.9 2.9
166 31.9 22.8 34.2

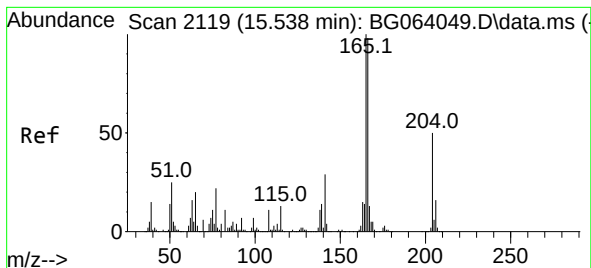


#60
Diethylphthalate
Concen: 47.628 ng
RT: 15.314 min Scan# 2081
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



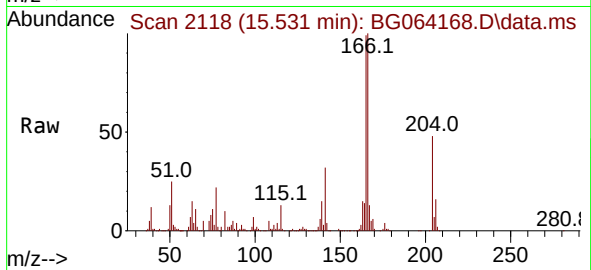
Tgt Ion:149 Resp: 414523
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.7 9.4 14.2



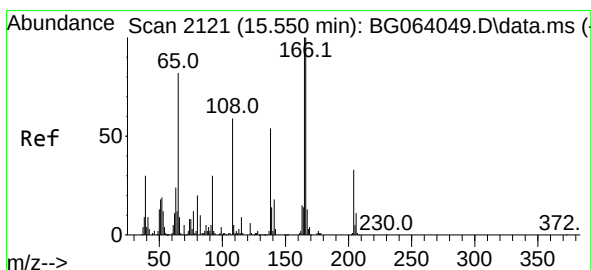
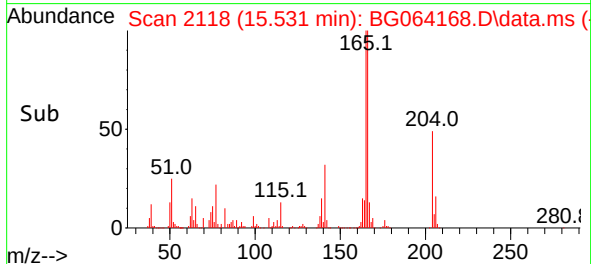
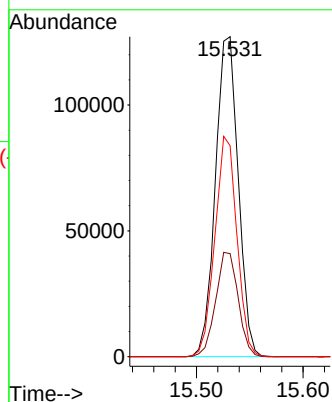


#61
4-Chlorophenyl-phenylether
Concen: 47.462 ng
RT: 15.531 min Scan# 2118
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

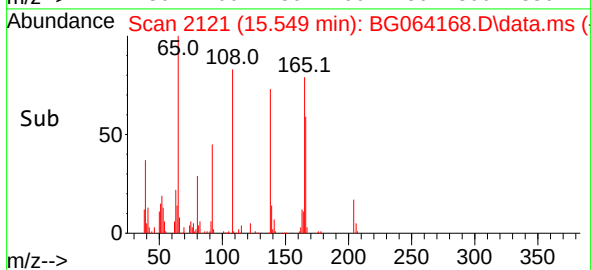
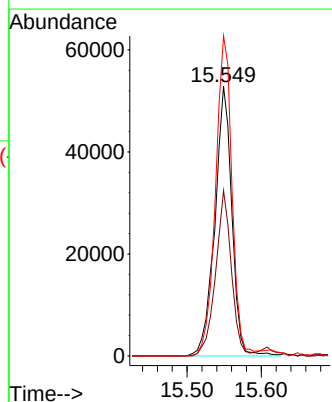
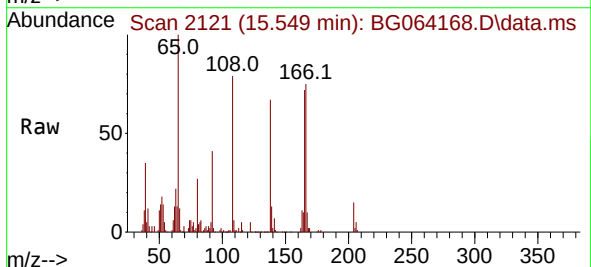


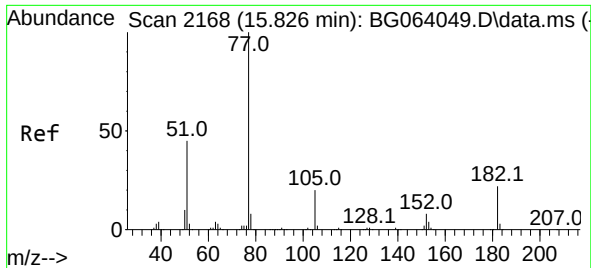
Tgt Ion:204 Resp: 189045
Ion Ratio Lower Upper
204 100
206 32.2 25.5 38.3
141 65.9 45.4 68.0



#62
4-Nitroaniline
Concen: 50.392 ng
RT: 15.549 min Scan# 2121
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:138 Resp: 84301
Ion Ratio Lower Upper
138 100
92 61.3 36.1 76.1
108 118.7 87.9 127.9

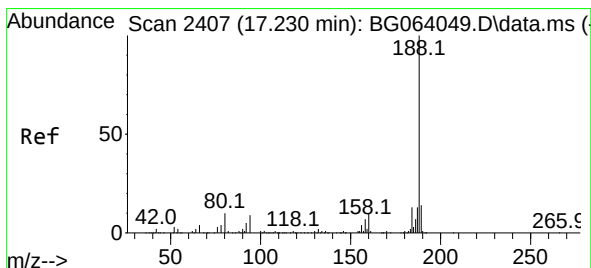
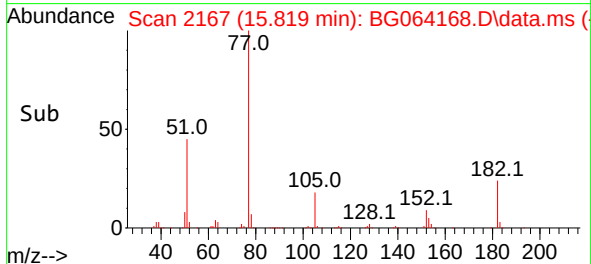
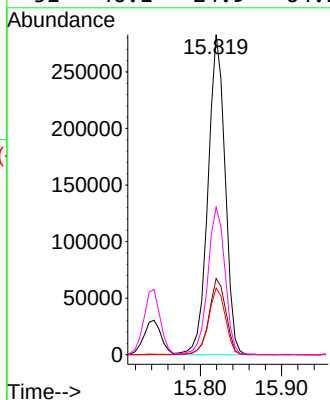
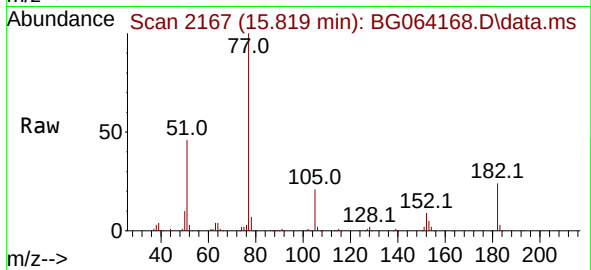




#63
Azobenzene
Concen: 44.374 ng
RT: 15.819 min Scan# 2168
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

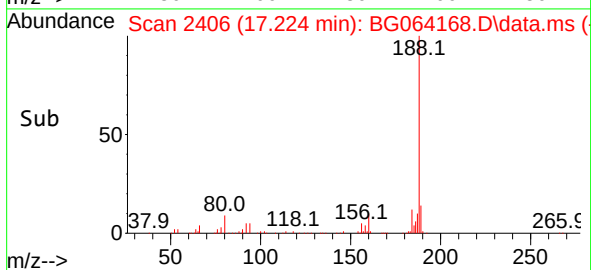
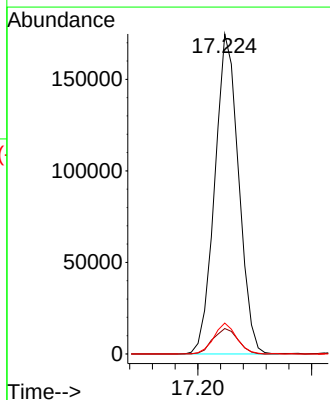
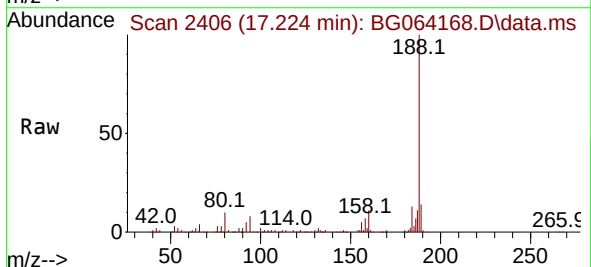
Instrument :
BNA_G
ClientSampleId :

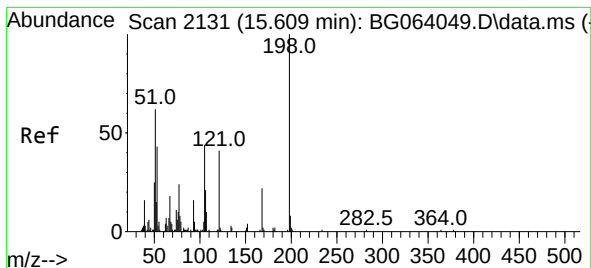
Tgt Ion: 77	Resp: 412121
Ion Ratio	Lower Upper
77 100	
182 23.8	2.4 42.4
105 20.9	0.0 40.0
51 46.1	24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:188	Resp: 254903
Ion Ratio	Lower Upper
188 100	
94 7.9	6.9 10.3
80 9.7	8.1 12.1

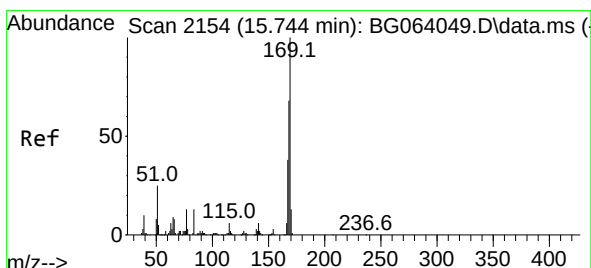
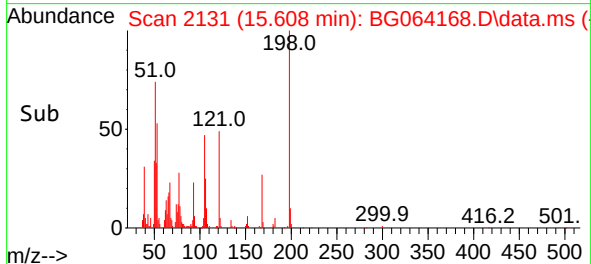
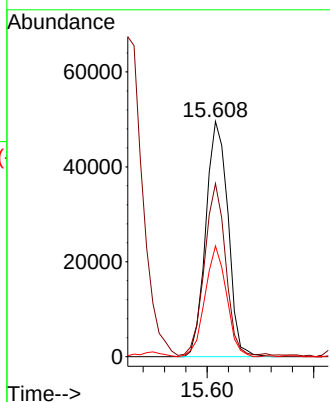
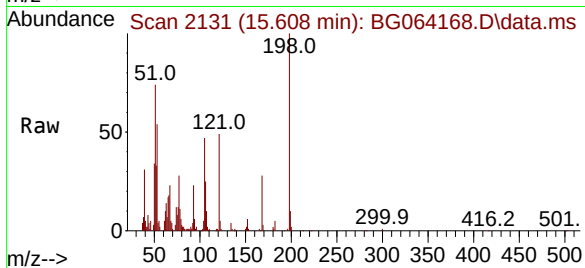




#65
 4,6-Dinitro-2-methylphenol
 Concen: 62.085 ng
 RT: 15.608 min Scan# 2131
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

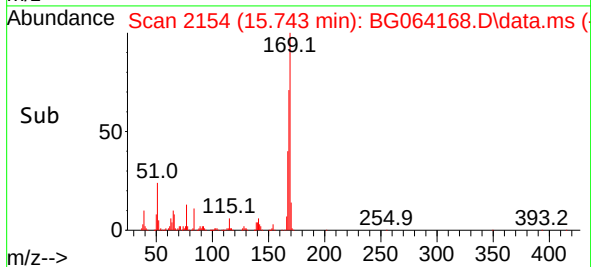
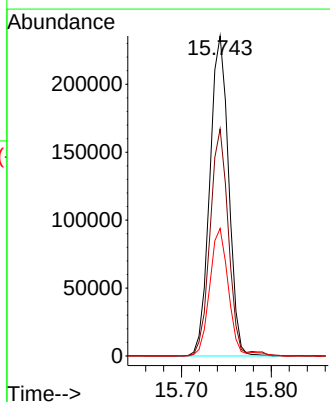
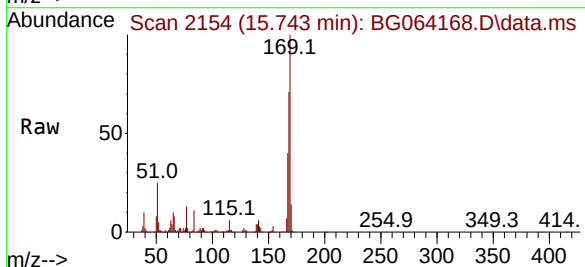
Instrument :
 BNA_G
 ClientSampleId :

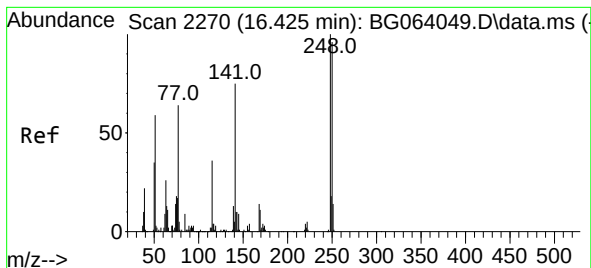
Tgt Ion:198 Resp: 71553
 Ion Ratio Lower Upper
 198 100
 51 73.6 45.6 85.6
 105 47.1 25.3 65.3



#66
 n-Nitrosodiphenylamine
 Concen: 47.470 ng
 RT: 15.743 min Scan# 2154
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

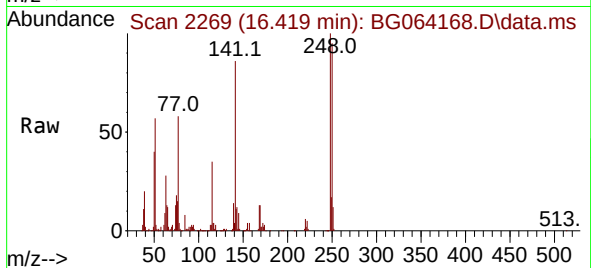
Tgt Ion:169 Resp: 342513
 Ion Ratio Lower Upper
 169 100
 168 70.9 54.1 81.1
 167 39.8 30.3 45.5



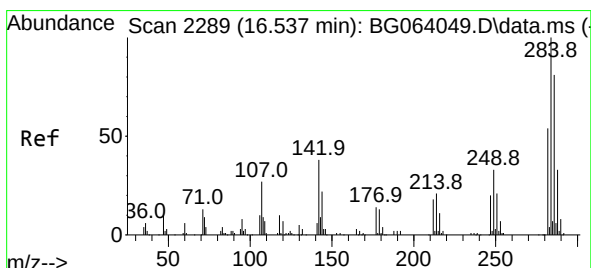
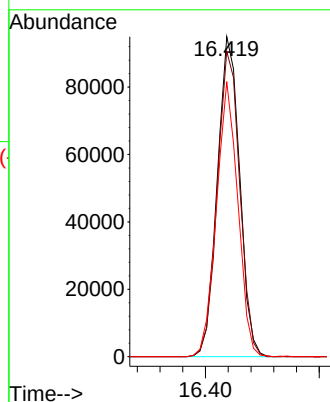
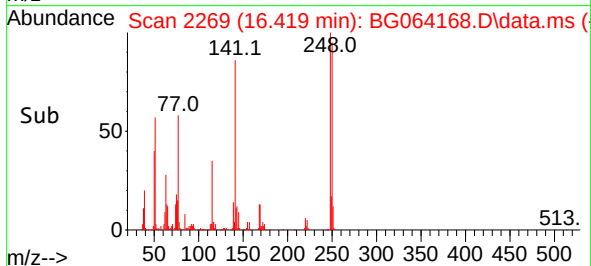


#67
4-Bromophenyl-phenylether
Concen: 49.545 ng
RT: 16.419 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

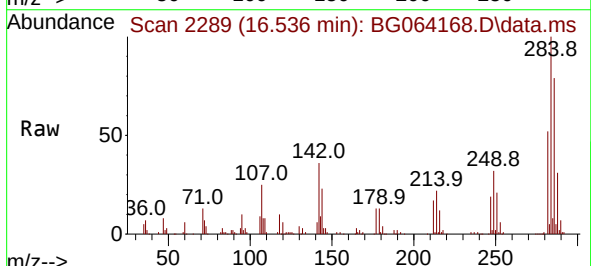
Instrument :
BNA_G
ClientSampleId :



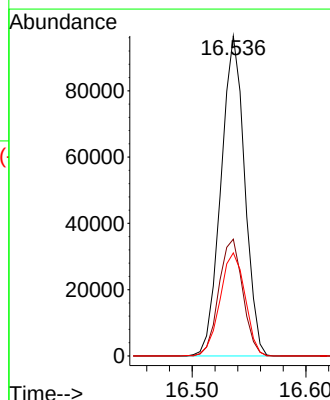
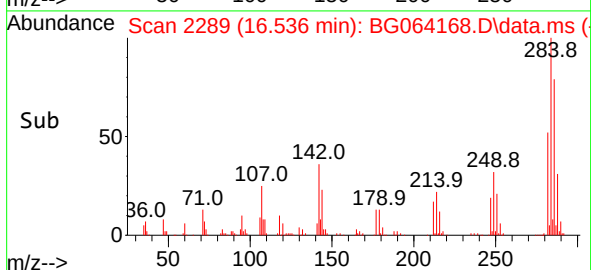
Tgt Ion:248 Resp: 129346
Ion Ratio Lower Upper
248 100
250 95.4 77.1 115.7
141 85.9 59.8 89.8

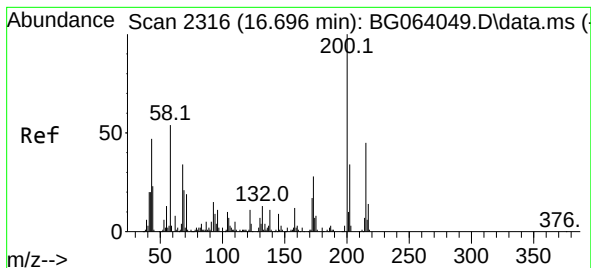


#68
Hexachlorobenzene
Concen: 47.862 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54



Tgt Ion:284 Resp: 139889
Ion Ratio Lower Upper
284 100
142 36.5 30.6 45.8
249 32.2 26.6 39.8





#69

Atrazine

Concen: 65.981 ng

RT: 16.695 min Scan# 21

Delta R.T. -0.001 min

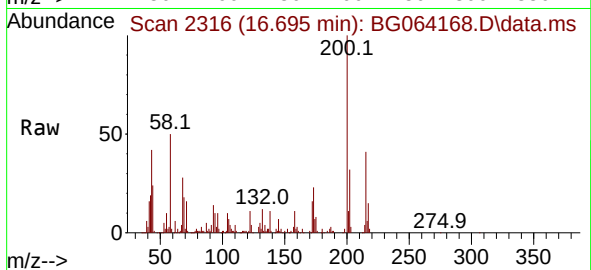
Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

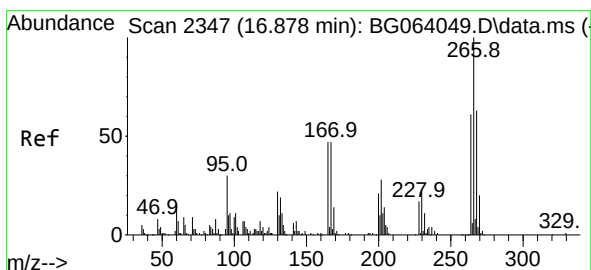
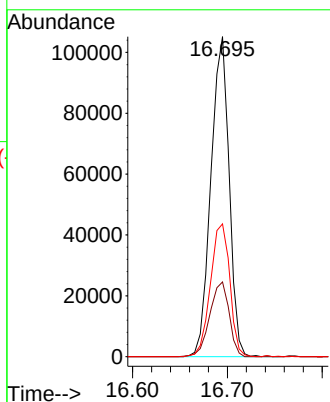
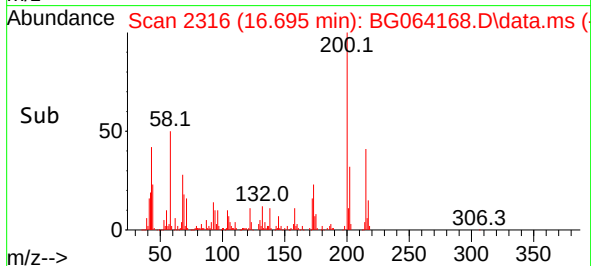
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:	200	Resp:	140075
Ion Ratio	Lower	Upper	
200	100		
173	23.4	8.2	48.2
215	41.5	25.5	65.5



#70

Pentachlorophenol

Concen: 101.796 ng

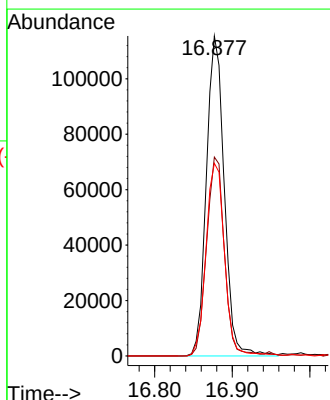
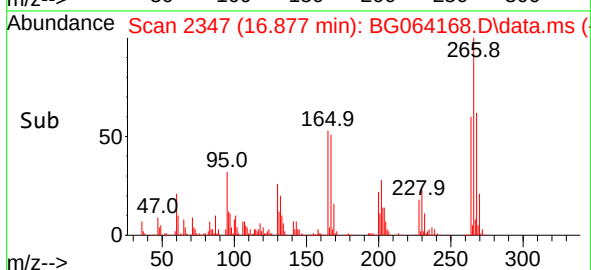
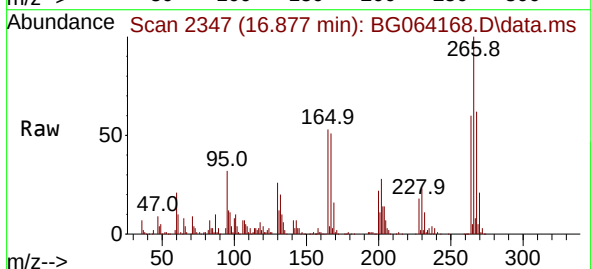
RT: 16.877 min Scan# 2347

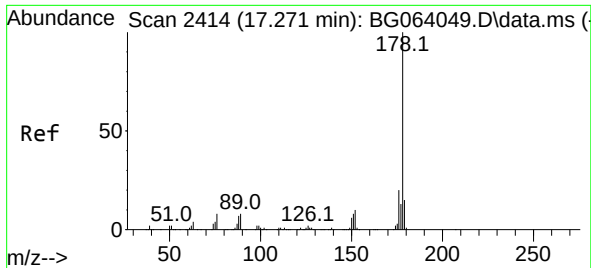
Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

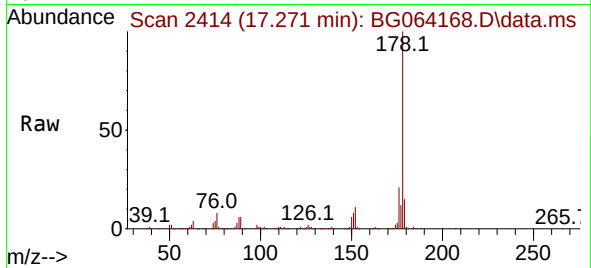
Tgt Ion:	266	Resp:	184731
Ion Ratio	Lower	Upper	
266	100		
268	62.1	50.2	75.4
264	60.2	48.9	73.3



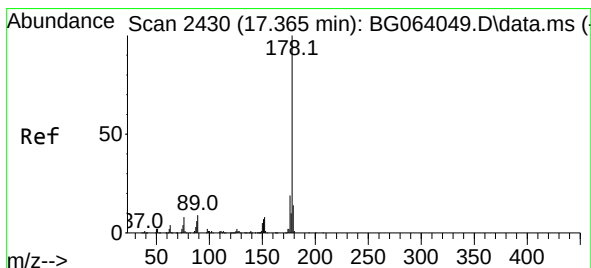
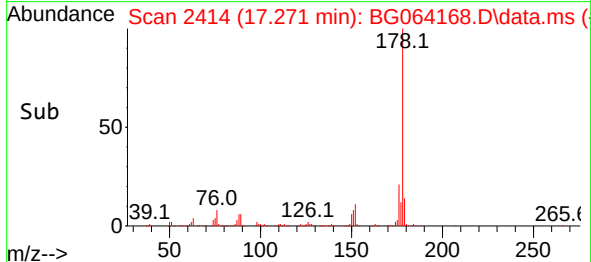
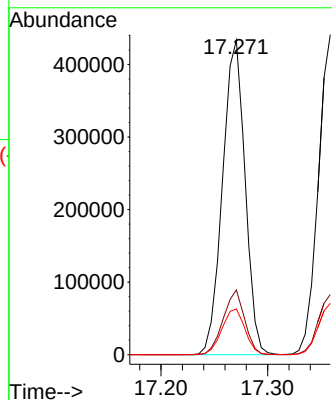


#71
Phenanthrene
Concen: 46.748 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

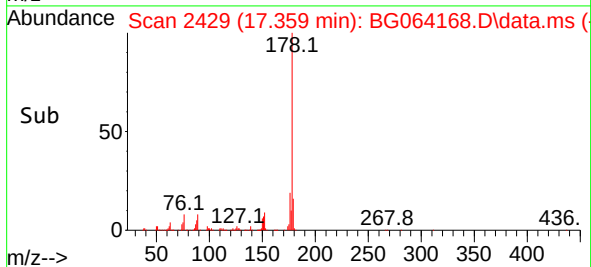
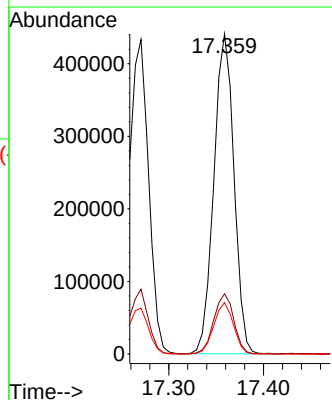
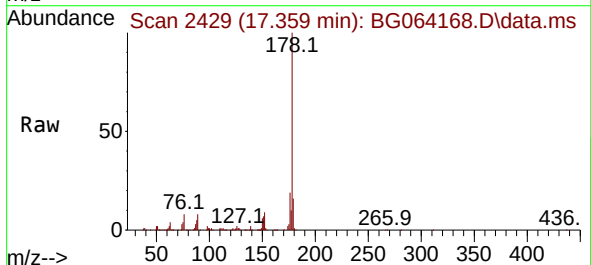


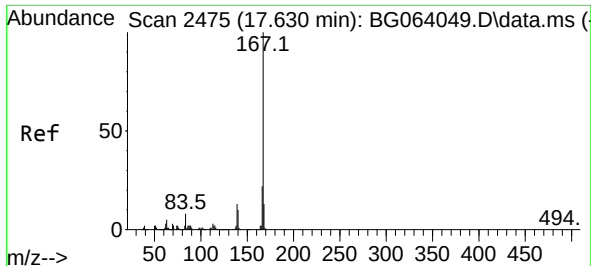
Tgt Ion:178 Resp: 635580
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 14.5 12.2 18.2



#72
Anthracene
Concen: 48.109 ng
RT: 17.359 min Scan# 2429
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

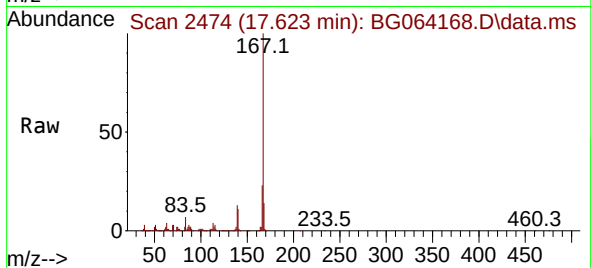
Tgt Ion:178 Resp: 650403
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 16.1 11.5 17.3



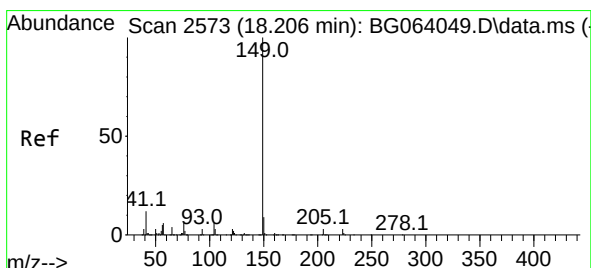
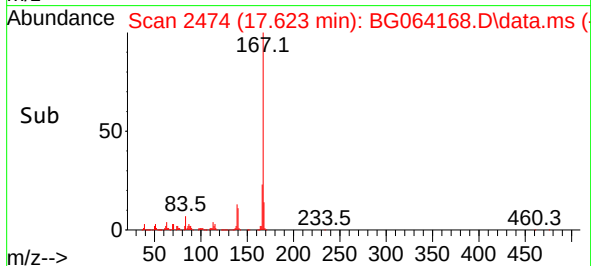
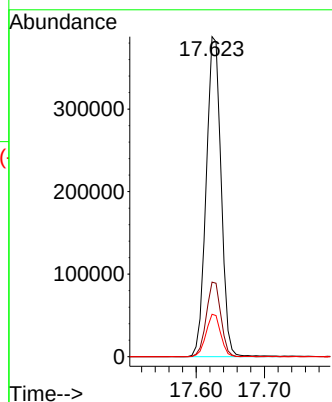


#73
 Carbazole
 Concen: 46.569 ng
 RT: 17.623 min Scan# 2475
 Delta R.T. -0.007 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

Instrument :
 BNA_G
 ClientSampleId :

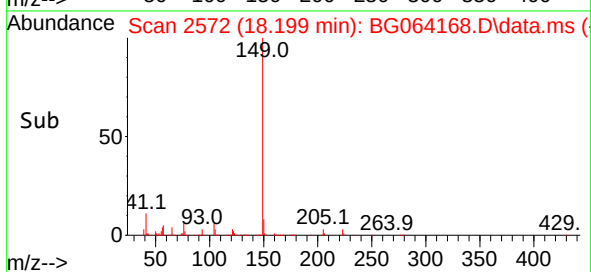
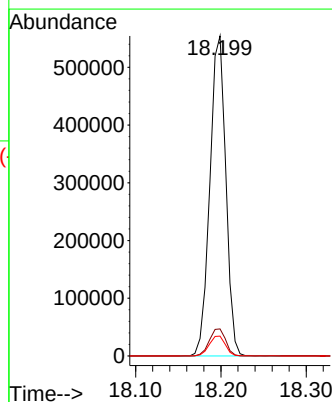
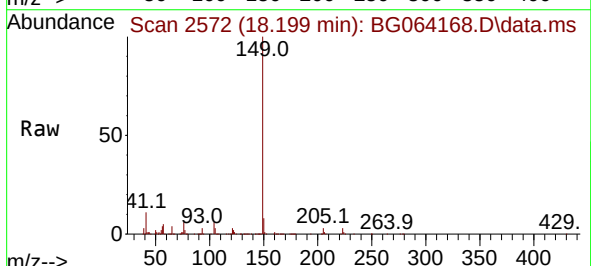


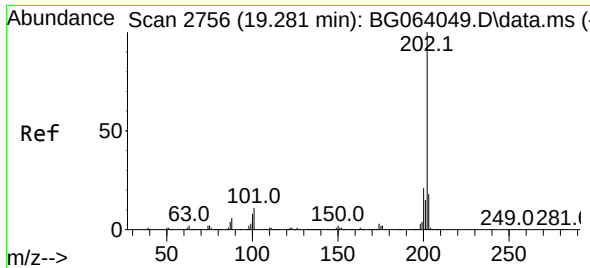
Tgt Ion:167 Resp: 587819
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.0 27.0
 139 13.3 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 48.564 ng
 RT: 18.199 min Scan# 2572
 Delta R.T. -0.007 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

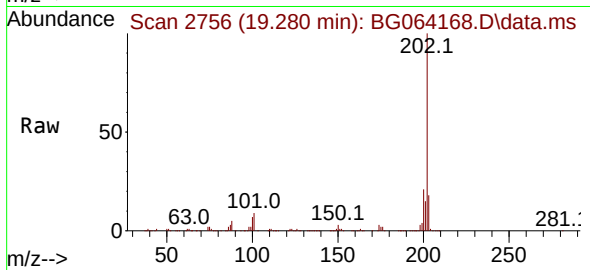
Tgt Ion:149 Resp: 721564
 Ion Ratio Lower Upper
 149 100
 150 8.5 7.4 11.0
 104 6.2 5.0 7.6





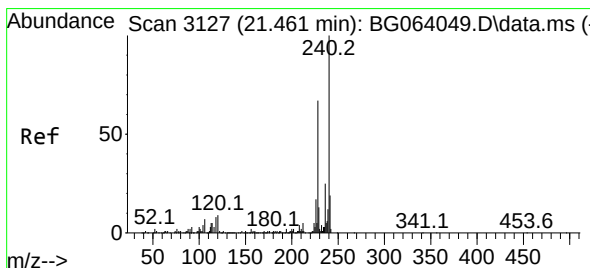
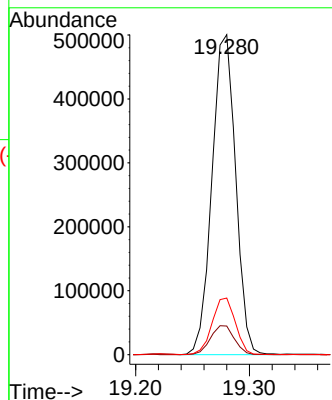
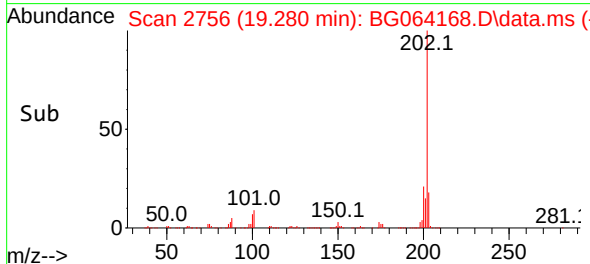
#75
 Fluoranthene
 Concen: 44.233 ng
 RT: 19.280 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54

Instrument :
 BNA_G
 ClientSampleId :

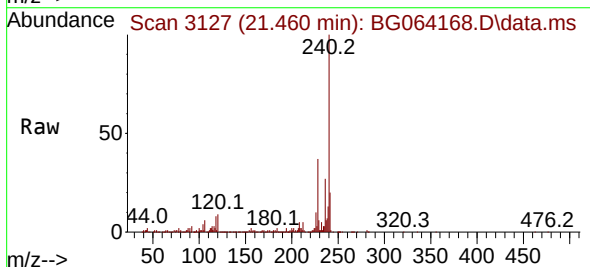


Tgt Ion:202 Resp: 725017

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.5
203	17.7	0.0	38.3

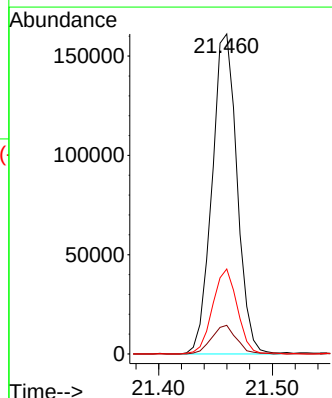
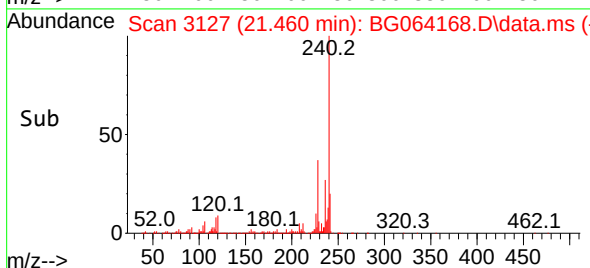


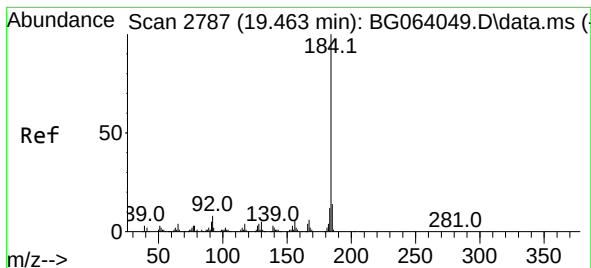
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.460 min Scan# 3127
 Delta R.T. -0.001 min
 Lab File: BG064168.D
 Acq: 3 Apr 2025 15:54



Tgt Ion:240 Resp: 246118

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.2	10.8
236	26.6	20.2	30.2





#77

Benzidine

Concen: 54.369 ng

RT: 19.456 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

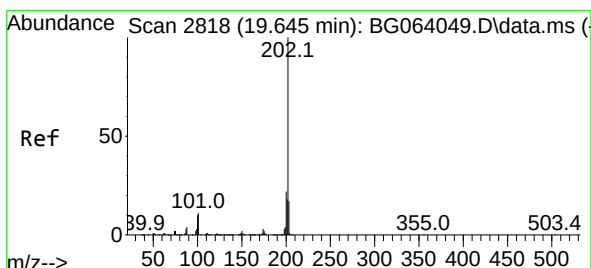
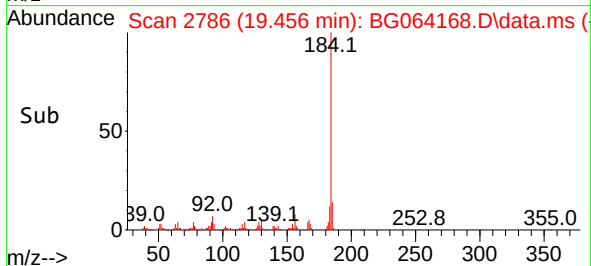
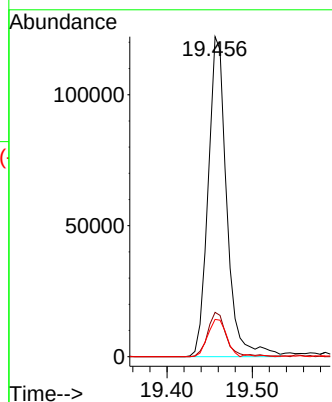
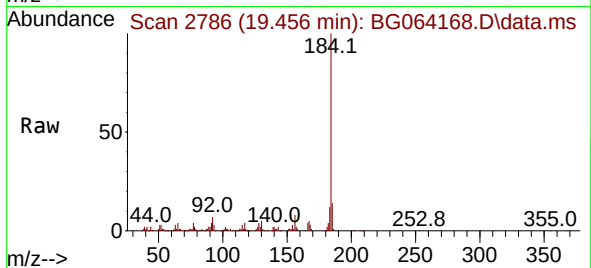
Tgt Ion:184 Resp: 185291

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

183 11.7 9.5 14.3



#78

Pyrene

Concen: 47.087 ng

RT: 19.638 min Scan# 2817

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

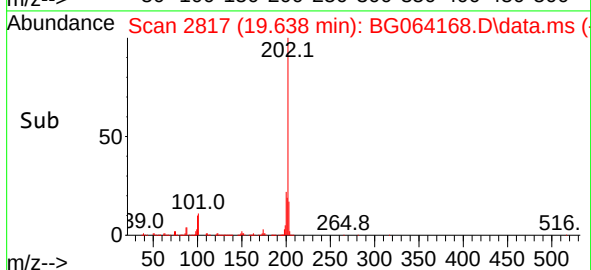
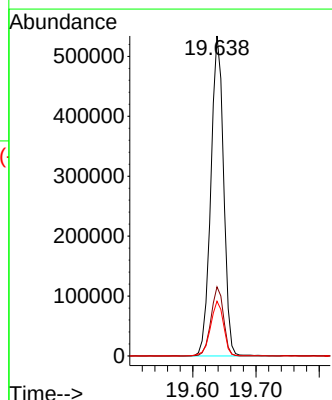
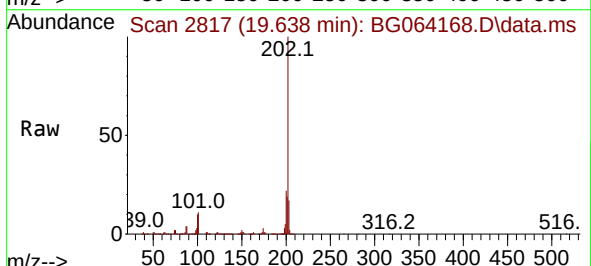
Tgt Ion:202 Resp: 747040

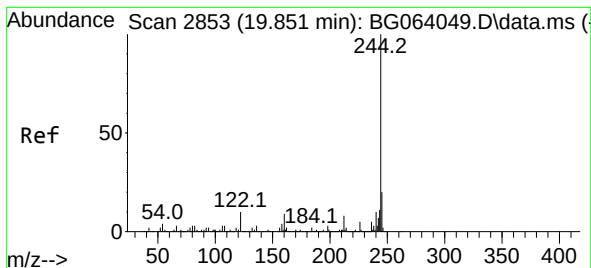
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.1 13.6 20.4





#79

Terphenyl-d14

Concen: 96.200 ng

RT: 19.844 min Scan# 2

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

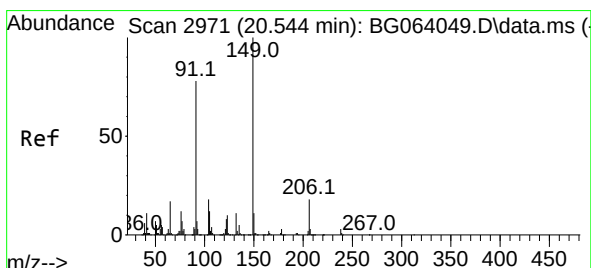
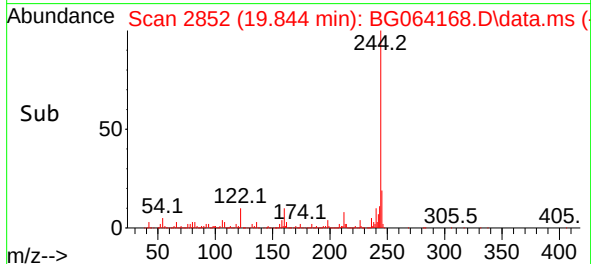
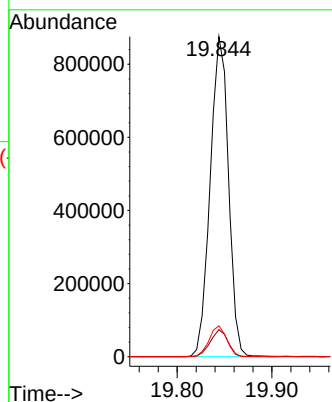
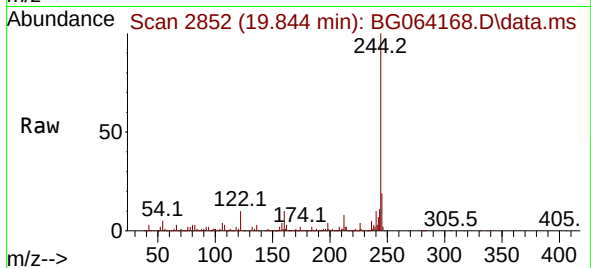
Tgt Ion:244 Resp: 1170951

Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 9.7 8.0 12.0



#80

Butylbenzylphthalate

Concen: 53.486 ng

RT: 20.537 min Scan# 2970

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

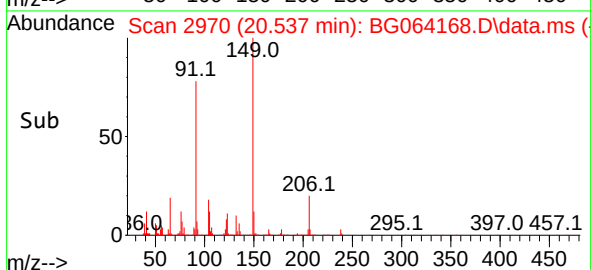
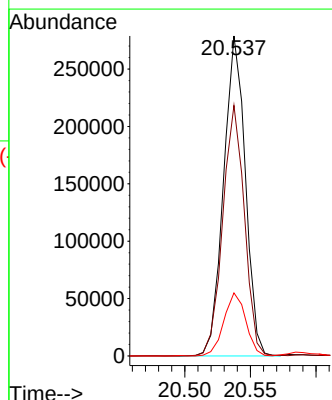
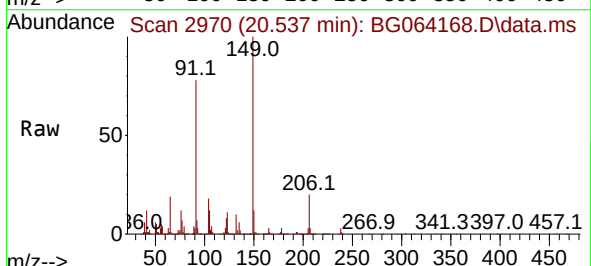
Tgt Ion:149 Resp: 321098

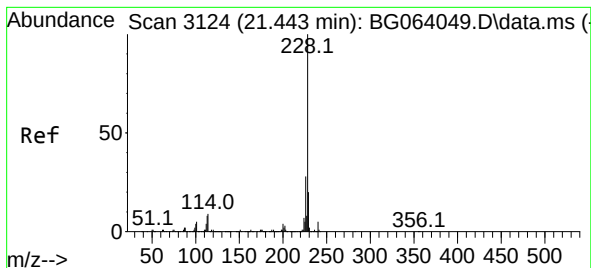
Ion Ratio Lower Upper

149 100

91 78.3 62.0 93.0

206 19.7 14.6 21.8





#81

Benzo(a)anthracene

Concen: 47.885 ng

RT: 21.442 min Scan# 3110

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

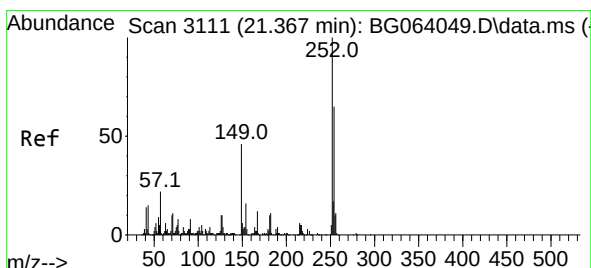
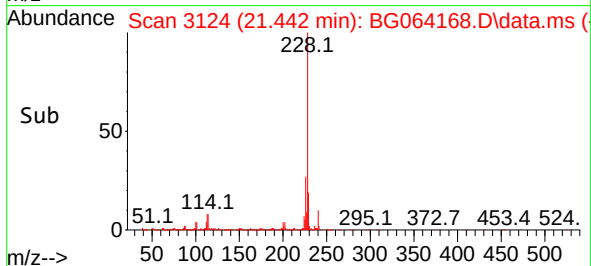
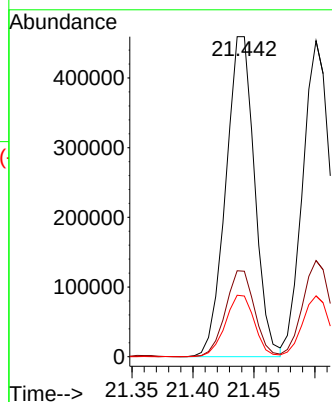
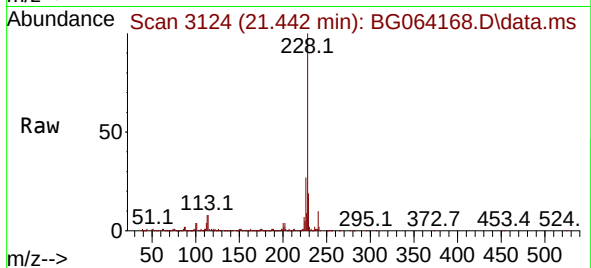
Tgt Ion:228 Resp: 754927

Ion Ratio Lower Upper

228 100

226 26.7 22.2 33.2

229 18.9 16.4 24.6



#82

3,3'-Dichlorobenzidine

Concen: 23.917 ng

RT: 21.360 min Scan# 3110

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

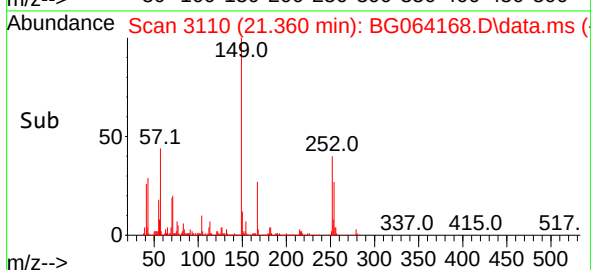
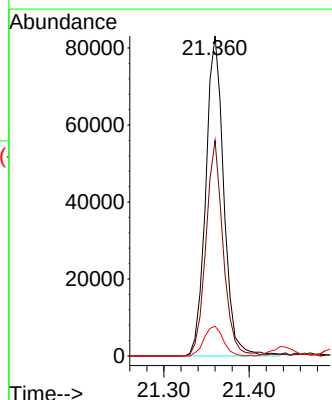
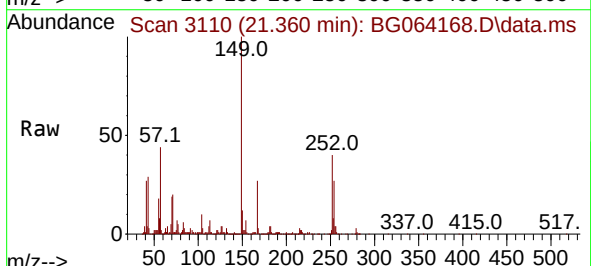
Tgt Ion:252 Resp: 122034

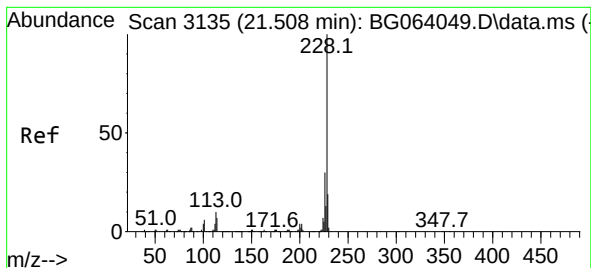
Ion Ratio Lower Upper

252 100

254 67.4 52.1 78.1

126 9.3 7.8 11.8





#83

Chrysene

Concen: 45.503 ng

RT: 21.501 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

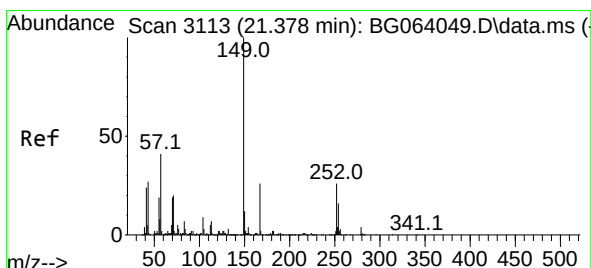
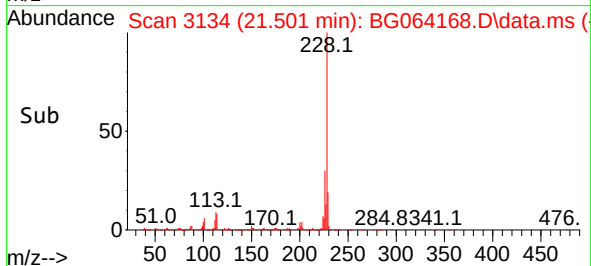
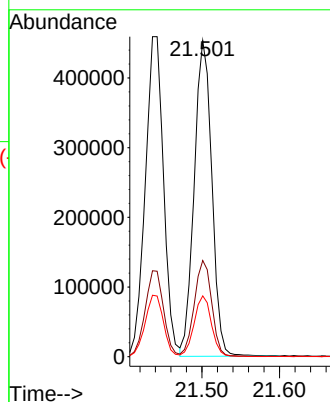
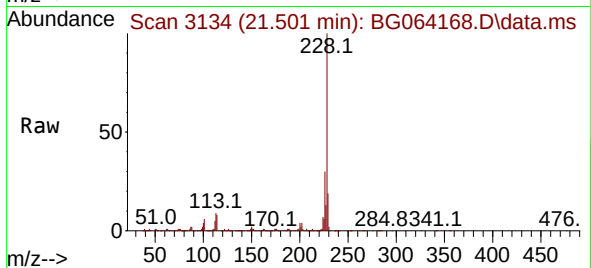
Tgt Ion:228 Resp: 715499

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 19.2 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.474 ng

RT: 21.372 min Scan# 3112

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

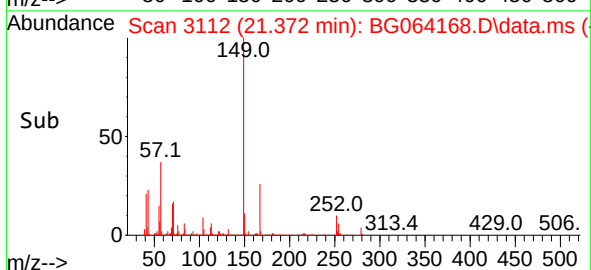
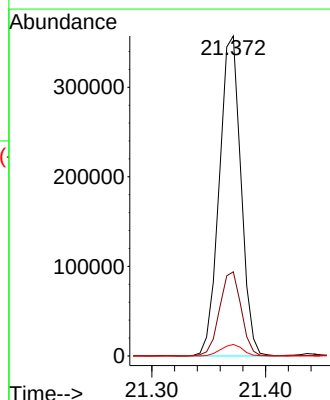
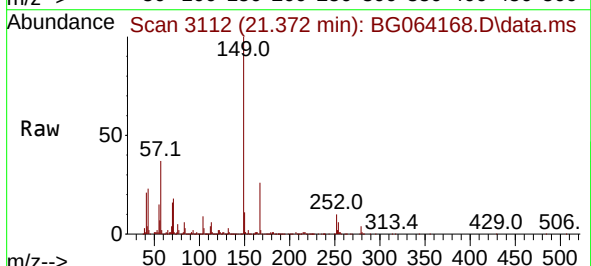
Tgt Ion:149 Resp: 472993

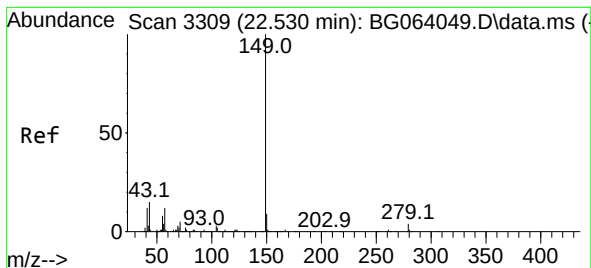
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 3.6 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 54.716 ng

RT: 22.512 min Scan# 31

Delta R.T. -0.018 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

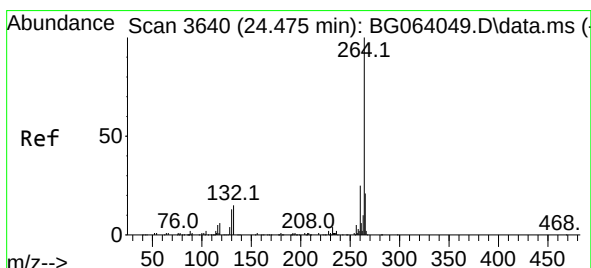
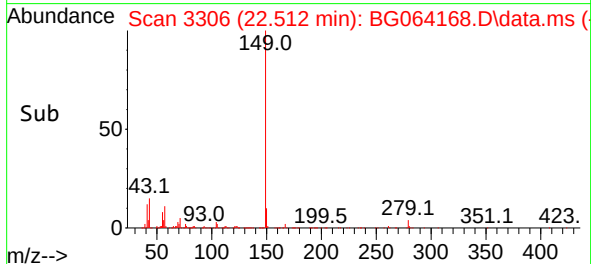
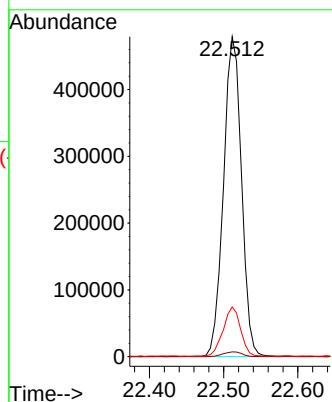
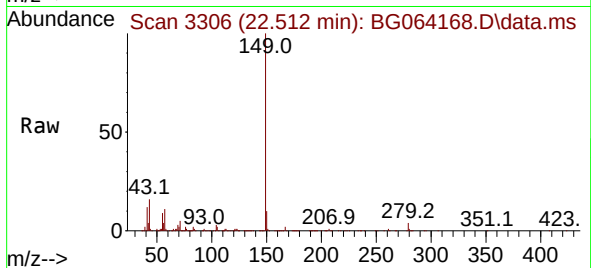
Tgt Ion:149 Resp: 804684

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 15.0 12.6 19.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.474 min Scan# 3640

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

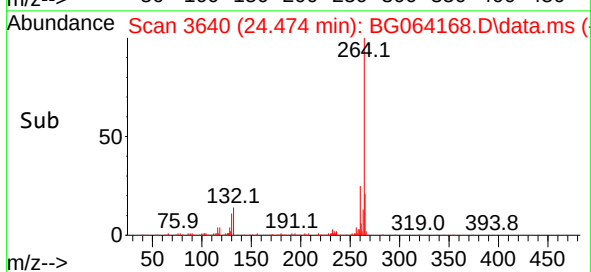
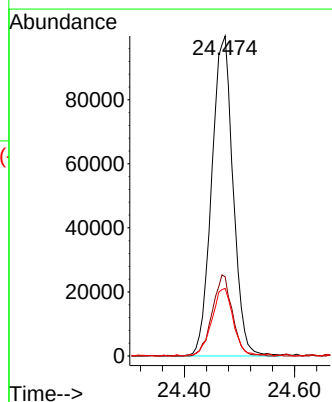
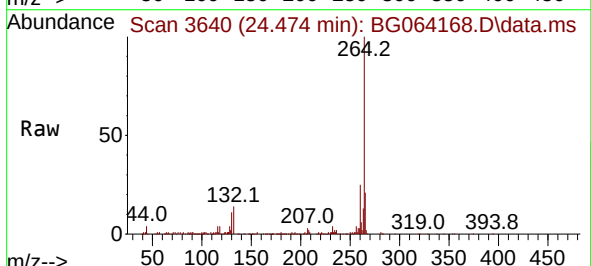
Tgt Ion:264 Resp: 269153

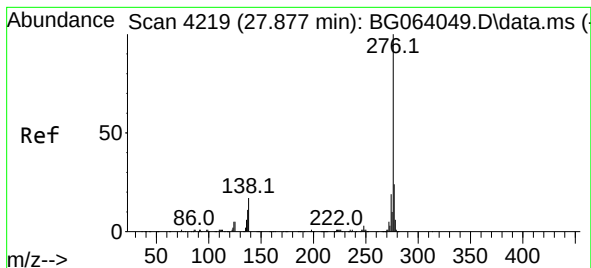
Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.929 ng

RT: 27.876 min Scan# 41

Delta R.T. -0.001 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

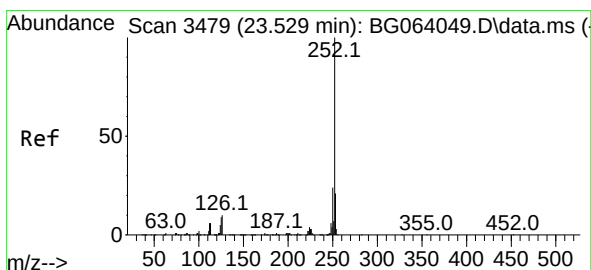
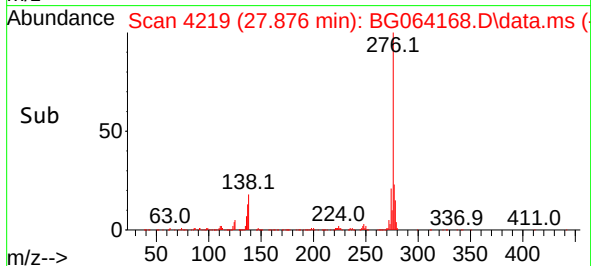
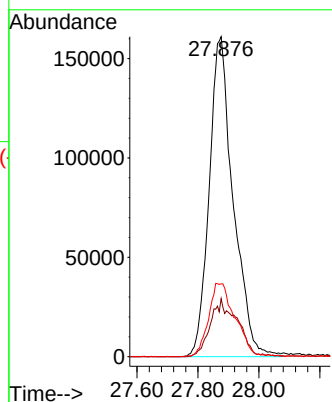
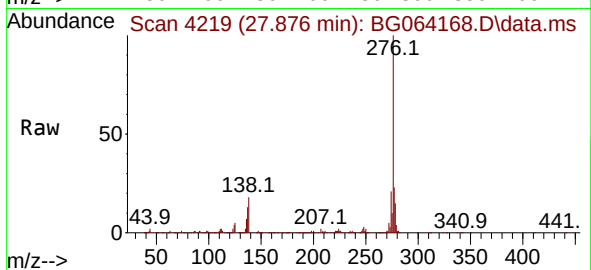
Tgt Ion:276 Resp: 881127

Ion Ratio Lower Upper

276 100

138 20.2 12.1 18.1#

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.181 ng

RT: 23.522 min Scan# 3478

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

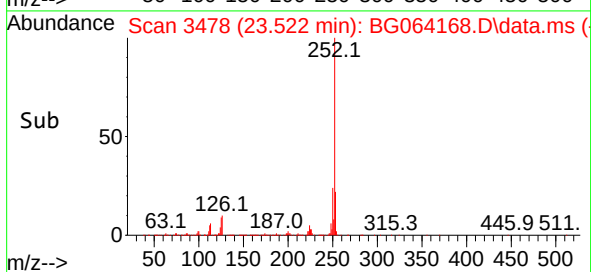
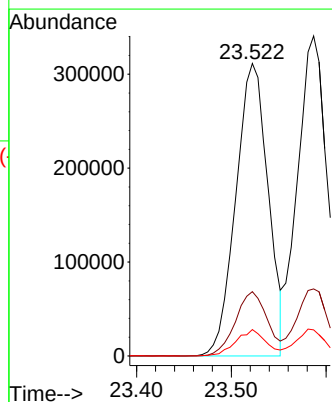
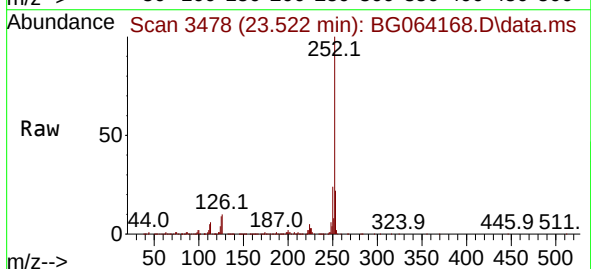
Tgt Ion:252 Resp: 735146

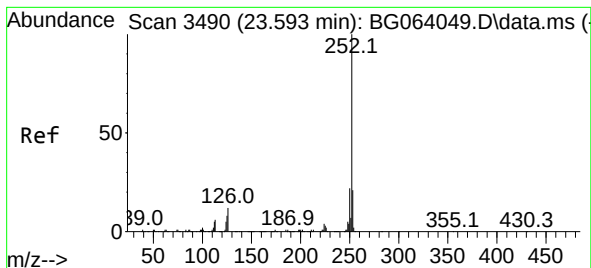
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.644 ng

RT: 23.587 min Scan# 34

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

Instrument :

BNA_G

ClientSampleId :

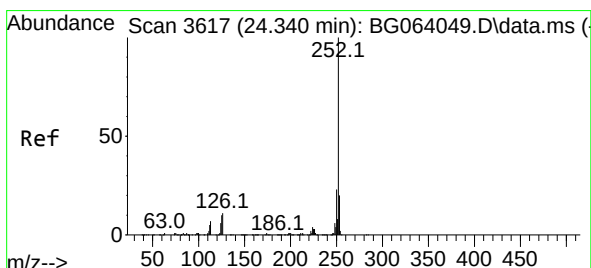
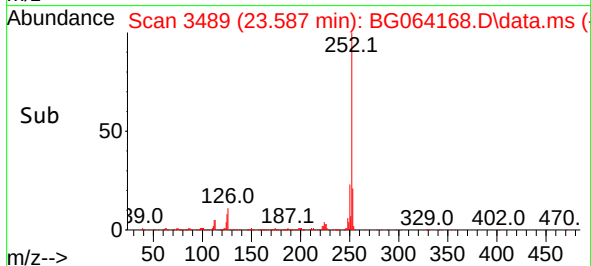
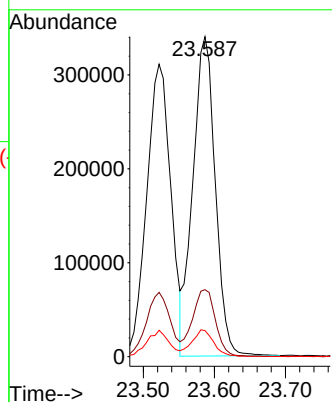
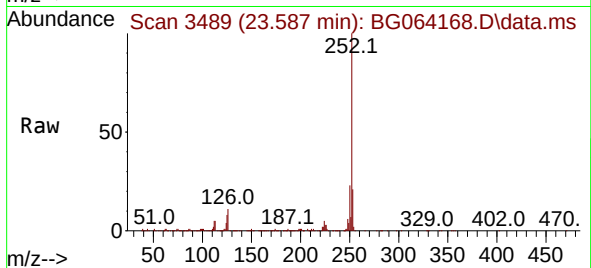
Tgt Ion:252 Resp: 745062

Ion Ratio Lower Upper

252 100

253 20.9 16.8 25.2

125 8.1 6.9 10.3



#90

Benzo(a)pyrene

Concen: 49.301 ng

RT: 24.333 min Scan# 3616

Delta R.T. -0.007 min

Lab File: BG064168.D

Acq: 3 Apr 2025 15:54

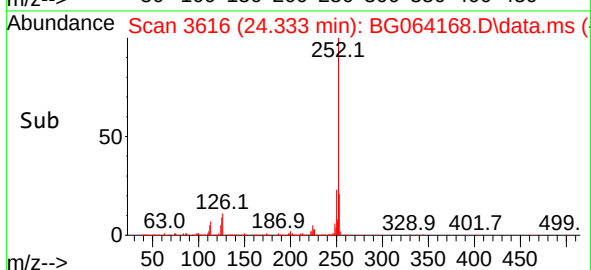
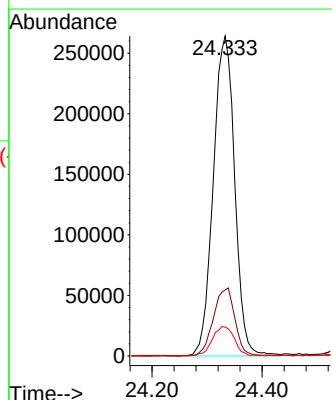
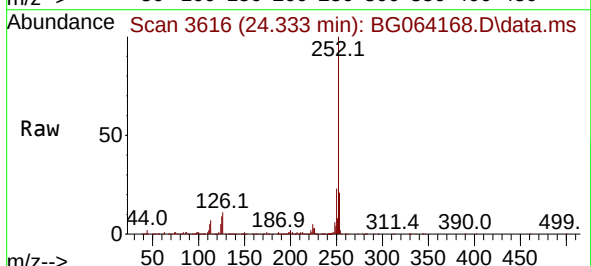
Tgt Ion:252 Resp: 714424

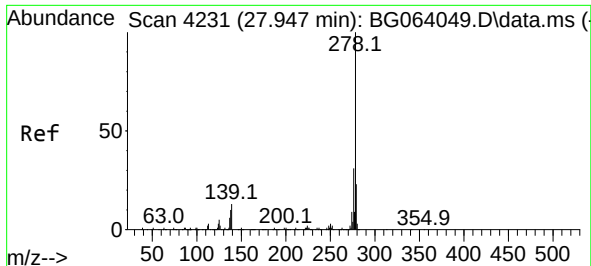
Ion Ratio Lower Upper

252 100

253 20.6 16.2 24.2

125 9.0 7.8 11.6

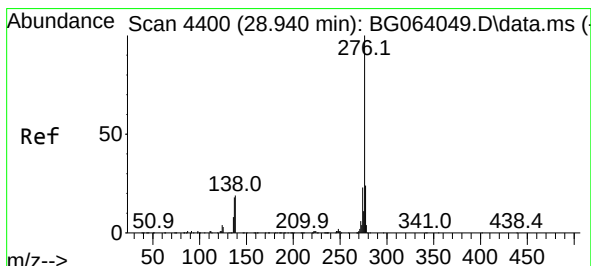
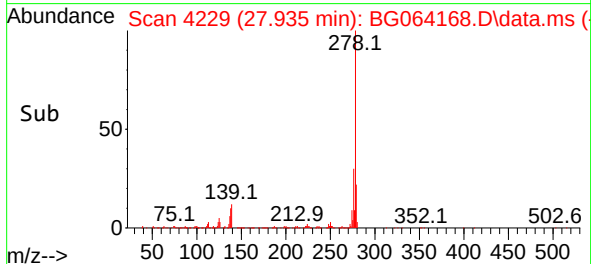
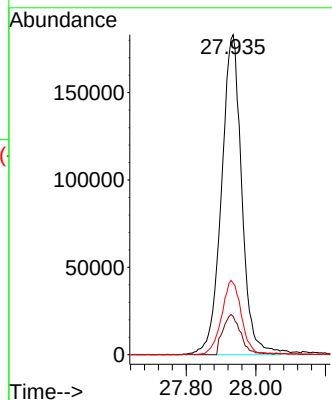
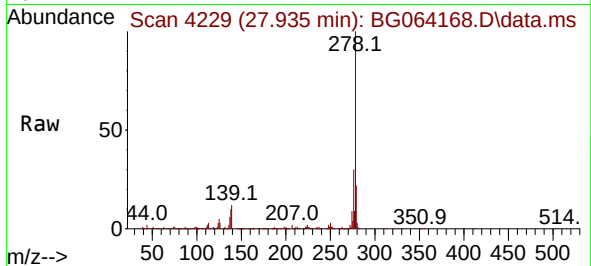




#91
Dibenzo(a,h)anthracene
Concen: 49.498 ng
RT: 27.935 min Scan# 41
Delta R.T. -0.012 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:278 Resp: 738993
Ion Ratio Lower Upper
278 100
139 12.0 10.2 15.2
279 22.4 18.1 27.1



#92
Benzo(g,h,i)perylene
Concen: 45.513 ng
RT: 28.933 min Scan# 4399
Delta R.T. -0.007 min
Lab File: BG064168.D
Acq: 3 Apr 2025 15:54

Tgt Ion:276 Resp: 697649
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 16.5 15.4 23.0

