

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
 Data File : BG064060.D
 Acq On : 7 Mar 2025 15:39
 Operator : RC/JU
 Sample : PB167027BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB167027BS

Quant Time: Mar 07 16:12:51 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	7.864	152	34687	20.000	ng	0.00
21) Naphthalene-d8	10.655	136	155641	20.000	ng	0.00
39) Acenaphthene-d10	14.492	164	112589	20.000	ng	0.00
64) Phenanthrene-d10	17.230	188	253745	20.000	ng	0.00
76) Chrysene-d12	21.466	240	254292	20.000	ng	0.00
86) Perylene-d12	24.480	264	275837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	310296	139.681	ng	0.00
7) Phenol-d6	7.030	99	412819	136.602	ng	0.00
23) Nitrobenzene-d5	9.016	82	265661	94.326	ng	0.00
42) 2,4,6-Tribromophenol	15.978	330	185497	148.219	ng	0.00
45) 2-Fluorobiphenyl	13.117	172	638446	86.073	ng	0.00
79) Terphenyl-d14	19.850	244	1175577	93.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.363	88	38466	38.207	ng	97
3) Pyridine	3.751	79	96049	39.228	ng	98
4) n-Nitrosodimethylamine	3.669	42	78132	44.663	ng	# 95
6) Aniline	7.188	93	106497	35.913	ng	99
8) 2-Chlorophenol	7.429	128	104925	43.977	ng	98
9) Benzaldehyde	7.000	77	36958	21.027	ng	95
10) Phenol	7.059	94	141366	45.689	ng	98
11) bis(2-Chloroethyl)ether	7.288	93	95875	39.524	ng	94
12) 1,3-Dichlorobenzene	7.752	146	103971	39.683	ng	95
13) 1,4-Dichlorobenzene	7.899	146	108911	40.555	ng	98
14) 1,2-Dichlorobenzene	8.217	146	103707	40.048	ng	98
15) Benzyl Alcohol	8.099	79	105756	45.286	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.387	45	233187	42.752	ng	99
17) 2-Methylphenol	8.299	107	98070	47.757	ng	98
18) Hexachloroethane	8.945	117	39503	42.043	ng	98
19) n-Nitroso-di-n-propyla...	8.669	70	90329	42.590	ng	99
20) 3+4-Methylphenols	8.628	107	134891	47.714	ng	94
22) Acetophenone	8.681	105	194894	45.671	ng	# 97
24) Nitrobenzene	9.057	77	128238	44.058	ng	98
25) Isophorone	9.580	82	246299	43.692	ng	96
26) 2-Nitrophenol	9.768	139	42881	43.608	ng	92
27) 2,4-Dimethylphenol	9.826	122	101419	60.013	ng	93
28) bis(2-Chloroethoxy)met...	10.067	93	142441	41.677	ng	98
29) 2,4-Dichlorophenol	10.296	162	102575	48.069	ng	97
30) 1,2,4-Trichlorobenzene	10.520	180	105591	40.990	ng	99
31) Naphthalene	10.702	128	344551	41.054	ng	99
32) Benzoic acid	9.973	122	62761	41.811	ng	89
33) 4-Chloroaniline	10.808	127	55447	18.076	ng	99
34) Hexachlorobutadiene	10.996	225	71617	42.415	ng	99
35) Caprolactam	11.566	113	22033	26.944	ng	96
36) 4-Chloro-3-methylphenol	11.930	107	129710	46.372	ng	96
37) 2-Methylnaphthalene	12.312	142	242058	40.855	ng	98
38) 1-Methylnaphthalene	12.529	142	240617	41.453	ng	97
40) 1,2,4,5-Tetrachloroben...	12.682	216	143110	44.522	ng	99
41) Hexachlorocyclopentadiene	12.664	237	140946	155.796	ng	91
43) 2,4,6-Trichlorophenol	12.917	196	90615	47.832	ng	97

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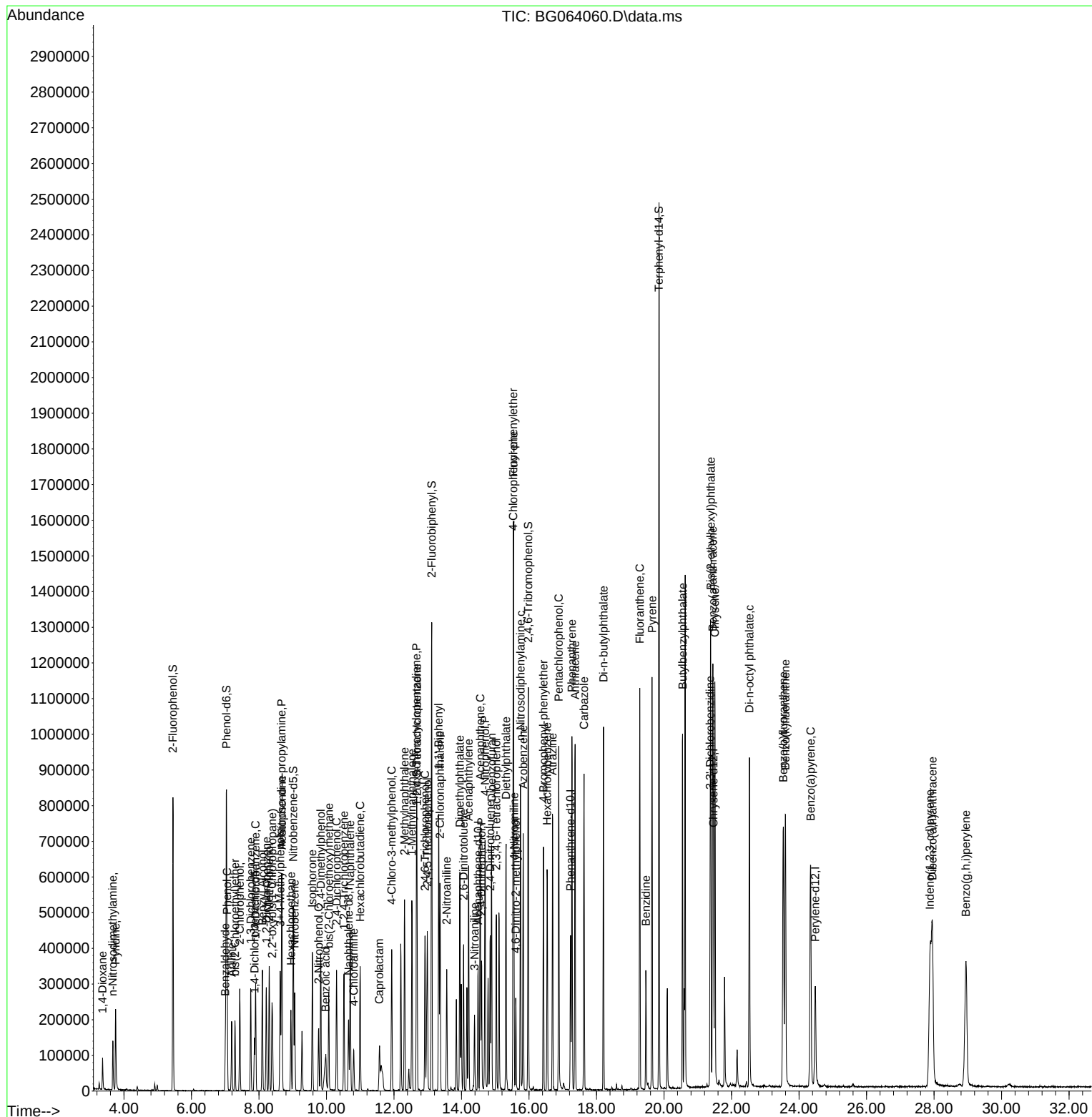
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	101854	48.387	ng	99
46) 1,1'-Biphenyl	13.322	154	385498	45.320	ng	99
47) 2-Chloronaphthalene	13.363	162	259667	41.856	ng	97
48) 2-Nitroaniline	13.563	65	89126	44.061	ng	98
49) Acenaphthylene	14.210	152	435964	44.428	ng	99
50) Dimethylphthalate	13.951	163	349243	42.022	ng	100
51) 2,6-Dinitrotoluene	14.063	165	71443	42.766	ng	91
52) Acenaphthene	14.556	154	276523	41.990	ng	96
53) 3-Nitroaniline	14.386	138	41117	25.598	ng	98
54) 2,4-Dinitrophenol	14.591	184	62531	88.069	ng	# 86
55) Dibenzofuran	14.891	168	426402	39.969	ng	99
56) 4-Nitrophenol	14.697	139	134644	99.947	ng	93
57) 2,4-Dinitrotoluene	14.850	165	104186	45.027	ng	# 96
58) Fluorene	15.537	166	346223	41.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.032	232	94849	46.220	ng	95
60) Diethylphthalate	15.320	149	379847	42.100	ng	100
61) 4-Chlorophenyl-phenyle...	15.532	204	171110	41.440	ng	93
62) 4-Nitroaniline	15.555	138	77649	44.775	ng	99
63) Azobenzene	15.825	77	386892	40.185	ng	99
65) 4,6-Dinitro-2-methylph...	15.608	198	48030	44.528	ng	98
66) n-Nitrosodiphenylamine	15.749	169	312948	43.571	ng	99
67) 4-Bromophenyl-phenylether	16.425	248	113650	43.731	ng	98
68) Hexachlorobenzene	16.536	284	124776	42.886	ng	96
69) Atrazine	16.701	200	138076	65.336	ng	96
70) Pentachlorophenol	16.883	266	165396	91.557	ng	98
71) Phenanthrene	17.271	178	584770	43.207	ng	99
72) Anthracene	17.365	178	599926	44.578	ng	99
73) Carbazole	17.629	167	535441	42.613	ng	99
74) Di-n-butylphthalate	18.205	149	651127	44.024	ng	100
75) Fluoranthene	19.280	202	675567	41.404	ng	98
77) Benzidine	19.462	184	187648	53.291	ng	98
78) Pyrene	19.644	202	714233	43.572	ng	98
80) Butylbenzylphthalate	20.549	149	274108	44.823	ng	98
81) Benzo(a)anthracene	21.442	228	726148	44.579	ng	99
82) 3,3'-Dichlorobenzidine	21.366	252	152208	28.872	ng	96
83) Chrysene	21.507	228	701459	43.176	ng	99
84) Bis(2-ethylhexyl)phtha...	21.383	149	424390	48.174	ng	99
85) Di-n-octyl phthalate	22.529	149	723815	47.635	ng	99
87) Indeno(1,2,3-cd)pyrene	27.876	276	835748	45.284	ng	98
88) Benzo(b)fluoranthene	23.534	252	707242	42.412	ng	98
89) Benzo(k)fluoranthene	23.599	252	722895	43.213	ng	99
90) Benzo(a)pyrene	24.345	252	678225	45.669	ng	97
91) Dibenzo(a,h)anthracene	27.952	278	682070	44.579	ng	100
92) Benzo(g,h,i)perylene	28.945	276	653491	41.599	ng	96

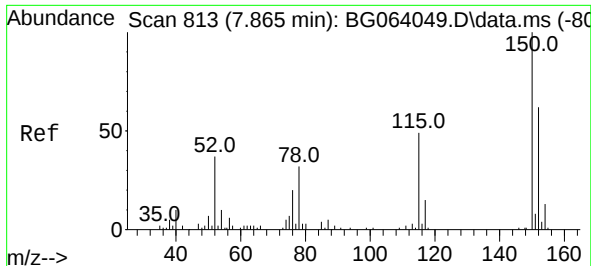
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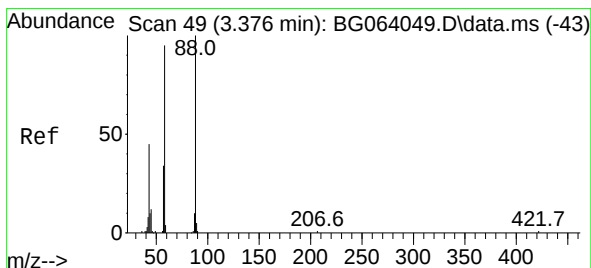
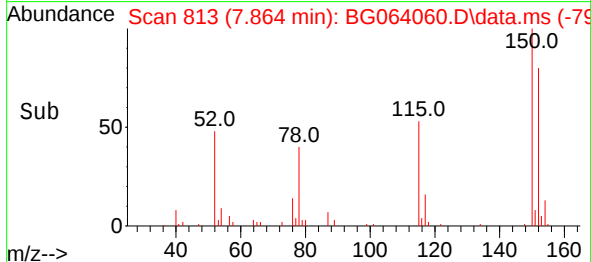
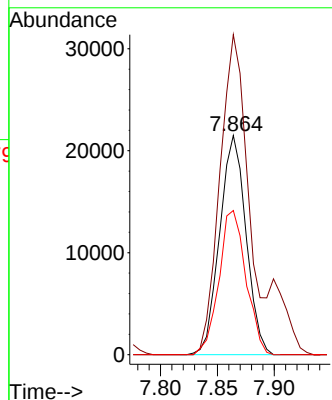
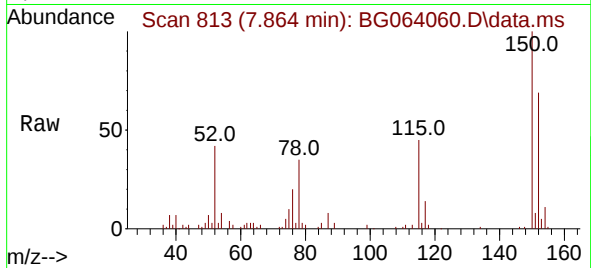




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.864 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG064060.D
 Acq: 7 Mar 2025 15:39

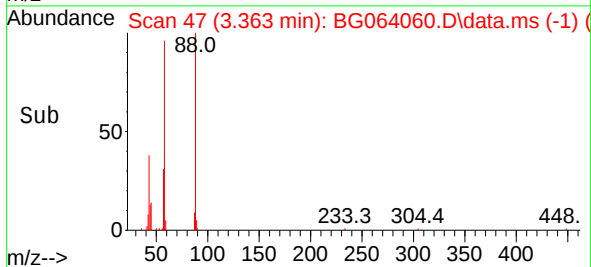
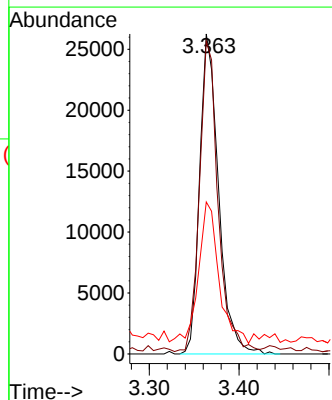
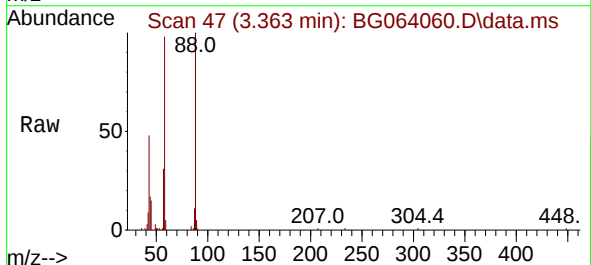
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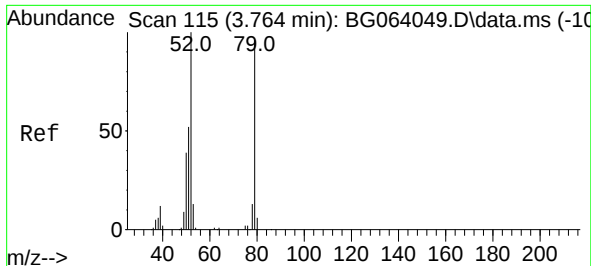
Tgt Ion:152 Resp: 34687
 Ion Ratio Lower Upper
 152 100
 150 145.9 129.2 193.8
 115 65.8 63.0 94.6



#2
 1,4-Dioxane
 Concen: 38.207 ng
 RT: 3.363 min Scan# 47
 Delta R.T. -0.012 min
 Lab File: BG064060.D
 Acq: 7 Mar 2025 15:39

Tgt Ion: 88 Resp: 38466
 Ion Ratio Lower Upper
 88 100
 58 94.8 74.6 111.8
 43 47.3 35.5 53.3

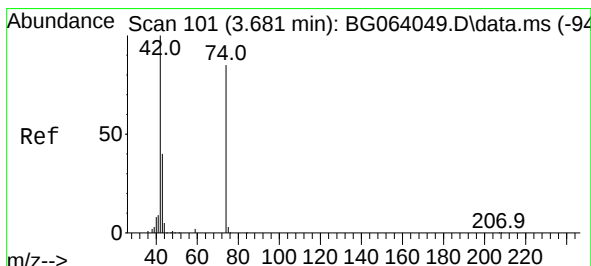
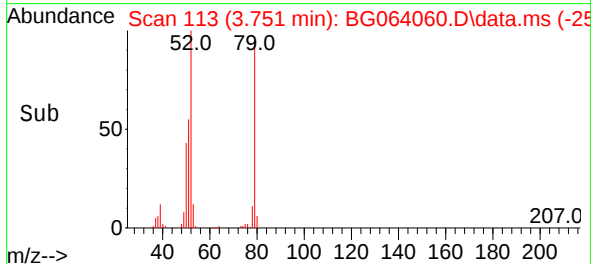
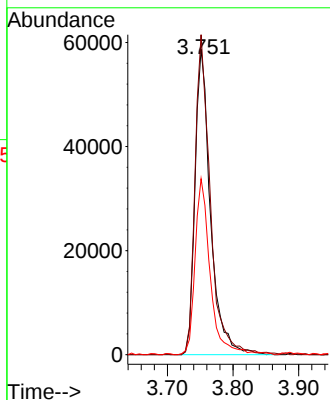
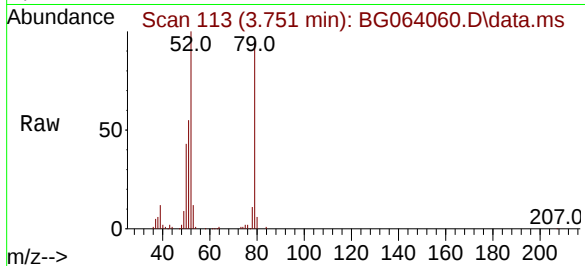




#3
Pyridine
Concen: 39.228 ng
RT: 3.751 min Scan# 115
Delta R.T. -0.012 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

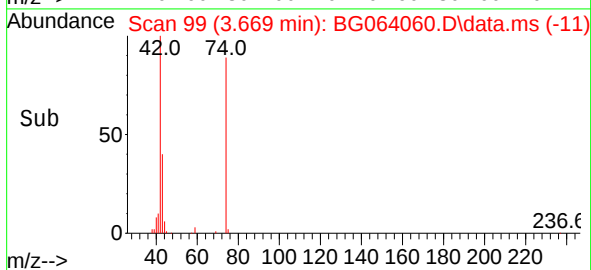
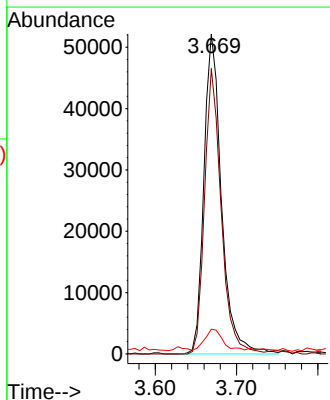
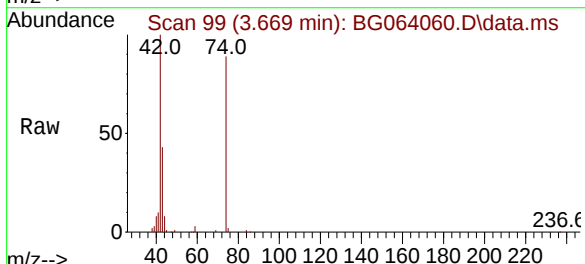
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ClientSampleId :
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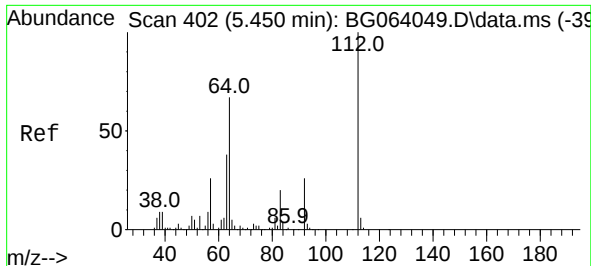
Tgt Ion: 79 Resp: 96049
Ion Ratio Lower Upper
79 100
52 104.7 83.0 124.6
51 57.6 44.3 66.5



#4
n-Nitrosodimethylamine
Concen: 44.663 ng
RT: 3.669 min Scan# 99
Delta R.T. -0.012 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion: 42 Resp: 78132
Ion Ratio Lower Upper
42 100
74 89.2 68.0 102.0
44 7.8 4.9 7.3

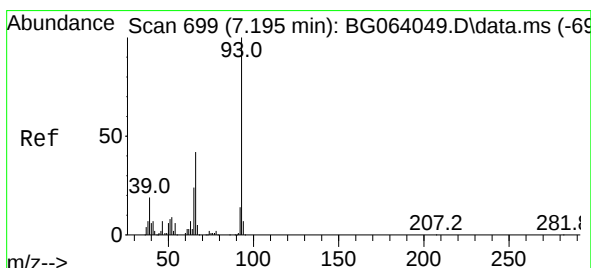
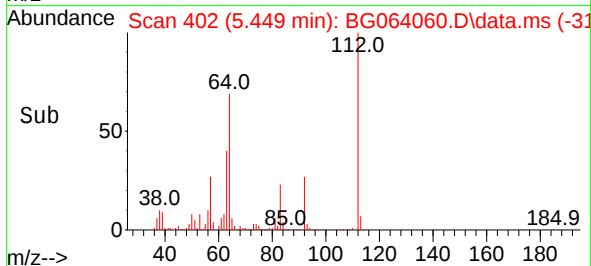
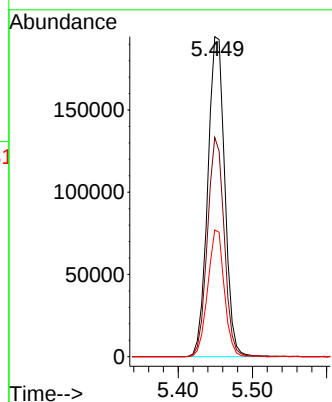
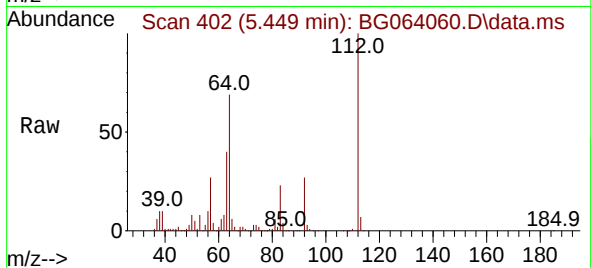




#5
2-Fluorophenol
Concen: 139.681 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

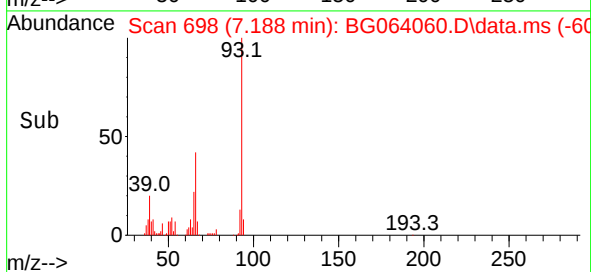
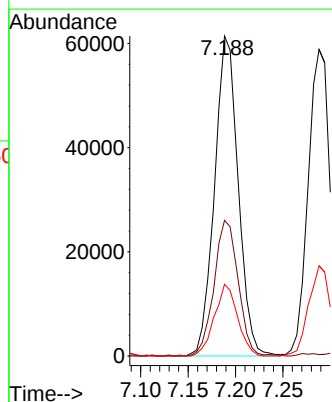
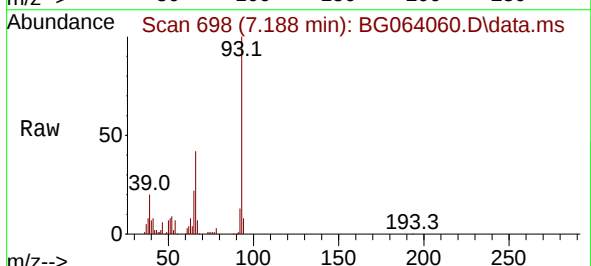
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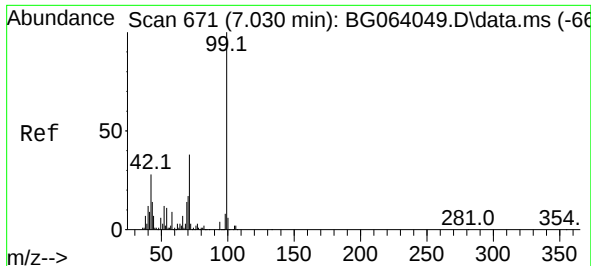
Tgt Ion:112 Resp: 310296
Ion Ratio Lower Upper
112 100
64 68.5 53.7 80.5
63 39.6 30.2 45.4



#6
Aniline
Concen: 35.913 ng
RT: 7.188 min Scan# 698
Delta R.T. -0.007 min
Lab File: BG064060.D
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Tgt Ion: 93 Resp: 106497
Ion Ratio Lower Upper
93 100
66 42.4 33.7 50.5
65 22.4 19.1 28.7

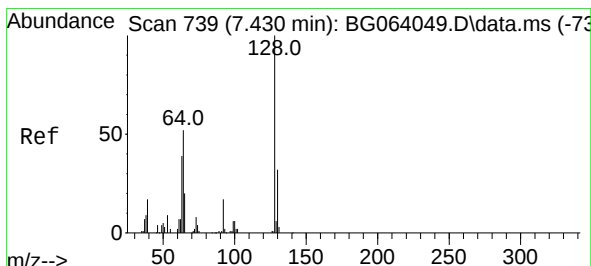
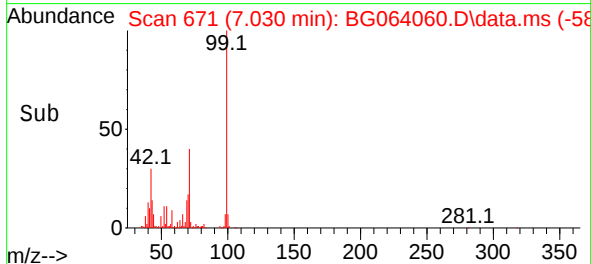
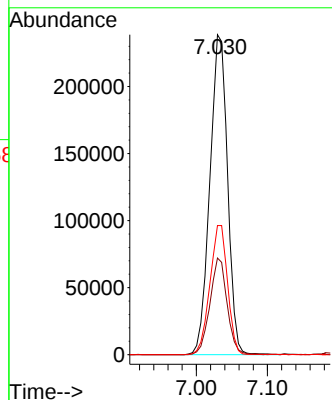
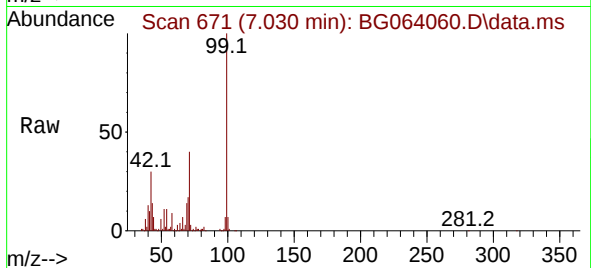




#7
Phenol-d6
Concen: 136.602 ng
RT: 7.030 min Scan# 671
Delta R.T. -0.001 min
Lab File: BG064060.D
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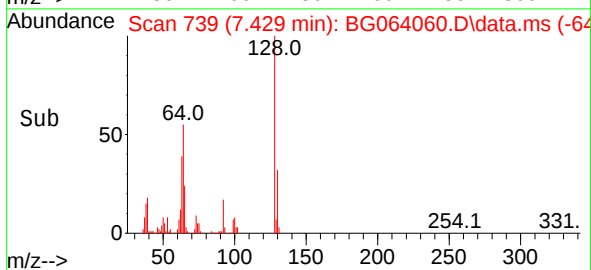
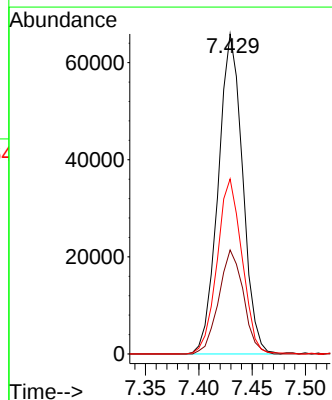
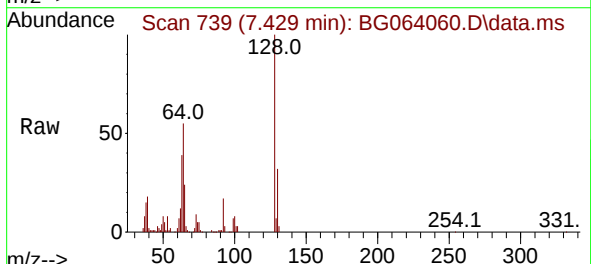
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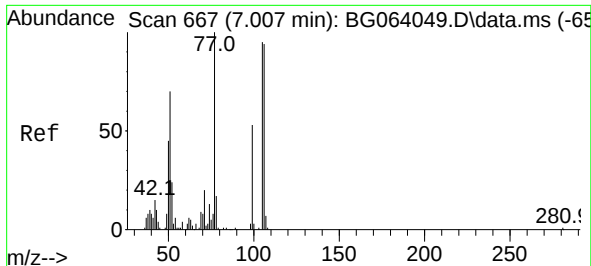
Tgt Ion: 99 Resp: 412819
Ion Ratio Lower Upper
99 100
42 30.2 22.7 34.1
71 40.3 30.6 46.0



#8
2-Chlorophenol
Concen: 43.977 ng
RT: 7.429 min Scan# 739
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:128 Resp: 104925
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 54.7 37.0 77.0

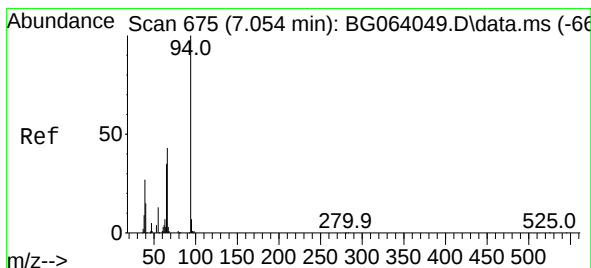
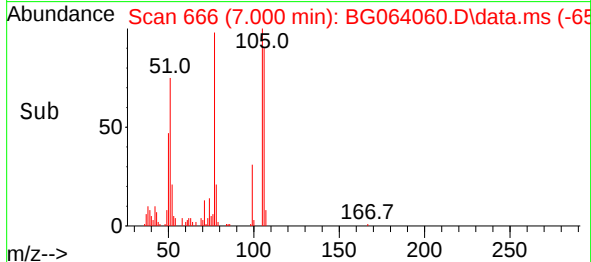
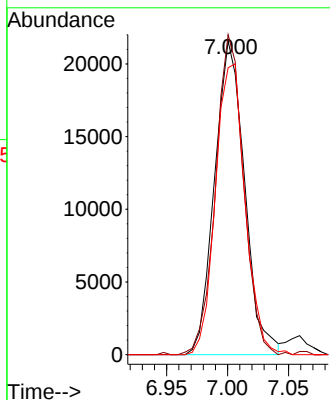
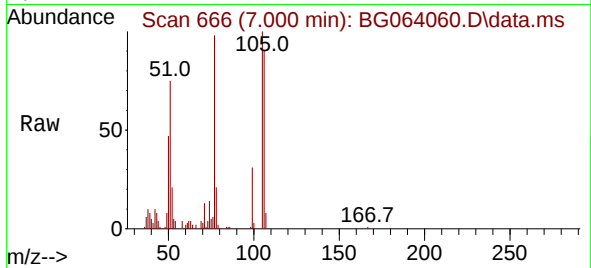




#9
Benzaldehyde
Concen: 21.027 ng
RT: 7.000 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG064060.D
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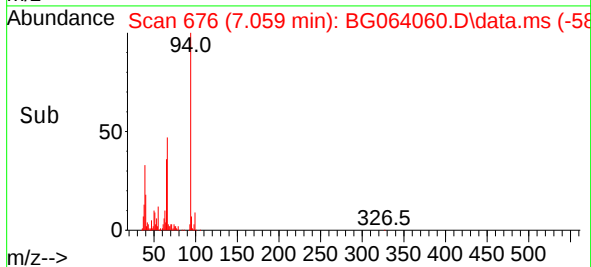
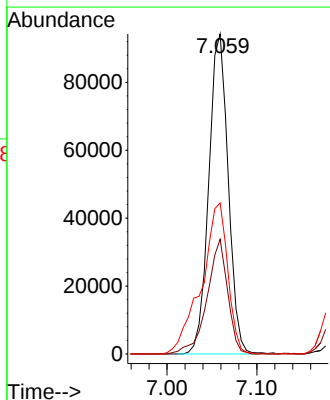
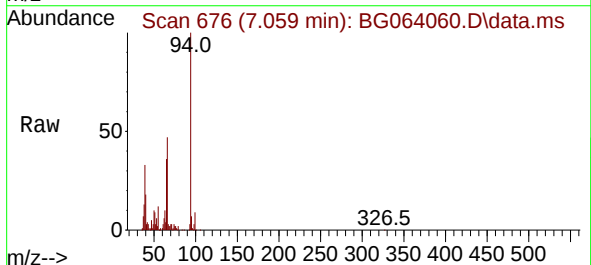
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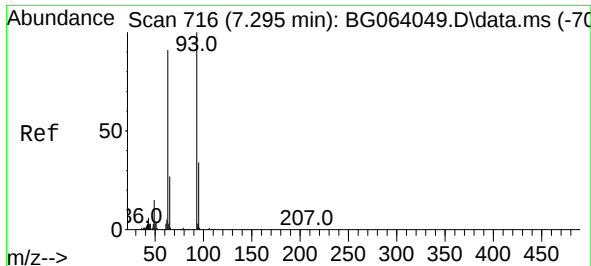
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Ion Ratio Lower Upper
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105 102.0 75.5 115.5
106 91.5 74.2 114.2



#10
Phenol
Concen: 45.689 ng
RT: 7.059 min Scan# 676
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion: 94 Resp: 141366
Ion Ratio Lower Upper
94 100
65 35.8 15.2 55.2
66 47.2 25.1 65.1

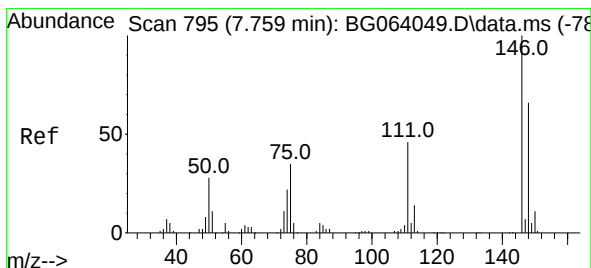
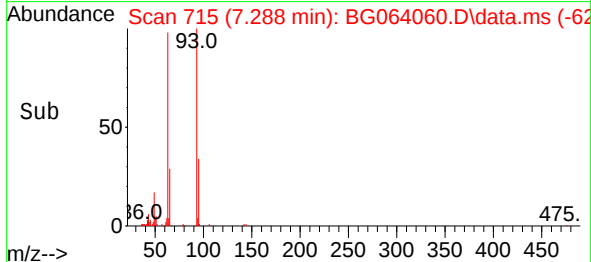
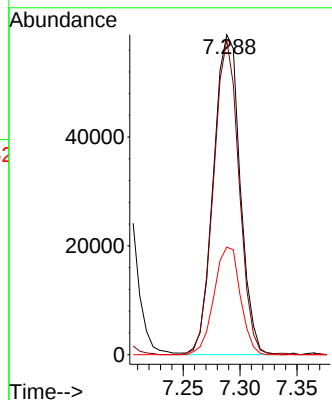
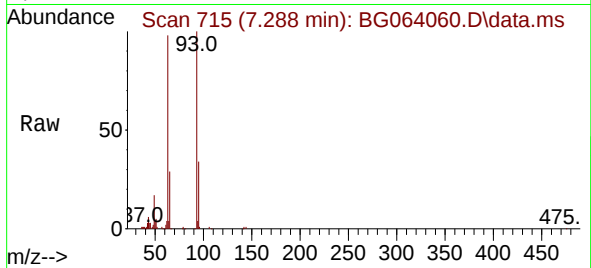




#11
bis(2-Chloroethyl)ether
Concen: 39.524 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.007 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

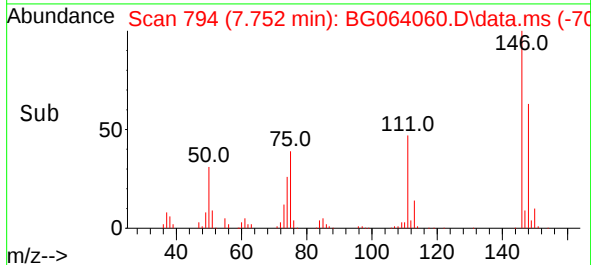
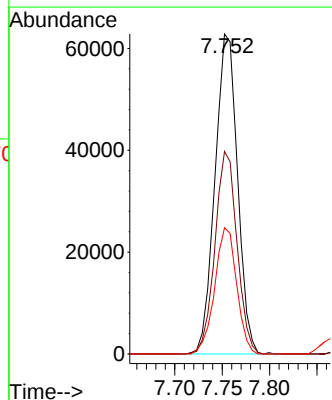
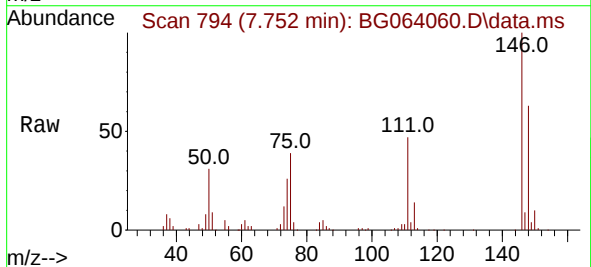
Instrument :
BNA_G
ClientSampleId :
PB167027BS

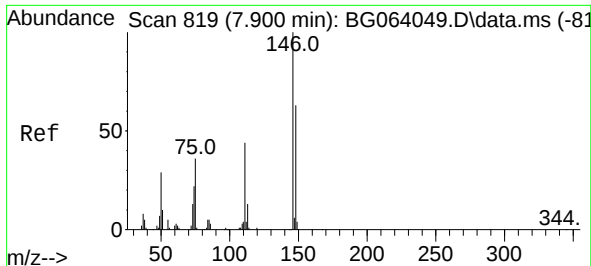
Tgt Ion: 93 Resp: 95875
Ion Ratio Lower Upper
93 100
63 98.3 70.0 110.0
95 33.6 13.7 53.7



#12
1,3-Dichlorobenzene
Concen: 39.683 ng
RT: 7.752 min Scan# 794
Delta R.T. -0.007 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:146 Resp: 103971
Ion Ratio Lower Upper
146 100
148 63.3 52.6 78.8
75 39.5 28.1 42.1

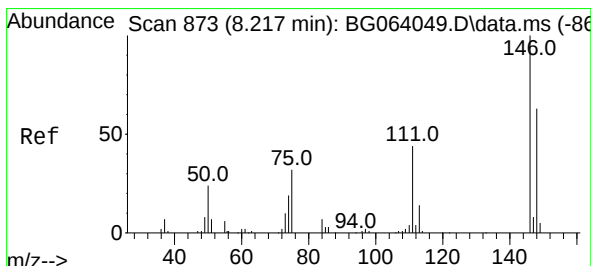
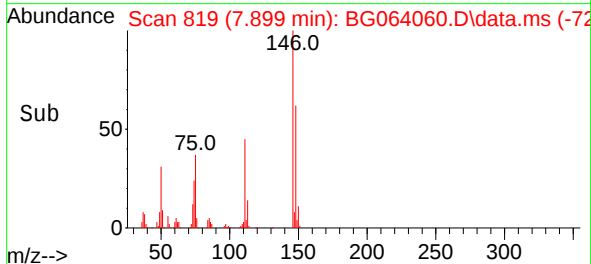
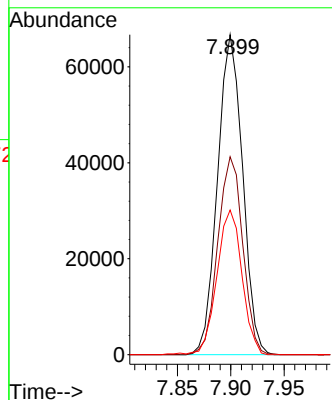
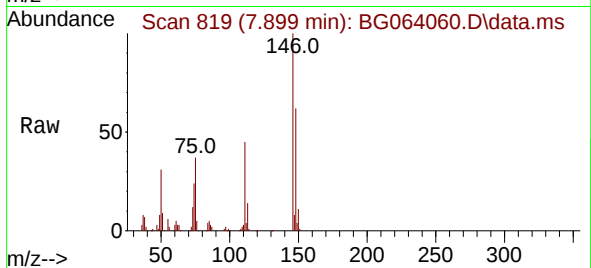




#13
1,4-Dichlorobenzene
Concen: 40.555 ng
RT: 7.899 min Scan# 819
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

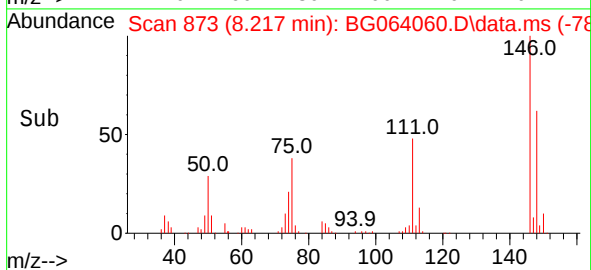
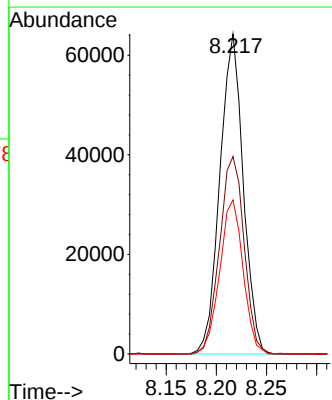
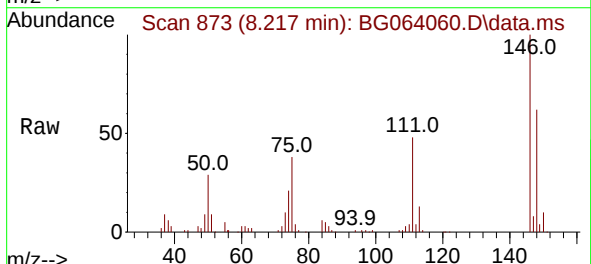
Instrument :
BNA_G
ClientSampleId :
PB167027BS

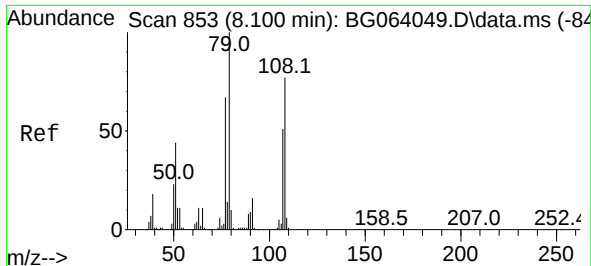
Tgt Ion:146 Resp: 108911
Ion Ratio Lower Upper
146 100
148 61.8 50.6 75.8
111 45.2 35.1 52.7



#14
1,2-Dichlorobenzene
Concen: 40.048 ng
RT: 8.217 min Scan# 873
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:146 Resp: 103707
Ion Ratio Lower Upper
146 100
148 61.7 50.2 75.2
111 48.1 36.4 54.6

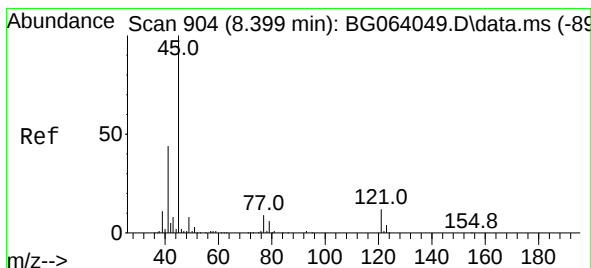
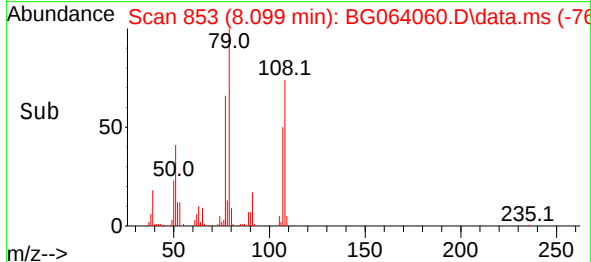
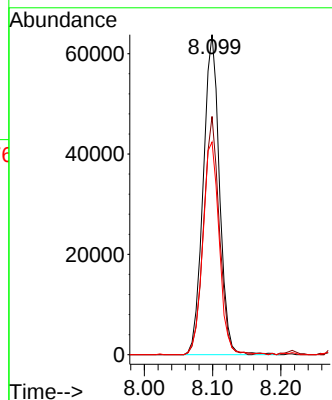
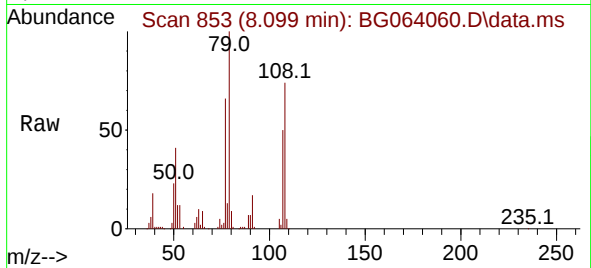




#15
Benzyl Alcohol
Concen: 45.286 ng
RT: 8.099 min Scan# 801
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

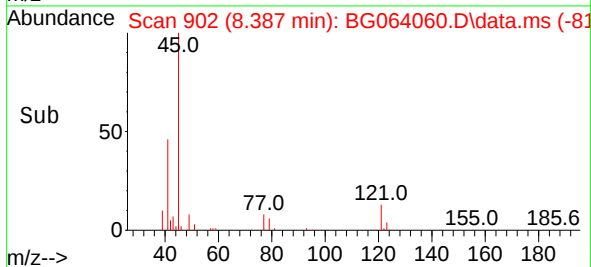
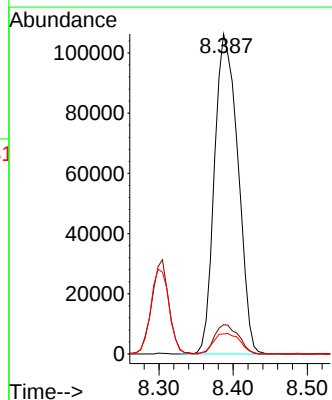
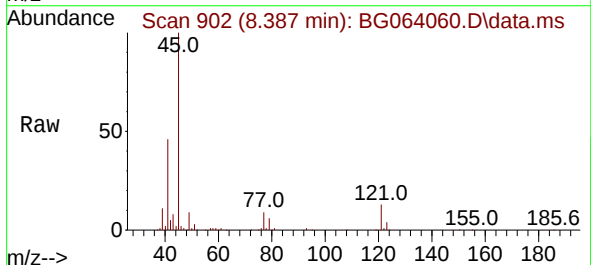
Instrument :
BNA_G
ClientSampleId :
PB167027BS

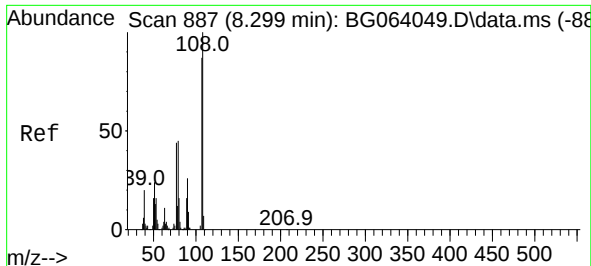
Tgt Ion: 79 Resp: 105756
Ion Ratio Lower Upper
79 100
108 74.4 61.7 92.5
77 66.5 53.9 80.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.752 ng
RT: 8.387 min Scan# 902
Delta R.T. -0.012 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion: 45 Resp: 233187
Ion Ratio Lower Upper
45 100
77 9.1 0.0 29.0
79 6.3 0.0 26.6

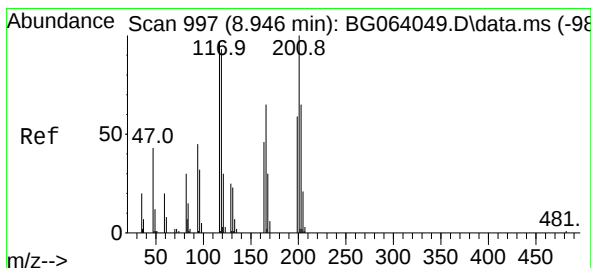
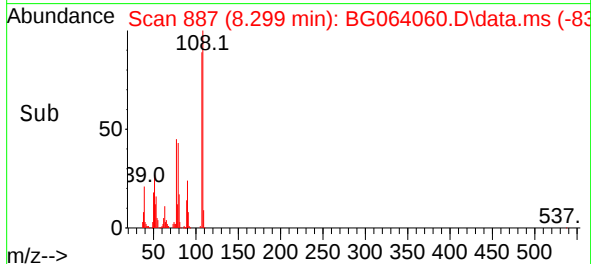
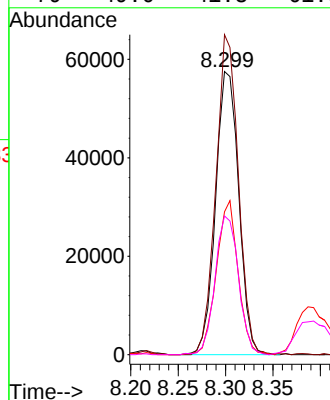
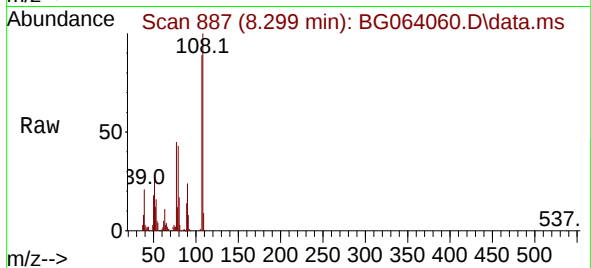




#17
2-Methylphenol
Concen: 47.757 ng
RT: 8.299 min Scan# 887
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

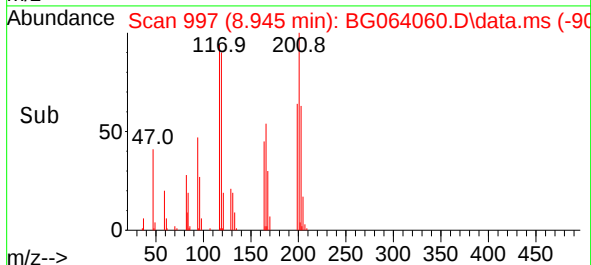
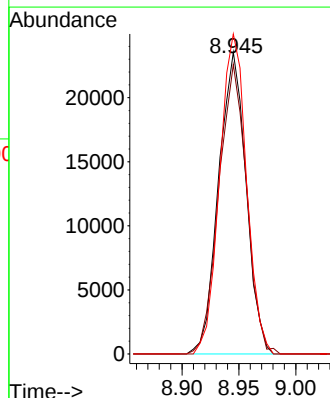
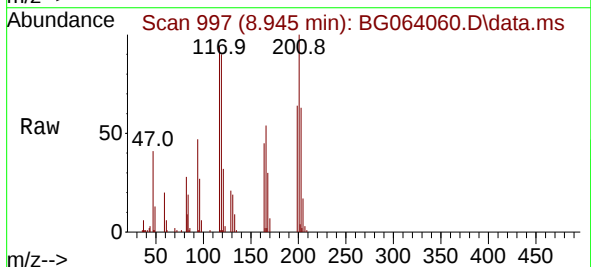
Instrument :
BNA_G
ClientSampleId :
PB167027BS

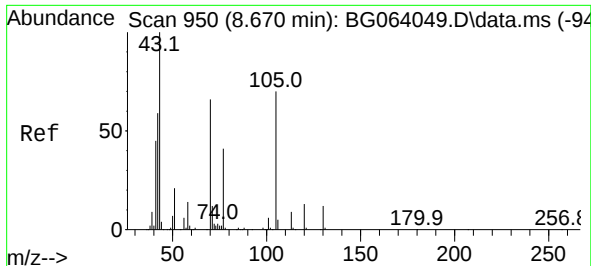
Tgt Ion:	107	Resp:	98070
Ion	Ratio	Lower	Upper
107	100		
108	113.0	92.5	138.7
77	50.5	40.5	60.7
79	49.0	41.3	61.9



#18
Hexachloroethane
Concen: 42.043 ng
RT: 8.945 min Scan# 997
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:	117	Resp:	39503
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.2	114.2
201	106.0	81.5	122.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.590 ng

RT: 8.669 min Scan# 950

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

Tgt Ion: 70 Resp: 90329

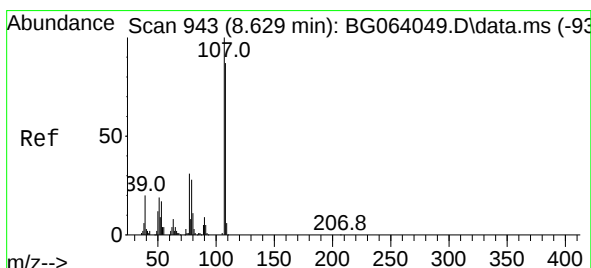
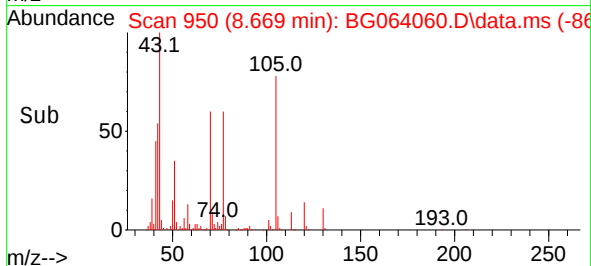
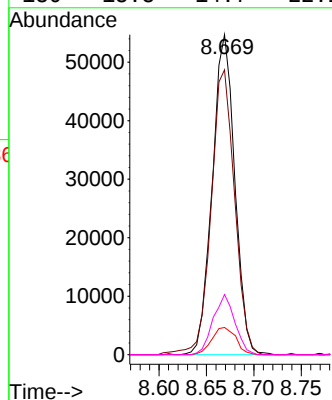
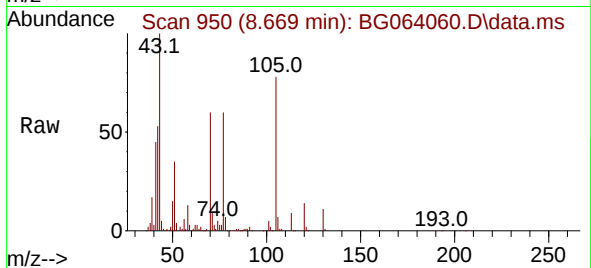
Ion Ratio Lower Upper

70 100

42 89.0 72.1 108.1

101 8.5 7.2 10.8

130 18.8 14.7 22.1



#20

3+4-Methylphenols

Concen: 47.714 ng

RT: 8.628 min Scan# 943

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Tgt Ion:107 Resp: 134891

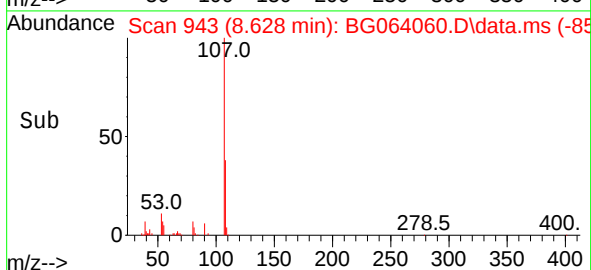
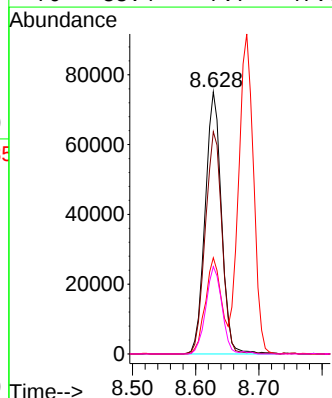
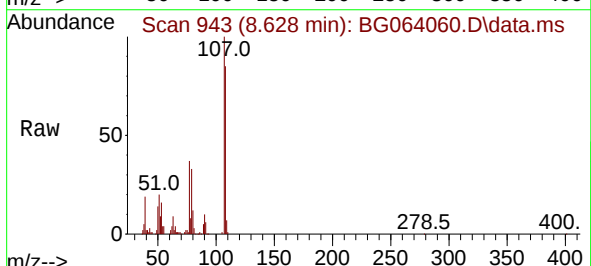
Ion Ratio Lower Upper

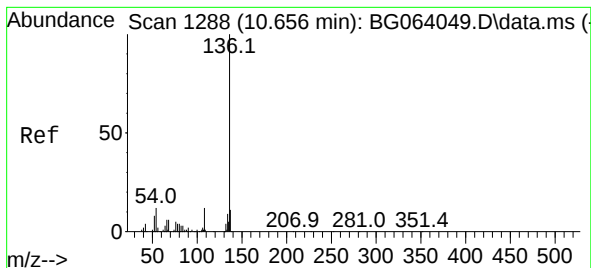
107 100

108 84.8 67.0 107.0

77 36.7 11.2 51.2

79 33.4 7.7 47.7

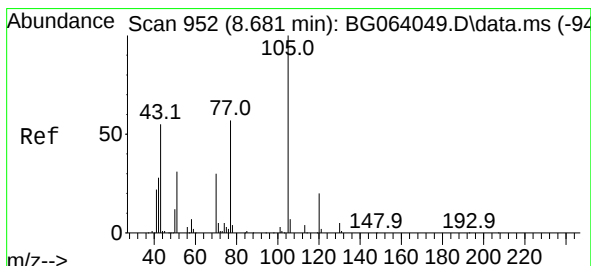
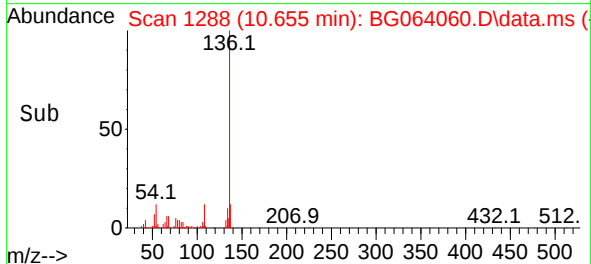
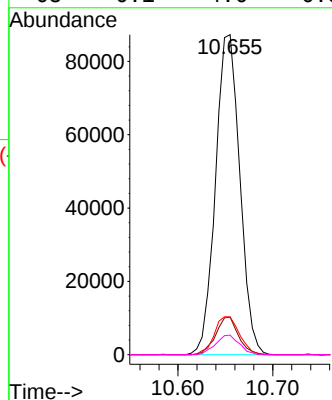
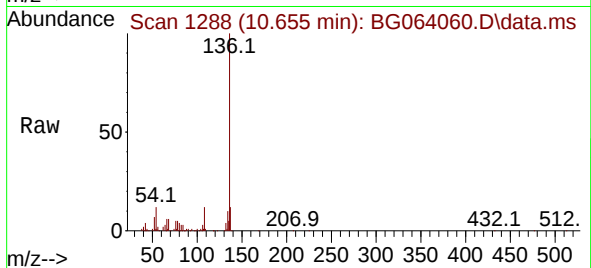




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.655 min Scan# 1288
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

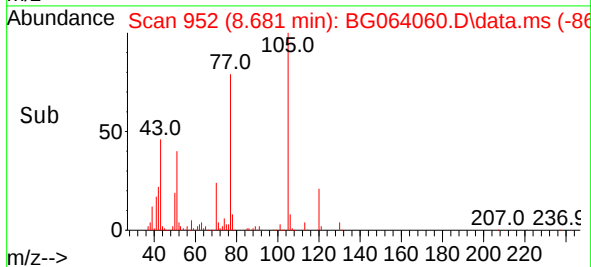
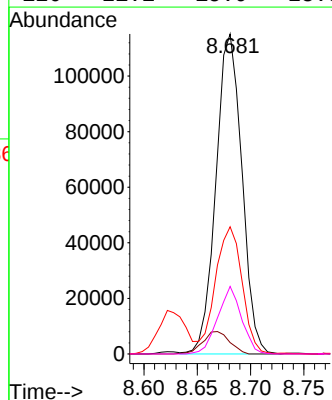
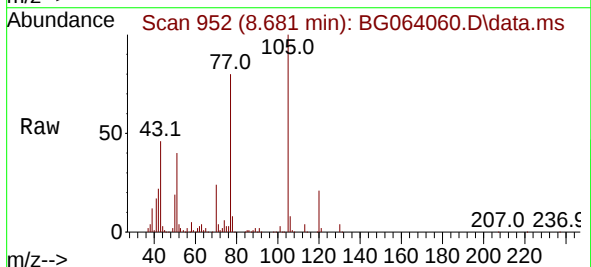
Instrument :
BNA_G
ClientSampleId :
PB167027BS

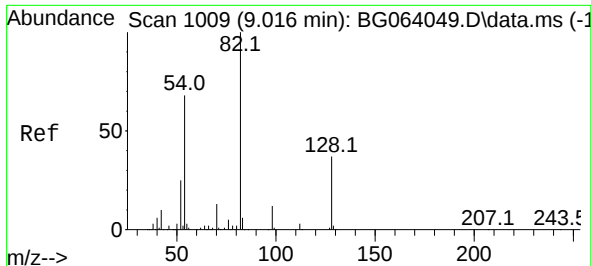
Tgt Ion:136 Resp: 155641
Ion Ratio Lower Upper
136 100
137 11.7 8.5 12.7
54 11.8 9.9 14.9
68 6.1 4.6 6.8



#22
Acetophenone
Concen: 45.671 ng
RT: 8.681 min Scan# 952
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:105 Resp: 194894
Ion Ratio Lower Upper
105 100
71 3.6 4.2 6.4#
51 39.7 33.3 49.9
120 21.1 15.9 23.9





#23

Nitrobenzene-d5

Concen: 94.326 ng

RT: 9.016 min Scan# 1009

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

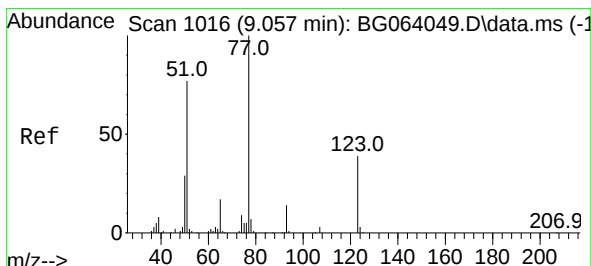
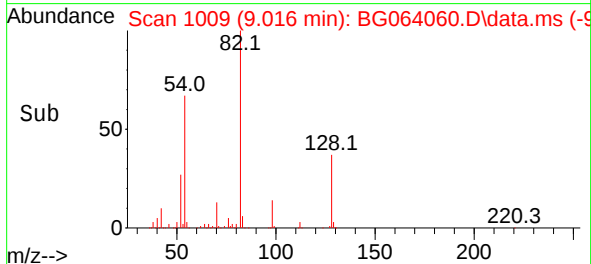
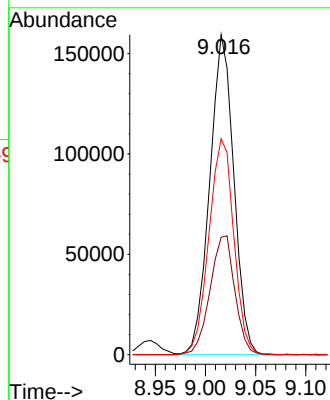
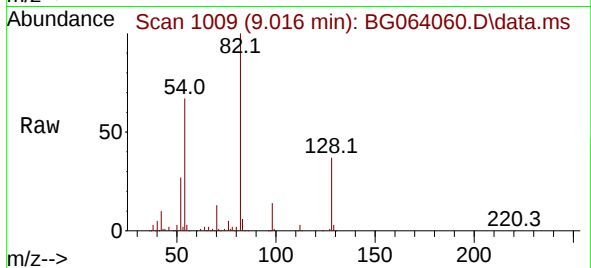
Tgt Ion: 82 Resp: 265661

Ion Ratio Lower Upper

82 100

128 36.7 30.0 45.0

54 67.4 54.7 82.1



#24

Nitrobenzene

Concen: 44.058 ng

RT: 9.057 min Scan# 1016

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

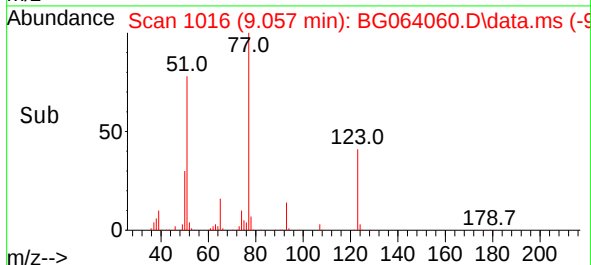
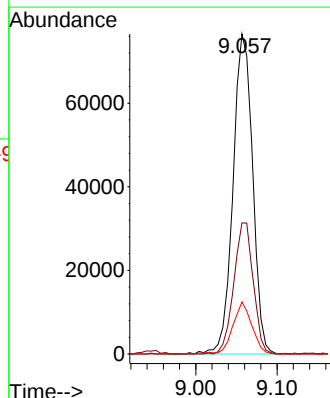
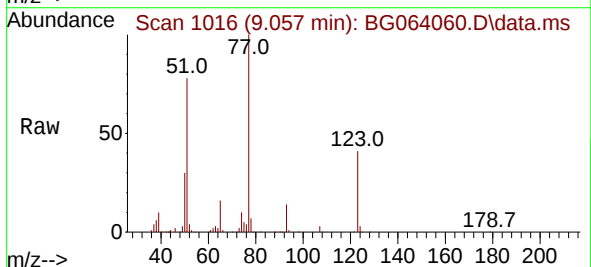
Tgt Ion: 77 Resp: 128238

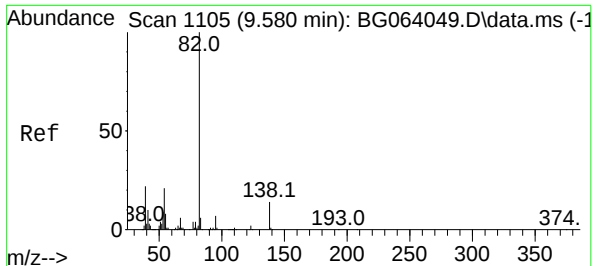
Ion Ratio Lower Upper

77 100

123 41.0 31.4 47.2

65 16.2 13.4 20.0

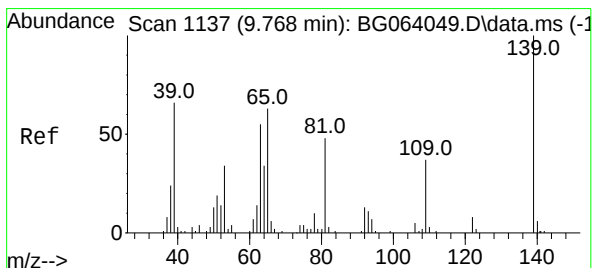
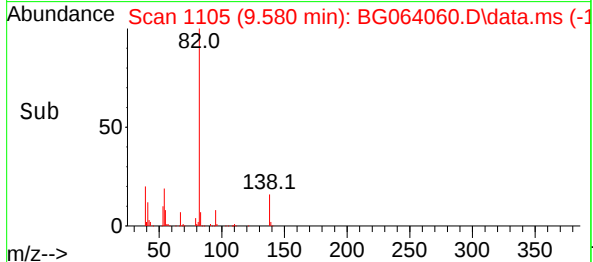
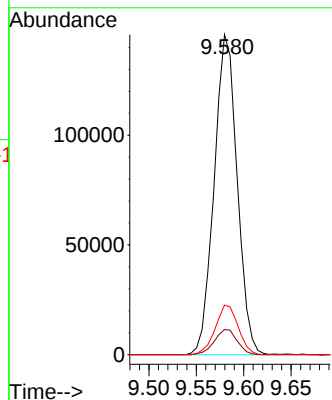
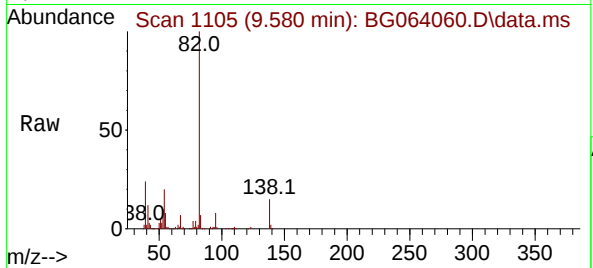




#25
Isophorone
Concen: 43.692 ng
RT: 9.580 min Scan# 1105
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

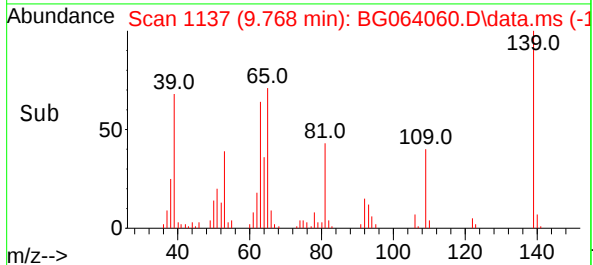
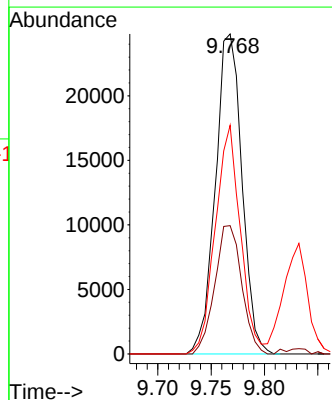
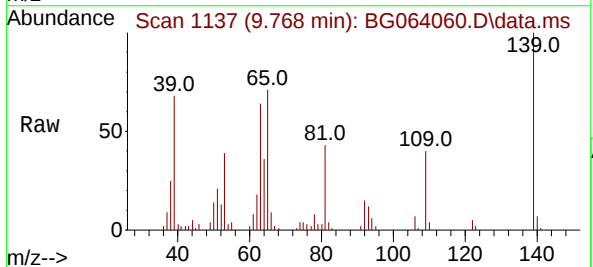
Instrument :
BNA_G
ClientSampleId :
PB167027BS

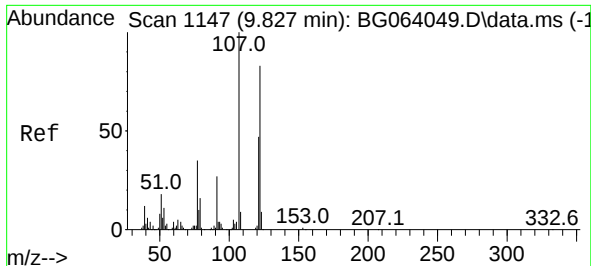
Tgt Ion: 82 Resp: 246299
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.5 10.9 16.3



#26
2-Nitrophenol
Concen: 43.608 ng
RT: 9.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:139 Resp: 42881
Ion Ratio Lower Upper
139 100
109 40.1 29.9 44.9
65 71.4 50.6 76.0

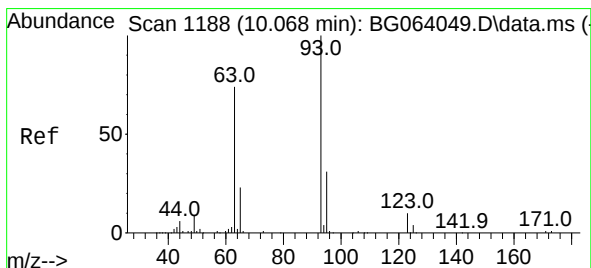
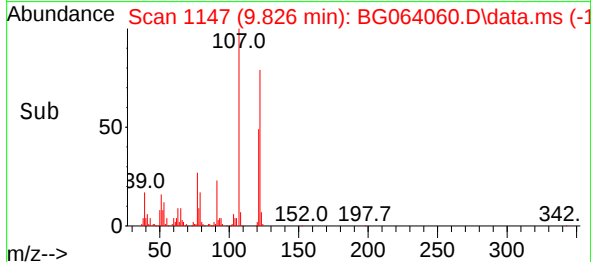
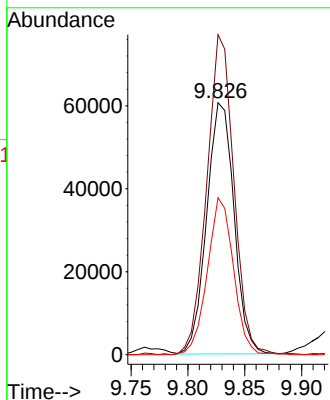
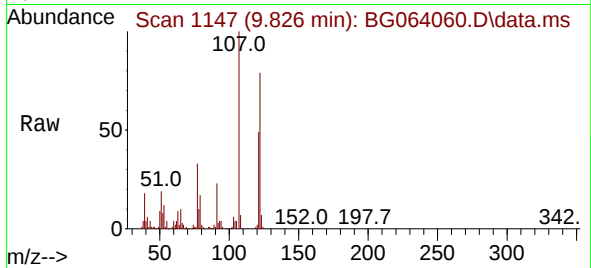




#27
2,4-Dimethylphenol
Concen: 60.013 ng
RT: 9.826 min Scan# 1147
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

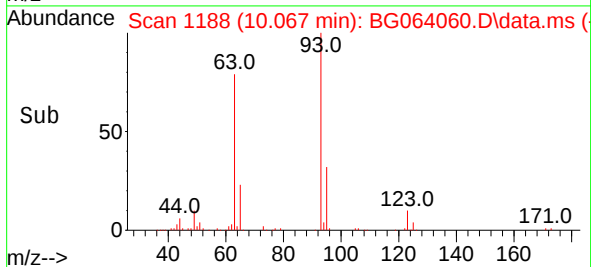
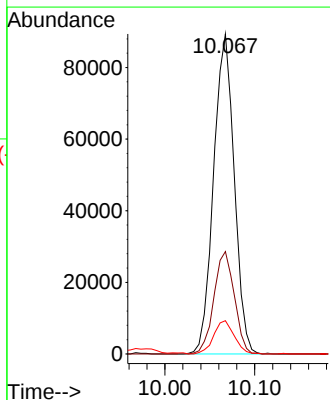
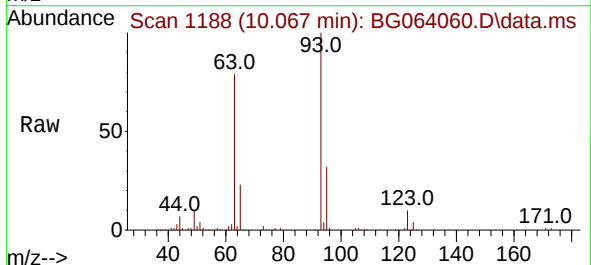
Instrument :
BNA_G
ClientSampleId :
PB167027BS

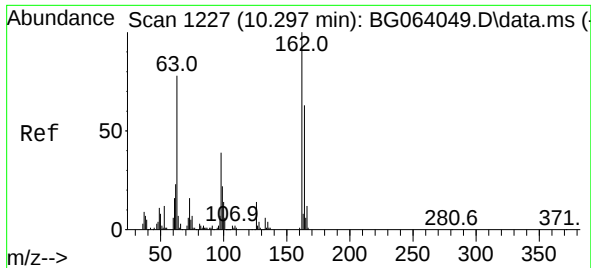
Tgt Ion:122 Resp: 101419
Ion Ratio Lower Upper
122 100
107 127.0 95.4 143.0
121 62.3 44.9 67.3



#28
bis(2-Chloroethoxy)methane
Concen: 41.677 ng
RT: 10.067 min Scan# 1188
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion: 93 Resp: 142441
Ion Ratio Lower Upper
93 100
95 32.0 25.0 37.4
123 10.4 7.6 11.4





#29

2,4-Dichlorophenol

Concen: 48.069 ng

RT: 10.296 min Scan# 1227

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

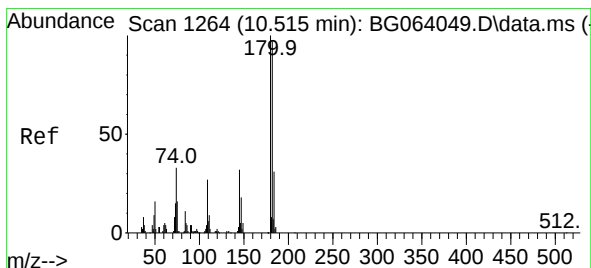
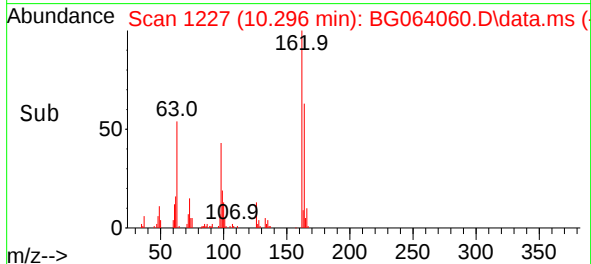
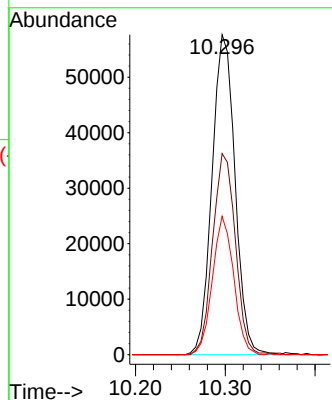
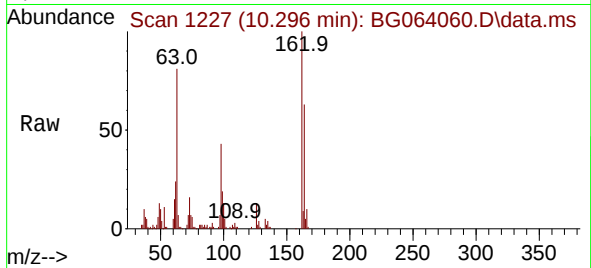
Tgt Ion:162 Resp: 102575

Ion Ratio Lower Upper

162 100

164 62.8 42.8 82.8

98 43.2 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 40.990 ng

RT: 10.520 min Scan# 1265

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

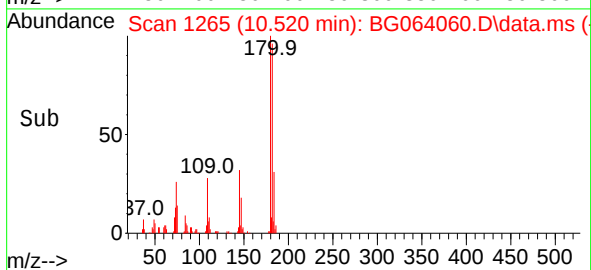
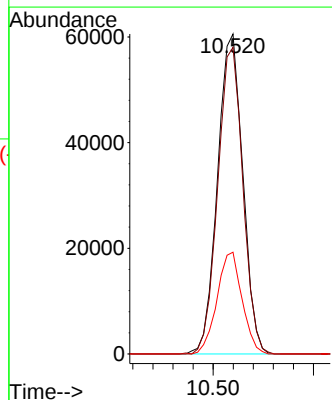
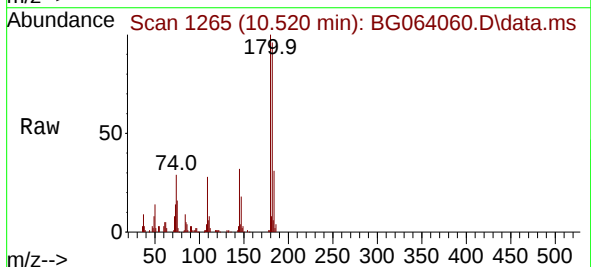
Tgt Ion:180 Resp: 105591

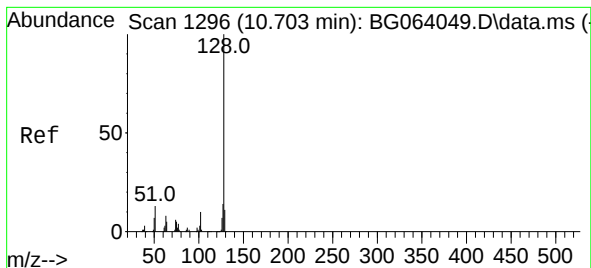
Ion Ratio Lower Upper

180 100

182 95.8 77.3 115.9

145 31.8 25.2 37.8





#31

Naphthalene

Concen: 41.054 ng

RT: 10.702 min Scan# 1296

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

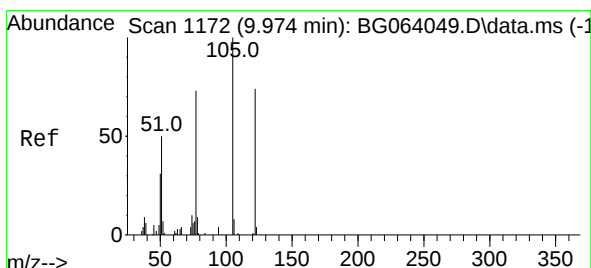
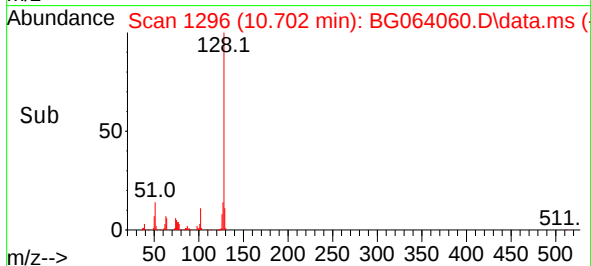
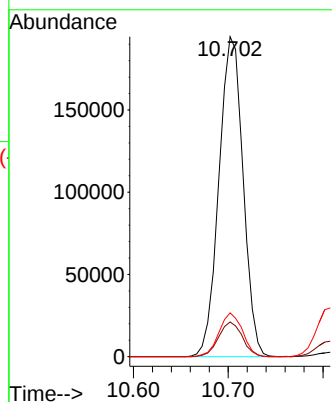
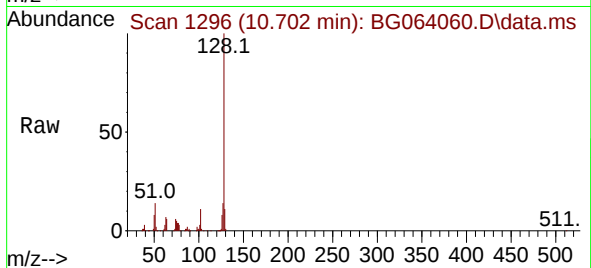
Tgt Ion:128 Resp: 344551

Ion Ratio Lower Upper

128 100

129 10.9 8.4 12.6

127 13.7 11.1 16.7



#32

Benzoic acid

Concen: 41.811 ng

RT: 9.973 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

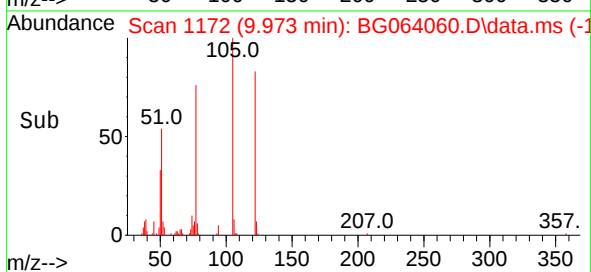
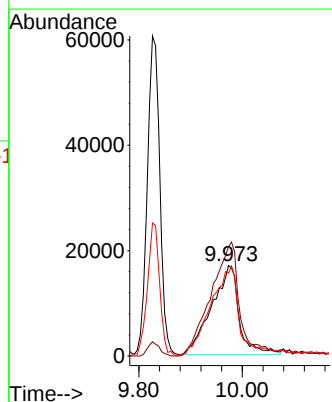
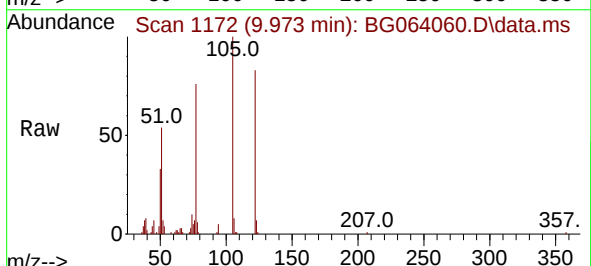
Tgt Ion:122 Resp: 62761

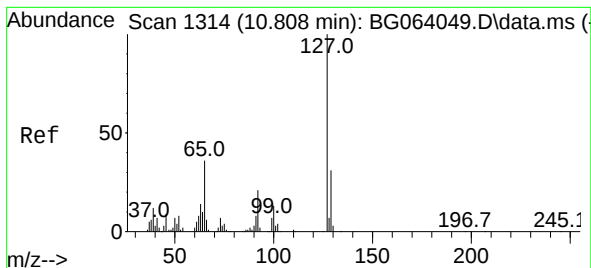
Ion Ratio Lower Upper

122 100

105 120.9 115.0 155.0

77 91.7 80.9 120.9

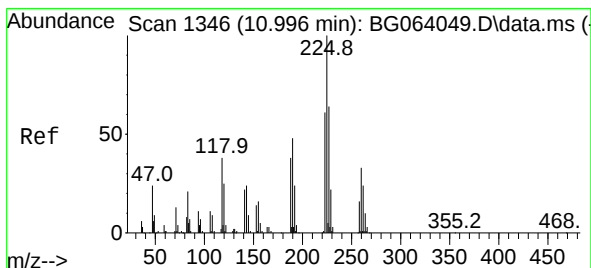
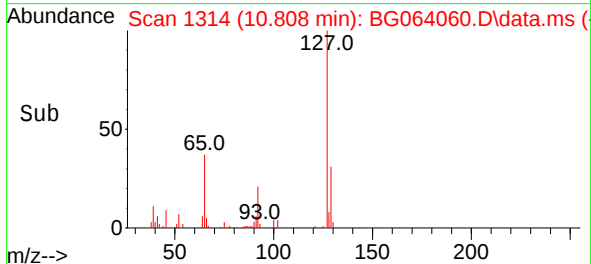
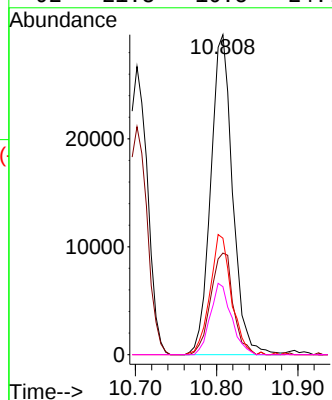
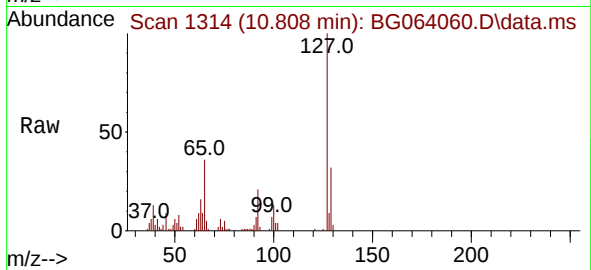




#33
4-Chloroaniline
Concen: 18.076 ng
RT: 10.808 min Scan# 1314
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

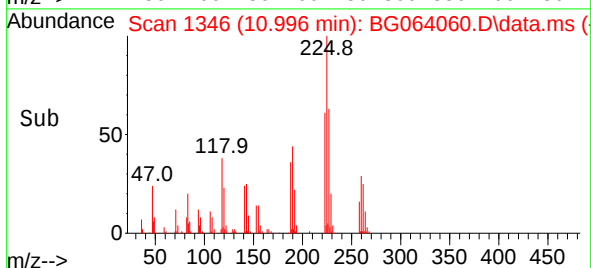
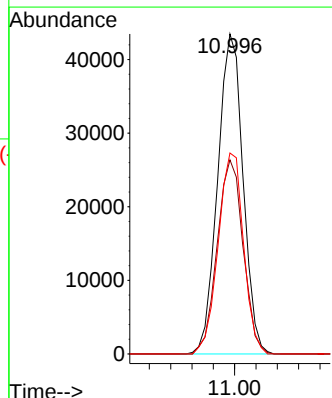
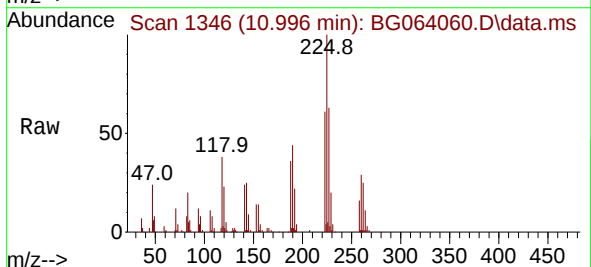
Instrument :
BNA_G
ClientSampleId :
PB167027BS

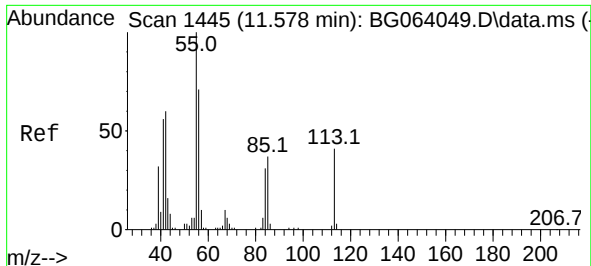
Tgt Ion:	127	Resp:	55447
Ion Ratio	Lower	Upper	
127	100		
129	31.7	25.0	37.4
65	36.4	28.5	42.7
92	21.3	16.5	24.7



#34
Hexachlorobutadiene
Concen: 42.415 ng
RT: 10.996 min Scan# 1346
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:	225	Resp:	71617
Ion Ratio	Lower	Upper	
225	100		
223	60.7	48.5	72.7
227	62.8	51.0	76.6





#35

Caprolactam

Concen: 26.944 ng

RT: 11.566 min Scan# 1443

Delta R.T. -0.012 min

Lab File: BG064060.D

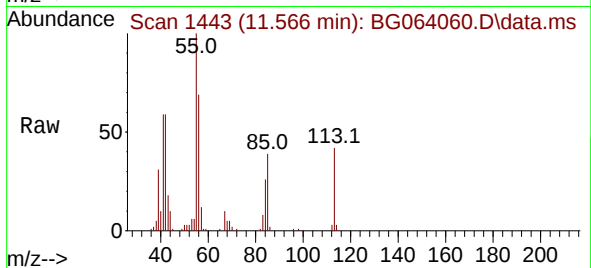
Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS



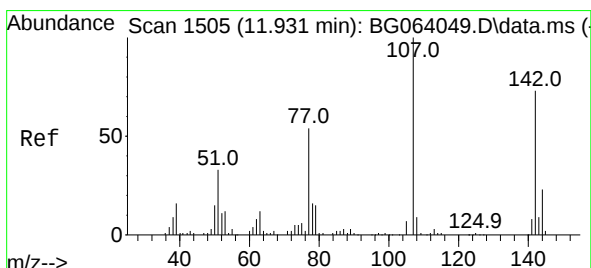
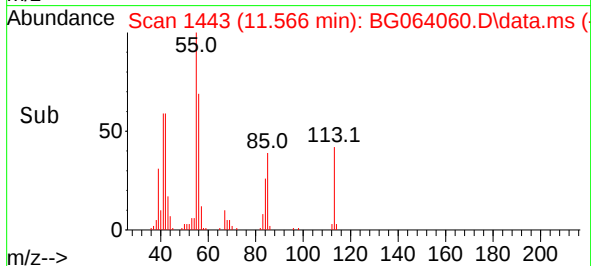
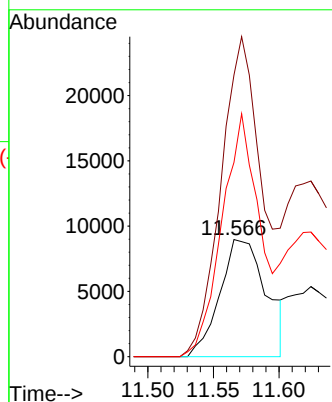
Tgt Ion:113 Resp: 22033

Ion	Ratio	Lower	Upper
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113	100		
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55	240.6	225.2	265.2
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56	166.0	153.4	193.4
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#36

4-Chloro-3-methylphenol

Concen: 46.372 ng

RT: 11.930 min Scan# 1505

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

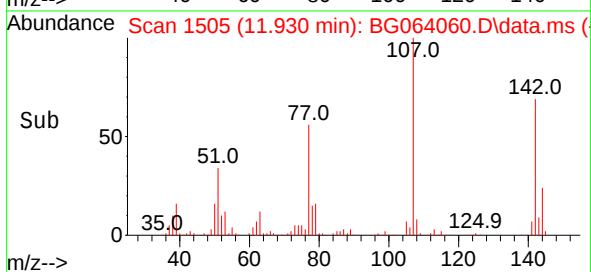
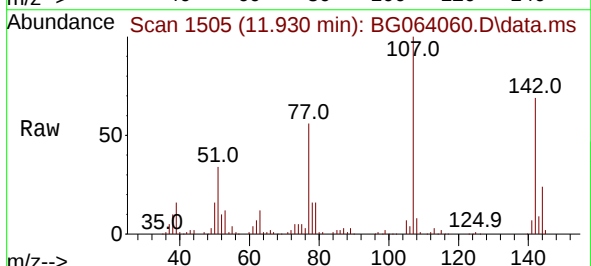
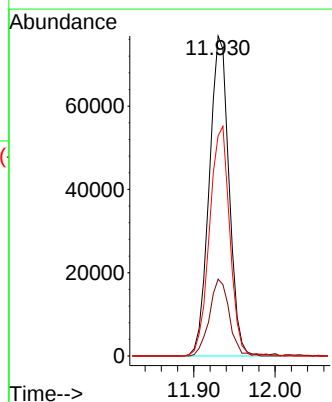
Tgt Ion:107 Resp: 129710

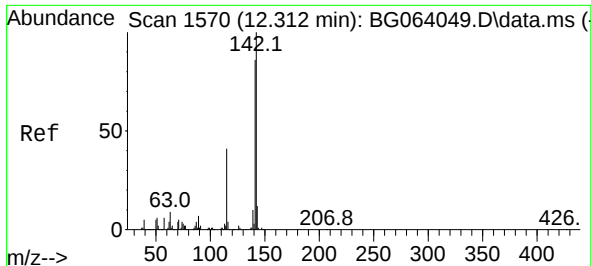
Ion	Ratio	Lower	Upper
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107	100		
-----	-----	--	--

144	24.0	18.6	28.0
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142	68.8	58.0	87.0
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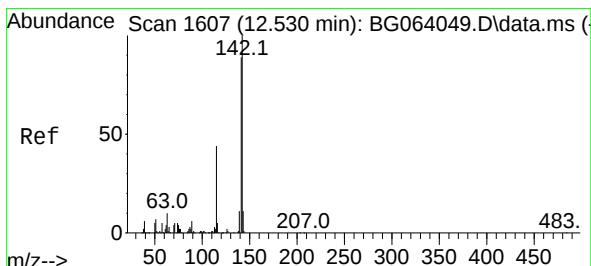
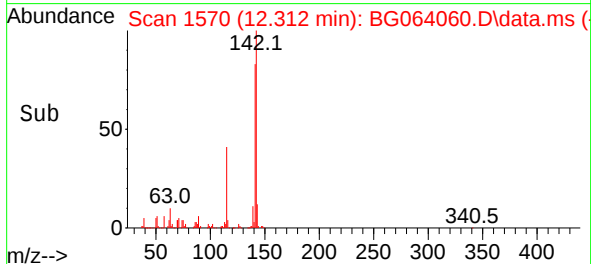
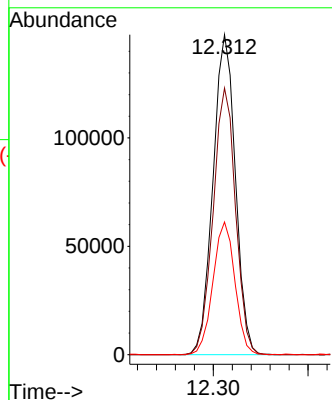
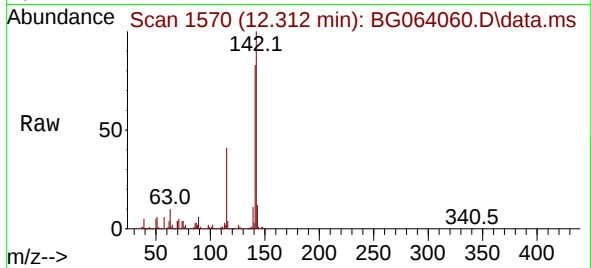




#37
2-Methylnaphthalene
Concen: 40.855 ng
RT: 12.312 min Scan# 1570
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

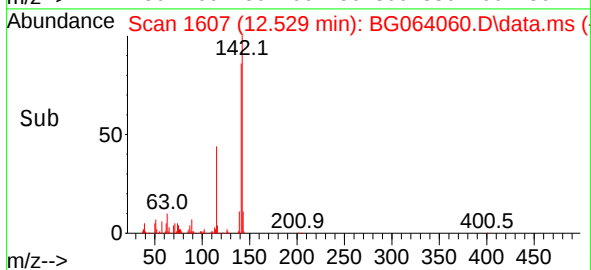
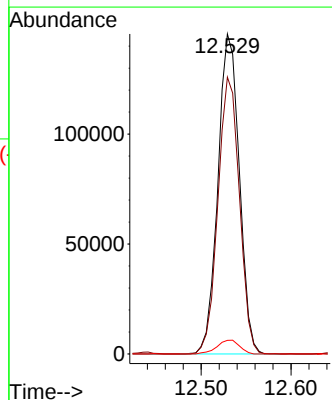
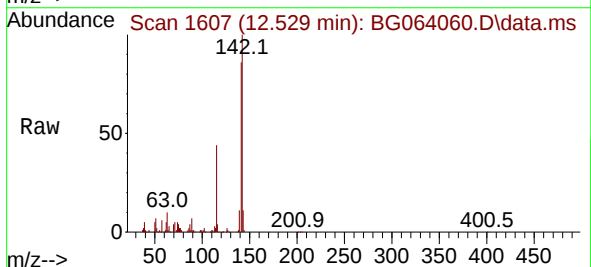
Instrument :
BNA_G
ClientSampleId :
PB167027BS

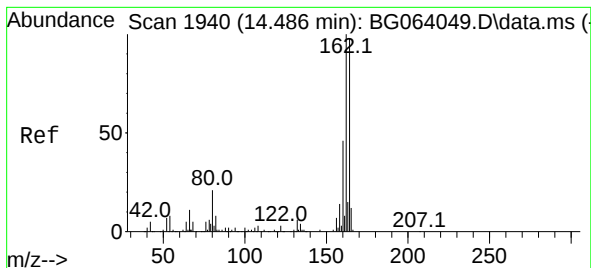
Tgt Ion:142 Resp: 242058
Ion Ratio Lower Upper
142 100
141 83.3 68.6 103.0
115 41.5 32.8 49.2



#38
1-Methylnaphthalene
Concen: 41.453 ng
RT: 12.529 min Scan# 1607
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:142 Resp: 240617
Ion Ratio Lower Upper
142 100
141 86.5 71.2 106.8
116 4.2 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.492 min Scan# 1941

Delta R.T. 0.006 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

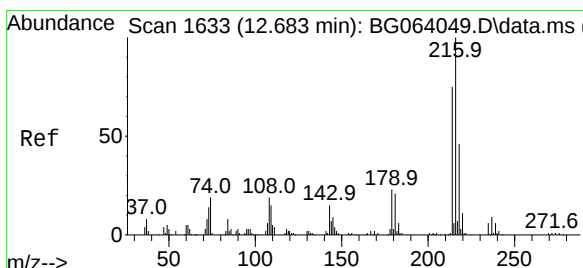
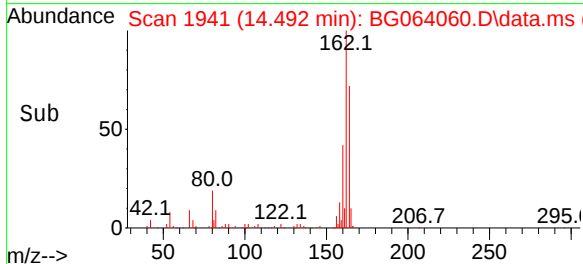
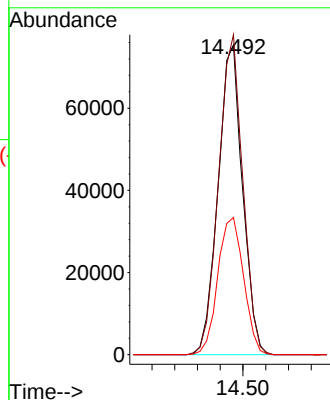
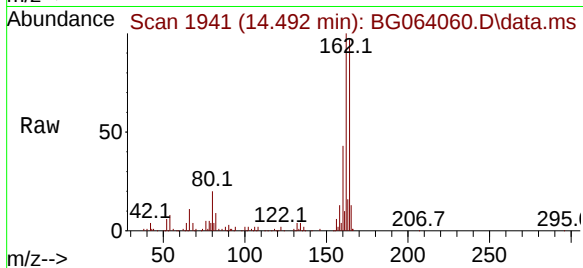
Tgt Ion:164 Resp: 112589

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 44.3 37.0 55.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.522 ng

RT: 12.682 min Scan# 1633

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Tgt Ion:216 Resp: 143110

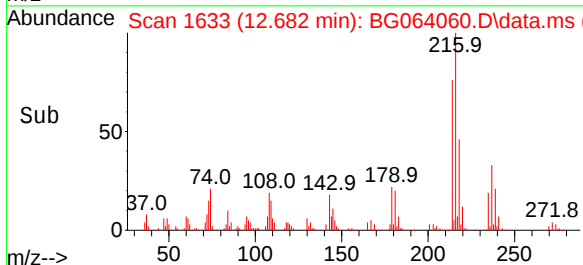
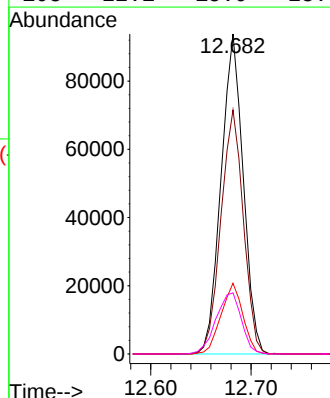
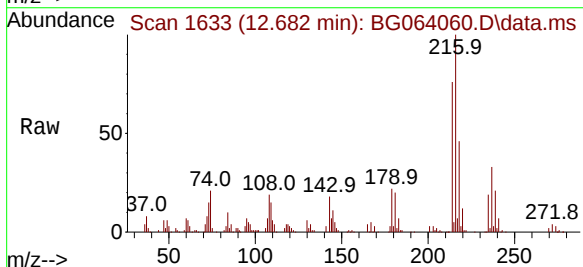
Ion Ratio Lower Upper

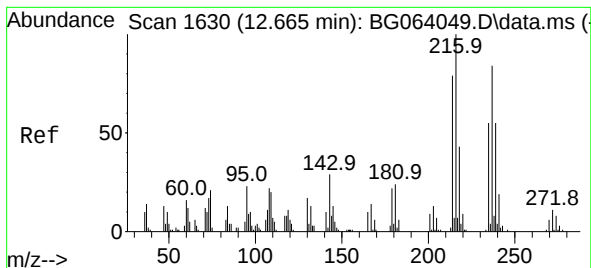
216 100

214 77.3 61.7 92.5

179 21.8 17.9 26.9

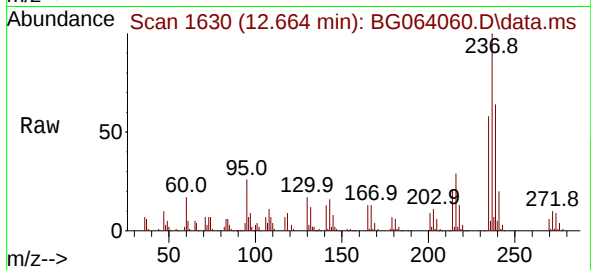
108 22.1 15.9 23.9



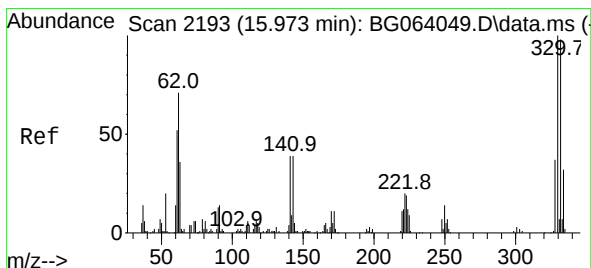
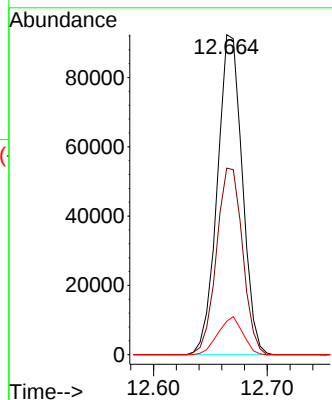
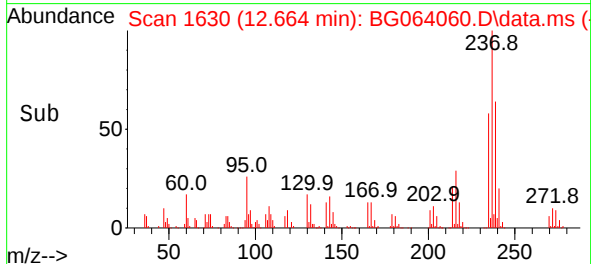


#41
Hexachlorocyclopentadiene
Concen: 155.796 ng
RT: 12.664 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

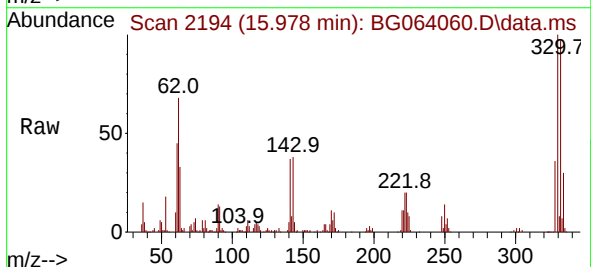
Instrument :
BNA_G
ClientSampleId :
PB167027BS



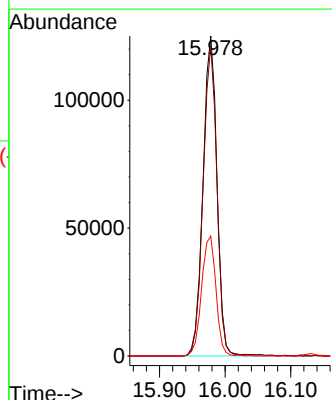
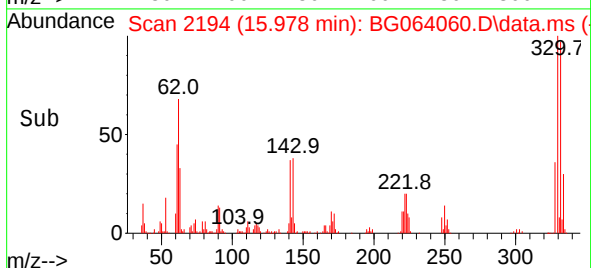
Tgt Ion:237 Resp: 140946
Ion Ratio Lower Upper
237 100
235 58.3 46.0 86.0
272 10.5 0.0 32.8

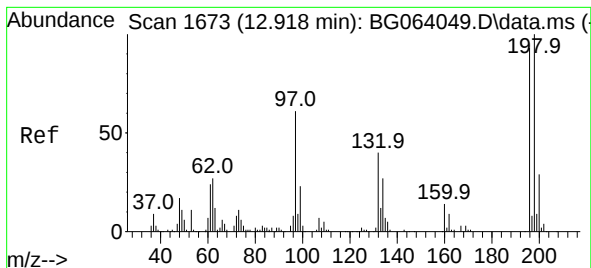


#42
2,4,6-Tribromophenol
Concen: 148.219 ng
RT: 15.978 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39



Tgt Ion:330 Resp: 185497
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 38.6 29.7 44.5





#43

2,4,6-Trichlorophenol

Concen: 47.832 ng

RT: 12.917 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

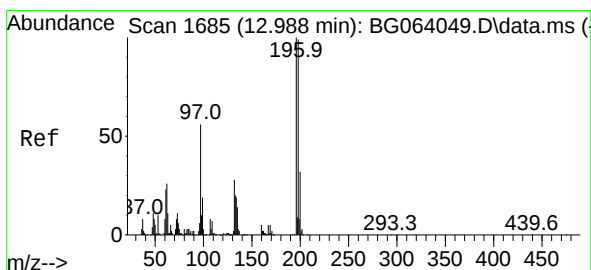
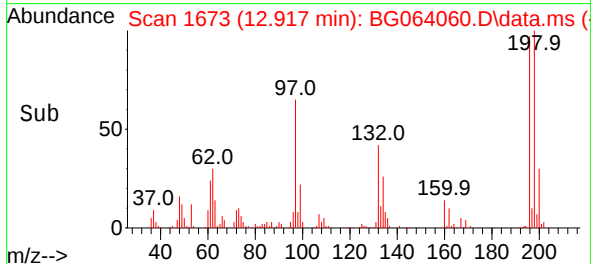
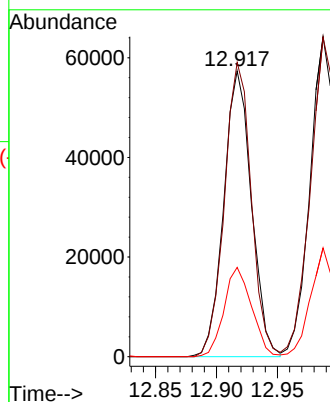
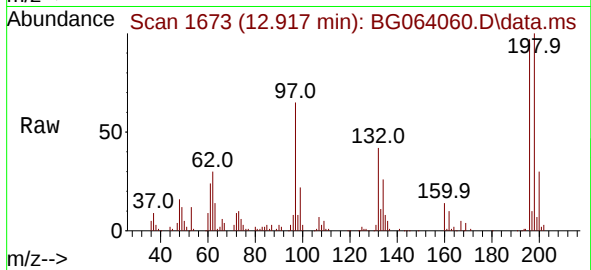
Tgt Ion:196 Resp: 90615

Ion Ratio Lower Upper

196 100

198 102.9 85.6 128.4

200 31.3 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 48.387 ng

RT: 12.987 min Scan# 1685

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Tgt Ion:196 Resp: 101854

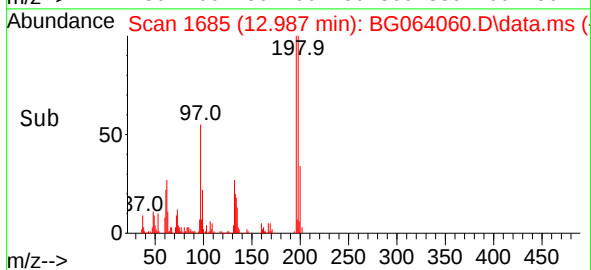
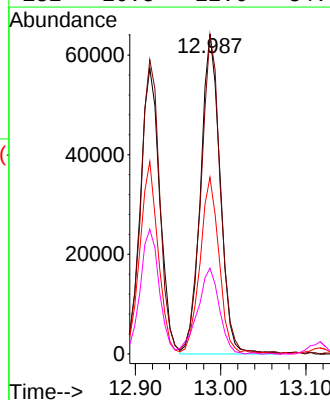
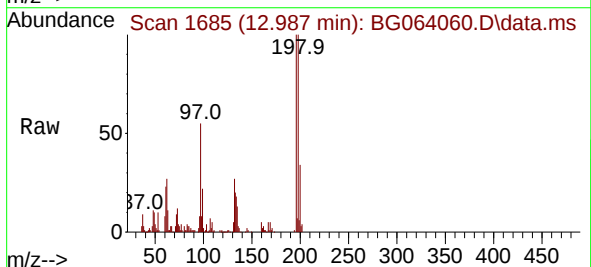
Ion Ratio Lower Upper

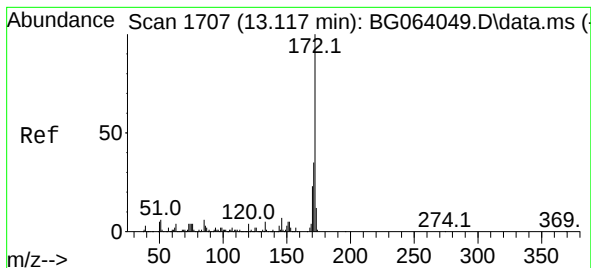
196 100

198 99.8 79.5 119.3

97 55.2 45.2 67.8

132 26.8 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 86.073 ng

RT: 13.117 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

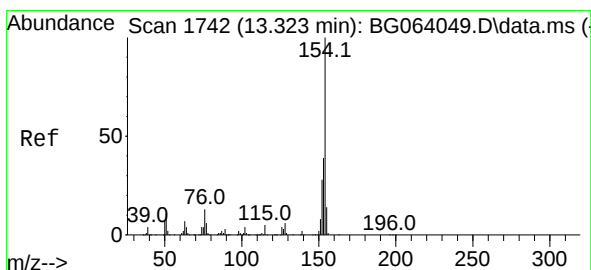
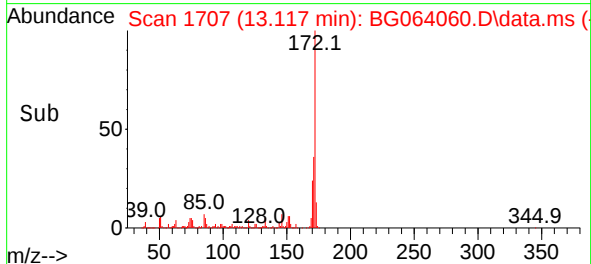
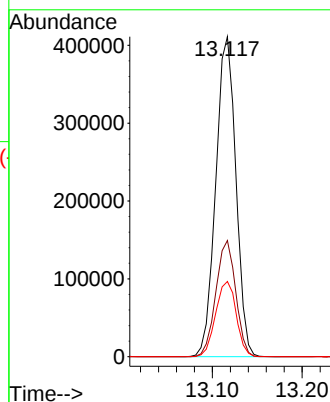
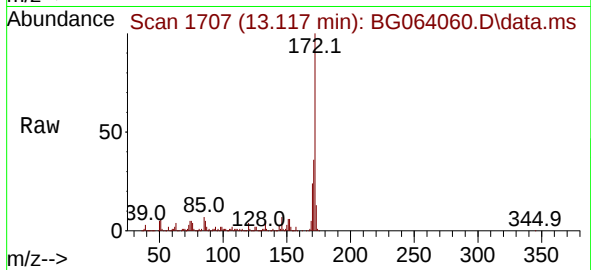
Tgt Ion:172 Resp: 638446

Ion Ratio Lower Upper

172 100

171 36.3 28.0 42.0

170 23.5 18.7 28.1



#46

1,1'-Biphenyl

Concen: 45.320 ng

RT: 13.322 min Scan# 1742

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

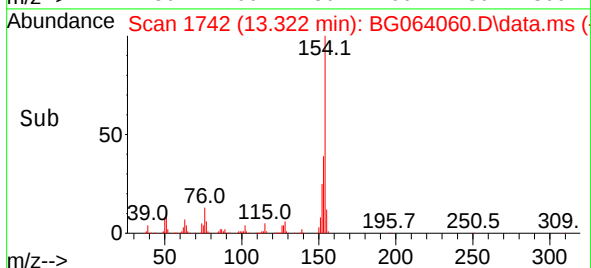
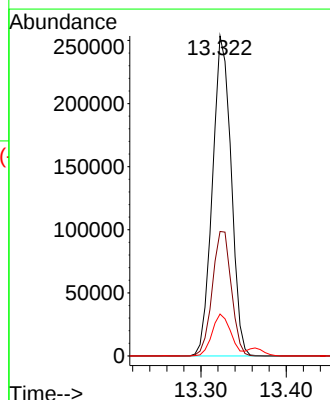
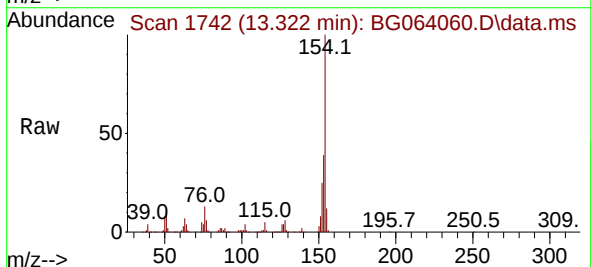
Tgt Ion:154 Resp: 385498

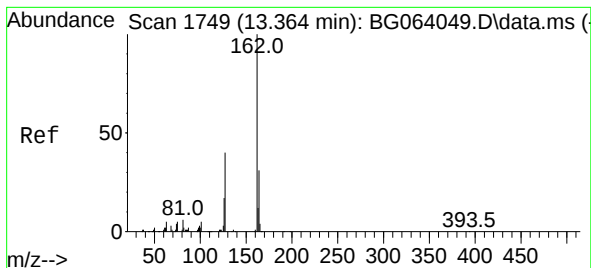
Ion Ratio Lower Upper

154 100

153 38.9 19.5 59.5

76 13.1 0.0 33.5





#47

2-Chloronaphthalene

Concen: 41.856 ng

RT: 13.363 min Scan# 1749

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

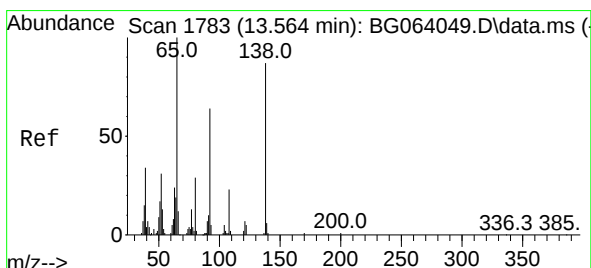
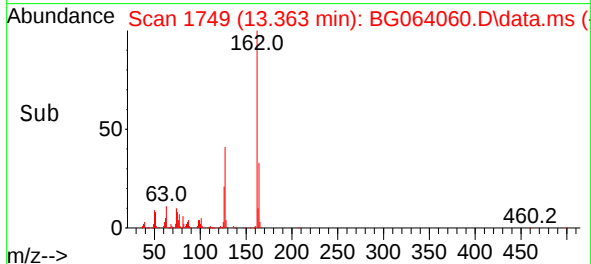
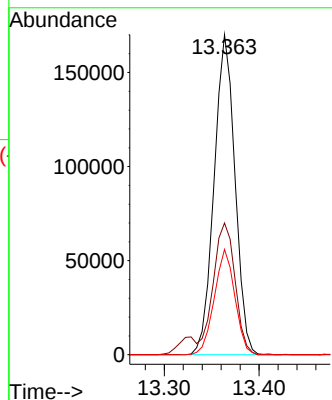
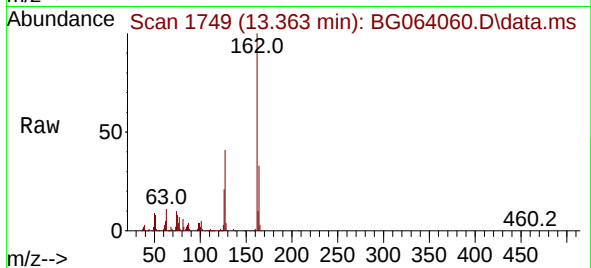
Tgt Ion:162 Resp: 259667

Ion Ratio Lower Upper

162 100

127 41.2 35.0 52.4

164 32.9 25.0 37.6



#48

2-Nitroaniline

Concen: 44.061 ng

RT: 13.563 min Scan# 1783

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

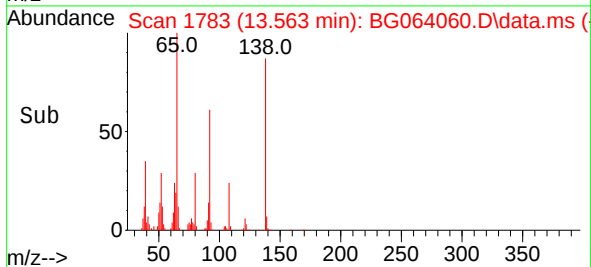
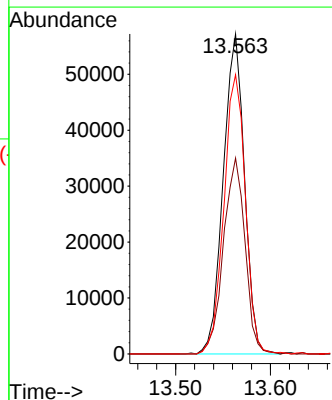
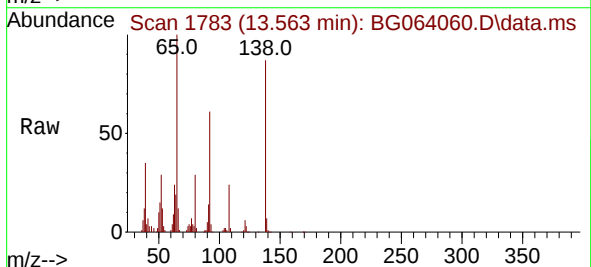
Tgt Ion: 65 Resp: 89126

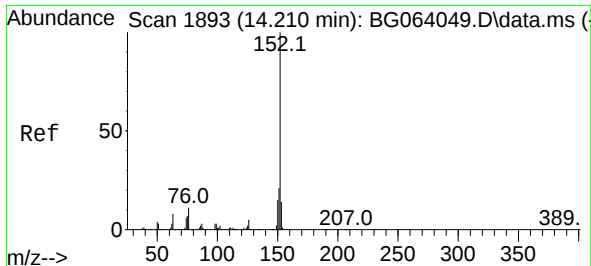
Ion Ratio Lower Upper

65 100

92 61.2 51.2 76.8

138 87.2 69.4 104.2

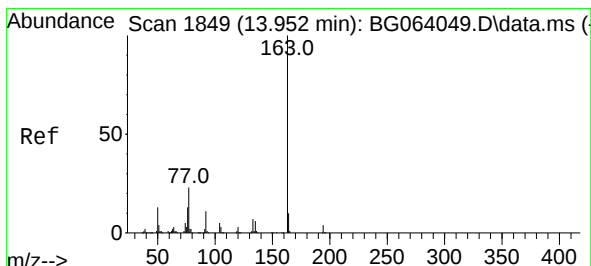
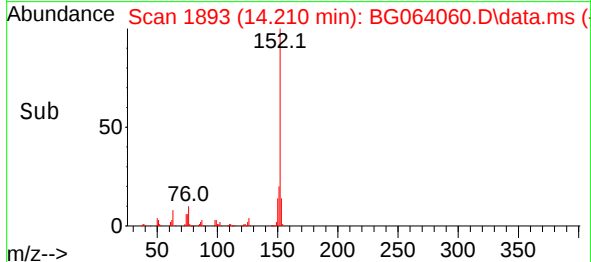
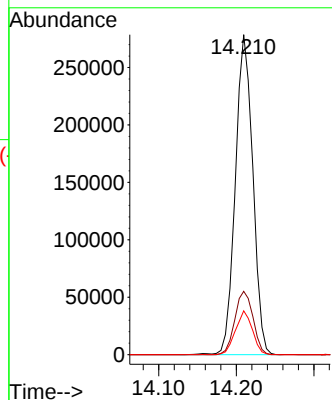
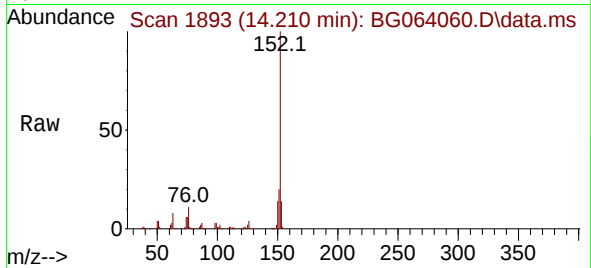




#49
Acenaphthylene
Concen: 44.428 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

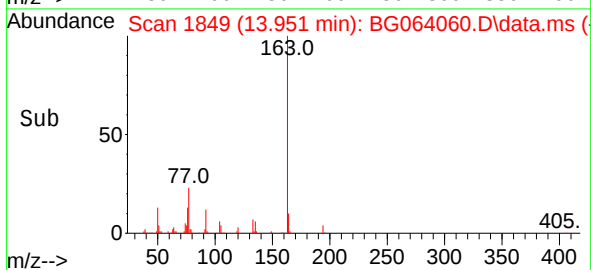
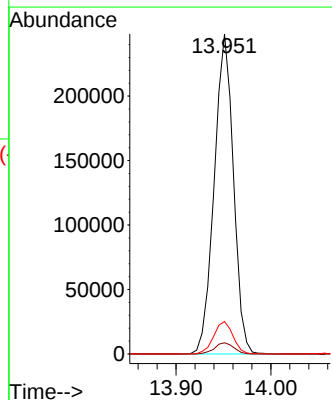
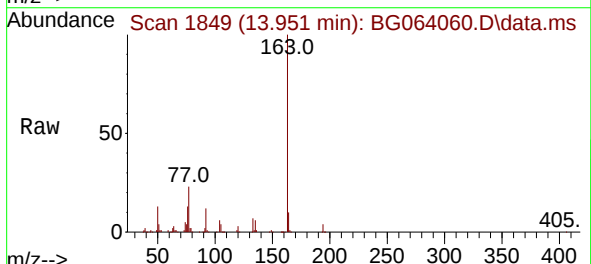
Instrument :
BNA_G
ClientSampleId :
PB167027BS

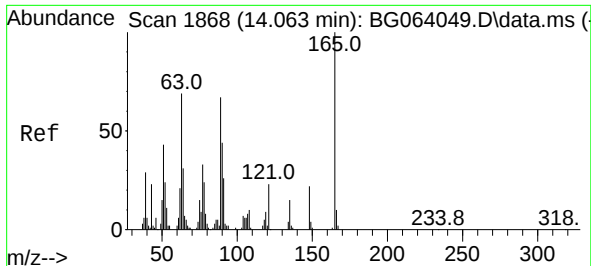
Tgt Ion:152 Resp: 435964
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.7 10.9 16.3



#50
Dimethylphthalate
Concen: 42.022 ng
RT: 13.951 min Scan# 1849
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:163 Resp: 349243
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.766 ng

RT: 14.063 min Scan# 1868

Delta R.T. -0.000 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

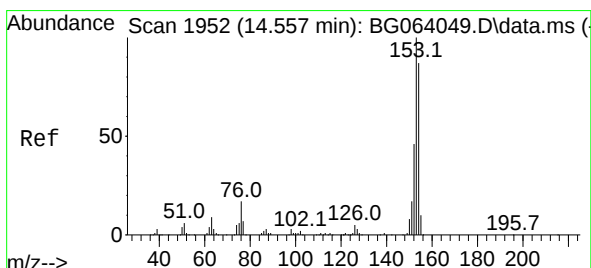
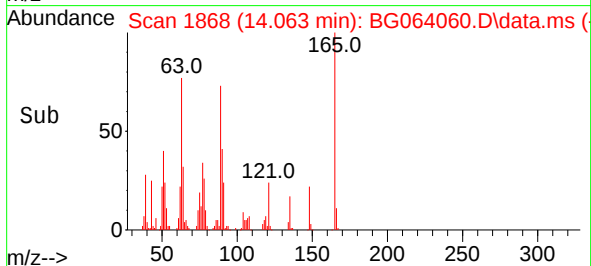
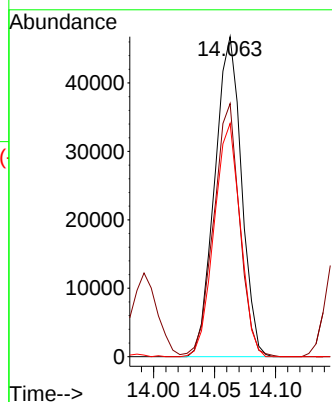
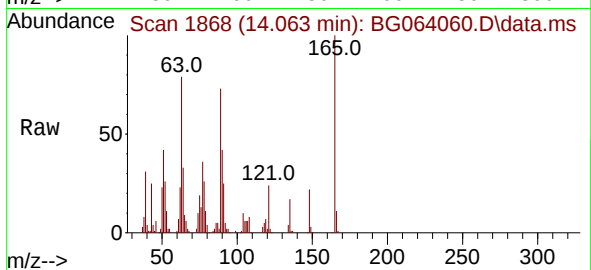
Tgt Ion:165 Resp: 71443

Ion Ratio Lower Upper

165 100

63 79.1 56.7 85.1

89 72.9 53.7 80.5



#52

Acenaphthene

Concen: 41.990 ng

RT: 14.556 min Scan# 1952

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

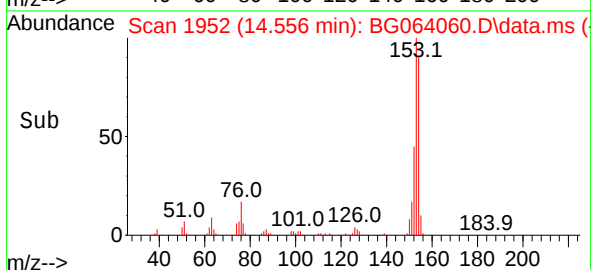
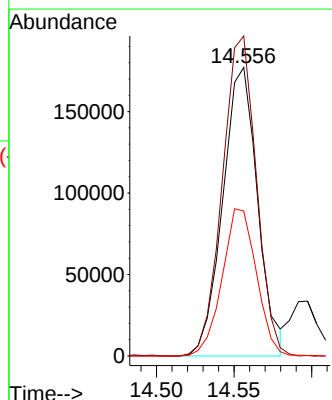
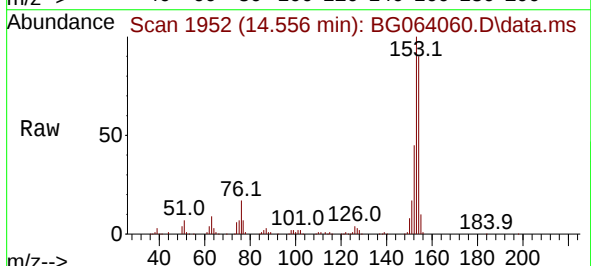
Tgt Ion:154 Resp: 276523

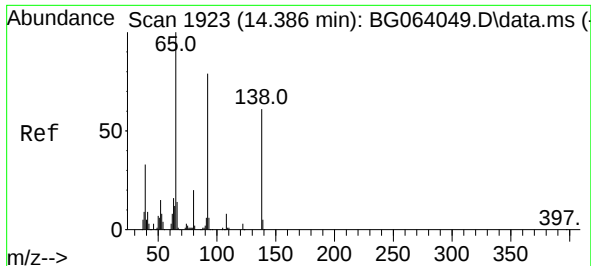
Ion Ratio Lower Upper

154 100

153 110.9 91.6 137.4

152 50.2 42.5 63.7





#53

3-Nitroaniline

Concen: 25.598 ng

RT: 14.386 min Scan# 1923

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

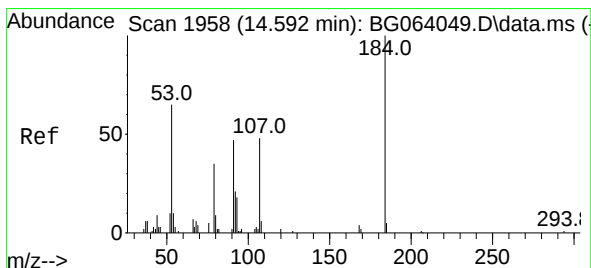
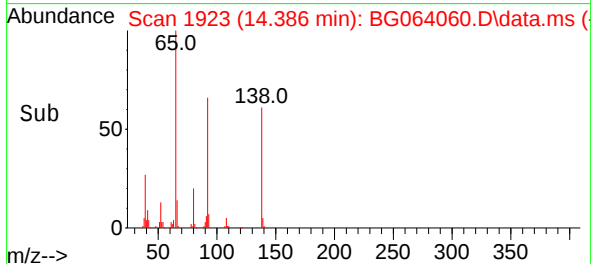
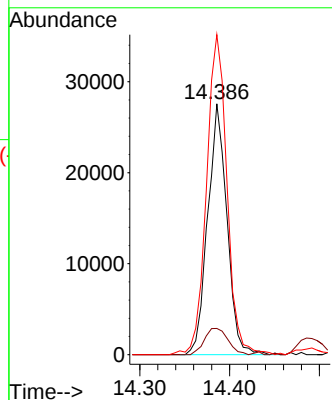
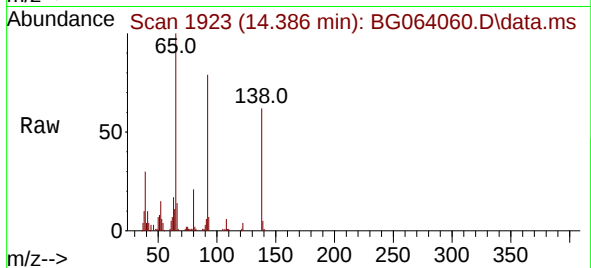
Tgt Ion:138 Resp: 41117

Ion Ratio Lower Upper

138 100

108 10.5 10.1 15.1

92 127.6 104.1 156.1



#54

2,4-Dinitrophenol

Concen: 88.069 ng

RT: 14.591 min Scan# 1958

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

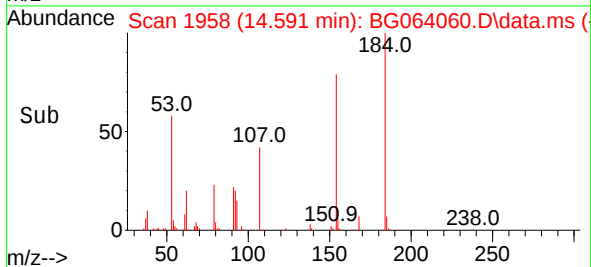
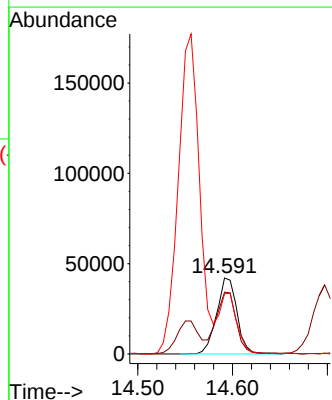
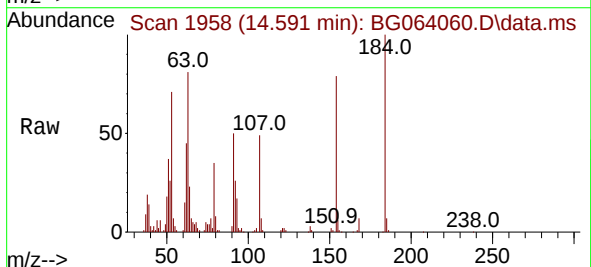
Tgt Ion:184 Resp: 62531

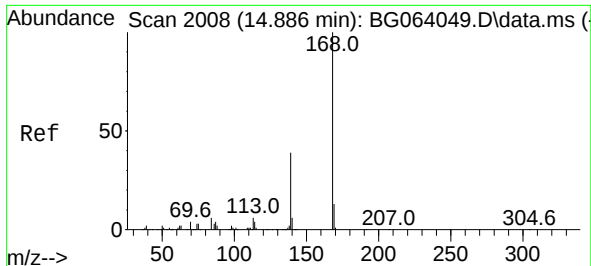
Ion Ratio Lower Upper

184 100

63 81.3 57.5 86.3

154 79.0 52.3 78.5#

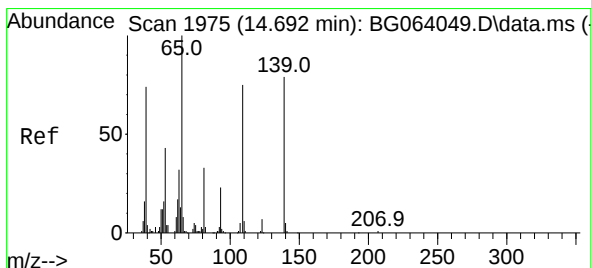
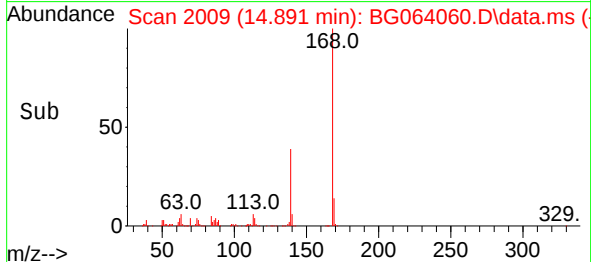
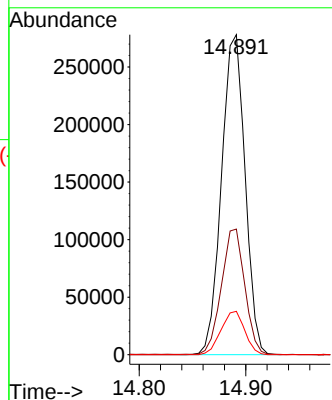
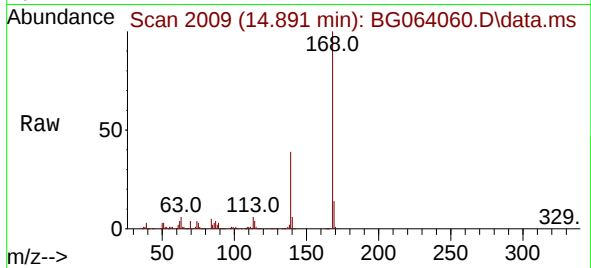




#55
Dibenzenofuran
Concen: 39.969 ng
RT: 14.891 min Scan# 2009
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

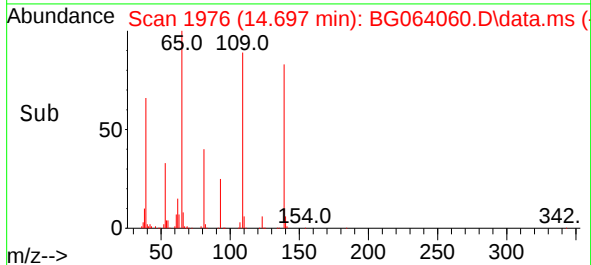
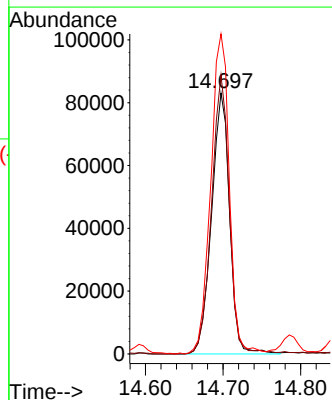
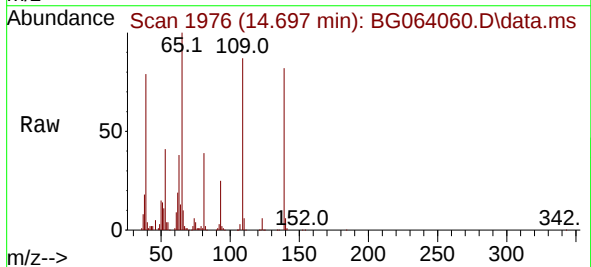
Instrument :
BNA_G
ClientSampleId :
PB167027BS

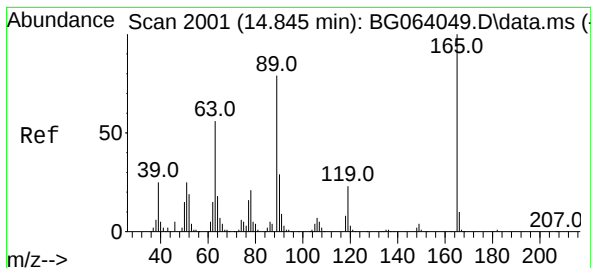
Tgt Ion:168 Resp: 426402
Ion Ratio Lower Upper
168 100
139 39.3 31.1 46.7
169 13.6 10.5 15.7



#56
4-Nitrophenol
Concen: 99.947 ng
RT: 14.697 min Scan# 1976
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:139 Resp: 134644
Ion Ratio Lower Upper
139 100
109 106.9 74.9 114.9
65 122.6 106.8 146.8

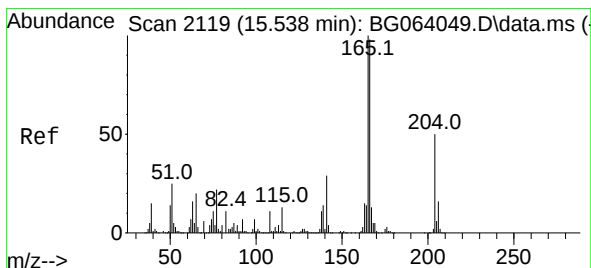
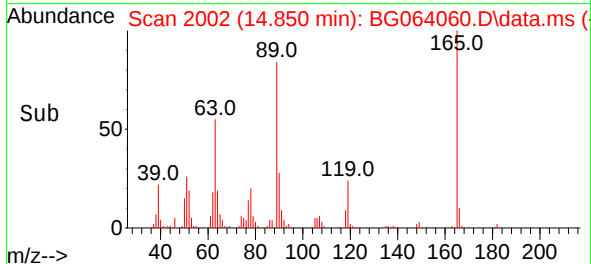
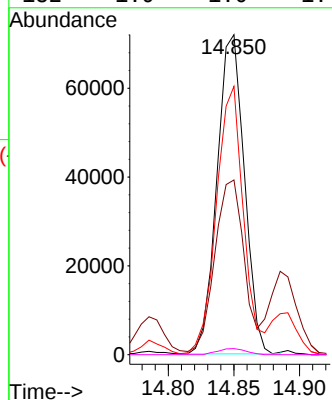
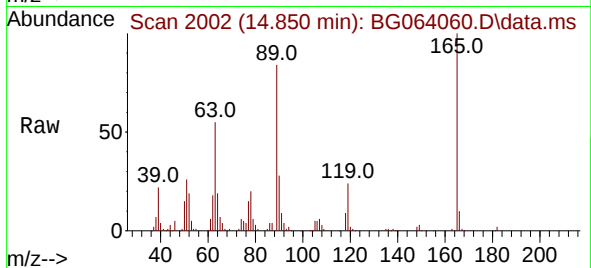




#57
2,4-Dinitrotoluene
Concen: 45.027 ng
RT: 14.850 min Scan# 2001
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

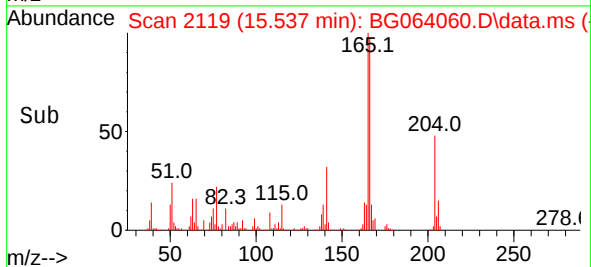
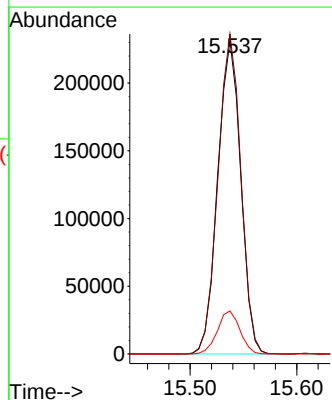
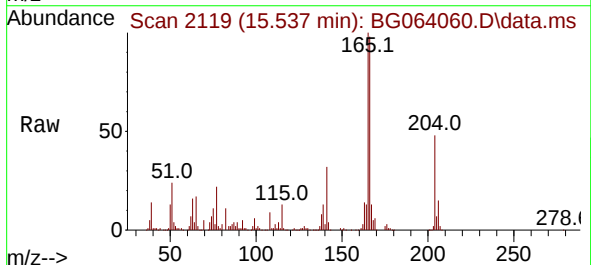
Instrument :
BNA_G
ClientSampleId :
PB167027BS

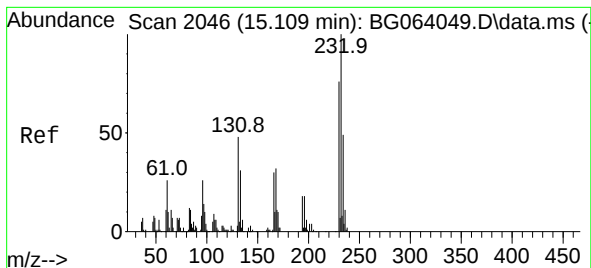
Tgt Ion:165 Resp: 104186
Ion Ratio Lower Upper
165 100
63 54.6 45.0 67.6
89 83.8 63.1 94.7
182 1.9 1.0 1.4#



#58
Fluorene
Concen: 41.668 ng
RT: 15.537 min Scan# 2119
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:166 Resp: 346223
Ion Ratio Lower Upper
166 100
165 102.1 81.8 122.8
167 13.7 10.8 16.2

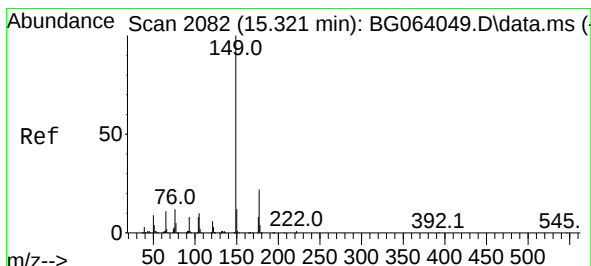
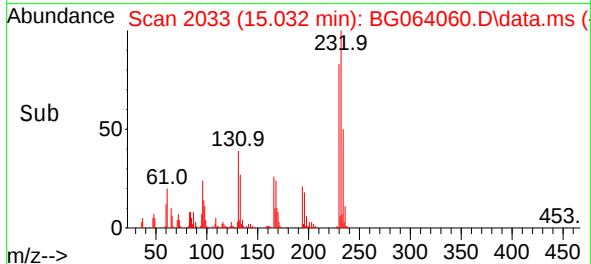
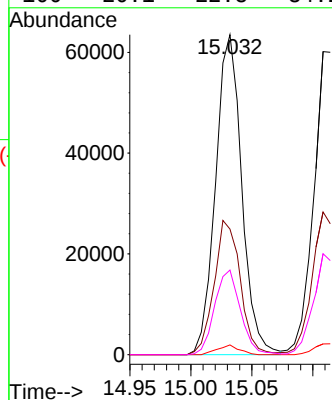
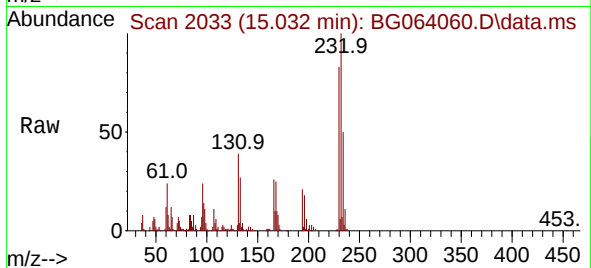




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.220 ng
RT: 15.032 min Scan# 2046
Delta R.T. -0.077 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

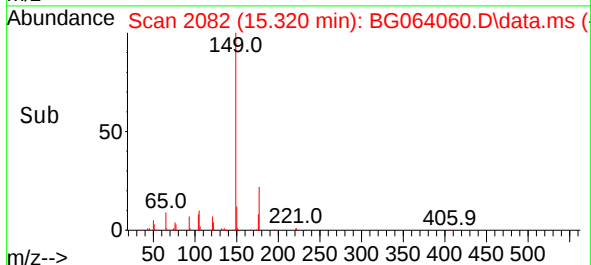
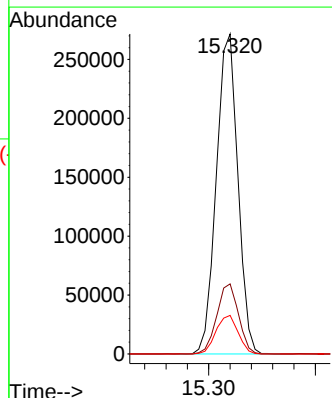
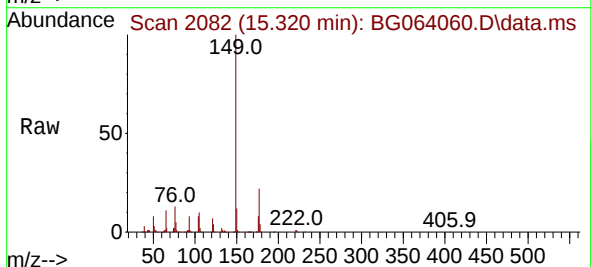
Instrument :
BNA_G
ClientSampleId :
PB167027BS

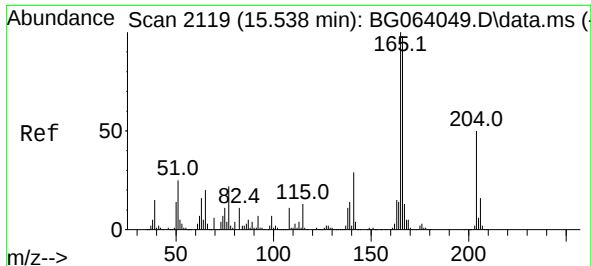
Tgt Ion:232 Resp: 94849
Ion Ratio Lower Upper
232 100
131 41.7 36.3 54.5
130 2.5 1.9 2.9
166 26.1 22.8 34.2



#60
Diethylphthalate
Concen: 42.100 ng
RT: 15.320 min Scan# 2082
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:149 Resp: 379847
Ion Ratio Lower Upper
149 100
177 21.9 17.4 26.2
150 12.0 9.4 14.2

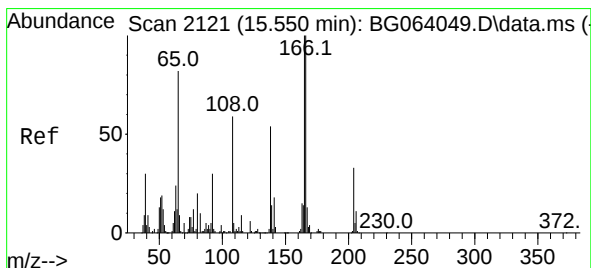
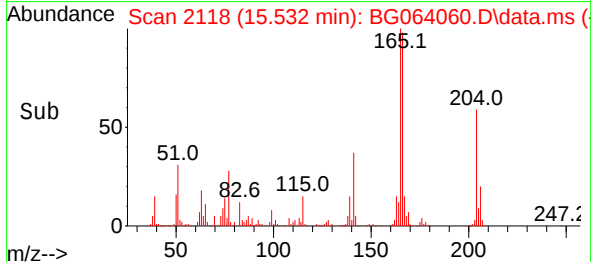
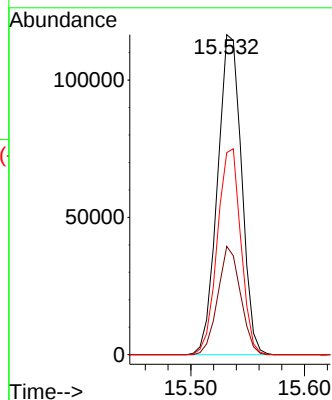
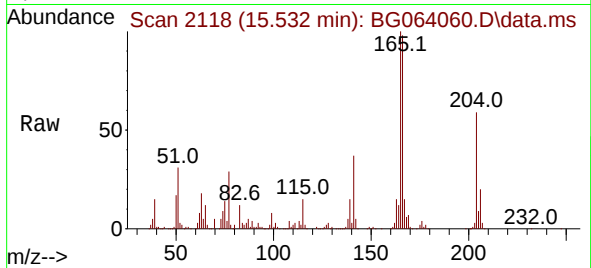




#61
4-Chlorophenyl-phenylether
Concen: 41.440 ng
RT: 15.532 min Scan# 2119
Delta R.T. -0.007 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

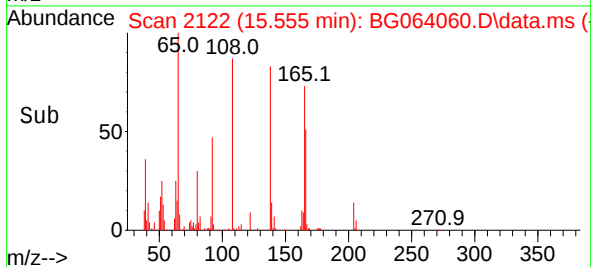
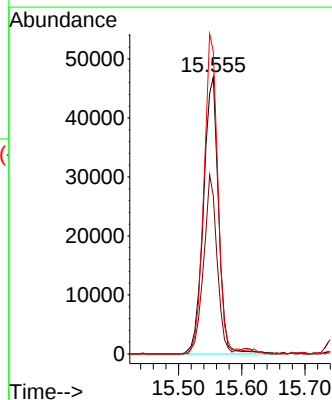
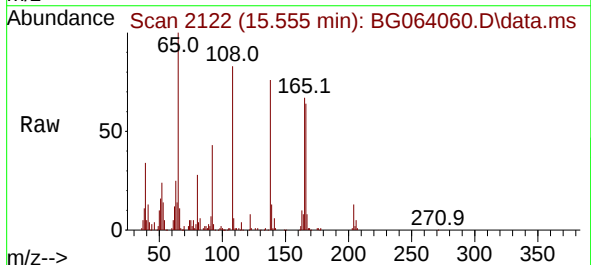
Instrument :
BNA_G
ClientSampleId :
PB167027BS

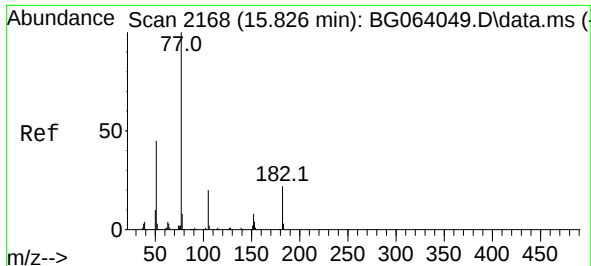
Tgt Ion:204 Resp: 171110
Ion Ratio Lower Upper
204 100
206 33.9 25.5 38.3
141 63.1 45.4 68.0



#62
4-Nitroaniline
Concen: 44.775 ng
RT: 15.555 min Scan# 2122
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:138 Resp: 77649
Ion Ratio Lower Upper
138 100
92 56.9 36.1 76.1
108 109.3 87.9 127.9

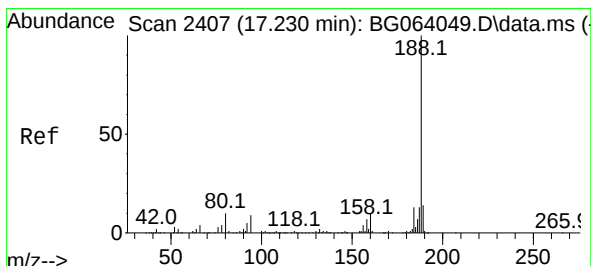
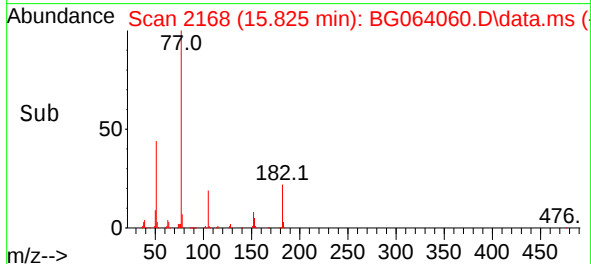
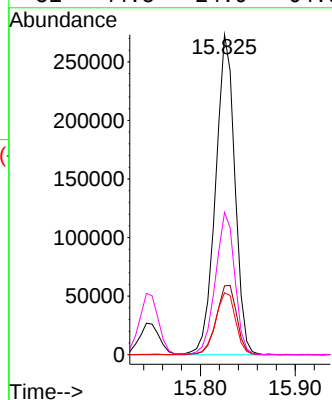
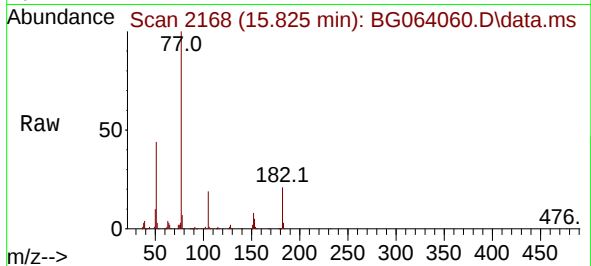




#63
Azobenzene
Concen: 40.185 ng
RT: 15.825 min Scan# 2168
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

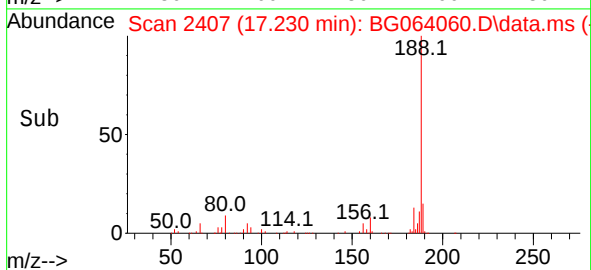
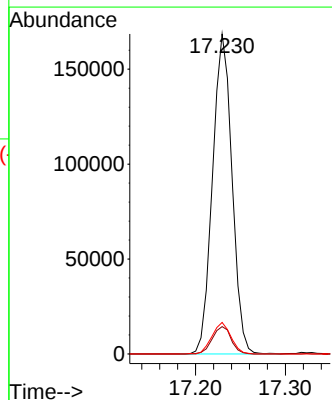
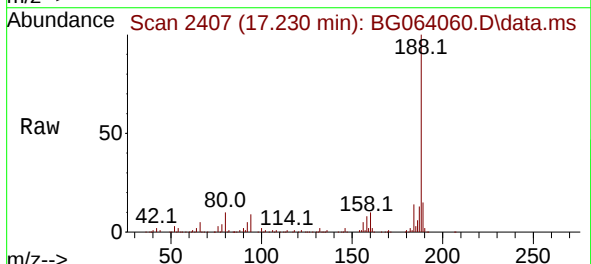
Instrument :
BNA_G
ClientSampleId :
PB167027BS

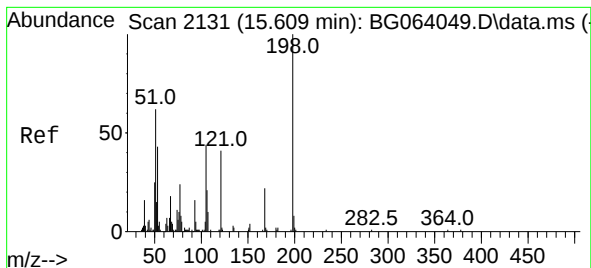
Tgt Ion: 77	Resp: 386892
Ion Ratio	Lower Upper
77 100	
182 21.5	2.4 42.4
105 19.4	0.0 40.0
51 44.5	24.9 64.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.230 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:188	Resp: 253745
Ion Ratio	Lower Upper
188 100	
94 8.6	6.9 10.3
80 9.9	8.1 12.1

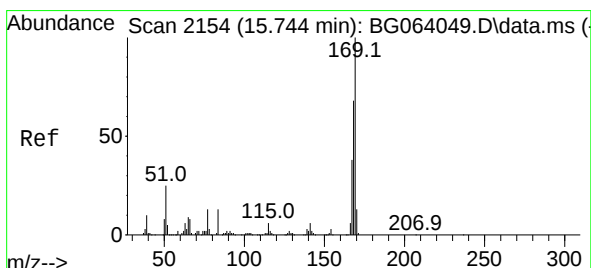
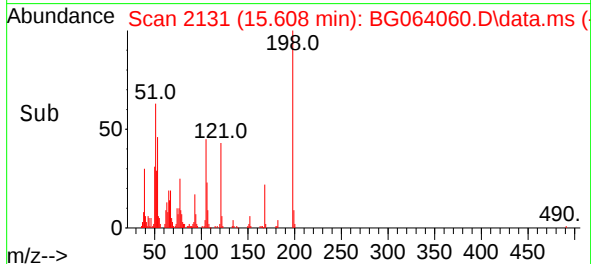
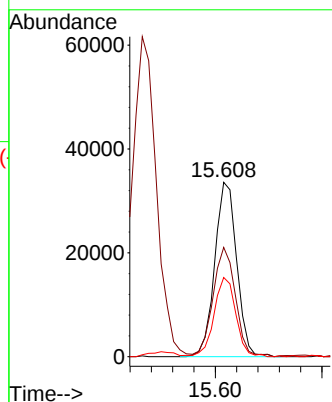
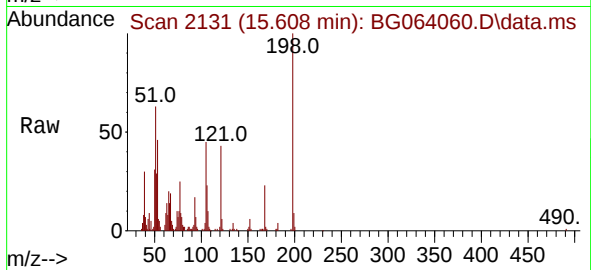




#65
4,6-Dinitro-2-methylphenol
Concen: 44.528 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

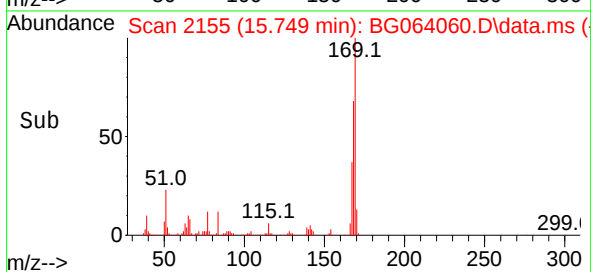
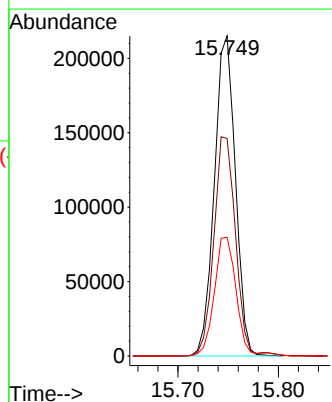
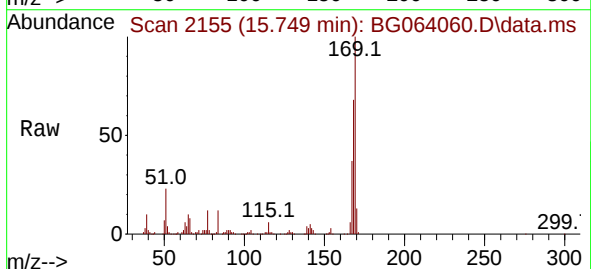
Instrument :
BNA_G
ClientSampleId :
PB167027BS

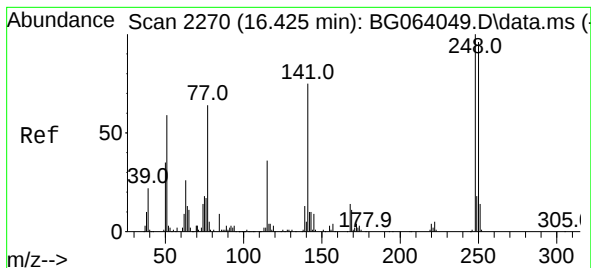
Tgt Ion:198 Resp: 48030
Ion Ratio Lower Upper
198 100
51 62.7 45.6 85.6
105 45.4 25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 43.571 ng
RT: 15.749 min Scan# 2155
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:169 Resp: 312948
Ion Ratio Lower Upper
169 100
168 68.0 54.1 81.1
167 37.1 30.3 45.5

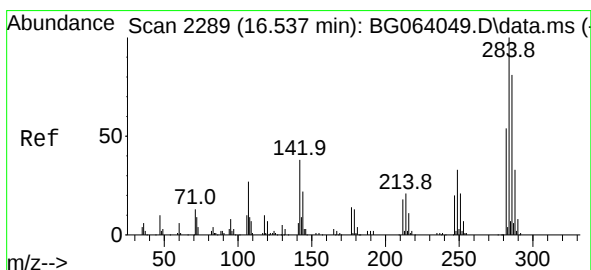
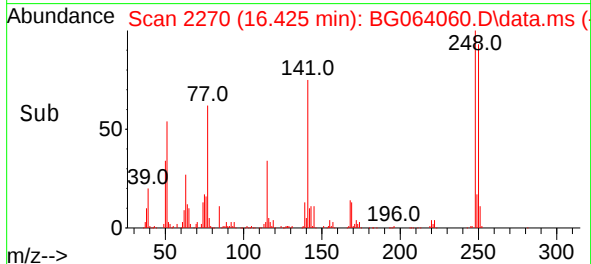
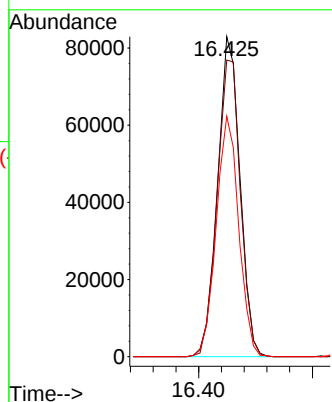
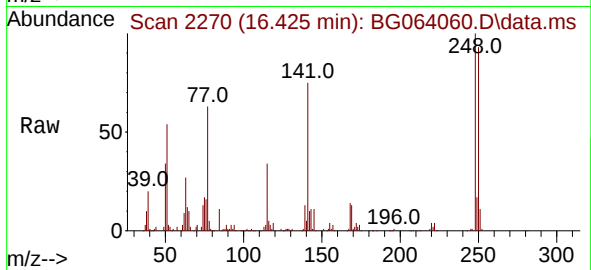




#67
4-Bromophenyl-phenylether
Concen: 43.731 ng
RT: 16.425 min Scan# 2270
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

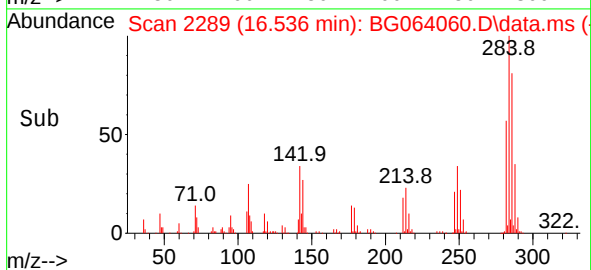
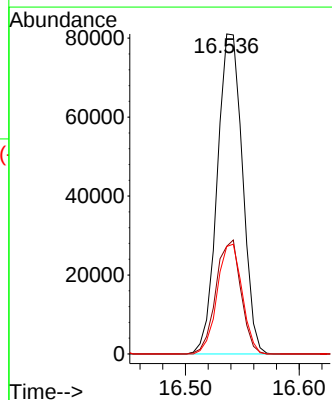
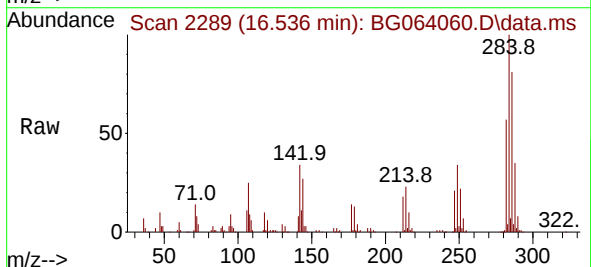
Instrument :
BNA_G
ClientSampleId :
PB167027BS

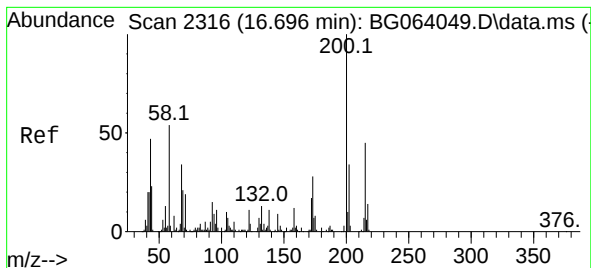
Tgt Ion:248 Resp: 113650
Ion Ratio Lower Upper
248 100
250 92.7 77.1 115.7
141 75.2 59.8 89.8



#68
Hexachlorobenzene
Concen: 42.886 ng
RT: 16.536 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:284 Resp: 124776
Ion Ratio Lower Upper
284 100
142 33.7 30.6 45.8
249 33.6 26.6 39.8





#69

Atrazine

Concen: 65.336 ng

RT: 16.701 min Scan# 24

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

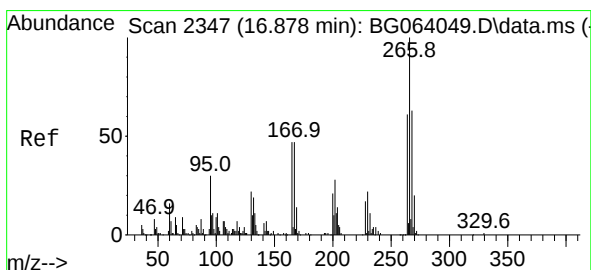
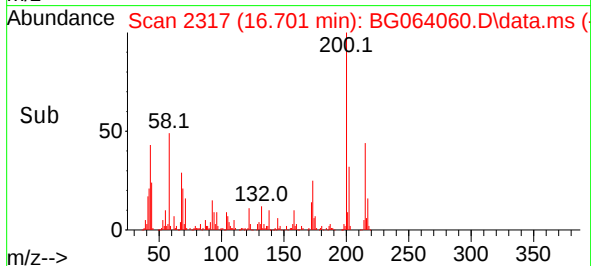
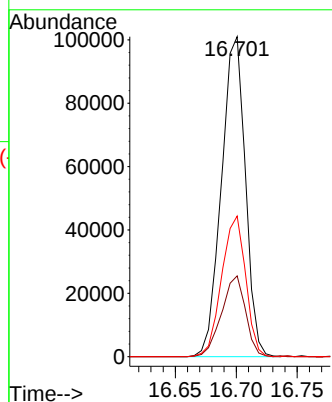
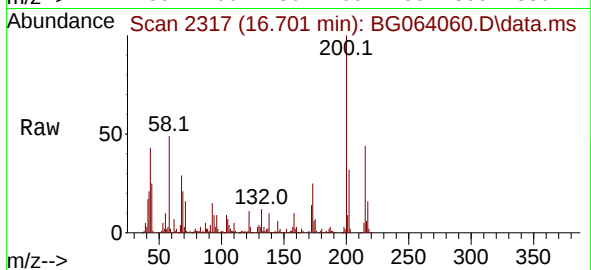
Tgt Ion:200 Resp: 138076

Ion Ratio Lower Upper

200 100

173 25.3 8.2 48.2

215 43.9 25.5 65.5



#70

Pentachlorophenol

Concen: 91.557 ng

RT: 16.883 min Scan# 2348

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

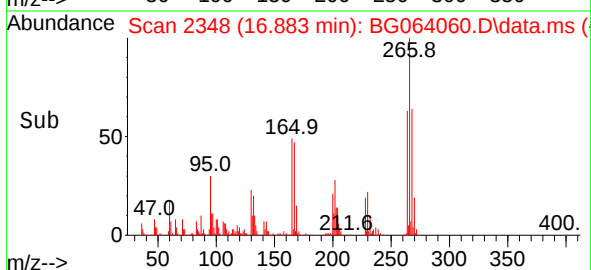
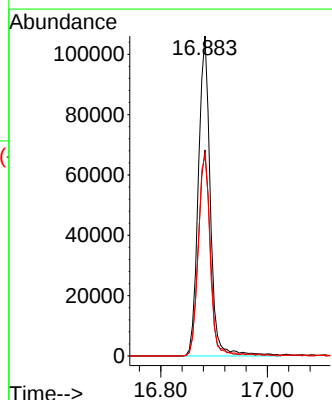
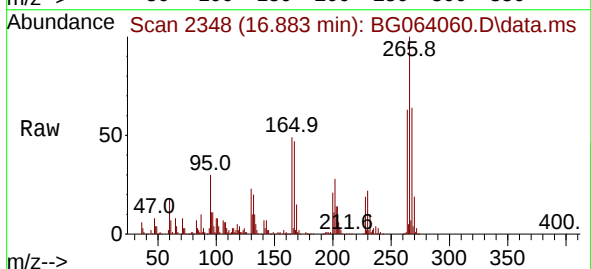
Tgt Ion:266 Resp: 165396

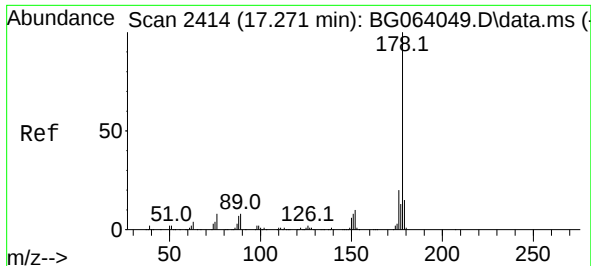
Ion Ratio Lower Upper

266 100

268 64.4 50.2 75.4

264 62.8 48.9 73.3

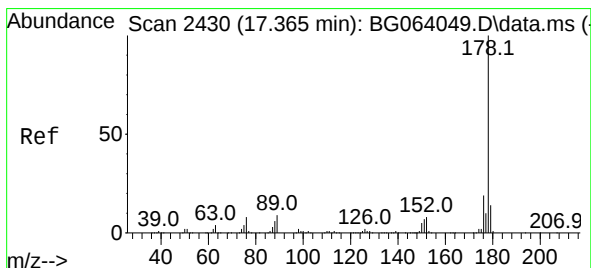
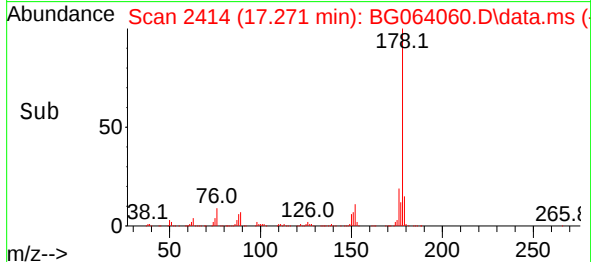
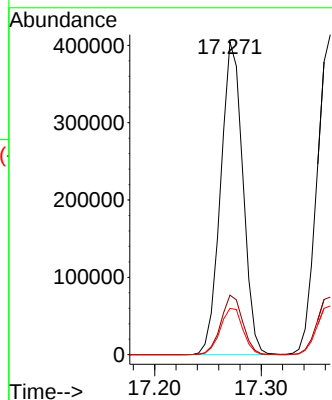
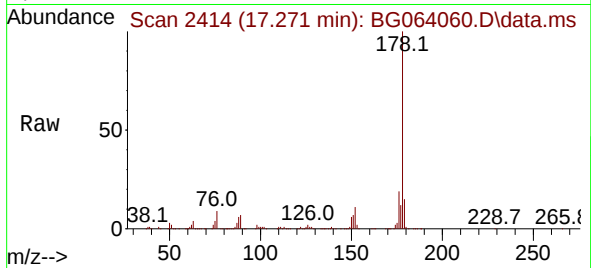




#71
Phenanthrene
Concen: 43.207 ng
RT: 17.271 min Scan# 2414
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

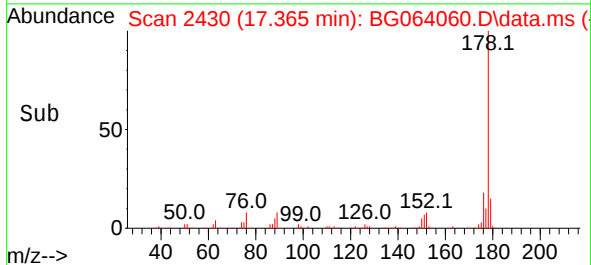
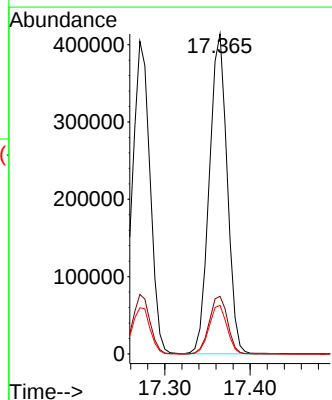
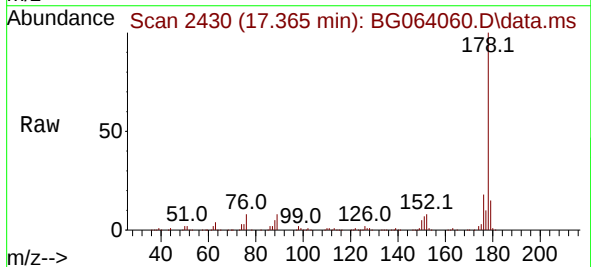
Instrument :
BNA_G
ClientSampleId :
PB167027BS

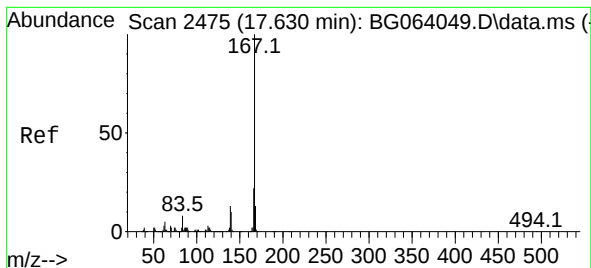
Tgt Ion:178 Resp: 584770
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 14.8 12.2 18.2



#72
Anthracene
Concen: 44.578 ng
RT: 17.365 min Scan# 2430
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:178 Resp: 599926
Ion Ratio Lower Upper
178 100
176 18.0 14.8 22.2
179 15.2 11.5 17.3





#73

Carbazole

Concen: 42.613 ng

RT: 17.629 min Scan# 2475

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

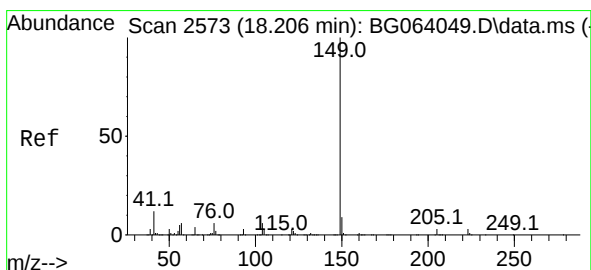
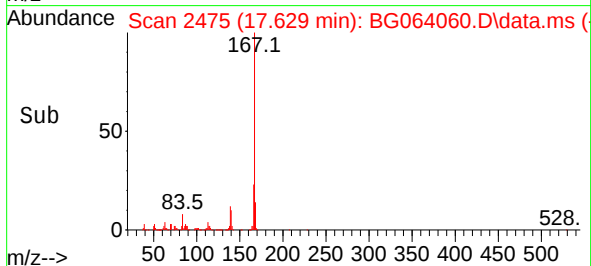
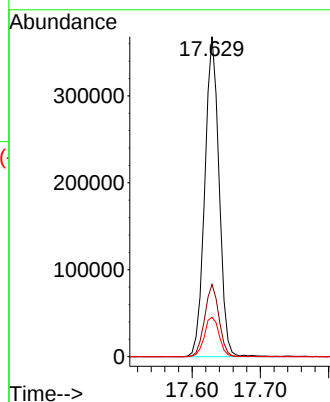
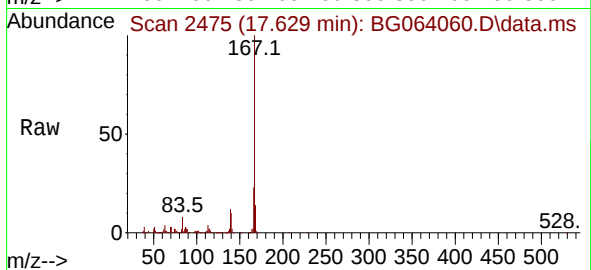
Tgt Ion:167 Resp: 535441

Ion Ratio Lower Upper

167 100

166 22.6 18.0 27.0

139 12.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 44.024 ng

RT: 18.205 min Scan# 2573

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

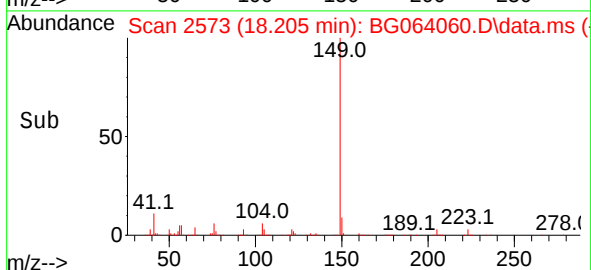
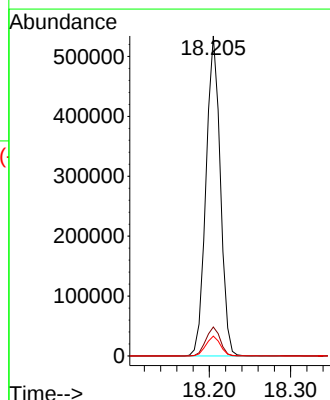
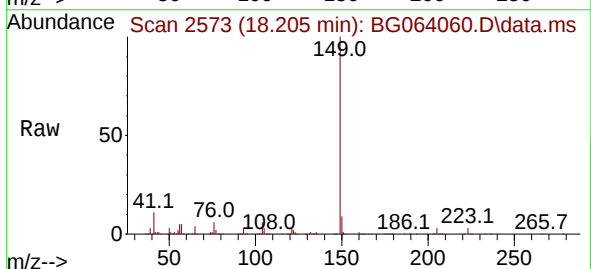
Tgt Ion:149 Resp: 651127

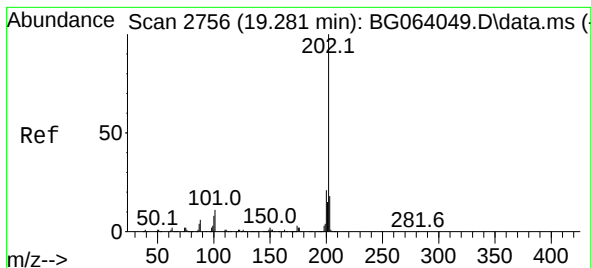
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 6.2 5.0 7.6





#75

Fluoranthene

Concen: 41.404 ng

RT: 19.280 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

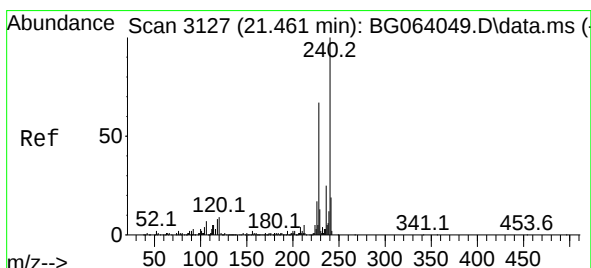
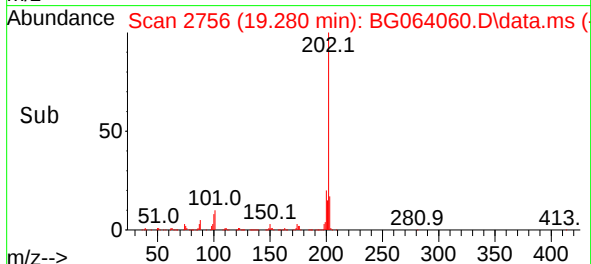
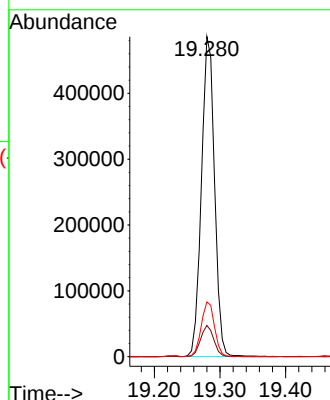
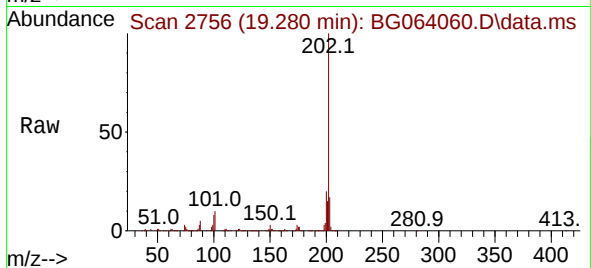
Tgt Ion:202 Resp: 675567

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 17.1 0.0 38.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.466 min Scan# 3128

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

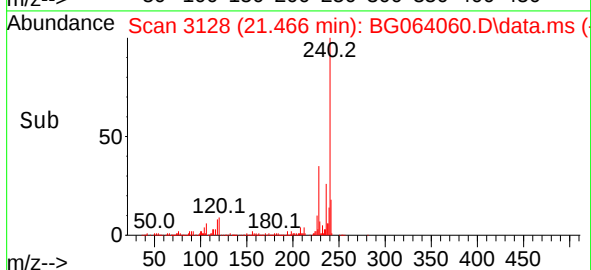
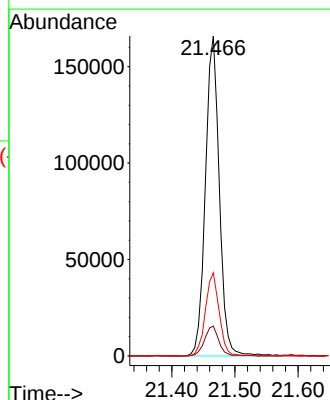
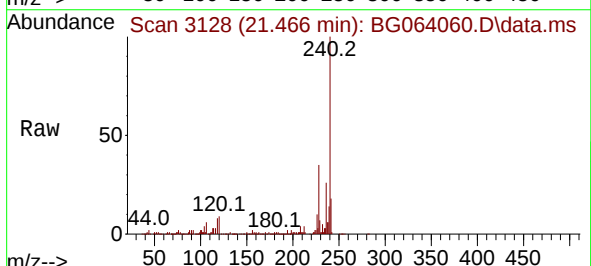
Tgt Ion:240 Resp: 254292

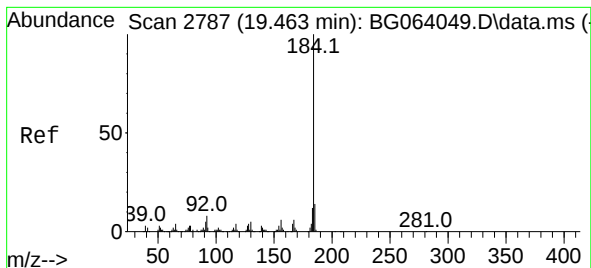
Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.0 20.2 30.2





#77

Benzidine

Concen: 53.291 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

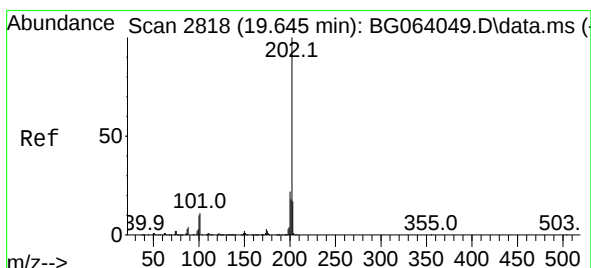
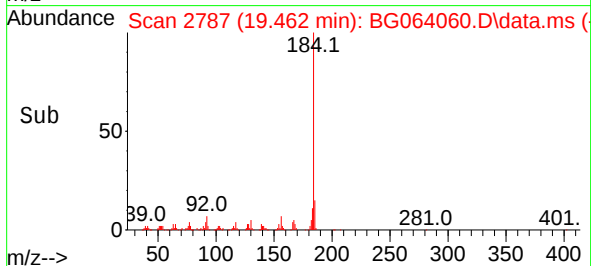
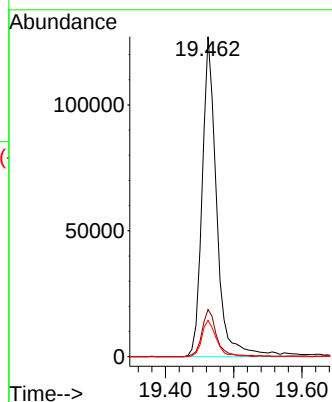
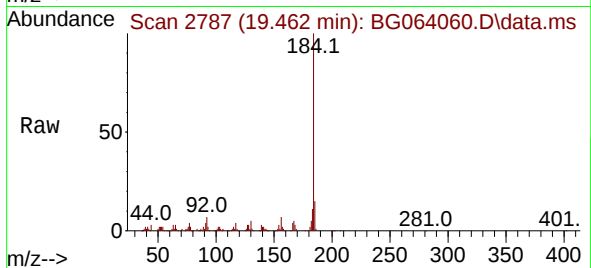
Tgt Ion:184 Resp: 187648

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

183 11.3 9.5 14.3



#78

Pyrene

Concen: 43.572 ng

RT: 19.644 min Scan# 2818

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

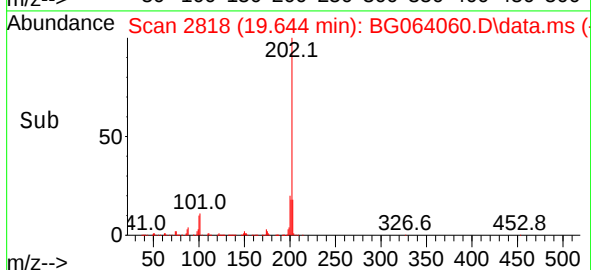
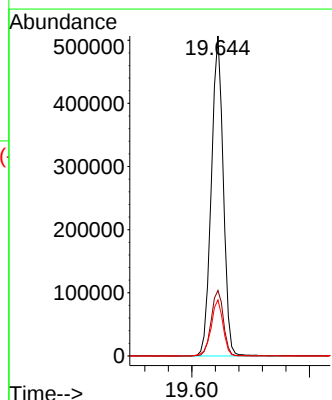
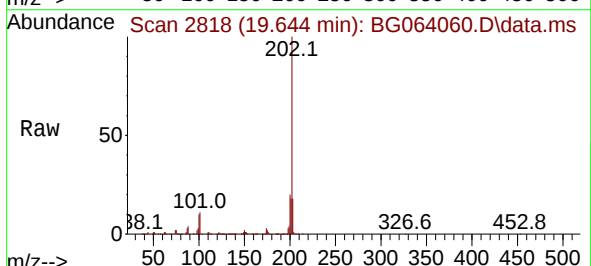
Tgt Ion:202 Resp: 714233

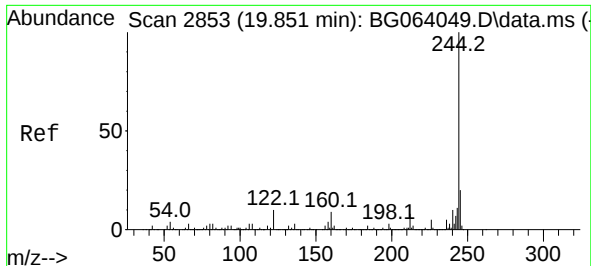
Ion Ratio Lower Upper

202 100

200 20.4 17.3 25.9

203 17.5 13.6 20.4

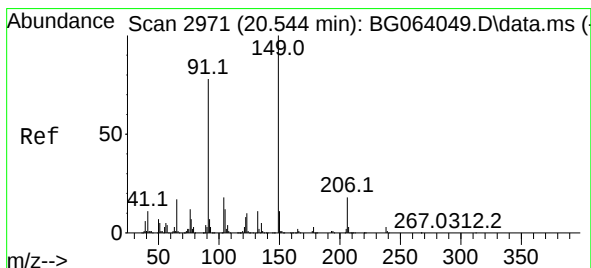
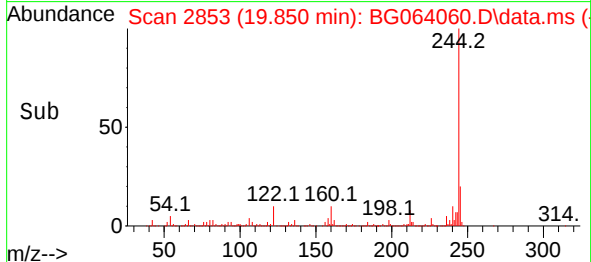
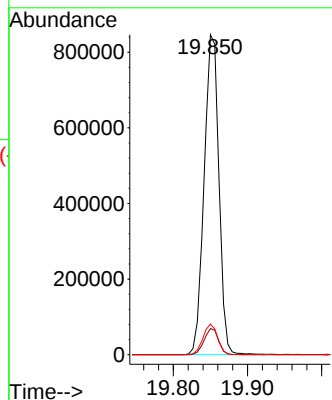
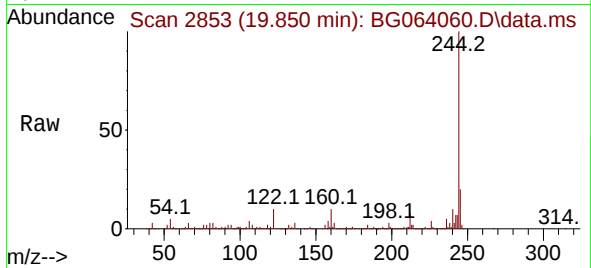




#79
 Terphenyl-d14
 Concen: 93.476 ng
 RT: 19.850 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG064060.D
 Acq: 7 Mar 2025 15:39

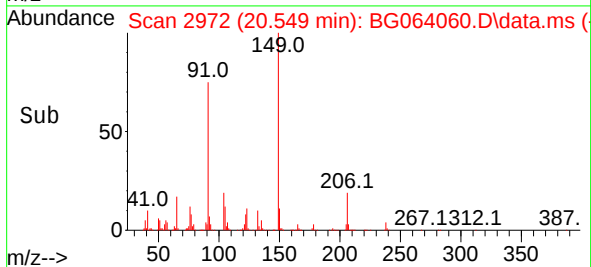
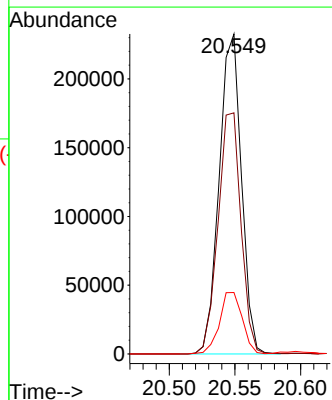
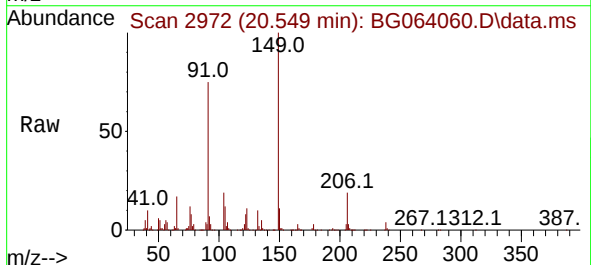
Instrument :
 BNA_G
 ClientSampleId :
 PB167027BS

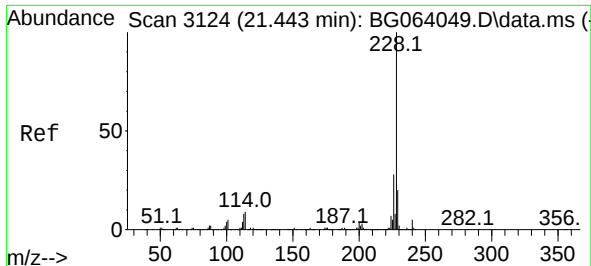
Tgt Ion:244 Resp: 1175577
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.4
 122 9.6 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 44.823 ng
 RT: 20.549 min Scan# 2972
 Delta R.T. 0.005 min
 Lab File: BG064060.D
 Acq: 7 Mar 2025 15:39

Tgt Ion:149 Resp: 274108
 Ion Ratio Lower Upper
 149 100
 91 75.4 62.0 93.0
 206 19.2 14.6 21.8

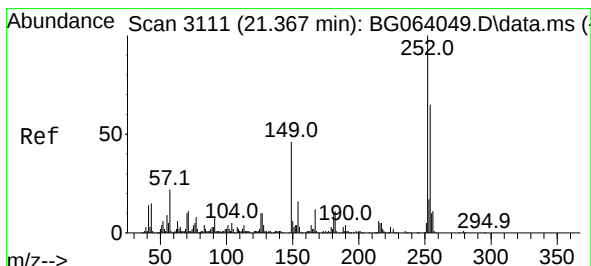
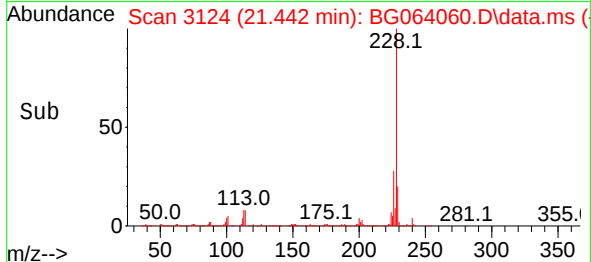
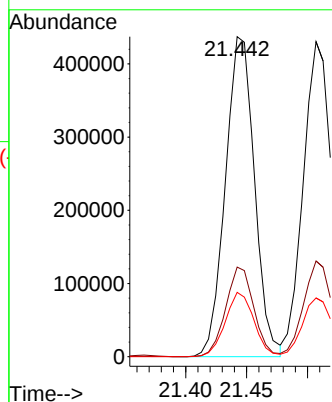
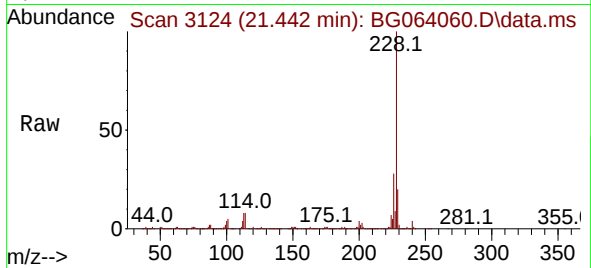




#81
Benzo(a)anthracene
Concen: 44.579 ng
RT: 21.442 min Scan# 3124
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

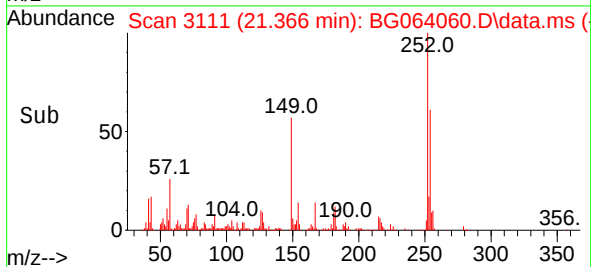
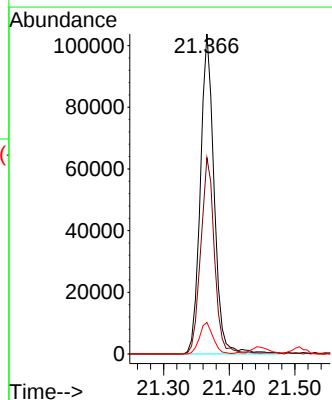
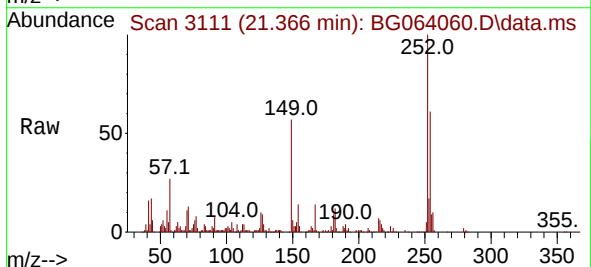
Instrument :
BNA_G
ClientSampleId :
PB167027BS

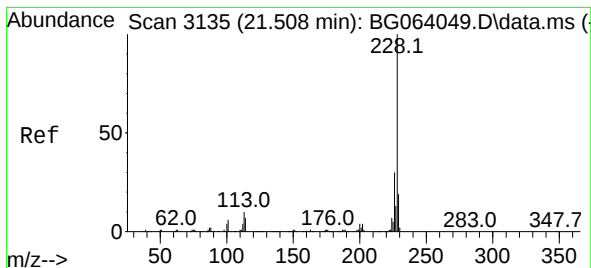
Tgt Ion:228 Resp: 726148
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 20.1 16.4 24.6



#82
3,3'-Dichlorobenzidine
Concen: 28.872 ng
RT: 21.366 min Scan# 3111
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:252 Resp: 152208
Ion Ratio Lower Upper
252 100
254 61.3 52.1 78.1
126 9.9 7.8 11.8





#83

Chrysene

Concen: 43.176 ng

RT: 21.507 min Scan# 3114

Delta R.T. -0.001 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

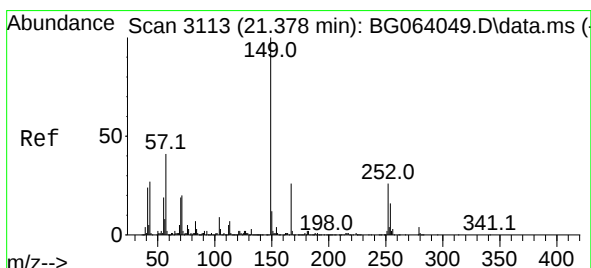
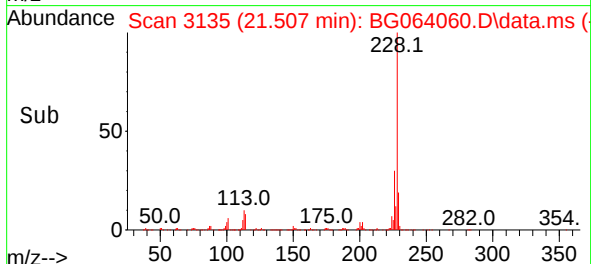
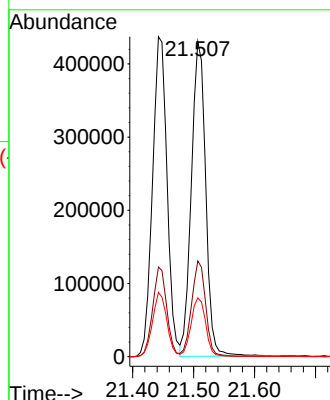
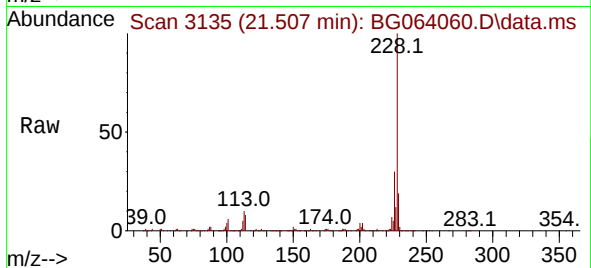
Tgt Ion:228 Resp: 701459

Ion Ratio Lower Upper

228 100

226 30.4 23.9 35.9

229 18.6 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.174 ng

RT: 21.383 min Scan# 3114

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

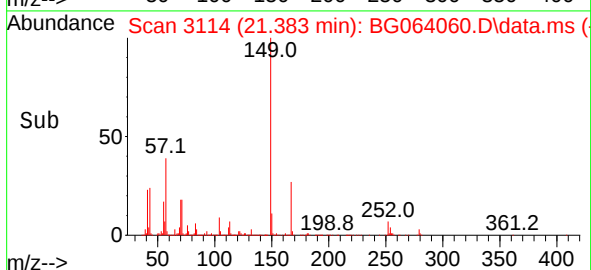
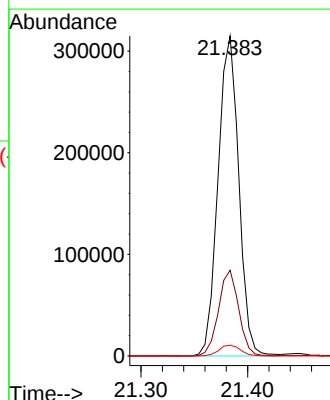
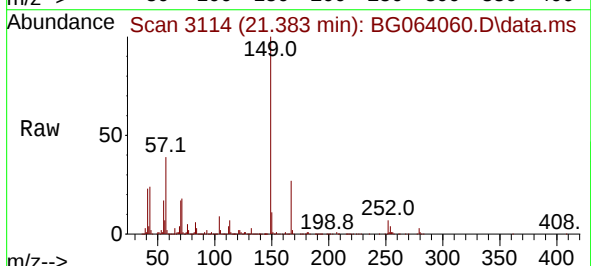
Tgt Ion:149 Resp: 424390

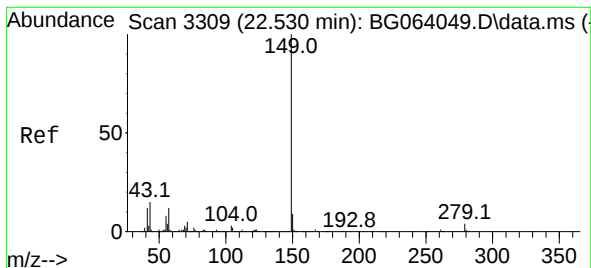
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.6

279 3.3 2.8 4.2

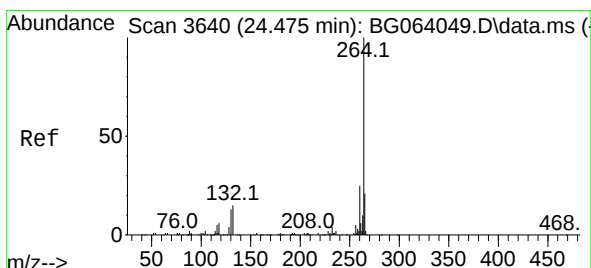
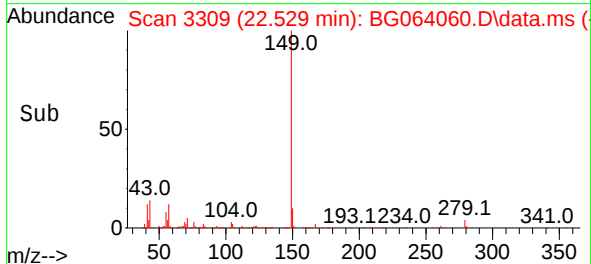
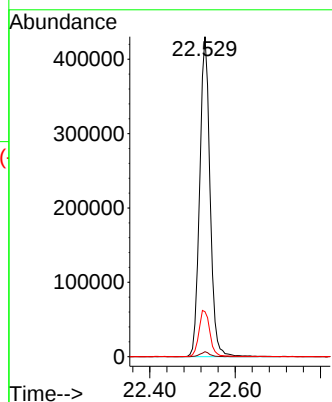
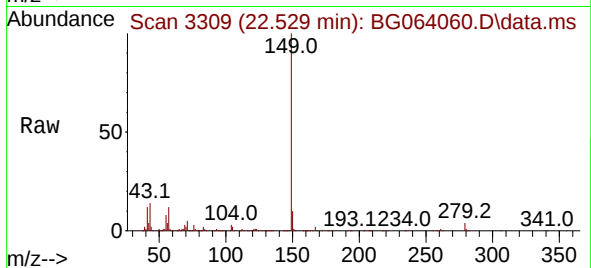




#85
Di-n-octyl phthalate
Concen: 47.635 ng
RT: 22.529 min Scan# 3309
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

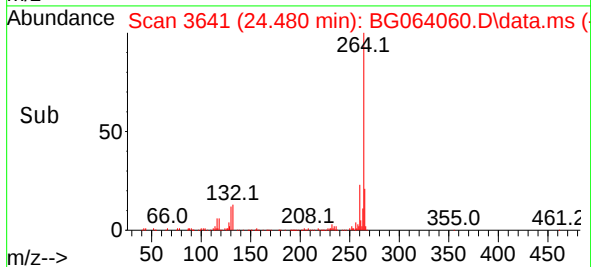
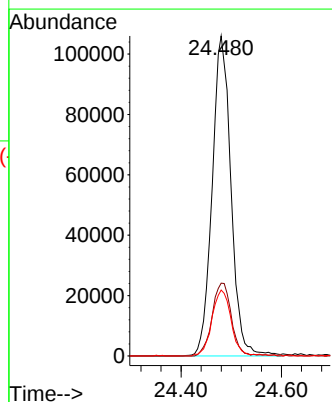
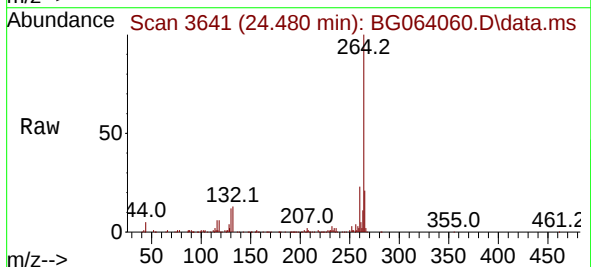
Instrument :
BNA_G
ClientSampleId :
PB167027BS

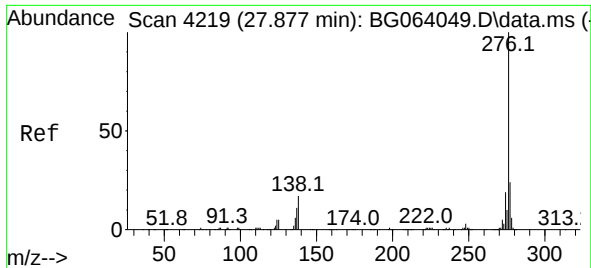
Tgt Ion:149 Resp: 723815
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 15.5 12.6 19.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.480 min Scan# 3641
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:264 Resp: 275837
Ion Ratio Lower Upper
264 100
260 22.7 19.6 29.4
265 20.6 16.6 25.0

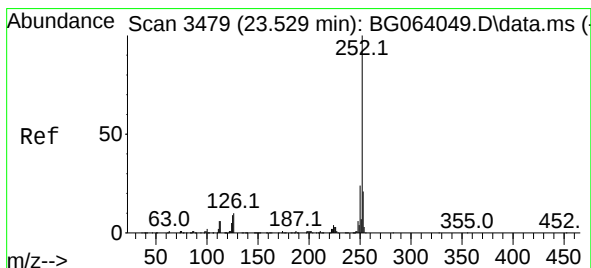
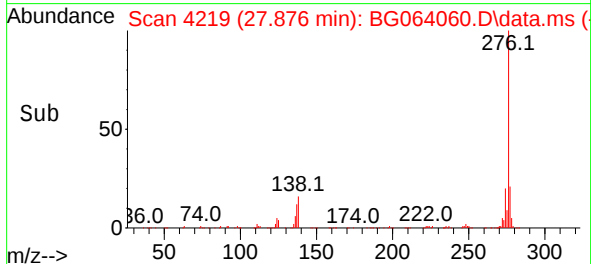
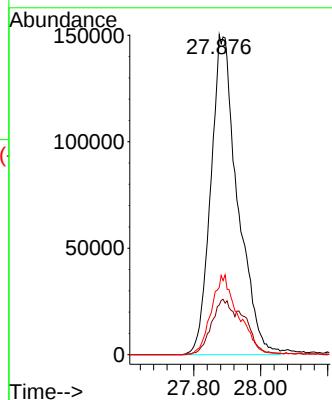
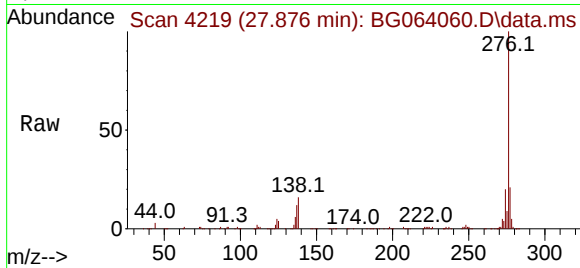




#87
Indeno(1,2,3-cd)pyrene
Concen: 45.284 ng
RT: 27.876 min Scan# 41
Delta R.T. -0.001 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

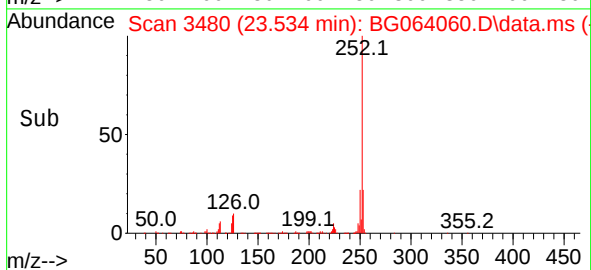
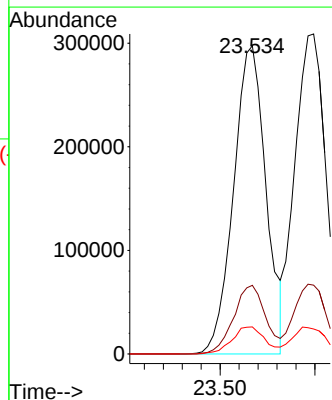
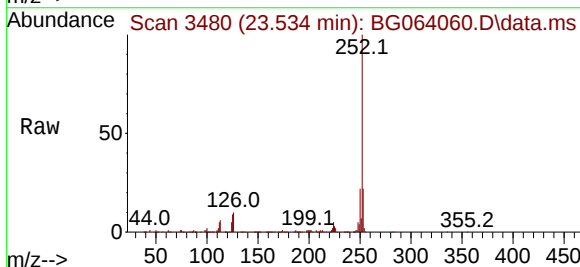
Instrument :
BNA_G
ClientSampleId :
PB167027BS

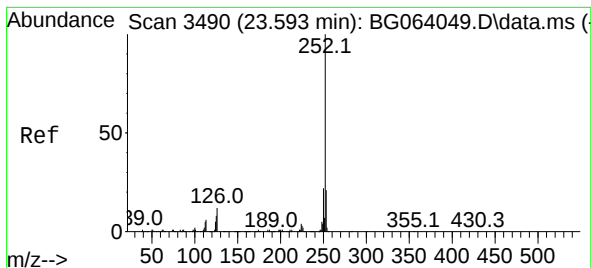
Tgt Ion:276 Resp: 835748
Ion Ratio Lower Upper
276 100
138 13.6 12.1 18.1
277 25.2 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 42.412 ng
RT: 23.534 min Scan# 3480
Delta R.T. 0.005 min
Lab File: BG064060.D
Acq: 7 Mar 2025 15:39

Tgt Ion:252 Resp: 707242
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.213 ng

RT: 23.599 min Scan# 3490

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

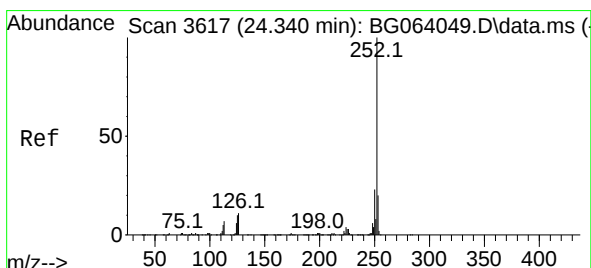
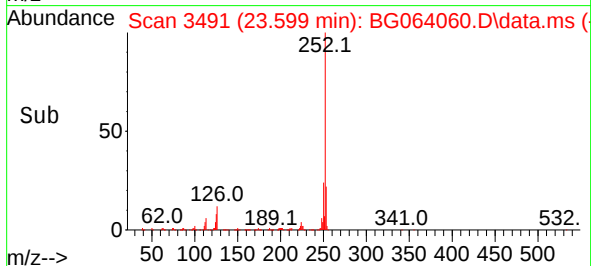
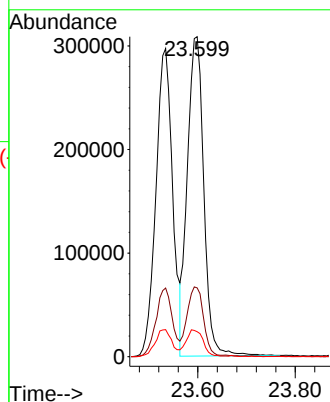
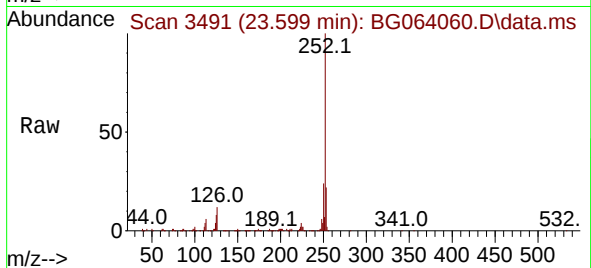
Tgt Ion:252 Resp: 722895

Ion Ratio Lower Upper

252 100

253 21.5 16.8 25.2

125 7.8 6.9 10.3



#90

Benzo(a)pyrene

Concen: 45.669 ng

RT: 24.345 min Scan# 3618

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

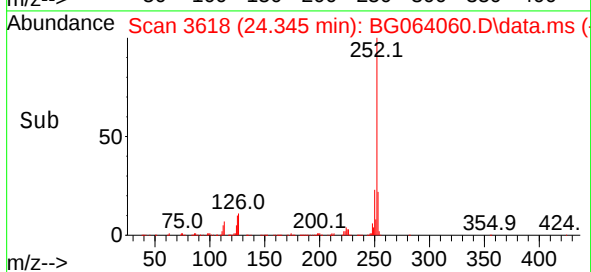
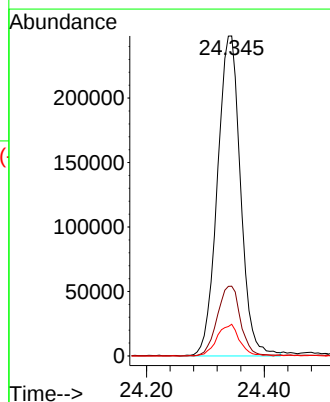
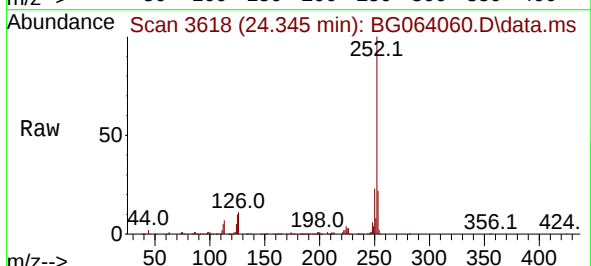
Tgt Ion:252 Resp: 678225

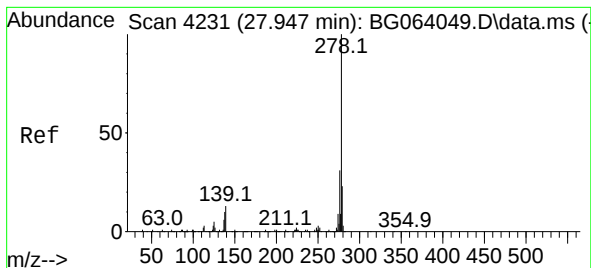
Ion Ratio Lower Upper

252 100

253 21.8 16.2 24.2

125 9.9 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 44.579 ng

RT: 27.952 min Scan# 41

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Instrument :

BNA_G

ClientSampleId :

PB167027BS

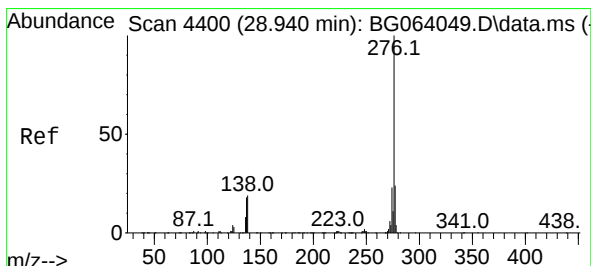
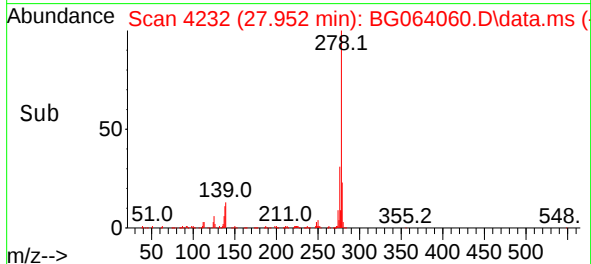
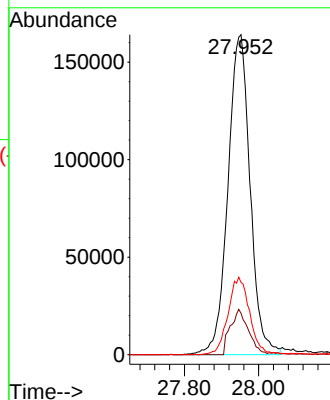
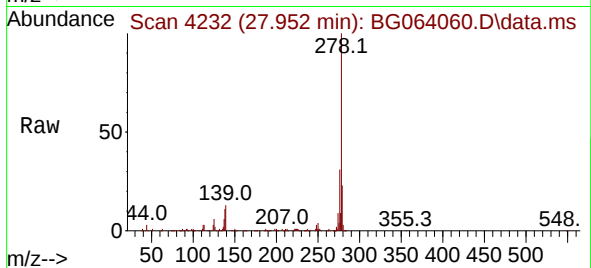
Tgt Ion:278 Resp: 682070

Ion Ratio Lower Upper

278 100

139 13.0 10.2 15.2

279 22.6 18.1 27.1



#92

Benzo(g,h,i)perylene

Concen: 41.599 ng

RT: 28.945 min Scan# 4401

Delta R.T. 0.005 min

Lab File: BG064060.D

Acq: 7 Mar 2025 15:39

Tgt Ion:276 Resp: 653491

Ion Ratio Lower Upper

276 100

277 21.5 19.5 29.3

138 18.4 15.4 23.0

