

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
 Data File : BG064844.D
 Acq On : 21 Nov 2025 15:14
 Operator : RC/JU
 Sample : Q3530-03
 Misc : MDL-SOIL-8ng
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

Quant Time: Nov 21 15:51:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.161	152	47267	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	177281	20.000	ng	# 0.00
39) Acenaphthene-d10	14.771	164	149266	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	362584	20.000	ng	0.00
76) Chrysene-d12	21.751	240	414830	20.000	ng	0.00
86) Perylene-d12	25.006	264	387284	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	371183	137.129	ng	0.00
7) Phenol-d6	7.309	99	451367	125.373	ng	0.00
23) Nitrobenzene-d5	9.325	82	310499	86.597	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	368372	126.538	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	897939	83.940	ng	0.00
79) Terphenyl-d14	20.088	244	2083764	98.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.526	88	10589	10.105	ng	96
3) Pyridine	3.943	79	25084	8.034	ng	89
4) n-Nitrosodimethylamine	3.849	42	12118	7.625	ng	# 82
6) Aniline	7.480	93	36621	7.631	ng	91
8) 2-Chlorophenol	7.721	128	23586	7.936	ng	95
9) Benzaldehyde	7.286	77	19881	8.436	ng	93
10) Phenol	7.333	94	30451	7.774	ng	95
11) bis(2-Chloroethyl)ether	7.568	93	20847	7.479	ng	90
12) 1,3-Dichlorobenzene	8.050	146	27475m	8.034	ng	
13) 1,4-Dichlorobenzene	8.197	146	28641	8.224	ng	95
14) 1,2-Dichlorobenzene	8.526	146	26589	7.874	ng	97
15) Benzyl Alcohol	8.390	79	19312	6.535	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.690	45	41125	6.233	ng	97
17) 2-Methylphenol	8.590	107	18812	6.787	ng	94
18) Hexachloroethane	9.260	117	10203	7.735	ng	95
19) n-Nitroso-di-n-propyla...	8.960	70	17980	7.386	ng	# 83
20) 3+4-Methylphenols	8.919	107	25701	6.769	ng	96
22) Acetophenone	8.984	105	38065	7.881	ng	# 99
24) Nitrobenzene	9.366	77	28568	7.885	ng	94
25) Isophorone	9.889	82	51296	7.513	ng	96
26) 2-Nitrophenol	10.083	139	12330	7.566	ng	94
27) 2,4-Dimethylphenol	10.130	122	17810	6.152	ng	98
28) bis(2-Chloroethoxy)met...	10.365	93	28217	7.527	ng	97
29) 2,4-Dichlorophenol	10.623	162	22625	7.279	ng	95
30) 1,2,4-Trichlorobenzene	10.840	180	31140	8.297	ng	93
31) Naphthalene	11.028	128	76691	7.631	ng	98
32) Benzoic acid	10.206	122	10863m	10.547	ng	
33) 4-Chloroaniline	11.128	127	30860	7.676	ng	96
34) Hexachlorobutadiene	11.316	225	24009	7.456	ng	# 87
35) Caprolactam	11.863	113	6572	7.069	ng	# 74
36) 4-Chloro-3-methylphenol	12.227	107	25603	7.401	ng	89
37) 2-Methylnaphthalene	12.621	142	51154	6.802	ng	96
38) 1-Methylnaphthalene	12.838	142	55283m	7.400	ng	
40) 1,2,4,5-Tetrachloroben...	12.985	216	43764	7.534	ng	96
41) Hexachlorocyclopentadiene	12.967	237	18796	4.514	ng	95
43) 2,4,6-Trichlorophenol	13.214	196	23705	6.953	ng	98

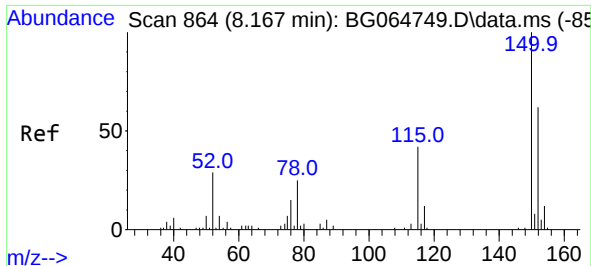
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
 Data File : BG064844.D
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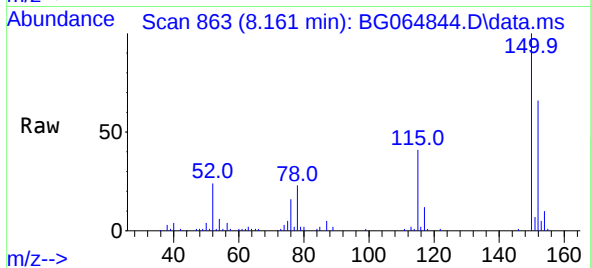
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	28745	7.517	ng	96
46) 1,1'-Biphenyl	13.614	154	81591	7.611	ng	96
47) 2-Chloronaphthalene	13.661	162	63402	7.507	ng	95
48) 2-Nitroaniline	13.843	65	18574	6.837	ng	97
49) Acenaphthylene	14.495	152	107335	7.439	ng	97
50) Dimethylphthalate	14.213	163	89204	7.565	ng	99
51) 2,6-Dinitrotoluene	14.331	165	17292	7.621	ng	99
52) Acenaphthene	14.836	154	63097	7.293	ng	98
53) 3-Nitroaniline	14.660	138	16492	7.365	ng #	98
54) 2,4-Dinitrophenol	14.871	184	4332	11.072	ng #	84
55) Dibenzofuran	15.165	168	112806	7.887	ng	95
56) 4-Nitrophenol	14.959	139	9895	5.569	ng #	81
57) 2,4-Dinitrotoluene	15.112	165	25074	7.371	ng #	95
58) Fluorene	15.811	166	87815	7.828	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.388	232	29753	7.886	ng #	97
60) Diethylphthalate	15.564	149	83797	7.419	ng	98
61) 4-Chlorophenyl-phenyle...	15.799	204	51498	7.649	ng	95
62) 4-Nitroaniline	15.811	138	15916	6.861	ng	87
63) Azobenzene	16.087	77	73521	7.826	ng	97
65) 4,6-Dinitro-2-methylph...	15.876	198	12325	6.122	ng	90
66) n-Nitrosodiphenylamine	16.005	169	76565	8.062	ng	99
67) 4-Bromophenyl-phenylether	16.687	248	37328	7.839	ng	97
68) Hexachlorobenzene	16.810	284	45400	7.870	ng	95
69) Atrazine	16.939	200	35037	7.652	ng	98
70) Pentachlorophenol	17.151	266	19439	11.400	ng	96
71) Phenanthrene	17.539	178	159324	8.031	ng	98
72) Anthracene	17.633	178	160153	7.917	ng	97
73) Carbazole	17.897	167	137016	7.879	ng	97
74) Di-n-butylphthalate	18.443	149	150793	7.772	ng	99
75) Fluoranthene	19.536	202	204021	7.521	ng	99
77) Benzidine	19.707	184	70019	5.636	ng	98
78) Pyrene	19.895	202	211244	9.086	ng	96
80) Butylbenzylphthalate	20.764	149	67582	8.264	ng	92
81) Benzo(a)anthracene	21.728	228	216253	7.667	ng	98
82) 3,3'-Dichlorobenzidine	21.634	252	74272	7.154	ng	98
83) Chrysene	21.792	228	210322	7.909	ng	99
84) Bis(2-ethylhexyl)phtha...	21.628	149	92459	7.737	ng	99
85) Di-n-octyl phthalate	22.850	149	142759	6.911	ng	98
87) Indeno(1,2,3-cd)pyrene	28.720	276	207976	7.816	ng #	92
88) Benzo(b)fluoranthene	23.966	252	191208	7.758	ng	99
89) Benzo(k)fluoranthene	24.037	252	194959	7.874	ng	97
90) Benzo(a)pyrene	24.848	252	178719	7.817	ng #	99
91) Dibenzo(a,h)anthracene	28.778	278	169114	7.758	ng	98
92) Benzo(g,h,i)perylene	29.889	276	164948	7.863	ng #	96

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

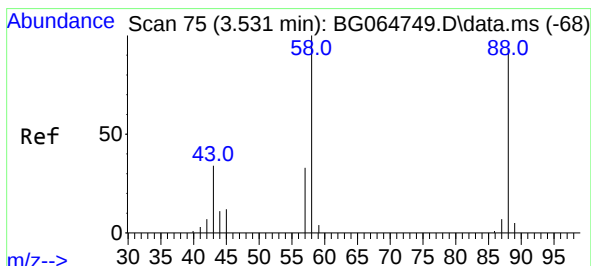
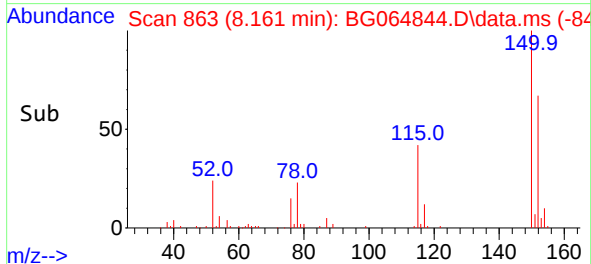
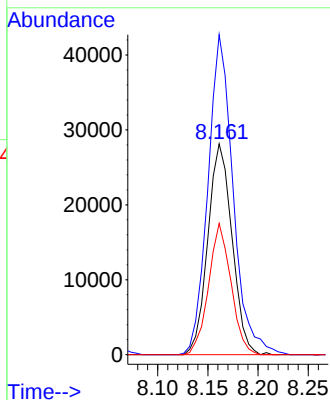


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

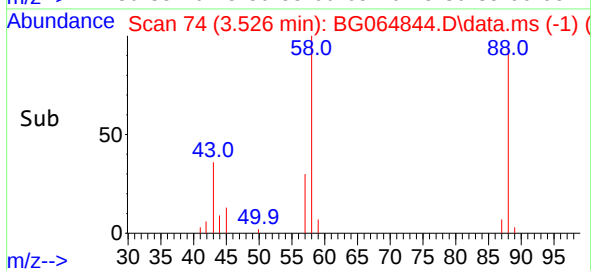
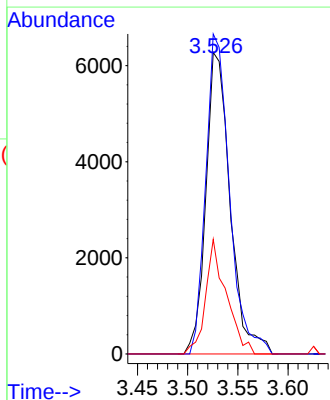
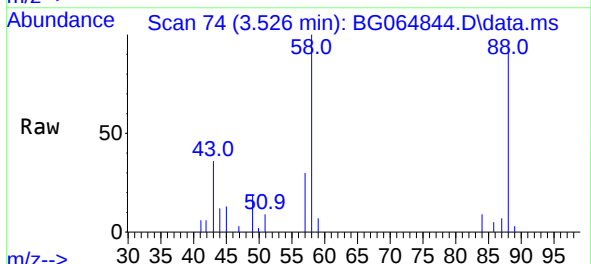


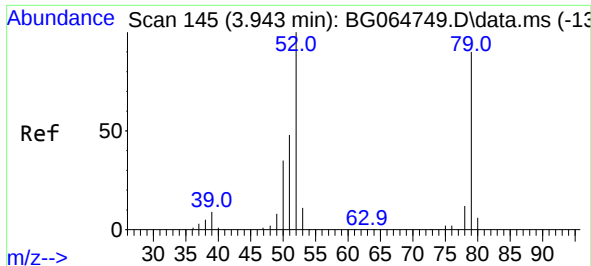
Tgt Ion:152 Resp: 47267
Ion Ratio Lower Upper
152 100
150 151.7 129.2 193.8
115 62.2 53.7 80.5



#2
1,4-Dioxane
Concen: 10.105 ng
RT: 3.526 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 88 Resp: 10589
Ion Ratio Lower Upper
88 100
58 103.8 84.6 126.8
43 32.3 30.0 45.0

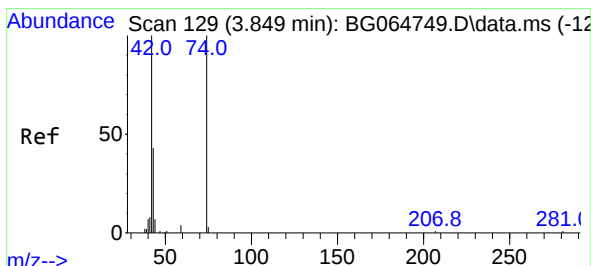
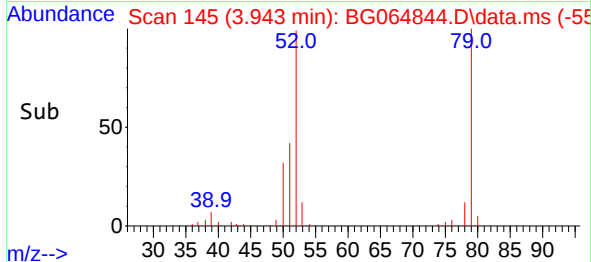
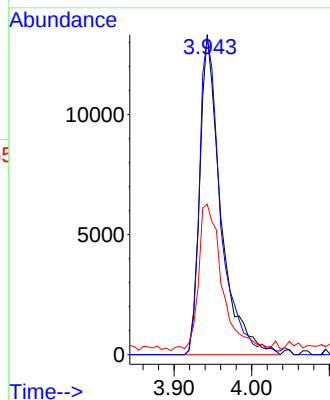
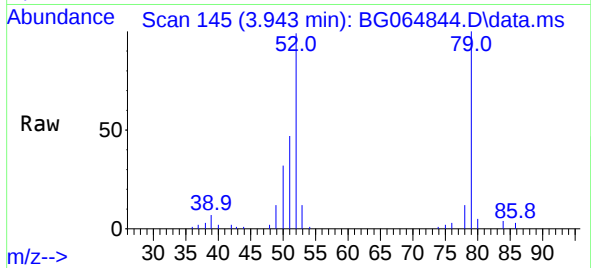




#3
Pyridine
Concen: 8.034 ng
RT: 3.943 min Scan# 145
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

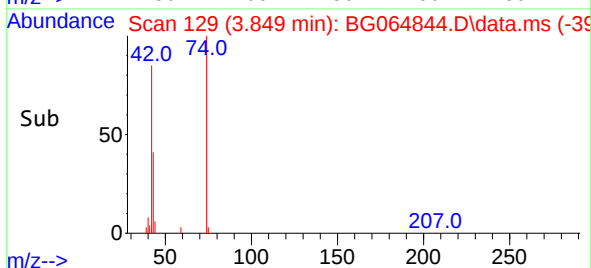
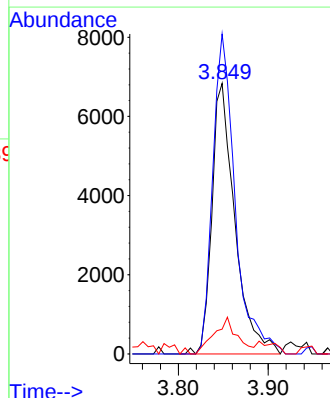
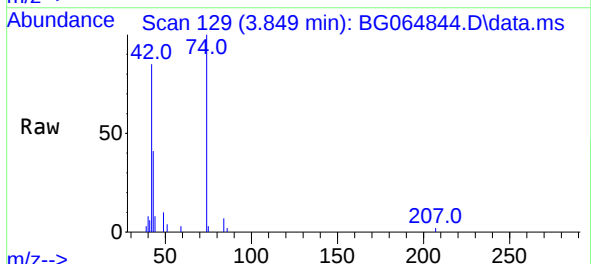
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

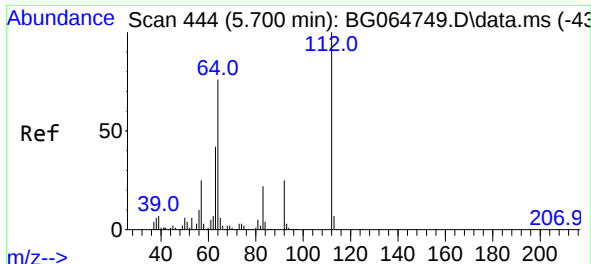
Tgt Ion:	79	Resp:	25084
Ion	Ratio	Lower	Upper
79	100		
52	98.9	89.0	133.4
51	47.0	43.4	65.0



#4
n-Nitrosodimethylamine
Concen: 7.625 ng
RT: 3.849 min Scan# 129
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	42	Resp:	12118
Ion	Ratio	Lower	Upper
42	100		
74	118.3	79.8	119.6
44	9.2	5.9	8.9



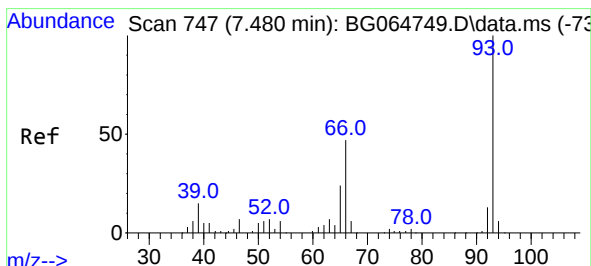
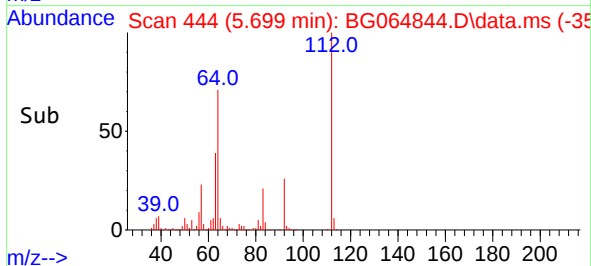
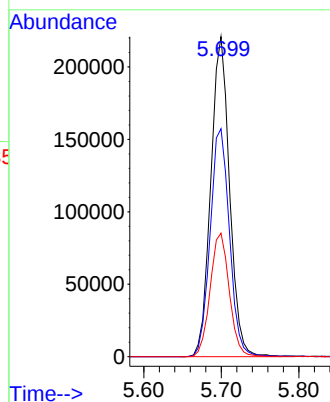
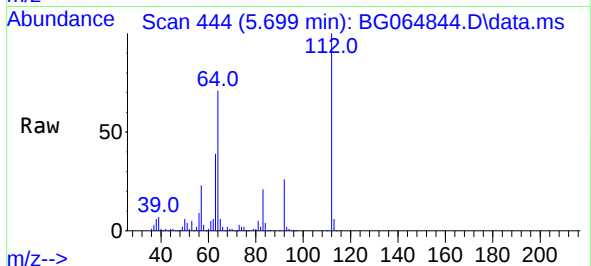


#5
2-Fluorophenol
Concen: 137.129 ng
RT: 5.699 min Scan# 444
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:112 Resp: 371183

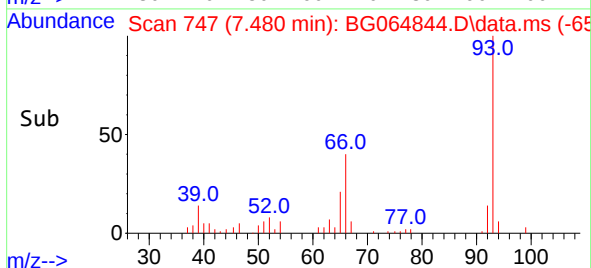
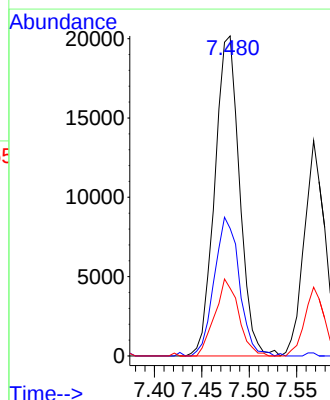
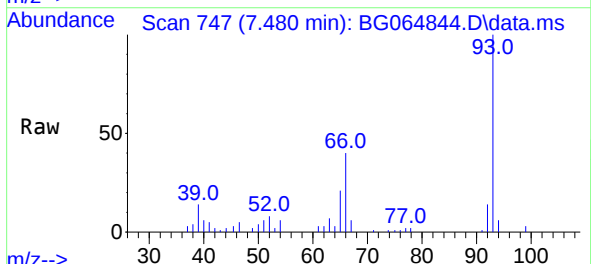
Ion	Ratio	Lower	Upper
112	100		
64	71.3	61.0	91.4
63	38.6	33.3	49.9

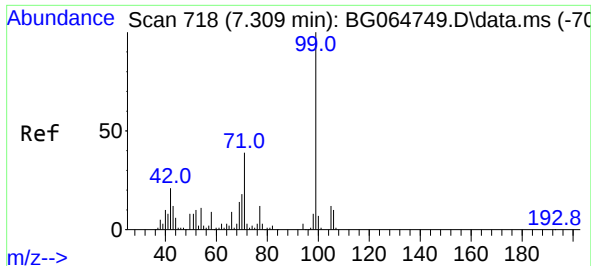


#6
Aniline
Concen: 7.631 ng
RT: 7.480 min Scan# 747
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 93 Resp: 36621

Ion	Ratio	Lower	Upper
93	100		
66	39.9	37.7	56.5
65	21.2	19.1	28.7



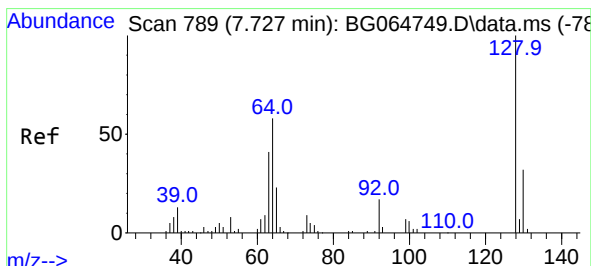
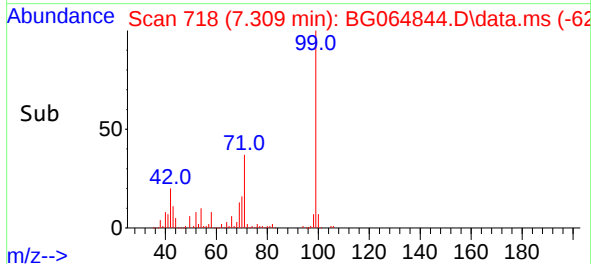
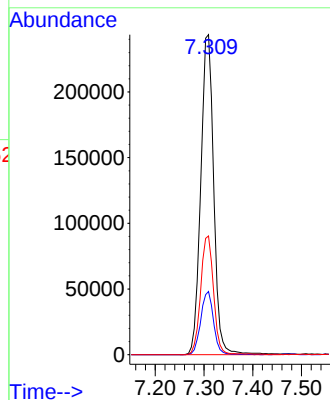
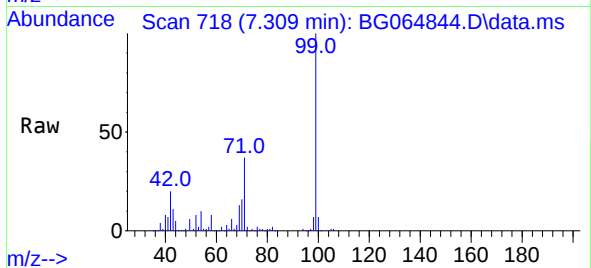


#7
Phenol-d6
Concen: 125.373 ng
RT: 7.309 min Scan# 718
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion: 99 Resp: 451367

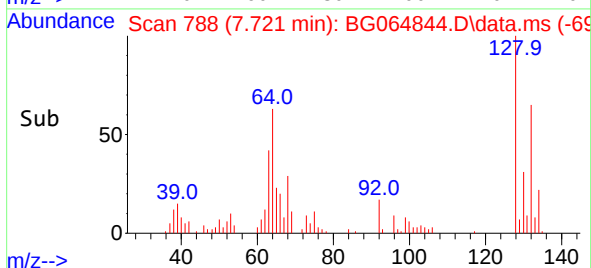
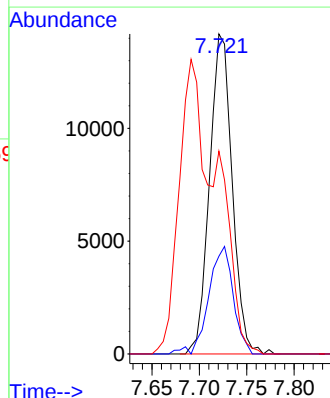
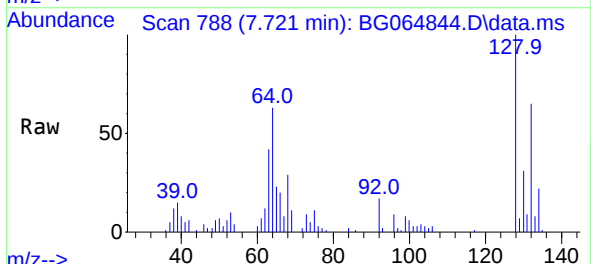
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.8	25.2
71	37.1	31.1	46.7

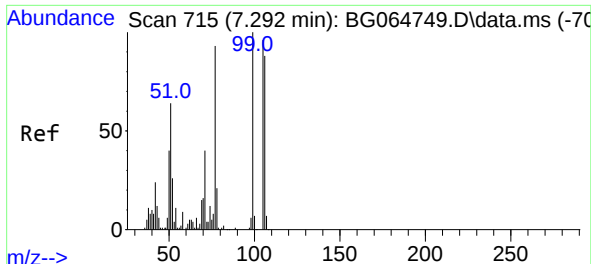


#8
2-Chlorophenol
Concen: 7.936 ng
RT: 7.721 min Scan# 788
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 128 Resp: 23586

Ion	Ratio	Lower	Upper
128	100		
130	30.5	11.9	51.9
64	63.4	38.4	78.4

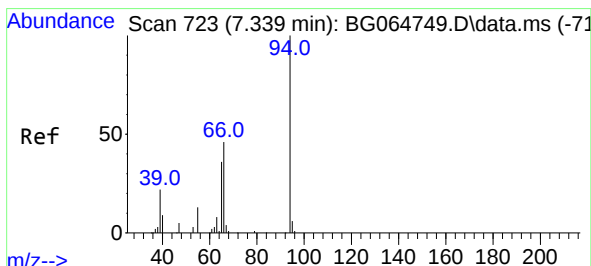
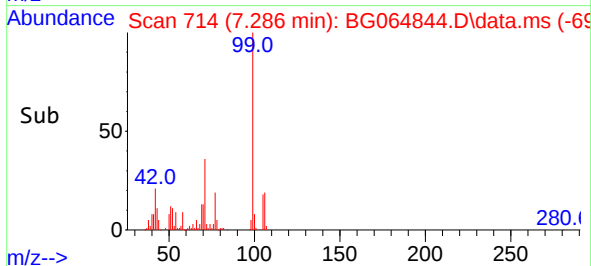
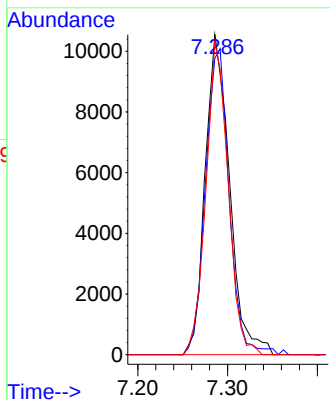
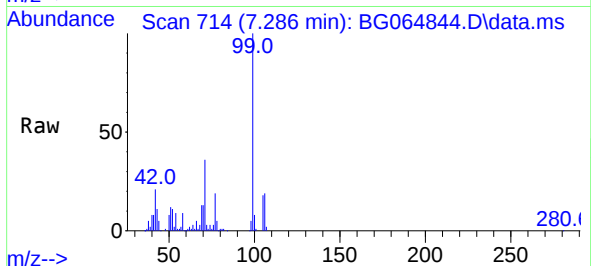




#9
Benzaldehyde
Concen: 8.436 ng
RT: 7.286 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

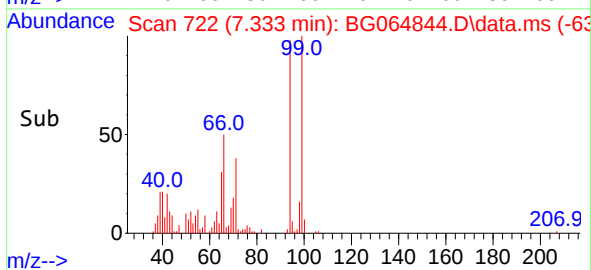
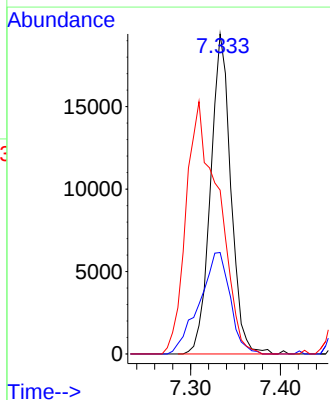
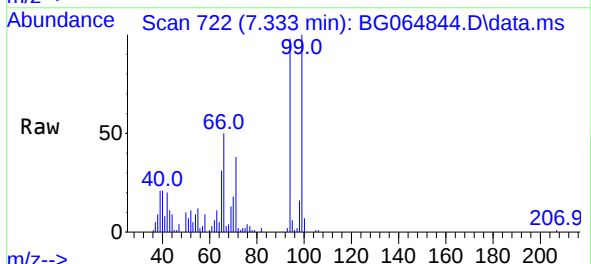
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

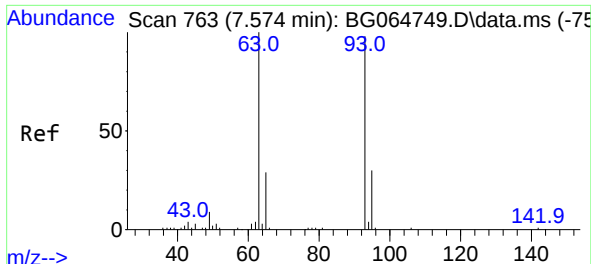
Tgt Ion: 77 Resp: 19881
Ion Ratio Lower Upper
77 100
105 92.6 83.8 123.8
106 97.8 74.3 114.3



#10
Phenol
Concen: 7.774 ng
RT: 7.333 min Scan# 722
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 94 Resp: 30451
Ion Ratio Lower Upper
94 100
65 31.7 17.0 57.0
66 51.2 29.8 69.8

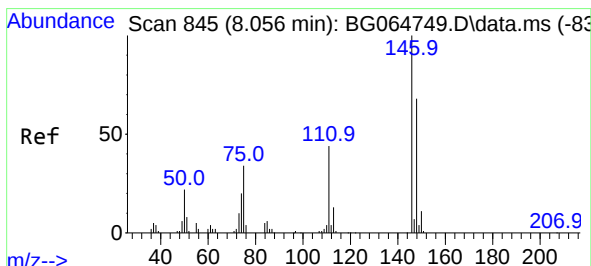
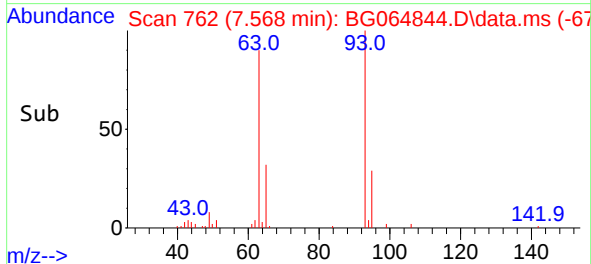
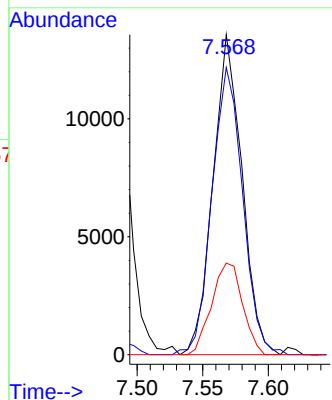
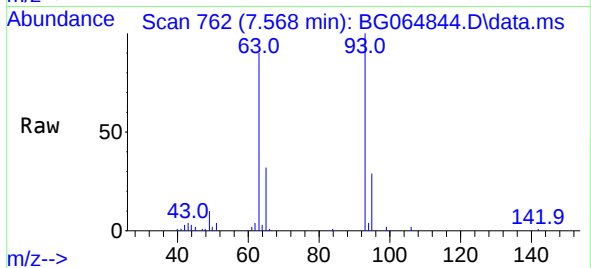




#11
bis(2-Chloroethyl)ether
Concen: 7.479 ng
RT: 7.568 min Scan# 762
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

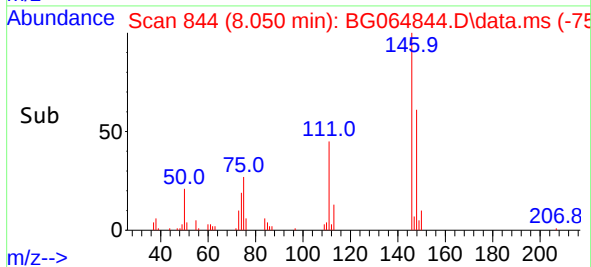
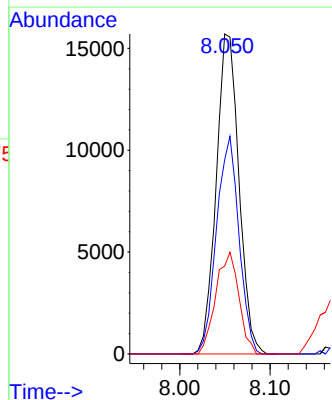
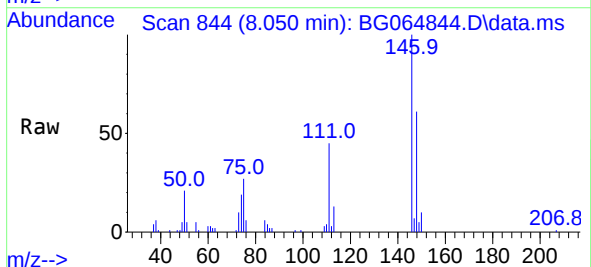
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

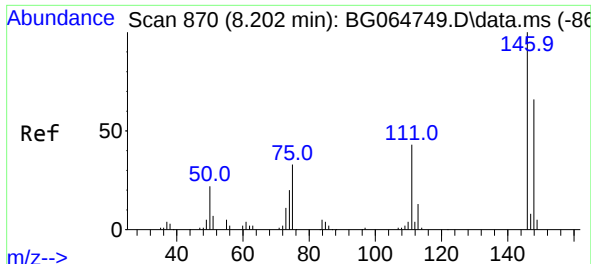
Tgt Ion: 93 Resp: 20847
Ion Ratio Lower Upper
93 100
63 89.7 81.8 121.8
95 28.6 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 8.034 ng m
RT: 8.050 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 146 Resp: 27475
Ion Ratio Lower Upper
146 100
148 60.7 54.6 82.0
75 27.4 27.6 41.4#

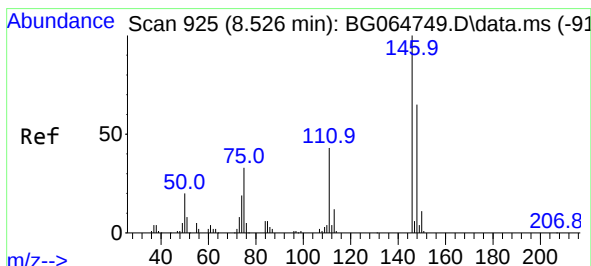
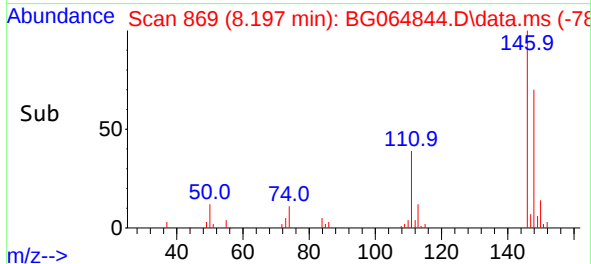
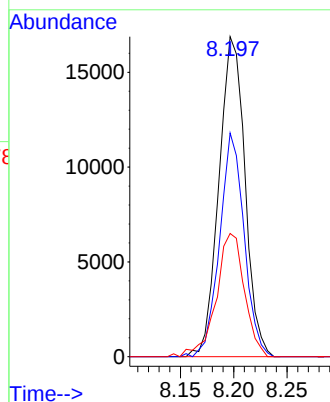
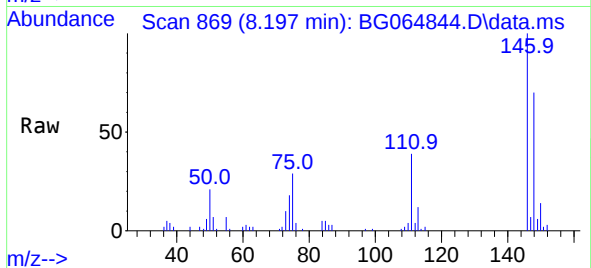




#13
1,4-Dichlorobenzene
Concen: 8.224 ng
RT: 8.197 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

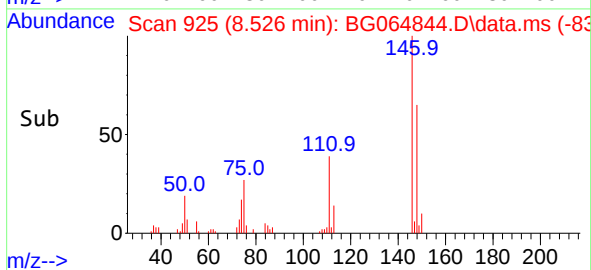
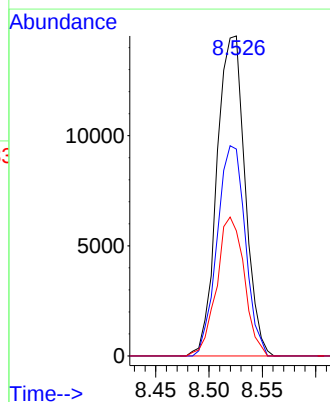
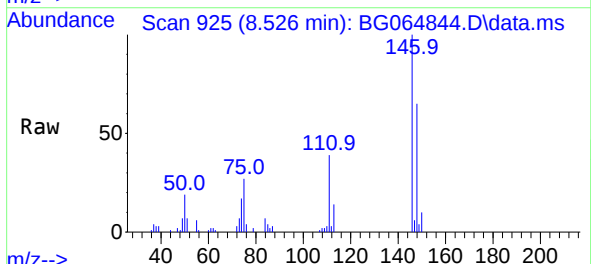
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

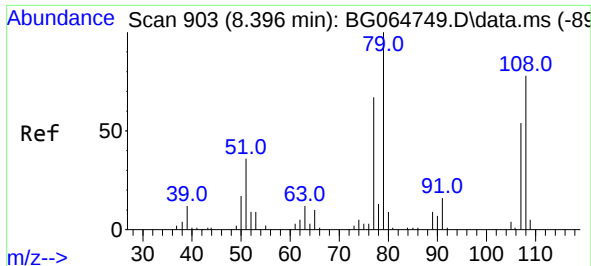
Tgt Ion:146 Resp: 28641
Ion Ratio Lower Upper
146 100
148 69.9 53.1 79.7
111 38.5 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 7.874 ng
RT: 8.526 min Scan# 925
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:146 Resp: 26589
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 39.1 34.7 52.1

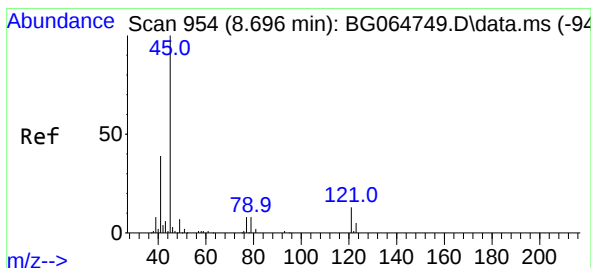
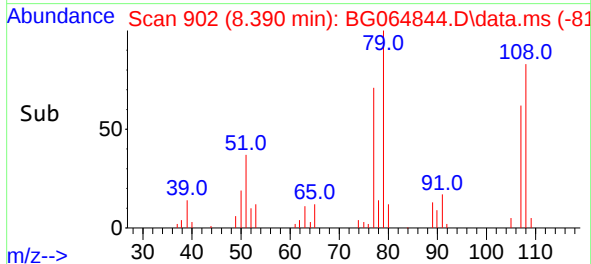
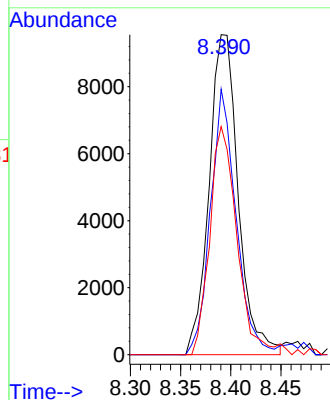
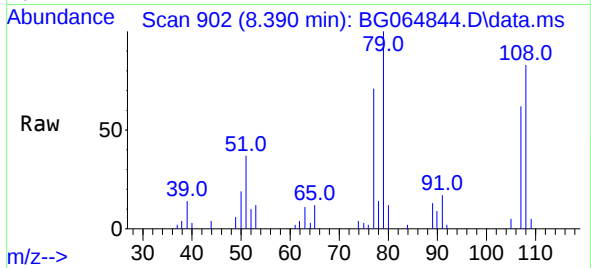




#15
Benzyl Alcohol
Concen: 6.535 ng
RT: 8.390 min Scan# 90
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

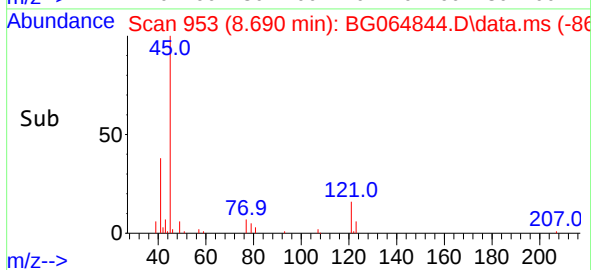
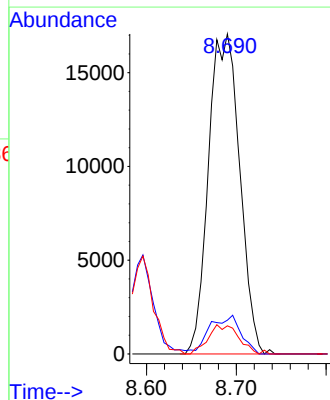
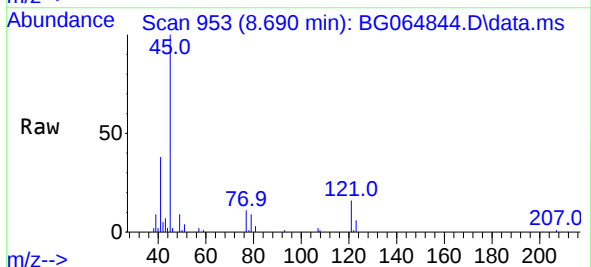
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

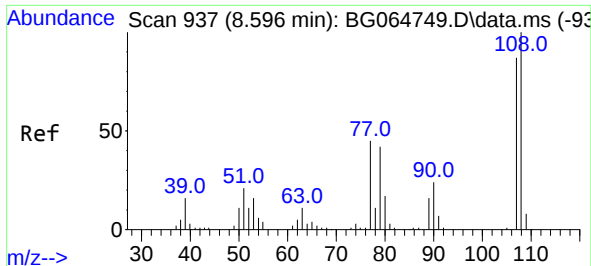
Tgt Ion: 79 Resp: 19312
Ion Ratio Lower Upper
79 100
108 83.0 62.3 93.5
77 71.3 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.233 ng
RT: 8.690 min Scan# 953
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 45 Resp: 41125
Ion Ratio Lower Upper
45 100
77 10.6 0.0 28.8
79 8.8 0.0 28.1

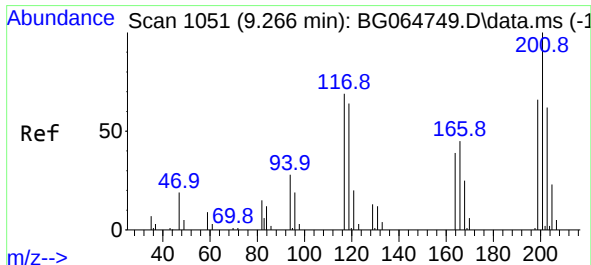
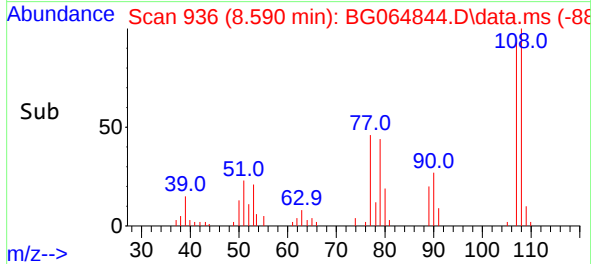
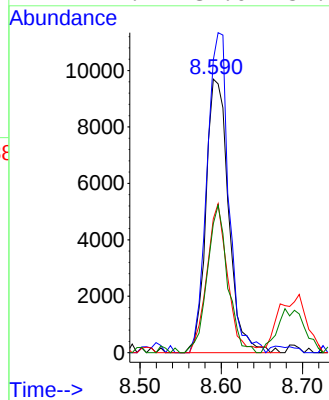
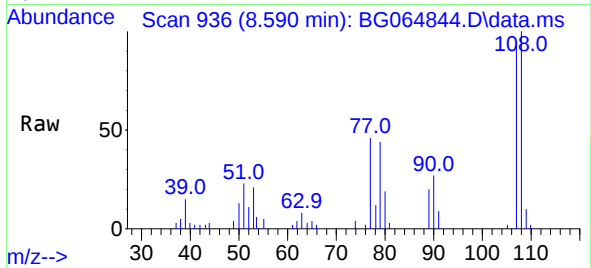




#17
2-Methylphenol
Concen: 6.787 ng
RT: 8.590 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

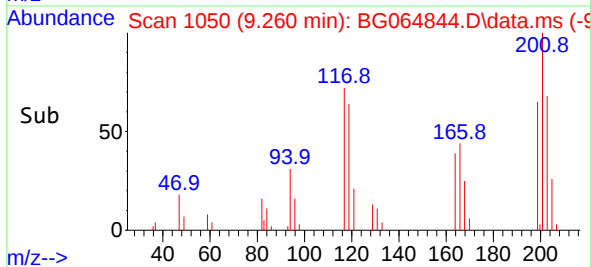
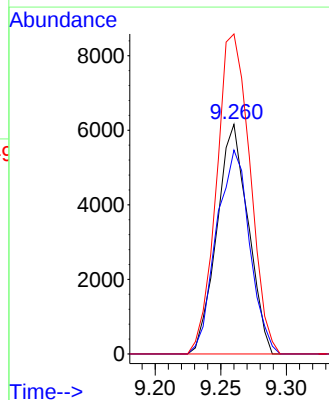
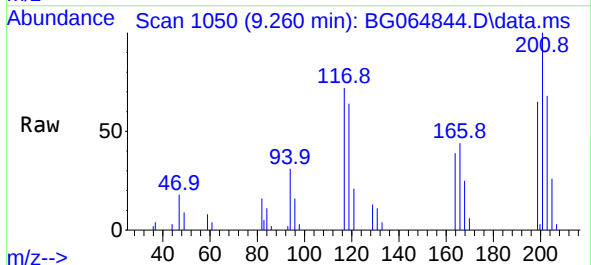
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

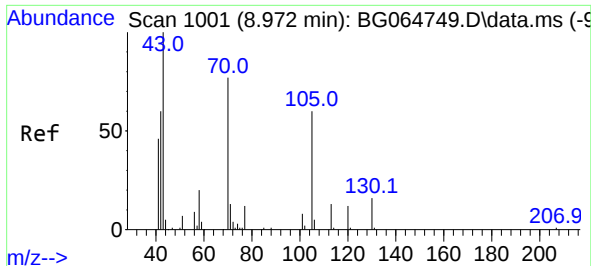
Tgt Ion:	107	Resp:	18812
Ion	Ratio	Lower	Upper
107	100		
108	107.0	92.6	138.8
77	48.9	41.2	61.8
79	47.1	39.6	59.4



#18
Hexachloroethane
Concen: 7.735 ng
RT: 9.260 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	117	Resp:	10203
Ion	Ratio	Lower	Upper
117	100		
119	88.8	74.4	111.6
201	139.4	116.5	174.7



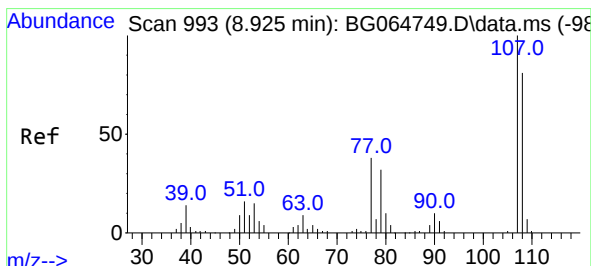
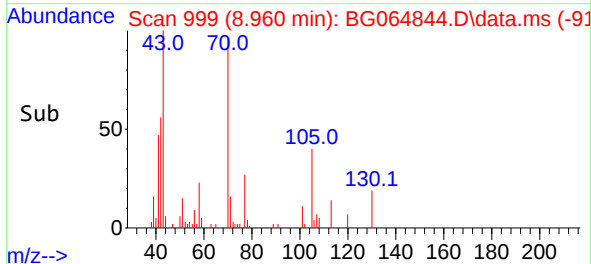
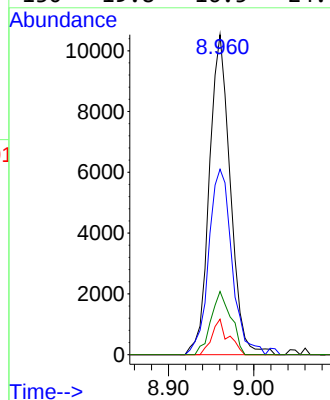
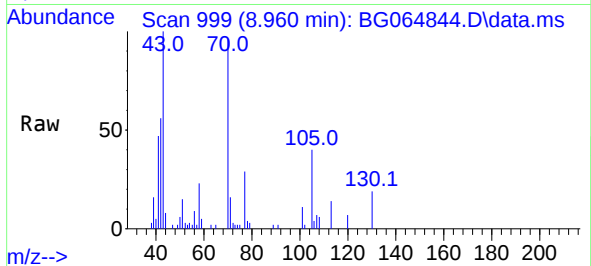


#19
n-Nitroso-di-n-propylamine
Concen: 7.386 ng
RT: 8.960 min Scan# 91
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion: 70 Resp: 17980

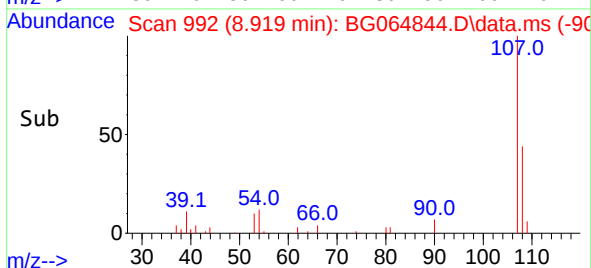
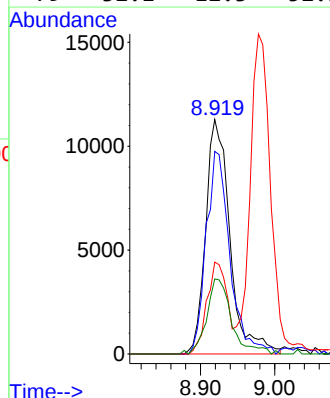
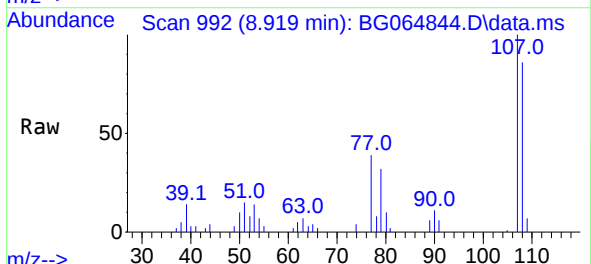
Ion	Ratio	Lower	Upper
70	100		
42	57.9	62.6	93.8#
101	11.1	8.0	12.0
130	19.8	16.5	24.7

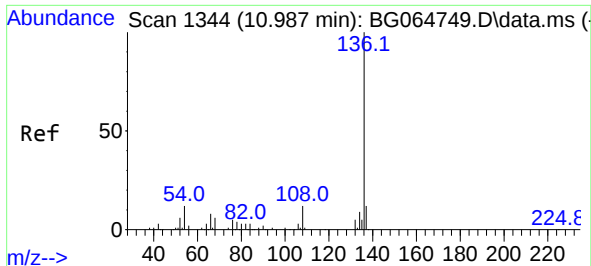


#20
3+4-Methylphenols
Concen: 6.769 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 107 Resp: 25701

Ion	Ratio	Lower	Upper
107	100		
108	86.4	61.0	101.0
77	39.2	17.6	57.6
79	32.1	12.3	52.3



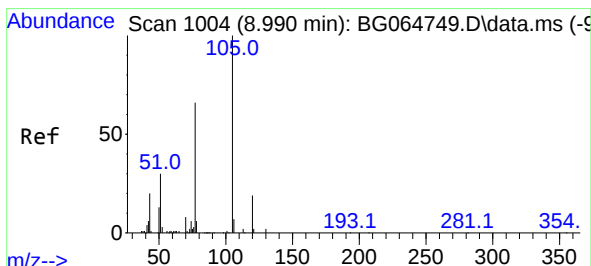
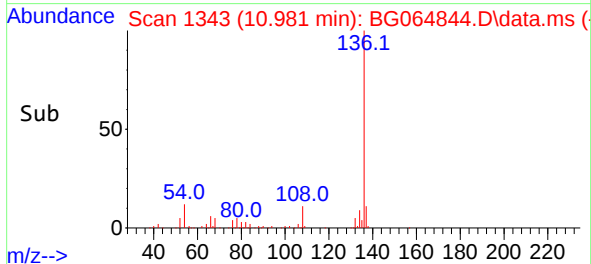
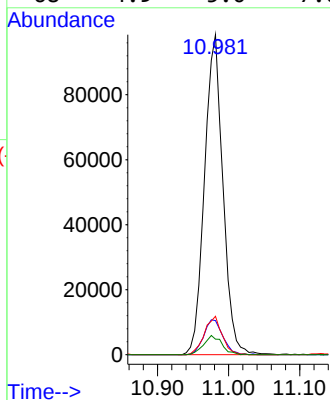
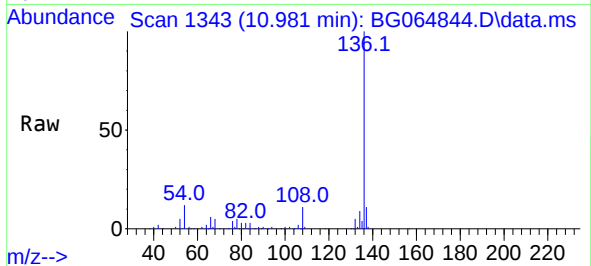


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:136 Resp: 177281

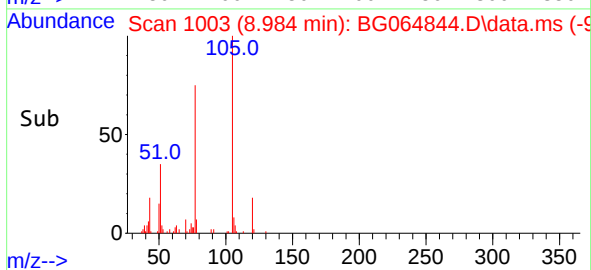
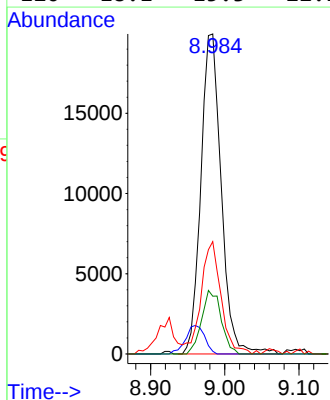
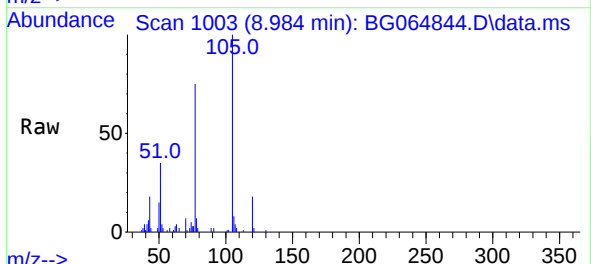
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.3	13.9
54	12.0	9.3	13.9
68	4.9	5.0	7.6#

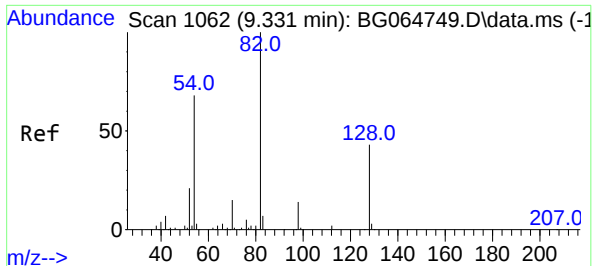


#22
Acetophenone
Concen: 7.881 ng
RT: 8.984 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:105 Resp: 38065

Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.3	1.9#
51	35.1	27.9	41.9
120	18.1	15.3	22.9

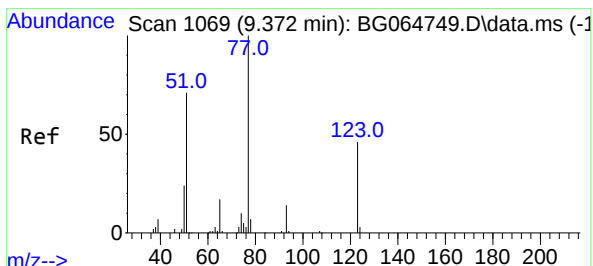
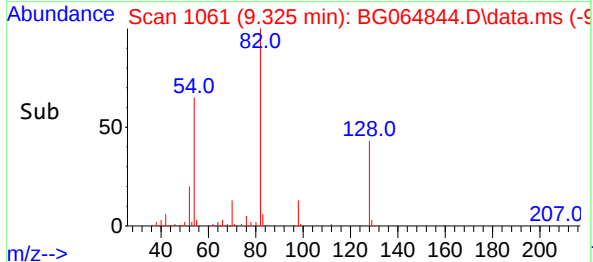
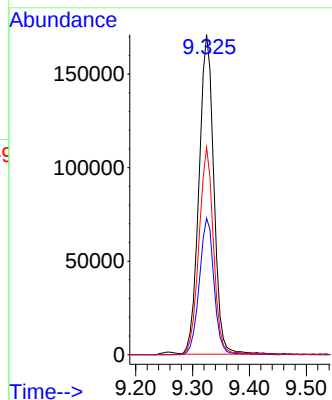
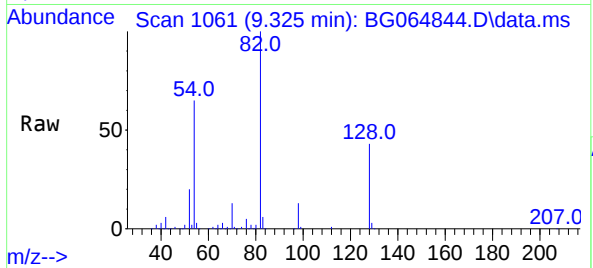




#23
Nitrobenzene-d5
Concen: 86.597 ng
RT: 9.325 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

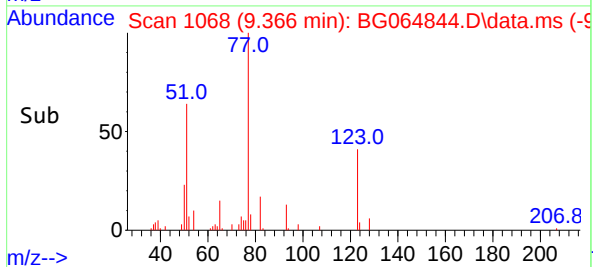
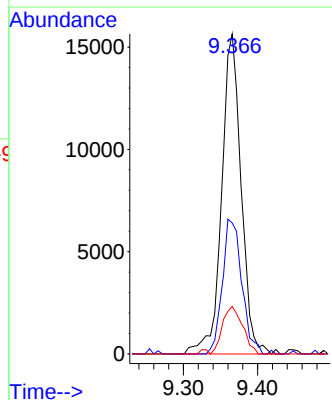
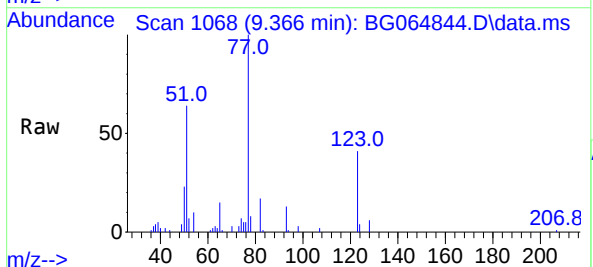
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

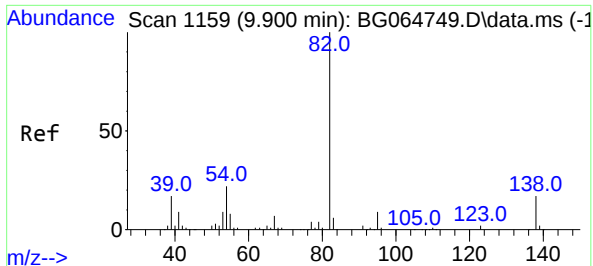
Tgt Ion: 82 Resp: 310499
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 64.8 54.3 81.5



#24
Nitrobenzene
Concen: 7.885 ng
RT: 9.366 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 77 Resp: 28568
Ion Ratio Lower Upper
77 100
123 40.9 36.5 54.7
65 14.9 13.5 20.3

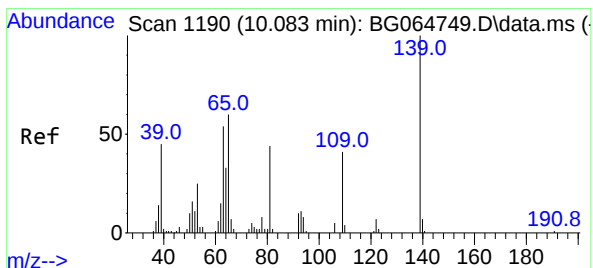
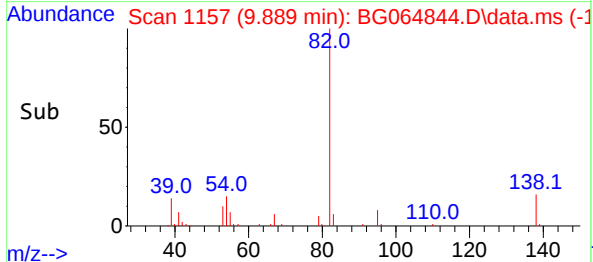
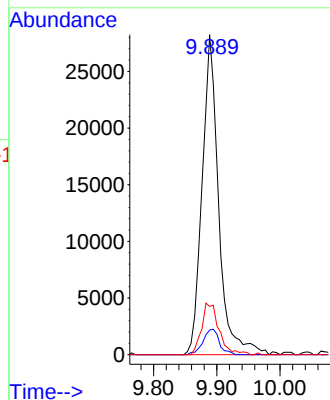
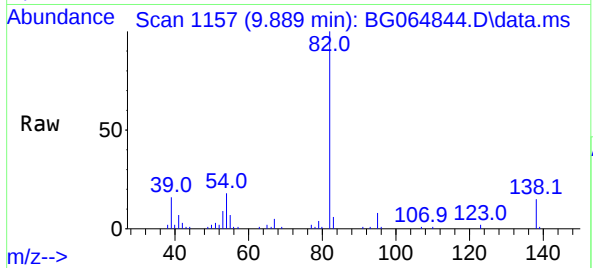




#25
Isophorone
Concen: 7.513 ng
RT: 9.889 min Scan# 1159
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

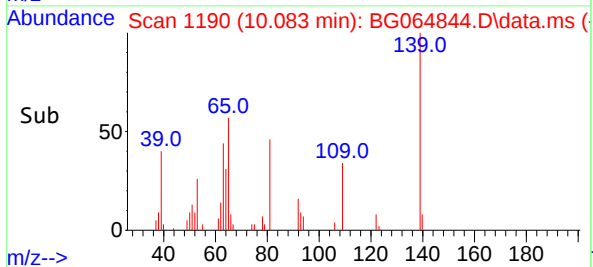
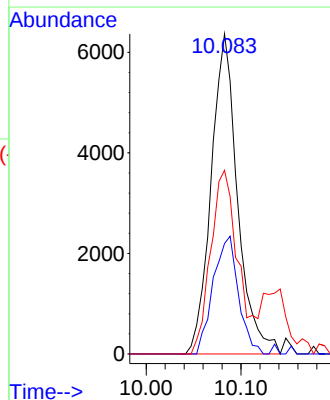
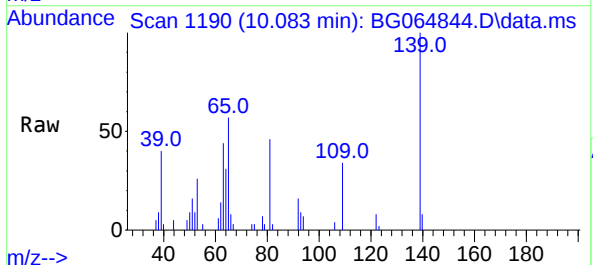
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

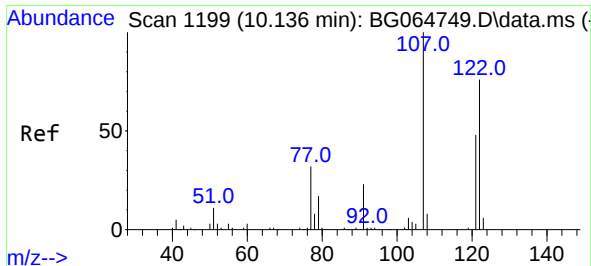
Tgt Ion:	82	Resp:	51296
Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.9	10.3
138	15.1	13.9	20.9



#26
2-Nitrophenol
Concen: 7.566 ng
RT: 10.083 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	139	Resp:	12330
Ion	Ratio	Lower	Upper
139	100		
109	34.5	32.5	48.7
65	57.4	47.6	71.4

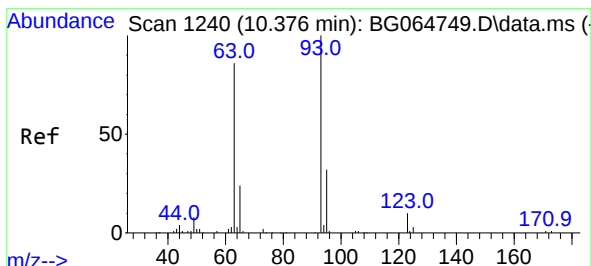
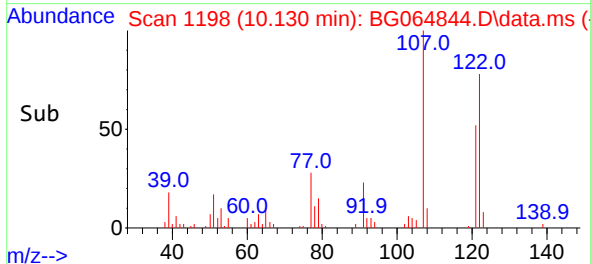
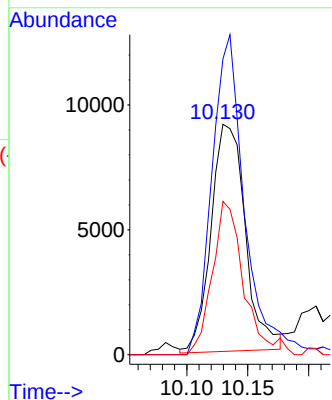
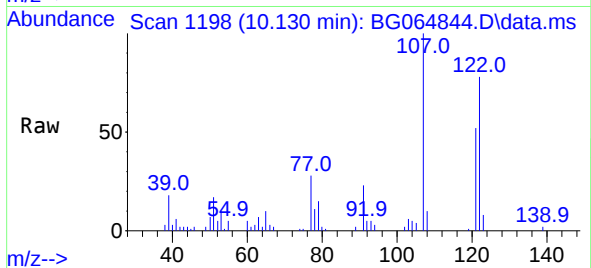




#27
2,4-Dimethylphenol
Concen: 6.152 ng
RT: 10.130 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

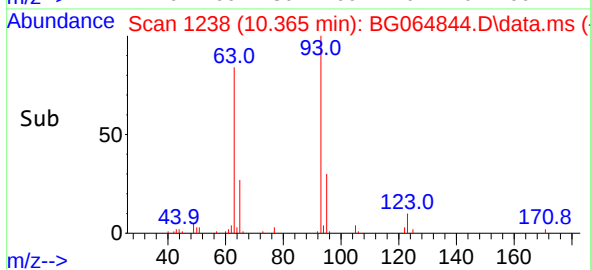
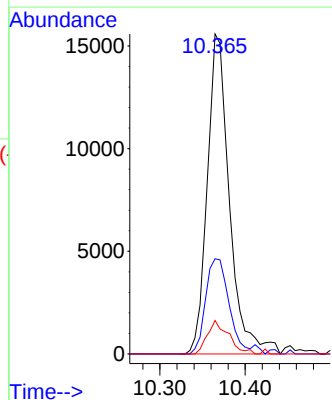
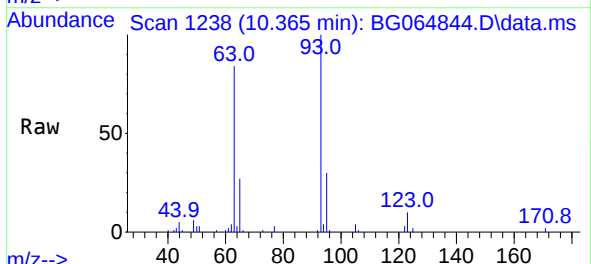
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

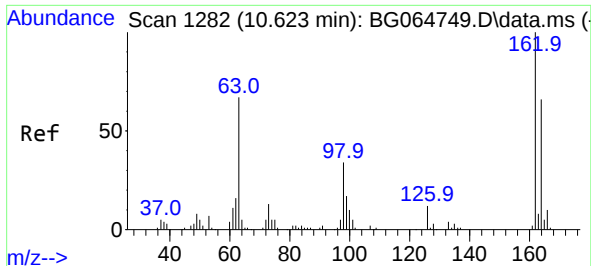
Tgt Ion:122 Resp: 17810
Ion Ratio Lower Upper
122 100
107 128.3 102.5 153.7
121 66.5 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 7.527 ng
RT: 10.365 min Scan# 1238
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion: 93 Resp: 28217
Ion Ratio Lower Upper
93 100
95 29.8 25.4 38.2
123 10.4 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 7.279 ng

RT: 10.623 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064844.D

Acq: 21 Nov 2025 15:14

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025

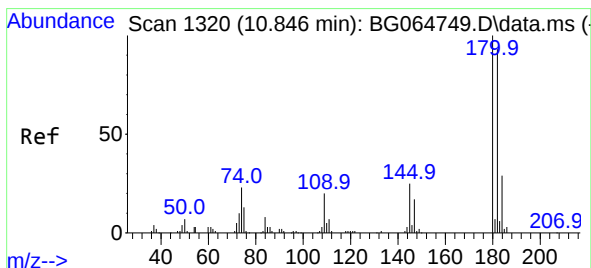
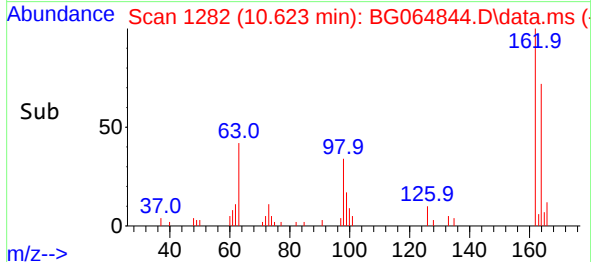
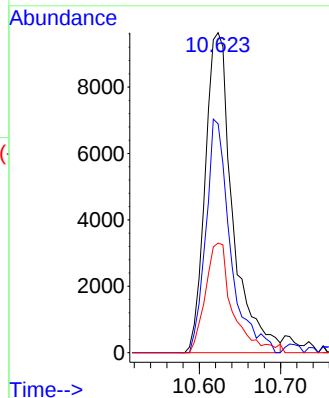
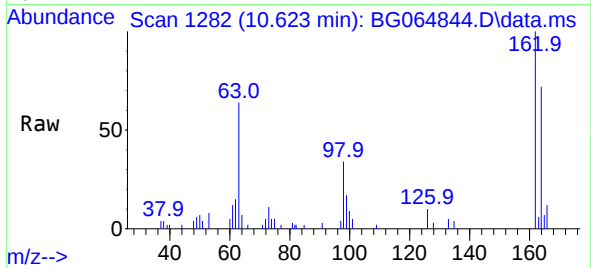
Tgt Ion:162 Resp: 22625

Ion Ratio Lower Upper

162 100

164 71.5 46.0 86.0

98 34.3 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 8.297 ng

RT: 10.840 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BG064844.D

Acq: 21 Nov 2025 15:14

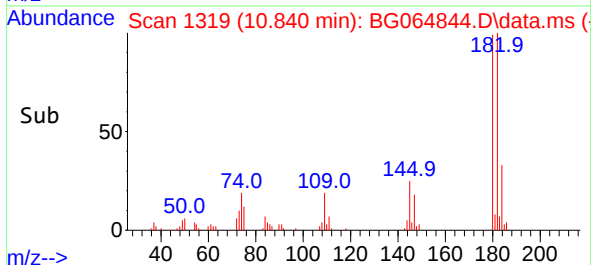
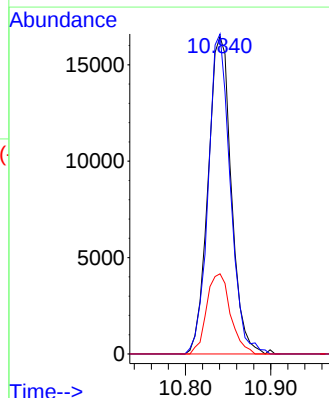
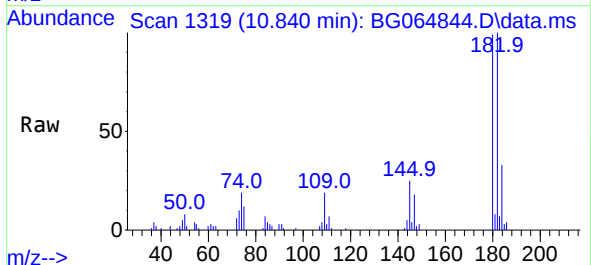
Tgt Ion:180 Resp: 31140

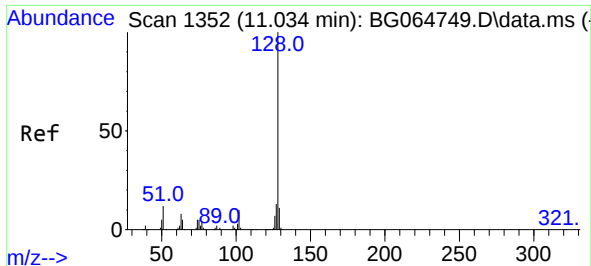
Ion Ratio Lower Upper

180 100

182 100.9 74.2 111.4

145 25.3 20.0 30.0

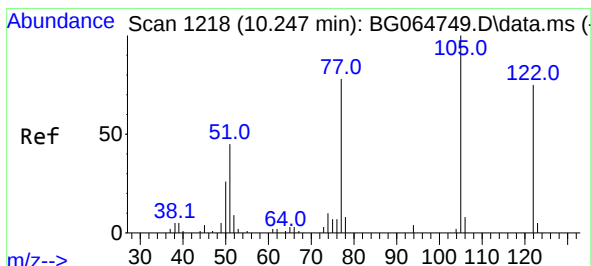
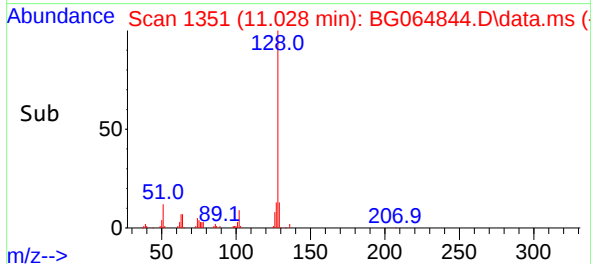
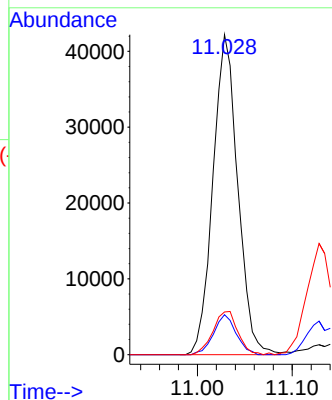
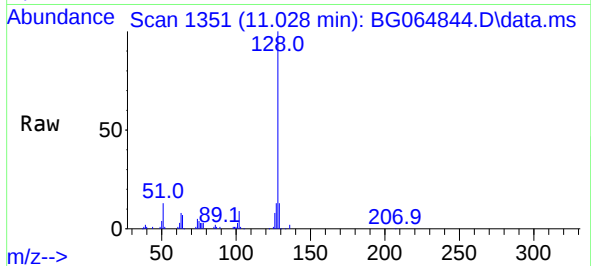




#31
Naphthalene
Concen: 7.631 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

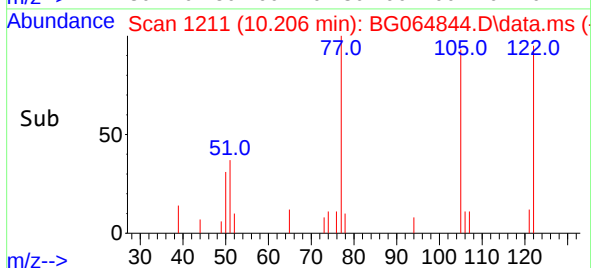
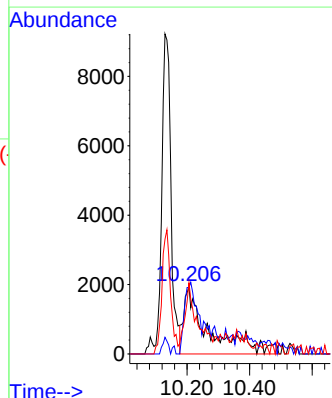
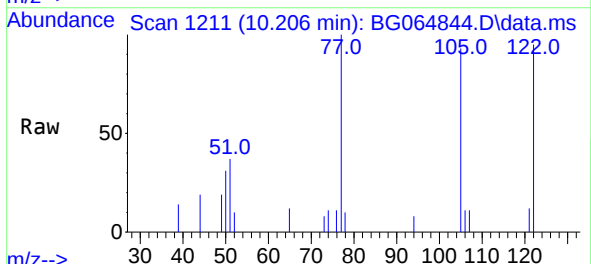
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

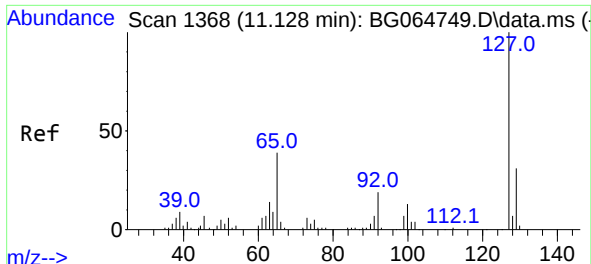
Tgt Ion:128 Resp: 76691
Ion Ratio Lower Upper
128 100
129 12.5 8.6 12.8
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 10.547 ng m
RT: 10.206 min Scan# 1211
Delta R.T. -0.041 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:122 Resp: 10863
Ion Ratio Lower Upper
122 100
105 98.4 107.6 147.6#
77 105.3 82.5 122.5

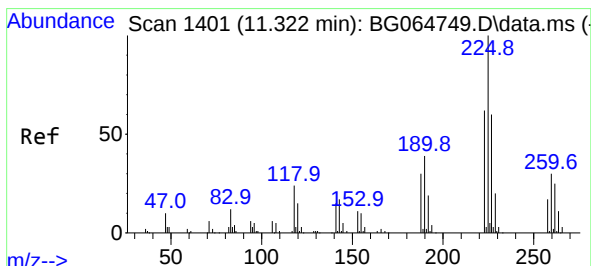
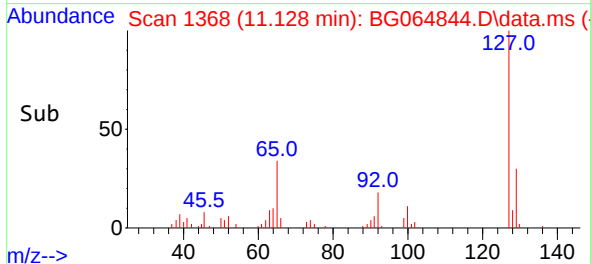
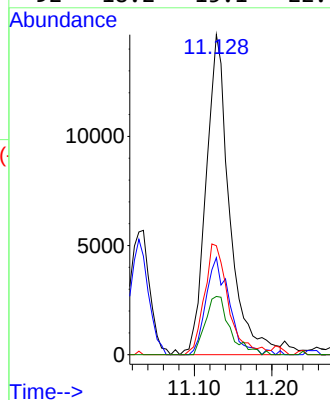
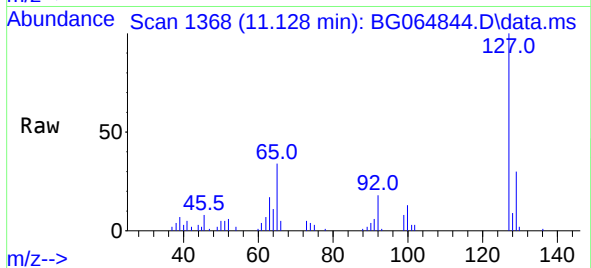




#33
4-Chloroaniline
Concen: 7.676 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

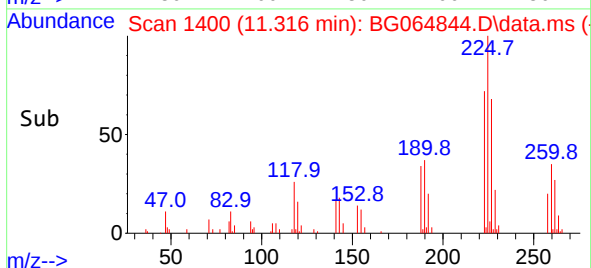
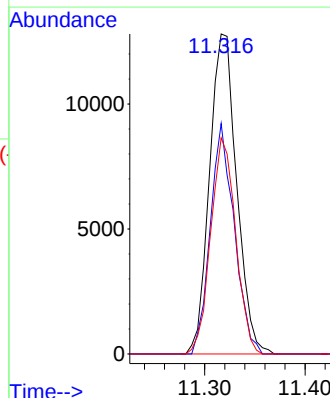
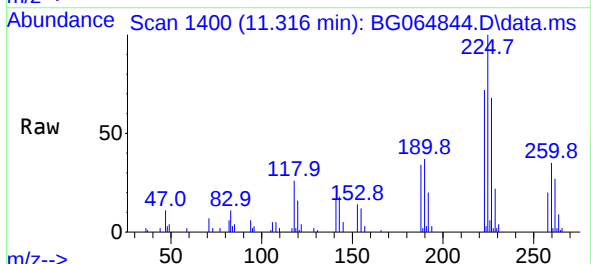
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

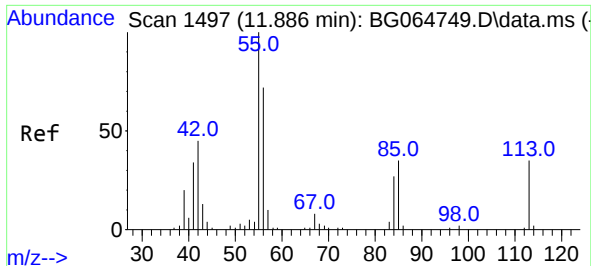
Tgt Ion:	127	Resp:	30860
Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.9	37.3
65	34.0	30.9	46.3
92	18.2	15.1	22.7



#34
Hexachlorobutadiene
Concen: 7.456 ng
RT: 11.316 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	225	Resp:	24009
Ion	Ratio	Lower	Upper
225	100		
223	75.2	49.9	74.9#
227	69.8	50.6	75.8

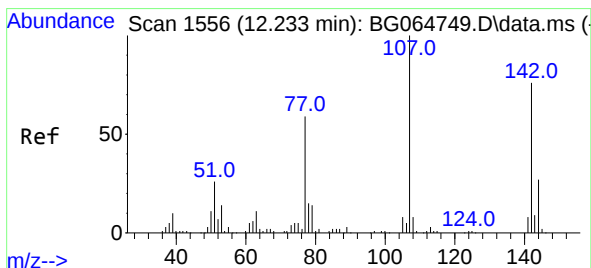
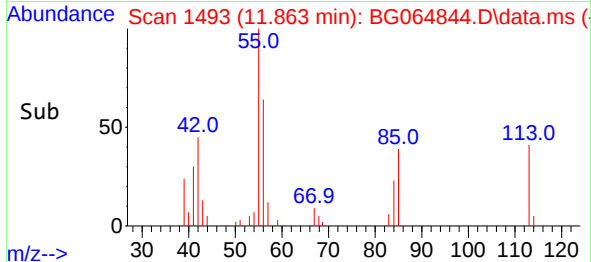
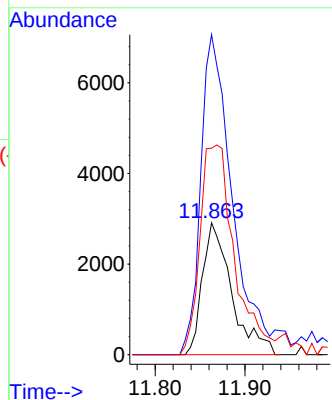
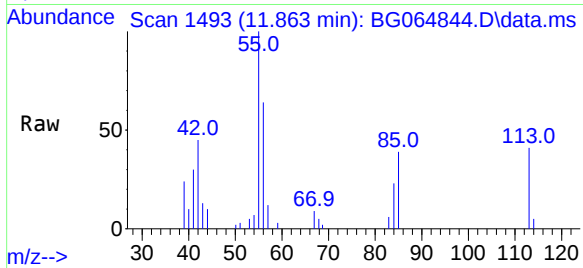




#35
Caprolactam
Concen: 7.069 ng
RT: 11.863 min Scan# 1497
Delta R.T. -0.024 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

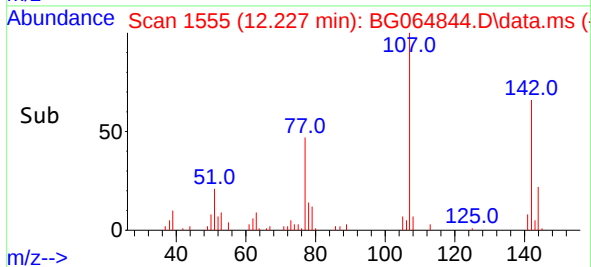
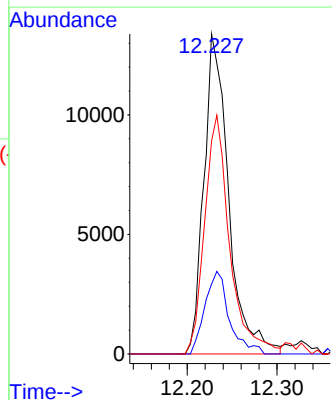
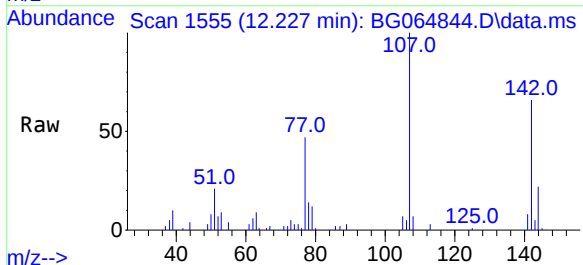
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

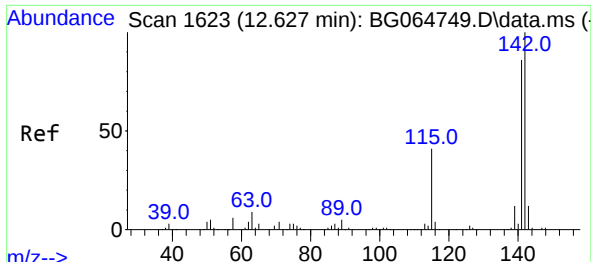
Tgt Ion:113 Resp: 6572
Ion Ratio Lower Upper
113 100
55 242.6 263.7 303.7#
56 156.4 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 7.401 ng
RT: 12.227 min Scan# 1555
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

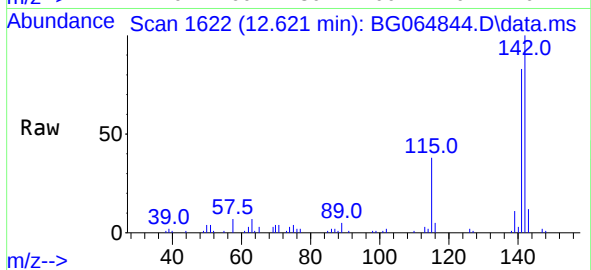
Tgt Ion:107 Resp: 25603
Ion Ratio Lower Upper
107 100
144 21.9 21.7 32.5
142 66.5 60.8 91.2



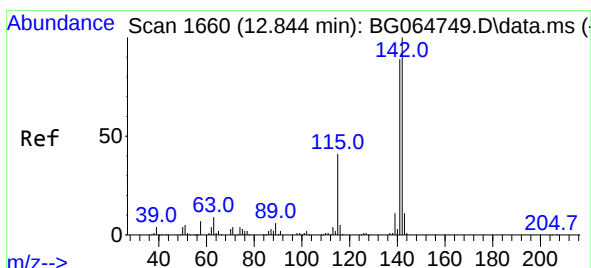
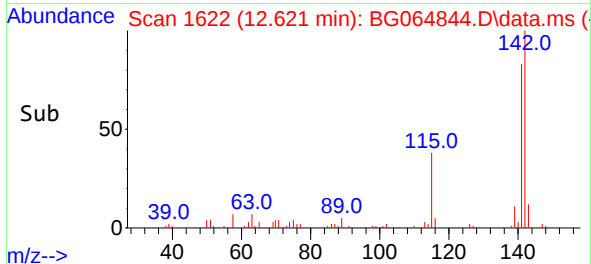
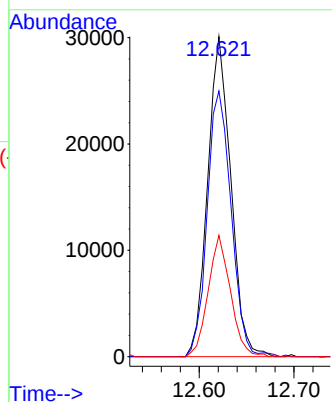


#37
2-Methylnaphthalene
Concen: 6.802 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

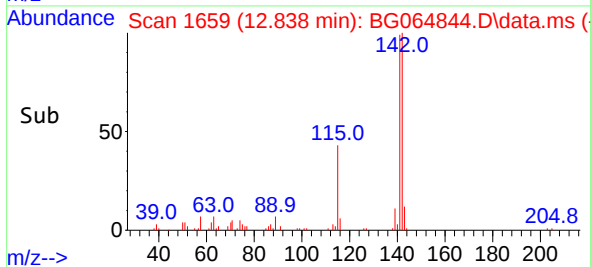
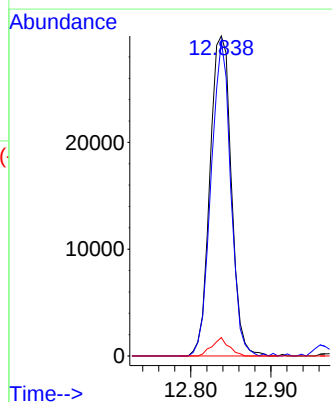
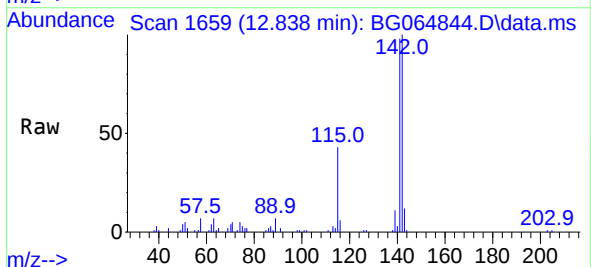


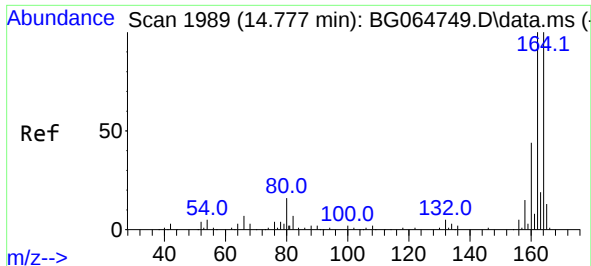
Tgt Ion:142 Resp: 51154
Ion Ratio Lower Upper
142 100
141 83.0 69.1 103.7
115 37.9 32.9 49.3



#38
1-Methylnaphthalene
Concen: 7.400 ng m
RT: 12.838 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

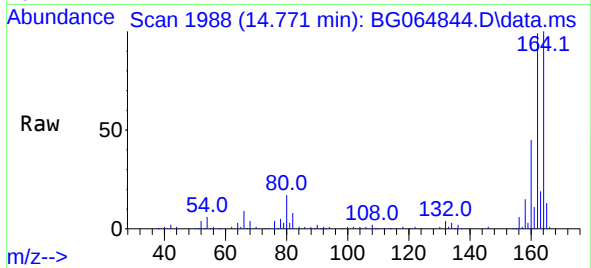
Tgt Ion:142 Resp: 55283
Ion Ratio Lower Upper
142 100
141 98.5 70.8 106.2
116 5.7 3.7 5.5#



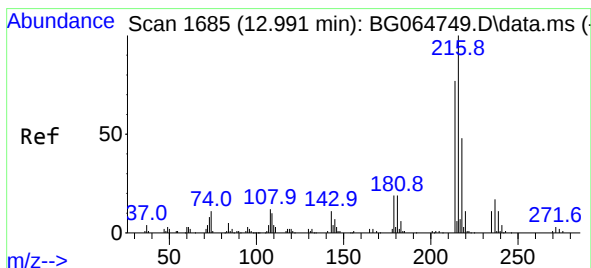
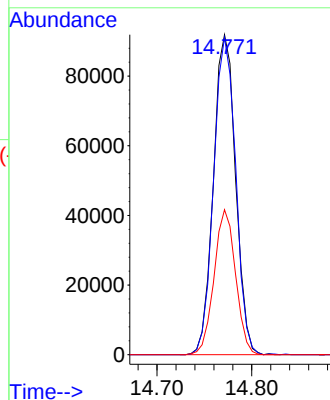
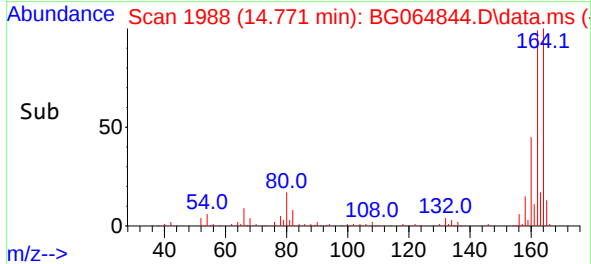


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.771 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

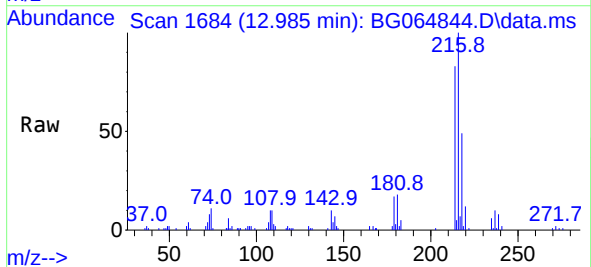
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025



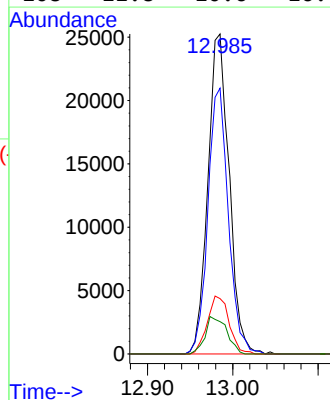
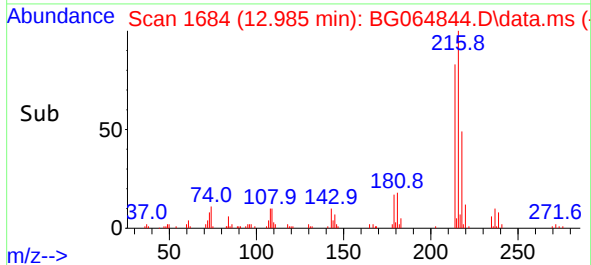
Tgt Ion:164 Resp: 149266
Ion Ratio Lower Upper
164 100
162 99.1 79.8 119.6
160 45.3 34.9 52.3

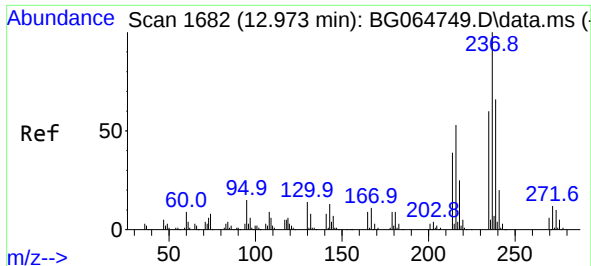


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.534 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14



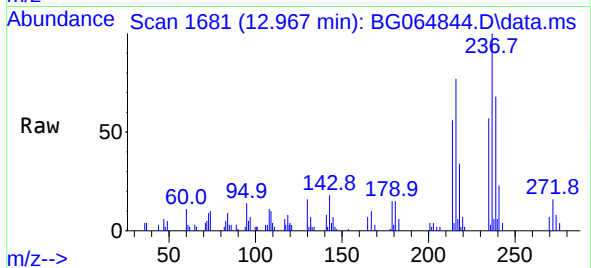
Tgt Ion:216 Resp: 43764
Ion Ratio Lower Upper
216 100
214 80.2 60.5 90.7
179 18.5 14.7 22.1
108 11.8 10.6 16.0



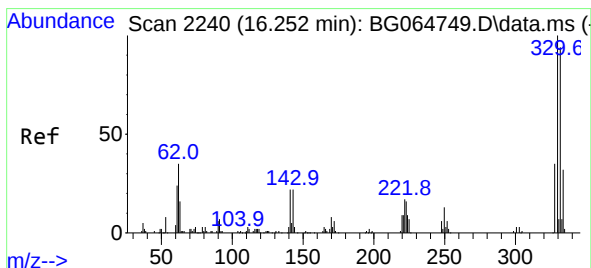
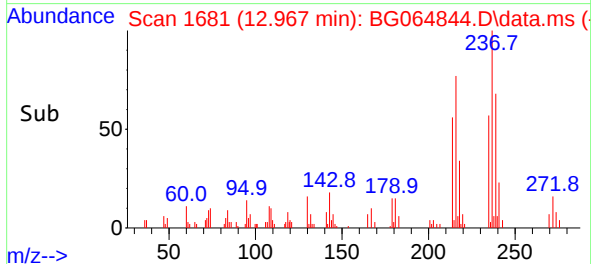
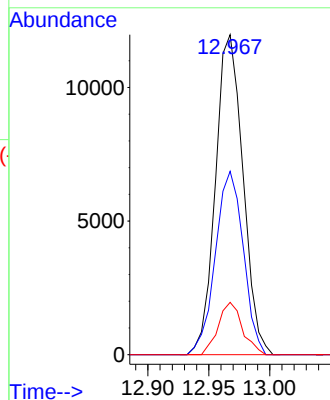


#41
Hexachlorocyclopentadiene
Concen: 4.514 ng
RT: 12.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

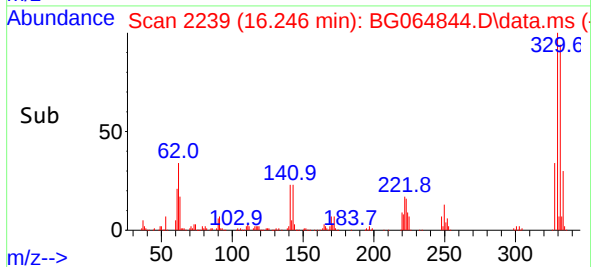
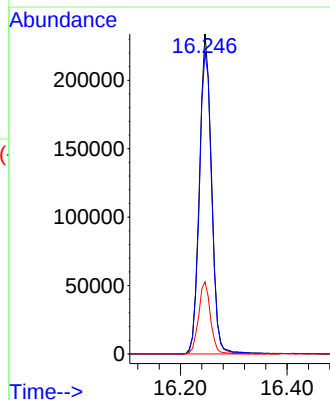
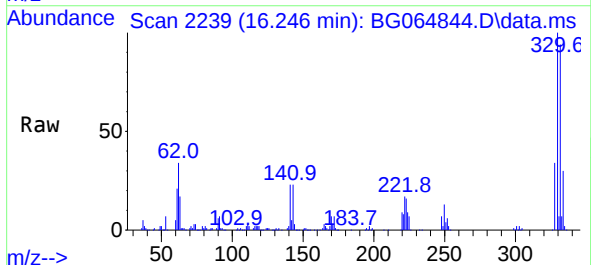


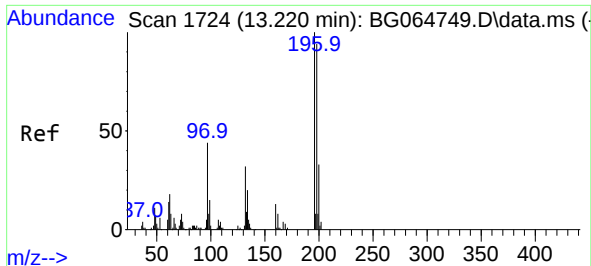
Tgt Ion:237 Resp: 18796
Ion Ratio Lower Upper
237 100
235 57.3 40.2 80.2
272 16.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 126.538 ng
RT: 16.246 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:330 Resp: 368372
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 22.0 18.2 27.2

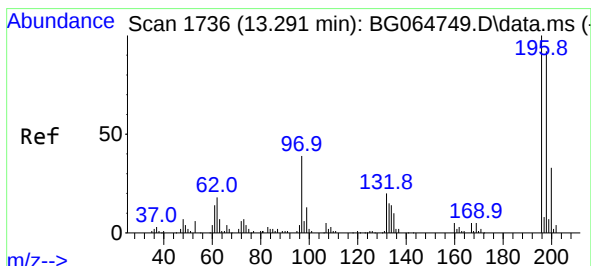
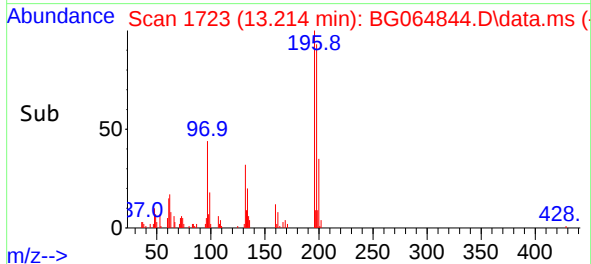
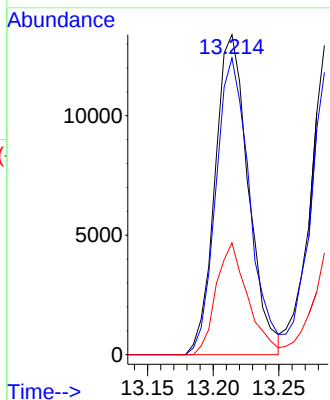
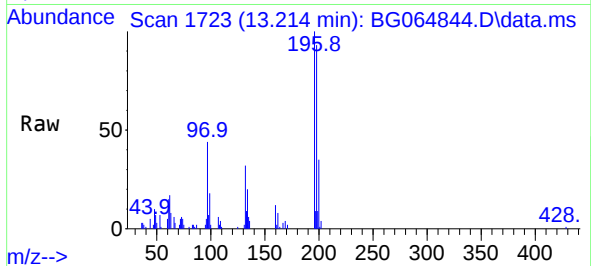




#43
2,4,6-Trichlorophenol
Concen: 6.953 ng
RT: 13.214 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

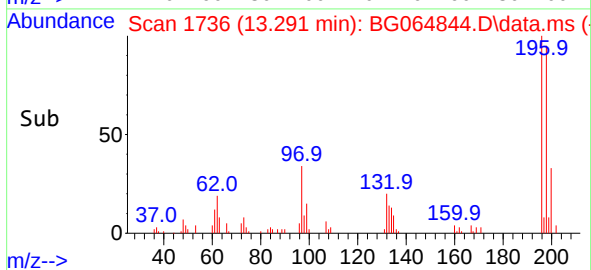
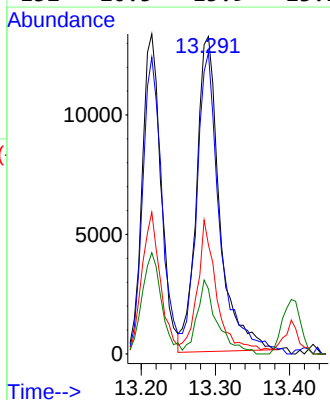
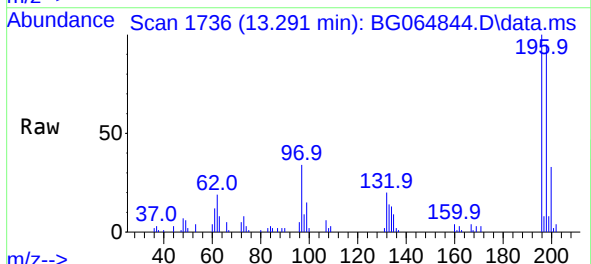
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

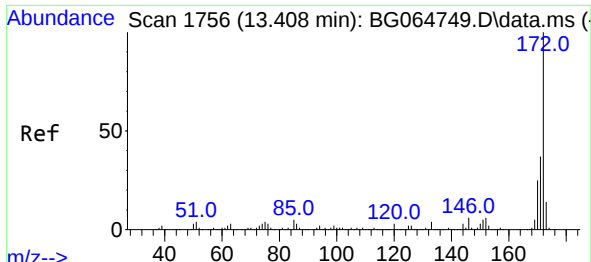
Tgt Ion:196 Resp: 23705
Ion Ratio Lower Upper
196 100
198 92.7 75.3 112.9
200 35.0 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 7.517 ng
RT: 13.291 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:196 Resp: 28745
Ion Ratio Lower Upper
196 100
198 94.9 73.2 109.8
97 34.3 31.4 47.0
132 20.5 15.9 23.9

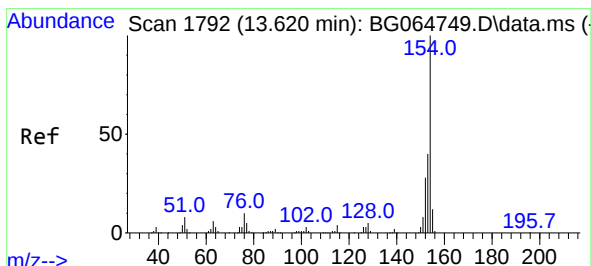
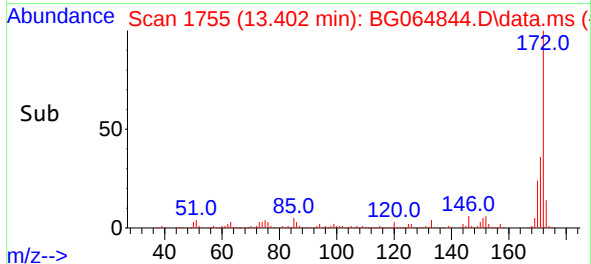
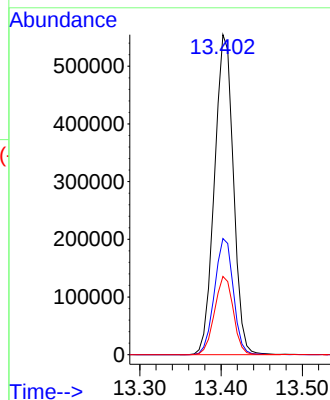
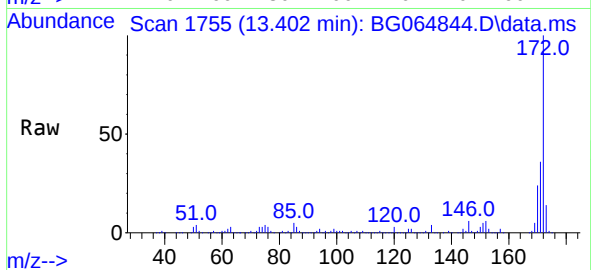




#45
2-Fluorobiphenyl
Concen: 83.940 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

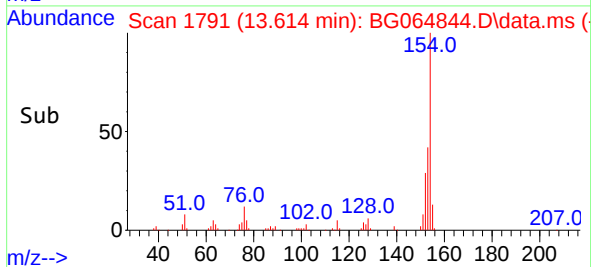
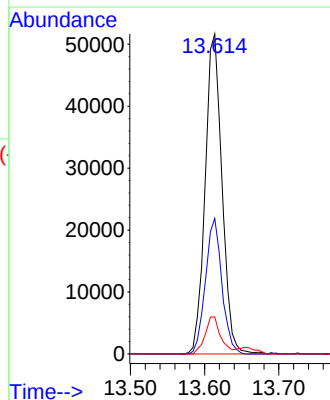
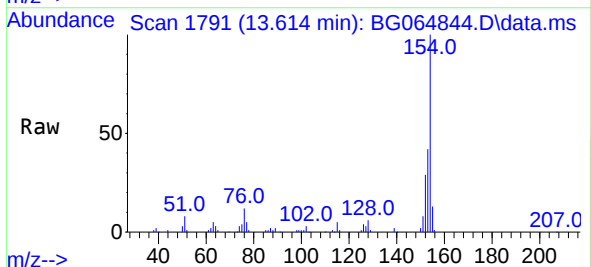
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

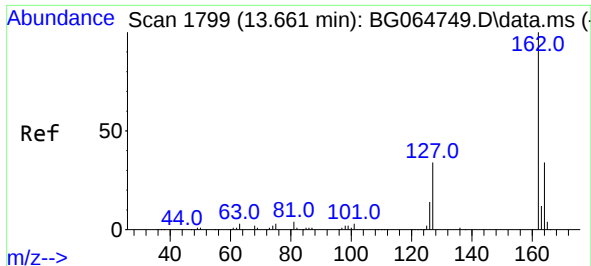
Tgt Ion:172 Resp: 897939
Ion Ratio Lower Upper
172 100
171 36.3 29.9 44.9
170 24.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 7.611 ng
RT: 13.614 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:154 Resp: 81591
Ion Ratio Lower Upper
154 100
153 42.3 19.8 59.8
76 11.6 0.0 30.0

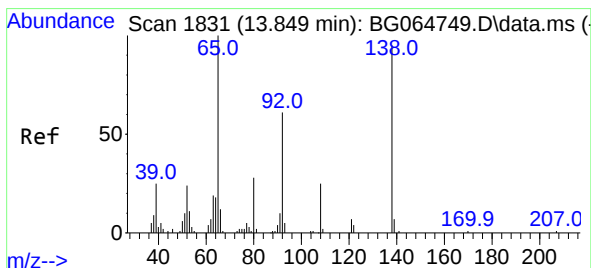
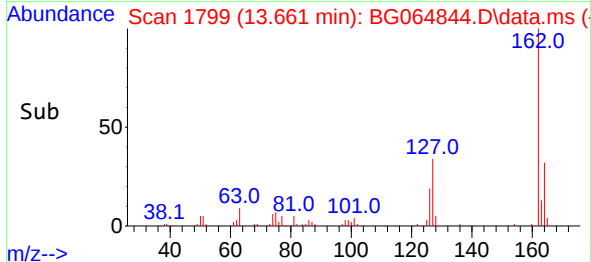
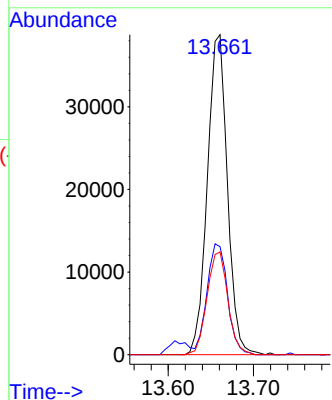
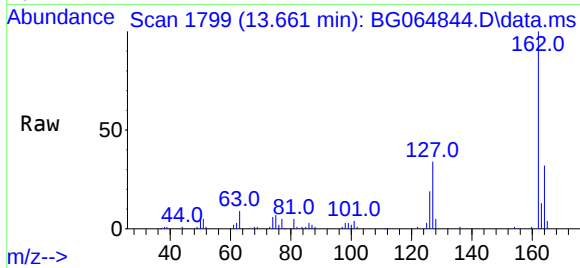




#47
2-Chloronaphthalene
Concen: 7.507 ng
RT: 13.661 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

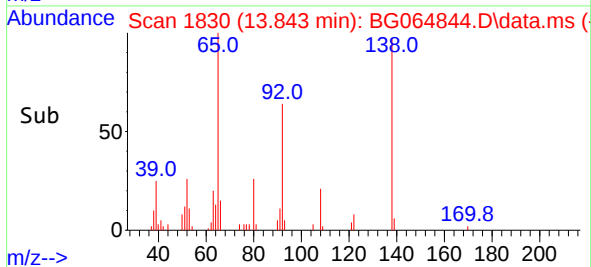
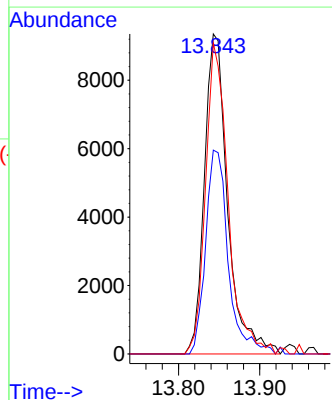
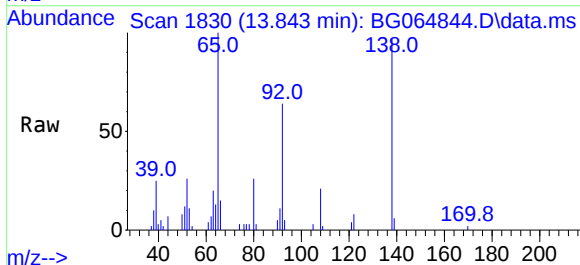
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

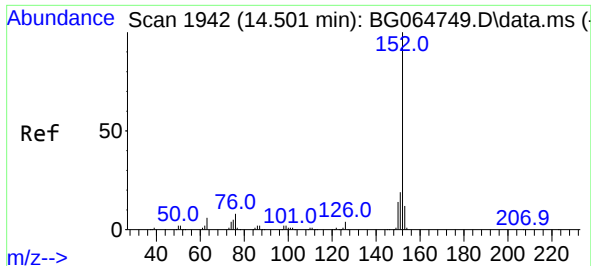
Tgt Ion:	162	Resp:	63402
Ion	Ratio	Lower	Upper
162	100		
127	33.8	30.3	45.5
164	32.1	26.8	40.2



#48
2-Nitroaniline
Concen: 6.837 ng
RT: 13.843 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	65	Resp:	18574
Ion	Ratio	Lower	Upper
65	100		
92	63.7	48.6	73.0
138	97.2	76.4	114.6

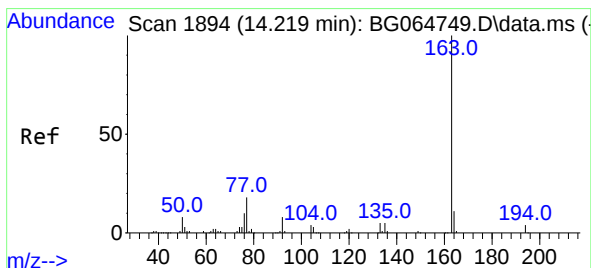
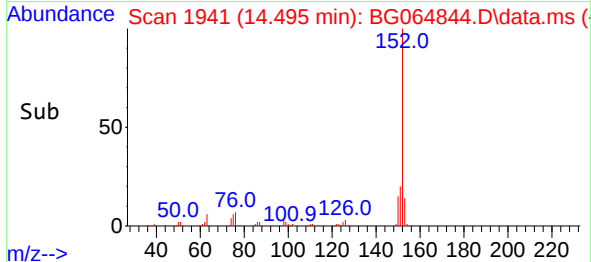
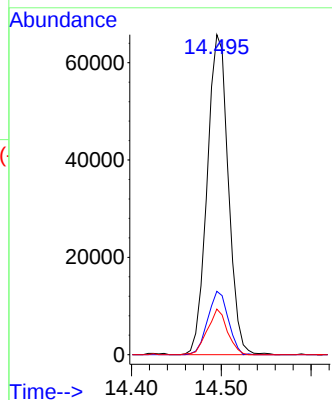
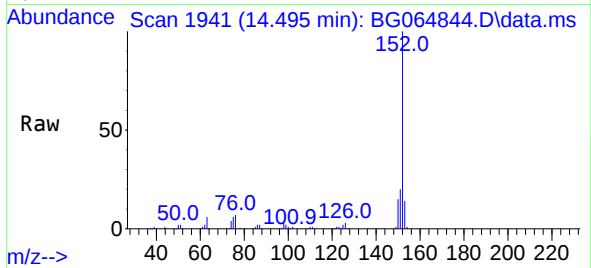




#49
Acenaphthylene
Concen: 7.439 ng
RT: 14.495 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

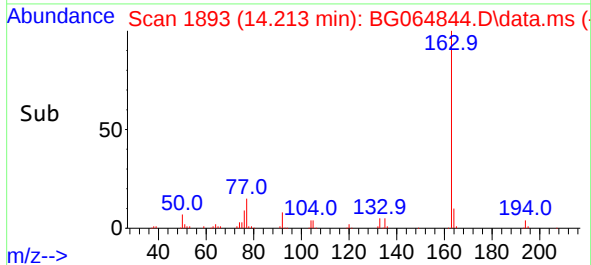
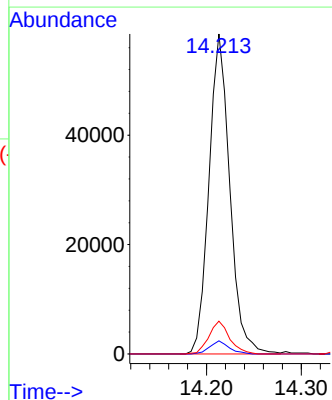
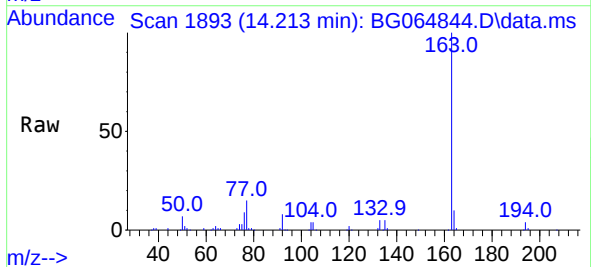
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

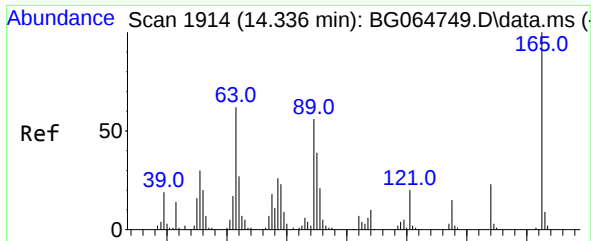
Tgt Ion:152 Resp: 107335
Ion Ratio Lower Upper
152 100
151 19.8 15.0 22.4
153 14.3 9.9 14.9



#50
Dimethylphthalate
Concen: 7.565 ng
RT: 14.213 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

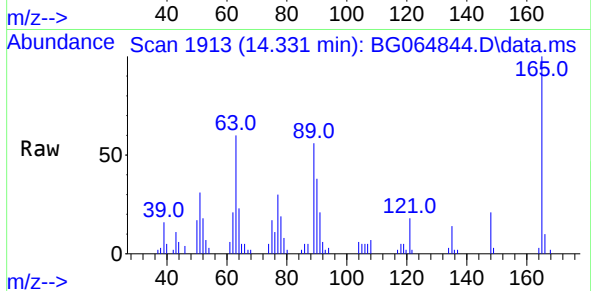
Tgt Ion:163 Resp: 89204
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.6 12.8



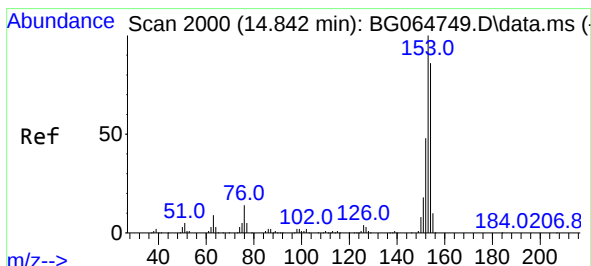
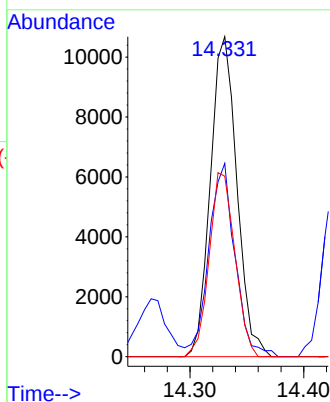
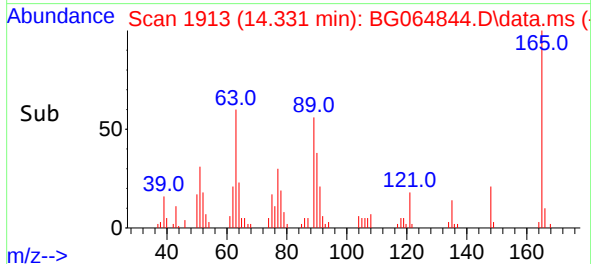


#51
2,6-Dinitrotoluene
Concen: 7.621 ng
RT: 14.331 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

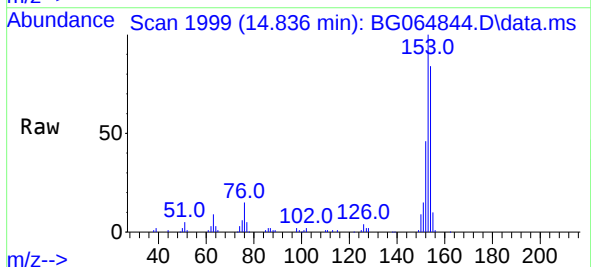
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025



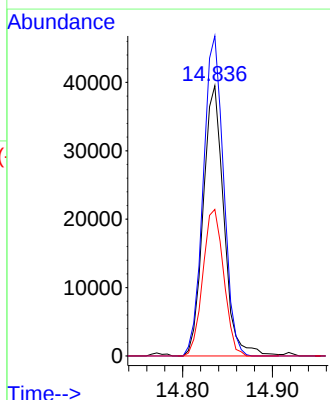
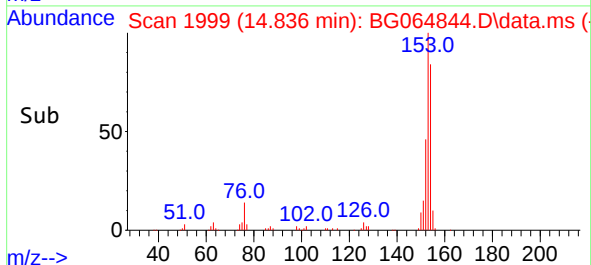
Tgt Ion:165 Resp: 17292
Ion Ratio Lower Upper
165 100
63 60.4 49.8 74.8
89 56.4 45.0 67.4

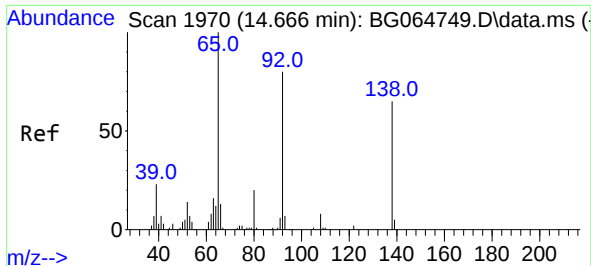


#52
Acenaphthene
Concen: 7.293 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14



Tgt Ion:154 Resp: 63097
Ion Ratio Lower Upper
154 100
153 118.4 93.0 139.4
152 54.2 44.4 66.6

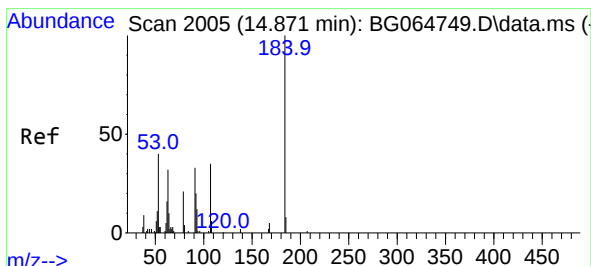
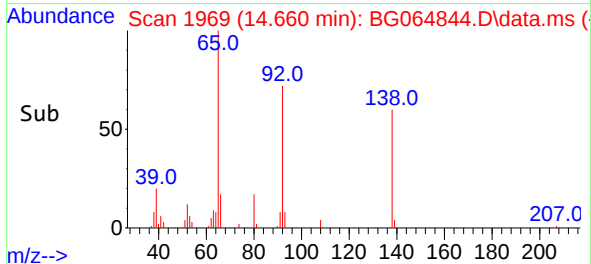
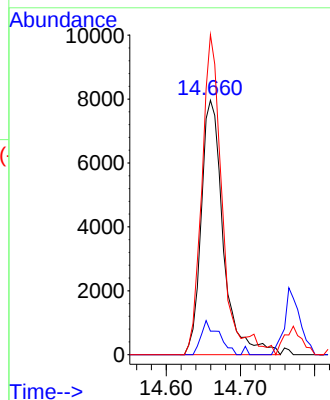
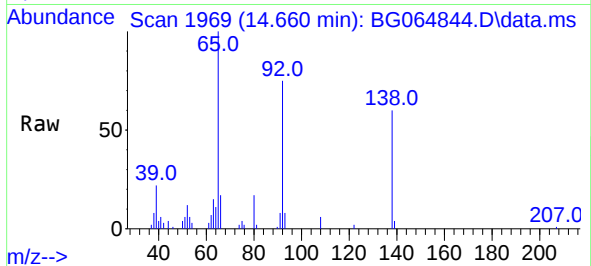




#53
3-Nitroaniline
Concen: 7.365 ng
RT: 14.660 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

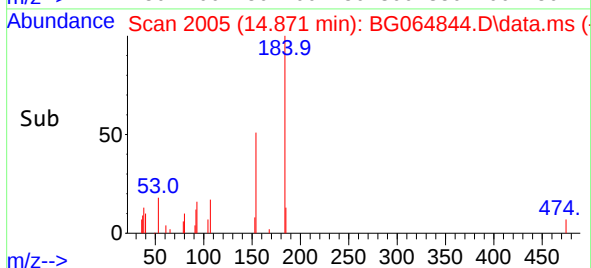
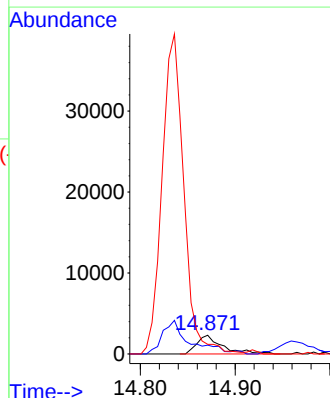
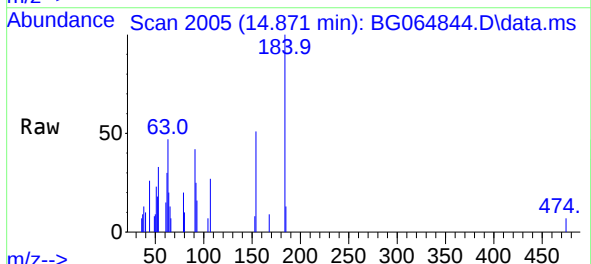
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

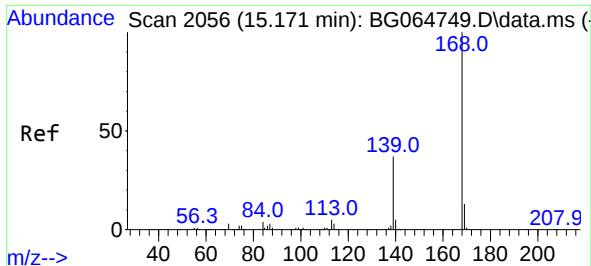
Tgt Ion:138 Resp: 16492
Ion Ratio Lower Upper
138 100
108 9.2 9.5 14.3#
92 125.8 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 11.072 ng
RT: 14.871 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:184 Resp: 4332
Ion Ratio Lower Upper
184 100
63 46.9 45.8 68.6
154 51.2 52.6 78.8#

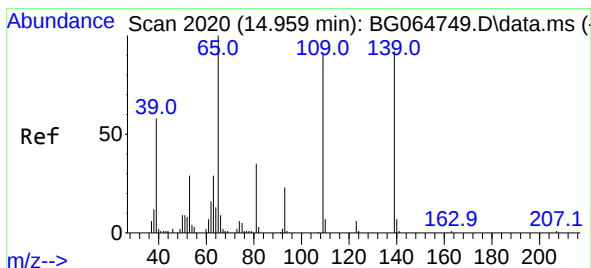
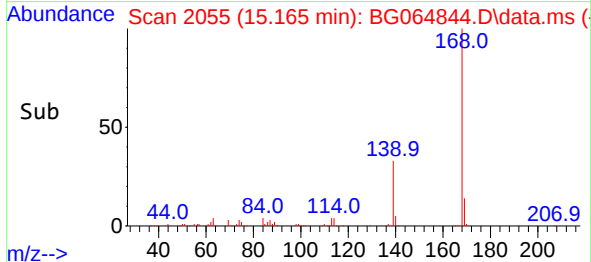
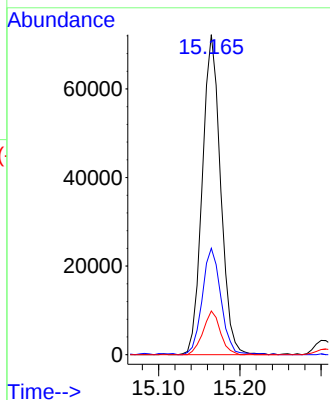
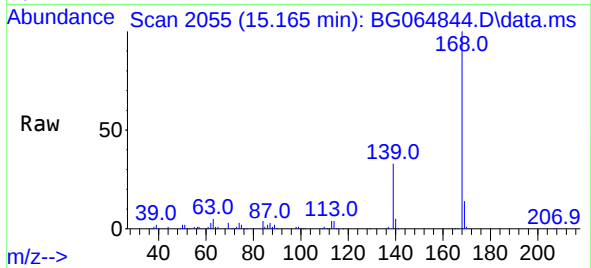




#55
Dibenzenofuran
Concen: 7.887 ng
RT: 15.165 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

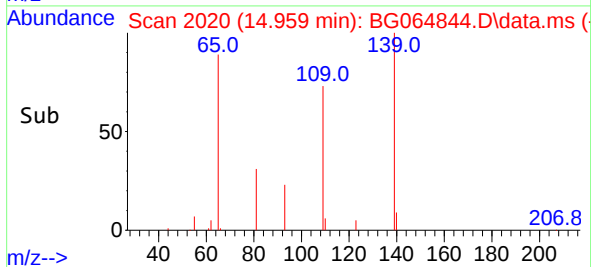
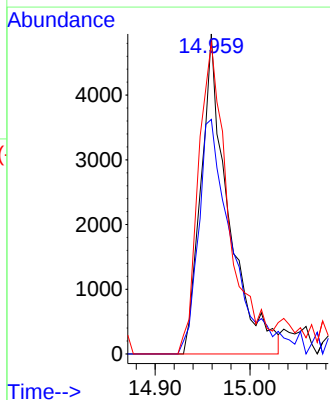
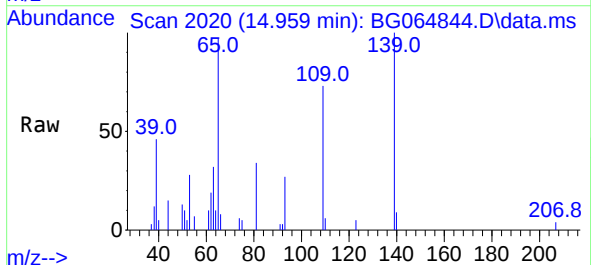
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

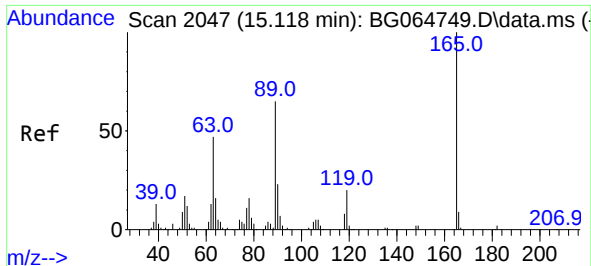
Tgt Ion:168 Resp: 112806
Ion Ratio Lower Upper
168 100
139 33.2 29.5 44.3
169 13.6 10.4 15.6



#56
4-Nitrophenol
Concen: 5.569 ng
RT: 14.959 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:139 Resp: 9895
Ion Ratio Lower Upper
139 100
109 73.3 79.7 119.7#
65 97.2 89.9 129.9

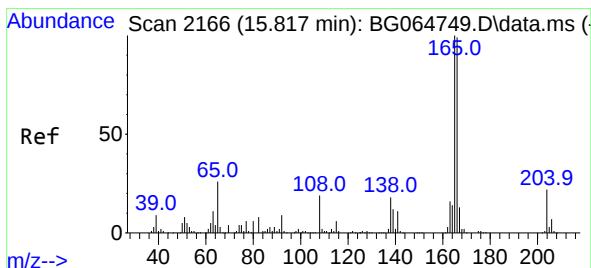
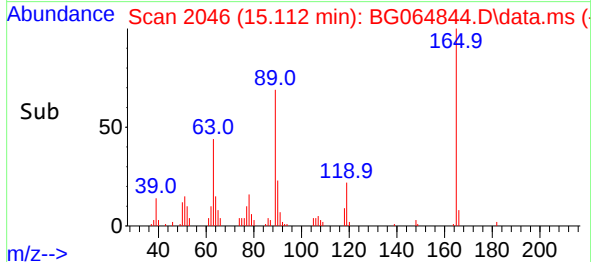
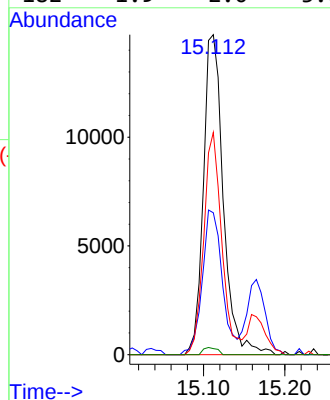
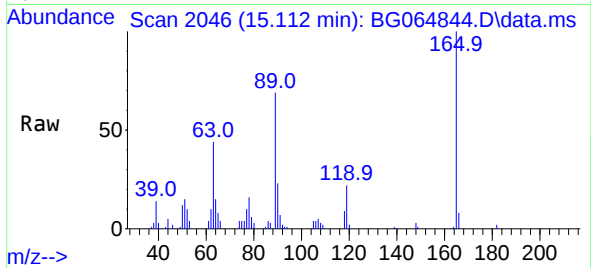




#57
2,4-Dinitrotoluene
Concen: 7.371 ng
RT: 15.112 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

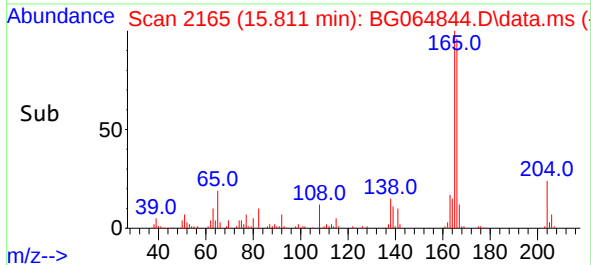
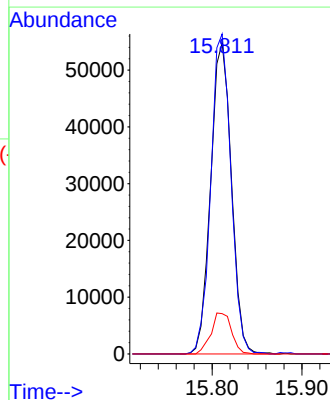
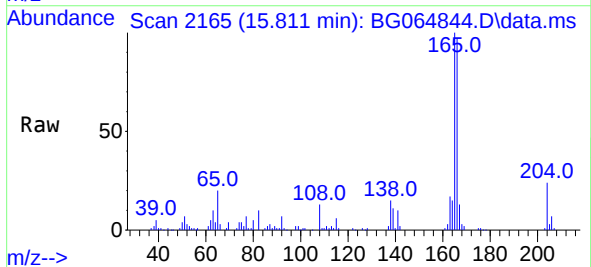
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

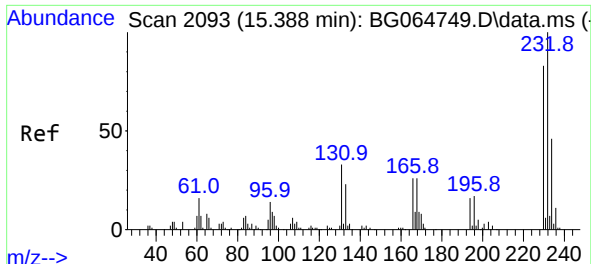
Tgt Ion:165 Resp: 25074
Ion Ratio Lower Upper
165 100
63 44.3 37.8 56.6
89 69.5 51.6 77.4
182 1.9 2.0 3.0#



#58
Fluorene
Concen: 7.828 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:166 Resp: 87815
Ion Ratio Lower Upper
166 100
165 102.8 80.5 120.7
167 13.0 10.3 15.5

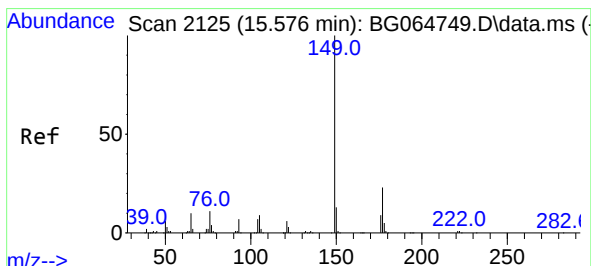
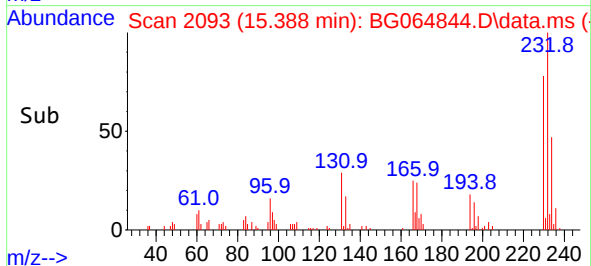
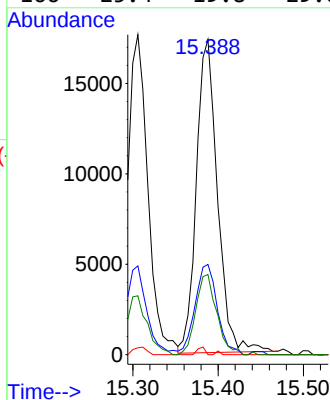
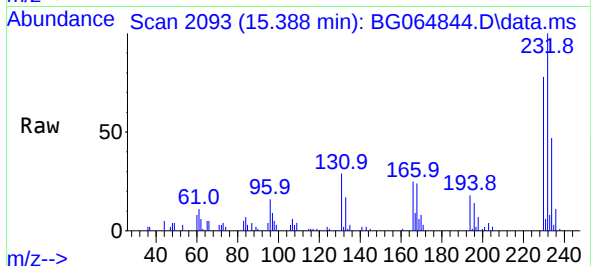




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.886 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

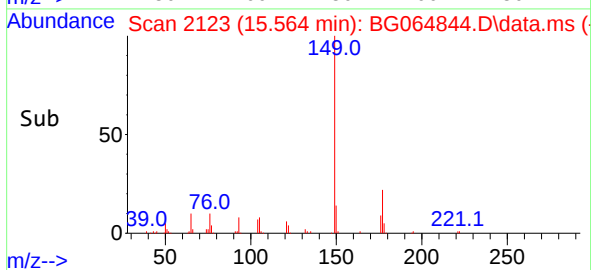
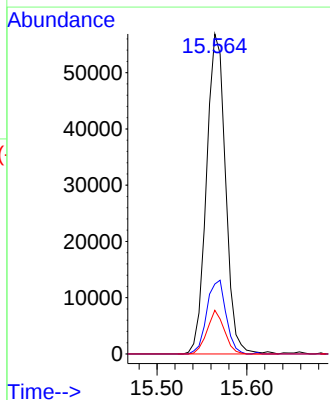
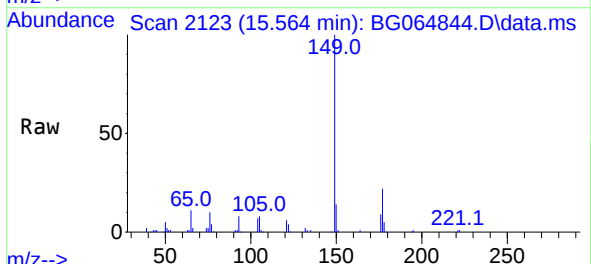
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

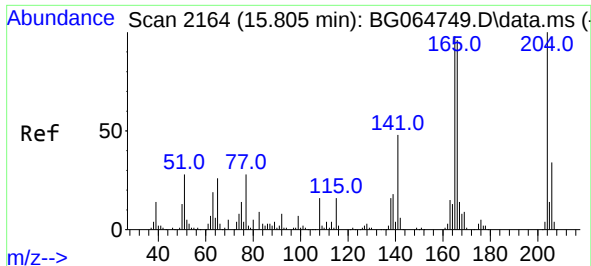
Tgt Ion:	232	Resp:	29753
Ion Ratio	Lower	Upper	
232	100		
131	30.3	26.0	39.0
130	0.9	1.6	2.4#
166	25.4	19.8	29.6



#60
Diethylphthalate
Concen: 7.419 ng
RT: 15.564 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	149	Resp:	83797
Ion Ratio	Lower	Upper	
149	100		
177	21.9	18.4	27.6
150	13.7	10.1	15.1

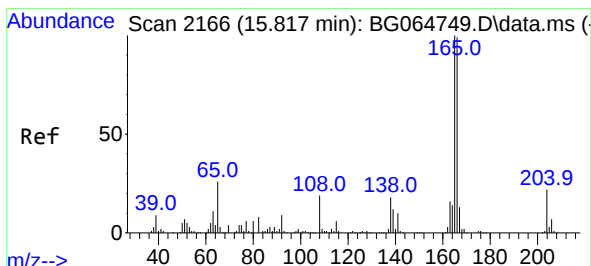
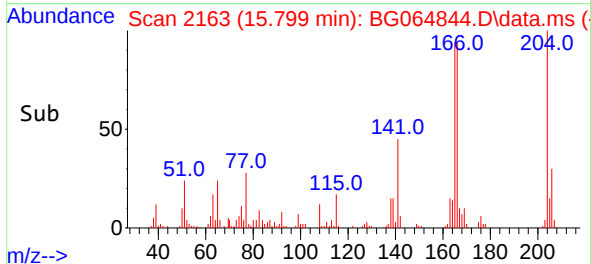
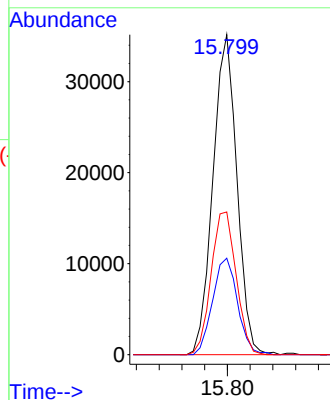
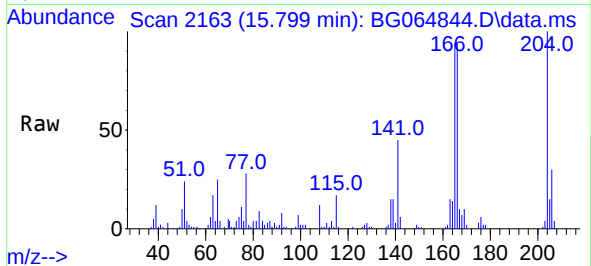




#61
4-Chlorophenyl-phenylether
Concen: 7.649 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

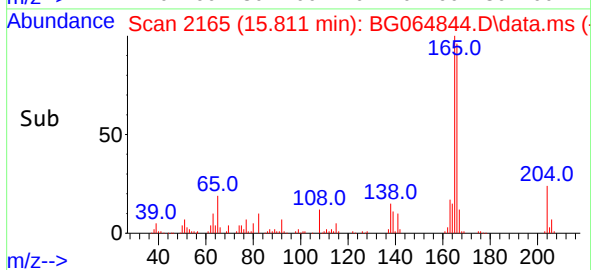
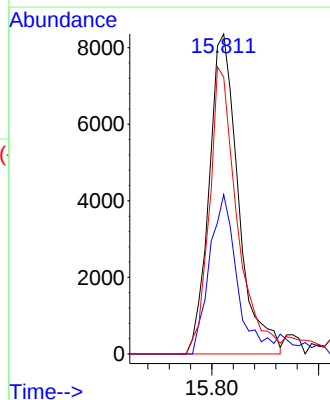
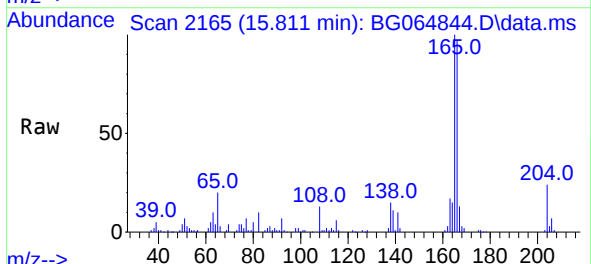
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

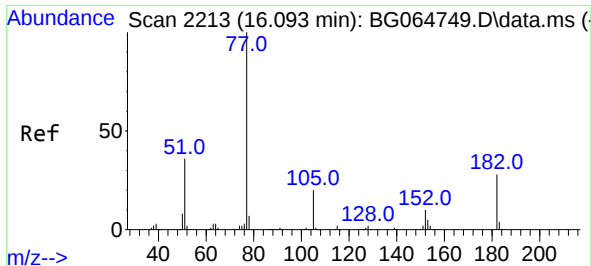
Tgt Ion:204 Resp: 51498
Ion Ratio Lower Upper
204 100
206 30.1 26.9 40.3
141 44.6 38.1 57.1



#62
4-Nitroaniline
Concen: 6.861 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:138 Resp: 15916
Ion Ratio Lower Upper
138 100
92 49.8 30.7 70.7
108 86.5 85.7 125.7

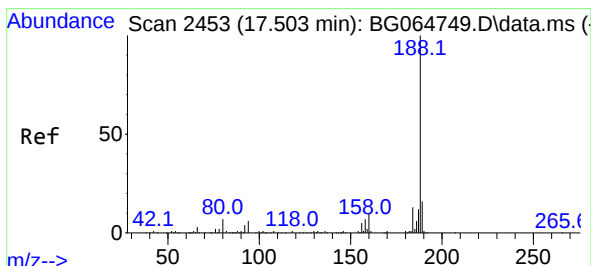
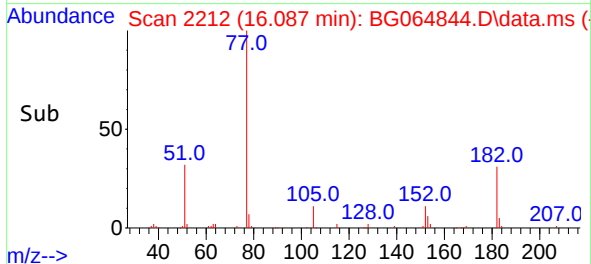
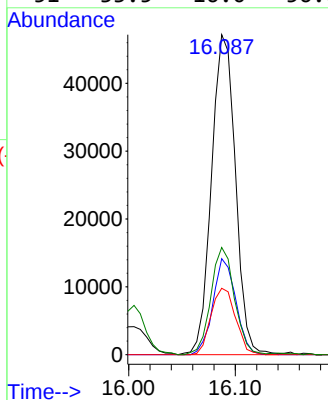
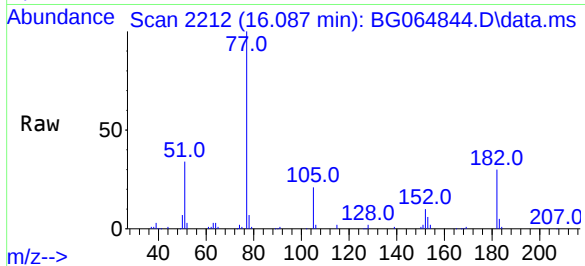




#63
Azobenzene
Concen: 7.826 ng
RT: 16.087 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

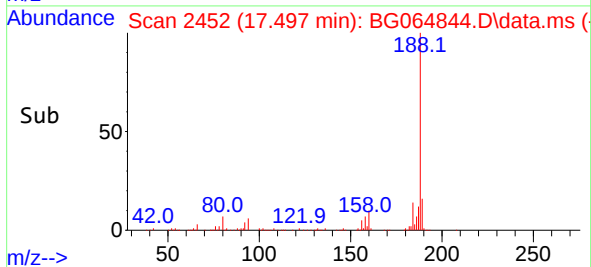
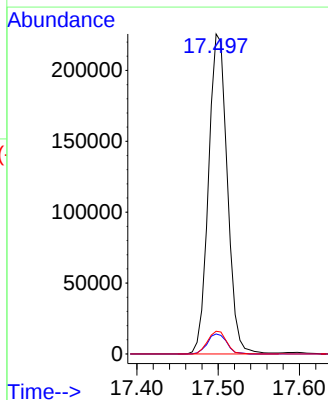
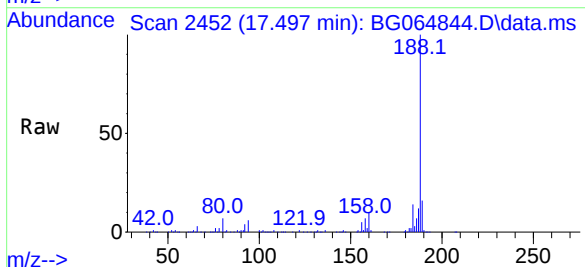
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

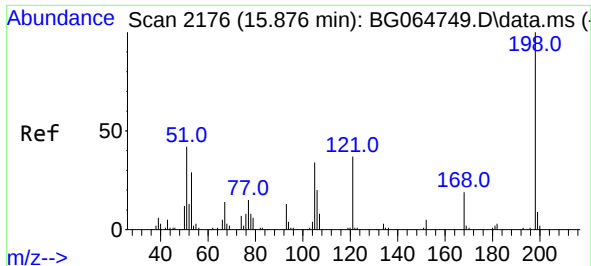
Tgt Ion: 77	Resp: 73521
Ion Ratio	Lower Upper
77 100	
182 30.0	8.1 48.1
105 20.7	0.1 40.1
51 33.5	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.497 min Scan# 2452
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:188	Resp: 362584
Ion Ratio	Lower Upper
188 100	
94 6.2	4.7 7.1
80 7.1	5.4 8.2

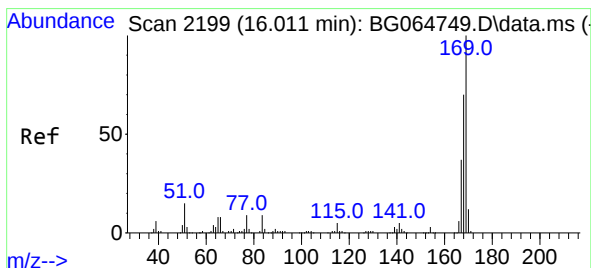
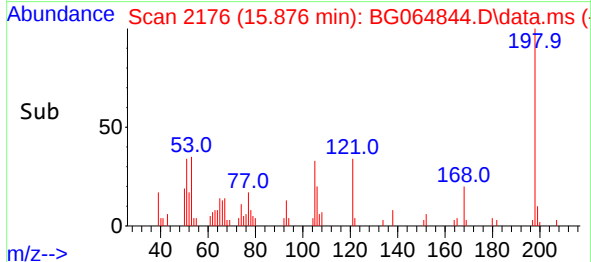
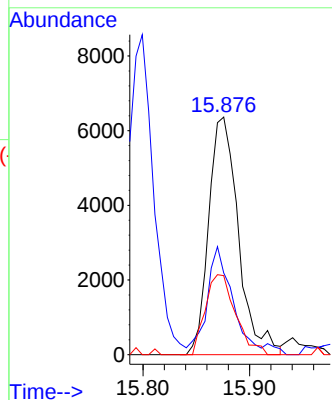
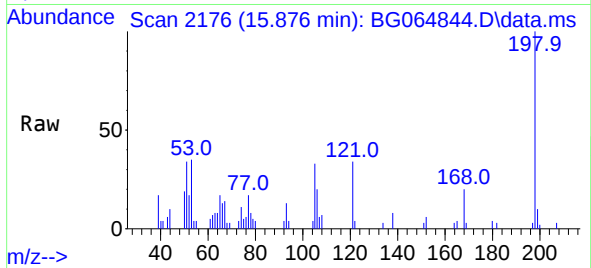




#65
4,6-Dinitro-2-methylphenol
Concen: 6.122 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

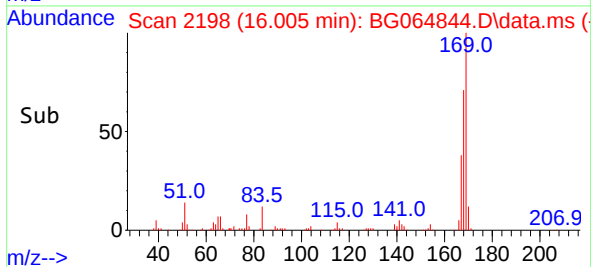
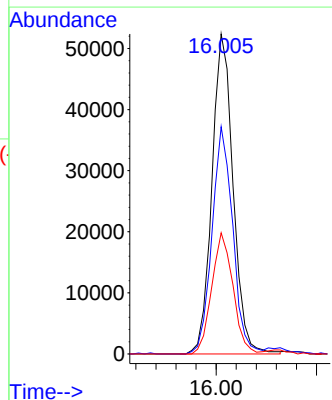
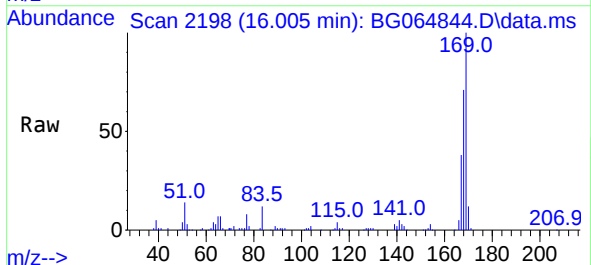
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

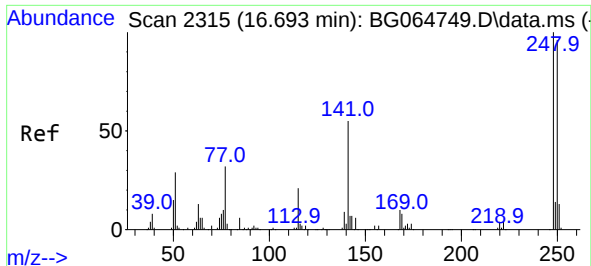
Tgt Ion:	198	Resp:	12325
Ion	Ratio	Lower	Upper
198	100		
51	34.4	25.2	65.2
105	33.3	14.2	54.2



#66
n-Nitrosodiphenylamine
Concen: 8.062 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	169	Resp:	76565
Ion	Ratio	Lower	Upper
169	100		
168	71.0	55.9	83.9
167	37.8	29.8	44.6





#67

4-Bromophenyl-phenylether

Concen: 7.839 ng

RT: 16.687 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064844.D

Acq: 21 Nov 2025 15:14

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025

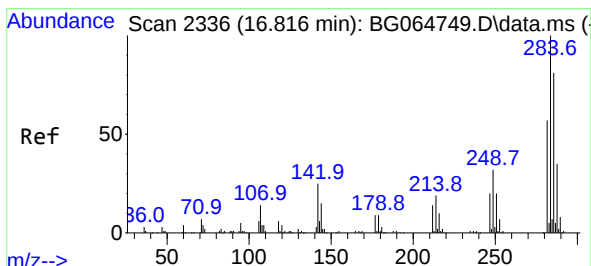
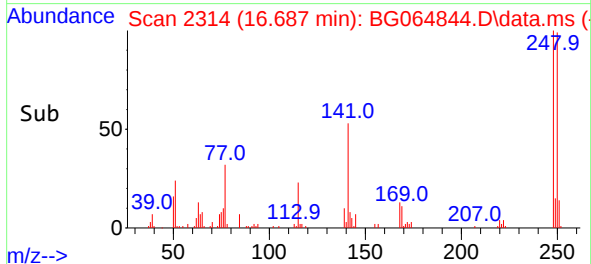
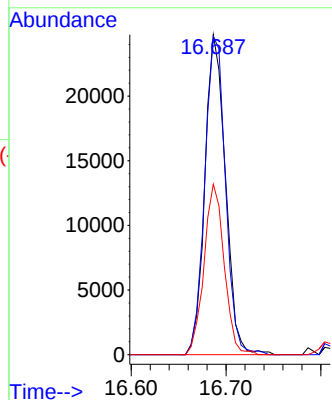
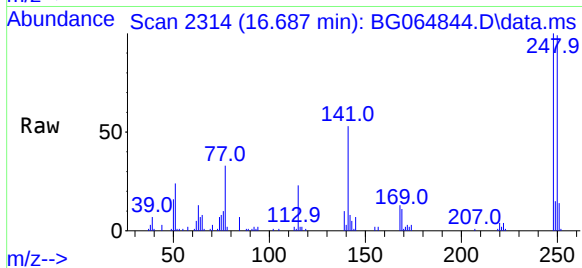
Tgt Ion:248 Resp: 37328

Ion Ratio Lower Upper

248 100

250 99.5 77.0 115.6

141 53.3 43.7 65.5



#68

Hexachlorobenzene

Concen: 7.870 ng

RT: 16.810 min Scan# 2335

Delta R.T. -0.006 min

Lab File: BG064844.D

Acq: 21 Nov 2025 15:14

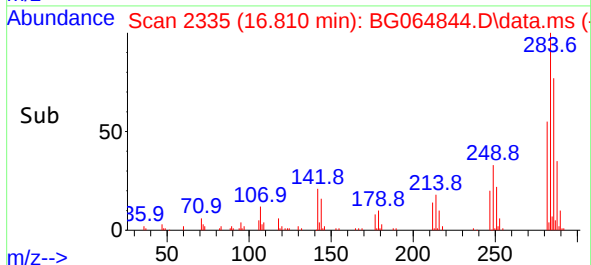
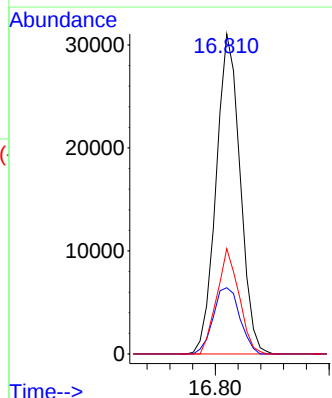
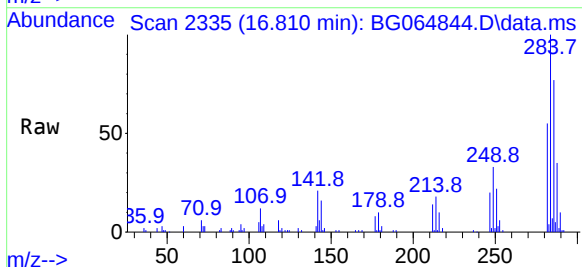
Tgt Ion:284 Resp: 45400

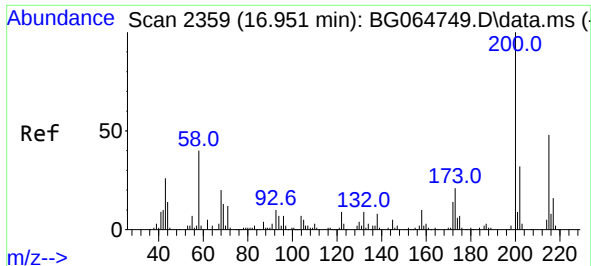
Ion Ratio Lower Upper

284 100

142 20.7 19.7 29.5

249 32.9 28.1 42.1

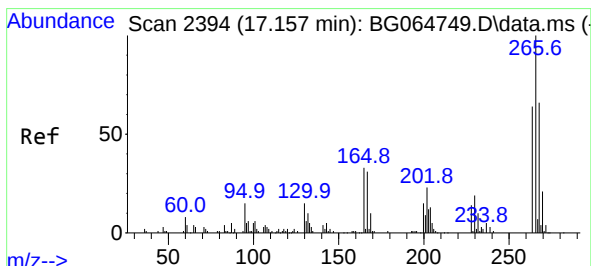
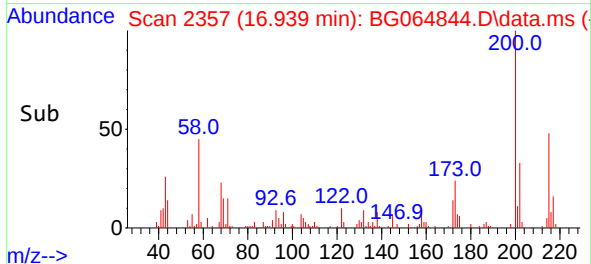
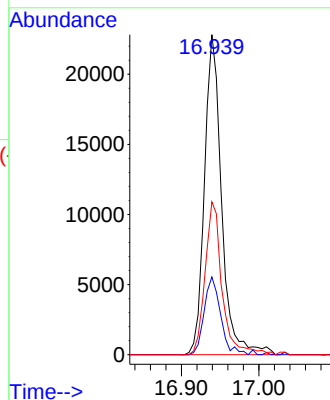
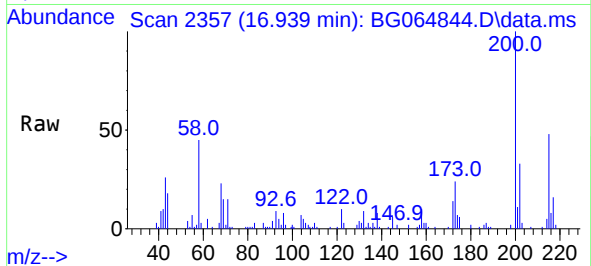




#69
Atrazine
Concen: 7.652 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

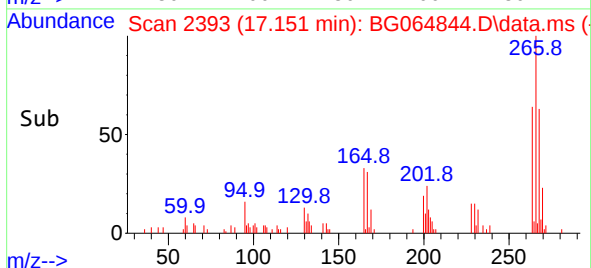
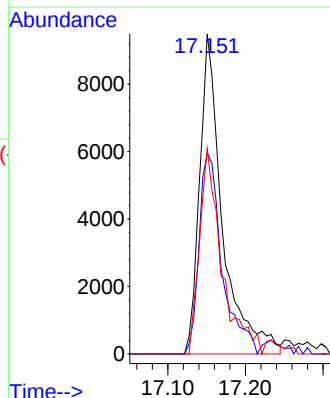
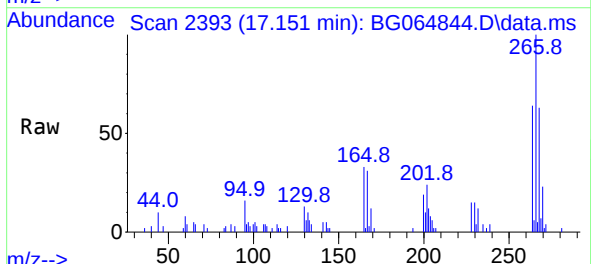
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

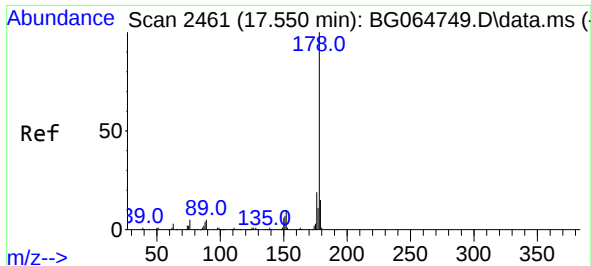
Tgt Ion:200 Resp: 35037
Ion Ratio Lower Upper
200 100
173 24.3 0.9 40.9
215 47.7 27.5 67.5



#70
Pentachlorophenol
Concen: 11.400 ng
RT: 17.151 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:266 Resp: 19439
Ion Ratio Lower Upper
266 100
268 69.7 56.1 84.1
264 70.3 51.2 76.8

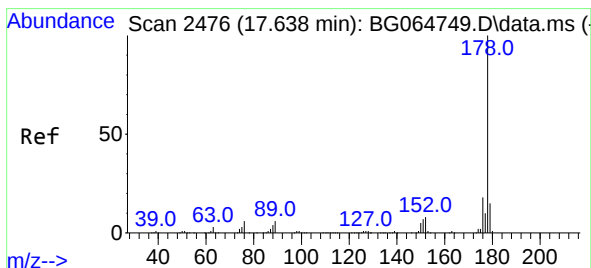
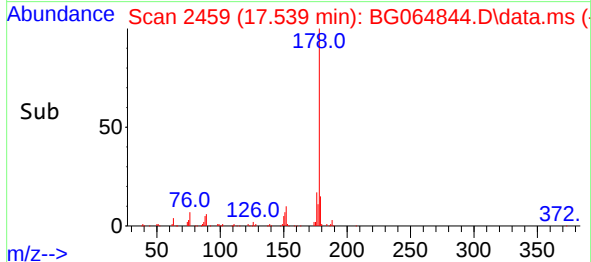
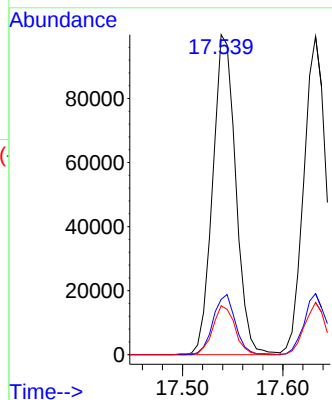
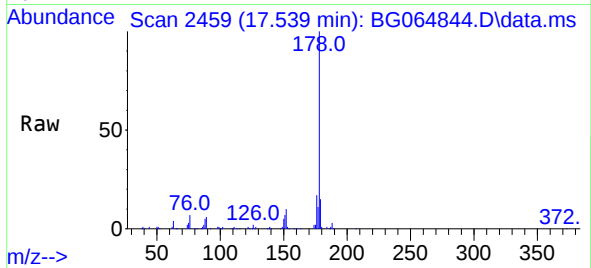




#71
Phenanthrene
Concen: 8.031 ng
RT: 17.539 min Scan# 2461
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

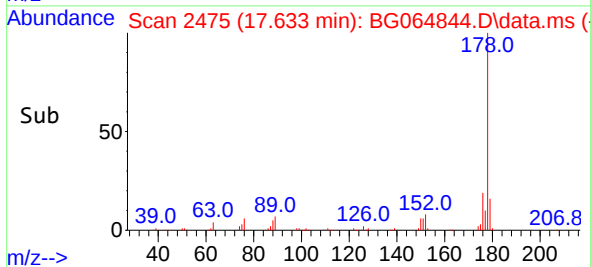
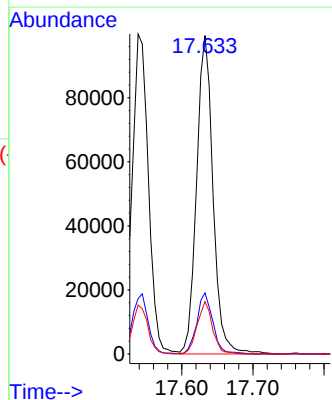
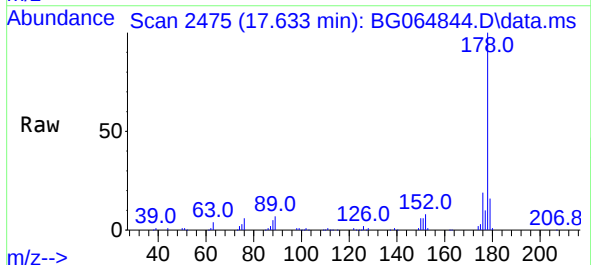
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

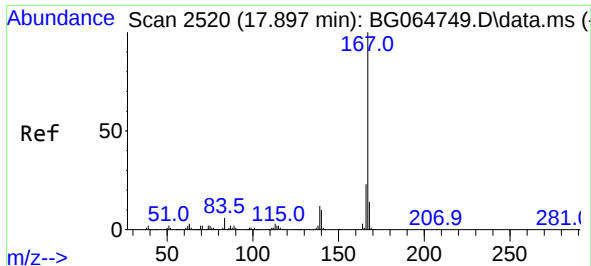
Tgt Ion:178 Resp: 159324
Ion Ratio Lower Upper
178 100
176 17.3 14.8 22.2
179 15.3 12.2 18.4



#72
Anthracene
Concen: 7.917 ng
RT: 17.633 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:178 Resp: 160153
Ion Ratio Lower Upper
178 100
176 19.2 14.5 21.7
179 16.4 12.2 18.4

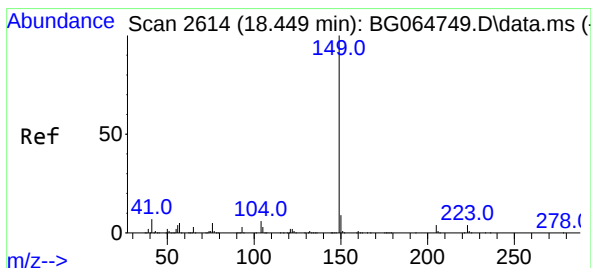
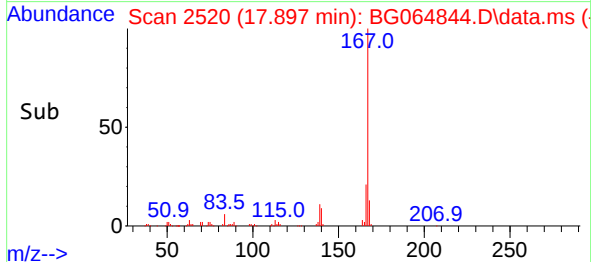
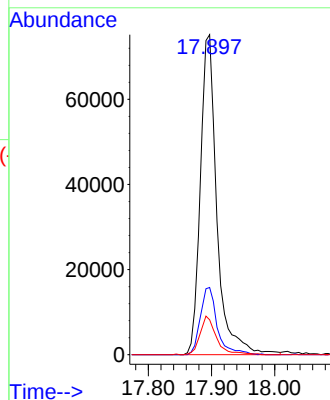
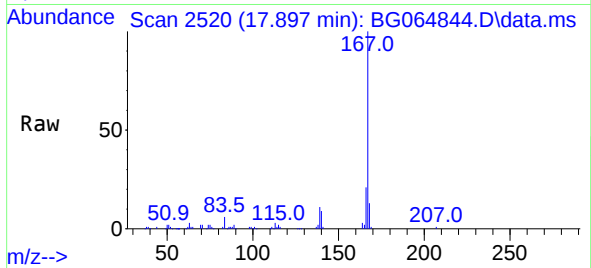




#73
 Carbazole
 Concen: 7.879 ng
 RT: 17.897 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG064844.D
 Acq: 21 Nov 2025 15:14

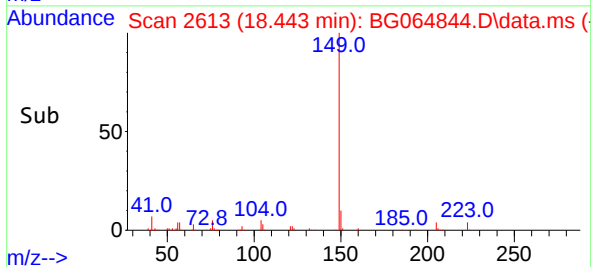
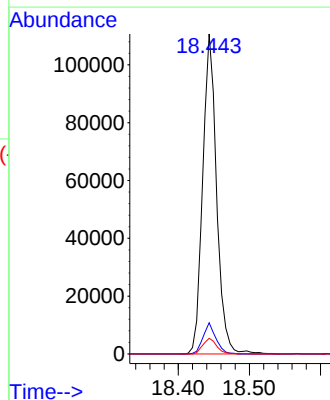
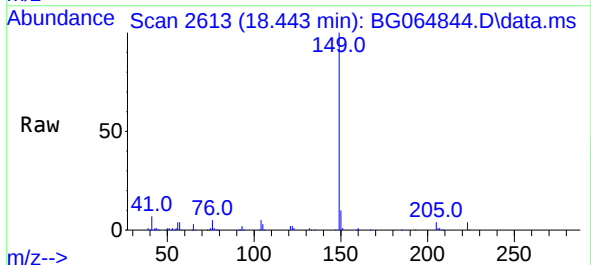
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

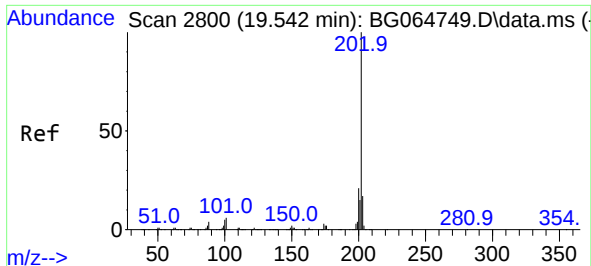
Tgt Ion:167 Resp: 137016
 Ion Ratio Lower Upper
 167 100
 166 21.0 18.0 27.0
 139 10.9 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 7.772 ng
 RT: 18.443 min Scan# 2613
 Delta R.T. -0.006 min
 Lab File: BG064844.D
 Acq: 21 Nov 2025 15:14

Tgt Ion:149 Resp: 150793
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 4.9 4.4 6.6

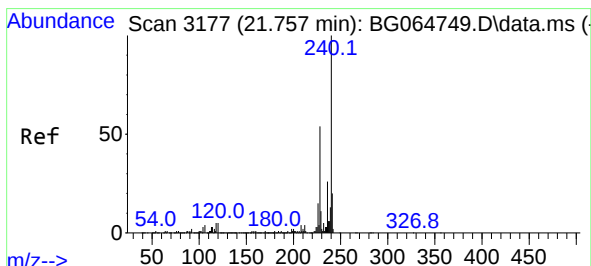
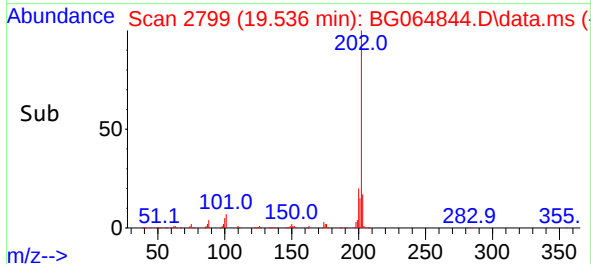
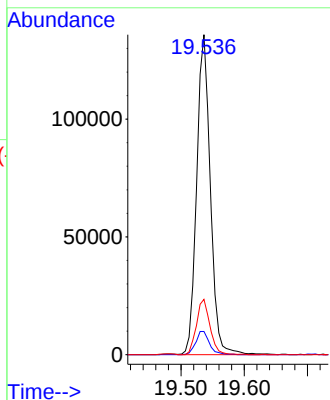
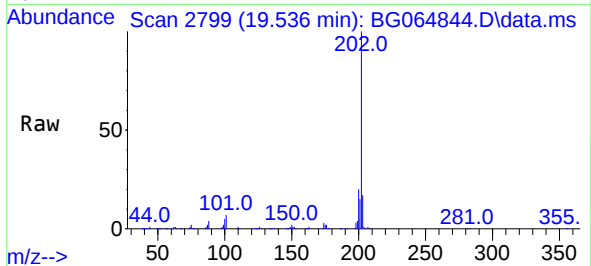




#75
Fluoranthene
Concen: 7.521 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

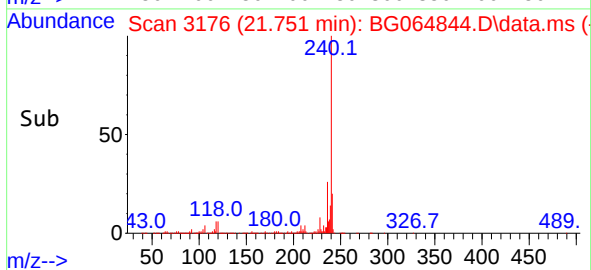
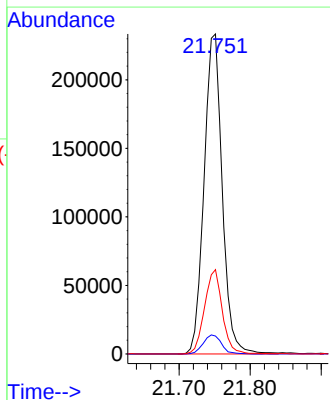
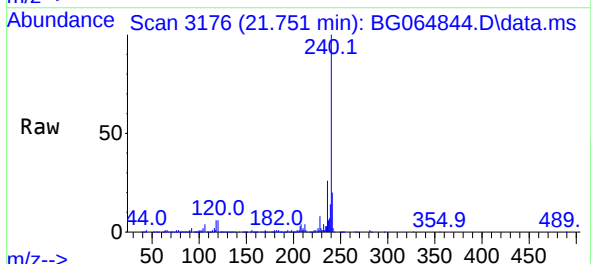
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

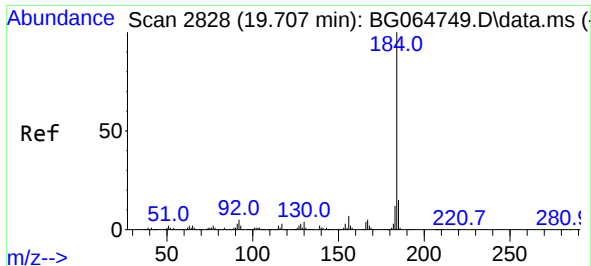
Tgt Ion:202 Resp: 204021
Ion Ratio Lower Upper
202 100
101 7.2 0.0 26.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:240 Resp: 414830
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.4
236 26.3 20.8 31.2

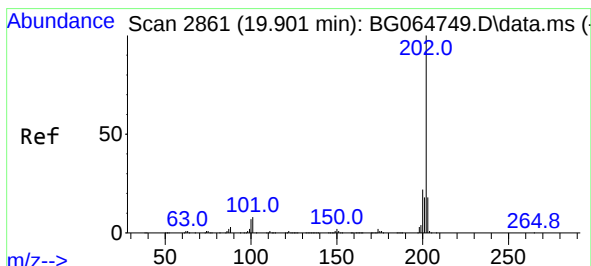
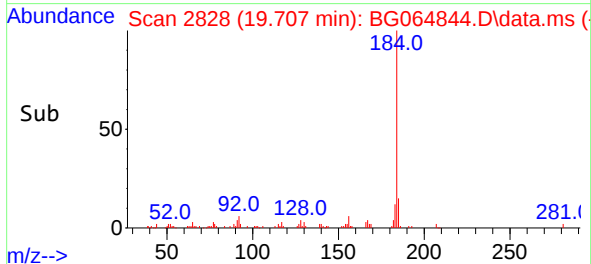
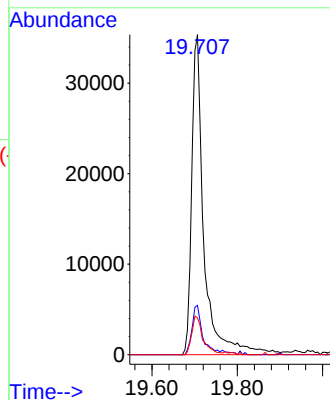
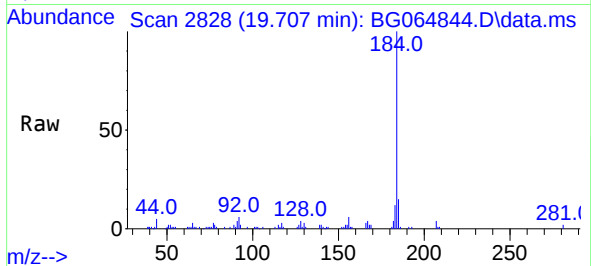




#77
Benzidine
Concen: 5.636 ng
RT: 19.707 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

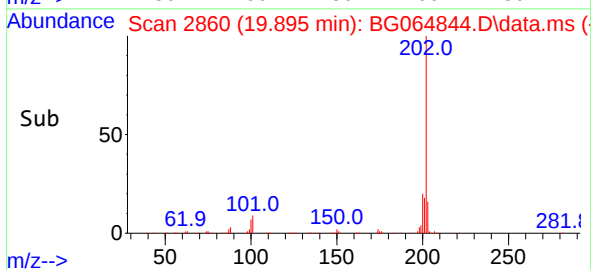
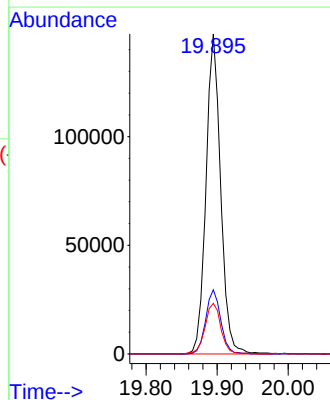
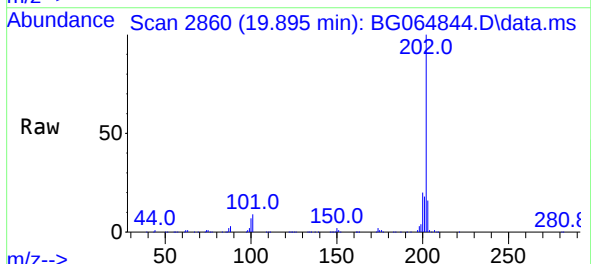
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

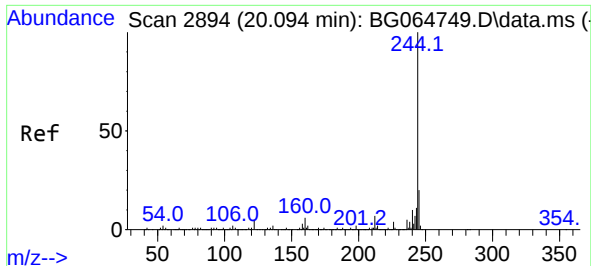
Tgt Ion:	184	Resp:	70019
Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.8	17.6
183	11.6	9.8	14.6



#78
Pyrene
Concen: 9.086 ng
RT: 19.895 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	202	Resp:	211244
Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.9	26.9
203	15.8	14.0	21.0

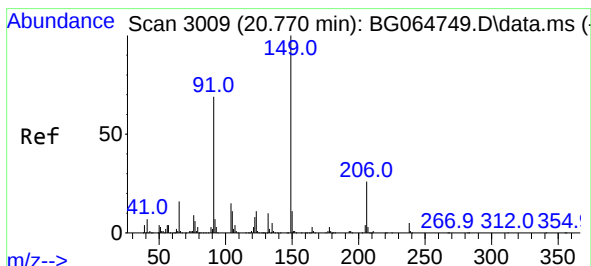
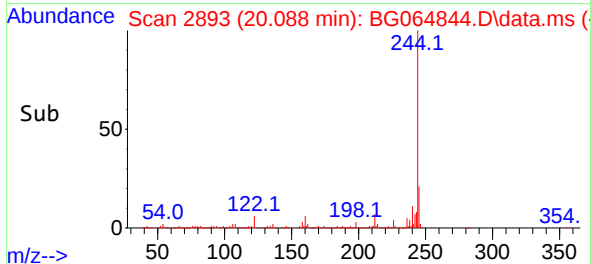
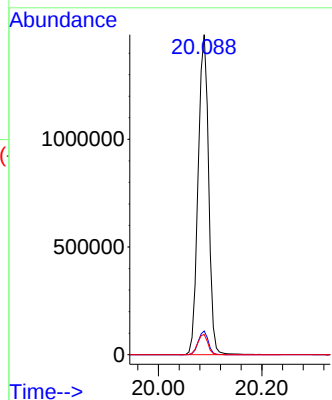
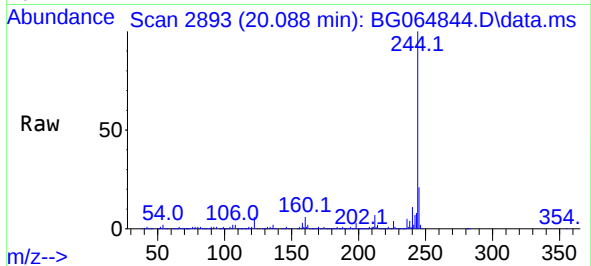




#79
Terphenyl-d14
Concen: 98.810 ng
RT: 20.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

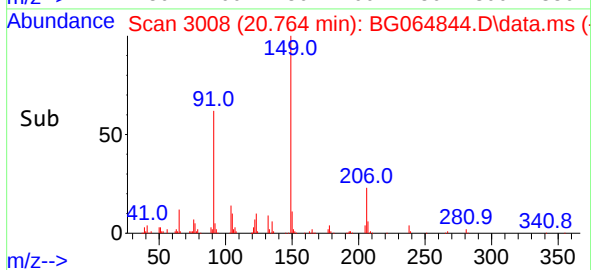
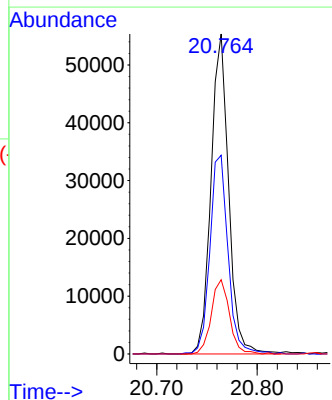
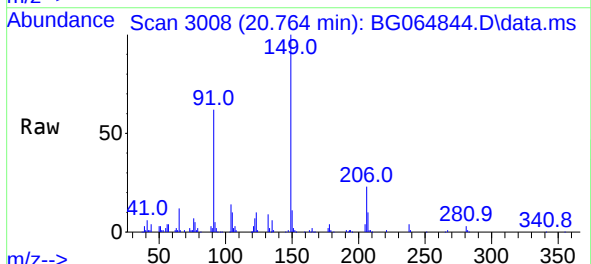
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

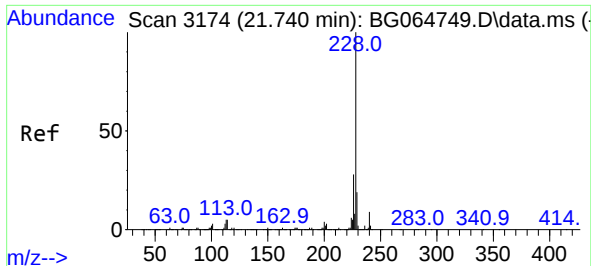
Tgt Ion:244 Resp: 2083764
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.3 4.3 6.5



#80
Butylbenzylphthalate
Concen: 8.264 ng
RT: 20.764 min Scan# 3008
Delta R.T. -0.006 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:149 Resp: 67582
Ion Ratio Lower Upper
149 100
91 62.1 54.9 82.3
206 23.2 21.2 31.8

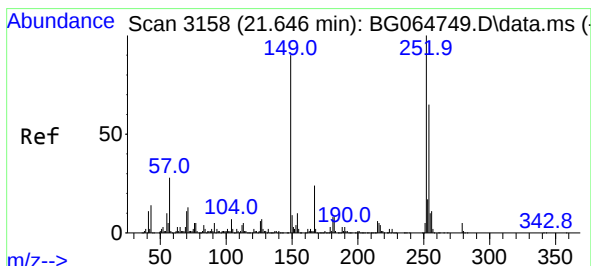
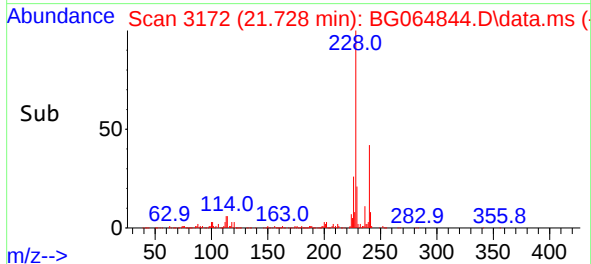
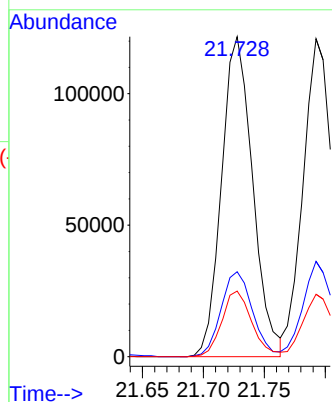
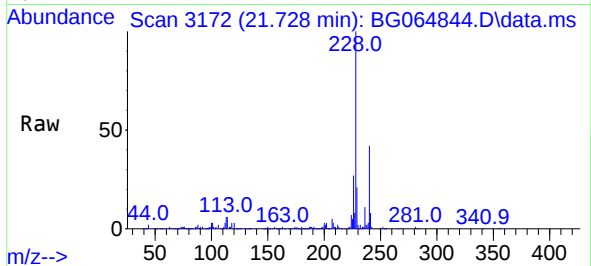




#81
Benzo(a)anthracene
Concen: 7.667 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

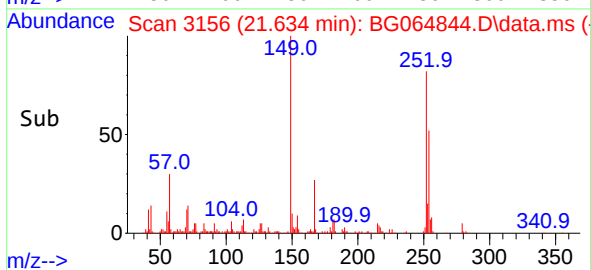
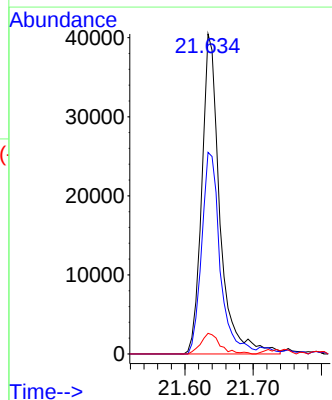
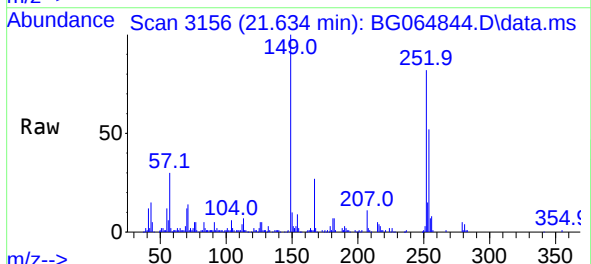
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

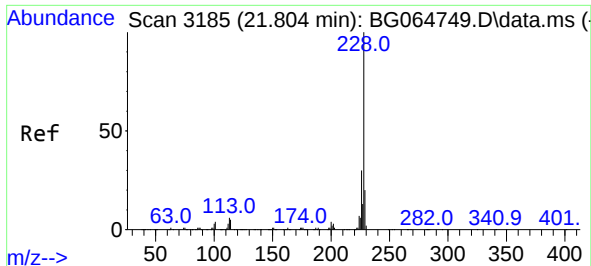
Tgt Ion:	228	Resp:	216253
Ion Ratio	Lower	Upper	
228	100		
226	26.5	22.1	33.1
229	20.5	15.5	23.3



#82
3,3'-Dichlorobenzidine
Concen: 7.154 ng
RT: 21.634 min Scan# 3156
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:	252	Resp:	74272
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.8	77.8
126	6.5	4.7	7.1

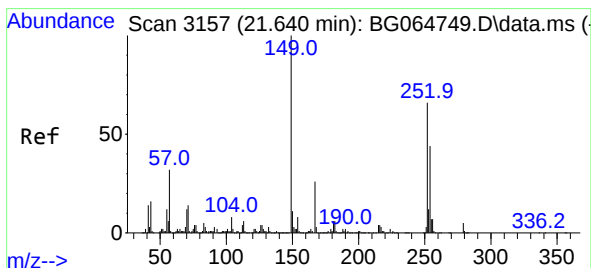
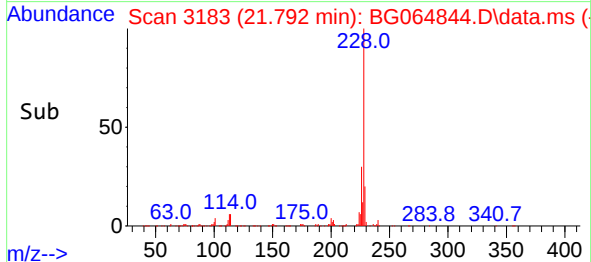
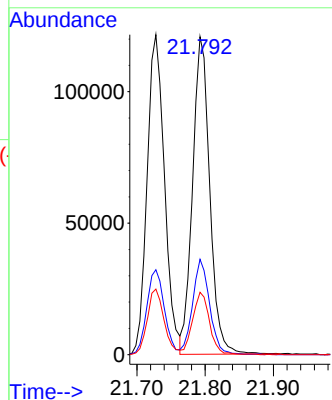
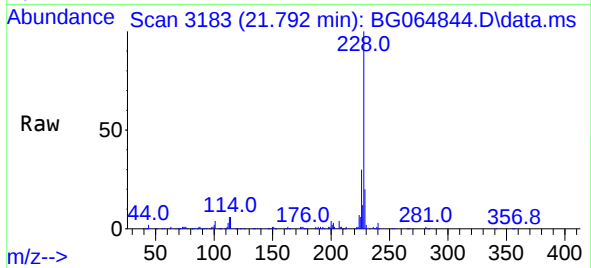




#83
Chrysene
Concen: 7.909 ng
RT: 21.792 min Scan# 3183
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

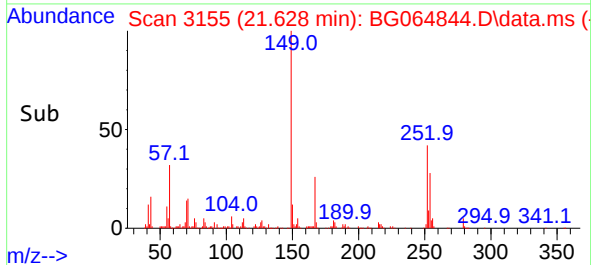
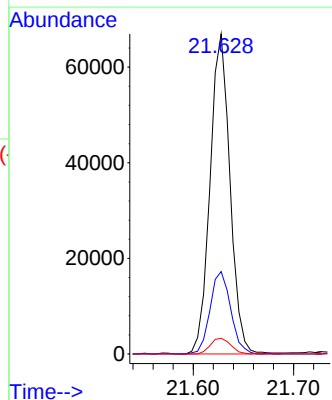
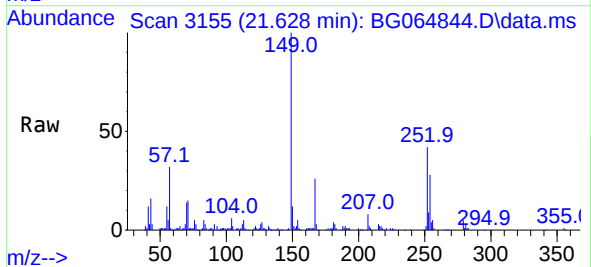
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

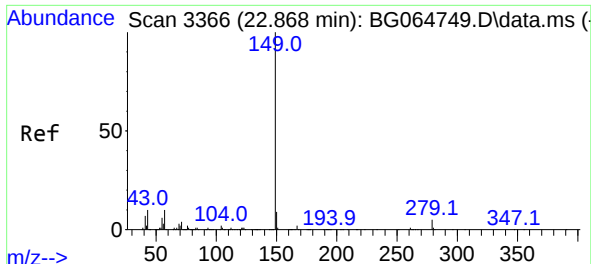
Tgt Ion:228 Resp: 210322
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.737 ng
RT: 21.628 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:149 Resp: 92459
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 4.9 4.1 6.1

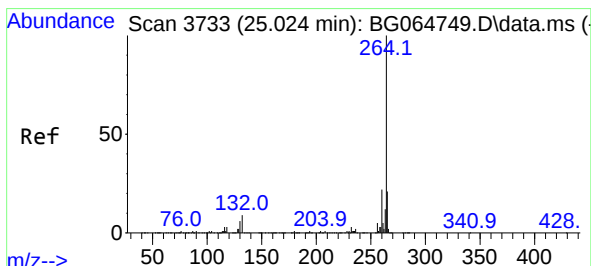
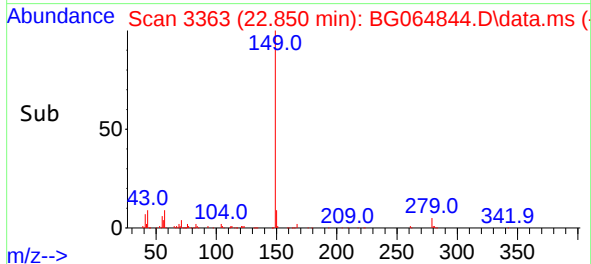
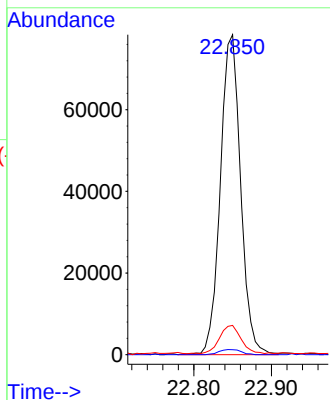
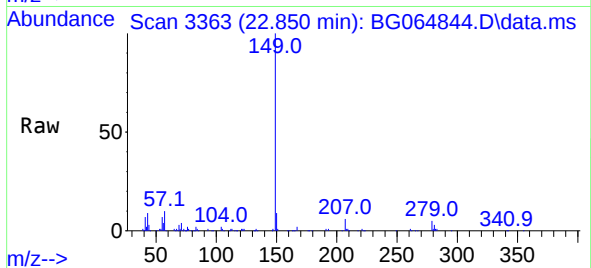




#85
Di-n-octyl phthalate
Concen: 6.911 ng
RT: 22.850 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

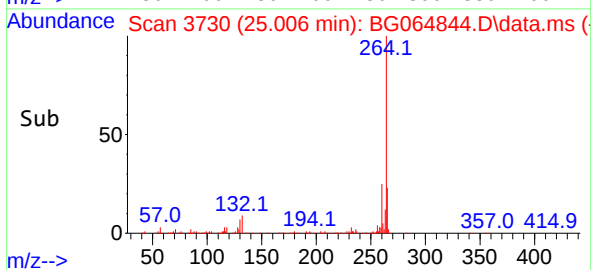
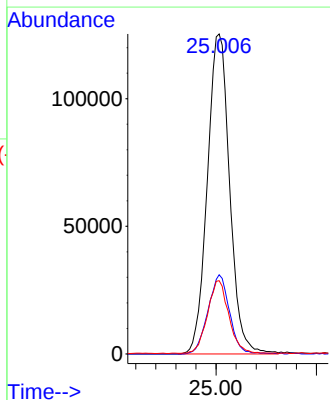
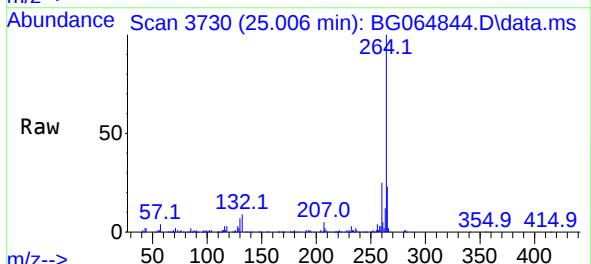
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

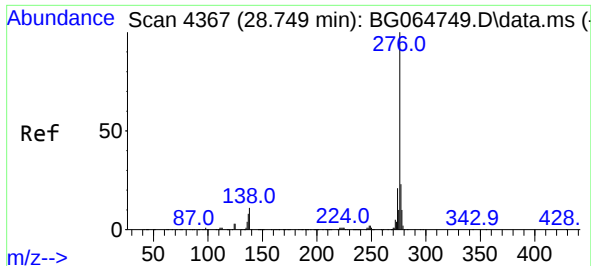
Tgt Ion:149 Resp: 142759
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.006 min Scan# 3730
Delta R.T. -0.018 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:264 Resp: 387284
Ion Ratio Lower Upper
264 100
260 24.7 17.2 25.8
265 22.9 16.6 25.0

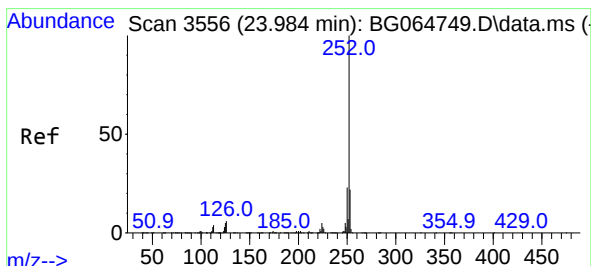
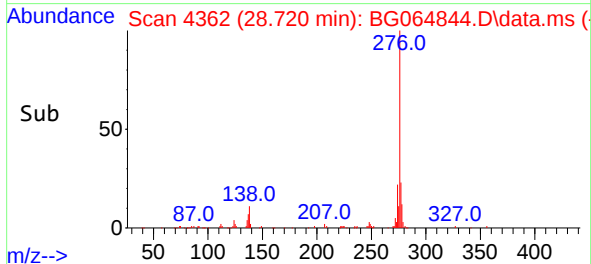
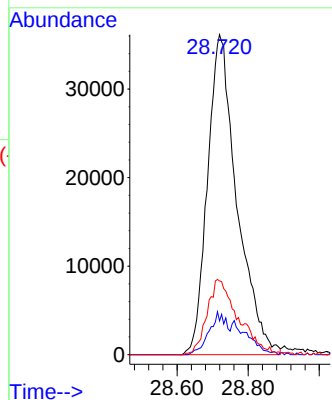
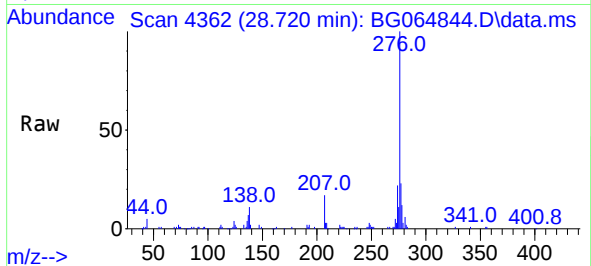




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.816 ng
RT: 28.720 min Scan# 41
Delta R.T. -0.029 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

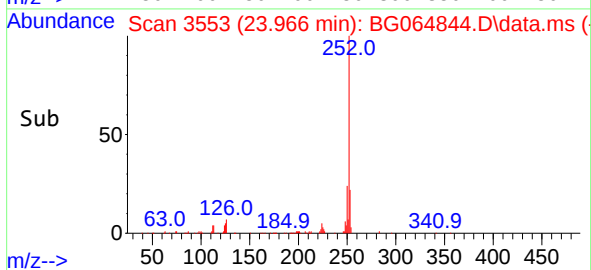
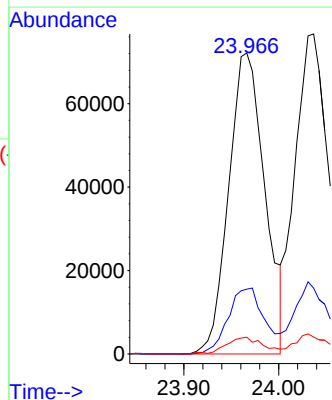
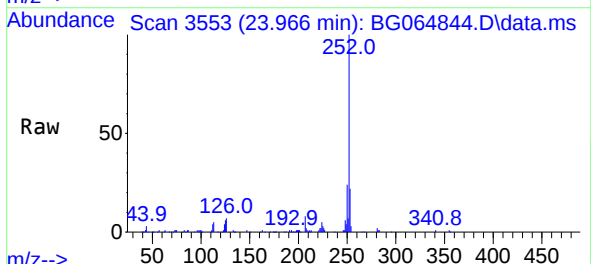
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

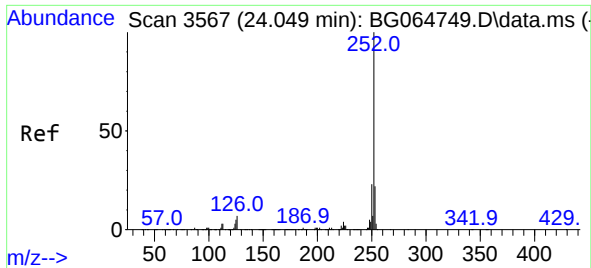
Tgt Ion:276 Resp: 207976
Ion Ratio Lower Upper
276 100
138 8.0 4.5 6.7#
277 20.8 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 7.758 ng
RT: 23.966 min Scan# 3553
Delta R.T. -0.018 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:252 Resp: 191208
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 5.6 4.2 6.2

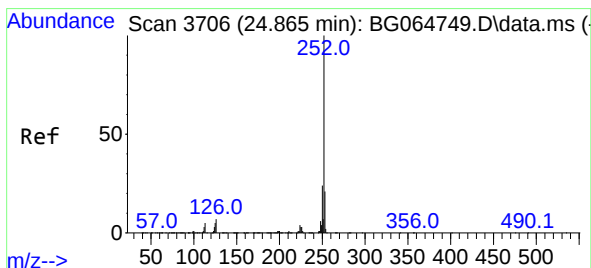
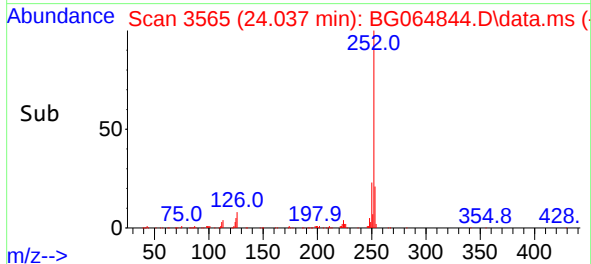
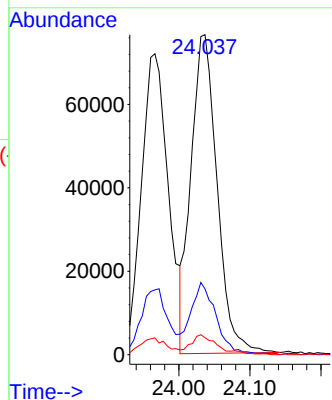
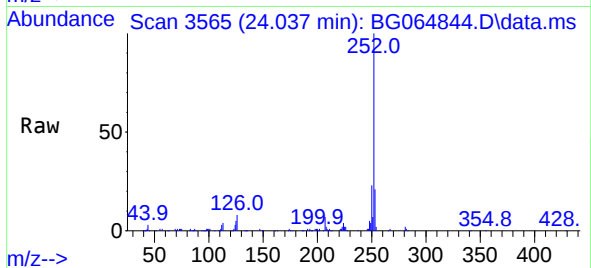




#89
Benzo(k)fluoranthene
Concen: 7.874 ng
RT: 24.037 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

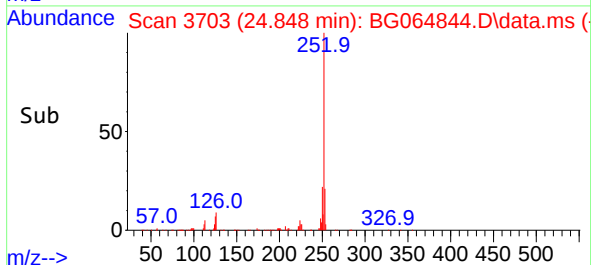
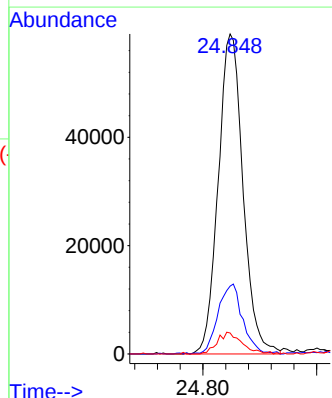
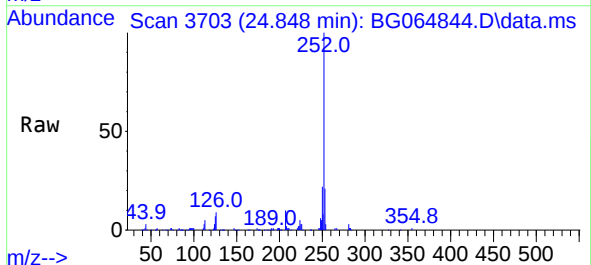
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

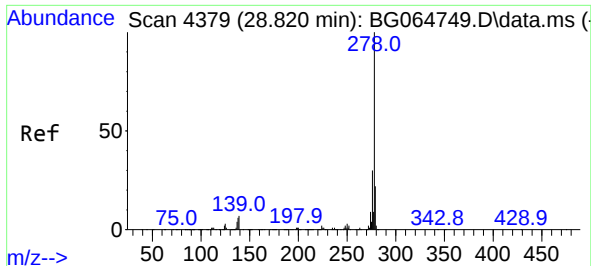
Tgt Ion:252 Resp: 194959
Ion Ratio Lower Upper
252 100
253 20.6 17.8 26.8
125 5.3 4.1 6.1



#90
Benzo(a)pyrene
Concen: 7.817 ng
RT: 24.848 min Scan# 3703
Delta R.T. -0.018 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:252 Resp: 178719
Ion Ratio Lower Upper
252 100
253 21.2 16.9 25.3
125 6.5 4.2 6.4#

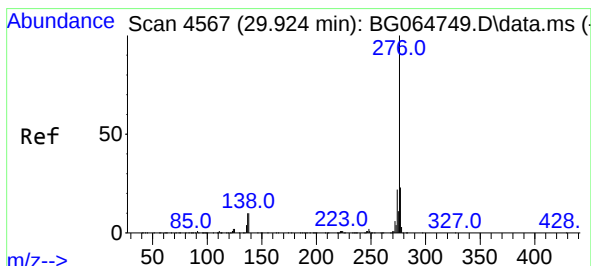
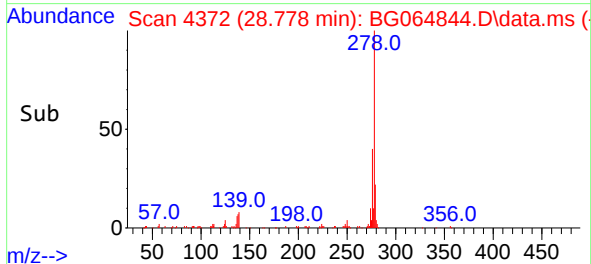
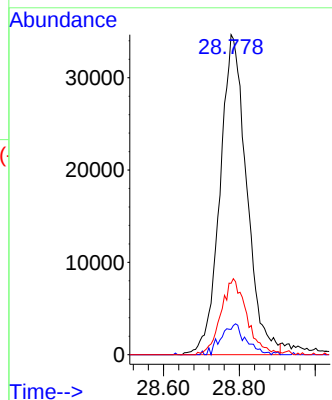
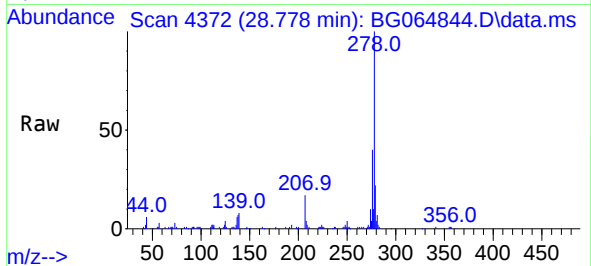




#91
Dibenzo(a,h)anthracene
Concen: 7.758 ng
RT: 28.778 min Scan# 41
Delta R.T. -0.041 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

Tgt Ion:278 Resp: 169114
Ion Ratio Lower Upper
278 100
139 7.9 5.8 8.8
279 22.3 17.3 25.9



#92
Benzo(g,h,i)perylene
Concen: 7.863 ng
RT: 29.889 min Scan# 4561
Delta R.T. -0.035 min
Lab File: BG064844.D
Acq: 21 Nov 2025 15:14

Tgt Ion:276 Resp: 164948
Ion Ratio Lower Upper
276 100
277 21.3 18.0 27.0
138 12.7 8.2 12.2#

