

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112125\
 Data File : BG064841.D
 Acq On : 21 Nov 2025 12:20
 Operator : RC/JU
 Sample : Q3530-03
 Misc : MDL-SOIL-4ng
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 21 12:56:00 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	8.158	152	45164	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	180131	20.000	ng	0.00
39) Acenaphthene-d10	14.768	164	154529	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	396407	20.000	ng	0.00
76) Chrysene-d12	21.748	240	463301	20.000	ng	0.00
86) Perylene-d12	25.003	264	448925	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	276464	106.892	ng	0.00
7) Phenol-d6	7.306	99	390661	113.564	ng	0.00
23) Nitrobenzene-d5	9.321	82	286813	78.725	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	339403	112.617	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	856068	77.300	ng	0.00
79) Terphenyl-d14	20.085	244	2047850	86.948	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	3858	3.853	ng	93
3) Pyridine	3.945	79	9820	3.292	ng	93
4) n-Nitrosodimethylamine	3.851	42	4994	3.289	ng	# 87
6) Aniline	7.470	93	16692	3.640	ng	98
8) 2-Chlorophenol	7.723	128	10190	3.588	ng	96
9) Benzaldehyde	7.282	77	9893	4.393	ng	97
10) Phenol	7.324	94	13485	3.603	ng	# 76
11) bis(2-Chloroethyl)ether	7.564	93	9974	3.745	ng	87
12) 1,3-Dichlorobenzene	8.046	146	12183m	3.728	ng	
13) 1,4-Dichlorobenzene	8.193	146	12421	3.733	ng	96
14) 1,2-Dichlorobenzene	8.516	146	11961	3.707	ng	98
15) Benzyl Alcohol	8.387	79	9073	3.213	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.692	45	20409	3.237	ng	95
17) 2-Methylphenol	8.587	107	8196	3.095	ng	92
18) Hexachloroethane	9.257	117	4794	3.804	ng	83
19) n-Nitroso-di-n-propyla...	8.957	70	7978	3.430	ng	95
20) 3+4-Methylphenols	8.916	107	11490	3.167	ng	96
22) Acetophenone	8.980	105	17538	3.574	ng	# 98
24) Nitrobenzene	9.362	77	13898	3.775	ng	# 96
25) Isophorone	9.891	82	22808	3.287	ng	97
26) 2-Nitrophenol	10.079	139	5102	3.081	ng	94
27) 2,4-Dimethylphenol	10.132	122	9941	3.379	ng	90
28) bis(2-Chloroethoxy)met...	10.367	93	12903	3.388	ng	93
29) 2,4-Dichlorophenol	10.620	162	10291	3.259	ng	97
30) 1,2,4-Trichlorobenzene	10.837	180	14101	3.698	ng	91
31) Naphthalene	11.025	128	36709	3.595	ng	# 97
32) Benzoic acid	10.249	122	3666m	7.431	ng	
33) 4-Chloroaniline	11.131	127	13922	3.408	ng	96
34) Hexachlorobutadiene	11.319	225	11799	3.606	ng	94
35) Caprolactam	11.865	113	2783	2.946	ng	95
36) 4-Chloro-3-methylphenol	12.235	107	11400	3.243	ng	90
37) 2-Methylnaphthalene	12.617	142	24993	3.271	ng	95
38) 1-Methylnaphthalene	12.841	142	25781	3.396	ng	98
40) 1,2,4,5-Tetrachloroben...	12.982	216	21186	3.523	ng	98
41) Hexachlorocyclopentadiene	12.964	237	8661	2.009	ng	94
43) 2,4,6-Trichlorophenol	13.217	196	10960	3.105	ng	98

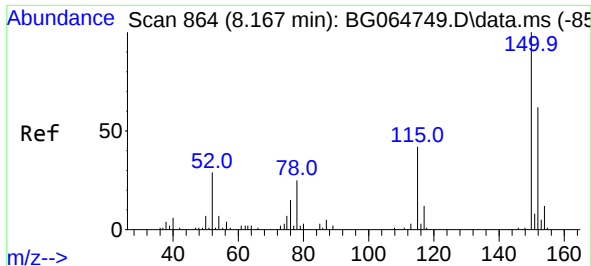
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.293	196	13725	3.467	ng	94
46) 1,1'-Biphenyl	13.610	154	40199	3.622	ng	97
47) 2-Chloronaphthalene	13.657	162	31089	3.555	ng	95
48) 2-Nitroaniline	13.845	65	8636	3.071	ng	95
49) Acenaphthylene	14.492	152	52460	3.512	ng	98
50) Dimethylphthalate	14.210	163	42933	3.517	ng	98
51) 2,6-Dinitrotoluene	14.327	165	8342	3.551	ng	93
52) Acenaphthene	14.832	154	30447	3.399	ng	96
53) 3-Nitroaniline	14.656	138	7552	3.258	ng #	72
54) 2,4-Dinitrophenol	14.879	184	824	9.041	ng #	89
55) Dibenzofuran	15.167	168	52978	3.578	ng	95
56) 4-Nitrophenol	14.973	139	4032	2.192	ng	96
57) 2,4-Dinitrotoluene	15.114	165	11295	3.207	ng	95
58) Fluorene	15.808	166	43300	3.728	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.385	232	14298	3.661	ng #	96
60) Diethylphthalate	15.567	149	41157	3.520	ng	99
61) 4-Chlorophenyl-phenyle...	15.796	204	25451	3.652	ng	94
62) 4-Nitroaniline	15.814	138	7119	2.964	ng	89
63) Azobenzene	16.090	77	34476	3.545	ng	96
65) 4,6-Dinitro-2-methylph...	15.878	198	4114	1.869	ng	90
66) n-Nitrosodiphenylamine	16.007	169	36820	3.546	ng	95
67) 4-Bromophenyl-phenylether	16.689	248	18606	3.574	ng	96
68) Hexachlorobenzene	16.812	284	21761	3.450	ng #	89
69) Atrazine	16.942	200	16652	3.326	ng	91
70) Pentachlorophenol	17.159	266	7027	7.881	ng #	85
71) Phenanthrene	17.541	178	79541	3.667	ng	97
72) Anthracene	17.629	178	77638	3.511	ng	97
73) Carbazole	17.893	167	65023	3.420	ng	98
74) Di-n-butylphthalate	18.446	149	72161	3.402	ng	99
75) Fluoranthene	19.533	202	98960	3.337	ng	96
77) Benzidine	19.703	184	40607	2.927	ng #	95
78) Pyrene	19.897	202	104160	4.011	ng	96
80) Butylbenzylphthalate	20.761	149	33045	3.618	ng	97
81) Benzo(a)anthracene	21.730	228	107528	3.413	ng	98
82) 3,3'-Dichlorobenzidine	21.636	252	37613	3.244	ng	93
83) Chrysene	21.795	228	107570	3.622	ng	99
84) Bis(2-ethylhexyl)phtha...	21.630	149	46612	3.493	ng	97
85) Di-n-octyl phthalate	22.846	149	74711	3.238	ng	98
87) Indeno(1,2,3-cd)pyrene	28.716	276	103970	3.371	ng #	74
88) Benzo(b)fluoranthene	23.969	252	94980m	3.325	ng	
89) Benzo(k)fluoranthene	24.033	252	97357	3.392	ng	99
90) Benzo(a)pyrene	24.850	252	91696	3.460	ng	99
91) Dibenzo(a,h)anthracene	28.792	278	82417	3.262	ng #	96
92) Benzo(g,h,i)perylene	29.874	276	82979	3.412	ng	95

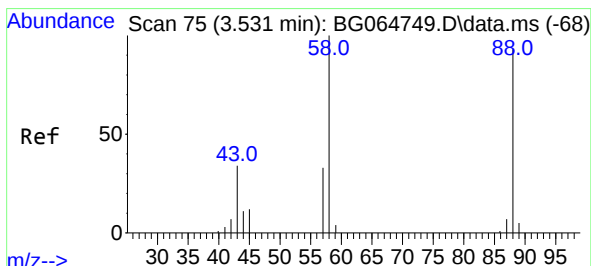
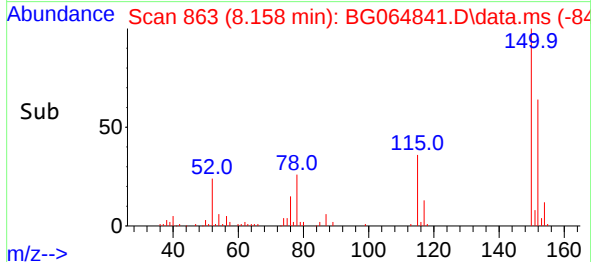
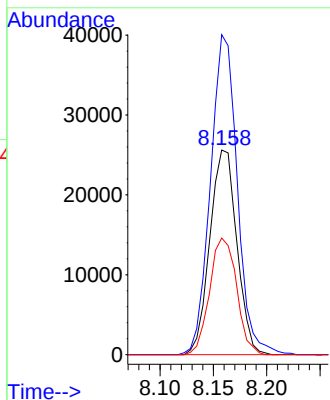
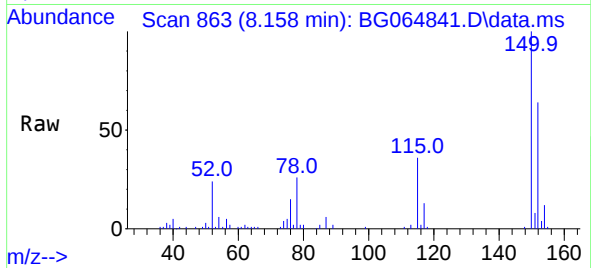
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

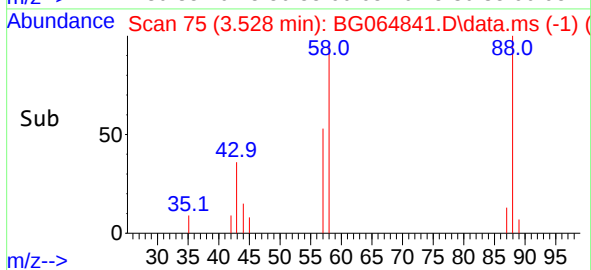
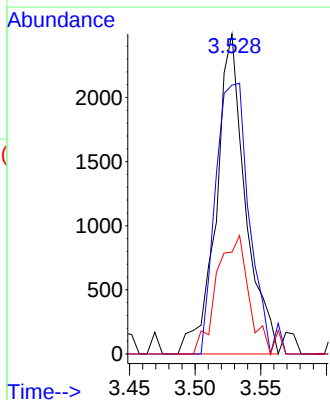
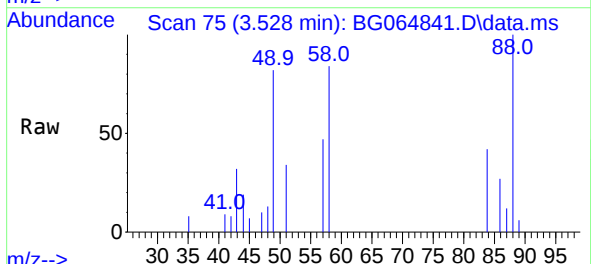
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

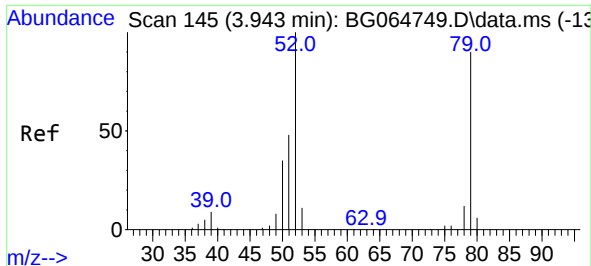
Tgt Ion:152 Resp: 45164
Ion Ratio Lower Upper
152 100
150 156.4 129.2 193.8
115 57.0 53.7 80.5



#2
1,4-Dioxane
Concen: 3.853 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 88 Resp: 3858
Ion Ratio Lower Upper
88 100
58 98.3 84.6 126.8
43 41.8 30.0 45.0

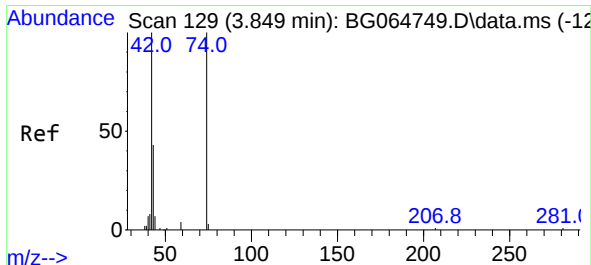
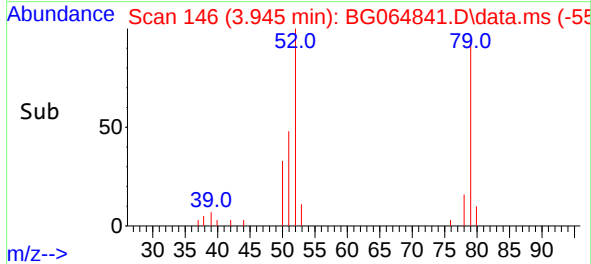
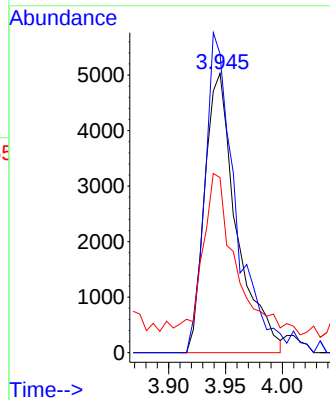
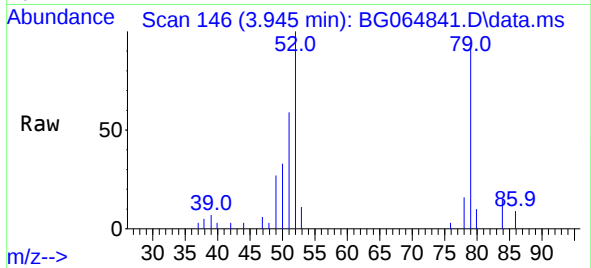




#3
Pyridine
Concen: 3.292 ng
RT: 3.945 min Scan# 14
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

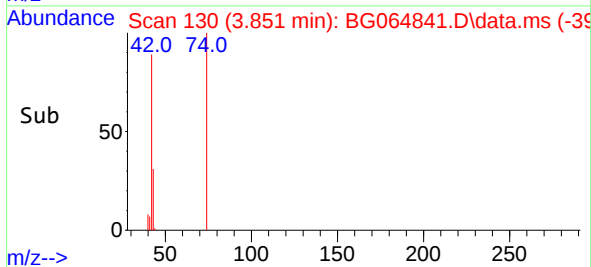
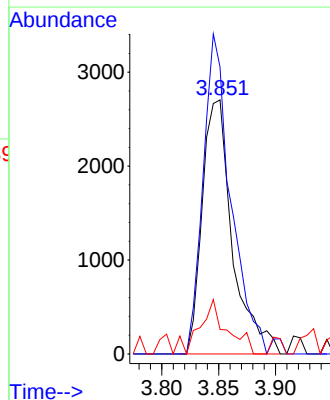
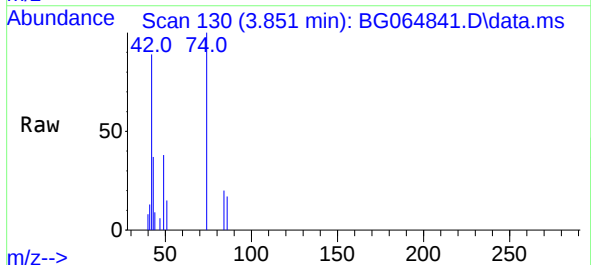
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

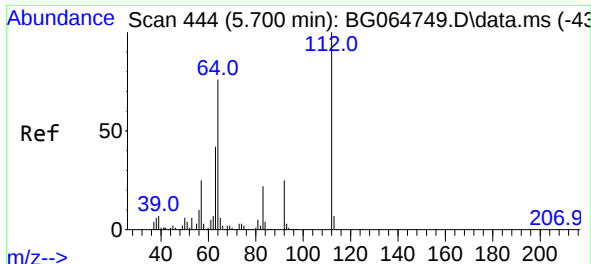
Tgt Ion: 79	Resp: 9820
Ion Ratio	Lower Upper
79 100	
52 107.0	89.0 133.4
51 62.7	43.4 65.0



#4
n-Nitrosodimethylamine
Concen: 3.289 ng
RT: 3.851 min Scan# 130
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 42	Resp: 4994
Ion Ratio	Lower Upper
42 100	
74 112.9	79.8 119.6
44 9.6	5.9 8.9#



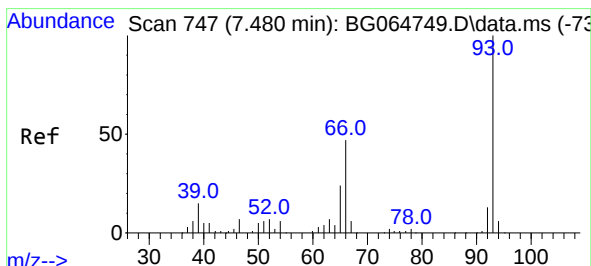
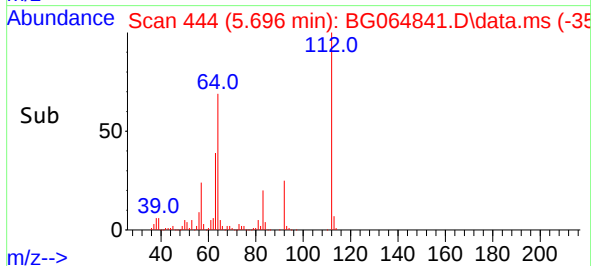
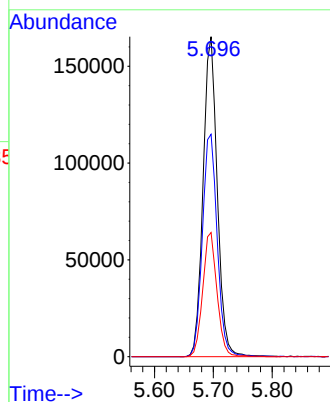
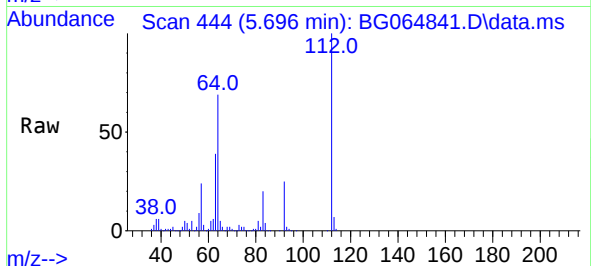


#5
2-Fluorophenol
Concen: 106.892 ng
RT: 5.696 min Scan# 44
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

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

Tgt Ion:112 Resp: 276464

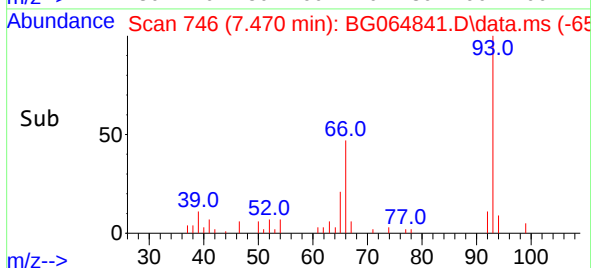
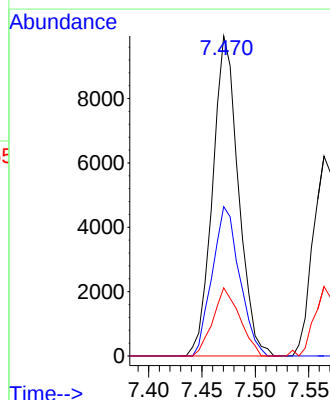
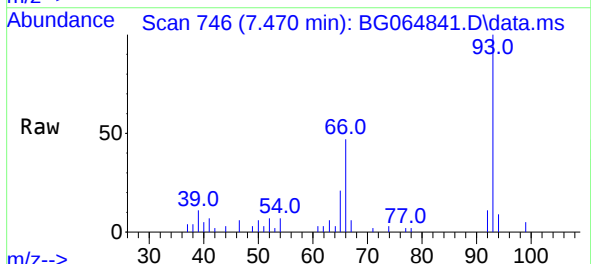
Ion	Ratio	Lower	Upper
112	100		
64	69.5	61.0	91.4
63	38.8	33.3	49.9

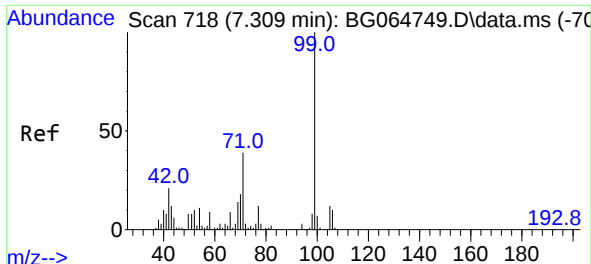


#6
Aniline
Concen: 3.640 ng
RT: 7.470 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 93 Resp: 16692

Ion	Ratio	Lower	Upper
93	100		
66	46.6	37.7	56.5
65	21.3	19.1	28.7

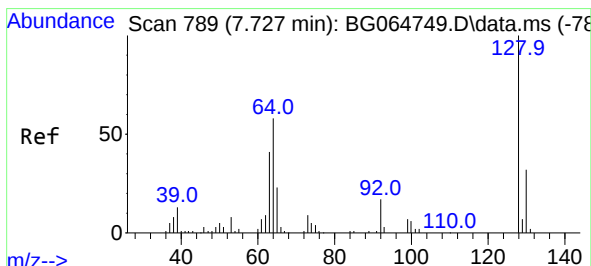
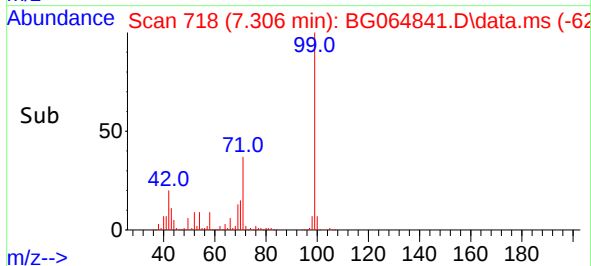
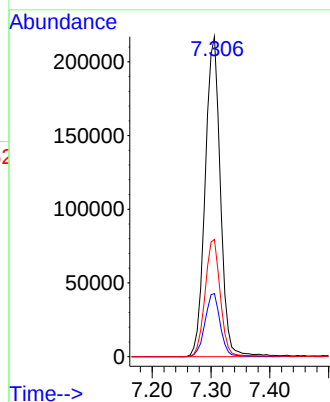
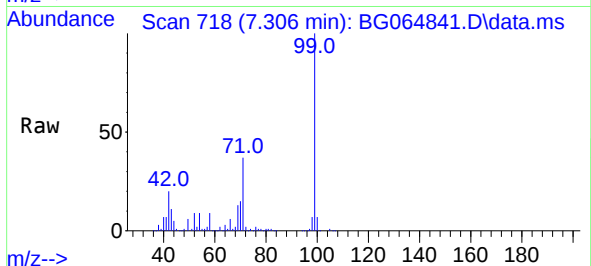




#7
Phenol-d6
Concen: 113.564 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

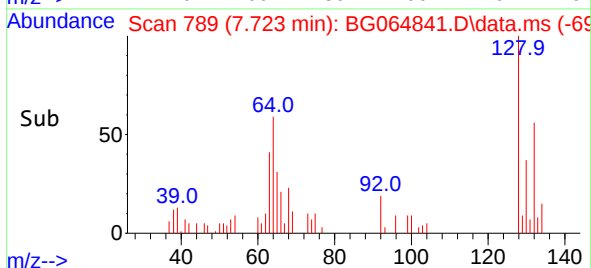
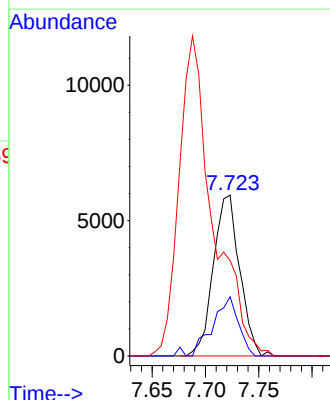
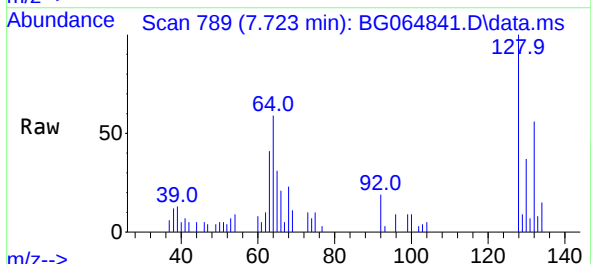
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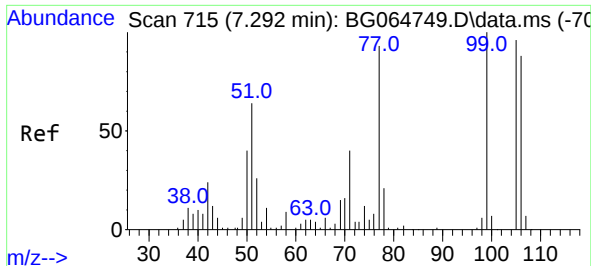
Tgt Ion:	99	Resp:	390661
Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.8	25.2
71	36.7	31.1	46.7



#8
2-Chlorophenol
Concen: 3.588 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	128	Resp:	10190
Ion	Ratio	Lower	Upper
128	100		
130	36.8	11.9	51.9
64	59.3	38.4	78.4

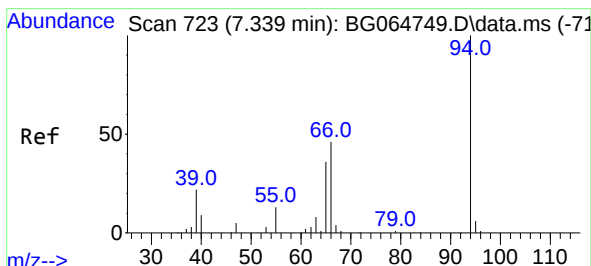
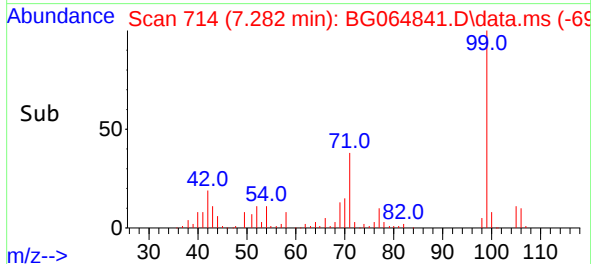
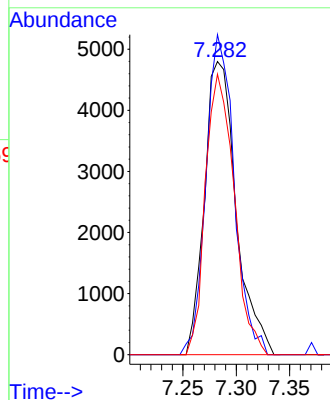
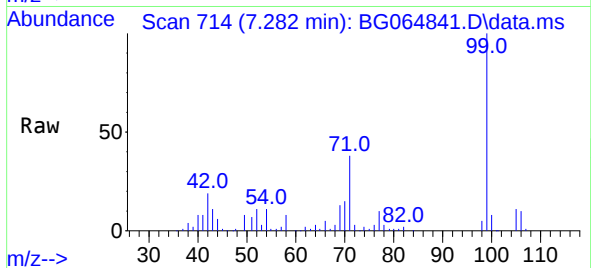




#9
Benzaldehyde
Concen: 4.393 ng
RT: 7.282 min Scan# 715
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

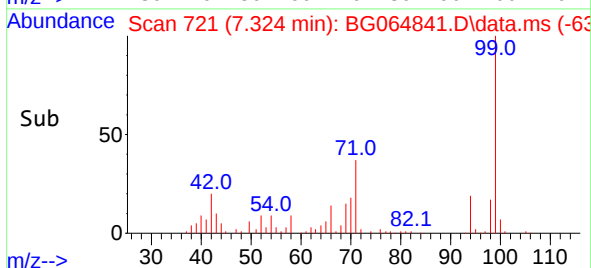
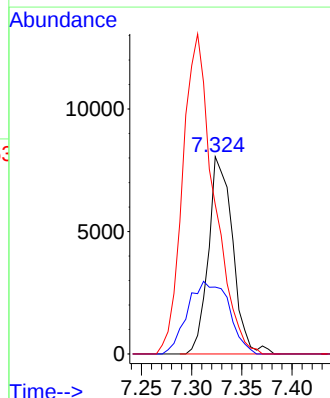
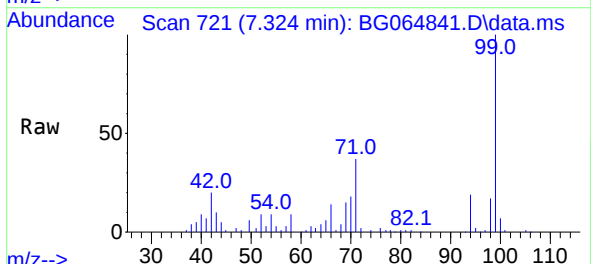
Instrument :
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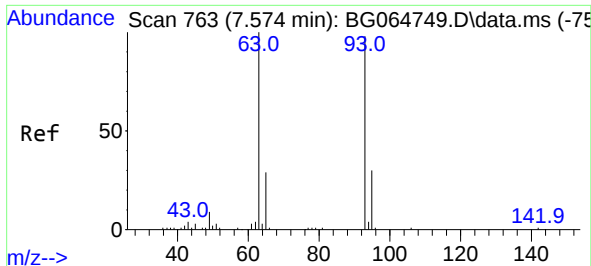
Tgt Ion:	77	Resp:	9893
Ion	Ratio	Lower	Upper
77	100		
105	109.2	83.8	123.8
106	95.7	74.3	114.3



#10
Phenol
Concen: 3.603 ng
RT: 7.324 min Scan# 721
Delta R.T. -0.015 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	94	Resp:	13485
Ion	Ratio	Lower	Upper
94	100		
65	33.9	17.0	57.0
66	75.8	29.8	69.8

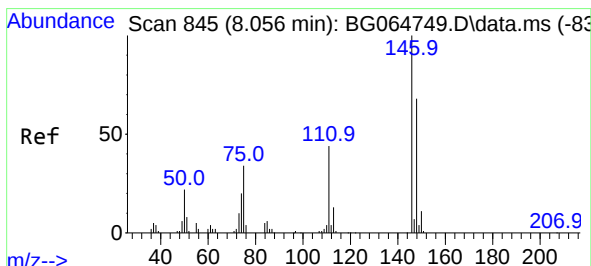
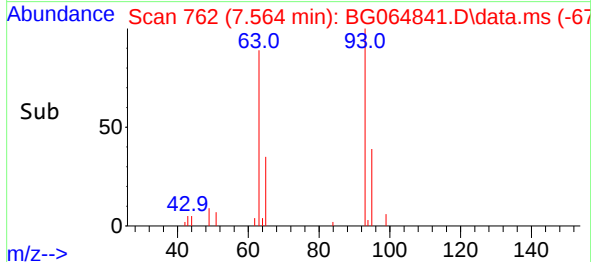
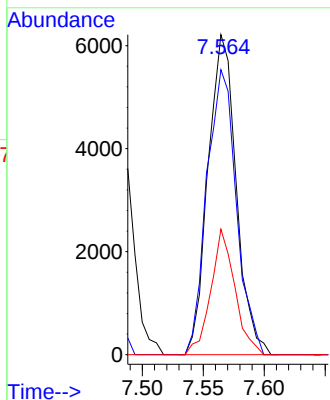
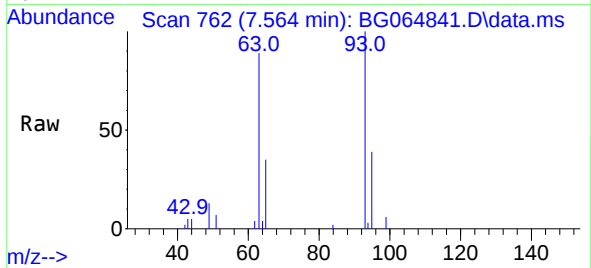




#11
bis(2-Chloroethyl)ether
Concen: 3.745 ng
RT: 7.564 min Scan# 763
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

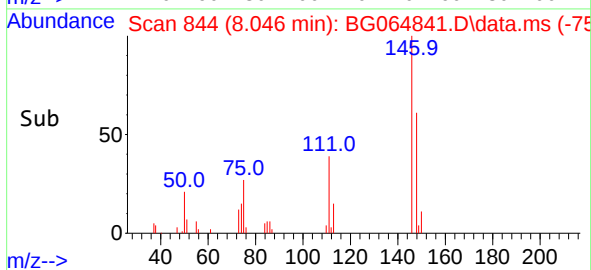
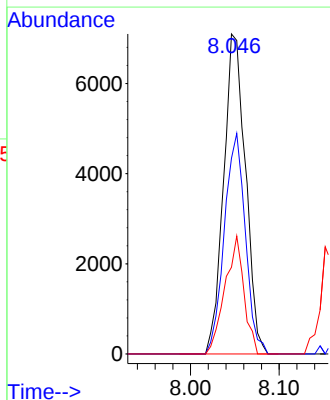
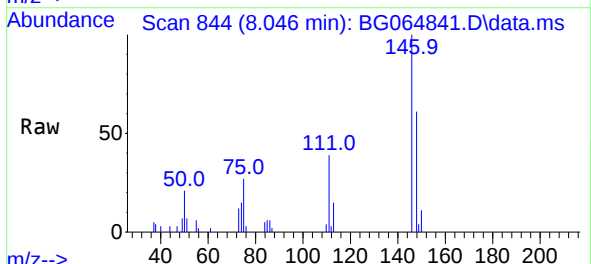
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

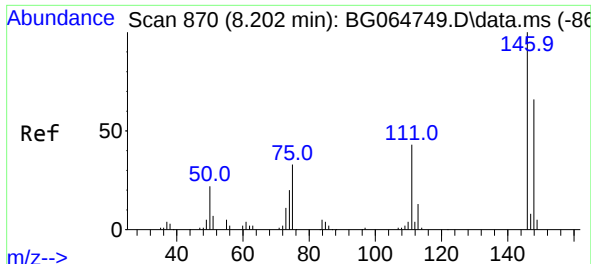
Tgt Ion:	93	Resp:	9974
Ion	Ratio	Lower	Upper
93	100		
63	89.0	81.8	121.8
95	39.2	10.3	50.3



#12
1,3-Dichlorobenzene
Concen: 3.728 ng m
RT: 8.046 min Scan# 844
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	146	Resp:	12183
Ion	Ratio	Lower	Upper
146	100		
148	61.1	54.6	82.0
75	27.1	27.6	41.4#

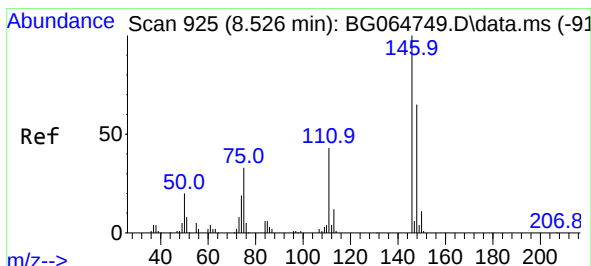
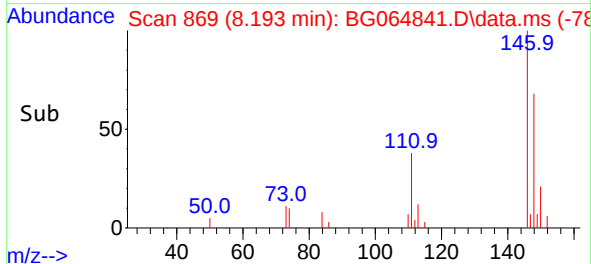
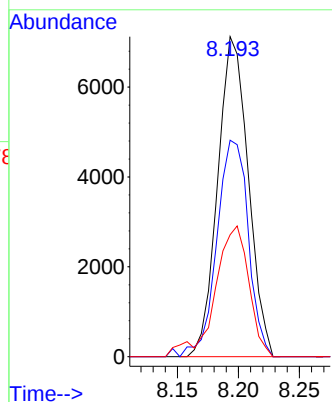
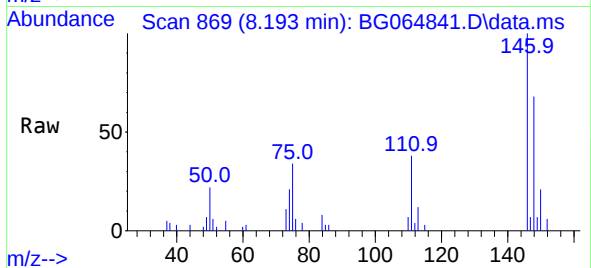




#13
1,4-Dichlorobenzene
Concen: 3.733 ng
RT: 8.193 min Scan# 80
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

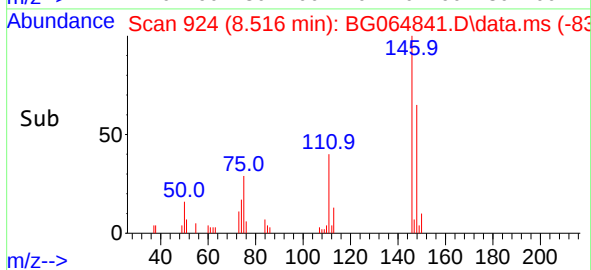
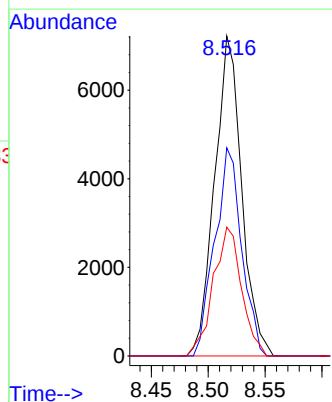
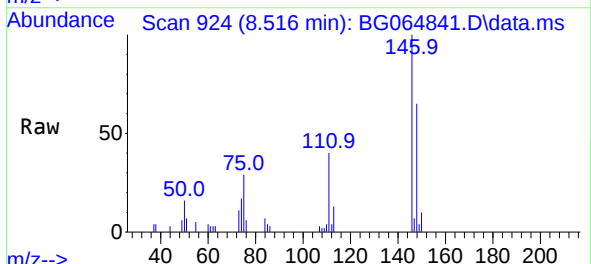
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

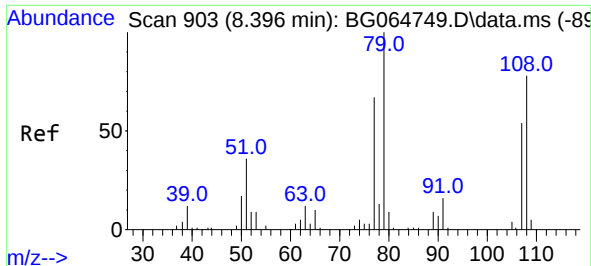
Tgt Ion:146 Resp: 12421
Ion Ratio Lower Upper
146 100
148 67.6 53.1 79.7
111 38.1 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 3.707 ng
RT: 8.516 min Scan# 924
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:146 Resp: 11961
Ion Ratio Lower Upper
146 100
148 65.1 52.0 78.0
111 40.3 34.7 52.1

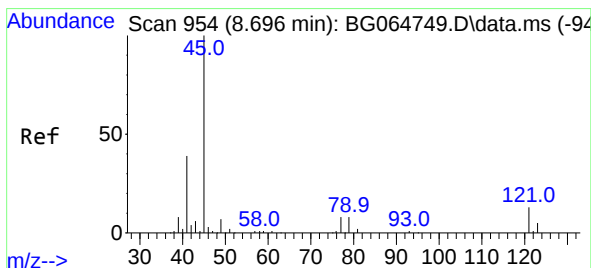
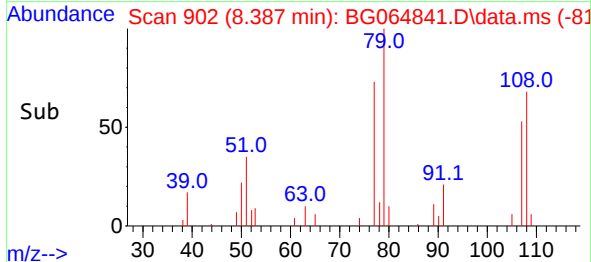
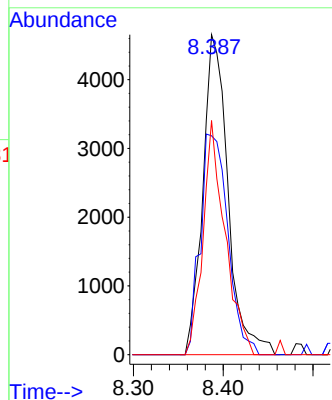
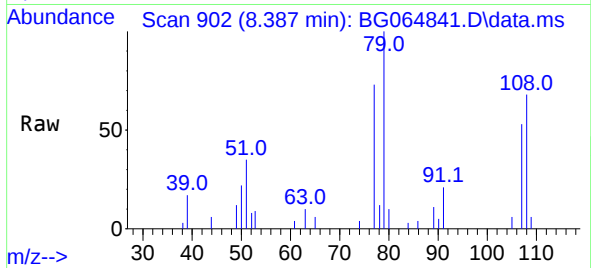




#15
Benzyl Alcohol
Concen: 3.213 ng
RT: 8.387 min Scan# 903
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

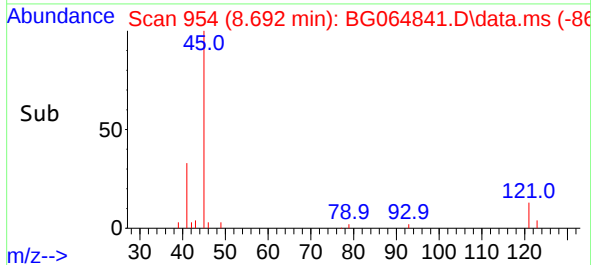
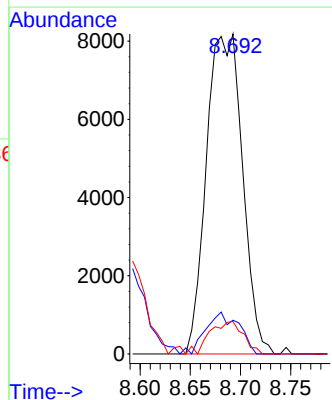
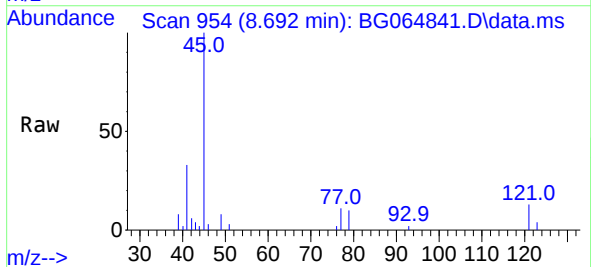
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

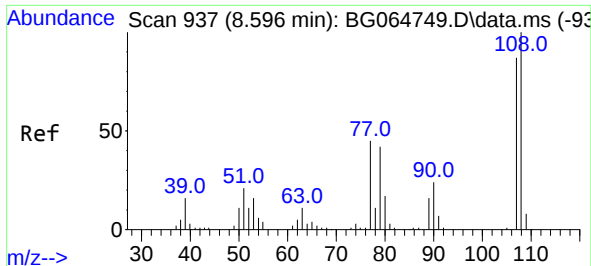
Tgt Ion: 79 Resp: 9073
Ion Ratio Lower Upper
79 100
108 68.4 62.3 93.5
77 73.1 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.237 ng
RT: 8.692 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 45 Resp: 20409
Ion Ratio Lower Upper
45 100
77 10.5 0.0 28.8
79 10.2 0.0 28.1

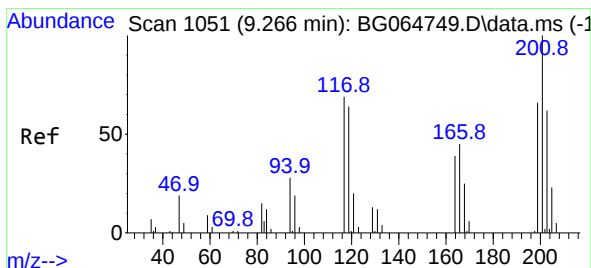
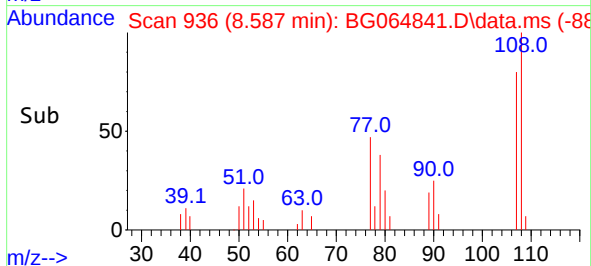
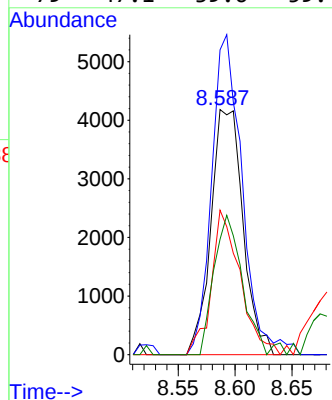
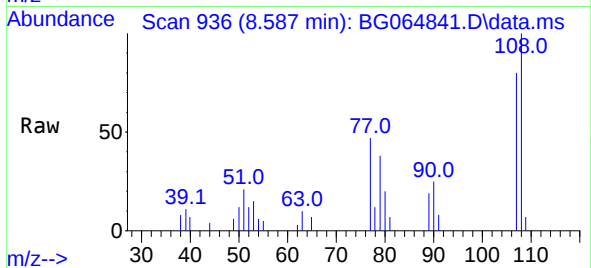




#17
2-Methylphenol
Concen: 3.095 ng
RT: 8.587 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

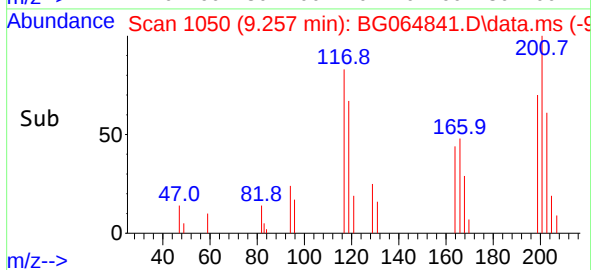
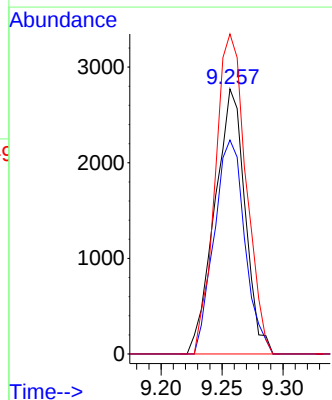
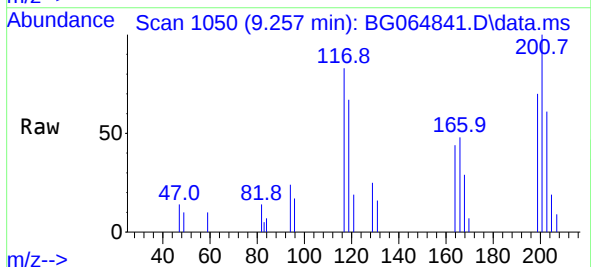
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

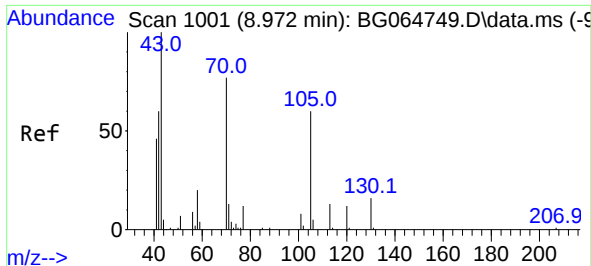
Tgt Ion:	107	Resp:	8196
Ion	Ratio	Lower	Upper
107	100		
108	124.3	92.6	138.8
77	58.9	41.2	61.8
79	47.1	39.6	59.4



#18
Hexachloroethane
Concen: 3.804 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

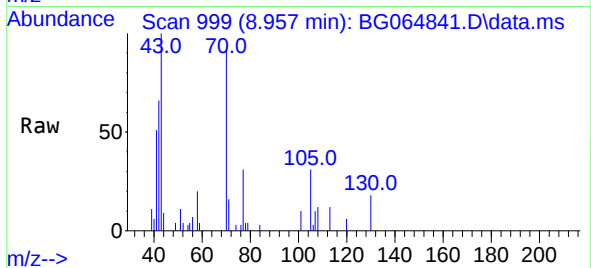
Tgt Ion:	117	Resp:	4794
Ion	Ratio	Lower	Upper
117	100		
119	80.7	74.4	111.6
201	120.7	116.5	174.7





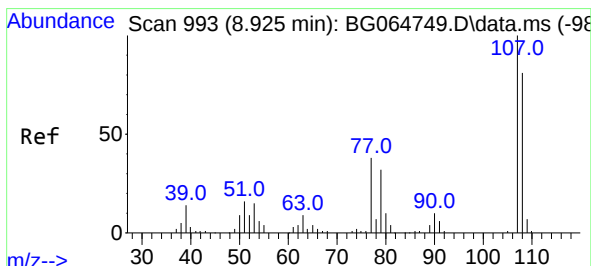
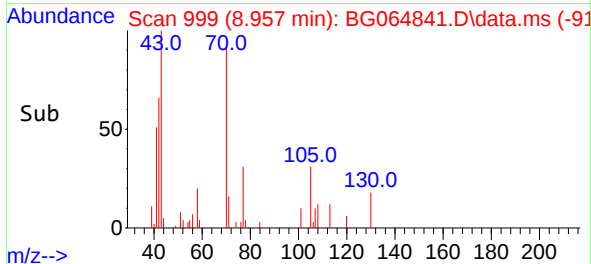
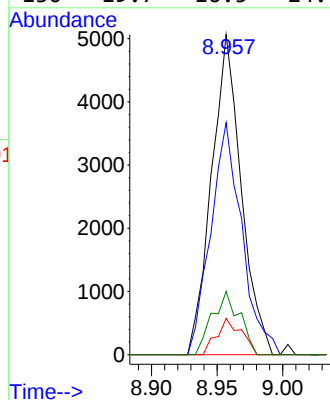
#19
n-Nitroso-di-n-propylamine
Concen: 3.430 ng
RT: 8.957 min Scan# 911
Delta R.T. -0.015 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

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



Tgt Ion: 70 Resp: 7978

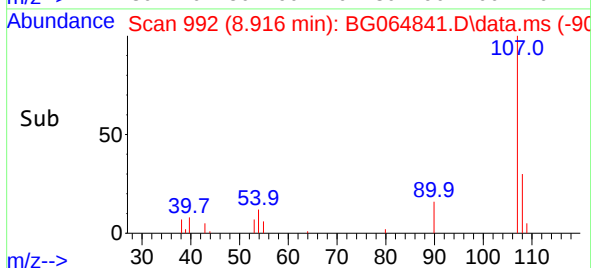
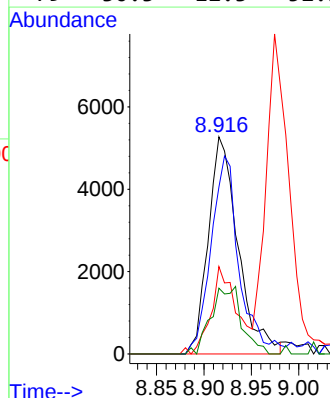
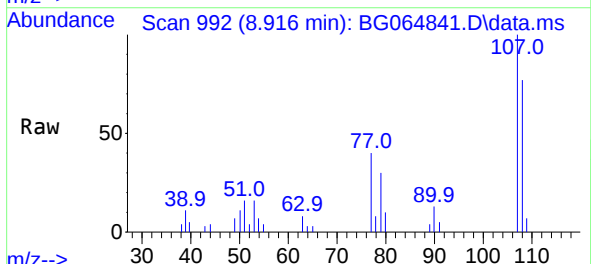
Ion	Ratio	Lower	Upper
70	100		
42	72.5	62.6	93.8
101	11.3	8.0	12.0
130	19.7	16.5	24.7

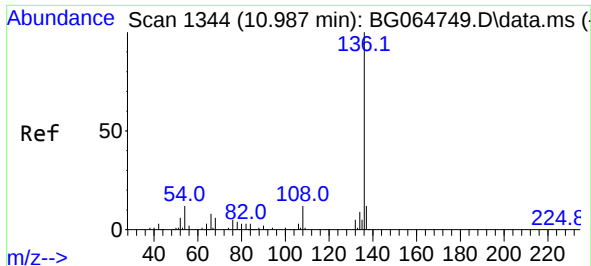


#20
3+4-Methylphenols
Concen: 3.167 ng
RT: 8.916 min Scan# 992
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 107 Resp: 11490

Ion	Ratio	Lower	Upper
107	100		
108	76.9	61.0	101.0
77	40.2	17.6	57.6
79	30.3	12.3	52.3

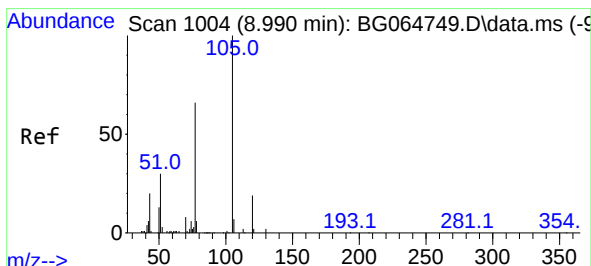
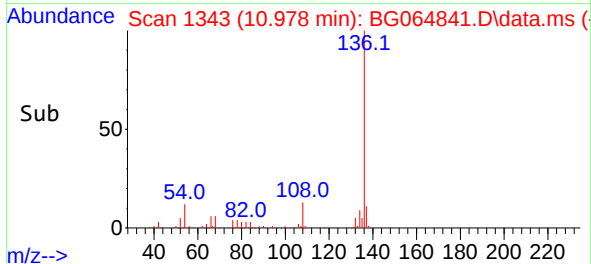
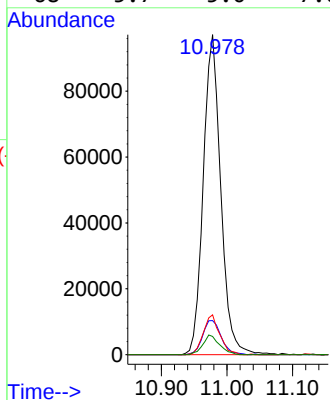
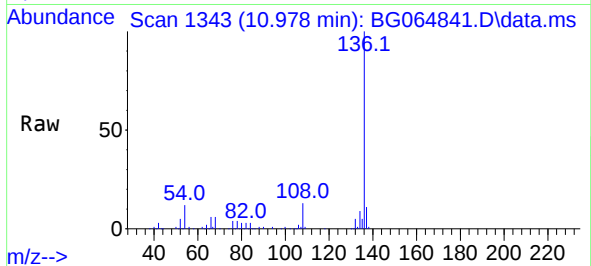




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

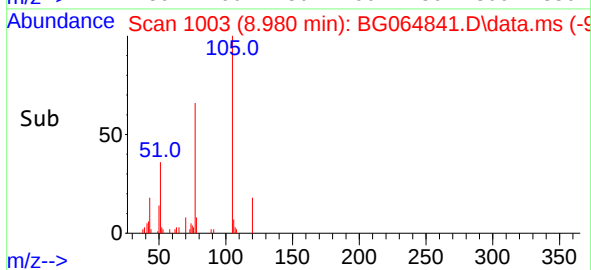
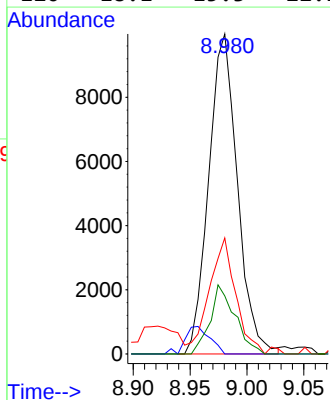
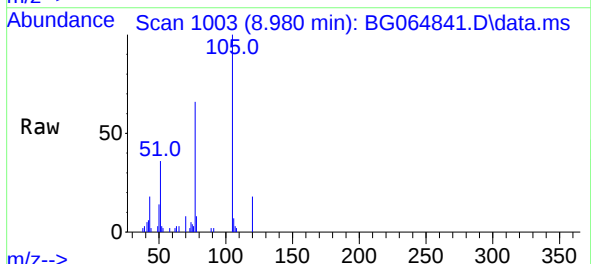
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

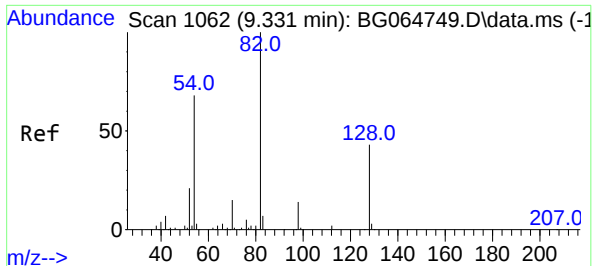
Tgt Ion:	136	Resp:	180131
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.3	13.9
54	12.5	9.3	13.9
68	5.7	5.0	7.6



#22
Acetophenone
Concen: 3.574 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	105	Resp:	17538
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.3	1.9
51	36.2	27.9	41.9
120	18.1	15.3	22.9





#23

Nitrobenzene-d5

Concen: 78.725 ng

RT: 9.321 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025

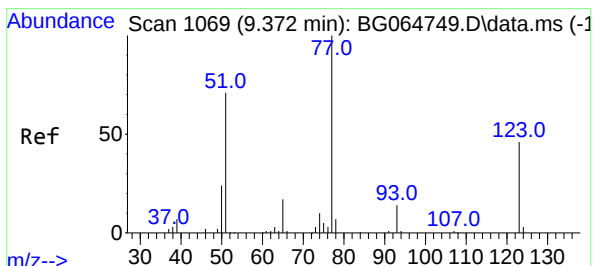
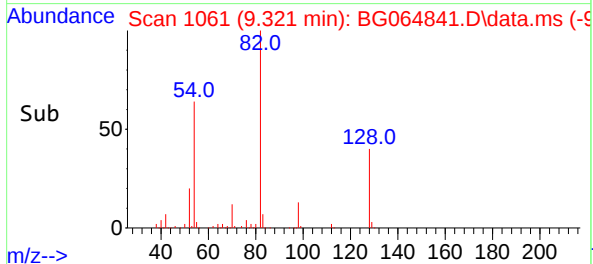
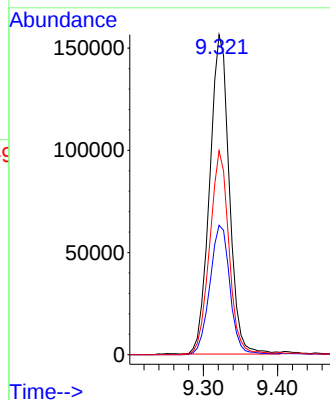
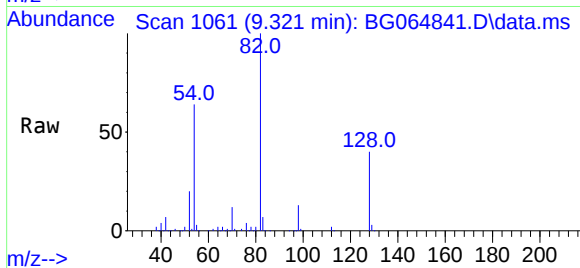
Tgt Ion: 82 Resp: 286813

Ion Ratio Lower Upper

82 100

128 40.5 34.1 51.1

54 63.7 54.3 81.5



#24

Nitrobenzene

Concen: 3.775 ng

RT: 9.362 min Scan# 1068

Delta R.T. -0.009 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

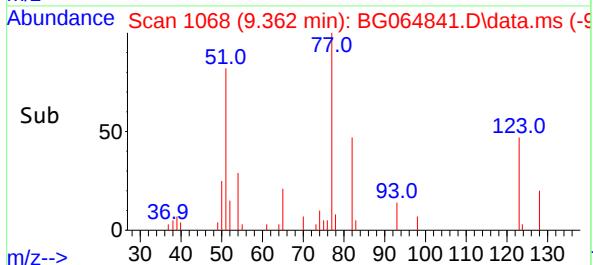
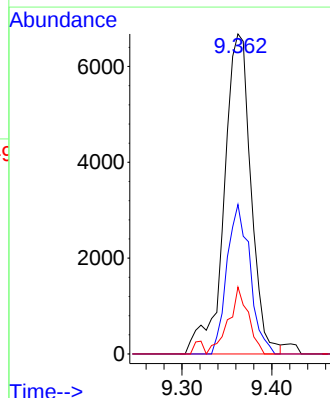
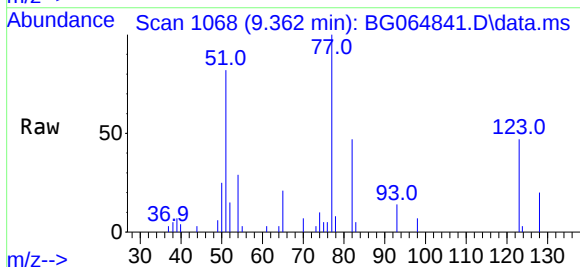
Tgt Ion: 77 Resp: 13898

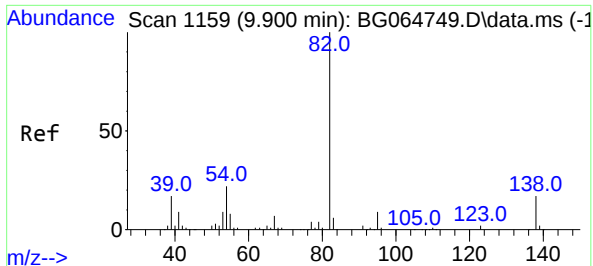
Ion Ratio Lower Upper

77 100

123 46.7 36.5 54.7

65 20.9 13.5 20.3#

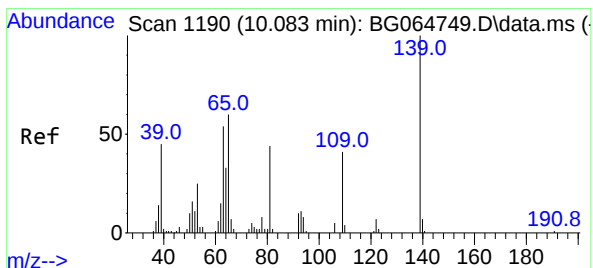
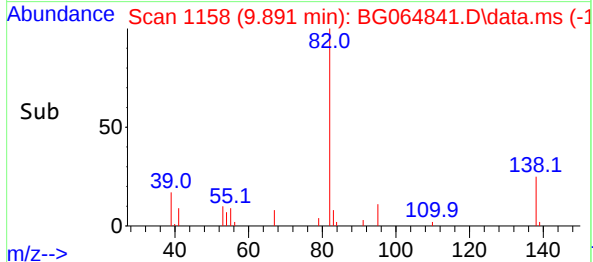
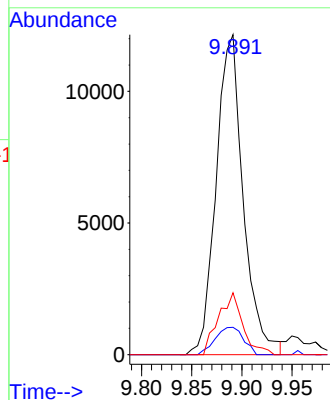
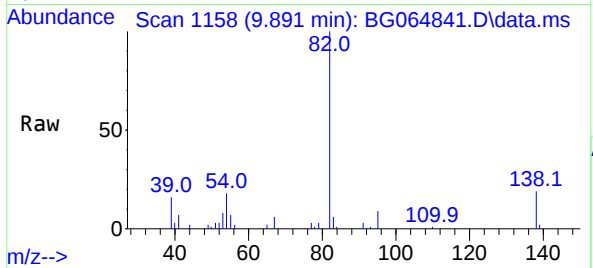




#25
Isophorone
Concen: 3.287 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

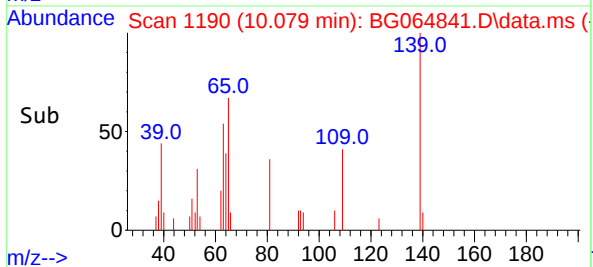
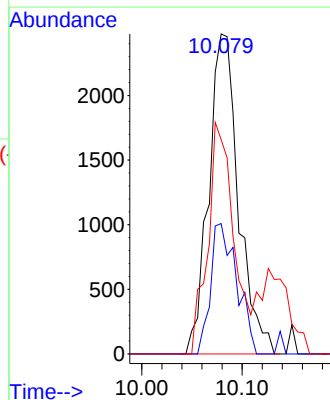
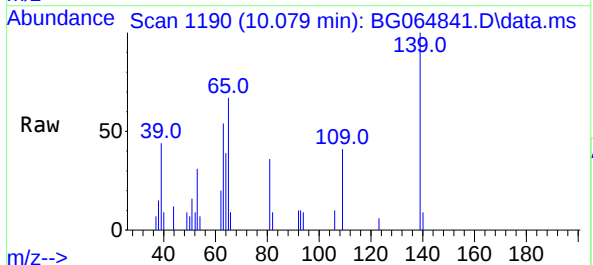
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

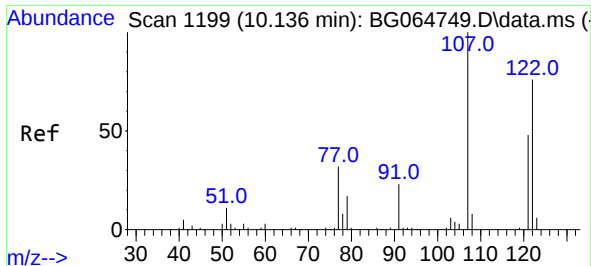
Tgt Ion:	82	Resp:	22808
Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.9	10.3
138	19.4	13.9	20.9



#26
2-Nitrophenol
Concen: 3.081 ng
RT: 10.079 min Scan# 1190
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	139	Resp:	5102
Ion	Ratio	Lower	Upper
139	100		
109	40.8	32.5	48.7
65	67.0	47.6	71.4

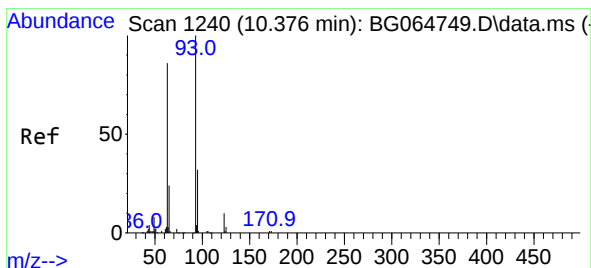
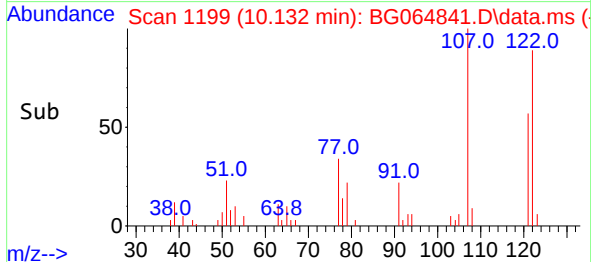
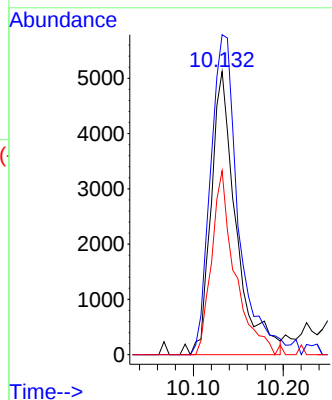
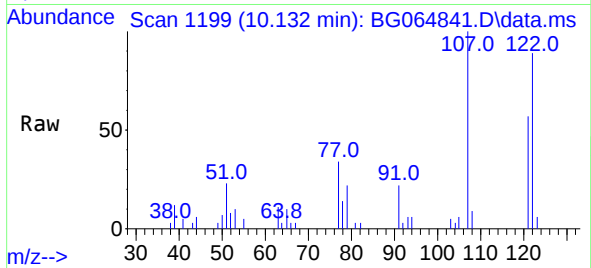




#27
2,4-Dimethylphenol
Concen: 3.379 ng
RT: 10.132 min Scan# 1199
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

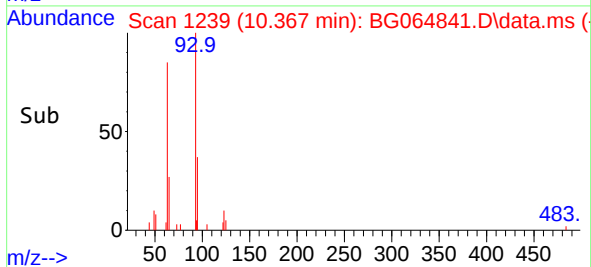
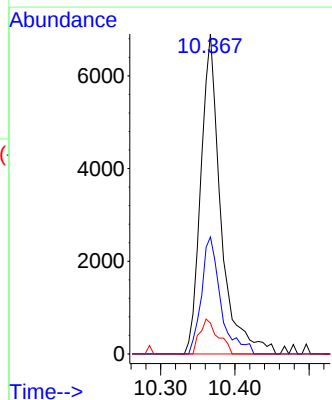
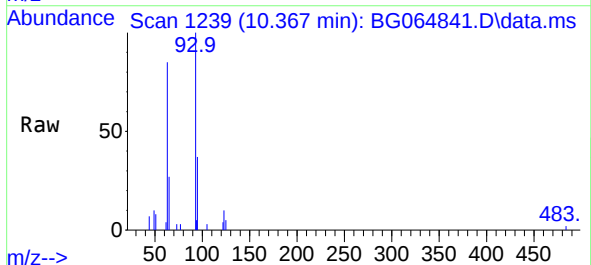
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

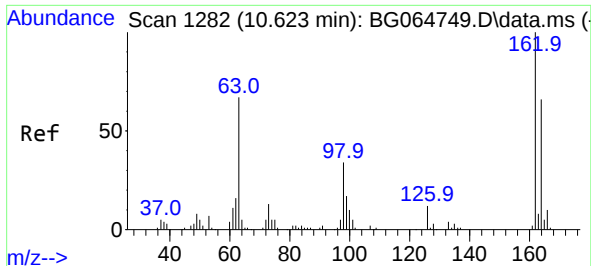
Tgt Ion:122 Resp: 9941
Ion Ratio Lower Upper
122 100
107 113.0 102.5 153.7
121 64.9 49.0 73.6



#28
bis(2-Chloroethoxy)methane
Concen: 3.388 ng
RT: 10.367 min Scan# 1239
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion: 93 Resp: 12903
Ion Ratio Lower Upper
93 100
95 36.5 25.4 38.2
123 9.6 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 3.259 ng

RT: 10.620 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025

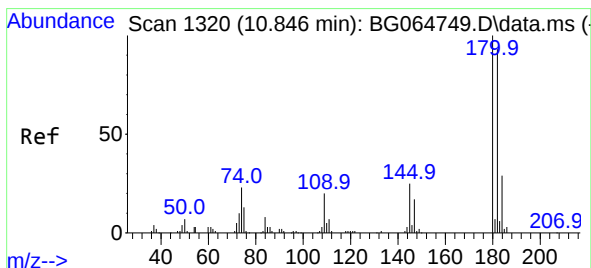
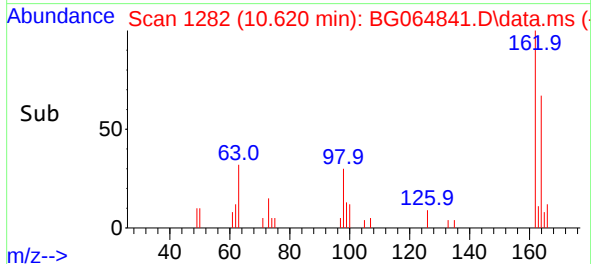
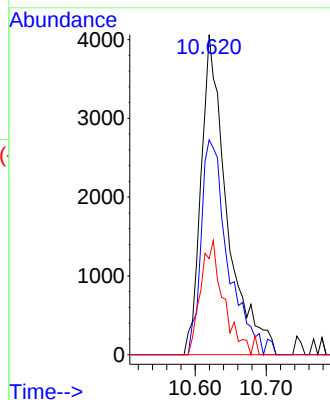
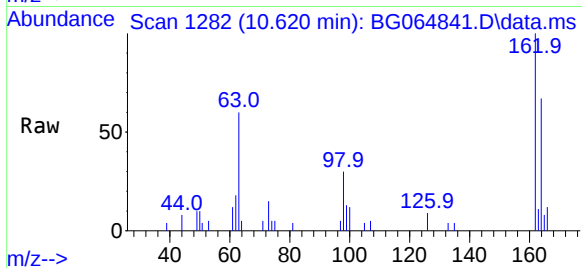
Tgt Ion:162 Resp: 10291

Ion Ratio Lower Upper

162 100

164 67.2 46.0 86.0

98 30.0 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 3.698 ng

RT: 10.837 min Scan# 1319

Delta R.T. -0.009 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

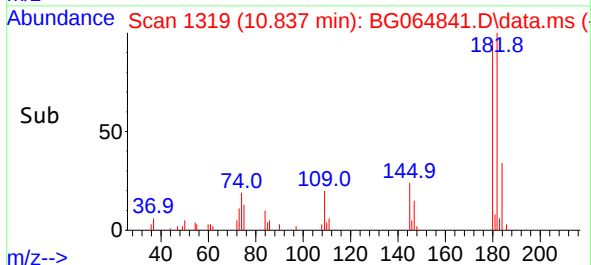
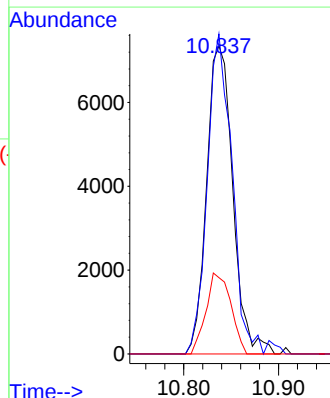
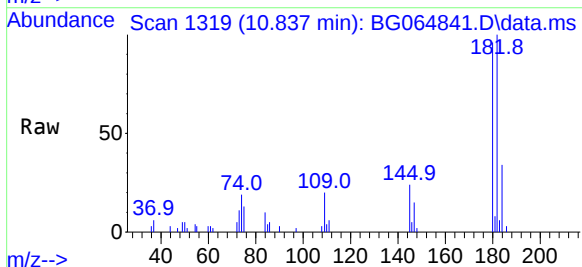
Tgt Ion:180 Resp: 14101

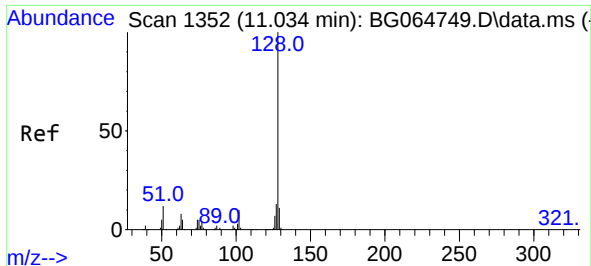
Ion Ratio Lower Upper

180 100

182 103.9 74.2 111.4

145 24.8 20.0 30.0

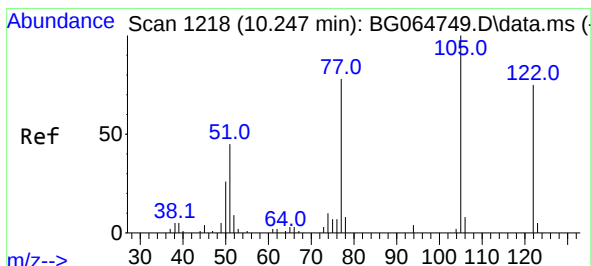
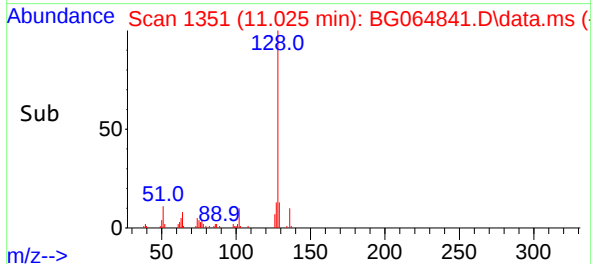
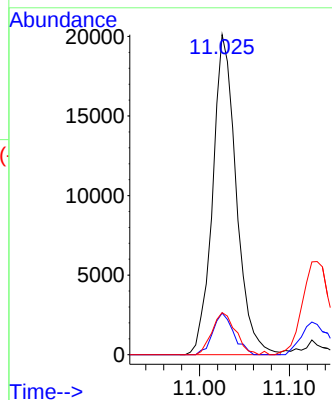
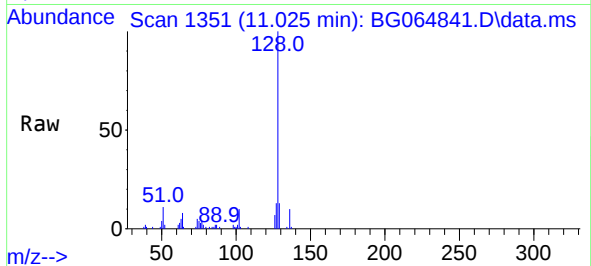




#31
Naphthalene
Concen: 3.595 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

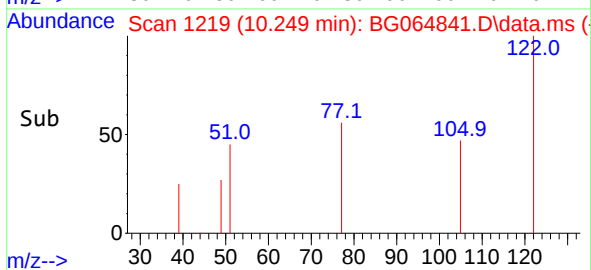
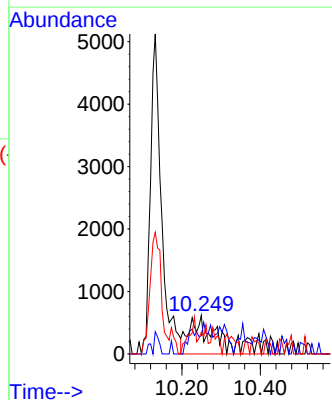
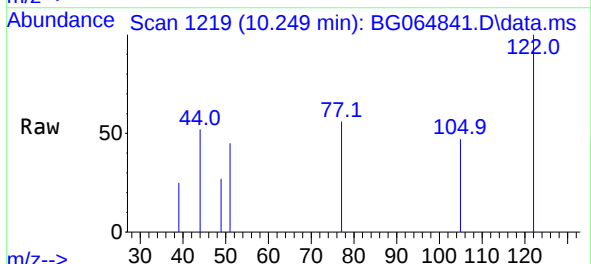
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

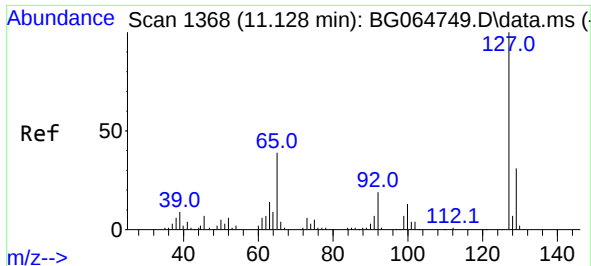
Tgt Ion:128 Resp: 36709
Ion Ratio Lower Upper
128 100
129 13.0 8.6 12.8#
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 7.431 ng m
RT: 10.249 min Scan# 1219
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

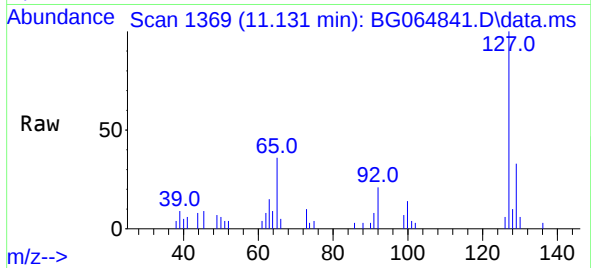
Tgt Ion:122 Resp: 3666
Ion Ratio Lower Upper
122 100
105 47.2 107.6 147.6#
77 56.4 82.5 122.5#



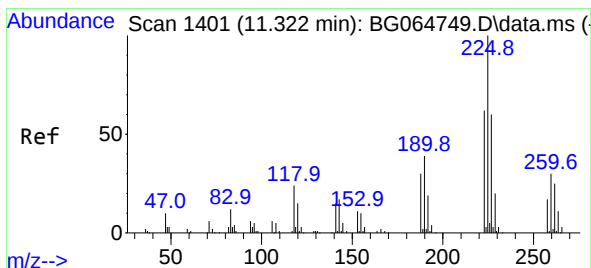
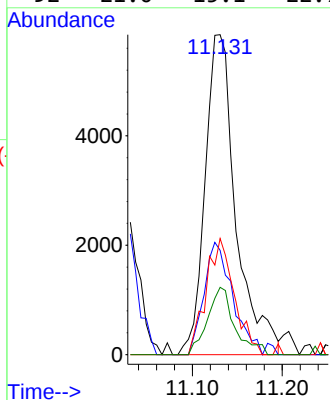
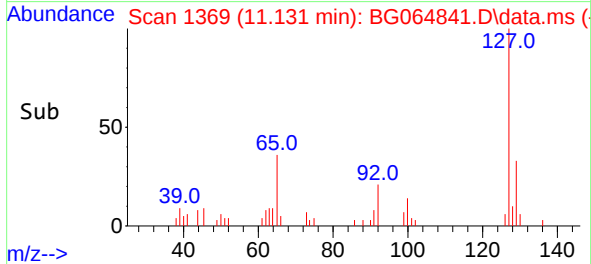


#33
4-Chloroaniline
Concen: 3.408 ng
RT: 11.131 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

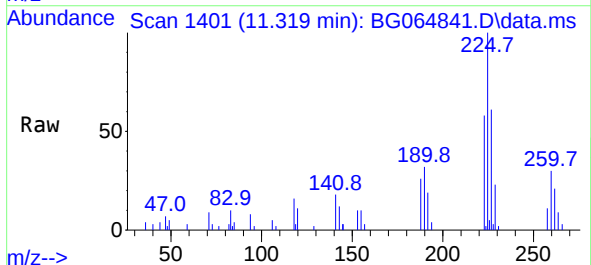
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025



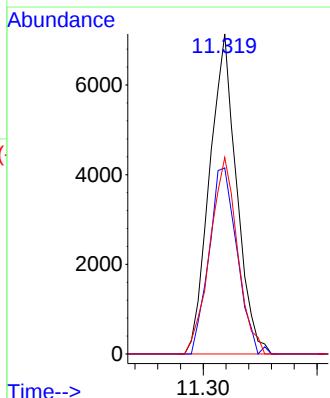
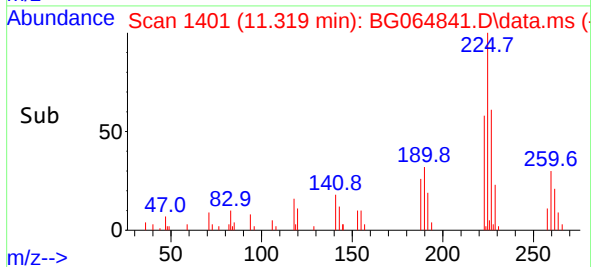
Tgt Ion:	127	Resp:	13922
Ion	Ratio	Lower	Upper
127	100		
129	32.6	24.9	37.3
65	36.3	30.9	46.3
92	21.0	15.1	22.7

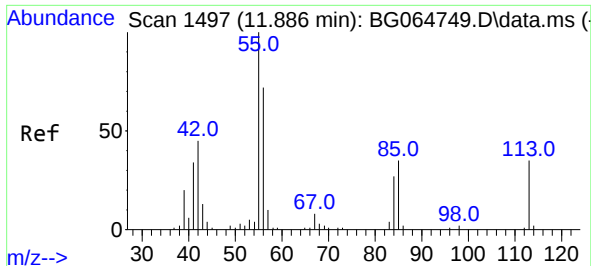


#34
Hexachlorobutadiene
Concen: 3.606 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20



Tgt Ion:	225	Resp:	11799
Ion	Ratio	Lower	Upper
225	100		
223	57.4	49.9	74.9
227	58.3	50.6	75.8

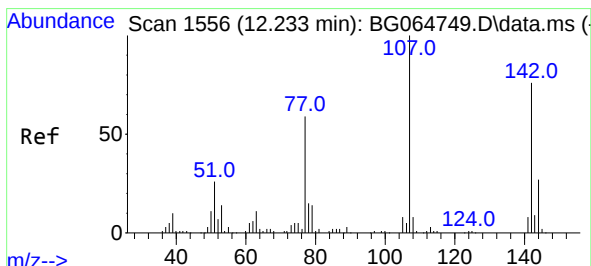
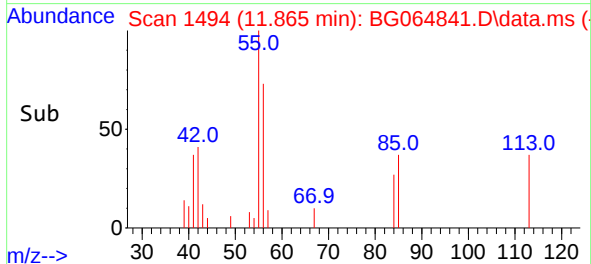
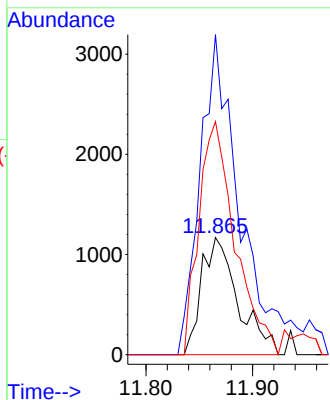
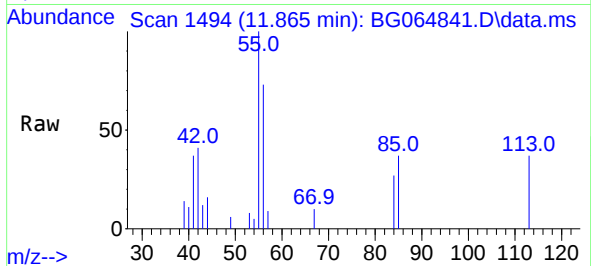




#35
Caprolactam
Concen: 2.946 ng
RT: 11.865 min Scan# 1494
Delta R.T. -0.021 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

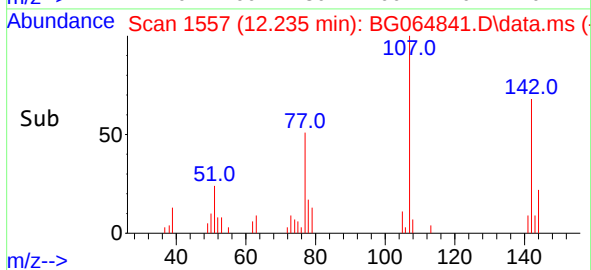
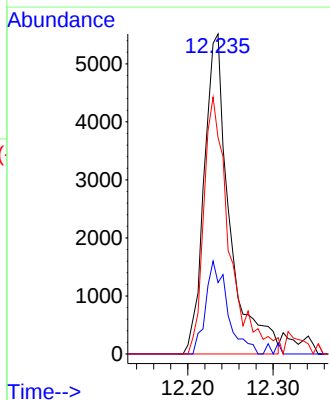
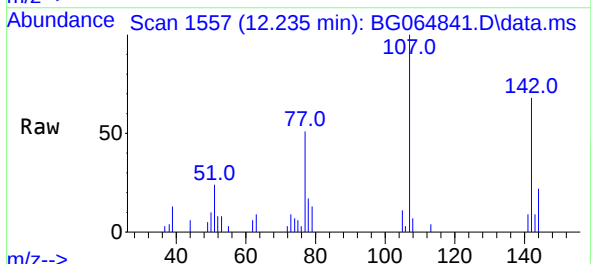
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

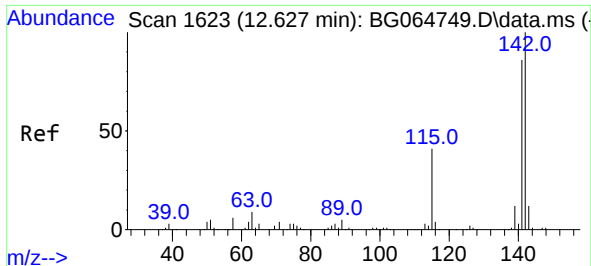
Tgt Ion:113 Resp: 2783
Ion Ratio Lower Upper
113 100
55 273.1 263.7 303.7
56 199.0 184.0 224.0



#36
4-Chloro-3-methylphenol
Concen: 3.243 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:107 Resp: 11400
Ion Ratio Lower Upper
107 100
144 22.3 21.7 32.5
142 67.6 60.8 91.2





#37

2-Methylnaphthalene

Concen: 3.271 ng

RT: 12.617 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG064841.D

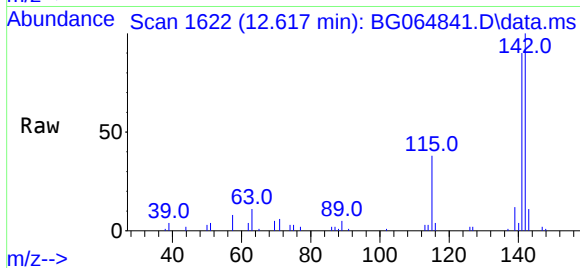
Acq: 21 Nov 2025 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025



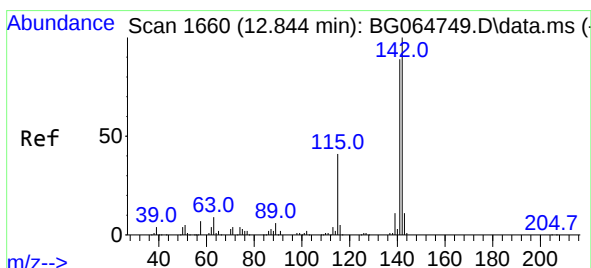
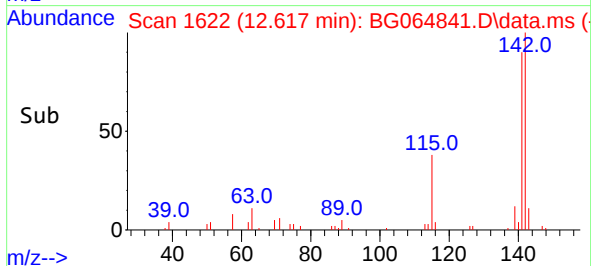
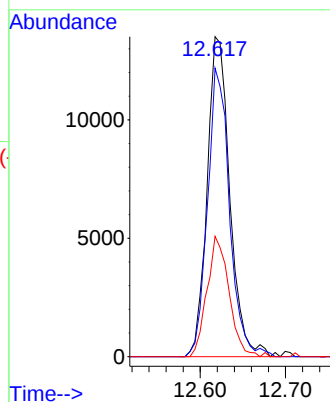
Tgt Ion:142 Resp: 24993

Ion Ratio Lower Upper

142 100

141 90.2 69.1 103.7

115 37.6 32.9 49.3



#38

1-Methylnaphthalene

Concen: 3.396 ng

RT: 12.841 min Scan# 1660

Delta R.T. -0.004 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

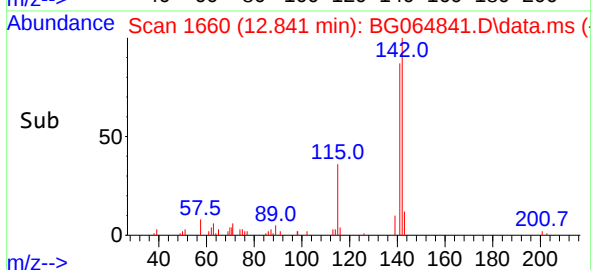
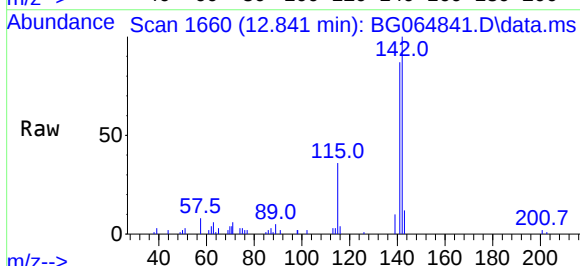
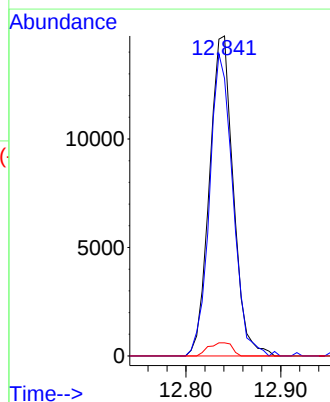
Tgt Ion:142 Resp: 25781

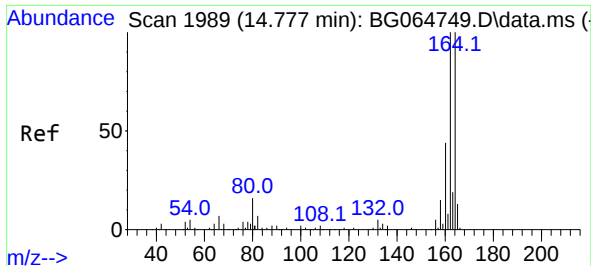
Ion Ratio Lower Upper

142 100

141 86.8 70.8 106.2

116 4.1 3.7 5.5

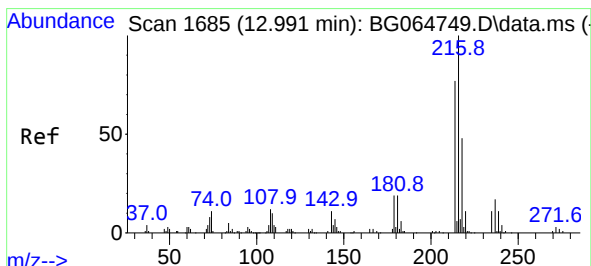
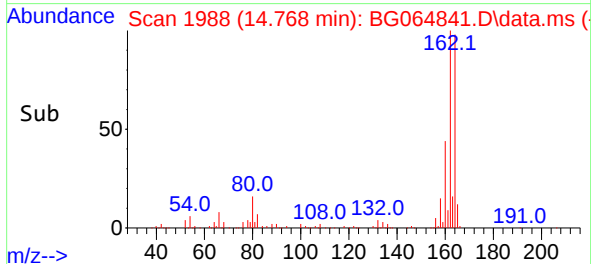
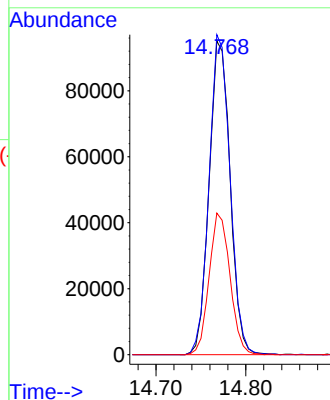
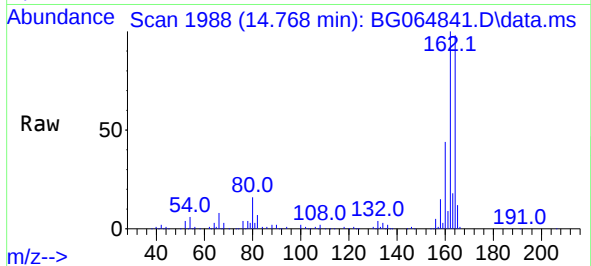




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.768 min Scan# 1988
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

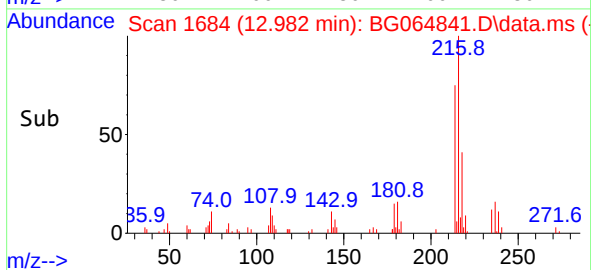
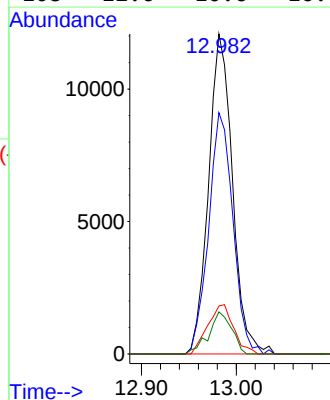
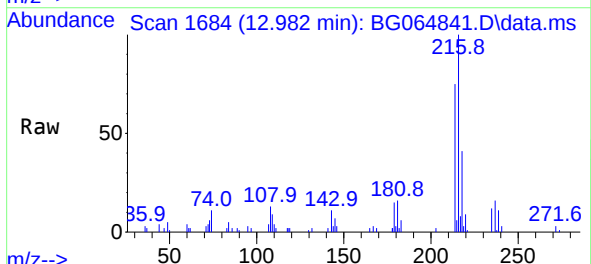
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

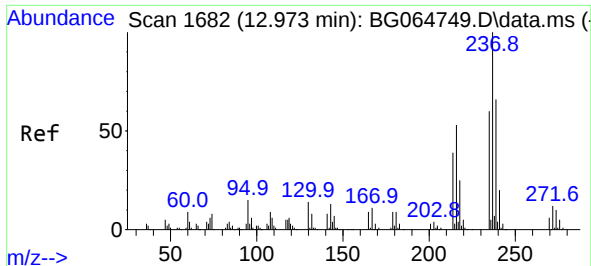
Tgt Ion:164 Resp: 154529
Ion Ratio Lower Upper
164 100
162 102.0 79.8 119.6
160 45.2 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.523 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

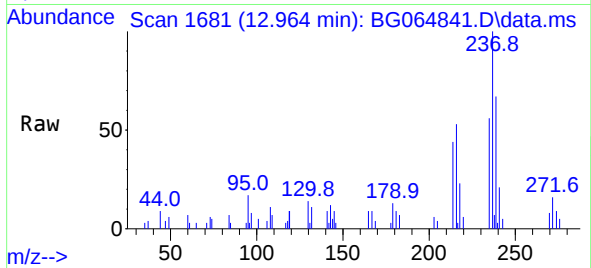
Tgt Ion:216 Resp: 21186
Ion Ratio Lower Upper
216 100
214 76.8 60.5 90.7
179 16.7 14.7 22.1
108 12.6 10.6 16.0



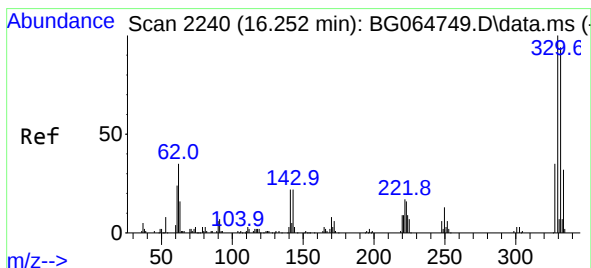
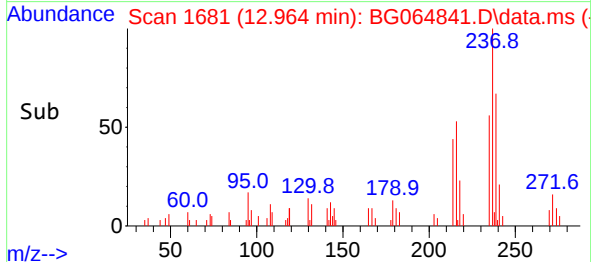
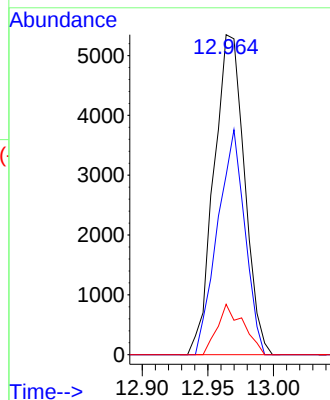


#41
Hexachlorocyclopentadiene
Concen: 2.009 ng
RT: 12.964 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

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

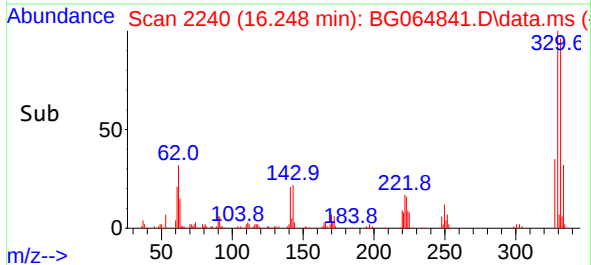
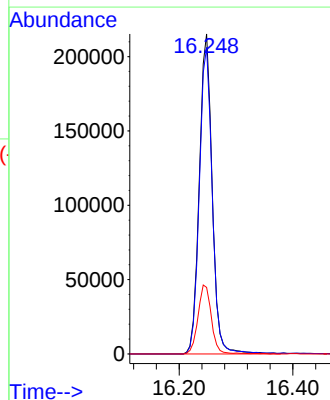
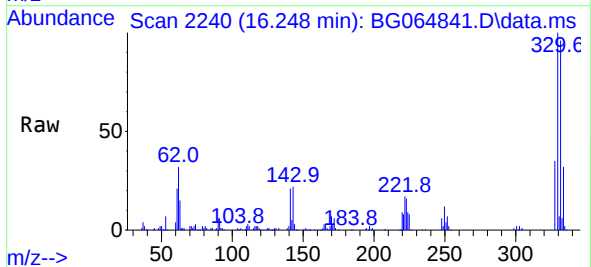


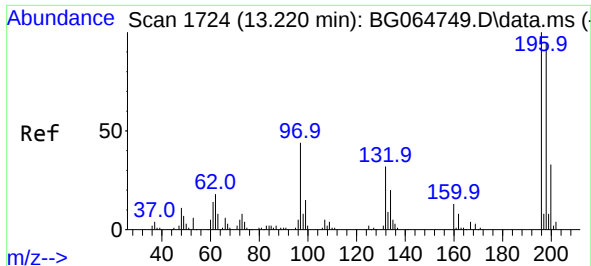
Tgt Ion:237 Resp: 8661
Ion Ratio Lower Upper
237 100
235 56.0 40.2 80.2
272 15.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 112.617 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:330 Resp: 339403
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 22.4 18.2 27.2





#43

2,4,6-Trichlorophenol

Concen: 3.105 ng

RT: 13.217 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG064841.D

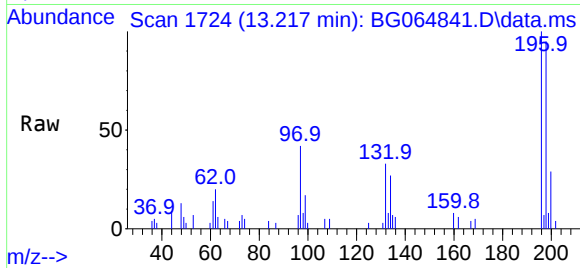
Acq: 21 Nov 2025 12:20

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2025



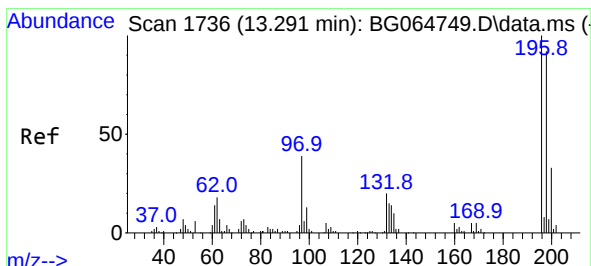
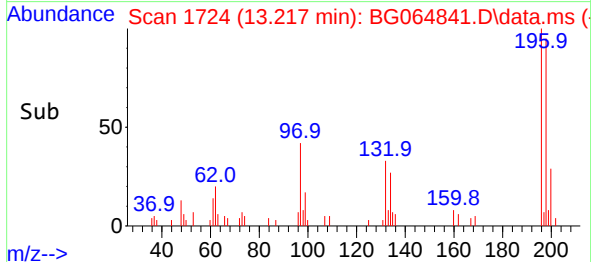
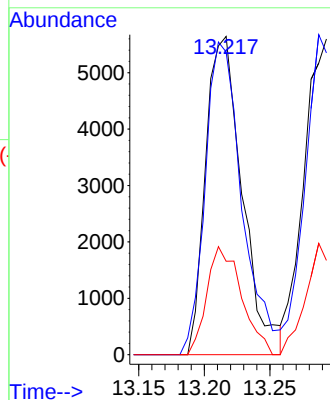
Tgt Ion:196 Resp: 10960

Ion Ratio Lower Upper

196 100

198 95.1 75.3 112.9

200 29.4 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 3.467 ng

RT: 13.293 min Scan# 1737

Delta R.T. 0.002 min

Lab File: BG064841.D

Acq: 21 Nov 2025 12:20

Tgt Ion:196 Resp: 13725

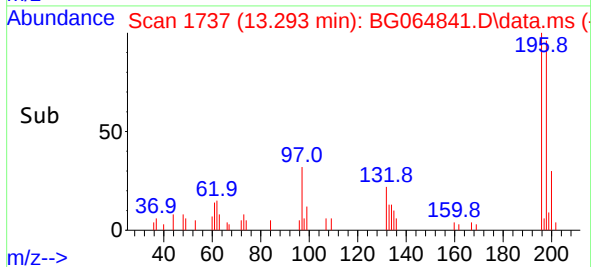
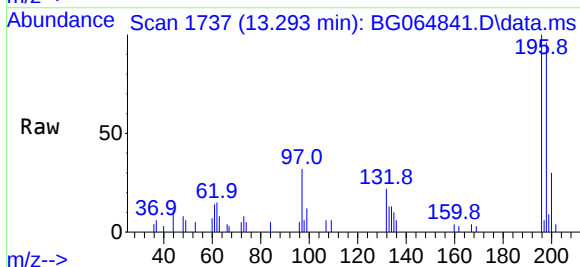
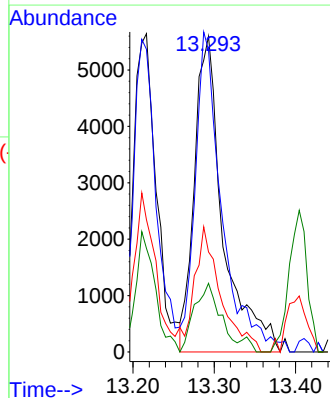
Ion Ratio Lower Upper

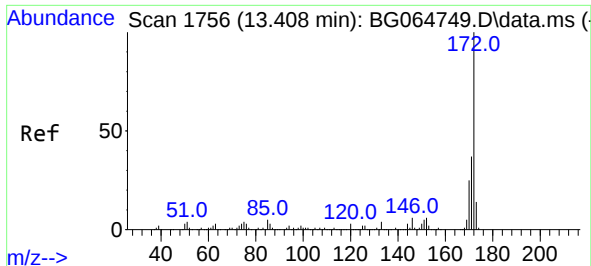
196 100

198 95.6 73.2 109.8

97 31.7 31.4 47.0

132 21.7 15.9 23.9

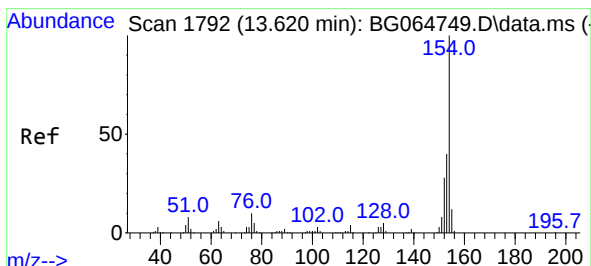
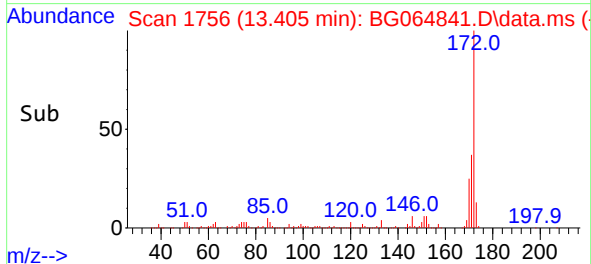
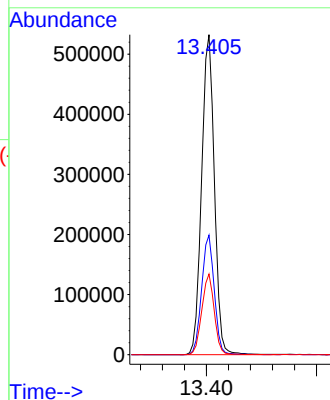
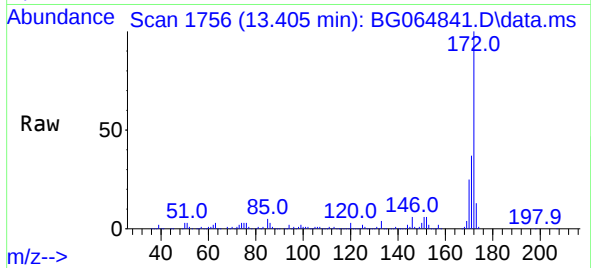




#45
2-Fluorobiphenyl
Concen: 77.300 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

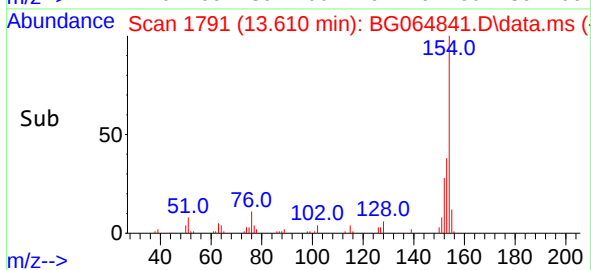
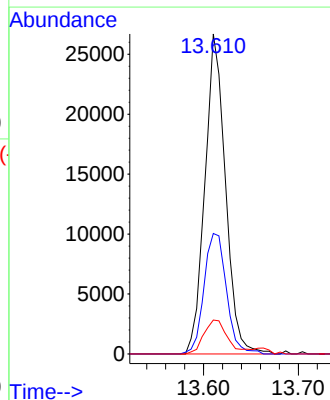
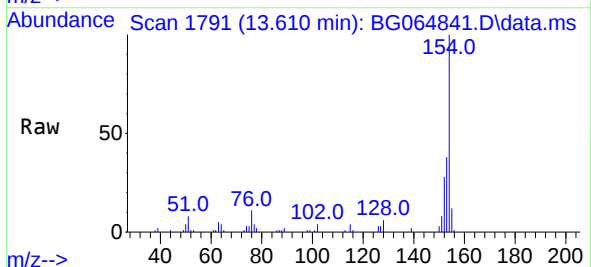
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

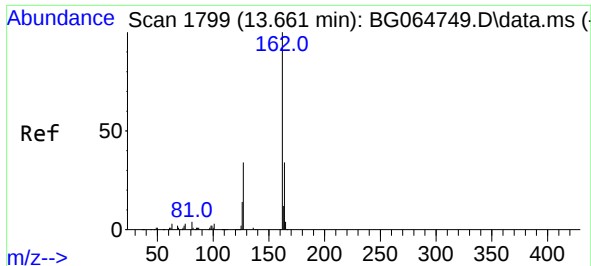
Tgt Ion:172 Resp: 856068
Ion Ratio Lower Upper
172 100
171 37.3 29.9 44.9
170 25.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 3.622 ng
RT: 13.610 min Scan# 1791
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:154 Resp: 40199
Ion Ratio Lower Upper
154 100
153 37.6 19.8 59.8
76 10.6 0.0 30.0

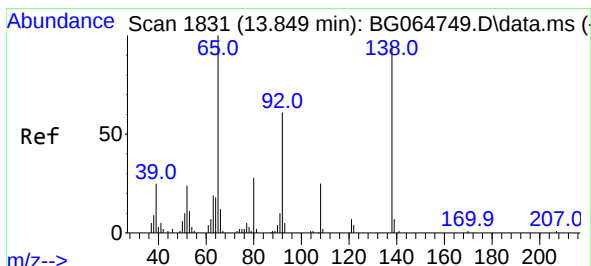
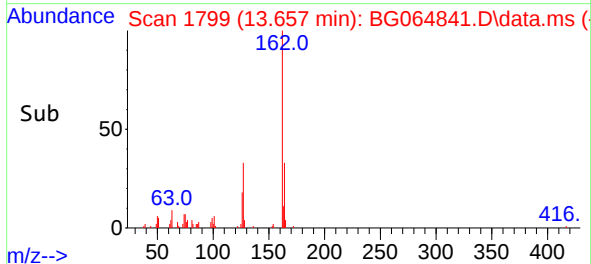
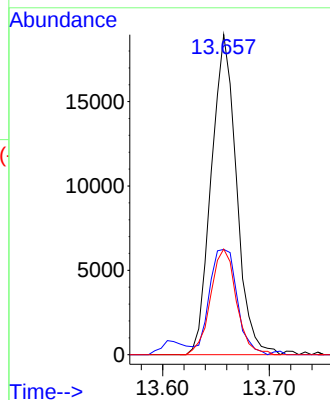
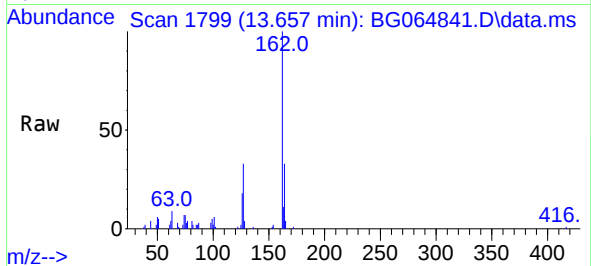




#47
2-Chloronaphthalene
Concen: 3.555 ng
RT: 13.657 min Scan# 1799
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

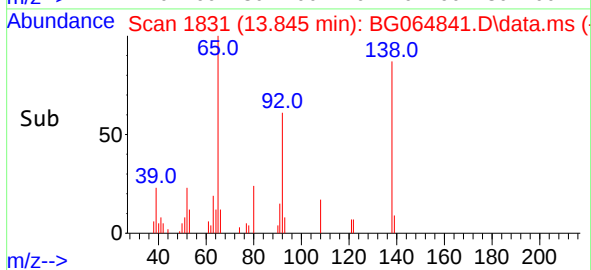
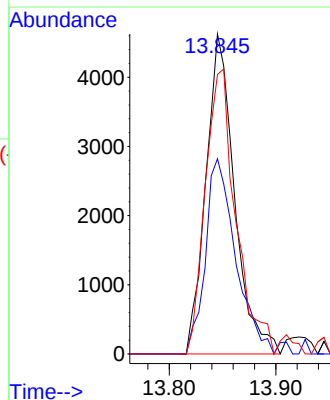
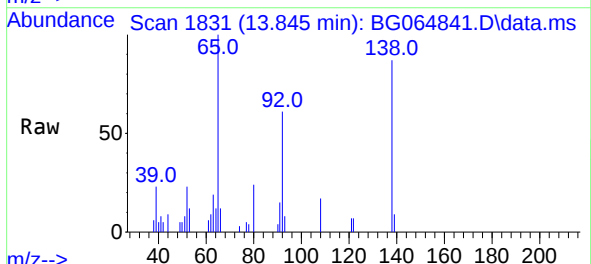
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

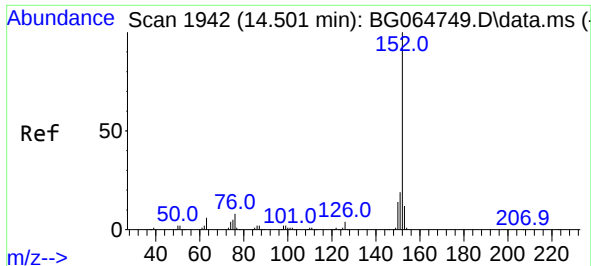
Tgt Ion:	162	Resp:	31089
Ion Ratio	Lower	Upper	
162	100		
127	32.9	30.3	45.5
164	33.0	26.8	40.2



#48
2-Nitroaniline
Concen: 3.071 ng
RT: 13.845 min Scan# 1831
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	65	Resp:	8636
Ion Ratio	Lower	Upper	
65	100		
92	61.0	48.6	73.0
138	87.4	76.4	114.6

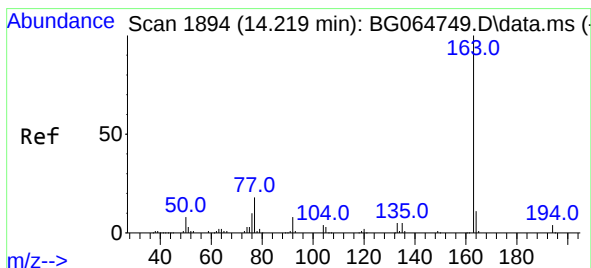
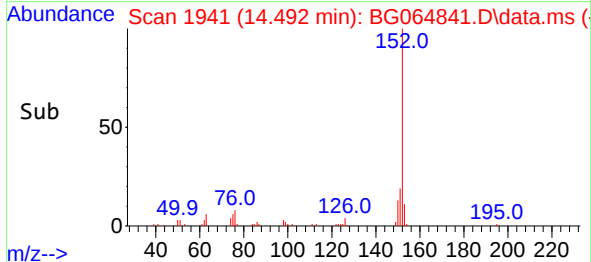
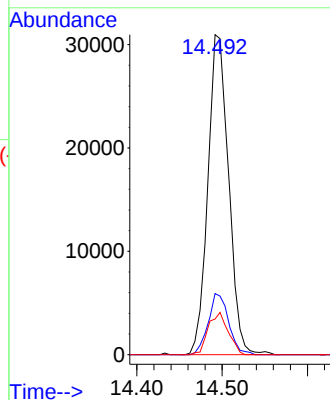
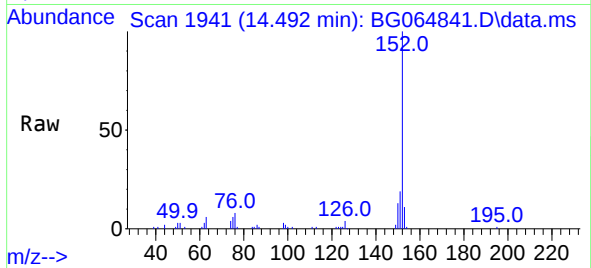




#49
Acenaphthylene
Concen: 3.512 ng
RT: 14.492 min Scan# 1942
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

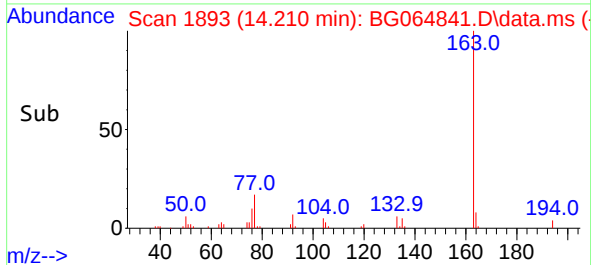
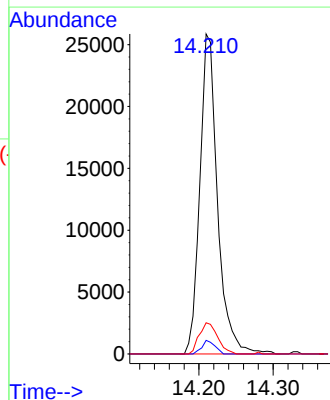
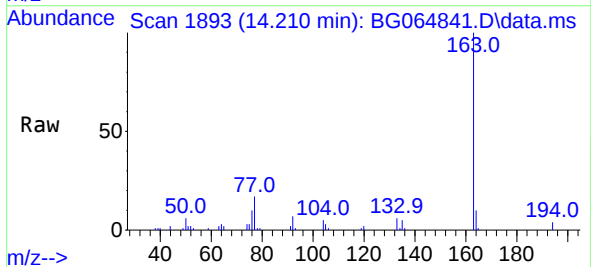
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

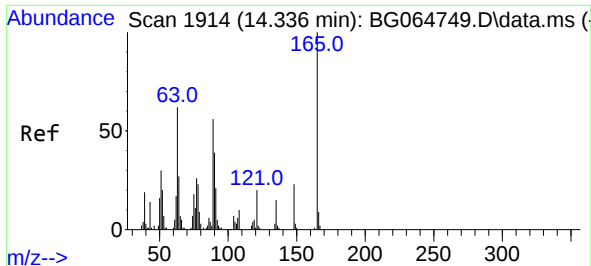
Tgt Ion:	152	Resp:	52460
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.0	22.4
153	11.1	9.9	14.9



#50
Dimethylphthalate
Concen: 3.517 ng
RT: 14.210 min Scan# 1893
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	163	Resp:	42933
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.1	4.7
164	9.8	8.6	12.8

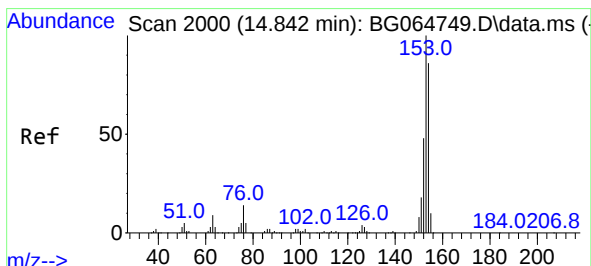
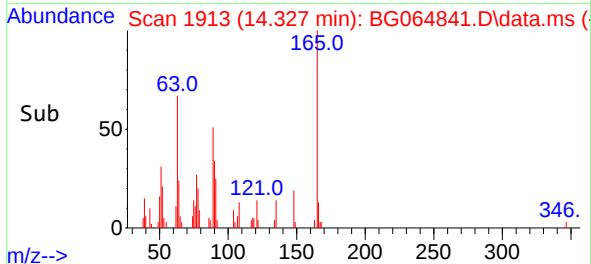
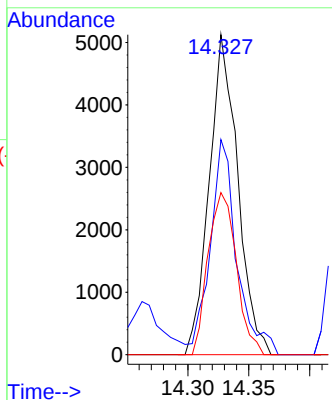
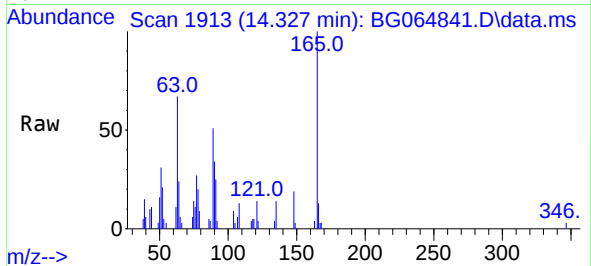




#51
2,6-Dinitrotoluene
Concen: 3.551 ng
RT: 14.327 min Scan# 1914
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

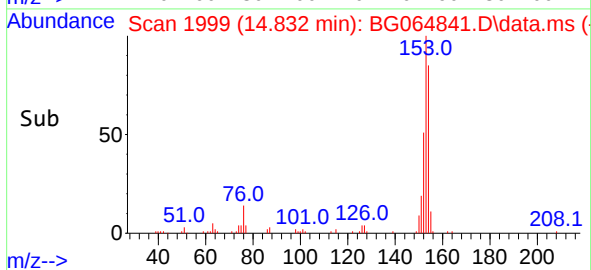
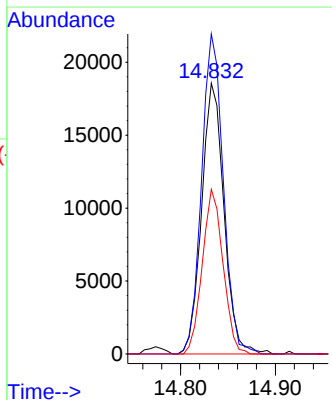
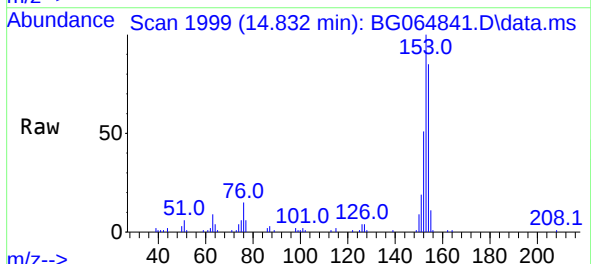
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

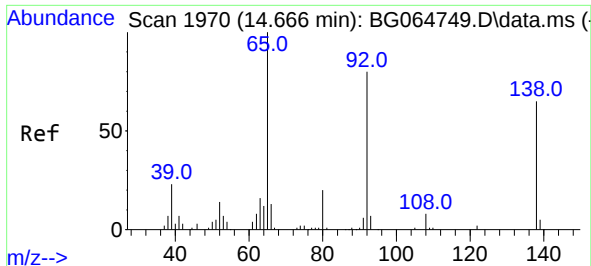
Tgt Ion:	165	Resp:	8342
Ion	Ratio	Lower	Upper
165	100		
63	67.2	49.8	74.8
89	50.7	45.0	67.4



#52
Acenaphthene
Concen: 3.399 ng
RT: 14.832 min Scan# 1999
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	154	Resp:	30447
Ion	Ratio	Lower	Upper
154	100		
153	118.2	93.0	139.4
152	60.8	44.4	66.6

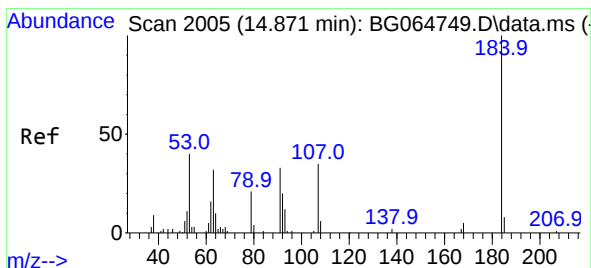
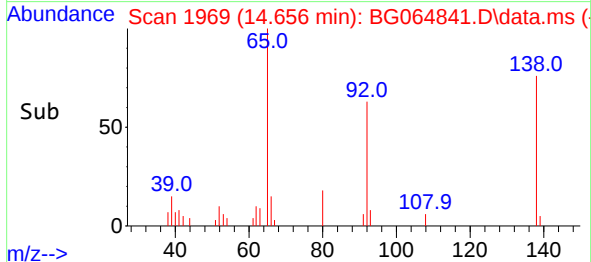
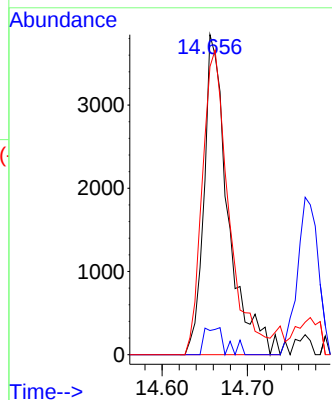
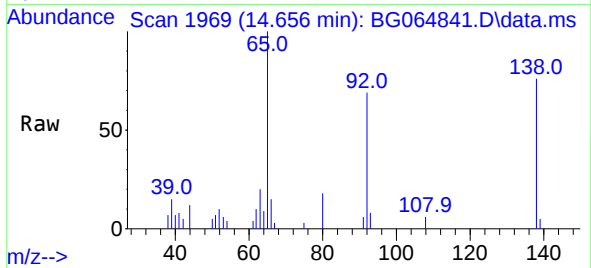




#53
3-Nitroaniline
Concen: 3.258 ng
RT: 14.656 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

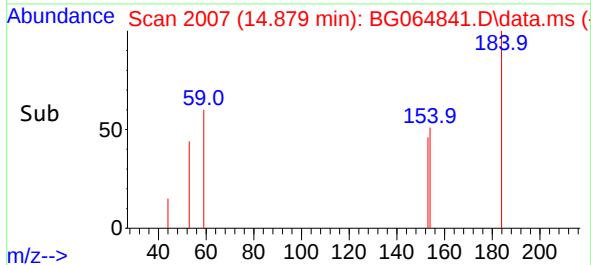
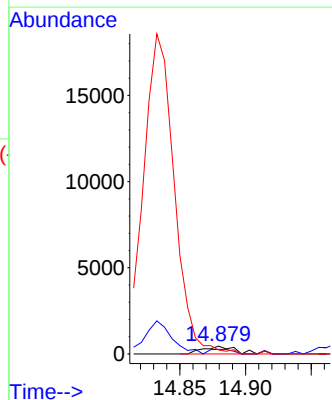
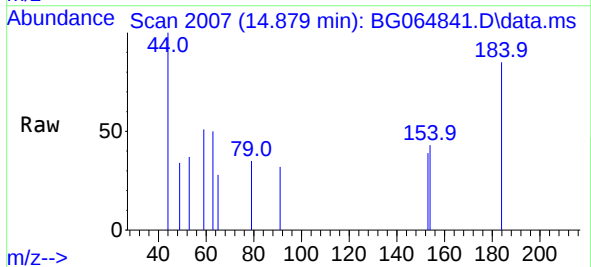
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

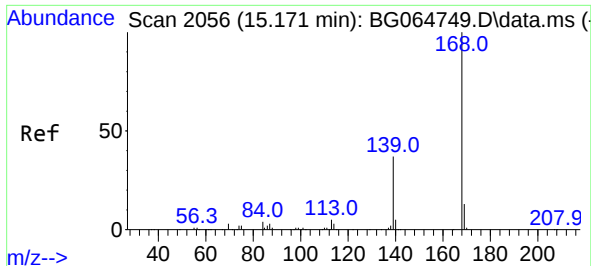
Tgt Ion:138 Resp: 7552
Ion Ratio Lower Upper
138 100
108 7.6 9.5 14.3#
92 90.0 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 9.041 ng
RT: 14.879 min Scan# 2007
Delta R.T. 0.008 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:184 Resp: 824
Ion Ratio Lower Upper
184 100
63 59.0 45.8 68.6
154 50.7 52.6 78.8#

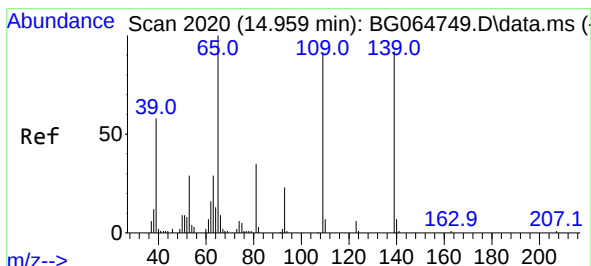
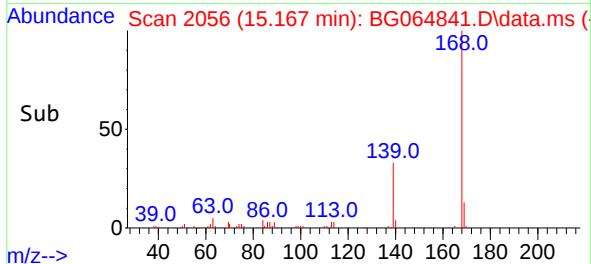
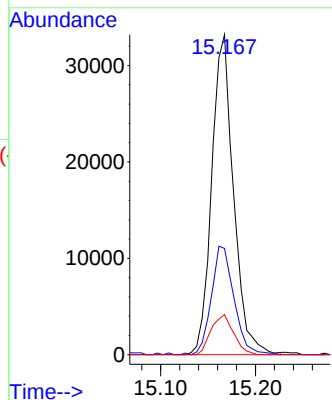
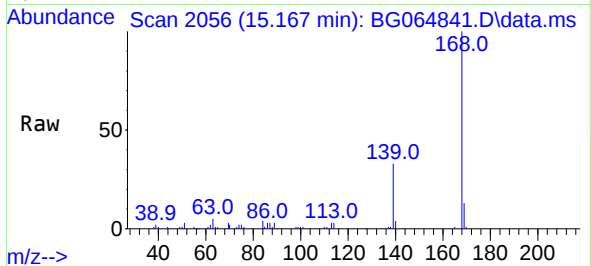




#55
Dibenzofuran
Concen: 3.578 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

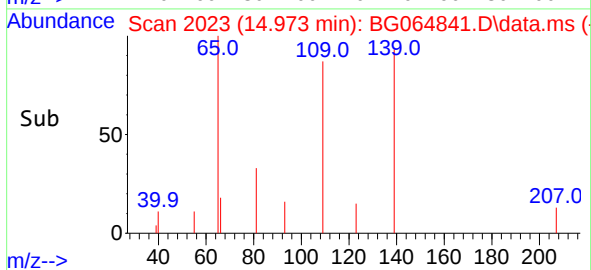
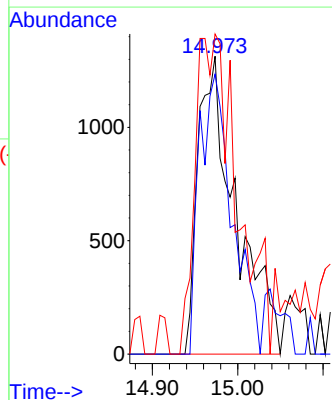
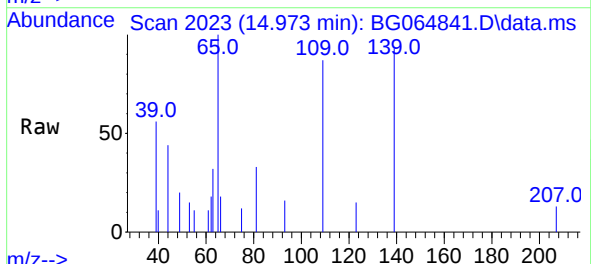
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

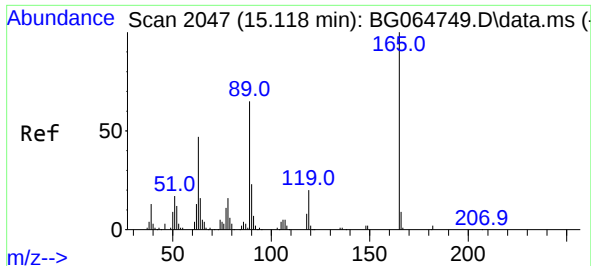
Tgt Ion:168	Resp:	52978
Ion	Ratio	Lower Upper
168	100	
139	33.2	29.5 44.3
169	12.5	10.4 15.6



#56
4-Nitrophenol
Concen: 2.192 ng
RT: 14.973 min Scan# 2023
Delta R.T. 0.014 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:139	Resp:	4032
Ion	Ratio	Lower Upper
139	100	
109	94.0	79.7 119.7
65	107.5	89.9 129.9

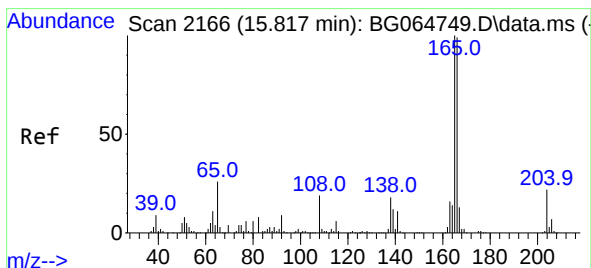
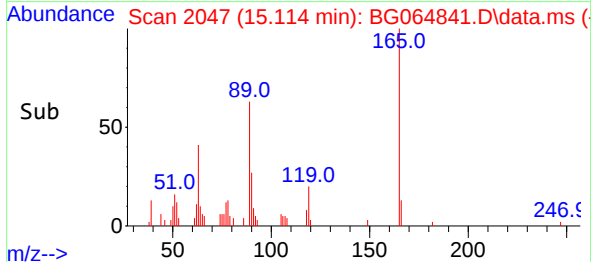
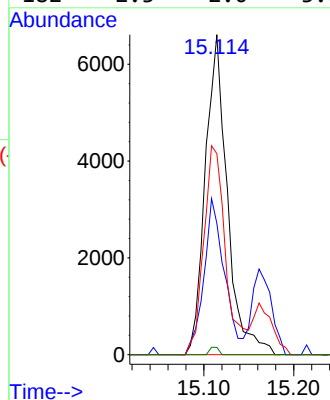
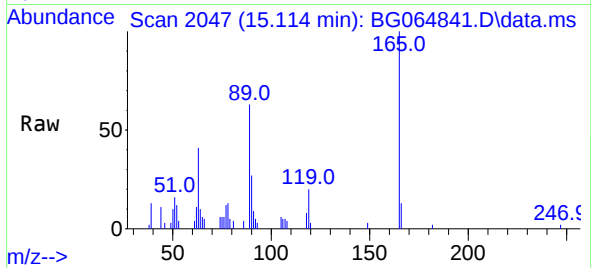




#57
2,4-Dinitrotoluene
Concen: 3.207 ng
RT: 15.114 min Scan# 2047
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

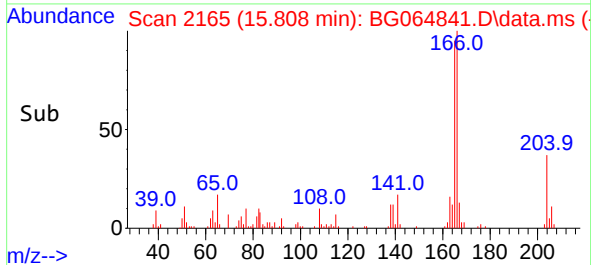
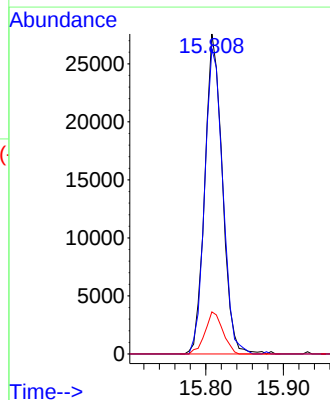
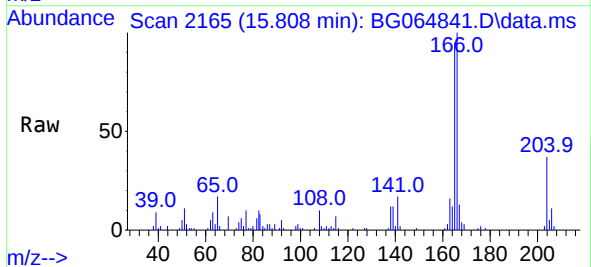
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

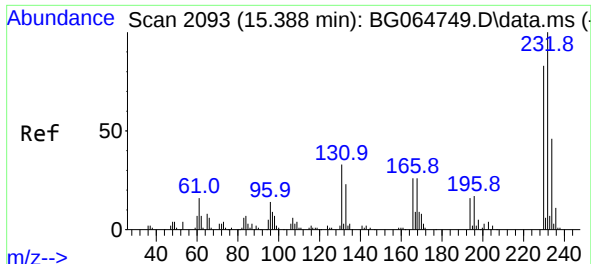
Tgt Ion:	165	Resp:	11295
Ion	Ratio	Lower	Upper
165	100		
63	41.1	37.8	56.6
89	62.8	51.6	77.4
182	2.3	2.0	3.0



#58
Fluorene
Concen: 3.728 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:	166	Resp:	43300
Ion	Ratio	Lower	Upper
166	100		
165	95.4	80.5	120.7
167	13.1	10.3	15.5

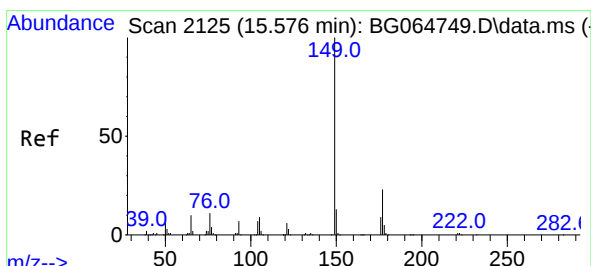
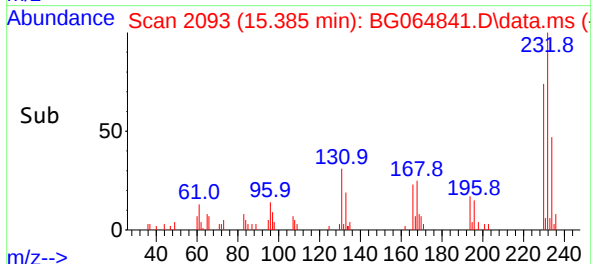
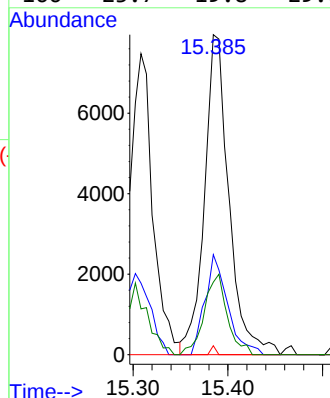
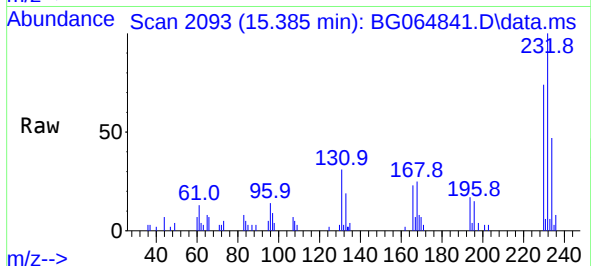




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.661 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

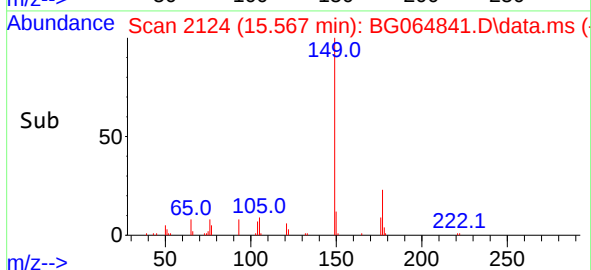
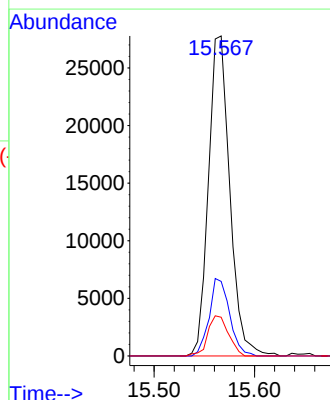
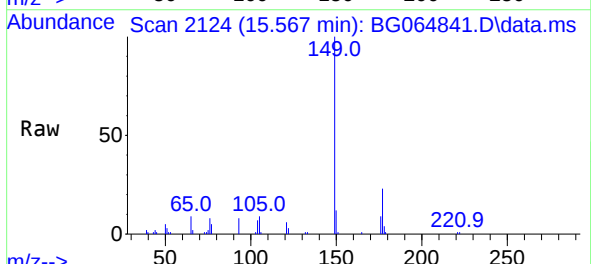
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

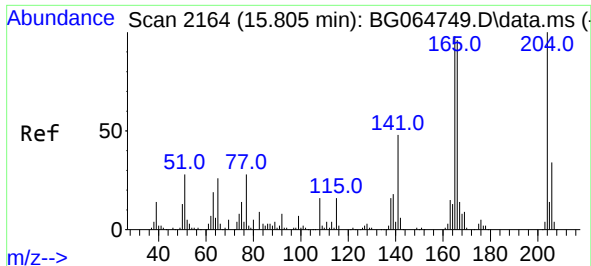
Tgt Ion:232 Resp: 14298
Ion Ratio Lower Upper
232 100
131 29.0 26.0 39.0
130 0.5 1.6 2.4#
166 23.7 19.8 29.6



#60
Diethylphthalate
Concen: 3.520 ng
RT: 15.567 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:149 Resp: 41157
Ion Ratio Lower Upper
149 100
177 23.3 18.4 27.6
150 12.1 10.1 15.1

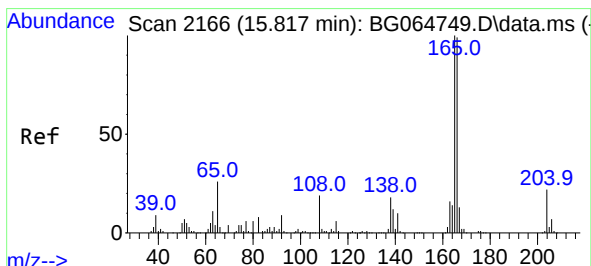
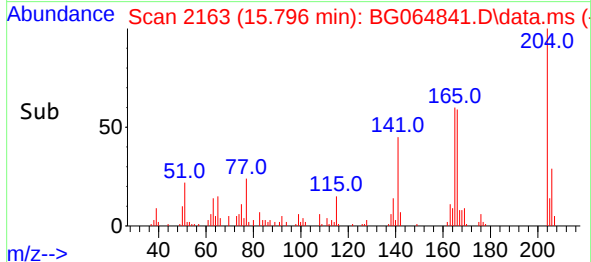
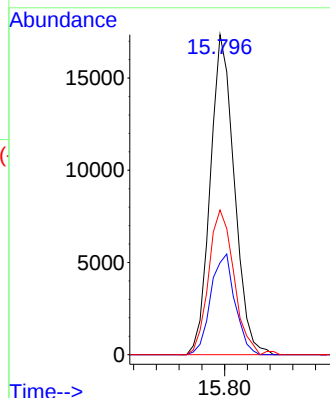
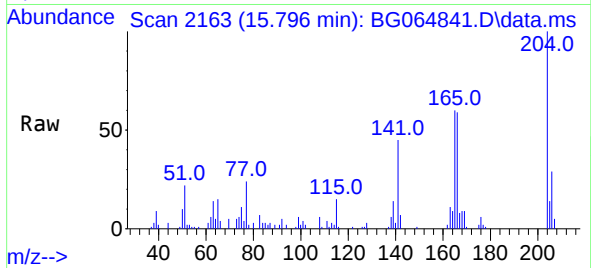




#61
4-Chlorophenyl-phenylether
Concen: 3.652 ng
RT: 15.796 min Scan# 2163
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

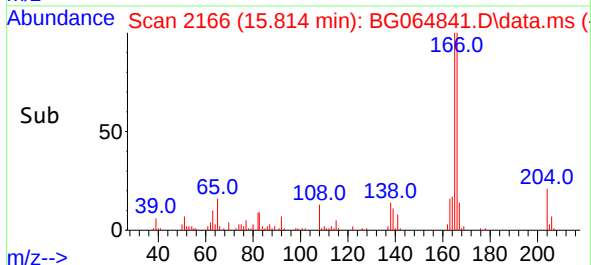
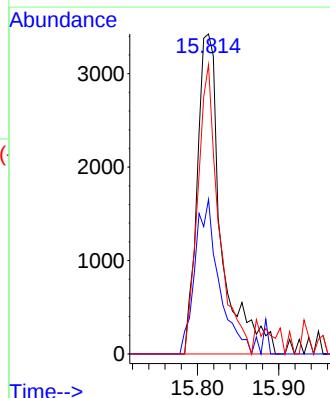
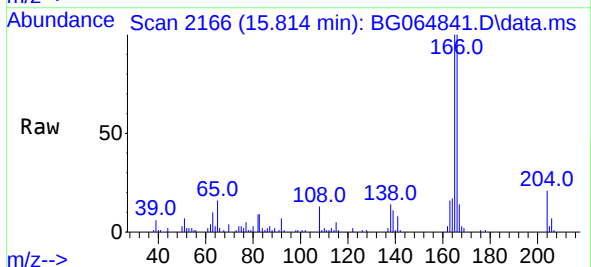
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

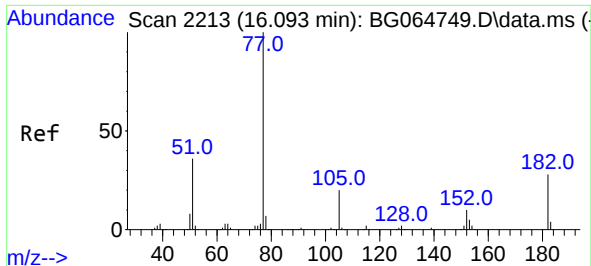
Tgt Ion:204 Resp: 25451
Ion Ratio Lower Upper
204 100
206 28.8 26.9 40.3
141 45.2 38.1 57.1



#62
4-Nitroaniline
Concen: 2.964 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:138 Resp: 7119
Ion Ratio Lower Upper
138 100
92 48.3 30.7 70.7
108 90.4 85.7 125.7

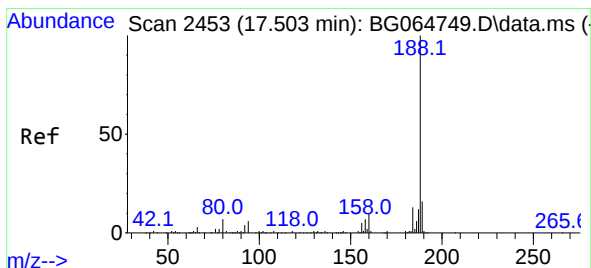
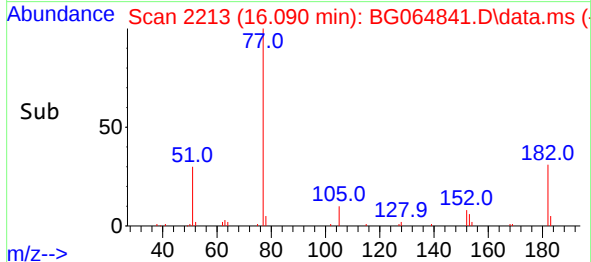
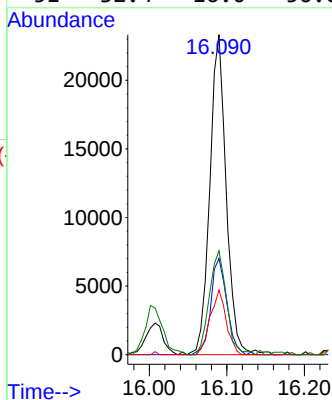
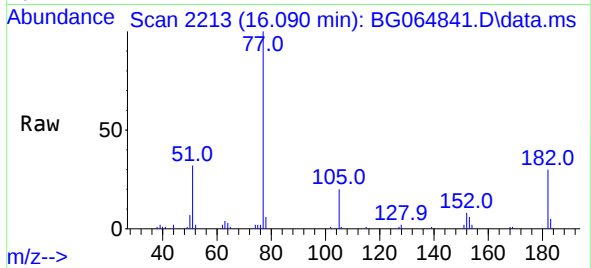




#63
Azobenzene
Concen: 3.545 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

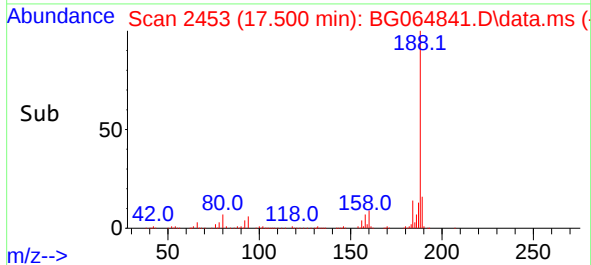
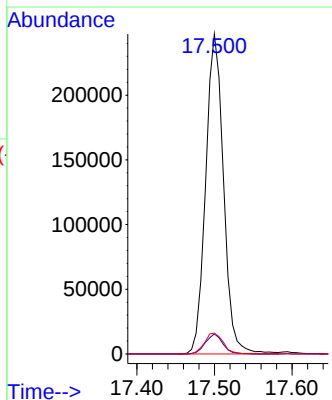
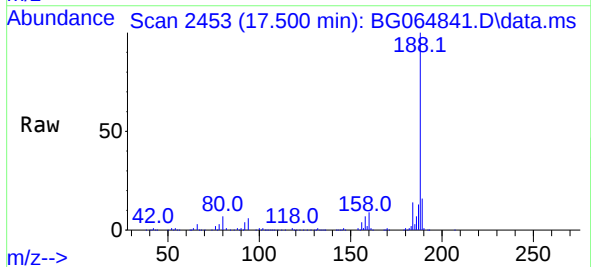
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

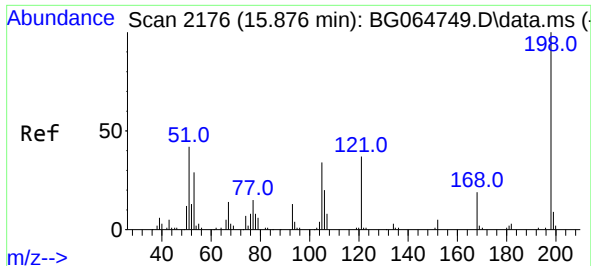
Tgt Ion: 77	Resp: 34476
Ion Ratio	Lower Upper
77 100	
182 30.1	8.1 48.1
105 20.2	0.1 40.1
51 32.4	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:188	Resp: 396407
Ion Ratio	Lower Upper
188 100	
94 6.3	4.7 7.1
80 6.5	5.4 8.2

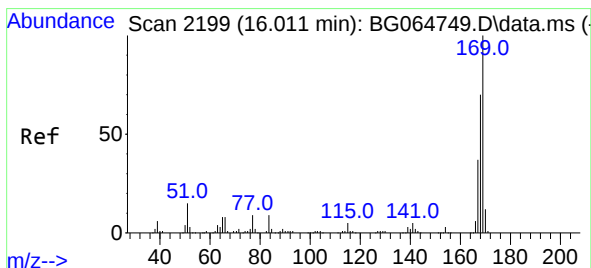
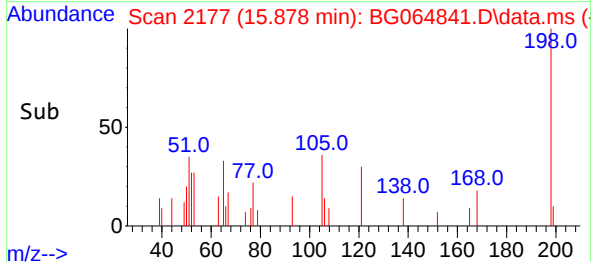
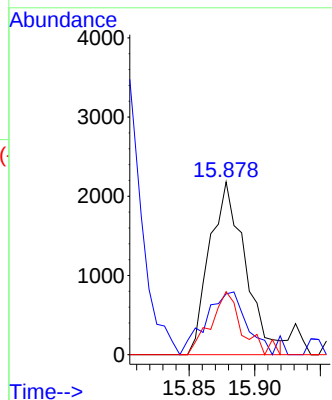
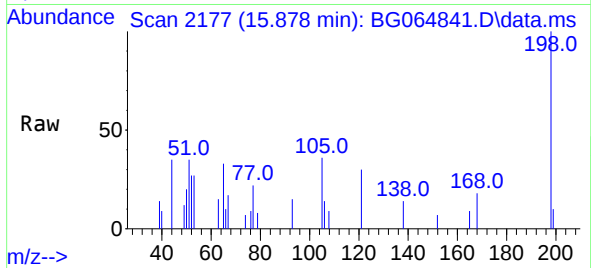




#65
4,6-Dinitro-2-methylphenol
Concen: 1.869 ng
RT: 15.878 min Scan# 2176
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

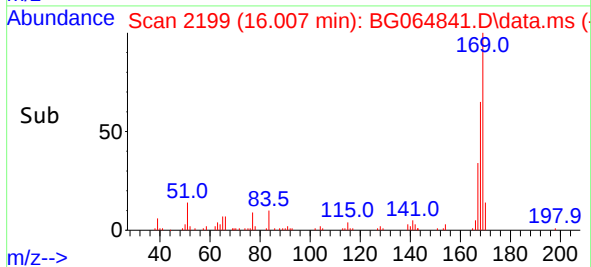
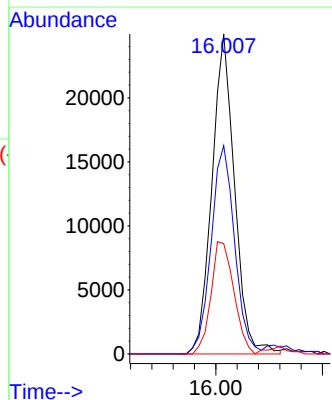
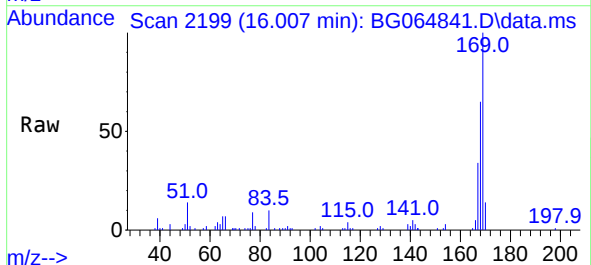
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

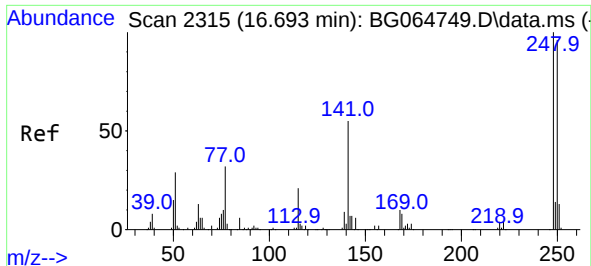
Tgt Ion:198 Resp: 4114
Ion Ratio Lower Upper
198 100
51 35.2 25.2 65.2
105 36.5 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 3.546 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:169 Resp: 36820
Ion Ratio Lower Upper
169 100
168 65.1 55.9 83.9
167 34.5 29.8 44.6

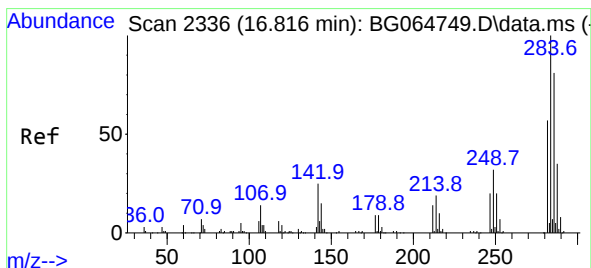
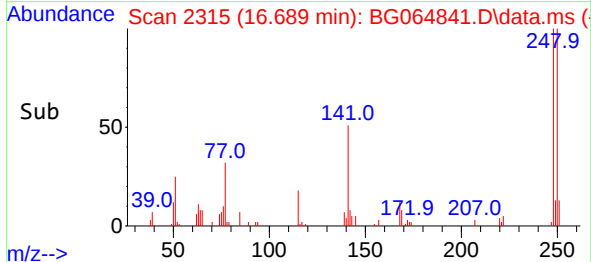
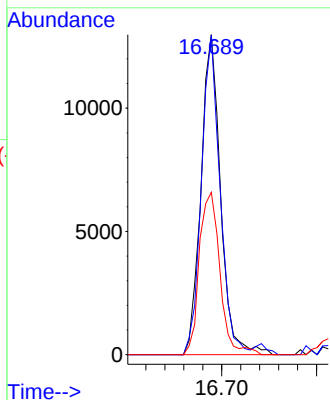
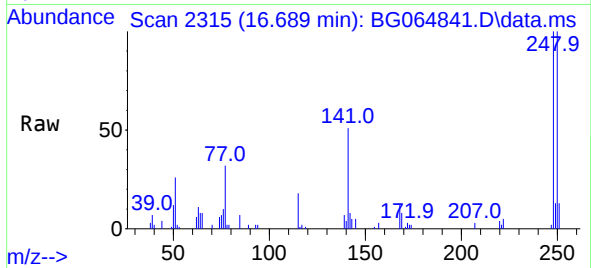




#67
4-Bromophenyl-phenylether
Concen: 3.574 ng
RT: 16.689 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

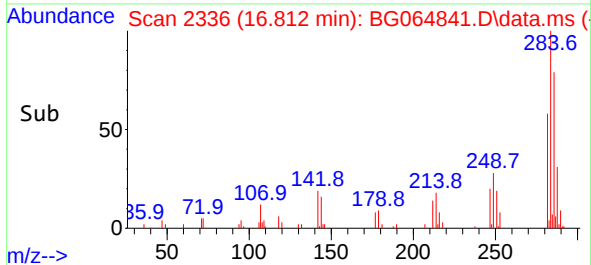
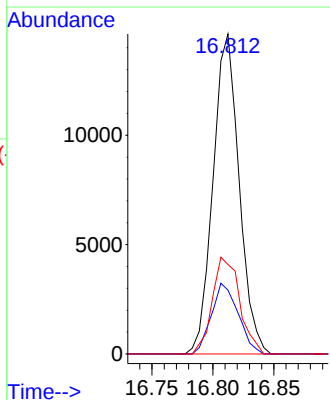
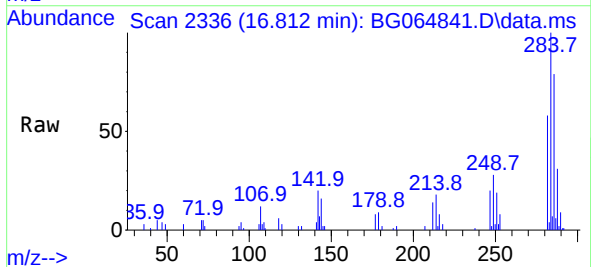
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

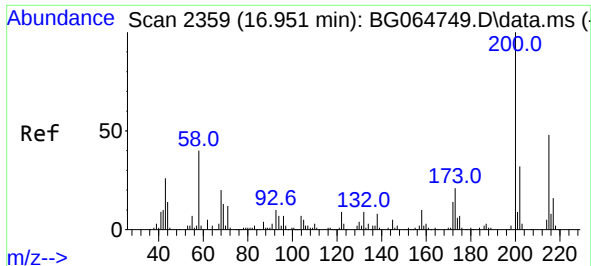
Tgt Ion:248 Resp: 18606
Ion Ratio Lower Upper
248 100
250 99.7 77.0 115.6
141 50.7 43.7 65.5



#68
Hexachlorobenzene
Concen: 3.450 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:284 Resp: 21761
Ion Ratio Lower Upper
284 100
142 20.0 19.7 29.5
249 28.0 28.1 42.1#

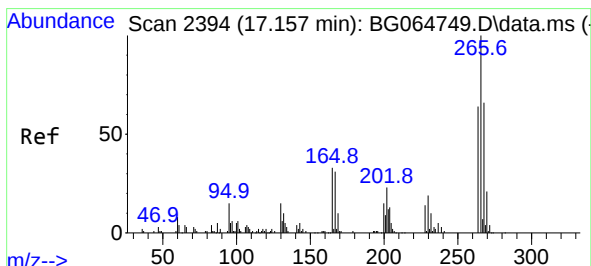
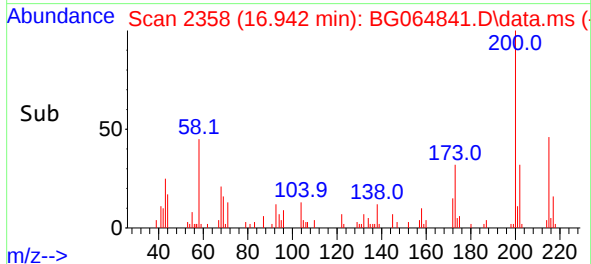
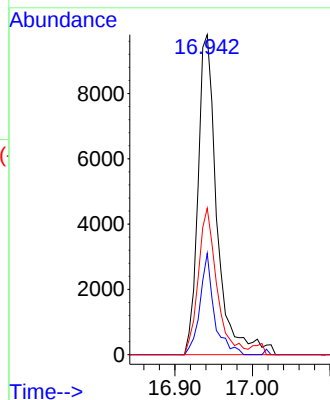
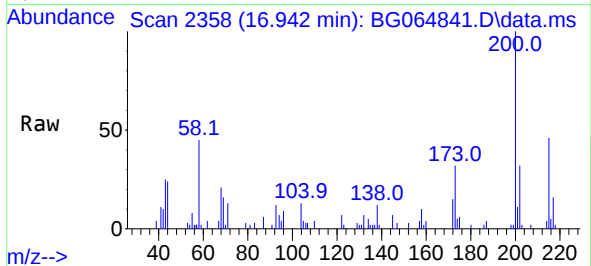




#69
Atrazine
Concen: 3.326 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

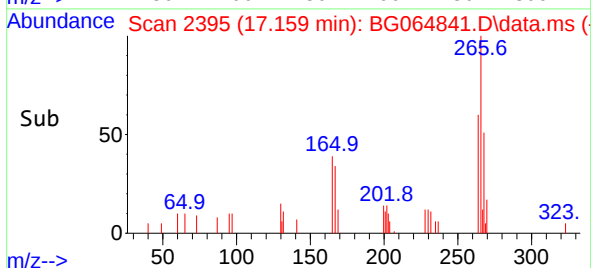
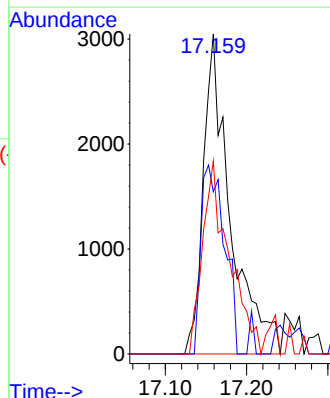
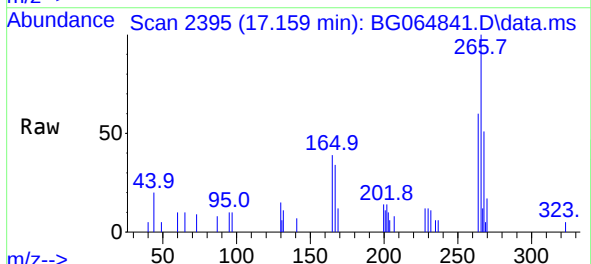
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

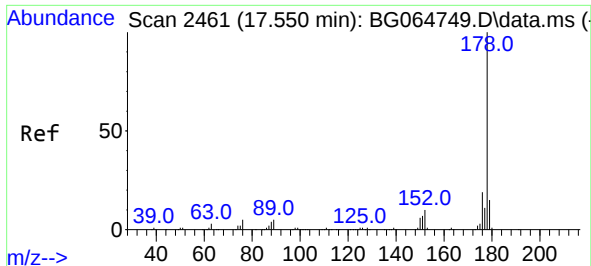
Tgt Ion:200 Resp: 16652
Ion Ratio Lower Upper
200 100
173 31.7 0.9 40.9
215 45.8 27.5 67.5



#70
Pentachlorophenol
Concen: 7.881 ng
RT: 17.159 min Scan# 2395
Delta R.T. 0.002 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:266 Resp: 7027
Ion Ratio Lower Upper
266 100
268 50.7 56.1 84.1#
264 60.2 51.2 76.8

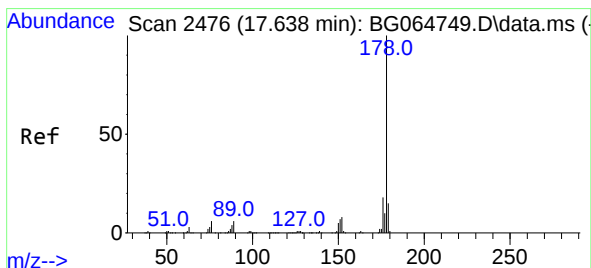
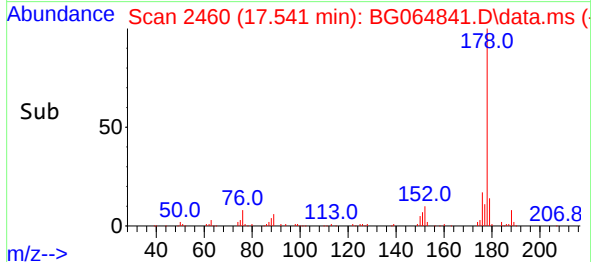
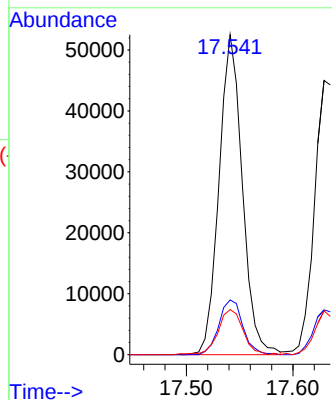
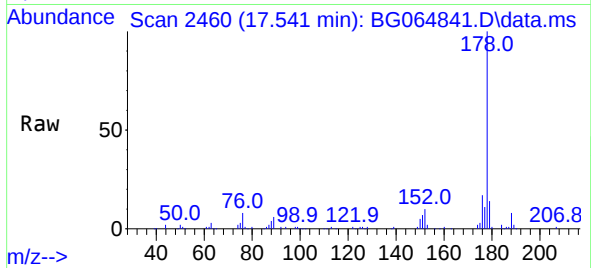




#71
Phenanthrene
Concen: 3.667 ng
RT: 17.541 min Scan# 2460
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

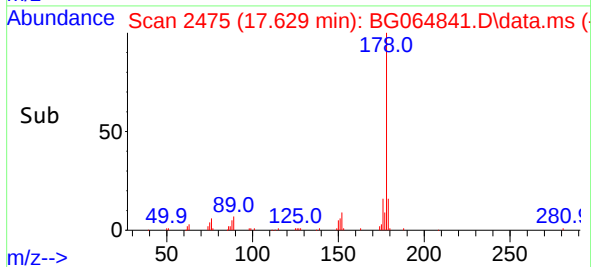
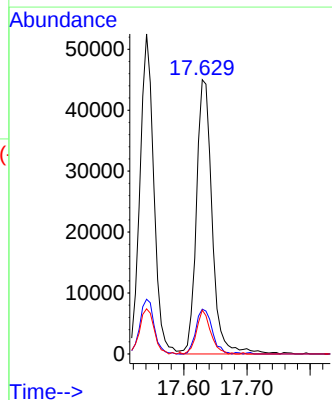
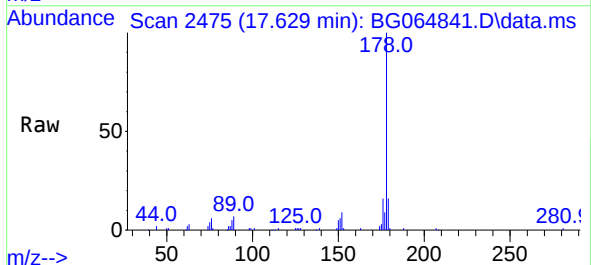
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

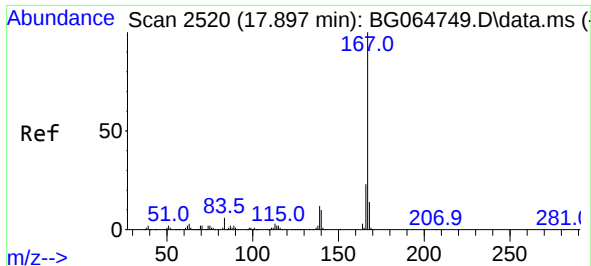
Tgt Ion:178 Resp: 79541
Ion Ratio Lower Upper
178 100
176 17.1 14.8 22.2
179 14.1 12.2 18.4



#72
Anthracene
Concen: 3.511 ng
RT: 17.629 min Scan# 2475
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:178 Resp: 77638
Ion Ratio Lower Upper
178 100
176 16.3 14.5 21.7
179 16.0 12.2 18.4

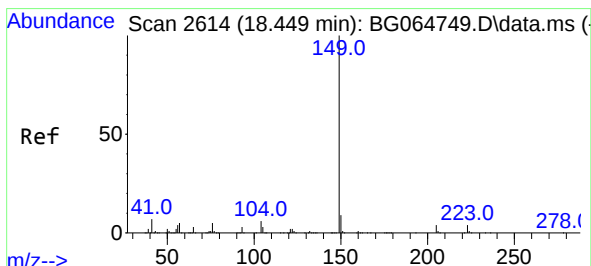
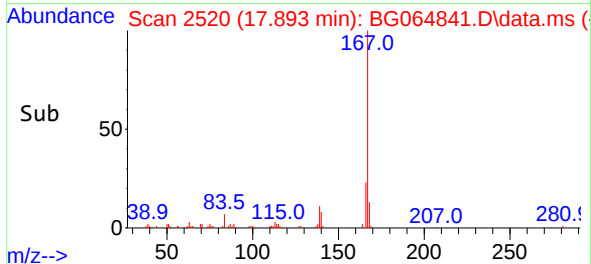
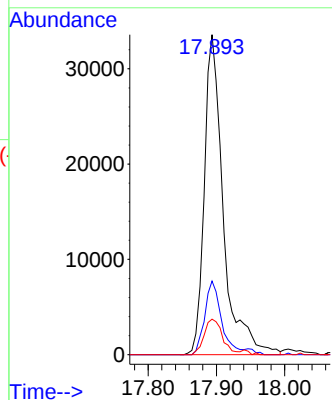
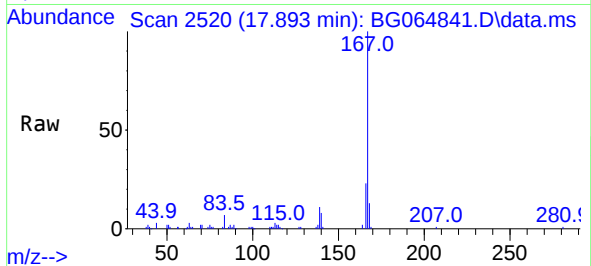




#73
 Carbazole
 Concen: 3.420 ng
 RT: 17.893 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064841.D
 Acq: 21 Nov 2025 12:20

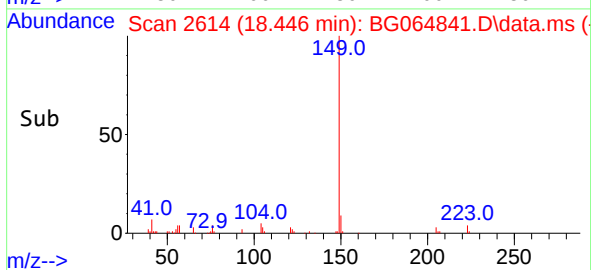
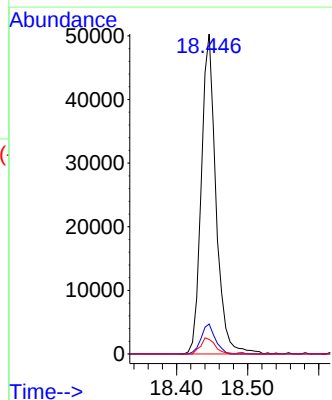
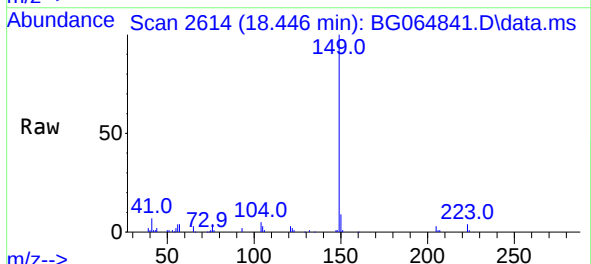
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2025

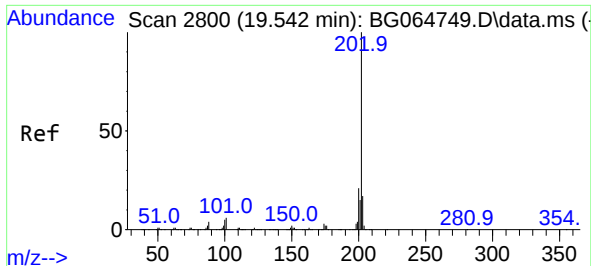
Tgt Ion:	167	Resp:	65023
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.0	27.0
139	11.1	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 3.402 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.004 min
 Lab File: BG064841.D
 Acq: 21 Nov 2025 12:20

Tgt Ion:	149	Resp:	72161
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.5	11.3
104	4.6	4.4	6.6

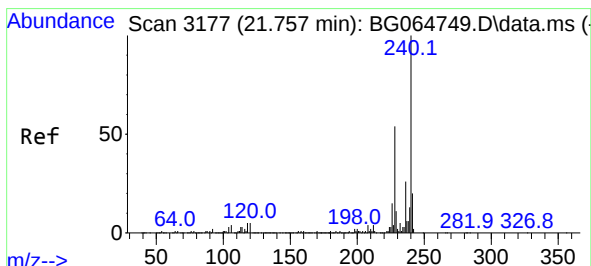
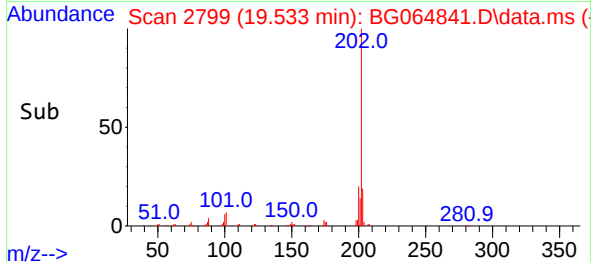
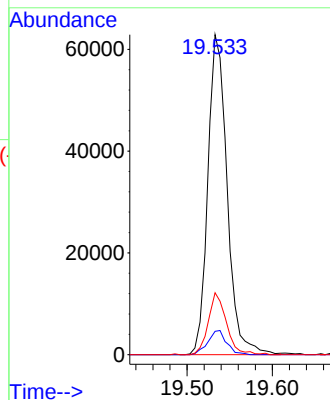
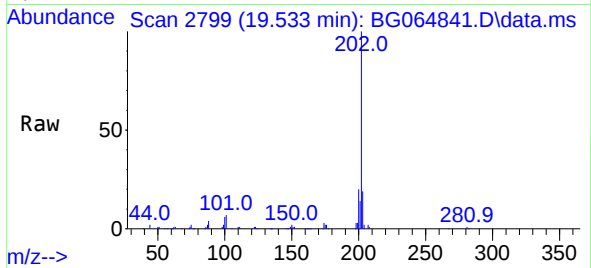




#75
Fluoranthene
Concen: 3.337 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

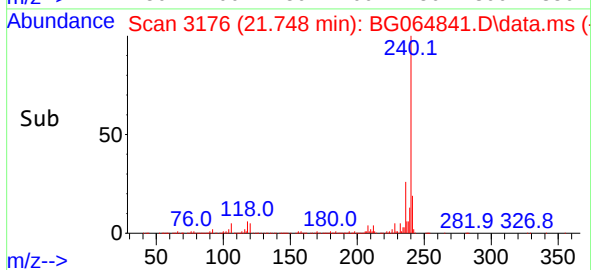
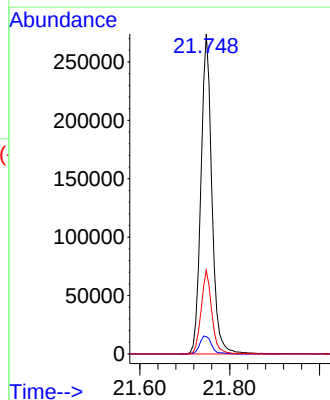
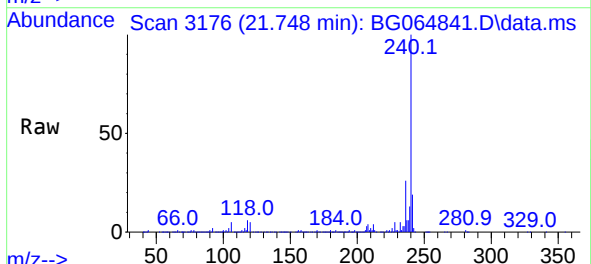
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

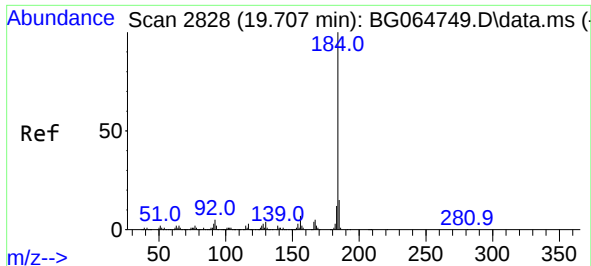
Tgt Ion:202 Resp: 98960
Ion Ratio Lower Upper
202 100
101 7.3 0.0 26.4
203 19.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:240 Resp: 463301
Ion Ratio Lower Upper
240 100
120 5.4 4.2 6.4
236 26.1 20.8 31.2

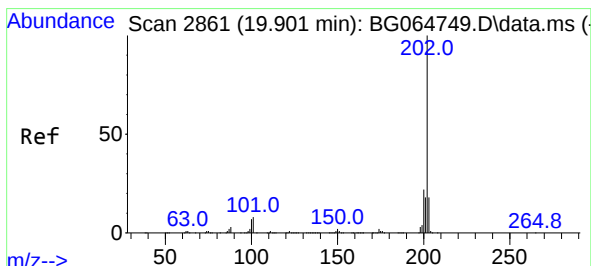
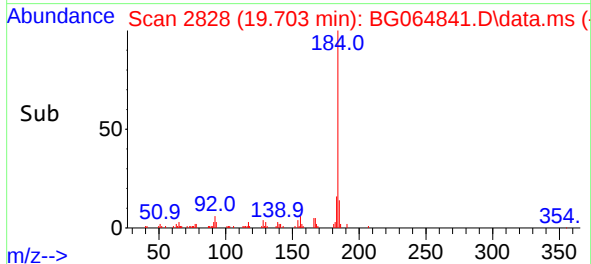
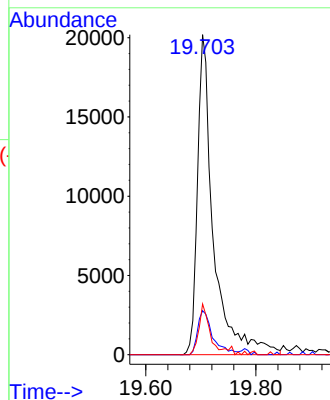
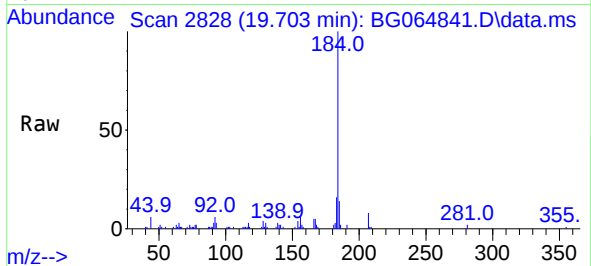




#77
Benzidine
Concen: 2.927 ng
RT: 19.703 min Scan# 2828
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

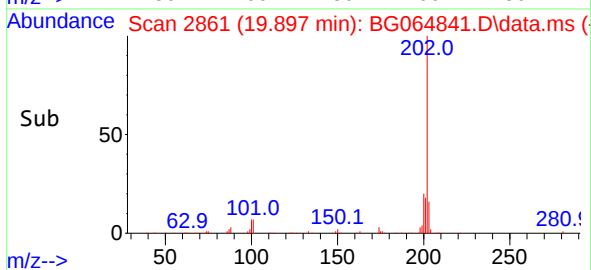
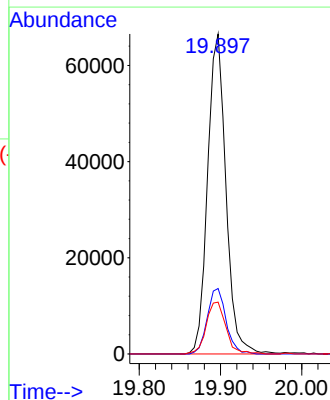
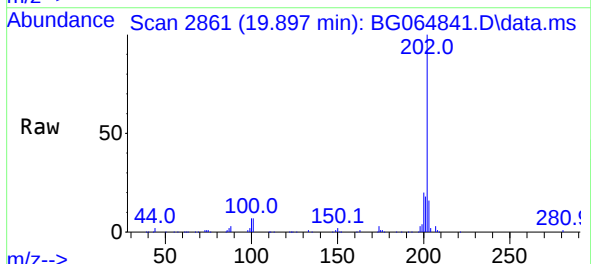
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

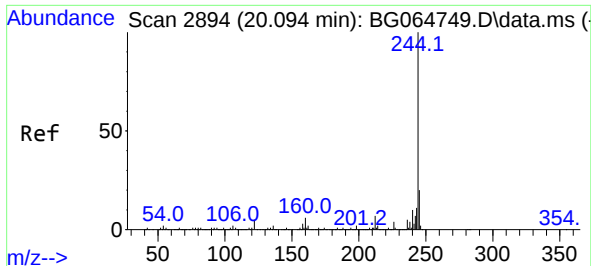
Tgt Ion:184 Resp: 40607
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.6
183 15.8 9.8 14.6#



#78
Pyrene
Concen: 4.011 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:202 Resp: 104160
Ion Ratio Lower Upper
202 100
200 20.4 17.9 26.9
203 16.2 14.0 21.0

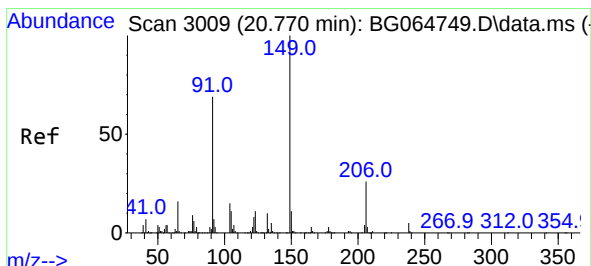
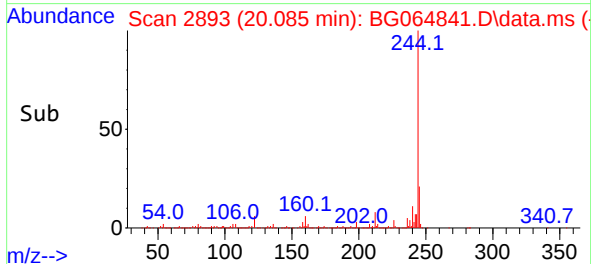
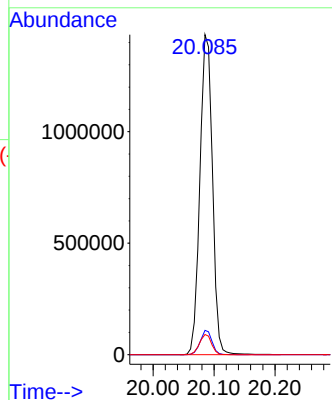
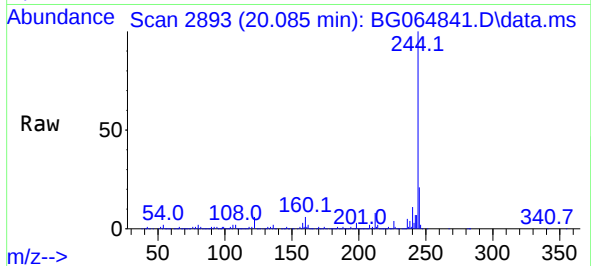




#79
Terphenyl-d14
Concen: 86.948 ng
RT: 20.085 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

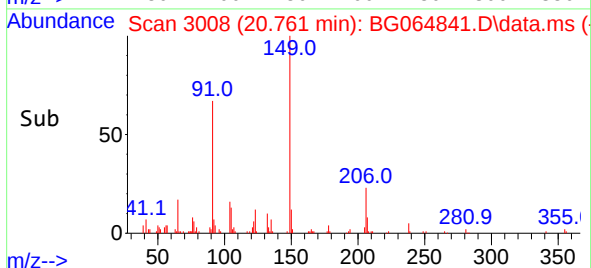
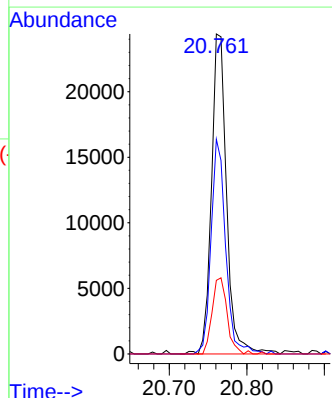
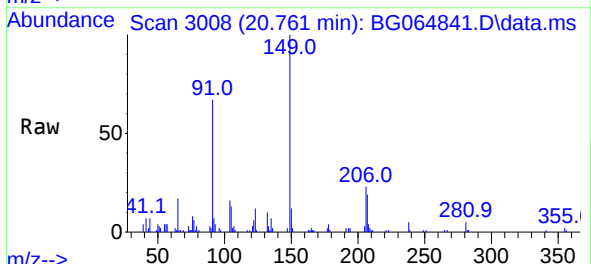
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

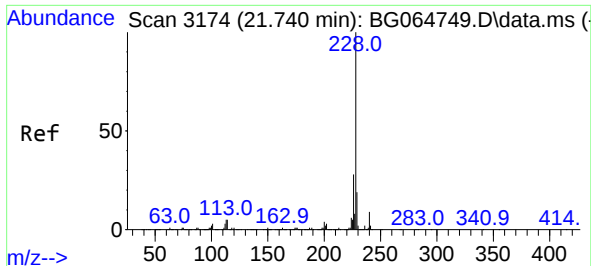
Tgt Ion:244 Resp: 2047850
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 6.3 4.3 6.5



#80
Butylbenzylphthalate
Concen: 3.618 ng
RT: 20.761 min Scan# 3008
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:149 Resp: 33045
Ion Ratio Lower Upper
149 100
91 67.1 54.9 82.3
206 23.0 21.2 31.8

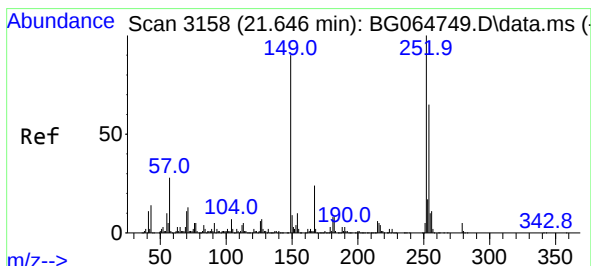
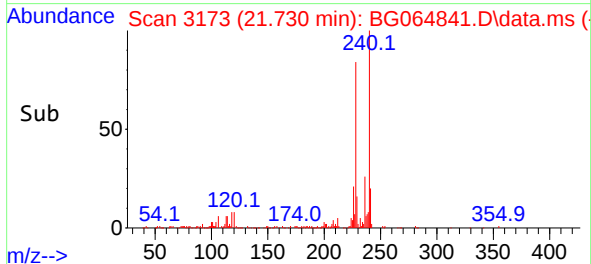
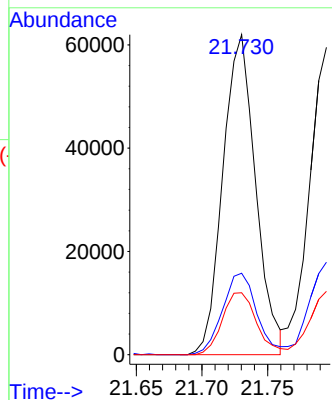
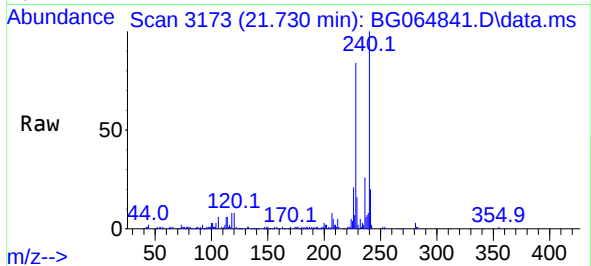




#81
Benzo(a)anthracene
Concen: 3.413 ng
RT: 21.730 min Scan# 3174
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

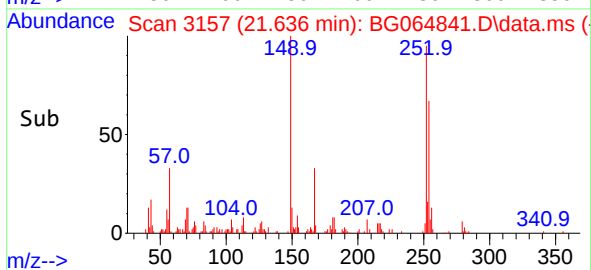
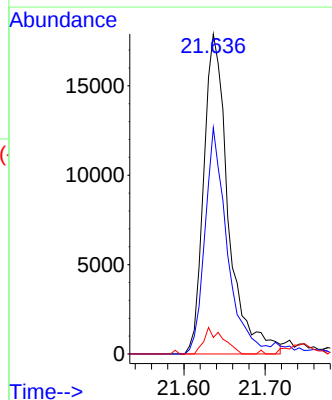
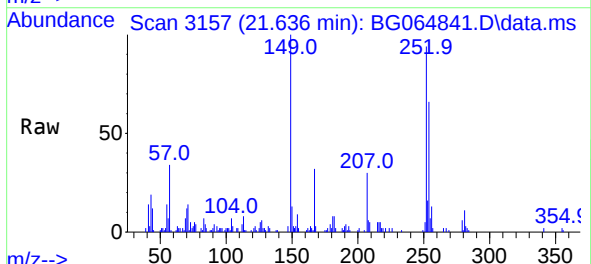
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

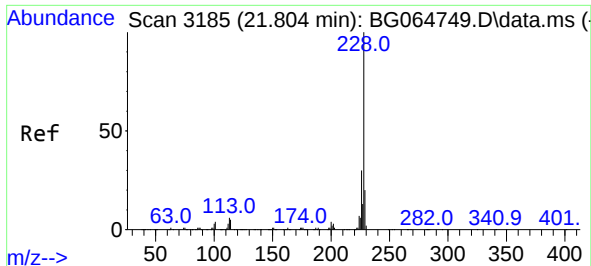
Tgt Ion:228 Resp: 107528
Ion Ratio Lower Upper
228 100
226 25.4 22.1 33.1
229 19.3 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 3.244 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:252 Resp: 37613
Ion Ratio Lower Upper
252 100
254 70.7 51.8 77.8
126 5.1 4.7 7.1

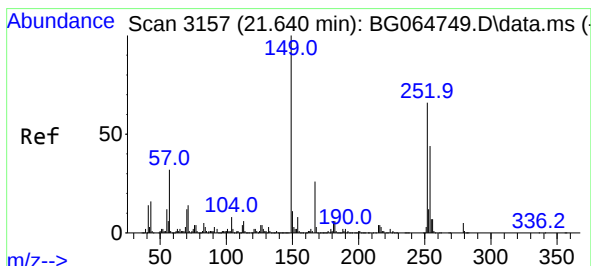
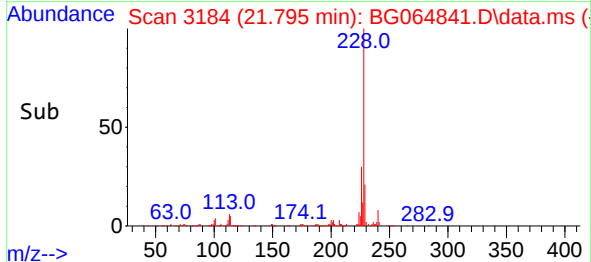
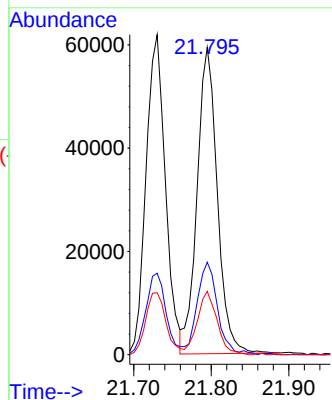
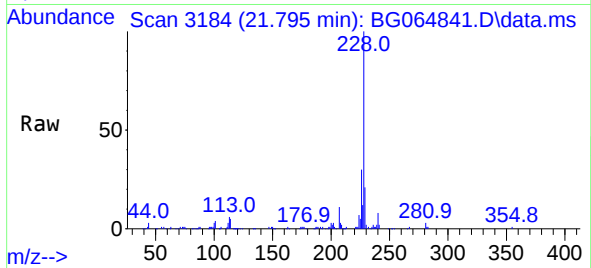




#83
Chrysene
Concen: 3.622 ng
RT: 21.795 min Scan# 3184
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

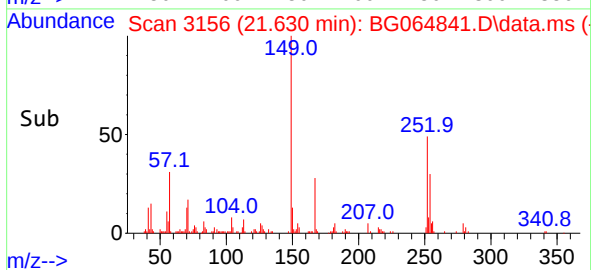
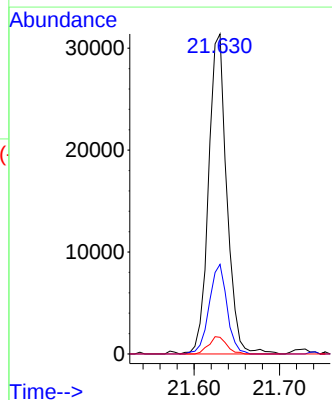
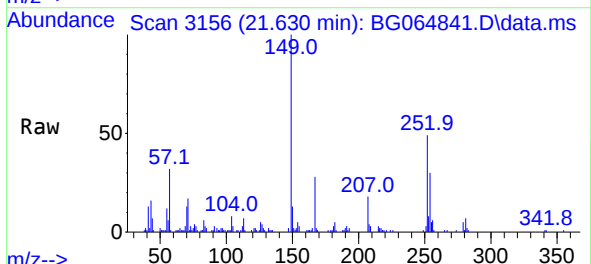
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

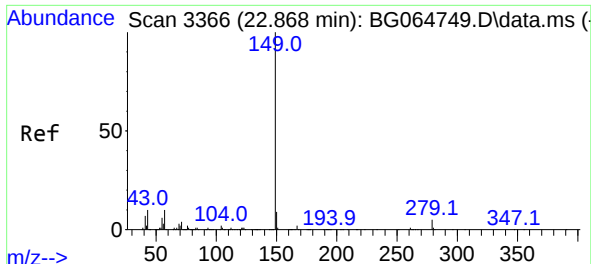
Tgt Ion:228 Resp: 107570
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 20.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.493 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:149 Resp: 46612
Ion Ratio Lower Upper
149 100
167 28.0 21.0 31.4
279 5.2 4.1 6.1

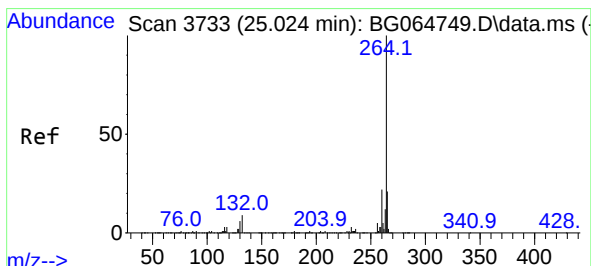
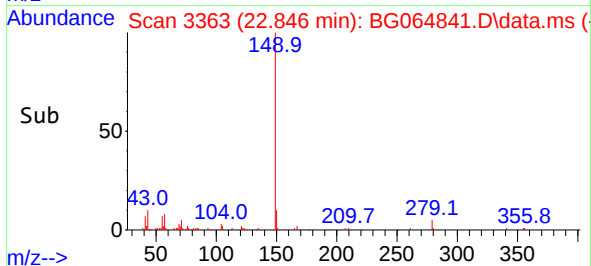
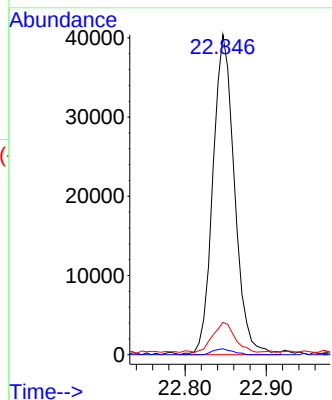
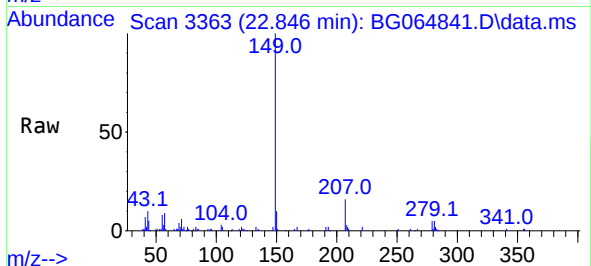




#85
Di-n-octyl phthalate
Concen: 3.238 ng
RT: 22.846 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

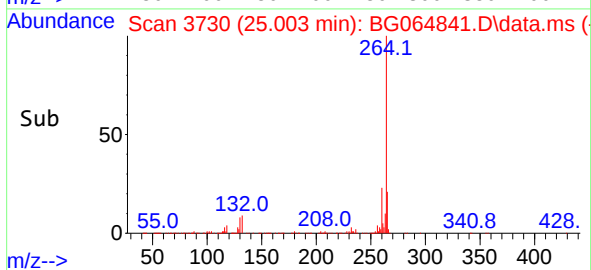
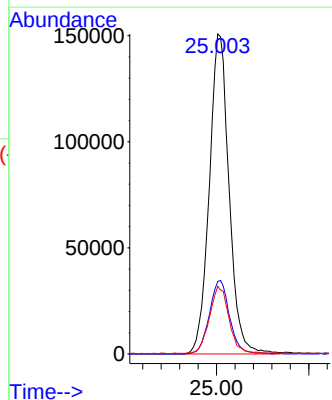
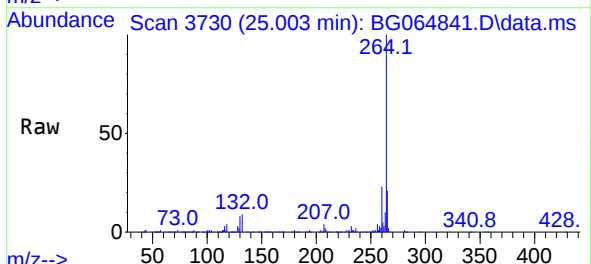
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

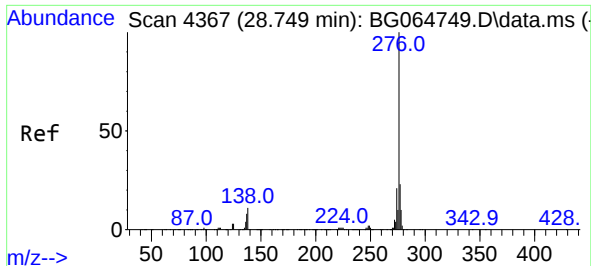
Tgt Ion:149 Resp: 74711
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:264 Resp: 448925
Ion Ratio Lower Upper
264 100
260 22.7 17.2 25.8
265 21.1 16.6 25.0

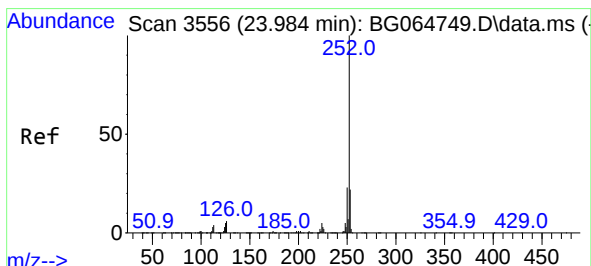
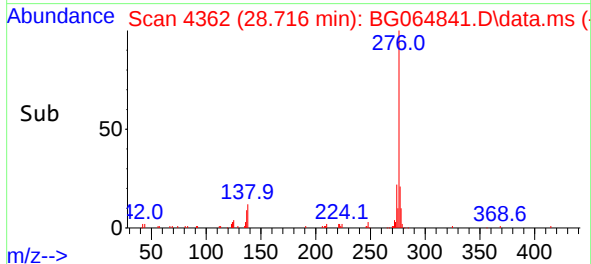
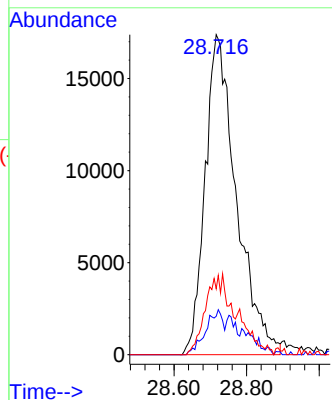
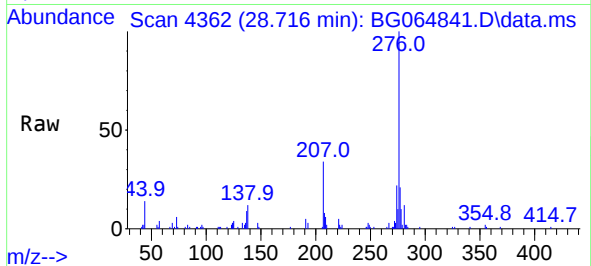




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.371 ng
RT: 28.716 min Scan# 41
Delta R.T. -0.033 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

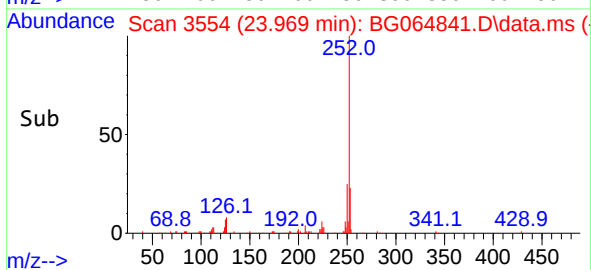
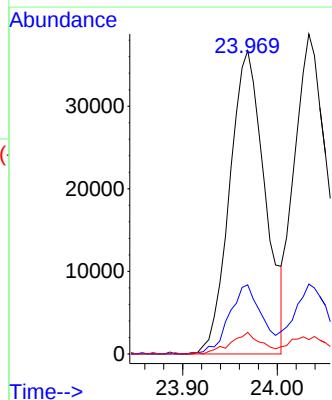
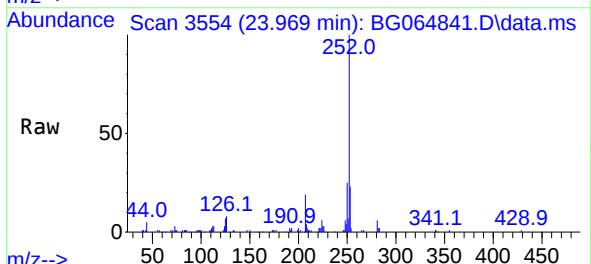
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

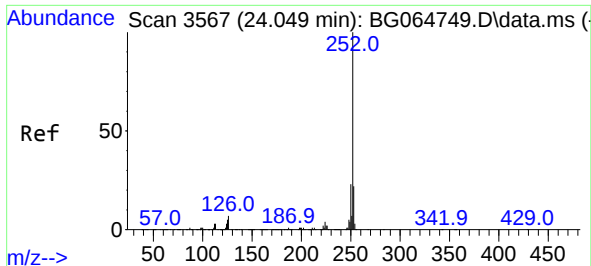
Tgt Ion:276 Resp: 103970
Ion Ratio Lower Upper
276 100
138 7.8 4.5 6.7#
277 9.5 20.0 30.0#



#88
Benzo(b)fluoranthene
Concen: 3.325 ng m
RT: 23.969 min Scan# 3554
Delta R.T. -0.015 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion:252 Resp: 94980
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.1 4.2 6.2#

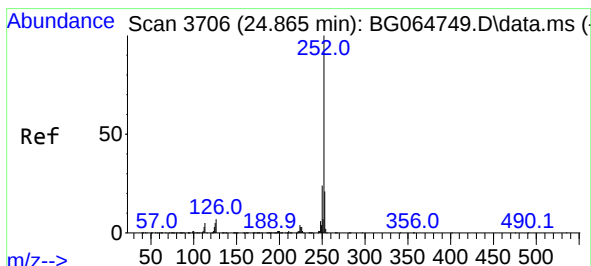
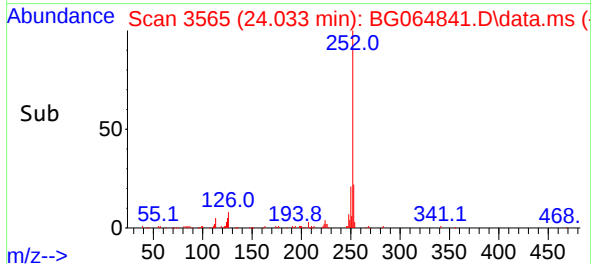
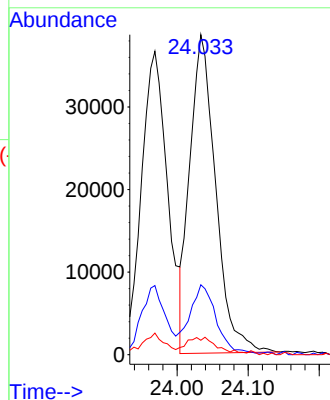
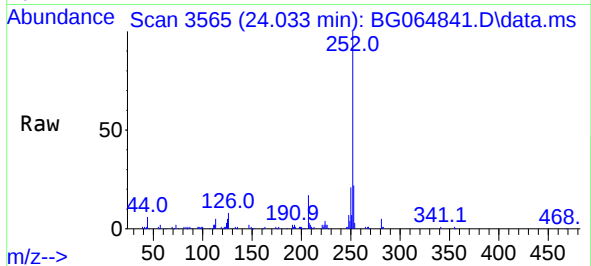




#89
Benzo(k)fluoranthene
Concen: 3.392 ng
RT: 24.033 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

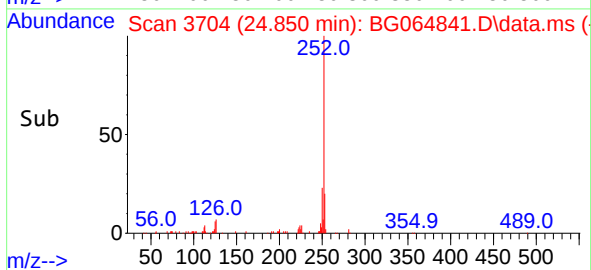
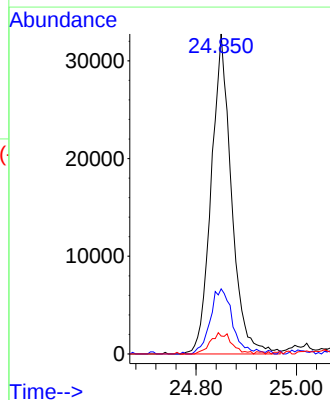
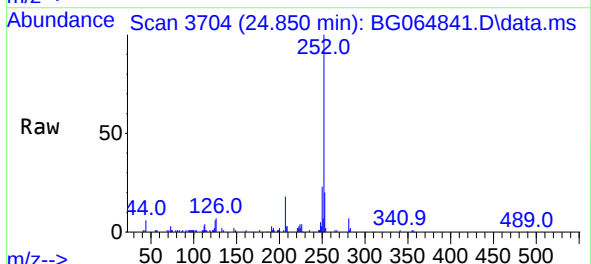
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2025

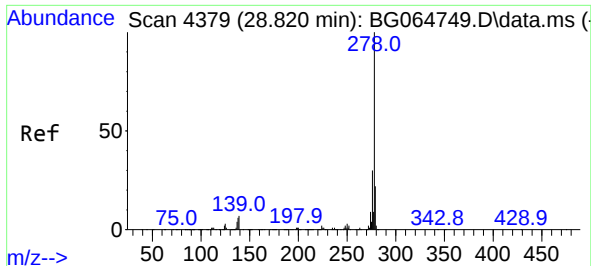
Tgt Ion	252	253	125
Resp:	97357		
Ratio	100	21.9	4.5
Lower		17.8	4.1
Upper		26.8	6.1



#90
Benzo(a)pyrene
Concen: 3.460 ng
RT: 24.850 min Scan# 3704
Delta R.T. -0.015 min
Lab File: BG064841.D
Acq: 21 Nov 2025 12:20

Tgt Ion	252	253	125
Resp:	91696		
Ratio	100	20.3	5.6
Lower		16.9	4.2
Upper		25.3	6.4

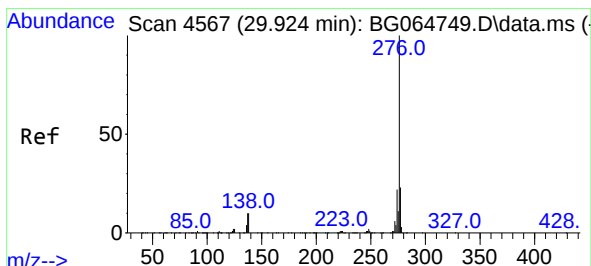
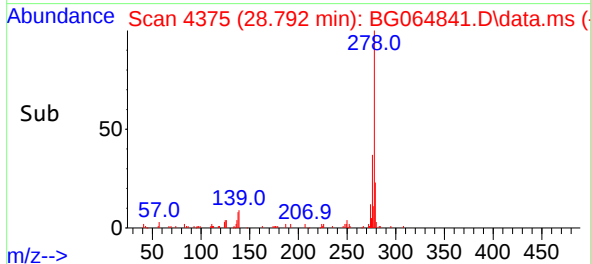
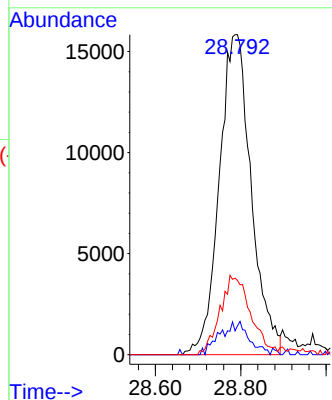
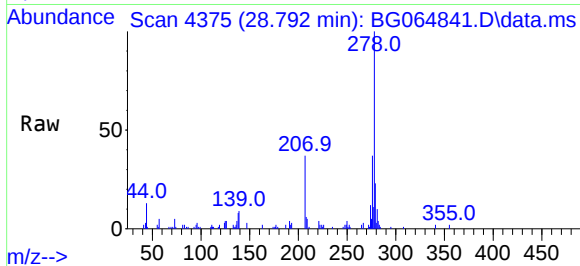




#91
 Dibenzo(a,h)anthracene
 Concen: 3.262 ng
 RT: 28.792 min Scan# 41
 Delta R.T. -0.027 min
 Lab File: BG064841.D
 Acq: 21 Nov 2025 12:20

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

Tgt Ion:278 Resp: 82417
 Ion Ratio Lower Upper
 278 100
 139 9.0 5.8 8.8#
 279 23.2 17.3 25.9



#92
 Benzo(g,h,i)perylene
 Concen: 3.412 ng
 RT: 29.874 min Scan# 4559
 Delta R.T. -0.051 min
 Lab File: BG064841.D
 Acq: 21 Nov 2025 12:20

Tgt Ion:276 Resp: 82979
 Ion Ratio Lower Upper
 276 100
 277 25.7 18.0 27.0
 138 9.9 8.2 12.2

