

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064253.D
 Acq On : 3 Sep 2025 14:23
 Operator : RC/JU
 Sample : Q2226-02
 Misc : LOQ-SOIL 2.5PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Sep 03 15:01:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	32600	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	143781	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	99791	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	228661	20.000	ng	0.00
76) Chrysene-d12	21.451	240	234098	20.000	ng	0.00
86) Perylene-d12	24.459	264	252261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	250087	137.632	ng	0.00
7) Phenol-d6	7.027	99	339054	135.820	ng	0.00
23) Nitrobenzene-d5	9.007	82	216897	84.131	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	172448	130.467	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	528278	80.803	ng	0.00
79) Terphenyl-d14	19.841	244	895515	79.811	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.366	88	2340	3.090	ng	# 85
3) Pyridine	3.760	79	5215	2.339	ng	# 51
4) n-Nitrosodimethylamine	3.666	42	2994	2.030	ng	# 59
6) Aniline	7.180	93	8778	2.543	ng	96
8) 2-Chlorophenol	7.415	128	5534	2.492	ng	88
9) Benzaldehyde	6.992	77	4958	2.413	ng	91
10) Phenol	7.050	94	6324	2.298	ng	# 80
11) bis(2-Chloroethyl)ether	7.280	93	5003	2.419	ng	93
12) 1,3-Dichlorobenzene	7.744	146	6055	2.563	ng	93
13) 1,4-Dichlorobenzene	7.744	146	6055	2.540	ng	91
14) 1,2-Dichlorobenzene	8.202	146	6105	2.653	ng	97
15) Benzyl Alcohol	8.090	79	5386	2.338	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.390	45	10930	2.315	ng	96
17) 2-Methylphenol	8.296	107	4459	2.174	ng	89
18) Hexachloroethane	8.931	117	2318	2.491	ng	95
19) n-Nitroso-di-n-propyla...	8.654	70	4556	2.385	ng	# 84
20) 3+4-Methylphenols	8.625	107	6304	2.212	ng	93
22) Acetophenone	8.666	105	9006	2.476	ng	# 93
24) Nitrobenzene	9.048	77	6840	2.539	ng	# 86
25) Isophorone	9.571	82	12696	2.370	ng	# 94
26) 2-Nitrophenol	9.765	139	2658	2.284	ng	# 79
27) 2,4-Dimethylphenol	9.824	122	4701	2.301	ng	86
28) bis(2-Chloroethoxy)met...	10.053	93	6821	2.361	ng	# 94
29) 2,4-Dichlorophenol	10.300	162	4820	2.236	ng	83
30) 1,2,4-Trichlorobenzene	10.511	180	5978	2.630	ng	93
31) Naphthalene	10.693	128	18196	2.441	ng	97
33) 4-Chloroaniline	10.805	127	7237	2.504	ng	96
34) Hexachlorobutadiene	10.987	225	3973	2.364	ng	# 86
36) 4-Chloro-3-methylphenol	11.927	107	6101	2.181	ng	97
37) 2-Methylnaphthalene	12.303	142	11930	2.153	ng	91
38) 1-Methylnaphthalene	12.520	142	12555	2.294	ng	97
40) 1,2,4,5-Tetrachloroben...	12.673	216	7144	2.481	ng	98
43) 2,4,6-Trichlorophenol	12.914	196	4632	2.407	ng	85
44) 2,4,5-Trichlorophenol	12.985	196	4318	2.068	ng	# 95
46) 1,1'-Biphenyl	13.314	154	19082	2.625	ng	94
47) 2-Chloronaphthalene	13.355	162	13255	2.426	ng	95

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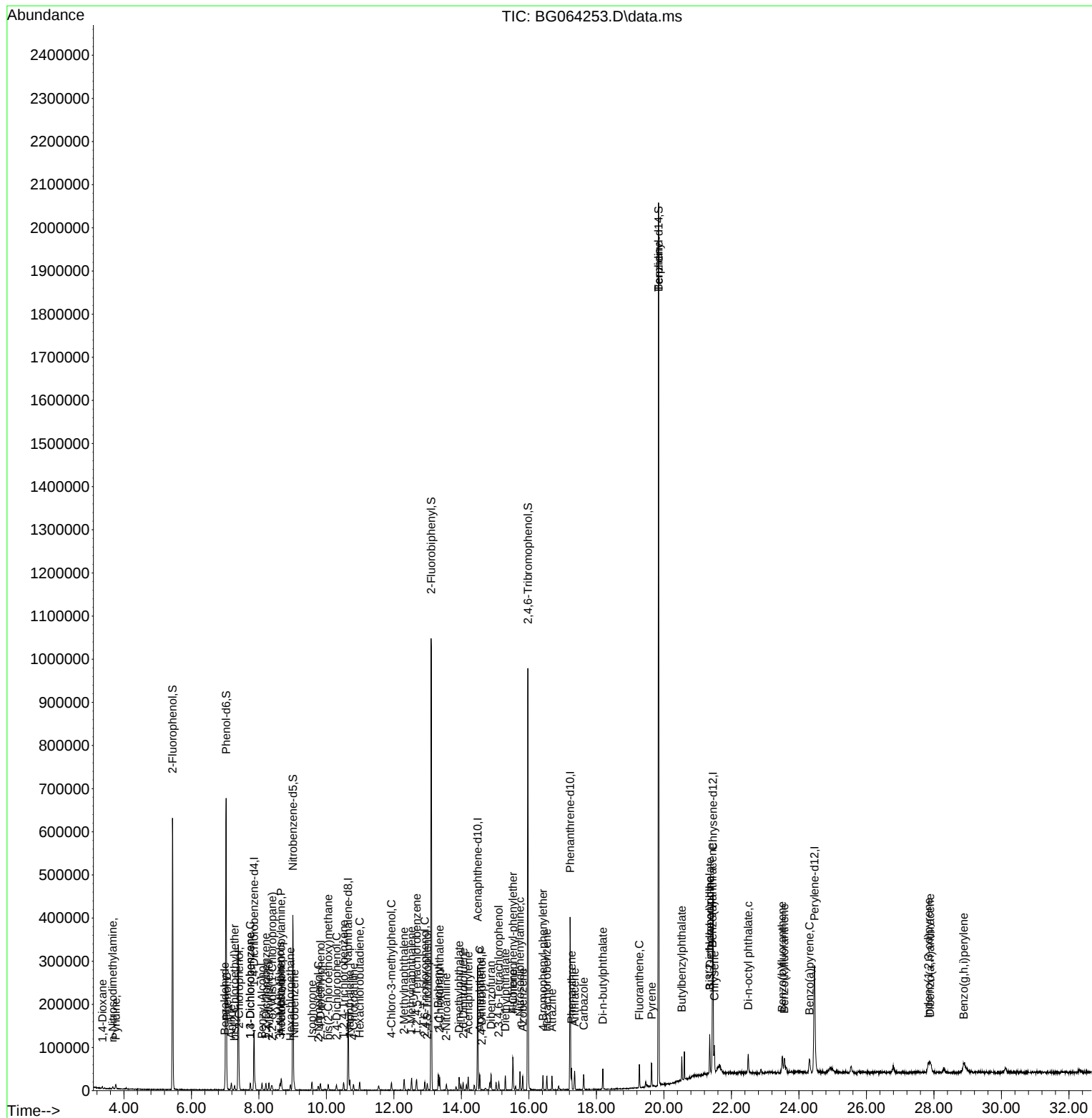
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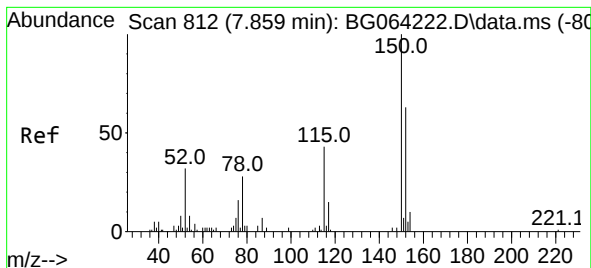
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) 2-Nitroaniline	13.549	65	3730	2.003	ng	86
49) Acenaphthylene	14.207	152	21523	2.665	ng	96
50) Dimethylphthalate	13.931	163	18038	2.388	ng	99
51) 2,6-Dinitrotoluene	14.054	165	2952	2.019	ng	94
52) Acenaphthene	14.547	154	13077	2.294	ng	97
54) 2,4-Dinitrophenol	14.600	184	387	6.028	ng	# 81
55) Dibenzofuran	14.877	168	21471	2.395	ng	# 87
58) Fluorene	15.529	166	16623	2.262	ng	91
59) 2,3,4,6-Tetrachlorophenol	15.106	232	4502	2.242	ng	# 100
60) Diethylphthalate	15.300	149	19010	2.352	ng	# 94
61) 4-Chlorophenyl-phenyle...	15.529	204	9147	2.496	ng	92
63) Azobenzene	15.817	77	16963	2.354	ng	93
66) n-Nitrosodiphenylamine	15.734	169	14965	2.379	ng	96
67) 4-Bromophenyl-phenylether	16.416	248	5466	2.251	ng	# 84
68) Hexachlorobenzene	16.533	284	6876	2.550	ng	# 84
69) Atrazine	16.680	200	5963	2.270	ng	87
71) Phenanthrene	17.262	178	29253	2.426	ng	97
72) Anthracene	17.356	178	28556	2.328	ng	99
73) Carbazole	17.620	167	25315	2.342	ng	99
74) Di-n-butylphthalate	18.190	149	31325	2.413	ng	97
75) Fluoranthene	19.271	202	33776	2.382	ng	95
77) Benzidine	19.841	184	16095	3.268	ng	98
78) Pyrene	19.636	202	34171	2.317	ng	96
80) Butylbenzylphthalate	20.529	149	14447	2.597	ng	94
81) Benzo(a)anthracene	21.434	228	37228	2.486	ng	96
82) 3,3'-Dichlorobenzidine	21.357	252	12565	2.576	ng	# 92
83) Chrysene	21.492	228	33717	2.345	ng	95
84) Bis(2-ethylhexyl)phtha...	21.357	149	22090	2.645	ng	# 95
85) Di-n-octyl phthalate	22.497	149	37020	2.544	ng	# 91
87) Indeno(1,2,3-cd)pyrene	27.838	276	39110	2.270	ng	# 86
88) Benzo(b)fluoranthene	23.502	252	35922	2.523	ng	# 95
89) Benzo(k)fluoranthene	23.566	252	30864	2.128	ng	98
90) Benzo(a)pyrene	24.313	252	33564	2.534	ng	# 92
91) Dibenzo(a,h)anthracene	27.891	278	32013	2.314	ng	# 85
92) Benzo(g,h,i)perylene	28.884	276	33843	2.514	ng	# 89

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

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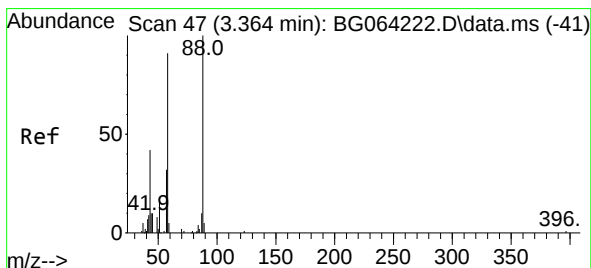
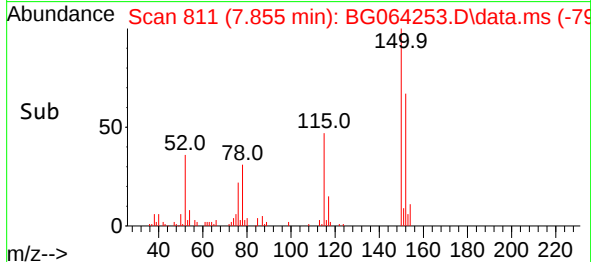
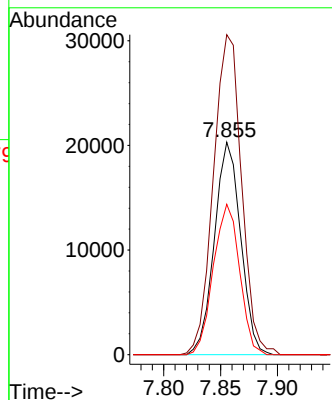
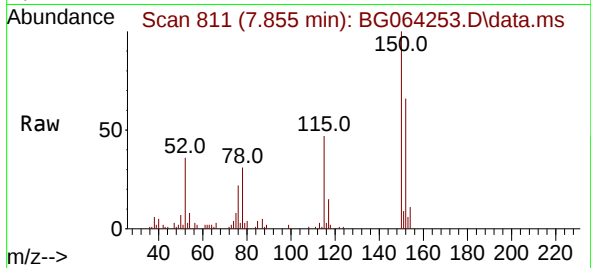




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

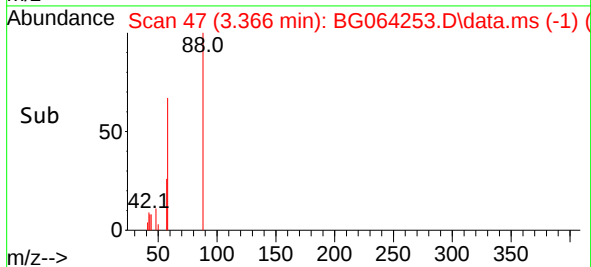
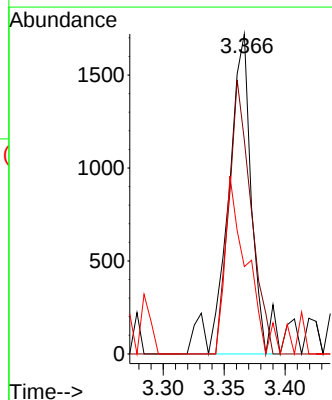
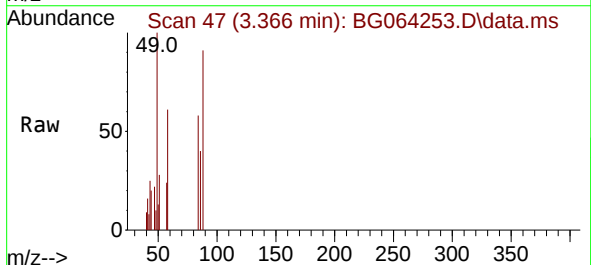
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ClientSampleId :
LOQ-SOIL-02-QT2-2025

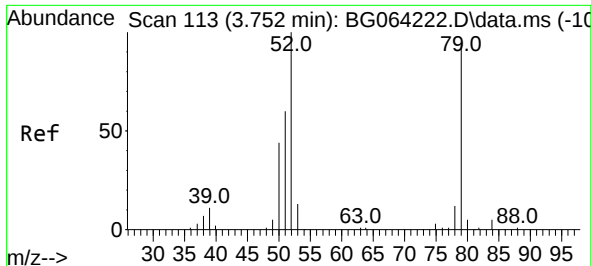
Tgt Ion:152 Resp: 32600
Ion Ratio Lower Upper
152 100
150 150.6 128.0 192.0
115 70.8 55.7 83.5



#2
1,4-Dioxane
Concen: 3.090 ng
RT: 3.366 min Scan# 47
Delta R.T. 0.008 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 88 Resp: 2340
Ion Ratio Lower Upper
88 100
58 79.7 80.8 121.2#
43 48.0 40.3 60.5

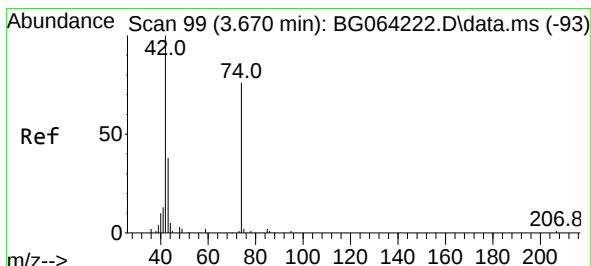
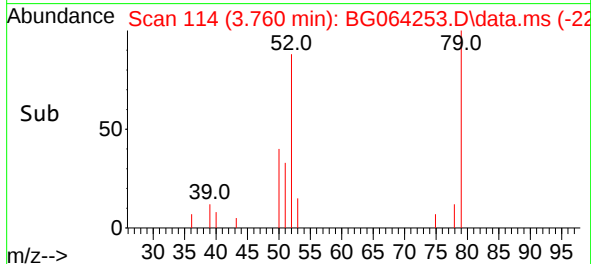
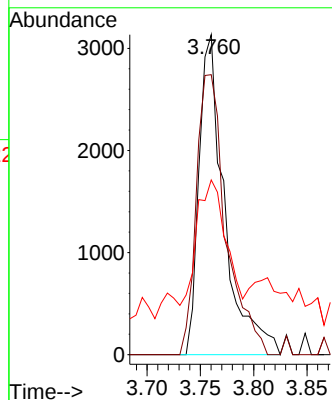
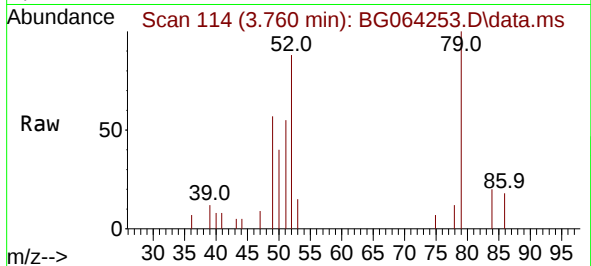




#3
Pyridine
Concen: 2.339 ng
RT: 3.760 min Scan# 11
Delta R.T. 0.008 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

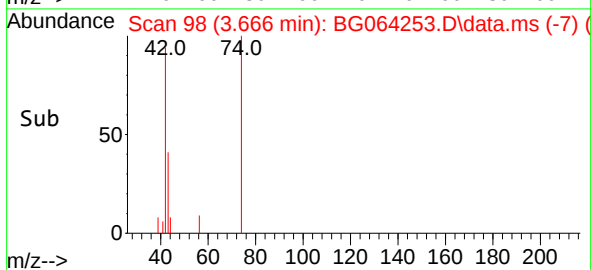
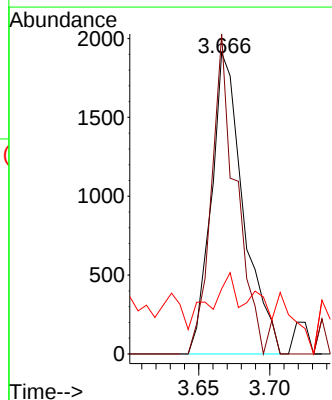
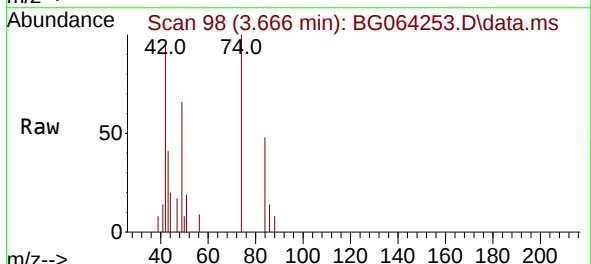
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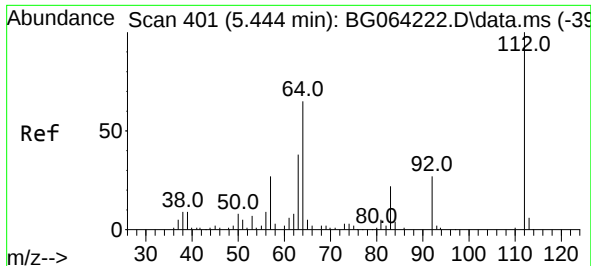
Tgt Ion: 79 Resp: 5215
Ion Ratio Lower Upper
79 100
52 87.5 86.6 129.8
51 54.6 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 2.030 ng
RT: 3.666 min Scan# 98
Delta R.T. 0.002 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 42 Resp: 2994
Ion Ratio Lower Upper
42 100
74 106.2 58.0 87.0#
44 21.6 5.5 8.3#

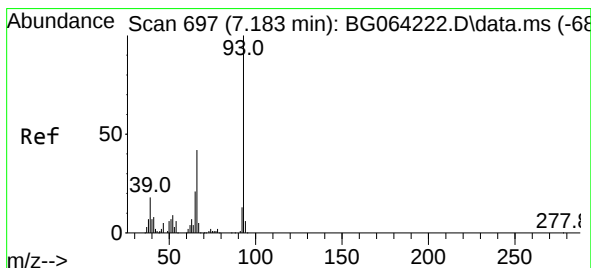
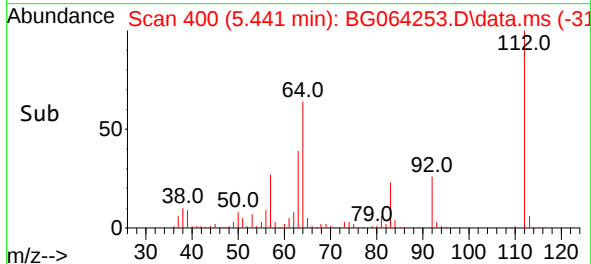
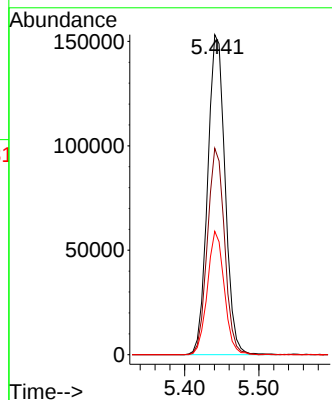
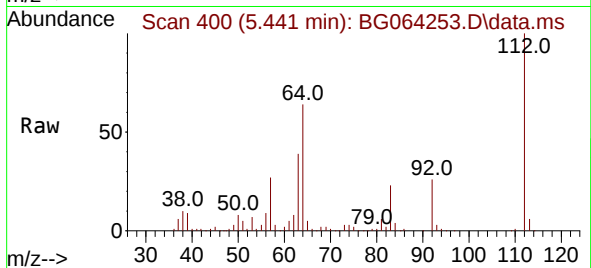




#5
2-Fluorophenol
Concen: 137.632 ng
RT: 5.441 min Scan# 401
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

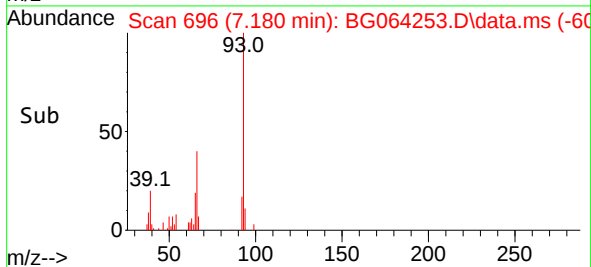
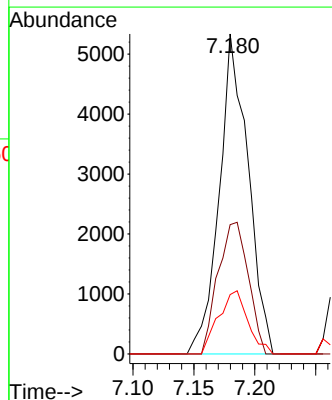
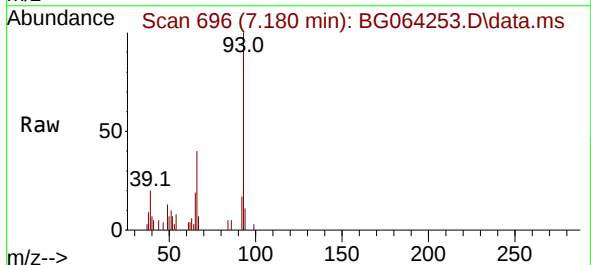
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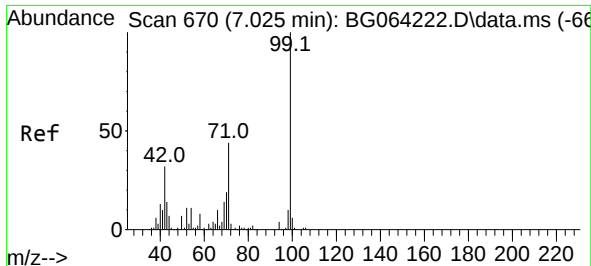
Tgt Ion:112 Resp: 250087
Ion Ratio Lower Upper
112 100
64 64.5 51.8 77.6
63 38.5 30.6 45.8



#6
Aniline
Concen: 2.543 ng
RT: 7.180 min Scan# 696
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 93 Resp: 8778
Ion Ratio Lower Upper
93 100
66 40.4 33.8 50.8
65 18.6 16.9 25.3

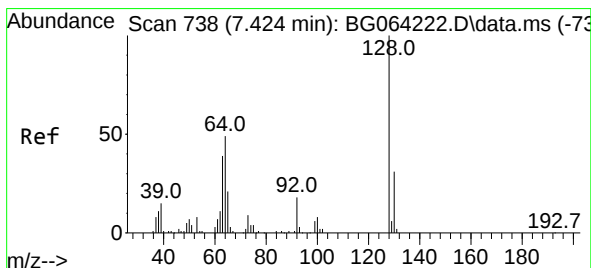
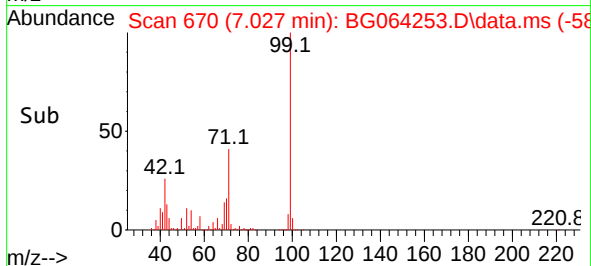
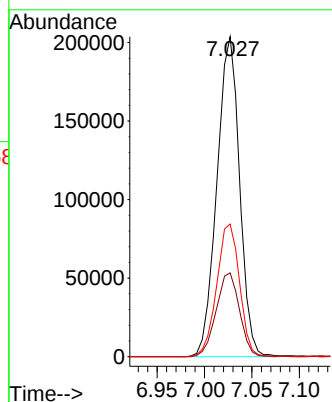
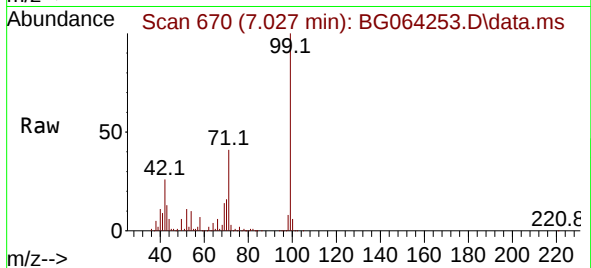




#7
Phenol-d6
Concen: 135.820 ng
RT: 7.027 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

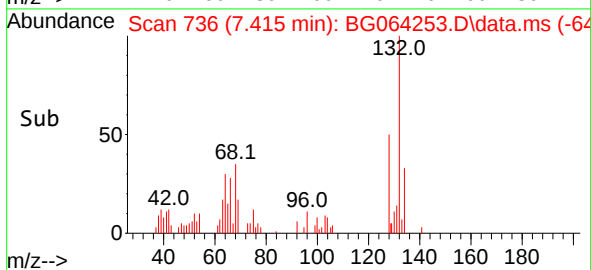
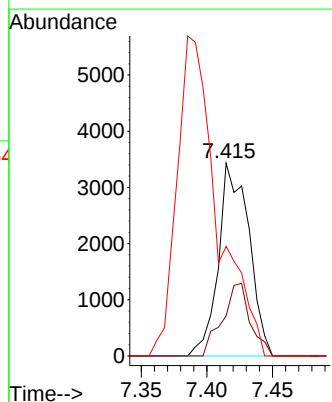
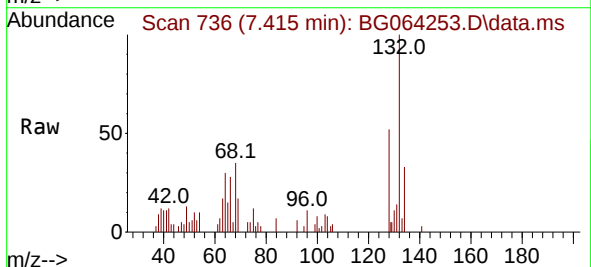
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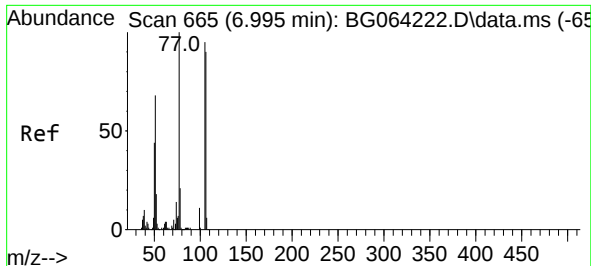
Tgt Ion: 99 Resp: 339054
Ion Ratio Lower Upper
99 100
42 26.2 25.8 38.8
71 41.5 35.2 52.8



#8
2-Chlorophenol
Concen: 2.492 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 128 Resp: 5534
Ion Ratio Lower Upper
128 100
130 19.1 10.9 50.9
64 52.3 28.7 68.7

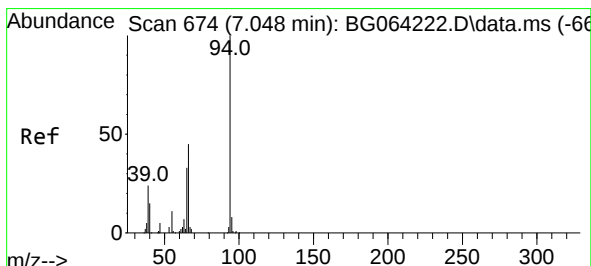
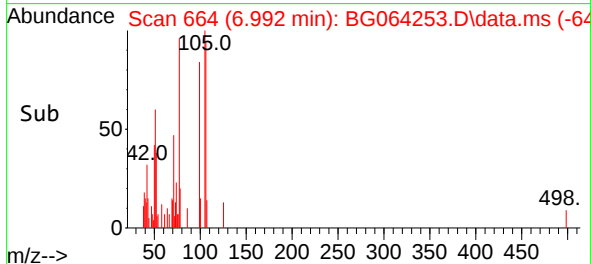
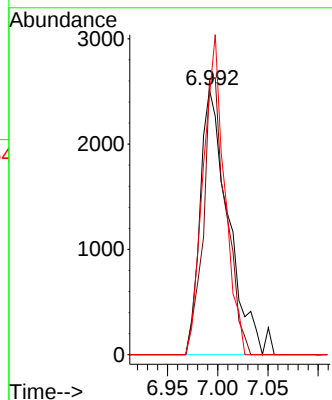
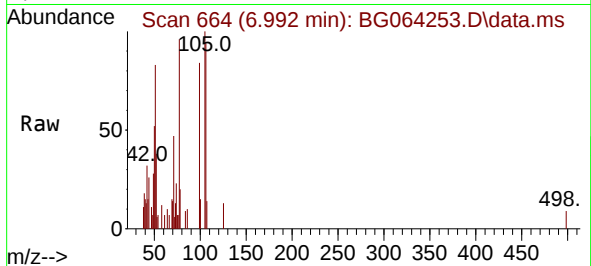




#9
Benzaldehyde
Concen: 2.413 ng
RT: 6.992 min Scan# 665
Delta R.T. -0.003 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

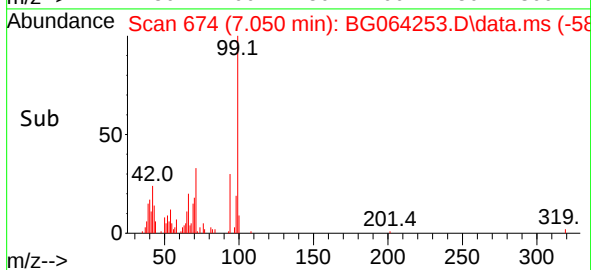
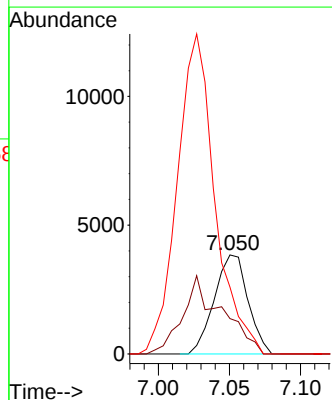
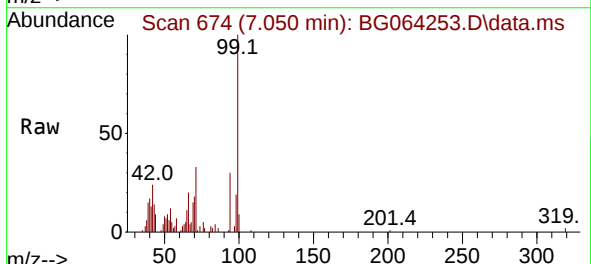
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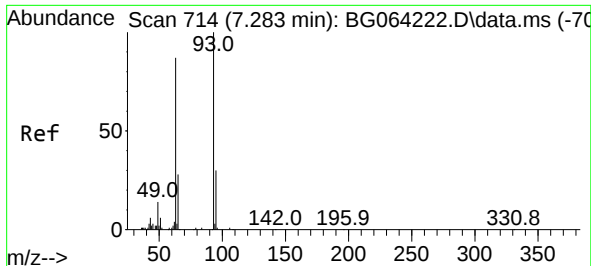
Tgt Ion: 77 Resp: 4958
Ion Ratio Lower Upper
77 100
105 103.7 75.2 115.2
106 97.6 69.6 109.6



#10
Phenol
Concen: 2.298 ng
RT: 7.050 min Scan# 674
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 94 Resp: 6324
Ion Ratio Lower Upper
94 100
65 35.7 13.5 53.5
66 67.6 26.2 66.2#

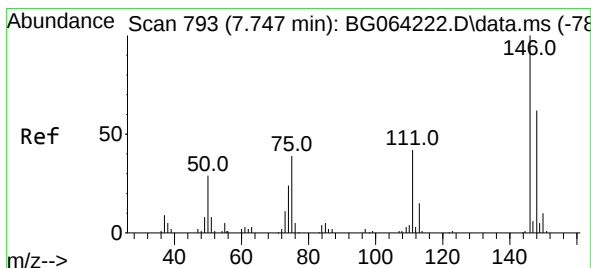
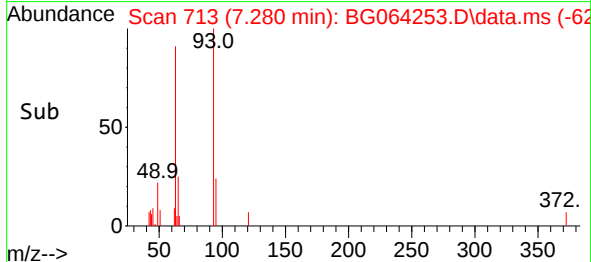
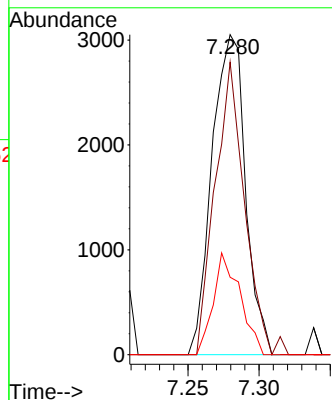
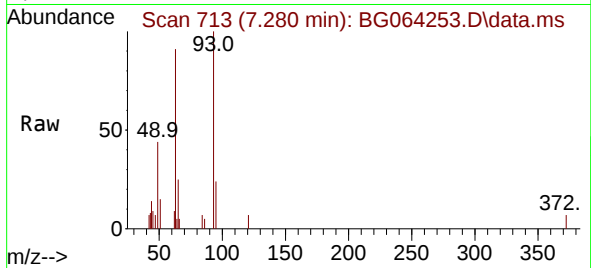




#11
bis(2-Chloroethyl)ether
Concen: 2.419 ng
RT: 7.280 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

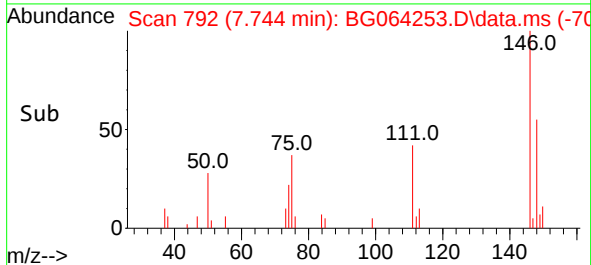
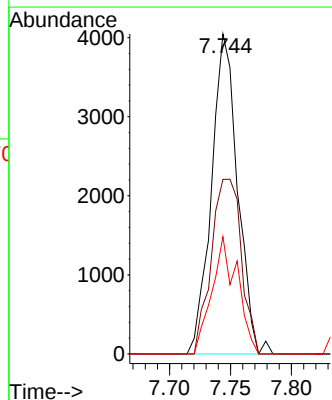
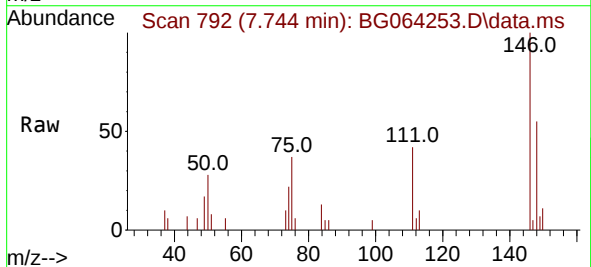
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

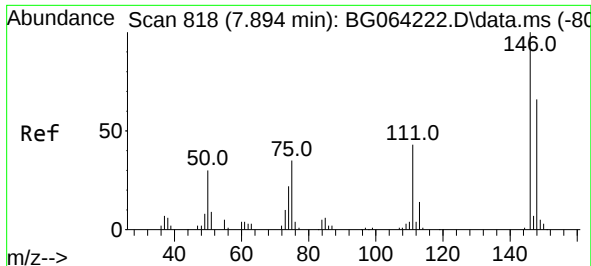
Tgt Ion: 93 Resp: 5003
Ion Ratio Lower Upper
93 100
63 91.4 66.2 106.2
95 24.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 2.563 ng
RT: 7.744 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:146 Resp: 6055
Ion Ratio Lower Upper
146 100
148 54.6 49.6 74.4
75 36.7 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 2.540 ng

RT: 7.744 min Scan# 71

Delta R.T. -0.151 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

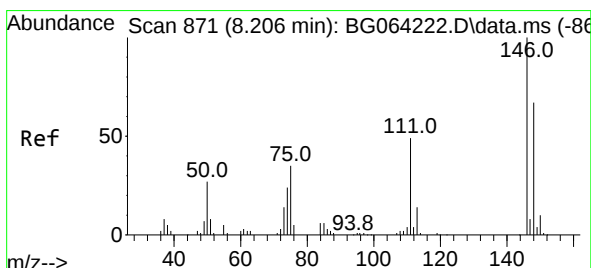
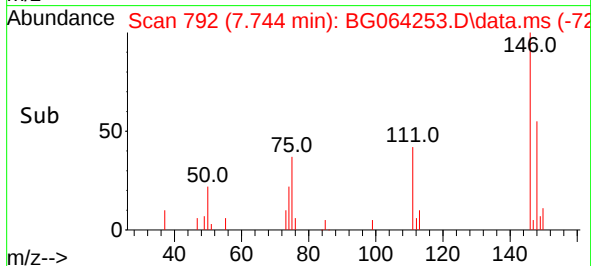
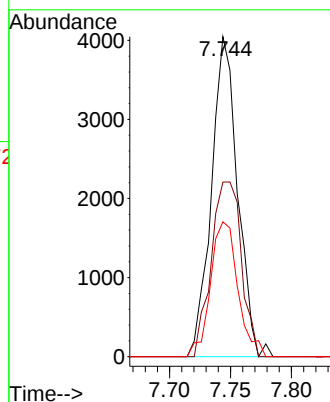
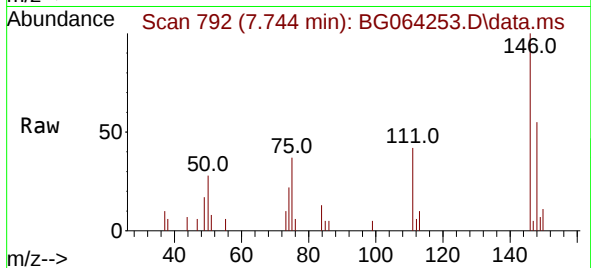
Tgt Ion:146 Resp: 6055

Ion Ratio Lower Upper

146 100

148 54.6 52.8 79.2

111 42.1 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 2.653 ng

RT: 8.202 min Scan# 870

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

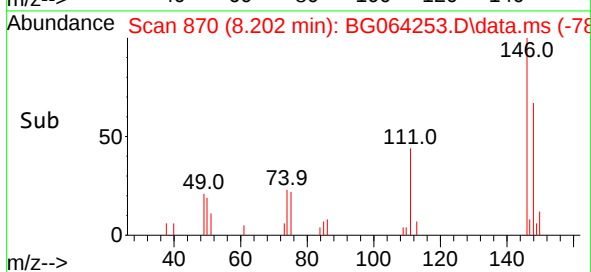
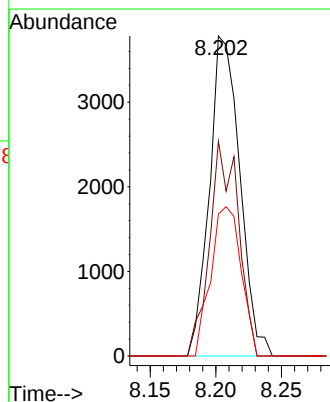
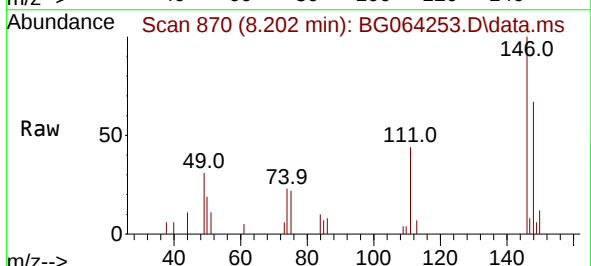
Tgt Ion:146 Resp: 6105

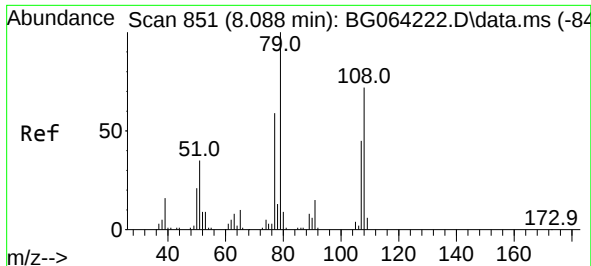
Ion Ratio Lower Upper

146 100

148 67.1 53.4 80.0

111 44.4 39.1 58.7

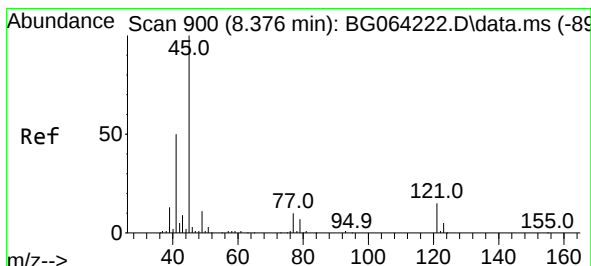
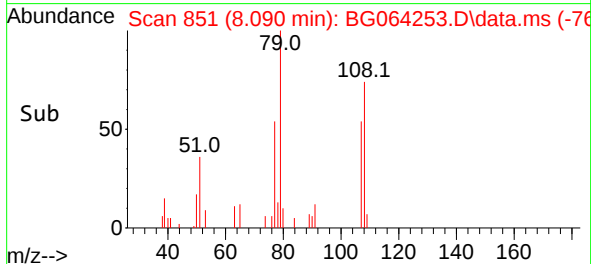
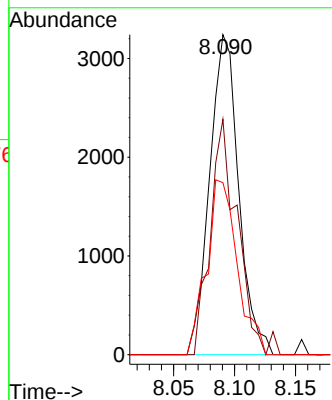
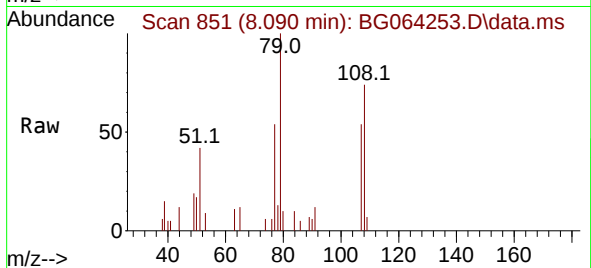




#15
Benzyl Alcohol
Concen: 2.338 ng
RT: 8.090 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

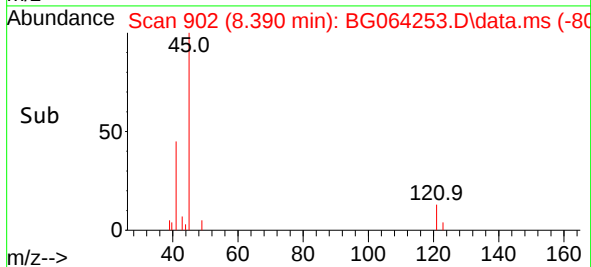
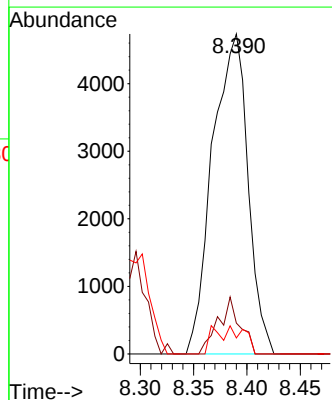
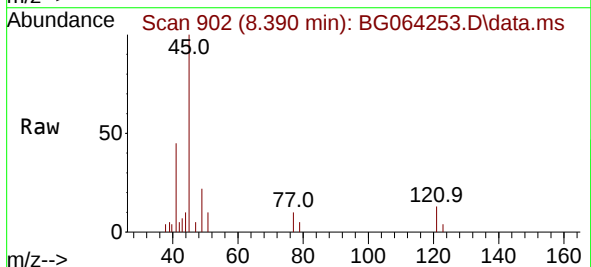
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

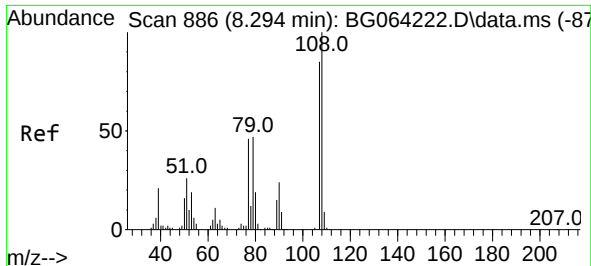
Tgt Ion: 79 Resp: 5386
Ion Ratio Lower Upper
79 100
108 73.6 57.4 86.0
77 53.8 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.315 ng
RT: 8.390 min Scan# 902
Delta R.T. 0.014 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 45 Resp: 10930
Ion Ratio Lower Upper
45 100
77 9.6 0.0 30.0
79 5.0 0.0 27.9



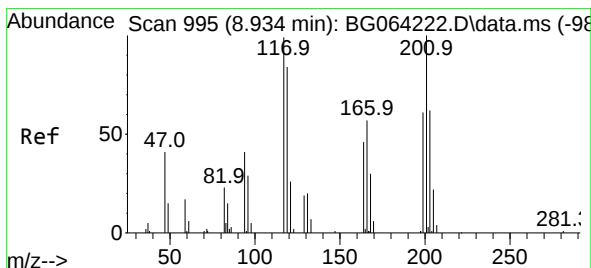
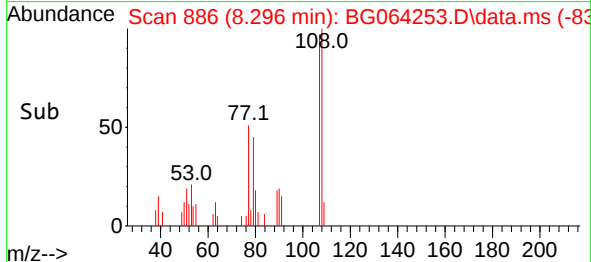
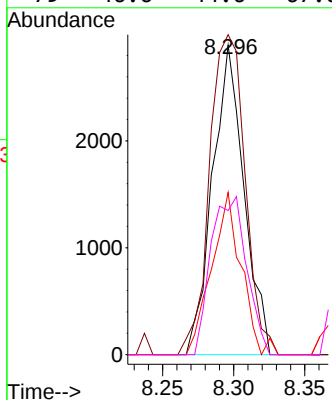
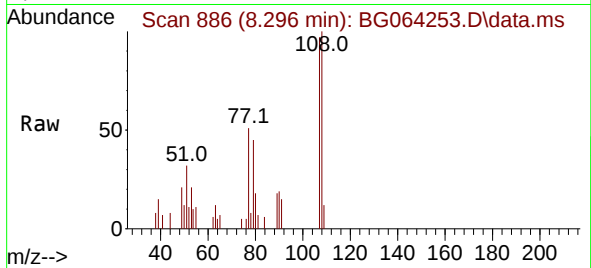


#17
2-Methylphenol
Concen: 2.174 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:107 Resp: 4459

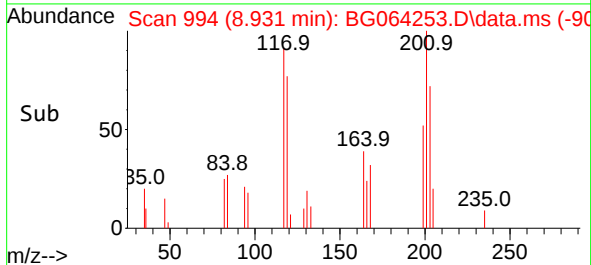
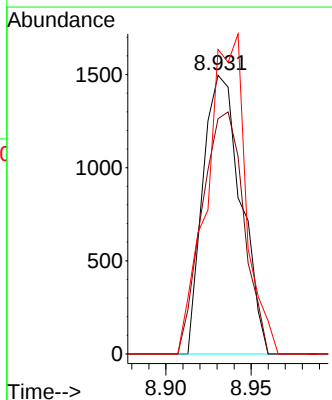
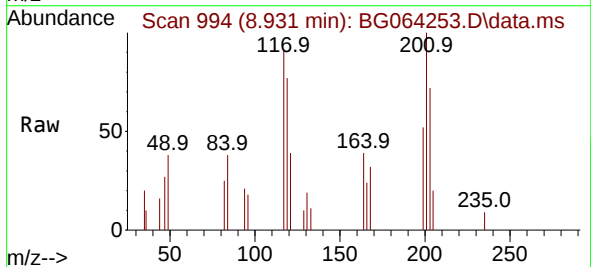
Ion	Ratio	Lower	Upper
107	100		
108	103.4	94.6	141.8
77	52.4	43.7	65.5
79	46.6	44.6	67.0

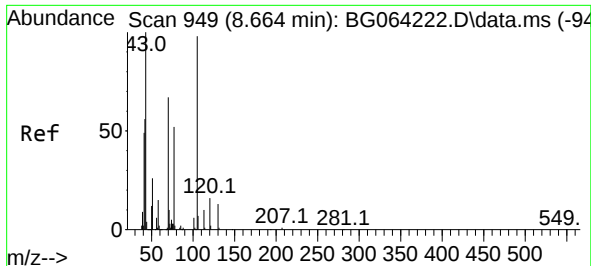


#18
Hexachloroethane
Concen: 2.491 ng
RT: 8.931 min Scan# 994
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:117 Resp: 2318

Ion	Ratio	Lower	Upper
117	100		
119	84.4	67.9	101.9
201	109.3	80.5	120.7

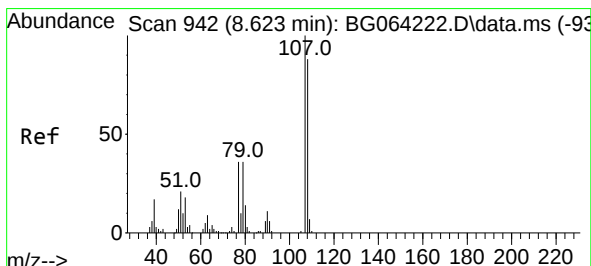
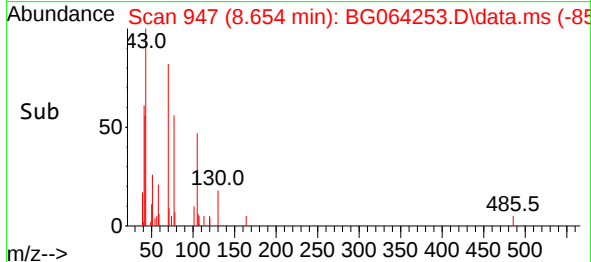
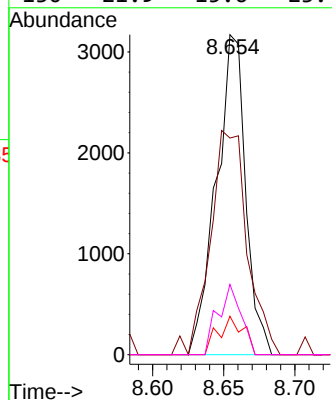
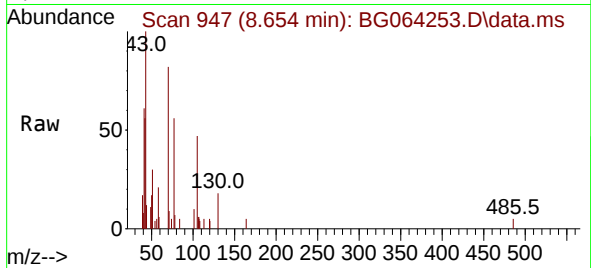




#19
n-Nitroso-di-n-propylamine
Concen: 2.385 ng
RT: 8.654 min Scan# 949
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

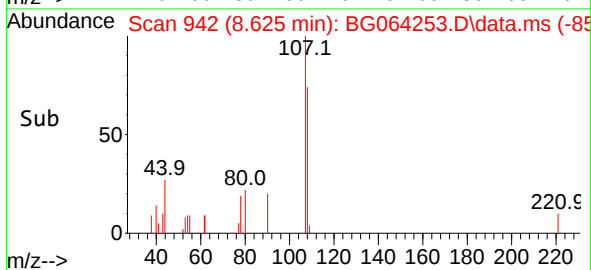
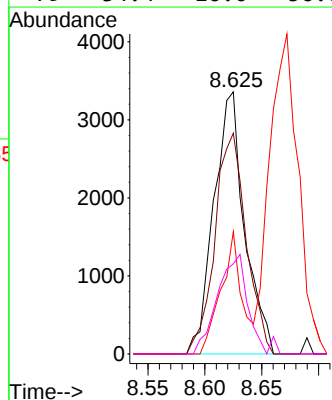
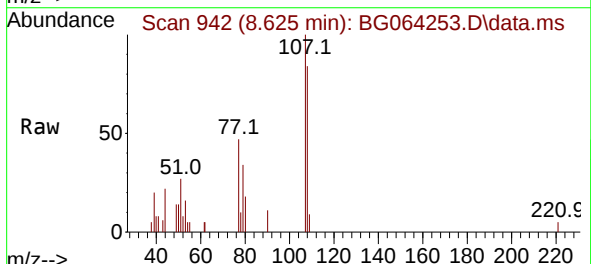
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

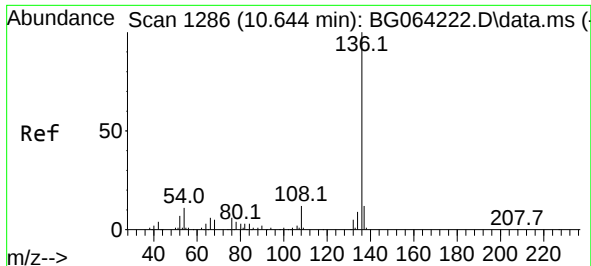
Tgt Ion: 70 Resp: 4556
Ion Ratio Lower Upper
70 100
42 67.7 67.9 101.9#
101 12.0 7.3 10.9#
130 21.9 15.6 23.4



#20
3+4-Methylphenols
Concen: 2.212 ng
RT: 8.625 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion: 107 Resp: 6304
Ion Ratio Lower Upper
107 100
108 84.3 68.1 108.1
77 46.7 15.9 55.9
79 34.4 16.0 56.0

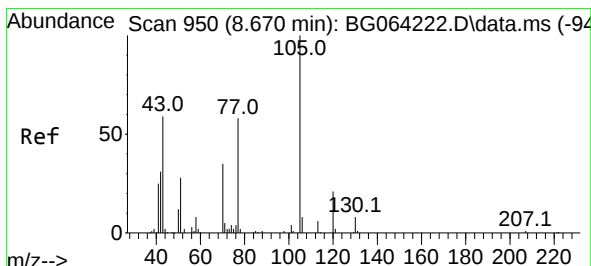
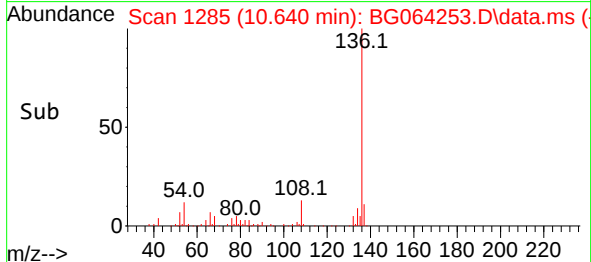
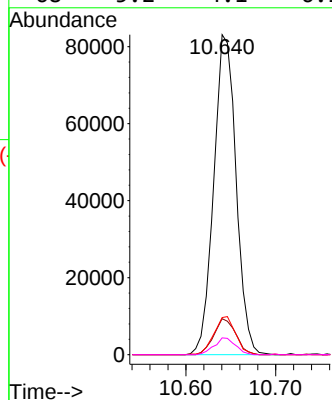
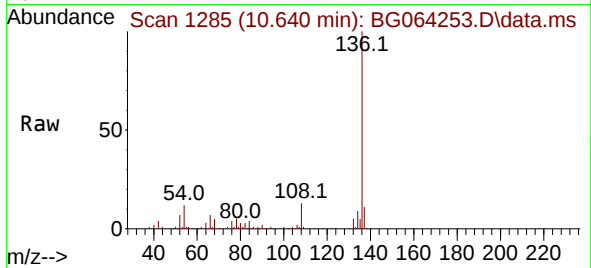




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

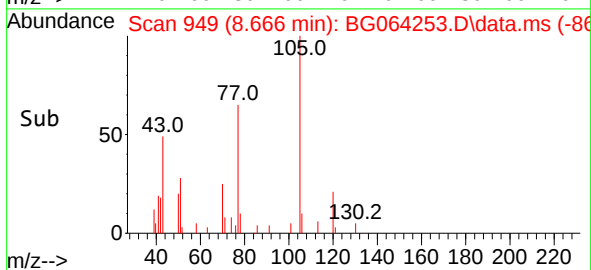
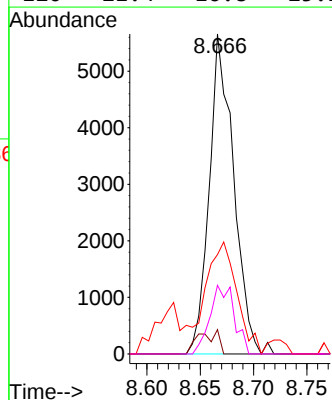
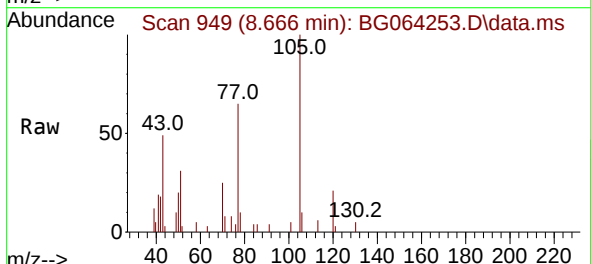
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

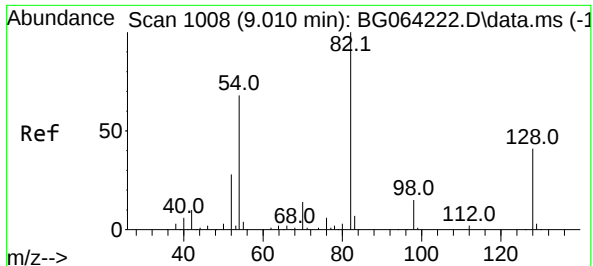
Tgt	Ion:136	Resp:	143781
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	11.6	8.8	13.2
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 2.476 ng
RT: 8.666 min Scan# 949
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt	Ion:105	Resp:	9006
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.3	6.5#
51	34.0	32.4	48.6
120	21.4	16.8	25.2





#23

Nitrobenzene-d5

Concen: 84.131 ng

RT: 9.007 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

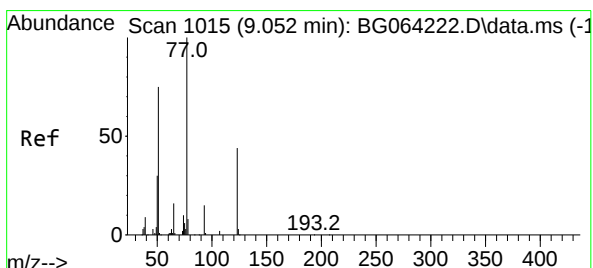
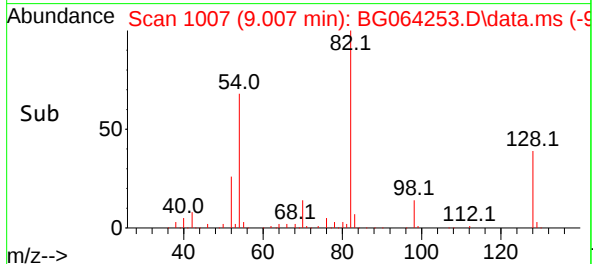
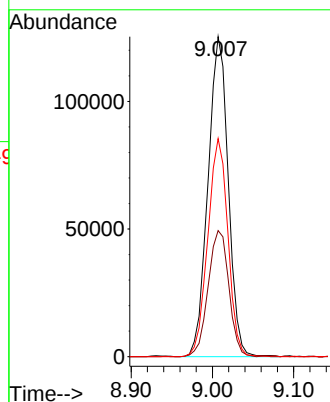
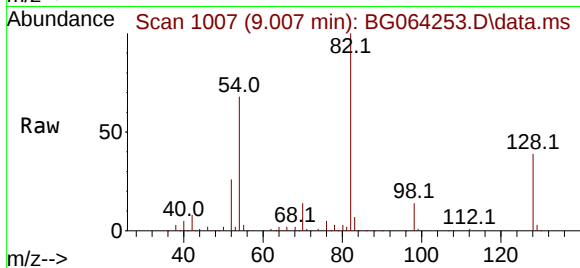
Tgt Ion: 82 Resp: 216897

Ion Ratio Lower Upper

82 100

128 39.4 32.6 48.8

54 68.1 54.7 82.1



#24

Nitrobenzene

Concen: 2.539 ng

RT: 9.048 min Scan# 1014

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

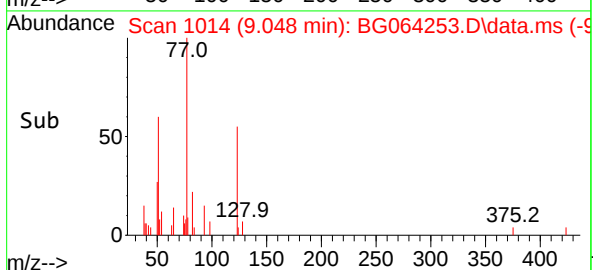
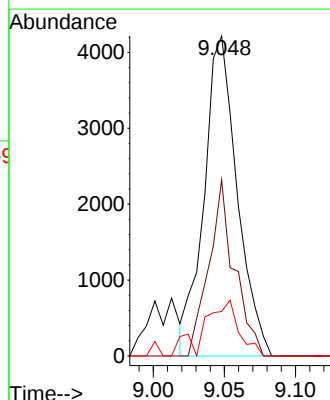
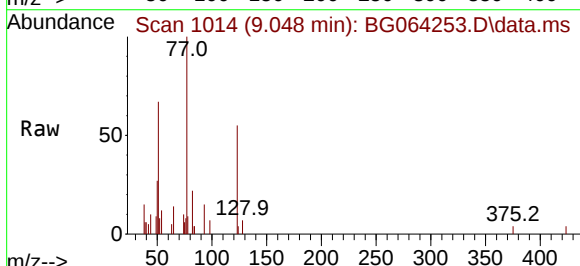
Tgt Ion: 77 Resp: 6840

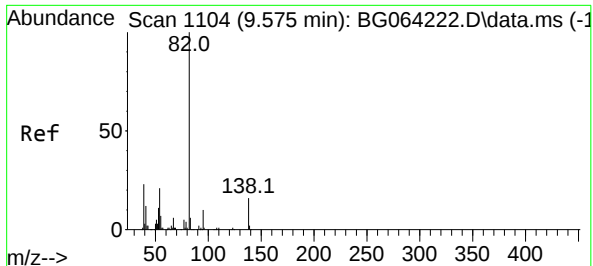
Ion Ratio Lower Upper

77 100

123 55.1 35.2 52.8#

65 13.9 12.6 19.0

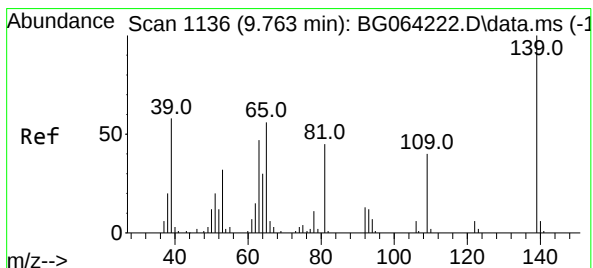
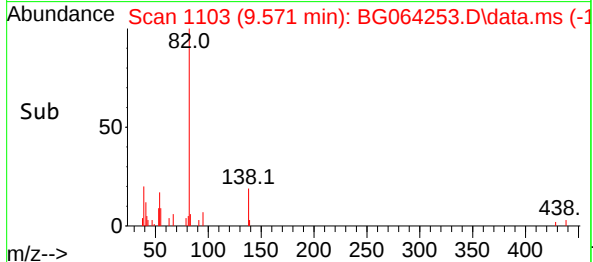
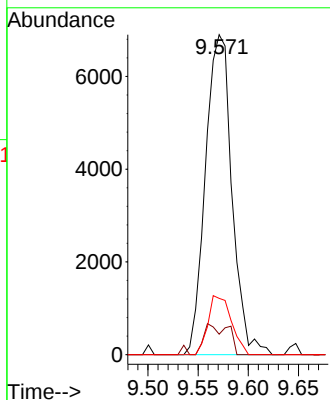
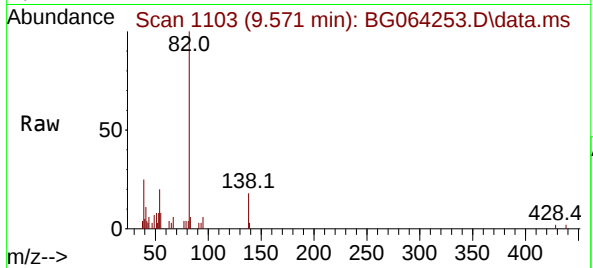




#25
Isophorone
Concen: 2.370 ng
RT: 9.571 min Scan# 1104
Delta R.T. -0.016 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

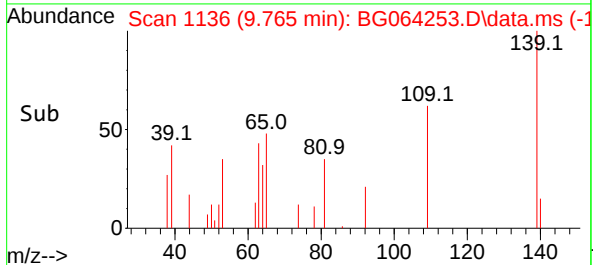
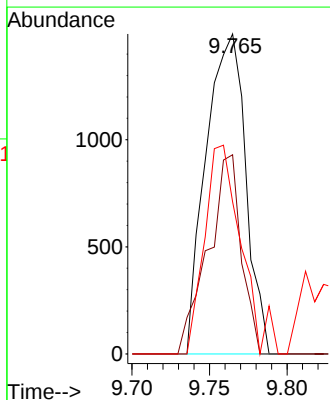
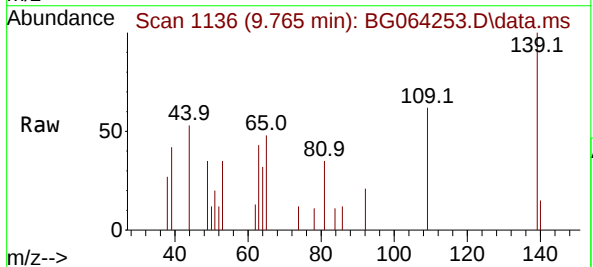
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

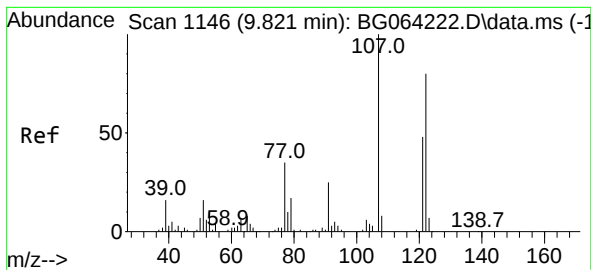
Tgt Ion: 82 Resp: 12696
Ion Ratio Lower Upper
82 100
95 6.4 7.9 11.9#
138 17.6 13.0 19.4



#26
2-Nitrophenol
Concen: 2.284 ng
RT: 9.765 min Scan# 1136
Delta R.T. 0.002 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:139 Resp: 2658
Ion Ratio Lower Upper
139 100
109 62.2 32.4 48.6#
65 47.5 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 2.301 ng

RT: 9.824 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

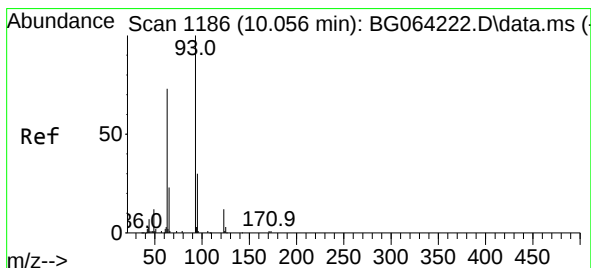
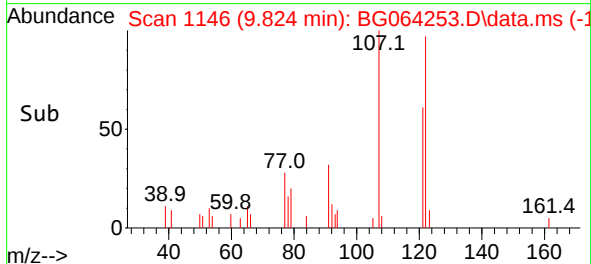
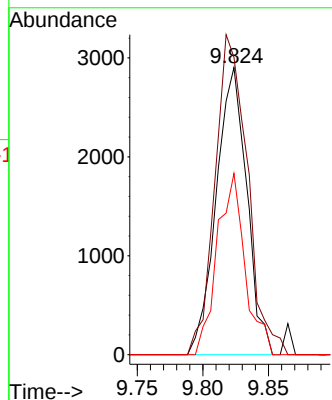
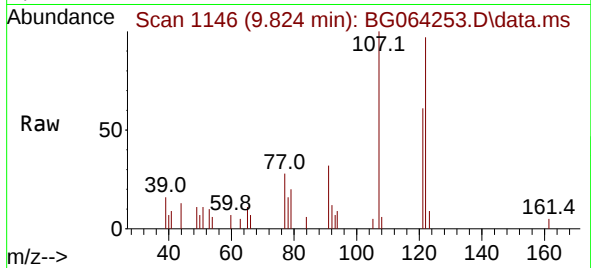
Tgt Ion:122 Resp: 4701

Ion Ratio Lower Upper

122 100

107 103.5 99.9 149.9

121 63.1 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 2.361 ng

RT: 10.053 min Scan# 1185

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

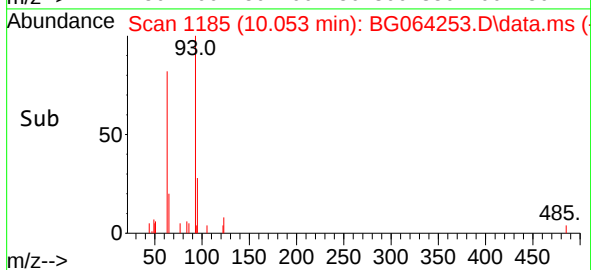
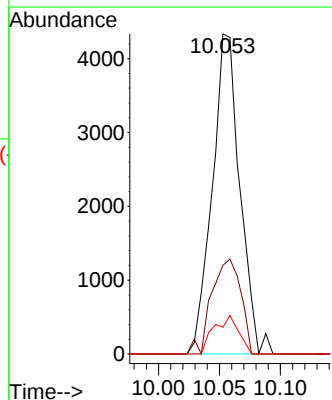
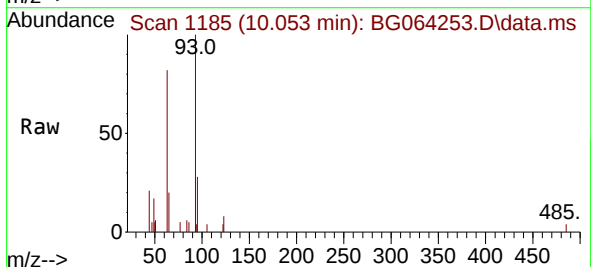
Tgt Ion: 93 Resp: 6821

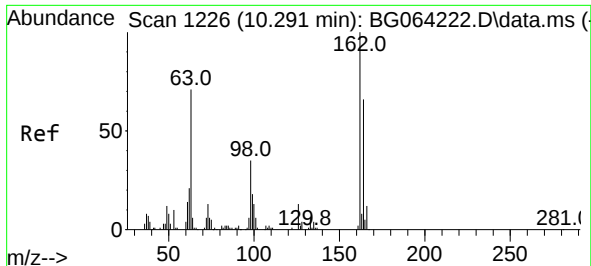
Ion Ratio Lower Upper

93 100

95 27.7 23.9 35.9

123 8.4 9.6 14.4#





#29

2,4-Dichlorophenol

Concen: 2.236 ng

RT: 10.300 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG064253.D

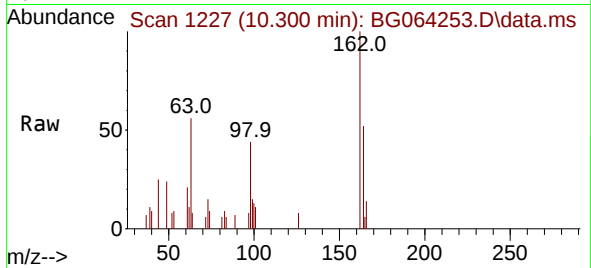
Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



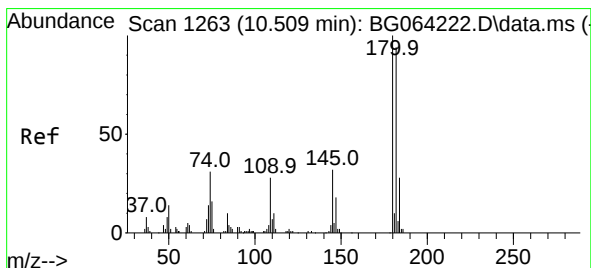
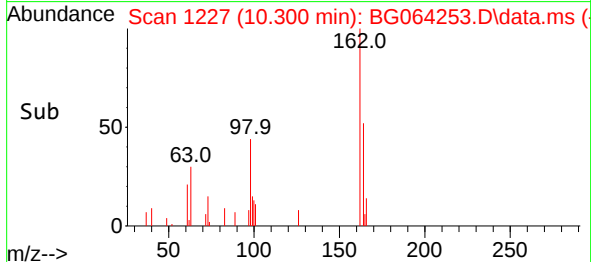
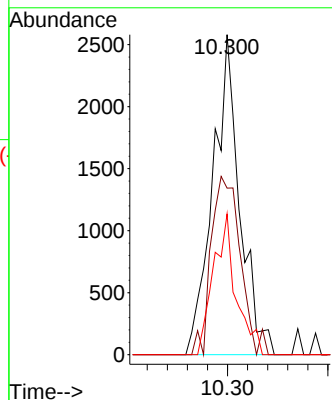
Tgt Ion:162 Resp: 4820

Ion Ratio Lower Upper

162 100

164 52.1 45.8 85.8

98 44.0 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 2.630 ng

RT: 10.511 min Scan# 1263

Delta R.T. 0.002 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

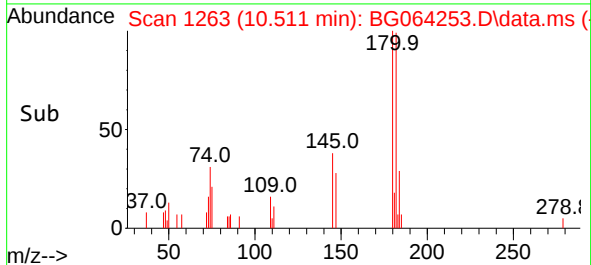
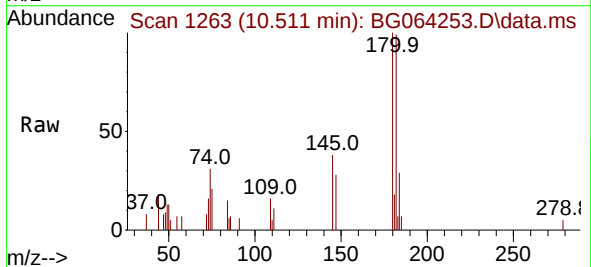
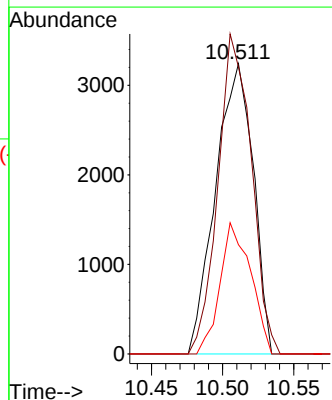
Tgt Ion:180 Resp: 5978

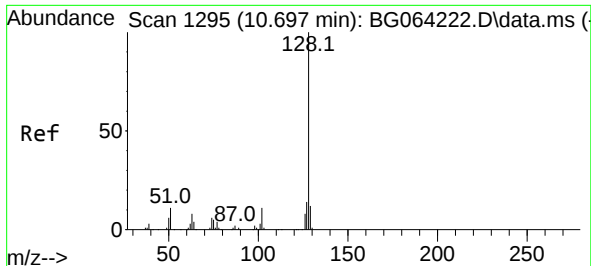
Ion Ratio Lower Upper

180 100

182 98.9 75.0 112.6

145 37.7 25.4 38.0

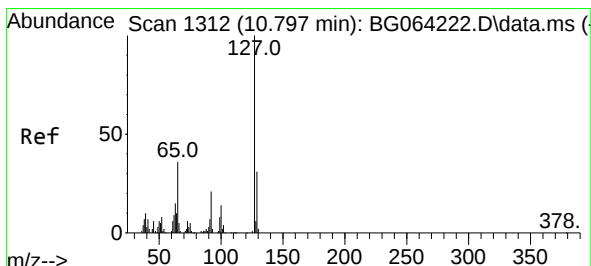
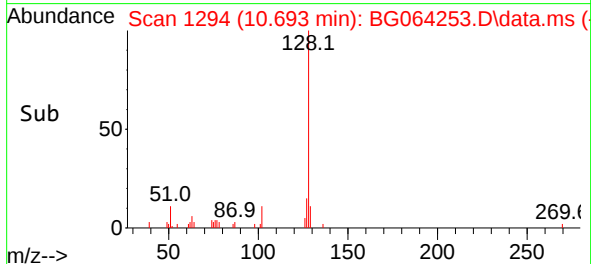
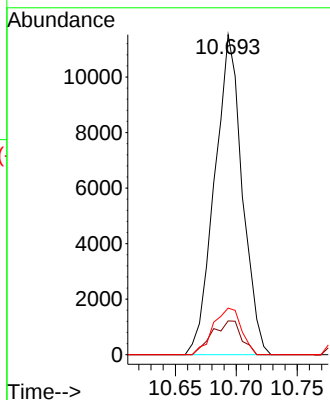
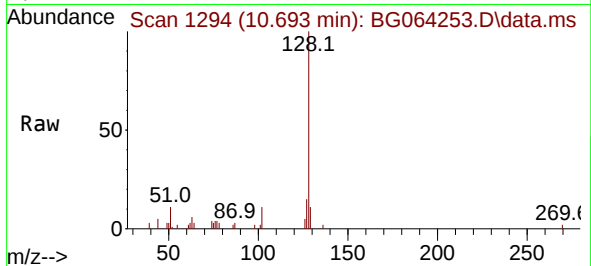




#31
Naphthalene
Concen: 2.441 ng
RT: 10.693 min Scan# 1294
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

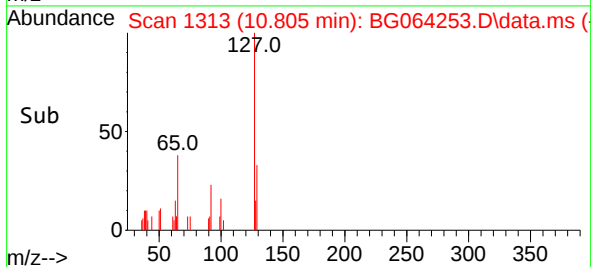
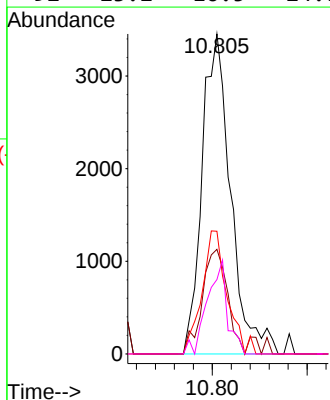
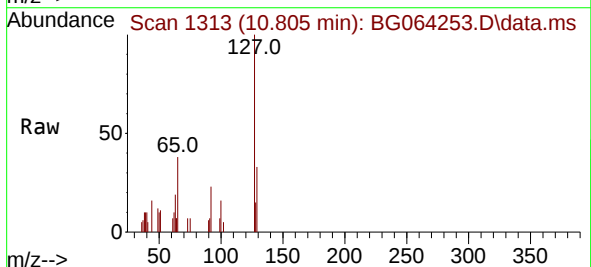
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

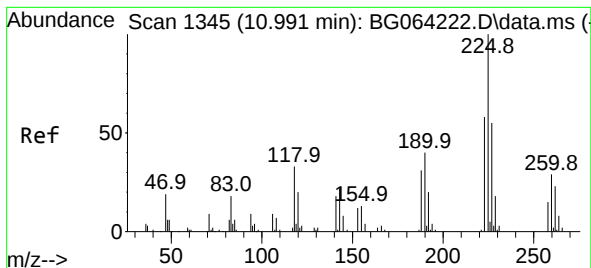
Tgt Ion:128	Resp:	18196
Ion Ratio	Lower	Upper
128	100	
129	10.5	9.4 14.2
127	14.6	10.9 16.3



#33
4-Chloroaniline
Concen: 2.504 ng
RT: 10.805 min Scan# 1313
Delta R.T. 0.002 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:127	Resp:	7237
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.0 37.4
65	38.3	28.7 43.1
92	23.2	16.5 24.7





#34

Hexachlorobutadiene

Concen: 2.364 ng

RT: 10.987 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG064253.D

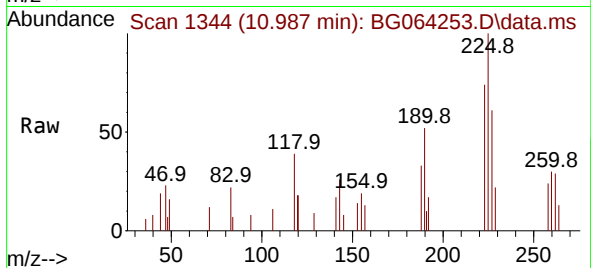
Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



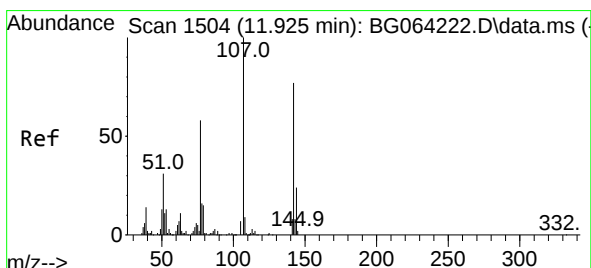
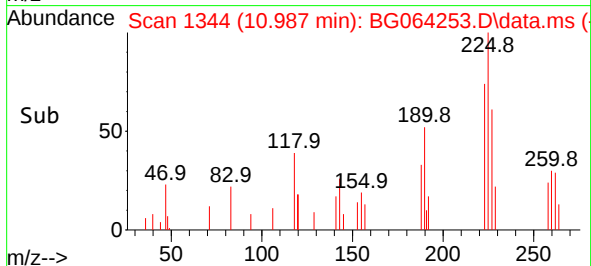
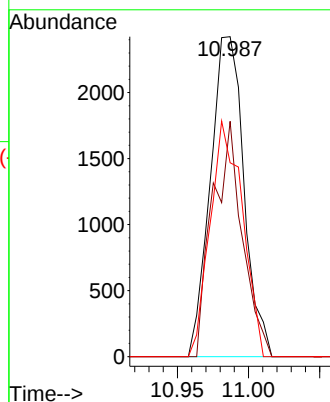
Tgt Ion:225 Resp: 3973

Ion Ratio Lower Upper

225 100

223 73.5 46.5 69.7#

227 60.6 44.1 66.1



#36

4-Chloro-3-methylphenol

Concen: 2.181 ng

RT: 11.927 min Scan# 1504

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

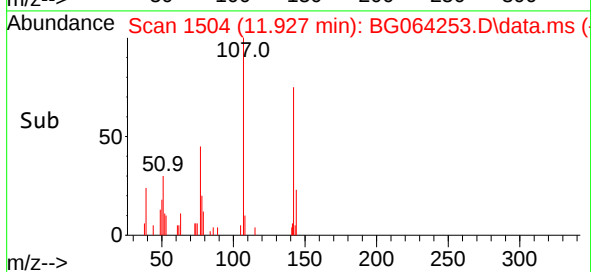
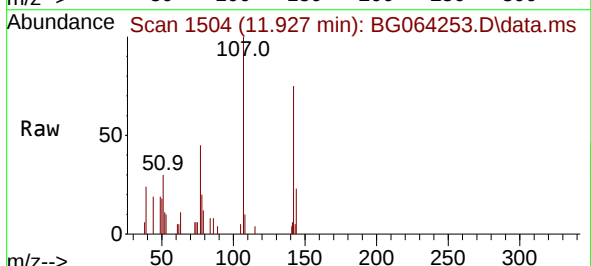
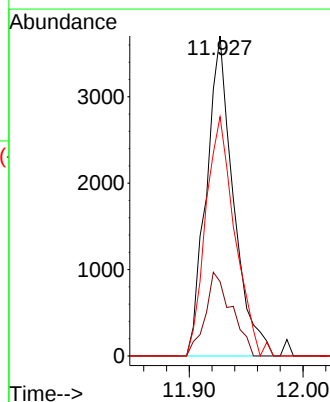
Tgt Ion:107 Resp: 6101

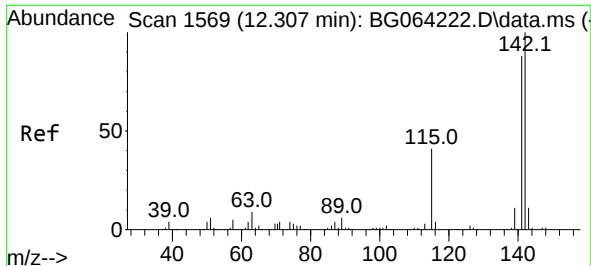
Ion Ratio Lower Upper

107 100

144 23.3 19.5 29.3

142 74.7 62.0 93.0

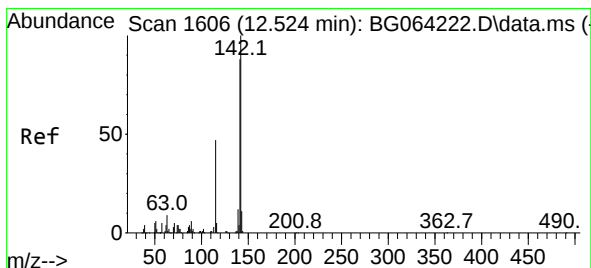
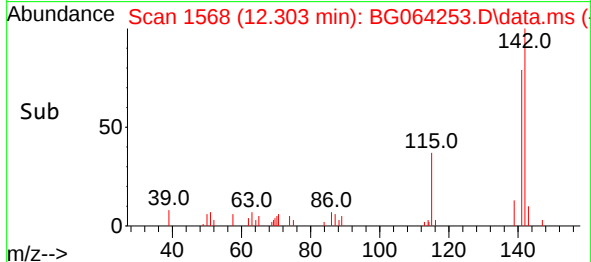
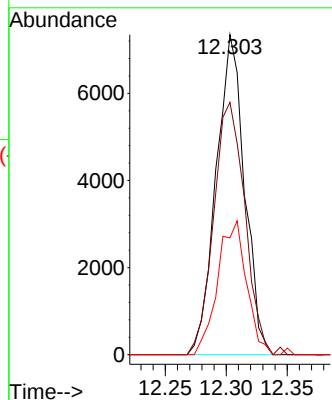
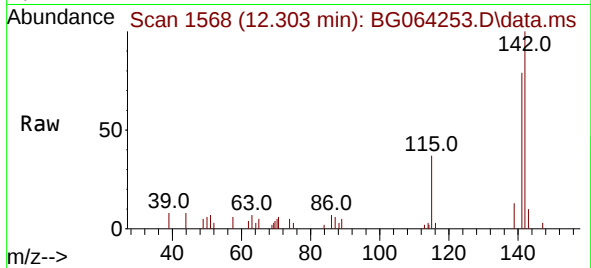




#37
2-Methylnaphthalene
Concen: 2.153 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

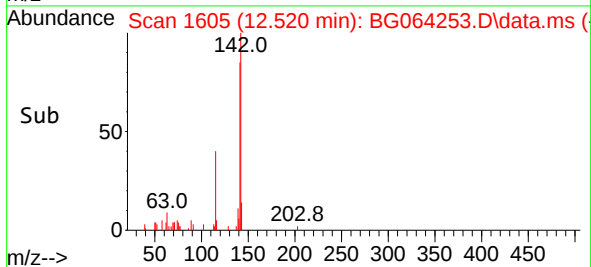
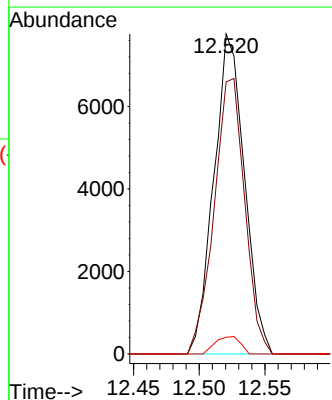
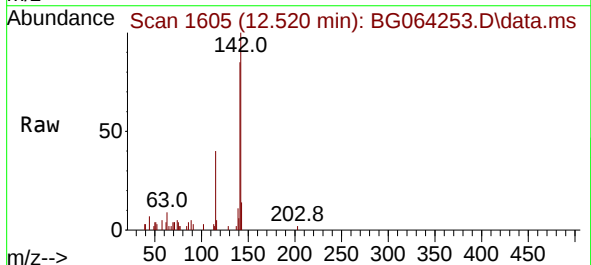
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

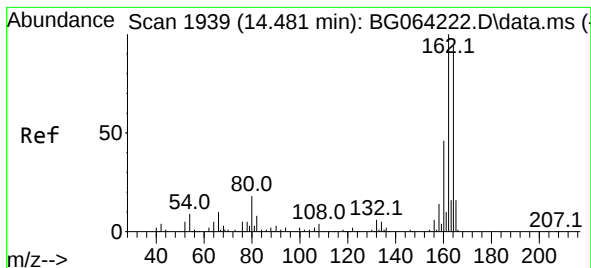
Tgt Ion:142 Resp: 11930
Ion Ratio Lower Upper
142 100
141 78.8 70.1 105.1
115 36.5 33.1 49.7



#38
1-Methylnaphthalene
Concen: 2.294 ng
RT: 12.520 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:142 Resp: 12555
Ion Ratio Lower Upper
142 100
141 85.0 70.3 105.5
116 5.2 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.483 min Scan# 1939

Delta R.T. 0.002 min

Lab File: BG064253.D

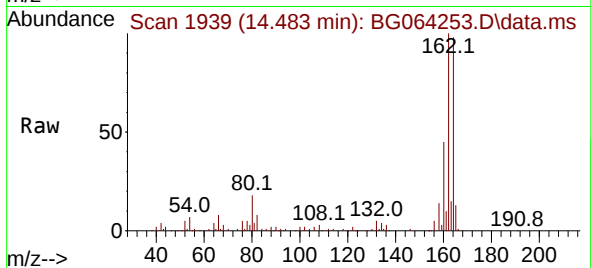
Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



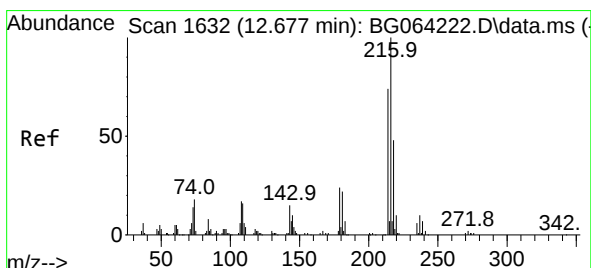
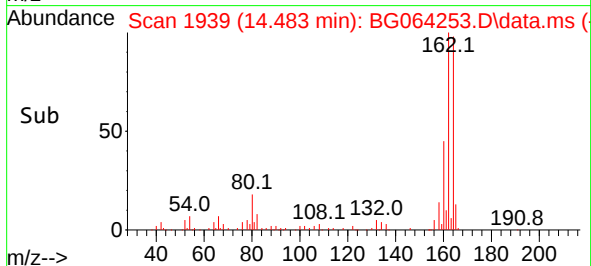
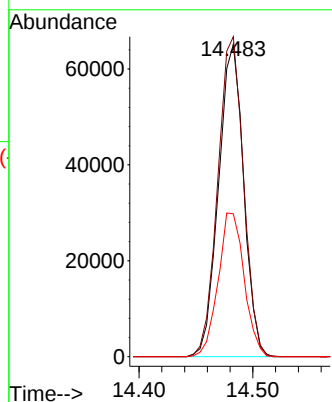
Tgt Ion:164 Resp: 99791

Ion Ratio Lower Upper

164 100

162 102.5 85.4 128.0

160 45.8 39.2 58.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.481 ng

RT: 12.673 min Scan# 1631

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Tgt Ion:216 Resp: 7144

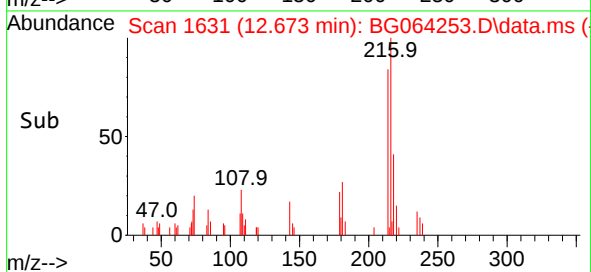
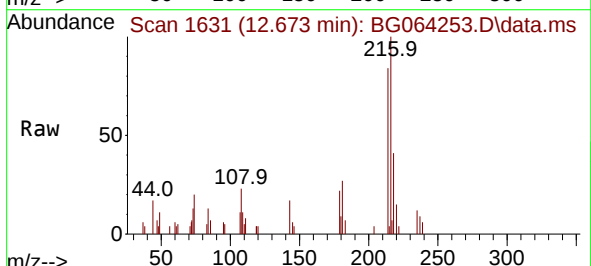
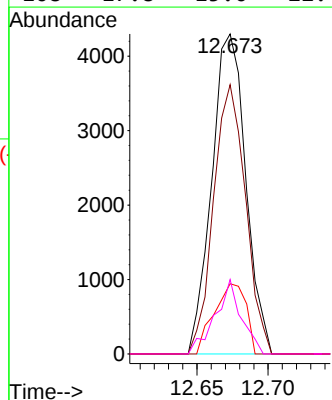
Ion Ratio Lower Upper

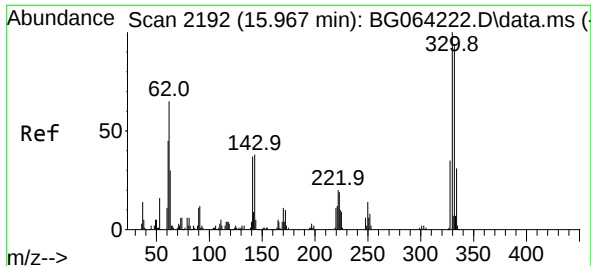
216 100

214 79.3 61.9 92.9

179 20.5 17.9 26.9

108 17.8 15.0 22.4

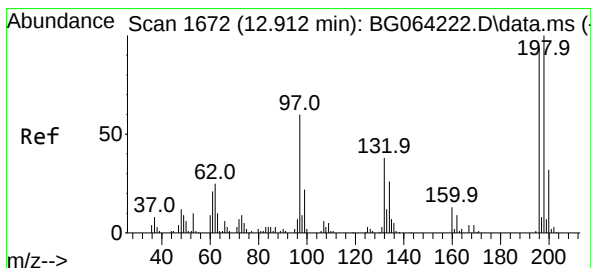
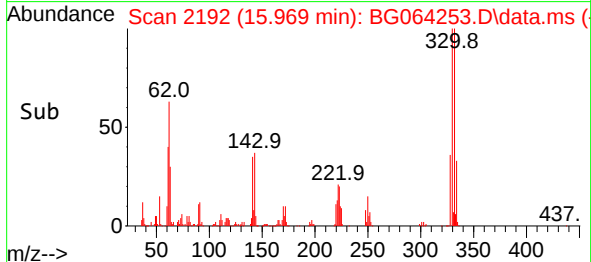
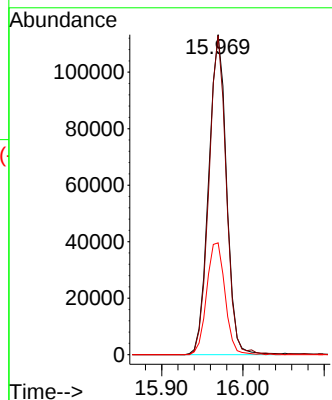
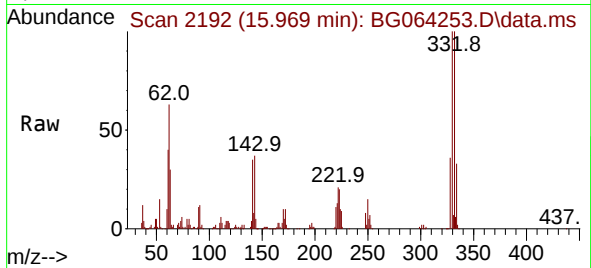




#42
2,4,6-Tribromophenol
Concen: 130.467 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

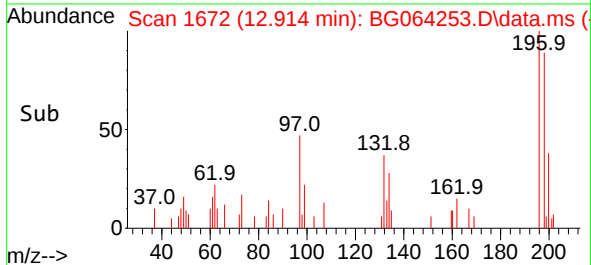
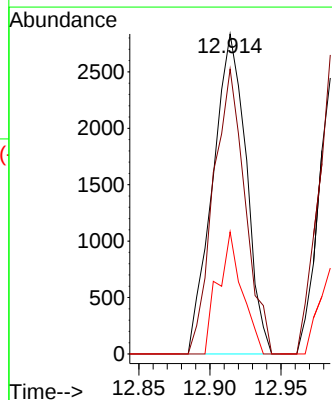
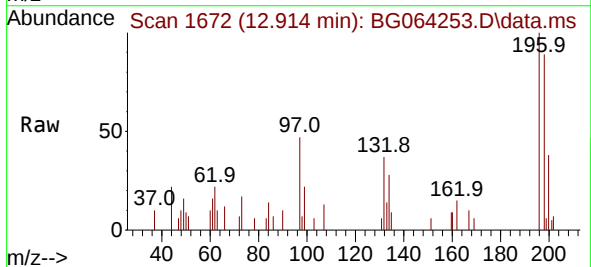
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

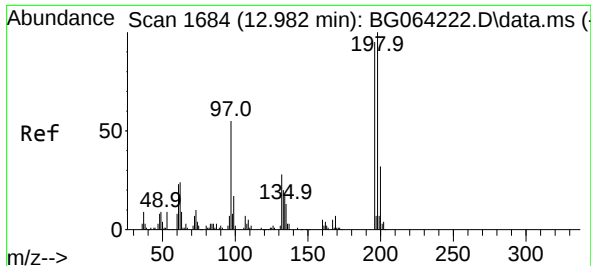
Tgt Ion:330 Resp: 172448
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 36.0 29.8 44.6



#43
2,4,6-Trichlorophenol
Concen: 2.407 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:196 Resp: 4632
Ion Ratio Lower Upper
196 100
198 89.0 85.4 128.2
200 38.2 27.3 40.9

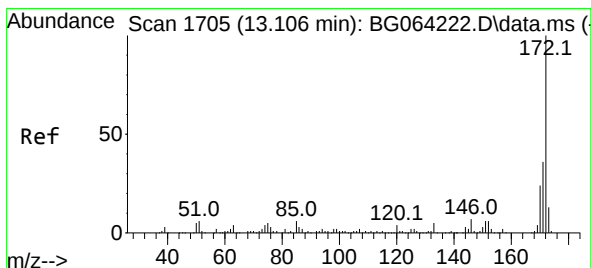
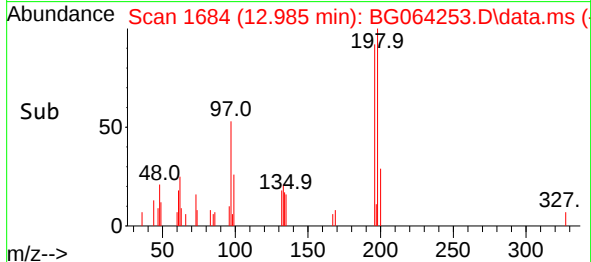
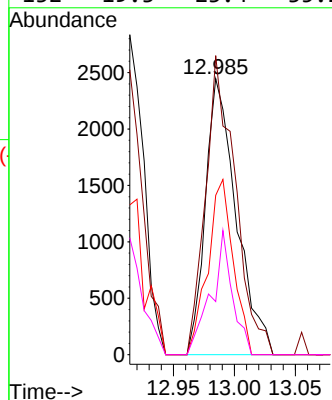
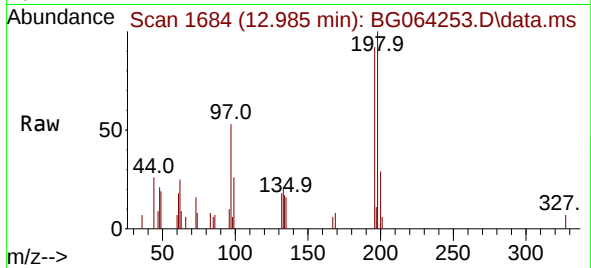




#44
2,4,5-Trichlorophenol
Concen: 2.068 ng
RT: 12.985 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

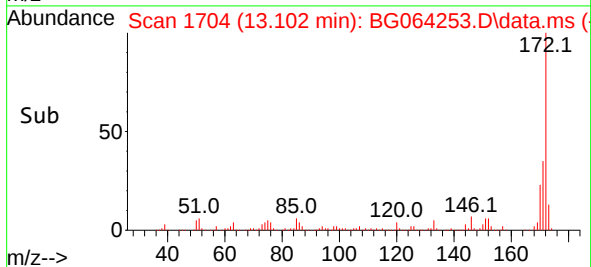
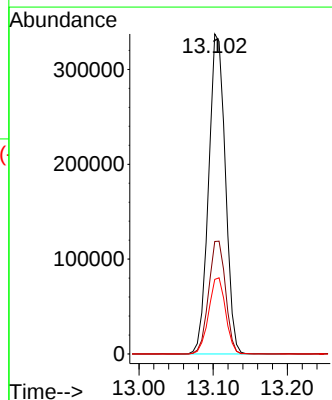
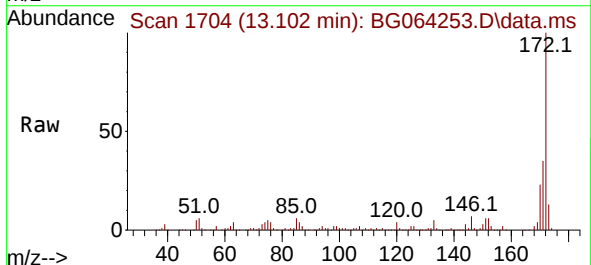
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

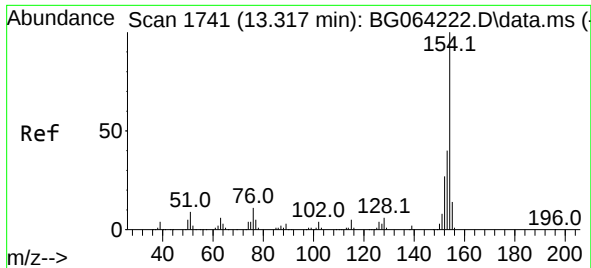
Tgt Ion:196 Resp: 4318
Ion Ratio Lower Upper
196 100
198 108.3 84.5 126.7
97 57.8 46.8 70.2
132 19.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 80.803 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.010 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:172 Resp: 528278
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.3 19.0 28.6

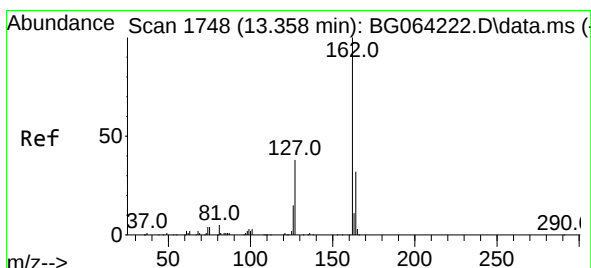
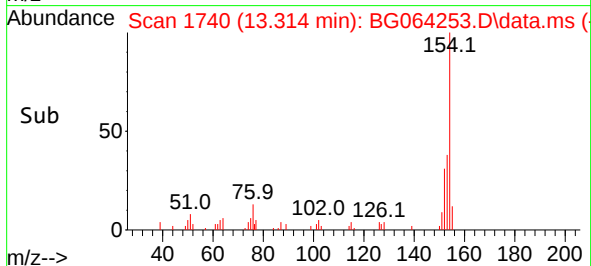
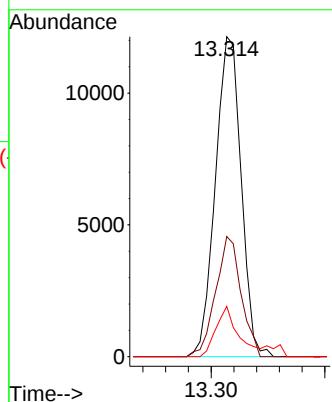
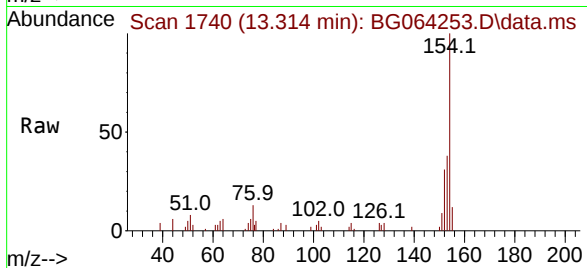




#46
1,1'-Biphenyl
Concen: 2.625 ng
RT: 13.314 min Scan# 1741
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

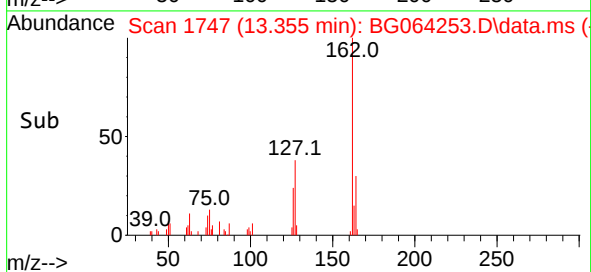
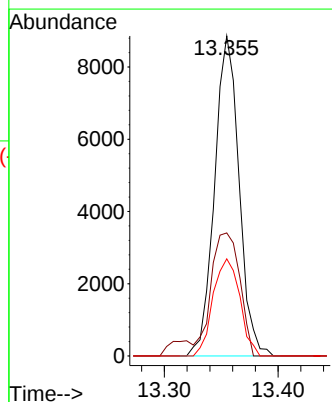
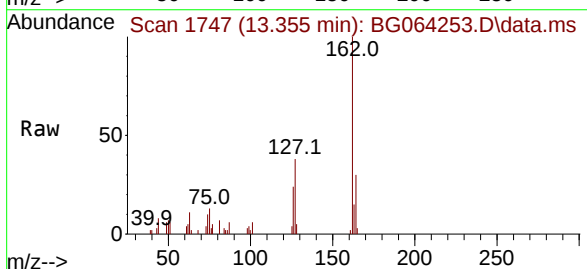
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

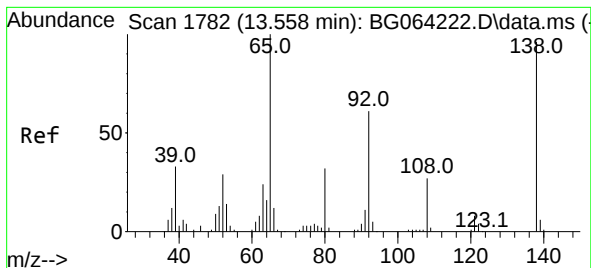
Tgt Ion:154 Resp: 19082
Ion Ratio Lower Upper
154 100
153 37.6 19.9 59.9
76 15.8 0.0 30.9



#47
2-Chloronaphthalene
Concen: 2.426 ng
RT: 13.355 min Scan# 1747
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:162 Resp: 13255
Ion Ratio Lower Upper
162 100
127 38.4 33.9 50.9
164 30.3 25.4 38.2





#48

2-Nitroaniline

Concen: 2.003 ng

RT: 13.549 min Scan# 1

Delta R.T. -0.016 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

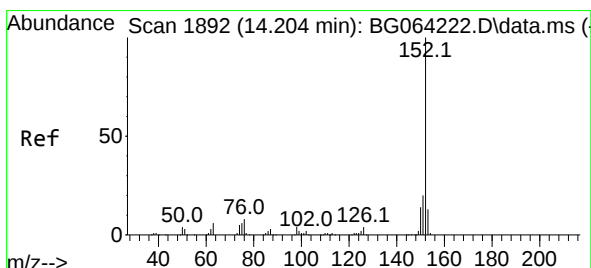
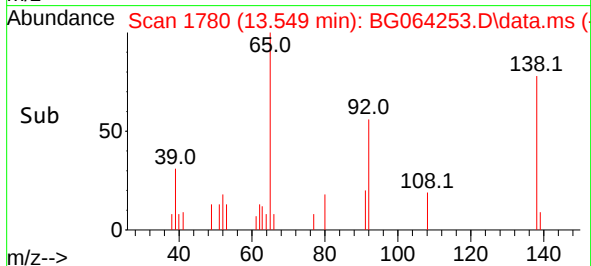
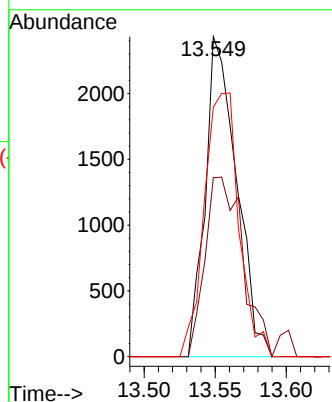
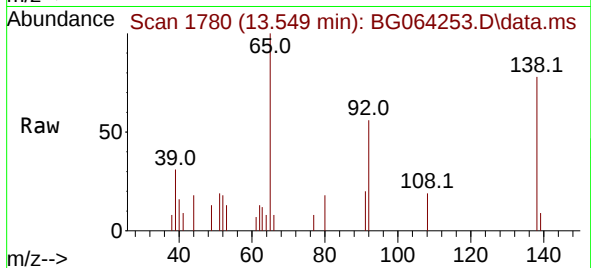
Tgt Ion: 65 Resp: 3730

Ion Ratio Lower Upper

65 100

92 56.0 49.2 73.8

138 78.0 76.8 115.2



#49

Acenaphthylene

Concen: 2.665 ng

RT: 14.207 min Scan# 1892

Delta R.T. 0.002 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

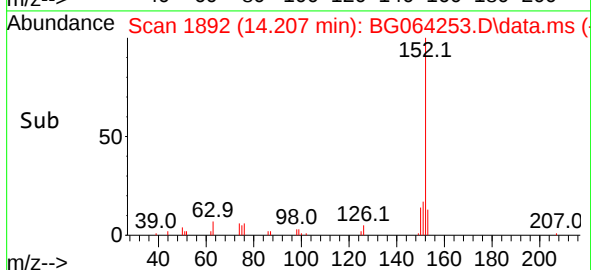
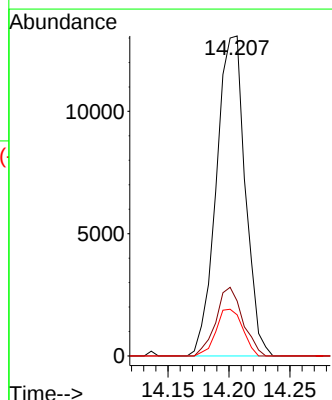
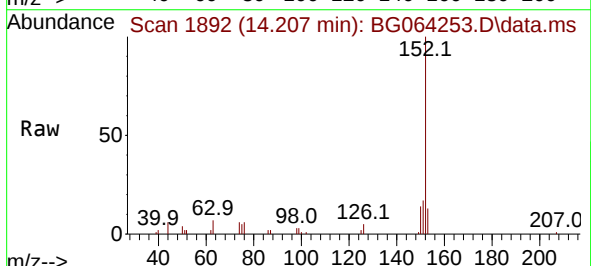
Tgt Ion:152 Resp: 21523

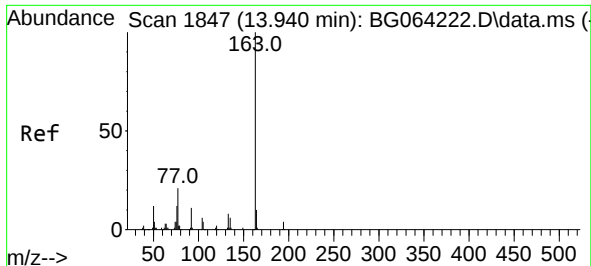
Ion Ratio Lower Upper

152 100

151 17.2 16.2 24.2

153 12.9 10.1 15.1

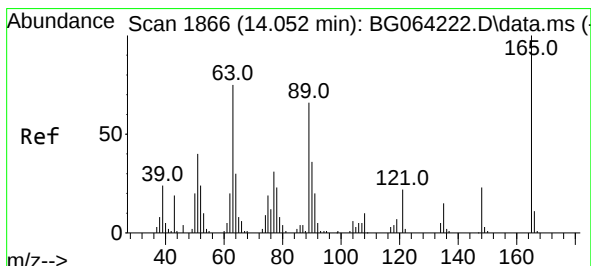
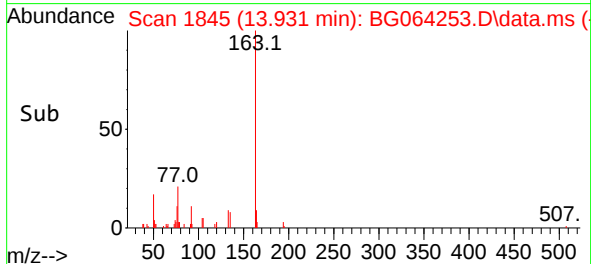
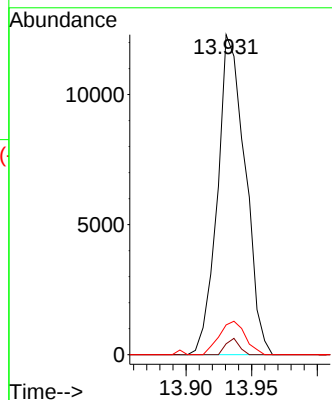
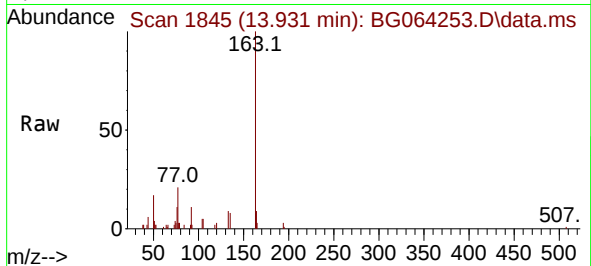




#50
Dimethylphthalate
Concen: 2.388 ng
RT: 13.931 min Scan# 1845
Delta R.T. -0.016 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

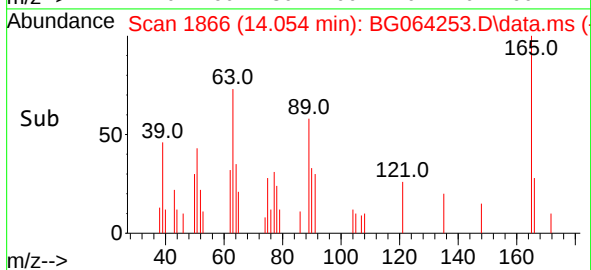
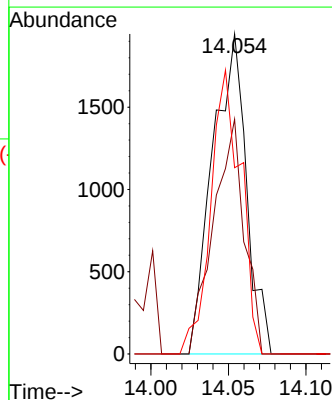
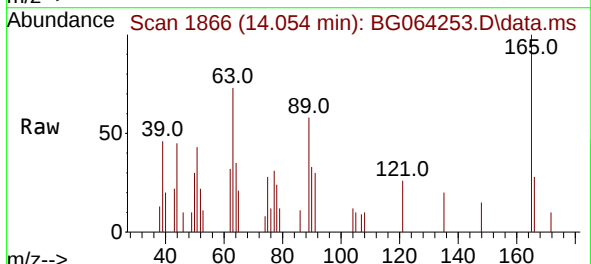
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

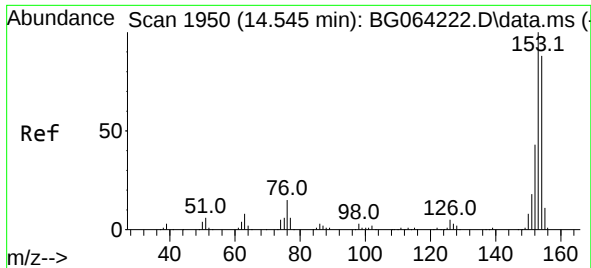
Tgt Ion:163 Resp: 18038
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.3 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 2.019 ng
RT: 14.054 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

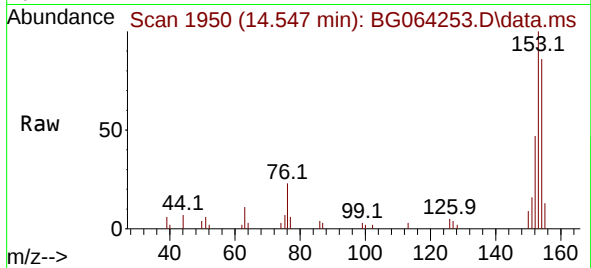
Tgt Ion:165 Resp: 2952
Ion Ratio Lower Upper
165 100
63 73.4 60.3 90.5
89 58.2 52.9 79.3



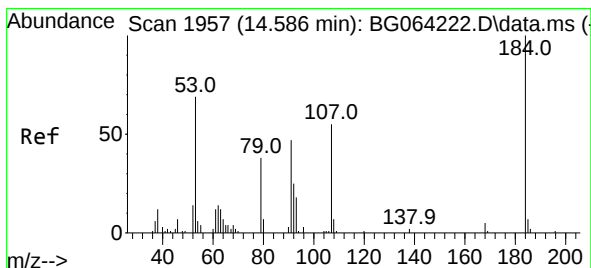
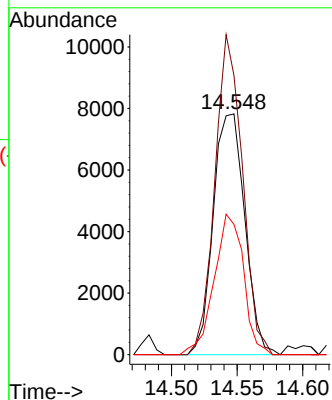
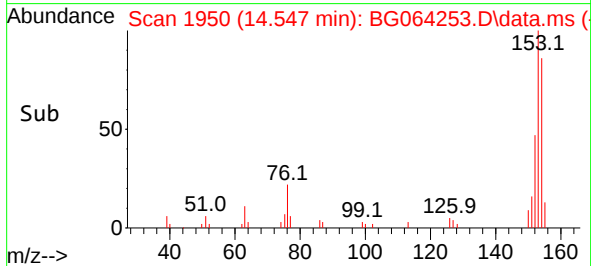


#52
Acenaphthene
Concen: 2.294 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

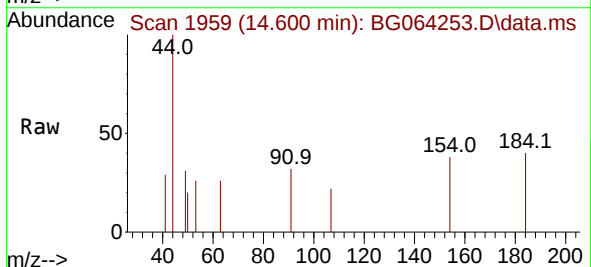
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT2-2025



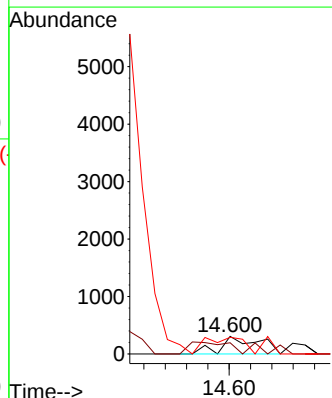
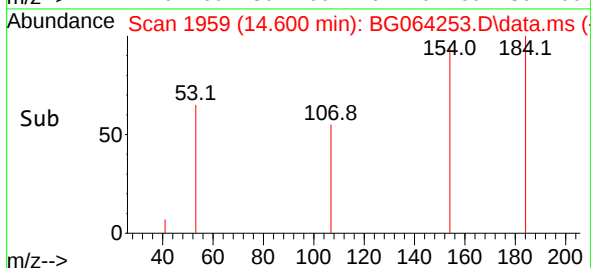
Tgt Ion:154 Resp: 13077
Ion Ratio Lower Upper
154 100
153 115.9 91.1 136.7
152 54.1 39.6 59.4

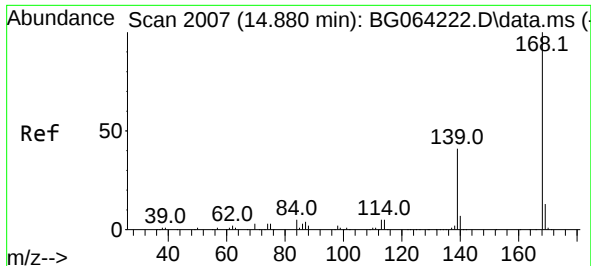


#54
2,4-Dinitrophenol
Concen: 6.028 ng
RT: 14.600 min Scan# 1959
Delta R.T. 0.008 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23



Tgt Ion:184 Resp: 387
Ion Ratio Lower Upper
184 100
63 63.7 60.1 90.1
154 95.1 59.8 89.8#

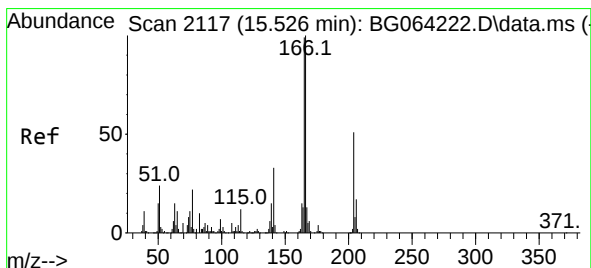
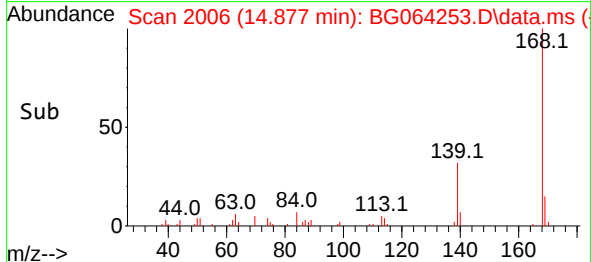
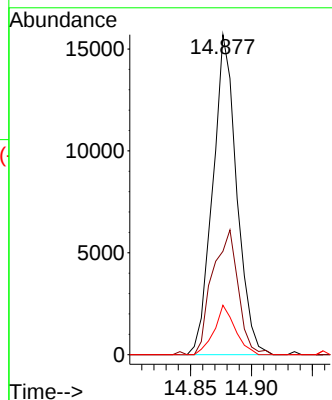
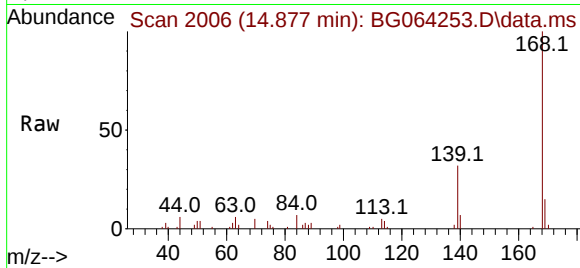




#55
Dibenzofuran
Concen: 2.395 ng
RT: 14.877 min Scan# 2006
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

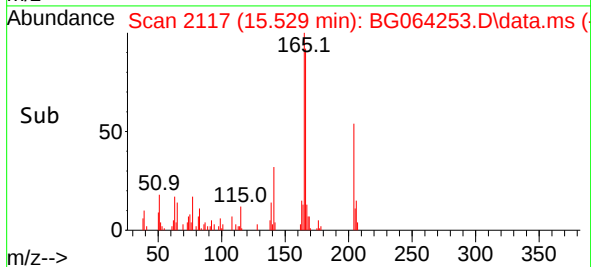
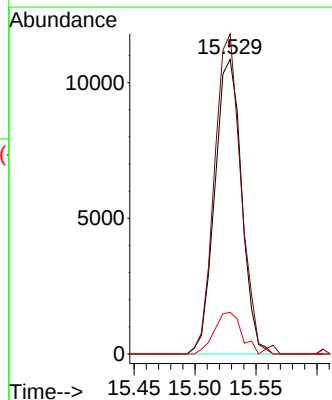
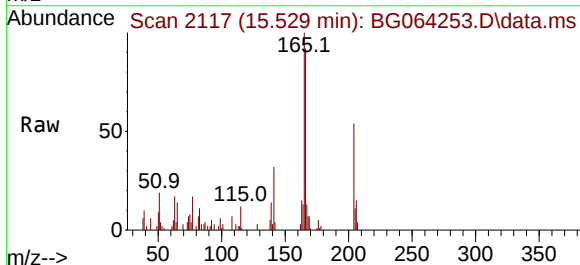
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

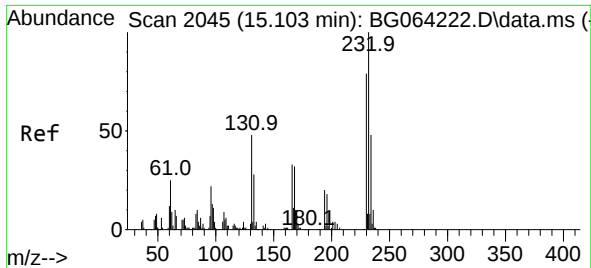
Tgt Ion:168 Resp: 21471
Ion Ratio Lower Upper
168 100
139 32.3 33.2 49.8#
169 15.5 10.4 15.6



#58
Fluorene
Concen: 2.262 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:166 Resp: 16623
Ion Ratio Lower Upper
166 100
165 108.6 79.1 118.7
167 14.1 10.2 15.4

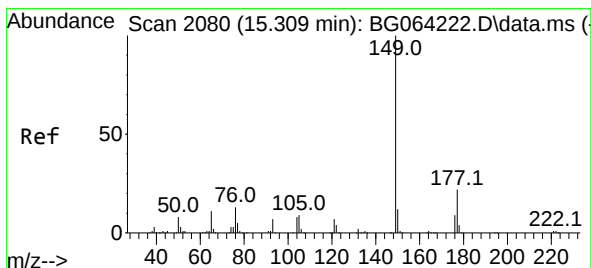
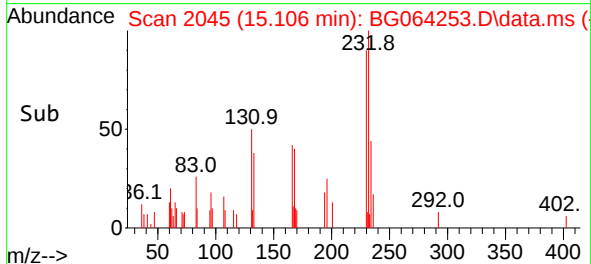
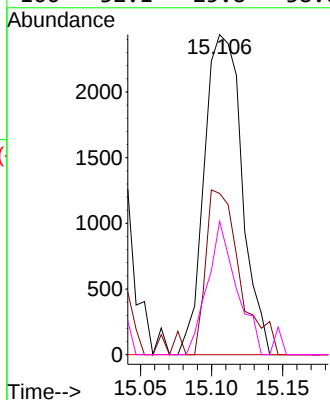
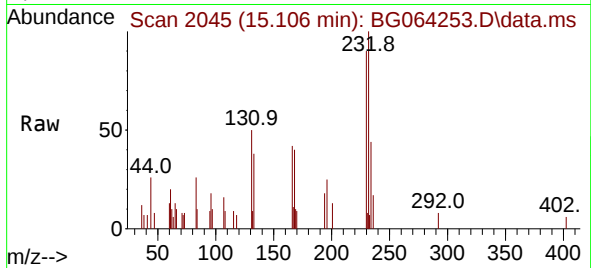




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.242 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

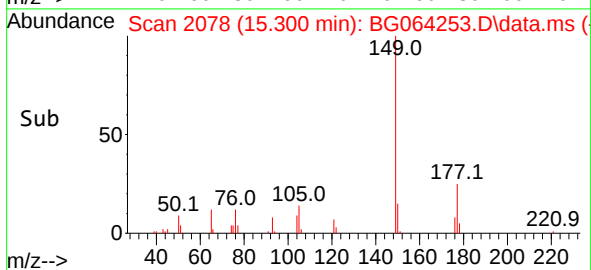
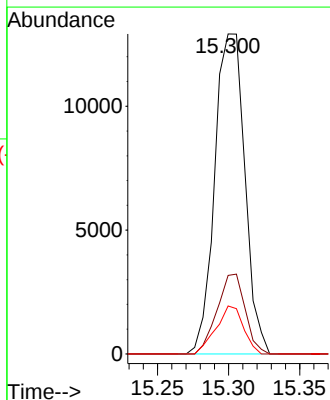
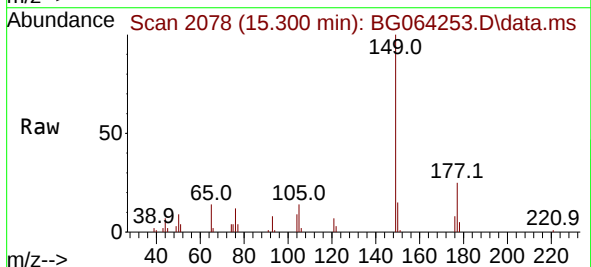
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

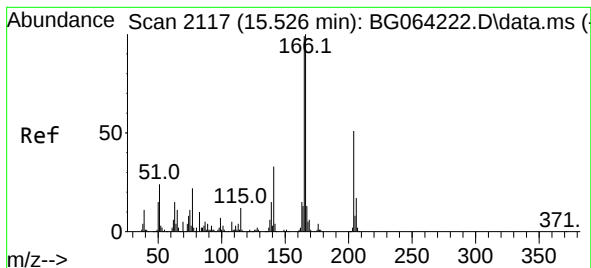
Tgt Ion:232	Resp:	4502
Ion Ratio	Lower	Upper
232	100	
131	46.5	37.1 55.7
130	0.0	2.6 3.8#
166	32.1	25.8 38.6



#60
Diethylphthalate
Concen: 2.352 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.016 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:149	Resp:	19010
Ion Ratio	Lower	Upper
149	100	
177	24.5	17.5 26.3
150	15.0	9.9 14.9#

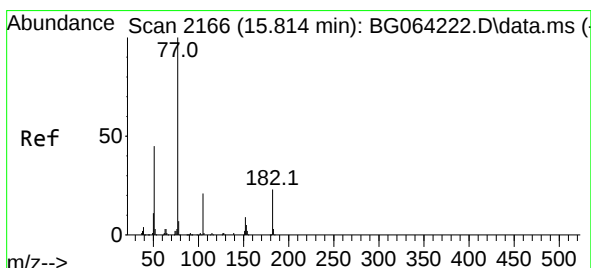
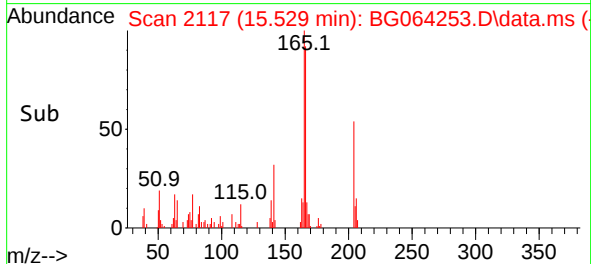
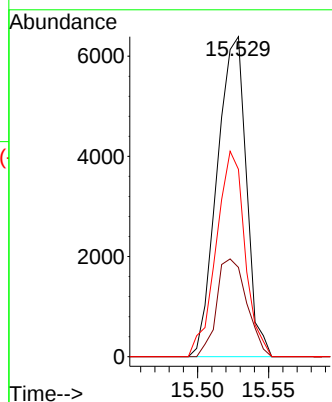
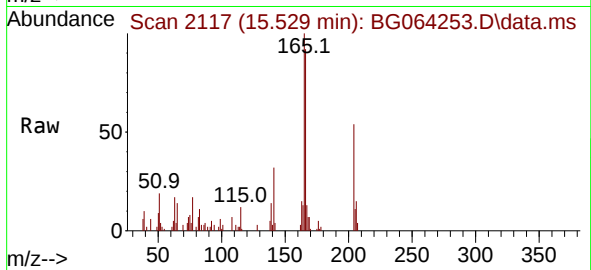




#61
4-Chlorophenyl-phenylether
Concen: 2.496 ng
RT: 15.529 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

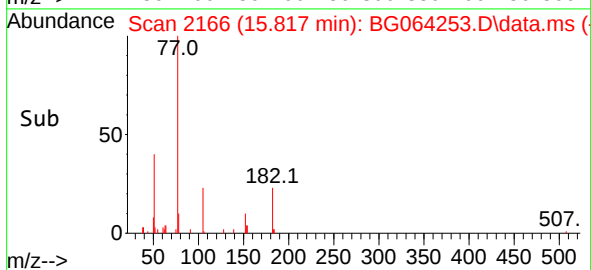
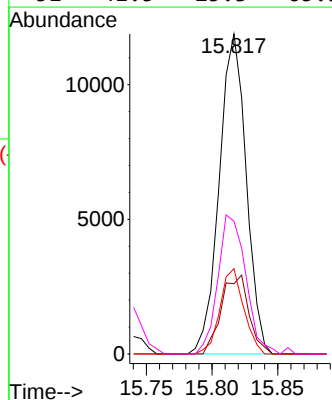
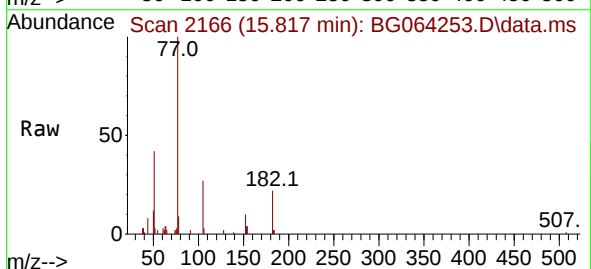
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

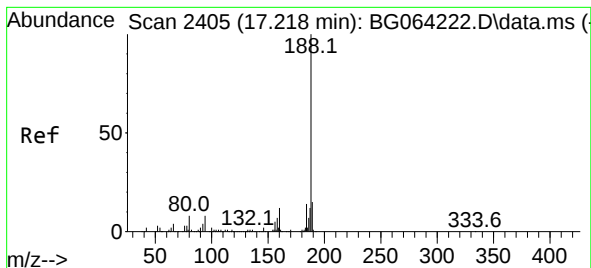
Tgt Ion:	204	Resp:	9147
Ion	Ratio	Lower	Upper
204	100		
206	27.9	26.2	39.4
141	58.6	51.9	77.9



#63
Azobenzene
Concen: 2.354 ng
RT: 15.817 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:	77	Resp:	16963
Ion	Ratio	Lower	Upper
77	100		
182	22.0	3.3	43.3
105	26.7	0.6	40.6
51	41.5	25.3	65.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

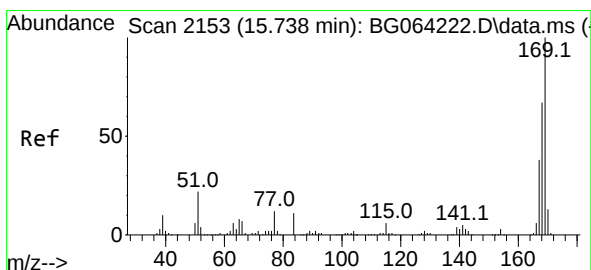
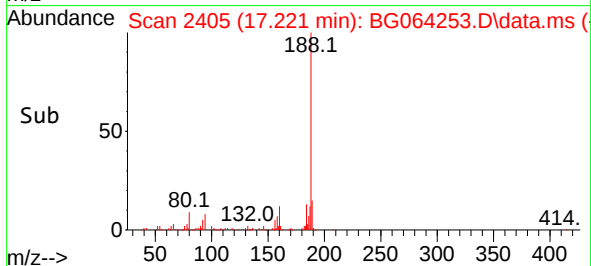
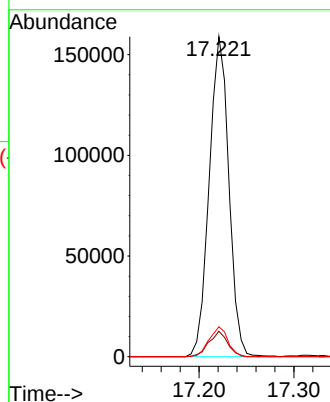
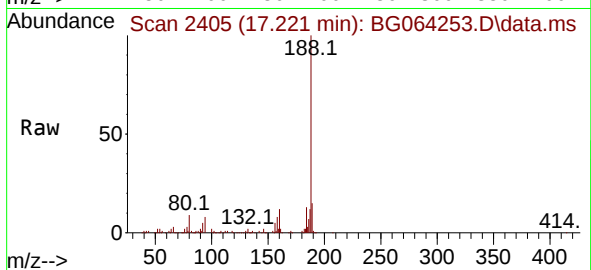
Tgt Ion:188 Resp: 228661

Ion Ratio Lower Upper

188 100

94 8.0 6.2 9.4

80 9.4 6.8 10.2



#66

n-Nitrosodiphenylamine

Concen: 2.379 ng

RT: 15.734 min Scan# 2152

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

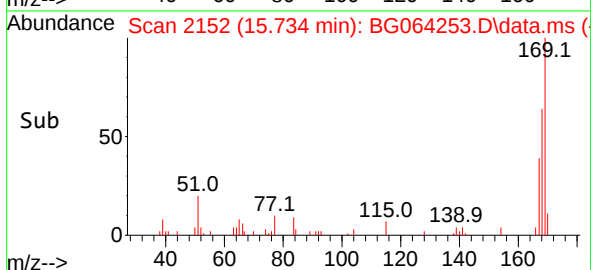
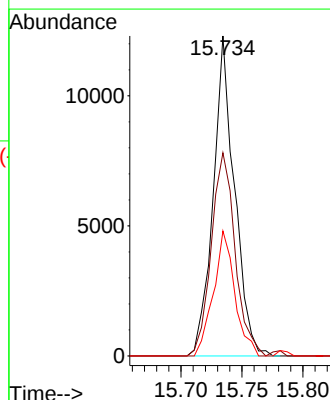
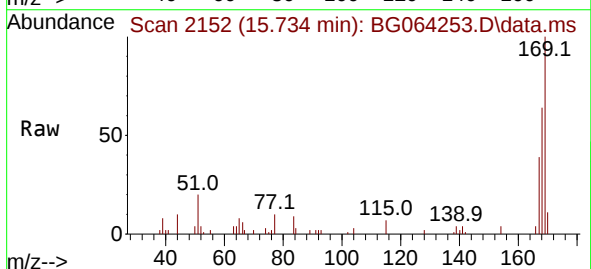
Tgt Ion:169 Resp: 14965

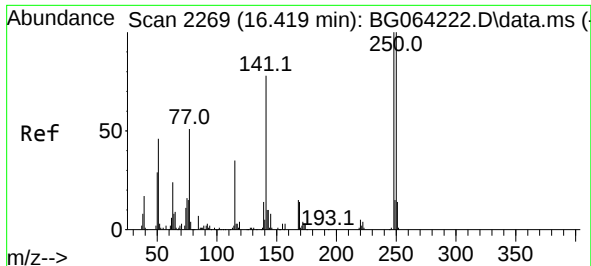
Ion Ratio Lower Upper

169 100

168 63.5 53.8 80.8

167 39.1 30.2 45.2

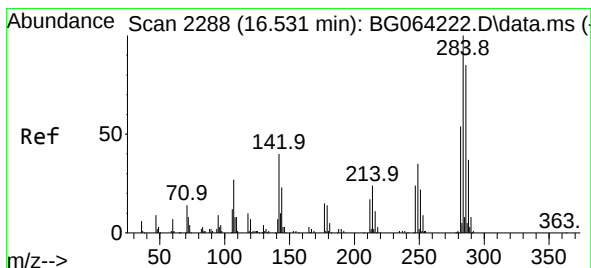
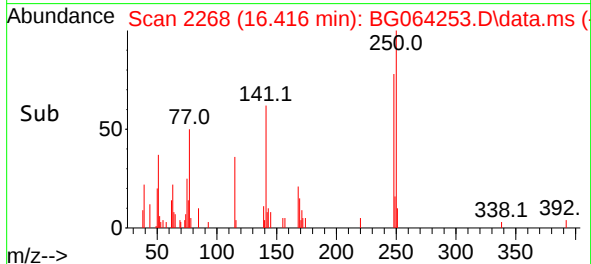
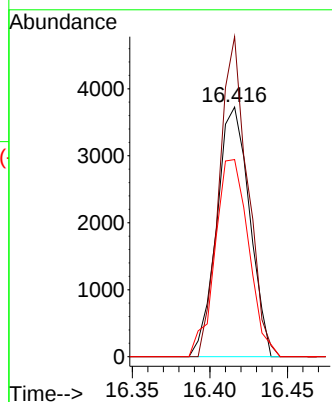
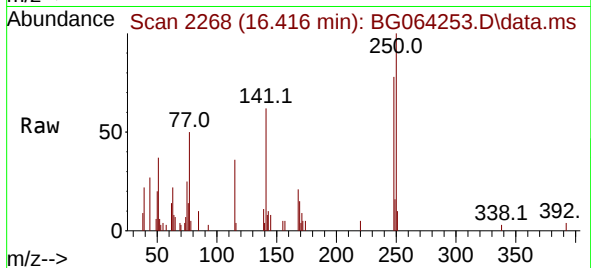




#67
4-Bromophenyl-phenylether
Concen: 2.251 ng
RT: 16.416 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

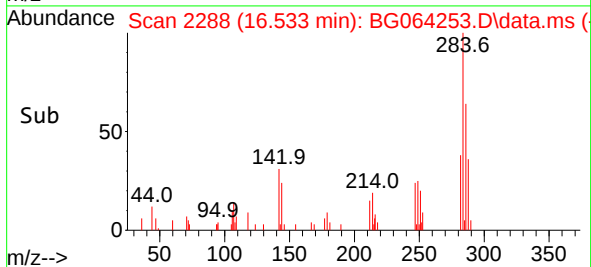
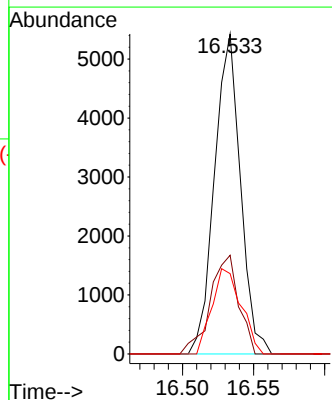
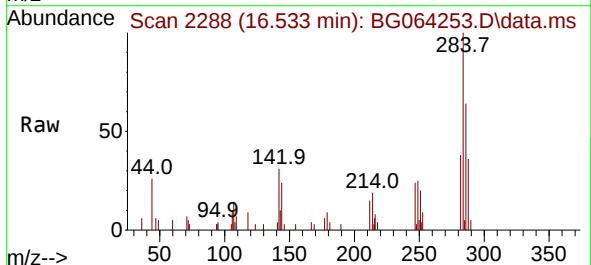
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

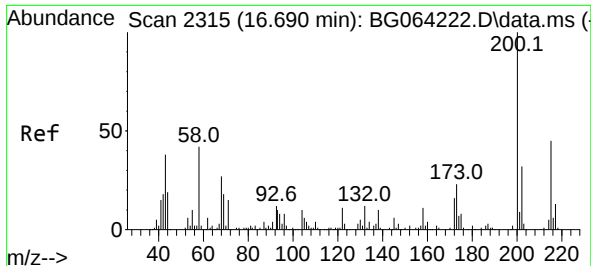
Tgt Ion:248 Resp: 5466
Ion Ratio Lower Upper
248 100
250 128.2 80.2 120.4#
141 79.0 62.4 93.6



#68
Hexachlorobenzene
Concen: 2.550 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:284 Resp: 6876
Ion Ratio Lower Upper
284 100
142 30.8 32.1 48.1#
249 25.1 28.3 42.5#

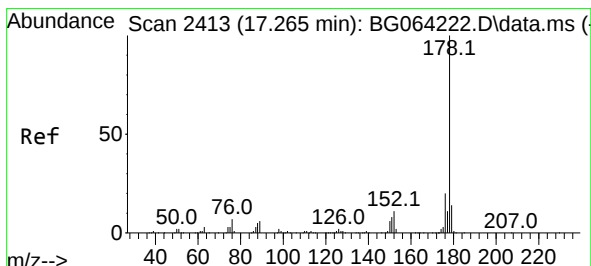
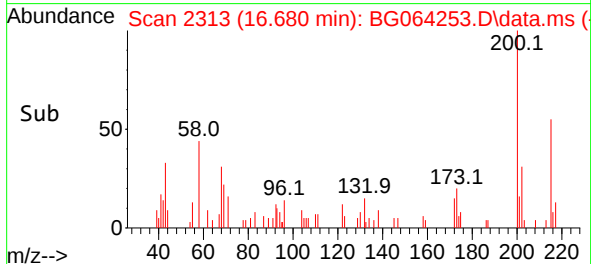
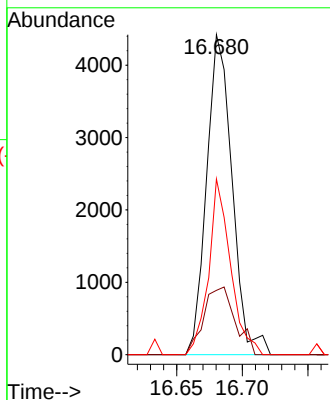
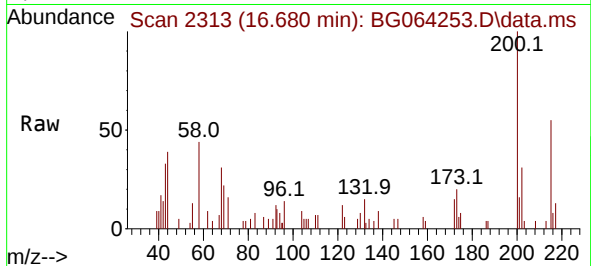




#69
Atrazine
Concen: 2.270 ng
RT: 16.680 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

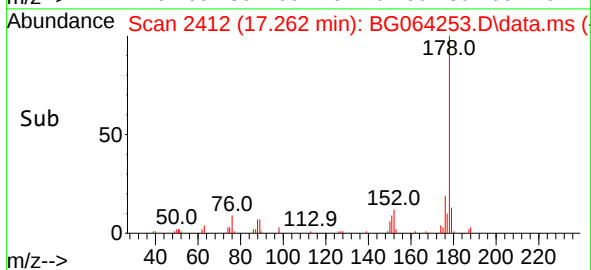
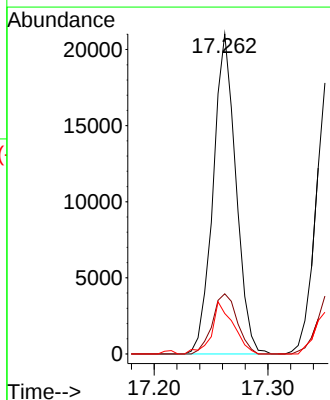
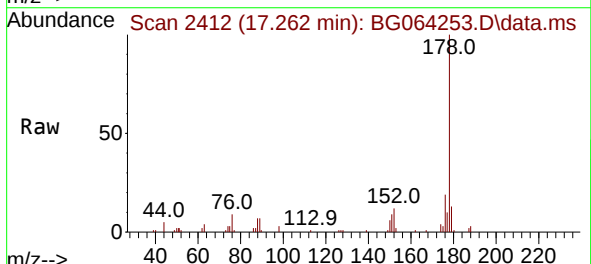
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

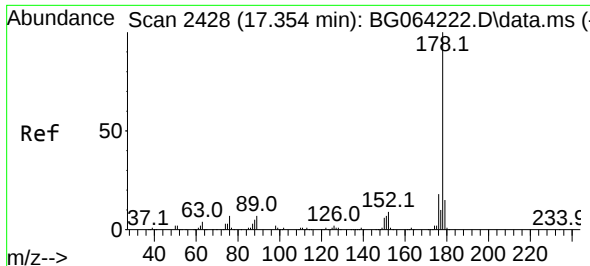
Tgt Ion:200 Resp: 5963
Ion Ratio Lower Upper
200 100
173 20.1 3.5 43.5
215 54.9 24.8 64.8



#71
Phenanthrene
Concen: 2.426 ng
RT: 17.262 min Scan# 2412
Delta R.T. -0.004 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Tgt Ion:178 Resp: 29253
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 12.6 11.4 17.2

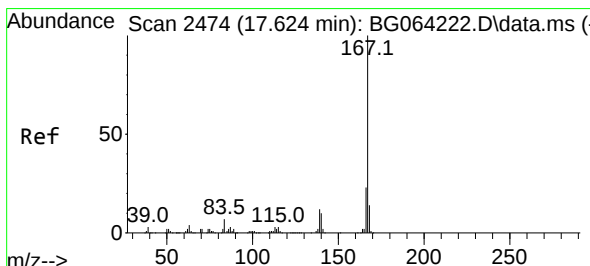
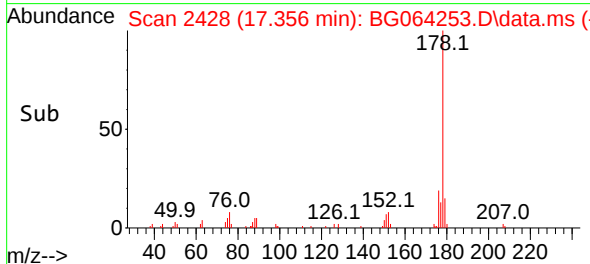
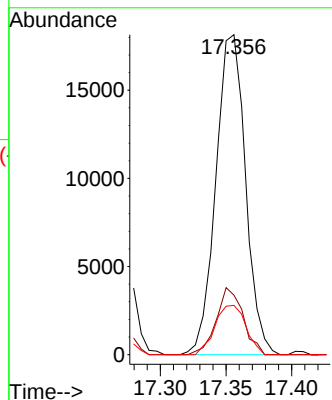
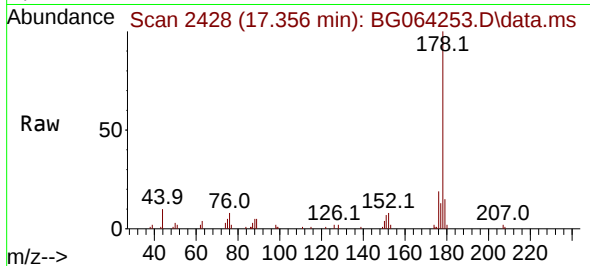




#72
 Anthracene
 Concen: 2.328 ng
 RT: 17.356 min Scan# 2428
 Delta R.T. -0.004 min
 Lab File: BG064253.D
 Acq: 3 Sep 2025 14:23

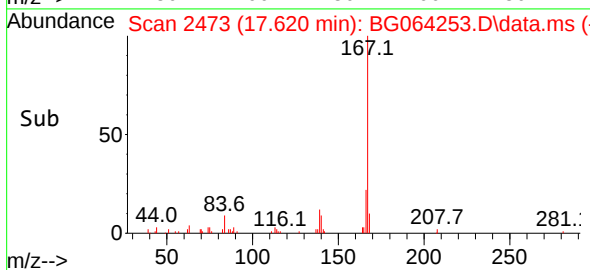
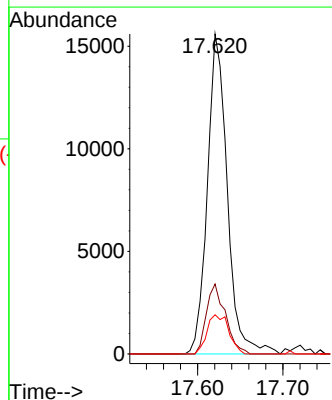
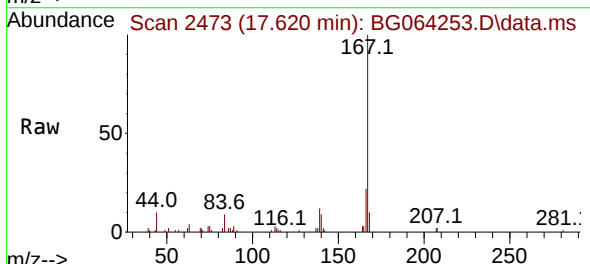
Instrument : BNA_G
 ClientSampleId : LOQ-SOIL-02-QT2-2025

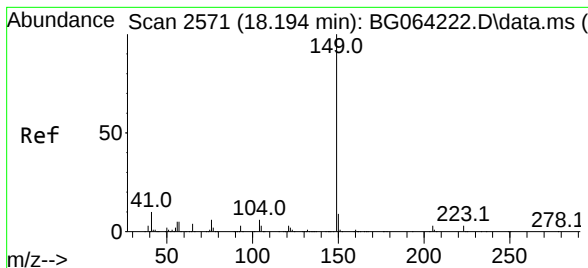
Tgt Ion:178 Resp: 28556
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 15.4 12.1 18.1



#73
 Carbazole
 Concen: 2.342 ng
 RT: 17.620 min Scan# 2473
 Delta R.T. -0.004 min
 Lab File: BG064253.D
 Acq: 3 Sep 2025 14:23

Tgt Ion:167 Resp: 25315
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.2
 139 12.3 9.8 14.6





#74

Di-n-butylphthalate

Concen: 2.413 ng

RT: 18.190 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064253.D

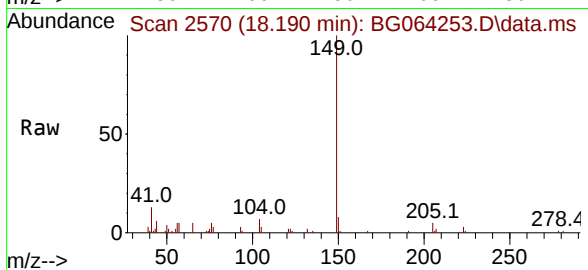
Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



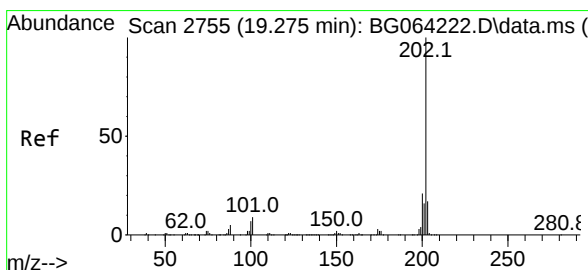
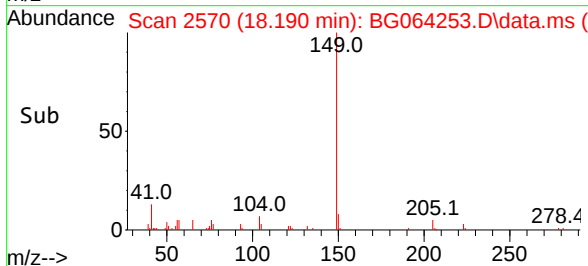
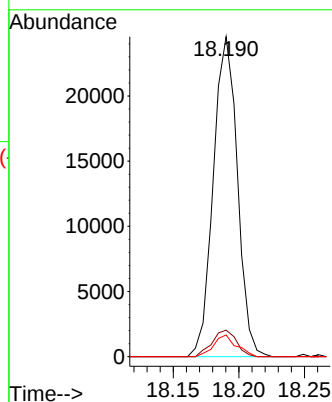
Tgt Ion:149 Resp: 31325

Ion Ratio Lower Upper

149 100

150 8.3 7.5 11.3

104 6.8 4.6 7.0



#75

Fluoranthene

Concen: 2.382 ng

RT: 19.271 min Scan# 2754

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

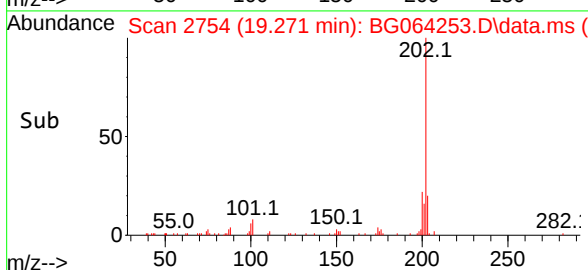
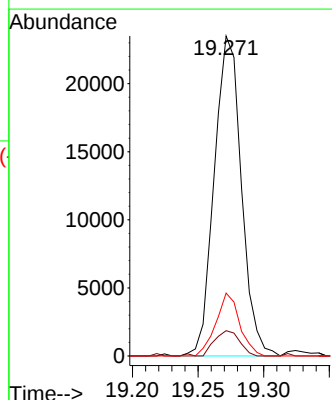
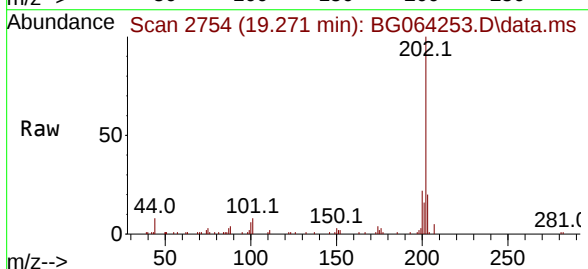
Tgt Ion:202 Resp: 33776

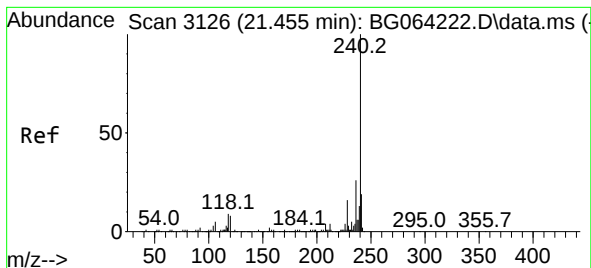
Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.7

203 19.7 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.451 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

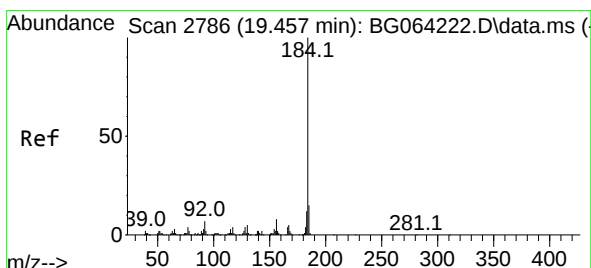
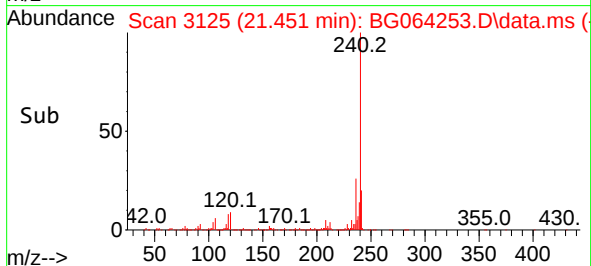
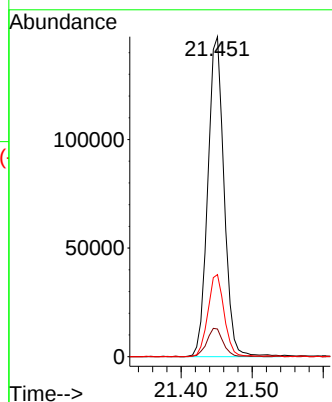
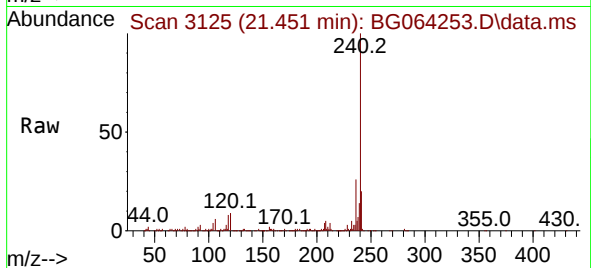
Tgt Ion:240 Resp: 234098

Ion Ratio Lower Upper

240 100

120 8.6 6.2 9.4

236 25.6 20.5 30.7



#77

Benzidine

Concen: 3.268 ng

RT: 19.841 min Scan# 2851

Delta R.T. 0.384 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

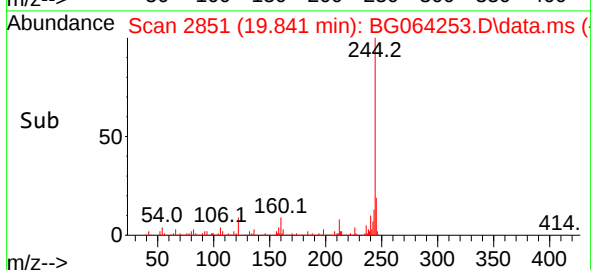
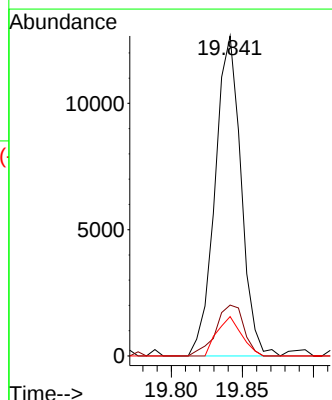
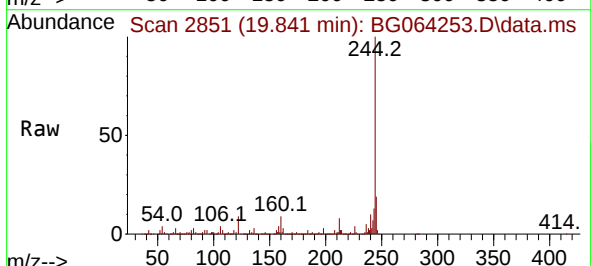
Tgt Ion:184 Resp: 16095

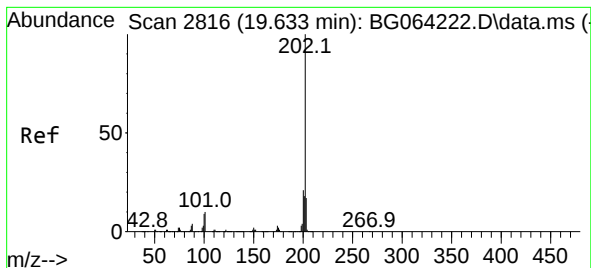
Ion Ratio Lower Upper

184 100

185 15.9 11.7 17.5

183 12.3 9.7 14.5





#78

Pyrene

Concen: 2.317 ng

RT: 19.636 min Scan# 2816

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

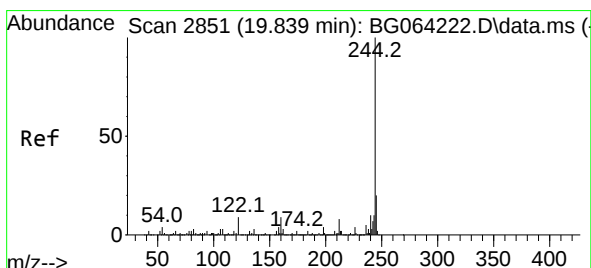
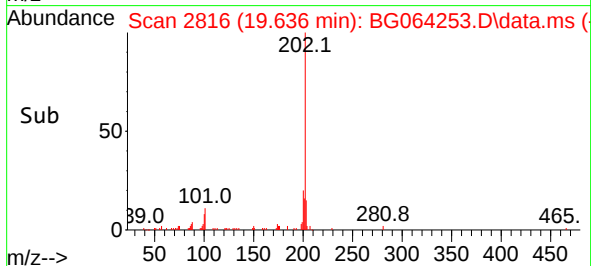
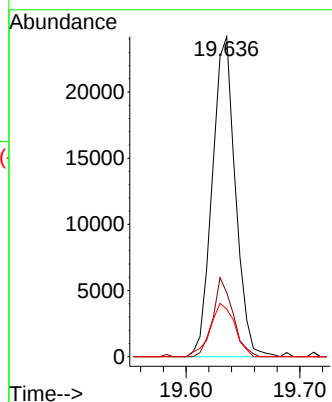
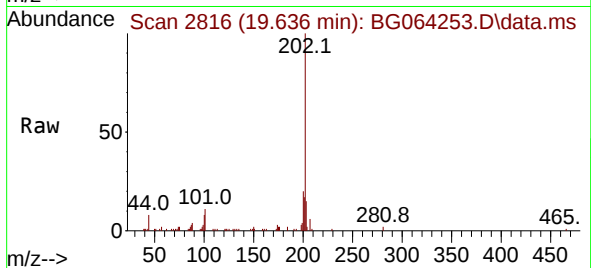
Tgt Ion:202 Resp: 34171

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

203 14.8 13.8 20.8



#79

Terphenyl-d14

Concen: 79.811 ng

RT: 19.841 min Scan# 2851

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

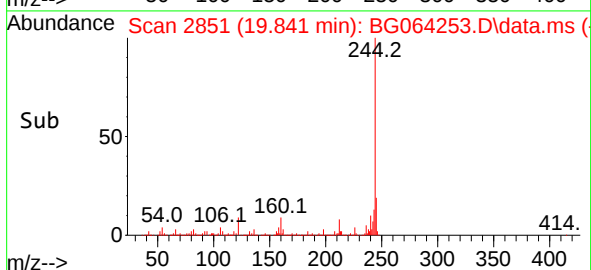
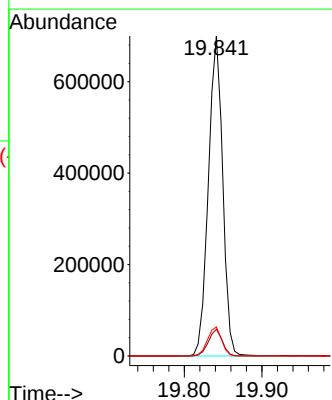
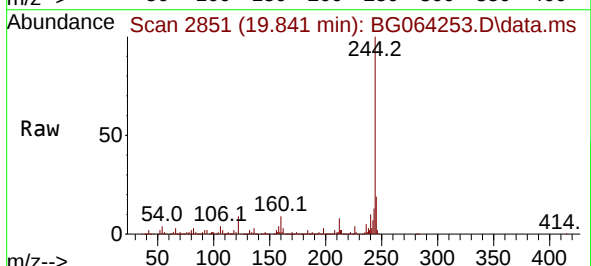
Tgt Ion:244 Resp: 895515

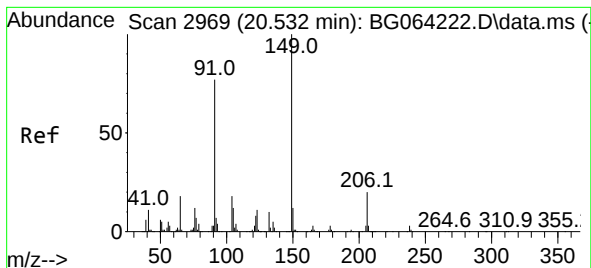
Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 9.1 7.0 10.6





#80

Butylbenzylphthalate

Concen: 2.597 ng

RT: 20.529 min Scan# 2968

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

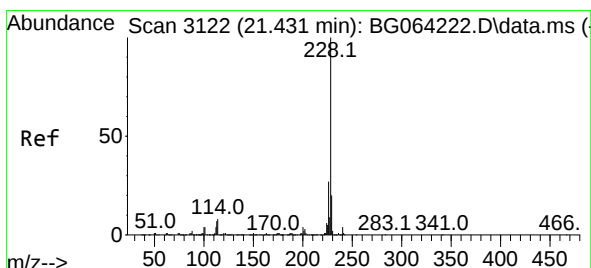
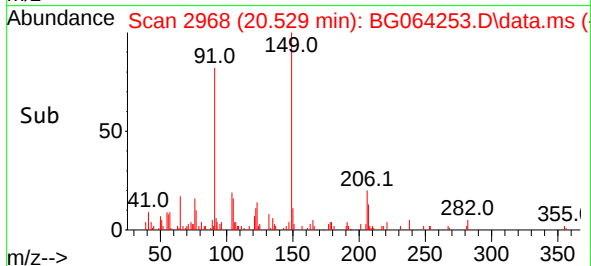
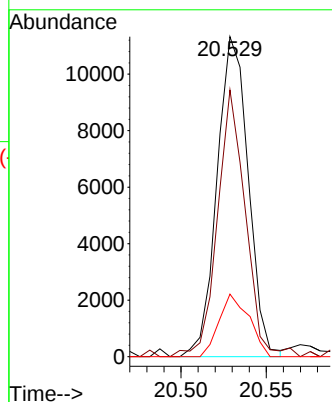
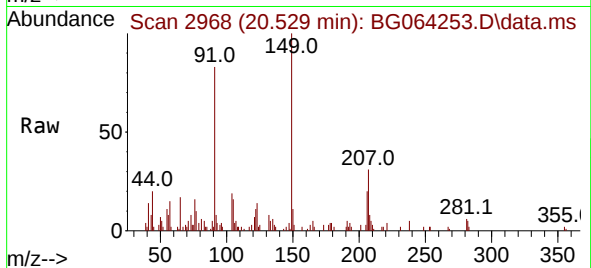
Tgt Ion:149 Resp: 14447

Ion Ratio Lower Upper

149 100

91 83.3 61.4 92.0

206 19.6 15.8 23.6



#81

Benzo(a)anthracene

Concen: 2.486 ng

RT: 21.434 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

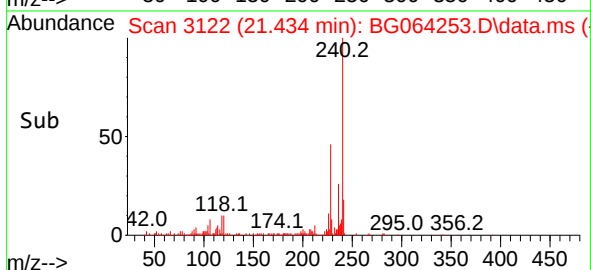
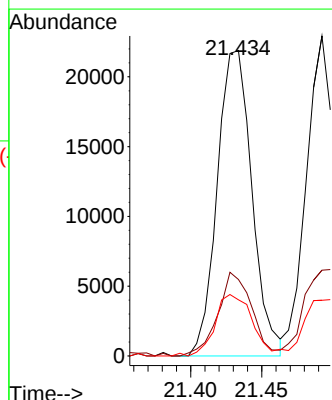
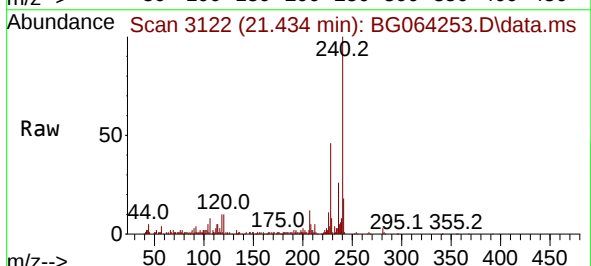
Tgt Ion:228 Resp: 37228

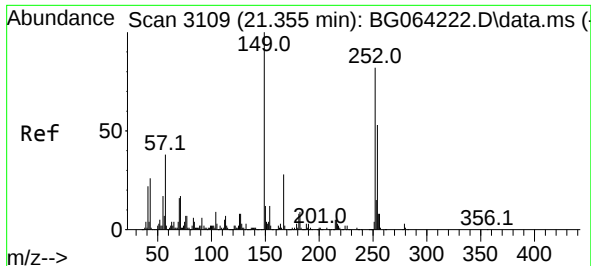
Ion Ratio Lower Upper

228 100

226 25.0 21.7 32.5

229 18.4 15.9 23.9

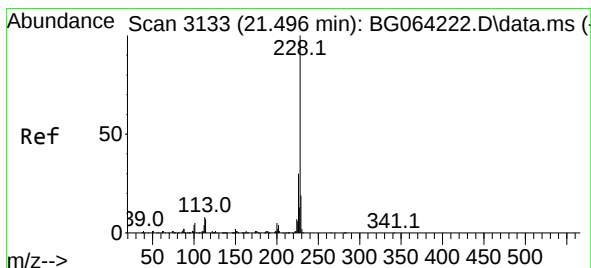
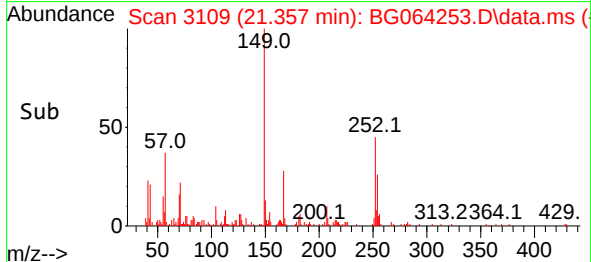
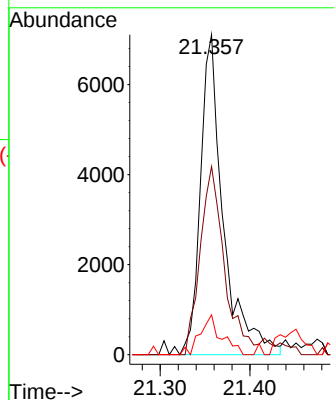
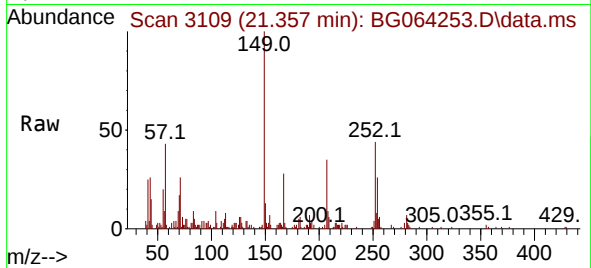




#82
 3,3'-Dichlorobenzidine
 Concen: 2.576 ng
 RT: 21.357 min Scan# 3109
 Delta R.T. -0.004 min
 Lab File: BG064253.D
 Acq: 3 Sep 2025 14:23

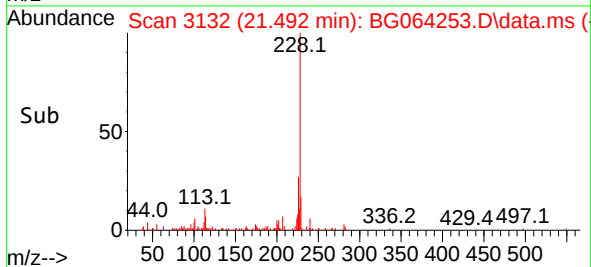
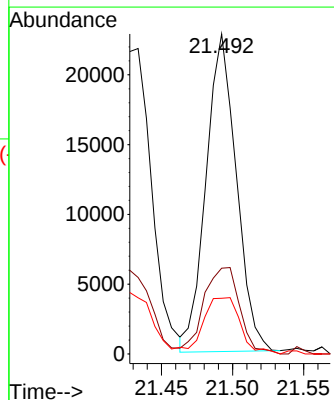
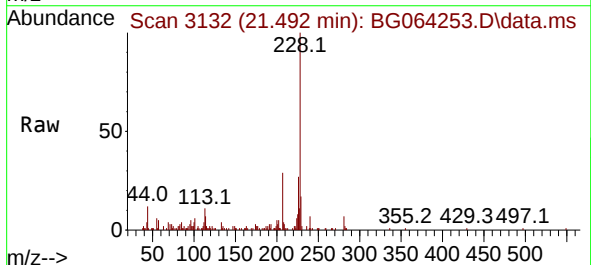
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

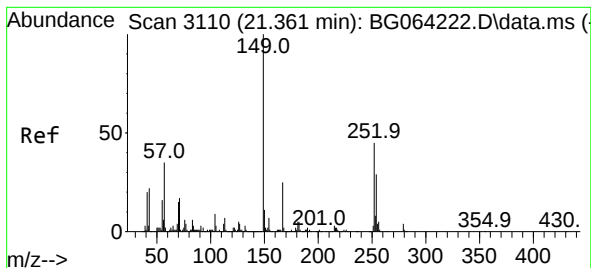
Tgt Ion:252 Resp: 12565
 Ion Ratio Lower Upper
 252 100
 254 58.8 51.9 77.9
 126 12.5 7.6 11.4#



#83
 Chrysene
 Concen: 2.345 ng
 RT: 21.492 min Scan# 3132
 Delta R.T. -0.010 min
 Lab File: BG064253.D
 Acq: 3 Sep 2025 14:23

Tgt Ion:228 Resp: 33717
 Ion Ratio Lower Upper
 228 100
 226 26.8 24.2 36.2
 229 17.4 15.4 23.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.645 ng

RT: 21.357 min Scan# 3109

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

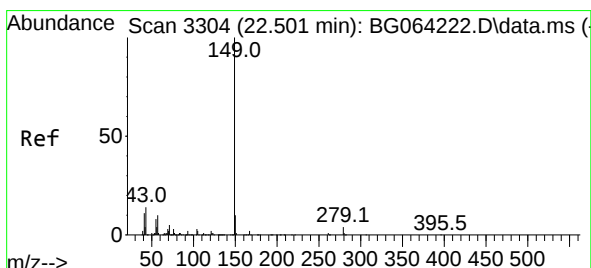
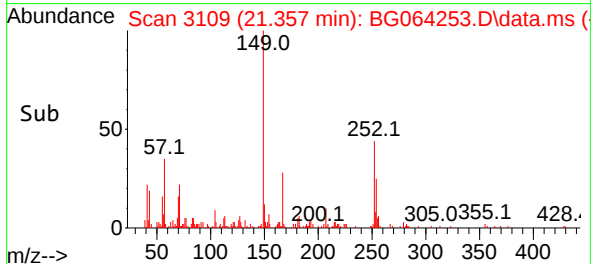
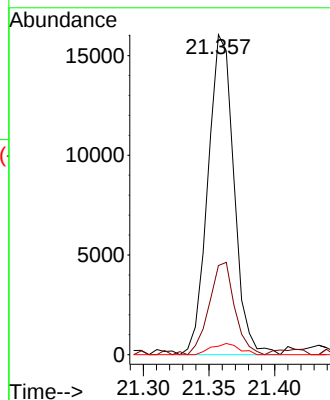
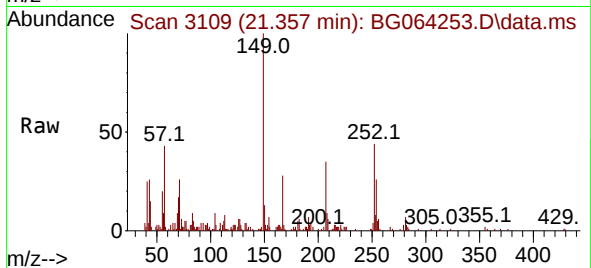
Tgt Ion:149 Resp: 22090

Ion Ratio Lower Upper

149 100

167 27.9 20.0 30.0

279 2.6 3.0 4.4#



#85

Di-n-octyl phthalate

Concen: 2.544 ng

RT: 22.497 min Scan# 3303

Delta R.T. -0.010 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

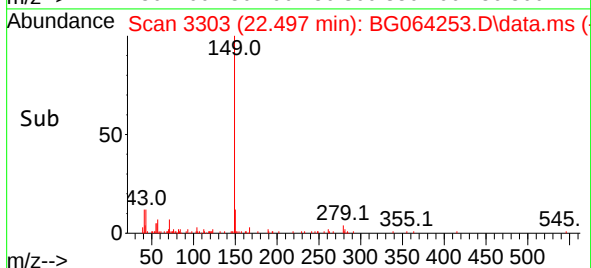
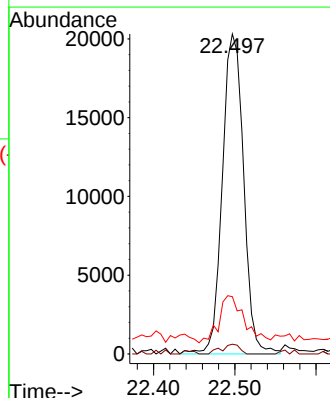
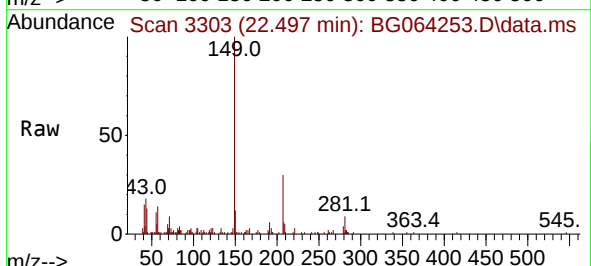
Tgt Ion:149 Resp: 37020

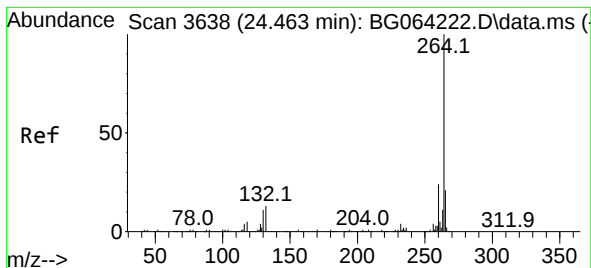
Ion Ratio Lower Upper

149 100

167 2.6 1.3 1.9#

43 17.5 10.8 16.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.459 min Scan# 3

Delta R.T. -0.004 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

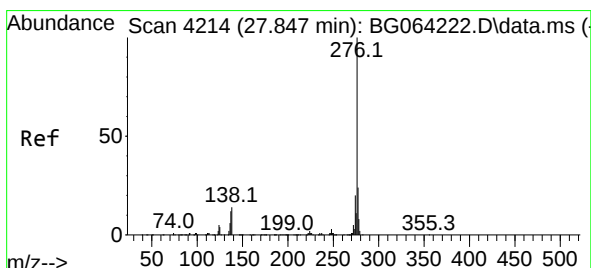
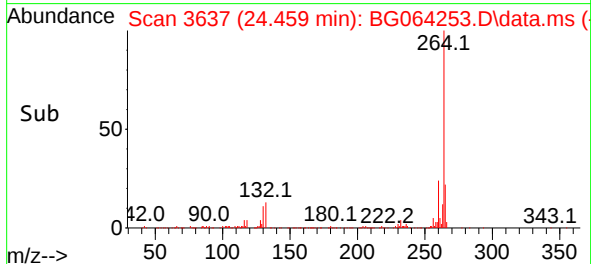
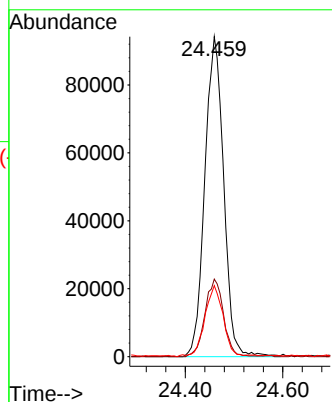
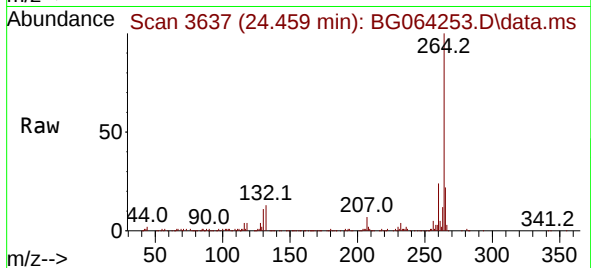
Tgt Ion:264 Resp: 252261

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.2 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.270 ng

RT: 27.838 min Scan# 4212

Delta R.T. -0.033 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

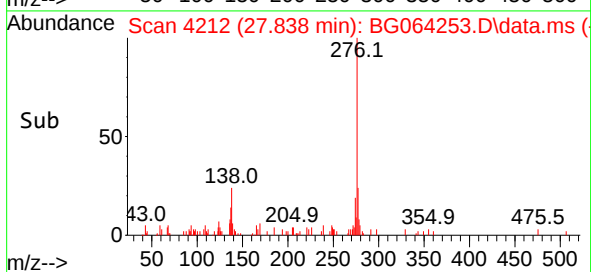
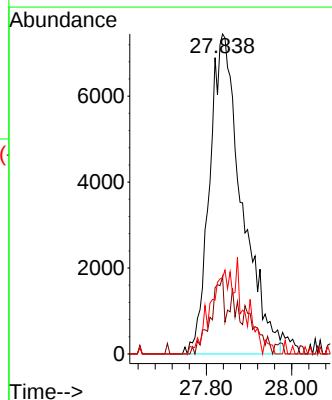
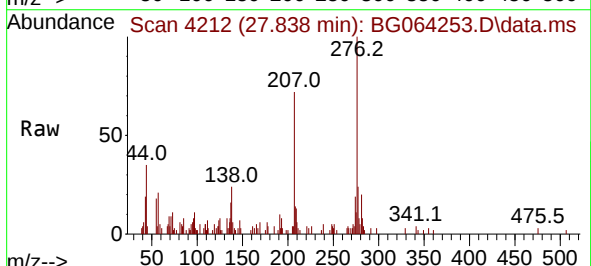
Tgt Ion:276 Resp: 39110

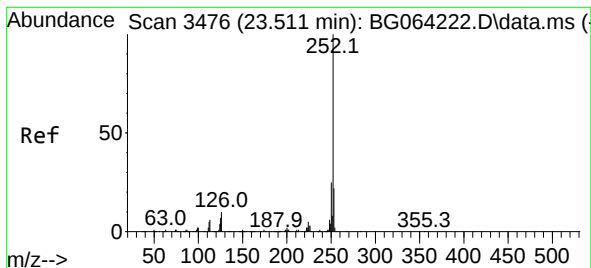
Ion Ratio Lower Upper

276 100

138 12.0 7.4 11.0#

277 17.2 20.5 30.7#





#88

Benzo(b)fluoranthene

Concen: 2.523 ng

RT: 23.502 min Scan# 3476

Delta R.T. -0.016 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

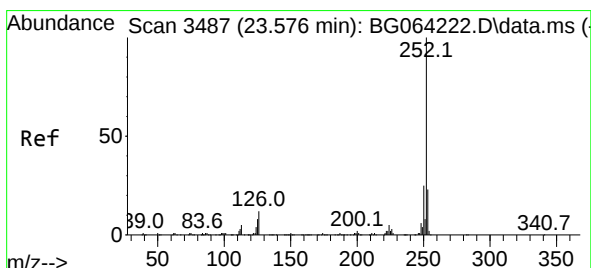
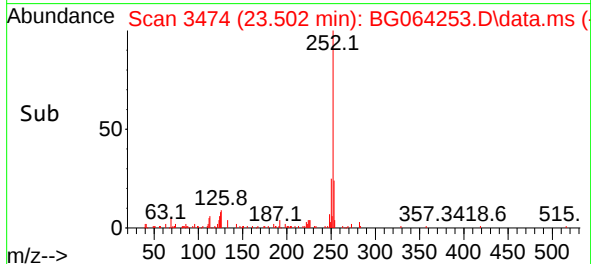
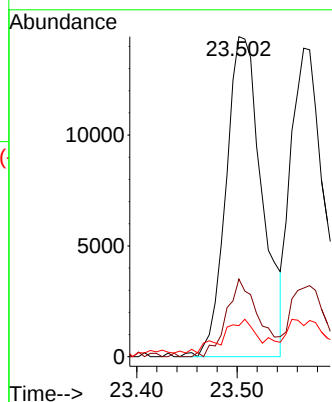
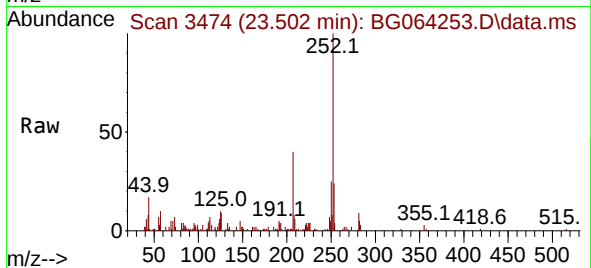
Tgt Ion:252 Resp: 35922

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 9.7 5.9 8.9#



#89

Benzo(k)fluoranthene

Concen: 2.128 ng

RT: 23.566 min Scan# 3485

Delta R.T. -0.021 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

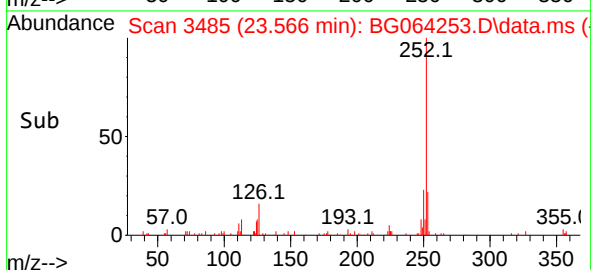
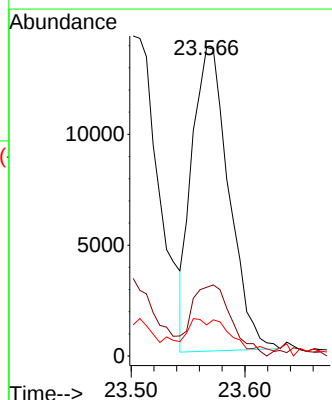
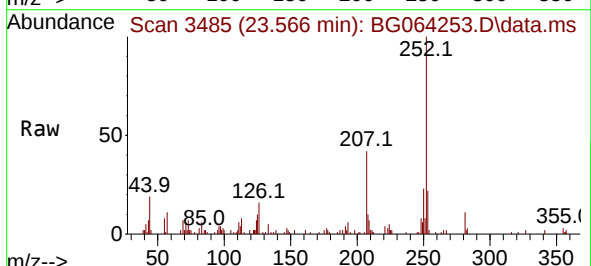
Tgt Ion:252 Resp: 30864

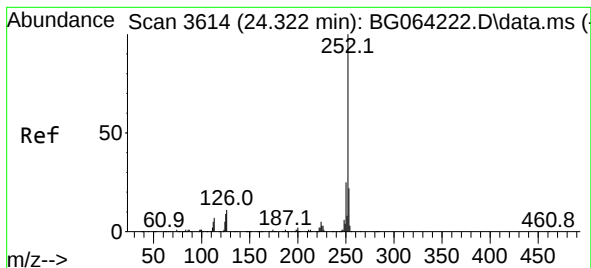
Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

125 10.1 7.0 10.4





#90

Benzo(a)pyrene

Concen: 2.534 ng

RT: 24.313 min Scan# 3

Delta R.T. -0.016 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

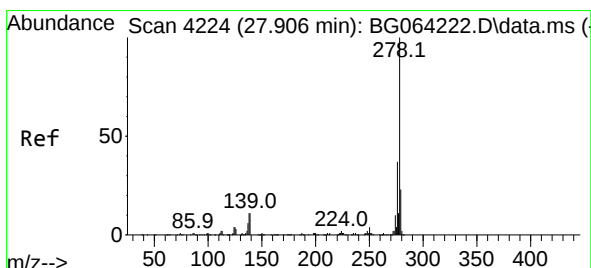
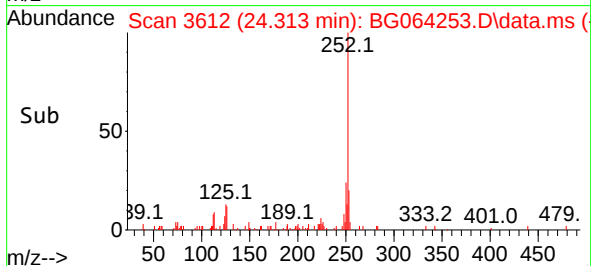
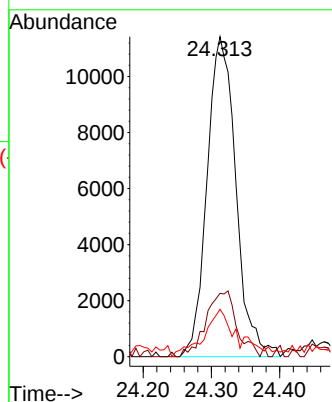
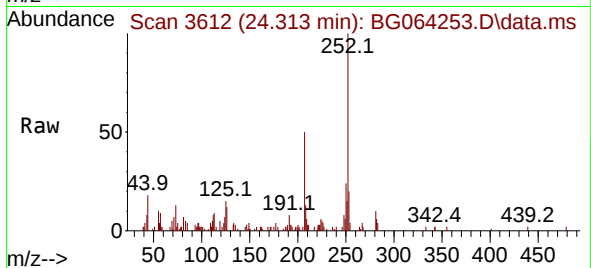
Tgt Ion:252 Resp: 33564

Ion Ratio Lower Upper

252 100

253 19.8 17.4 26.2

125 14.8 7.0 10.6#



#91

Dibenzo(a,h)anthracene

Concen: 2.314 ng

RT: 27.891 min Scan# 4221

Delta R.T. -0.033 min

Lab File: BG064253.D

Acq: 3 Sep 2025 14:23

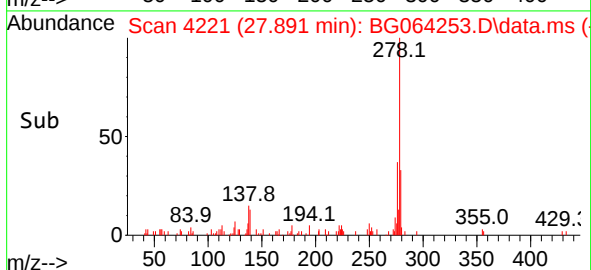
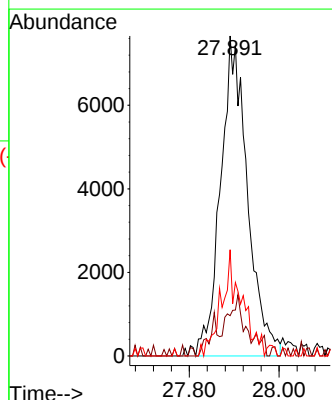
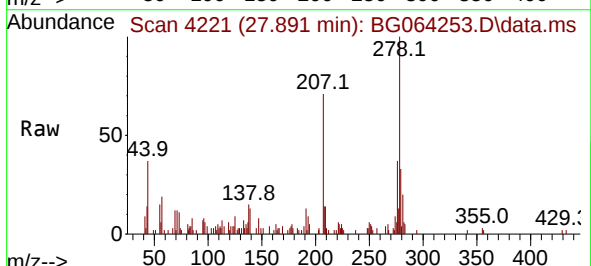
Tgt Ion:278 Resp: 32013

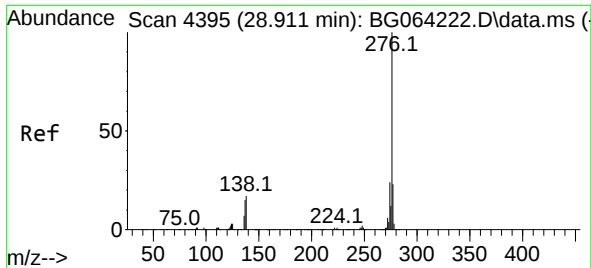
Ion Ratio Lower Upper

278 100

139 12.6 9.0 13.4

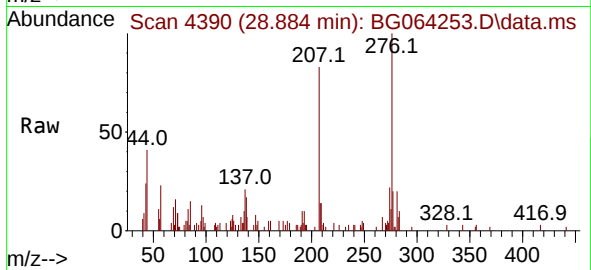
279 33.2 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 2.514 ng
RT: 28.884 min Scan# 41
Delta R.T. -0.051 min
Lab File: BG064253.D
Acq: 3 Sep 2025 14:23

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:	276	Resp:	33843
Ion Ratio	Lower	Upper	
276	100		
277	20.1	18.2	27.4
138	24.0	13.3	19.9#

