

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064260.D
 Acq On : 3 Sep 2025 19:11
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 04 01:13:44 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	7.854	152	20093	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	92592	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	65744	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	131776	20.000	ng	0.00
76) Chrysene-d12	21.444	240	129612	20.000	ng	-0.01
86) Perylene-d12	24.458	264	136108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	273132	243.878	ng	0.00
7) Phenol-d6	7.026	99	394228	256.221	ng	0.00
23) Nitrobenzene-d5	9.006	82	292654	176.272	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	196239	225.353	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	723805	168.043	ng	0.00
79) Terphenyl-d14	19.840	244	1054571	169.753	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.371	88	4723	10.118	ng	# 80
3) Pyridine	3.753	79	11780	8.573	ng	# 47
4) n-Nitrosodimethylamine	3.671	42	7614	8.377	ng	# 60
6) Aniline	7.184	93	20328	9.554	ng	94
8) 2-Chlorophenol	7.425	128	12980	9.484	ng	89
9) Benzaldehyde	6.996	77	12127	9.577	ng	87
10) Phenol	7.055	94	16303	9.611	ng	91
11) bis(2-Chloroethyl)ether	7.278	93	11039	8.660	ng	90
12) 1,3-Dichlorobenzene	7.748	146	13893	9.542	ng	94
13) 1,4-Dichlorobenzene	7.748	146	13893	9.455	ng	91
14) 1,2-Dichlorobenzene	8.206	146	13220	9.322	ng	90
15) Benzyl Alcohol	8.089	79	12142	8.551	ng	# 89
16) 2,2'-oxybis(1-Chloropr...	8.389	45	24980	8.583	ng	96
17) 2-Methylphenol	8.295	107	10647	8.422	ng	# 90
18) Hexachloroethane	8.929	117	5364	9.352	ng	88
19) n-Nitroso-di-n-propyla...	8.653	70	11603	9.853	ng	97
20) 3+4-Methylphenols	8.618	107	14529	8.271	ng	93
22) Acetophenone	8.671	105	21573	9.209	ng	# 99
24) Nitrobenzene	9.053	77	16557	9.545	ng	98
25) Isophorone	9.570	82	30906	8.957	ng	# 97
26) 2-Nitrophenol	9.752	139	6718	8.963	ng	90
27) 2,4-Dimethylphenol	9.816	122	12824	9.745	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	17670	9.497	ng	# 96
29) 2,4-Dichlorophenol	10.292	162	11935	8.596	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	14406	9.840	ng	# 91
31) Naphthalene	10.692	128	42395	8.830	ng	# 94
33) 4-Chloroaniline	10.798	127	16926	9.095	ng	94
34) Hexachlorobutadiene	10.980	225	10147	9.376	ng	94
35) Caprolactam	11.550	113	3858	7.176	ng	# 85
36) 4-Chloro-3-methylphenol	11.920	107	15669	8.698	ng	# 84
37) 2-Methylnaphthalene	12.302	142	27760	7.778	ng	91
38) 1-Methylnaphthalene	12.519	142	30449	8.638	ng	93
40) 1,2,4,5-Tetrachloroben...	12.672	216	17490	9.220	ng	97
41) Hexachlorocyclopentadiene	12.654	237	7849	8.706	ng	78
43) 2,4,6-Trichlorophenol	12.913	196	10372	8.181	ng	93
44) 2,4,5-Trichlorophenol	12.983	196	12095	8.794	ng	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064260.D
 Acq On : 3 Sep 2025 19:11
 Operator : RC/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 12 Sample Multiplier: 1

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

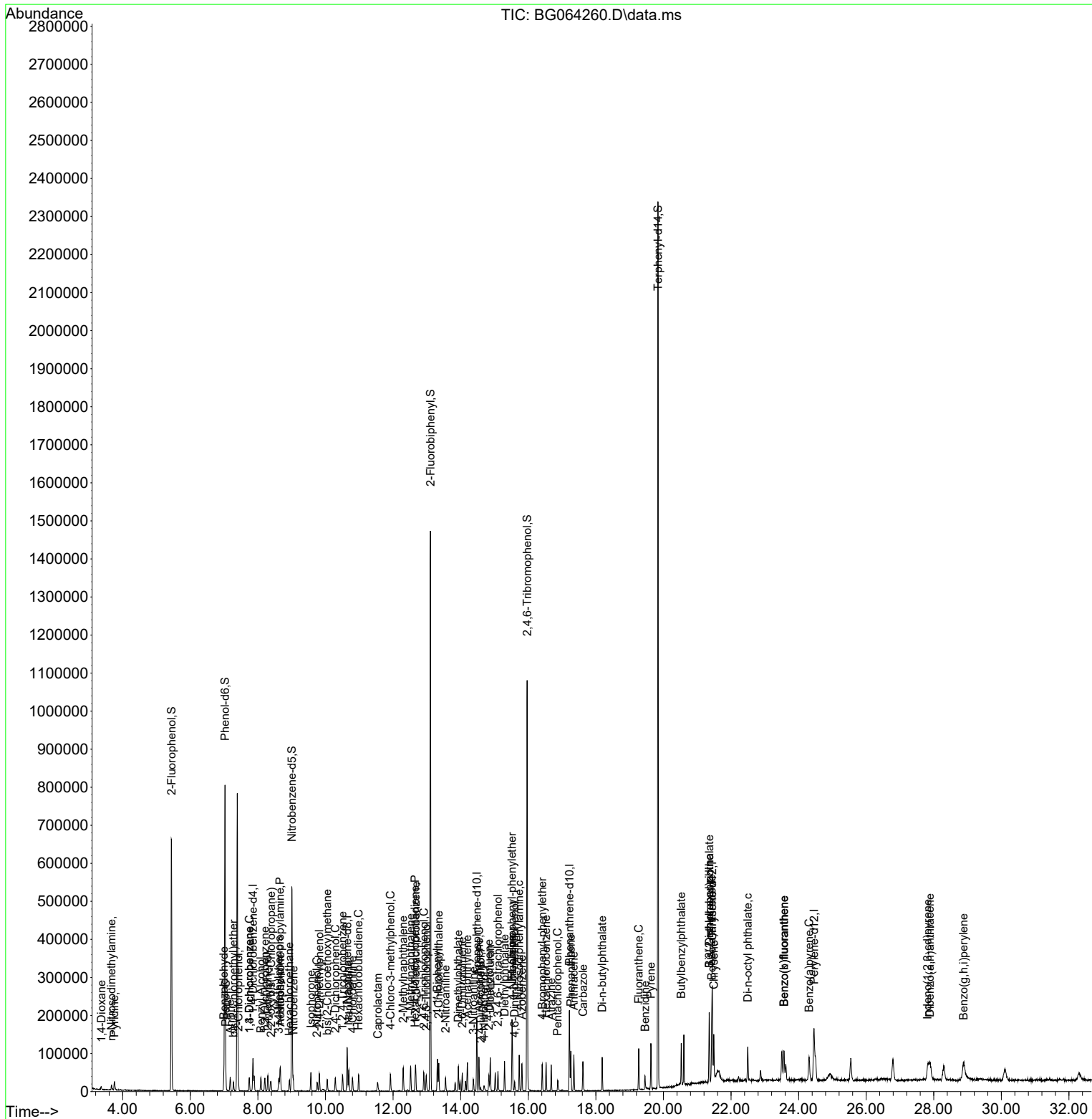
Quant Time: Sep 04 01:13:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

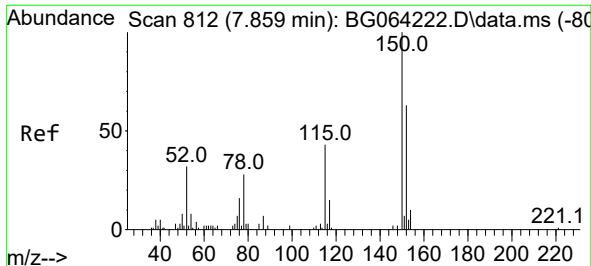
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.312	154	43787	9.144	ng	91
47) 2-Chloronaphthalene	13.353	162	32871	9.131	ng	94
48) 2-Nitroaniline	13.553	65	9375	7.641	ng	90
49) Acenaphthylene	14.199	152	52465	9.859	ng	98
50) Dimethylphthalate	13.929	163	38893	7.816	ng	# 95
51) 2,6-Dinitrotoluene	14.047	165	7790	8.086	ng	89
52) Acenaphthene	14.540	154	31421	8.367	ng	92
53) 3-Nitroaniline	14.376	138	7550	7.482	ng	96
54) 2,4-Dinitrophenol	14.593	184	2345	9.114	ng	98
55) Dibenzofuran	14.875	168	51887	8.784	ng	94
56) 4-Nitrophenol	14.693	139	4350	5.255	ng	# 82
57) 2,4-Dinitrotoluene	14.834	165	11225	7.706	ng	# 93
58) Fluorene	15.527	166	41879	8.650	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.104	232	10758	8.133	ng	# 96
60) Diethylphthalate	15.298	149	40412	7.588	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	21111	8.746	ng	98
62) 4-Nitroaniline	15.533	138	6583	6.393	ng	94
63) Azobenzene	15.815	77	39560	8.334	ng	92
65) 4,6-Dinitro-2-methylph...	15.598	198	4904	6.482	ng	90
66) n-Nitrosodiphenylamine	15.733	169	34358	9.478	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	13143	9.390	ng	97
68) Hexachlorobenzene	16.526	284	14912	9.594	ng	# 92
69) Atrazine	16.679	200	11761	7.770	ng	94
70) Pentachlorophenol	16.873	266	6247	6.629	ng	# 77
71) Phenanthrene	17.261	178	61485	8.846	ng	98
72) Anthracene	17.349	178	59169	8.369	ng	97
73) Carbazole	17.619	167	50898	8.172	ng	98
74) Di-n-butylphthalate	18.189	149	60045	8.025	ng	99
75) Fluoranthene	19.270	202	66340	8.118	ng	99
77) Benzidine	19.458	184	26030	9.547	ng	95
78) Pyrene	19.628	202	71007	8.696	ng	98
80) Butylbenzylphthalate	20.527	149	29007	9.418	ng	96
81) Benzo(a)anthracene	21.426	228	74373	8.969	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	25082	9.288	ng	# 96
83) Chrysene	21.491	228	72494	9.107	ng	98
84) Bis(2-ethylhexyl)phtha...	21.356	149	43529	9.414	ng	# 96
85) Di-n-octyl phthalate	22.496	149	72527	9.002	ng	98
87) Indeno(1,2,3-cd)pyrene	27.819	276	82911	8.920	ng	94
88) Benzo(b)fluoranthene	23.571	252	67265	8.756	ng	95
89) Benzo(k)fluoranthene	23.571	252	67265	8.595	ng	95
90) Benzo(a)pyrene	24.311	252	66185	9.262	ng	99
91) Dibenzo(a,h)anthracene	27.883	278	64542	8.648	ng	95
92) Benzo(g,h,i)perylene	28.876	276	68303	9.406	ng	# 92

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

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

Quant Time: Sep 04 01:13:44 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

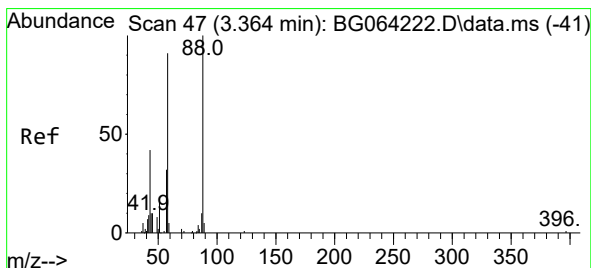
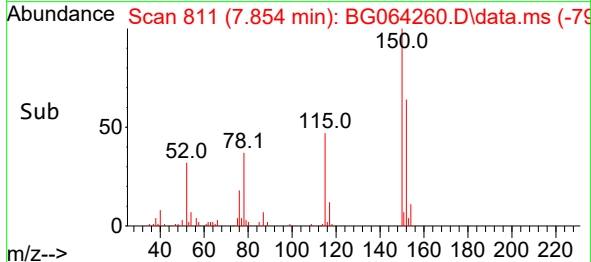
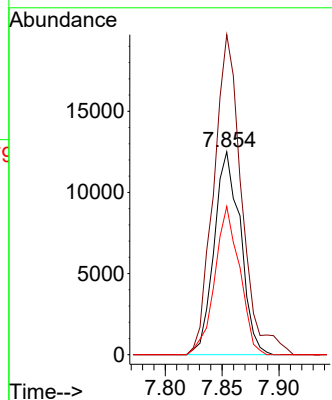
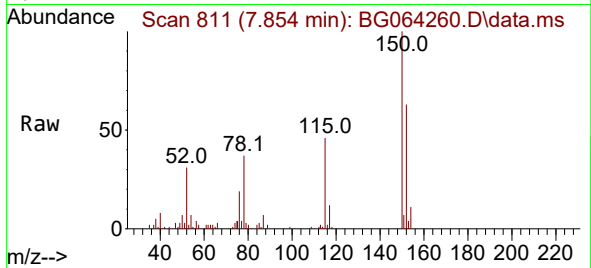




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

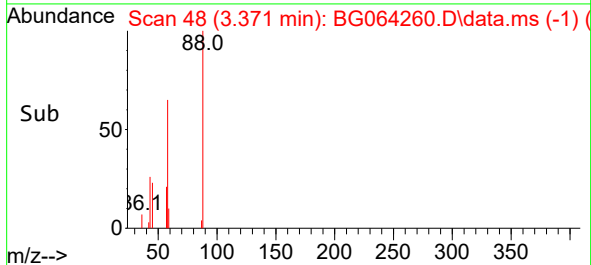
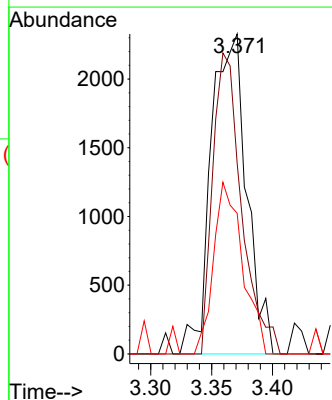
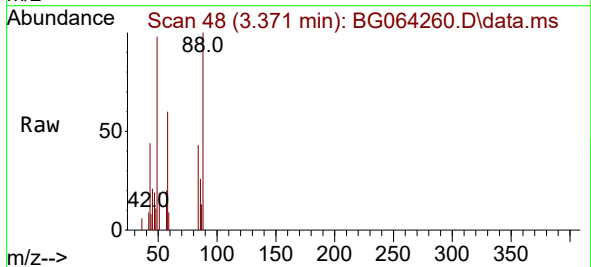
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

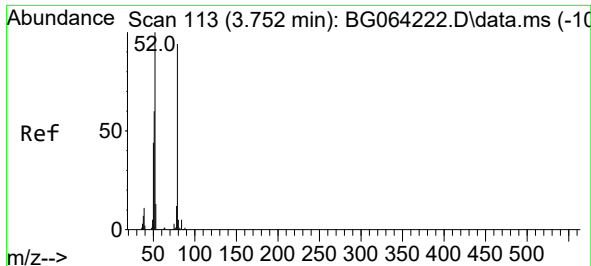
Tgt Ion:152 Resp: 20093
Ion Ratio Lower Upper
152 100
150 157.7 128.0 192.0
115 73.0 55.7 83.5



#2
1,4-Dioxane
Concen: 10.118 ng
RT: 3.371 min Scan# 48
Delta R.T. 0.012 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 88 Resp: 4723
Ion Ratio Lower Upper
88 100
58 76.3 80.8 121.2#
43 43.8 40.3 60.5

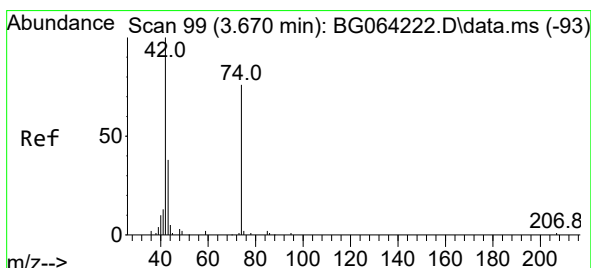
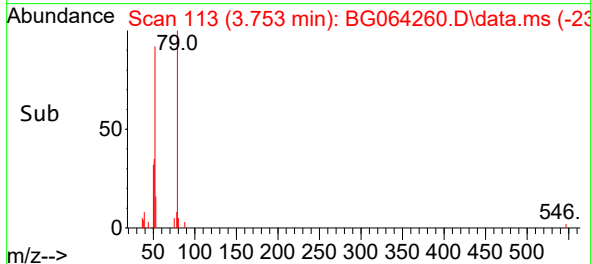
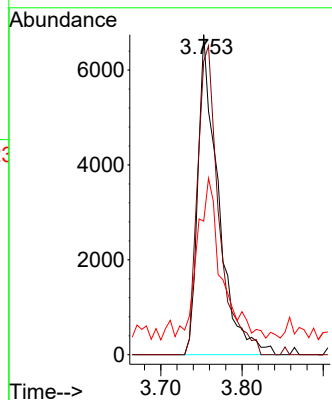
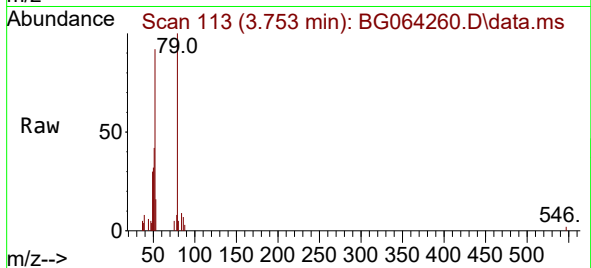




#3
Pyridine
Concen: 8.573 ng
RT: 3.753 min Scan# 113
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

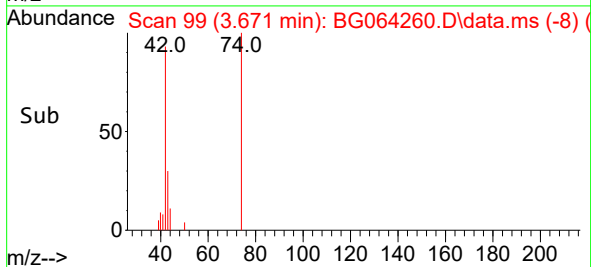
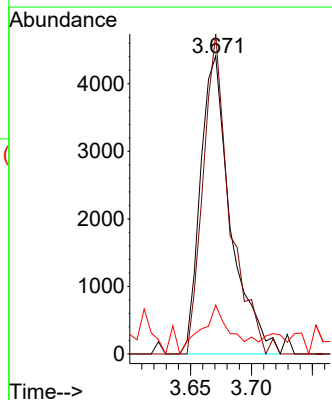
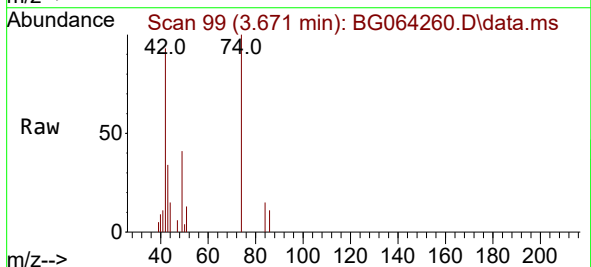
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

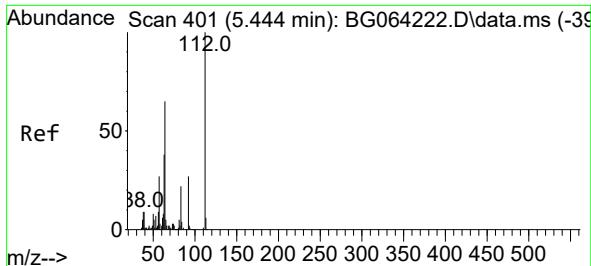
Tgt Ion: 79 Resp: 11780
Ion Ratio Lower Upper
79 100
52 91.7 86.6 129.8
51 41.8 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 8.377 ng
RT: 3.671 min Scan# 99
Delta R.T. 0.007 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 42 Resp: 7614
Ion Ratio Lower Upper
42 100
74 107.3 58.0 87.0#
44 16.4 5.5 8.3#

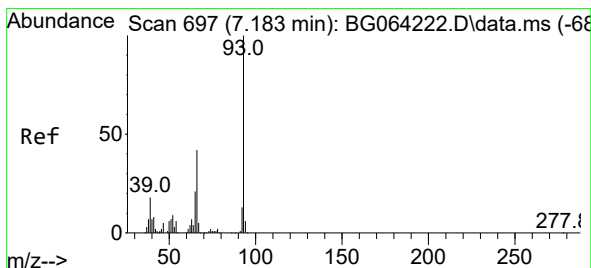
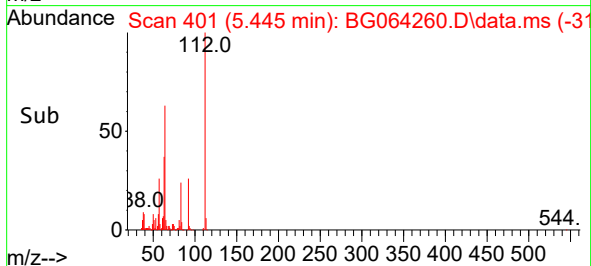
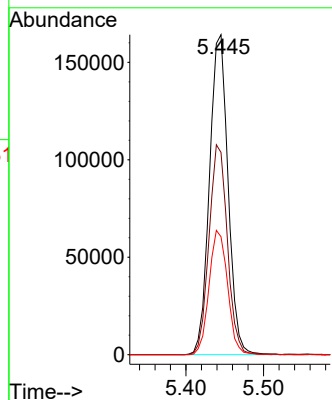
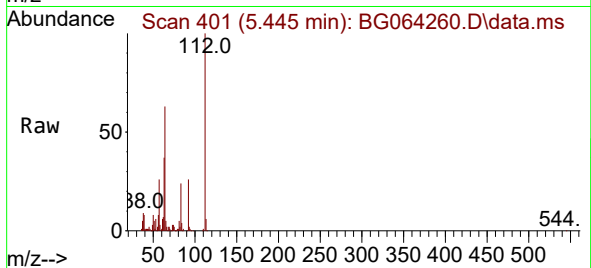




#5
2-Fluorophenol
Concen: 243.878 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

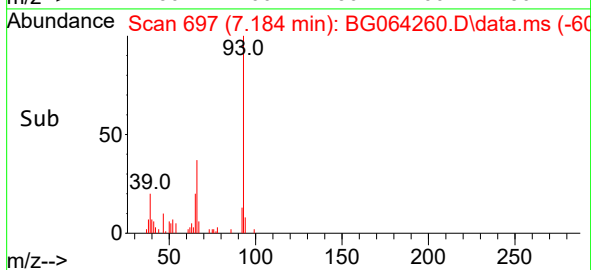
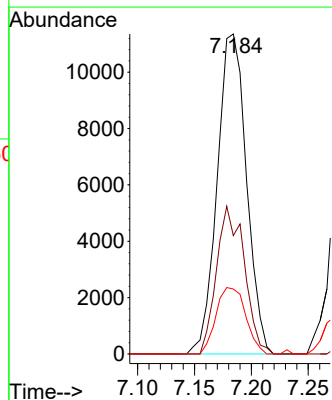
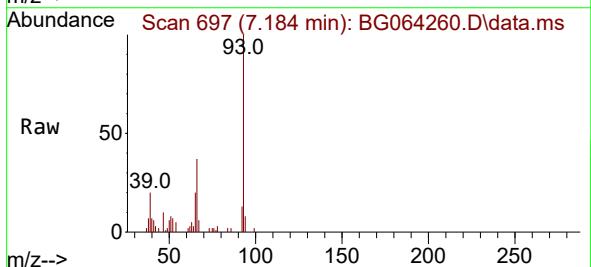
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

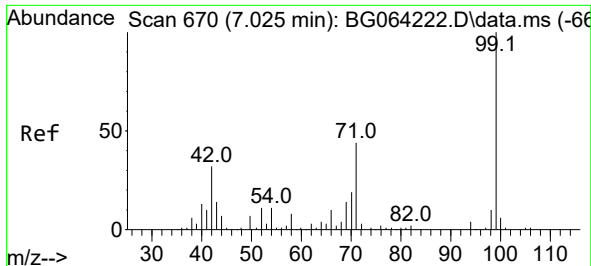
Tgt Ion:112 Resp: 273132
Ion Ratio Lower Upper
112 100
64 63.2 51.8 77.6
63 36.8 30.6 45.8



#6
Aniline
Concen: 9.554 ng
RT: 7.184 min Scan# 697
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 93 Resp: 20328
Ion Ratio Lower Upper
93 100
66 37.0 33.8 50.8
65 20.3 16.9 25.3

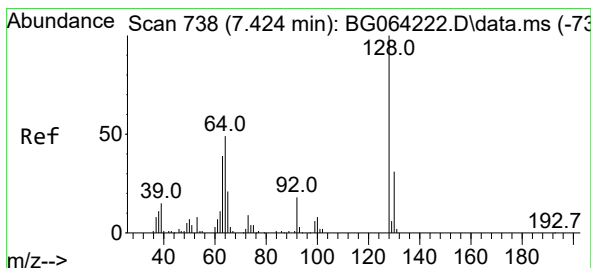
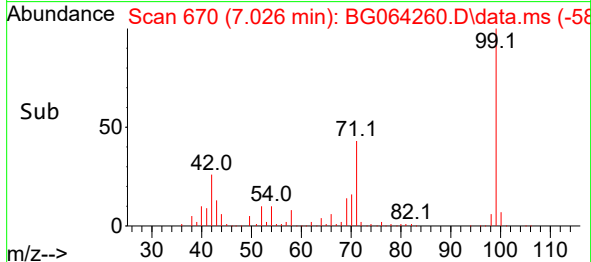
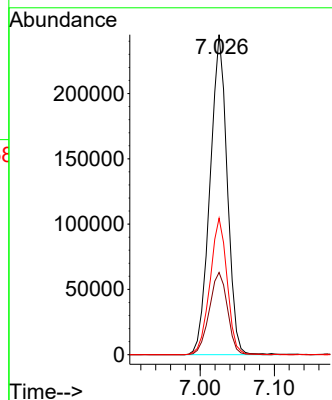
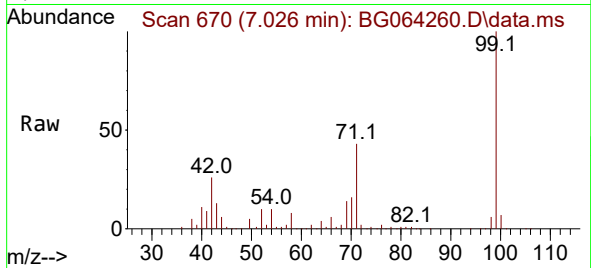




#7
Phenol-d6
Concen: 256.221 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

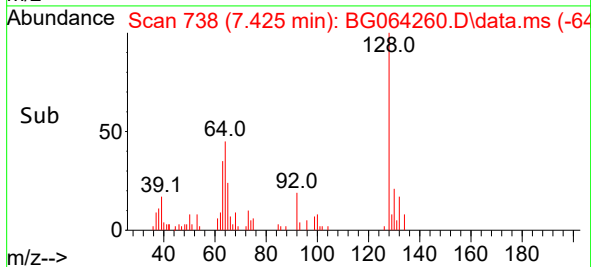
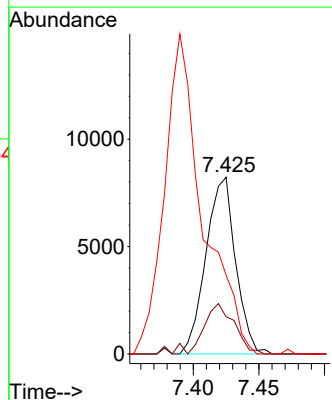
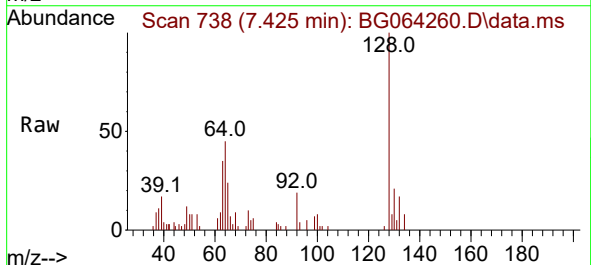
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

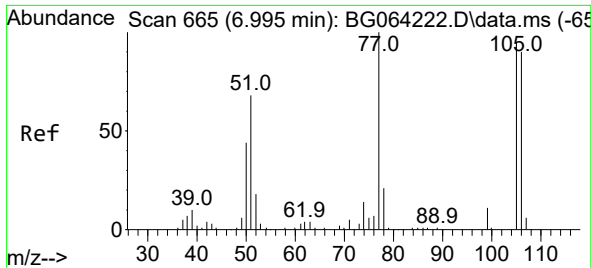
Tgt Ion: 99 Resp: 394228
Ion Ratio Lower Upper
99 100
42 25.7 25.8 38.8#
71 42.6 35.2 52.8



#8
2-Chlorophenol
Concen: 9.484 ng
RT: 7.425 min Scan# 738
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:128 Resp: 12980
Ion Ratio Lower Upper
128 100
130 21.0 10.9 50.9
64 44.6 28.7 68.7

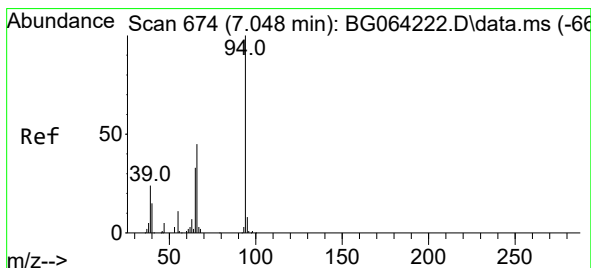
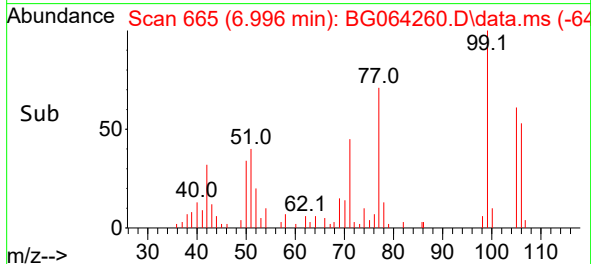
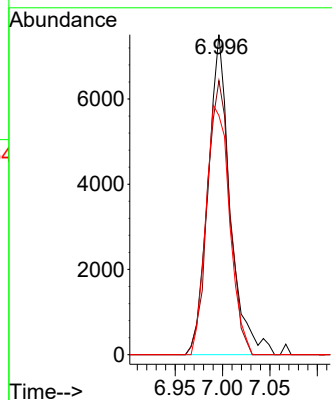
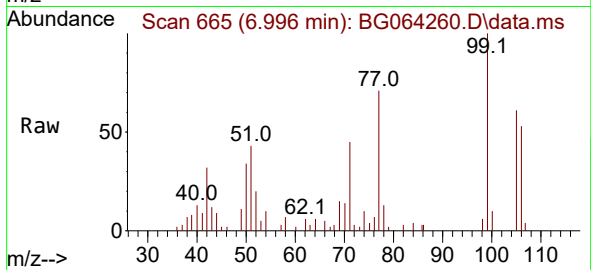




#9
Benzaldehyde
Concen: 9.577 ng
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

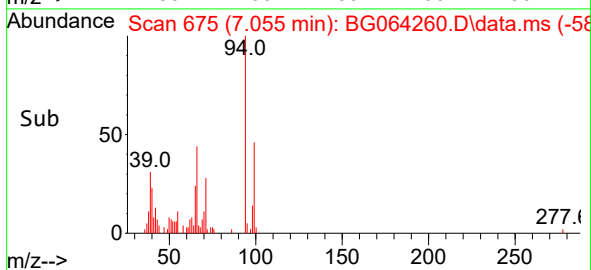
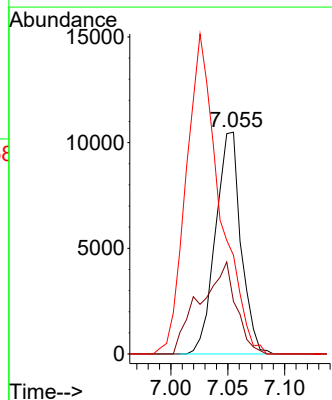
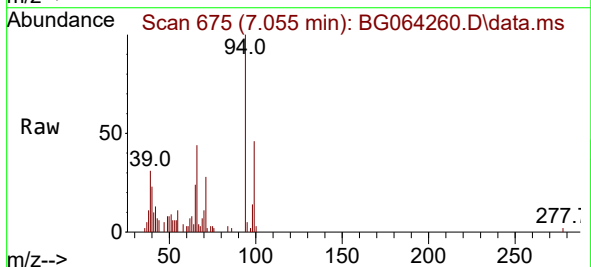
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

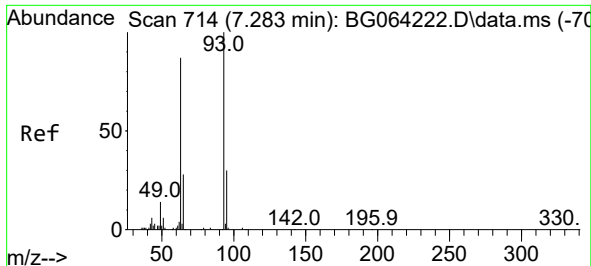
Tgt Ion: 77 Resp: 12127
Ion Ratio Lower Upper
77 100
105 85.6 75.2 115.2
106 74.7 69.6 109.6



#10
Phenol
Concen: 9.611 ng
RT: 7.055 min Scan# 675
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 94 Resp: 16303
Ion Ratio Lower Upper
94 100
65 23.7 13.5 53.5
66 44.5 26.2 66.2

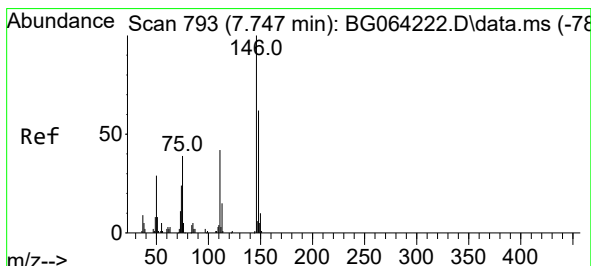
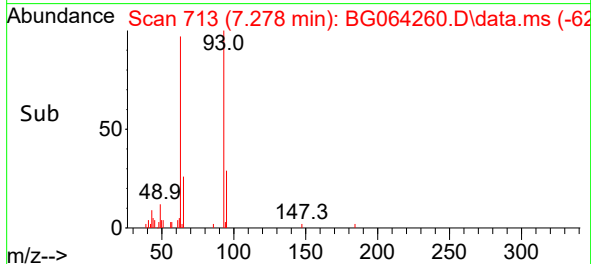
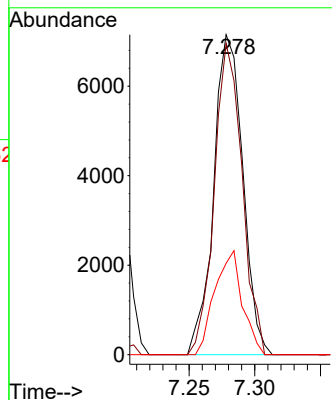
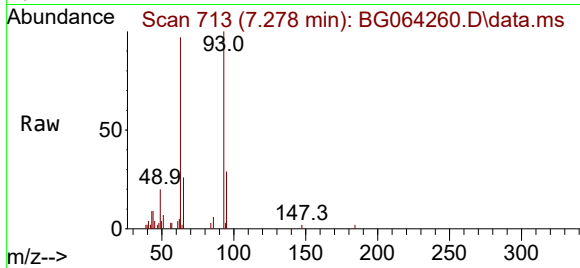




#11
bis(2-Chloroethyl)ether
Concen: 8.660 ng
RT: 7.278 min Scan# 714
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

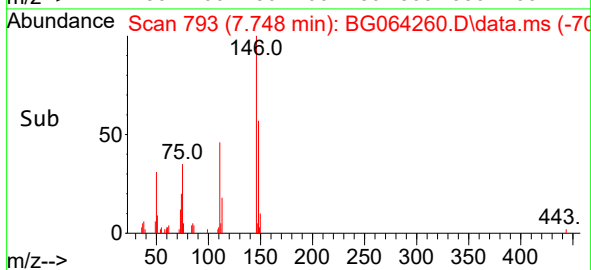
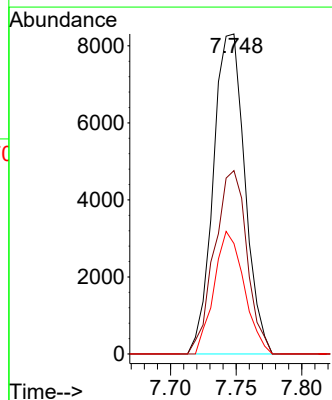
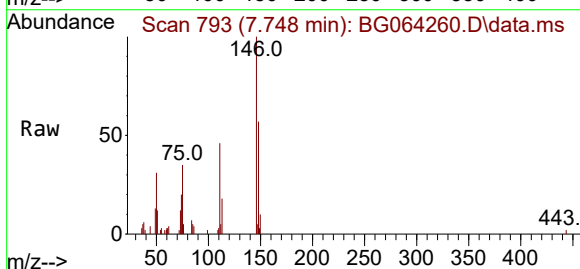
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

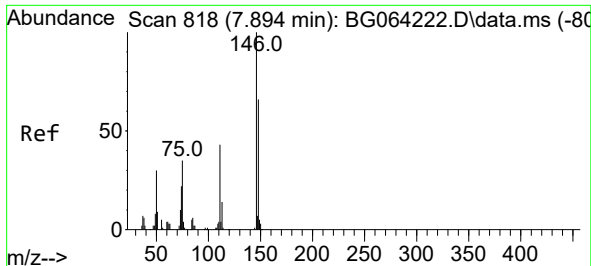
Tgt Ion: 93 Resp: 11039
Ion Ratio Lower Upper
93 100
63 97.3 66.2 106.2
95 28.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 9.542 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:146 Resp: 13893
Ion Ratio Lower Upper
146 100
148 57.3 49.6 74.4
75 34.5 31.0 46.6

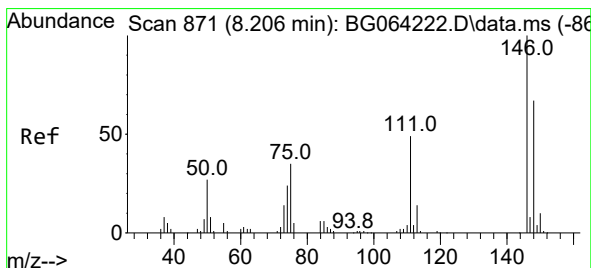
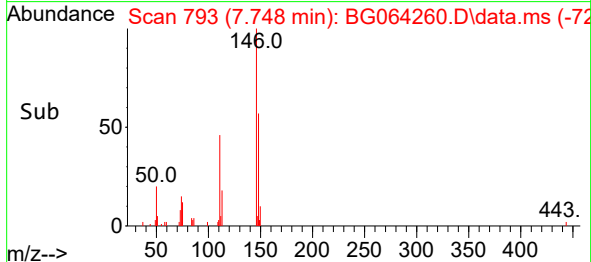
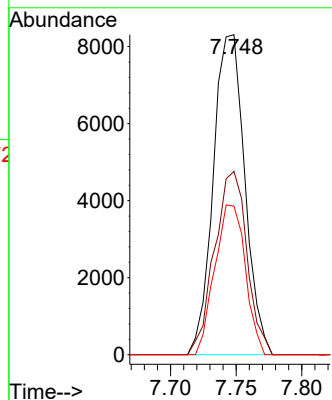
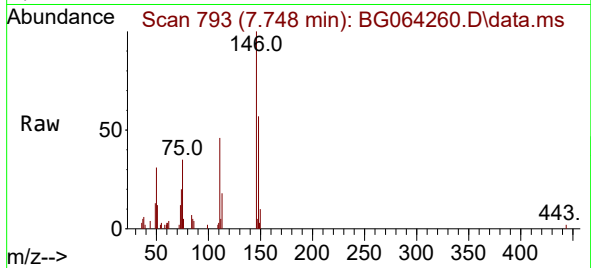




#13
1,4-Dichlorobenzene
Concen: 9.455 ng
RT: 7.748 min Scan# 793
Delta R.T. -0.146 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

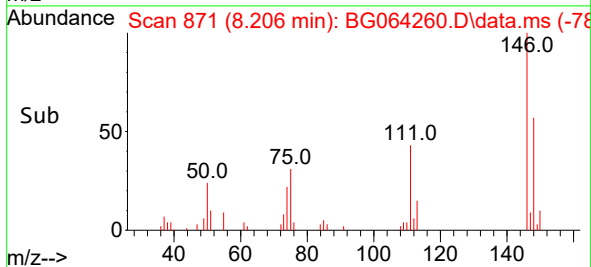
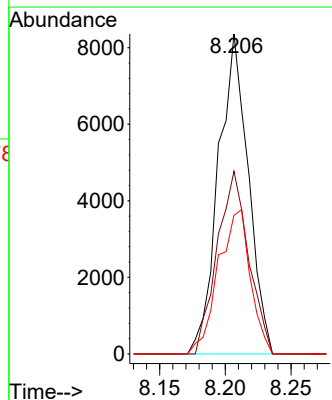
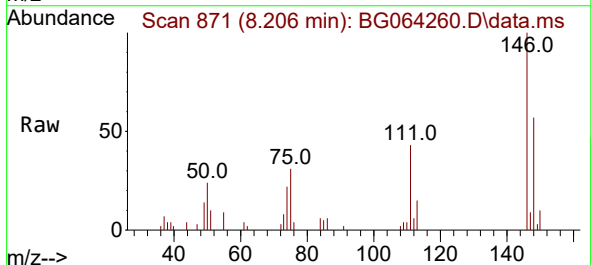
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

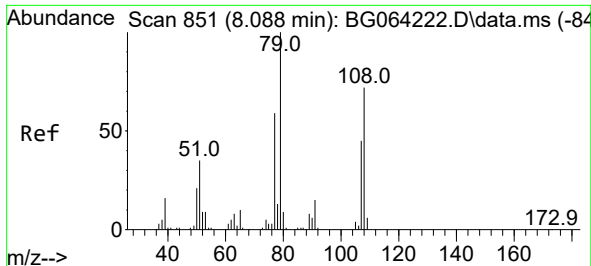
Tgt Ion:146 Resp: 13893
Ion Ratio Lower Upper
146 100
148 57.3 52.8 79.2
111 46.4 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 9.322 ng
RT: 8.206 min Scan# 871
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:146 Resp: 13220
Ion Ratio Lower Upper
146 100
148 57.1 53.4 80.0
111 43.3 39.1 58.7

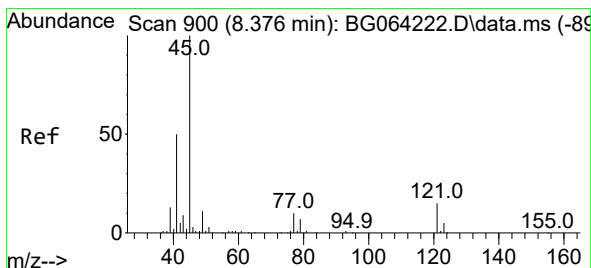
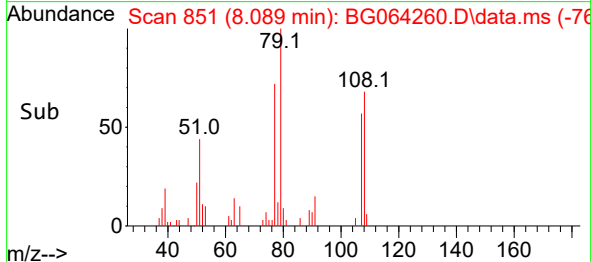
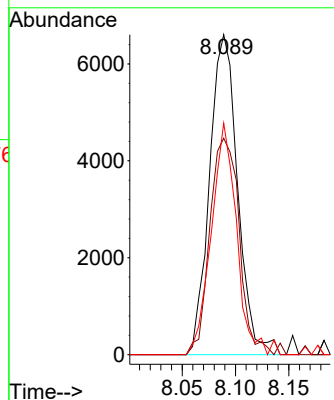
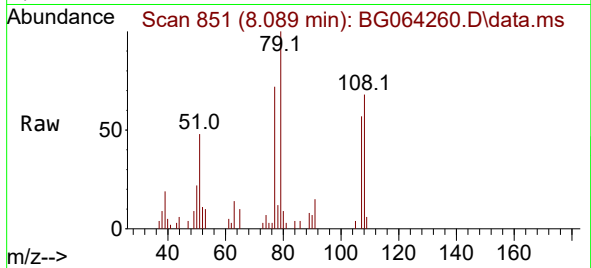




#15
Benzyl Alcohol
Concen: 8.551 ng
RT: 8.089 min Scan# 811
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

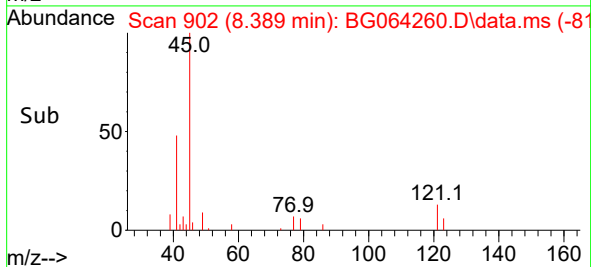
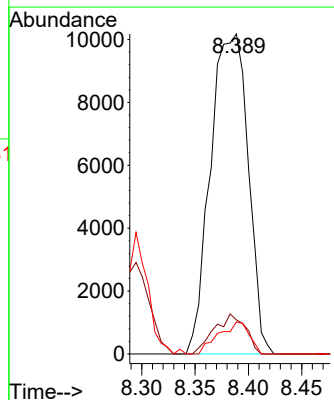
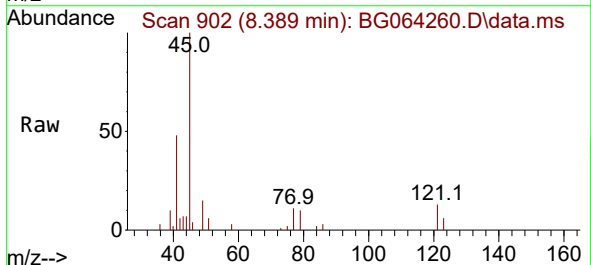
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

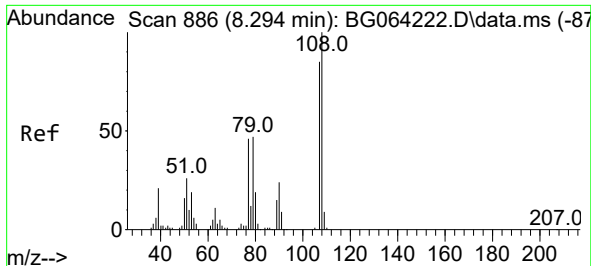
Tgt Ion: 79 Resp: 12142
Ion Ratio Lower Upper
79 100
108 67.7 57.4 86.0
77 72.4 47.2 70.8#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.583 ng
RT: 8.389 min Scan# 902
Delta R.T. 0.012 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

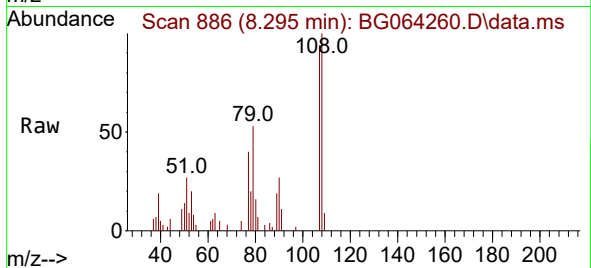
Tgt Ion: 45 Resp: 24980
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.0
79 10.0 0.0 27.9



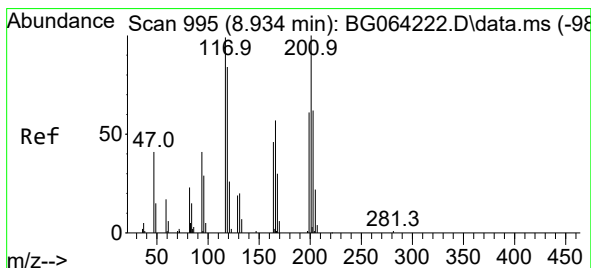
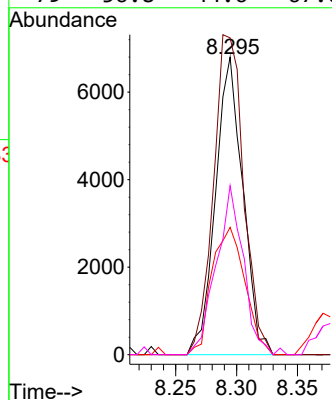


#17
2-Methylphenol
Concen: 8.422 ng
RT: 8.295 min Scan# 886
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

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

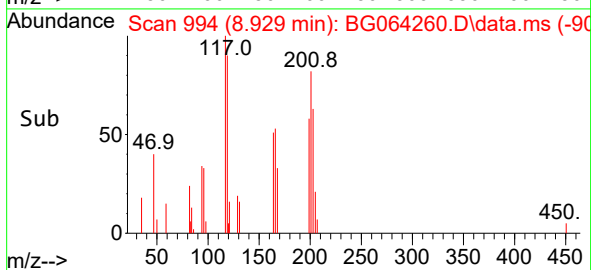
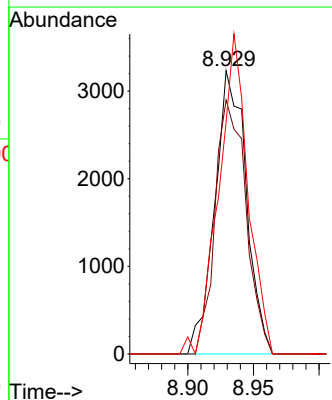
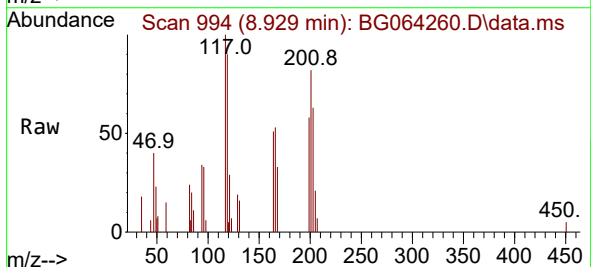


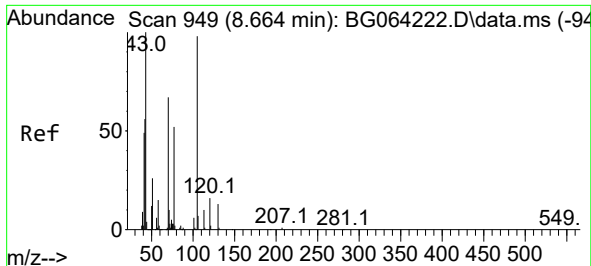
Tgt Ion:	107	Resp:	10647
Ion	Ratio	Lower	Upper
107	100		
108	106.5	94.6	141.8
77	42.8	43.7	65.5#
79	56.8	44.6	67.0



#18
Hexachloroethane
Concen: 9.352 ng
RT: 8.929 min Scan# 994
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:	117	Resp:	5364
Ion	Ratio	Lower	Upper
117	100		
119	89.7	67.9	101.9
201	82.0	80.5	120.7

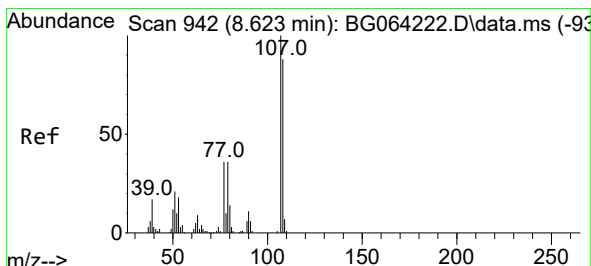
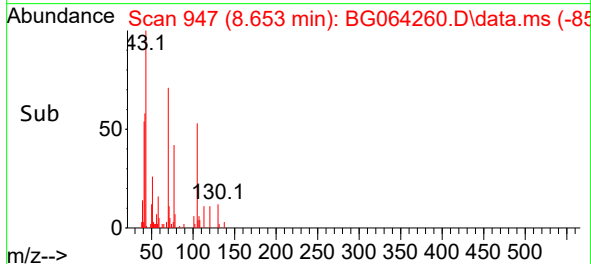
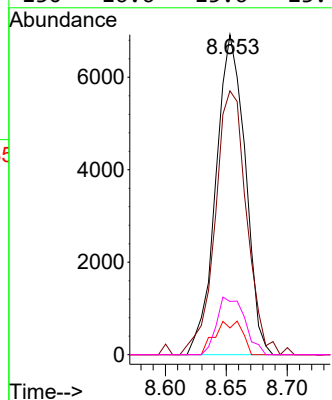
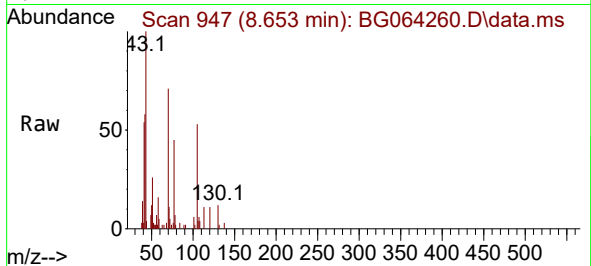




#19
n-Nitroso-di-n-propylamine
Concen: 9.853 ng
RT: 8.653 min Scan# 947
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

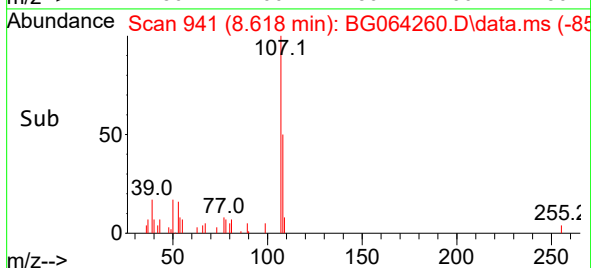
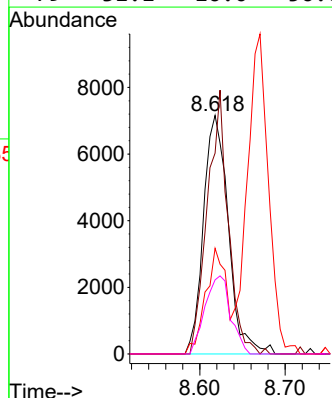
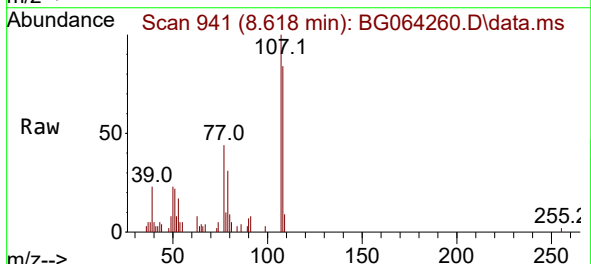
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

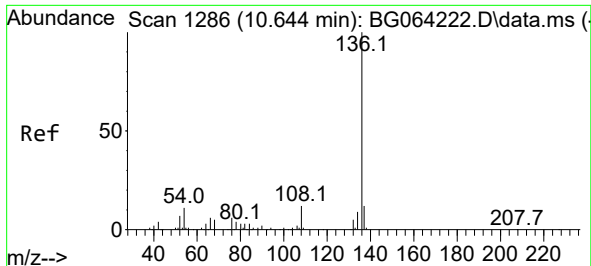
Tgt Ion:	70	Resp:	11603
Ion	Ratio	Lower	Upper
70	100		
42	82.5	67.9	101.9
101	8.4	7.3	10.9
130	16.6	15.6	23.4



#20
3+4-Methylphenols
Concen: 8.271 ng
RT: 8.618 min Scan# 941
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:	107	Resp:	14529
Ion	Ratio	Lower	Upper
107	100		
108	84.2	68.1	108.1
77	44.3	15.9	55.9
79	31.1	16.0	56.0

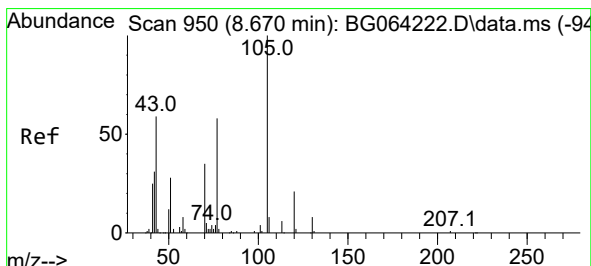
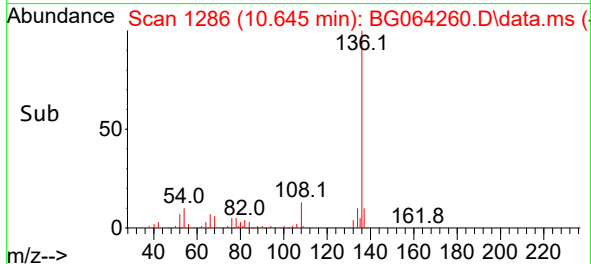
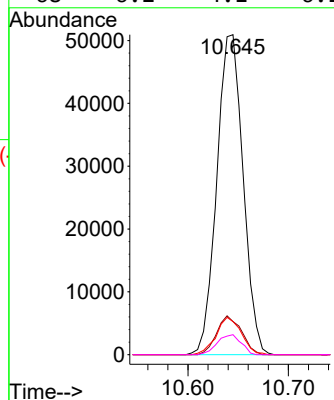
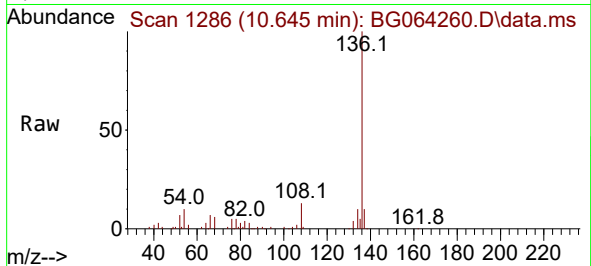




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

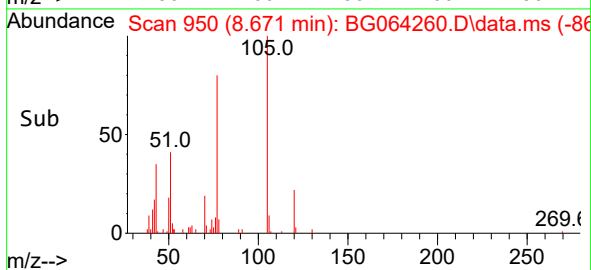
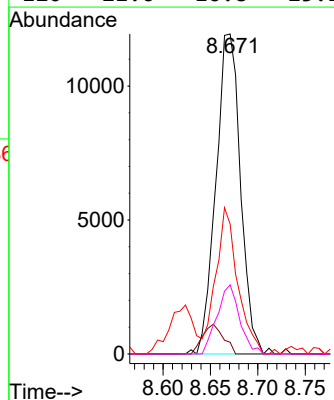
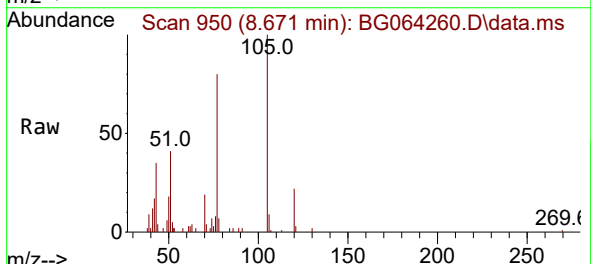
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

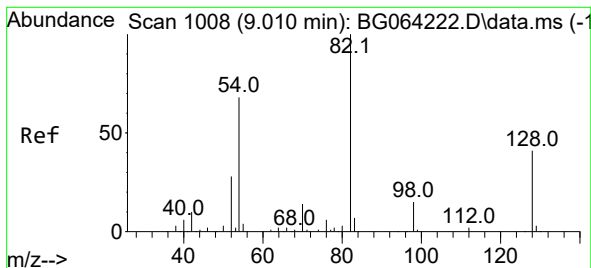
Tgt Ion:136 Resp: 92592
Ion Ratio Lower Upper
136 100
137 10.4 9.6 14.4
54 10.4 8.8 13.2
68 6.2 4.1 6.1#



#22
Acetophenone
Concen: 9.209 ng
RT: 8.671 min Scan# 950
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:105 Resp: 21573
Ion Ratio Lower Upper
105 100
71 3.7 4.3 6.5#
51 40.6 32.4 48.6
120 21.6 16.8 25.2





#23

Nitrobenzene-d5

Concen: 176.272 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

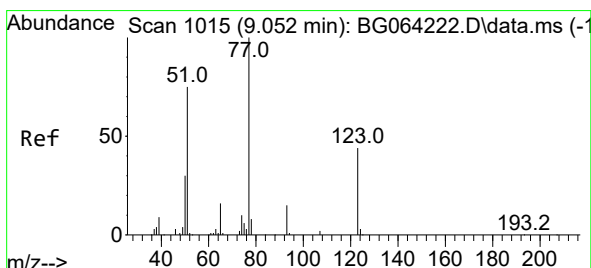
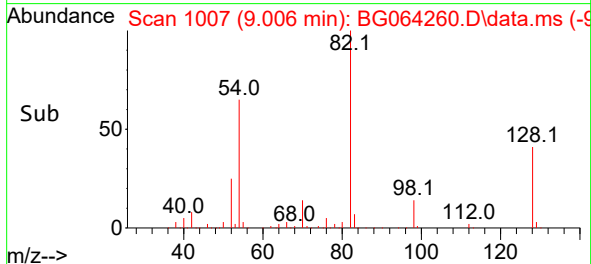
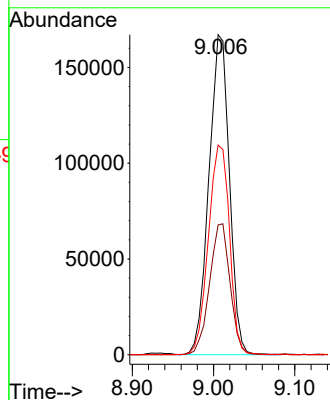
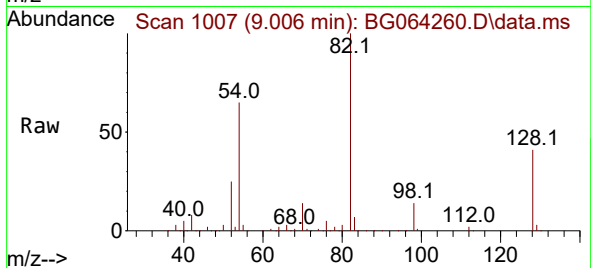
Tgt Ion: 82 Resp: 292654

Ion Ratio Lower Upper

82 100

128 40.5 32.6 48.8

54 65.5 54.7 82.1



#24

Nitrobenzene

Concen: 9.545 ng

RT: 9.053 min Scan# 1015

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

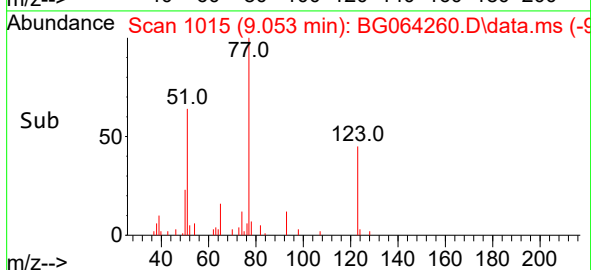
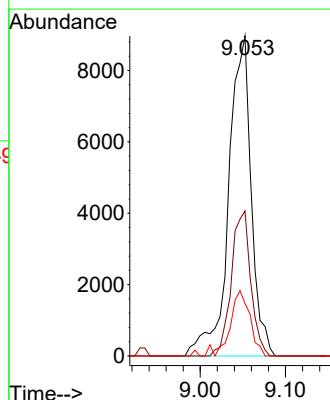
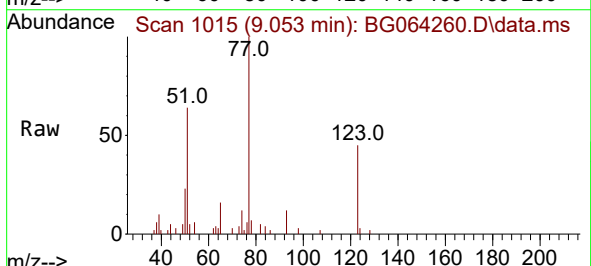
Tgt Ion: 77 Resp: 16557

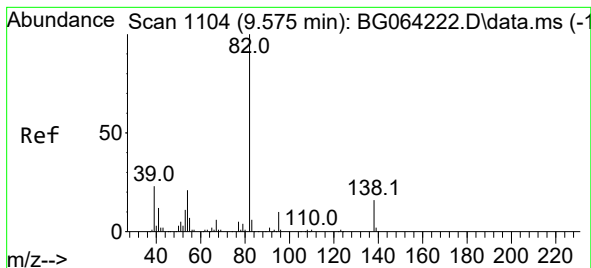
Ion Ratio Lower Upper

77 100

123 45.4 35.2 52.8

65 16.4 12.6 19.0





#25

Isophorone

Concen: 8.957 ng

RT: 9.570 min Scan# 1104

Delta R.T. -0.017 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

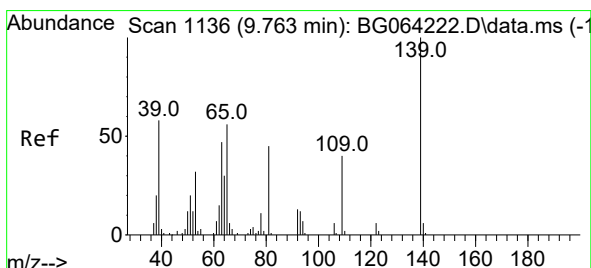
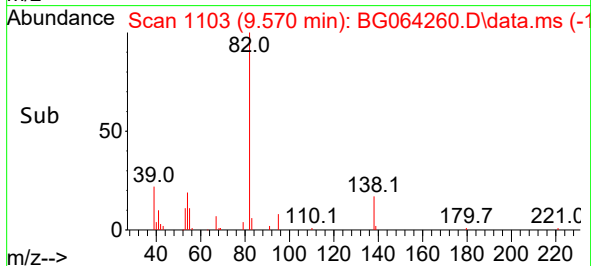
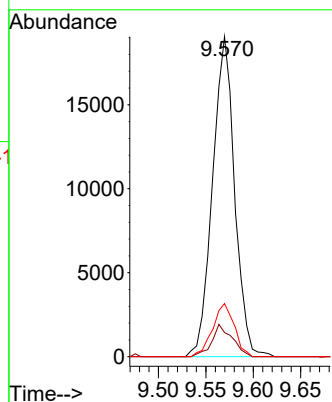
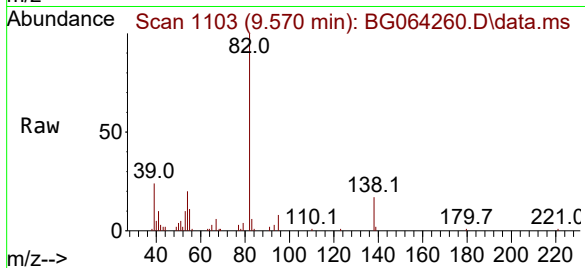
Tgt Ion: 82 Resp: 30906

Ion Ratio Lower Upper

82 100

95 7.6 7.9 11.9#

138 16.6 13.0 19.4



#26

2-Nitrophenol

Concen: 8.963 ng

RT: 9.752 min Scan# 1134

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

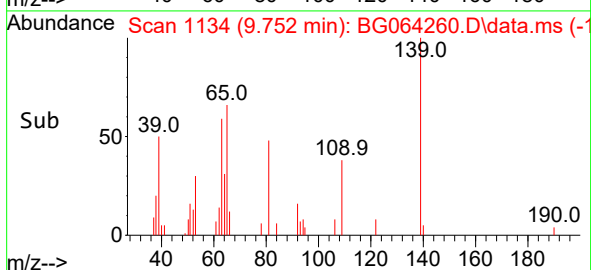
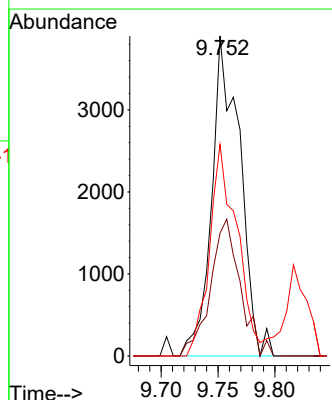
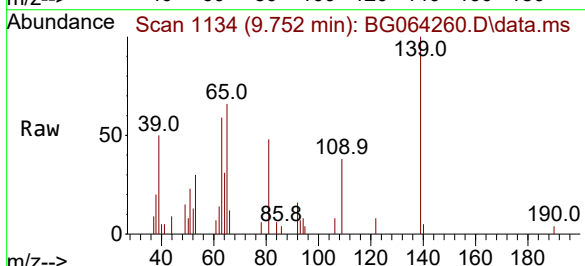
Tgt Ion:139 Resp: 6718

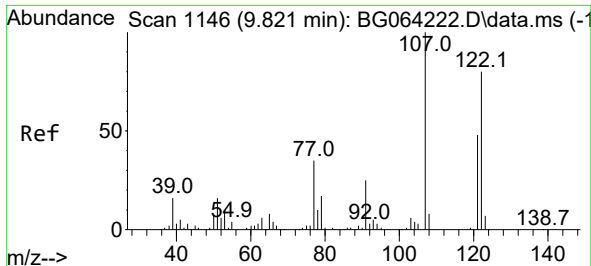
Ion Ratio Lower Upper

139 100

109 38.4 32.4 48.6

65 66.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 9.745 ng

RT: 9.816 min Scan# 1145

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

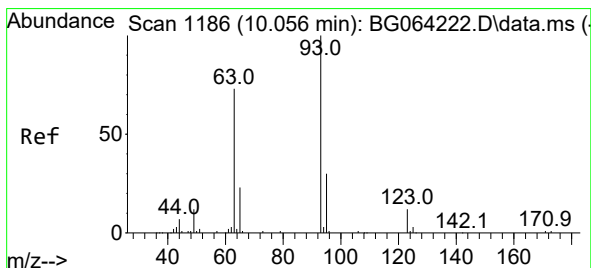
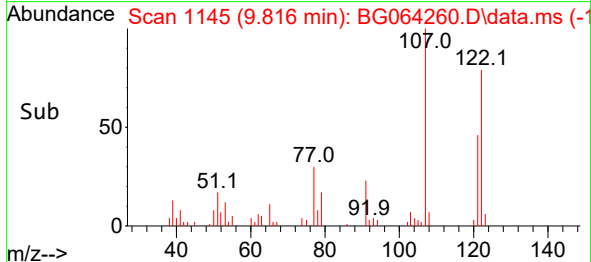
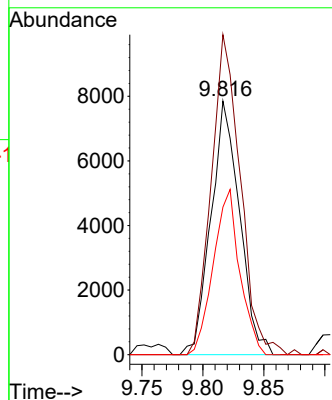
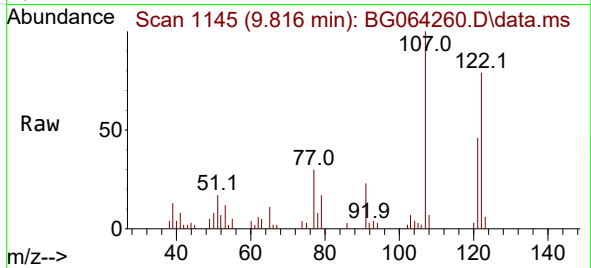
Tgt Ion:122 Resp: 12824

Ion Ratio Lower Upper

122 100

107 126.1 99.9 149.9

121 58.2 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 9.497 ng

RT: 10.051 min Scan# 1185

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

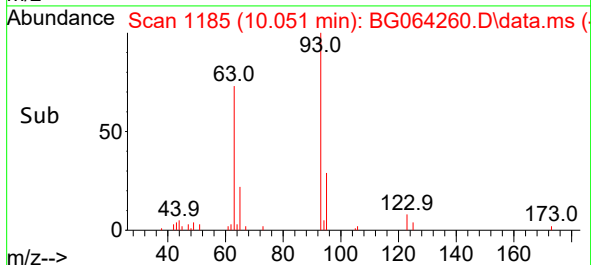
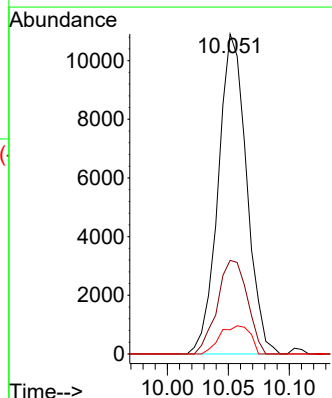
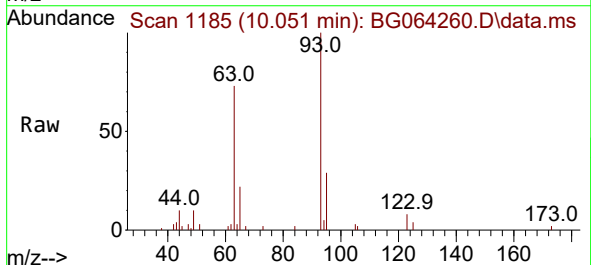
Tgt Ion: 93 Resp: 17670

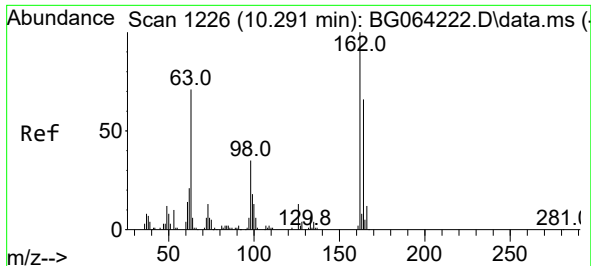
Ion Ratio Lower Upper

93 100

95 29.3 23.9 35.9

123 7.6 9.6 14.4#

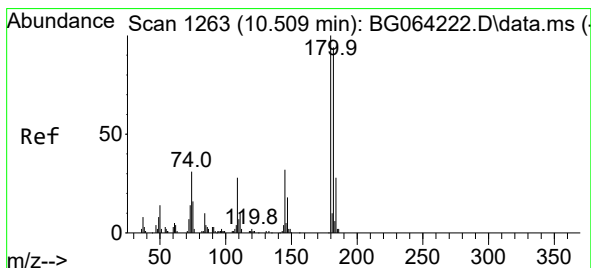
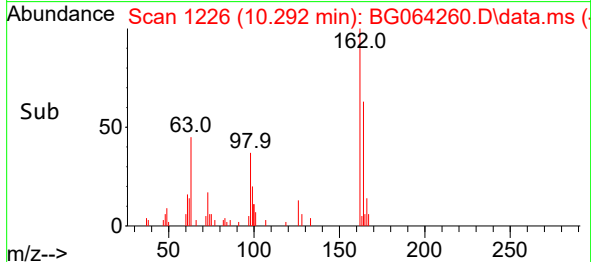
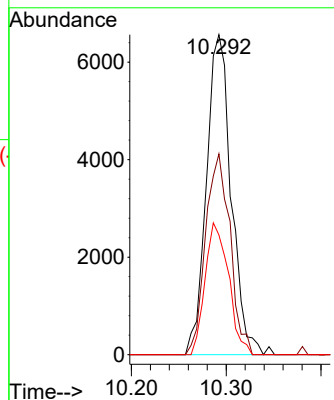
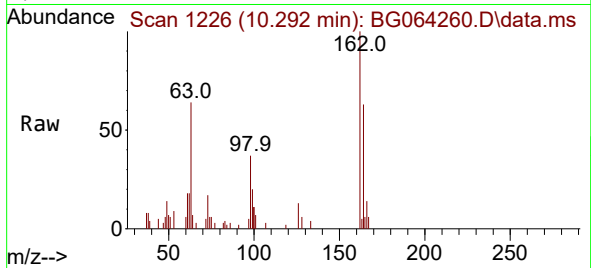




#29
2,4-Dichlorophenol
Concen: 8.596 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

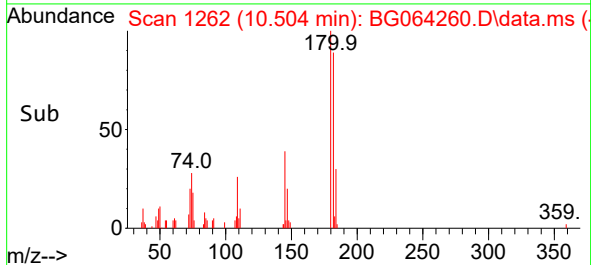
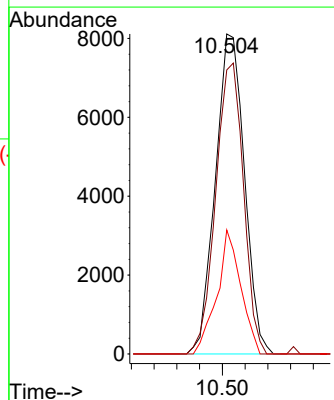
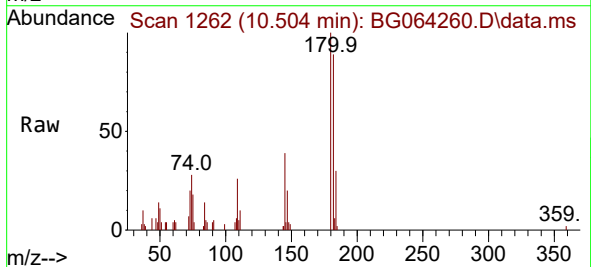
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

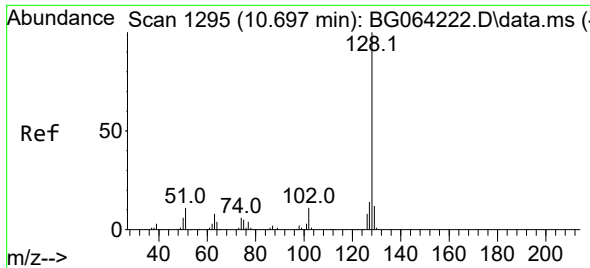
Tgt Ion:162 Resp: 11935
Ion Ratio Lower Upper
162 100
164 62.7 45.8 85.8
98 37.4 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 9.840 ng
RT: 10.504 min Scan# 1262
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:180 Resp: 14406
Ion Ratio Lower Upper
180 100
182 88.7 75.0 112.6
145 42.4 25.4 38.0#

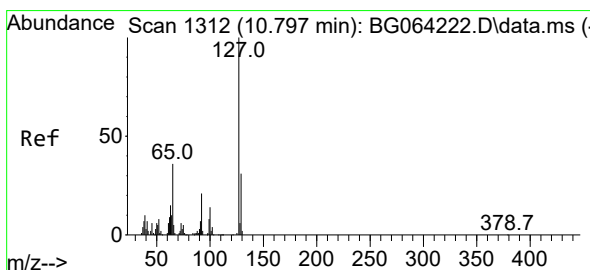
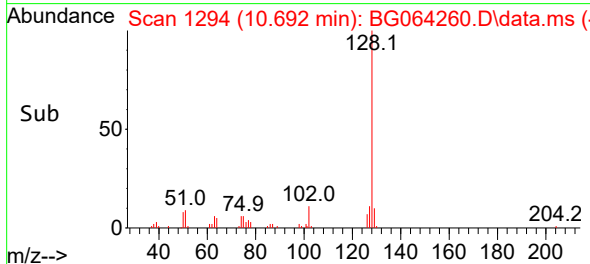
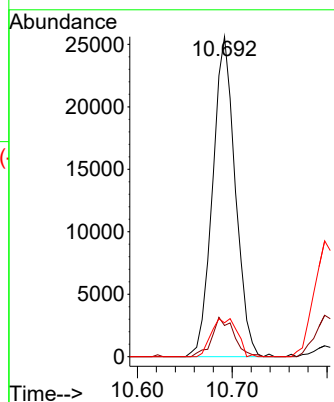
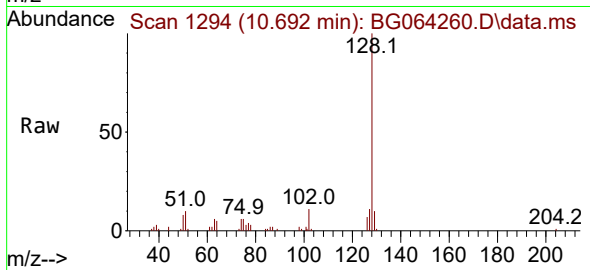




#31
Naphthalene
Concen: 8.830 ng
RT: 10.692 min Scan# 1295
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

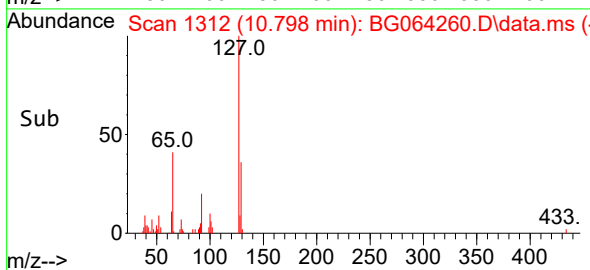
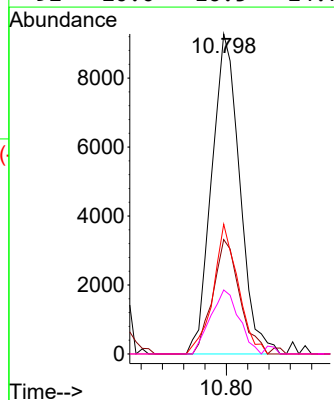
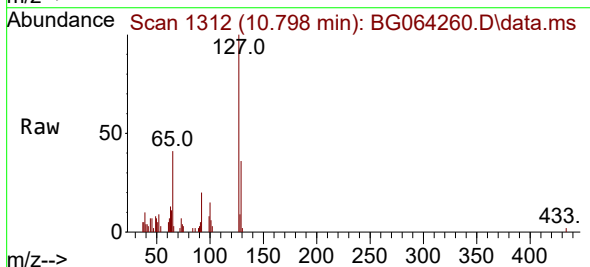
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

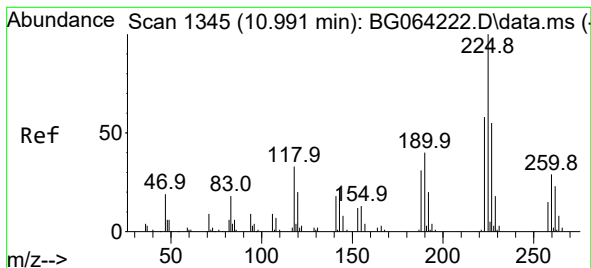
Tgt Ion:128 Resp: 42395
Ion Ratio Lower Upper
128 100
129 9.7 9.4 14.2
127 10.6 10.9 16.3#



#33
4-Chloroaniline
Concen: 9.095 ng
RT: 10.798 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:127 Resp: 16926
Ion Ratio Lower Upper
127 100
129 35.7 25.0 37.4
65 40.6 28.7 43.1
92 20.0 16.5 24.7





#34

Hexachlorobutadiene

Concen: 9.376 ng

RT: 10.980 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG064260.D

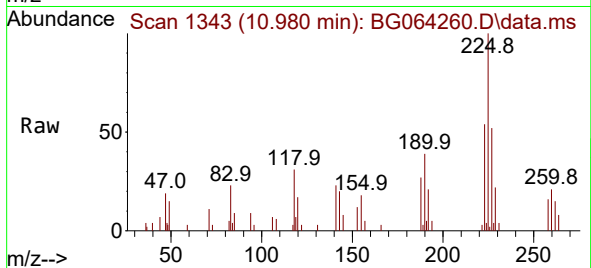
Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



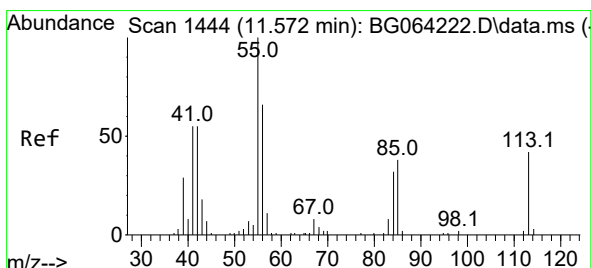
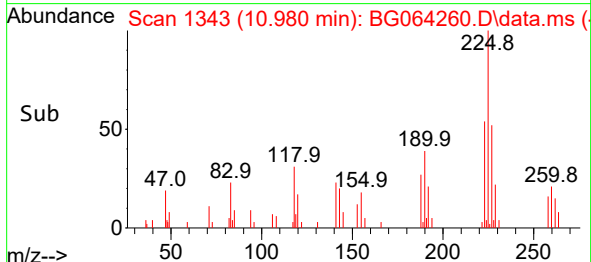
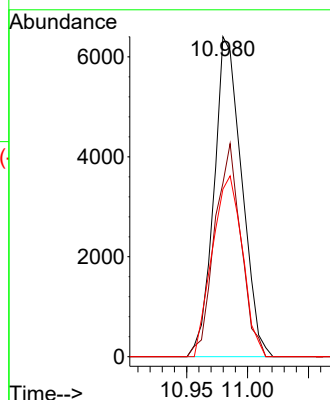
Tgt Ion:225 Resp: 10147

Ion Ratio Lower Upper

225 100

223 52.9 46.5 69.7

227 51.2 44.1 66.1



#35

Caprolactam

Concen: 7.176 ng

RT: 11.550 min Scan# 1440

Delta R.T. -0.052 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

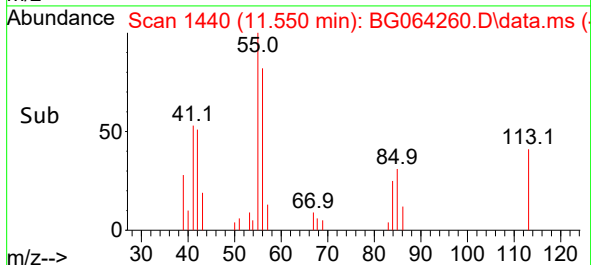
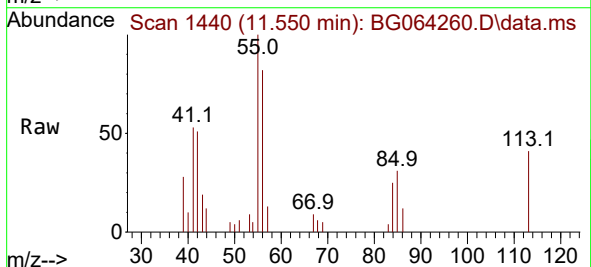
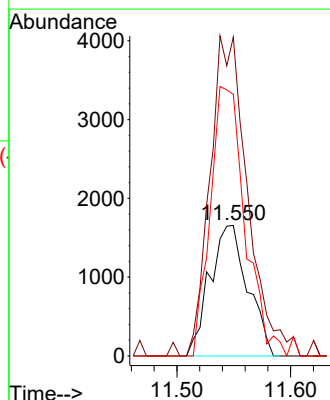
Tgt Ion:113 Resp: 3858

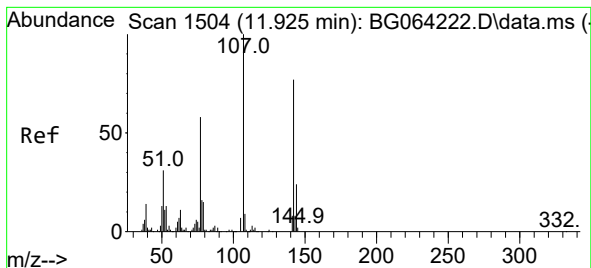
Ion Ratio Lower Upper

113 100

55 244.2 218.5 258.5

56 200.3 138.5 178.5#

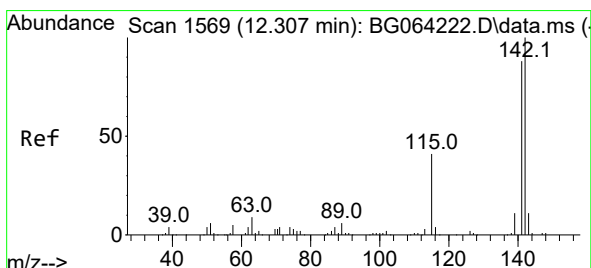
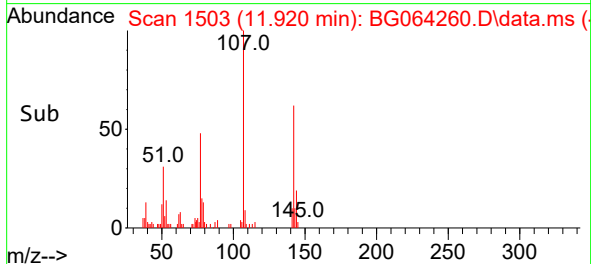
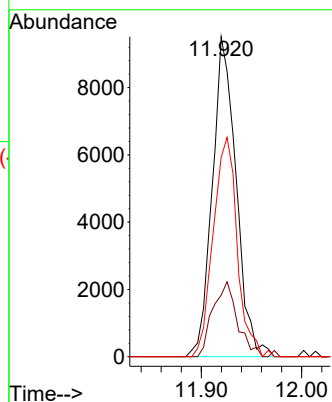
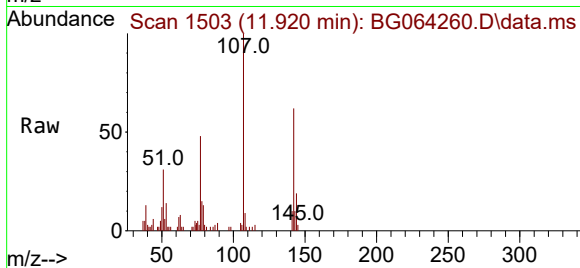




#36
4-Chloro-3-methylphenol
Concen: 8.698 ng
RT: 11.920 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

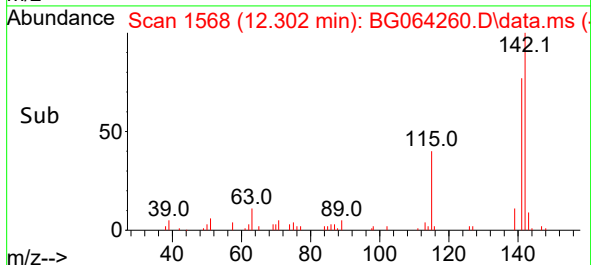
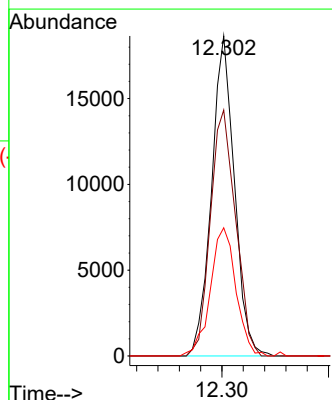
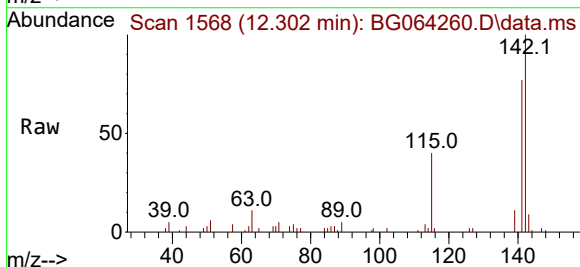
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

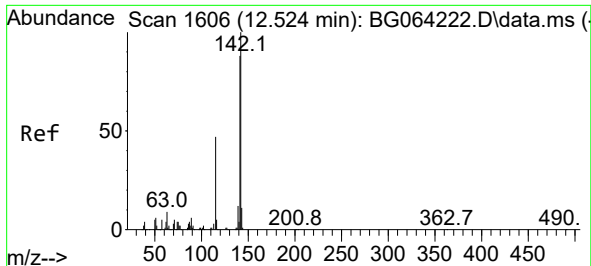
Tgt Ion:107 Resp: 15669
Ion Ratio Lower Upper
107 100
144 19.2 19.5 29.3#
142 62.3 62.0 93.0



#37
2-Methylnaphthalene
Concen: 7.778 ng
RT: 12.302 min Scan# 1568
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:142 Resp: 27760
Ion Ratio Lower Upper
142 100
141 76.9 70.1 105.1
115 40.0 33.1 49.7

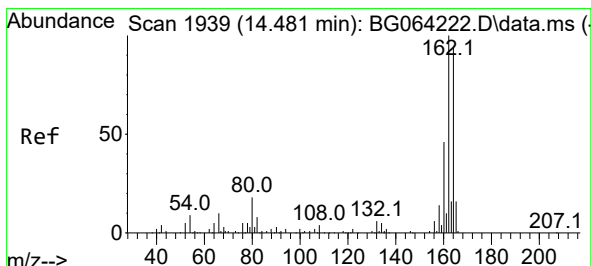
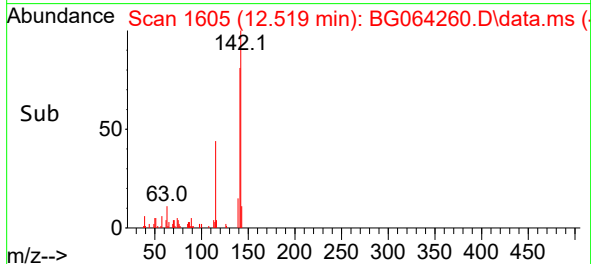
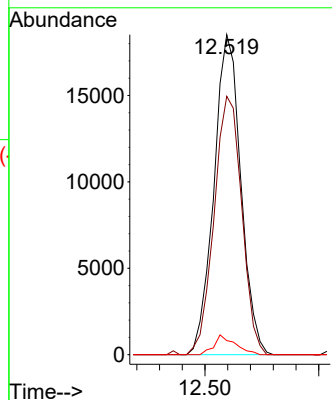
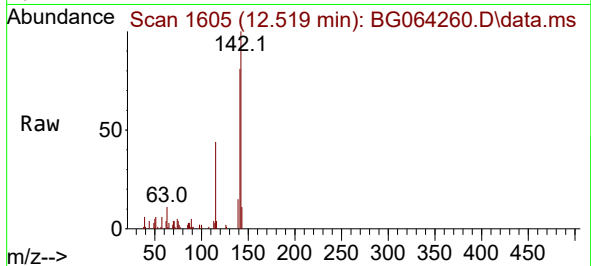




#38
1-Methylnaphthalene
Concen: 8.638 ng
RT: 12.519 min Scan# 1605
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

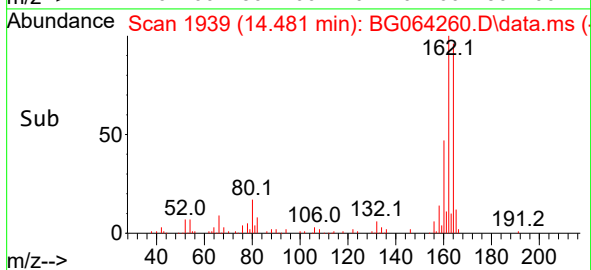
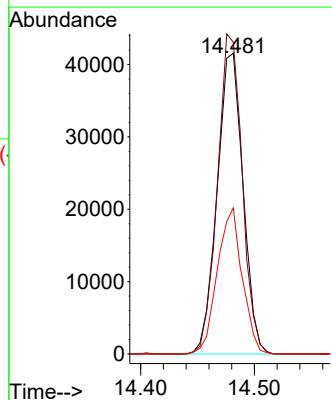
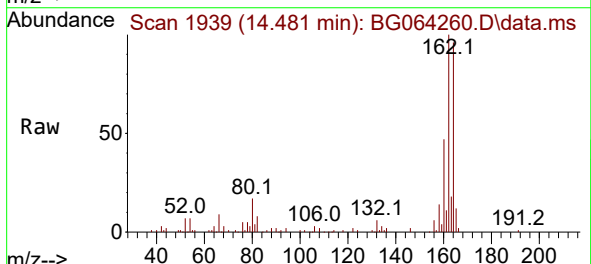
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

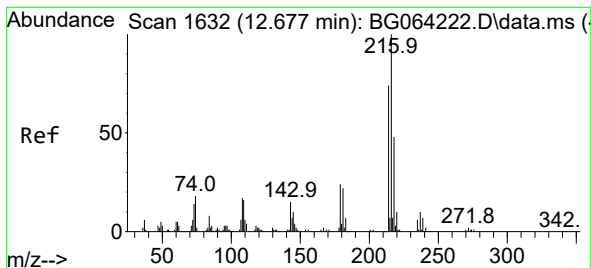
Tgt Ion:142 Resp: 30449
Ion Ratio Lower Upper
142 100
141 80.8 70.3 105.5
116 4.4 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:164 Resp: 65744
Ion Ratio Lower Upper
164 100
162 103.7 85.4 128.0
160 48.6 39.2 58.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.220 ng

RT: 12.672 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:216 Resp: 17490

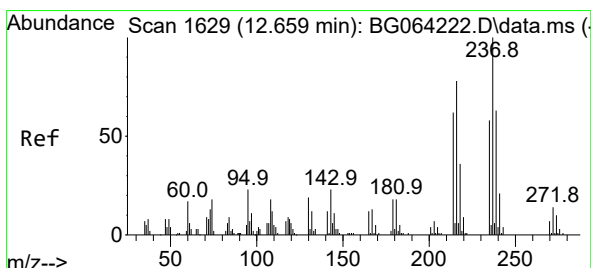
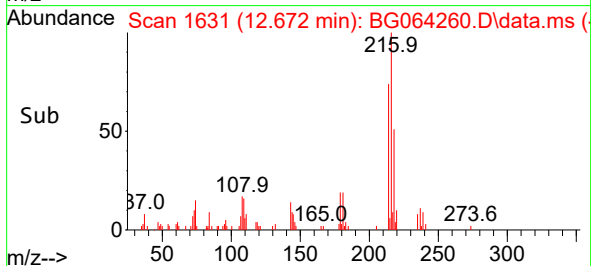
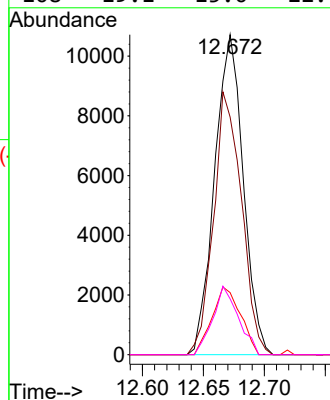
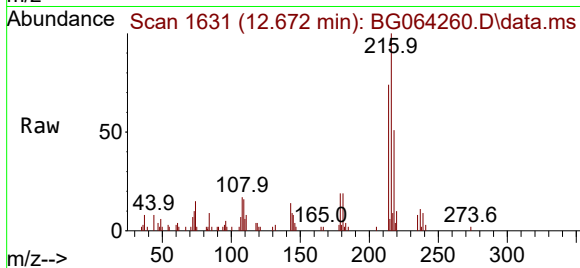
Ion Ratio Lower Upper

216 100

214 79.9 61.9 92.9

179 21.0 17.9 26.9

108 19.1 15.0 22.4



#41

Hexachlorocyclopentadiene

Concen: 8.706 ng

RT: 12.654 min Scan# 1628

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

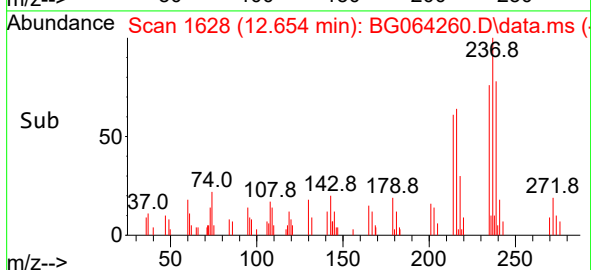
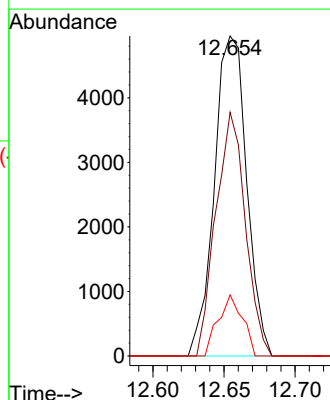
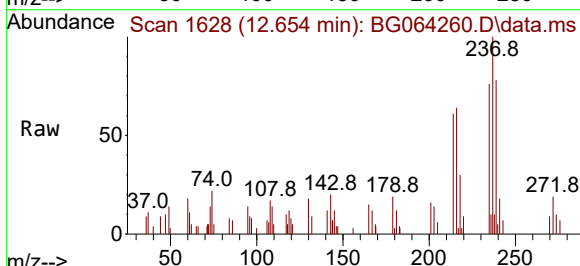
Tgt Ion:237 Resp: 7849

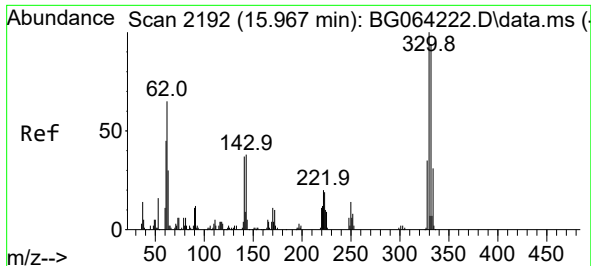
Ion Ratio Lower Upper

237 100

235 76.2 37.9 77.9

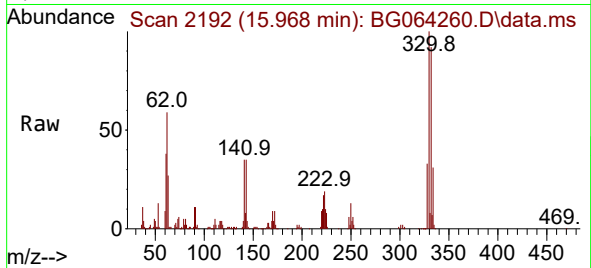
272 19.1 0.0 33.8



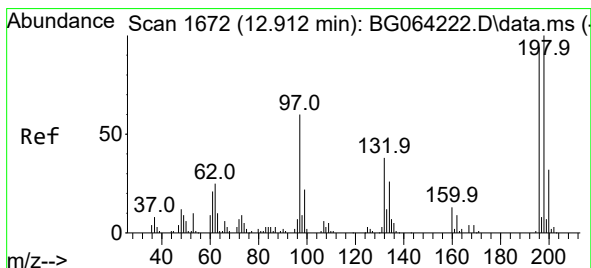
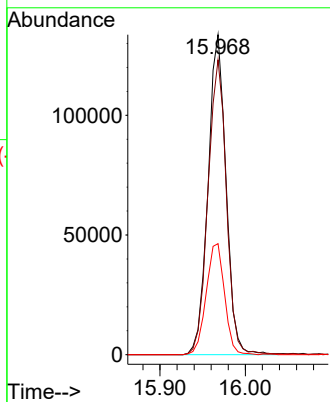
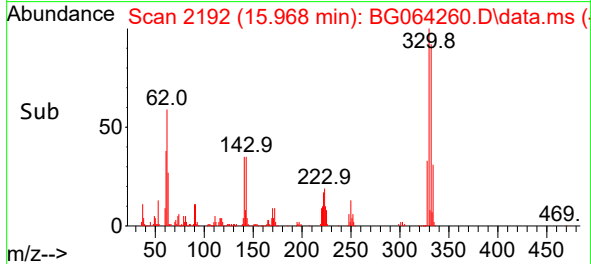


#42
2,4,6-Tribromophenol
Concen: 225.353 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

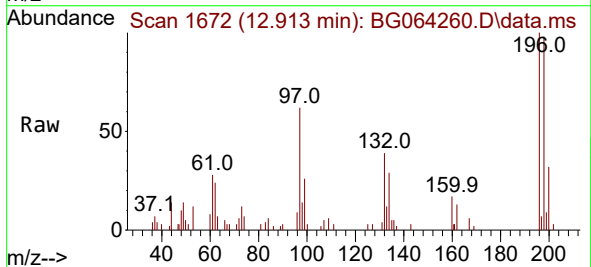
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



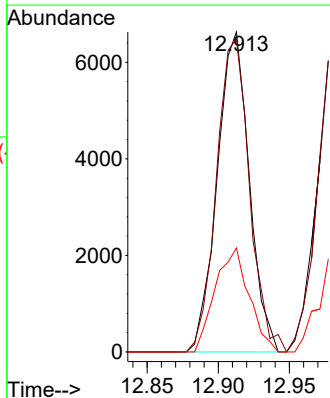
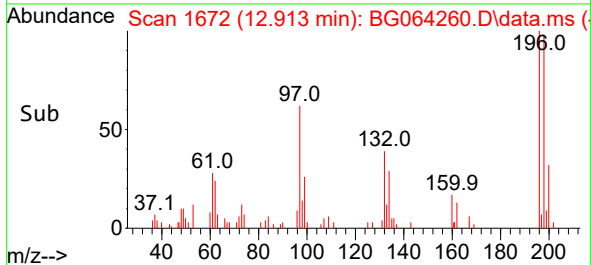
Tgt Ion:330 Resp: 196239
Ion Ratio Lower Upper
330 100
332 94.0 77.6 116.4
141 35.3 29.8 44.6

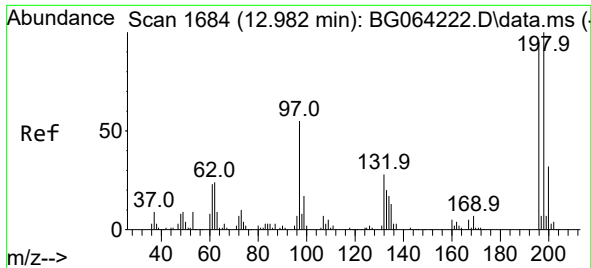


#43
2,4,6-Trichlorophenol
Concen: 8.181 ng
RT: 12.913 min Scan# 1672
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



Tgt Ion:196 Resp: 10372
Ion Ratio Lower Upper
196 100
198 97.9 85.4 128.2
200 32.5 27.3 40.9

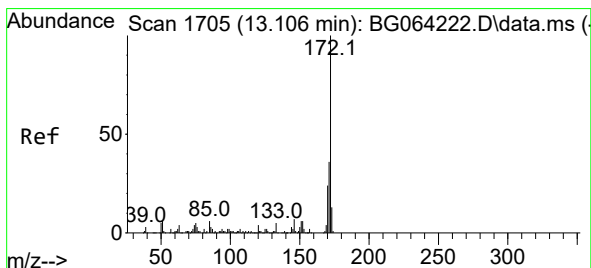
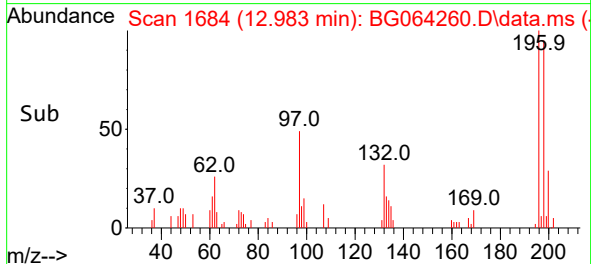
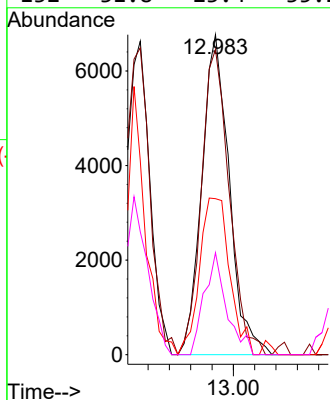
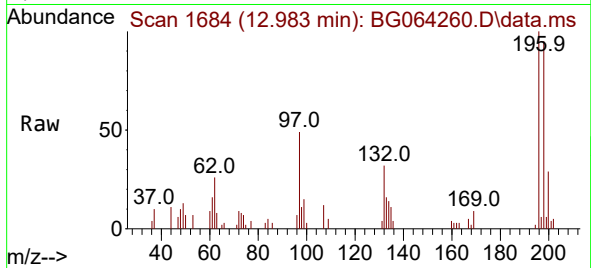




#44
2,4,5-Trichlorophenol
Concen: 8.794 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

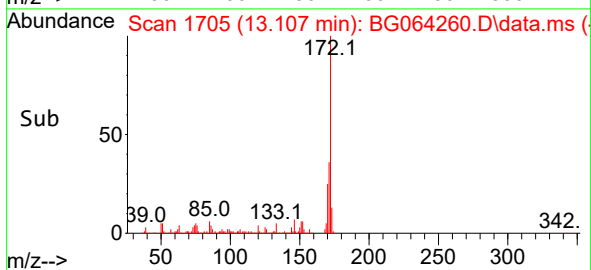
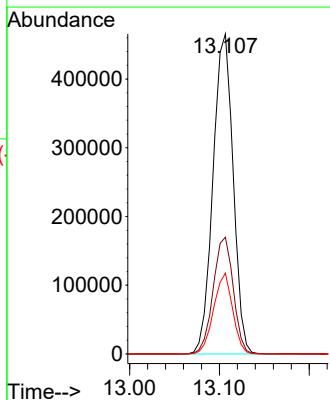
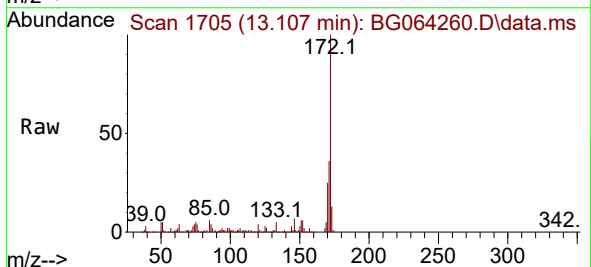
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

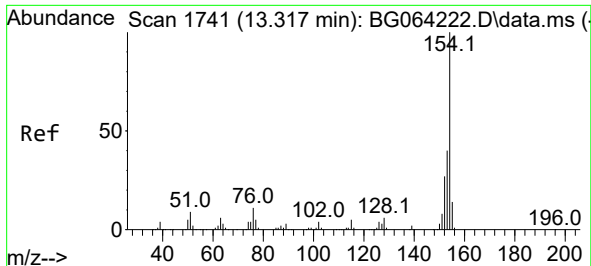
Tgt Ion:196 Resp: 12095
Ion Ratio Lower Upper
196 100
198 95.4 84.5 126.7
97 48.8 46.8 70.2
132 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 168.043 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:172 Resp: 723805
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 25.3 19.0 28.6

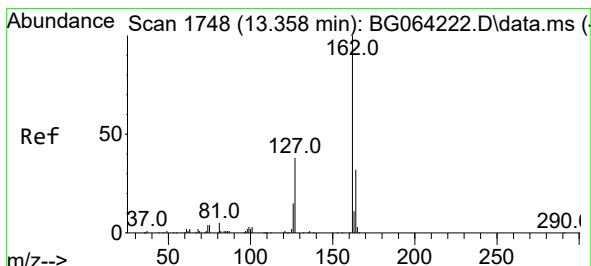
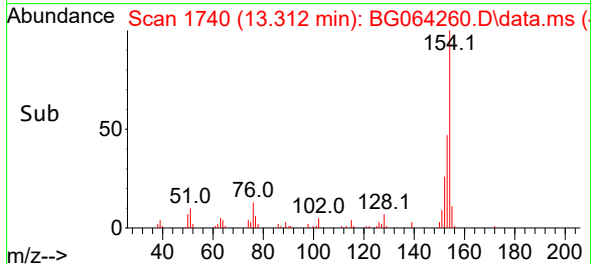
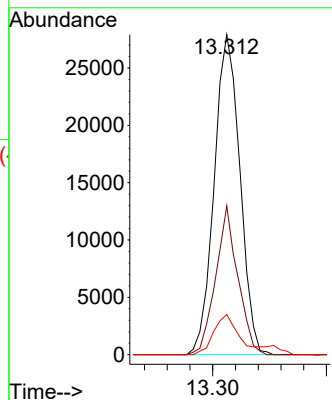
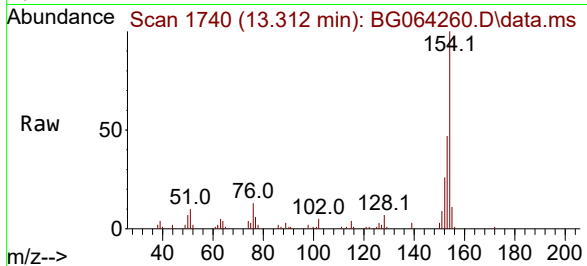




#46
1,1'-Biphenyl
Concen: 9.144 ng
RT: 13.312 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

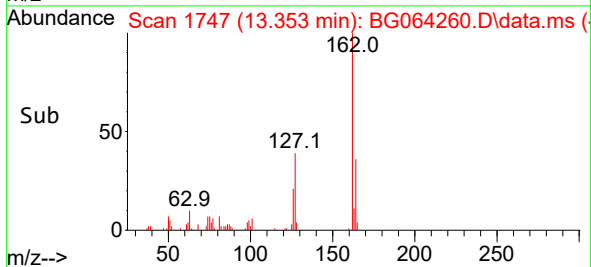
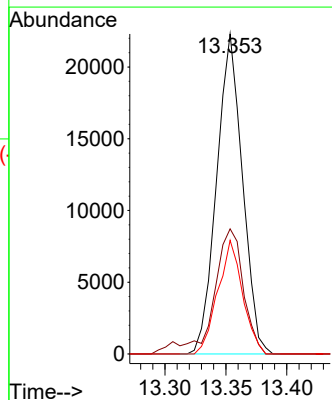
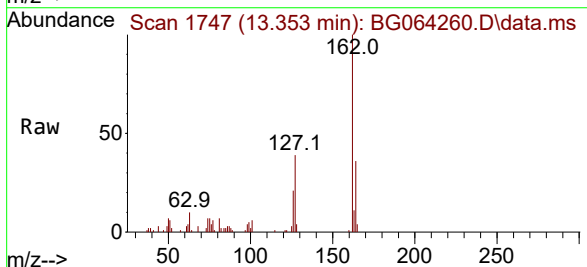
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

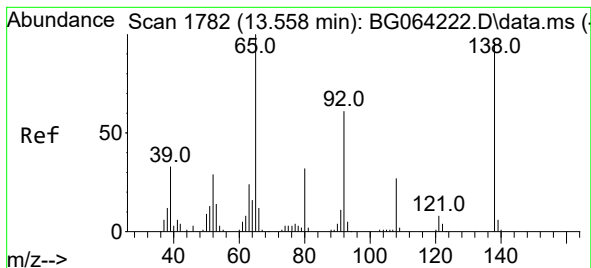
Tgt Ion:154 Resp: 43787
Ion Ratio Lower Upper
154 100
153 46.5 19.9 59.9
76 12.5 0.0 30.9



#47
2-Chloronaphthalene
Concen: 9.131 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:162 Resp: 32871
Ion Ratio Lower Upper
162 100
127 39.1 33.9 50.9
164 35.5 25.4 38.2





#48

2-Nitroaniline

Concen: 7.641 ng

RT: 13.553 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

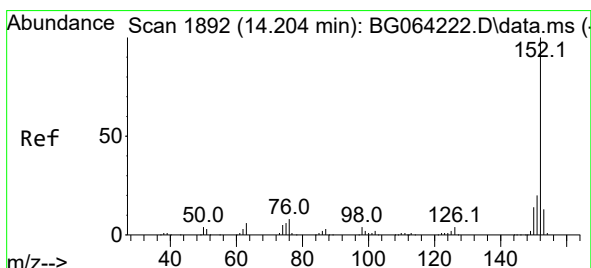
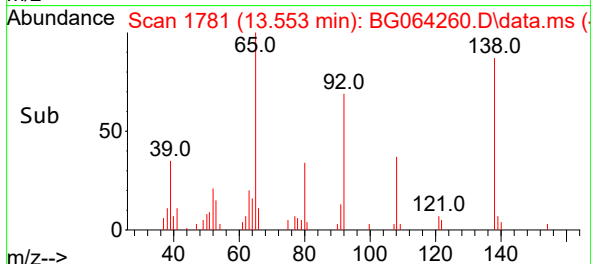
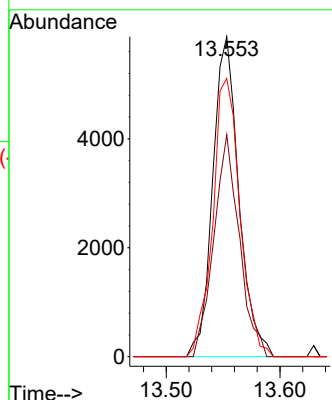
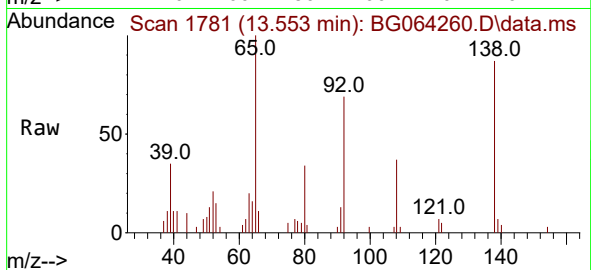
Tgt Ion: 65 Resp: 9375

Ion Ratio Lower Upper

65 100

92 69.3 49.2 73.8

138 87.0 76.8 115.2



#49

Acenaphthylene

Concen: 9.859 ng

RT: 14.199 min Scan# 1891

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

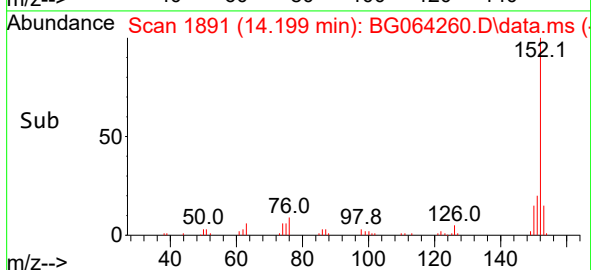
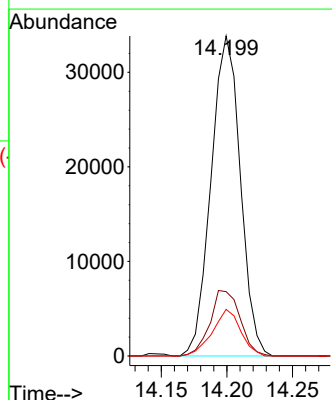
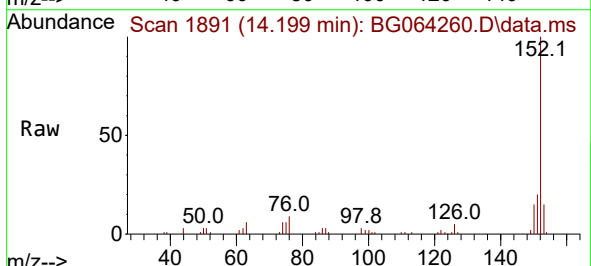
Tgt Ion:152 Resp: 52465

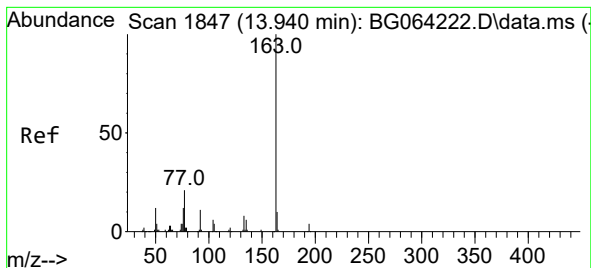
Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 14.6 10.1 15.1





#50

Dimethylphthalate

Concen: 7.816 ng

RT: 13.929 min Scan# 1845

Delta R.T. -0.017 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

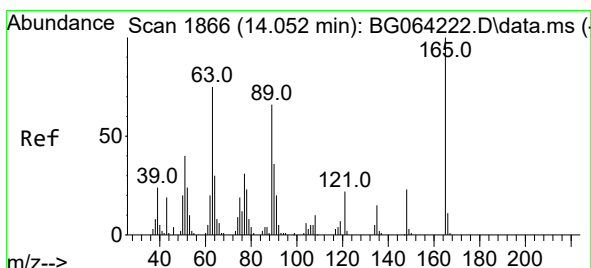
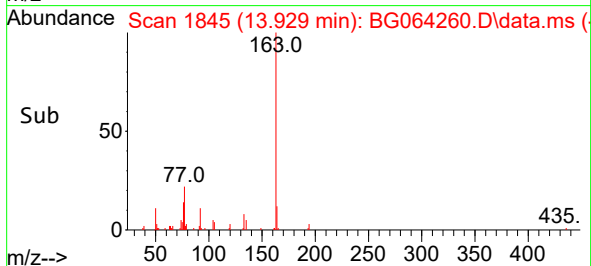
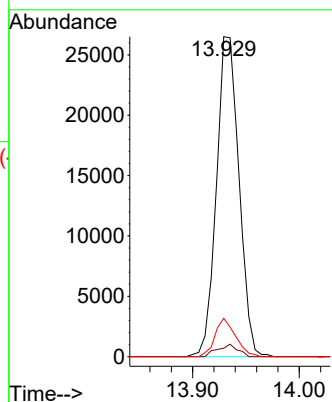
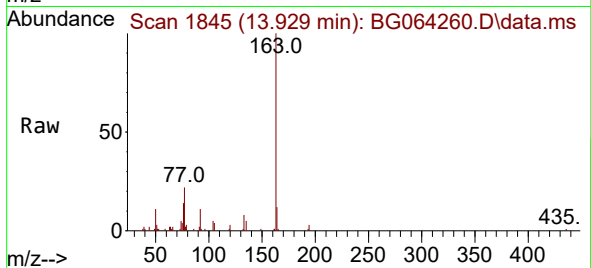
Tgt Ion:163 Resp: 38893

Ion Ratio Lower Upper

163 100

194 2.7 3.0 4.4#

164 12.0 7.9 11.9#



#51

2,6-Dinitrotoluene

Concen: 8.086 ng

RT: 14.047 min Scan# 1865

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

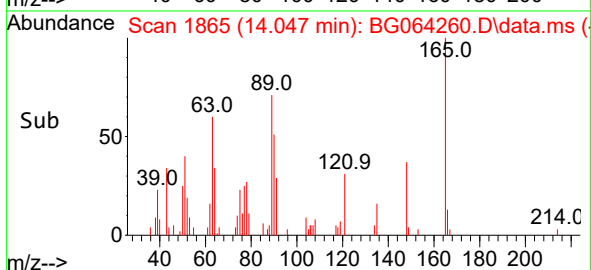
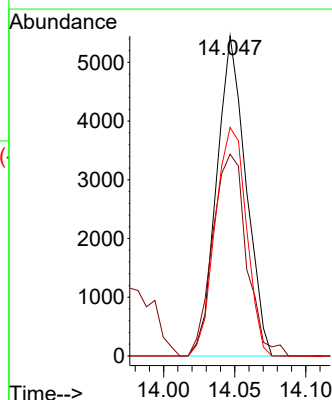
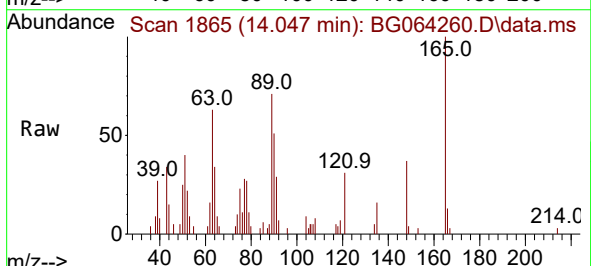
Tgt Ion:165 Resp: 7790

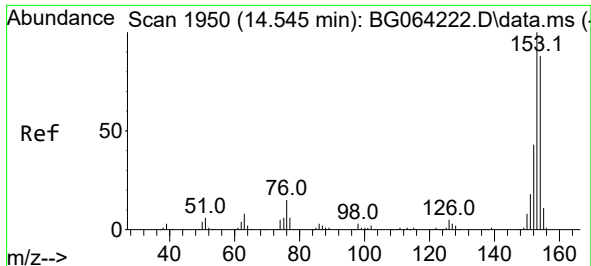
Ion Ratio Lower Upper

165 100

63 63.0 60.3 90.5

89 71.4 52.9 79.3

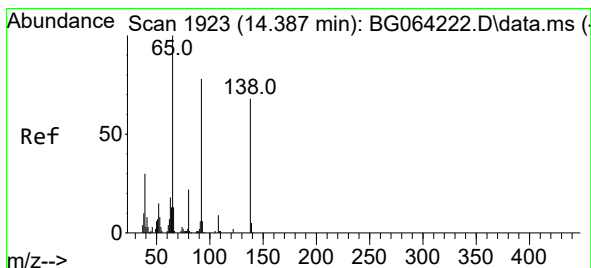
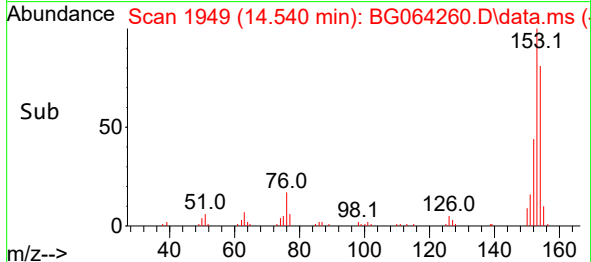
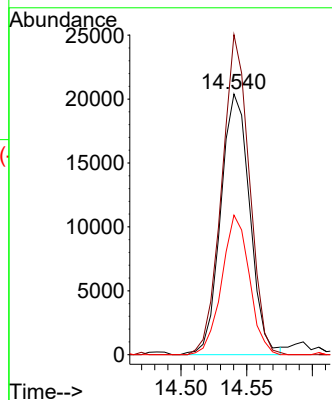
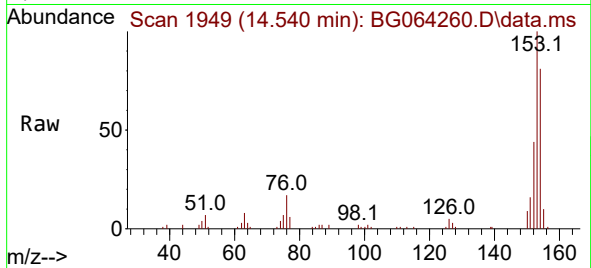




#52
Acenaphthene
Concen: 8.367 ng
RT: 14.540 min Scan# 1950
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

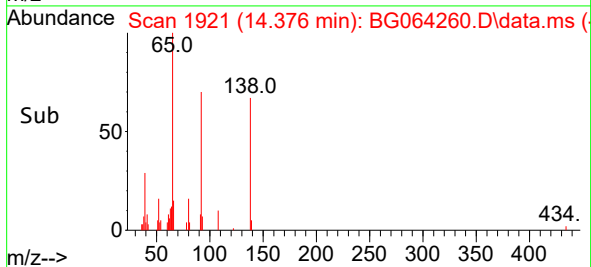
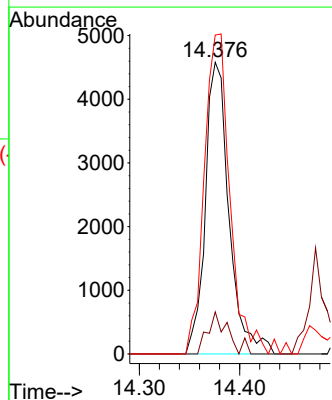
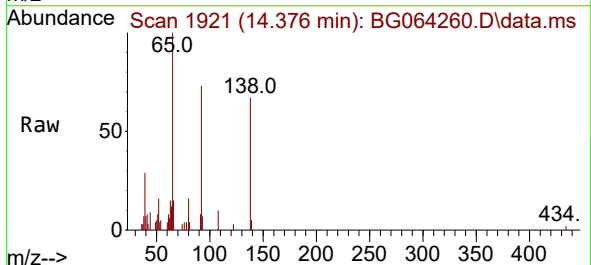
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

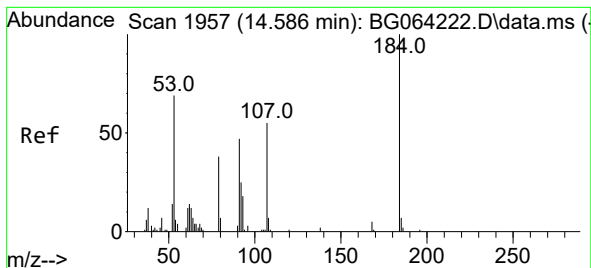
Tgt Ion:154 Resp: 31421
Ion Ratio Lower Upper
154 100
153 122.8 91.1 136.7
152 53.5 39.6 59.4



#53
3-Nitroaniline
Concen: 7.482 ng
RT: 14.376 min Scan# 1921
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

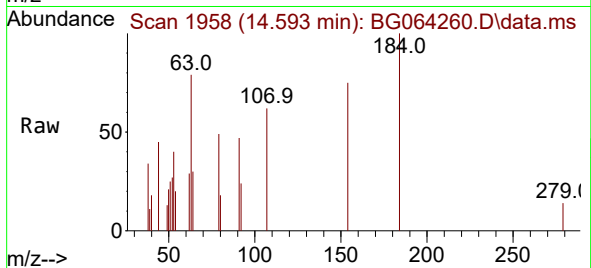
Tgt Ion:138 Resp: 7550
Ion Ratio Lower Upper
138 100
108 14.4 11.0 16.6
92 109.3 91.4 137.0



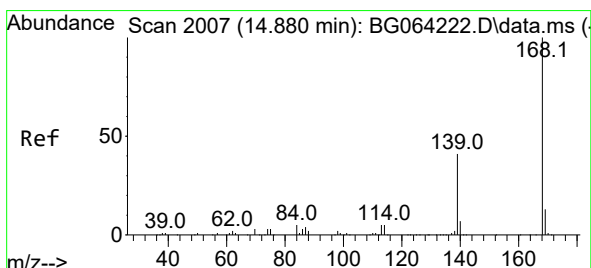
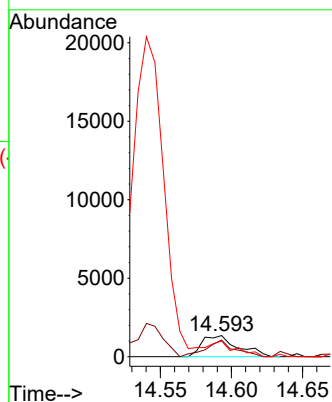
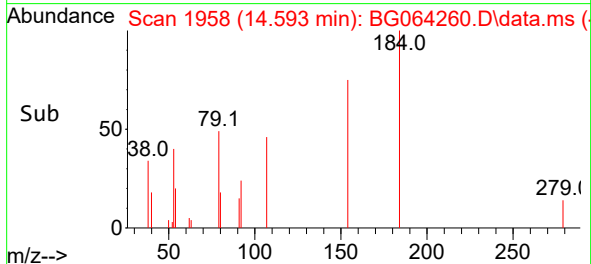


#54
2,4-Dinitrophenol
Concen: 9.114 ng
RT: 14.593 min Scan# 1958
Delta R.T. 0.001 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

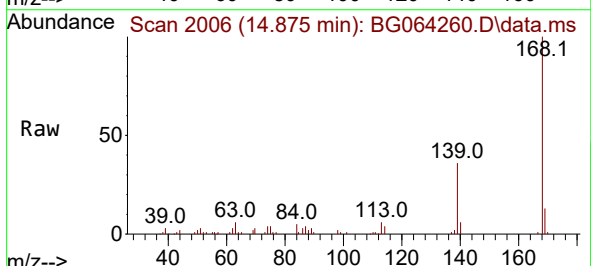
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025



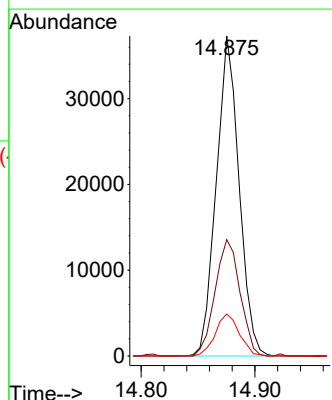
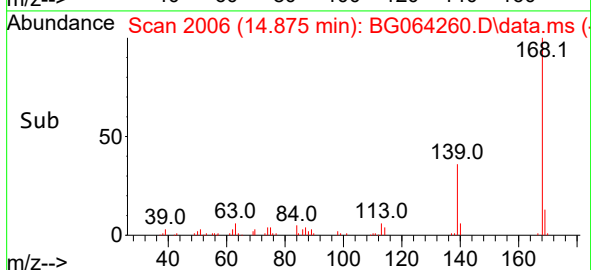
Tgt Ion:184 Resp: 2345
Ion Ratio Lower Upper
184 100
63 79.1 60.1 90.1
154 74.5 59.8 89.8

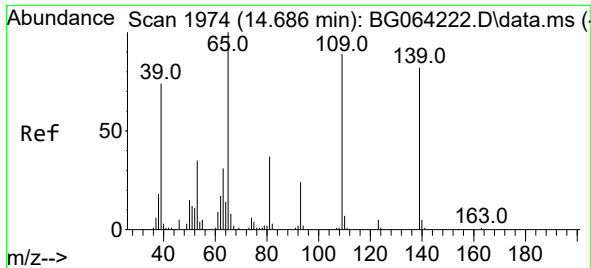


#55
Dibenzofuran
Concen: 8.784 ng
RT: 14.875 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11



Tgt Ion:168 Resp: 51887
Ion Ratio Lower Upper
168 100
139 36.3 33.2 49.8
169 13.1 10.4 15.6

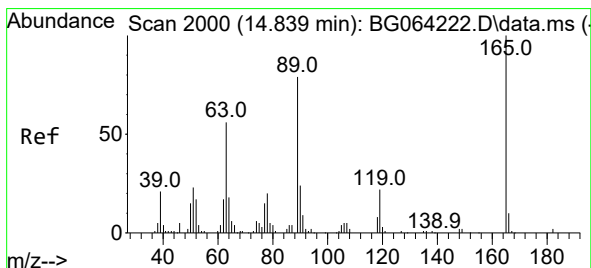
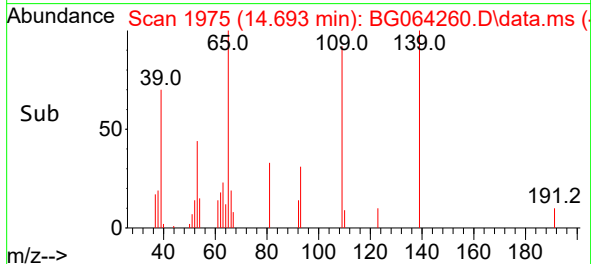
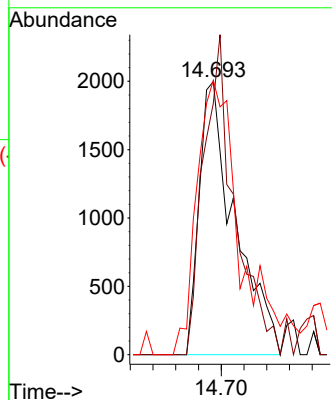
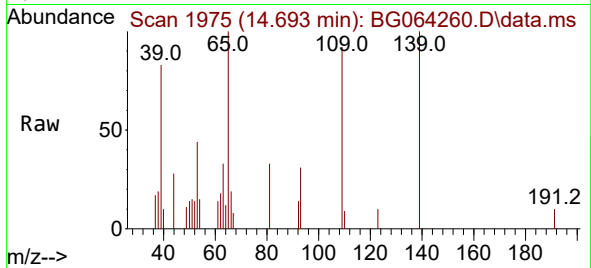




#56
4-Nitrophenol
Concen: 5.255 ng
RT: 14.693 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

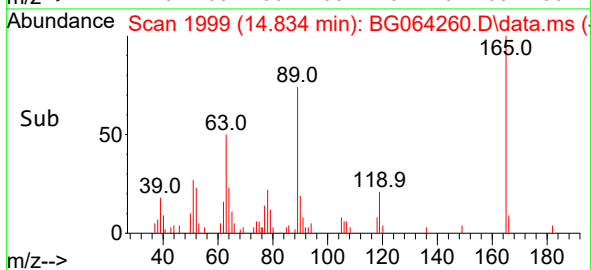
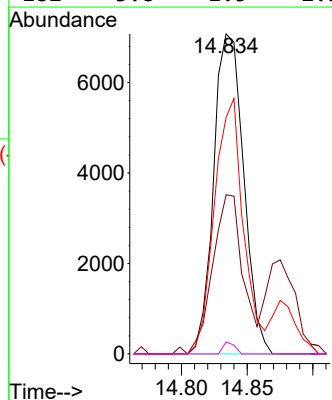
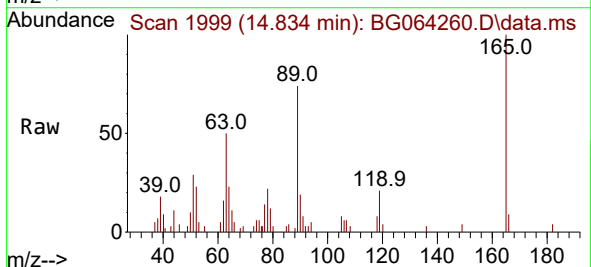
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

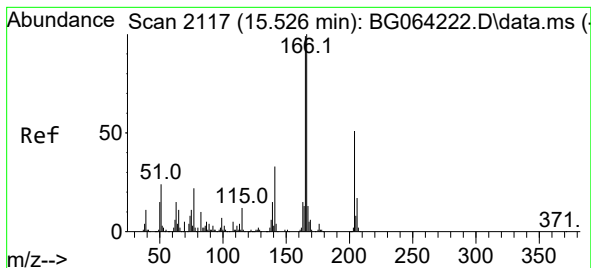
Tgt Ion:139 Resp: 4350
Ion Ratio Lower Upper
139 100
109 92.0 89.1 129.1
65 100.5 102.9 142.9#



#57
2,4-Dinitrotoluene
Concen: 7.706 ng
RT: 14.834 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:165 Resp: 11225
Ion Ratio Lower Upper
165 100
63 49.7 44.6 67.0
89 73.9 63.0 94.4
182 3.8 1.5 2.3#





#58

Fluorene

Concen: 8.650 ng

RT: 15.527 min Scan# 2117

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

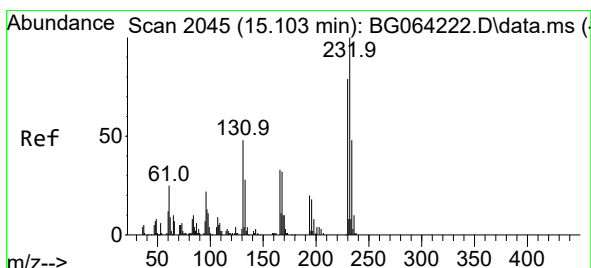
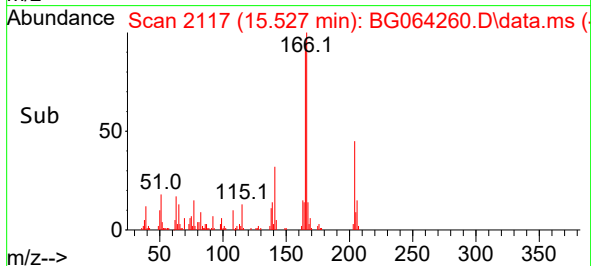
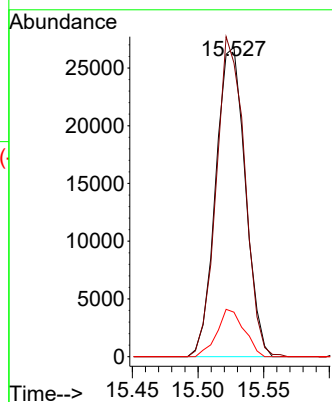
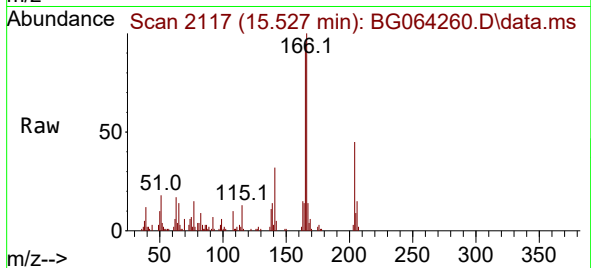
Tgt Ion:166 Resp: 41879

Ion Ratio Lower Upper

166 100

165 95.0 79.1 118.7

167 14.4 10.2 15.4



#59

2,3,4,6-Tetrachlorophenol

Concen: 8.133 ng

RT: 15.104 min Scan# 2045

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Tgt Ion:232 Resp: 10758

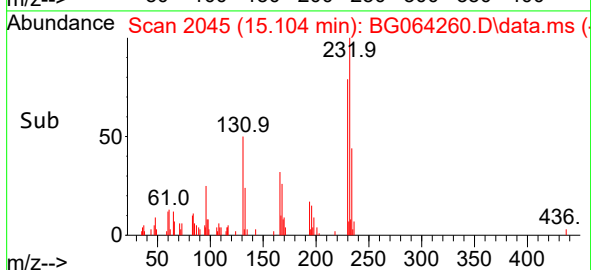
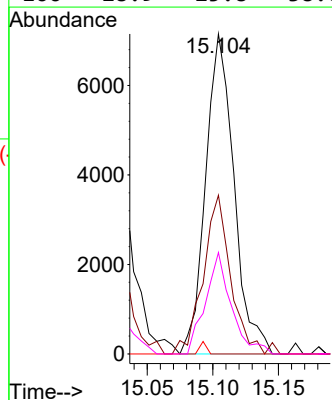
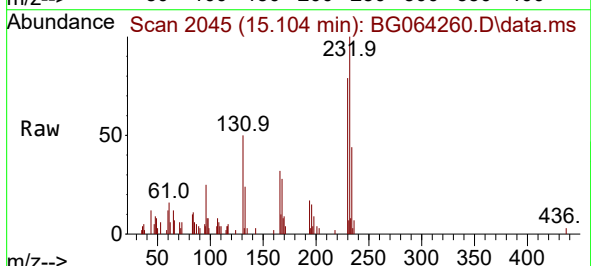
Ion Ratio Lower Upper

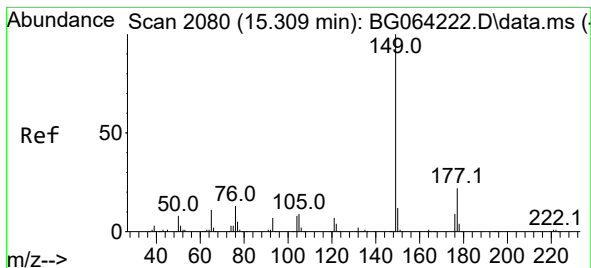
232 100

131 48.5 37.1 55.7

130 0.9 2.6 3.8#

166 28.9 25.8 38.6





#60

Diethylphthalate

Concen: 7.588 ng

RT: 15.298 min Scan# 2080

Delta R.T. -0.017 min

Lab File: BG064260.D

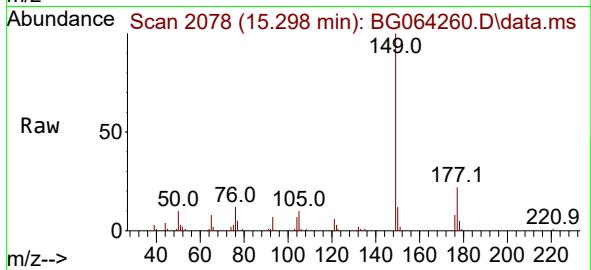
Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



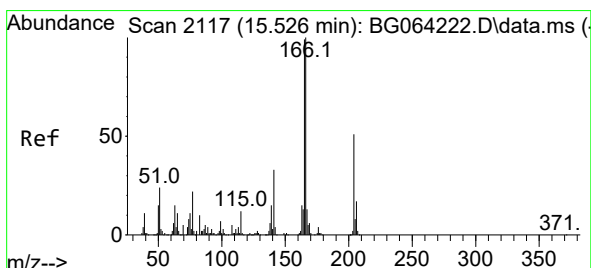
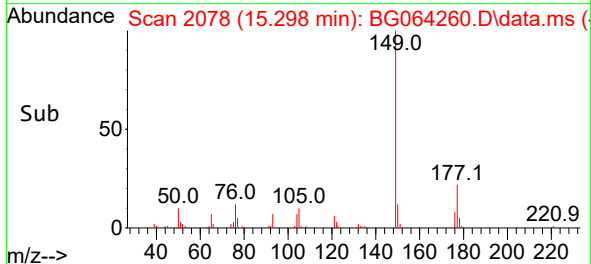
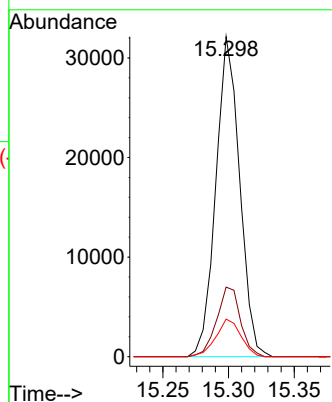
Tgt Ion:149 Resp: 40412

Ion Ratio Lower Upper

149 100

177 21.8 17.5 26.3

150 11.8 9.9 14.9



#61

4-Chlorophenyl-phenylether

Concen: 8.746 ng

RT: 15.521 min Scan# 2116

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

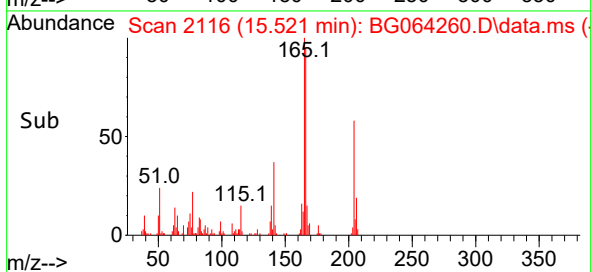
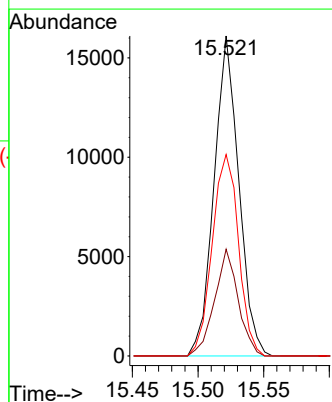
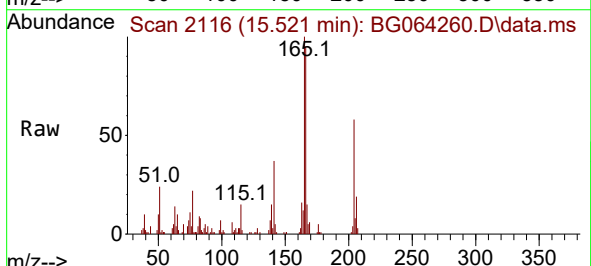
Tgt Ion:204 Resp: 21111

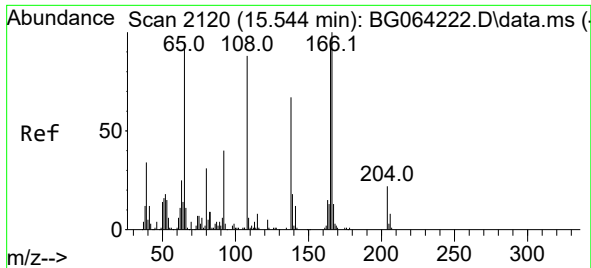
Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.4

141 63.0 51.9 77.9

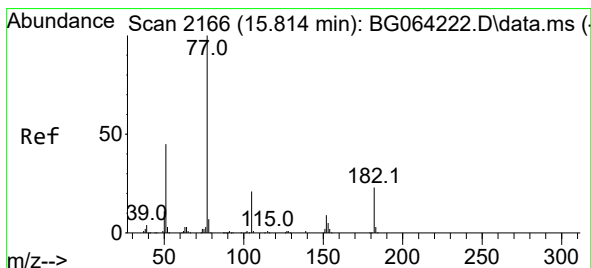
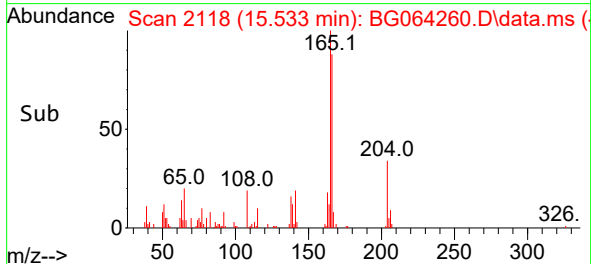
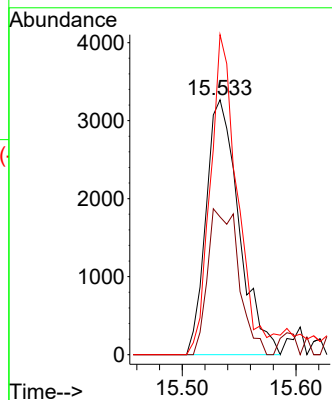
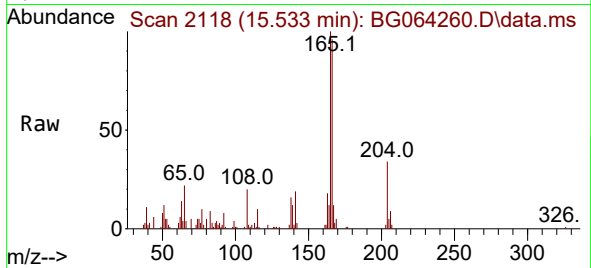




#62
4-Nitroaniline
Concen: 6.393 ng
RT: 15.533 min Scan# 2118
Delta R.T. -0.023 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

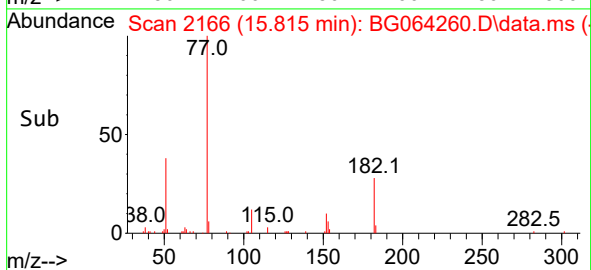
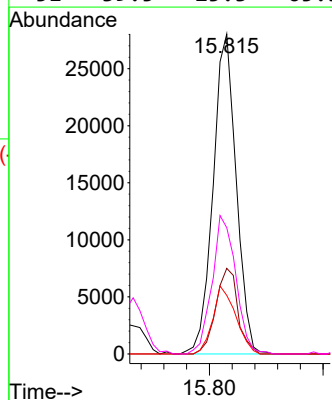
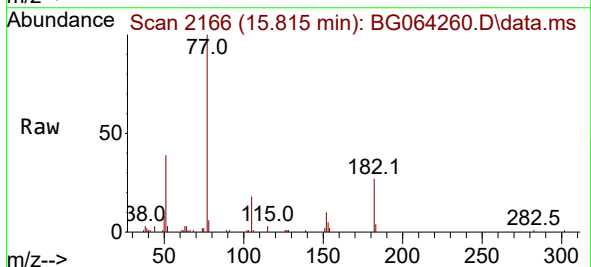
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

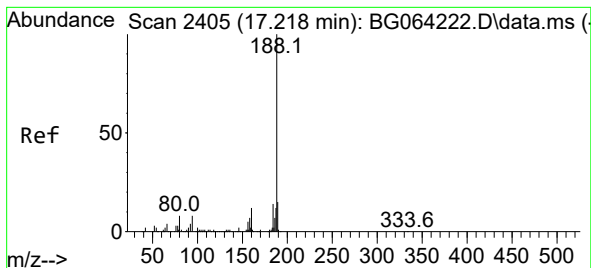
Tgt Ion:138 Resp: 6583
Ion Ratio Lower Upper
138 100
92 54.0 39.1 79.1
108 125.5 111.3 151.3



#63
Azobenzene
Concen: 8.334 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion: 77 Resp: 39560
Ion Ratio Lower Upper
77 100
182 26.7 3.3 43.3
105 18.3 0.6 40.6
51 39.5 25.3 65.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 2405

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

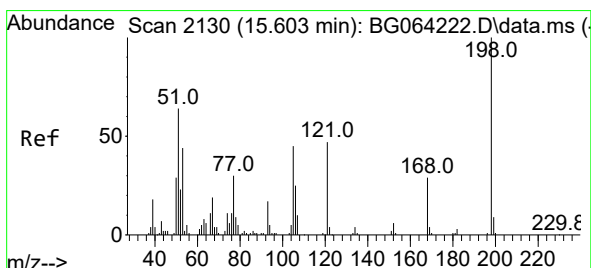
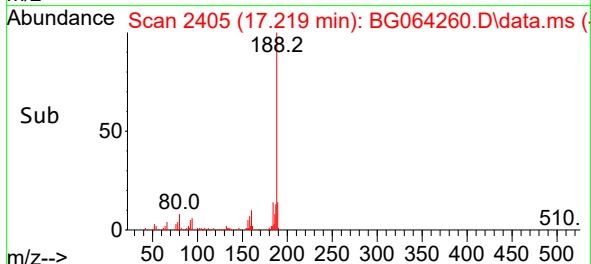
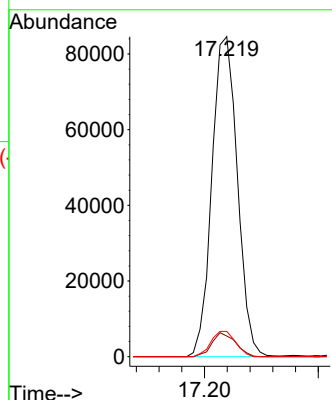
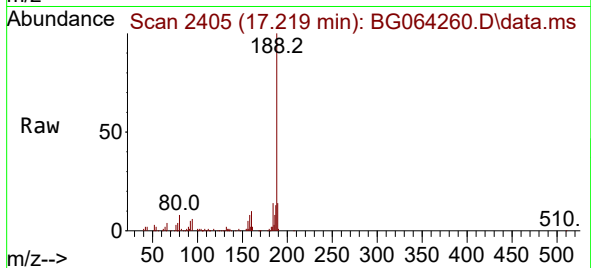
Tgt Ion:188 Resp: 131776

Ion Ratio Lower Upper

188 100

94 6.4 6.2 9.4

80 7.9 6.8 10.2



#65

4,6-Dinitro-2-methylphenol

Concen: 6.482 ng

RT: 15.598 min Scan# 2129

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

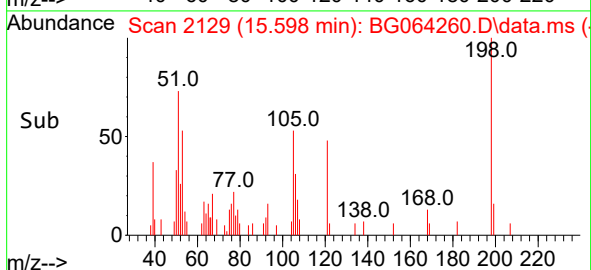
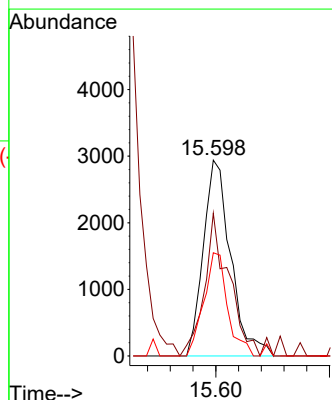
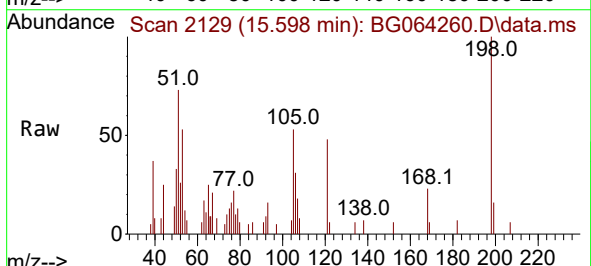
Tgt Ion:198 Resp: 4904

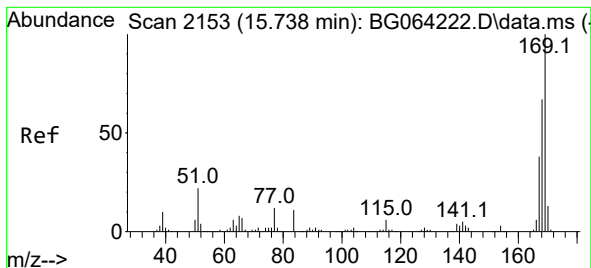
Ion Ratio Lower Upper

198 100

51 72.9 46.2 86.2

105 52.7 25.0 65.0





#66

n-Nitrosodiphenylamine

Concen: 9.478 ng

RT: 15.733 min Scan# 2153

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

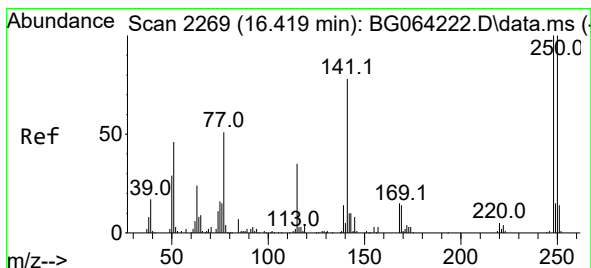
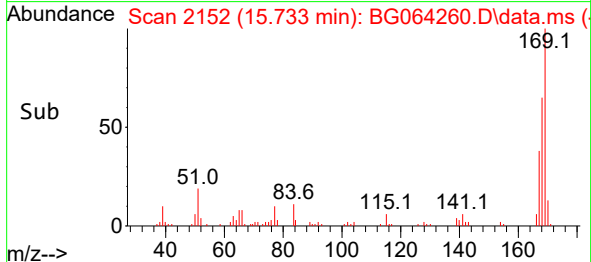
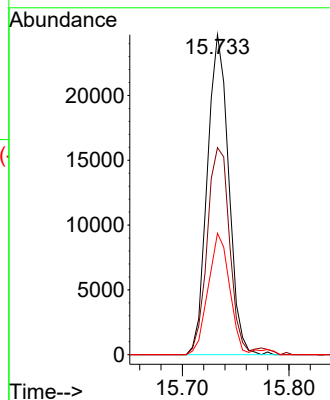
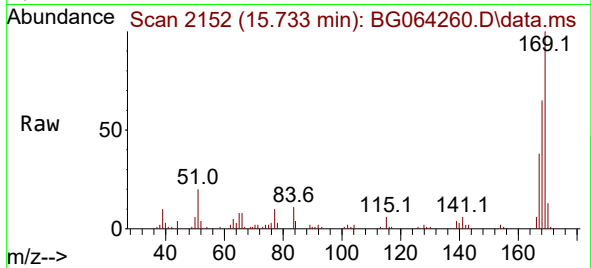
Tgt Ion:169 Resp: 34358

Ion Ratio Lower Upper

169 100

168 64.7 53.8 80.8

167 37.9 30.2 45.2



#67

4-Bromophenyl-phenylether

Concen: 9.390 ng

RT: 16.415 min Scan# 2268

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

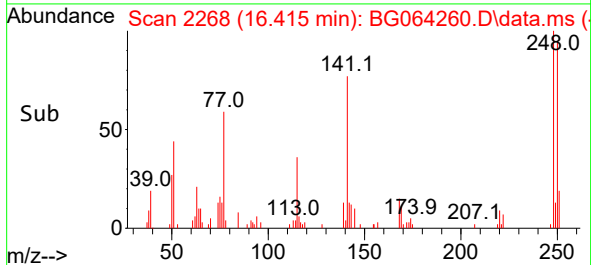
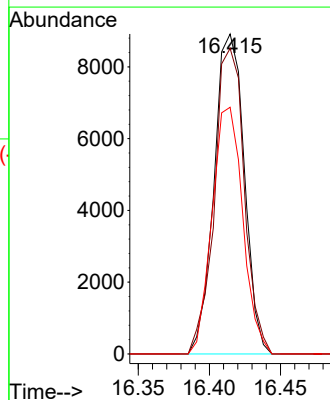
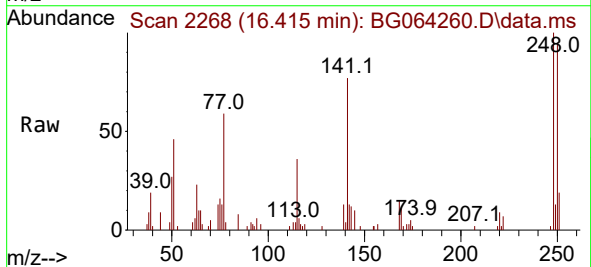
Tgt Ion:248 Resp: 13143

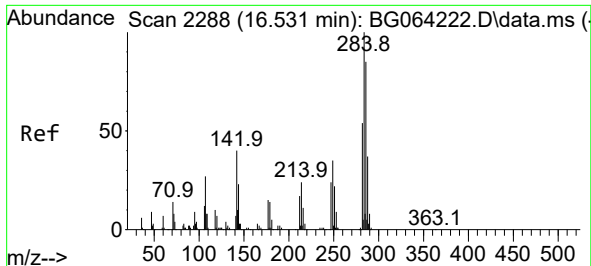
Ion Ratio Lower Upper

248 100

250 95.5 80.2 120.4

141 77.1 62.4 93.6

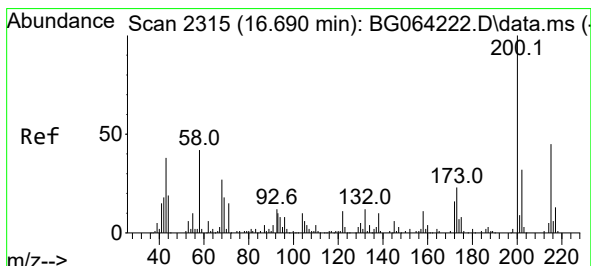
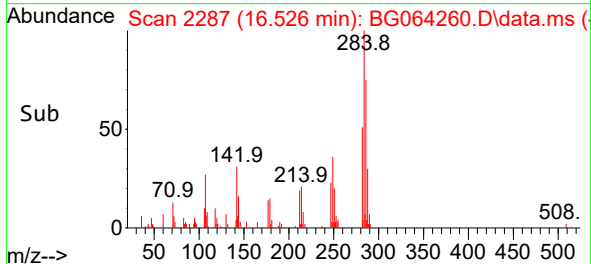
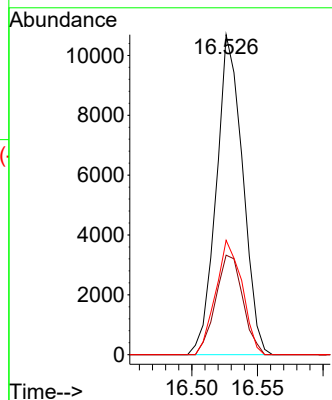
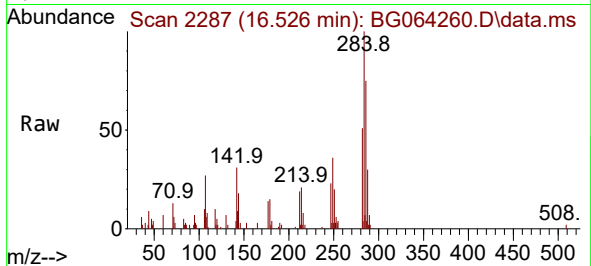




#68
Hexachlorobenzene
Concen: 9.594 ng
RT: 16.526 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

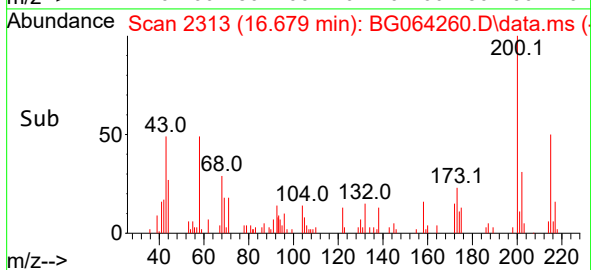
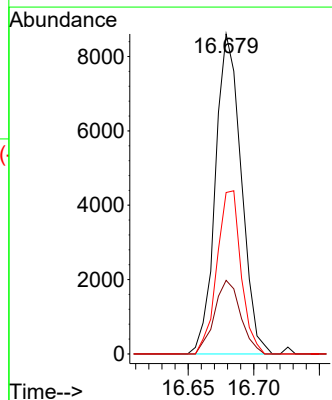
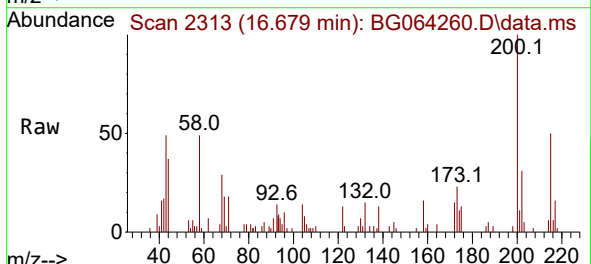
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

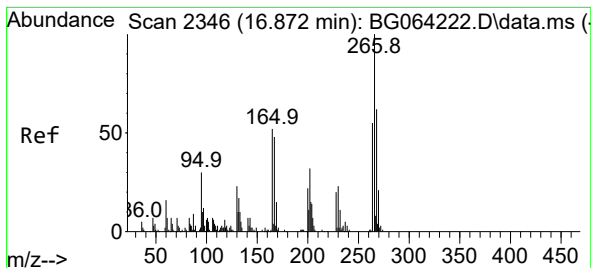
Tgt Ion:284 Resp: 14912
Ion Ratio Lower Upper
284 100
142 31.1 32.1 48.1#
249 35.7 28.3 42.5



#69
Atrazine
Concen: 7.770 ng
RT: 16.679 min Scan# 2313
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:200 Resp: 11761
Ion Ratio Lower Upper
200 100
173 23.0 3.5 43.5
215 50.4 24.8 64.8





#70

Pentachlorophenol

Concen: 6.629 ng

RT: 16.873 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

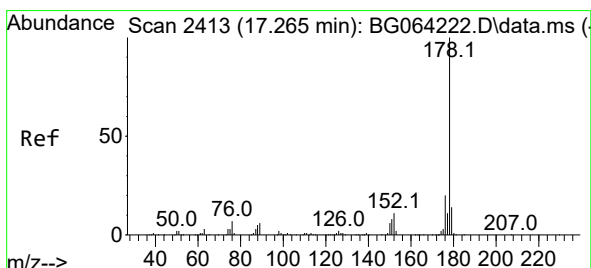
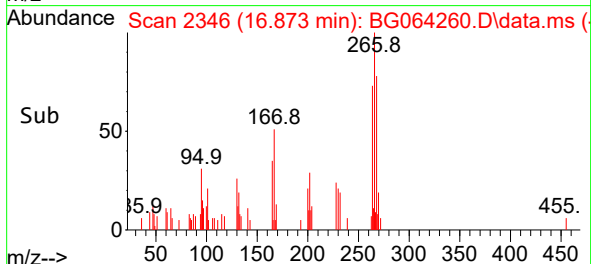
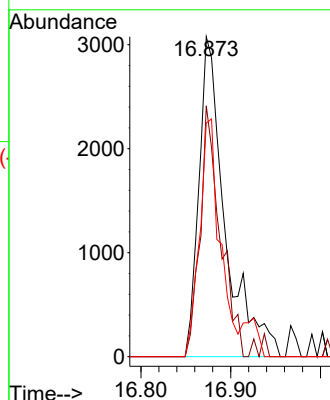
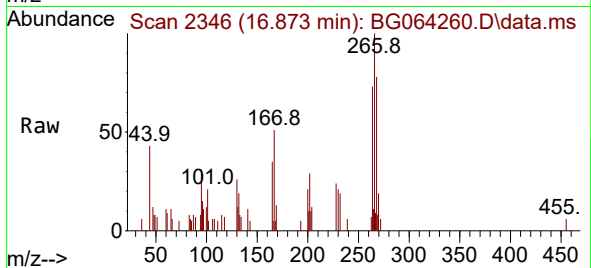
Tgt Ion:266 Resp: 6247

Ion Ratio Lower Upper

266 100

268 78.4 49.4 74.0#

264 73.1 44.3 66.5#



#71

Phenanthrene

Concen: 8.846 ng

RT: 17.261 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

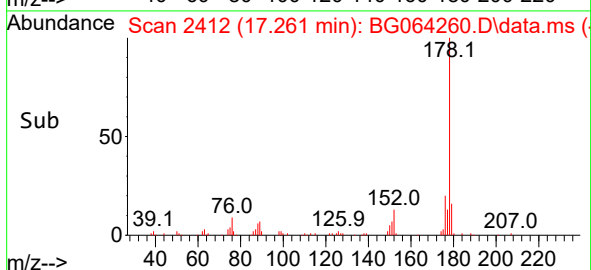
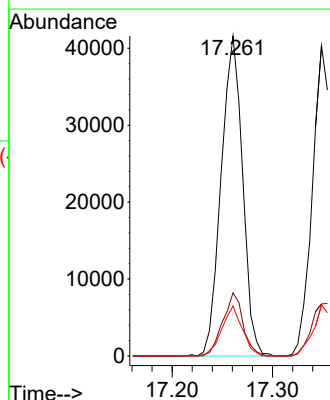
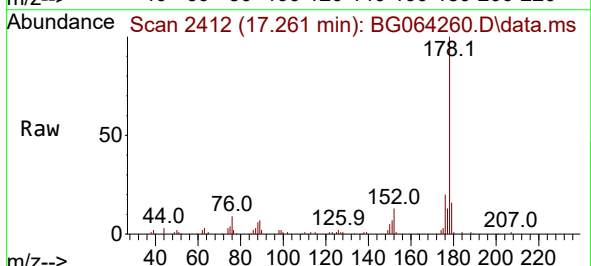
Tgt Ion:178 Resp: 61485

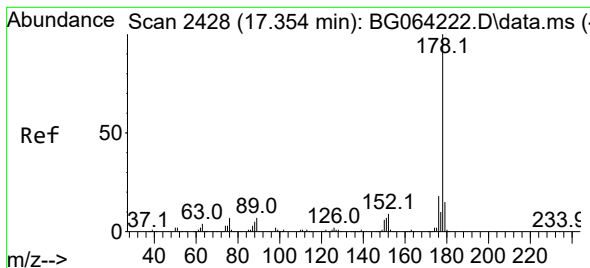
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 15.6 11.4 17.2





#72

Anthracene

Concen: 8.369 ng

RT: 17.349 min Scan# 2427

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

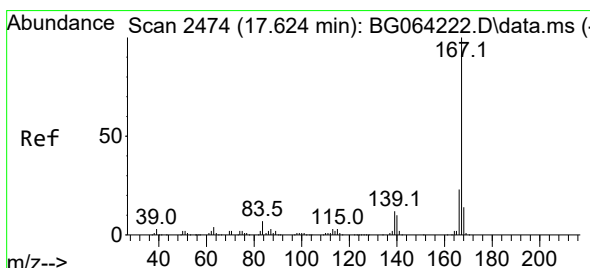
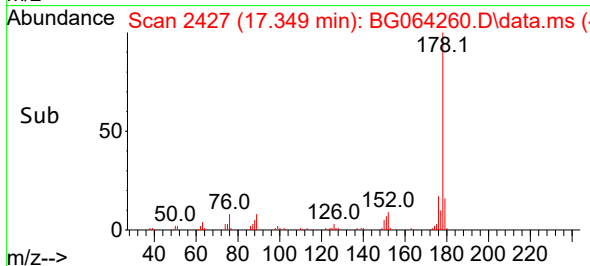
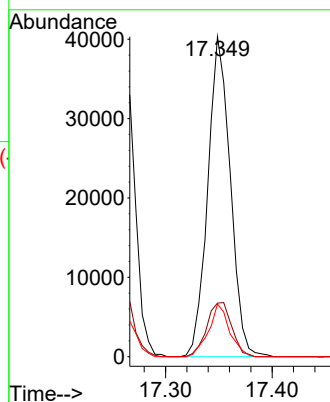
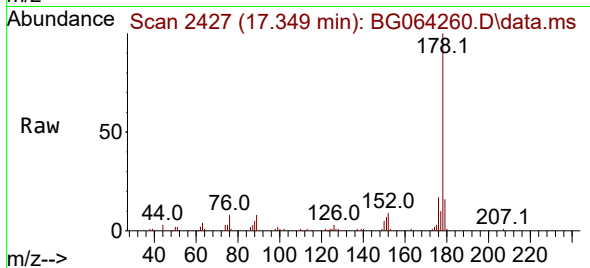
Tgt Ion:178 Resp: 59169

Ion Ratio Lower Upper

178 100

176 16.7 14.7 22.1

179 16.4 12.1 18.1



#73

Carbazole

Concen: 8.172 ng

RT: 17.619 min Scan# 2473

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

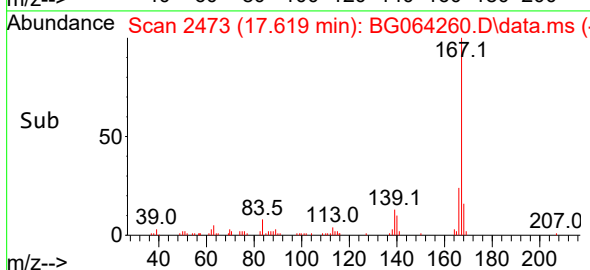
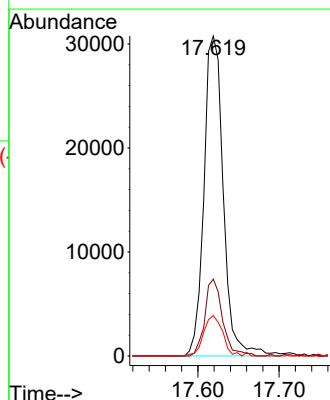
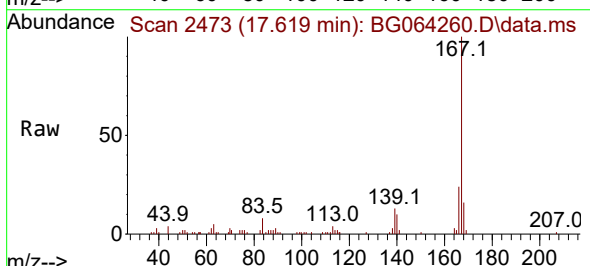
Tgt Ion:167 Resp: 50898

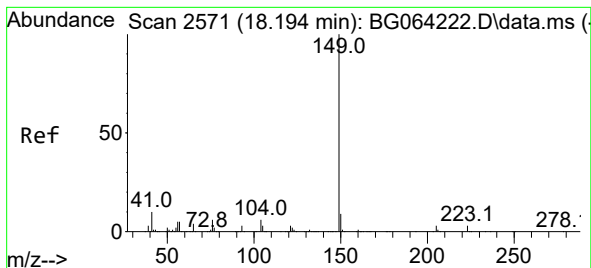
Ion Ratio Lower Upper

167 100

166 24.0 18.2 27.2

139 12.6 9.8 14.6





#74

Di-n-butylphthalate

Concen: 8.025 ng

RT: 18.189 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

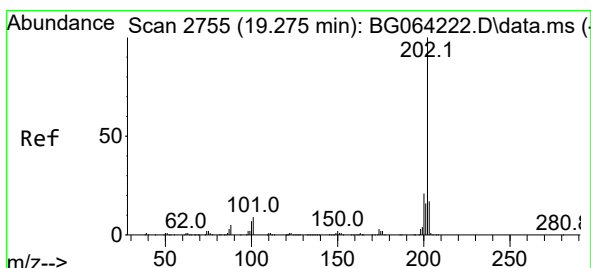
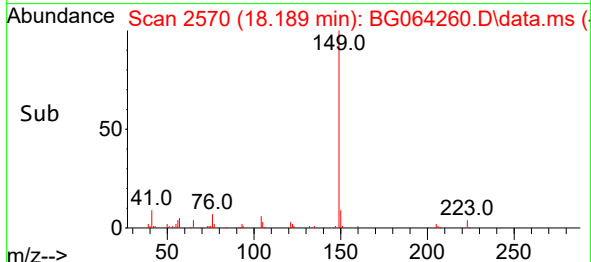
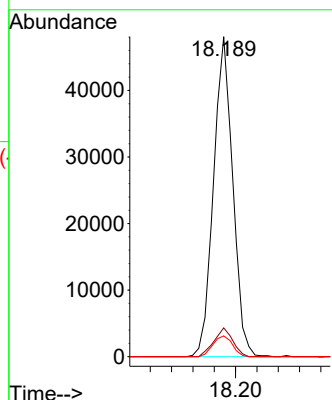
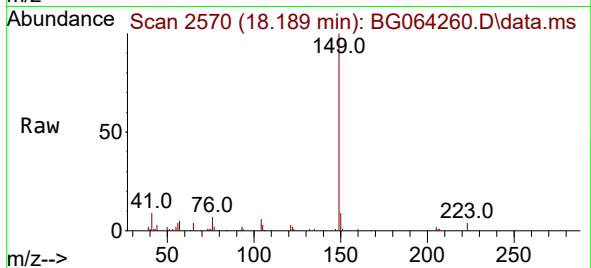
Tgt Ion:149 Resp: 60045

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 6.5 4.6 7.0



#75

Fluoranthene

Concen: 8.118 ng

RT: 19.270 min Scan# 2754

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

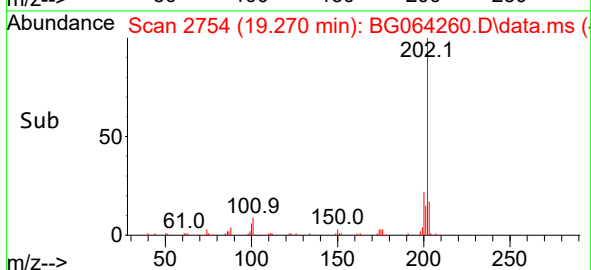
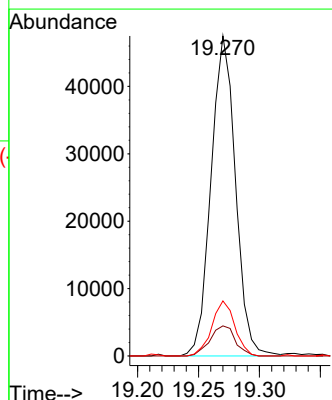
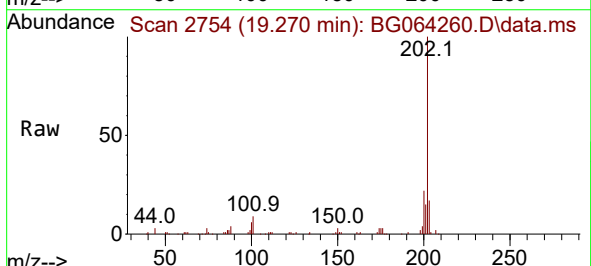
Tgt Ion:202 Resp: 66340

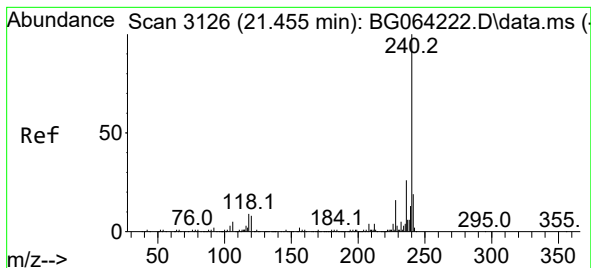
Ion Ratio Lower Upper

202 100

101 9.4 0.0 28.7

203 17.2 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3126

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

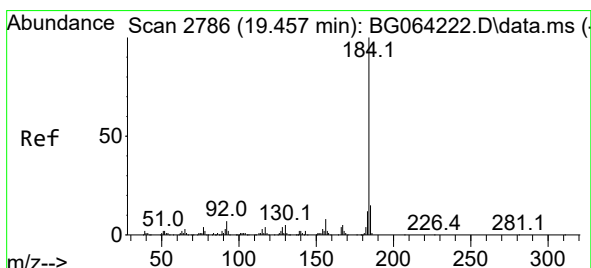
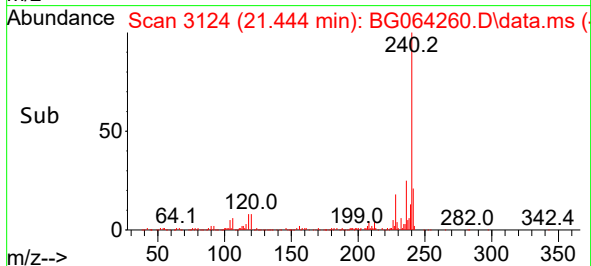
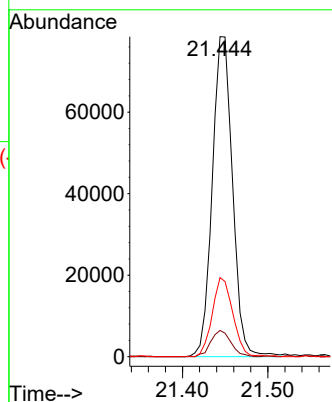
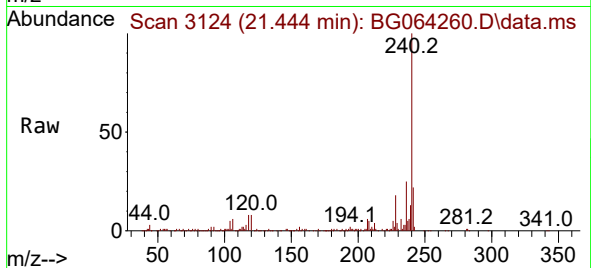
Tgt Ion:240 Resp: 129612

Ion Ratio Lower Upper

240 100

120 8.2 6.2 9.4

236 24.7 20.5 30.7



#77

Benzidine

Concen: 9.547 ng

RT: 19.458 min Scan# 2786

Delta R.T. 0.001 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

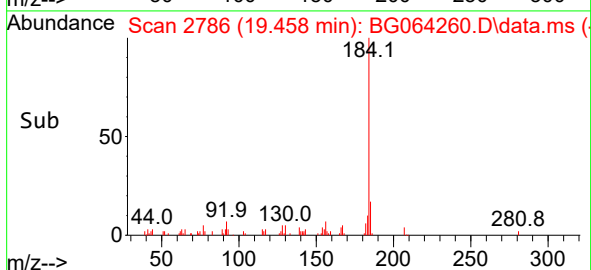
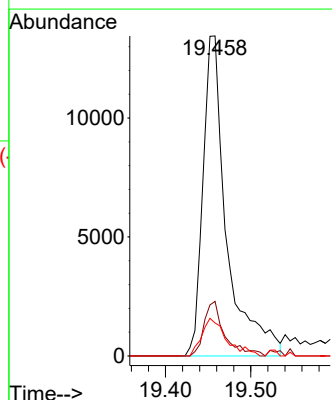
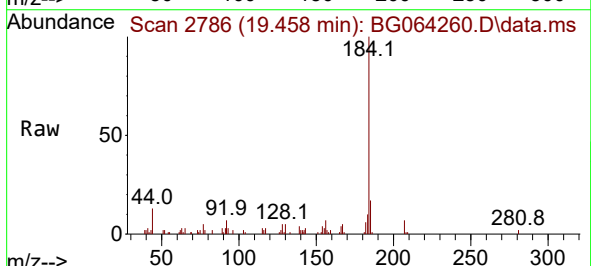
Tgt Ion:184 Resp: 26030

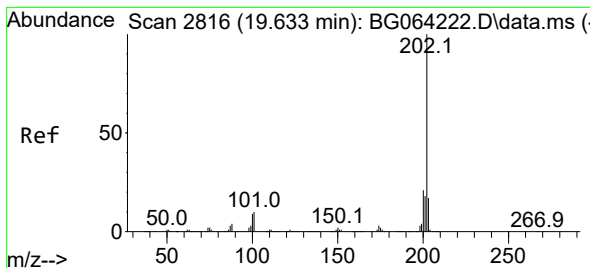
Ion Ratio Lower Upper

184 100

185 17.0 11.7 17.5

183 10.3 9.7 14.5





#78

Pyrene

Concen: 8.696 ng

RT: 19.628 min Scan# 2

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

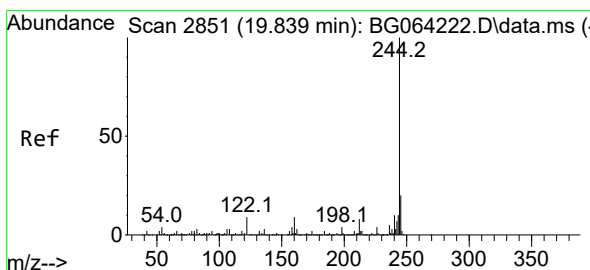
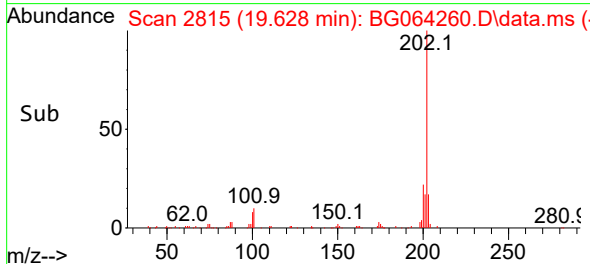
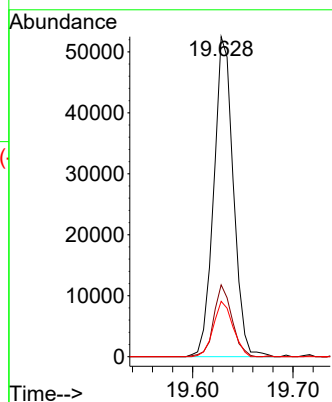
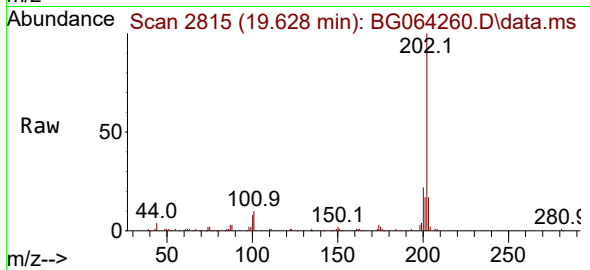
Tgt Ion:202 Resp: 71007

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

203 17.3 13.8 20.8



#79

Terphenyl-d14

Concen: 169.753 ng

RT: 19.840 min Scan# 2851

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

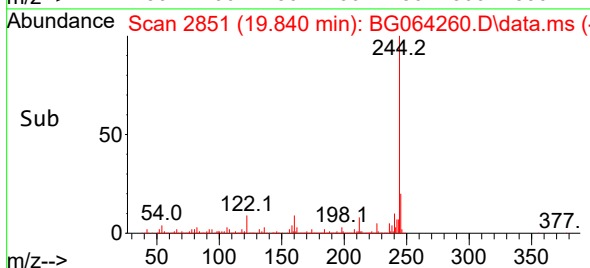
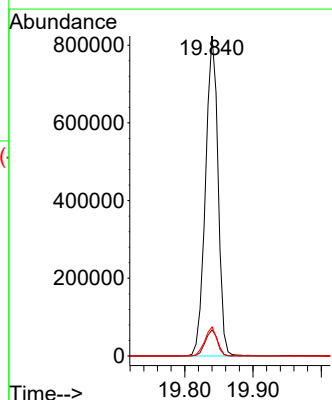
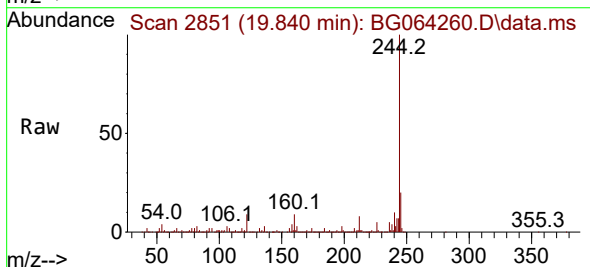
Tgt Ion:244 Resp: 1054571

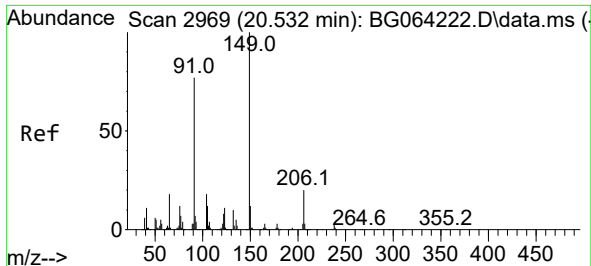
Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

122 9.1 7.0 10.6

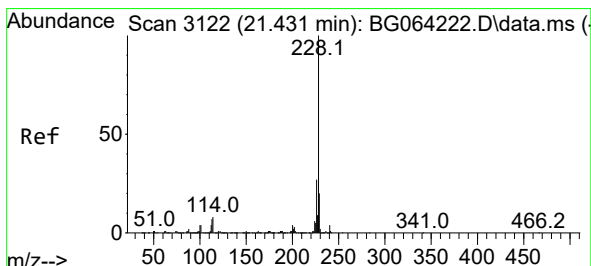
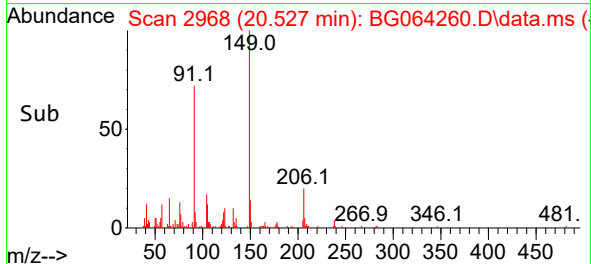
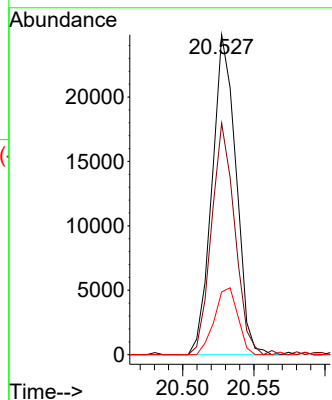
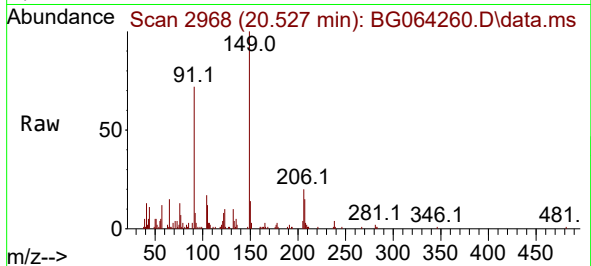




#80
Butylbenzylphthalate
Concen: 9.418 ng
RT: 20.527 min Scan# 2968
Delta R.T. -0.005 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

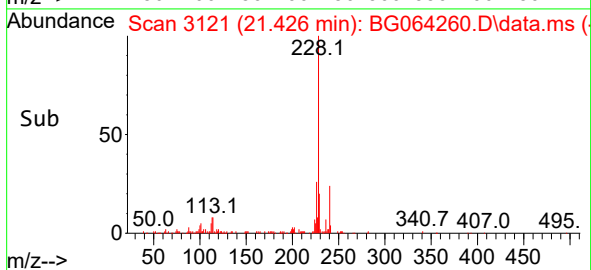
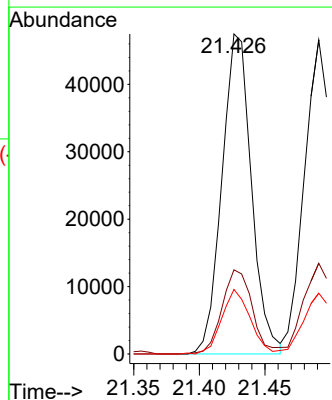
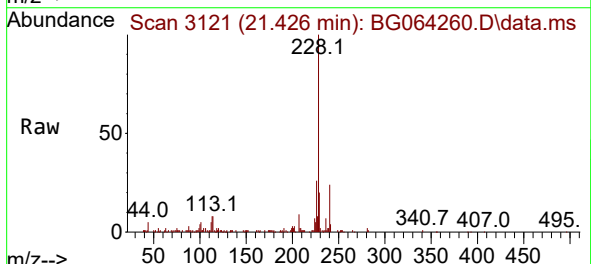
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

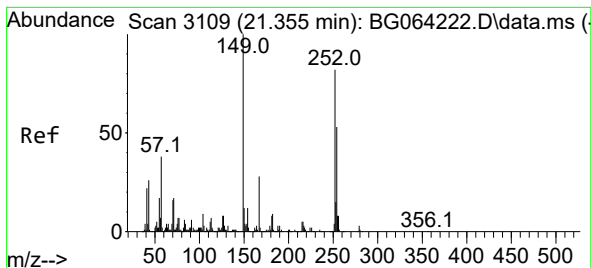
Tgt Ion:149 Resp: 29007
Ion Ratio Lower Upper
149 100
91 72.3 61.4 92.0
206 19.6 15.8 23.6



#81
Benzo(a)anthracene
Concen: 8.969 ng
RT: 21.426 min Scan# 3121
Delta R.T. -0.011 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:228 Resp: 74373
Ion Ratio Lower Upper
228 100
226 26.3 21.7 32.5
229 20.2 15.9 23.9





#82

3,3'-Dichlorobenzidine

Concen: 9.288 ng

RT: 21.356 min Scan# 3109

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

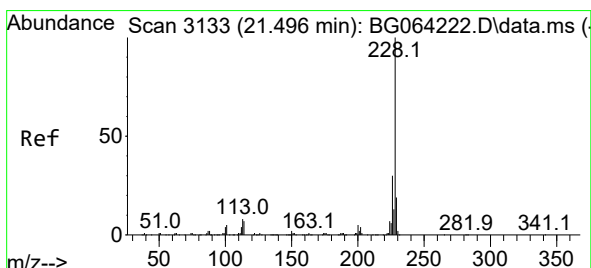
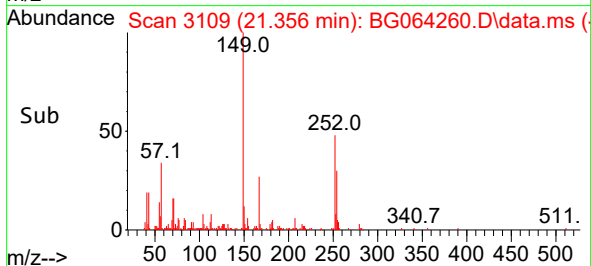
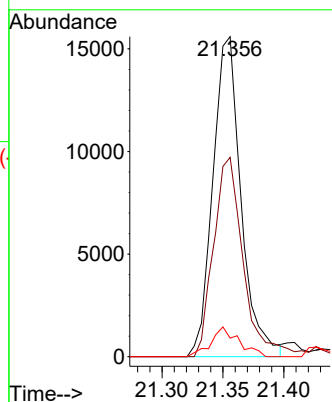
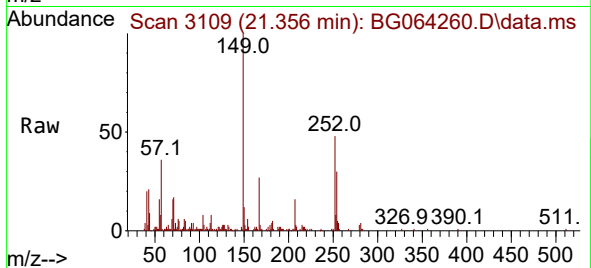
Tgt Ion:252 Resp: 25082

Ion Ratio Lower Upper

252 100

254 62.3 51.9 77.9

126 5.8 7.6 11.4#



#83

Chrysene

Concen: 9.107 ng

RT: 21.491 min Scan# 3132

Delta R.T. -0.011 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

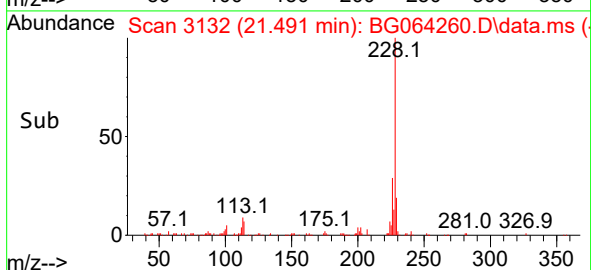
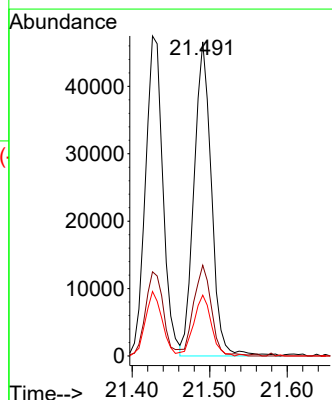
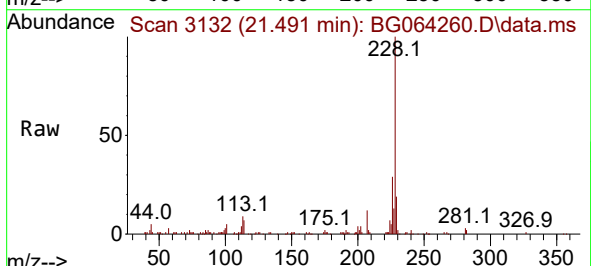
Tgt Ion:228 Resp: 72494

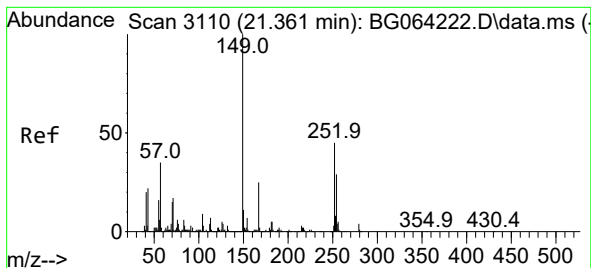
Ion Ratio Lower Upper

228 100

226 28.9 24.2 36.2

229 19.4 15.4 23.2

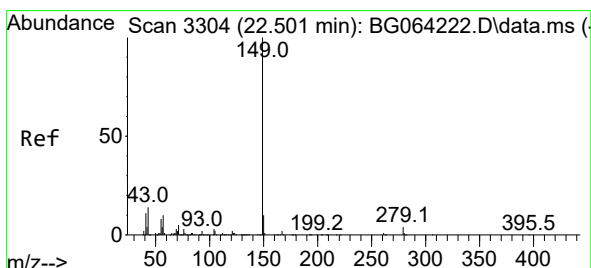
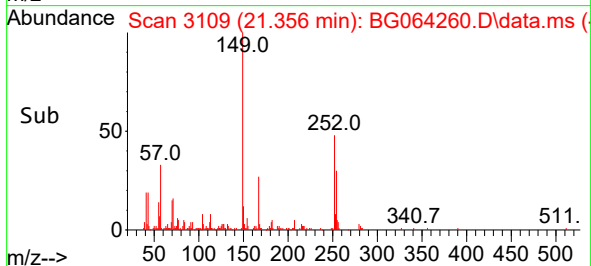
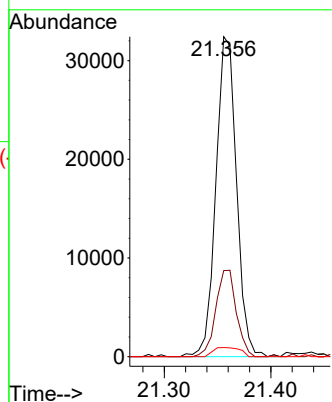
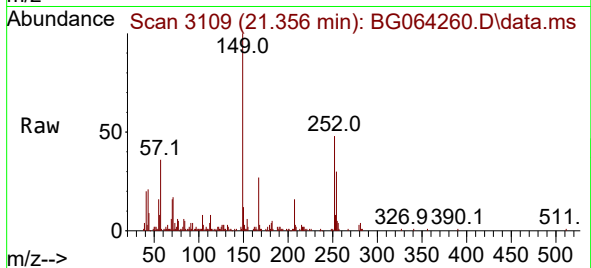




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.414 ng
 RT: 21.356 min Scan# 3110
 Delta R.T. -0.011 min
 Lab File: BG064260.D
 Acq: 3 Sep 2025 19:11

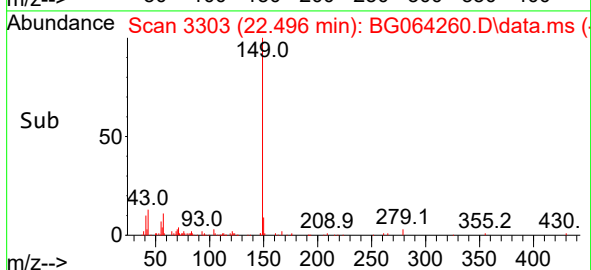
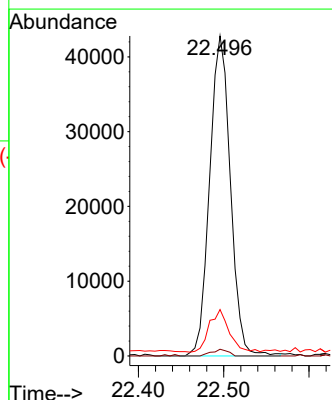
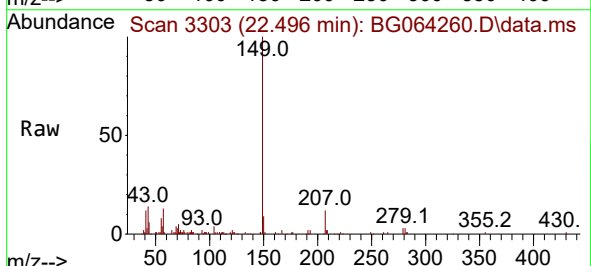
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

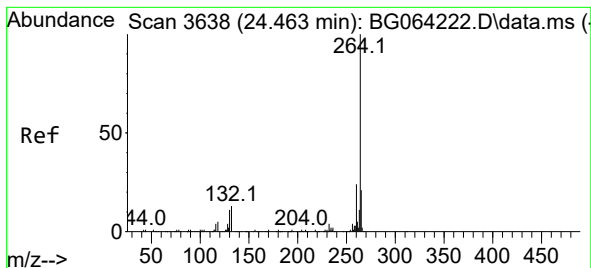
Tgt Ion:149 Resp: 43529
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.0 30.0
 279 2.8 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 9.002 ng
 RT: 22.496 min Scan# 3303
 Delta R.T. -0.011 min
 Lab File: BG064260.D
 Acq: 3 Sep 2025 19:11

Tgt Ion:149 Resp: 72527
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 12.8 10.8 16.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.458 min Scan# 3

Delta R.T. -0.005 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

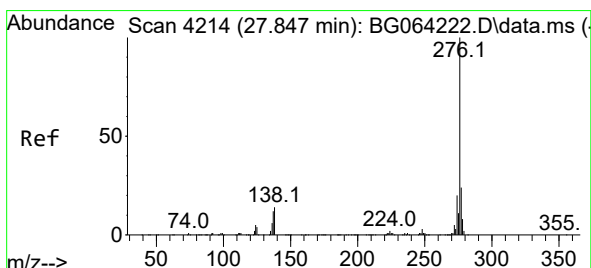
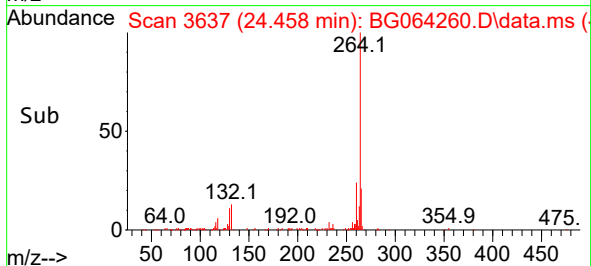
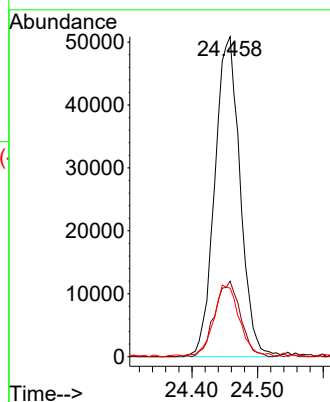
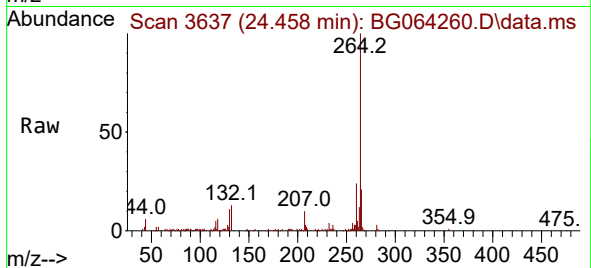
Tgt Ion:264 Resp: 136108

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.4 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 8.920 ng

RT: 27.819 min Scan# 4209

Delta R.T. -0.052 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

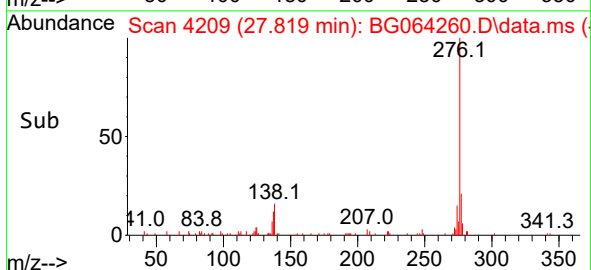
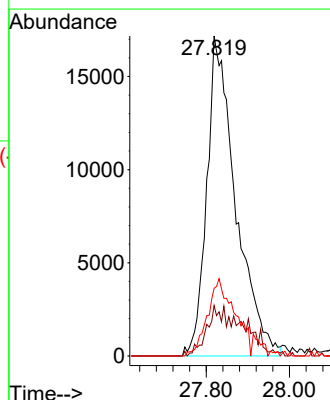
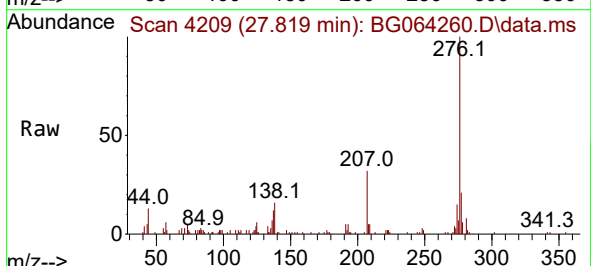
Tgt Ion:276 Resp: 82911

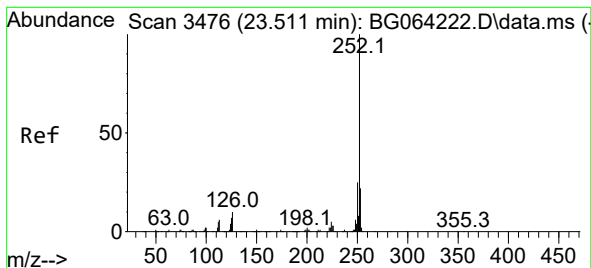
Ion Ratio Lower Upper

276 100

138 7.6 7.4 11.0

277 22.5 20.5 30.7





#88

Benzo(b)fluoranthene

Concen: 8.756 ng

RT: 23.571 min Scan# 3476

Delta R.T. 0.054 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025

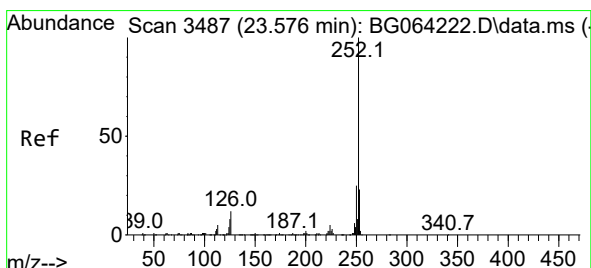
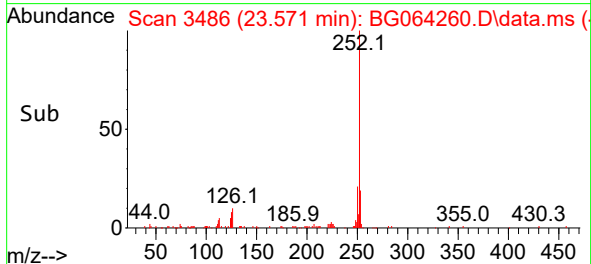
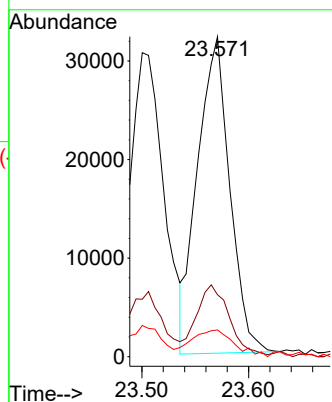
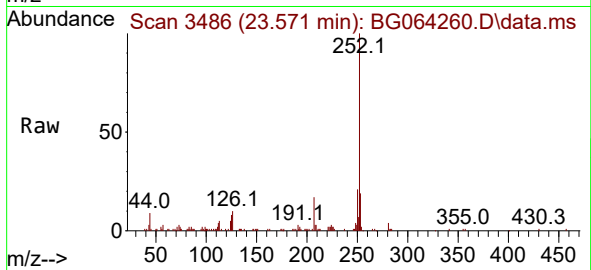
Tgt Ion:252 Resp: 67265

Ion Ratio Lower Upper

252 100

253 19.4 17.5 26.3

125 8.4 5.9 8.9



#89

Benzo(k)fluoranthene

Concen: 8.595 ng

RT: 23.571 min Scan# 3486

Delta R.T. -0.017 min

Lab File: BG064260.D

Acq: 3 Sep 2025 19:11

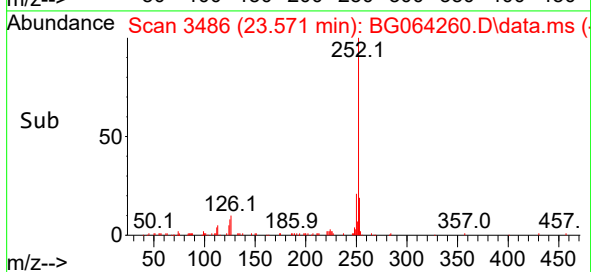
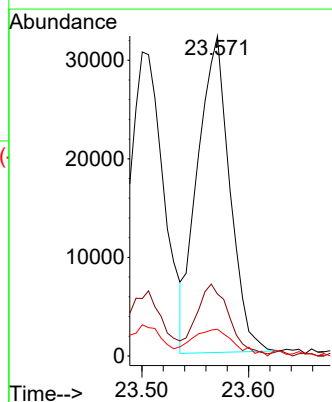
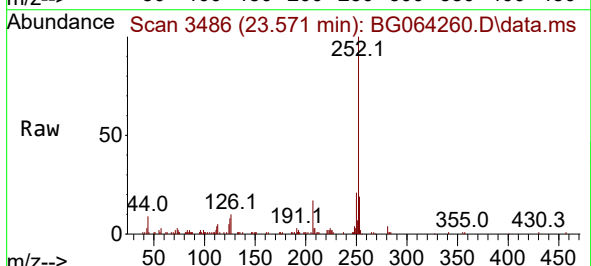
Tgt Ion:252 Resp: 67265

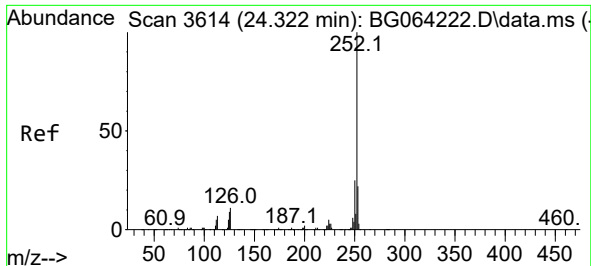
Ion Ratio Lower Upper

252 100

253 19.4 18.2 27.4

125 8.4 7.0 10.4

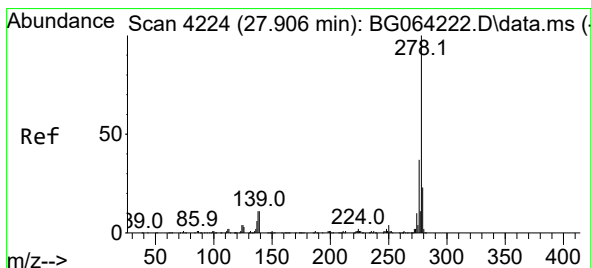
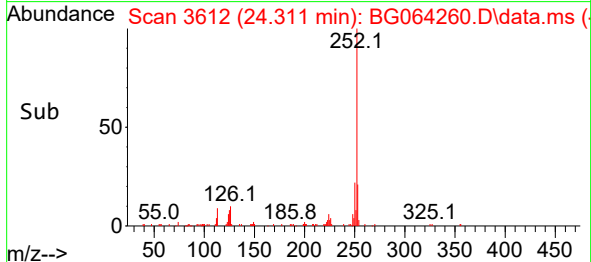
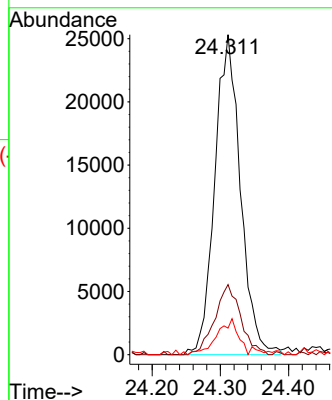
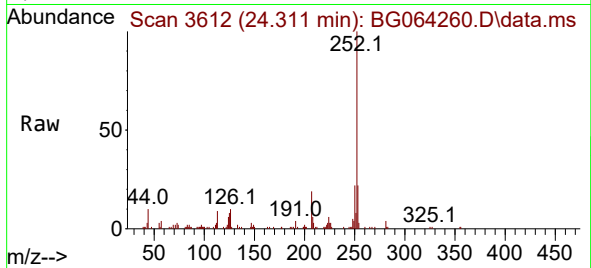




#90
Benzo(a)pyrene
Concen: 9.262 ng
RT: 24.311 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

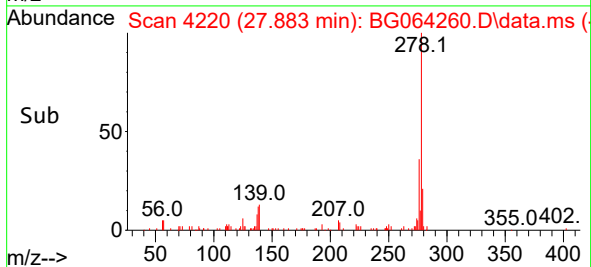
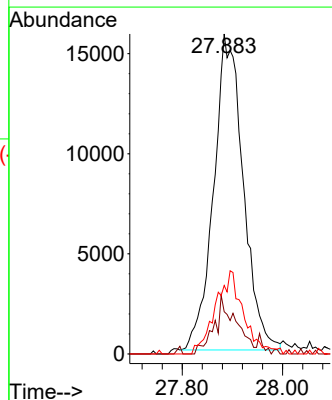
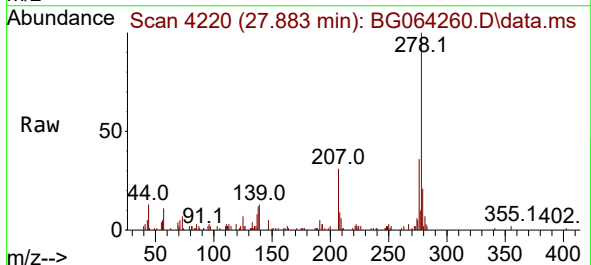
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT2-2025

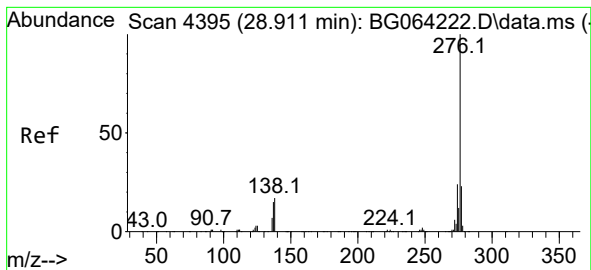
Tgt Ion:252 Resp: 66185
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.3 7.0 10.6



#91
Dibenzo(a,h)anthracene
Concen: 8.648 ng
RT: 27.883 min Scan# 4220
Delta R.T. -0.040 min
Lab File: BG064260.D
Acq: 3 Sep 2025 19:11

Tgt Ion:278 Resp: 64542
Ion Ratio Lower Upper
278 100
139 13.2 9.0 13.4
279 21.4 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 9.406 ng

RT: 28.876 min Scan# 41

Delta R.T. -0.058 min

Lab File: BG064260.D

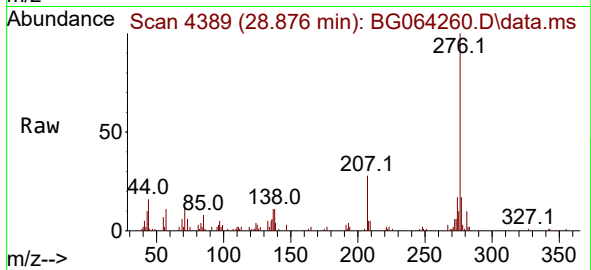
Acq: 3 Sep 2025 19:11

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT2-2025



Tgt Ion:276 Resp: 68303

Ion Ratio Lower Upper

276 100

277 17.4 18.2 27.4#

138 15.3 13.3 19.9

