

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064263.D
 Acq On : 3 Sep 2025 21:15
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 04 01:15:51 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	7.853	152	37383	20.000	ng	0.00
21) Naphthalene-d8	10.638	136	171179	20.000	ng	#-0.01
39) Acenaphthene-d10	14.475	164	117143	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	230928	20.000	ng	0.00
76) Chrysene-d12	21.449	240	237019	20.000	ng	0.00
86) Perylene-d12	24.457	264	259479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	261867	125.676	ng	0.00
7) Phenol-d6	7.025	99	379808	132.679	ng	0.00
23) Nitrobenzene-d5	9.011	82	288675	94.051	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	182521	117.633	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	706375	92.039	ng	0.00
79) Terphenyl-d14	19.839	244	1093174	96.226	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	9947	11.453	ng	87
3) Pyridine	3.752	79	23873	9.338	ng	# 59
4) n-Nitrosodimethylamine	3.664	42	16803	9.937	ng	94
6) Aniline	7.183	93	40803	10.307	ng	97
8) 2-Chlorophenol	7.418	128	25758	10.116	ng	89
9) Benzaldehyde	6.995	77	23829	10.115	ng	93
10) Phenol	7.048	94	32924	10.432	ng	93
11) bis(2-Chloroethyl)ether	7.277	93	23670	9.981	ng	99
12) 1,3-Dichlorobenzene	7.742	146	27696	10.225	ng	99
13) 1,4-Dichlorobenzene	7.888	146	27815	10.175	ng	97
14) 1,2-Dichlorobenzene	8.206	146	28380	10.756	ng	87
15) Benzyl Alcohol	8.088	79	25572	9.680	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.376	45	50448	9.317	ng	97
17) 2-Methylphenol	8.294	107	23260	9.889	ng	91
18) Hexachloroethane	8.928	117	10537	9.874	ng	93
19) n-Nitroso-di-n-propyla...	8.652	70	21398	9.767	ng	96
20) 3+4-Methylphenols	8.617	107	31565	9.658	ng	95
22) Acetophenone	8.670	105	44280	10.225	ng	# 99
24) Nitrobenzene	9.046	77	31939	9.959	ng	99
25) Isophorone	9.569	82	64356	10.089	ng	99
26) 2-Nitrophenol	9.751	139	13920	10.046	ng	95
27) 2,4-Dimethylphenol	9.822	122	25835	10.619	ng	98
28) bis(2-Chloroethoxy)met...	10.051	93	35082	10.199	ng	94
29) 2,4-Dichlorophenol	10.292	162	24325	9.476	ng	96
30) 1,2,4-Trichlorobenzene	10.509	180	28415	10.499	ng	97
31) Naphthalene	10.691	128	88285	9.946	ng	100
32) Benzoic acid	9.916	122	10688	5.534	ng	95
33) 4-Chloroaniline	10.803	127	35734	10.387	ng	95
34) Hexachlorobutadiene	10.985	225	20447	10.220	ng	95
35) Caprolactam	11.543	113	8128	8.178	ng	# 83
36) 4-Chloro-3-methylphenol	11.925	107	31781	9.542	ng	96
37) 2-Methylnaphthalene	12.301	142	59034	8.947	ng	96
38) 1-Methylnaphthalene	12.518	142	62309	9.561	ng	95
40) 1,2,4,5-Tetrachloroben...	12.671	216	35416	10.478	ng	98
41) Hexachlorocyclopentadiene	12.653	237	19287	12.007	ng	92
43) 2,4,6-Trichlorophenol	12.906	196	22406	9.918	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064263.D
 Acq On : 3 Sep 2025 21:15
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 10PPM
 ALS Vial : 15 Sample Multiplier: 1

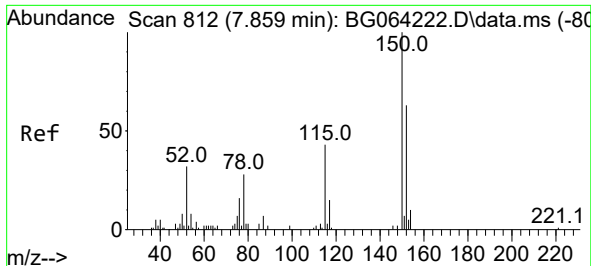
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 04 01:15:51 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)
44) 2,4,5-Trichlorophenol	12.983	196	25383	10.358	ng	92
46) 1,1'-Biphenyl	13.312	154	89455	10.485	ng	96
47) 2-Chloronaphthalene	13.353	162	66562	10.377	ng	97
48) 2-Nitroaniline	13.552	65	22184	10.147	ng	# 86
49) Acenaphthylene	14.199	152	108578	11.451	ng	98
50) Dimethylphthalate	13.934	163	83165	9.379	ng	99
51) 2,6-Dinitrotoluene	14.046	165	17314	10.087	ng	97
52) Acenaphthene	14.540	154	65520	9.792	ng	95
53) 3-Nitroaniline	14.375	138	16751	9.316	ng	# 97
54) 2,4-Dinitrophenol	14.587	184	6364	10.925	ng	91
55) Dibenzofuran	14.874	168	104132	9.894	ng	97
56) 4-Nitrophenol	14.686	139	10003	6.782	ng	# 90
57) 2,4-Dinitrotoluene	14.839	165	23981	9.240	ng	# 90
58) Fluorene	15.527	166	87776	10.175	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	21746	9.226	ng	96
60) Diethylphthalate	15.297	149	82551	8.699	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	43178	10.039	ng	92
62) 4-Nitroaniline	15.538	138	16327	8.899	ng	# 78
63) Azobenzene	15.815	77	81003	9.577	ng	95
65) 4,6-Dinitro-2-methylph...	15.597	198	12633	9.528	ng	89
66) n-Nitrosodiphenylamine	15.732	169	71875	11.314	ng	97
67) 4-Bromophenyl-phenylether	16.414	248	27320	11.139	ng	98
68) Hexachlorobenzene	16.525	284	29954	10.997	ng	# 89
69) Atrazine	16.678	200	26297	9.914	ng	97
70) Pentachlorophenol	16.872	266	14603	8.842	ng	# 85
71) Phenanthrene	17.260	178	123707	10.157	ng	98
72) Anthracene	17.354	178	126617	10.220	ng	99
73) Carbazole	17.618	167	109239	10.009	ng	98
74) Di-n-butylphthalate	18.188	149	132338	10.092	ng	99
75) Fluoranthene	19.269	202	141777	9.900	ng	98
77) Benzidine	19.451	184	69717	13.982	ng	99
78) Pyrene	19.634	202	153420	10.274	ng	99
80) Butylbenzylphthalate	20.527	149	61996	11.008	ng	94
81) Benzo(a)anthracene	21.431	228	159152	10.496	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	56057	11.351	ng	97
83) Chrysene	21.490	228	146863	10.089	ng	100
84) Bis(2-ethylhexyl)phtha...	21.355	149	90875	10.747	ng	99
85) Di-n-octyl phthalate	22.495	149	156987	10.655	ng	99
87) Indeno(1,2,3-cd)pyrene	27.830	276	176393	9.954	ng	97
88) Benzo(b)fluoranthene	23.500	252	149664	10.220	ng	99
89) Benzo(k)fluoranthene	23.570	252	150440	10.083	ng	93
90) Benzo(a)pyrene	24.310	252	144357	10.597	ng	98
91) Dibenzo(a,h)anthracene	27.894	278	146065	10.266	ng	96
92) Benzo(g,h,i)perylene	28.887	276	142518	10.294	ng	97

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

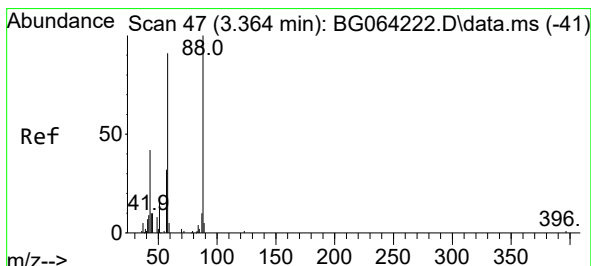
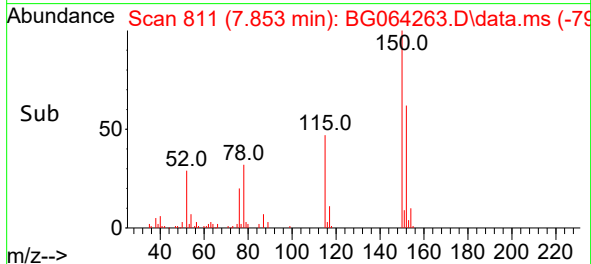
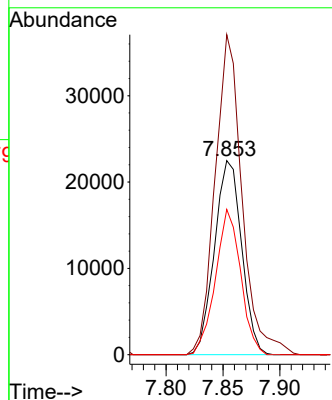
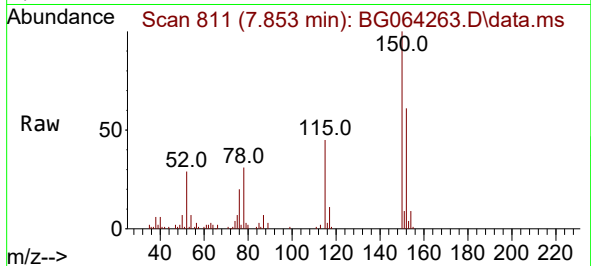
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

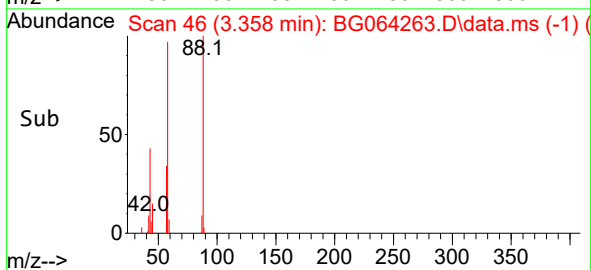
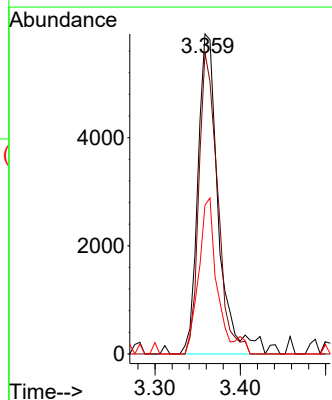
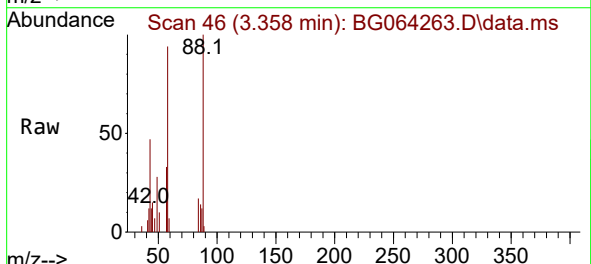
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

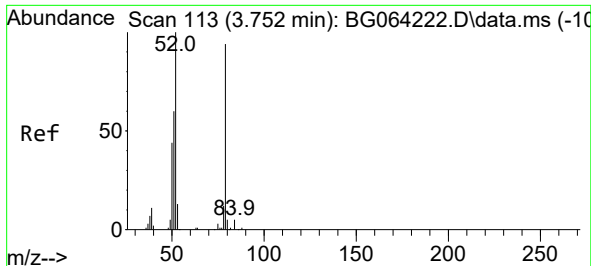
Tgt Ion:152 Resp: 37383
Ion Ratio Lower Upper
152 100
150 164.9 128.0 192.0
115 74.9 55.7 83.5



#2
1,4-Dioxane
Concen: 11.453 ng
RT: 3.358 min Scan# 46
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 88 Resp: 9947
Ion Ratio Lower Upper
88 100
58 85.1 80.8 121.2
43 44.3 40.3 60.5

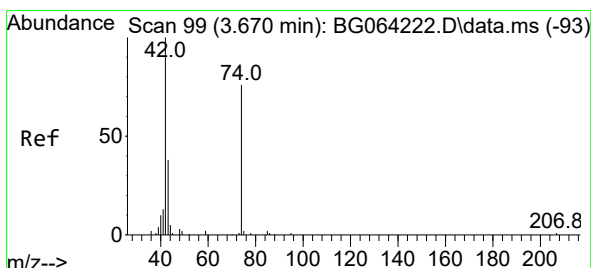
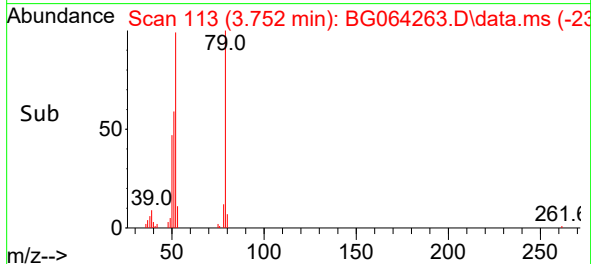
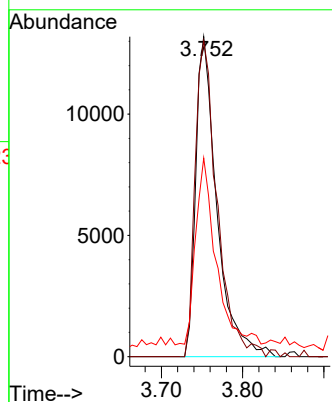
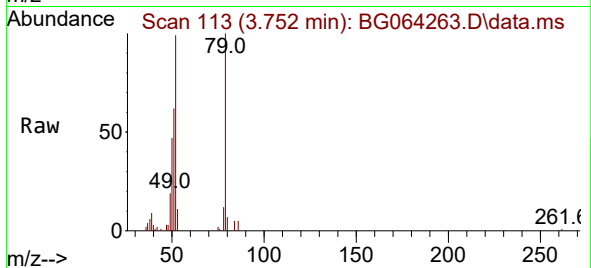




#3
Pyridine
Concen: 9.338 ng
RT: 3.752 min Scan# 113
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

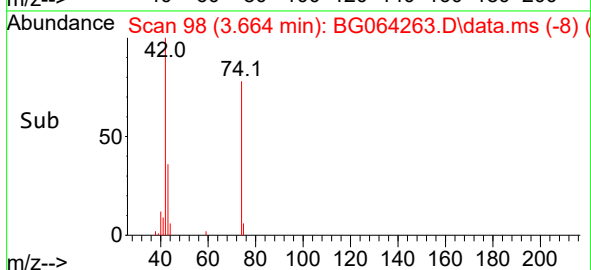
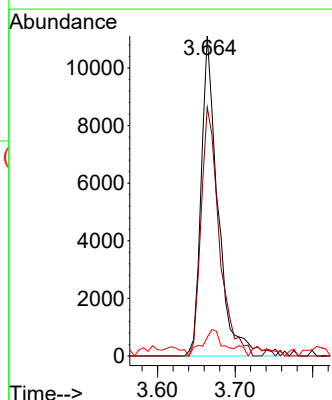
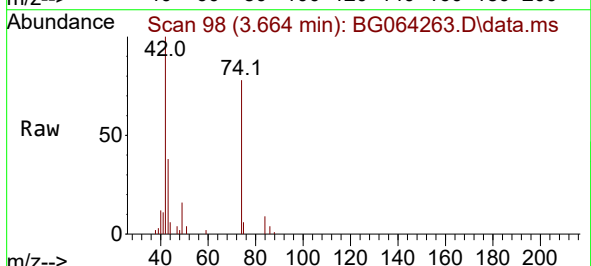
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

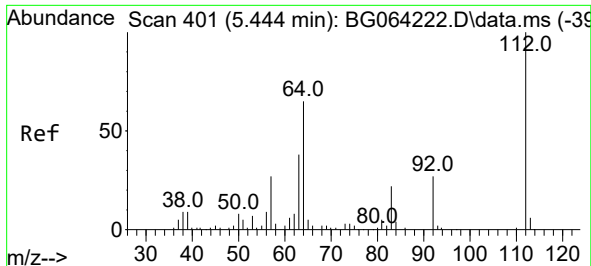
Tgt Ion: 79 Resp: 23873
Ion Ratio Lower Upper
79 100
52 98.7 86.6 129.8
51 62.1 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 9.937 ng
RT: 3.664 min Scan# 98
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 42 Resp: 16803
Ion Ratio Lower Upper
42 100
74 77.7 58.0 87.0
44 5.9 5.5 8.3

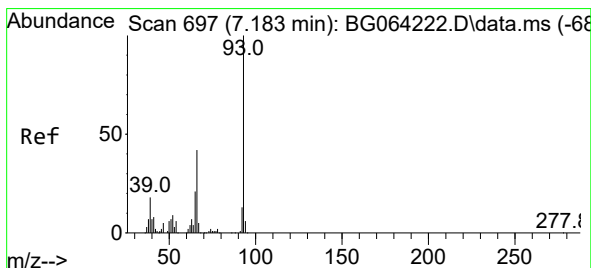
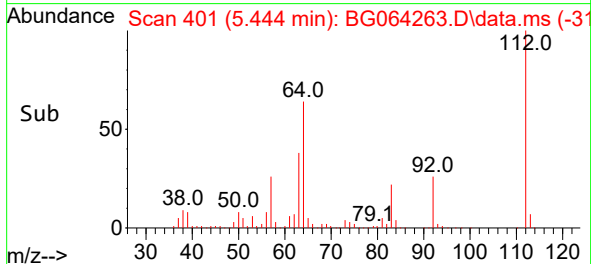
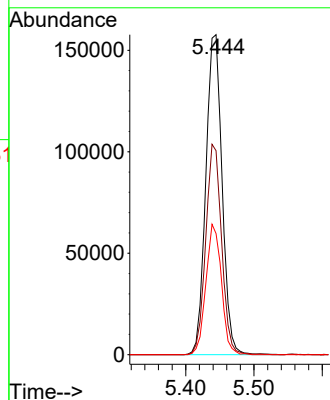
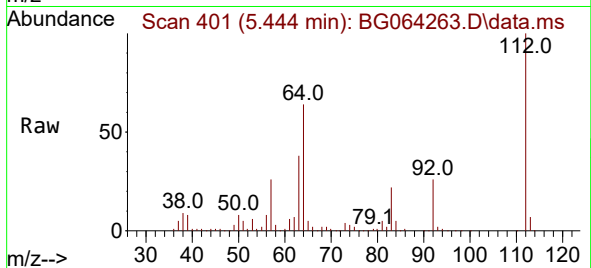




#5
2-Fluorophenol
Concen: 125.676 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

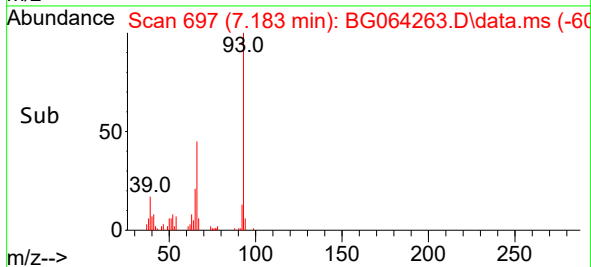
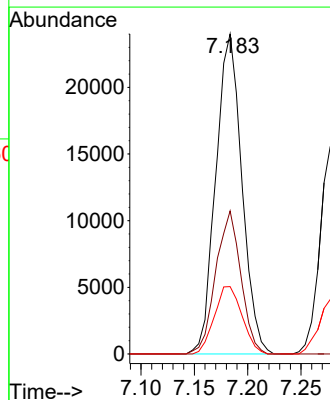
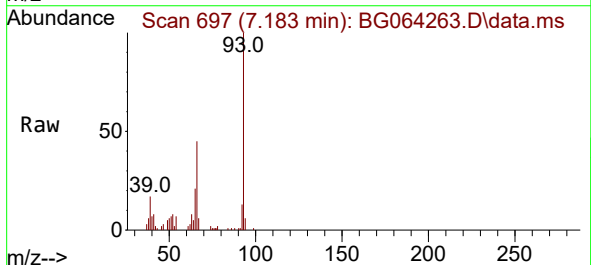
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

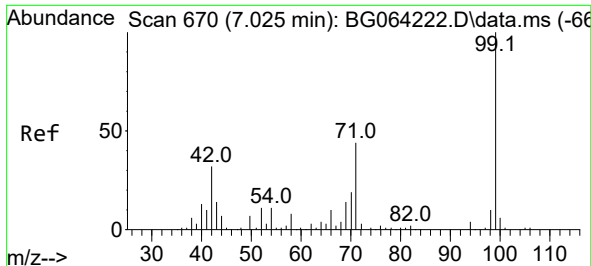
Tgt Ion:112 Resp: 261867
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.6
63 37.9 30.6 45.8



#6
Aniline
Concen: 10.307 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 93 Resp: 40803
Ion Ratio Lower Upper
93 100
66 44.7 33.8 50.8
65 21.1 16.9 25.3

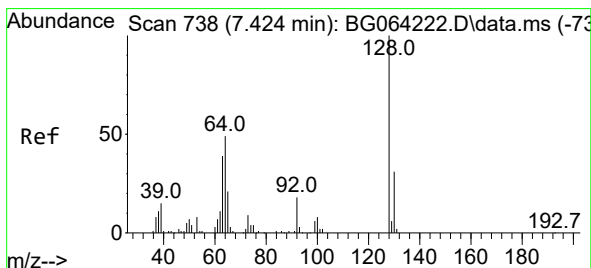
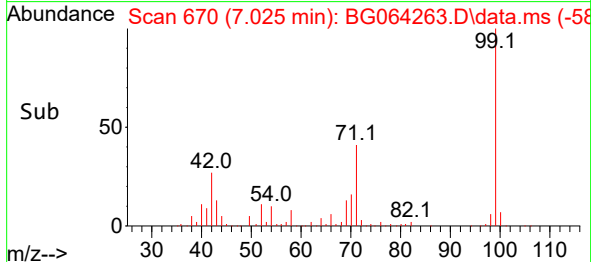
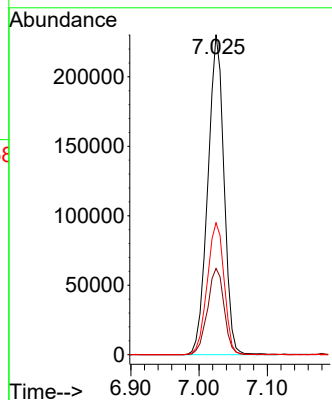
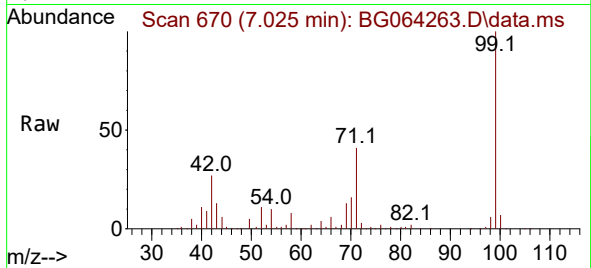




#7
Phenol-d6
Concen: 132.679 ng
RT: 7.025 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

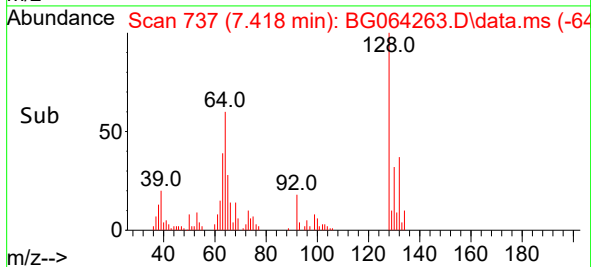
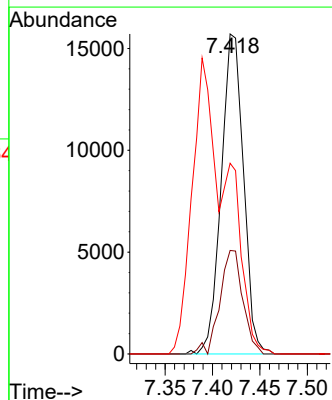
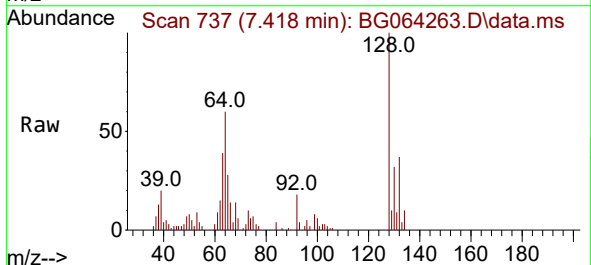
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

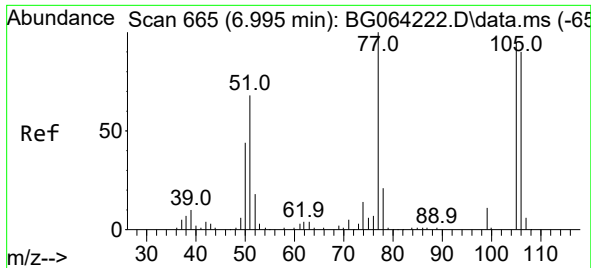
Tgt Ion: 99 Resp: 379808
Ion Ratio Lower Upper
99 100
42 27.0 25.8 38.8
71 41.2 35.2 52.8



#8
2-Chlorophenol
Concen: 10.116 ng
RT: 7.418 min Scan# 737
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:128 Resp: 25758
Ion Ratio Lower Upper
128 100
130 32.3 10.9 50.9
64 59.6 28.7 68.7

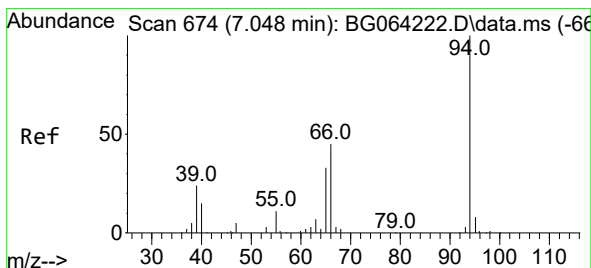
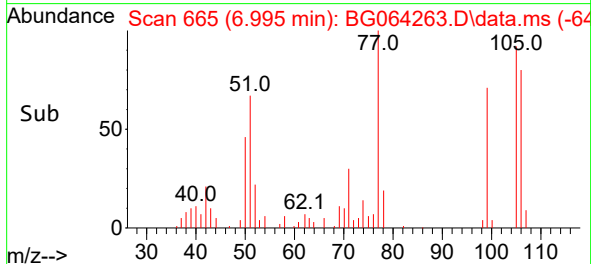
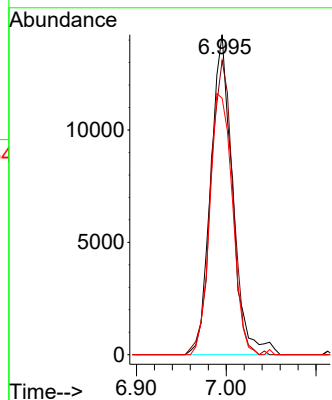
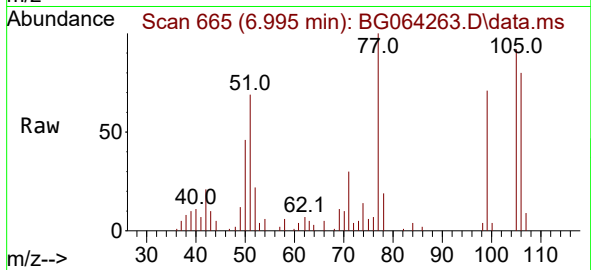




#9
Benzaldehyde
Concen: 10.115 ng
RT: 6.995 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

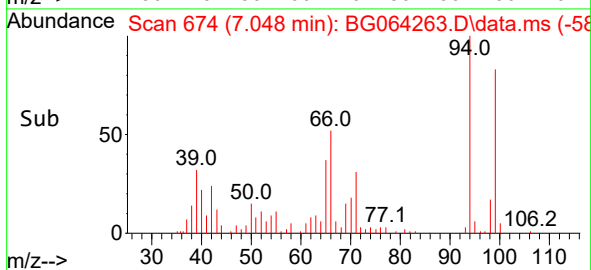
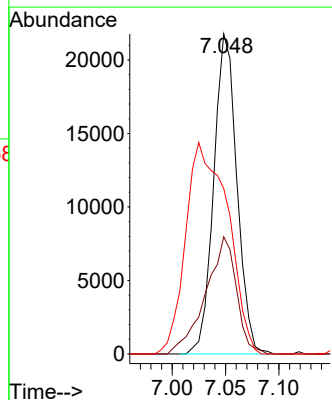
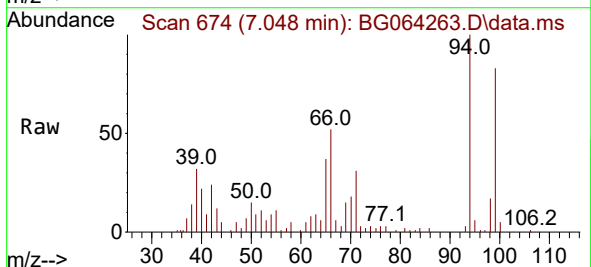
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

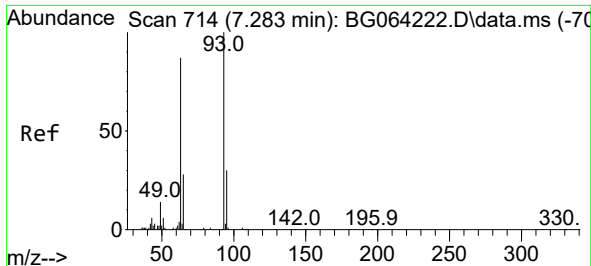
Tgt Ion: 77 Resp: 23829
Ion Ratio Lower Upper
77 100
105 91.9 75.2 115.2
106 80.2 69.6 109.6



#10
Phenol
Concen: 10.432 ng
RT: 7.048 min Scan# 674
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 94 Resp: 32924
Ion Ratio Lower Upper
94 100
65 36.6 13.5 53.5
66 51.7 26.2 66.2

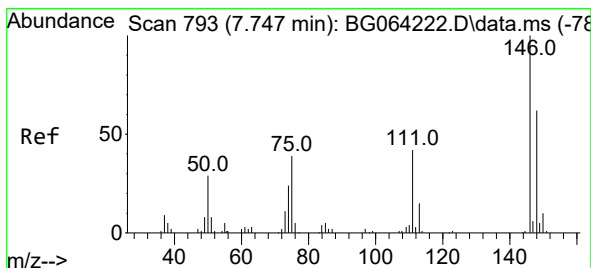
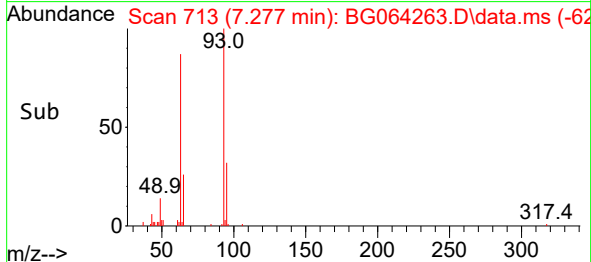
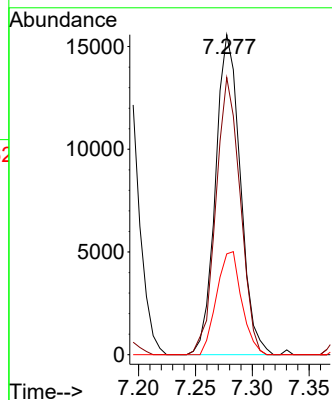
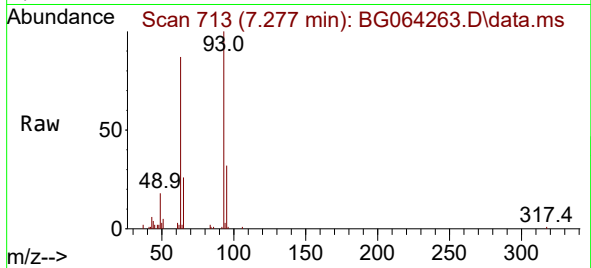




#11
bis(2-Chloroethyl)ether
Concen: 9.981 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

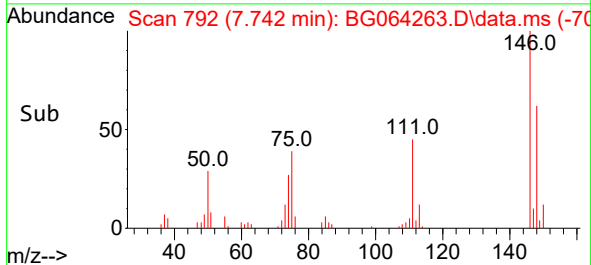
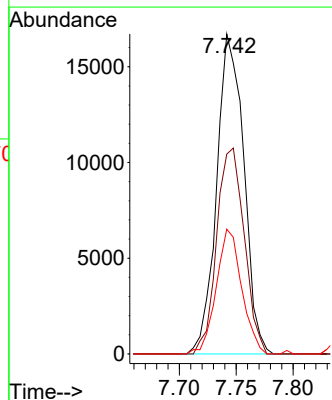
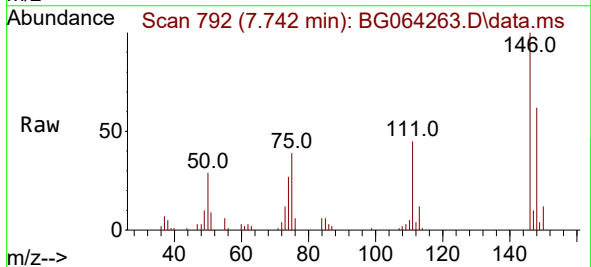
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

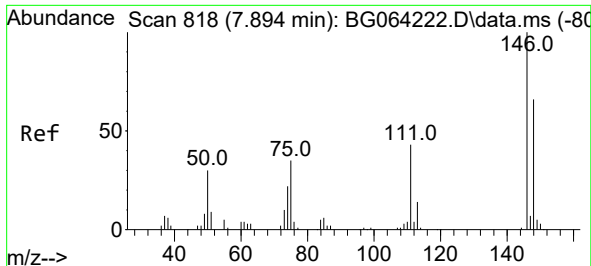
Tgt Ion: 93 Resp: 23670
Ion Ratio Lower Upper
93 100
63 86.6 66.2 106.2
95 31.5 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 10.225 ng
RT: 7.742 min Scan# 792
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:146 Resp: 27696
Ion Ratio Lower Upper
146 100
148 62.5 49.6 74.4
75 39.0 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 10.175 ng

RT: 7.888 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

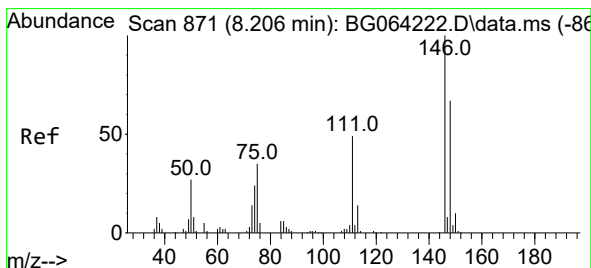
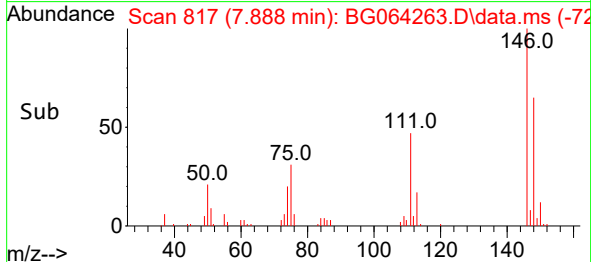
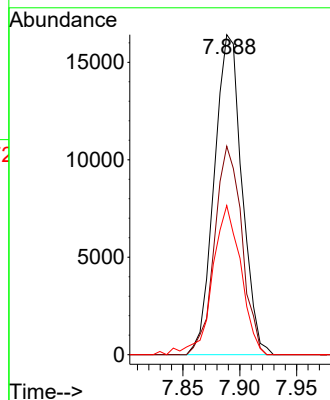
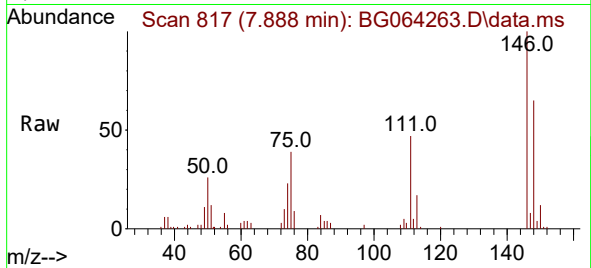
Tgt Ion:146 Resp: 27815

Ion Ratio Lower Upper

146 100

148 65.1 52.8 79.2

111 46.6 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 10.756 ng

RT: 8.206 min Scan# 871

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

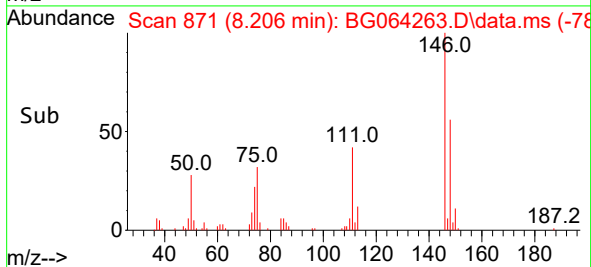
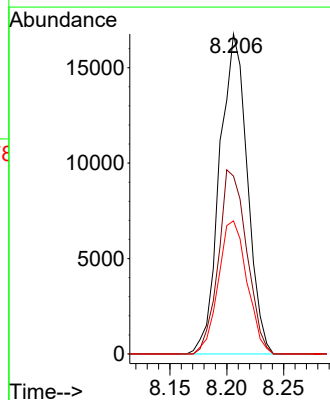
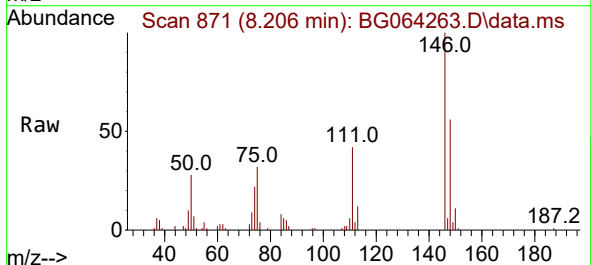
Tgt Ion:146 Resp: 28380

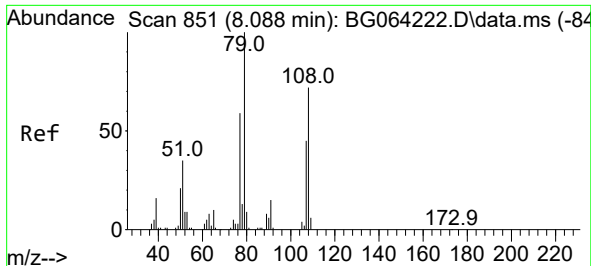
Ion Ratio Lower Upper

146 100

148 55.6 53.4 80.0

111 41.6 39.1 58.7

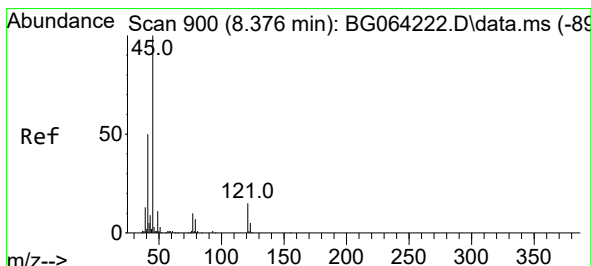
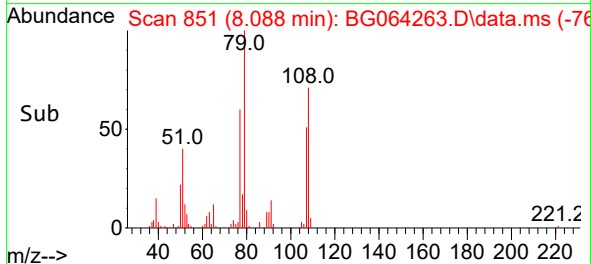
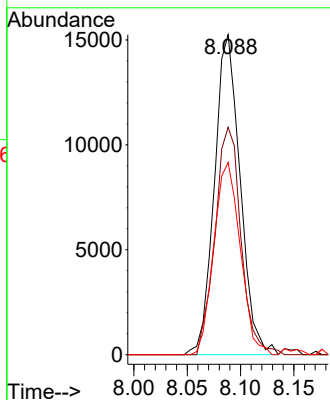
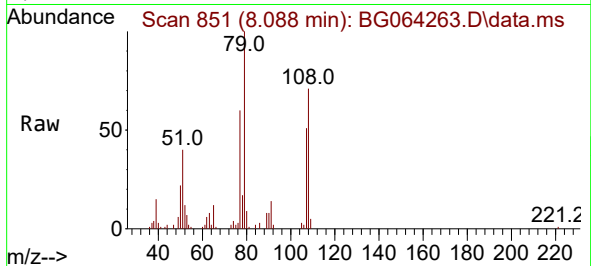




#15
Benzyl Alcohol
Concen: 9.680 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

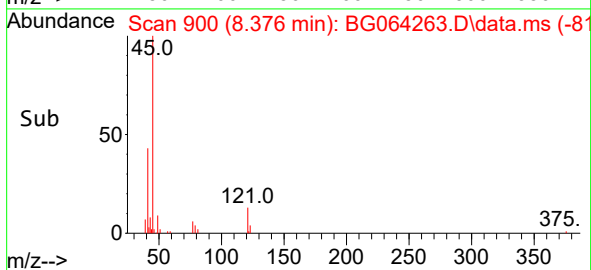
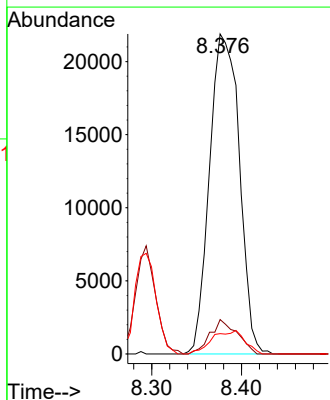
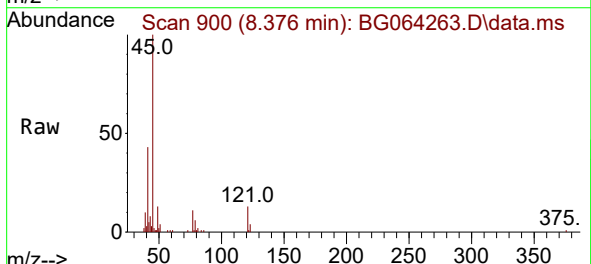
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

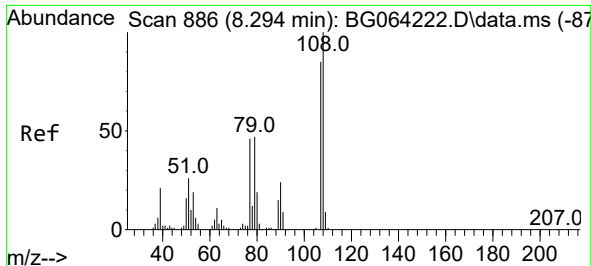
Tgt Ion: 79 Resp: 25572
Ion Ratio Lower Upper
79 100
108 71.0 57.4 86.0
77 60.0 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.317 ng
RT: 8.376 min Scan# 900
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

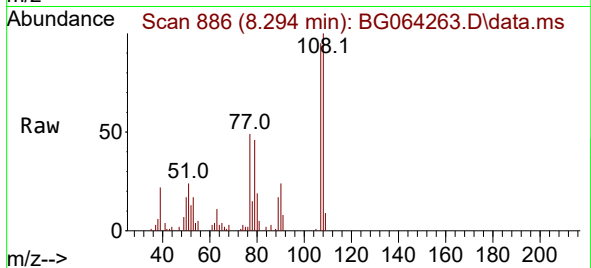
Tgt Ion: 45 Resp: 50448
Ion Ratio Lower Upper
45 100
77 10.8 0.0 30.0
79 6.3 0.0 27.9



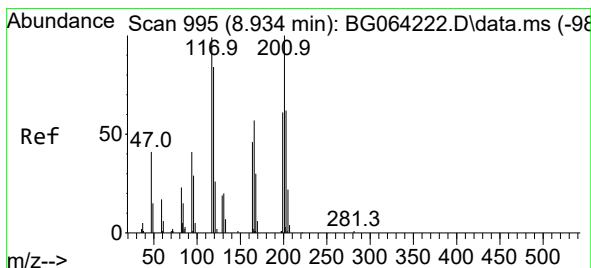
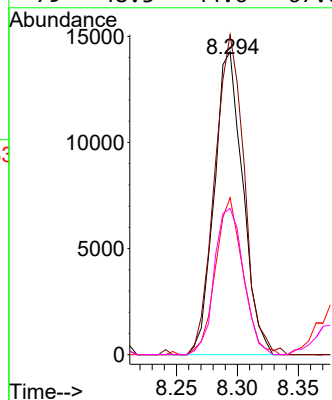
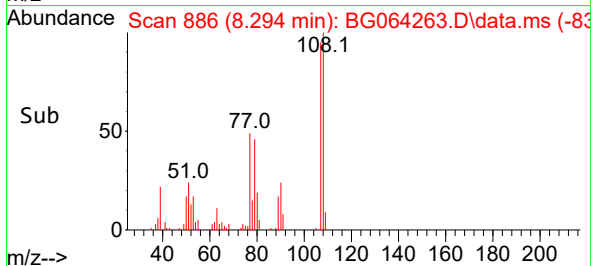


#17
2-Methylphenol
Concen: 9.889 ng
RT: 8.294 min Scan# 886
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

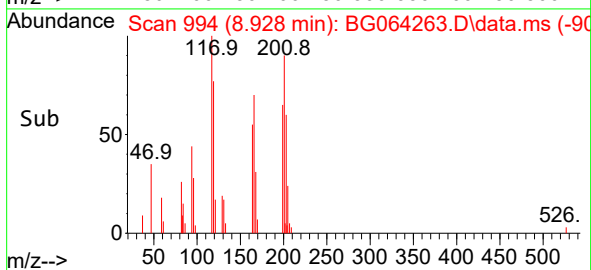
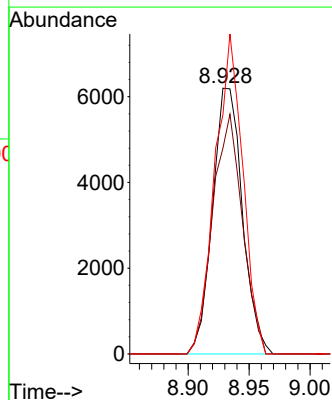
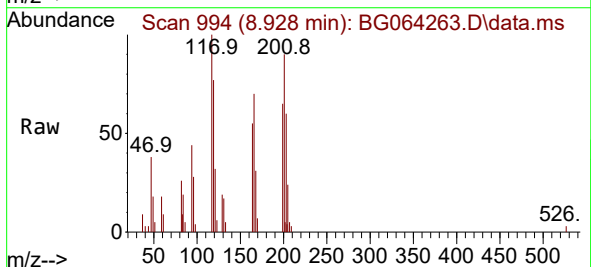


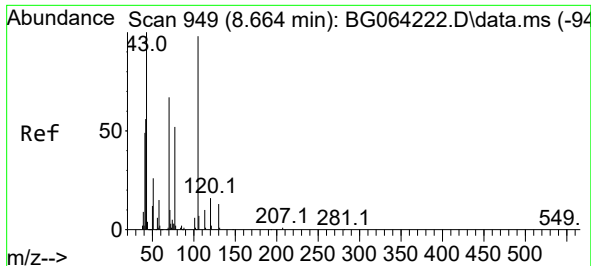
Tgt Ion:	107	Resp:	23260
Ion	Ratio	Lower	Upper
107	100		
108	105.7	94.6	141.8
77	51.8	43.7	65.5
79	48.3	44.6	67.0



#18
Hexachloroethane
Concen: 9.874 ng
RT: 8.928 min Scan# 994
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:	117	Resp:	10537
Ion	Ratio	Lower	Upper
117	100		
119	77.4	67.9	101.9
201	95.1	80.5	120.7

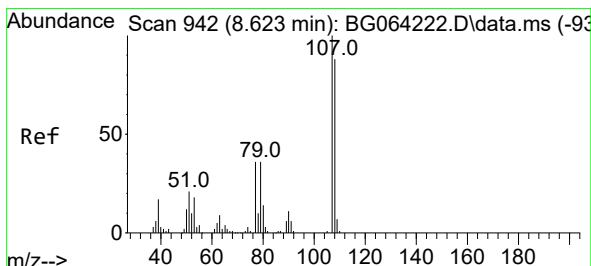
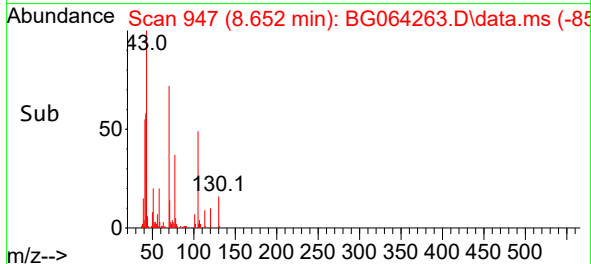
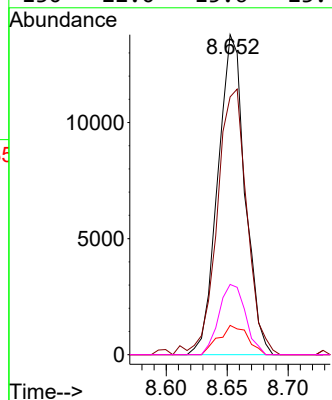
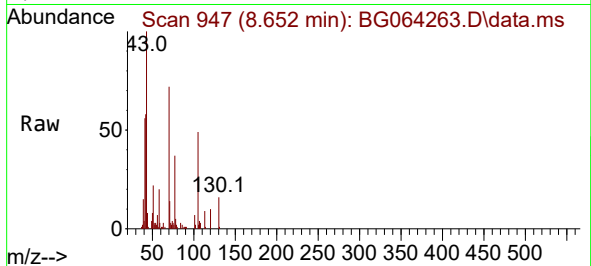




#19
n-Nitroso-di-n-propylamine
Concen: 9.767 ng
RT: 8.652 min Scan# 94
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

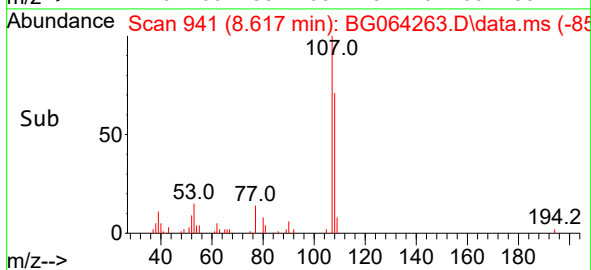
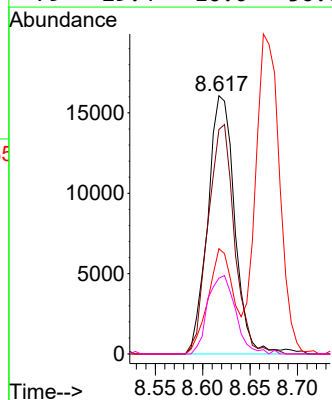
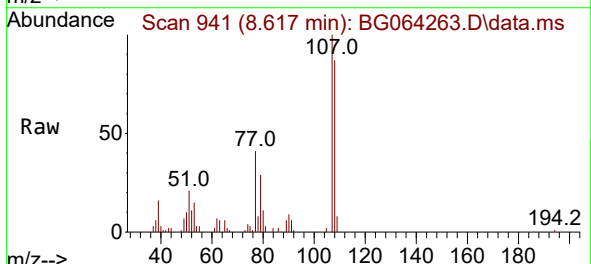
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

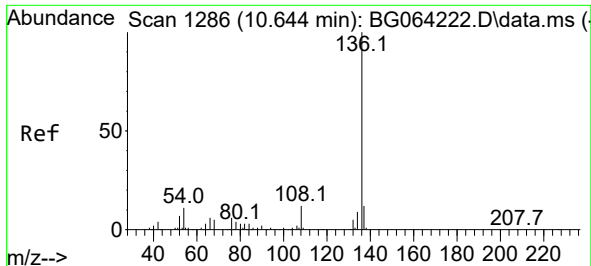
Tgt Ion:	70	Resp:	21398
Ion	Ratio	Lower	Upper
70	100		
42	80.6	67.9	101.9
101	9.2	7.3	10.9
130	22.0	15.6	23.4



#20
3+4-Methylphenols
Concen: 9.658 ng
RT: 8.617 min Scan# 941
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:	107	Resp:	31565
Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.1	108.1
77	40.8	15.9	55.9
79	29.4	16.0	56.0

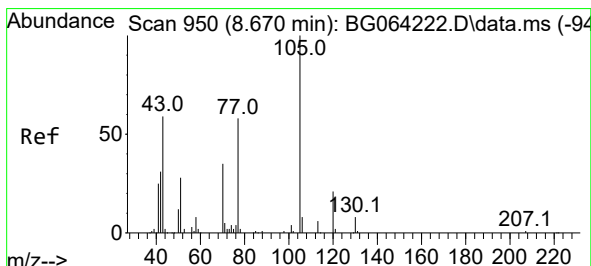
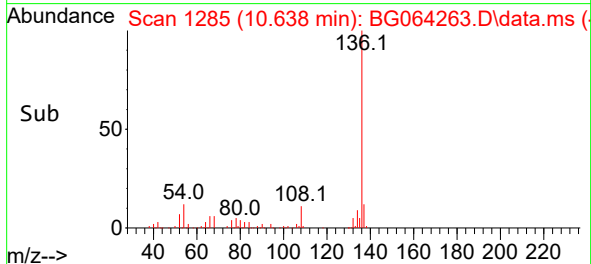
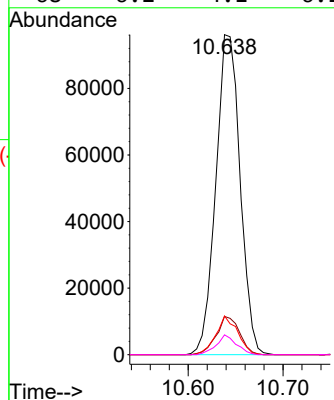
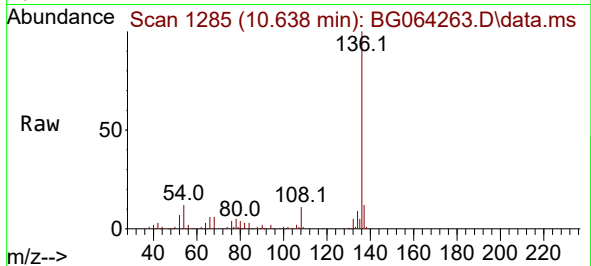




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

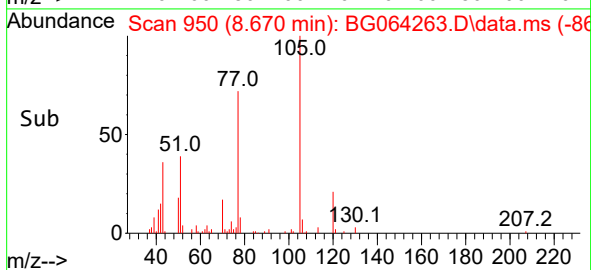
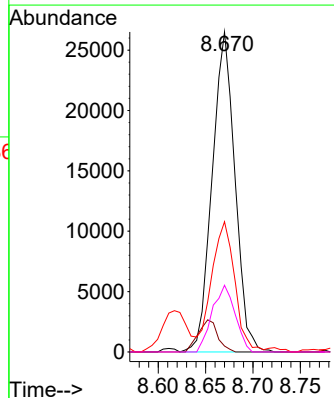
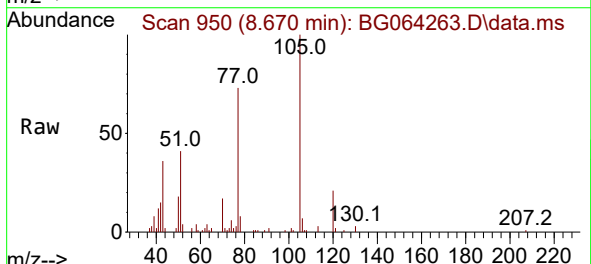
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

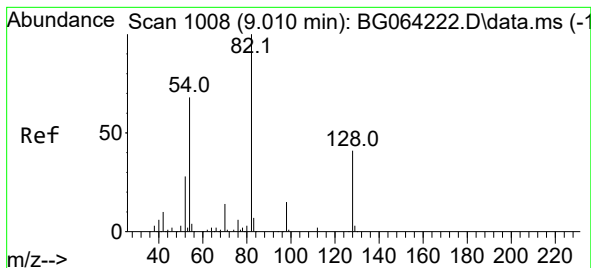
Tgt Ion:136 Resp: 171179
Ion Ratio Lower Upper
136 100
137 11.9 9.6 14.4
54 12.1 8.8 13.2
68 6.2 4.1 6.1#



#22
Acetophenone
Concen: 10.225 ng
RT: 8.670 min Scan# 950
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:105 Resp: 44280
Ion Ratio Lower Upper
105 100
71 1.9 4.3 6.5#
51 40.7 32.4 48.6
120 20.9 16.8 25.2





#23

Nitrobenzene-d5

Concen: 94.051 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

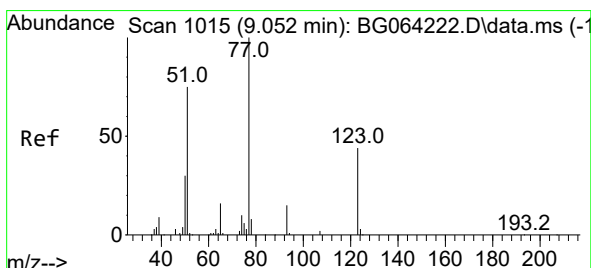
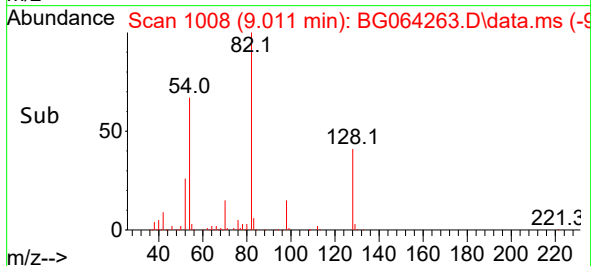
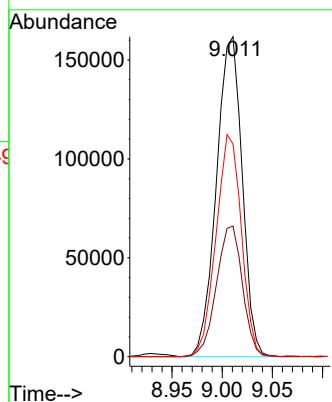
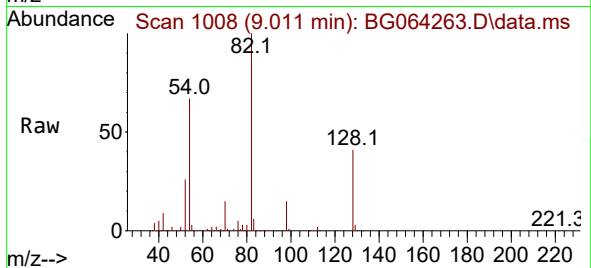
Tgt Ion: 82 Resp: 288675

Ion Ratio Lower Upper

82 100

128 40.8 32.6 48.8

54 66.5 54.7 82.1



#24

Nitrobenzene

Concen: 9.959 ng

RT: 9.046 min Scan# 1014

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

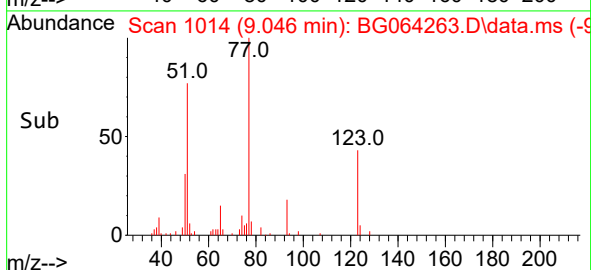
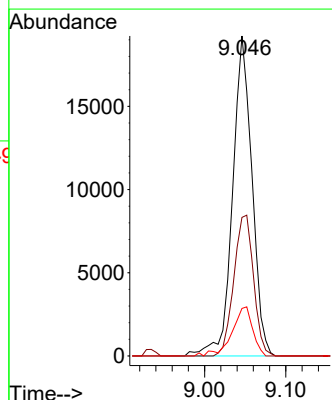
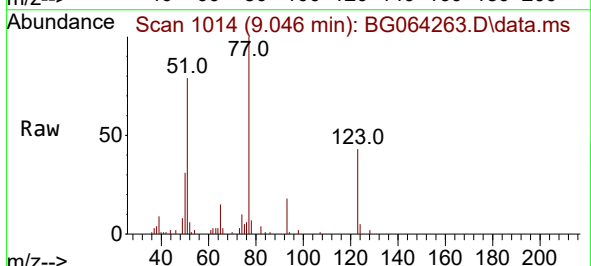
Tgt Ion: 77 Resp: 31939

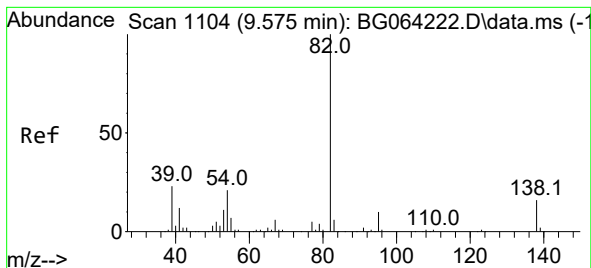
Ion Ratio Lower Upper

77 100

123 43.3 35.2 52.8

65 14.8 12.6 19.0





#25

Isophorone

Concen: 10.089 ng

RT: 9.569 min Scan# 1103

Delta R.T. -0.018 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

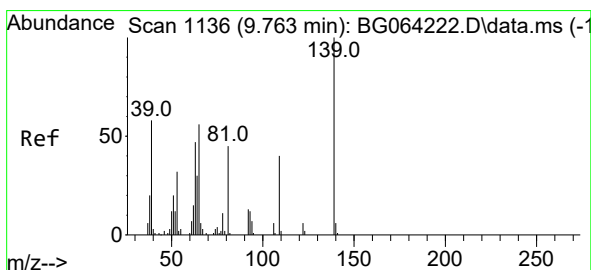
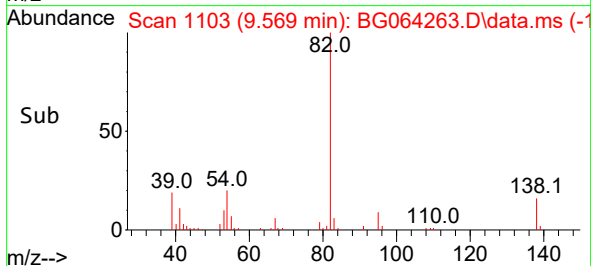
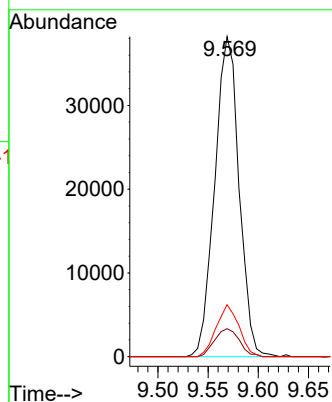
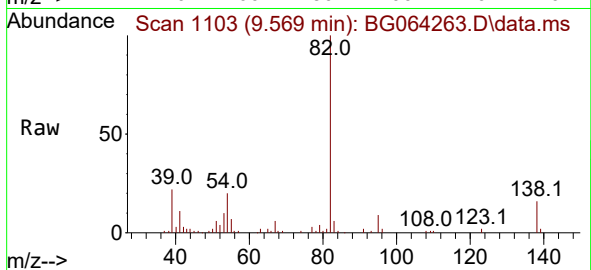
Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion: 82	Resp: 64356
Ion Ratio	Lower Upper
82 100	
95 8.7	7.9 11.9
138 16.3	13.0 19.4



#26

2-Nitrophenol

Concen: 10.046 ng

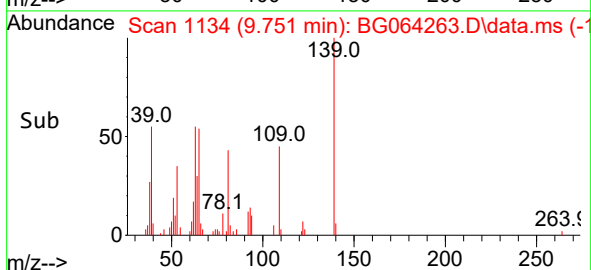
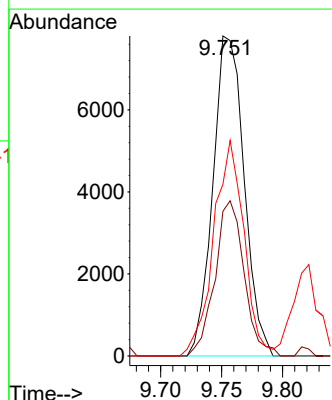
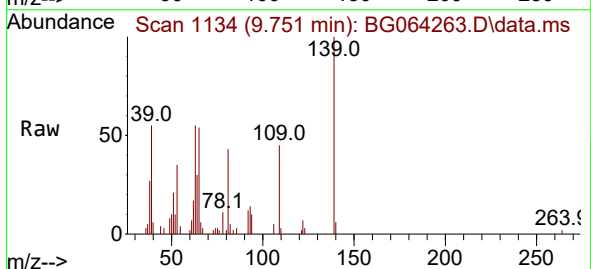
RT: 9.751 min Scan# 1134

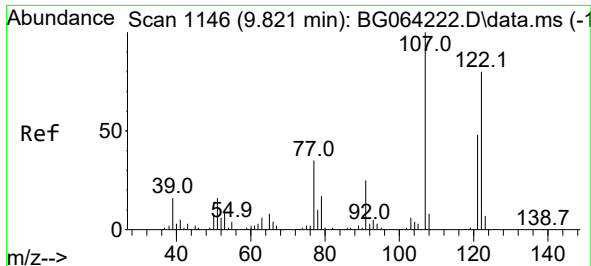
Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Tgt Ion: 139	Resp: 13920
Ion Ratio	Lower Upper
139 100	
109 45.2	32.4 48.6
65 53.7	44.6 67.0





#27

2,4-Dimethylphenol

Concen: 10.619 ng

RT: 9.822 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

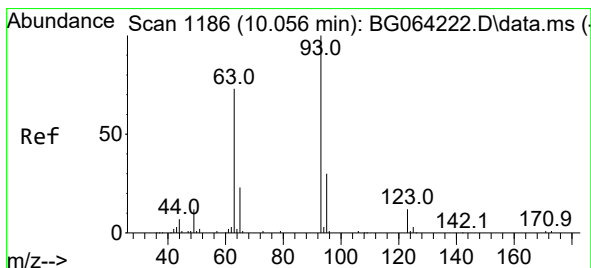
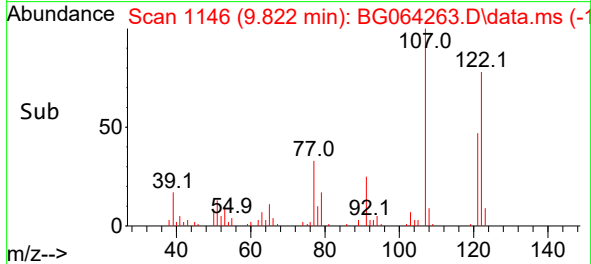
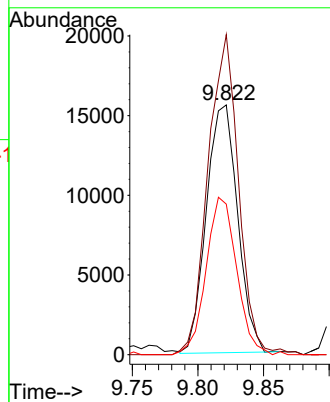
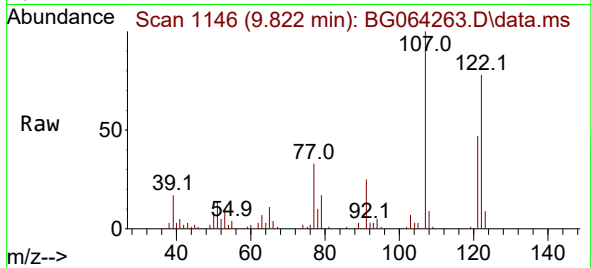
Tgt Ion:122 Resp: 25835

Ion Ratio Lower Upper

122 100

107 128.2 99.9 149.9

121 60.3 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 10.199 ng

RT: 10.051 min Scan# 1185

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

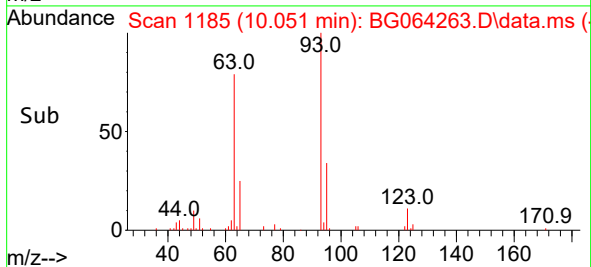
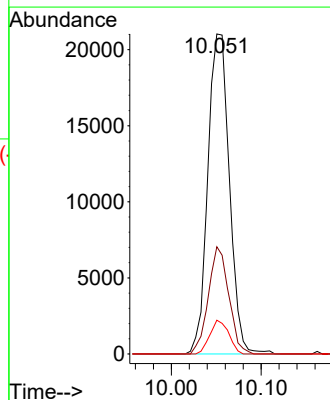
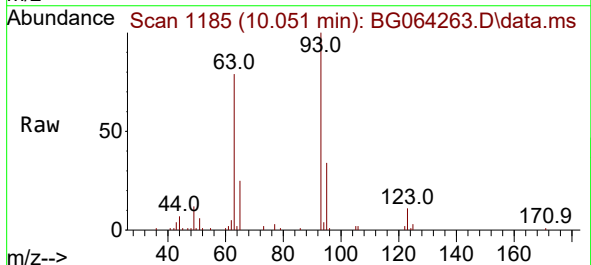
Tgt Ion: 93 Resp: 35082

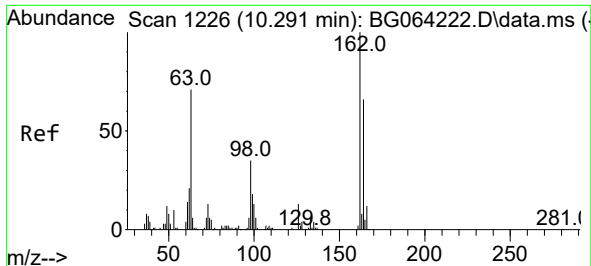
Ion Ratio Lower Upper

93 100

95 33.5 23.9 35.9

123 10.6 9.6 14.4

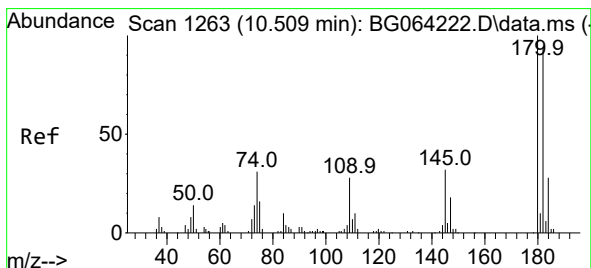
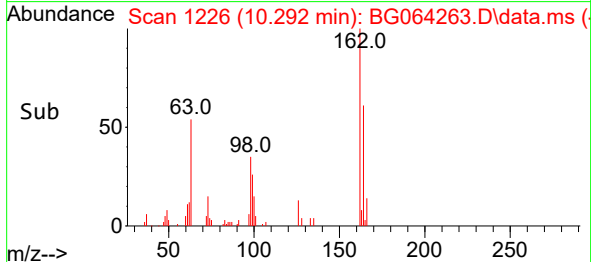
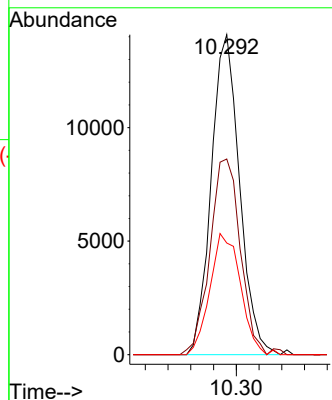
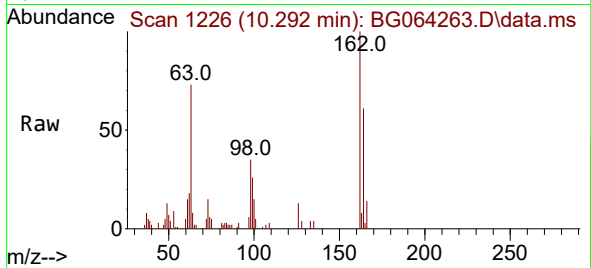




#29
2,4-Dichlorophenol
Concen: 9.476 ng
RT: 10.292 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

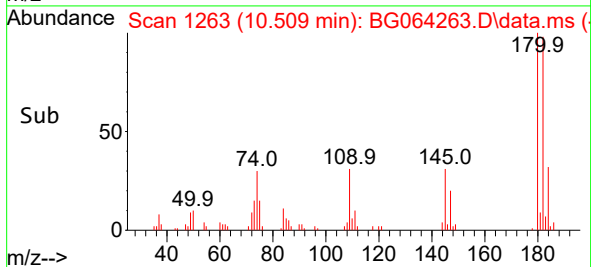
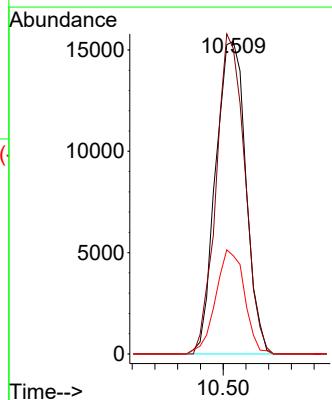
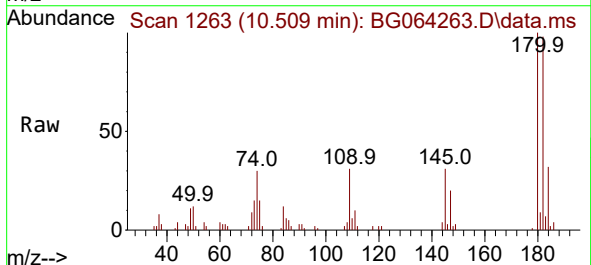
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

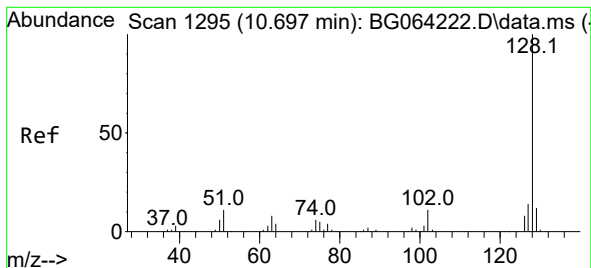
Tgt Ion:162 Resp: 24325
Ion Ratio Lower Upper
162 100
164 61.1 45.8 85.8
98 34.9 15.2 55.2



#30
1,2,4-Trichlorobenzene
Concen: 10.499 ng
RT: 10.509 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:180 Resp: 28415
Ion Ratio Lower Upper
180 100
182 97.7 75.0 112.6
145 31.4 25.4 38.0





#31

Naphthalene

Concen: 9.946 ng

RT: 10.691 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

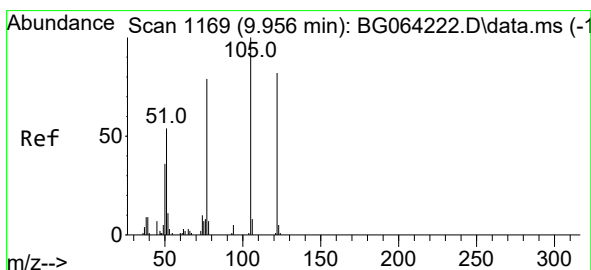
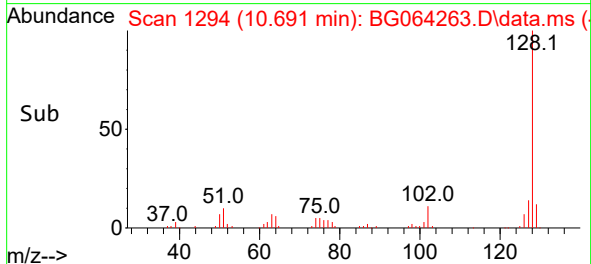
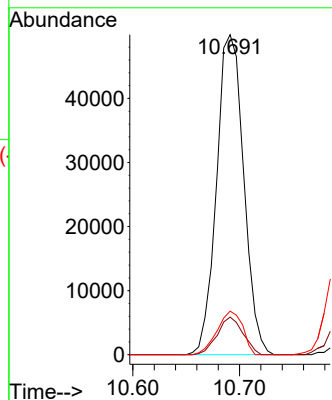
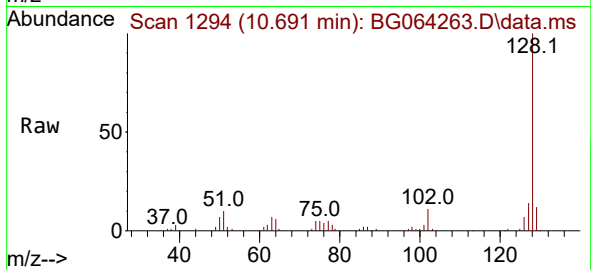
Tgt Ion:128 Resp: 88285

Ion Ratio Lower Upper

128 100

129 11.8 9.4 14.2

127 13.6 10.9 16.3



#32

Benzoic acid

Concen: 5.534 ng

RT: 9.916 min Scan# 1162

Delta R.T. -0.100 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

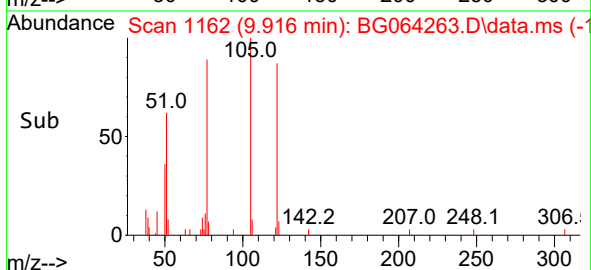
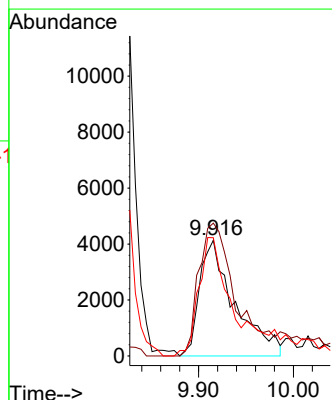
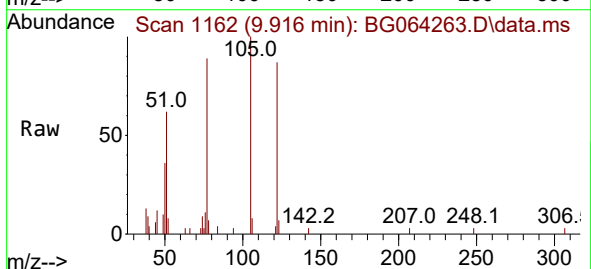
Tgt Ion:122 Resp: 10688

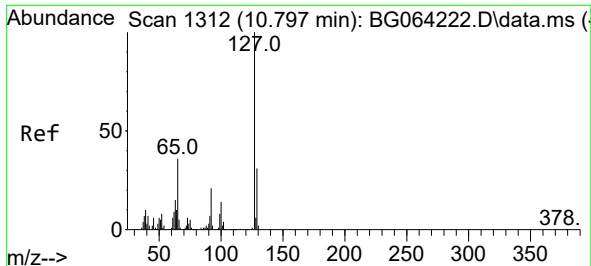
Ion Ratio Lower Upper

122 100

105 114.8 98.5 138.5

77 102.2 74.6 114.6

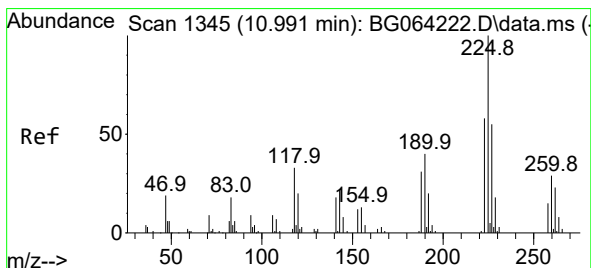
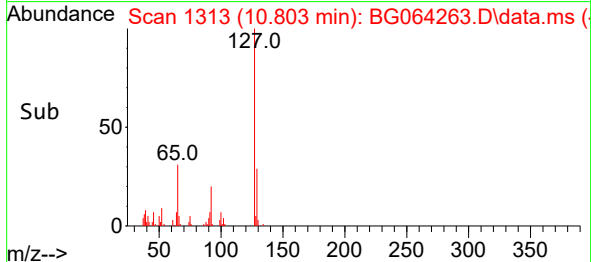
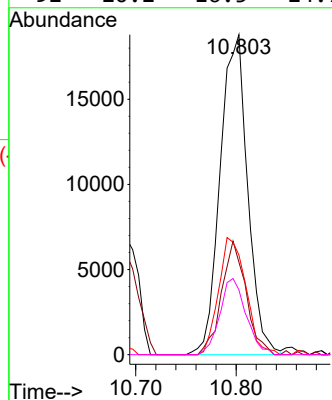
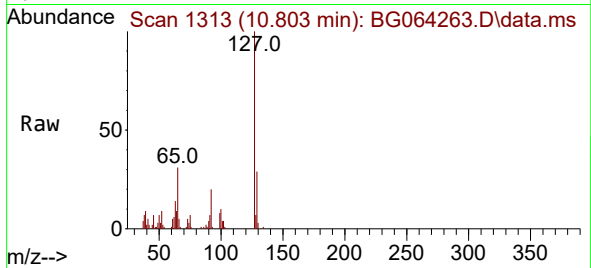




#33
4-Chloroaniline
Concen: 10.387 ng
RT: 10.803 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

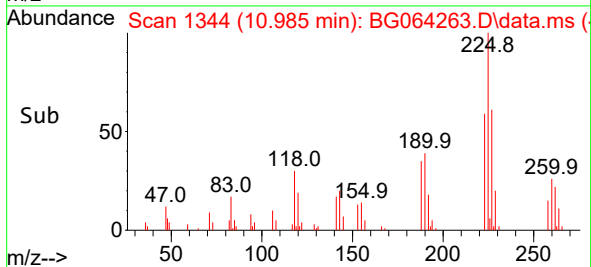
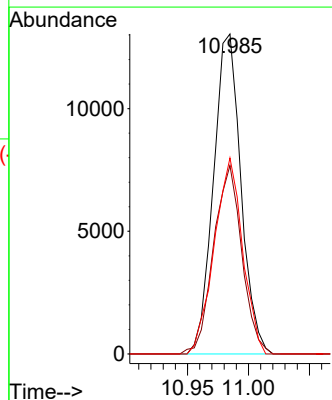
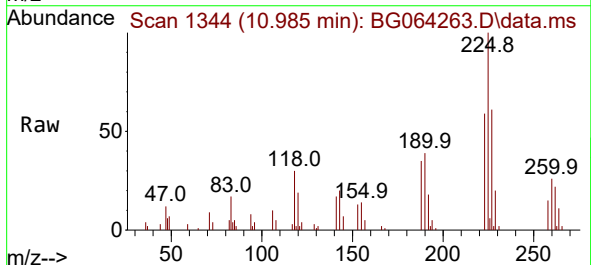
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

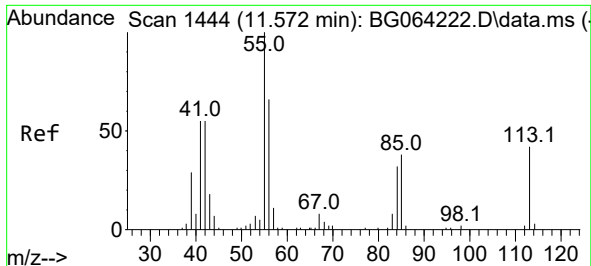
Tgt Ion:127	Resp:	35734
Ion Ratio	Lower	Upper
127	100	
129	28.9	25.0 37.4
65	31.1	28.7 43.1
92	20.2	16.5 24.7



#34
Hexachlorobutadiene
Concen: 10.220 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:225	Resp:	20447
Ion Ratio	Lower	Upper
225	100	
223	58.9	46.5 69.7
227	61.3	44.1 66.1

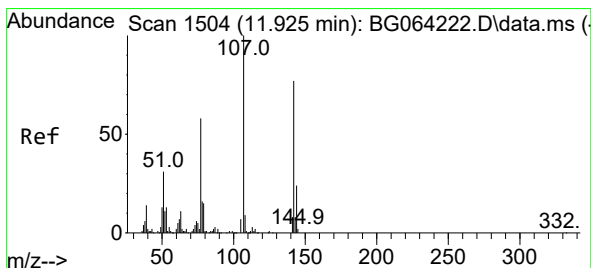
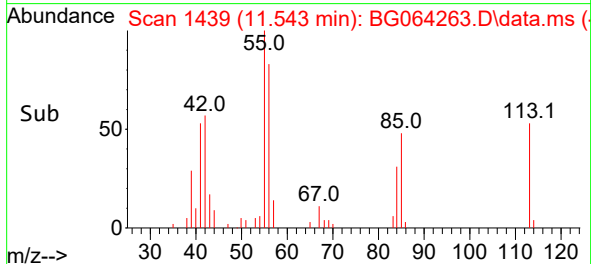
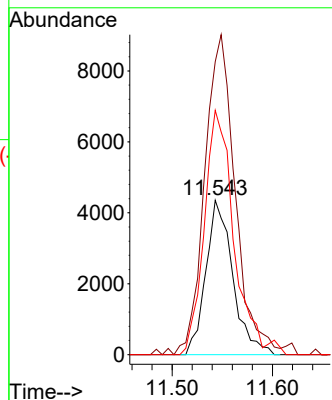
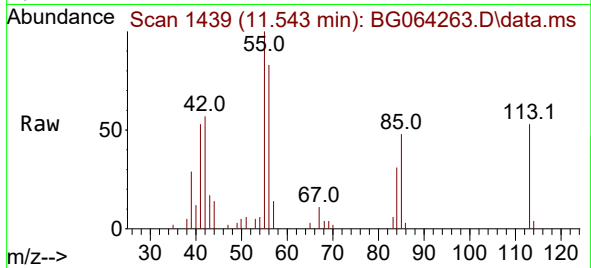




#35
 Caprolactam
 Concen: 8.178 ng
 RT: 11.543 min Scan# 1444
 Delta R.T. -0.059 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

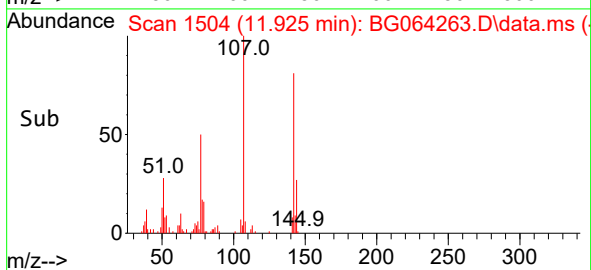
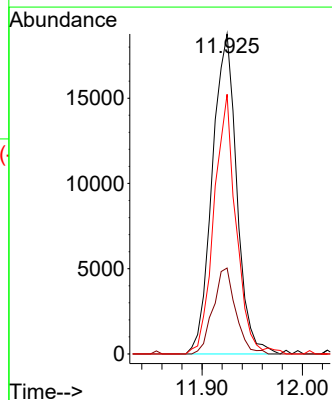
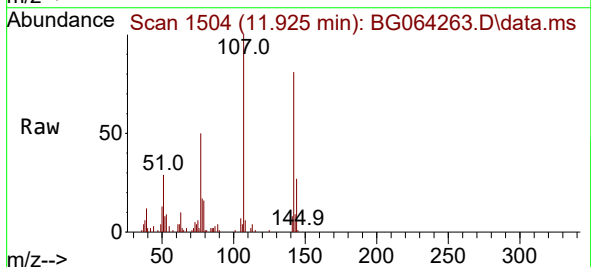
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

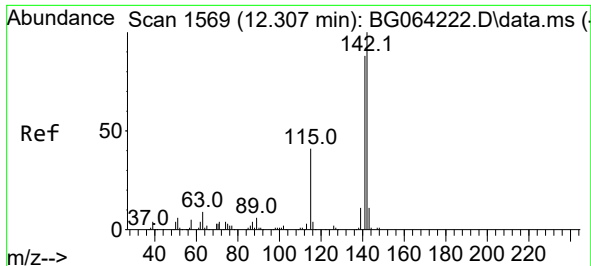
Tgt Ion:113 Resp: 8128
 Ion Ratio Lower Upper
 113 100
 55 189.8 218.5 258.5#
 56 158.3 138.5 178.5



#36
 4-Chloro-3-methylphenol
 Concen: 9.542 ng
 RT: 11.925 min Scan# 1504
 Delta R.T. -0.006 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

Tgt Ion:107 Resp: 31781
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.5 29.3
 142 81.2 62.0 93.0

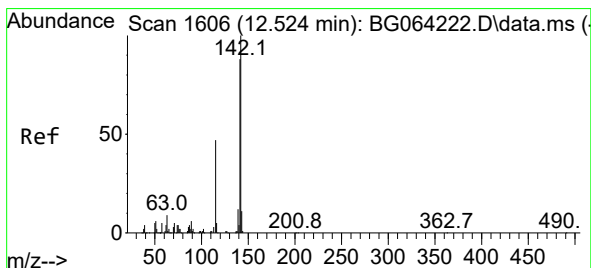
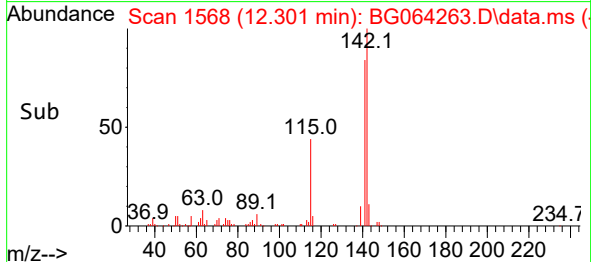
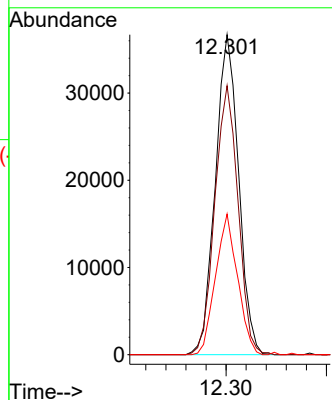
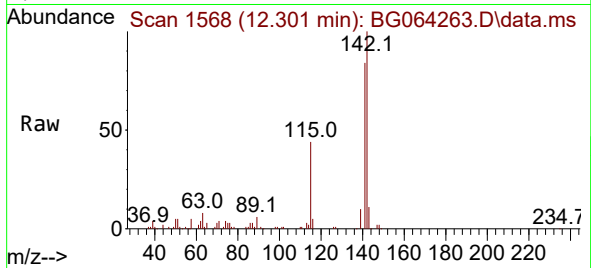




#37
2-Methylnaphthalene
Concen: 8.947 ng
RT: 12.301 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

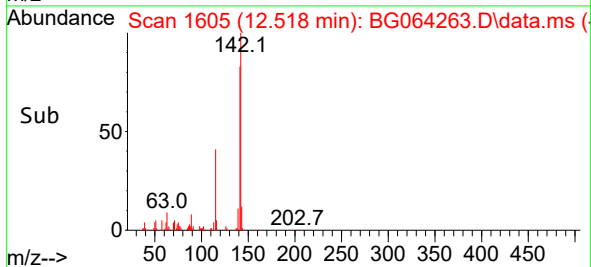
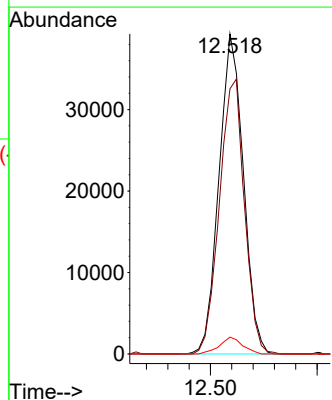
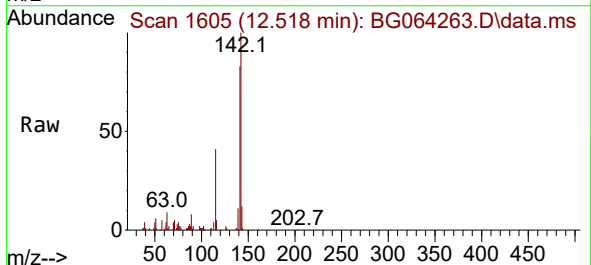
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

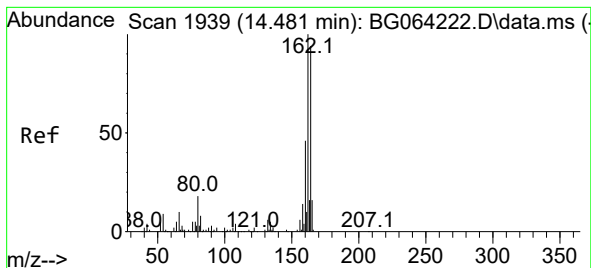
Tgt Ion:142 Resp: 59034
Ion Ratio Lower Upper
142 100
141 84.1 70.1 105.1
115 44.0 33.1 49.7



#38
1-Methylnaphthalene
Concen: 9.561 ng
RT: 12.518 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:142 Resp: 62309
Ion Ratio Lower Upper
142 100
141 82.8 70.3 105.5
116 5.3 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.475 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

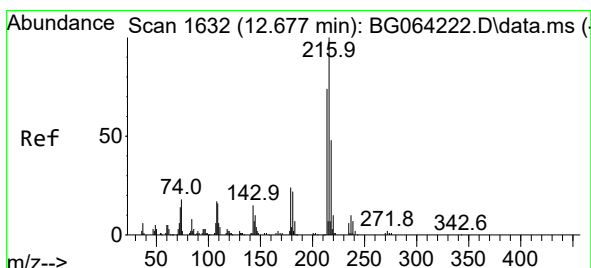
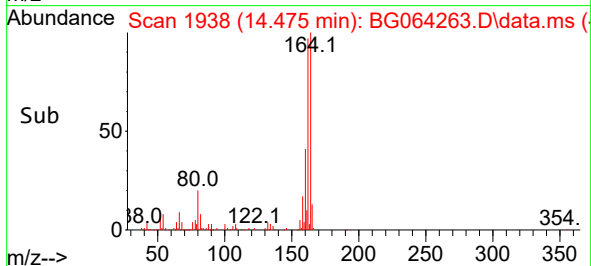
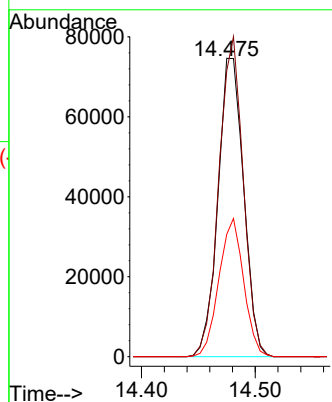
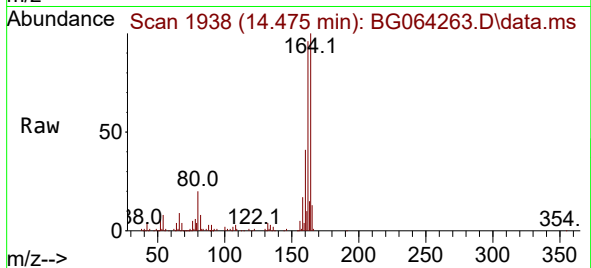
Tgt Ion:164 Resp: 117143

Ion Ratio Lower Upper

164 100

162 95.8 85.4 128.0

160 41.0 39.2 58.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.478 ng

RT: 12.671 min Scan# 1631

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Tgt Ion:216 Resp: 35416

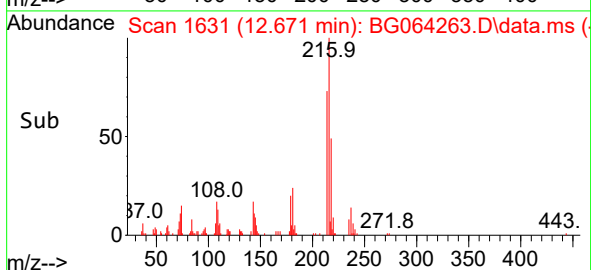
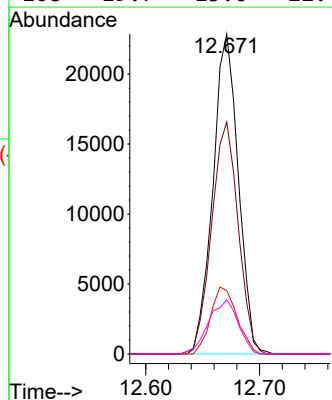
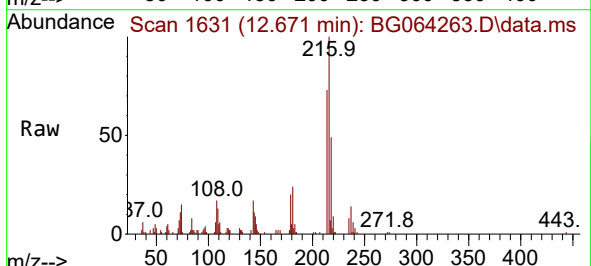
Ion Ratio Lower Upper

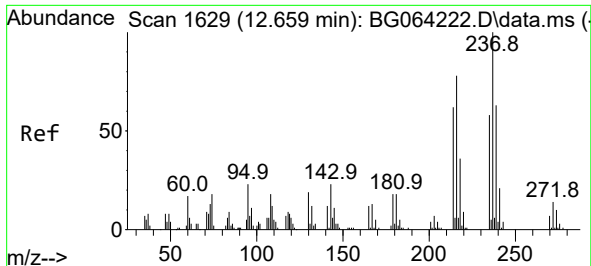
216 100

214 75.9 61.9 92.9

179 21.8 17.9 26.9

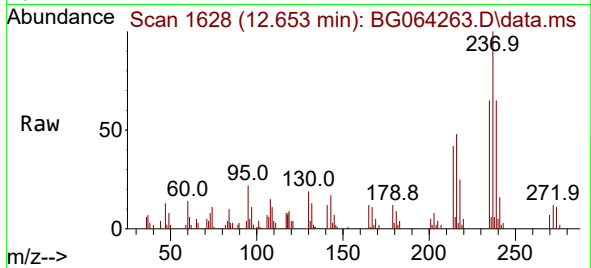
108 19.7 15.0 22.4



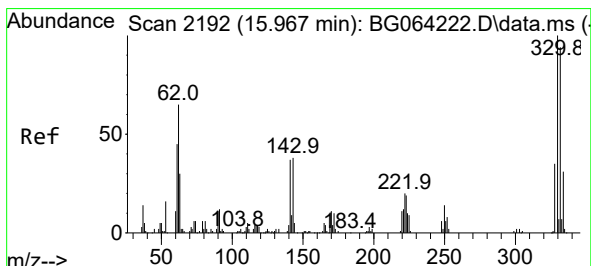
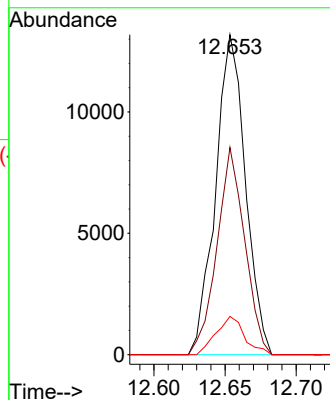
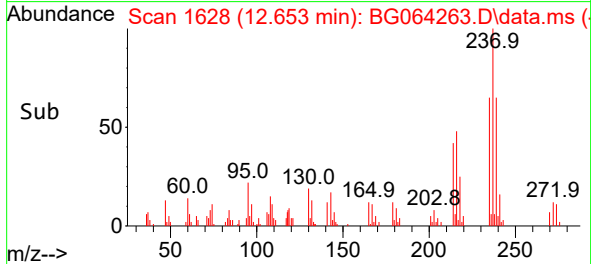


#41
Hexachlorocyclopentadiene
Concen: 12.007 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

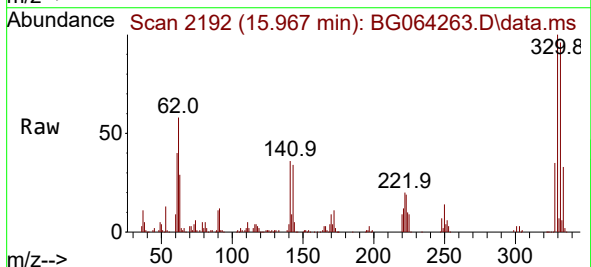
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025



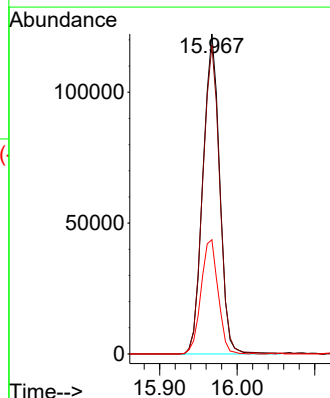
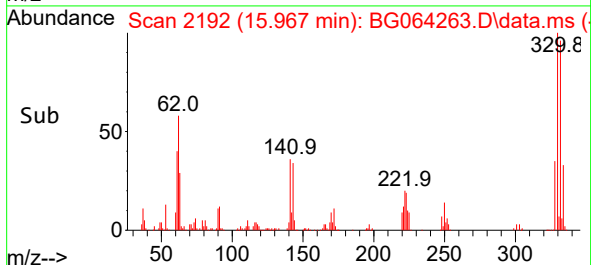
Tgt Ion:237 Resp: 19287
Ion Ratio Lower Upper
237 100
235 64.8 37.9 77.9
272 12.0 0.0 33.8

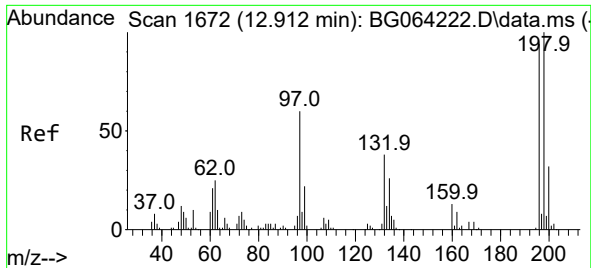


#42
2,4,6-Tribromophenol
Concen: 117.633 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15



Tgt Ion:330 Resp: 182521
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 36.5 29.8 44.6

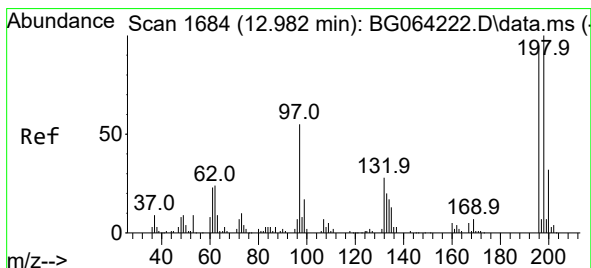
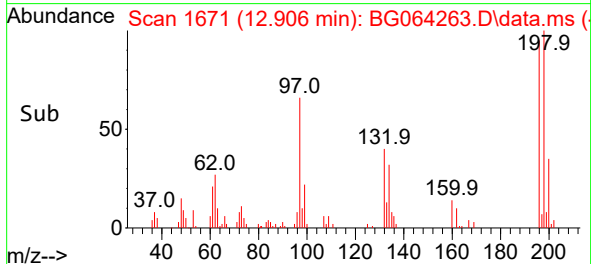
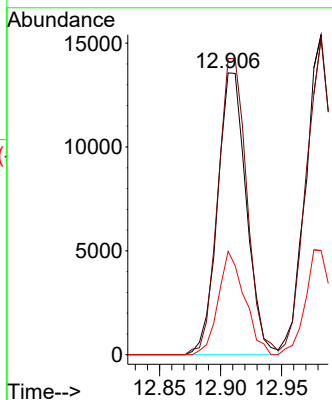
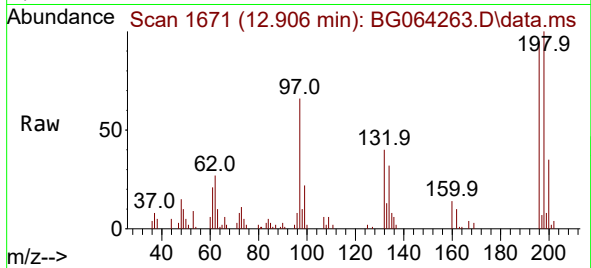




#43
2,4,6-Trichlorophenol
Concen: 9.918 ng
RT: 12.906 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

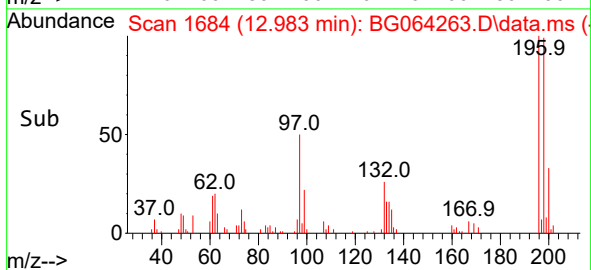
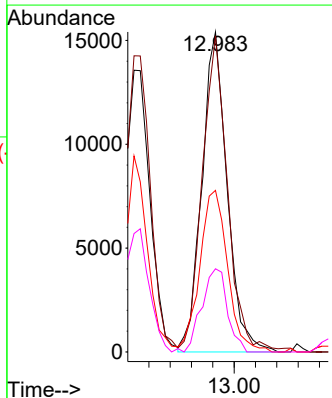
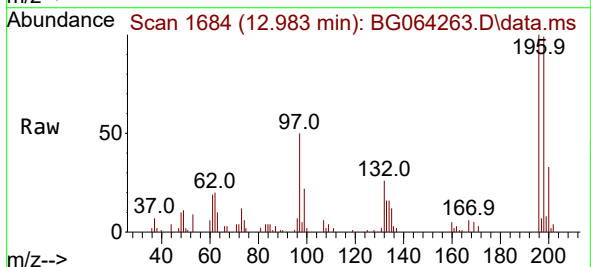
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

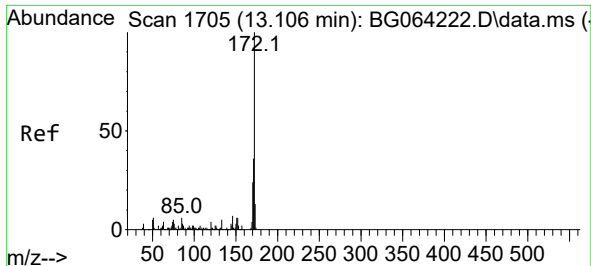
Tgt Ion:196 Resp: 22406
Ion Ratio Lower Upper
196 100
198 105.1 85.4 128.2
200 36.7 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 10.358 ng
RT: 12.983 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:196 Resp: 25383
Ion Ratio Lower Upper
196 100
198 98.8 84.5 126.7
97 50.5 46.8 70.2
132 26.0 23.4 35.2

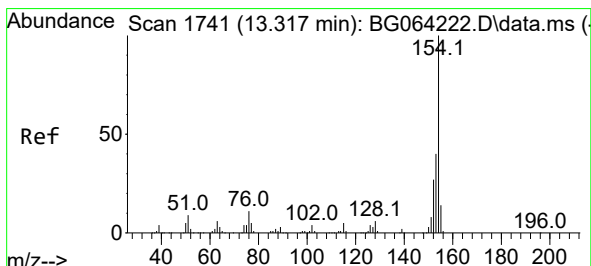
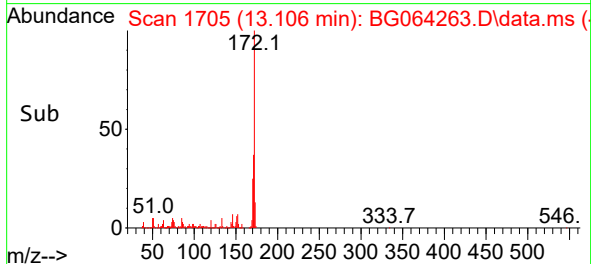
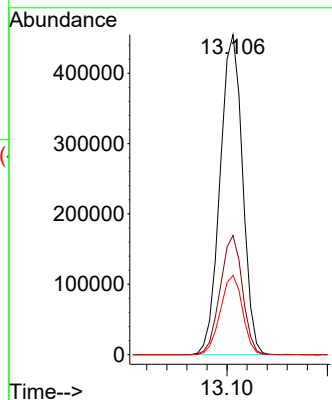
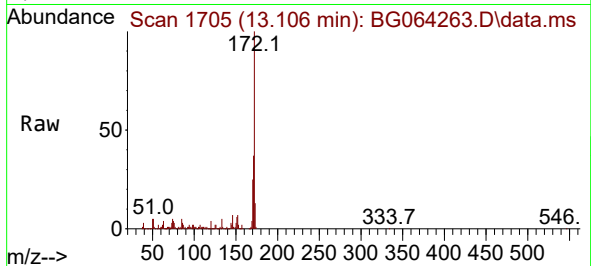




#45
2-Fluorobiphenyl
Concen: 92.039 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

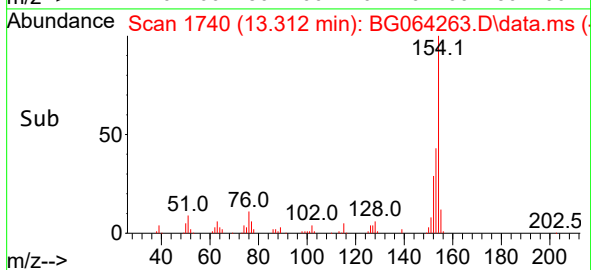
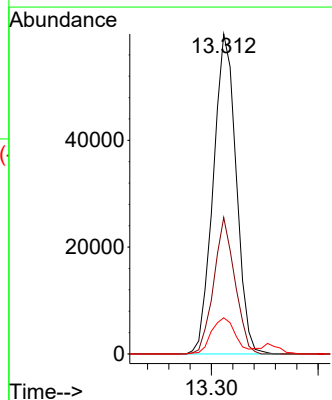
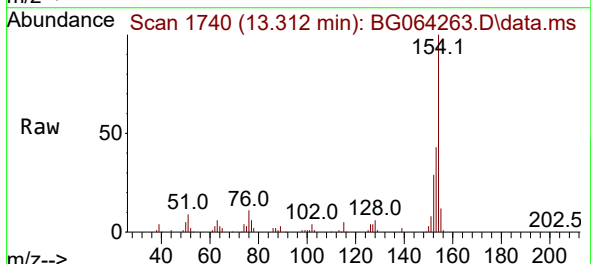
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

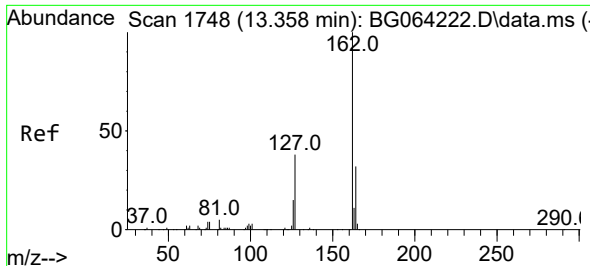
Tgt Ion:172 Resp: 706375
Ion Ratio Lower Upper
172 100
171 37.2 28.7 43.1
170 24.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 10.485 ng
RT: 13.312 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:154 Resp: 89455
Ion Ratio Lower Upper
154 100
153 42.7 19.9 59.9
76 11.3 0.0 30.9

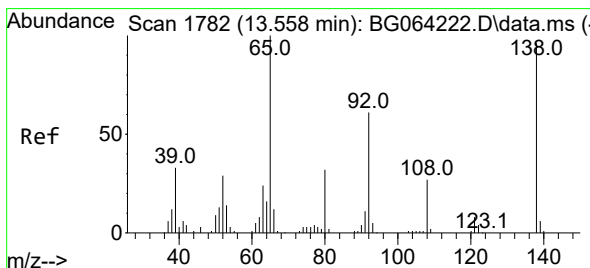
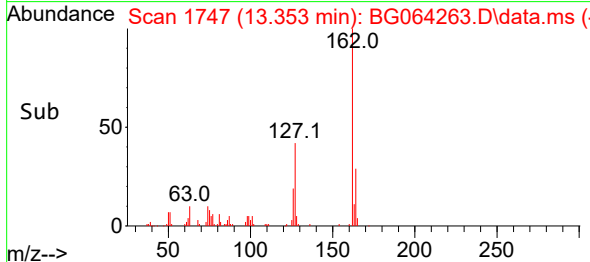
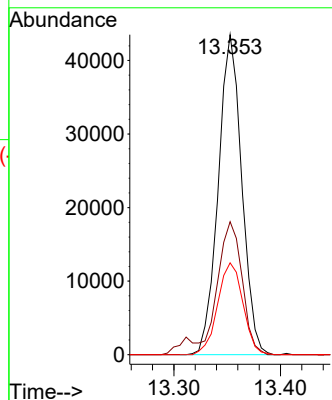
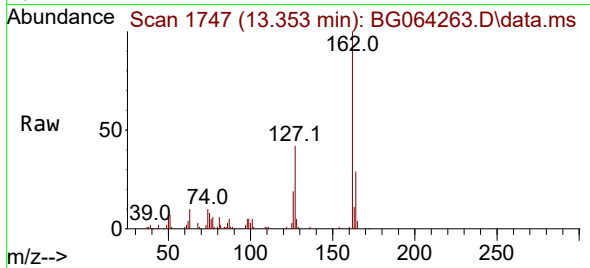




#47
2-Chloronaphthalene
Concen: 10.377 ng
RT: 13.353 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

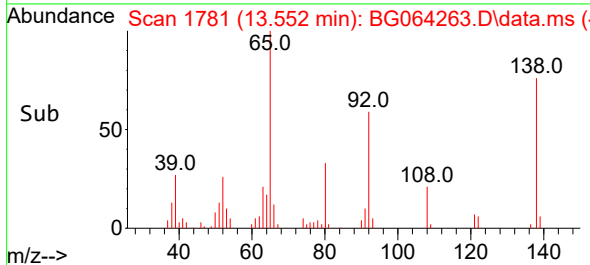
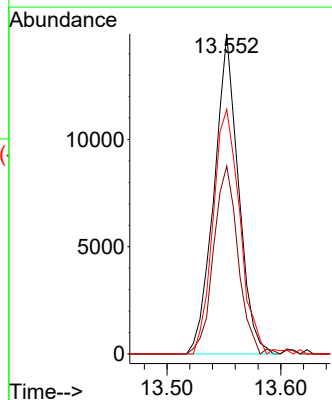
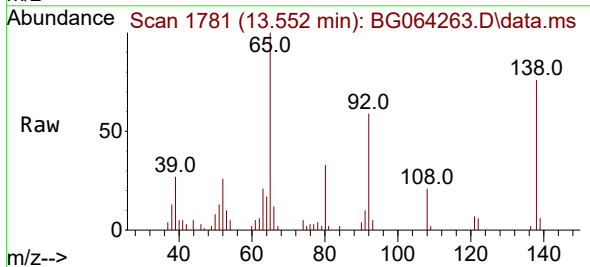
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

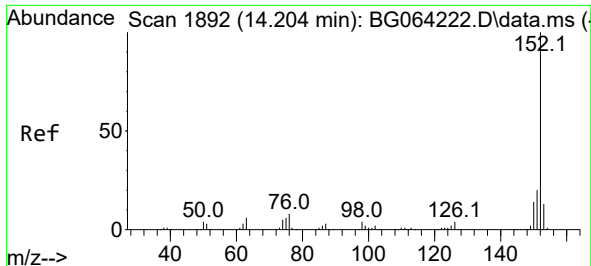
Tgt Ion:162 Resp: 66562
Ion Ratio Lower Upper
162 100
127 41.6 33.9 50.9
164 28.7 25.4 38.2



#48
2-Nitroaniline
Concen: 10.147 ng
RT: 13.552 min Scan# 1781
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 65 Resp: 22184
Ion Ratio Lower Upper
65 100
92 58.7 49.2 73.8
138 76.4 76.8 115.2#

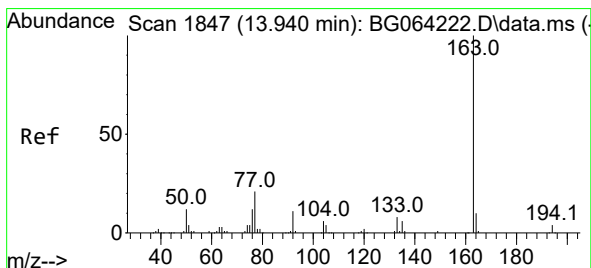
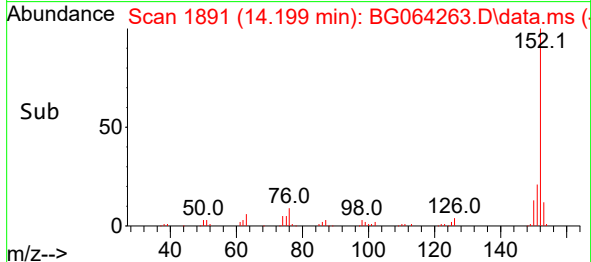
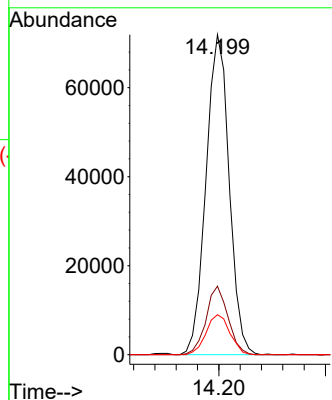
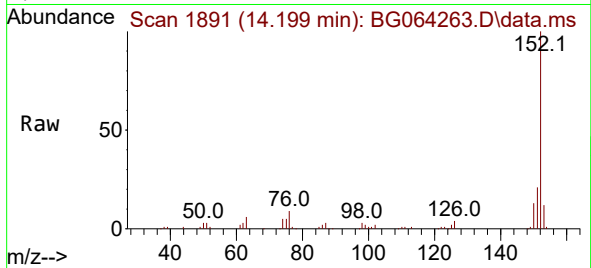




#49
Acenaphthylene
Concen: 11.451 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

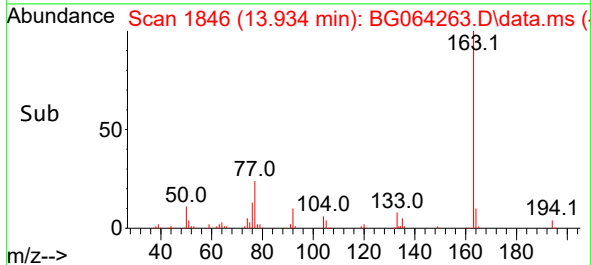
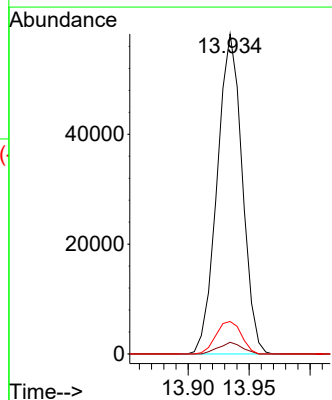
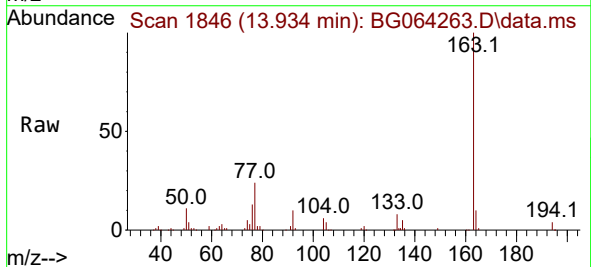
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

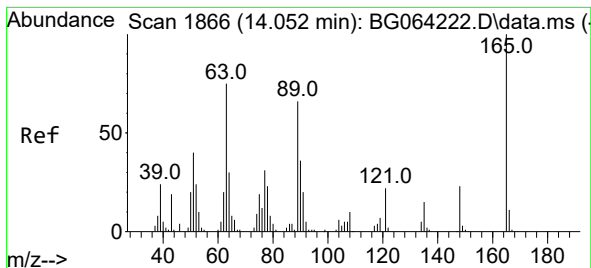
Tgt Ion:152 Resp: 108578
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 12.5 10.1 15.1



#50
Dimethylphthalate
Concen: 9.379 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:163 Resp: 83165
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 7.9 11.9

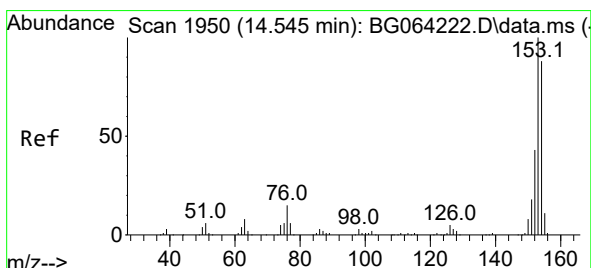
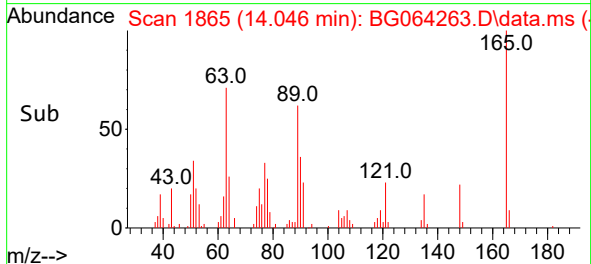
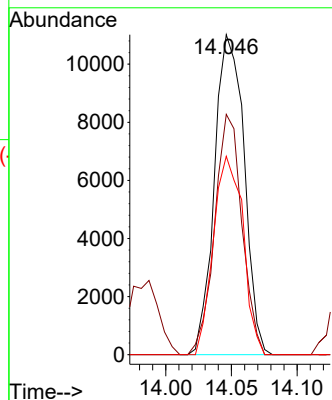
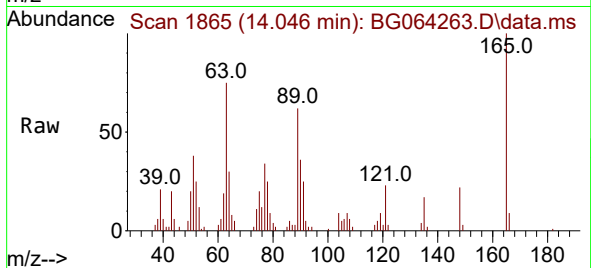




#51
2,6-Dinitrotoluene
Concen: 10.087 ng
RT: 14.046 min Scan# 1865
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

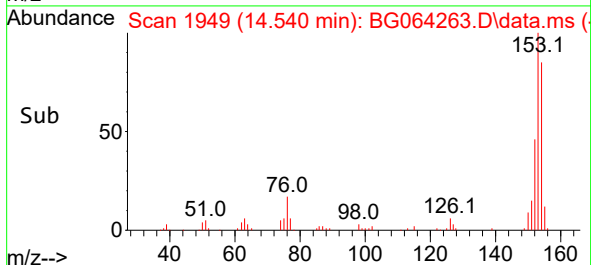
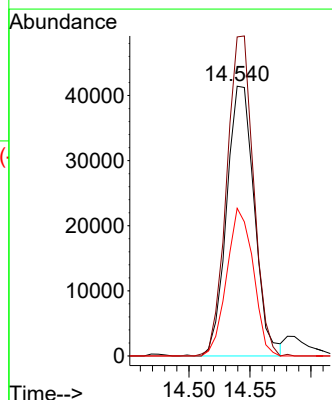
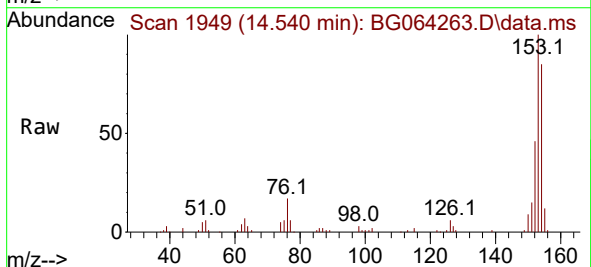
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

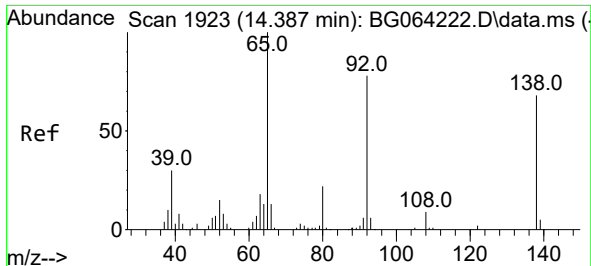
Tgt Ion:165 Resp: 17314
Ion Ratio Lower Upper
165 100
63 75.1 60.3 90.5
89 62.0 52.9 79.3



#52
Acenaphthene
Concen: 9.792 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:154 Resp: 65520
Ion Ratio Lower Upper
154 100
153 118.2 91.1 136.7
152 54.7 39.6 59.4

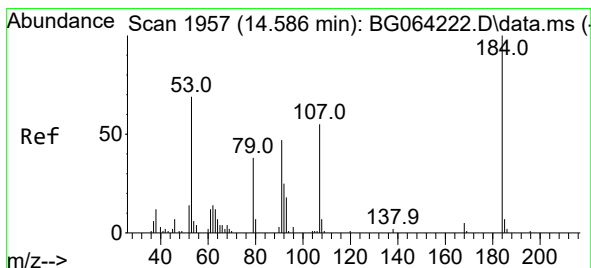
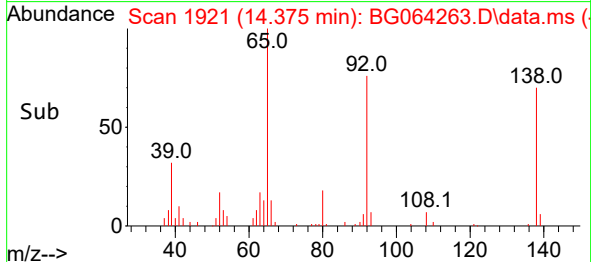
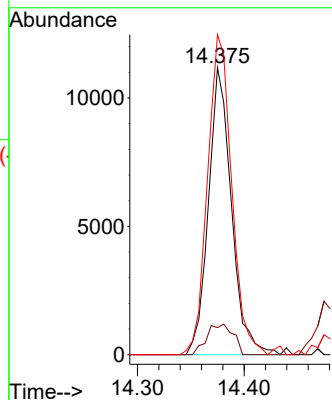
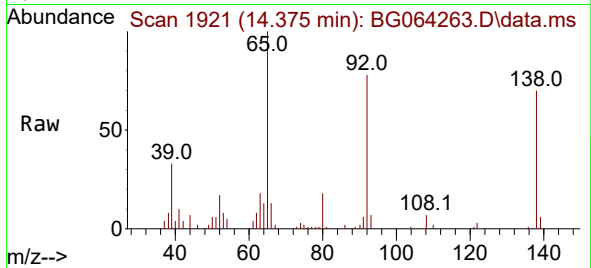




#53
3-Nitroaniline
Concen: 9.316 ng
RT: 14.375 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

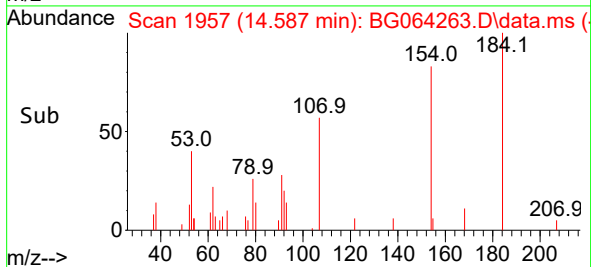
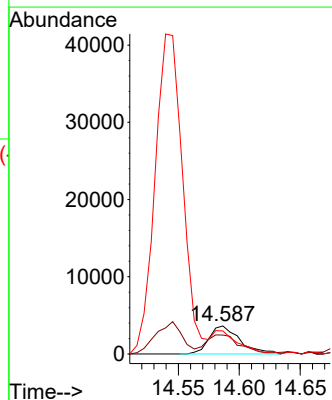
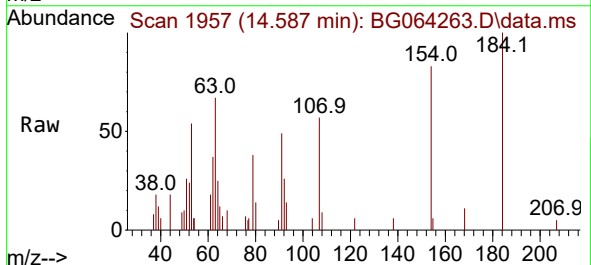
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

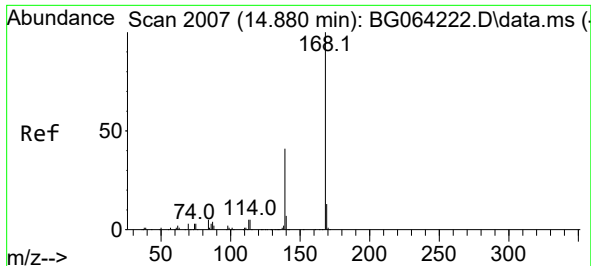
Tgt Ion:138 Resp: 16751
Ion Ratio Lower Upper
138 100
108 9.4 11.0 16.6#
92 111.4 91.4 137.0



#54
2,4-Dinitrophenol
Concen: 10.925 ng
RT: 14.587 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:184 Resp: 6364
Ion Ratio Lower Upper
184 100
63 67.4 60.1 90.1
154 82.7 59.8 89.8

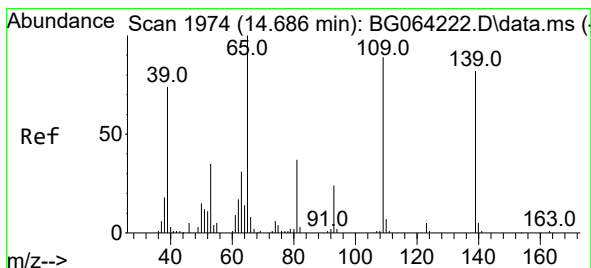
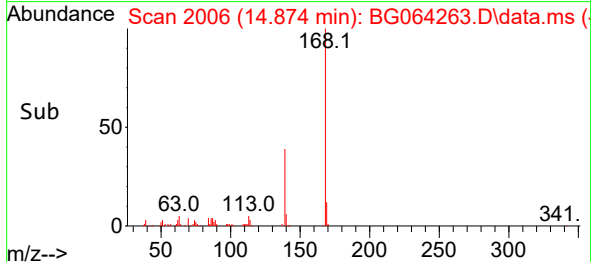
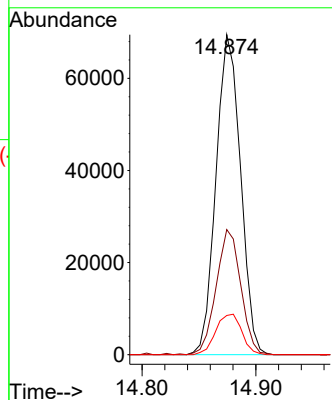
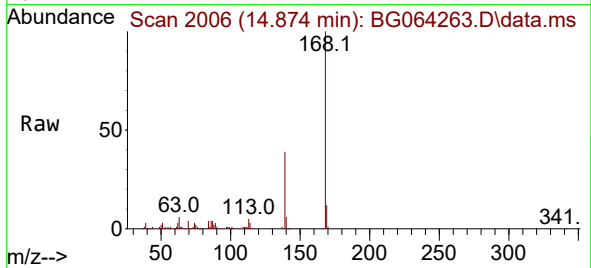




#55
Dibenzofuran
Concen: 9.894 ng
RT: 14.874 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

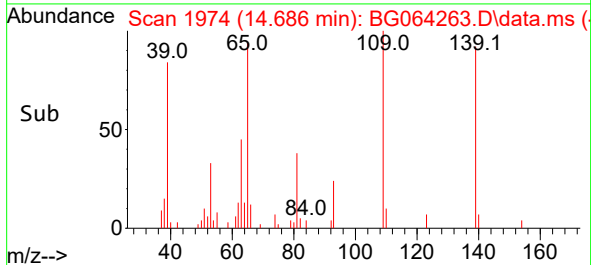
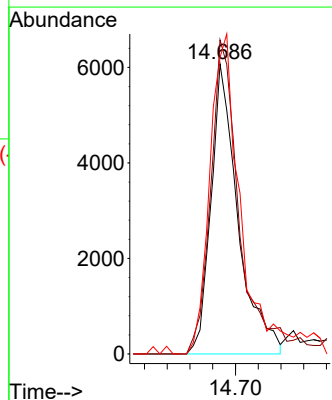
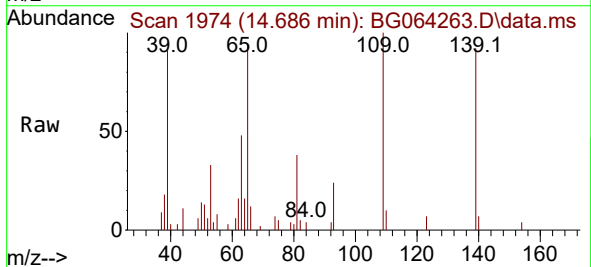
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

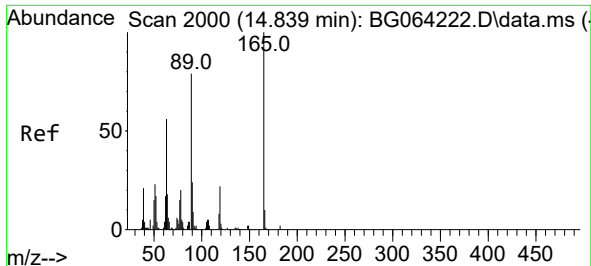
Tgt Ion:168 Resp: 104132
Ion Ratio Lower Upper
168 100
139 39.1 33.2 49.8
169 12.2 10.4 15.6



#56
4-Nitrophenol
Concen: 6.782 ng
RT: 14.686 min Scan# 1974
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

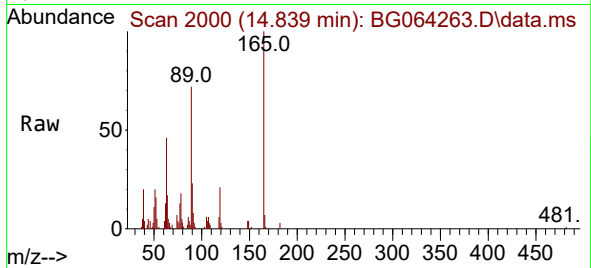
Tgt Ion:139 Resp: 10003
Ion Ratio Lower Upper
139 100
109 108.3 89.1 129.1
65 102.3 102.9 142.9#



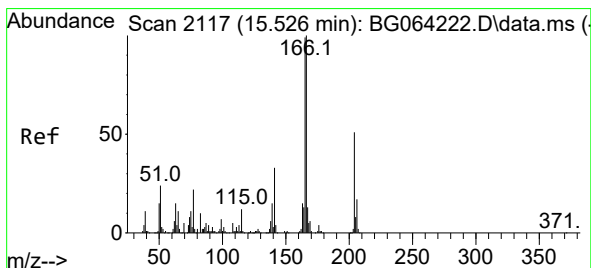
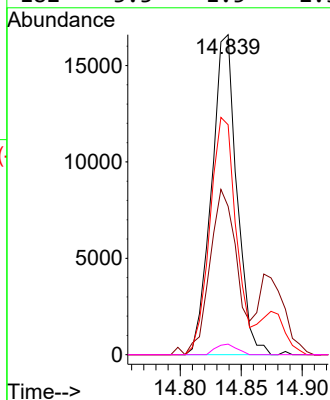
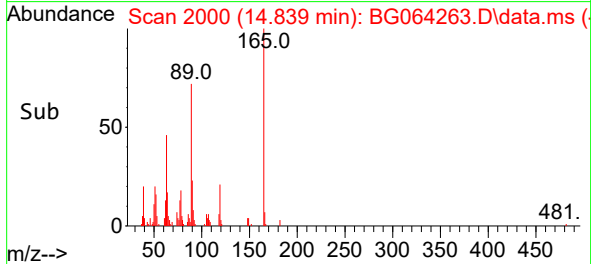


#57
2,4-Dinitrotoluene
Concen: 9.240 ng
RT: 14.839 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

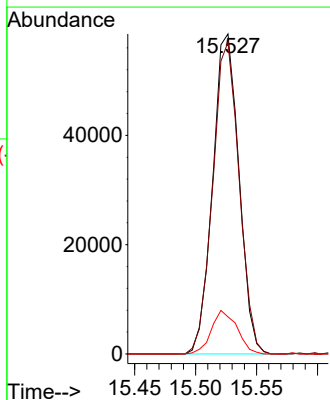
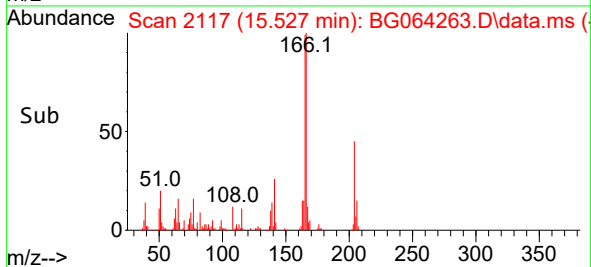
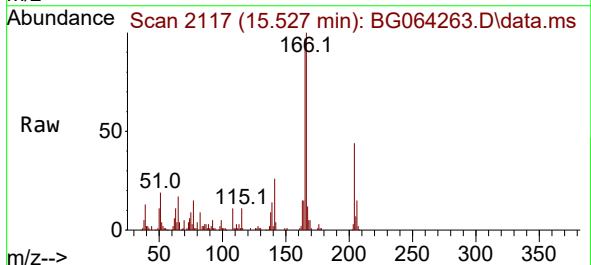


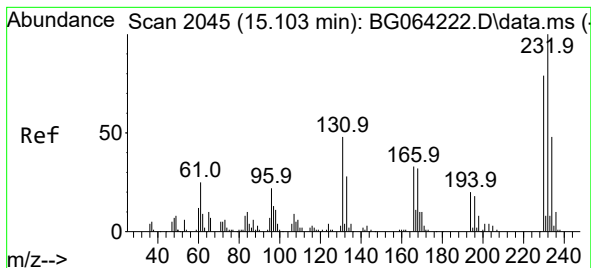
Tgt Ion:165 Resp: 23981
Ion Ratio Lower Upper
165 100
63 46.3 44.6 67.0
89 71.8 63.0 94.4
182 3.3 1.5 2.3#



#58
Fluorene
Concen: 10.175 ng
RT: 15.527 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:166 Resp: 87776
Ion Ratio Lower Upper
166 100
165 97.4 79.1 118.7
167 11.6 10.2 15.4

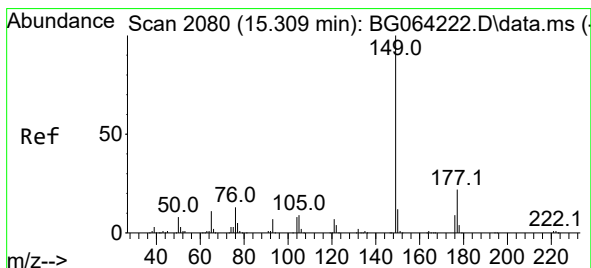
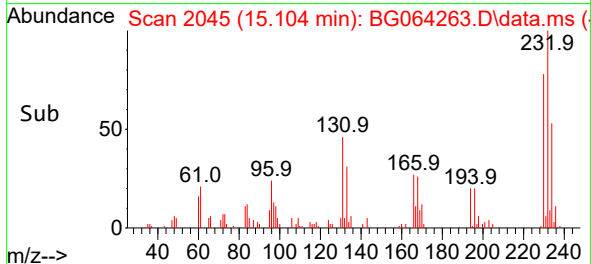
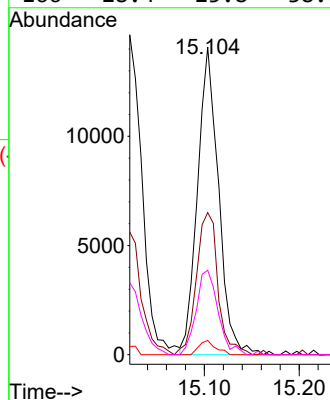
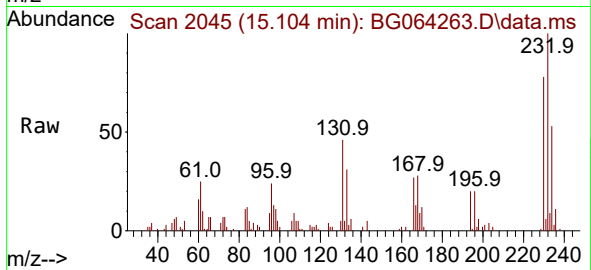




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.226 ng
RT: 15.104 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

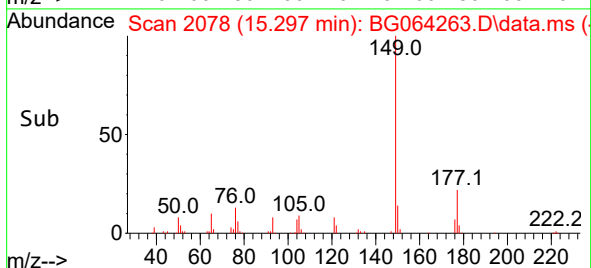
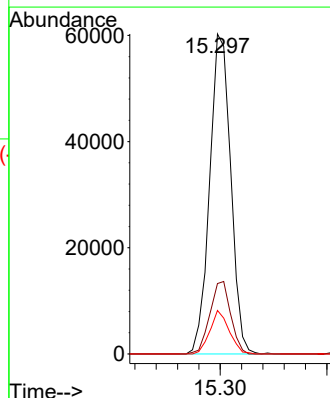
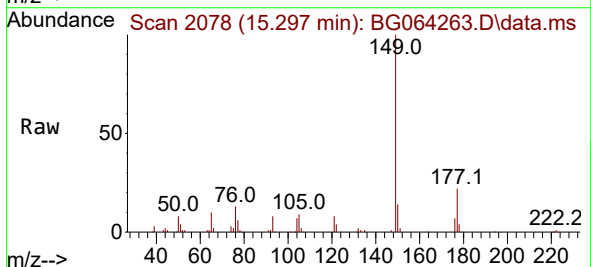
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

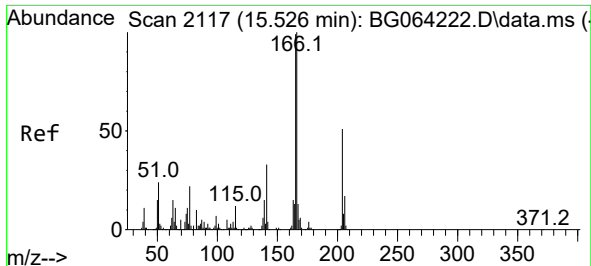
Tgt Ion:232 Resp: 21746
Ion Ratio Lower Upper
232 100
131 47.3 37.1 55.7
130 3.7 2.6 3.8
166 28.4 25.8 38.6



#60
Diethylphthalate
Concen: 8.699 ng
RT: 15.297 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:149 Resp: 82551
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 13.6 9.9 14.9

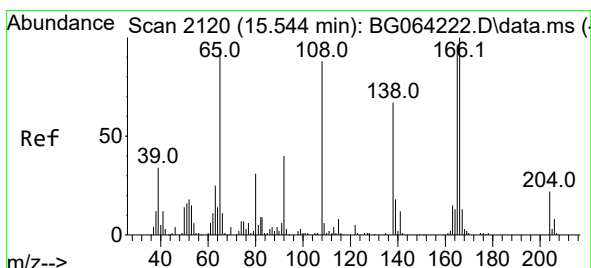
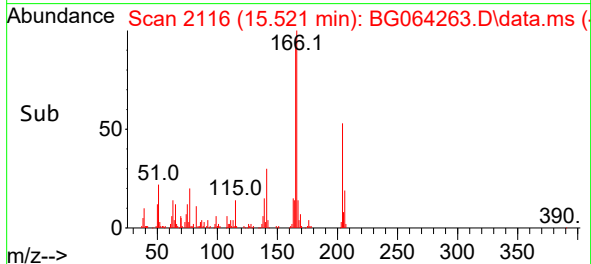
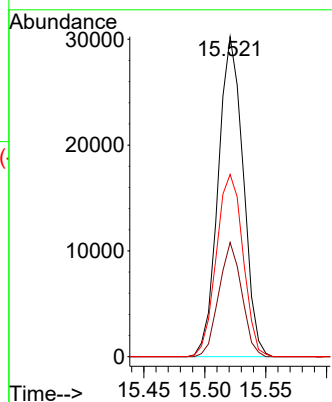
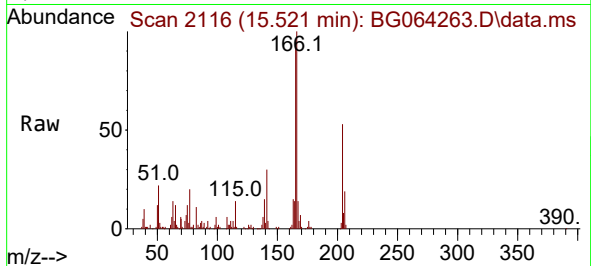




#61
4-Chlorophenyl-phenylether
Concen: 10.039 ng
RT: 15.521 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

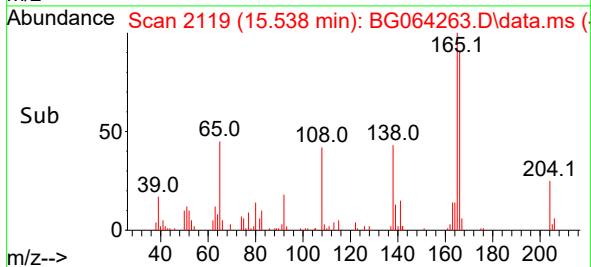
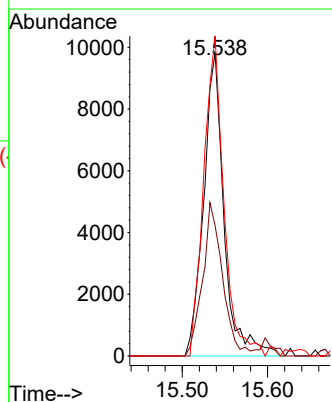
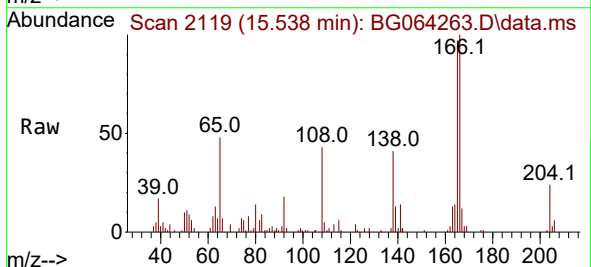
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

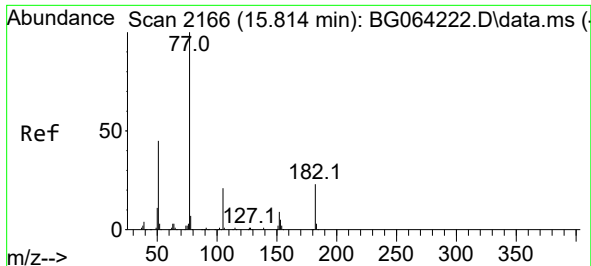
Tgt Ion:204 Resp: 43178
Ion Ratio Lower Upper
204 100
206 35.7 26.2 39.4
141 56.9 51.9 77.9



#62
4-Nitroaniline
Concen: 8.899 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:138 Resp: 16327
Ion Ratio Lower Upper
138 100
92 43.0 39.1 79.1
108 105.6 111.3 151.3#

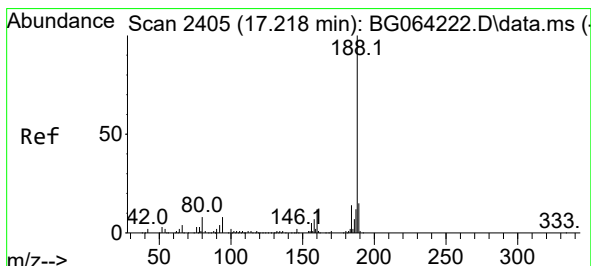
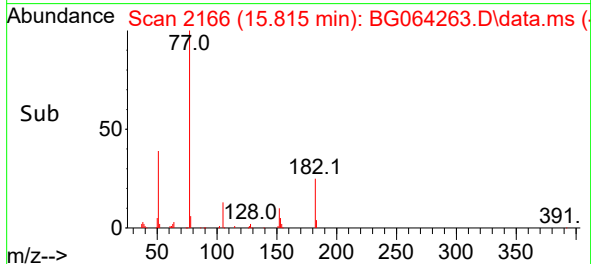
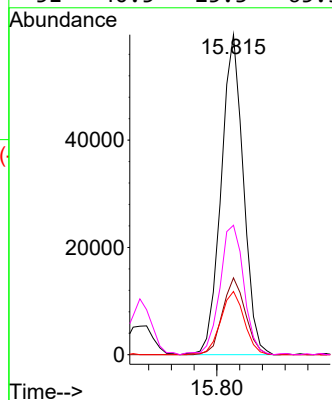
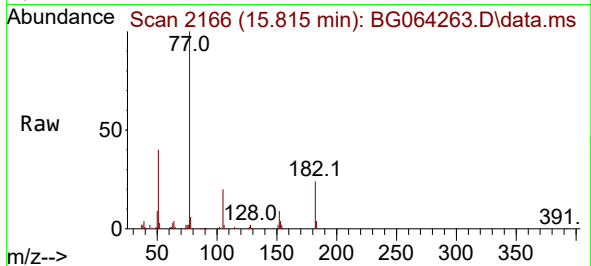




#63
Azobenzene
Concen: 9.577 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

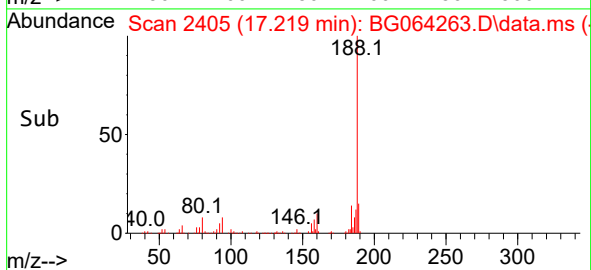
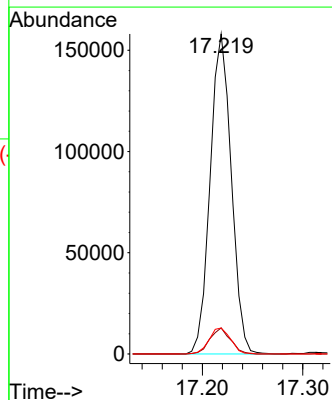
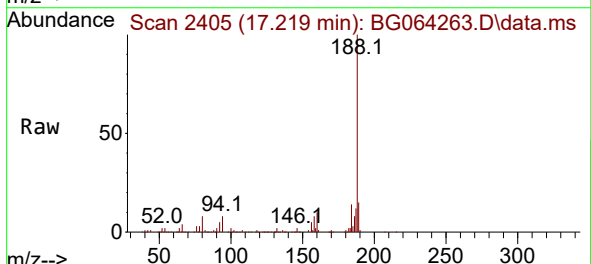
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

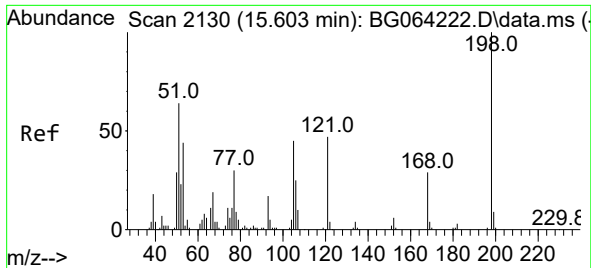
Tgt Ion: 77 Resp: 81003
Ion Ratio Lower Upper
77 100
182 24.0 3.3 43.3
105 19.7 0.6 40.6
51 40.5 25.3 65.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion: 188 Resp: 230928
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.4
80 8.1 6.8 10.2

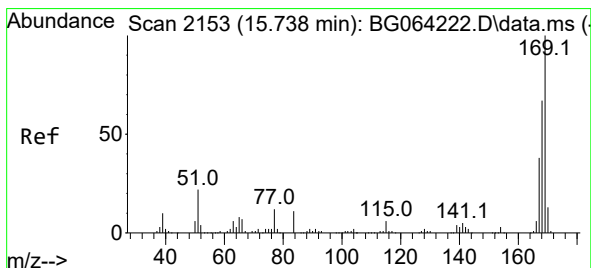
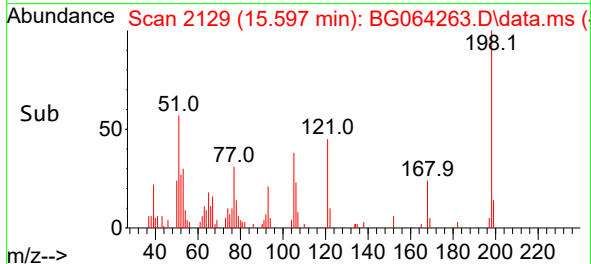
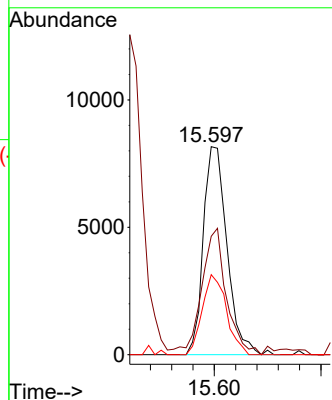
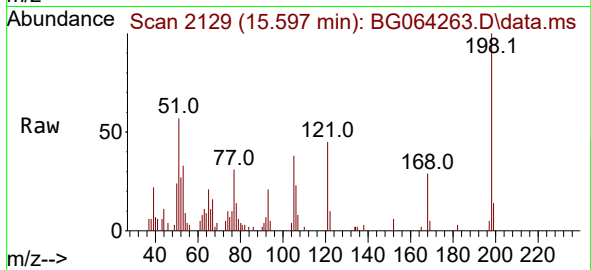




#65
4,6-Dinitro-2-methylphenol
Concen: 9.528 ng
RT: 15.597 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

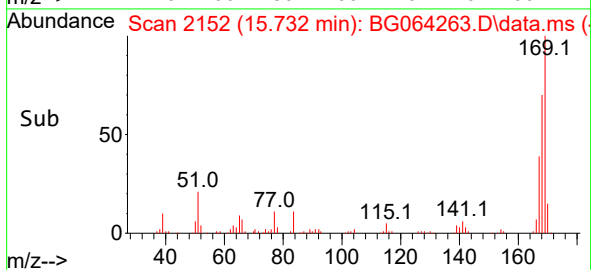
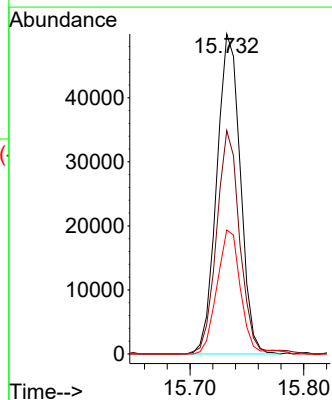
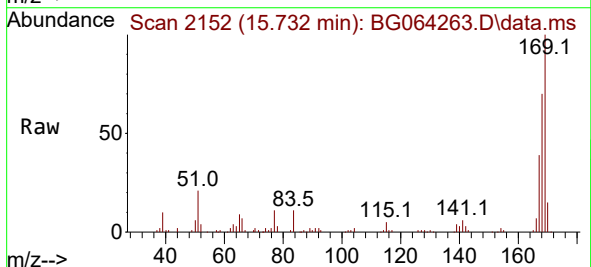
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

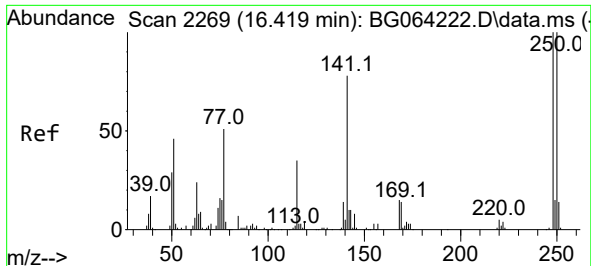
Tgt Ion:198 Resp: 12633
Ion Ratio Lower Upper
198 100
51 56.9 46.2 86.2
105 38.4 25.0 65.0



#66
n-Nitrosodiphenylamine
Concen: 11.314 ng
RT: 15.732 min Scan# 2152
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:169 Resp: 71875
Ion Ratio Lower Upper
169 100
168 69.8 53.8 80.8
167 38.8 30.2 45.2

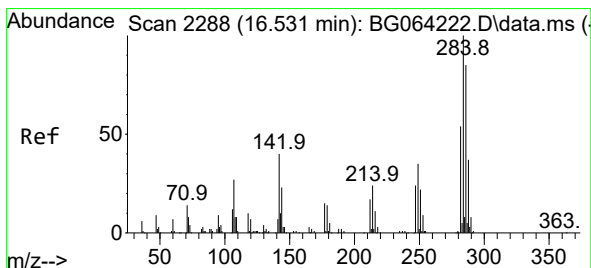
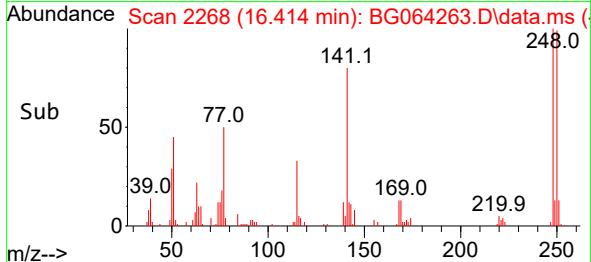
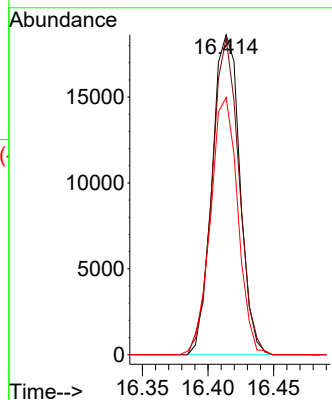
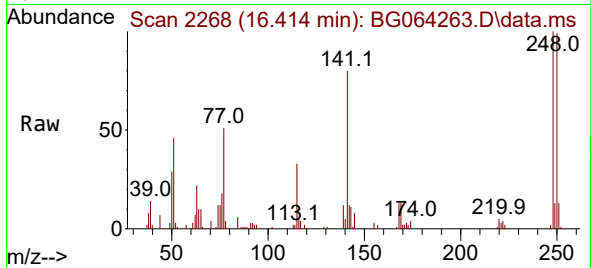




#67
4-Bromophenyl-phenylether
Concen: 11.139 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

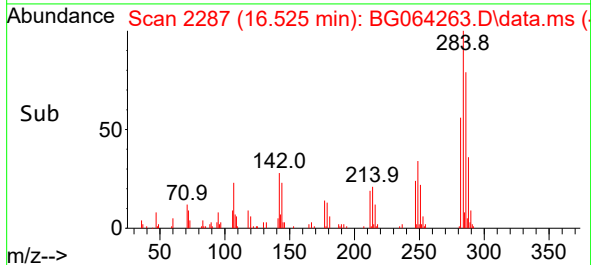
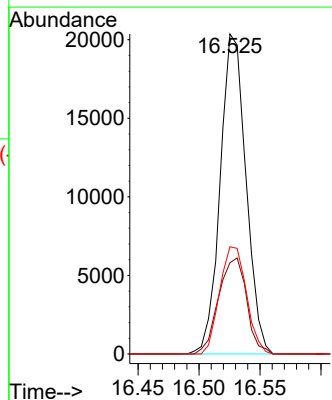
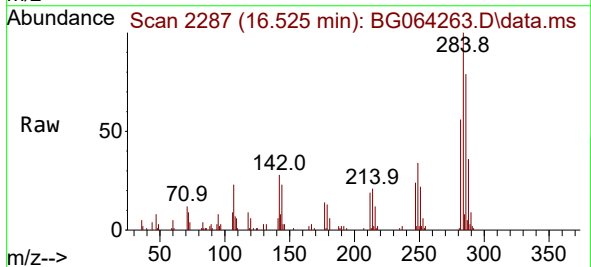
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

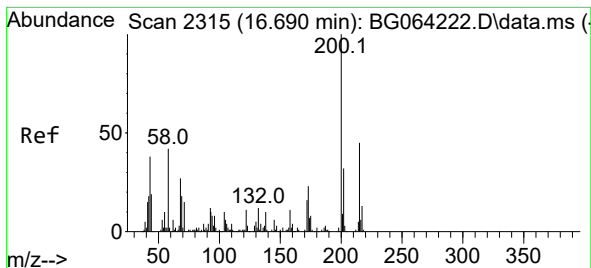
Tgt Ion:248 Resp: 27320
Ion Ratio Lower Upper
248 100
250 99.0 80.2 120.4
141 80.4 62.4 93.6



#68
Hexachlorobenzene
Concen: 10.997 ng
RT: 16.525 min Scan# 2287
Delta R.T. -0.012 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:284 Resp: 29954
Ion Ratio Lower Upper
284 100
142 28.5 32.1 48.1#
249 33.5 28.3 42.5





#69

Atrazine

Concen: 9.914 ng

RT: 16.678 min Scan# 21

Delta R.T. -0.018 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

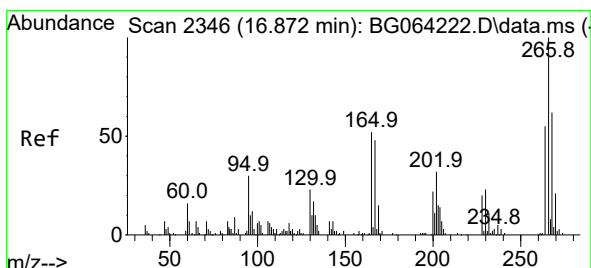
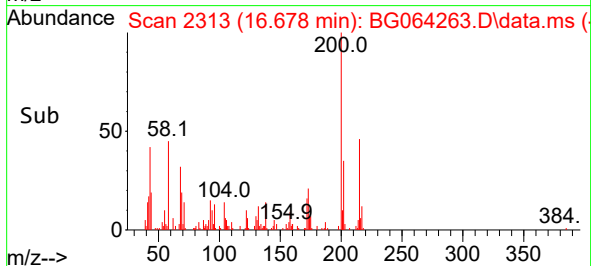
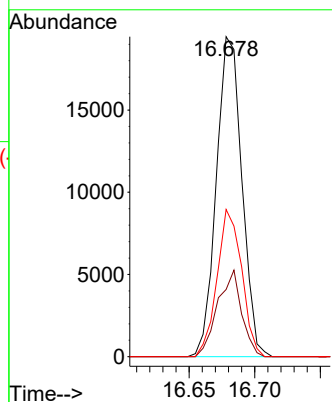
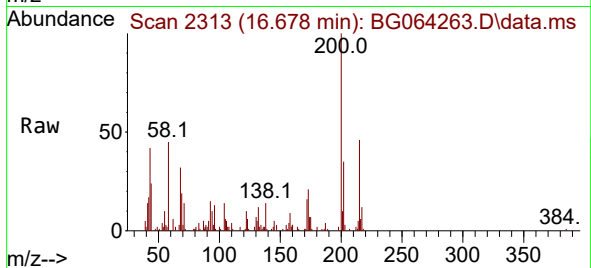
Tgt Ion:200 Resp: 26297

Ion Ratio Lower Upper

200 100

173 21.0 3.5 43.5

215 46.0 24.8 64.8



#70

Pentachlorophenol

Concen: 8.842 ng

RT: 16.872 min Scan# 2346

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

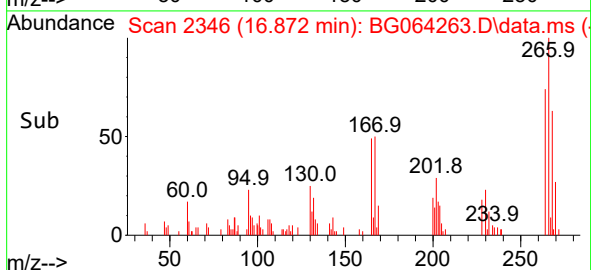
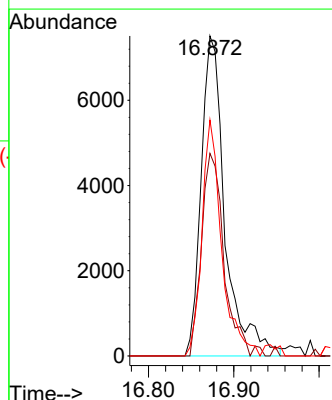
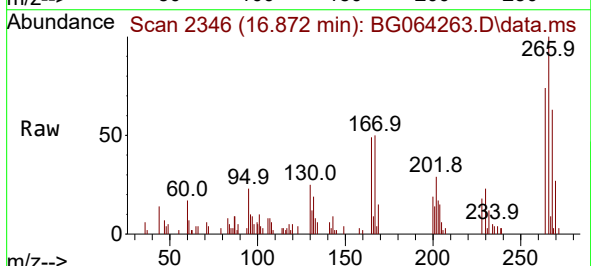
Tgt Ion:266 Resp: 14603

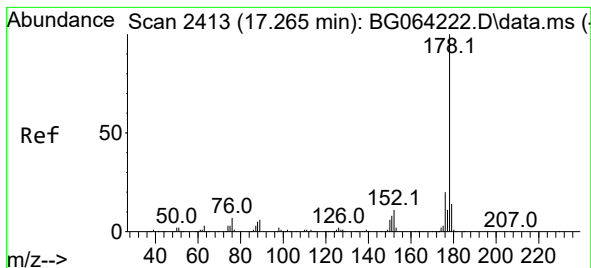
Ion Ratio Lower Upper

266 100

268 66.3 49.4 74.0

264 73.8 44.3 66.5#





#71

Phenanthrene

Concen: 10.157 ng

RT: 17.260 min Scan# 2413

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

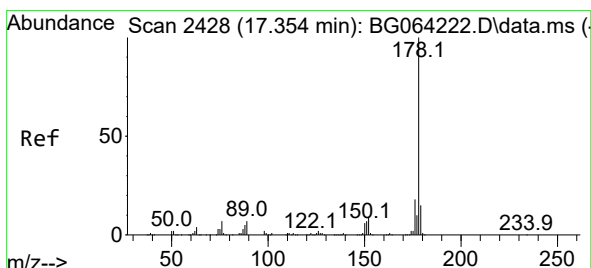
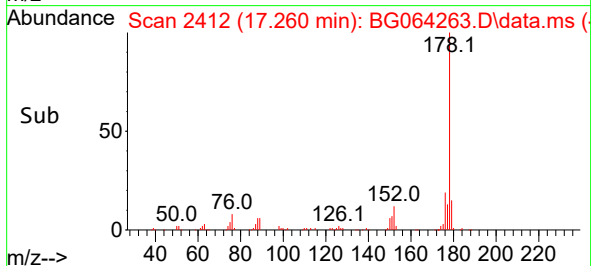
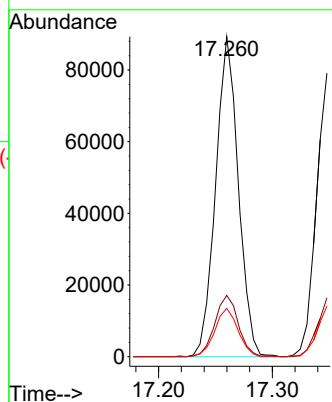
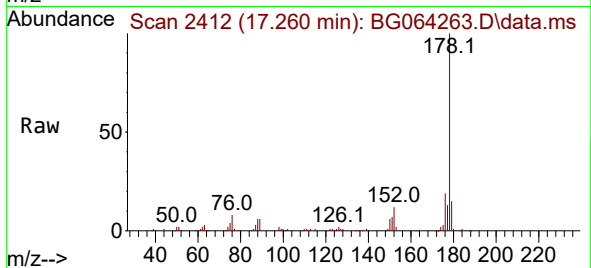
Tgt Ion:178 Resp: 123707

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

179 15.1 11.4 17.2



#72

Anthracene

Concen: 10.220 ng

RT: 17.354 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

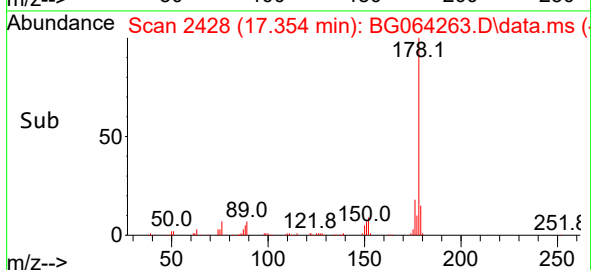
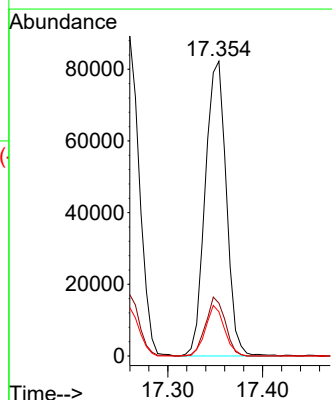
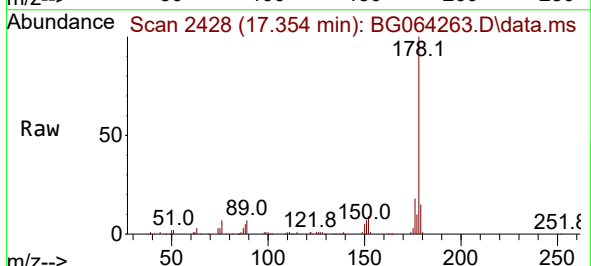
Tgt Ion:178 Resp: 126617

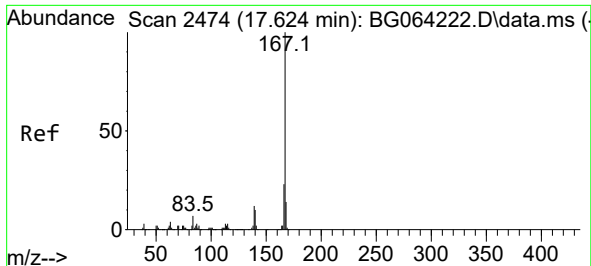
Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 15.0 12.1 18.1

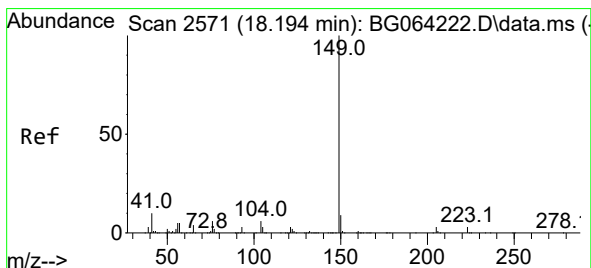
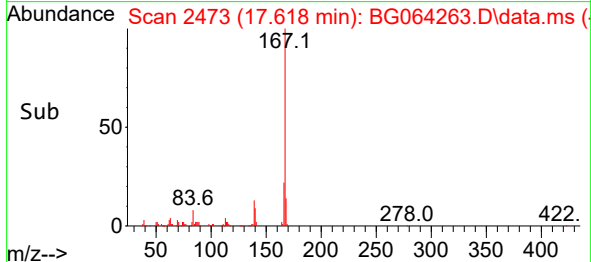
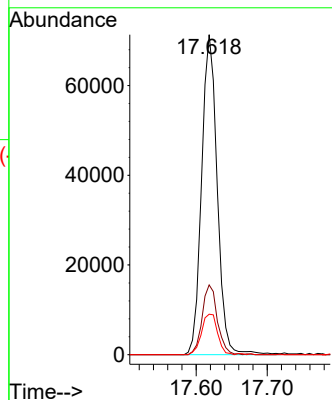
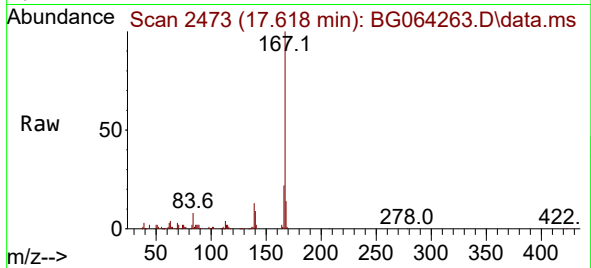




#73
Carbazole
Concen: 10.009 ng
RT: 17.618 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

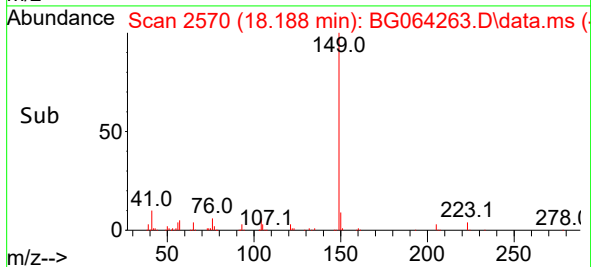
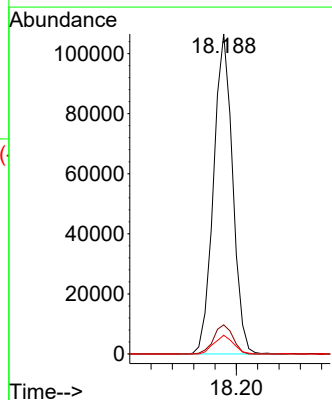
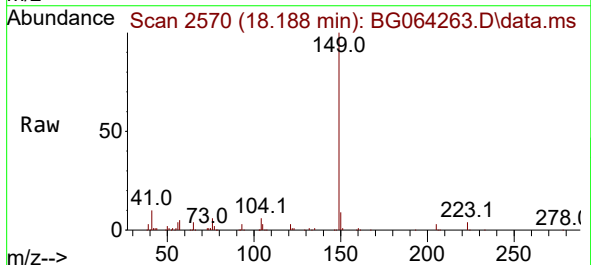
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

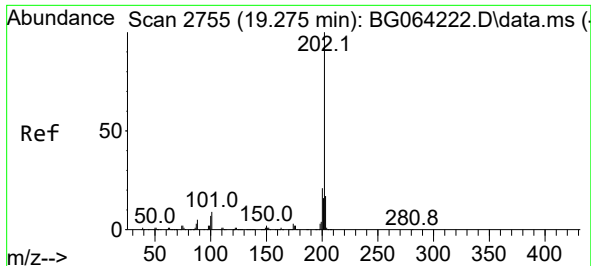
Tgt Ion:167 Resp: 109239
Ion Ratio Lower Upper
167 100
166 21.8 18.2 27.2
139 12.7 9.8 14.6



#74
Di-n-butylphthalate
Concen: 10.092 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:149 Resp: 132338
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.9 4.6 7.0

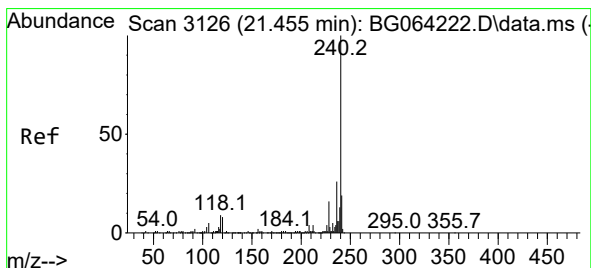
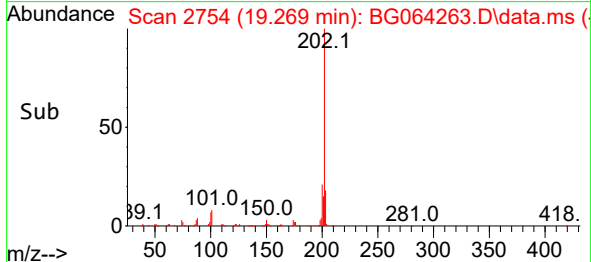
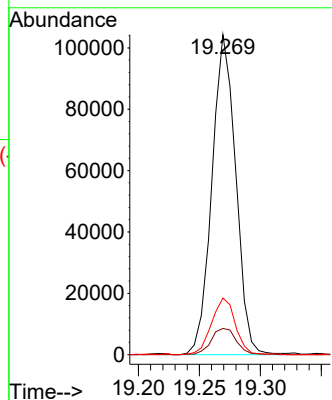
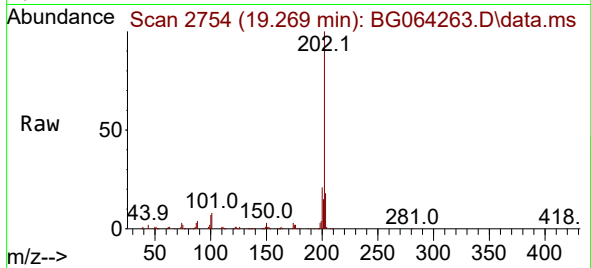




#75
Fluoranthene
Concen: 9.900 ng
RT: 19.269 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

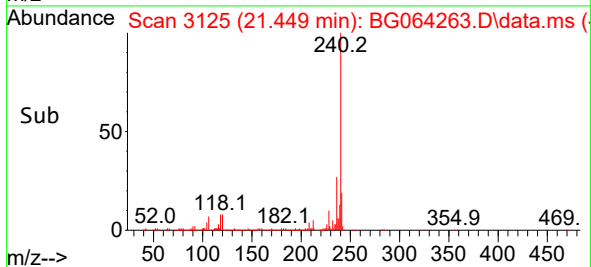
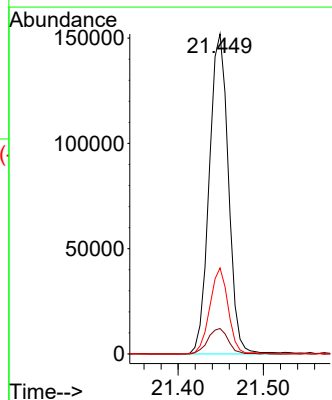
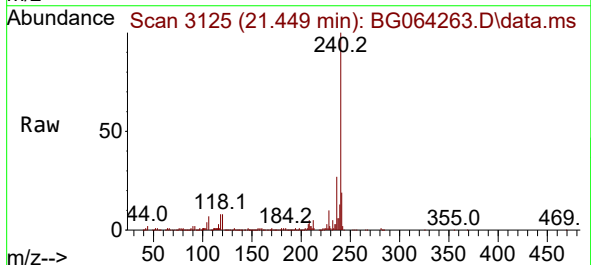
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

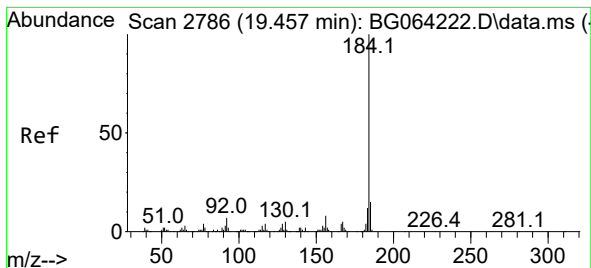
Tgt Ion:202 Resp: 141777
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.7 0.0 36.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:240 Resp: 237019
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 26.9 20.5 30.7





#77

Benzidine

Concen: 13.982 ng

RT: 19.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

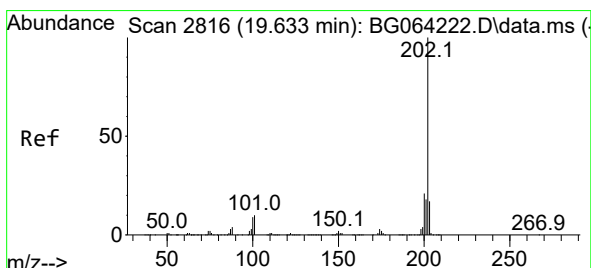
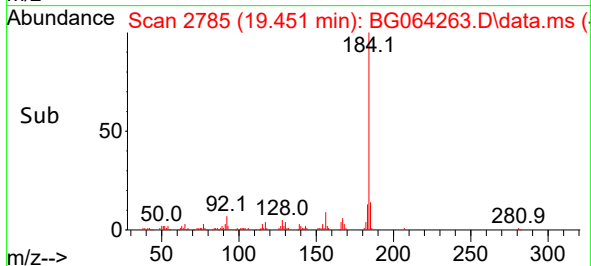
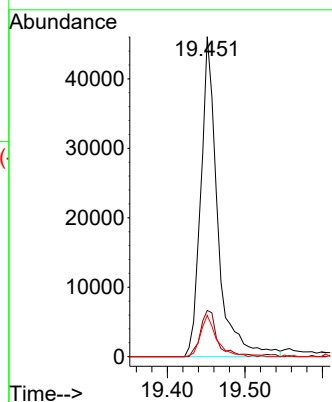
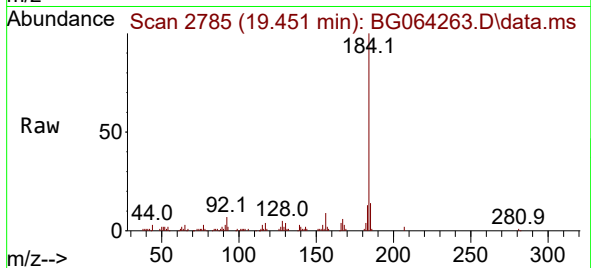
Tgt Ion:184 Resp: 69717

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

183 12.9 9.7 14.5



#78

Pyrene

Concen: 10.274 ng

RT: 19.634 min Scan# 2816

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

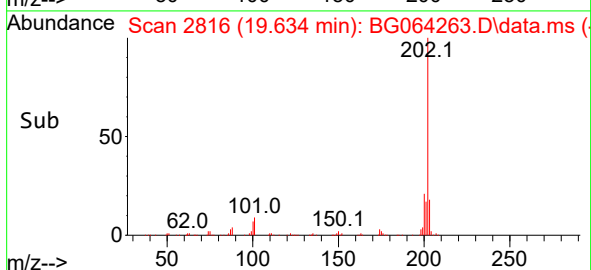
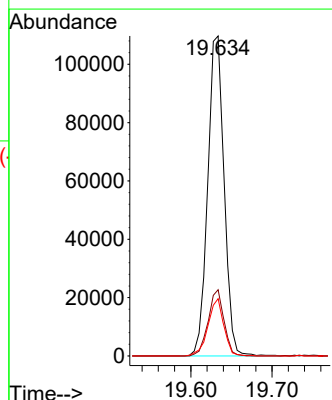
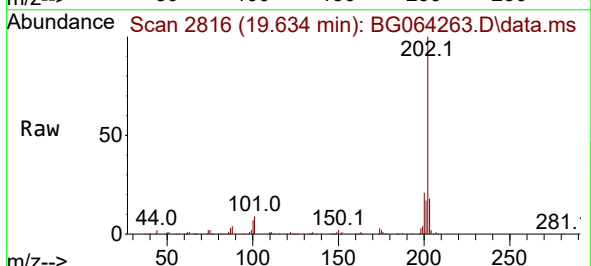
Tgt Ion:202 Resp: 153420

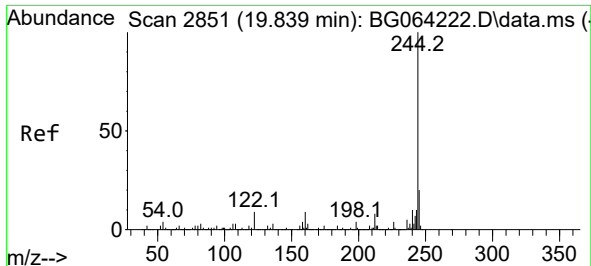
Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

203 17.9 13.8 20.8

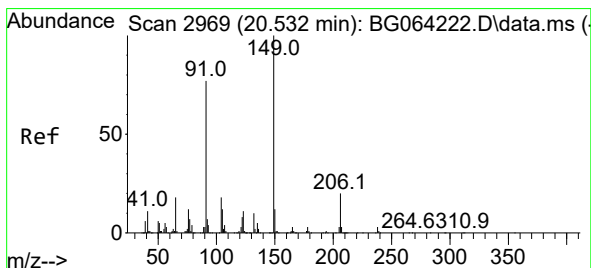
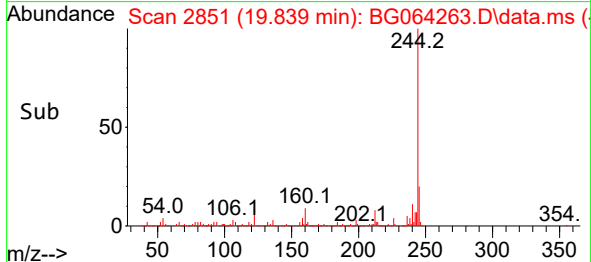
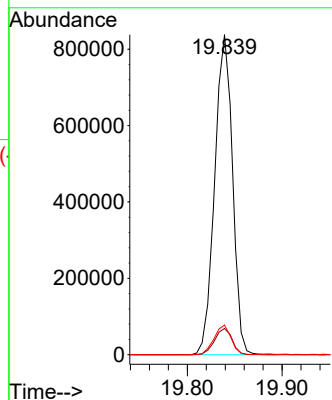
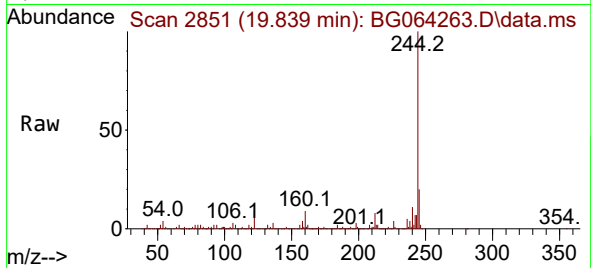




#79
 Terphenyl-d14
 Concen: 96.226 ng
 RT: 19.839 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

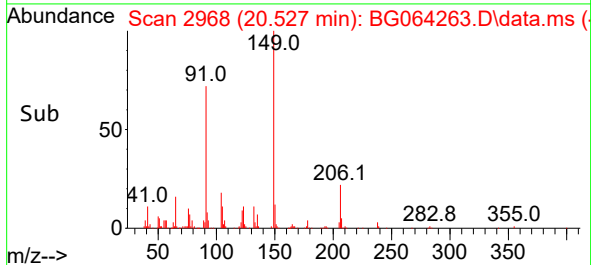
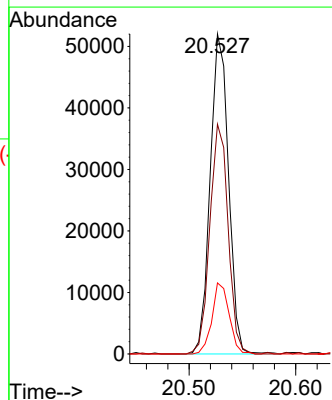
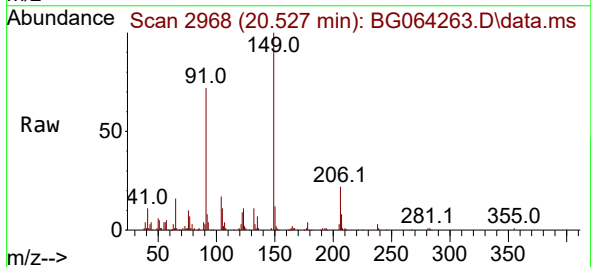
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

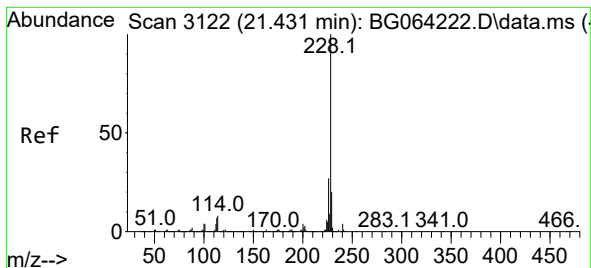
Tgt Ion:244 Resp: 1093174
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 9.3 7.0 10.6



#80
 Butylbenzylphthalate
 Concen: 11.008 ng
 RT: 20.527 min Scan# 2968
 Delta R.T. -0.006 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

Tgt Ion:149 Resp: 61996
 Ion Ratio Lower Upper
 149 100
 91 71.8 61.4 92.0
 206 22.2 15.8 23.6





#81

Benzo(a)anthracene

Concen: 10.496 ng

RT: 21.431 min Scan# 3122

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

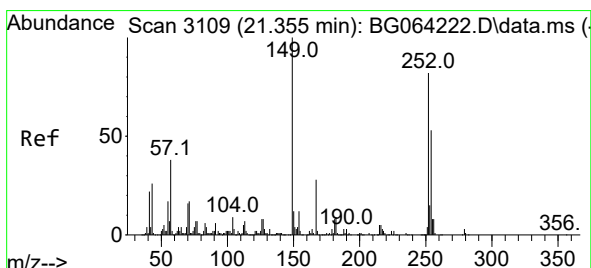
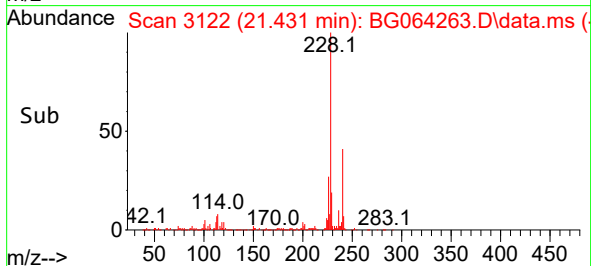
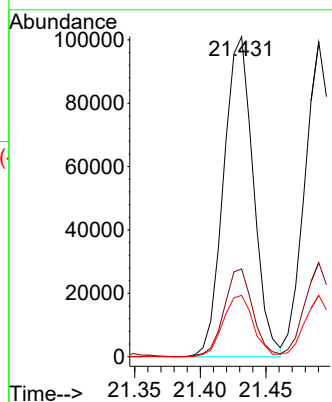
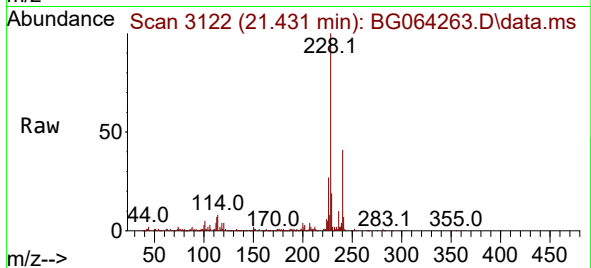
Tgt Ion:228 Resp: 159152

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

229 19.2 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 11.351 ng

RT: 21.349 min Scan# 3108

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

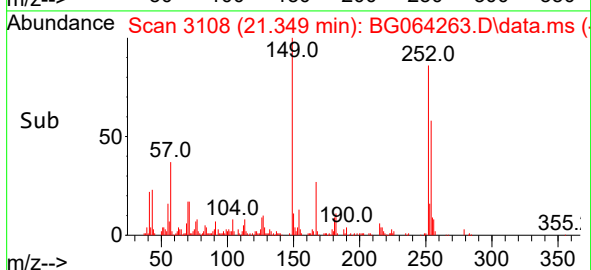
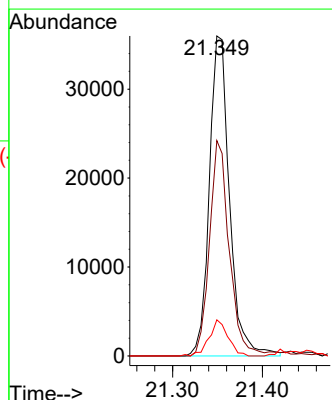
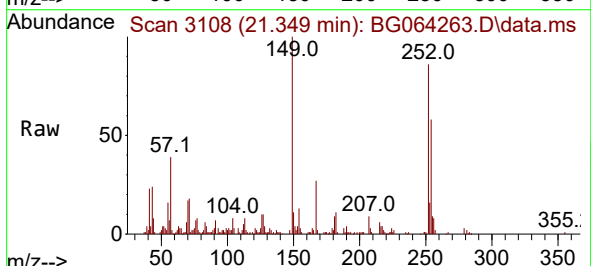
Tgt Ion:252 Resp: 56057

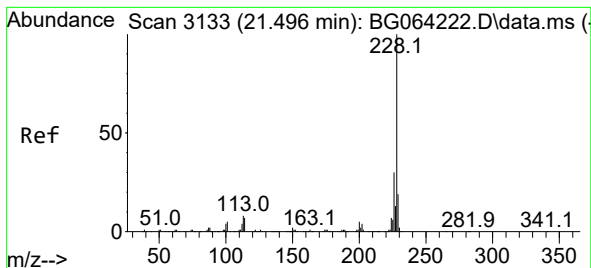
Ion Ratio Lower Upper

252 100

254 67.3 51.9 77.9

126 11.3 7.6 11.4





#83

Chrysene

Concen: 10.089 ng

RT: 21.490 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

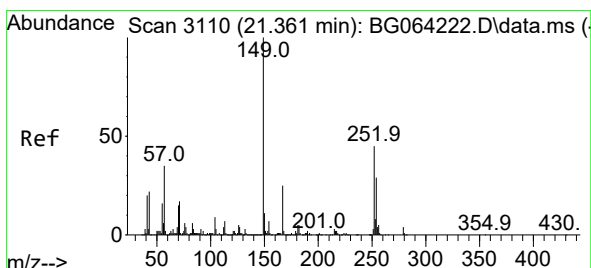
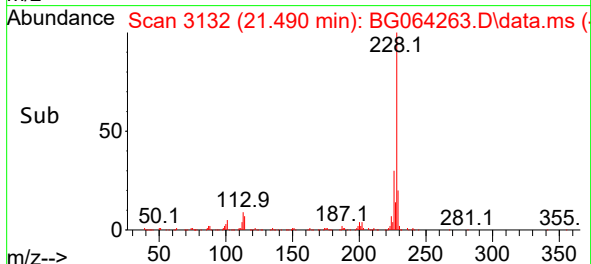
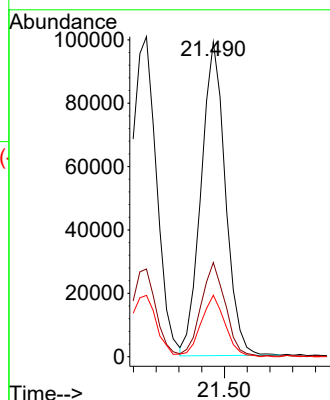
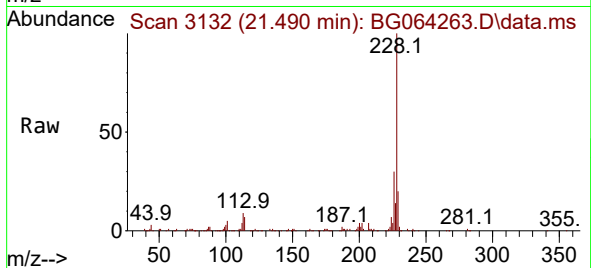
Tgt Ion:228 Resp: 146863

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

229 19.5 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.747 ng

RT: 21.355 min Scan# 3109

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

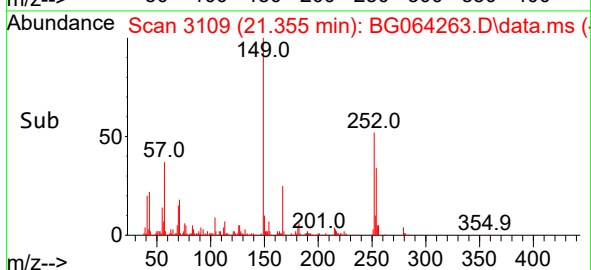
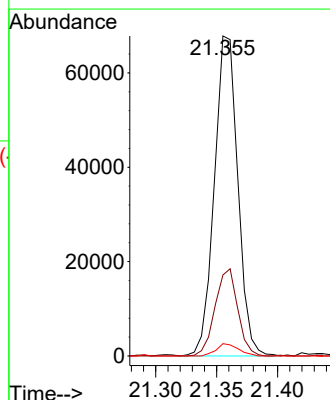
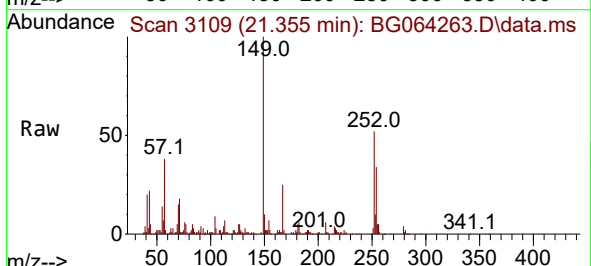
Tgt Ion:149 Resp: 90875

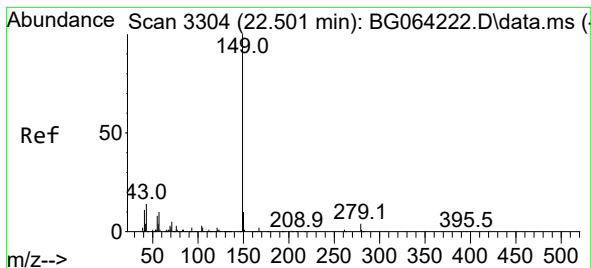
Ion Ratio Lower Upper

149 100

167 25.3 20.0 30.0

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 10.655 ng

RT: 22.495 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

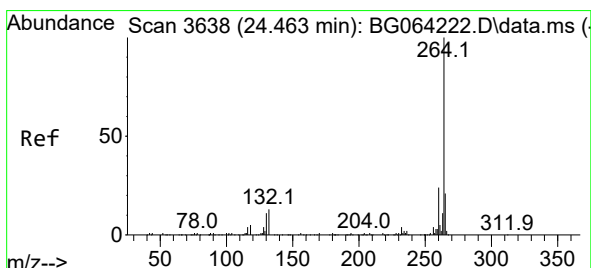
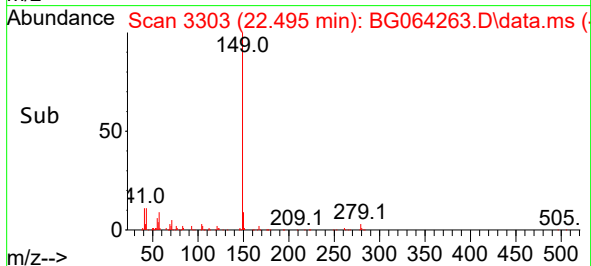
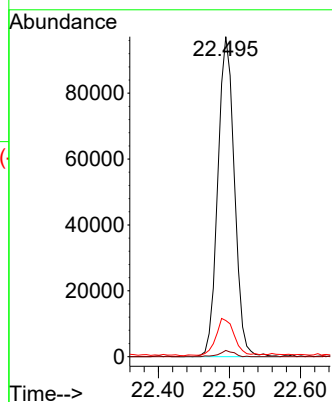
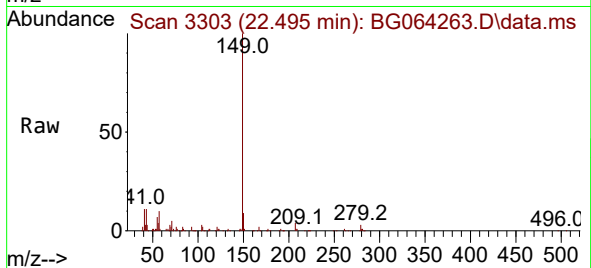
Tgt Ion:149 Resp: 156987

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 13.2 10.8 16.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.457 min Scan# 3637

Delta R.T. -0.006 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

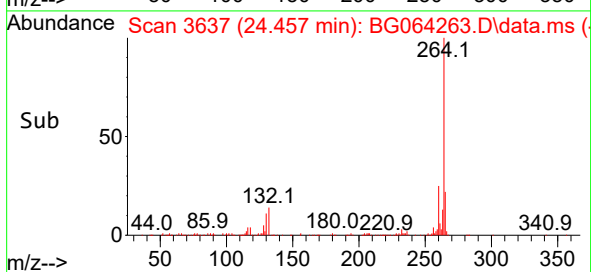
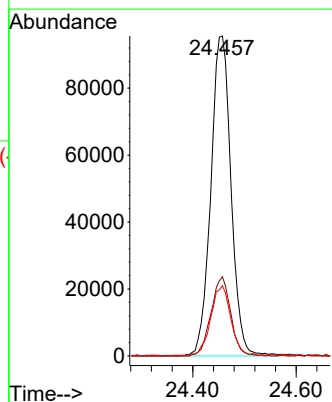
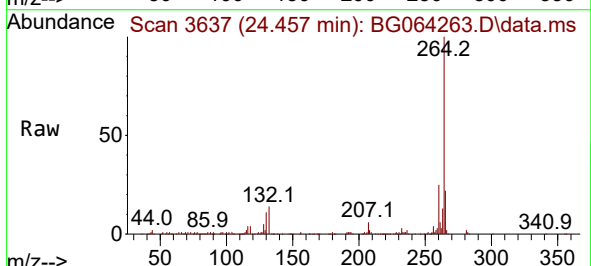
Tgt Ion:264 Resp: 259479

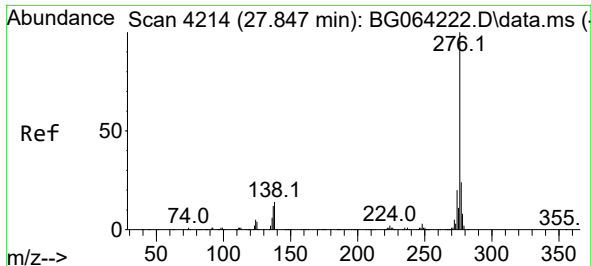
Ion Ratio Lower Upper

264 100

260 24.8 18.9 28.3

265 21.9 16.7 25.1

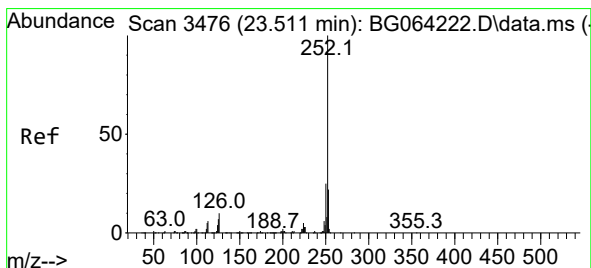
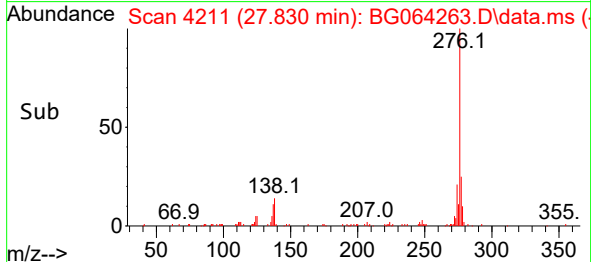
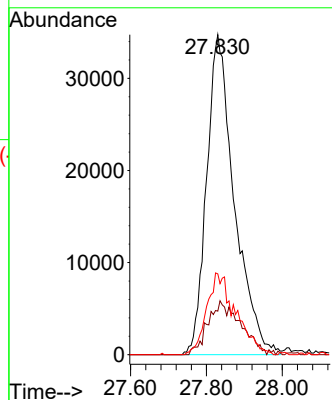
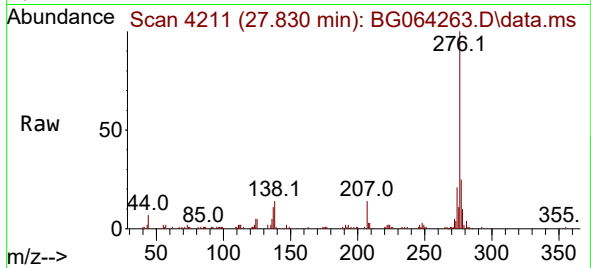




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.954 ng
 RT: 27.830 min Scan# 41
 Delta R.T. -0.041 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

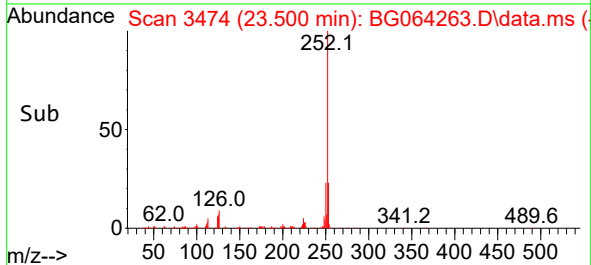
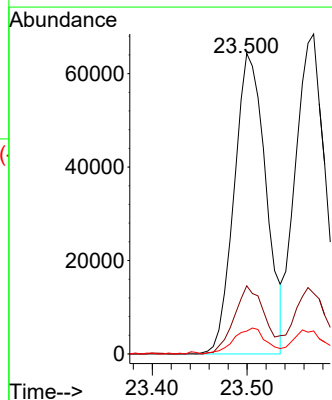
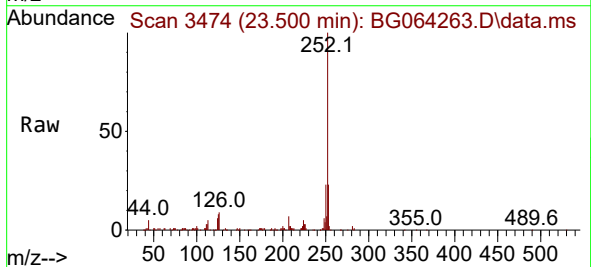
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

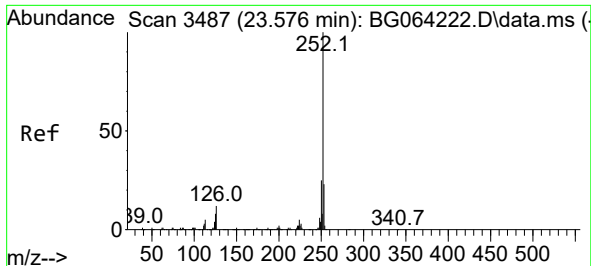
Tgt Ion:276 Resp: 176393
 Ion Ratio Lower Upper
 276 100
 138 11.0 7.4 11.0
 277 26.7 20.5 30.7



#88
 Benzo(b)fluoranthene
 Concen: 10.220 ng
 RT: 23.500 min Scan# 3474
 Delta R.T. -0.018 min
 Lab File: BG064263.D
 Acq: 3 Sep 2025 21:15

Tgt Ion:252 Resp: 149664
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.5 26.3
 125 7.6 5.9 8.9

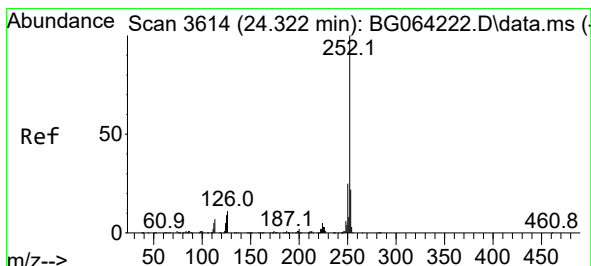
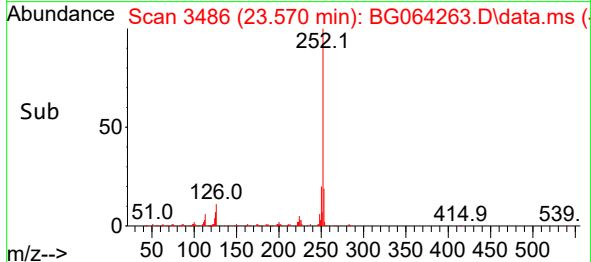
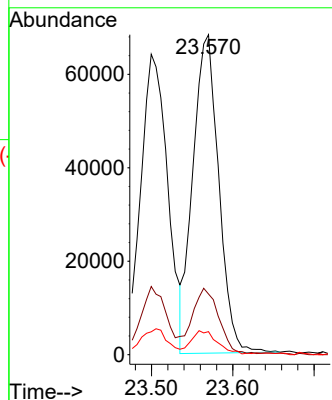
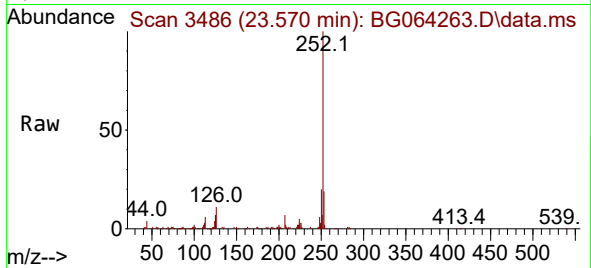




#89
Benzo(k)fluoranthene
Concen: 10.083 ng
RT: 23.570 min Scan# 3487
Delta R.T. -0.018 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

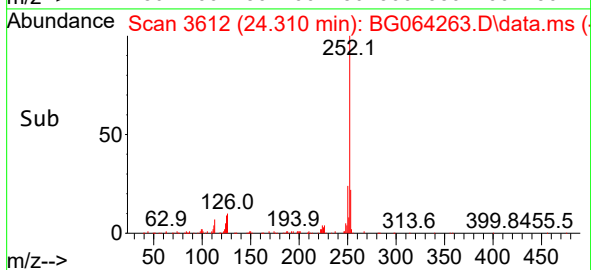
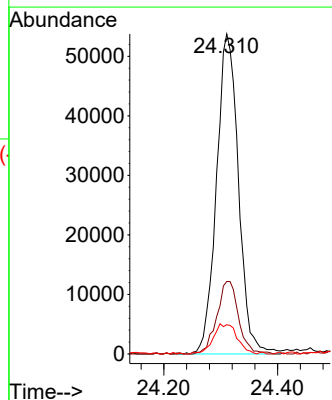
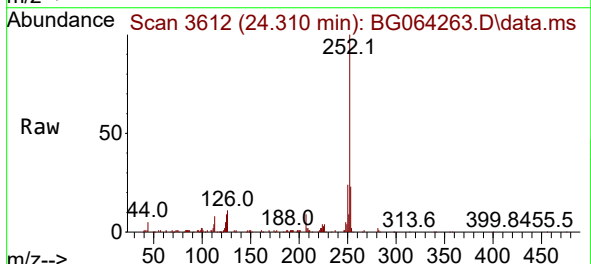
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

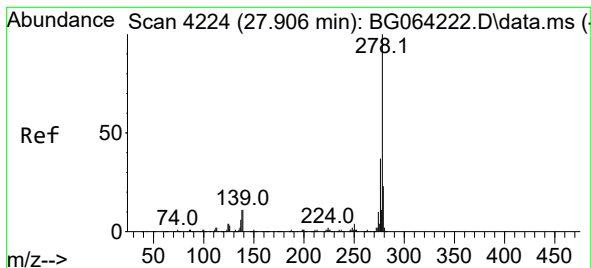
Tgt Ion:252 Resp: 150440
Ion Ratio Lower Upper
252 100
253 19.0 18.2 27.4
125 7.2 7.0 10.4



#90
Benzo(a)pyrene
Concen: 10.597 ng
RT: 24.310 min Scan# 3612
Delta R.T. -0.018 min
Lab File: BG064263.D
Acq: 3 Sep 2025 21:15

Tgt Ion:252 Resp: 144357
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 9.1 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 10.266 ng

RT: 27.894 min Scan# 41

Delta R.T. -0.029 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

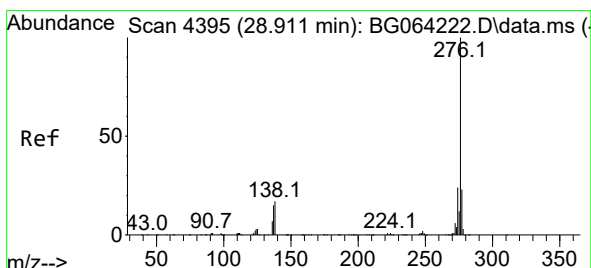
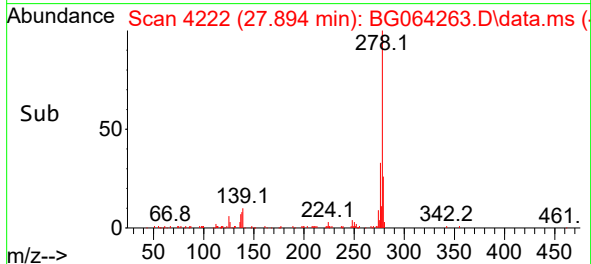
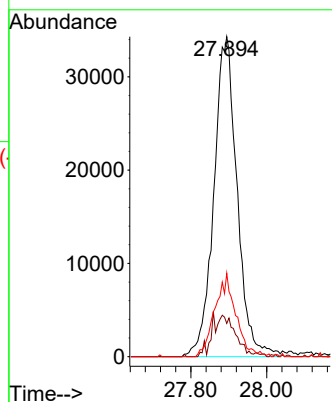
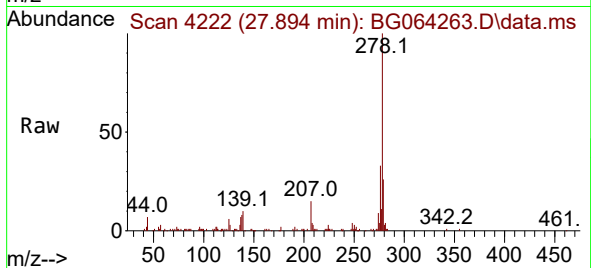
Tgt Ion:278 Resp: 146065

Ion Ratio Lower Upper

278 100

139 10.4 9.0 13.4

279 26.1 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 10.294 ng

RT: 28.887 min Scan# 4391

Delta R.T. -0.047 min

Lab File: BG064263.D

Acq: 3 Sep 2025 21:15

Tgt Ion:276 Resp: 142518

Ion Ratio Lower Upper

276 100

277 24.2 18.2 27.4

138 15.3 13.3 19.9

