

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064254.D
 Acq On : 3 Sep 2025 15:04
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 2.5PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 03 15:50:57 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	7.859	152	38159	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	166247	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	111297	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	224867	20.000	ng	0.00
76) Chrysene-d12	21.449	240	233782	20.000	ng	# 0.00
86) Perylene-d12	24.457	264	252122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	270674	127.261	ng	0.00
7) Phenol-d6	7.025	99	373334	127.765	ng	0.00
23) Nitrobenzene-d5	9.011	82	246427	82.668	ng	0.00
42) 2,4,6-Tribromophenol	15.967	330	175508	119.055	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	581999	79.817	ng	0.00
79) Terphenyl-d14	19.839	244	888499	79.293	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	2510	2.831	ng	# 88
4) n-Nitrosodimethylamine	3.670	42	4027	2.333	ng	# 91
6) Aniline	7.178	93	9314	2.305	ng	# 91
8) 2-Chlorophenol	7.424	128	6323	2.433	ng	94
9) Benzaldehyde	6.996	77	6269	2.607	ng	92
10) Phenol	7.048	94	7286	2.262	ng	# 71
11) bis(2-Chloroethyl)ether	7.278	93	5280	2.181	ng	98
12) 1,3-Dichlorobenzene	7.748	146	6741	2.438	ng	96
13) 1,4-Dichlorobenzene	7.748	146	6741	2.416	ng	92
14) 1,2-Dichlorobenzene	8.212	146	6404	2.378	ng	92
15) Benzyl Alcohol	8.088	79	5919	2.195	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.388	45	12641	2.287	ng	97
17) 2-Methylphenol	8.300	107	5300	2.207	ng	94
18) Hexachloroethane	8.934	117	2320	2.130	ng	87
19) n-Nitroso-di-n-propyla...	8.652	70	5001	2.236	ng	95
20) 3+4-Methylphenols	8.623	107	7034	2.108	ng	95
22) Acetophenone	8.670	105	10405	2.474	ng	# 97
24) Nitrobenzene	9.046	77	7928	2.546	ng	# 85
25) Isophorone	9.575	82	14795	2.388	ng	# 96
26) 2-Nitrophenol	9.763	139	3048	2.265	ng	98
27) 2,4-Dimethylphenol	9.816	122	4785	2.025	ng	# 81
28) bis(2-Chloroethoxy)met...	10.057	93	7893	2.363	ng	# 79
29) 2,4-Dichlorophenol	10.292	162	5414	2.172	ng	95
30) 1,2,4-Trichlorobenzene	10.509	180	6868	2.613	ng	# 87
31) Naphthalene	10.691	128	20212	2.345	ng	# 93
33) 4-Chloroaniline	10.803	127	7533	2.255	ng	97
34) Hexachlorobutadiene	10.979	225	4670	2.403	ng	96
36) 4-Chloro-3-methylphenol	11.931	107	7302	2.258	ng	# 76
37) 2-Methylnaphthalene	12.301	142	14008	2.186	ng	95
38) 1-Methylnaphthalene	12.524	142	14001	2.212	ng	# 89
40) 1,2,4,5-Tetrachloroben...	12.671	216	8133	2.533	ng	97
43) 2,4,6-Trichlorophenol	12.989	196	5294	2.466	ng	83
44) 2,4,5-Trichlorophenol	12.989	196	5294	2.274	ng	# 81
46) 1,1'-Biphenyl	13.312	154	21435	2.644	ng	94
47) 2-Chloronaphthalene	13.353	162	14891	2.443	ng	90
49) Acenaphthylene	14.199	152	23665	2.627	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064254.D
 Acq On : 3 Sep 2025 15:04
 Operator : RC/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 2.5PPM
 ALS Vial : 6 Sample Multiplier: 1

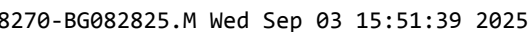
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

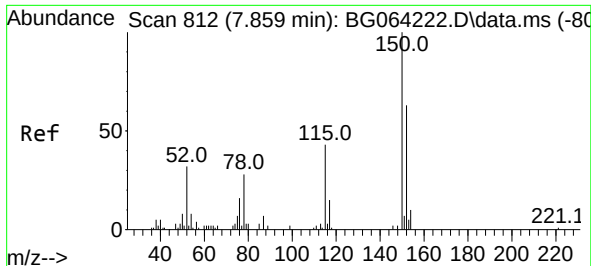
Quant Time: Sep 03 15:50:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) Dimethylphthalate	13.934	163	18521	2.199	ng	# 87
51) 2,6-Dinitrotoluene	14.052	165	3372	2.068	ng	# 78
52) Acenaphthene	14.540	154	14908	2.345	ng	97
54) 2,4-Dinitrophenol	14.593	184	419	6.017	ng	# 65
55) Dibenzofuran	14.880	168	21692	2.169	ng	# 98
58) Fluorene	15.527	166	18486	2.255	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.110	232	5118	2.285	ng	# 91
60) Diethylphthalate	15.303	149	18187	2.017	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	9324	2.282	ng	88
63) Azobenzene	15.815	77	17505	2.178	ng	94
66) n-Nitrosodiphenylamine	15.738	169	15340	2.480	ng	91
67) 4-Bromophenyl-phenylether	16.414	248	5939	2.487	ng	96
68) Hexachlorobenzene	16.531	284	6649	2.507	ng	# 92
69) Atrazine	16.684	200	5662	2.192	ng	93
71) Phenanthrene	17.266	178	28449	2.399	ng	98
72) Anthracene	17.354	178	28667	2.376	ng	97
73) Carbazole	17.624	167	24071	2.265	ng	# 95
74) Di-n-butylphthalate	18.188	149	30562	2.394	ng	98
75) Fluoranthene	19.275	202	31965	2.292	ng	94
77) Benzidine	19.463	184	9987	2.031	ng	98
78) Pyrene	19.275	202	31965	2.170	ng	95
80) Butylbenzylphthalate	20.533	149	14691	2.645	ng	94
81) Benzo(a)anthracene	21.426	228	35799	2.394	ng	99
82) 3,3'-Dichlorobenzidine	21.355	252	12369	2.539	ng	# 79
83) Chrysene	21.490	228	34835	2.426	ng	96
84) Bis(2-ethylhexyl)phtha...	21.361	149	22181	2.659	ng	94
85) Di-n-octyl phthalate	22.495	149	36998	2.546	ng	# 99
87) Indeno(1,2,3-cd)pyrene	27.842	276	39513	2.295	ng	97
88) Benzo(b)fluoranthene	23.506	252	33802	2.375	ng	96
89) Benzo(k)fluoranthene	23.506	252	33802	2.332	ng	98
90) Benzo(a)pyrene	24.311	252	31889	2.409	ng	# 96
91) Dibenzo(a,h)anthracene	27.900	278	32890	2.379	ng	96

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

Quant Time: Sep 03 15:50:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

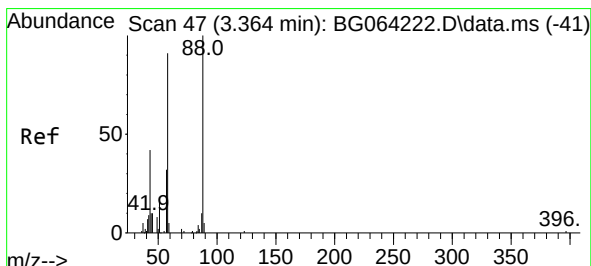
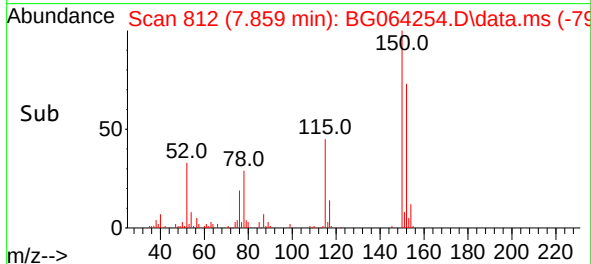
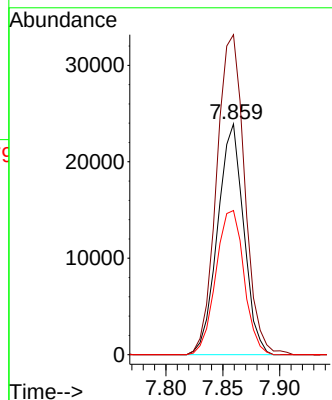
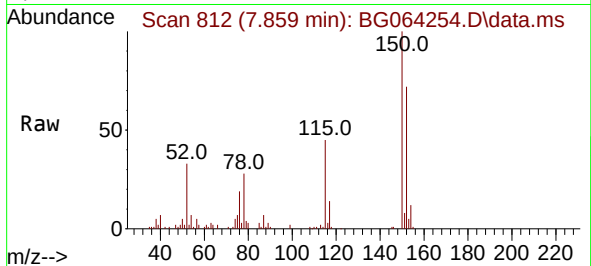




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

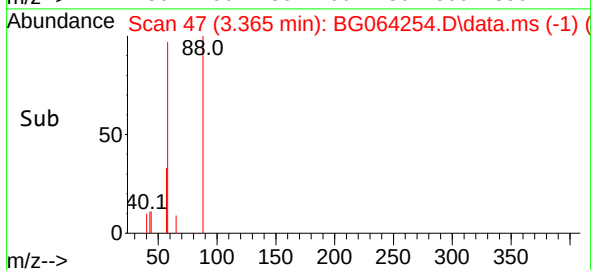
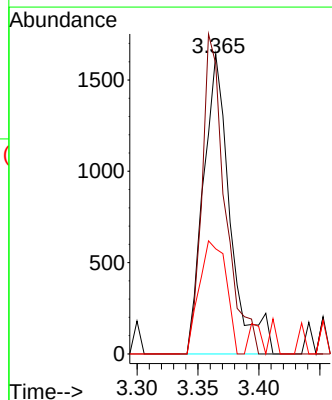
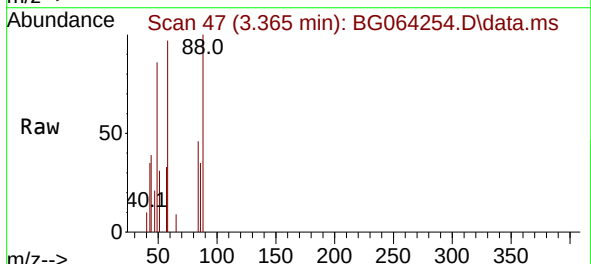
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

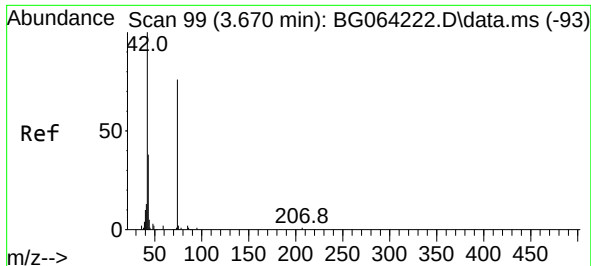
Tgt Ion:152 Resp: 38159
Ion Ratio Lower Upper
152 100
150 138.7 128.0 192.0
115 62.5 55.7 83.5



#2
1,4-Dioxane
Concen: 2.831 ng
RT: 3.365 min Scan# 47
Delta R.T. 0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 88 Resp: 2510
Ion Ratio Lower Upper
88 100
58 92.2 80.8 121.2
43 37.7 40.3 60.5

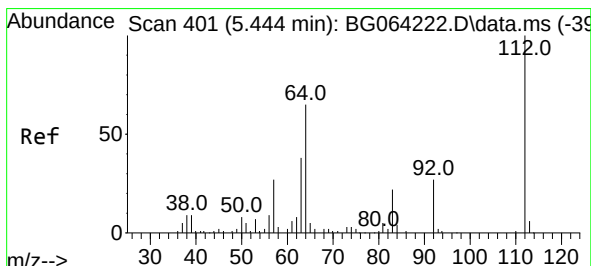
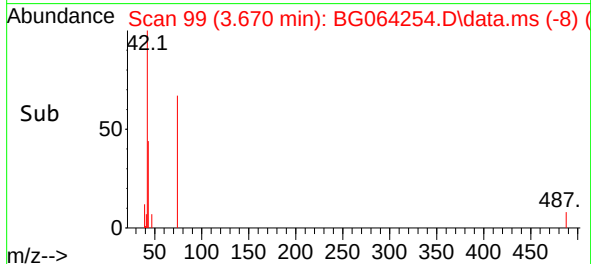
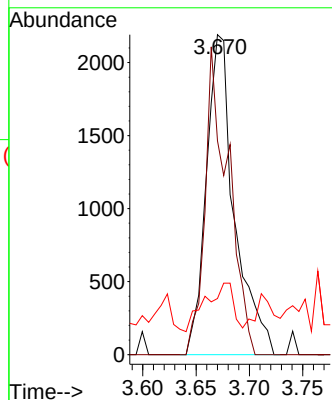
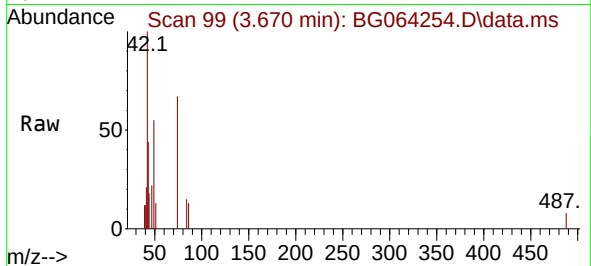




#4
n-Nitrosodimethylamine
Concen: 2.333 ng
RT: 3.670 min Scan# 99
Delta R.T. 0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

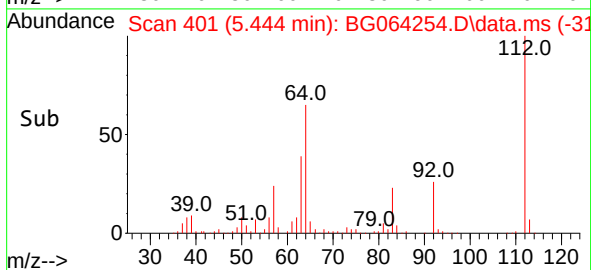
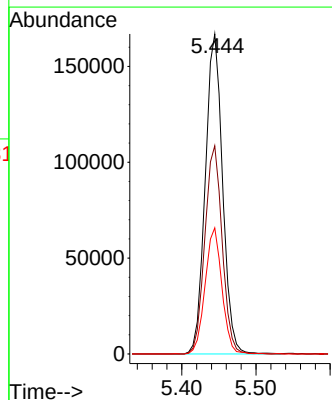
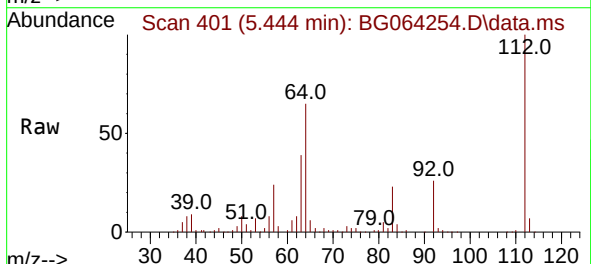
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

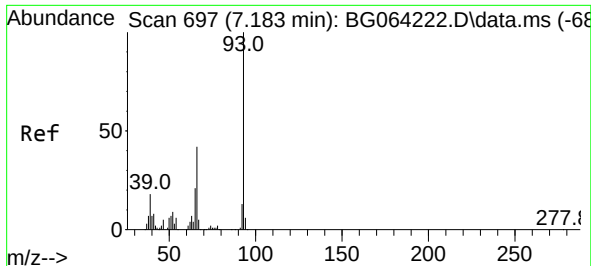
Tgt Ion: 42 Resp: 4027
Ion Ratio Lower Upper
42 100
74 66.9 58.0 87.0
44 17.5 5.5 8.3#



#5
2-Fluorophenol
Concen: 127.261 ng
RT: 5.444 min Scan# 401
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 112 Resp: 270674
Ion Ratio Lower Upper
112 100
64 65.0 51.8 77.6
63 39.4 30.6 45.8

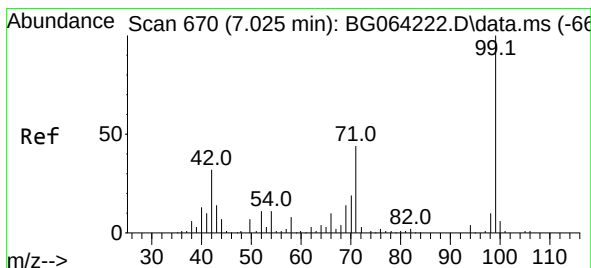
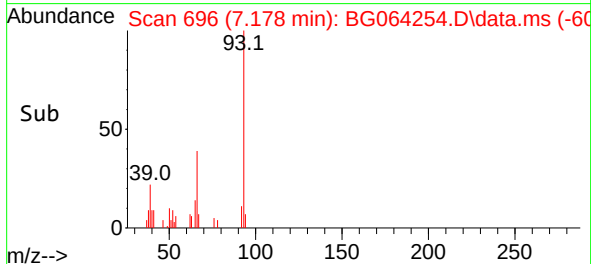
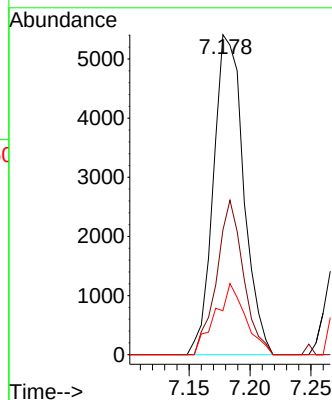
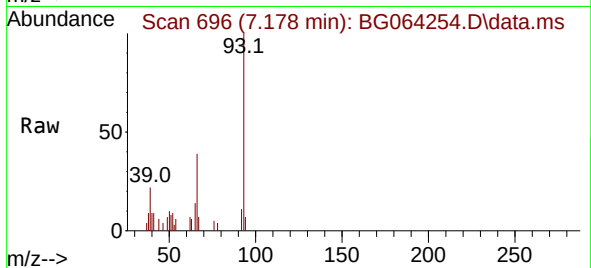




#6
Aniline
Concen: 2.305 ng
RT: 7.178 min Scan# 697
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

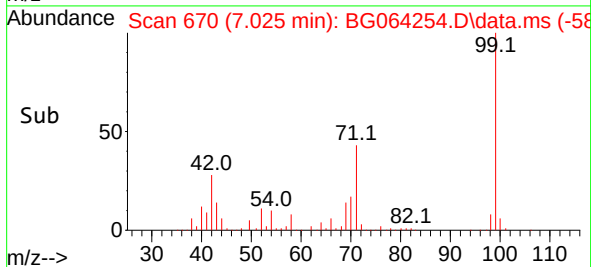
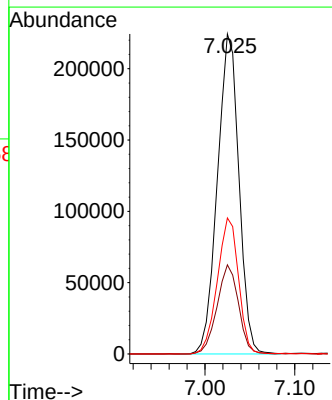
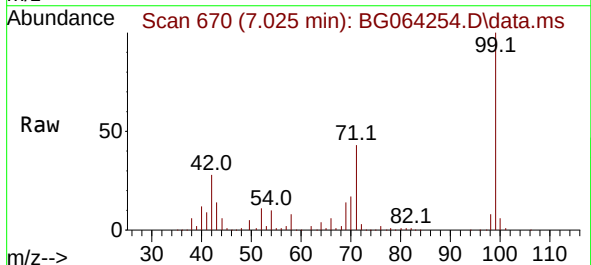
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

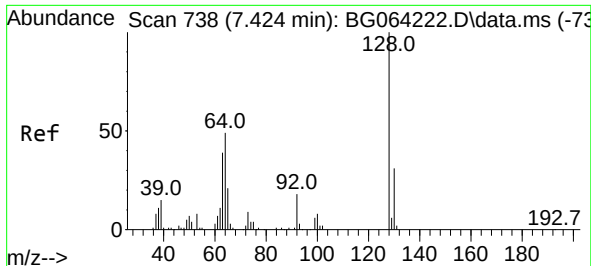
Tgt Ion: 93 Resp: 9314
Ion Ratio Lower Upper
93 100
66 39.0 33.8 50.8
65 13.8 16.9 25.3#



#7
Phenol-d6
Concen: 127.765 ng
RT: 7.025 min Scan# 670
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 99 Resp: 373334
Ion Ratio Lower Upper
99 100
42 27.9 25.8 38.8
71 42.5 35.2 52.8

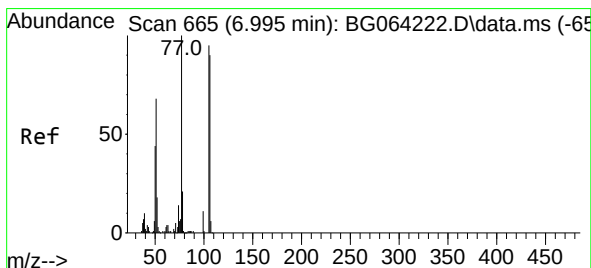
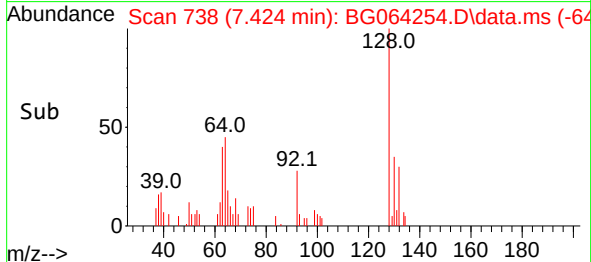
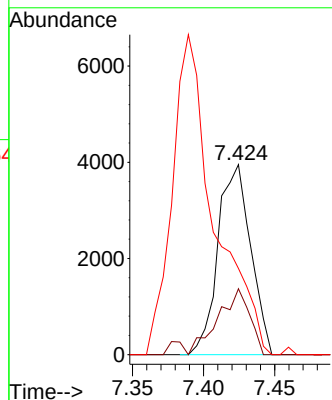
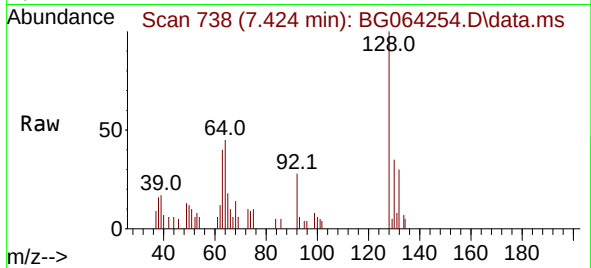




#8
2-Chlorophenol
Concen: 2.433 ng
RT: 7.424 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

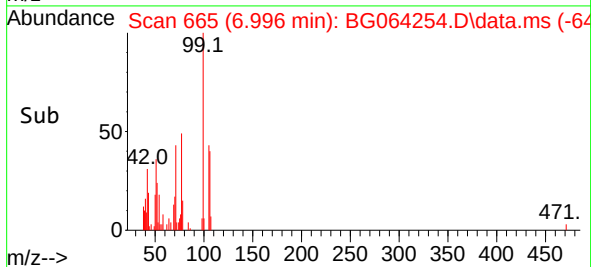
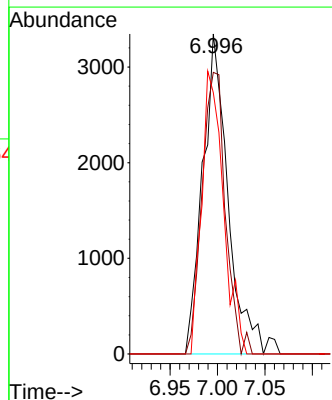
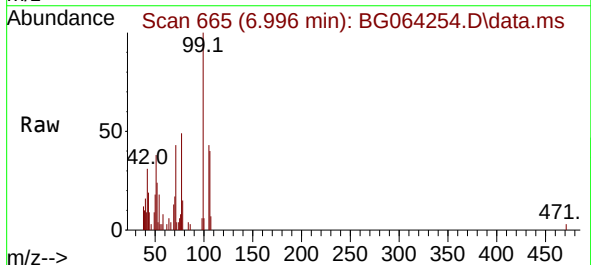
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

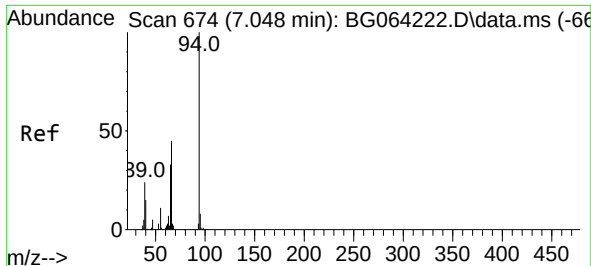
Tgt Ion:	128	Resp:	6323
Ion	Ratio	Lower	Upper
128	100		
130	34.7	10.9	50.9
64	45.4	28.7	68.7



#9
Benzaldehyde
Concen: 2.607 ng
RT: 6.996 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:	77	Resp:	6269
Ion	Ratio	Lower	Upper
77	100		
105	88.0	75.2	115.2
106	81.6	69.6	109.6

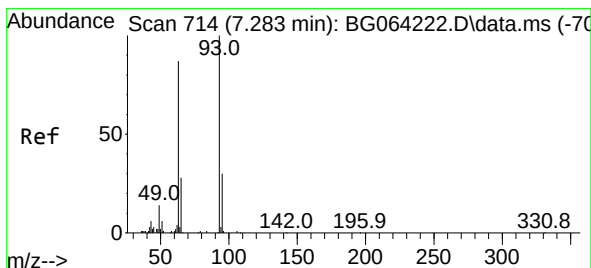
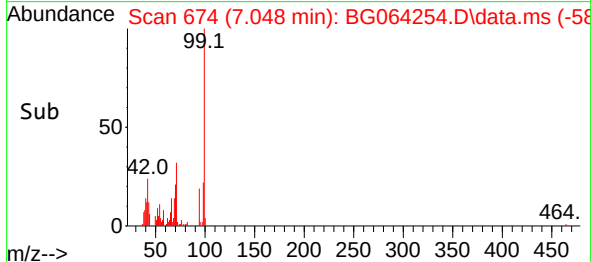
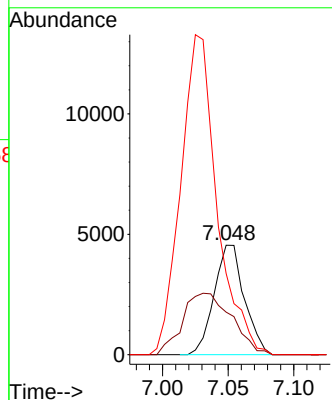
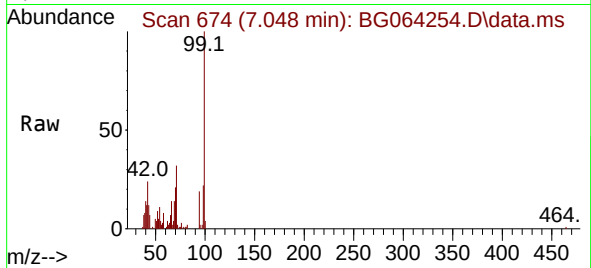




#10
Phenol
Concen: 2.262 ng
RT: 7.048 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

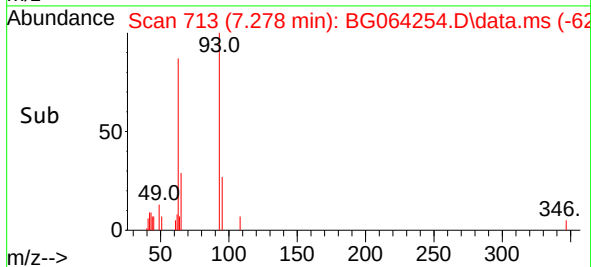
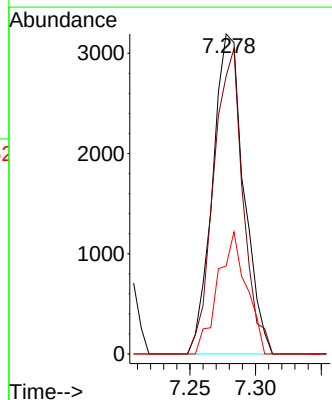
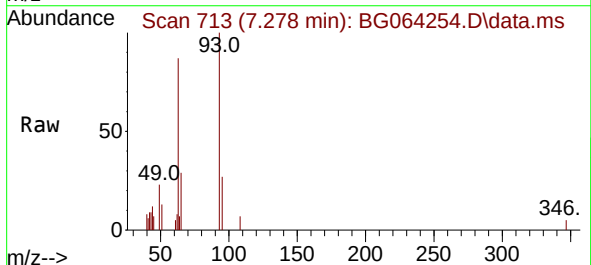
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

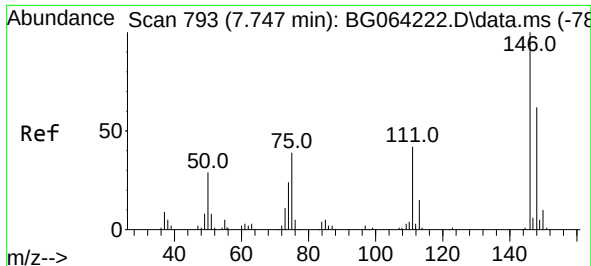
Tgt Ion: 94 Resp: 7286
Ion Ratio Lower Upper
94 100
65 38.9 13.5 53.5
66 74.3 26.2 66.2#



#11
bis(2-Chloroethyl)ether
Concen: 2.181 ng
RT: 7.278 min Scan# 713
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 93 Resp: 5280
Ion Ratio Lower Upper
93 100
63 86.8 66.2 106.2
95 27.5 9.8 49.8

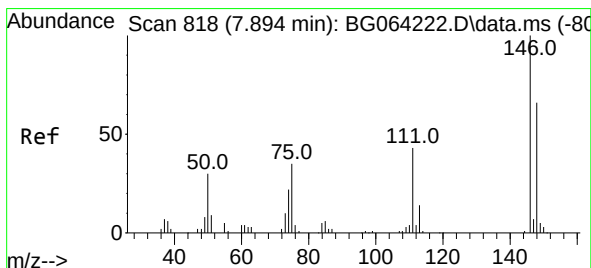
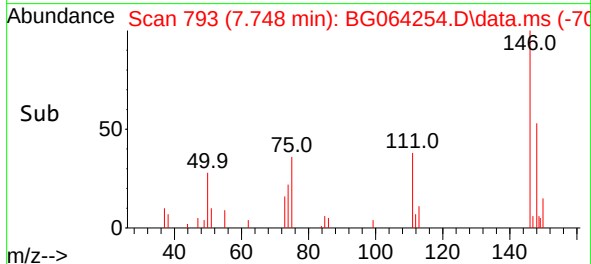
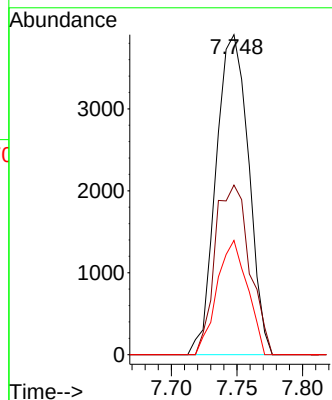
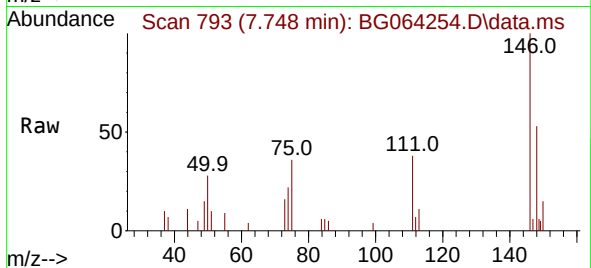




#12
1,3-Dichlorobenzene
Concen: 2.438 ng
RT: 7.748 min Scan# 793
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

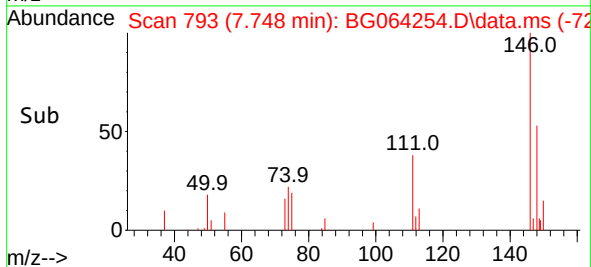
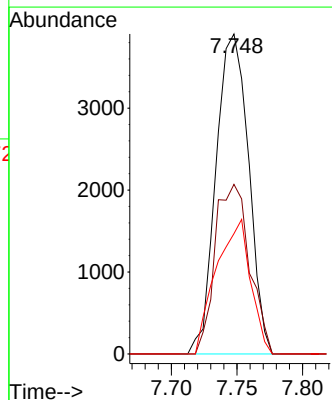
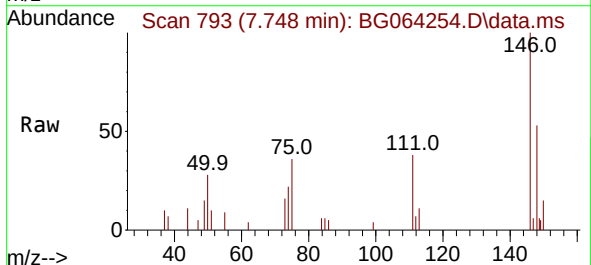
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

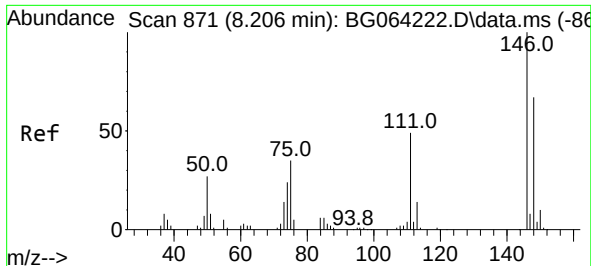
Tgt Ion:146 Resp: 6741
Ion Ratio Lower Upper
146 100
148 59.2 49.6 74.4
75 35.7 31.0 46.6



#13
1,4-Dichlorobenzene
Concen: 2.416 ng
RT: 7.748 min Scan# 793
Delta R.T. -0.147 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:146 Resp: 6741
Ion Ratio Lower Upper
146 100
148 59.2 52.8 79.2
111 37.6 34.1 51.1

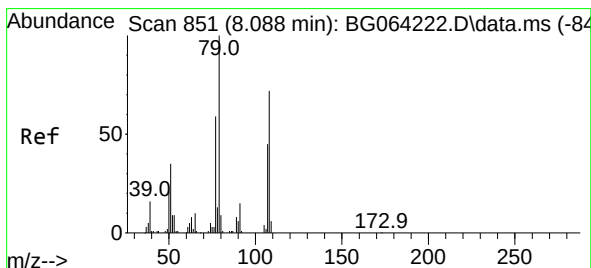
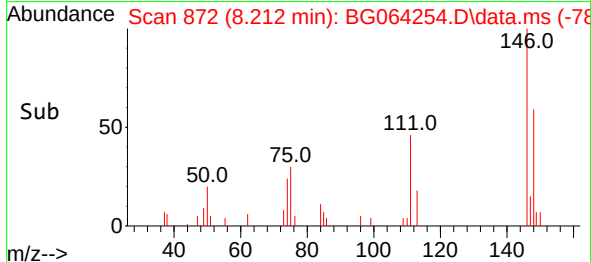
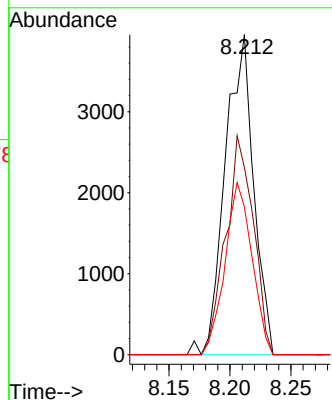
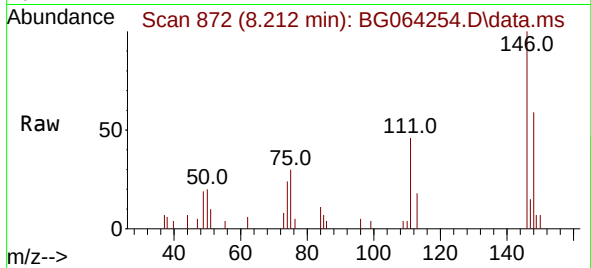




#14
1,2-Dichlorobenzene
Concen: 2.378 ng
RT: 8.212 min Scan# 811
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

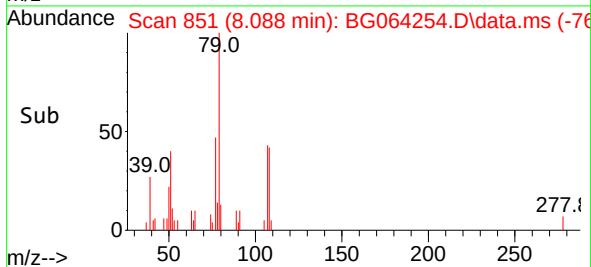
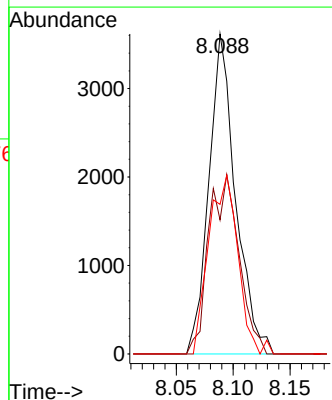
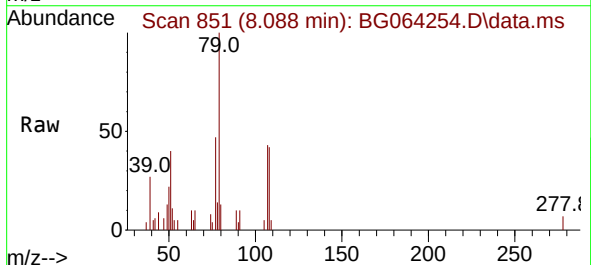
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

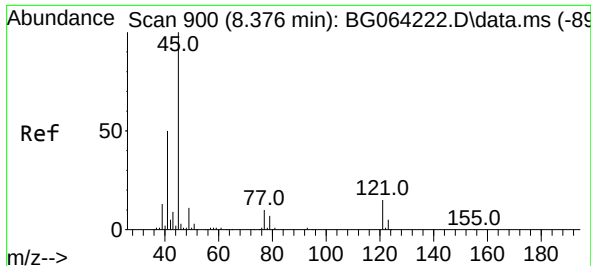
Tgt Ion:146 Resp: 6404
Ion Ratio Lower Upper
146 100
148 58.5 53.4 80.0
111 46.3 39.1 58.7



#15
Benzyl Alcohol
Concen: 2.195 ng
RT: 8.088 min Scan# 851
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 79 Resp: 5919
Ion Ratio Lower Upper
79 100
108 41.9 57.4 86.0#
77 46.8 47.2 70.8#

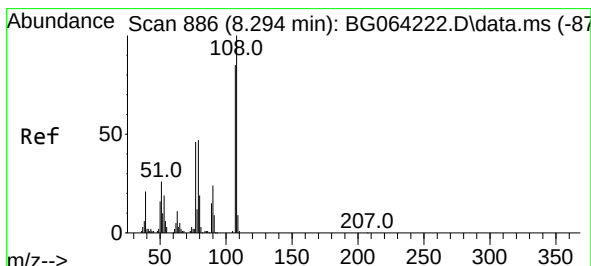
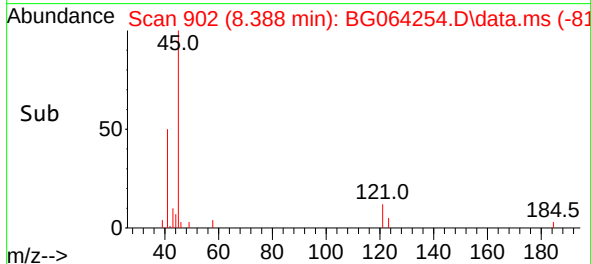
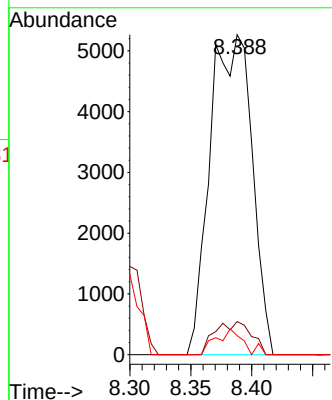
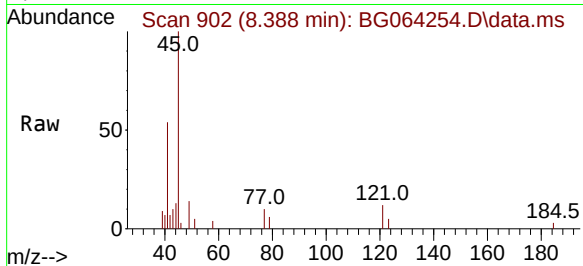




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.287 ng
RT: 8.388 min Scan# 901
Delta R.T. 0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

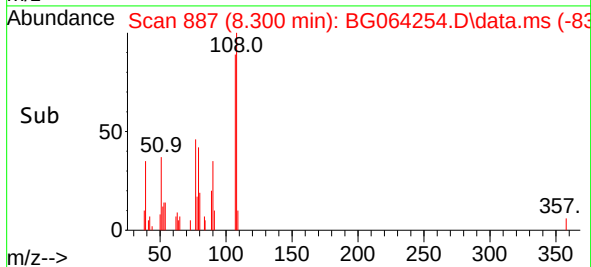
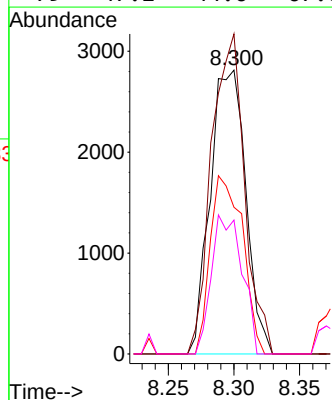
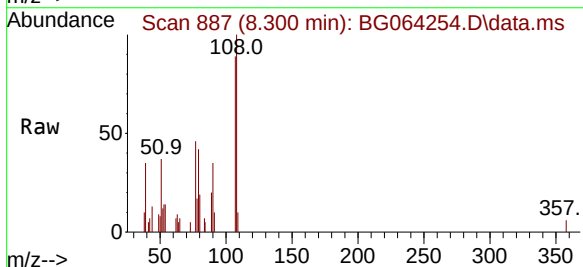
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

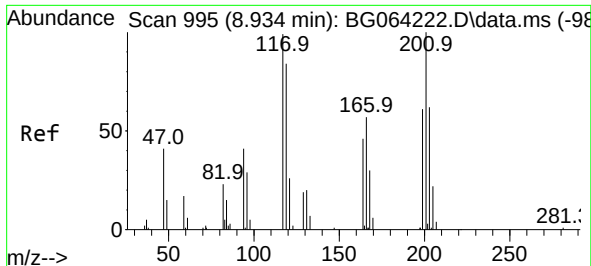
Tgt Ion:	45	Resp:	12641
Ion Ratio	Lower	Upper	
45	100		
77	10.3	0.0	30.0
79	6.0	0.0	27.9



#17
2-Methylphenol
Concen: 2.207 ng
RT: 8.300 min Scan# 887
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:	107	Resp:	5300
Ion Ratio	Lower	Upper	
107	100		
108	112.8	94.6	141.8
77	51.7	43.7	65.5
79	47.2	44.6	67.0

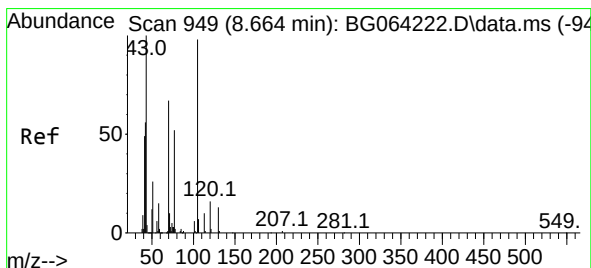
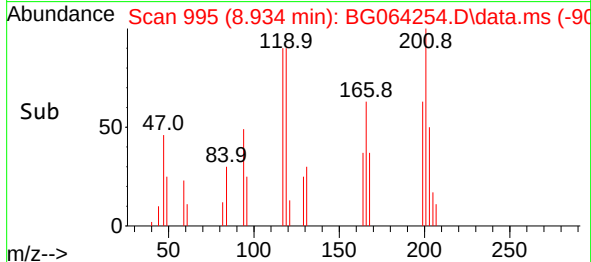
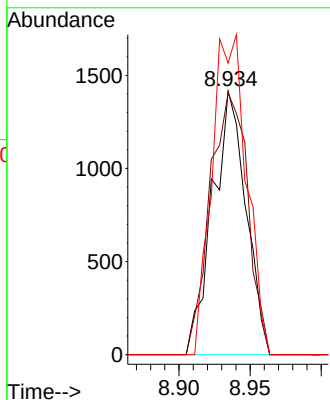
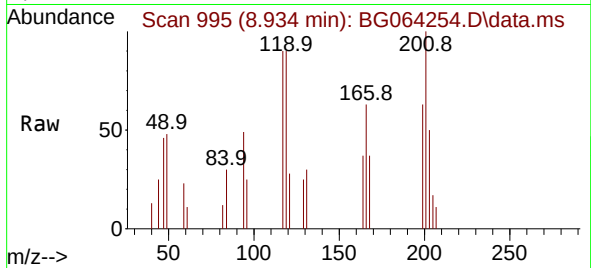




#18
Hexachloroethane
Concen: 2.130 ng
RT: 8.934 min Scan# 995
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

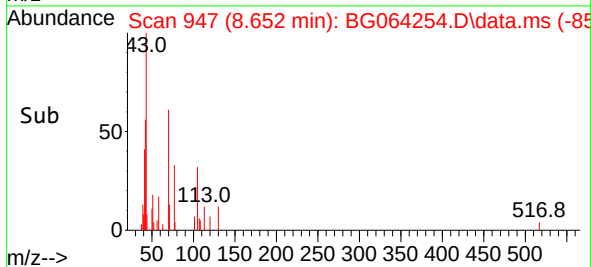
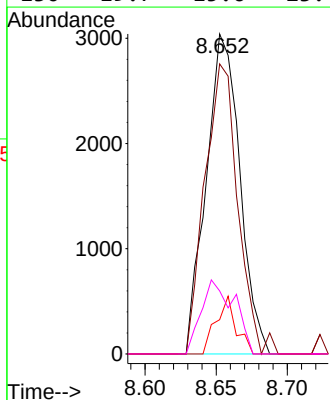
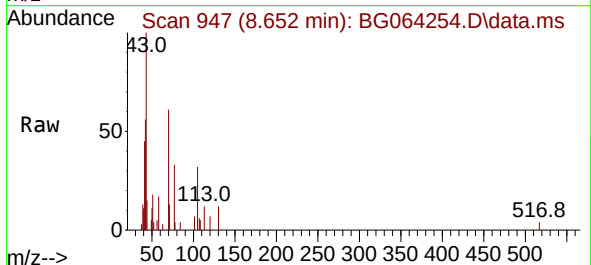
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

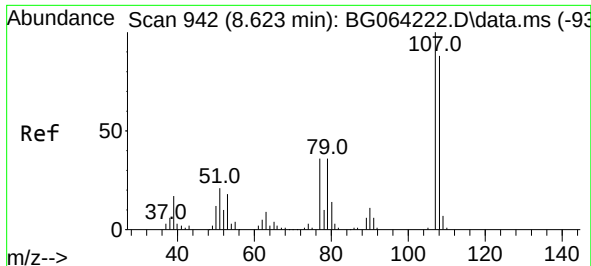
Tgt Ion:117 Resp: 2320
Ion Ratio Lower Upper
117 100
119 99.4 67.9 101.9
201 110.7 80.5 120.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.236 ng
RT: 8.652 min Scan# 947
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 70 Resp: 5001
Ion Ratio Lower Upper
70 100
42 90.6 67.9 101.9
101 10.7 7.3 10.9
130 19.7 15.6 23.4

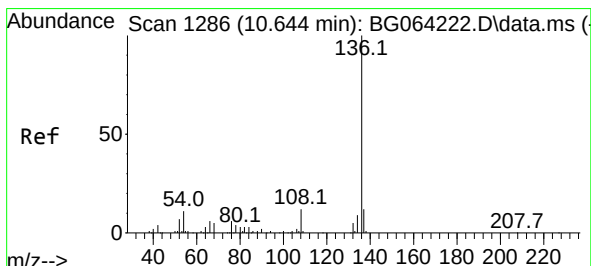
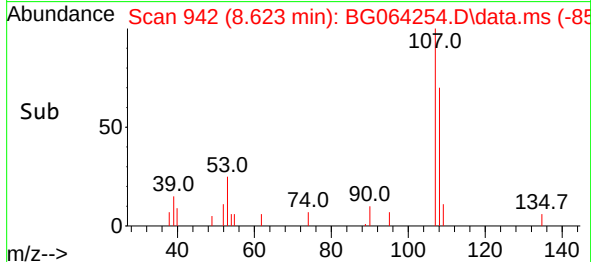
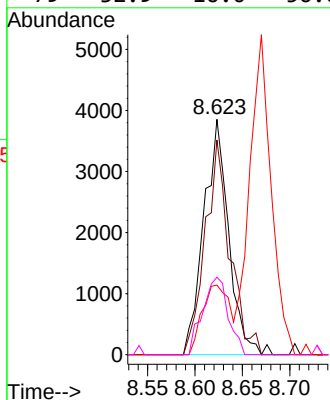
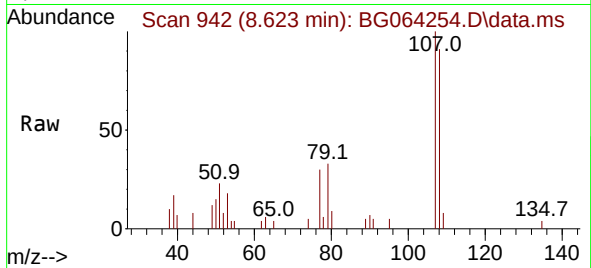




#20
3+4-Methylphenols
Concen: 2.108 ng
RT: 8.623 min Scan# 942
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

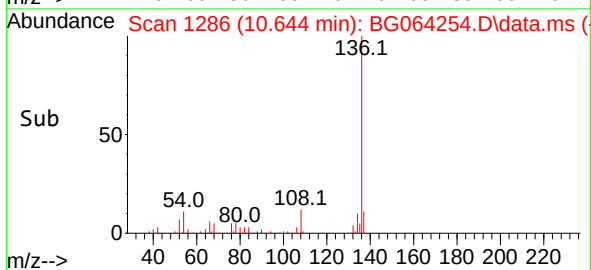
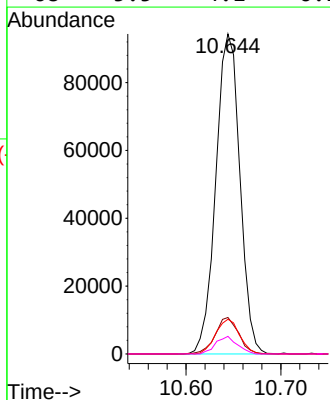
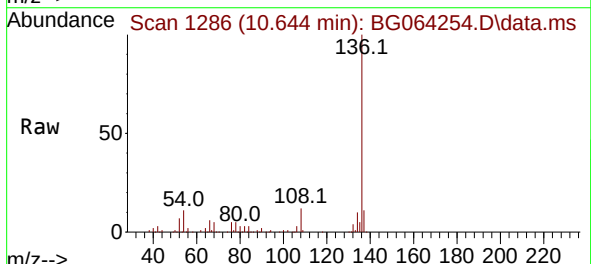
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

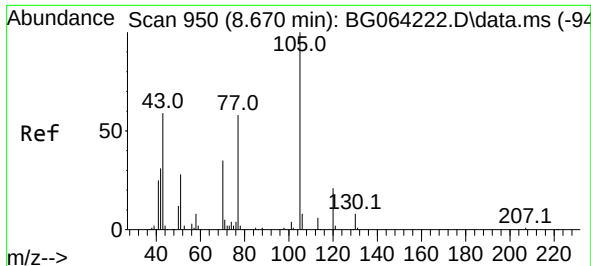
Tgt Ion:	107	Resp:	7034
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.1	108.1
77	29.6	15.9	55.9
79	32.9	16.0	56.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:	136	Resp:	166247
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	10.8	8.8	13.2
68	5.5	4.1	6.1

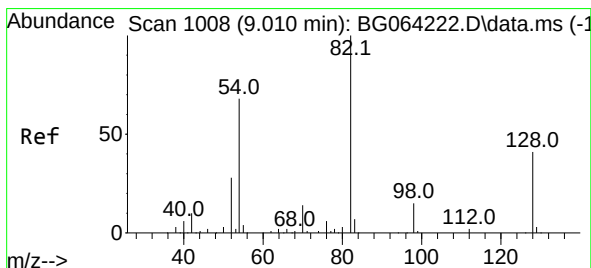
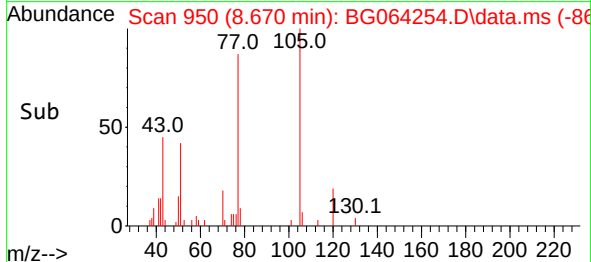
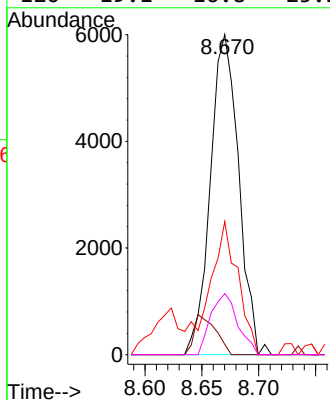
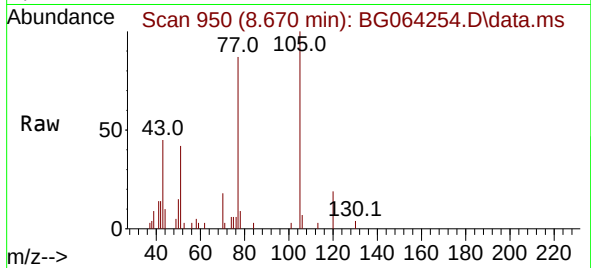




#22
Acetophenone
Concen: 2.474 ng
RT: 8.670 min Scan# 910
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

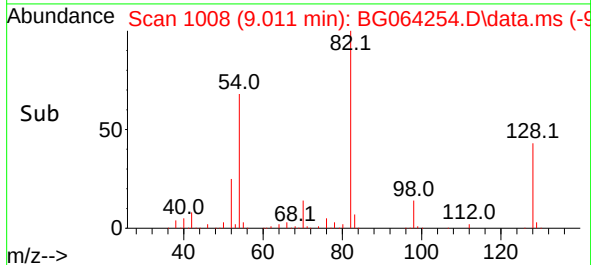
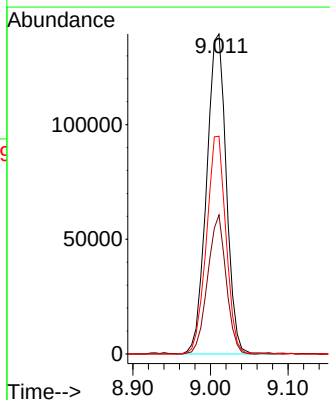
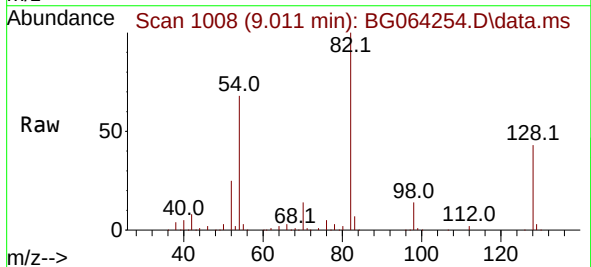
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

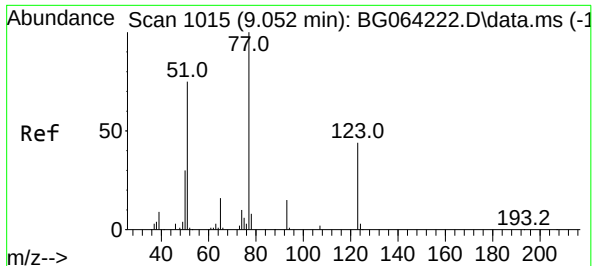
Tgt Ion:105 Resp: 10405
Ion Ratio Lower Upper
105 100
71 3.2 4.3 6.5#
51 41.6 32.4 48.6
120 19.1 16.8 25.2



#23
Nitrobenzene-d5
Concen: 82.668 ng
RT: 9.011 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 82 Resp: 246427
Ion Ratio Lower Upper
82 100
128 43.4 32.6 48.8
54 68.0 54.7 82.1





#24

Nitrobenzene

Concen: 2.546 ng

RT: 9.046 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

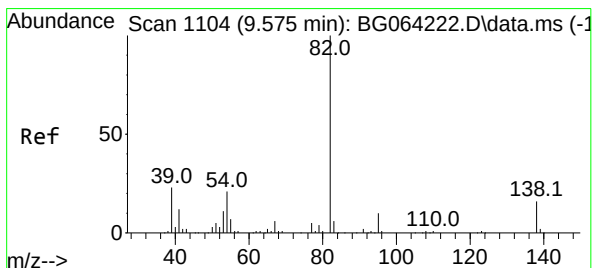
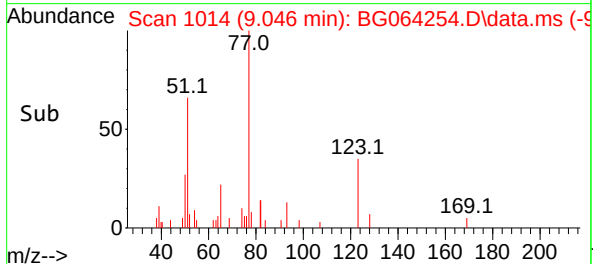
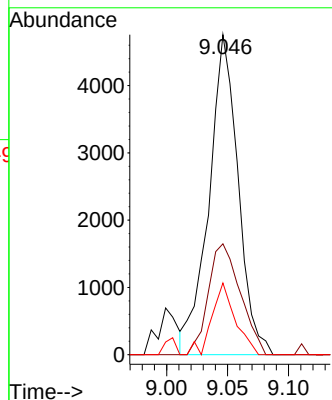
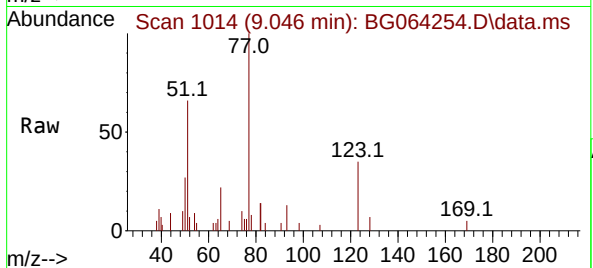
Tgt Ion: 77 Resp: 7928

Ion Ratio Lower Upper

77 100

123 34.7 35.2 52.8#

65 22.4 12.6 19.0#



#25

Isophorone

Concen: 2.388 ng

RT: 9.575 min Scan# 1104

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

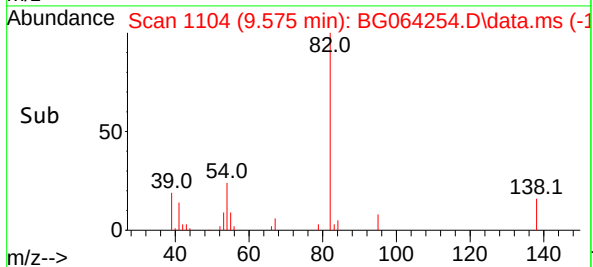
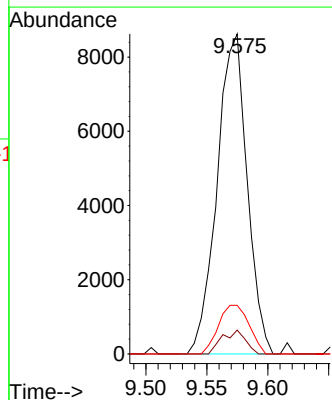
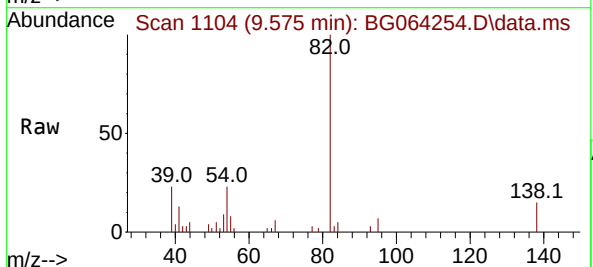
Tgt Ion: 82 Resp: 14795

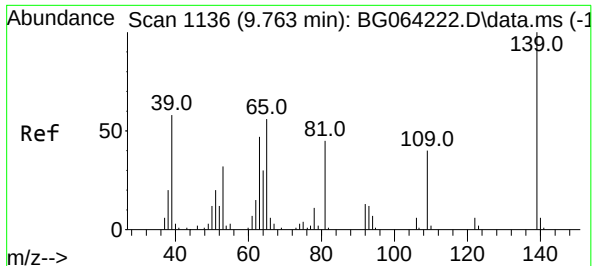
Ion Ratio Lower Upper

82 100

95 7.4 7.9 11.9#

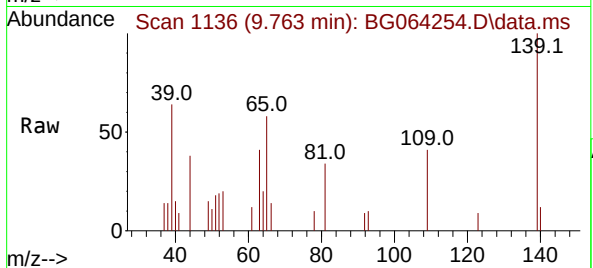
138 15.2 13.0 19.4



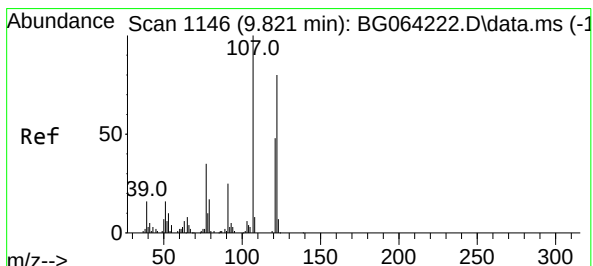
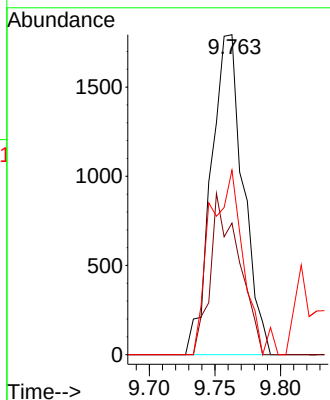
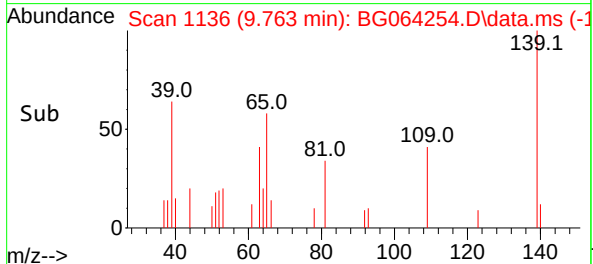


#26
2-Nitrophenol
Concen: 2.265 ng
RT: 9.763 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

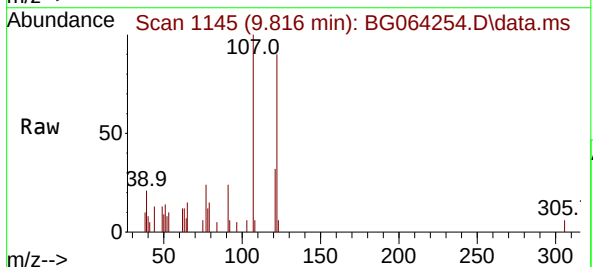
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025



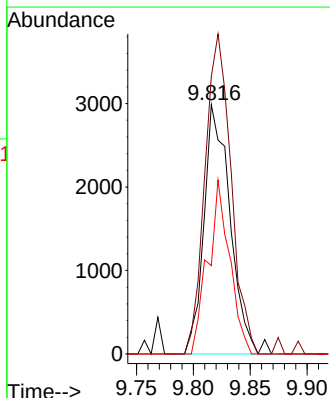
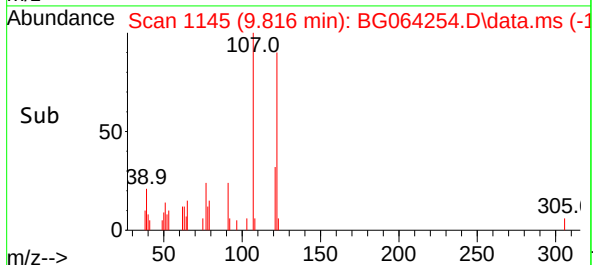
Tgt Ion:139 Resp: 3048
Ion Ratio Lower Upper
139 100
109 41.1 32.4 48.6
65 57.6 44.6 67.0

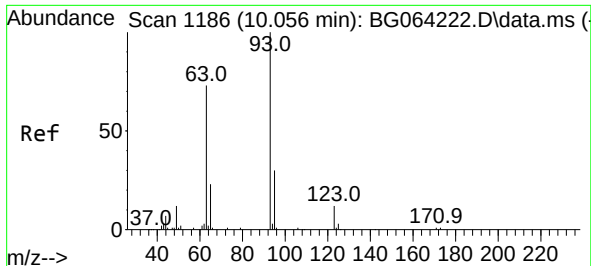


#27
2,4-Dimethylphenol
Concen: 2.025 ng
RT: 9.816 min Scan# 1145
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04



Tgt Ion:122 Resp: 4785
Ion Ratio Lower Upper
122 100
107 111.4 99.9 149.9
121 35.4 48.6 72.8#

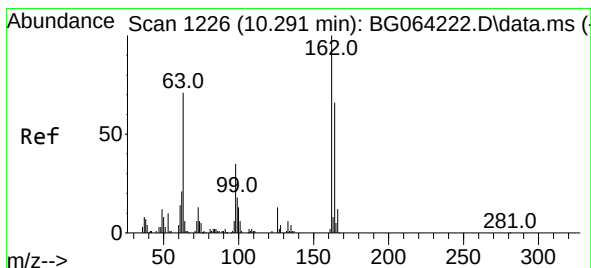
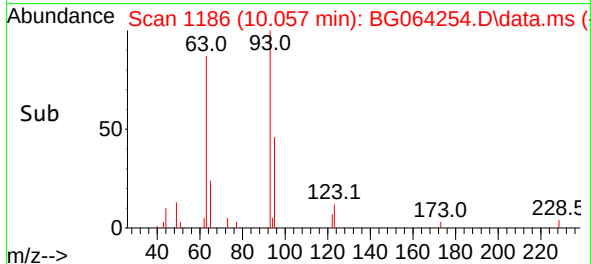
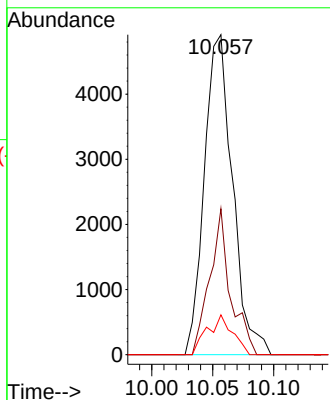
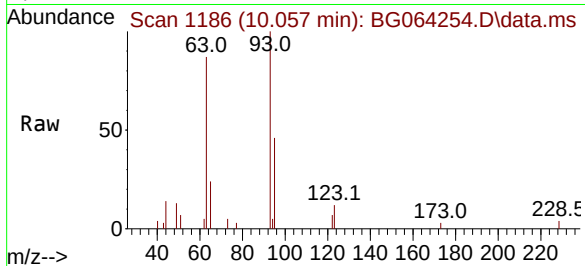




#28
bis(2-Chloroethoxy)methane
Concen: 2.363 ng
RT: 10.057 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

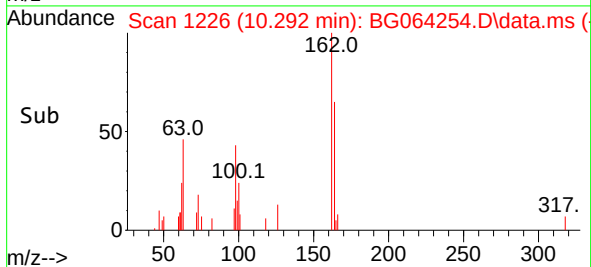
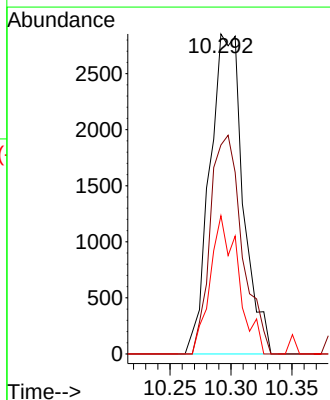
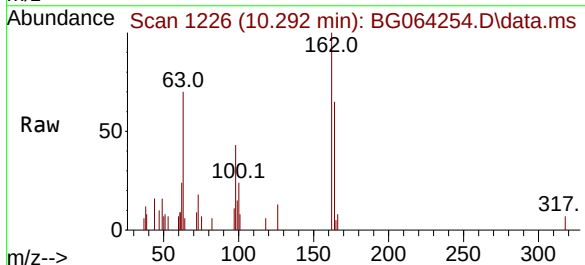
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

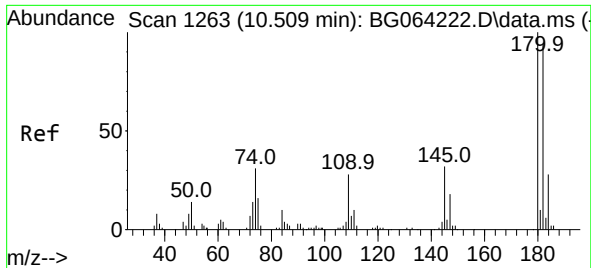
Tgt Ion: 93 Resp: 7893
Ion Ratio Lower Upper
93 100
95 45.6 23.9 35.9#
123 12.5 9.6 14.4



#29
2,4-Dichlorophenol
Concen: 2.172 ng
RT: 10.292 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:162 Resp: 5414
Ion Ratio Lower Upper
162 100
164 65.3 45.8 85.8
98 43.2 15.2 55.2

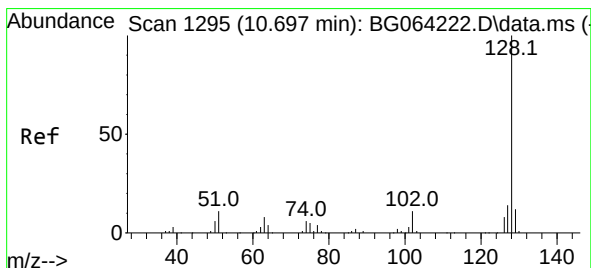
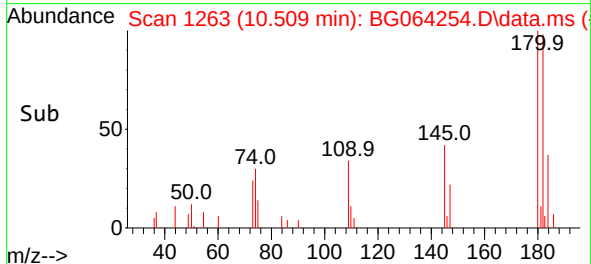
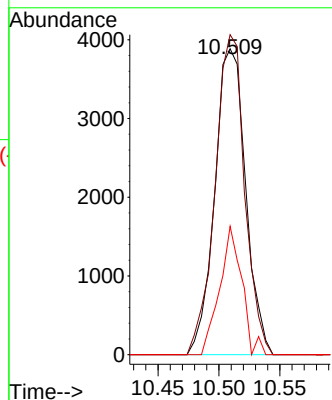
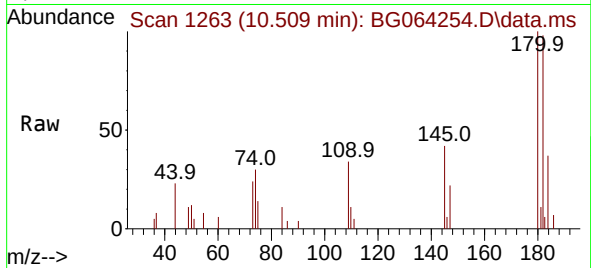




#30
1,2,4-Trichlorobenzene
Concen: 2.613 ng
RT: 10.509 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

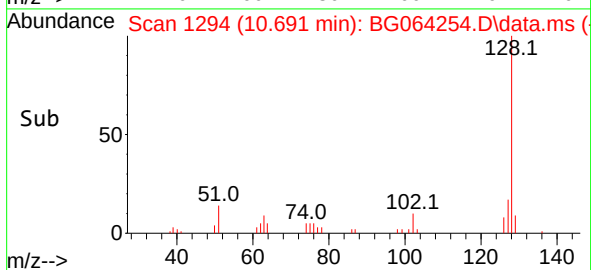
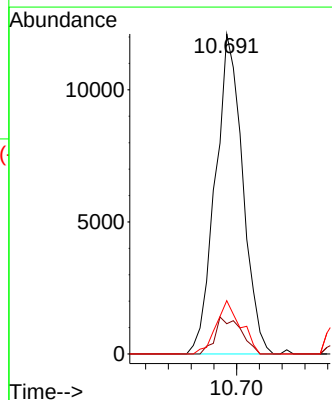
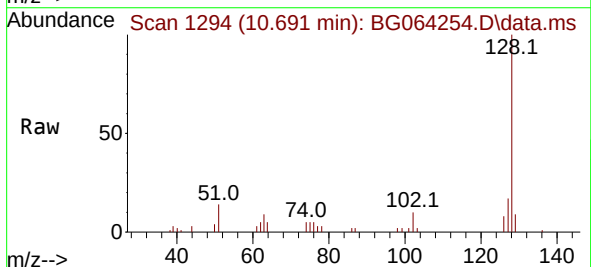
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

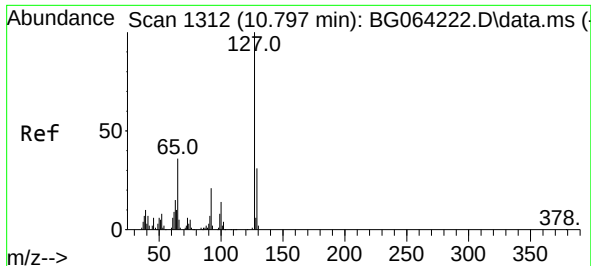
Tgt Ion:180 Resp: 6868
Ion Ratio Lower Upper
180 100
182 104.6 75.0 112.6
145 41.9 25.4 38.0#



#31
Naphthalene
Concen: 2.345 ng
RT: 10.691 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:128 Resp: 20212
Ion Ratio Lower Upper
128 100
129 9.4 9.4 14.2#
127 16.6 10.9 16.3#

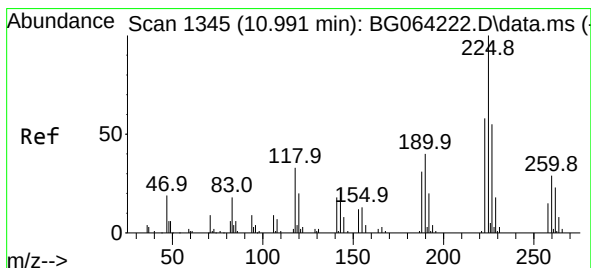
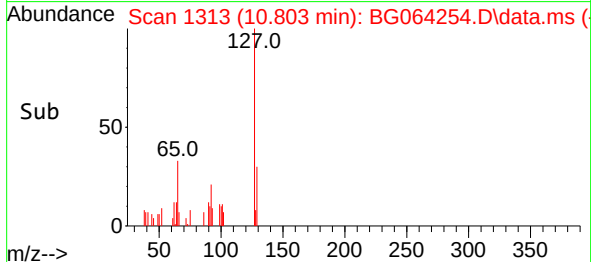
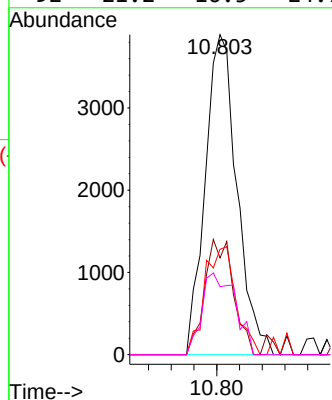
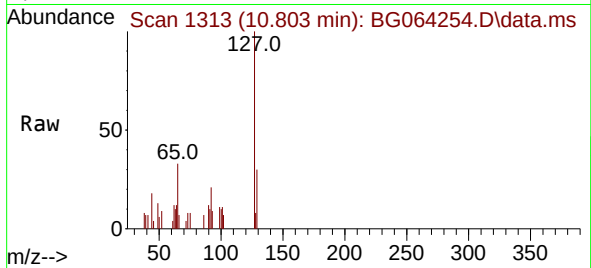




#33
4-Chloroaniline
Concen: 2.255 ng
RT: 10.803 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

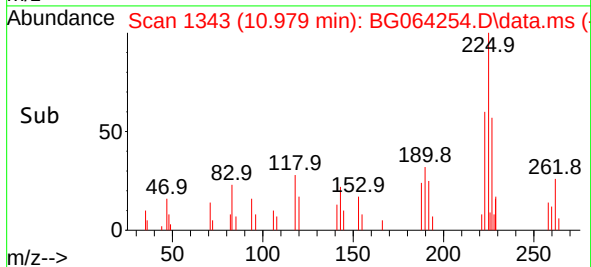
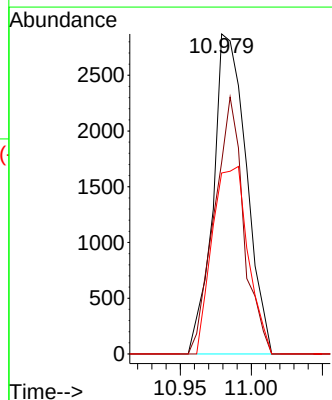
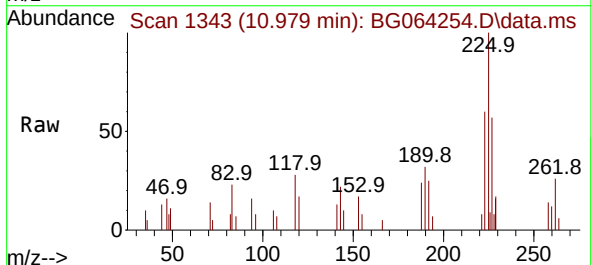
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

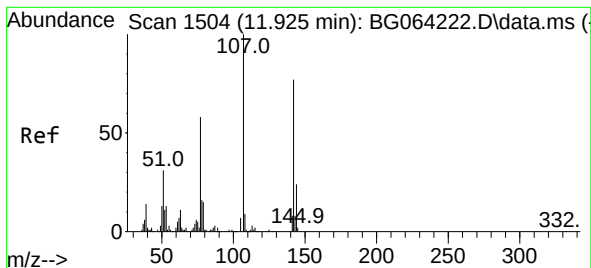
Tgt Ion:127	Resp:	7533	
Ion	Ratio	Lower	Upper
127	100		
129	30.2	25.0	37.4
65	33.0	28.7	43.1
92	21.2	16.5	24.7



#34
Hexachlorobutadiene
Concen: 2.403 ng
RT: 10.979 min Scan# 1343
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:225	Resp:	4670	
Ion	Ratio	Lower	Upper
225	100		
223	54.9	46.5	69.7
227	51.8	44.1	66.1

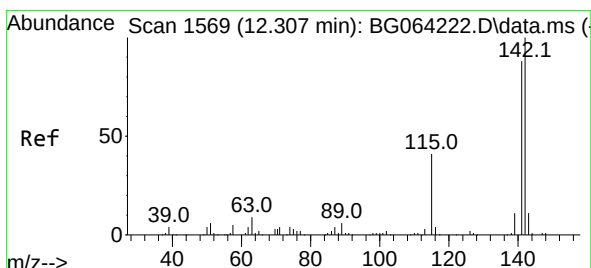
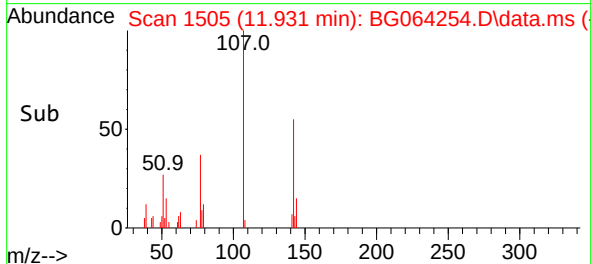
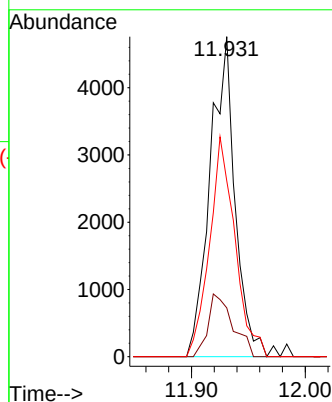
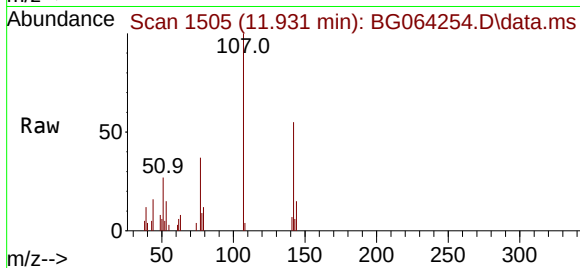




#36
4-Chloro-3-methylphenol
Concen: 2.258 ng
RT: 11.931 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

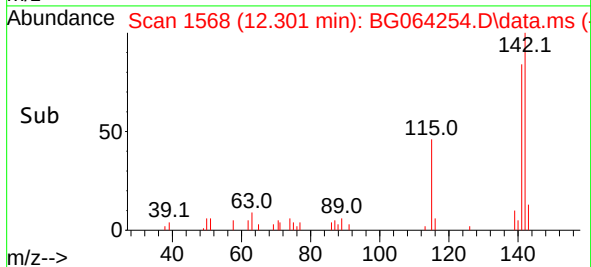
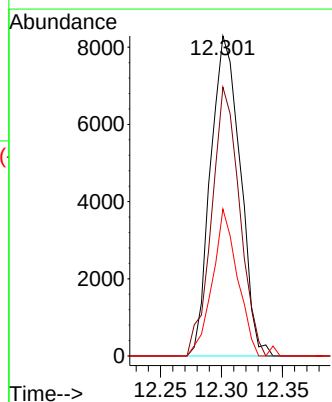
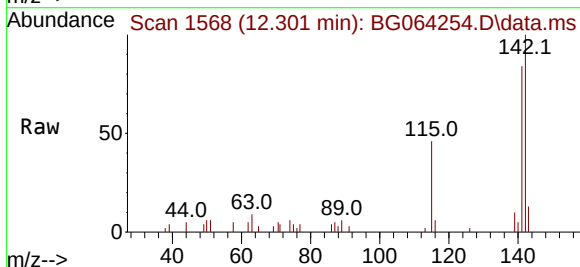
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

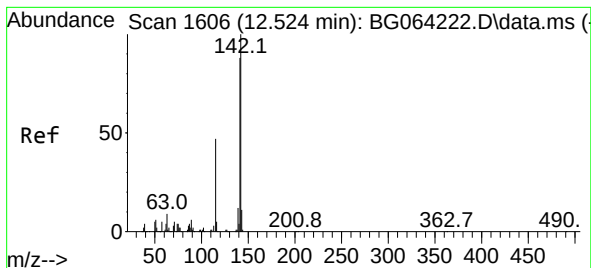
Tgt Ion:107 Resp: 7302
Ion Ratio Lower Upper
107 100
144 15.3 19.5 29.3#
142 54.9 62.0 93.0#



#37
2-Methylnaphthalene
Concen: 2.186 ng
RT: 12.301 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:142 Resp: 14008
Ion Ratio Lower Upper
142 100
141 84.0 70.1 105.1
115 45.9 33.1 49.7

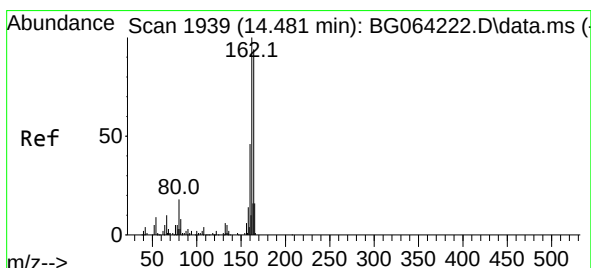
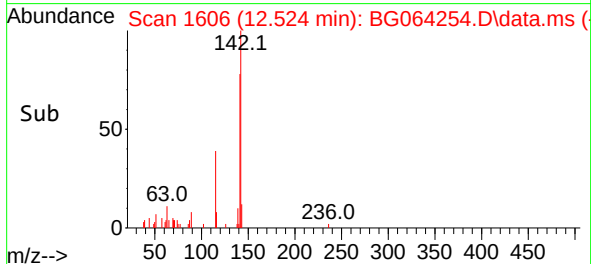
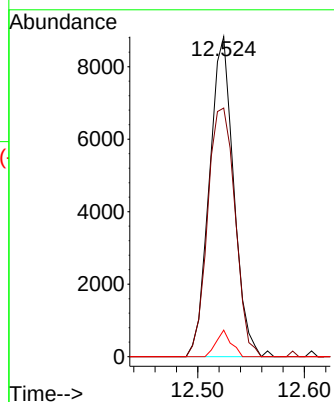
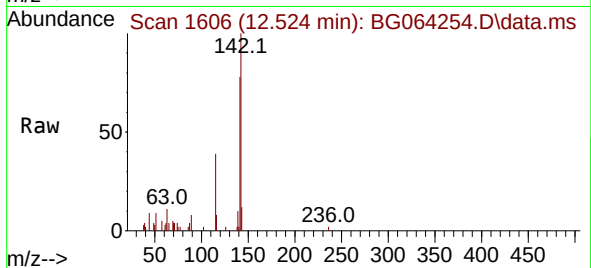




#38
1-Methylnaphthalene
Concen: 2.212 ng
RT: 12.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

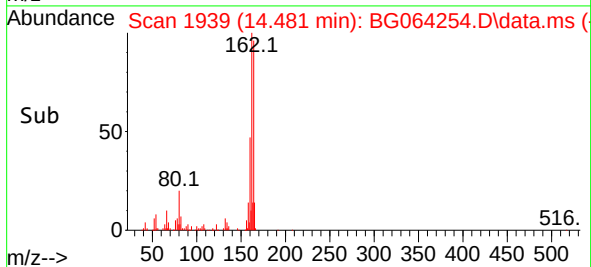
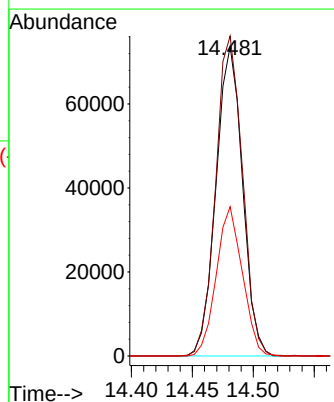
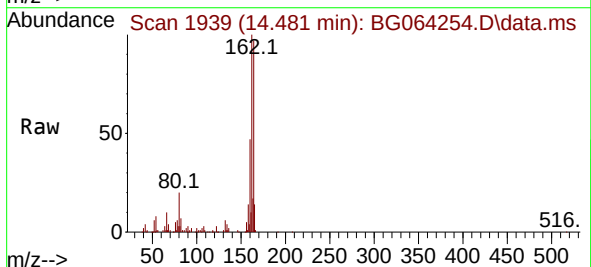
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

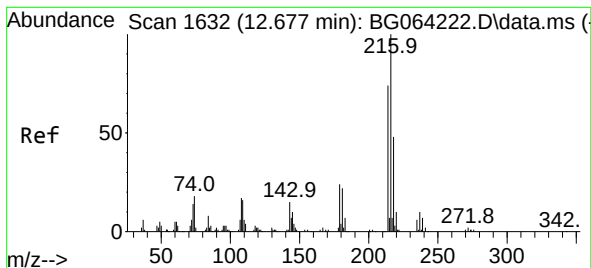
Tgt Ion:142 Resp: 14001
Ion Ratio Lower Upper
142 100
141 77.7 70.3 105.5
116 8.3 3.7 5.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:164 Resp: 111297
Ion Ratio Lower Upper
164 100
162 103.4 85.4 128.0
160 48.2 39.2 58.8





#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.533 ng

RT: 12.671 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:216 Resp: 8133

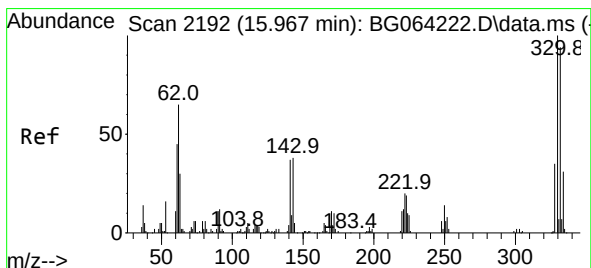
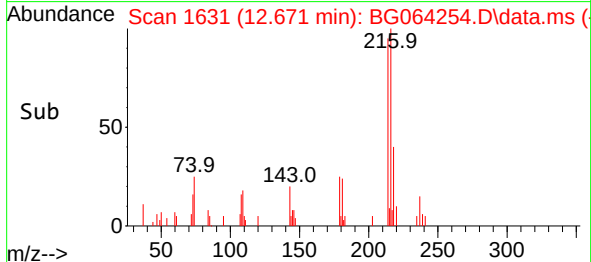
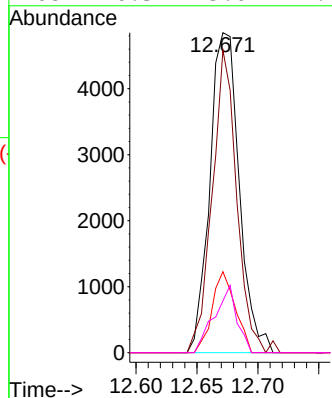
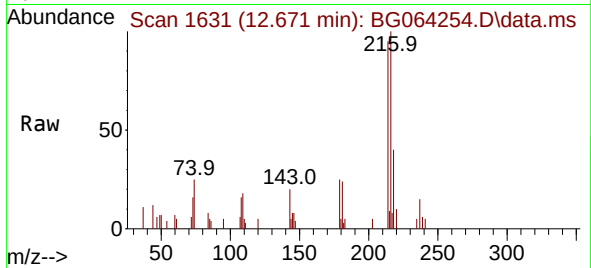
Ion Ratio Lower Upper

216 100

214 79.2 61.9 92.9

179 20.0 17.9 26.9

108 16.3 15.0 22.4



#42

2,4,6-Tribromophenol

Concen: 119.055 ng

RT: 15.967 min Scan# 2192

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

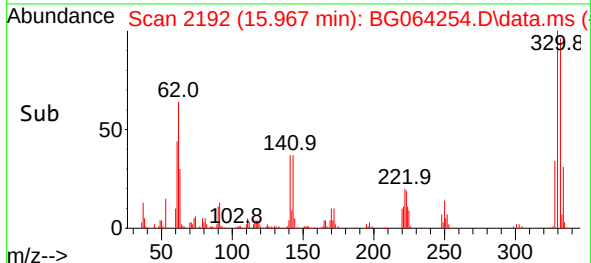
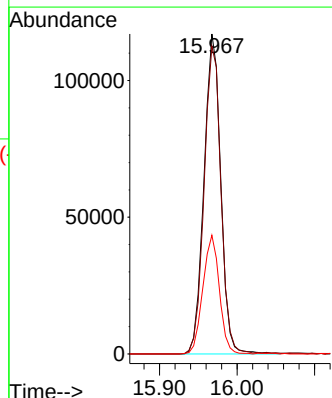
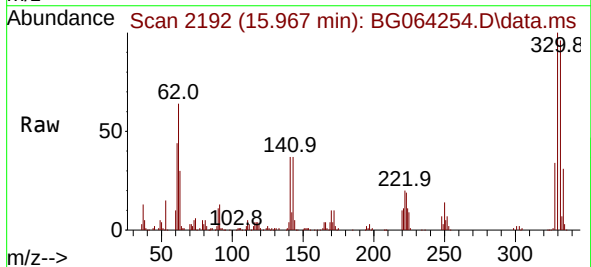
Tgt Ion:330 Resp: 175508

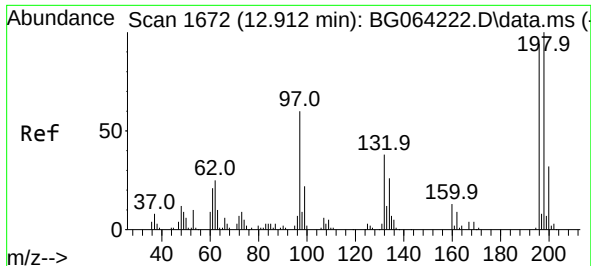
Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 36.5 29.8 44.6

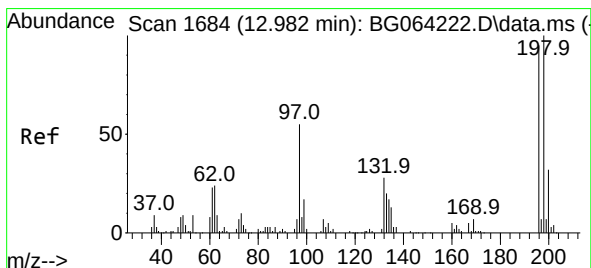
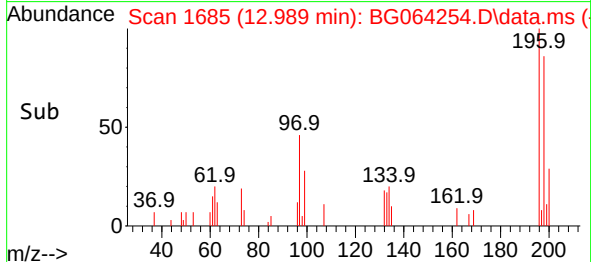
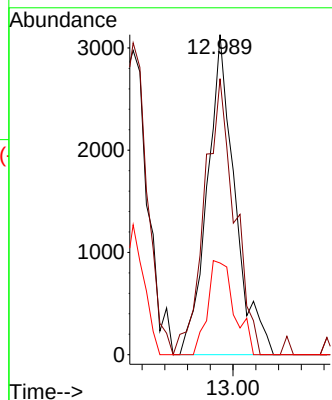
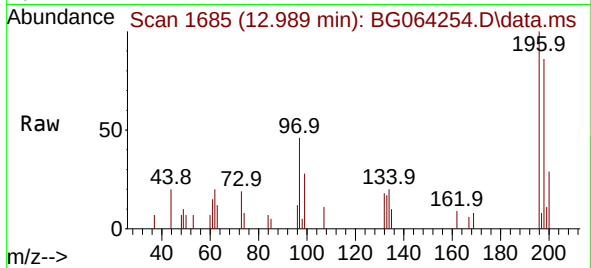




#43
2,4,6-Trichlorophenol
Concen: 2.466 ng
RT: 12.989 min Scan# 1685
Delta R.T. 0.076 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

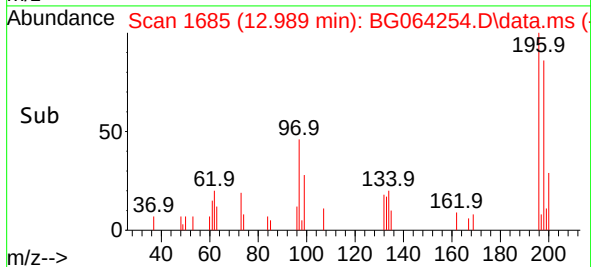
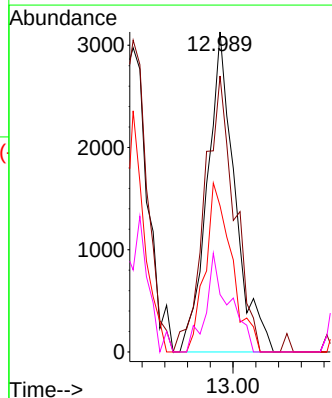
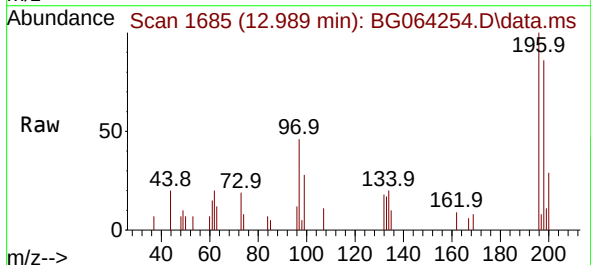
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

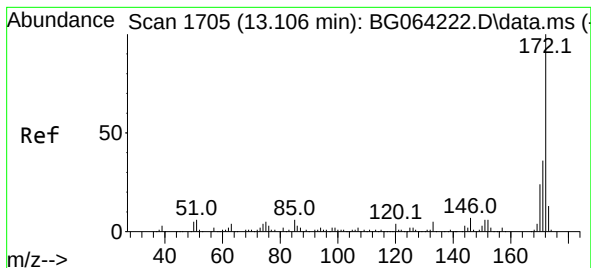
Tgt Ion:196 Resp: 5294
Ion Ratio Lower Upper
196 100
198 86.3 85.4 128.2
200 28.6 27.3 40.9



#44
2,4,5-Trichlorophenol
Concen: 2.274 ng
RT: 12.989 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:196 Resp: 5294
Ion Ratio Lower Upper
196 100
198 86.3 84.5 126.7
97 45.7 46.8 70.2#
132 18.0 23.4 35.2#

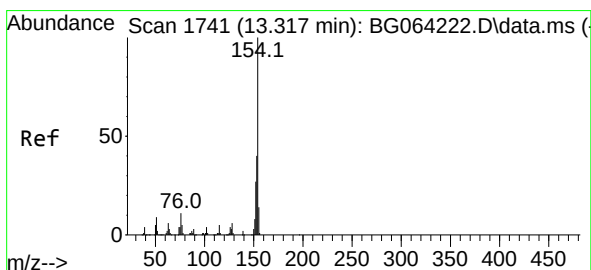
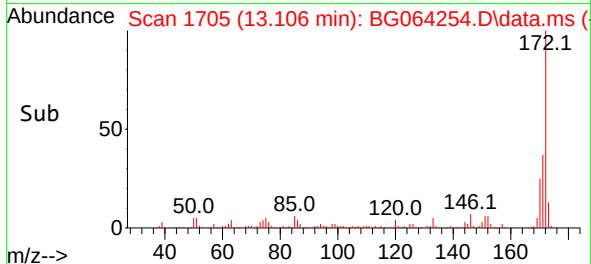
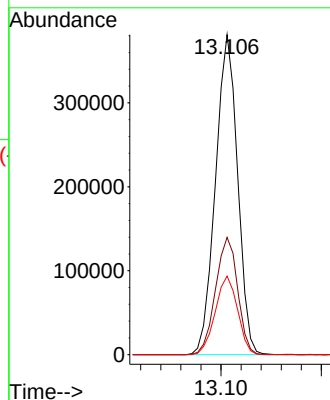
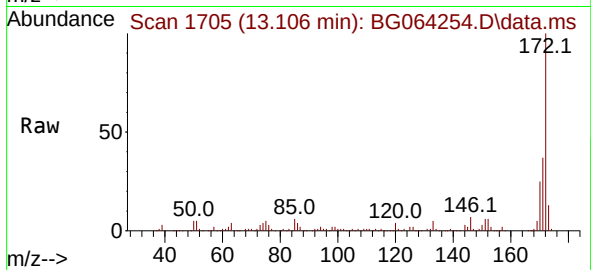




#45
2-Fluorobiphenyl
Concen: 79.817 ng
RT: 13.106 min Scan# 1705
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

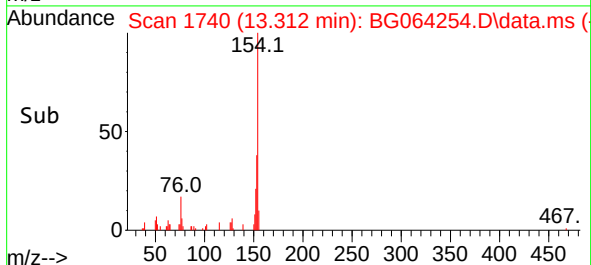
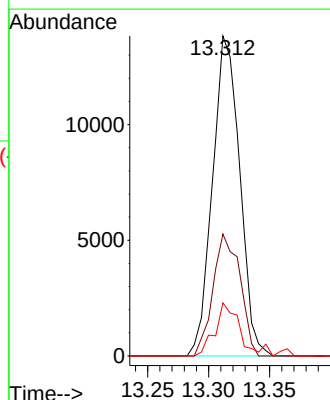
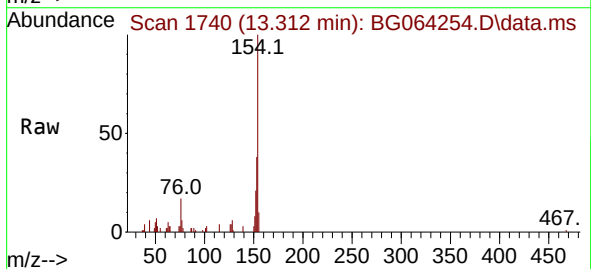
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

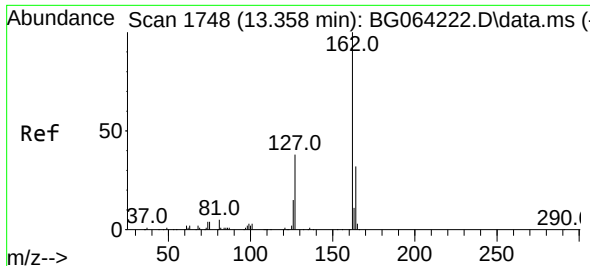
Tgt Ion:172 Resp: 581999
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 2.644 ng
RT: 13.312 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:154 Resp: 21435
Ion Ratio Lower Upper
154 100
153 38.1 19.9 59.9
76 16.6 0.0 30.9

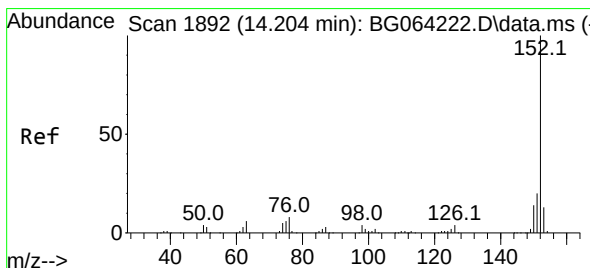
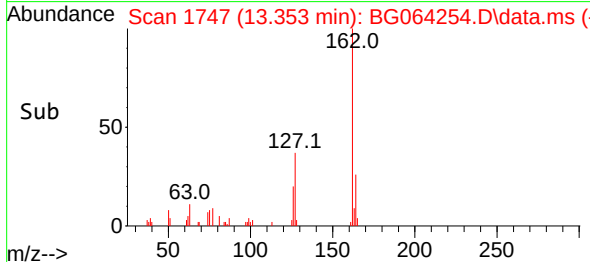
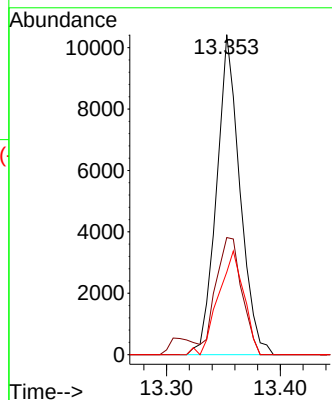
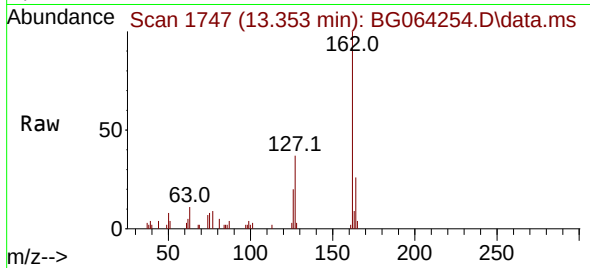




#47
2-Chloronaphthalene
Concen: 2.443 ng
RT: 13.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

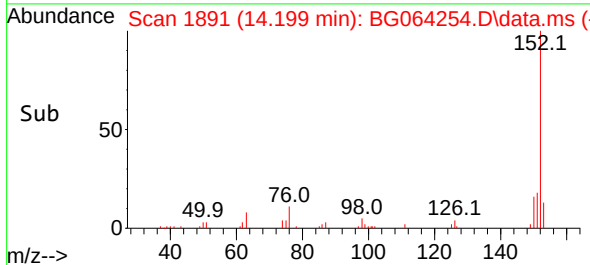
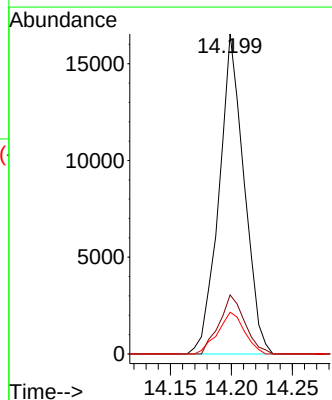
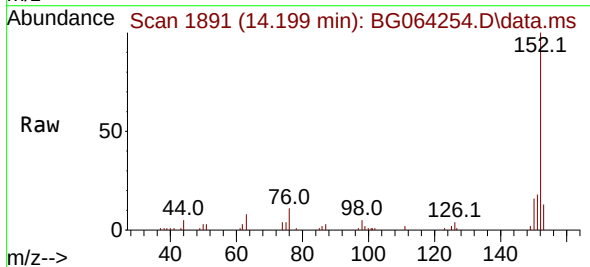
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

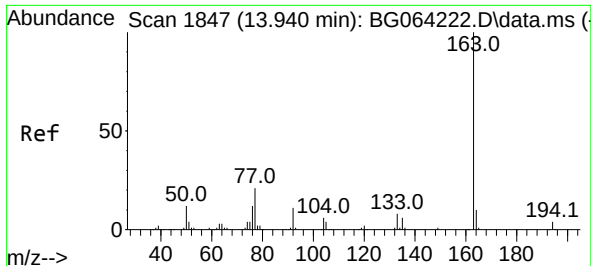
Tgt Ion:	162	Resp:	14891
Ion	Ratio	Lower	Upper
162	100		
127	36.6	33.9	50.9
164	25.8	25.4	38.2



#49
Acenaphthylene
Concen: 2.627 ng
RT: 14.199 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:	152	Resp:	23665
Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.2
153	13.1	10.1	15.1

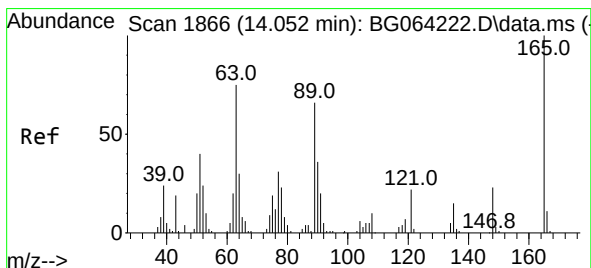
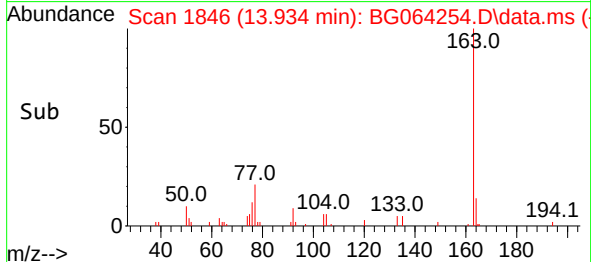
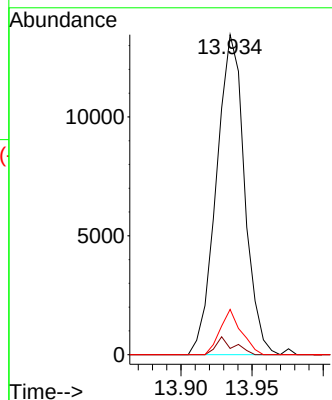
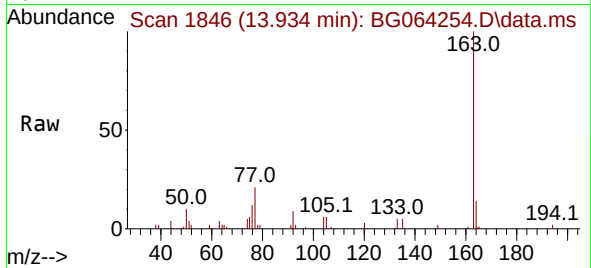




#50
Dimethylphthalate
Concen: 2.199 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

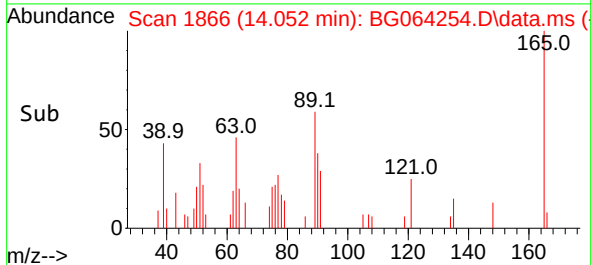
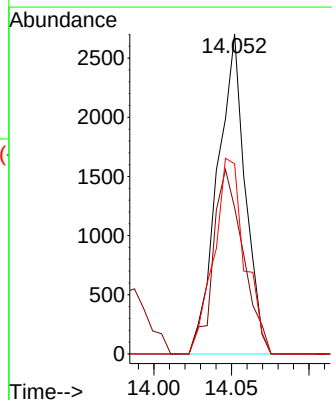
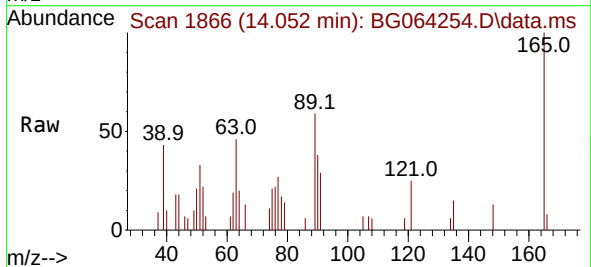
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

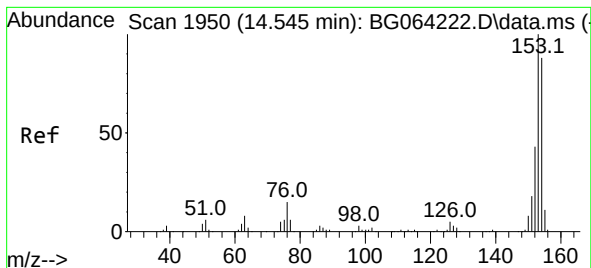
Tgt Ion:163 Resp: 18521
Ion Ratio Lower Upper
163 100
194 2.0 3.0 4.4#
164 15.6 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 2.068 ng
RT: 14.052 min Scan# 1866
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:165 Resp: 3372
Ion Ratio Lower Upper
165 100
63 45.7 60.3 90.5#
89 59.4 52.9 79.3





#52

Acenaphthene

Concen: 2.345 ng

RT: 14.540 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

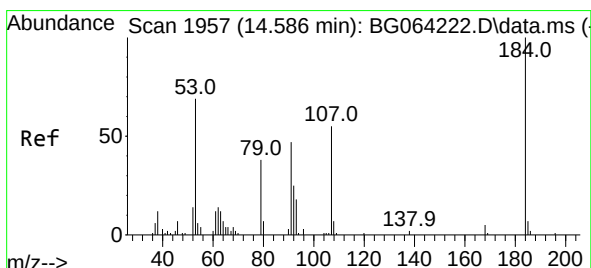
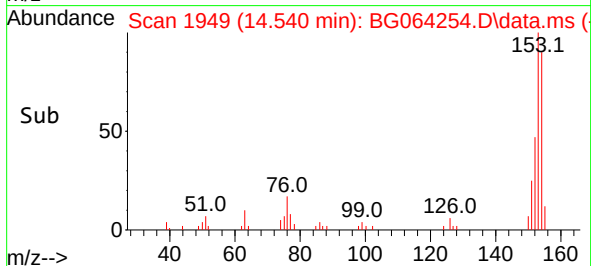
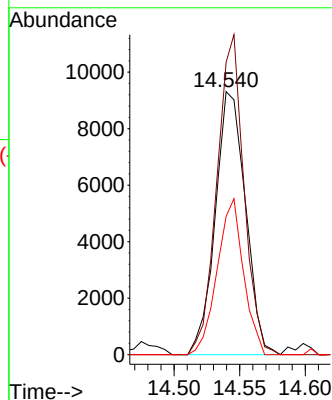
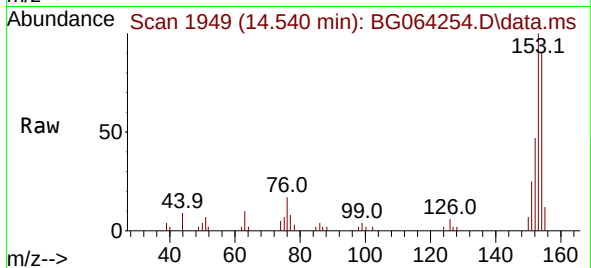
Tgt Ion:154 Resp: 14908

Ion Ratio Lower Upper

154 100

153 111.2 91.1 136.7

152 52.6 39.6 59.4



#54

2,4-Dinitrophenol

Concen: 6.017 ng

RT: 14.593 min Scan# 1958

Delta R.T. 0.001 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

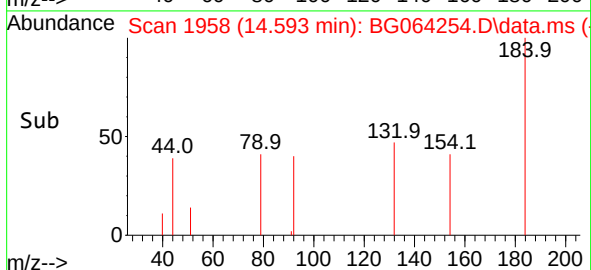
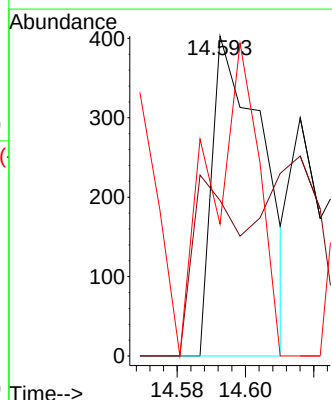
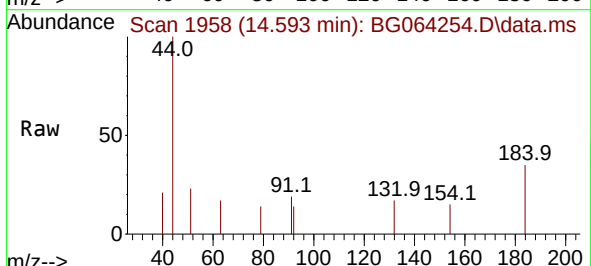
Tgt Ion:184 Resp: 419

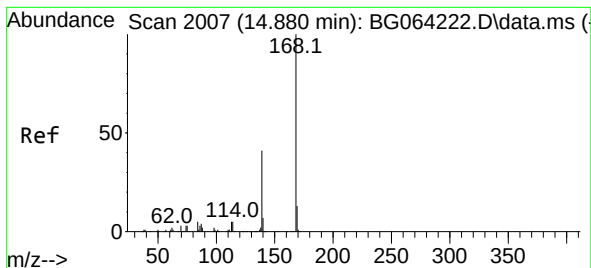
Ion Ratio Lower Upper

184 100

63 48.6 60.1 90.1#

154 41.2 59.8 89.8#





#55

Dibenzenofuran

Concen: 2.169 ng

RT: 14.880 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

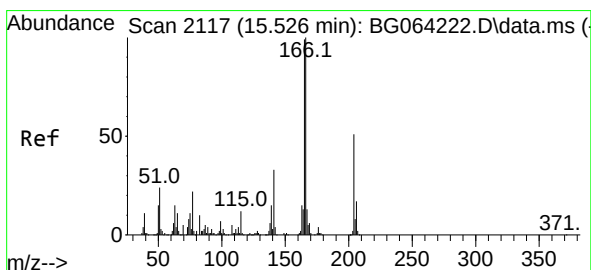
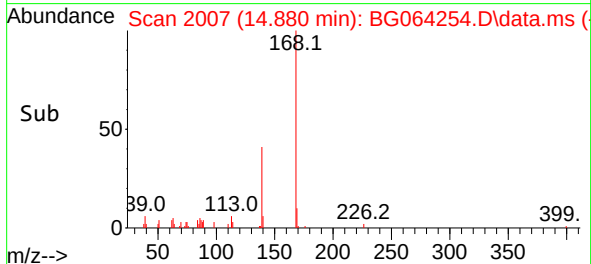
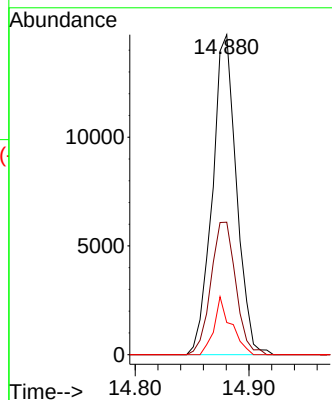
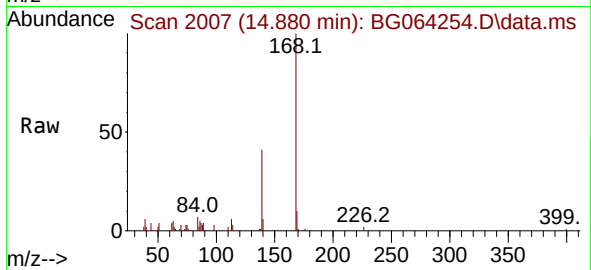
Tgt Ion:168 Resp: 21692

Ion Ratio Lower Upper

168 100

139 41.4 33.2 49.8

169 10.1 10.4 15.6#



#58

Fluorene

Concen: 2.255 ng

RT: 15.527 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

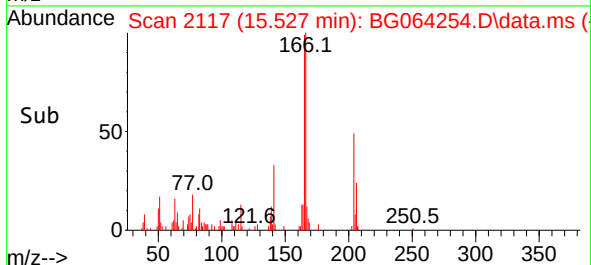
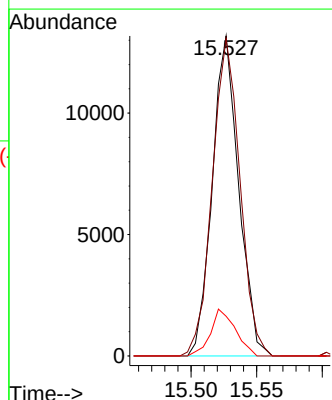
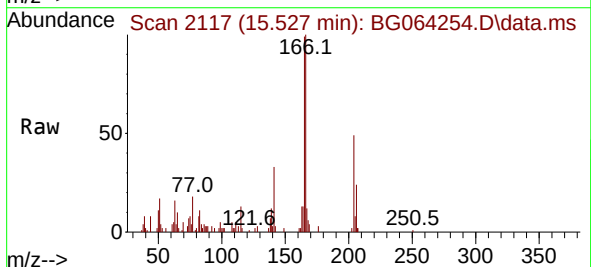
Tgt Ion:166 Resp: 18486

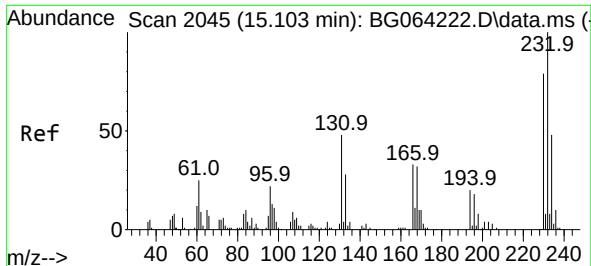
Ion Ratio Lower Upper

166 100

165 99.3 79.1 118.7

167 12.4 10.2 15.4

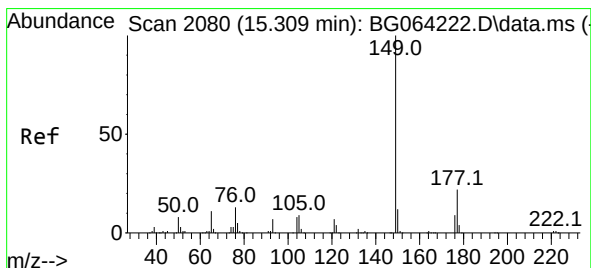
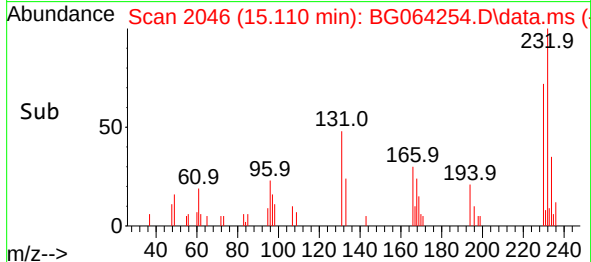
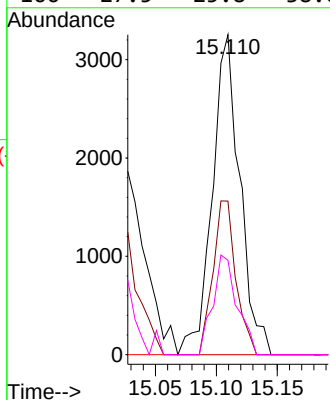
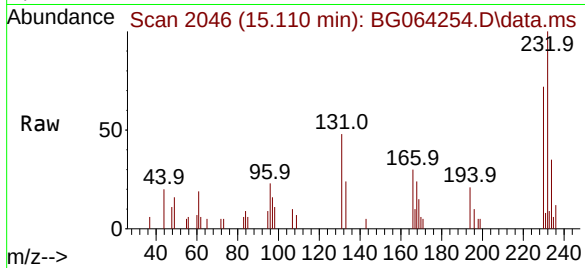




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.285 ng
RT: 15.110 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

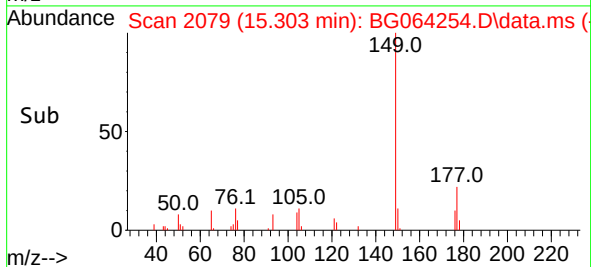
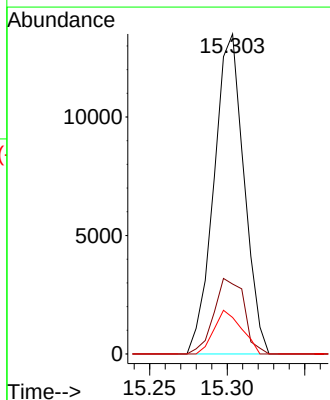
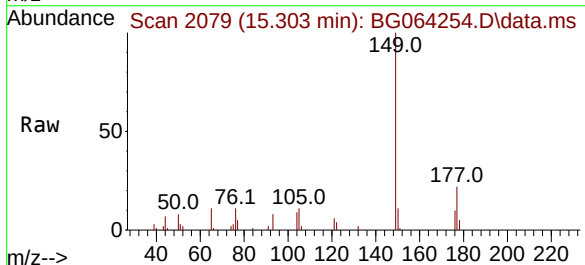
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

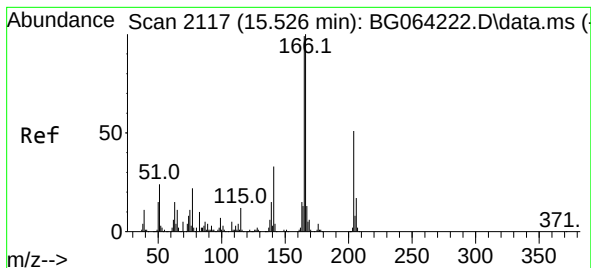
Tgt Ion:232 Resp: 5118
Ion Ratio Lower Upper
232 100
131 40.0 37.1 55.7
130 0.0 2.6 3.8#
166 27.5 25.8 38.6



#60
Diethylphthalate
Concen: 2.017 ng
RT: 15.303 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:149 Resp: 18187
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 11.4 9.9 14.9

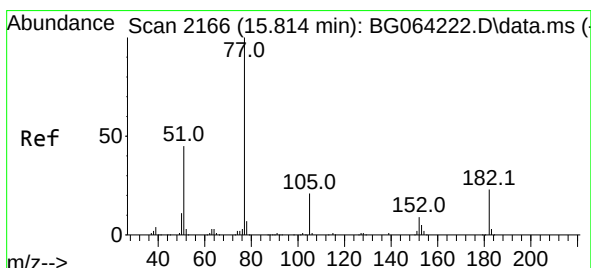
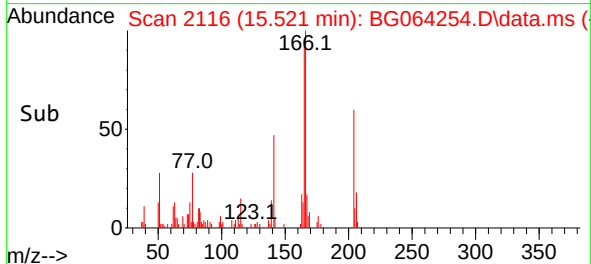
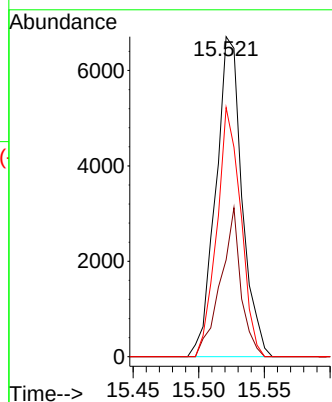
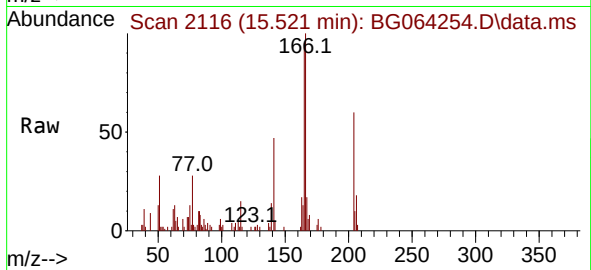




#61
4-Chlorophenyl-phenylether
Concen: 2.282 ng
RT: 15.521 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

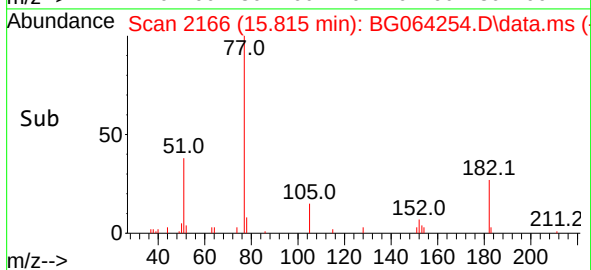
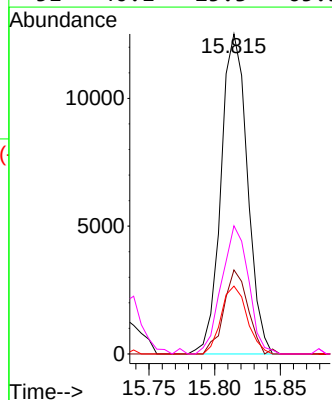
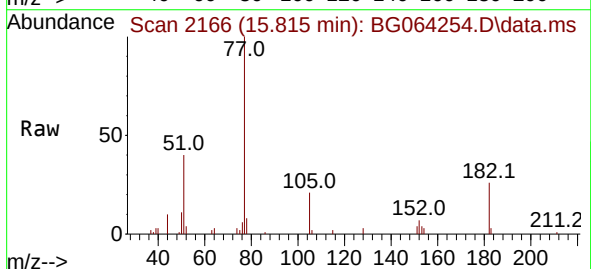
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

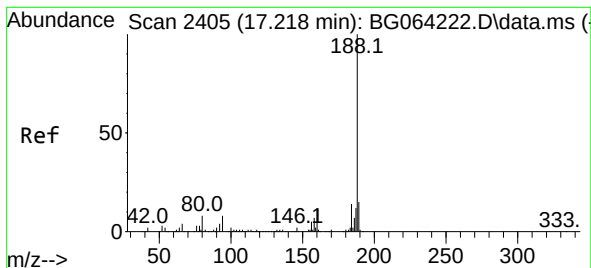
Tgt Ion: 204 Resp: 9324
Ion Ratio Lower Upper
204 100
206 30.3 26.2 39.4
141 77.8 51.9 77.9



#63
Azobenzene
Concen: 2.178 ng
RT: 15.815 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion: 77 Resp: 17505
Ion Ratio Lower Upper
77 100
182 26.3 3.3 43.3
105 21.2 0.6 40.6
51 40.1 25.3 65.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.219 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

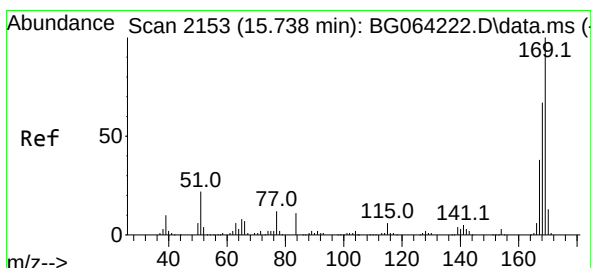
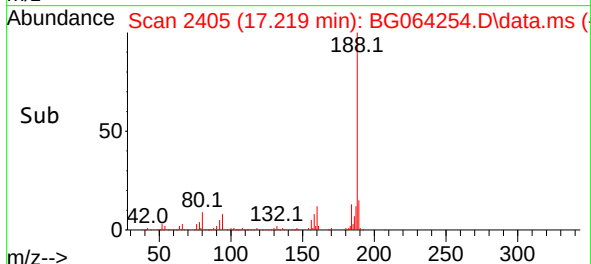
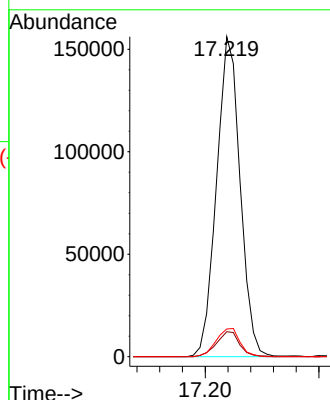
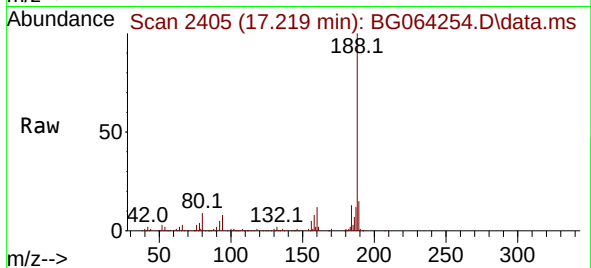
Tgt Ion:188 Resp: 224867

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

80 8.7 6.8 10.2



#66

n-Nitrosodiphenylamine

Concen: 2.480 ng

RT: 15.738 min Scan# 2153

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

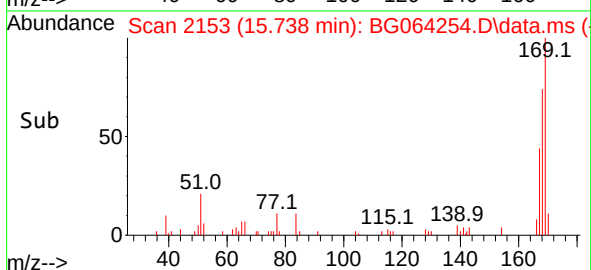
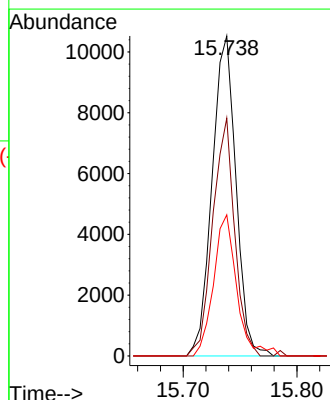
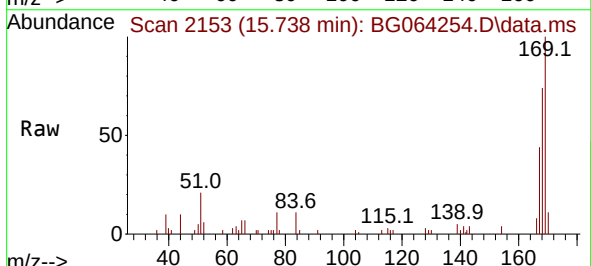
Tgt Ion:169 Resp: 15340

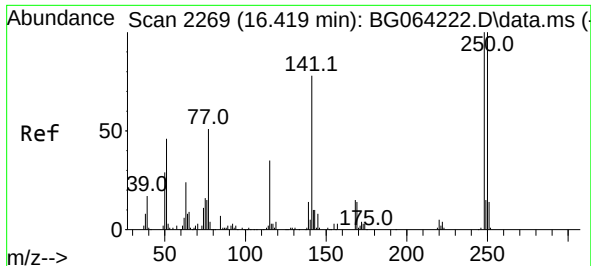
Ion Ratio Lower Upper

169 100

168 74.3 53.8 80.8

167 44.1 30.2 45.2

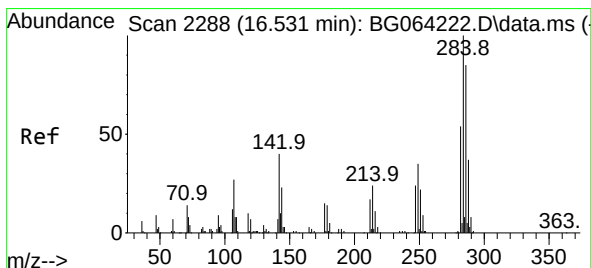
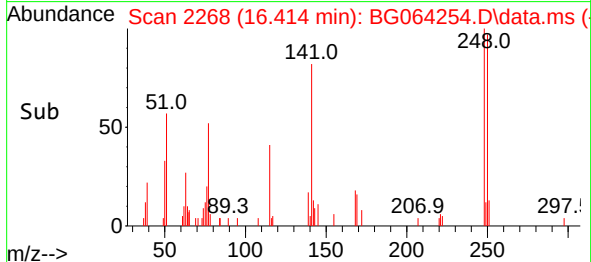
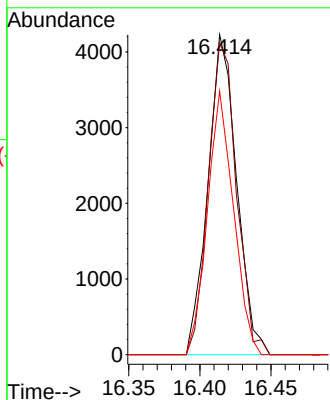
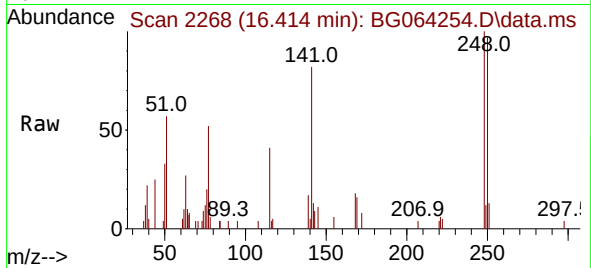




#67
4-Bromophenyl-phenylether
Concen: 2.487 ng
RT: 16.414 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

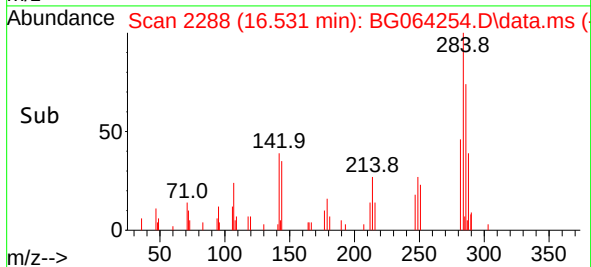
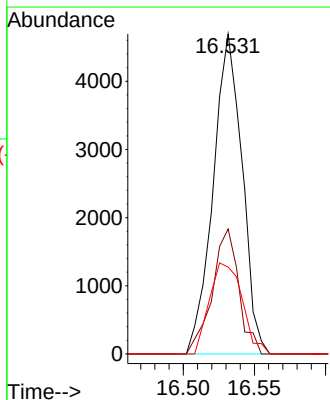
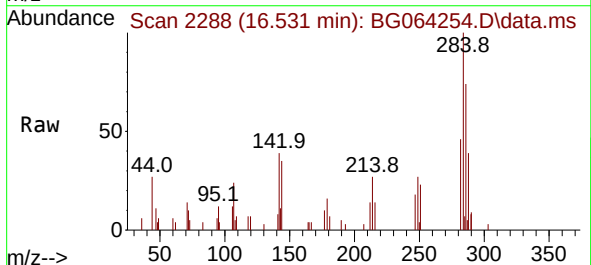
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

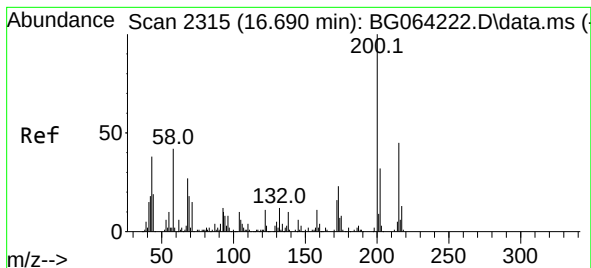
Tgt Ion:248 Resp: 5939
Ion Ratio Lower Upper
248 100
250 97.5 80.2 120.4
141 82.4 62.4 93.6



#68
Hexachlorobenzene
Concen: 2.507 ng
RT: 16.531 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:284 Resp: 6649
Ion Ratio Lower Upper
284 100
142 39.1 32.1 48.1
249 27.1 28.3 42.5#





#69

Atrazine

Concen: 2.192 ng

RT: 16.684 min Scan# 21

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

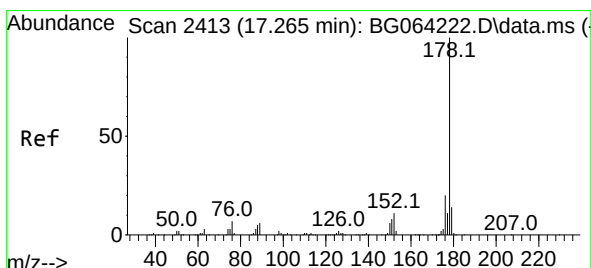
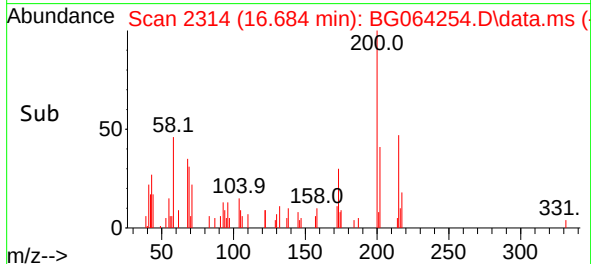
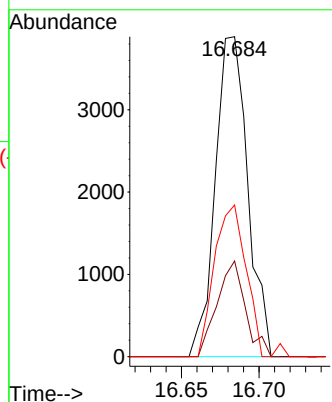
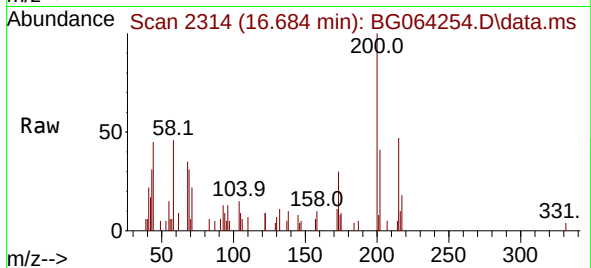
Tgt Ion:200 Resp: 5662

Ion Ratio Lower Upper

200 100

173 29.9 3.5 43.5

215 47.4 24.8 64.8



#71

Phenanthrene

Concen: 2.399 ng

RT: 17.266 min Scan# 2413

Delta R.T. 0.000 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

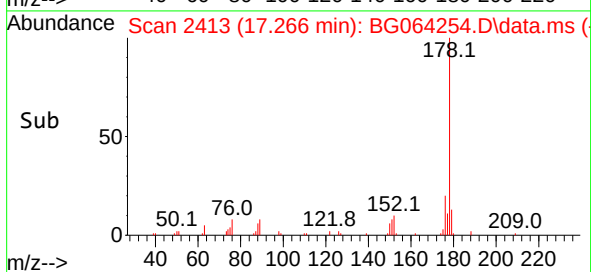
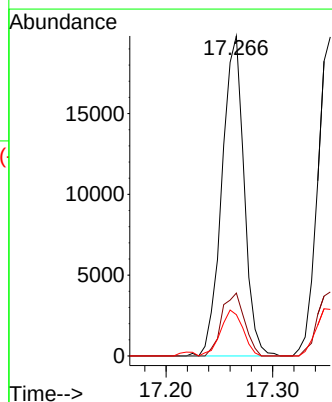
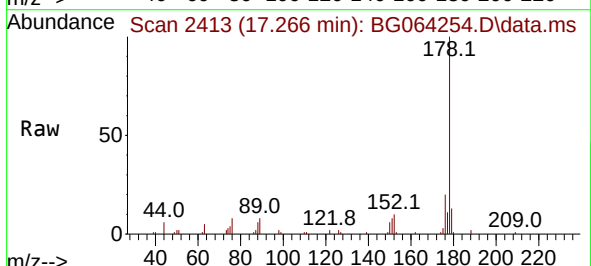
Tgt Ion:178 Resp: 28449

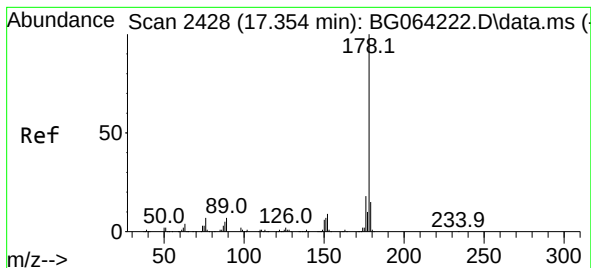
Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

179 12.9 11.4 17.2





#72

Anthracene

Concen: 2.376 ng

RT: 17.354 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

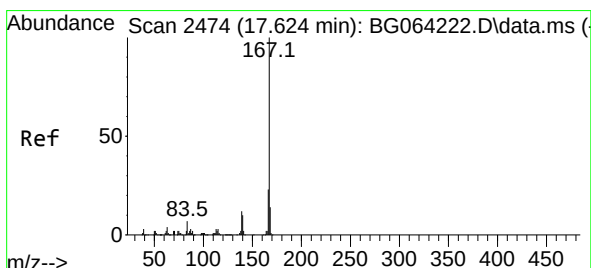
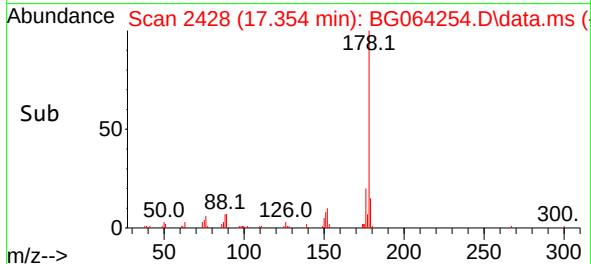
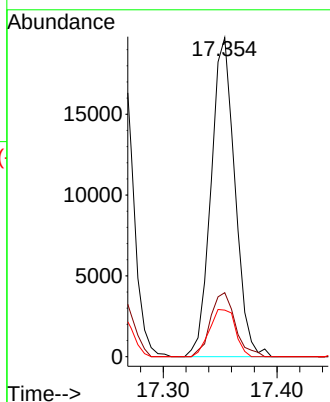
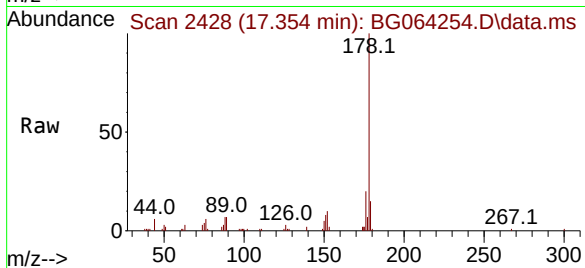
Tgt Ion:178 Resp: 28667

Ion Ratio Lower Upper

178 100

176 20.1 14.7 22.1

179 14.6 12.1 18.1



#73

Carbazole

Concen: 2.265 ng

RT: 17.624 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

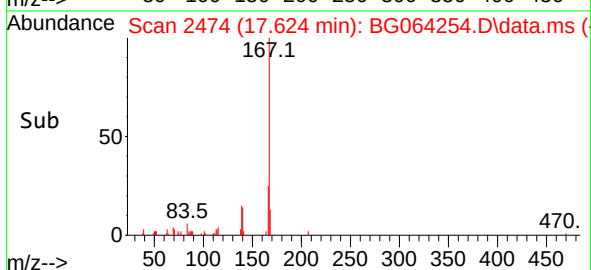
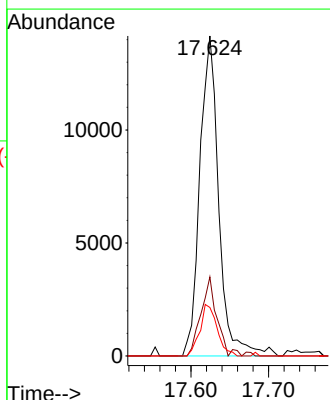
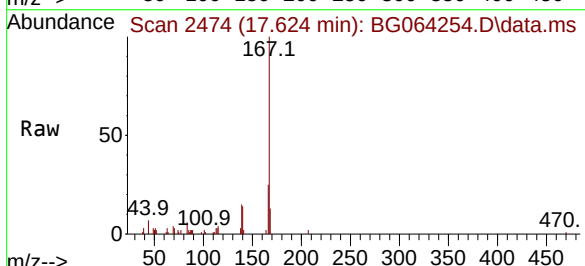
Tgt Ion:167 Resp: 24071

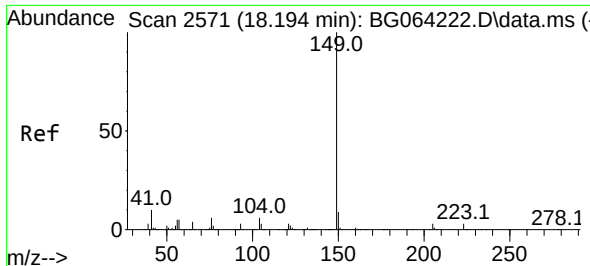
Ion Ratio Lower Upper

167 100

166 24.7 18.2 27.2

139 15.1 9.8 14.6#

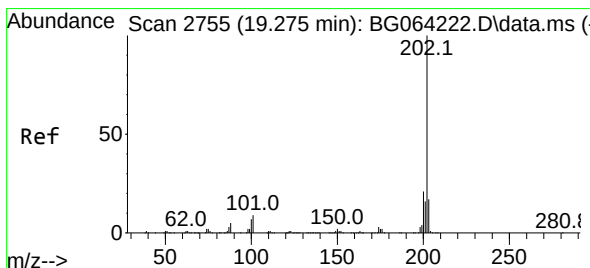
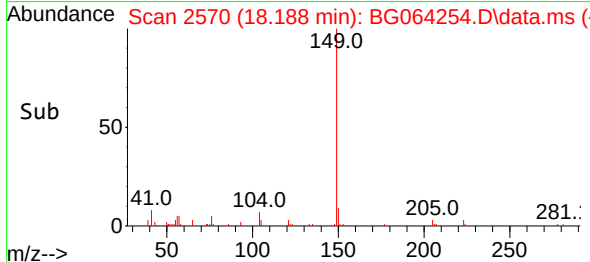
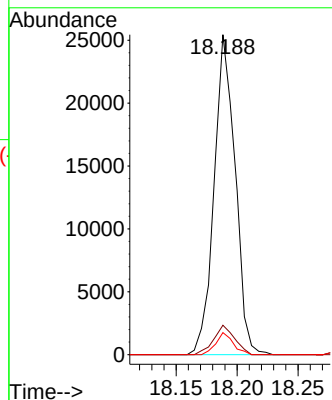
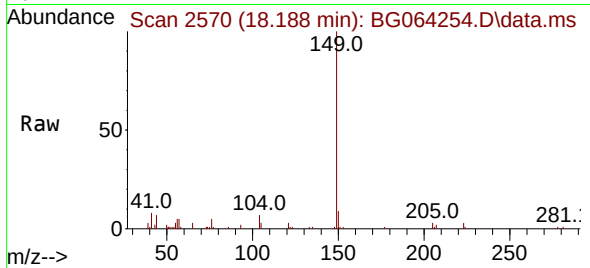




#74
Di-n-butylphthalate
Concen: 2.394 ng
RT: 18.188 min Scan# 2570
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

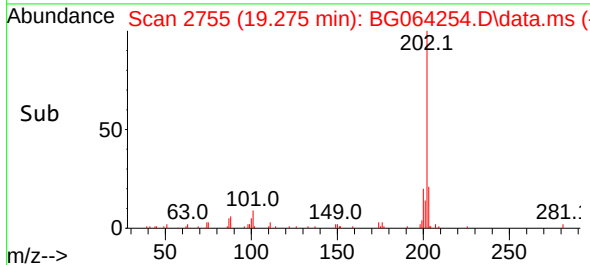
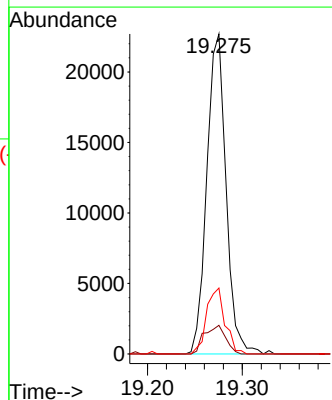
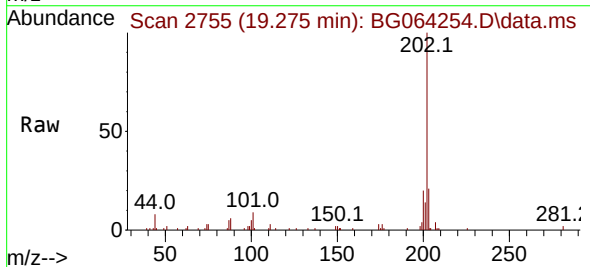
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

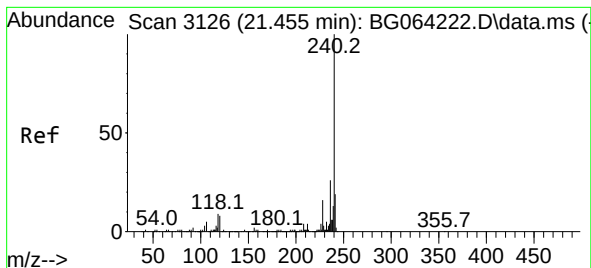
Tgt Ion:149 Resp: 30562
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 6.9 4.6 7.0



#75
Fluoranthene
Concen: 2.292 ng
RT: 19.275 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:202 Resp: 31965
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.7
203 20.6 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

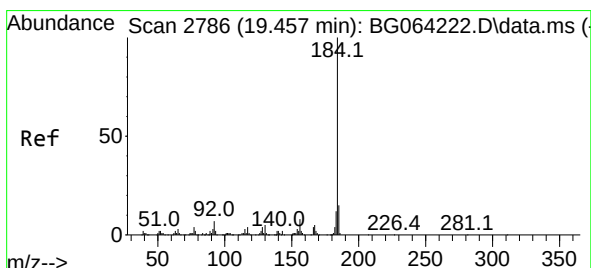
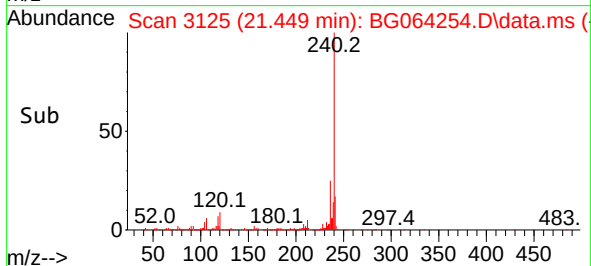
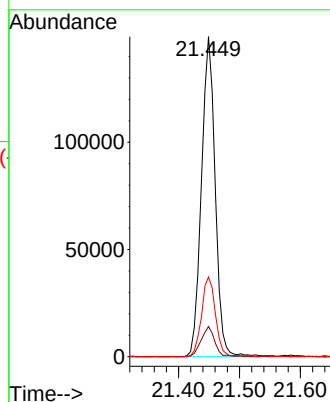
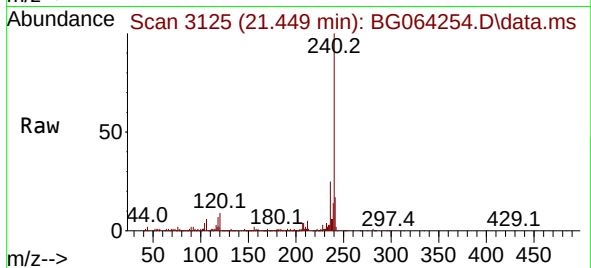
Tgt Ion:240 Resp: 233782

Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.4#

236 24.9 20.5 30.7



#77

Benzidine

Concen: 2.031 ng

RT: 19.463 min Scan# 2787

Delta R.T. 0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

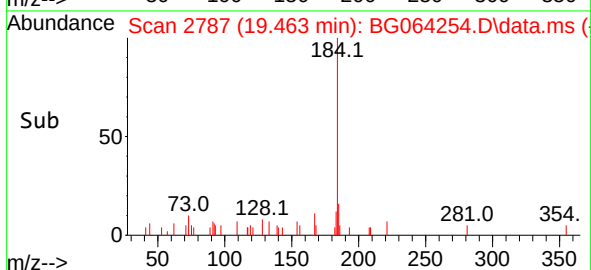
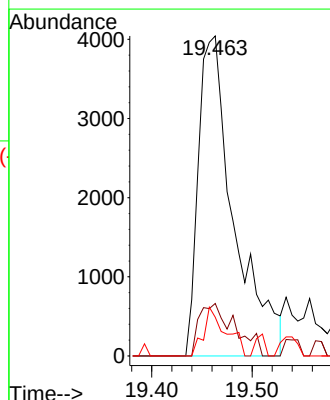
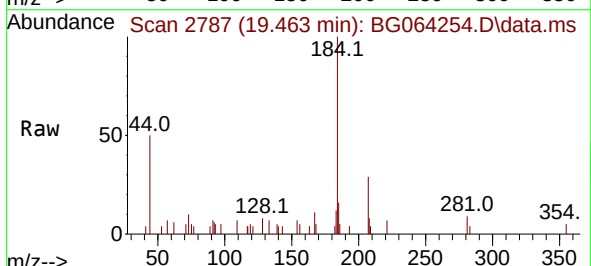
Tgt Ion:184 Resp: 9987

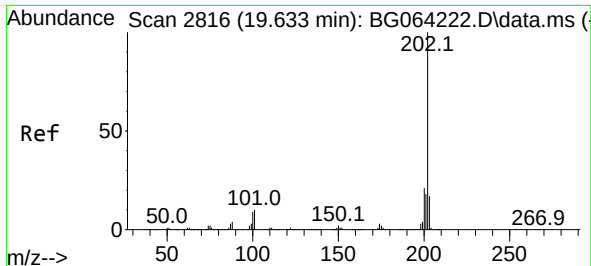
Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

183 12.1 9.7 14.5

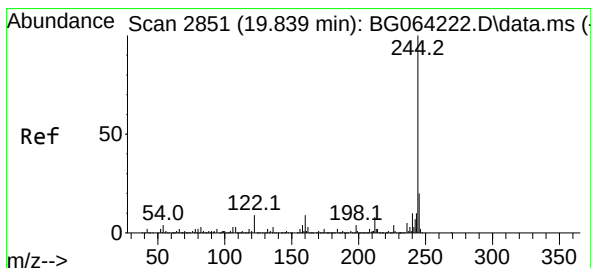
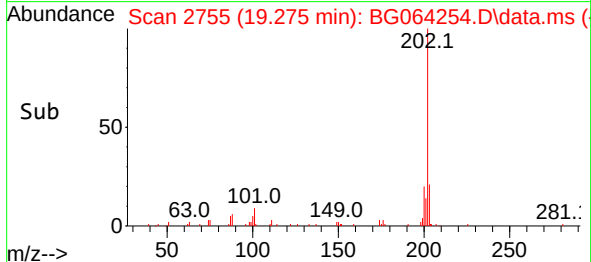
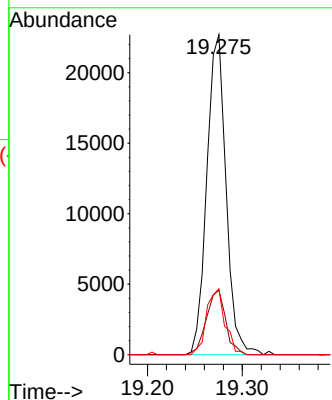
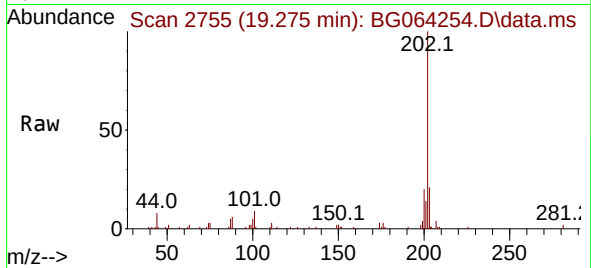




#78
Pyrene
Concen: 2.170 ng
RT: 19.275 min Scan# 21
Delta R.T. -0.364 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

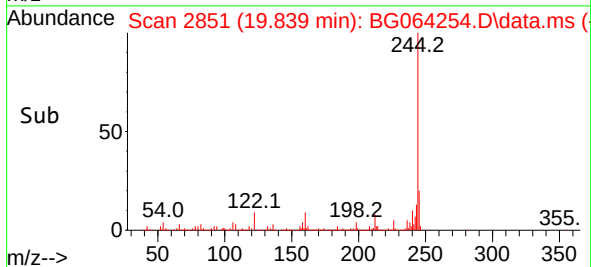
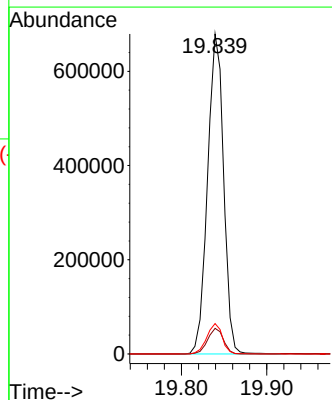
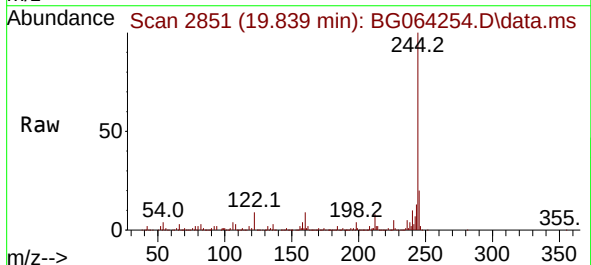
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT3-2025

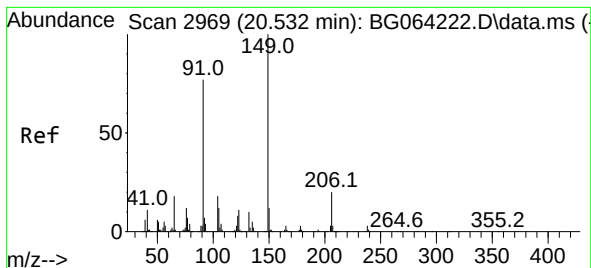
Tgt Ion:202 Resp: 31965
Ion Ratio Lower Upper
202 100
200 20.1 16.9 25.3
203 20.6 13.8 20.8



#79
Terphenyl-d14
Concen: 79.293 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:244 Resp: 888499
Ion Ratio Lower Upper
244 100
212 8.0 6.6 10.0
122 9.5 7.0 10.6





#80

Butylbenzylphthalate

Concen: 2.645 ng

RT: 20.533 min Scan# 2969

Delta R.T. 0.000 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

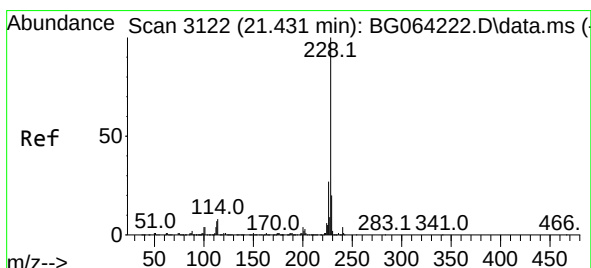
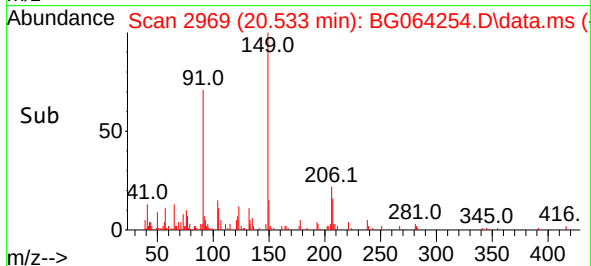
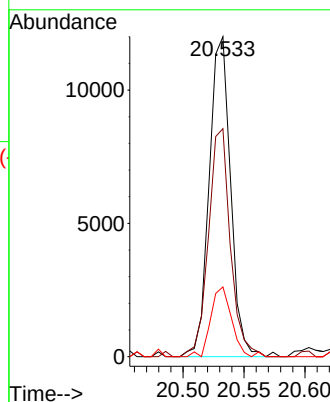
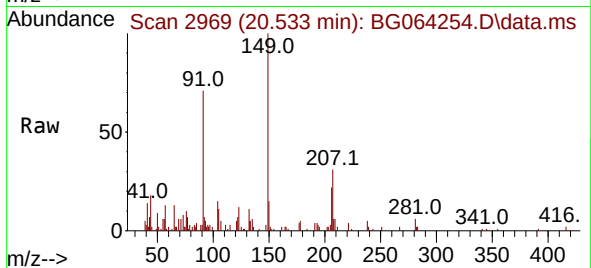
Tgt Ion:149 Resp: 14691

Ion Ratio Lower Upper

149 100

91 71.2 61.4 92.0

206 21.8 15.8 23.6



#81

Benzo(a)anthracene

Concen: 2.394 ng

RT: 21.426 min Scan# 3121

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

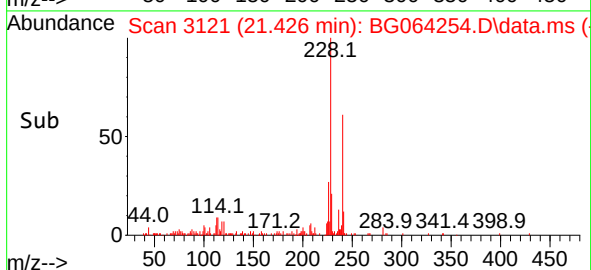
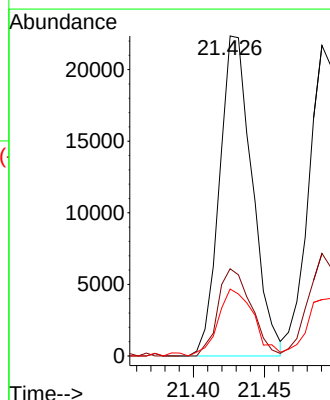
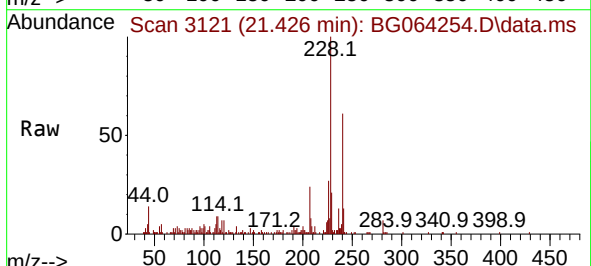
Tgt Ion:228 Resp: 35799

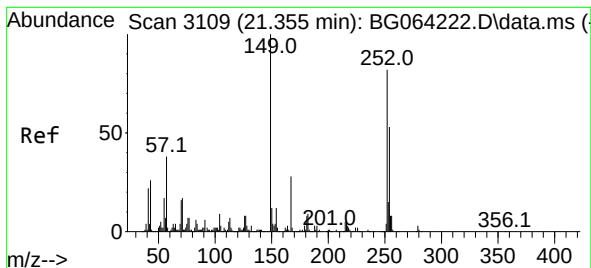
Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.9 15.9 23.9





#82

3,3'-Dichlorobenzidine

Concen: 2.539 ng

RT: 21.355 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

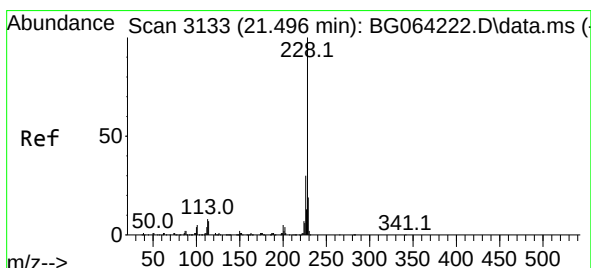
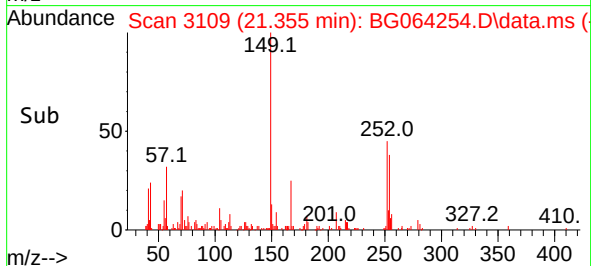
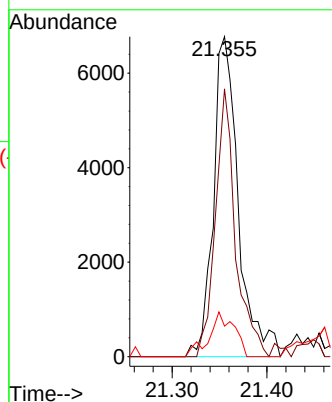
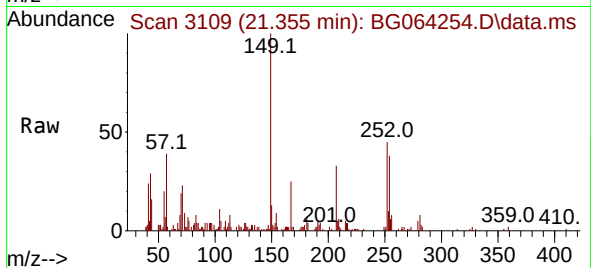
Tgt Ion:252 Resp: 12369

Ion Ratio Lower Upper

252 100

254 83.7 51.9 77.9#

126 9.5 7.6 11.4



#83

Chrysene

Concen: 2.426 ng

RT: 21.490 min Scan# 3132

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

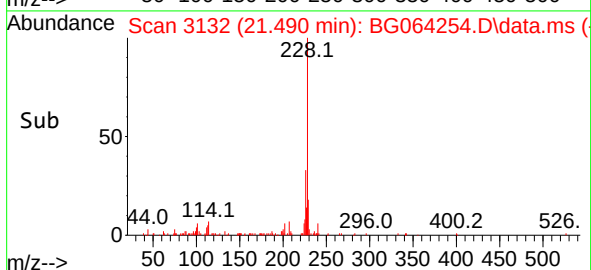
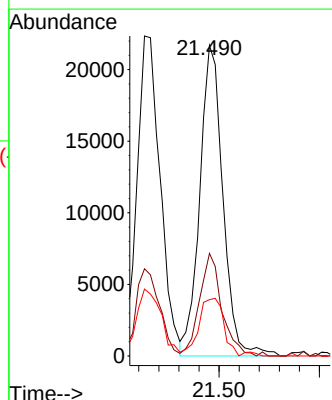
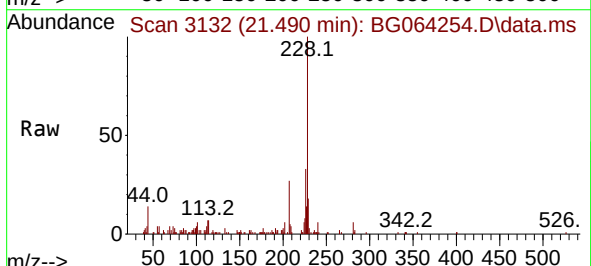
Tgt Ion:228 Resp: 34835

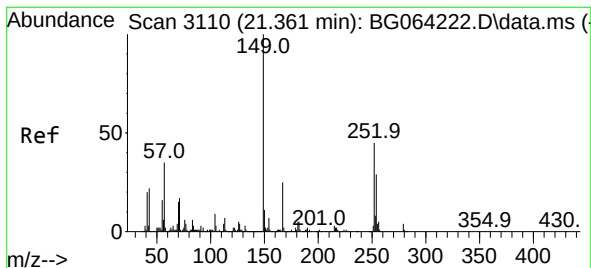
Ion Ratio Lower Upper

228 100

226 33.0 24.2 36.2

229 18.1 15.4 23.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.659 ng

RT: 21.361 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

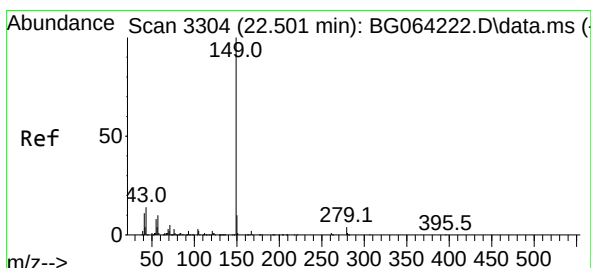
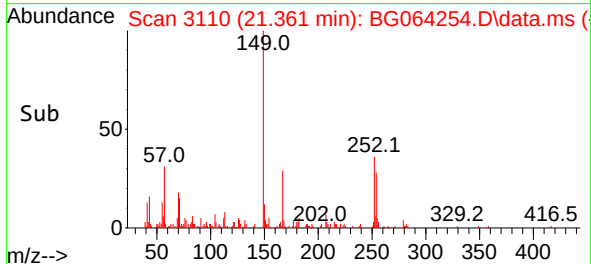
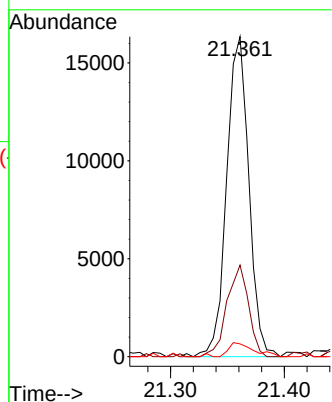
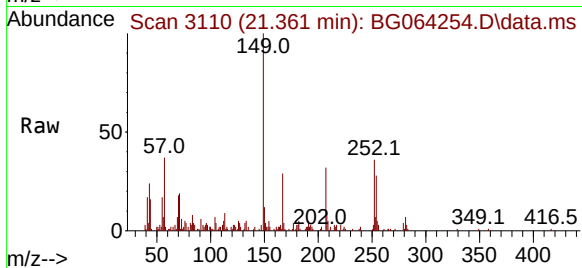
Tgt Ion:149 Resp: 22181

Ion Ratio Lower Upper

149 100

167 28.6 20.0 30.0

279 4.0 3.0 4.4



#85

Di-n-octyl phthalate

Concen: 2.546 ng

RT: 22.495 min Scan# 3303

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

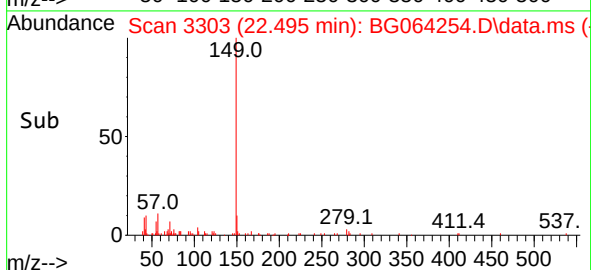
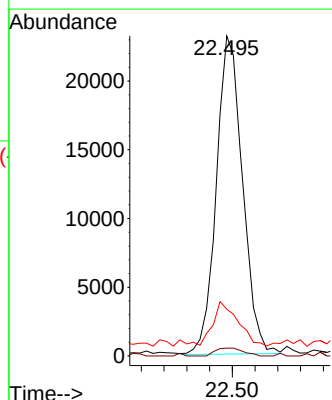
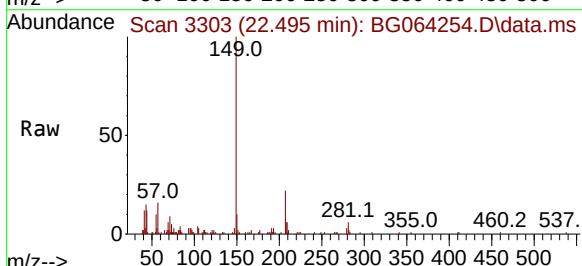
Tgt Ion:149 Resp: 36998

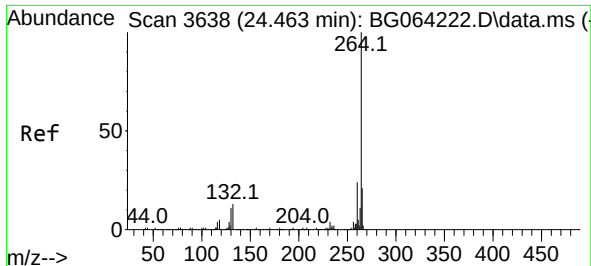
Ion Ratio Lower Upper

149 100

167 2.6 1.3 1.9#

43 13.1 10.8 16.2



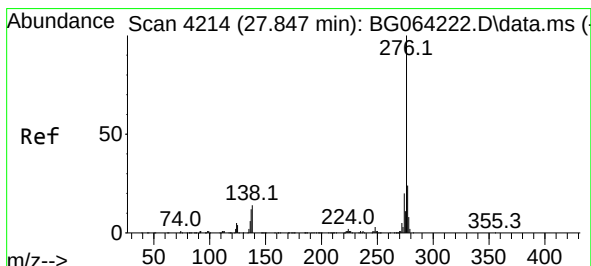
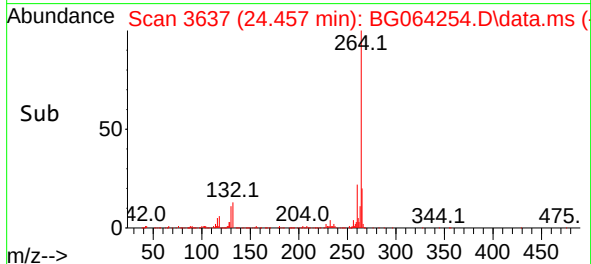
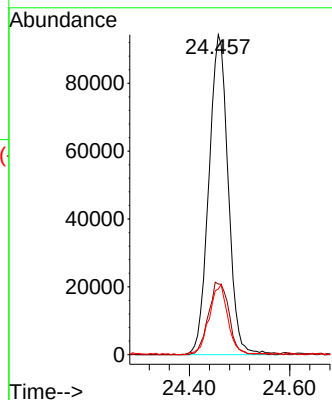
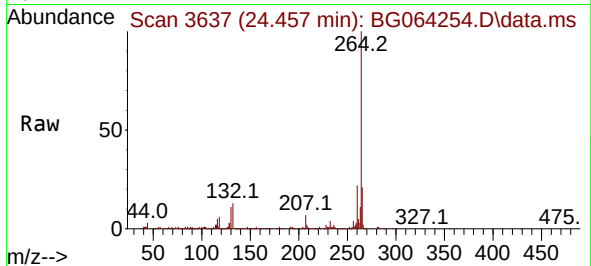


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

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

Tgt Ion:264 Resp: 252122

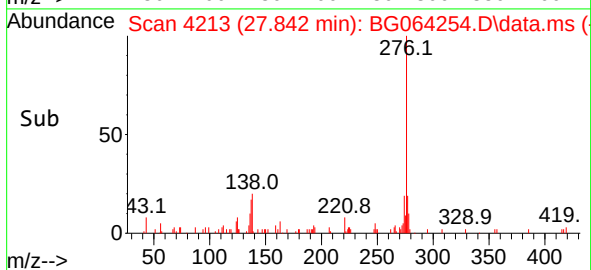
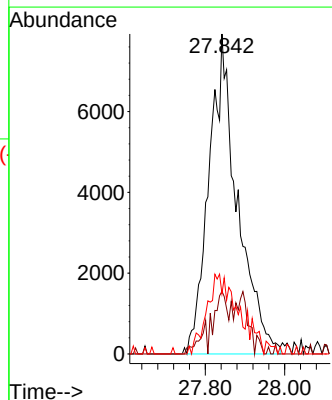
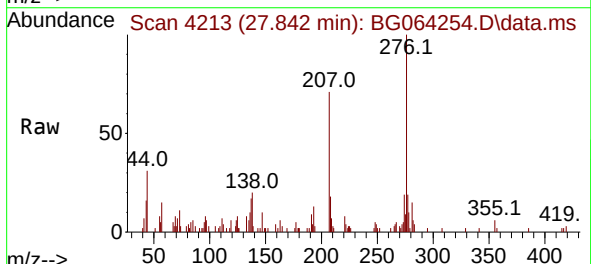
Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.9	28.3
265	20.5	16.7	25.1

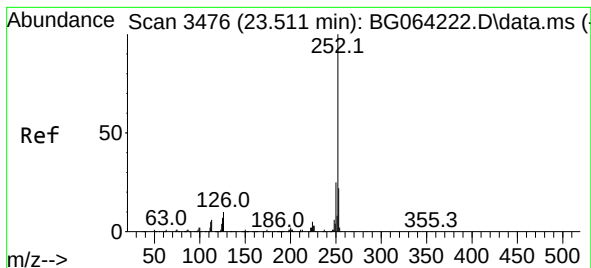


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.295 ng
RT: 27.842 min Scan# 4213
Delta R.T. -0.029 min
Lab File: BG064254.D
Acq: 3 Sep 2025 15:04

Tgt Ion:276 Resp: 39513

Ion	Ratio	Lower	Upper
276	100		
138	8.9	7.4	11.0
277	24.0	20.5	30.7





#88

Benzo(b)fluoranthene

Concen: 2.375 ng

RT: 23.506 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

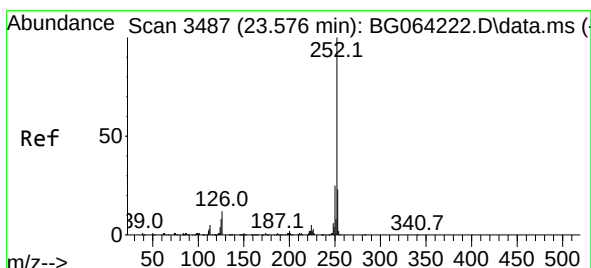
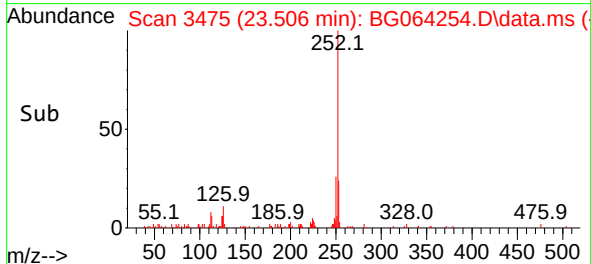
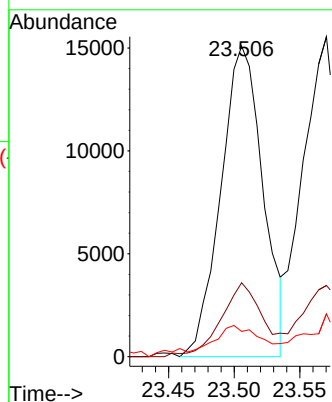
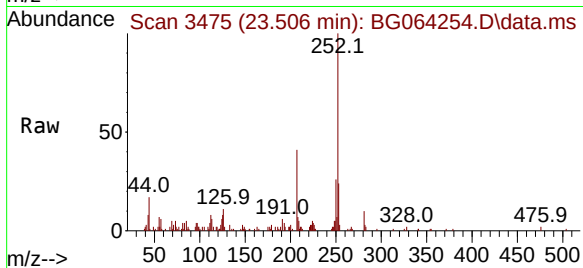
Tgt Ion:252 Resp: 33802

Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 8.1 5.9 8.9



#89

Benzo(k)fluoranthene

Concen: 2.332 ng

RT: 23.506 min Scan# 3475

Delta R.T. -0.082 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

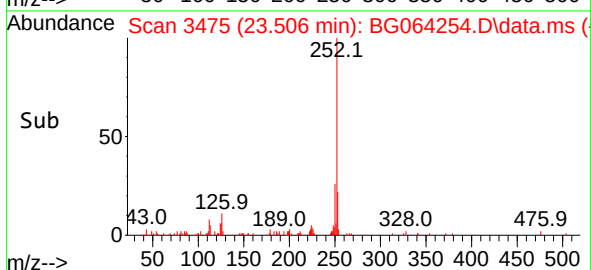
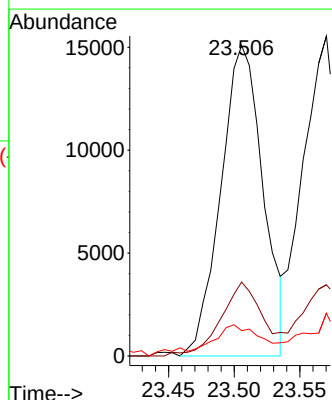
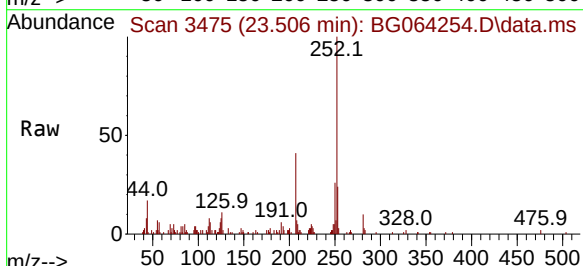
Tgt Ion:252 Resp: 33802

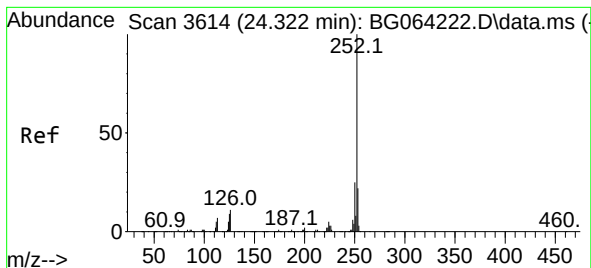
Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

125 8.1 7.0 10.4





#90

Benzo(a)pyrene

Concen: 2.409 ng

RT: 24.311 min Scan# 3

Delta R.T. -0.018 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT3-2025

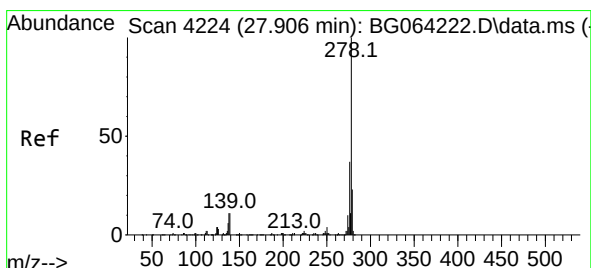
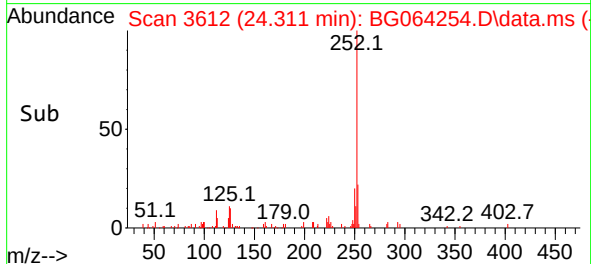
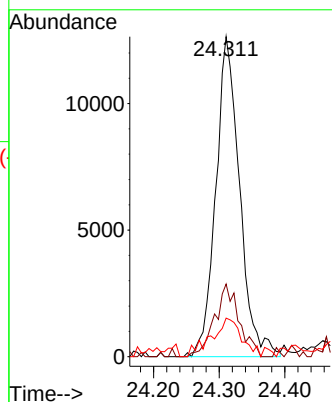
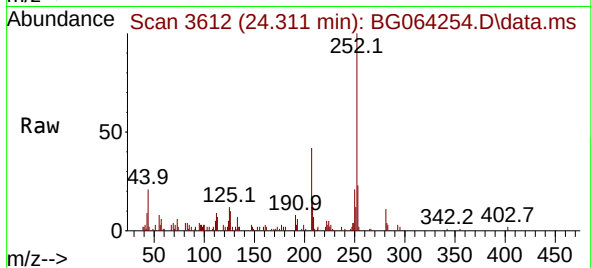
Tgt Ion:252 Resp: 31889

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 12.1 7.0 10.6#



#91

Dibenzo(a,h)anthracene

Concen: 2.379 ng

RT: 27.900 min Scan# 4223

Delta R.T. -0.023 min

Lab File: BG064254.D

Acq: 3 Sep 2025 15:04

Tgt Ion:278 Resp: 32890

Ion Ratio Lower Upper

278 100

139 12.7 9.0 13.4

279 25.2 18.8 28.2

