

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064252.D
 Acq On : 3 Sep 2025 13:42
 Operator : RC/JU
 Sample : Q2126-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Quant Time: Sep 03 14:19:11 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	7.858	152	37507	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	165433	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	114866	20.000	ng	0.00
64) Phenanthrene-d10	17.224	188	235550	20.000	ng	0.00
76) Chrysene-d12	21.448	240	222539	20.000	ng	0.00
86) Perylene-d12	24.462	264	237940	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.443	112	288113	137.815	ng	0.00
7) Phenol-d6	7.030	99	416117	144.882	ng	0.00
23) Nitrobenzene-d5	9.010	82	307048	103.511	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	200587	131.839	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	763901	101.508	ng	0.00
79) Terphenyl-d14	19.844	244	1091458	102.326	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.369	88	4317	4.954	ng	84
3) Pyridine	3.757	79	10625	4.142	ng	# 50
4) n-Nitrosodimethylamine	3.669	42	6538	3.854	ng	# 89
6) Aniline	7.183	93	17824	4.488	ng	95
8) 2-Chlorophenol	7.423	128	11488	4.497	ng	90
9) Benzaldehyde	6.995	77	11287	4.775	ng	90
10) Phenol	7.053	94	14666	4.632	ng	83
11) bis(2-Chloroethyl)ether	7.277	93	11118	4.672	ng	89
12) 1,3-Dichlorobenzene	7.894	146	12744	4.689	ng	98
13) 1,4-Dichlorobenzene	7.741	146	12680	4.623	ng	95
14) 1,2-Dichlorobenzene	8.205	146	12879	4.865	ng	94
15) Benzyl Alcohol	8.093	79	10646	4.017	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.375	45	22591	4.158	ng	97
17) 2-Methylphenol	8.293	107	9895	4.193	ng	90
18) Hexachloroethane	8.939	117	4155	3.881	ng	86
19) n-Nitroso-di-n-propyla...	8.657	70	9870	4.490	ng	# 98
20) 3+4-Methylphenols	8.622	107	13393	4.084	ng	# 87
22) Acetophenone	8.669	105	18594	4.443	ng	# 95
24) Nitrobenzene	9.045	77	15250	4.921	ng	# 93
25) Isophorone	9.568	82	27091	4.394	ng	97
26) 2-Nitrophenol	9.762	139	5748	4.292	ng	94
27) 2,4-Dimethylphenol	9.821	122	11939	5.078	ng	88
28) bis(2-Chloroethoxy)met...	10.056	93	14963	4.501	ng	# 93
29) 2,4-Dichlorophenol	10.291	162	10949	4.414	ng	84
30) 1,2,4-Trichlorobenzene	10.514	180	11948	4.568	ng	85
31) Naphthalene	10.696	128	37605	4.384	ng	98
33) 4-Chloroaniline	10.802	127	14798	4.451	ng	96
34) Hexachlorobutadiene	10.984	225	8743	4.522	ng	# 88
35) Caprolactam	11.542	113	3477	3.620	ng	# 79
36) 4-Chloro-3-methylphenol	11.924	107	13496	4.193	ng	92
37) 2-Methylnaphthalene	12.306	142	24921	3.908	ng	94
38) 1-Methylnaphthalene	12.306	142	24921	3.957	ng	94
40) 1,2,4,5-Tetrachloroben...	12.670	216	15314	4.621	ng	97
41) Hexachlorocyclopentadiene	12.653	237	6240	3.962	ng	95
43) 2,4,6-Trichlorophenol	12.911	196	9909	4.473	ng	97
44) 2,4,5-Trichlorophenol	12.988	196	10722	4.462	ng	# 82

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
 Data File : BG064252.D
 Acq On : 3 Sep 2025 13:42
 Operator : RC/JU
 Sample : Q2126-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

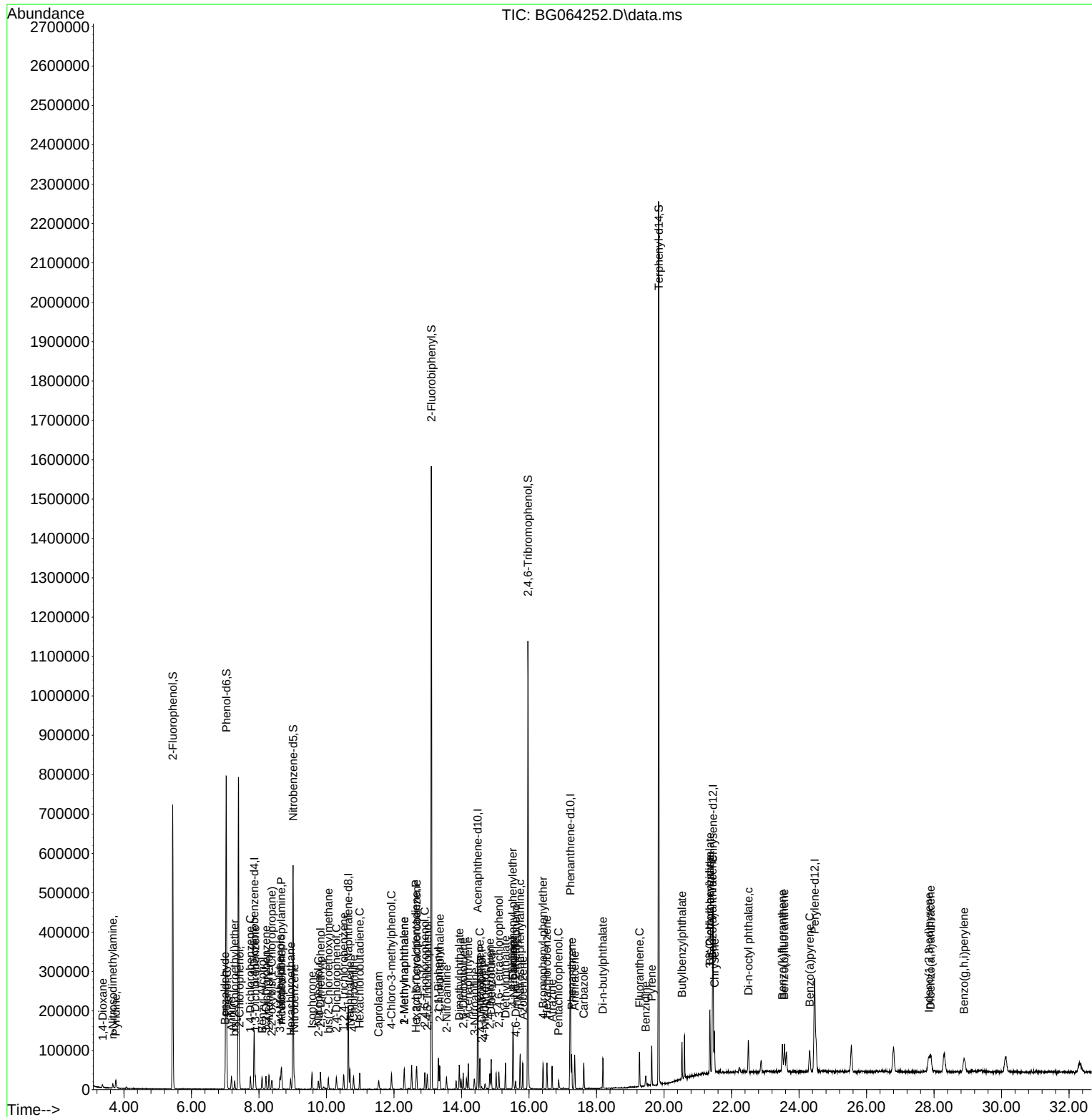
Quant Time: Sep 03 14:19:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

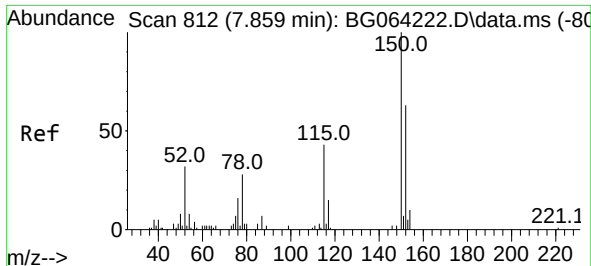
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.317	154	39266	4.693	ng	95
47) 2-Chloronaphthalene	13.358	162	28776	4.575	ng	94
48) 2-Nitroaniline	13.557	65	9091	4.241	ng #	80
49) Acenaphthylene	14.198	152	46042	4.952	ng	96
50) Dimethylphthalate	13.934	163	37659	4.331	ng #	98
51) 2,6-Dinitrotoluene	14.051	165	7093	4.214	ng #	89
52) Acenaphthene	14.545	154	28622	4.362	ng	90
53) 3-Nitroaniline	14.386	138	6128	3.476	ng	91
54) 2,4-Dinitrophenol	14.597	184	1460	6.885	ng	95
55) Dibenzofuran	14.879	168	46059	4.463	ng	97
56) 4-Nitrophenol	14.691	139	3352	2.318	ng	98
57) 2,4-Dinitrotoluene	14.838	165	10051	3.949	ng #	97
58) Fluorene	15.526	166	37846	4.474	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	9591	4.150	ng #	97
60) Diethylphthalate	15.303	149	35105	3.773	ng	96
61) 4-Chlorophenyl-phenyle...	15.520	204	17913	4.247	ng	92
62) 4-Nitroaniline	15.538	138	5641	3.135	ng	92
63) Azobenzene	15.820	77	36554	4.408	ng	95
65) 4,6-Dinitro-2-methylph...	15.608	198	4171	3.084	ng	89
66) n-Nitrosodiphenylamine	15.737	169	30821	4.757	ng	93
67) 4-Bromophenyl-phenylether	16.413	248	11761	4.701	ng	98
68) Hexachlorobenzene	16.530	284	13933	5.015	ng #	91
69) Atrazine	16.683	200	10593	3.915	ng	91
70) Pentachlorophenol	16.877	266	5292	3.141	ng #	74
71) Phenanthrene	17.265	178	53637	4.317	ng	95
72) Anthracene	17.353	178	56140	4.442	ng	95
73) Carbazole	17.623	167	43820	3.936	ng	99
74) Di-n-butylphthalate	18.187	149	54030	4.040	ng	98
75) Fluoranthene	19.274	202	57955	3.967	ng	99
77) Benzidine	19.456	184	19875	4.245	ng #	91
78) Pyrene	19.633	202	60915	4.345	ng	98
80) Butylbenzylphthalate	20.532	149	25832	4.885	ng	96
81) Benzo(a)anthracene	21.431	228	63161	4.436	ng	99
82) 3,3'-Dichlorobenzidine	21.354	252	22722	4.900	ng #	92
83) Chrysene	21.495	228	61194	4.477	ng	99
84) Bis(2-ethylhexyl)phtha...	21.360	149	39781	5.011	ng	94
85) Di-n-octyl phthalate	22.500	149	64788	4.683	ng #	98
87) Indeno(1,2,3-cd)pyrene	27.847	276	72676	4.473	ng #	90
88) Benzo(b)fluoranthene	23.563	252	59439	4.426	ng	99
89) Benzo(k)fluoranthene	23.505	252	62673	4.581	ng	99
90) Benzo(a)pyrene	24.315	252	58197	4.659	ng #	97
91) Dibenzo(a,h)anthracene	27.900	278	57819	4.432	ng	98
92) Benzo(g,h,i)perylene	28.887	276	58802	4.632	ng	99

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

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

Quant Time: Sep 03 14:19:11 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

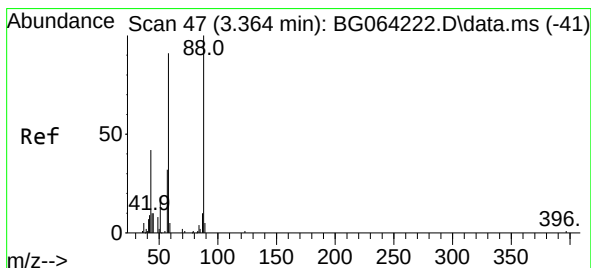
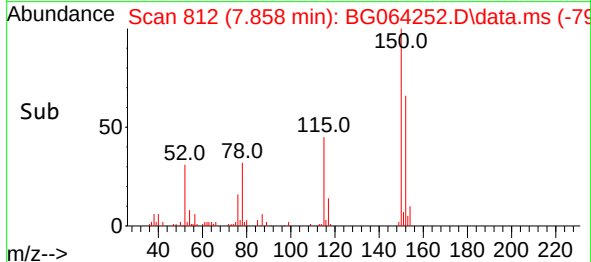
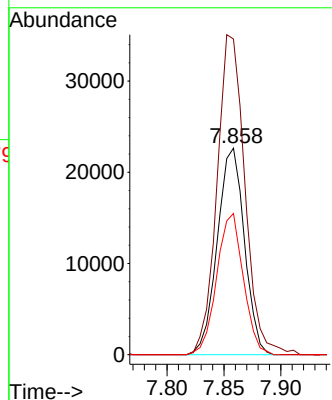
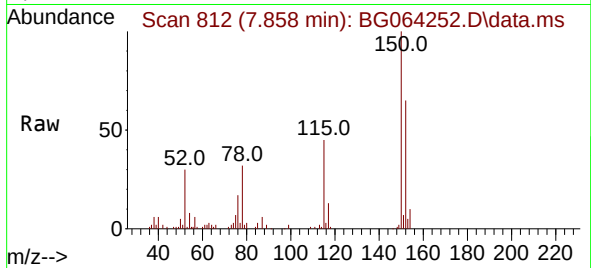




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

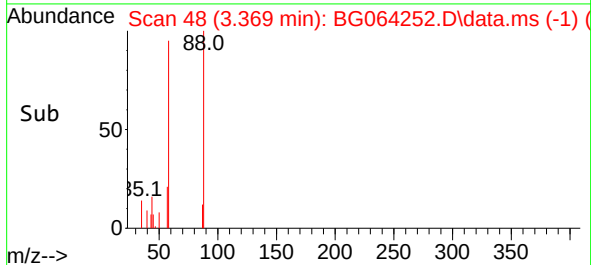
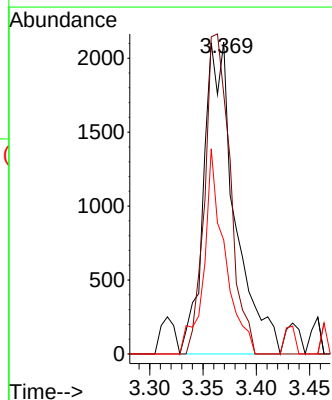
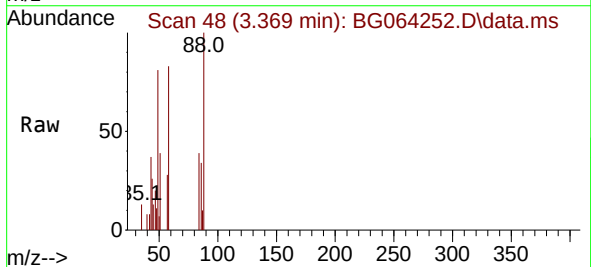
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

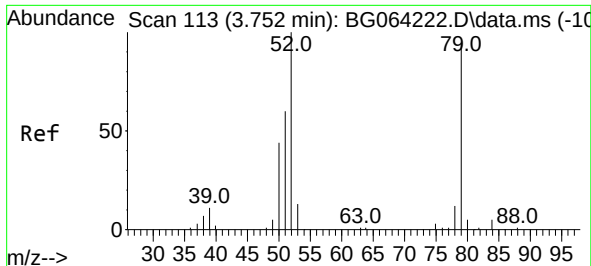
Tgt Ion:152 Resp: 37507
Ion Ratio Lower Upper
152 100
150 152.9 128.0 192.0
115 68.4 55.7 83.5



#2
1,4-Dioxane
Concen: 4.954 ng
RT: 3.369 min Scan# 48
Delta R.T. 0.011 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 88 Resp: 4317
Ion Ratio Lower Upper
88 100
58 82.6 80.8 121.2
43 43.5 40.3 60.5

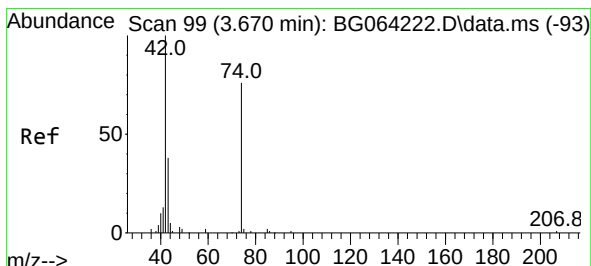
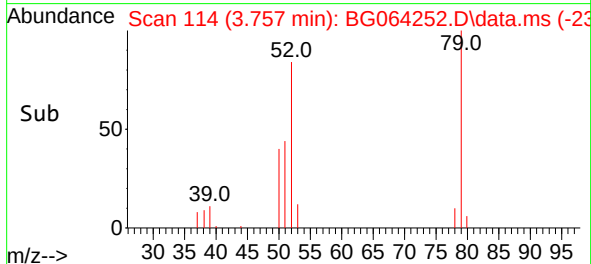
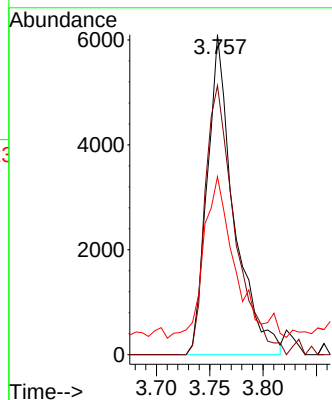
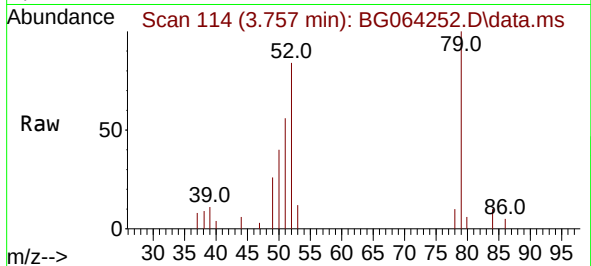




#3
Pyridine
Concen: 4.142 ng
RT: 3.757 min Scan# 113
Delta R.T. 0.005 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

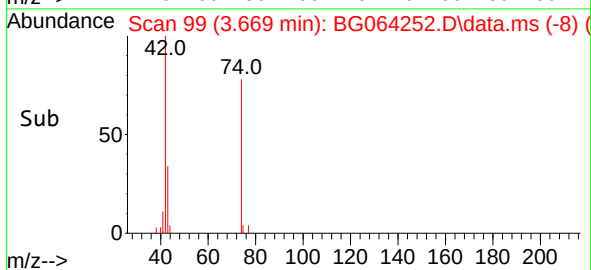
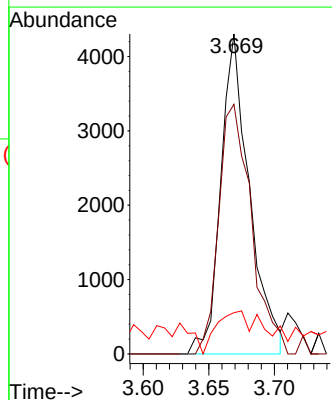
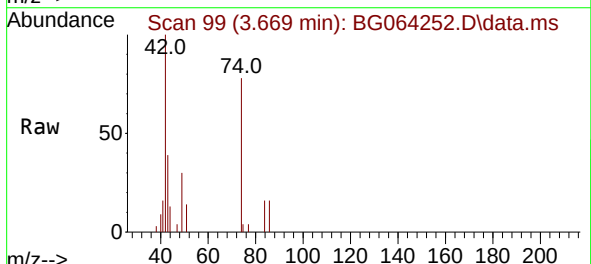
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

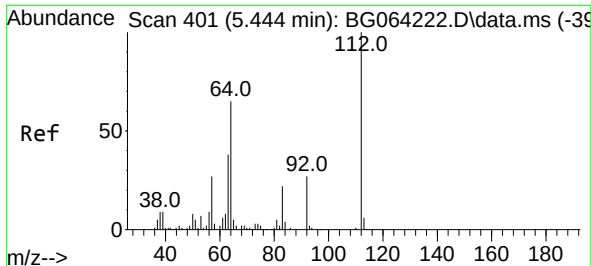
Tgt Ion: 79 Resp: 10625
Ion Ratio Lower Upper
79 100
52 84.1 86.6 129.8#
51 55.6 114.1 171.1#



#4
n-Nitrosodimethylamine
Concen: 3.854 ng
RT: 3.669 min Scan# 99
Delta R.T. 0.005 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 42 Resp: 6538
Ion Ratio Lower Upper
42 100
74 81.5 58.0 87.0
44 12.9 5.5 8.3#

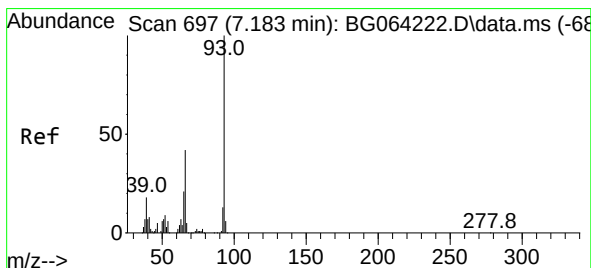
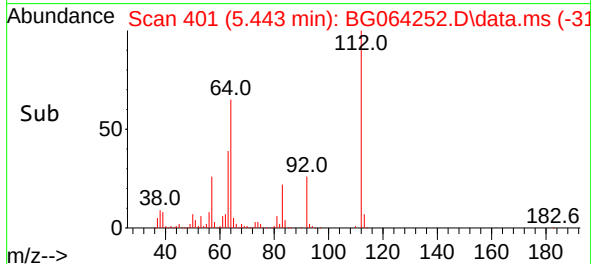
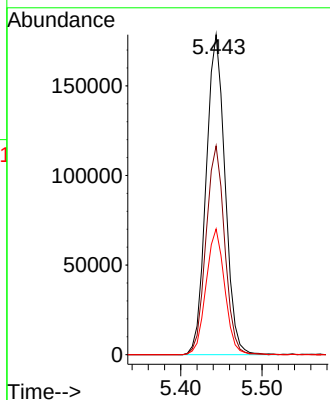
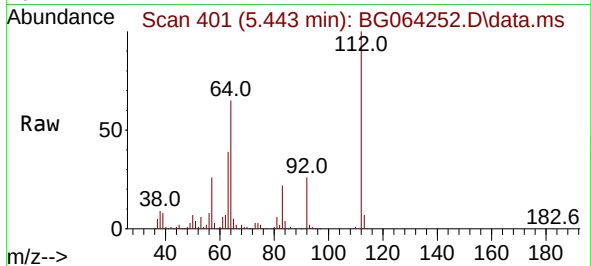




#5
2-Fluorophenol
Concen: 137.815 ng
RT: 5.443 min Scan# 401
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

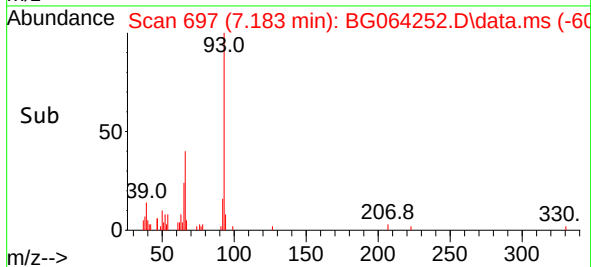
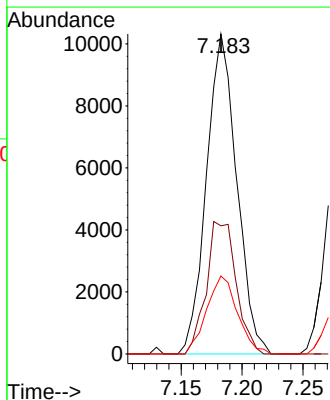
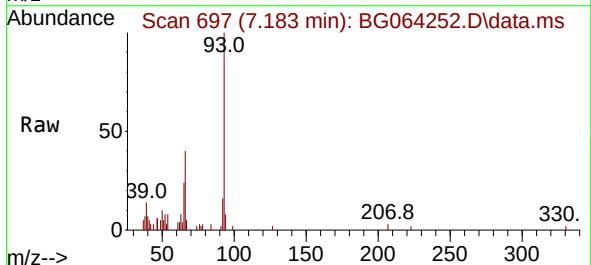
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

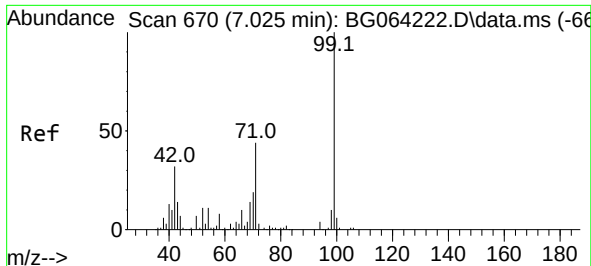
Tgt Ion:112 Resp: 288113
Ion Ratio Lower Upper
112 100
64 65.3 51.8 77.6
63 39.3 30.6 45.8



#6
Aniline
Concen: 4.488 ng
RT: 7.183 min Scan# 697
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 93 Resp: 17824
Ion Ratio Lower Upper
93 100
66 40.1 33.8 50.8
65 24.3 16.9 25.3

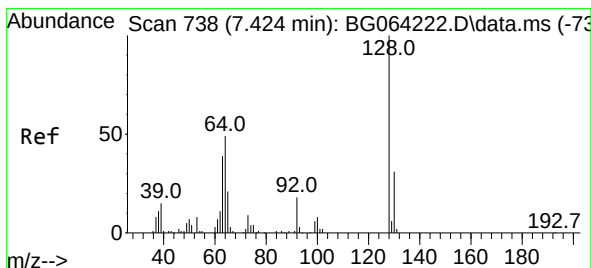
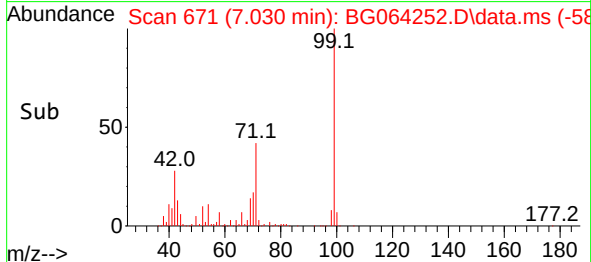
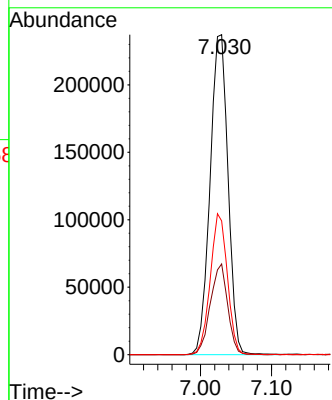
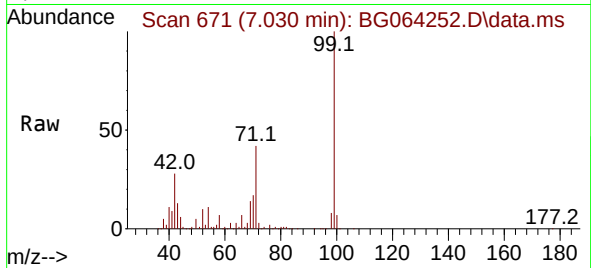




#7
Phenol-d6
Concen: 144.882 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

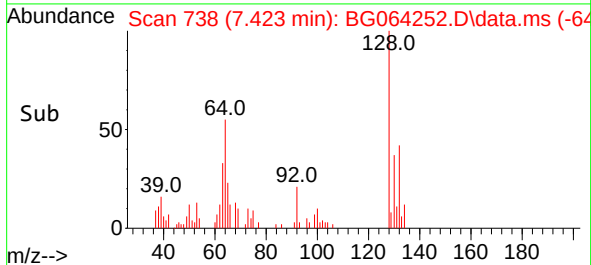
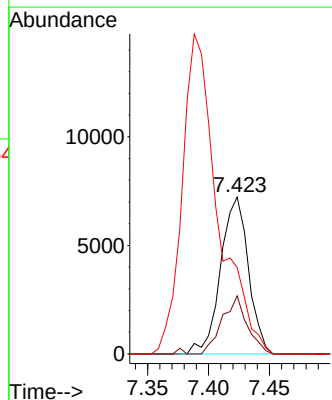
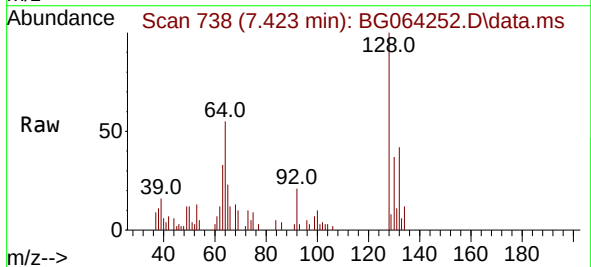
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

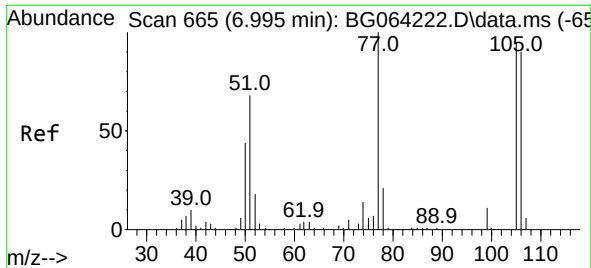
Tgt Ion: 99 Resp: 416117
Ion Ratio Lower Upper
99 100
42 28.4 25.8 38.8
71 41.8 35.2 52.8



#8
2-Chlorophenol
Concen: 4.497 ng
RT: 7.423 min Scan# 738
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:128 Resp: 11488
Ion Ratio Lower Upper
128 100
130 37.1 10.9 50.9
64 55.1 28.7 68.7





#9

Benzaldehyde

Concen: 4.775 ng

RT: 6.995 min Scan# 6

Delta R.T. -0.000 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

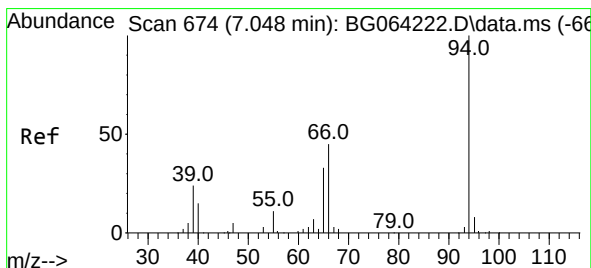
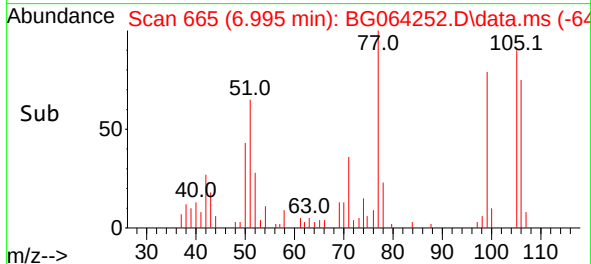
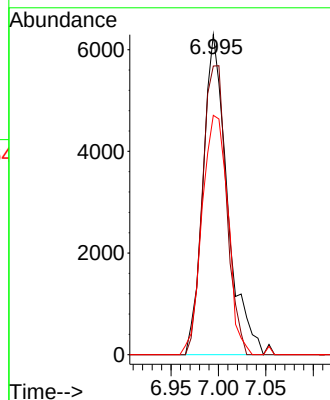
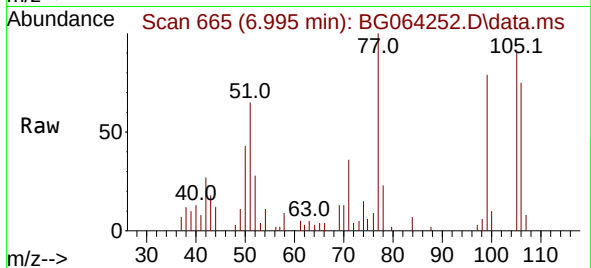
Tgt Ion: 77 Resp: 11287

Ion Ratio Lower Upper

77 100

105 90.2 75.2 115.2

106 74.8 69.6 109.6



#10

Phenol

Concen: 4.632 ng

RT: 7.053 min Scan# 675

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

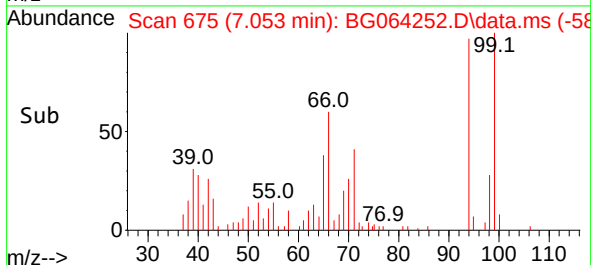
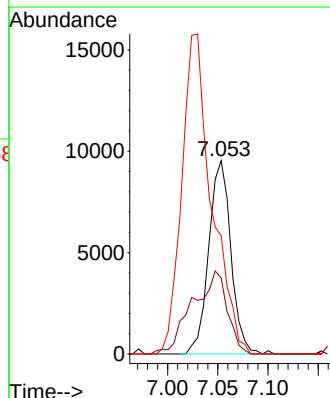
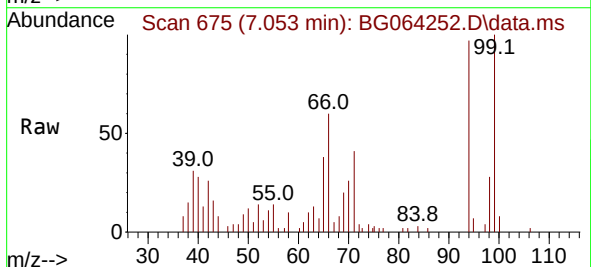
Tgt Ion: 94 Resp: 14666

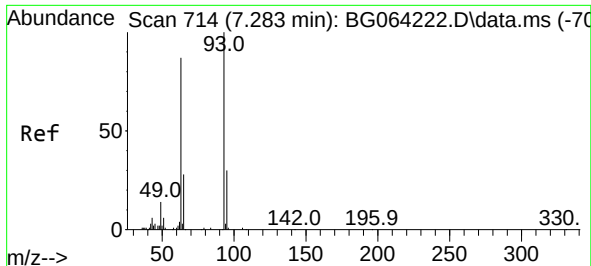
Ion Ratio Lower Upper

94 100

65 39.3 13.5 53.5

66 61.2 26.2 66.2

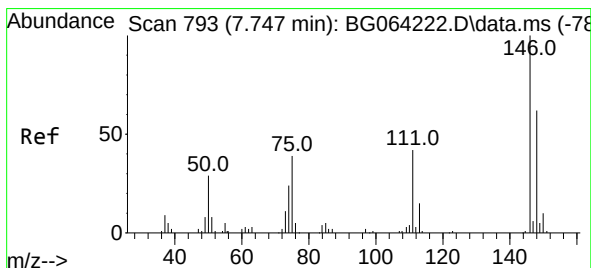
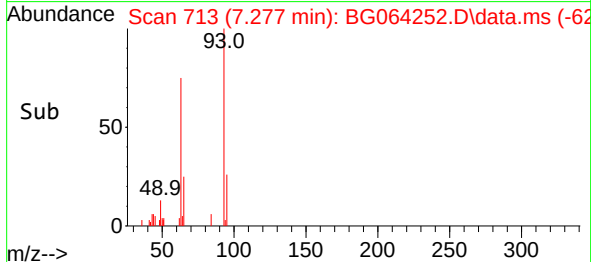
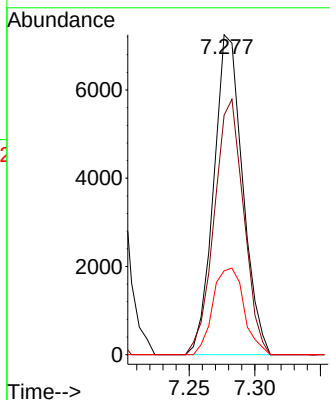
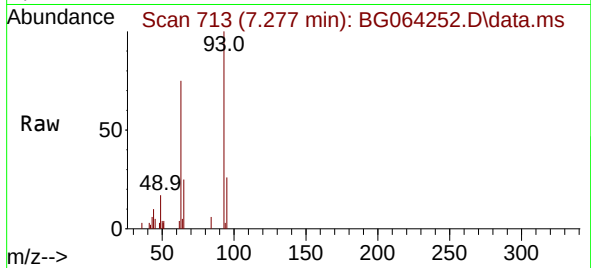




#11
bis(2-Chloroethyl)ether
Concen: 4.672 ng
RT: 7.277 min Scan# 714
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

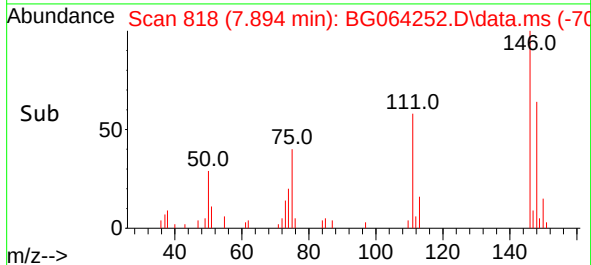
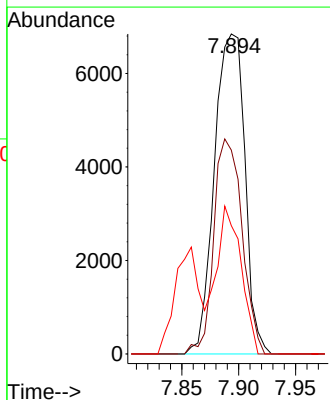
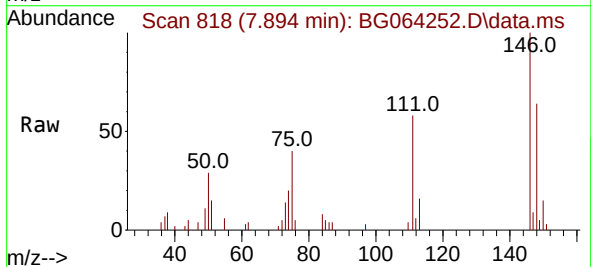
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

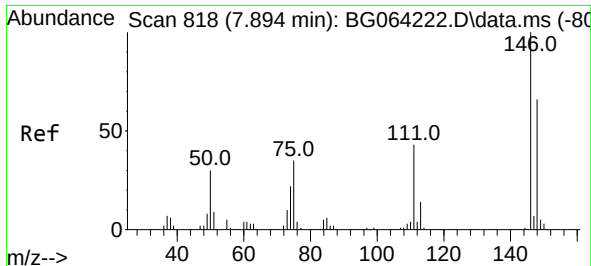
Tgt Ion: 93 Resp: 11118
Ion Ratio Lower Upper
93 100
63 74.9 66.2 106.2
95 26.2 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 4.689 ng
RT: 7.894 min Scan# 818
Delta R.T. 0.146 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:146 Resp: 12744
Ion Ratio Lower Upper
146 100
148 63.7 49.6 74.4
75 40.1 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 4.623 ng

RT: 7.741 min Scan# 792

Delta R.T. -0.154 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

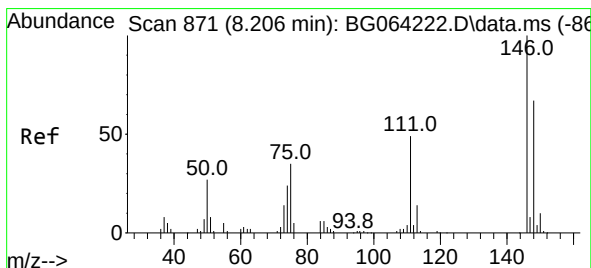
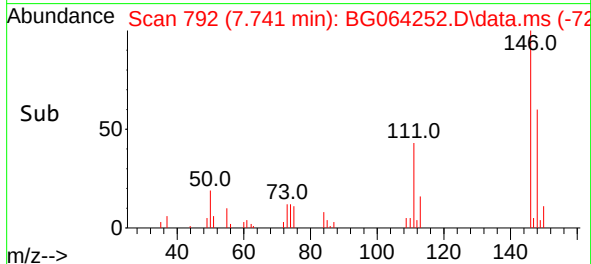
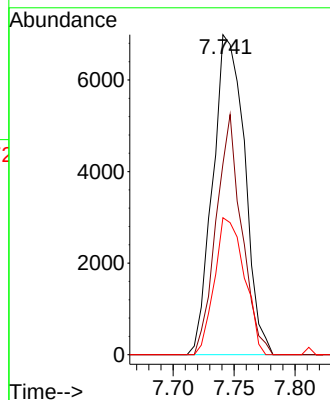
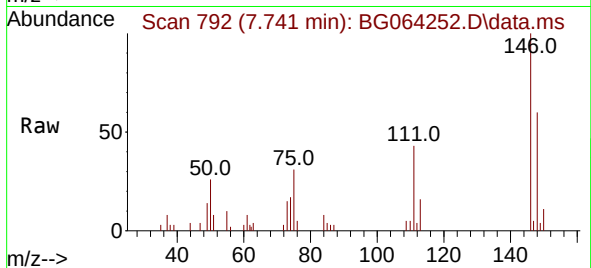
Tgt Ion:146 Resp: 12680

Ion Ratio Lower Upper

146 100

148 59.6 52.8 79.2

111 42.8 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 4.865 ng

RT: 8.205 min Scan# 871

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

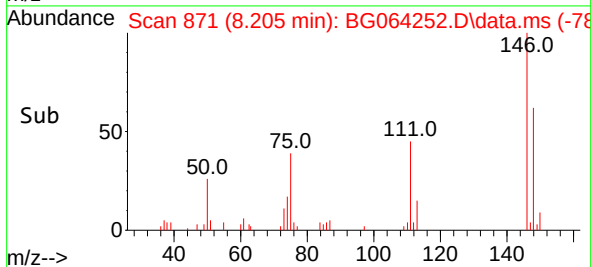
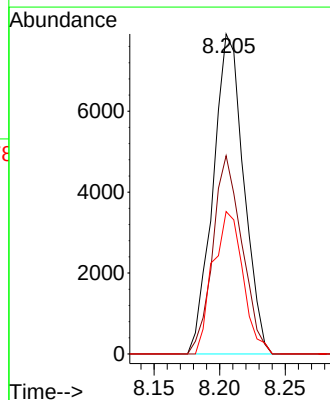
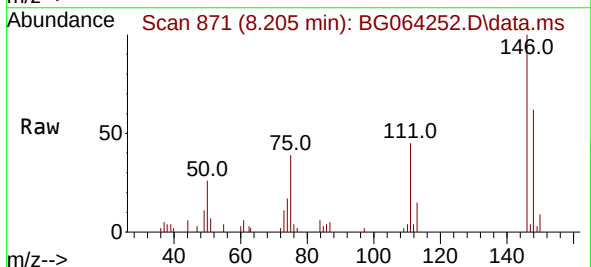
Tgt Ion:146 Resp: 12879

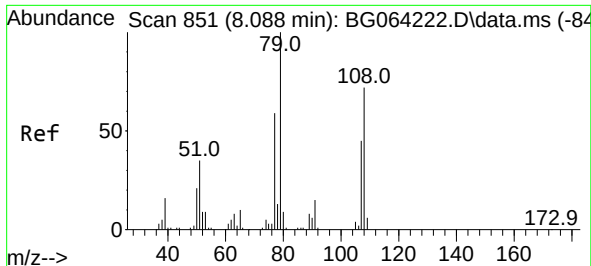
Ion Ratio Lower Upper

146 100

148 61.9 53.4 80.0

111 44.5 39.1 58.7

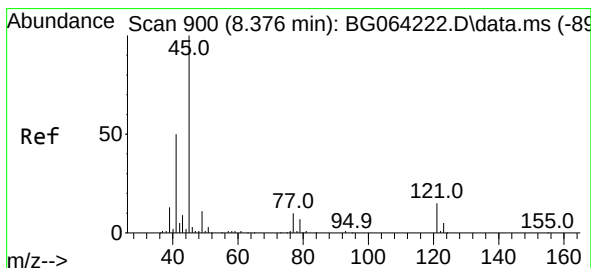
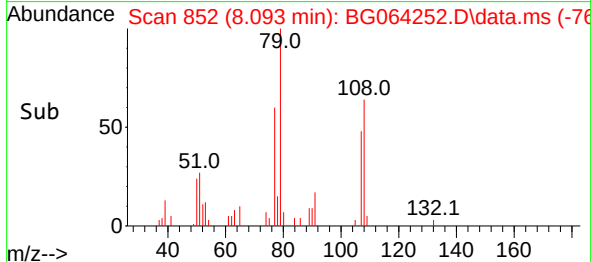
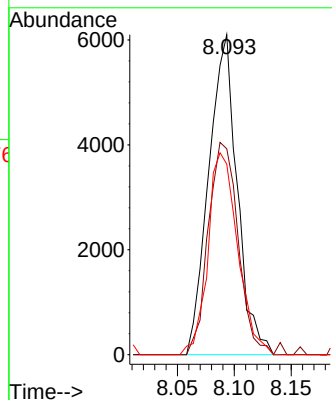
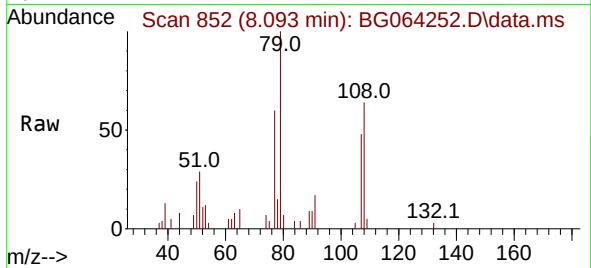




#15
Benzyl Alcohol
Concen: 4.017 ng
RT: 8.093 min Scan# 851
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

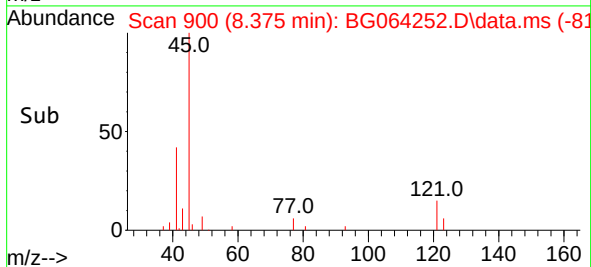
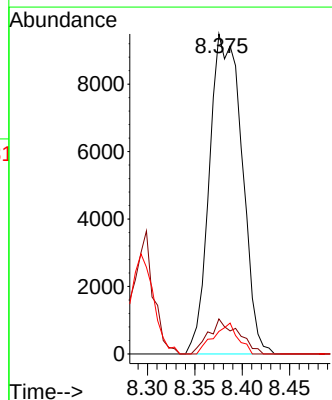
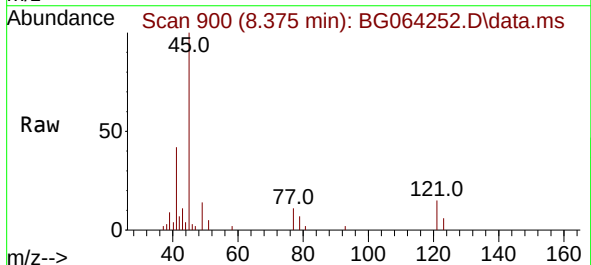
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

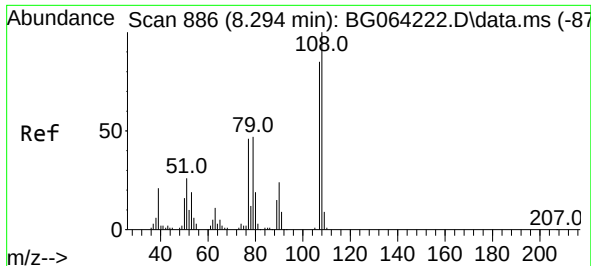
Tgt Ion: 79 Resp: 10646
Ion Ratio Lower Upper
79 100
108 64.3 57.4 86.0
77 59.5 47.2 70.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.158 ng
RT: 8.375 min Scan# 900
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 45 Resp: 22591
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.0
79 7.0 0.0 27.9

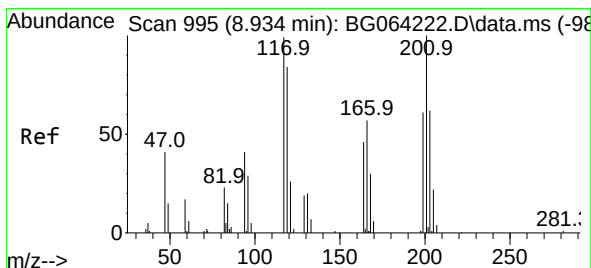
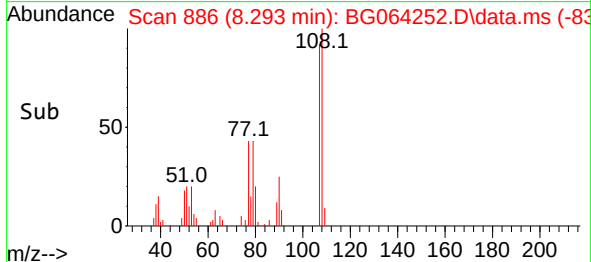
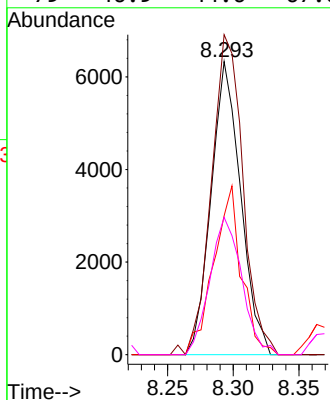
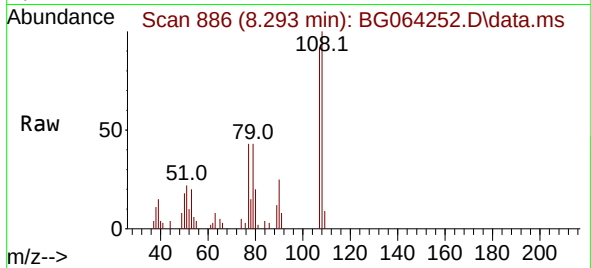




#17
2-Methylphenol
Concen: 4.193 ng
RT: 8.293 min Scan# 886
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

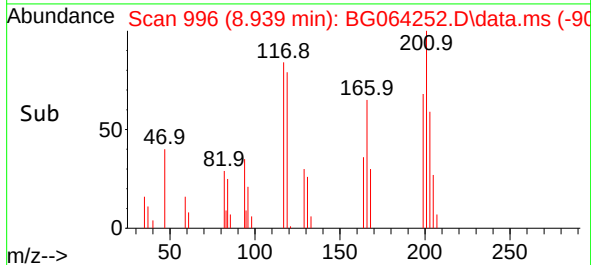
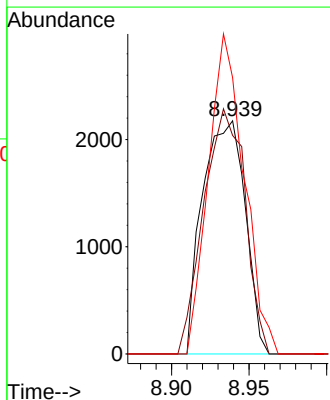
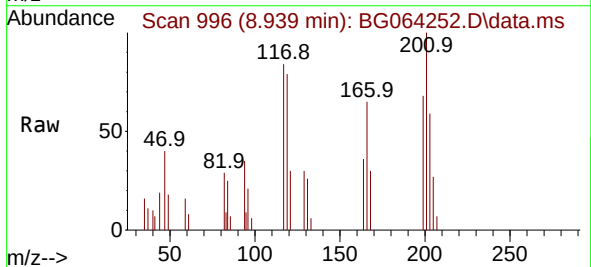
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

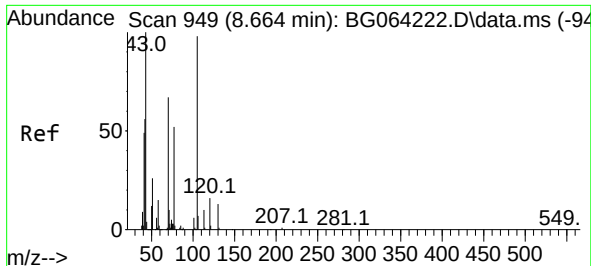
Tgt Ion:	107	Resp:	9895
Ion	Ratio	Lower	Upper
107	100		
108	109.2	94.6	141.8
77	47.4	43.7	65.5
79	46.9	44.6	67.0



#18
Hexachloroethane
Concen: 3.881 ng
RT: 8.939 min Scan# 996
Delta R.T. 0.005 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:	117	Resp:	4155
Ion	Ratio	Lower	Upper
117	100		
119	93.7	67.9	101.9
201	118.6	80.5	120.7

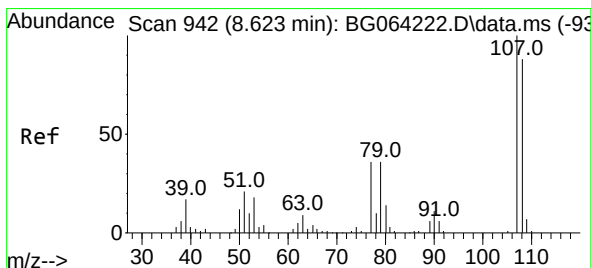
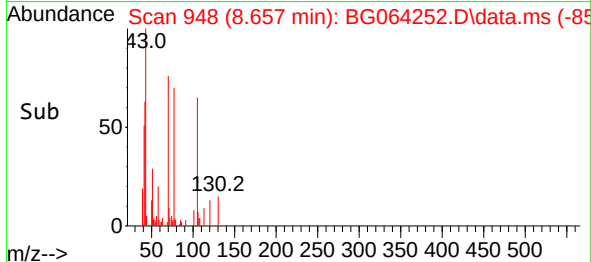
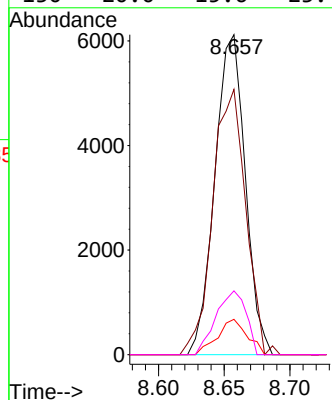
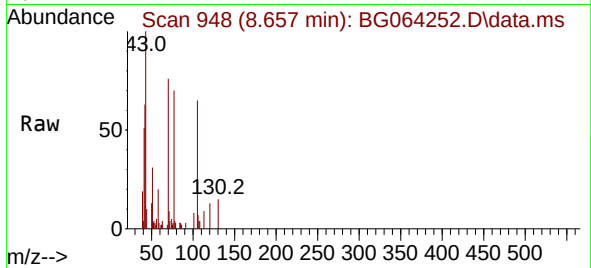




#19
n-Nitroso-di-n-propylamine
Concen: 4.490 ng
RT: 8.657 min Scan# 949
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

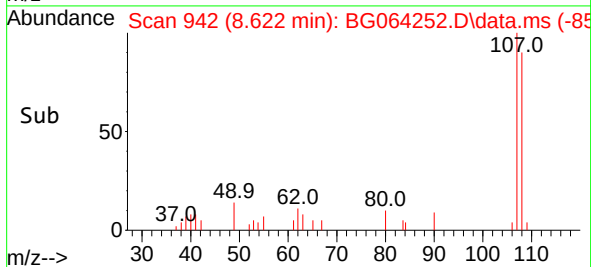
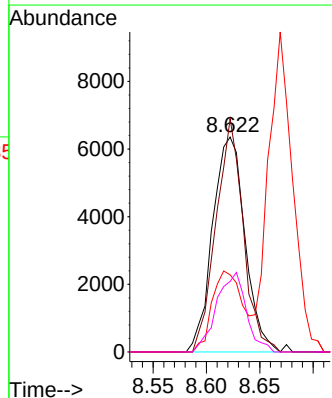
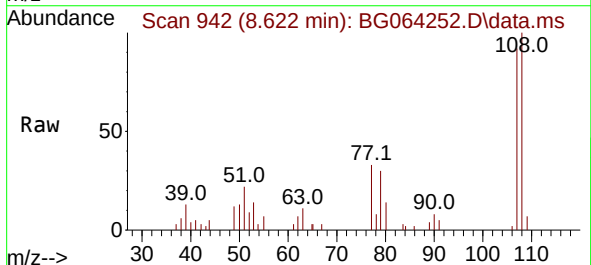
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

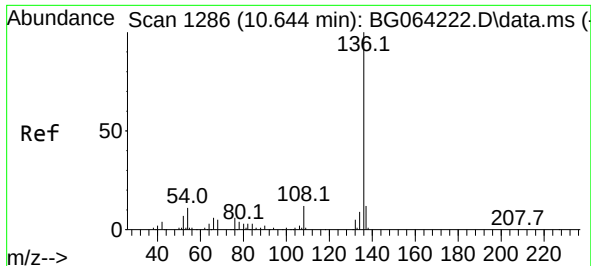
Tgt Ion: 70 Resp: 9870
Ion Ratio Lower Upper
70 100
42 82.9 67.9 101.9
101 11.0 7.3 10.9#
130 20.0 15.6 23.4



#20
3+4-Methylphenols
Concen: 4.084 ng
RT: 8.622 min Scan# 942
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 107 Resp: 13393
Ion Ratio Lower Upper
107 100
108 108.5 68.1 108.1#
77 35.9 15.9 55.9
79 32.8 16.0 56.0

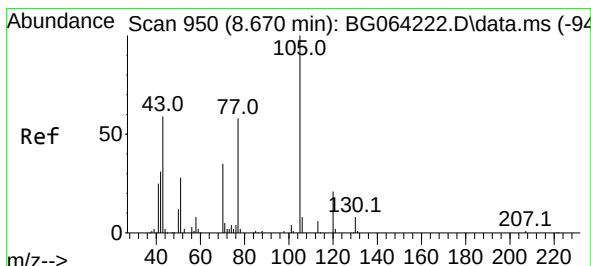
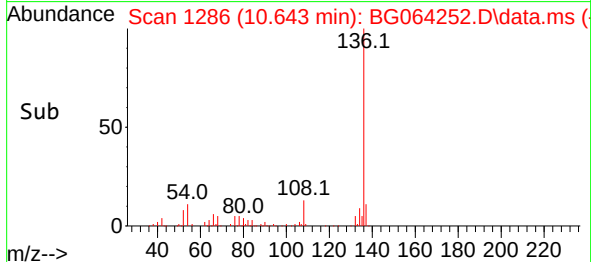
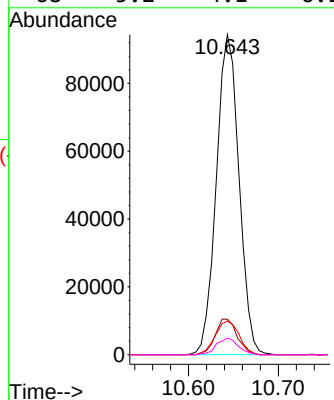
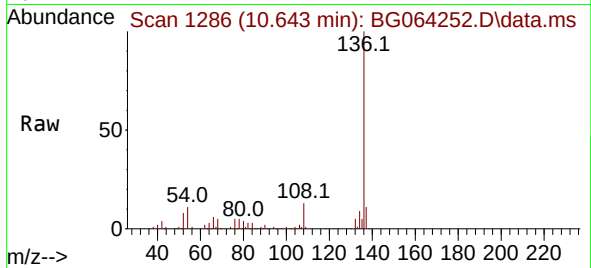




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

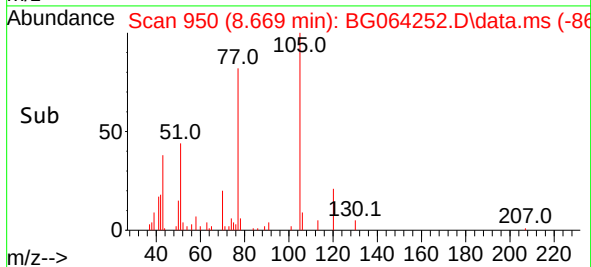
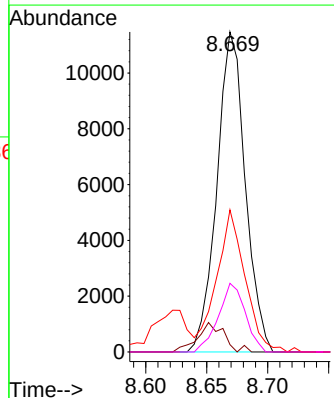
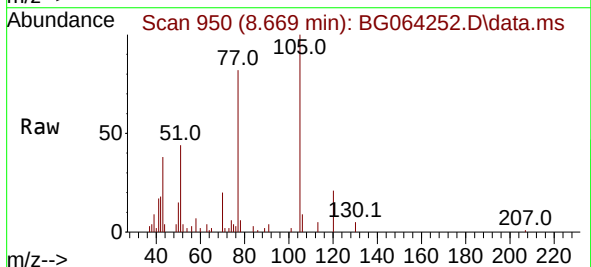
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

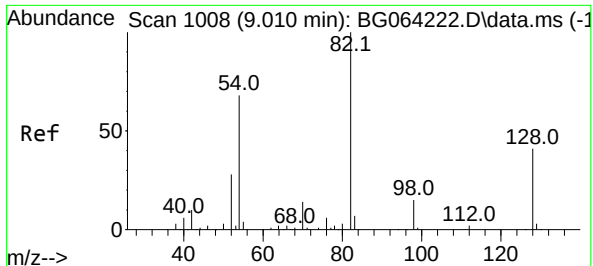
Tgt Ion:	136	Resp:	165433
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	10.6	8.8	13.2
68	5.2	4.1	6.1



#22
Acetophenone
Concen: 4.443 ng
RT: 8.669 min Scan# 950
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:	105	Resp:	18594
Ion	Ratio	Lower	Upper
105	100		
71	2.3	4.3	6.5#
51	44.4	32.4	48.6
120	21.5	16.8	25.2





#23

Nitrobenzene-d5

Concen: 103.511 ng

RT: 9.010 min Scan# 1008

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

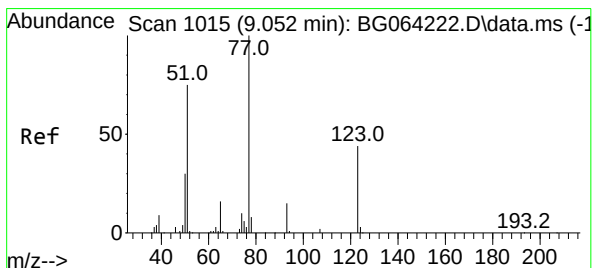
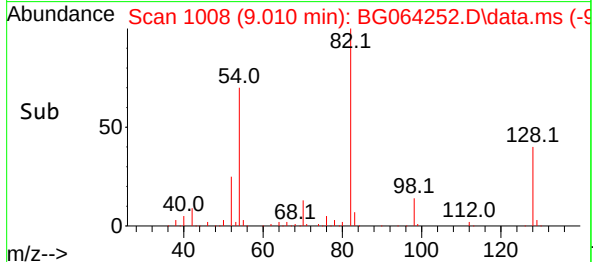
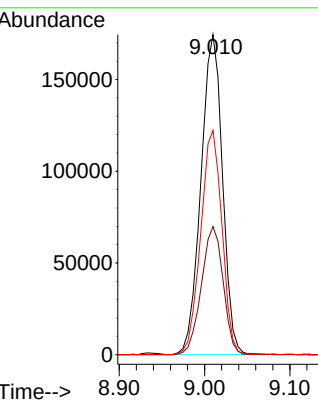
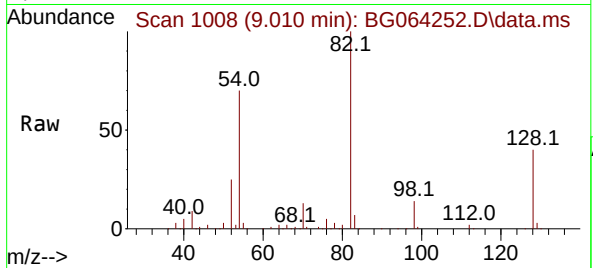
Tgt Ion: 82 Resp: 307048

Ion Ratio Lower Upper

82 100

128 40.0 32.6 48.8

54 70.1 54.7 82.1



#24

Nitrobenzene

Concen: 4.921 ng

RT: 9.045 min Scan# 1014

Delta R.T. -0.013 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

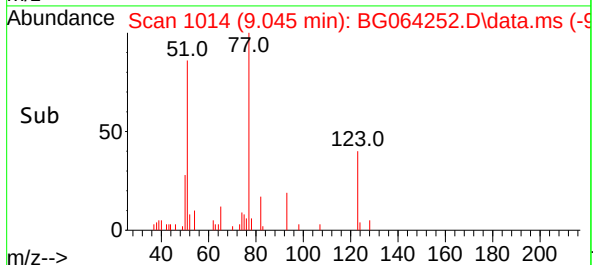
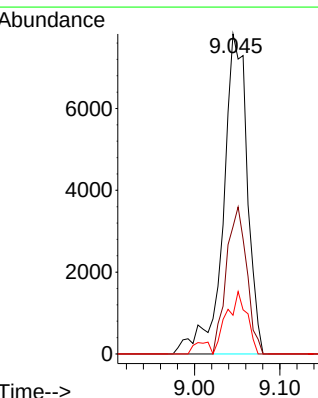
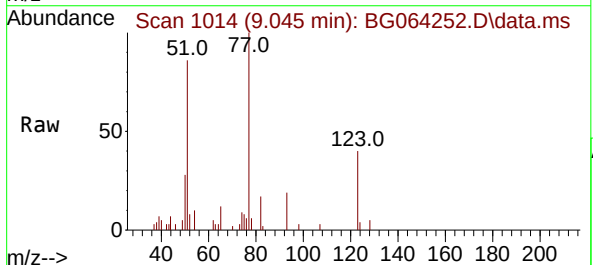
Tgt Ion: 77 Resp: 15250

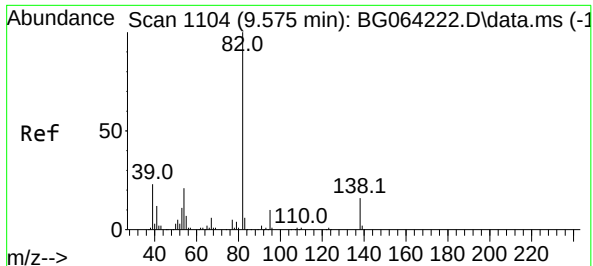
Ion Ratio Lower Upper

77 100

123 39.8 35.2 52.8

65 12.1 12.6 19.0#

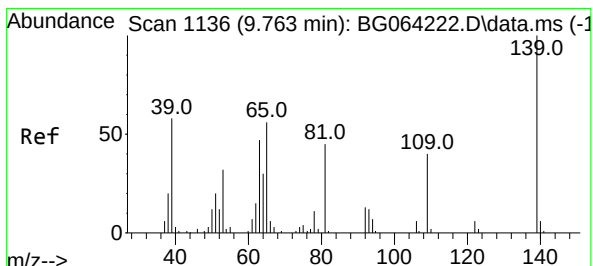
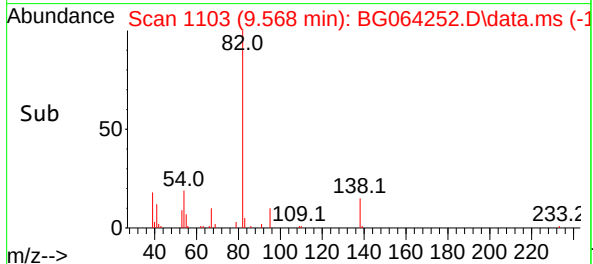
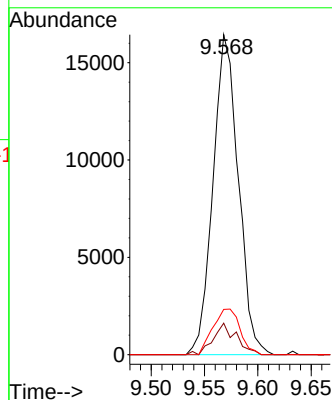
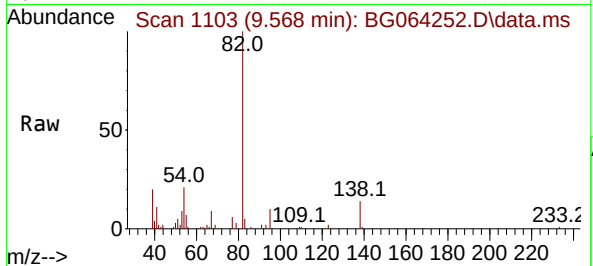




#25
Isophorone
Concen: 4.394 ng
RT: 9.568 min Scan# 1103
Delta R.T. -0.018 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

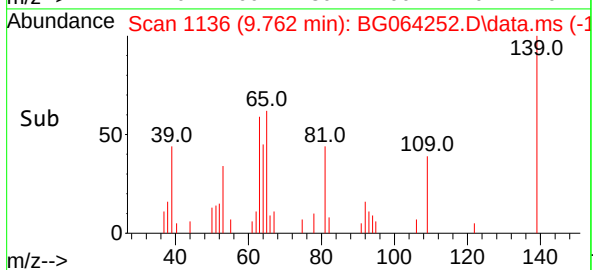
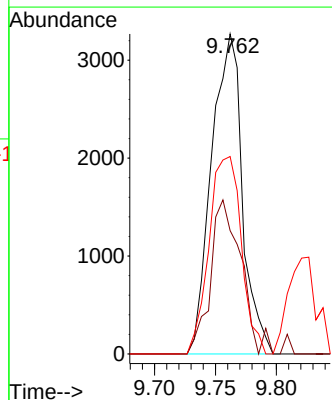
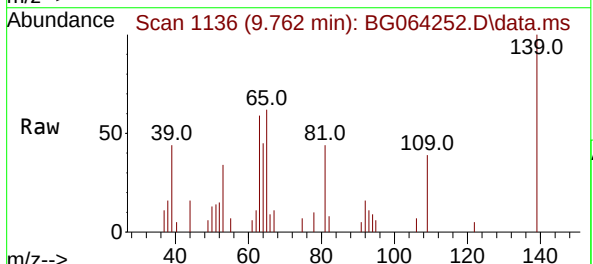
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

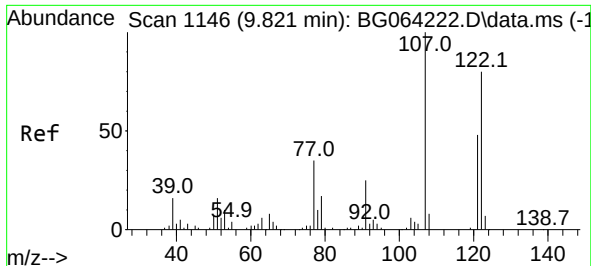
Tgt Ion: 82 Resp: 27091
Ion Ratio Lower Upper
82 100
95 9.9 7.9 11.9
138 14.2 13.0 19.4



#26
2-Nitrophenol
Concen: 4.292 ng
RT: 9.762 min Scan# 1136
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 139 Resp: 5748
Ion Ratio Lower Upper
139 100
109 38.6 32.4 48.6
65 61.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 5.078 ng

RT: 9.821 min Scan# 1146

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

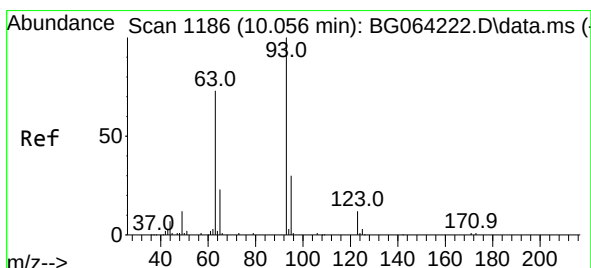
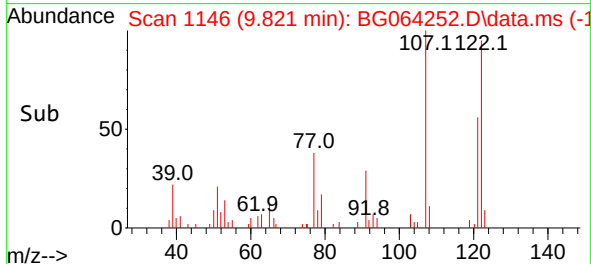
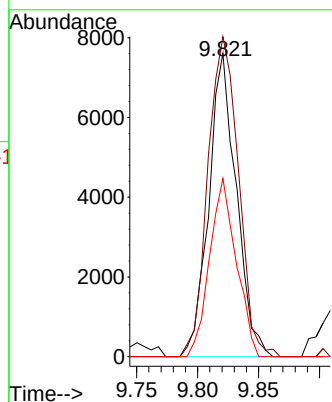
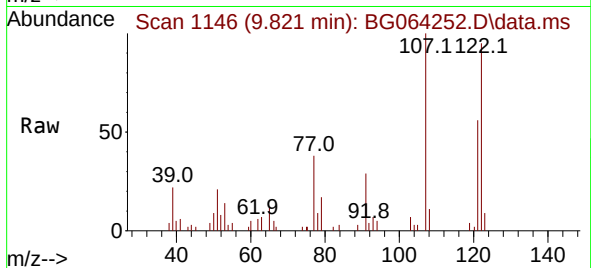
Tgt Ion:122 Resp: 11939

Ion Ratio Lower Upper

122 100

107 105.5 99.9 149.9

121 58.7 48.6 72.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.501 ng

RT: 10.056 min Scan# 1186

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

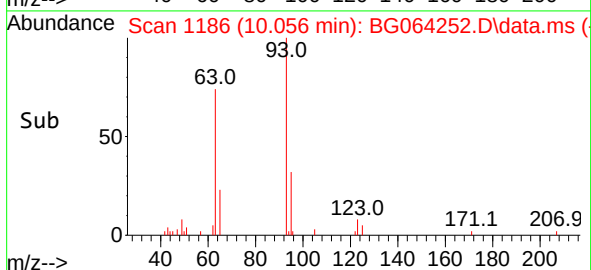
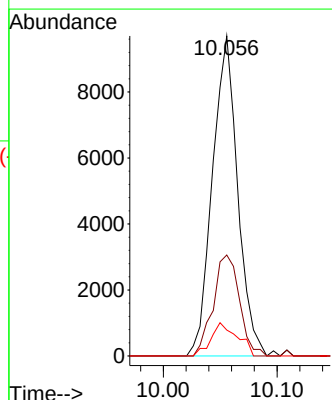
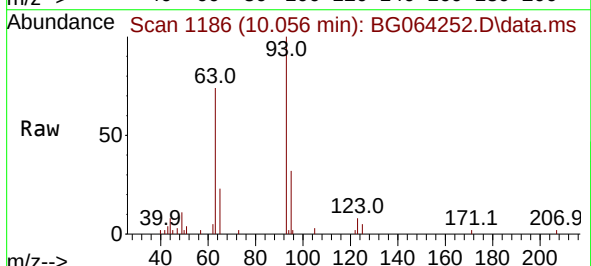
Tgt Ion: 93 Resp: 14963

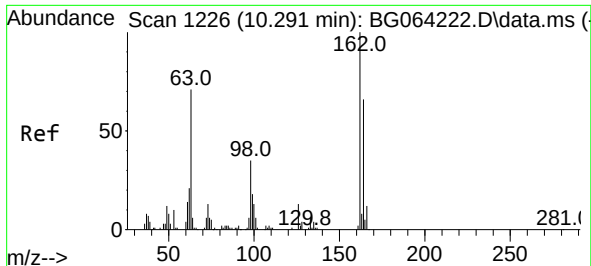
Ion Ratio Lower Upper

93 100

95 33.1 23.9 35.9

123 8.1 9.6 14.4#





#29

2,4-Dichlorophenol

Concen: 4.414 ng

RT: 10.291 min Scan# 1226

Delta R.T. -0.007 min

Lab File: BG064252.D

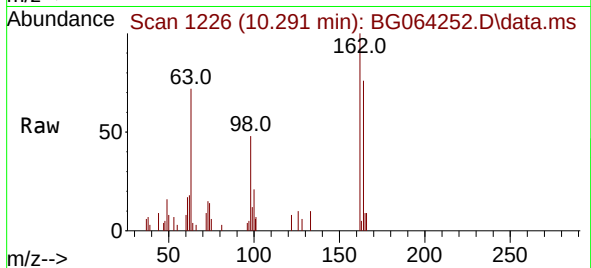
Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



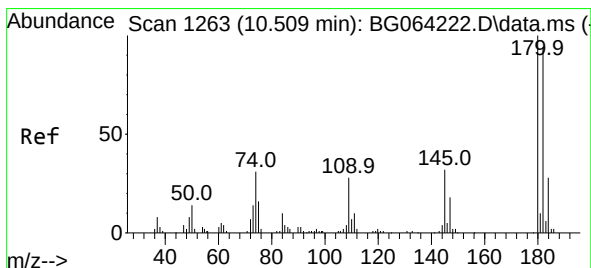
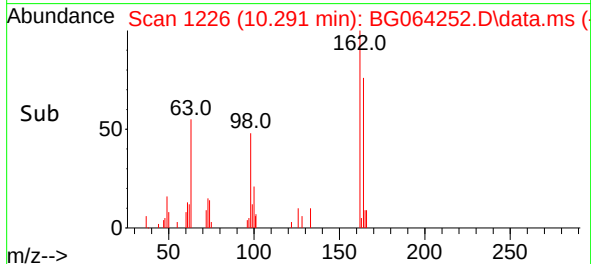
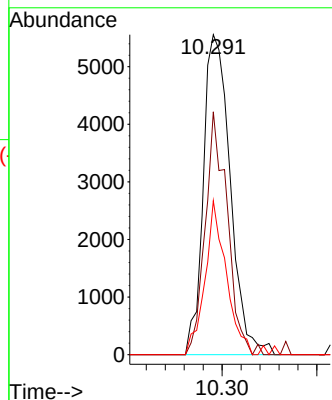
Tgt Ion:162 Resp: 10949

Ion Ratio Lower Upper

162 100

164 75.9 45.8 85.8

98 48.1 15.2 55.2



#30

1,2,4-Trichlorobenzene

Concen: 4.568 ng

RT: 10.514 min Scan# 1264

Delta R.T. 0.005 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

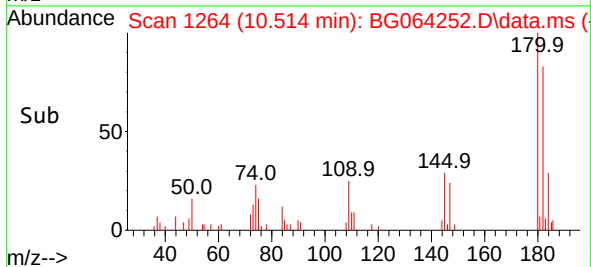
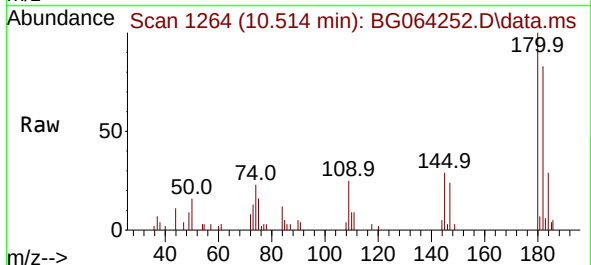
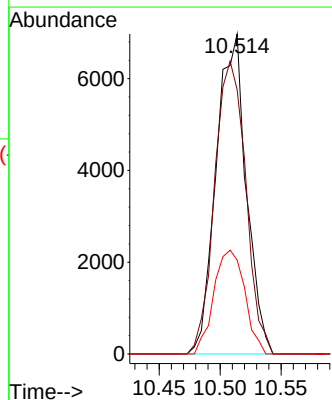
Tgt Ion:180 Resp: 11948

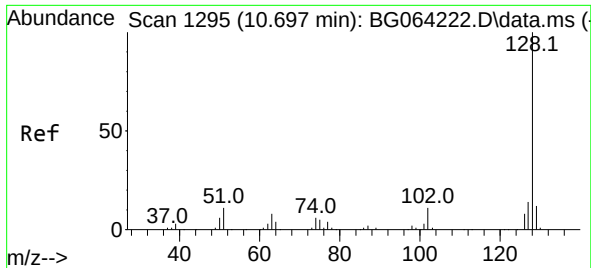
Ion Ratio Lower Upper

180 100

182 77.1 75.0 112.6

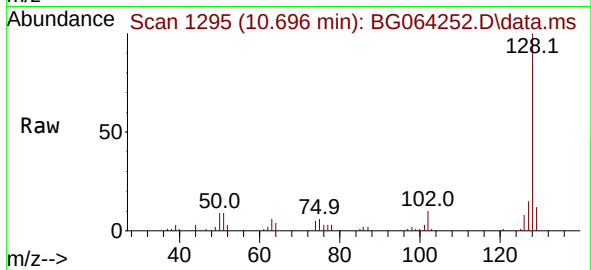
145 27.4 25.4 38.0



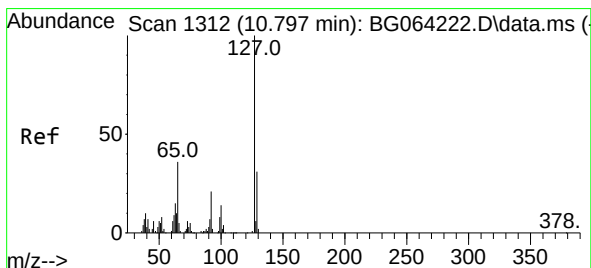
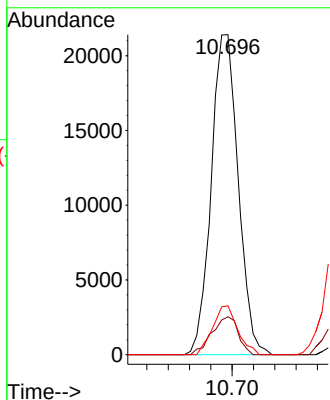
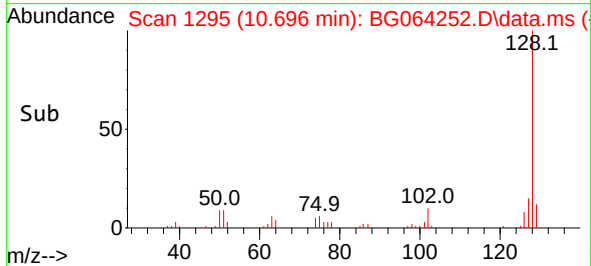


#31
Naphthalene
Concen: 4.384 ng
RT: 10.696 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

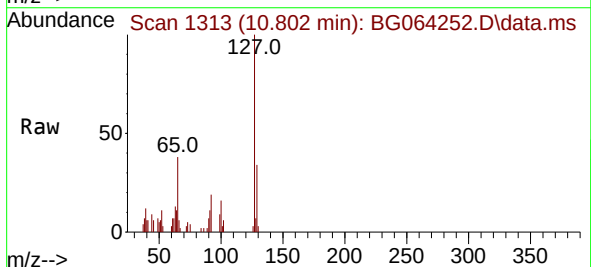
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025



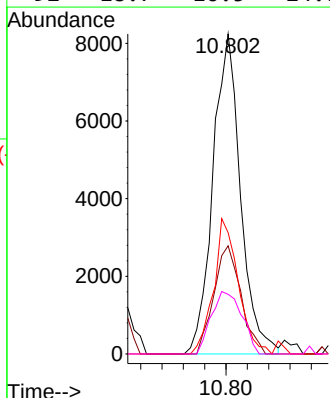
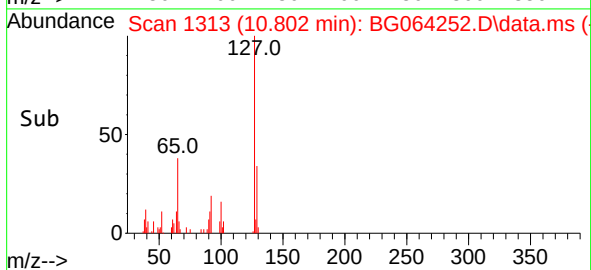
Tgt Ion:	128	Resp:	37605
Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	15.3	10.9	16.3

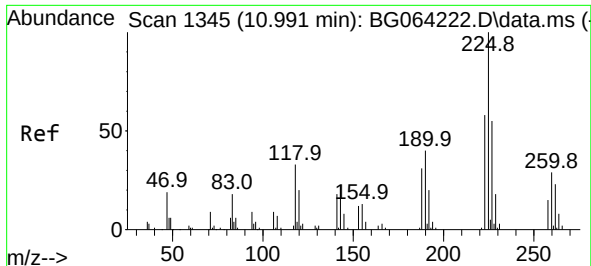


#33
4-Chloroaniline
Concen: 4.451 ng
RT: 10.802 min Scan# 1313
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42



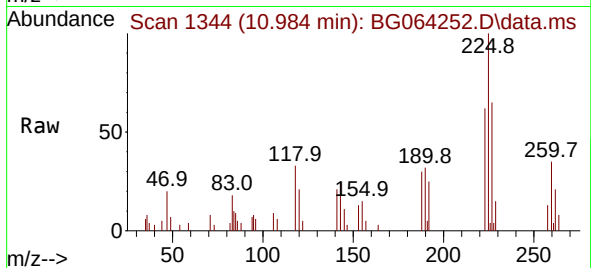
Tgt Ion:	127	Resp:	14798
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.0	37.4
65	37.9	28.7	43.1
92	18.7	16.5	24.7



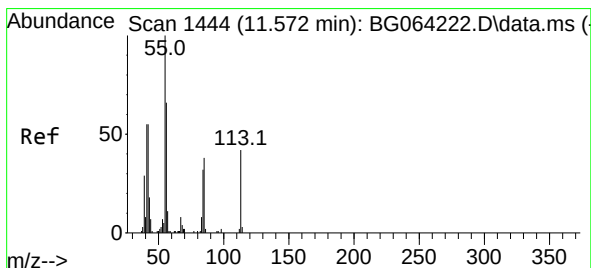
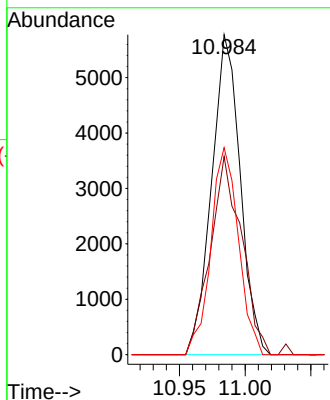
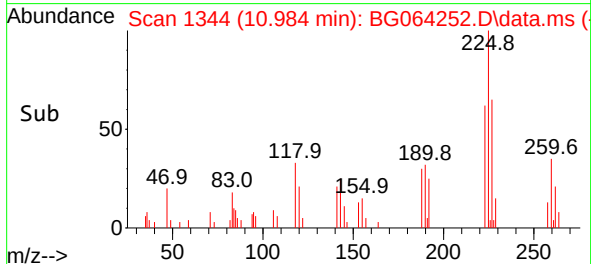


#34
Hexachlorobutadiene
Concen: 4.522 ng
RT: 10.984 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

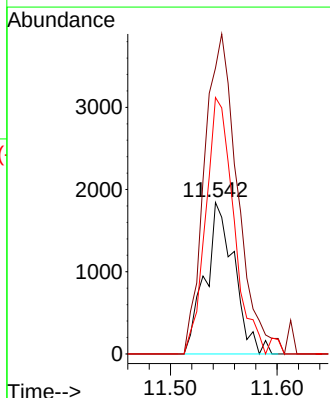
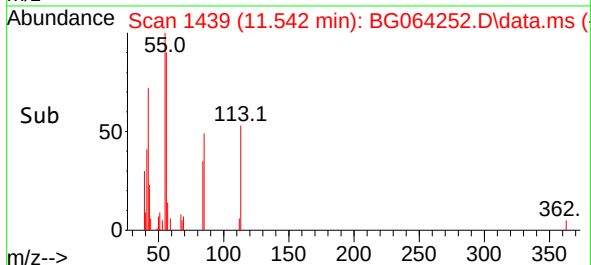
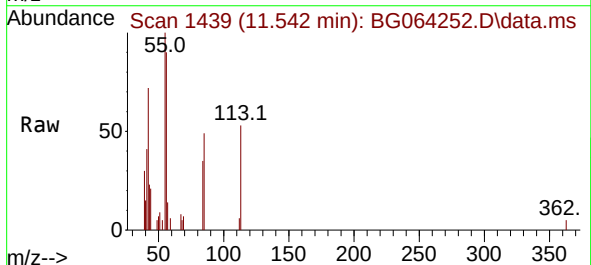


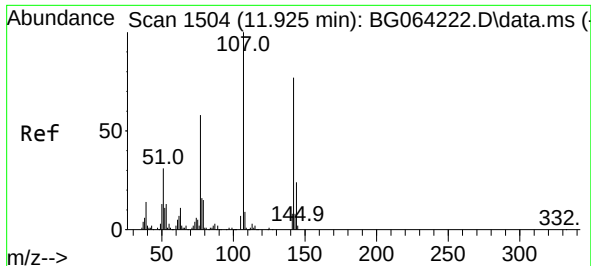
Tgt Ion:225 Resp: 8743
Ion Ratio Lower Upper
225 100
223 61.9 46.5 69.7
227 69.0 44.1 66.1#



#35
Caprolactam
Concen: 3.620 ng
RT: 11.542 min Scan# 1439
Delta R.T. -0.060 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:113 Resp: 3477
Ion Ratio Lower Upper
113 100
55 188.6 218.5 258.5#
56 169.2 138.5 178.5

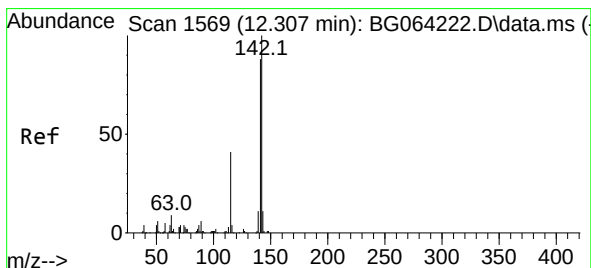
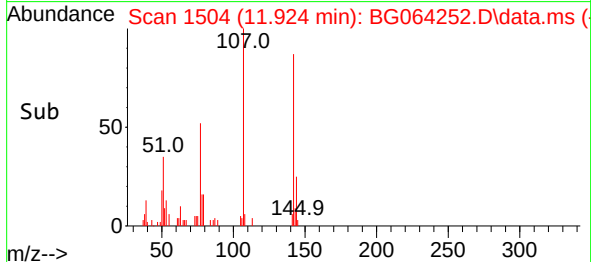
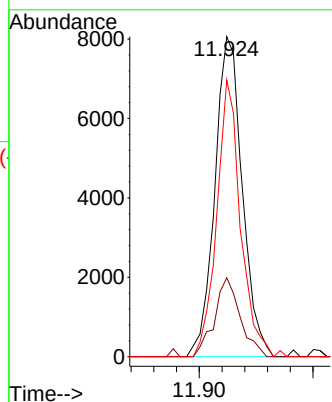
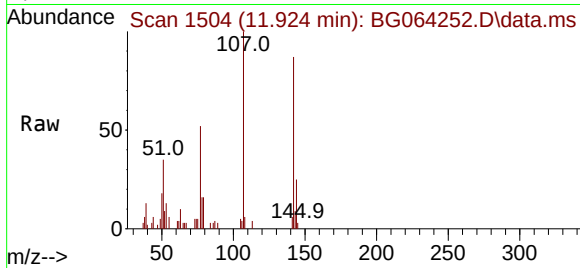




#36
4-Chloro-3-methylphenol
Concen: 4.193 ng
RT: 11.924 min Scan# 1504
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

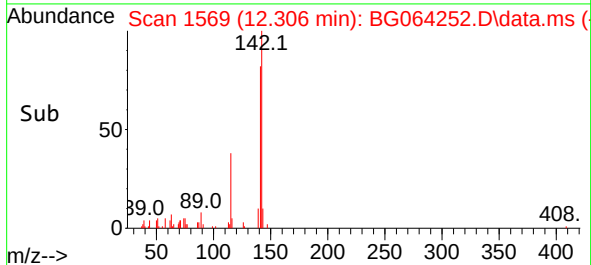
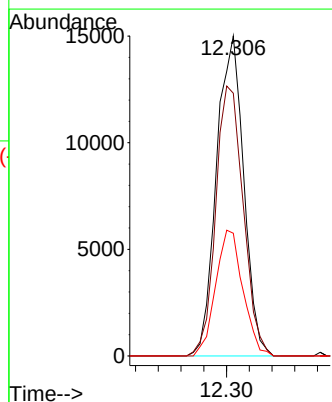
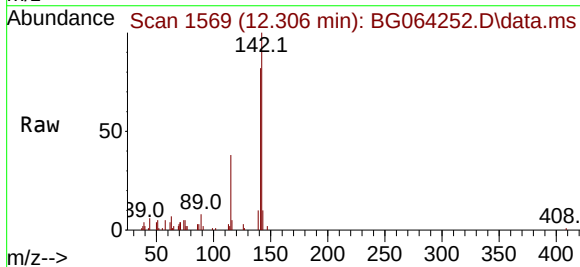
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

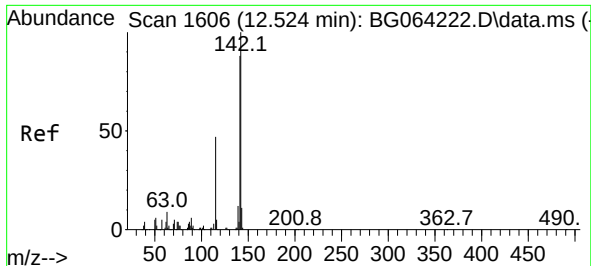
Tgt Ion:107 Resp: 13496
Ion Ratio Lower Upper
107 100
144 24.7 19.5 29.3
142 86.5 62.0 93.0



#37
2-Methylnaphthalene
Concen: 3.908 ng
RT: 12.306 min Scan# 1569
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:142 Resp: 24921
Ion Ratio Lower Upper
142 100
141 82.1 70.1 105.1
115 38.3 33.1 49.7

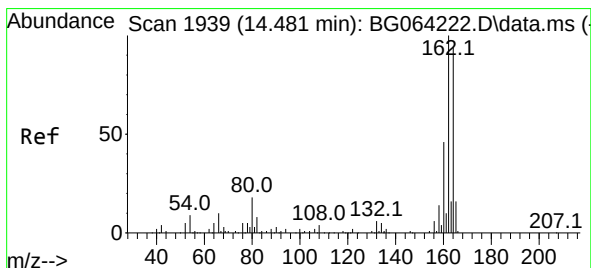
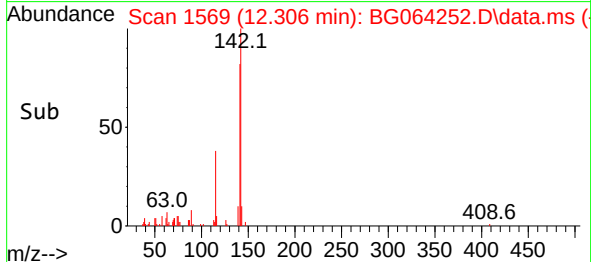
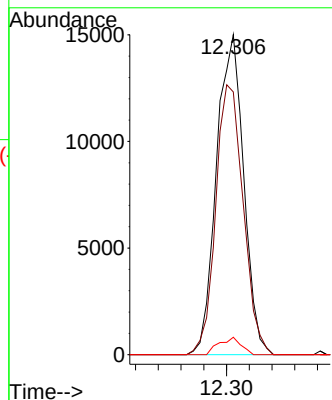
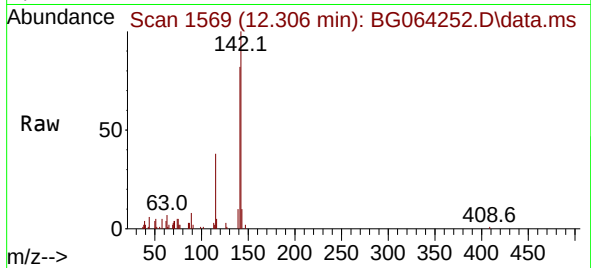




#38
1-Methylnaphthalene
Concen: 3.957 ng
RT: 12.306 min Scan# 1
Delta R.T. -0.218 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

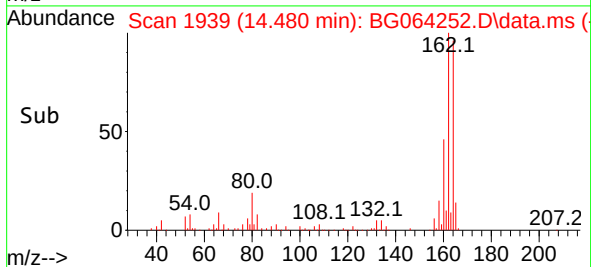
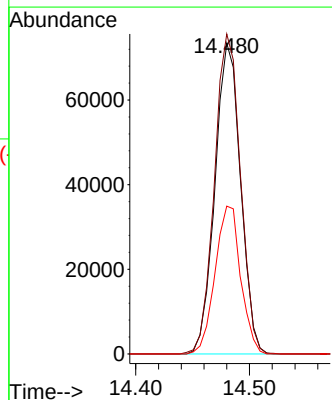
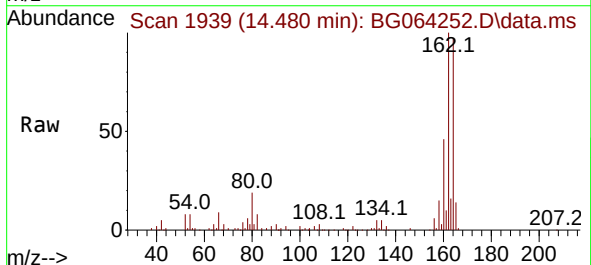
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

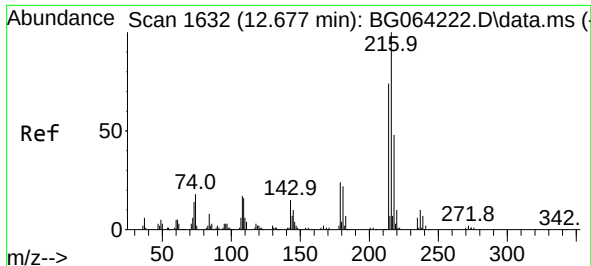
Tgt Ion:142 Resp: 24921
Ion Ratio Lower Upper
142 100
141 82.1 70.3 105.5
116 5.4 3.7 5.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:164 Resp: 114866
Ion Ratio Lower Upper
164 100
162 103.0 85.4 128.0
160 47.6 39.2 58.8

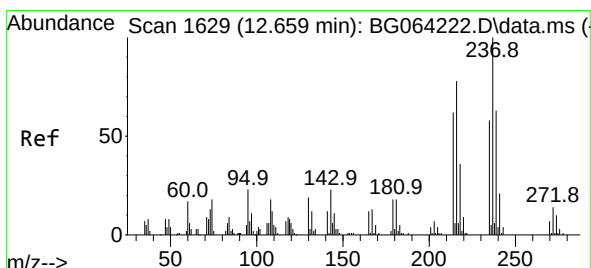
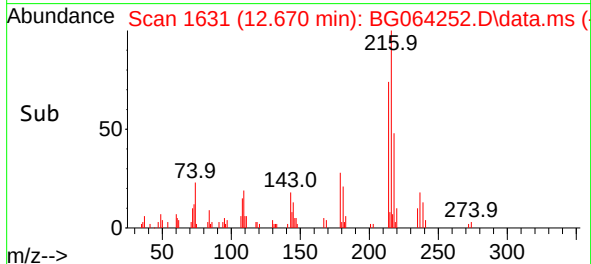
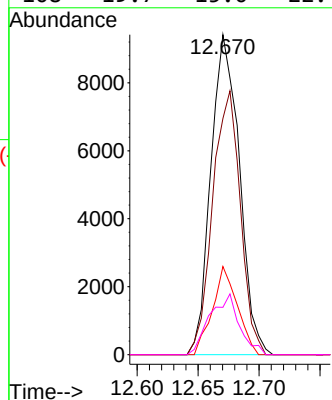
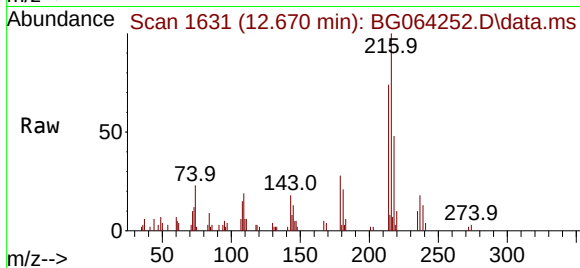




#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.621 ng
RT: 12.670 min Scan# 1631
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

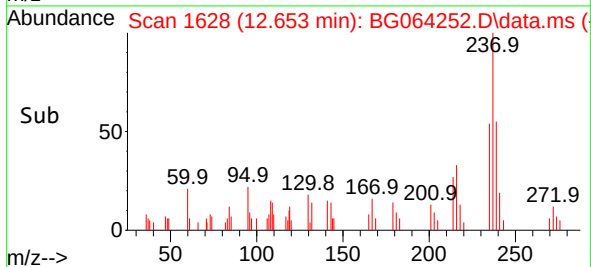
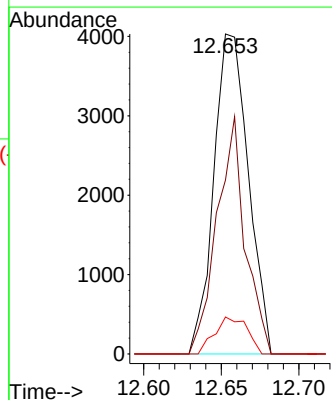
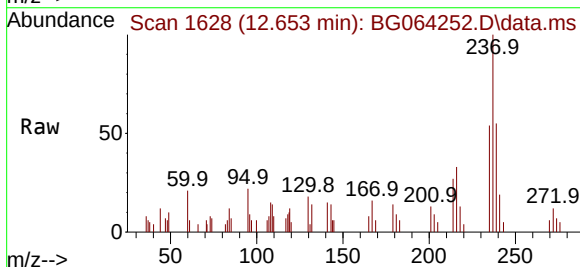
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

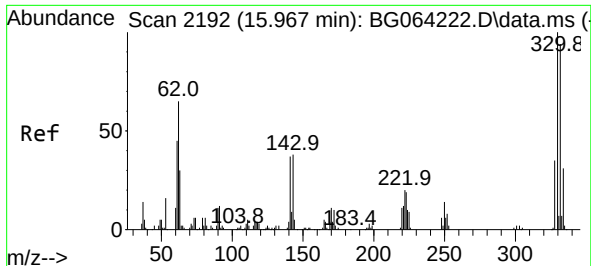
Tgt Ion:	216	Resp:	15314
Ion	Ratio	Lower	Upper
216	100		
214	80.2	61.9	92.9
179	24.0	17.9	26.9
108	19.7	15.0	22.4



#41
Hexachlorocyclopentadiene
Concen: 3.962 ng
RT: 12.653 min Scan# 1628
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

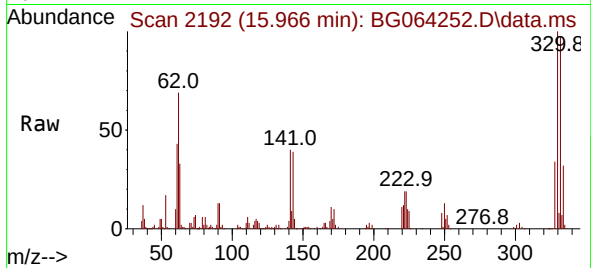
Tgt Ion:	237	Resp:	6240
Ion	Ratio	Lower	Upper
237	100		
235	54.4	37.9	77.9
272	11.6	0.0	33.8



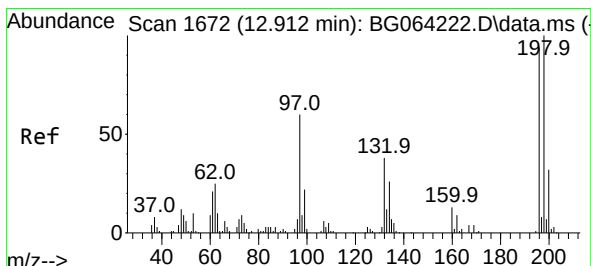
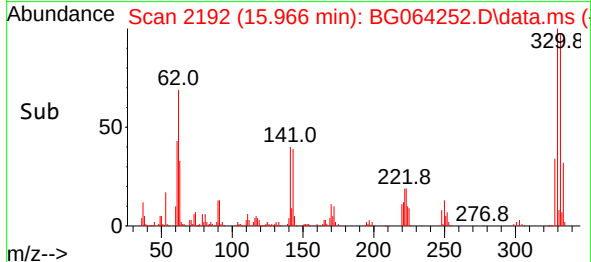
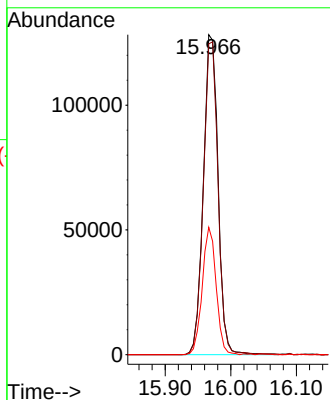


#42
2,4,6-Tribromophenol
Concen: 131.839 ng
RT: 15.966 min Scan# 2192
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

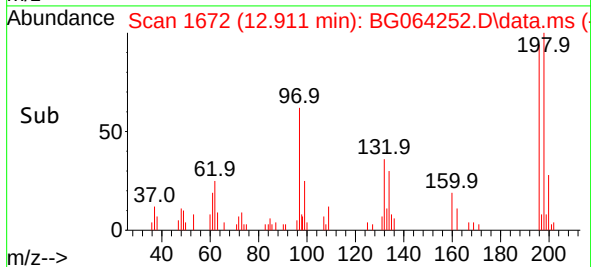
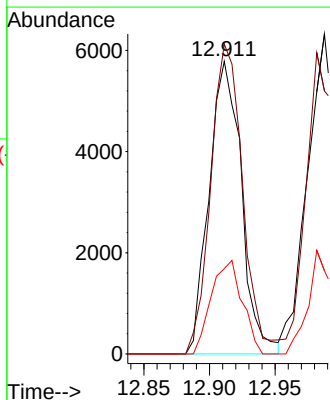
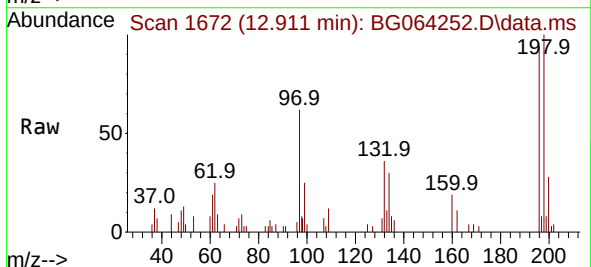


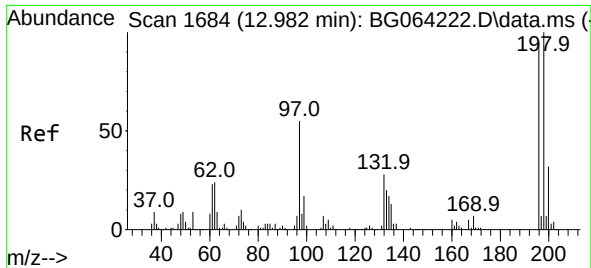
Tgt Ion:330 Resp: 200587
Ion Ratio Lower Upper
330 100
332 97.0 77.6 116.4
141 37.5 29.8 44.6



#43
2,4,6-Trichlorophenol
Concen: 4.473 ng
RT: 12.911 min Scan# 1672
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

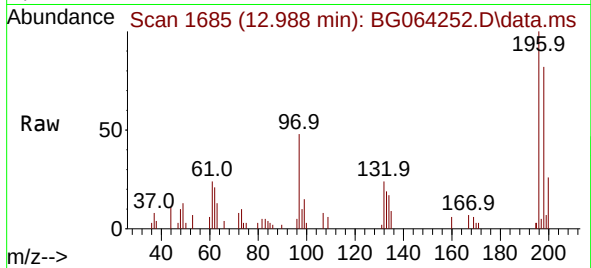
Tgt Ion:196 Resp: 9909
Ion Ratio Lower Upper
196 100
198 105.9 85.4 128.2
200 29.2 27.3 40.9



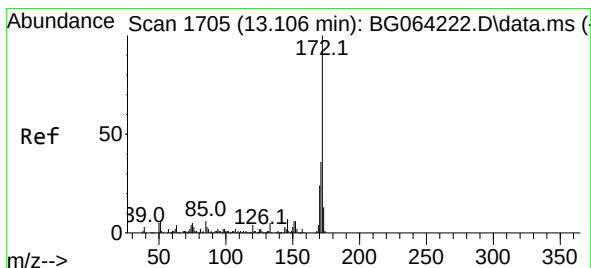
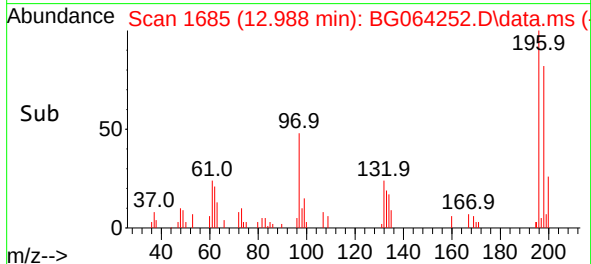
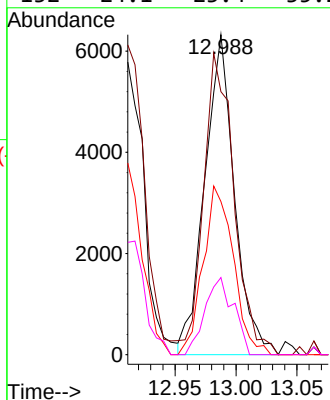


#44
 2,4,5-Trichlorophenol
 Concen: 4.462 ng
 RT: 12.988 min Scan# 1
 Delta R.T. -0.001 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

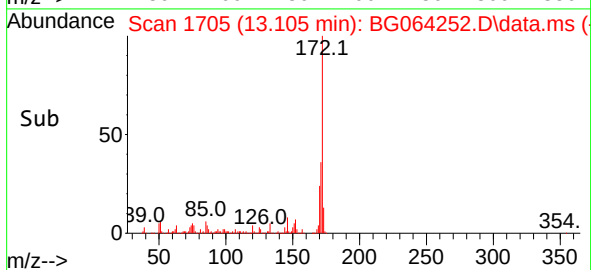
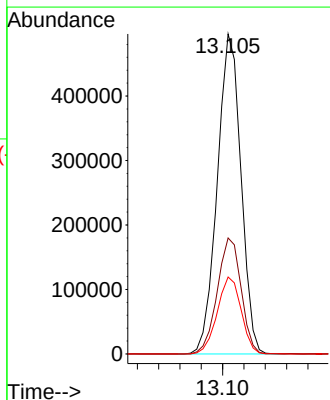
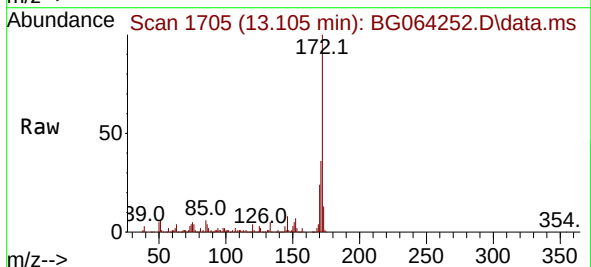


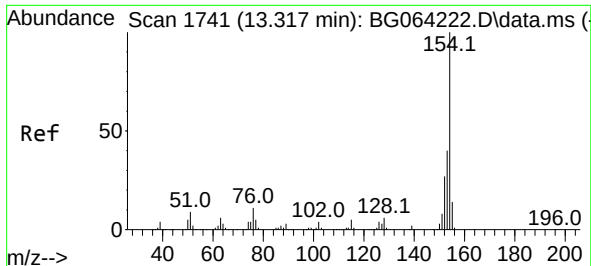
Tgt Ion:196 Resp: 10722
 Ion Ratio Lower Upper
 196 100
 198 82.2 84.5 126.7#
 97 47.8 46.8 70.2
 132 24.1 23.4 35.2



#45
 2-Fluorobiphenyl
 Concen: 101.508 ng
 RT: 13.105 min Scan# 1705
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Tgt Ion:172 Resp: 763901
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.7 43.1
 170 24.0 19.0 28.6

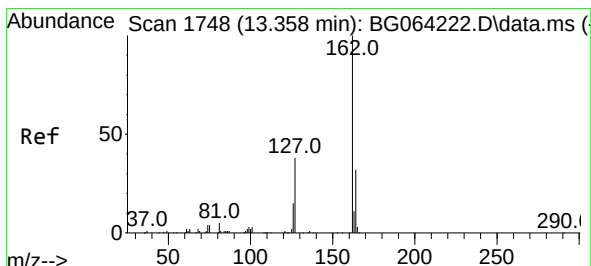
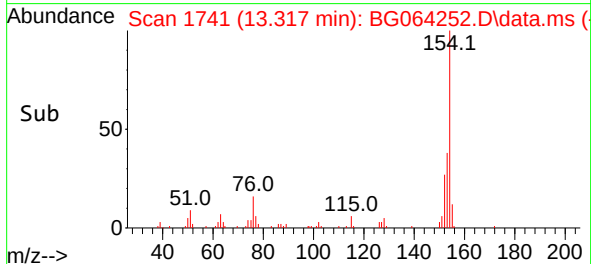
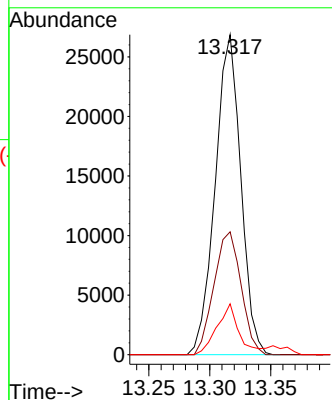
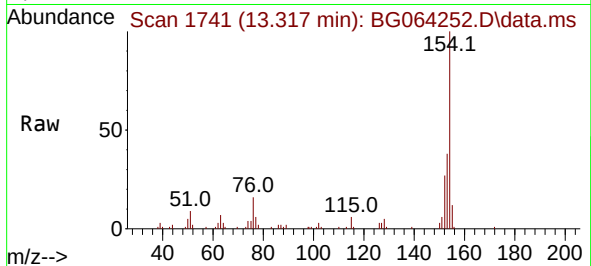




#46
1,1'-Biphenyl
Concen: 4.693 ng
RT: 13.317 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

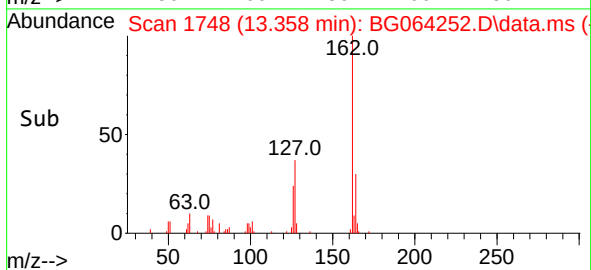
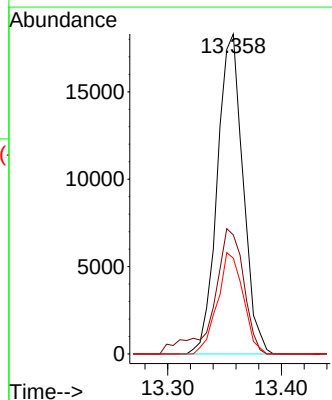
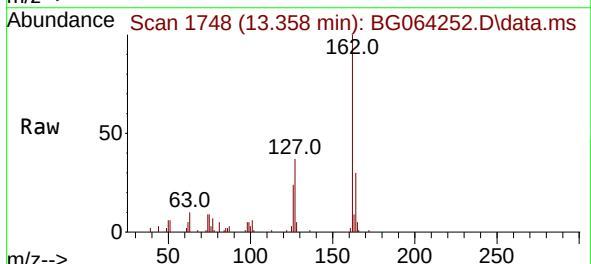
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

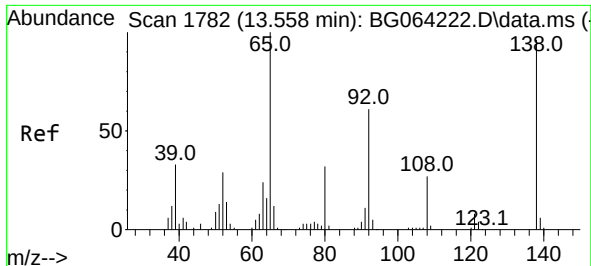
Tgt Ion:154 Resp: 39266
Ion Ratio Lower Upper
154 100
153 38.4 19.9 59.9
76 15.9 0.0 30.9



#47
2-Chloronaphthalene
Concen: 4.575 ng
RT: 13.358 min Scan# 1748
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:162 Resp: 28776
Ion Ratio Lower Upper
162 100
127 37.2 33.9 50.9
164 29.9 25.4 38.2

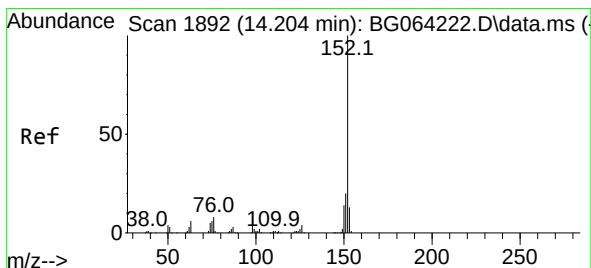
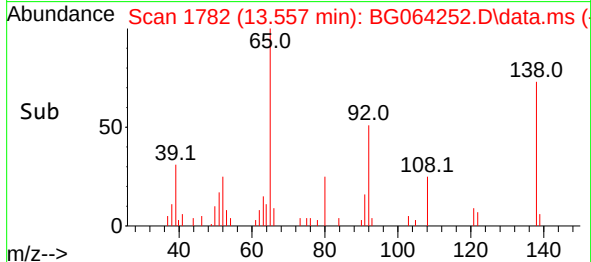
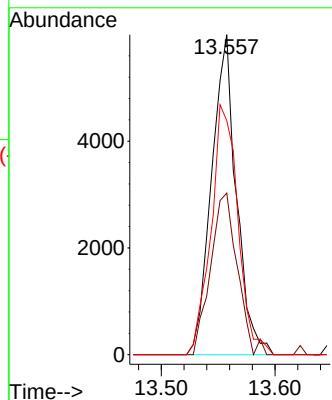
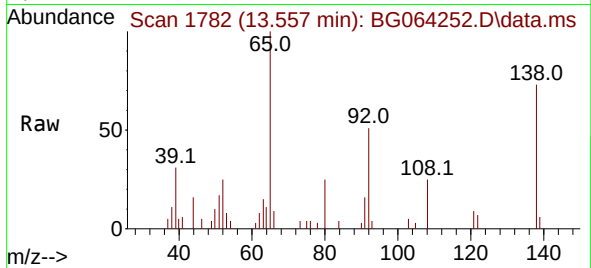




#48
2-Nitroaniline
Concen: 4.241 ng
RT: 13.557 min Scan# 1
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

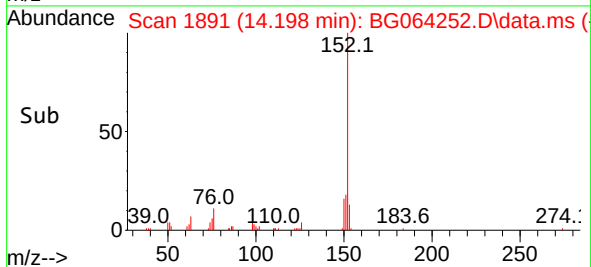
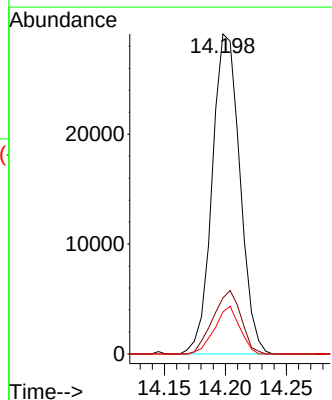
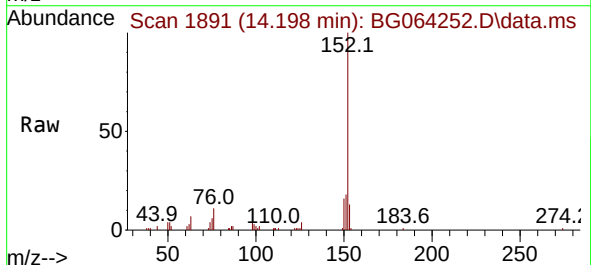
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

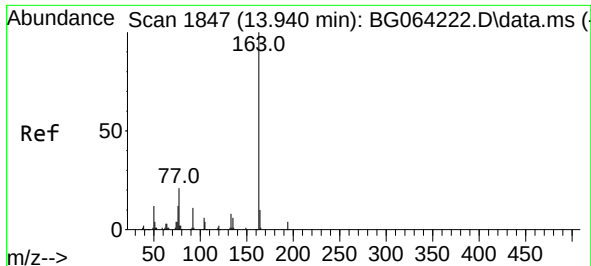
Tgt Ion: 65 Resp: 9091
Ion Ratio Lower Upper
65 100
92 50.5 49.2 73.8
138 73.1 76.8 115.2#



#49
Acenaphthylene
Concen: 4.952 ng
RT: 14.198 min Scan# 1891
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 152 Resp: 46042
Ion Ratio Lower Upper
152 100
151 17.5 16.2 24.2
153 13.1 10.1 15.1

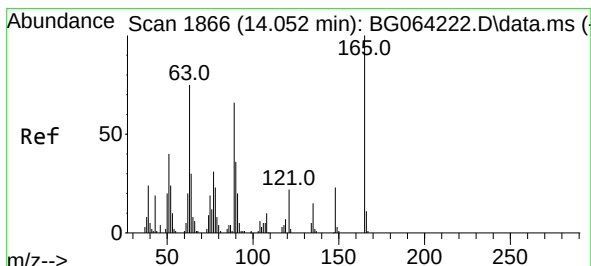
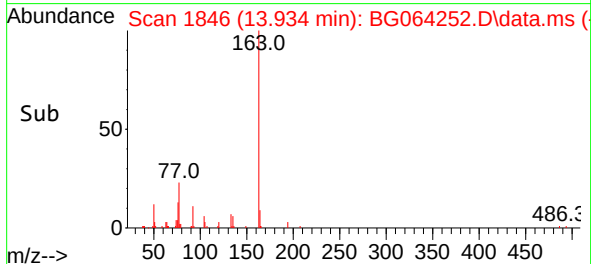
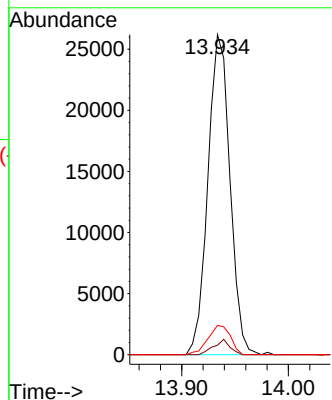
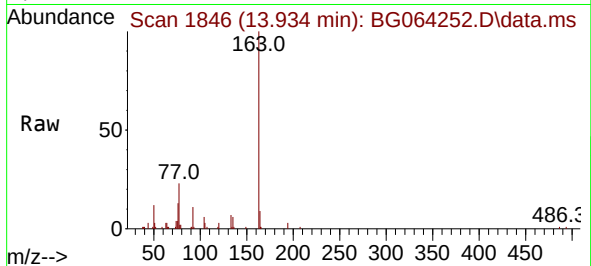




#50
Dimethylphthalate
Concen: 4.331 ng
RT: 13.934 min Scan# 1846
Delta R.T. -0.013 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

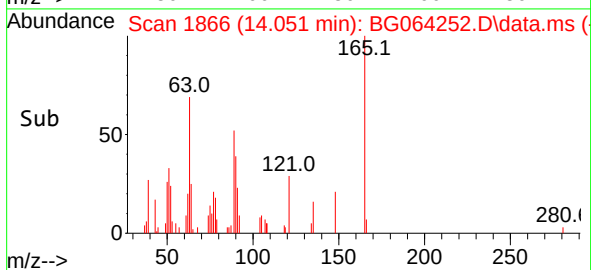
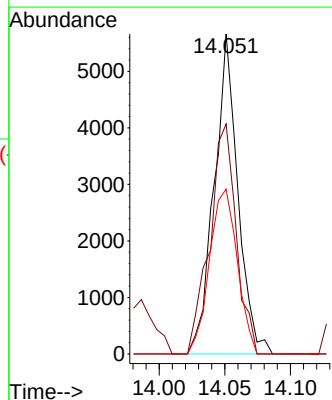
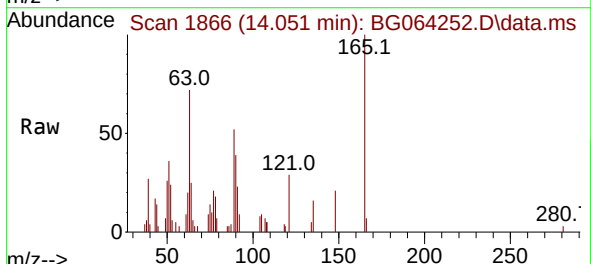
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

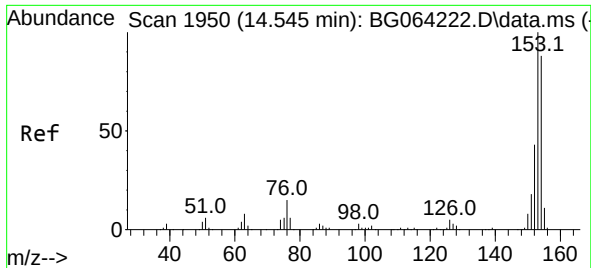
Tgt Ion:163 Resp: 37659
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 9.2 7.9 11.9



#51
2,6-Dinitrotoluene
Concen: 4.214 ng
RT: 14.051 min Scan# 1866
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:165 Resp: 7093
Ion Ratio Lower Upper
165 100
63 71.8 60.3 90.5
89 51.5 52.9 79.3#

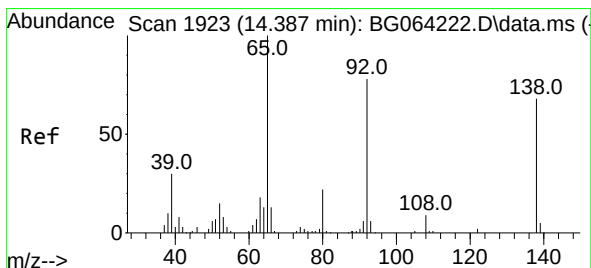
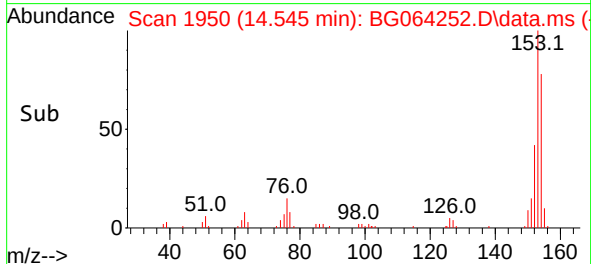
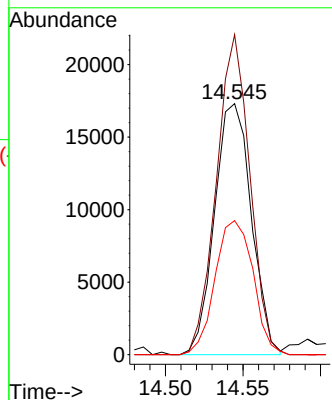
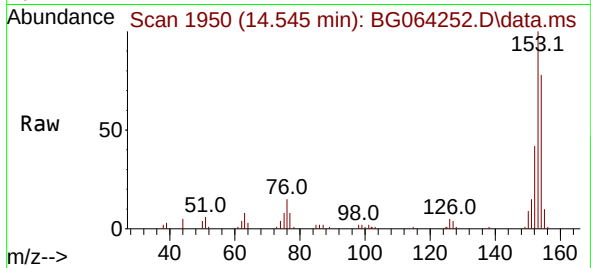




#52
Acenaphthene
Concen: 4.362 ng
RT: 14.545 min Scan# 1950
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

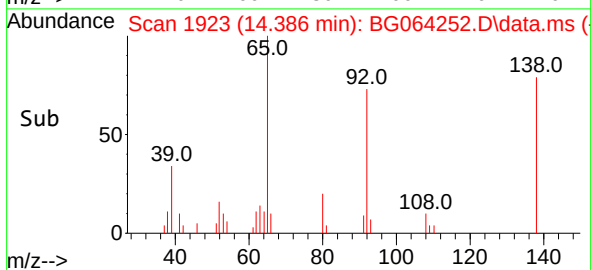
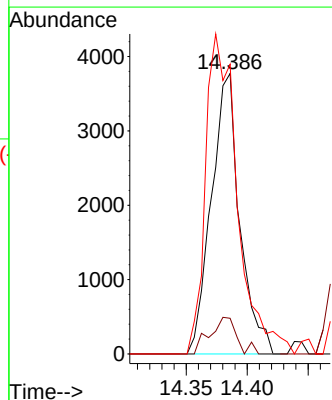
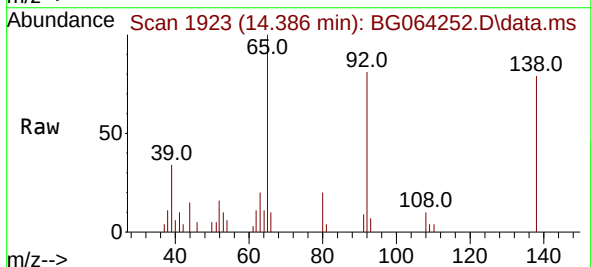
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

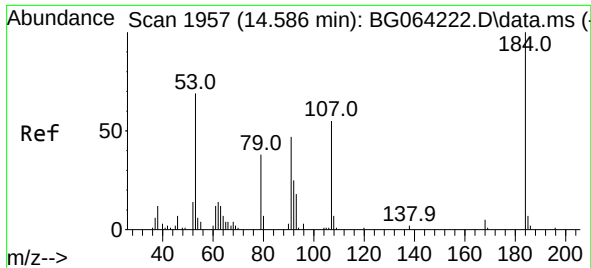
Tgt Ion:154 Resp: 28622
Ion Ratio Lower Upper
154 100
153 127.4 91.1 136.7
152 53.4 39.6 59.4



#53
3-Nitroaniline
Concen: 3.476 ng
RT: 14.386 min Scan# 1923
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:138 Resp: 6128
Ion Ratio Lower Upper
138 100
108 12.7 11.0 16.6
92 103.3 91.4 137.0

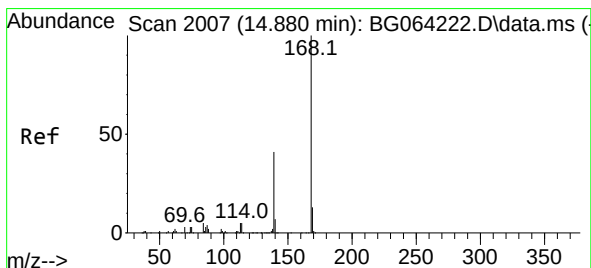
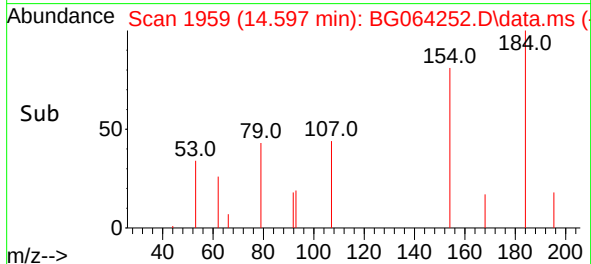
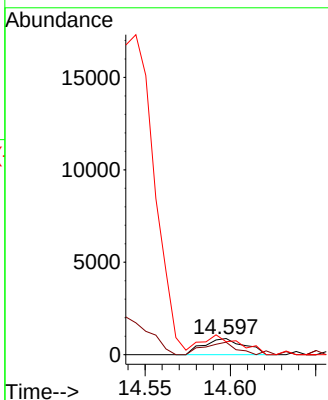
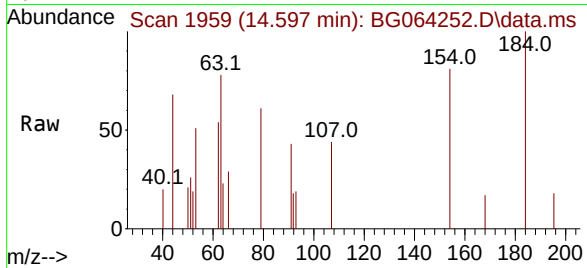




#54
2,4-Dinitrophenol
Concen: 6.885 ng
RT: 14.597 min Scan# 1957
Delta R.T. 0.005 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

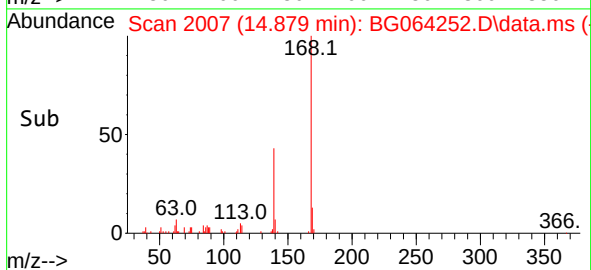
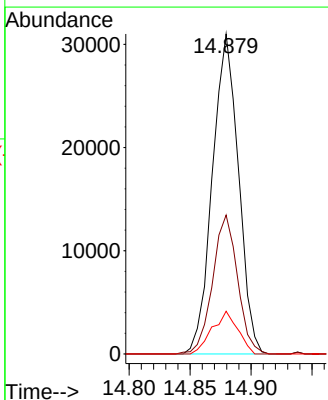
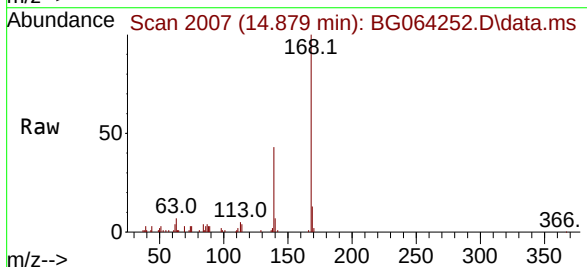
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

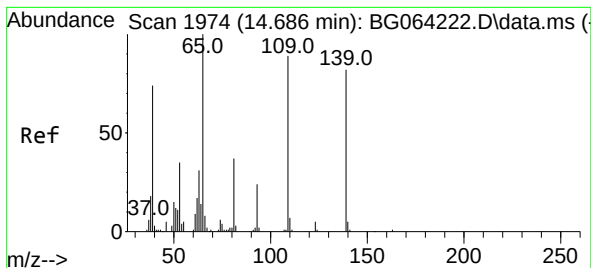
Tgt Ion:184 Resp: 1460
Ion Ratio Lower Upper
184 100
63 77.7 60.1 90.1
154 80.5 59.8 89.8



#55
Dibenzofuran
Concen: 4.463 ng
RT: 14.879 min Scan# 2007
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:168 Resp: 46059
Ion Ratio Lower Upper
168 100
139 43.4 33.2 49.8
169 13.3 10.4 15.6

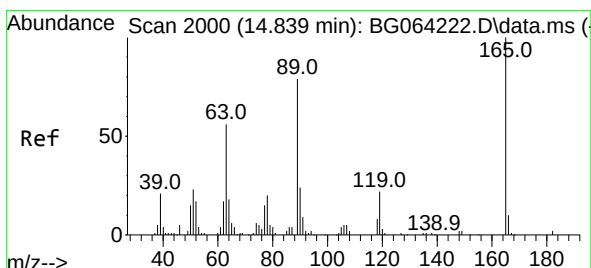
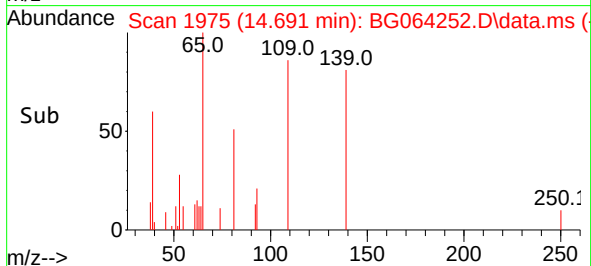
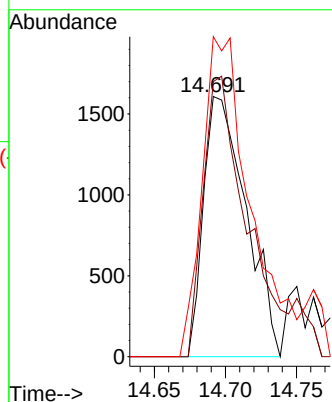
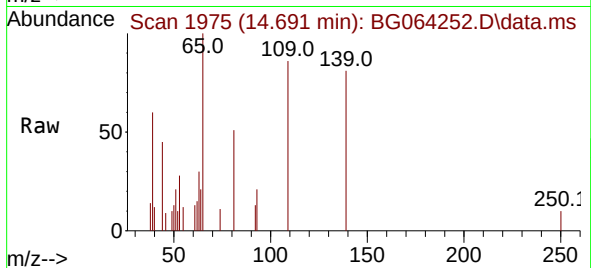




#56
4-Nitrophenol
Concen: 2.318 ng
RT: 14.691 min Scan# 1974
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

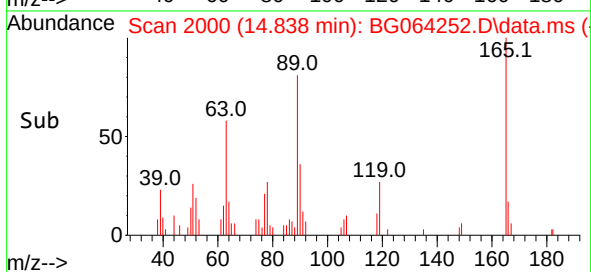
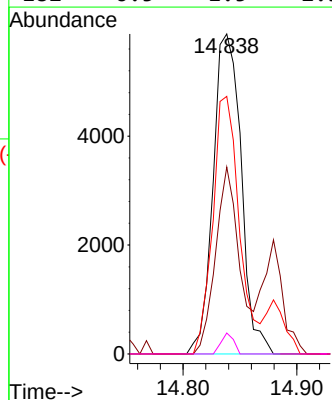
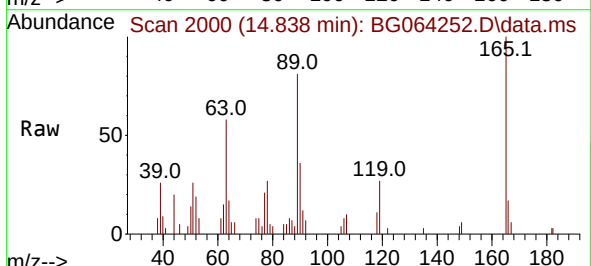
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

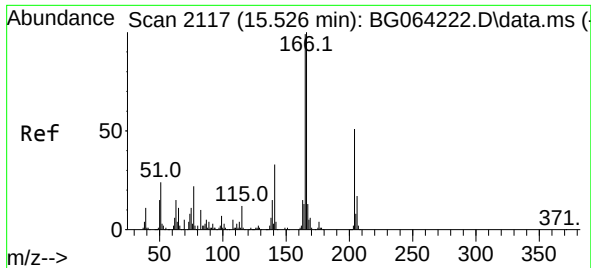
Tgt Ion:139 Resp: 3352
Ion Ratio Lower Upper
139 100
109 105.7 89.1 129.1
65 123.0 102.9 142.9



#57
2,4-Dinitrotoluene
Concen: 3.949 ng
RT: 14.838 min Scan# 2000
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:165 Resp: 10051
Ion Ratio Lower Upper
165 100
63 58.4 44.6 67.0
89 80.5 63.0 94.4
182 6.5 1.5 2.3#

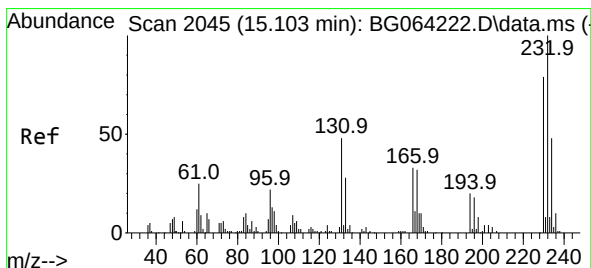
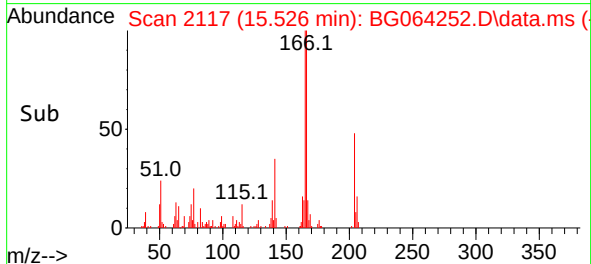
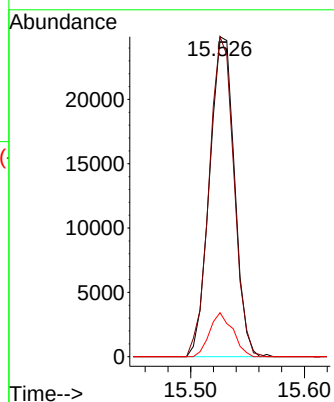
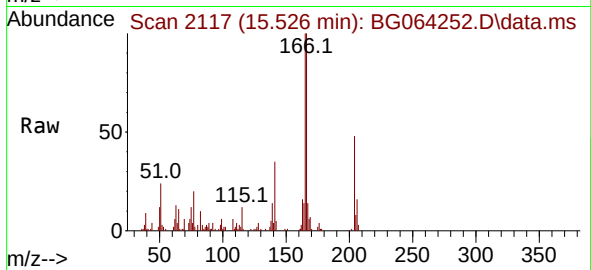




#58
 Fluorene
 Concen: 4.474 ng
 RT: 15.526 min Scan# 2117
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

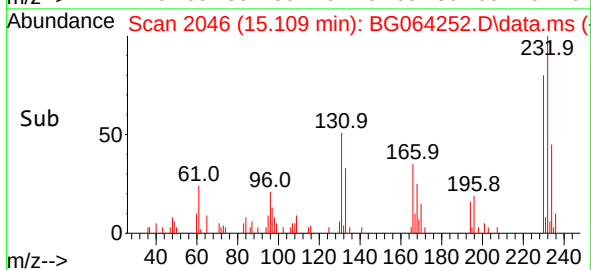
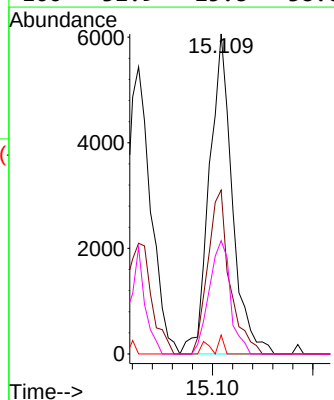
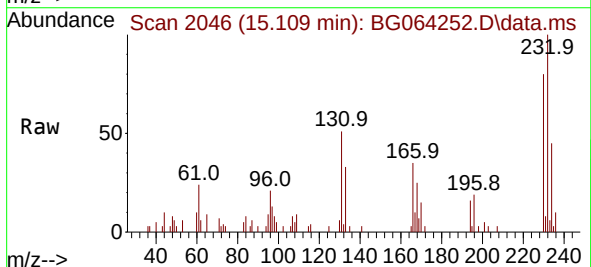
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

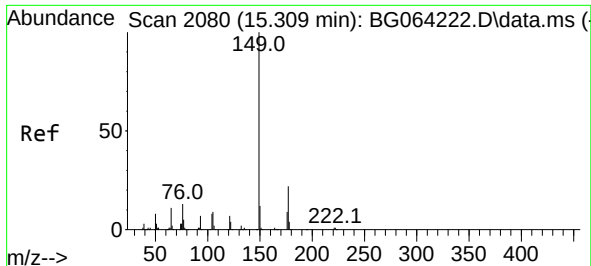
Tgt Ion:166 Resp: 37846
 Ion Ratio Lower Upper
 166 100
 165 99.9 79.1 118.7
 167 13.8 10.2 15.4



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.150 ng
 RT: 15.109 min Scan# 2046
 Delta R.T. -0.001 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Tgt Ion:232 Resp: 9591
 Ion Ratio Lower Upper
 232 100
 131 48.8 37.1 55.7
 130 1.3 2.6 3.8#
 166 32.9 25.8 38.6

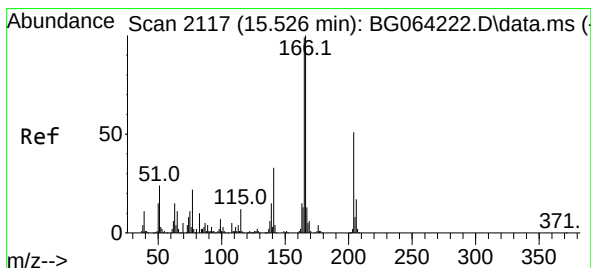
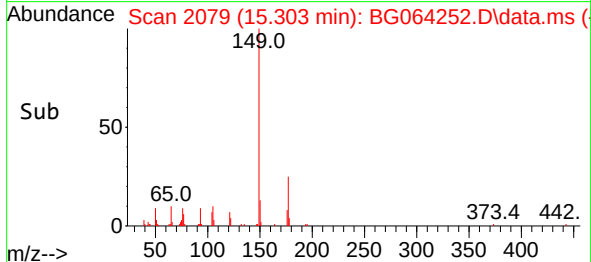
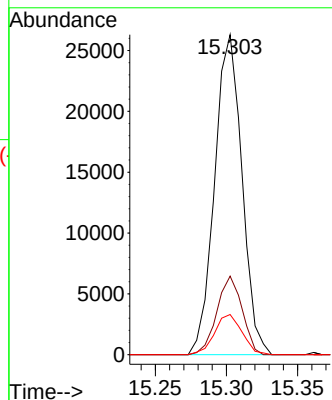
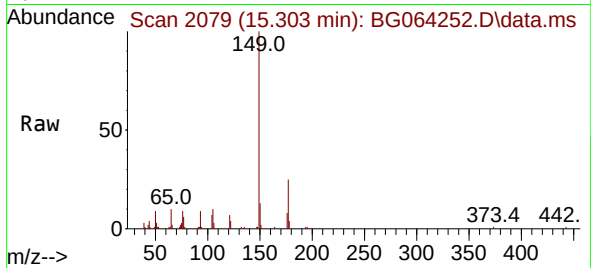




#60
Diethylphthalate
Concen: 3.773 ng
RT: 15.303 min Scan# 2080
Delta R.T. -0.013 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

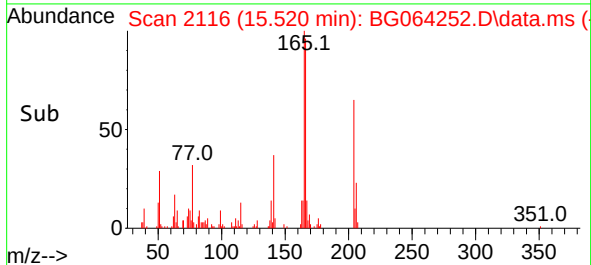
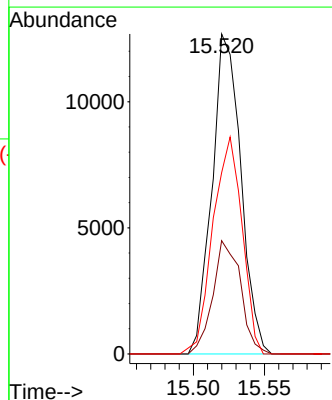
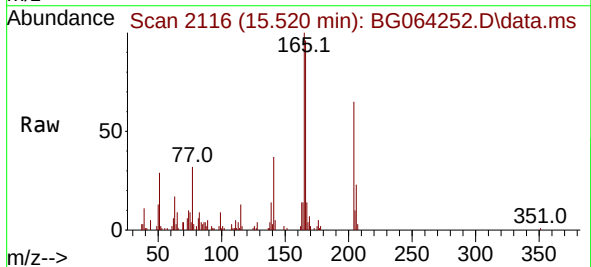
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

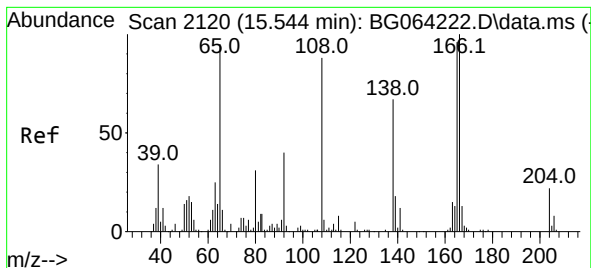
Tgt Ion:149 Resp: 35105
Ion Ratio Lower Upper
149 100
177 24.6 17.5 26.3
150 12.6 9.9 14.9



#61
4-Chlorophenyl-phenylether
Concen: 4.247 ng
RT: 15.520 min Scan# 2116
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:204 Resp: 17913
Ion Ratio Lower Upper
204 100
206 35.4 26.2 39.4
141 56.7 51.9 77.9

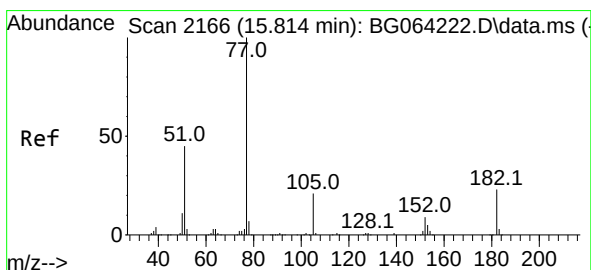
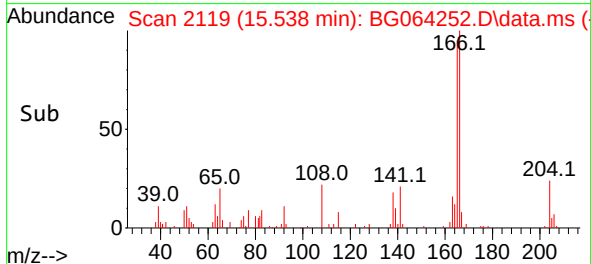
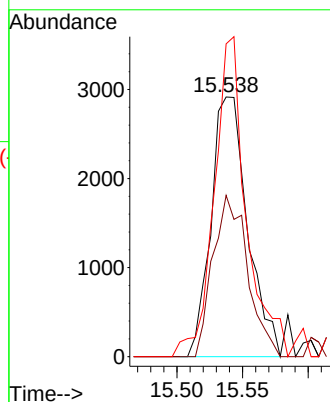
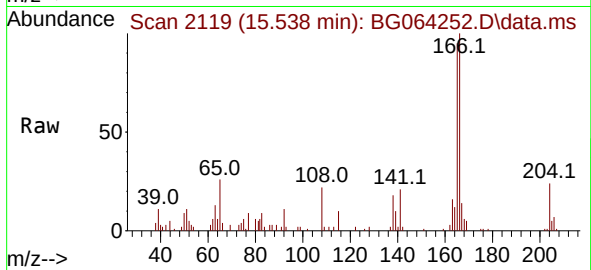




#62
4-Nitroaniline
Concen: 3.135 ng
RT: 15.538 min Scan# 2119
Delta R.T. -0.018 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

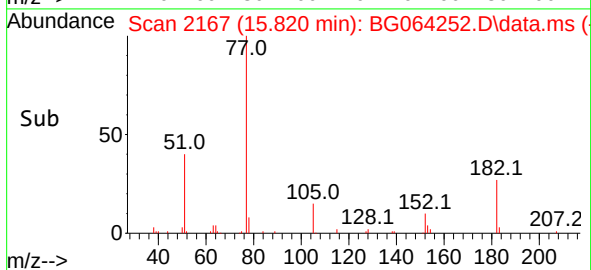
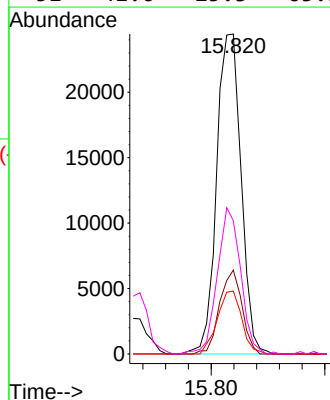
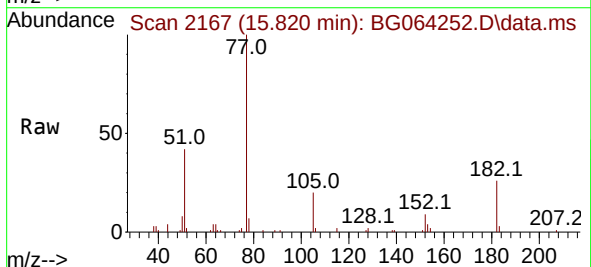
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

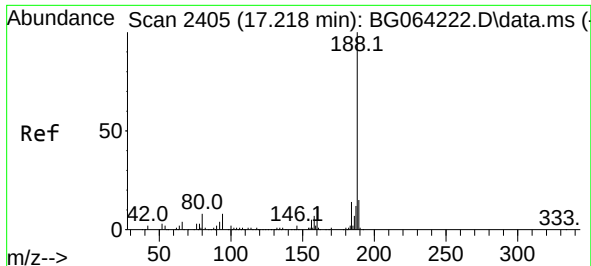
Tgt Ion:138 Resp: 5641
Ion Ratio Lower Upper
138 100
92 62.1 39.1 79.1
108 120.4 111.3 151.3



#63
Azobenzene
Concen: 4.408 ng
RT: 15.820 min Scan# 2167
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion: 77 Resp: 36554
Ion Ratio Lower Upper
77 100
182 26.2 3.3 43.3
105 19.7 0.6 40.6
51 41.6 25.3 65.3

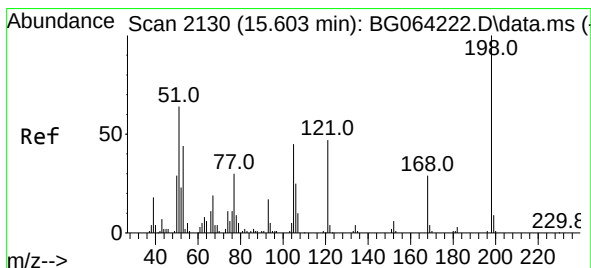
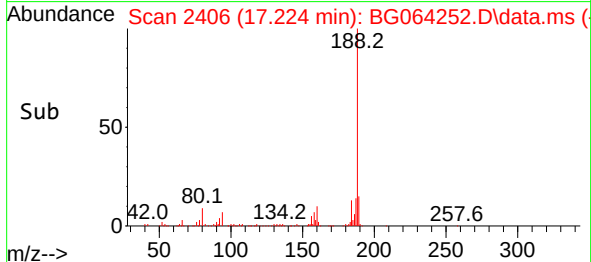
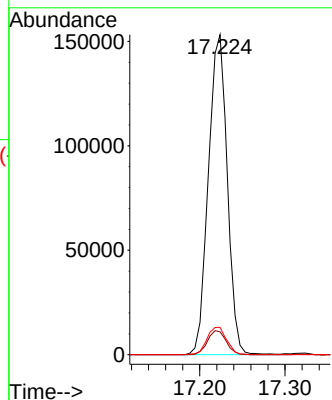
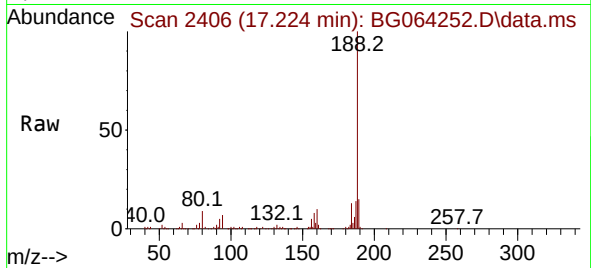




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

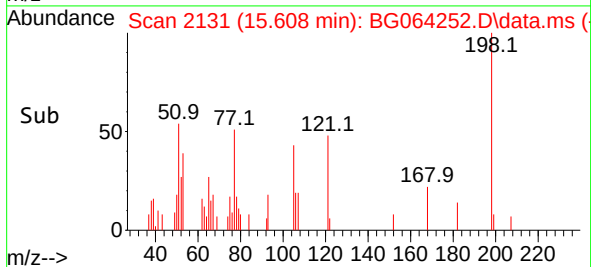
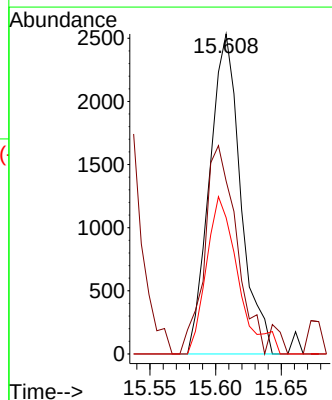
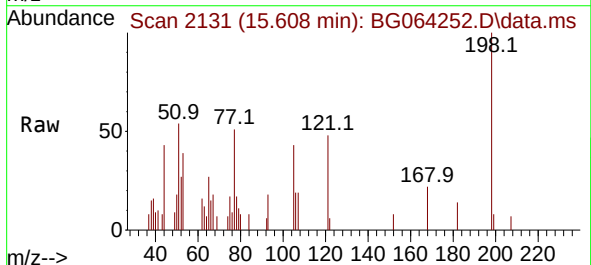
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

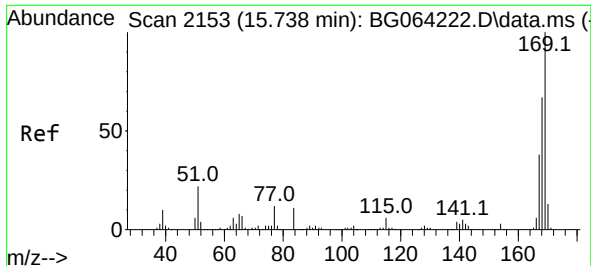
Tgt Ion:188 Resp: 235550
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 8.6 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 3.084 ng
RT: 15.608 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:198 Resp: 4171
Ion Ratio Lower Upper
198 100
51 54.1 46.2 86.2
105 42.6 25.0 65.0

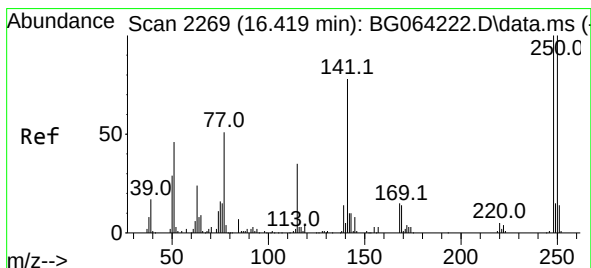
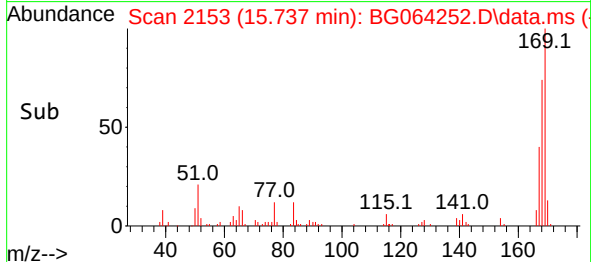
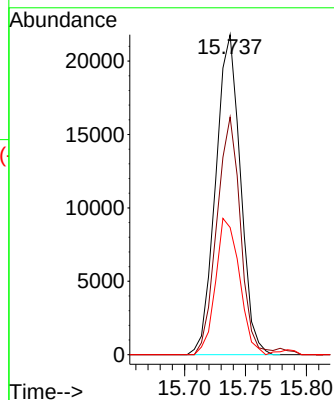
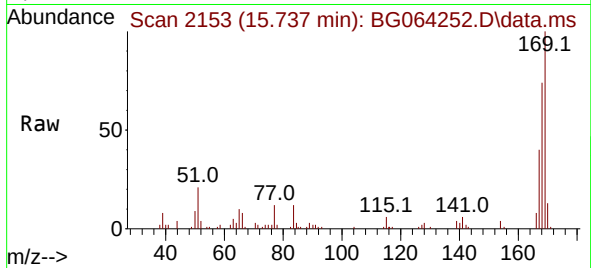




#66
 n-Nitrosodiphenylamine
 Concen: 4.757 ng
 RT: 15.737 min Scan# 2153
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

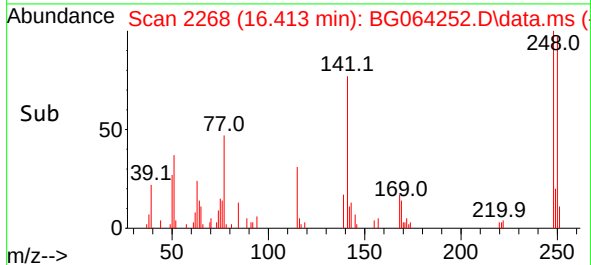
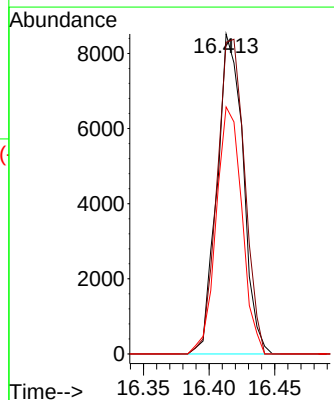
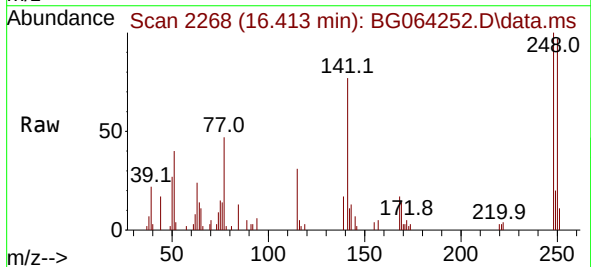
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

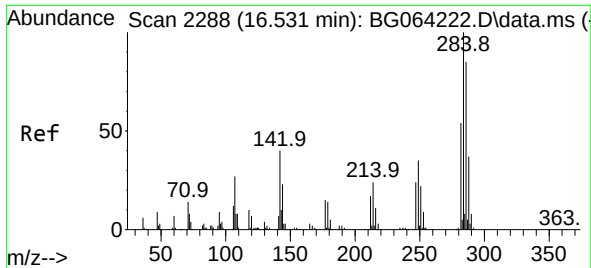
Tgt Ion:169	Resp:	30821
Ion	Ratio	Lower Upper
169	100	
168	74.3	53.8 80.8
167	39.7	30.2 45.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.701 ng
 RT: 16.413 min Scan# 2268
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Tgt Ion:248	Resp:	11761
Ion	Ratio	Lower Upper
248	100	
250	97.4	80.2 120.4
141	77.2	62.4 93.6

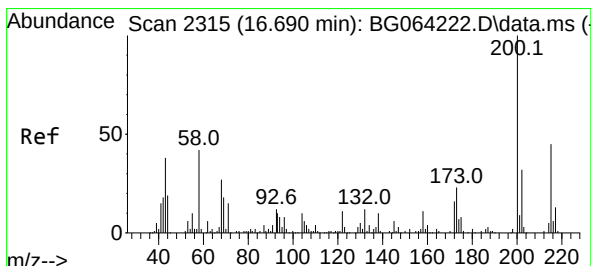
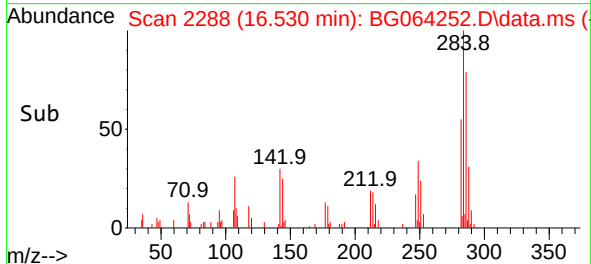
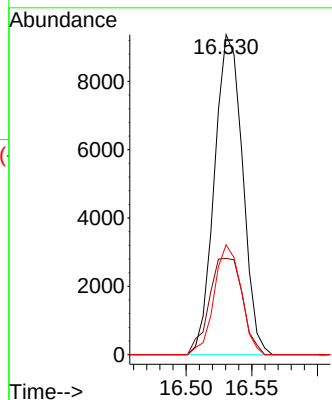
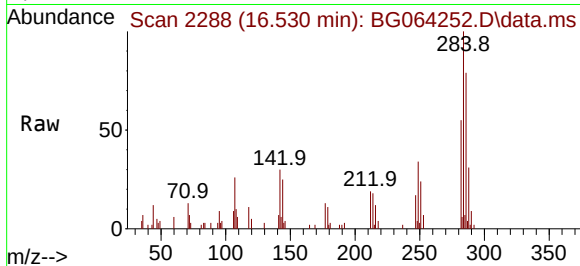




#68
Hexachlorobenzene
Concen: 5.015 ng
RT: 16.530 min Scan# 2114
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

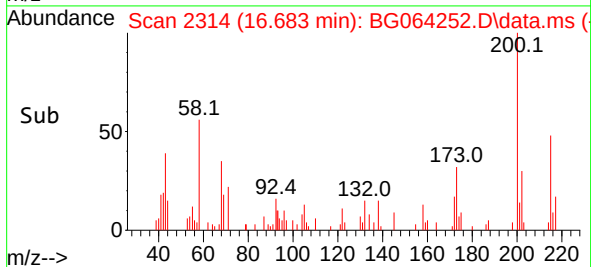
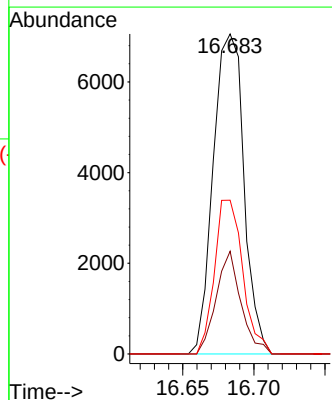
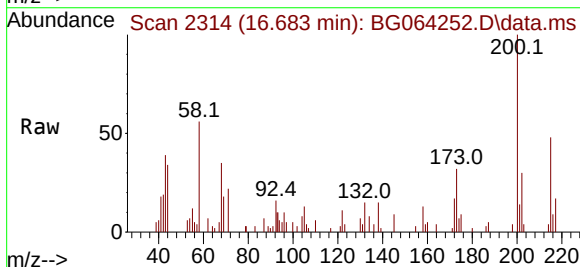
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

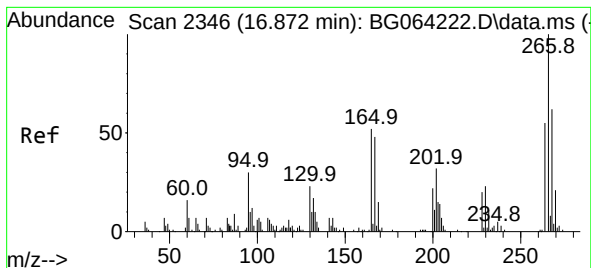
Tgt Ion:284 Resp: 13933
Ion Ratio Lower Upper
284 100
142 30.1 32.1 48.1#
249 34.3 28.3 42.5



#69
Atrazine
Concen: 3.915 ng
RT: 16.683 min Scan# 2314
Delta R.T. -0.013 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:200 Resp: 10593
Ion Ratio Lower Upper
200 100
173 32.1 3.5 43.5
215 48.1 24.8 64.8





#70

Pentachlorophenol

Concen: 3.141 ng

RT: 16.877 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG064252.D

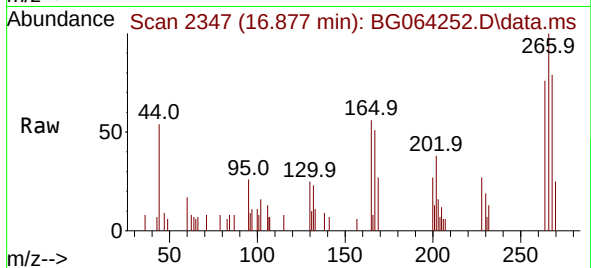
Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025



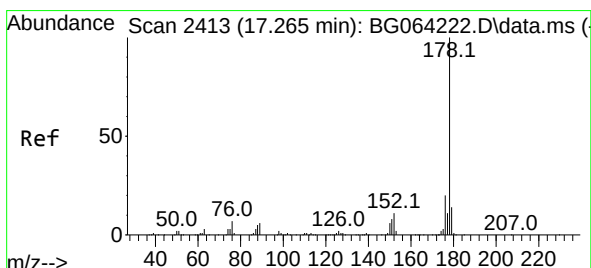
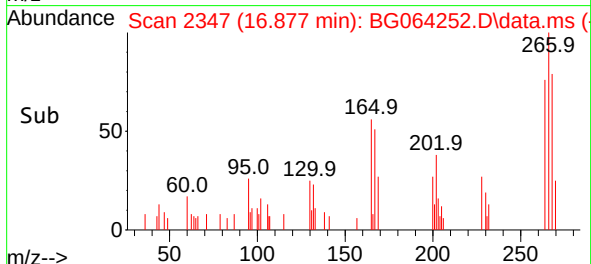
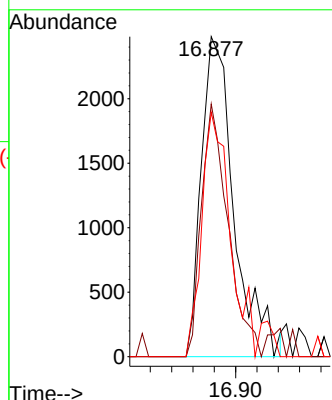
Tgt Ion:266 Resp: 5292

Ion Ratio Lower Upper

266 100

268 79.0 49.4 74.0#

264 76.4 44.3 66.5#



#71

Phenanthrene

Concen: 4.317 ng

RT: 17.265 min Scan# 2413

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

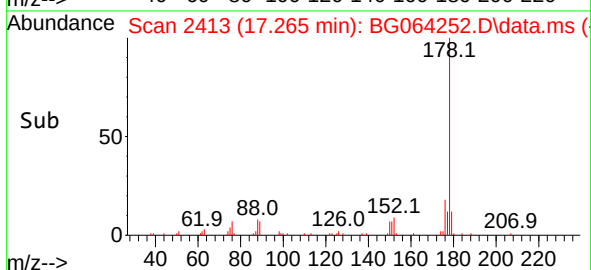
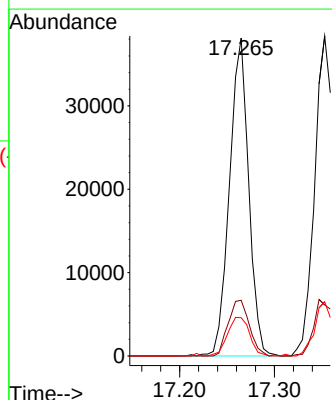
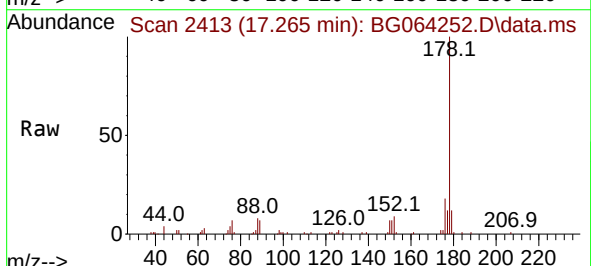
Tgt Ion:178 Resp: 53637

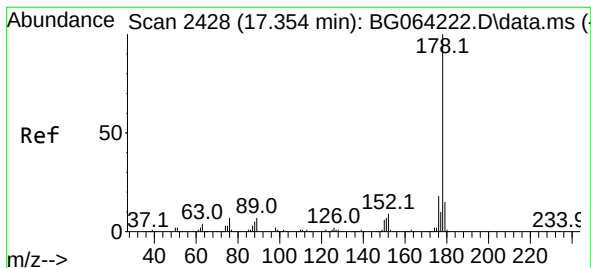
Ion Ratio Lower Upper

178 100

176 17.6 15.9 23.9

179 12.0 11.4 17.2





#72

Anthracene

Concen: 4.442 ng

RT: 17.353 min Scan# 2428

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

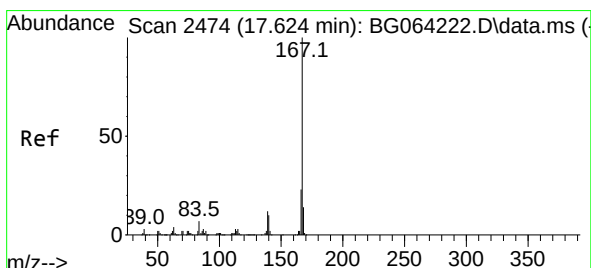
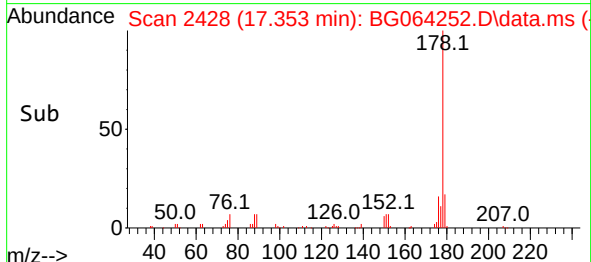
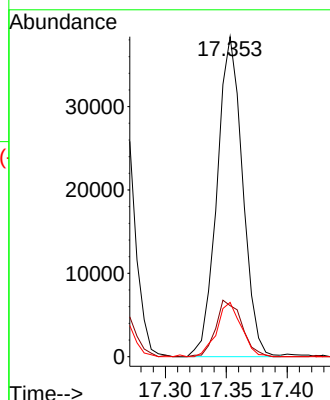
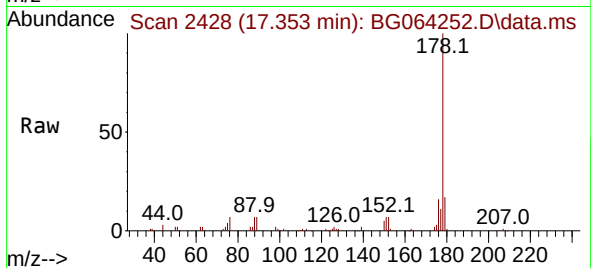
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:178	Resp:	56140
Ion Ratio	Lower	Upper
178	100	
176	16.0	14.7 22.1
179	17.0	12.1 18.1



#73

Carbazole

Concen: 3.936 ng

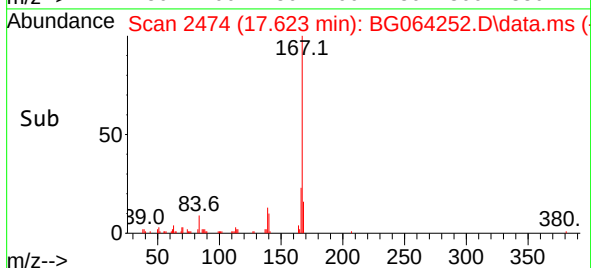
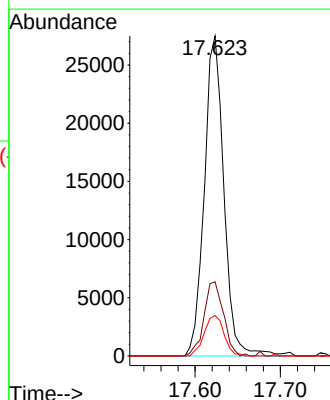
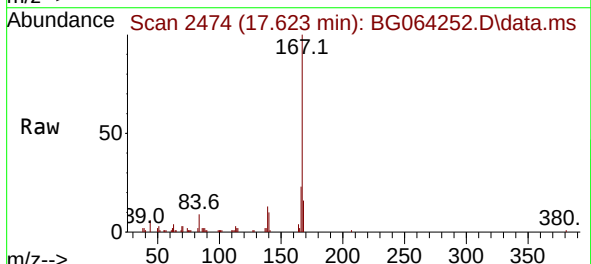
RT: 17.623 min Scan# 2474

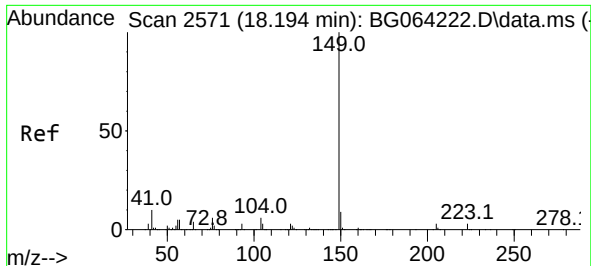
Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Tgt Ion:167	Resp:	43820
Ion Ratio	Lower	Upper
167	100	
166	23.2	18.2 27.2
139	12.6	9.8 14.6

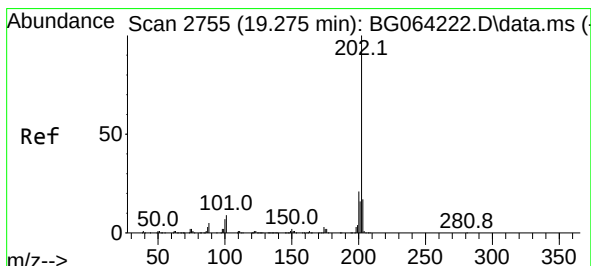
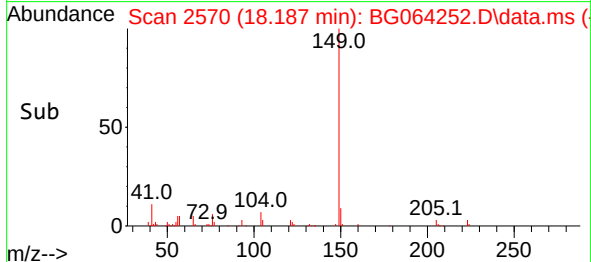
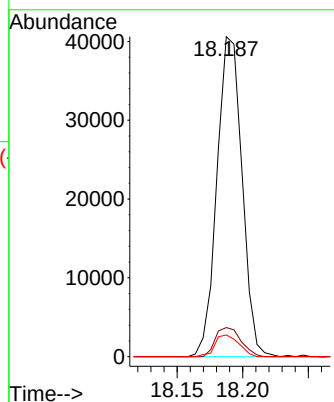
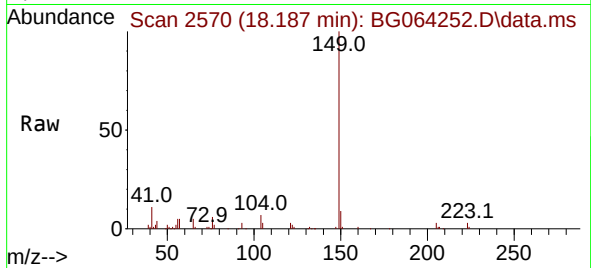




#74
Di-n-butylphthalate
Concen: 4.040 ng
RT: 18.187 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

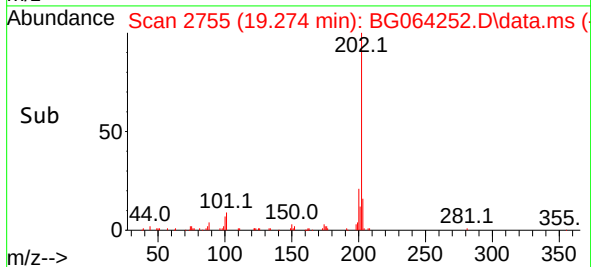
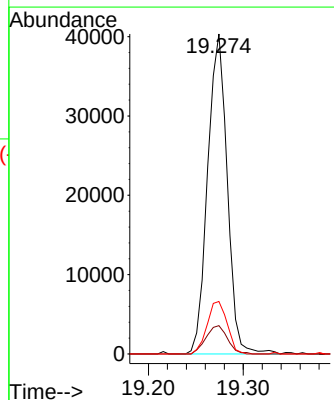
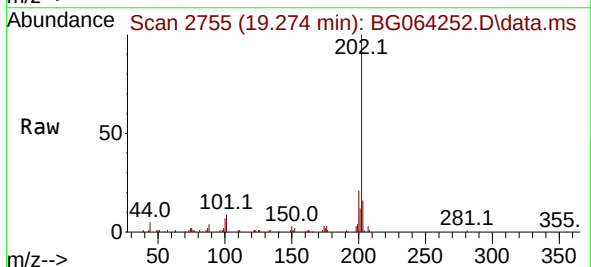
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

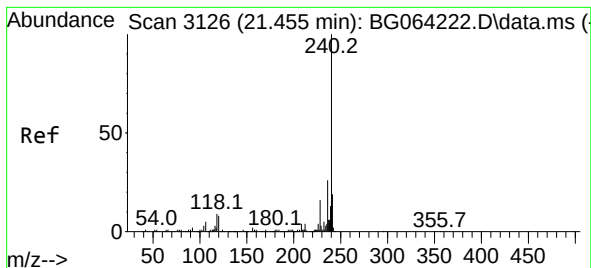
Tgt Ion:149 Resp: 54030
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 6.8 4.6 7.0



#75
Fluoranthene
Concen: 3.967 ng
RT: 19.274 min Scan# 2755
Delta R.T. -0.001 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

Tgt Ion:202 Resp: 57955
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.7
203 16.4 0.0 36.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.448 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

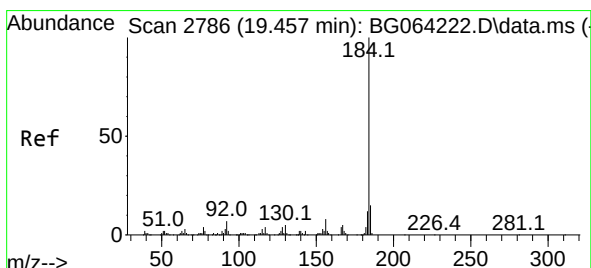
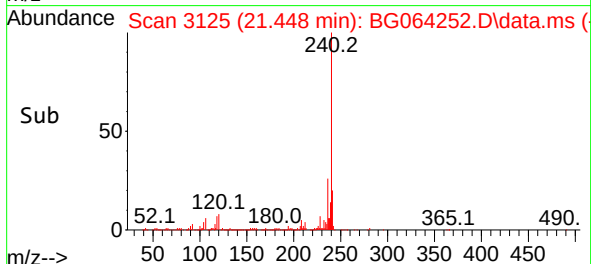
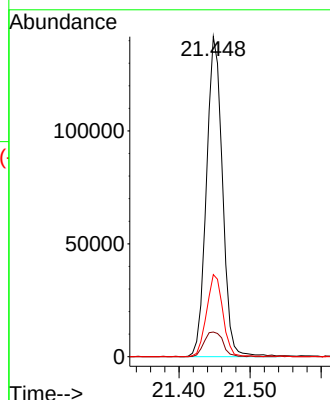
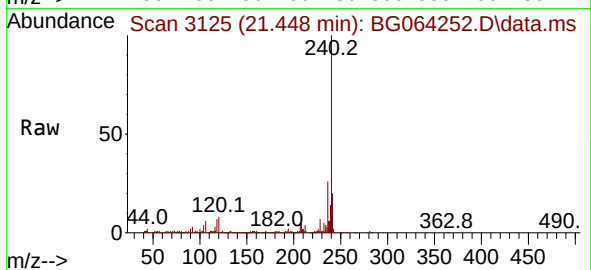
Tgt Ion:240 Resp: 222539

Ion Ratio Lower Upper

240 100

120 7.7 6.2 9.4

236 25.6 20.5 30.7



#77

Benzidine

Concen: 4.245 ng

RT: 19.456 min Scan# 2786

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

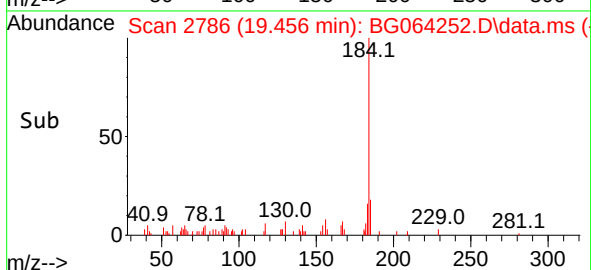
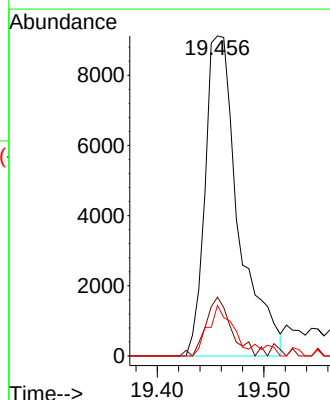
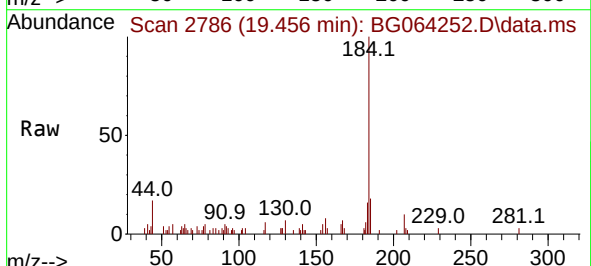
Tgt Ion:184 Resp: 19875

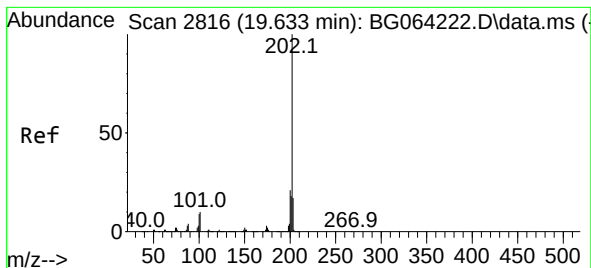
Ion Ratio Lower Upper

184 100

185 18.4 11.7 17.5#

183 15.8 9.7 14.5#





#78

Pyrene

Concen: 4.345 ng

RT: 19.633 min Scan# 2816

Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

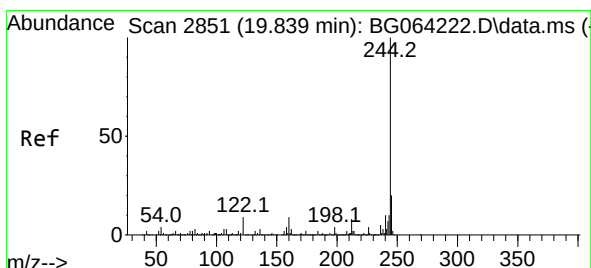
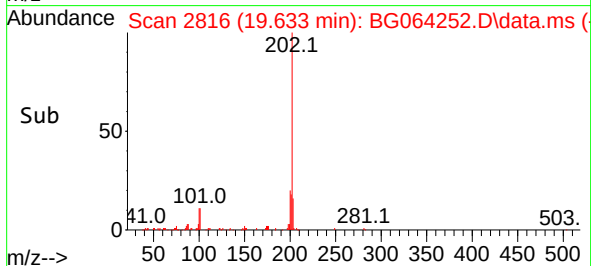
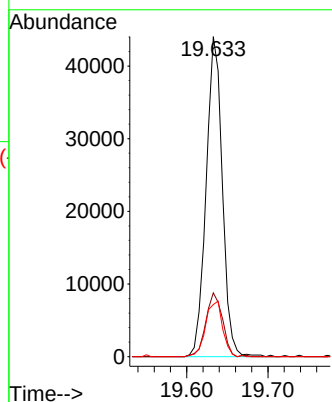
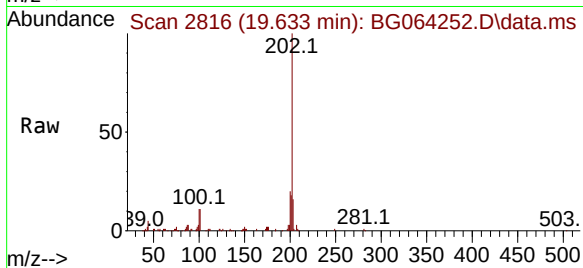
Tgt Ion:202 Resp: 60915

Ion Ratio Lower Upper

202 100

200 20.0 16.9 25.3

203 16.3 13.8 20.8



#79

Terphenyl-d14

Concen: 102.326 ng

RT: 19.844 min Scan# 2852

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

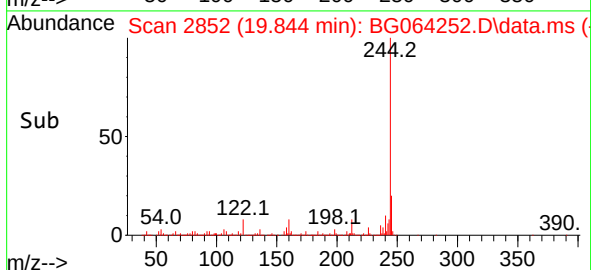
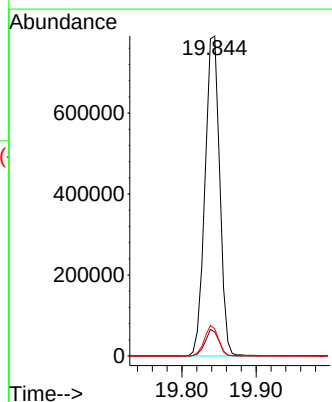
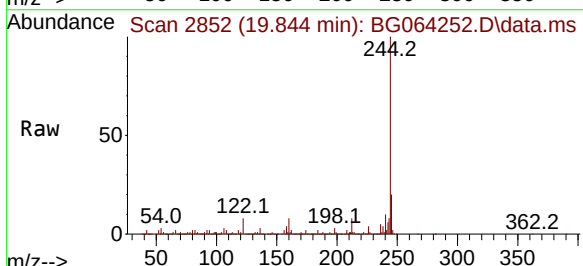
Tgt Ion:244 Resp: 1091458

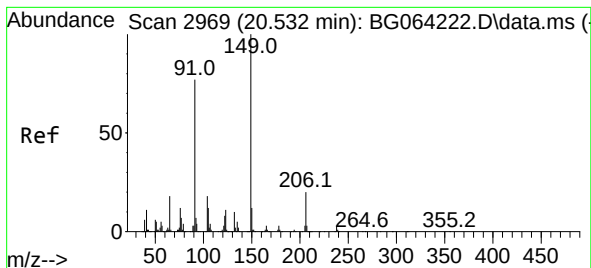
Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

122 8.5 7.0 10.6





#80

Butylbenzylphthalate

Concen: 4.885 ng

RT: 20.532 min Scan# 2969

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

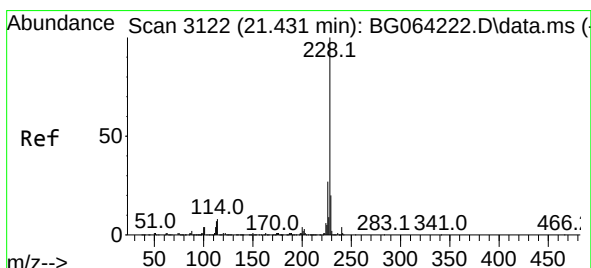
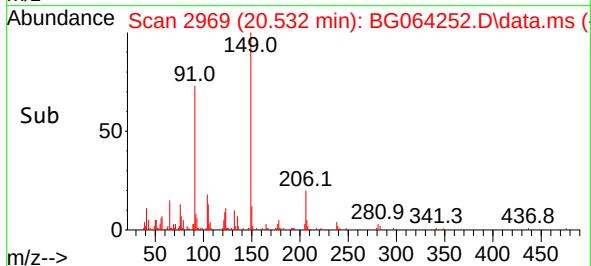
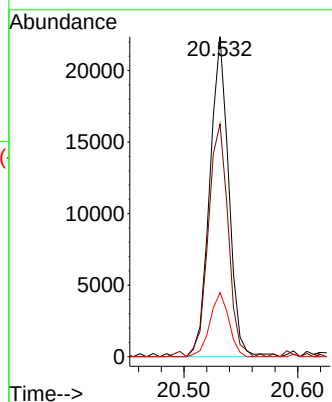
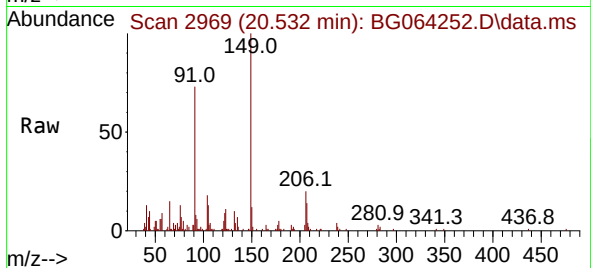
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

Tgt Ion:149	Resp:	25832
Ion Ratio	Lower	Upper
149	100	
91	72.7	61.4 92.0
206	20.0	15.8 23.6



#81

Benzo(a)anthracene

Concen: 4.436 ng

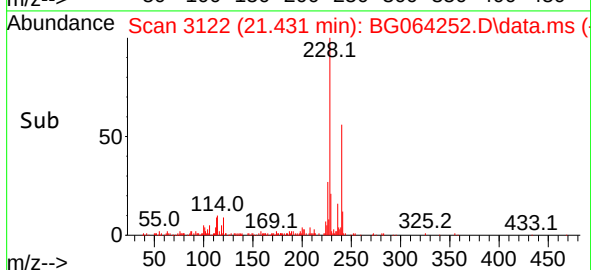
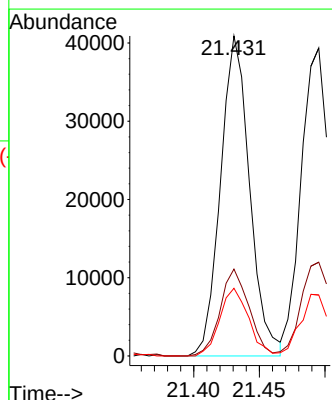
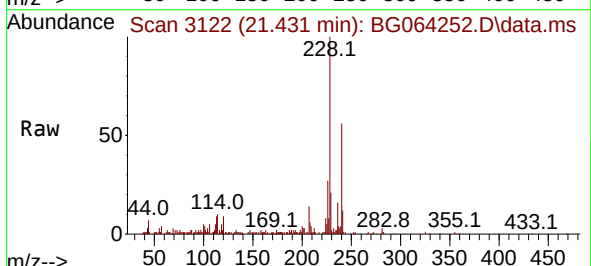
RT: 21.431 min Scan# 3122

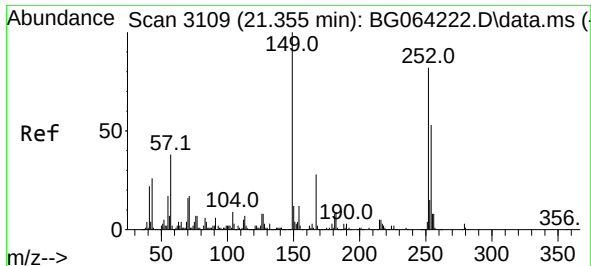
Delta R.T. -0.007 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Tgt Ion:228	Resp:	63161
Ion Ratio	Lower	Upper
228	100	
226	27.2	21.7 32.5
229	21.2	15.9 23.9

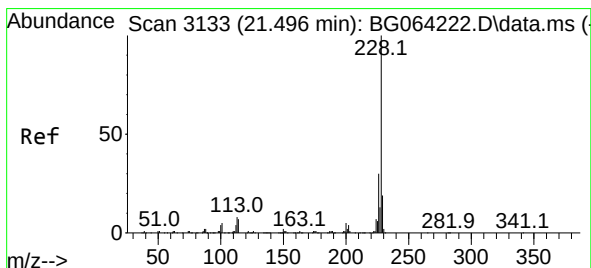
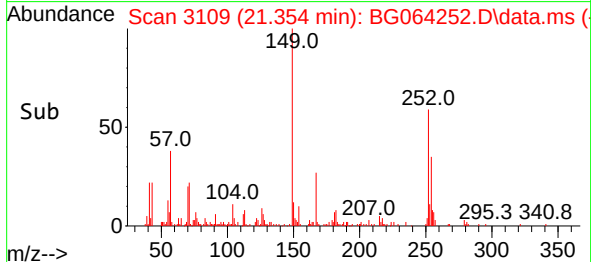
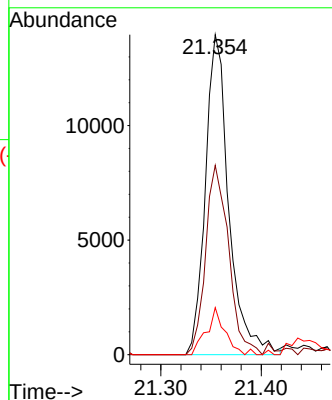
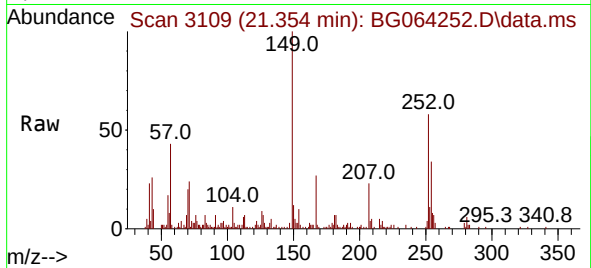




#82
 3,3'-Dichlorobenzidine
 Concen: 4.900 ng
 RT: 21.354 min Scan# 3109
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

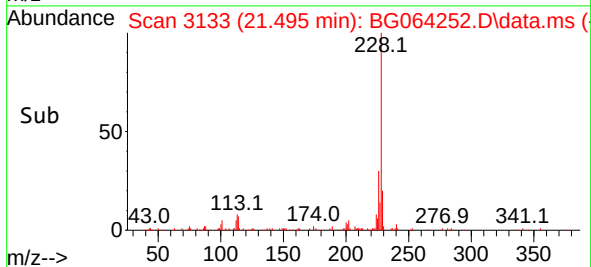
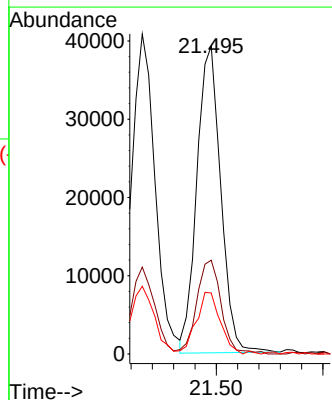
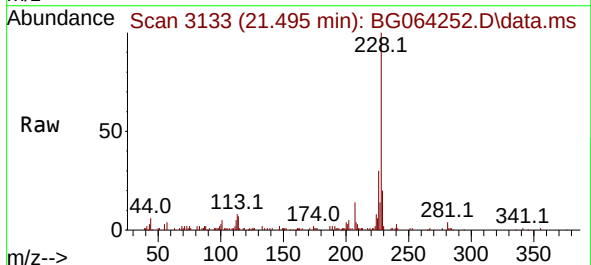
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

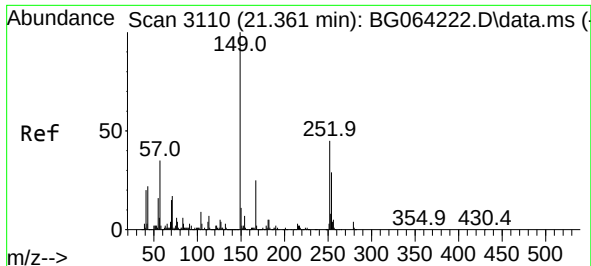
Tgt Ion:252 Resp: 22722
 Ion Ratio Lower Upper
 252 100
 254 59.2 51.9 77.9
 126 14.7 7.6 11.4#



#83
 Chrysene
 Concen: 4.477 ng
 RT: 21.495 min Scan# 3133
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Tgt Ion:228 Resp: 61194
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 19.8 15.4 23.2

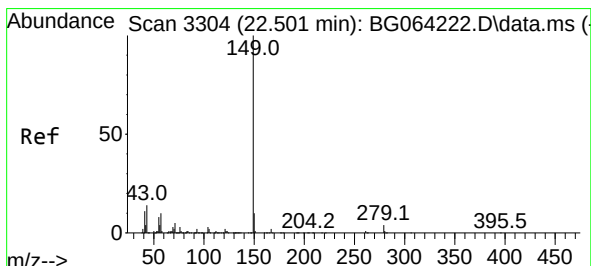
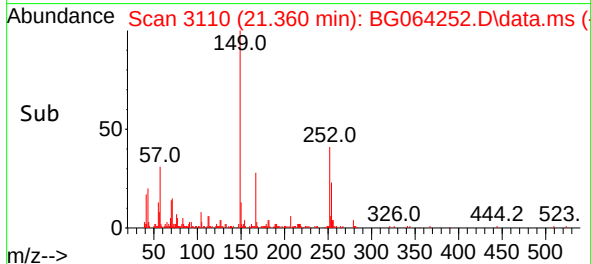
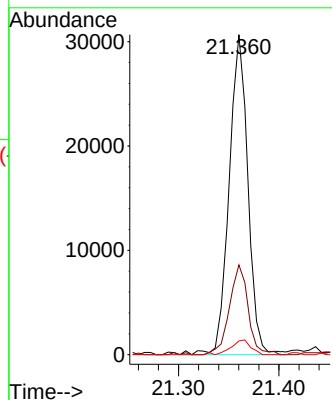
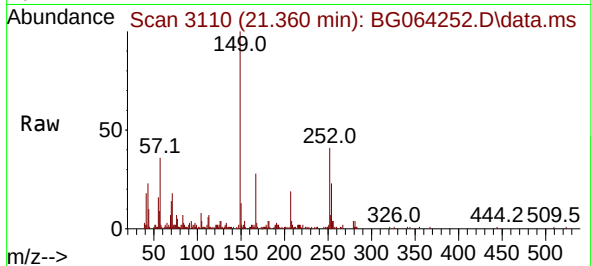




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.011 ng
 RT: 21.360 min Scan# 3110
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

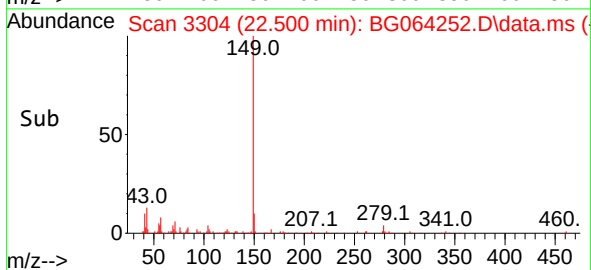
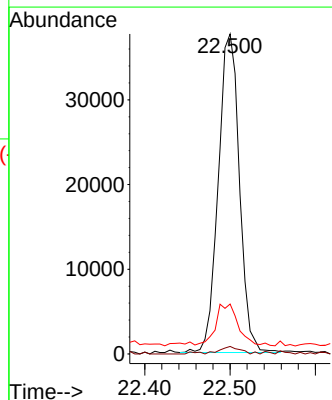
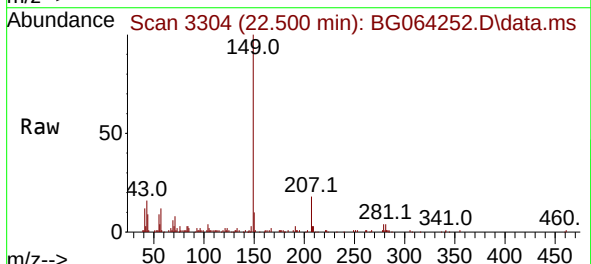
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

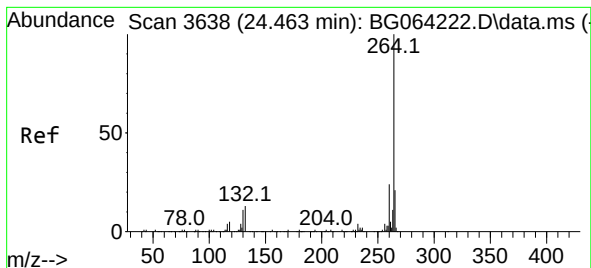
Tgt Ion:149 Resp: 39781
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.0 30.0
 279 4.3 3.0 4.4



#85
 Di-n-octyl phthalate
 Concen: 4.683 ng
 RT: 22.500 min Scan# 3304
 Delta R.T. -0.007 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Tgt Ion:149 Resp: 64788
 Ion Ratio Lower Upper
 149 100
 167 2.2 1.3 1.9#
 43 14.3 10.8 16.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3

Delta R.T. -0.001 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

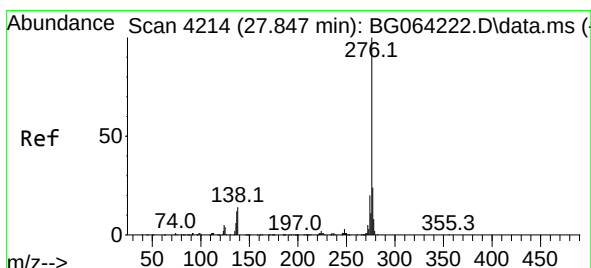
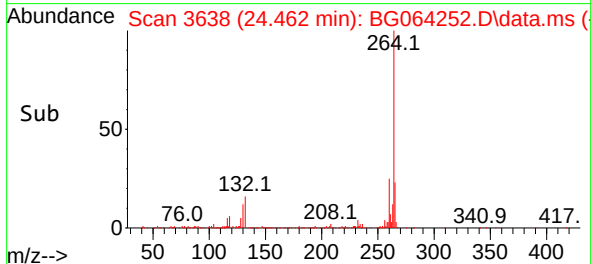
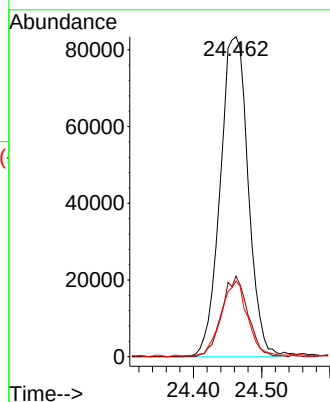
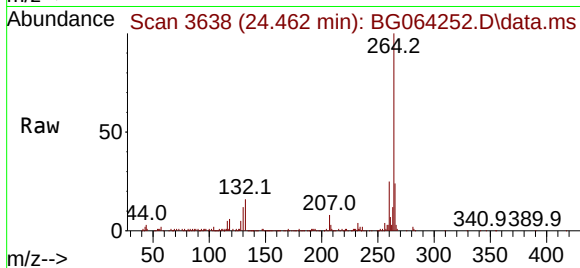
Tgt Ion:264 Resp: 237940

Ion Ratio Lower Upper

264 100

260 25.1 18.9 28.3

265 23.6 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.473 ng

RT: 27.847 min Scan# 4214

Delta R.T. -0.024 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

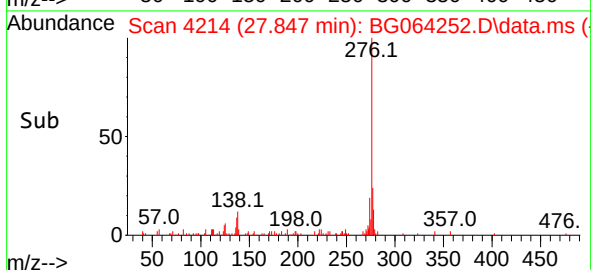
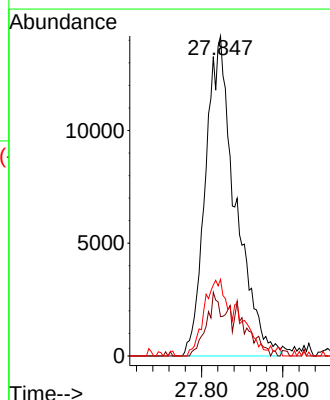
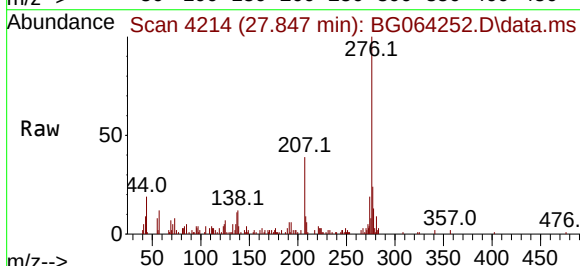
Tgt Ion:276 Resp: 72676

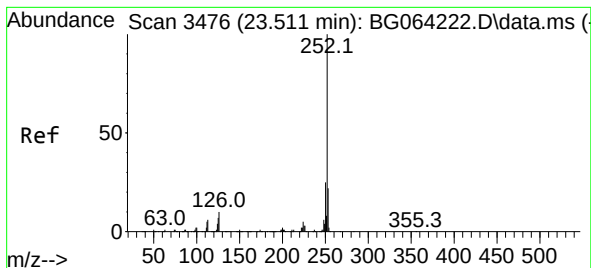
Ion Ratio Lower Upper

276 100

138 9.5 7.4 11.0

277 18.6 20.5 30.7#





#88

Benzo(b)fluoranthene

Concen: 4.426 ng

RT: 23.563 min Scan# 34

Delta R.T. 0.046 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-03-QT2-2025

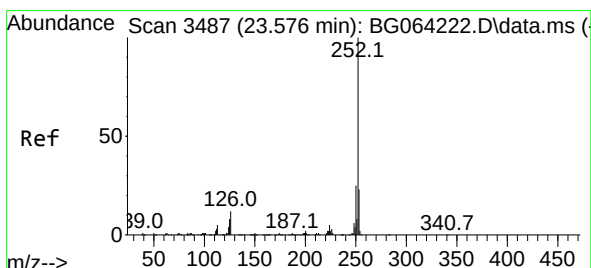
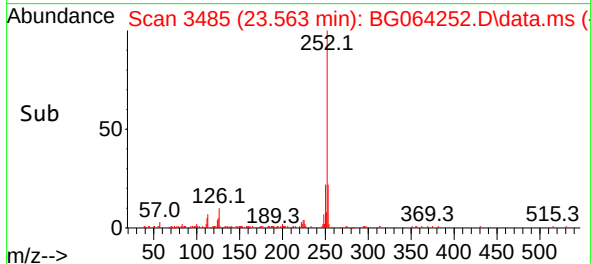
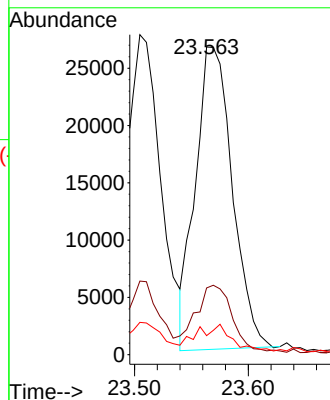
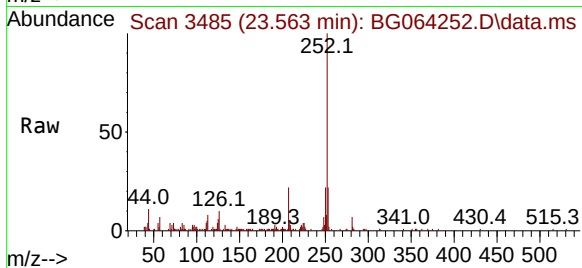
Tgt Ion:252 Resp: 59439

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 6.2 5.9 8.9



#89

Benzo(k)fluoranthene

Concen: 4.581 ng

RT: 23.505 min Scan# 3475

Delta R.T. -0.083 min

Lab File: BG064252.D

Acq: 3 Sep 2025 13:42

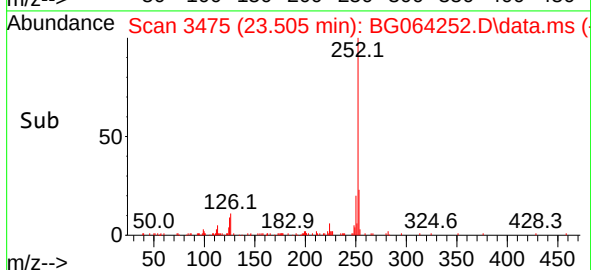
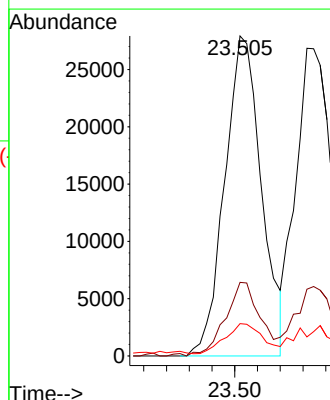
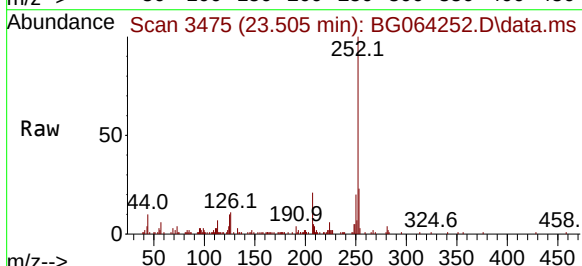
Tgt Ion:252 Resp: 62673

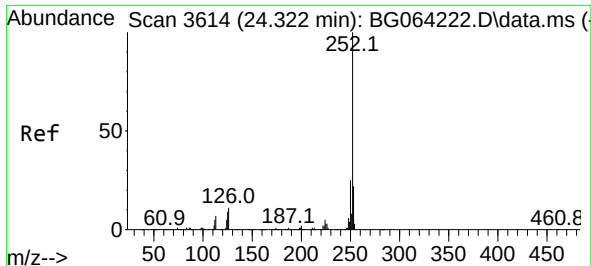
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 10.1 7.0 10.4

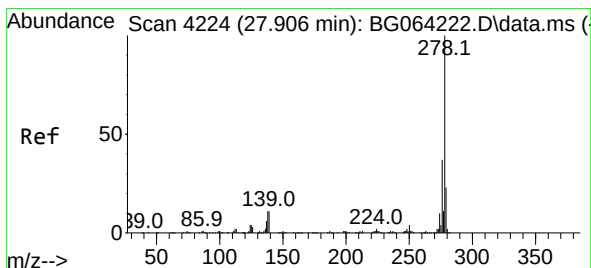
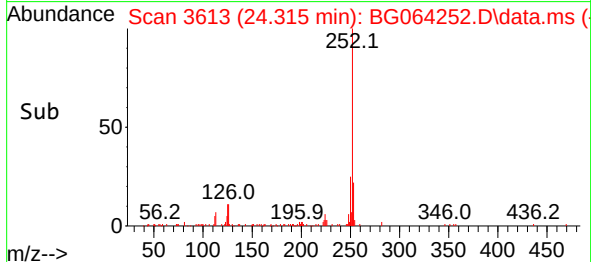
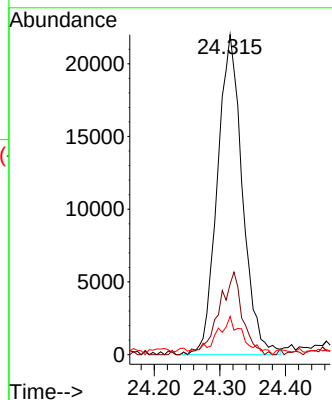
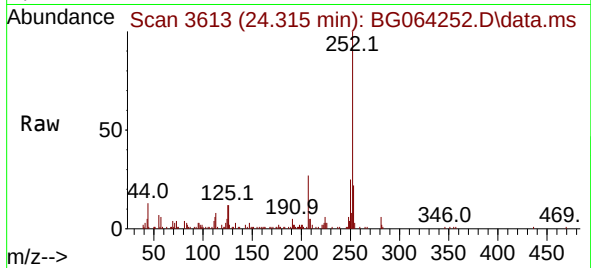




#90
Benzo(a)pyrene
Concen: 4.659 ng
RT: 24.315 min Scan# 30
Delta R.T. -0.013 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

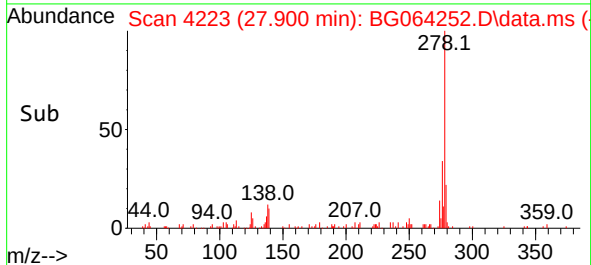
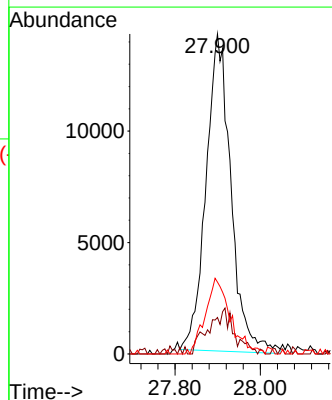
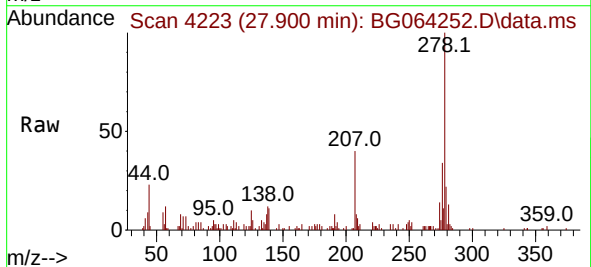
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-03-QT2-2025

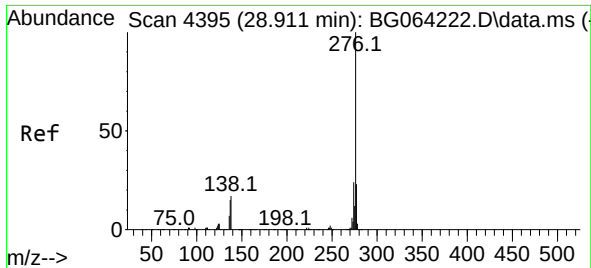
Tgt Ion:252 Resp: 58197
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.9 7.0 10.6#



#91
Dibenzo(a,h)anthracene
Concen: 4.432 ng
RT: 27.900 min Scan# 4223
Delta R.T. -0.024 min
Lab File: BG064252.D
Acq: 3 Sep 2025 13:42

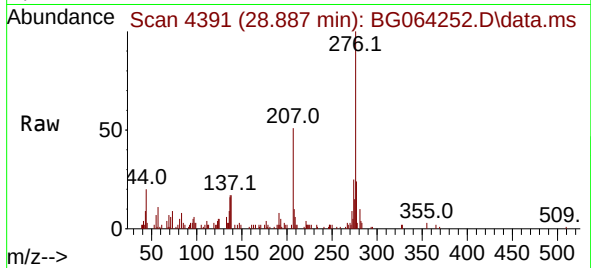
Tgt Ion:278 Resp: 57819
Ion Ratio Lower Upper
278 100
139 11.4 9.0 13.4
279 22.5 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.632 ng
 RT: 28.887 min Scan# 41
 Delta R.T. -0.048 min
 Lab File: BG064252.D
 Acq: 3 Sep 2025 13:42

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025



Tgt Ion:	276	Resp:	58802
Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.2	27.4
138	16.8	13.3	19.9

