

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064819.D
 Acq On : 19 Nov 2025 17:23
 Operator : RC/JU
 Sample : Q3530-01
 Misc : LOD-SOIL-4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 19 18:07:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	38728	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	154940	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	131512	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	328004	20.000	ng	0.00
76) Chrysene-d12	21.748	240	415512	20.000	ng	0.00
86) Perylene-d12	25.003	264	410017	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	257895	116.283	ng	0.00
7) Phenol-d6	7.306	99	350894	118.955	ng	0.00
23) Nitrobenzene-d5	9.322	82	267409	85.333	ng	0.00
42) 2,4,6-Tribromophenol	16.249	330	299260	116.676	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	794399	84.286	ng	0.00
79) Terphenyl-d14	20.085	244	1968405	93.187	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.528	88	3569	4.157	ng	98
3) Pyridine	3.945	79	9611	3.757	ng	# 85
4) n-Nitrosodimethylamine	3.846	42	4504	3.459	ng	# 91
6) Aniline	7.477	93	15916	4.048	ng	89
8) 2-Chlorophenol	7.723	128	9981	4.099	ng	95
9) Benzaldehyde	7.289	77	9267	4.799	ng	99
10) Phenol	7.330	94	12182	3.796	ng	83
11) bis(2-Chloroethyl)ether	7.565	93	8777	3.843	ng	96
12) 1,3-Dichlorobenzene	8.052	146	11253	4.016	ng	94
13) 1,4-Dichlorobenzene	8.052	146	11253	3.944	ng	94
14) 1,2-Dichlorobenzene	8.517	146	11354	4.104	ng	88
15) Benzyl Alcohol	8.393	79	7792	3.218	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	19064	3.527	ng	94
17) 2-Methylphenol	8.599	107	8404	3.701	ng	# 92
18) Hexachloroethane	9.257	117	3994	3.696	ng	93
19) n-Nitroso-di-n-propyla...	8.957	70	7796	3.909	ng	# 87
20) 3+4-Methylphenols	8.928	107	11341	3.645	ng	91
22) Acetophenone	8.981	105	16049	3.802	ng	# 96
24) Nitrobenzene	9.363	77	12754	4.028	ng	# 82
25) Isophorone	9.891	82	20836	3.492	ng	98
26) 2-Nitrophenol	10.085	139	5337	3.747	ng	95
27) 2,4-Dimethylphenol	10.132	122	9648	3.813	ng	83
28) bis(2-Chloroethoxy)met...	10.367	93	12945	3.951	ng	95
29) 2,4-Dichlorophenol	10.626	162	9602	3.535	ng	95
30) 1,2,4-Trichlorobenzene	10.837	180	12802	3.903	ng	93
31) Naphthalene	11.031	128	34587	3.938	ng	97
32) Benzoic acid	10.226	122	467	6.111	ng	# 50
33) 4-Chloroaniline	11.131	127	12865	3.662	ng	94
34) Hexachlorobutadiene	11.319	225	10525	3.740	ng	90
35) Caprolactam	11.866	113	2311	2.844	ng	# 53
36) 4-Chloro-3-methylphenol	12.236	107	10750	3.555	ng	94
37) 2-Methylnaphthalene	12.624	142	23239	3.536	ng	97
38) 1-Methylnaphthalene	12.841	142	25225	3.864	ng	95
40) 1,2,4,5-Tetrachloroben...	12.982	216	19580	3.826	ng	# 96
41) Hexachlorocyclopentadiene	12.970	237	8767	2.390	ng	88
43) 2,4,6-Trichlorophenol	13.217	196	10060	3.349	ng	92

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 ALS Vial : 10 Sample Multiplier: 1

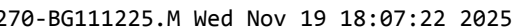
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

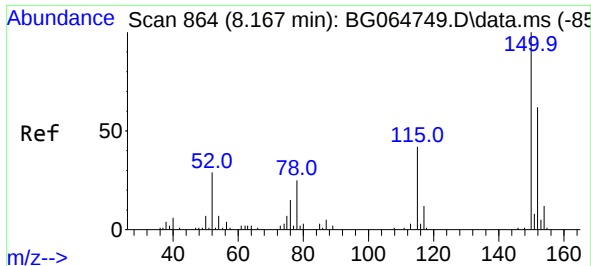
Quant Time: Nov 19 18:07:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	13172	3.910	ng	# 88
46) 1,1'-Biphenyl	13.611	154	37426	3.962	ng	98
47) 2-Chloronaphthalene	13.658	162	28182	3.787	ng	96
48) 2-Nitroaniline	13.846	65	8077	3.375	ng	96
49) Acenaphthylene	14.498	152	47024	3.699	ng	97
50) Dimethylphthalate	14.216	163	40143	3.864	ng	# 98
51) 2,6-Dinitrotoluene	14.333	165	7353	3.678	ng	# 83
52) Acenaphthene	14.833	154	27932	3.664	ng	95
53) 3-Nitroaniline	14.662	138	6387	3.237	ng	91
54) 2,4-Dinitrophenol	14.874	184	381	8.832	ng	# 54
55) Dibenzofuran	15.168	168	48926	3.882	ng	96
56) 4-Nitrophenol	14.962	139	3280	2.095	ng	# 74
57) 2,4-Dinitrotoluene	15.115	165	10458	3.490	ng	# 84
58) Fluorene	15.808	166	38484	3.894	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.385	232	12713	3.825	ng	# 96
60) Diethylphthalate	15.567	149	36889	3.707	ng	97
61) 4-Chlorophenyl-phenyle...	15.802	204	22170	3.738	ng	96
62) 4-Nitroaniline	15.808	138	6345	3.104	ng	# 83
63) Azobenzene	16.090	77	31852	3.848	ng	95
65) 4,6-Dinitro-2-methylph...	15.879	198	3669	2.015	ng	92
66) n-Nitrosodiphenylamine	16.008	169	33442	3.892	ng	95
67) 4-Bromophenyl-phenylether	16.689	248	16006	3.716	ng	91
68) Hexachlorobenzene	16.813	284	19222	3.683	ng	# 89
69) Atrazine	16.942	200	14430	3.484	ng	99
70) Pentachlorophenol	17.159	266	5752	7.862	ng	90
71) Phenanthrene	17.541	178	70369	3.921	ng	99
72) Anthracene	17.635	178	69046	3.773	ng	99
73) Carbazole	17.894	167	61179	3.889	ng	99
74) Di-n-butylphthalate	18.446	149	70569	4.021	ng	99
75) Fluoranthene	19.533	202	92784	3.781	ng	95
77) Benzidine	19.703	184	49108	3.946	ng	97
78) Pyrene	19.891	202	99066	4.254	ng	99
80) Butylbenzylphthalate	20.761	149	33116	4.043	ng	93
81) Benzo(a)anthracene	21.731	228	111132	3.933	ng	99
82) 3,3'-Dichlorobenzidine	21.637	252	38905	3.741	ng	98
83) Chrysene	21.795	228	106086	3.983	ng	96
84) Bis(2-ethylhexyl)phtha...	21.631	149	50132	4.188	ng	98
85) Di-n-octyl phthalate	22.847	149	82801	4.002	ng	# 99
87) Indeno(1,2,3-cd)pyrene	28.716	276	100044	3.551	ng	# 76
88) Benzo(b)fluoranthene	23.963	252	95765	3.670	ng	# 96
89) Benzo(k)fluoranthene	24.034	252	106114	4.048	ng	# 99
90) Benzo(a)pyrene	24.845	252	95596	3.950	ng	# 92
91) Dibenzo(a,h)anthracene	28.775	278	80328	3.481	ng	# 92
92) Benzo(g,h,i)perylene	29.880	276	81253	3.658	ng	# 95

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

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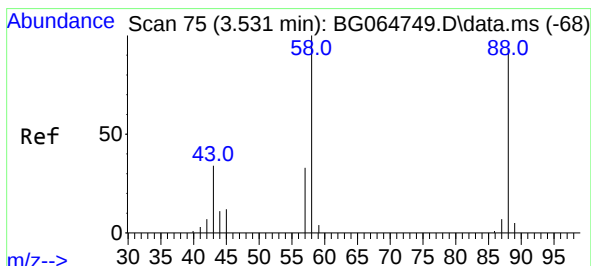
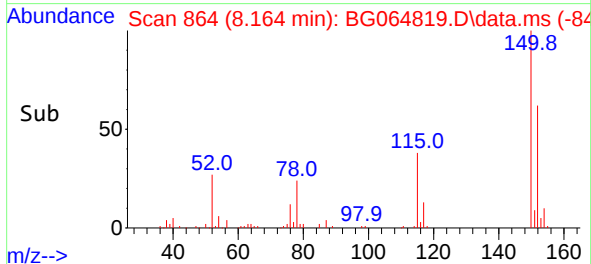
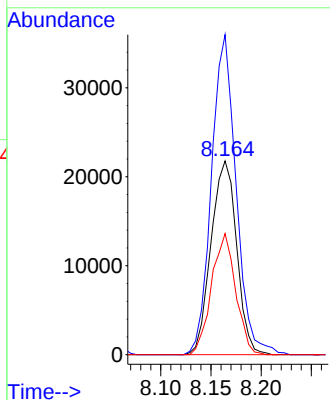
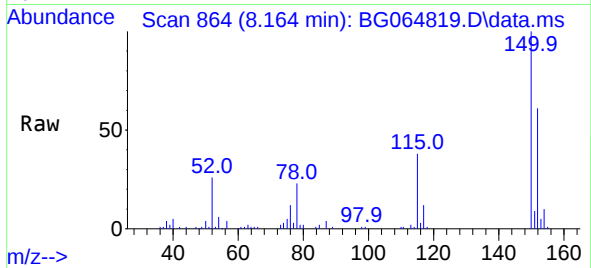




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

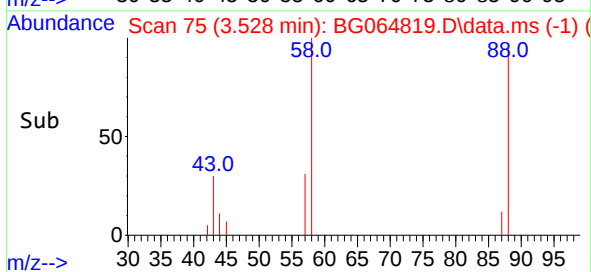
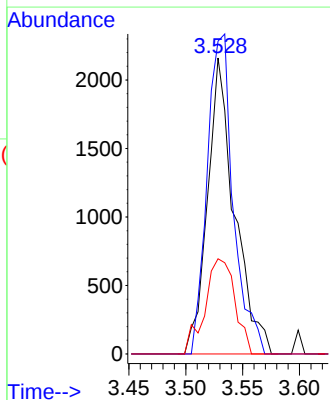
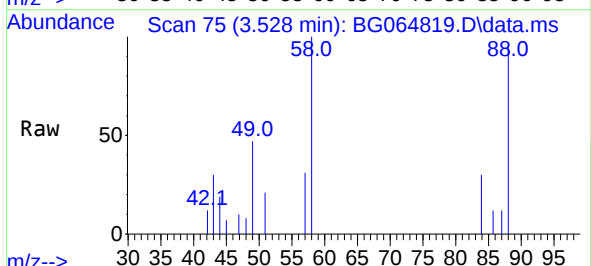
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

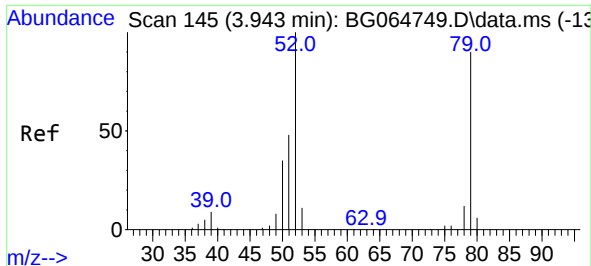
Tgt Ion:152 Resp: 38728
Ion Ratio Lower Upper
152 100
150 165.2 129.2 193.8
115 62.5 53.7 80.5



#2
1,4-Dioxane
Concen: 4.157 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion: 88 Resp: 3569
Ion Ratio Lower Upper
88 100
58 104.5 84.6 126.8
43 35.6 30.0 45.0





#3

Pyridine

Concen: 3.757 ng

RT: 3.945 min Scan# 145

Delta R.T. 0.003 min

Lab File: BG064819.D

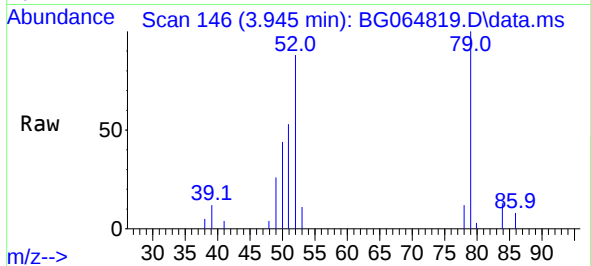
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



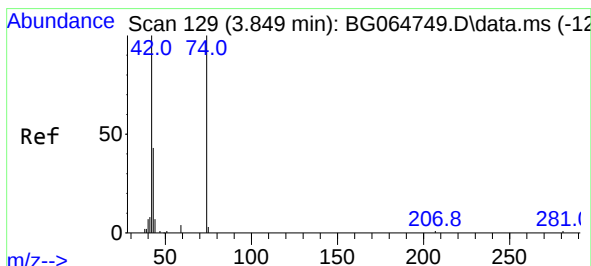
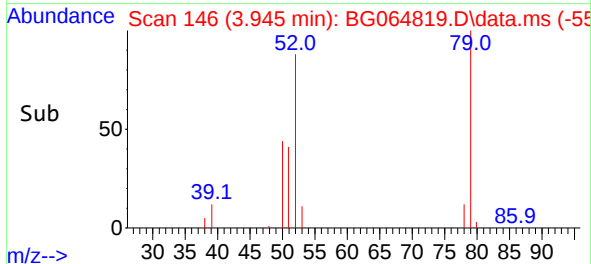
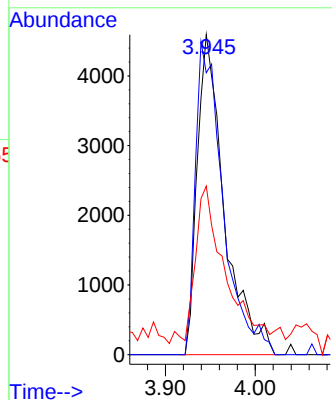
Tgt Ion: 79 Resp: 9611

Ion Ratio Lower Upper

79 100

52 88.1 89.0 133.4#

51 52.7 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 3.459 ng

RT: 3.846 min Scan# 129

Delta R.T. -0.003 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

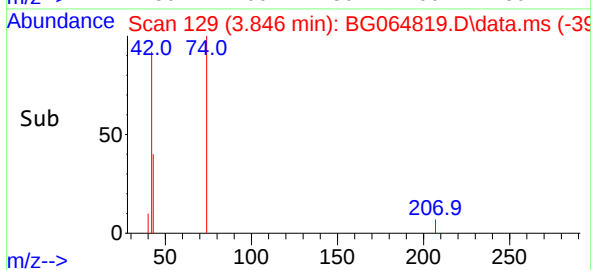
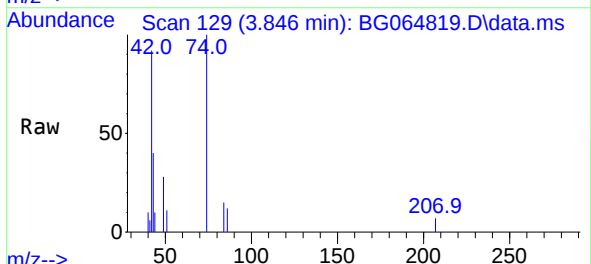
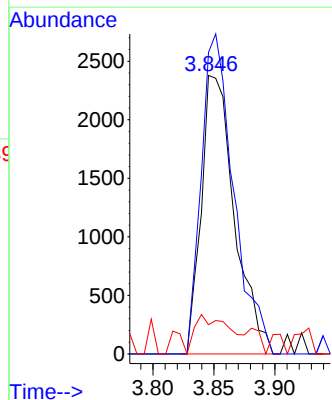
Tgt Ion: 42 Resp: 4504

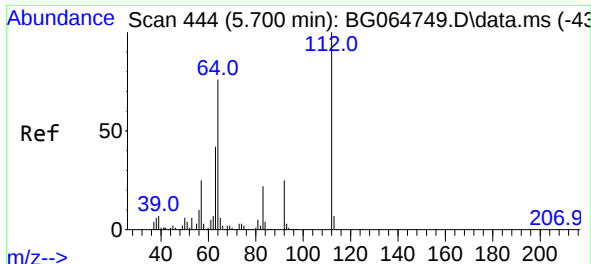
Ion Ratio Lower Upper

42 100

74 108.3 79.8 119.6

44 10.5 5.9 8.9#

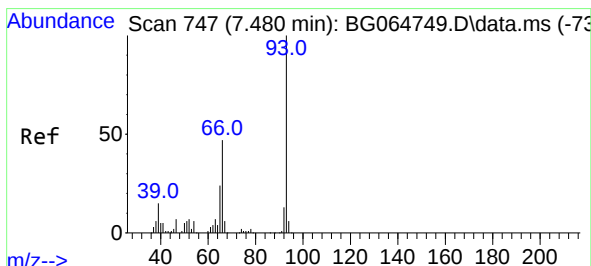
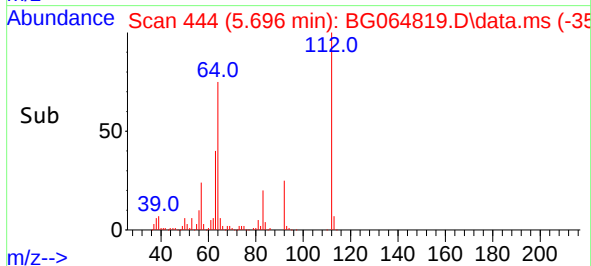
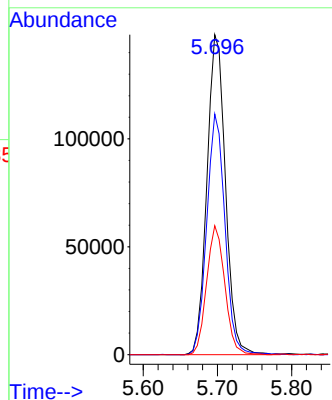
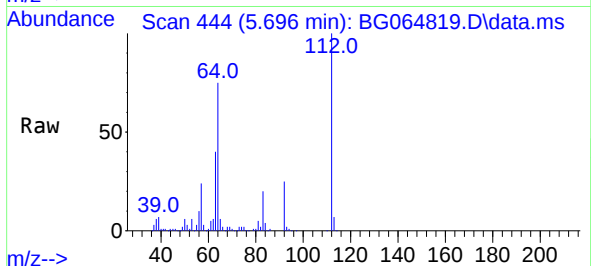




#5
2-Fluorophenol
Concen: 116.283 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

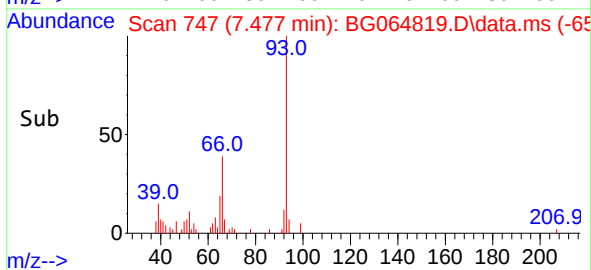
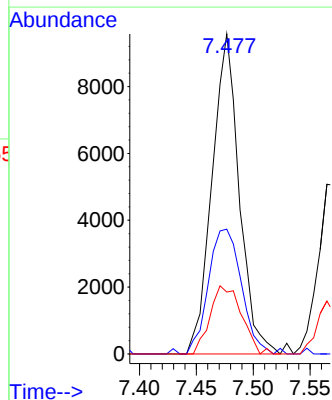
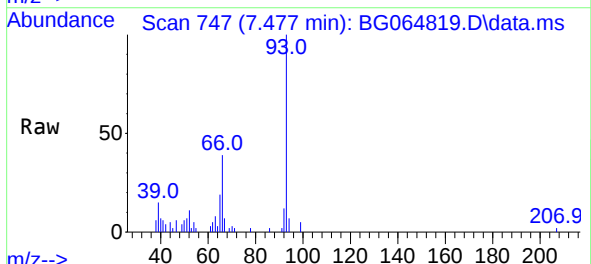
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

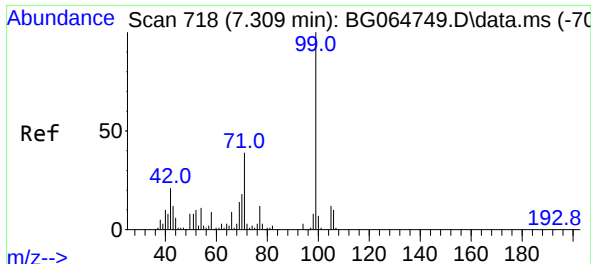
Tgt Ion:	112	Resp:	257895
Ion	Ratio	Lower	Upper
112	100		
64	75.2	61.0	91.4
63	40.3	33.3	49.9



#6
Aniline
Concen: 4.048 ng
RT: 7.477 min Scan# 747
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:	93	Resp:	15916
Ion	Ratio	Lower	Upper
93	100		
66	39.0	37.7	56.5
65	19.3	19.1	28.7



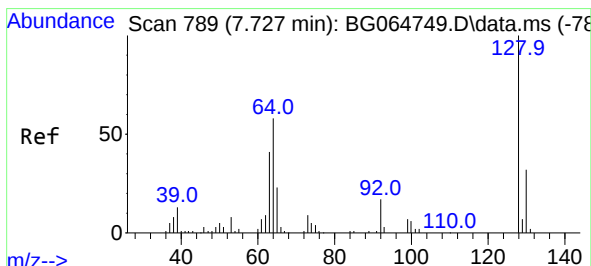
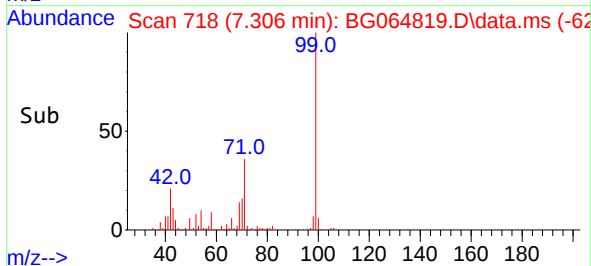
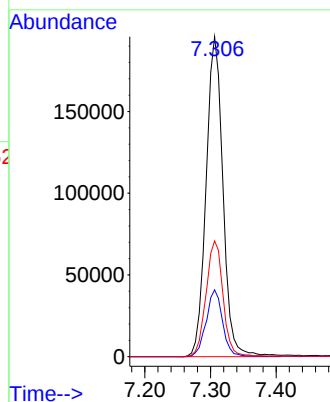
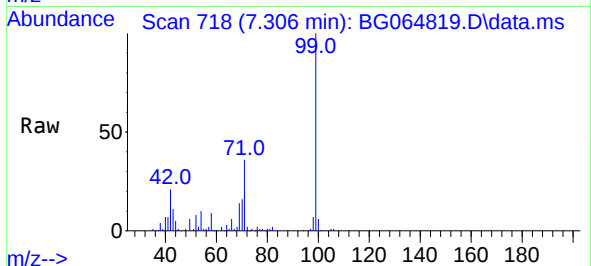


#7
Phenol-d6
Concen: 118.955 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 99 Resp: 350894

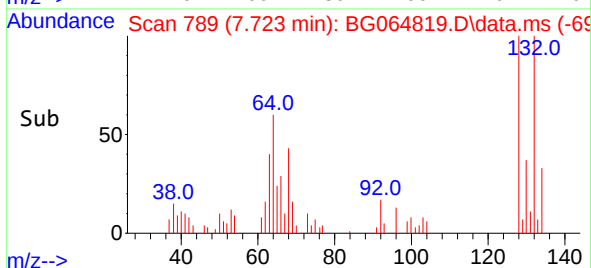
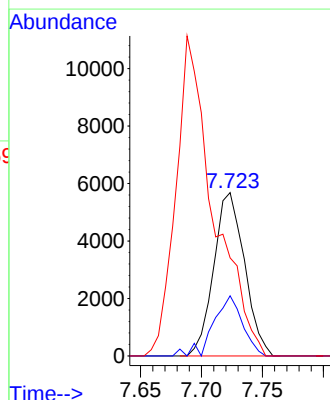
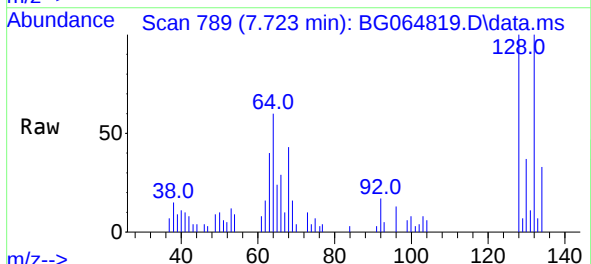
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.8	25.2
71	36.2	31.1	46.7

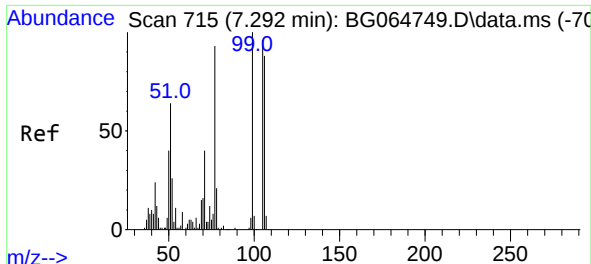


#8
2-Chlorophenol
Concen: 4.099 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion: 128 Resp: 9981

Ion	Ratio	Lower	Upper
128	100		
130	36.8	11.9	51.9
64	60.1	38.4	78.4



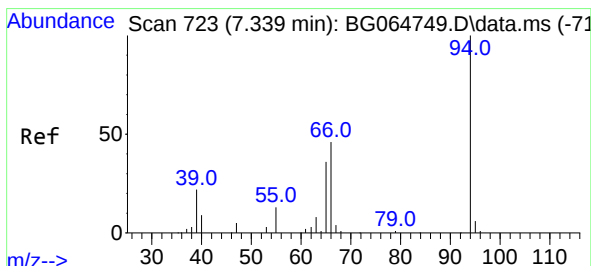
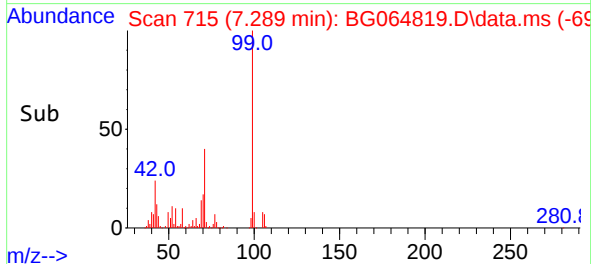
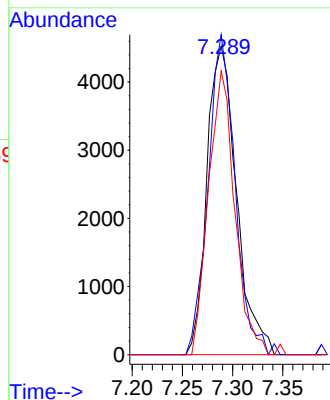
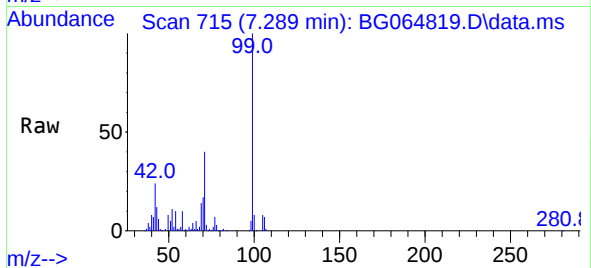


#9
Benzaldehyde
Concen: 4.799 ng
RT: 7.289 min Scan# 715
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 77 Resp: 9267

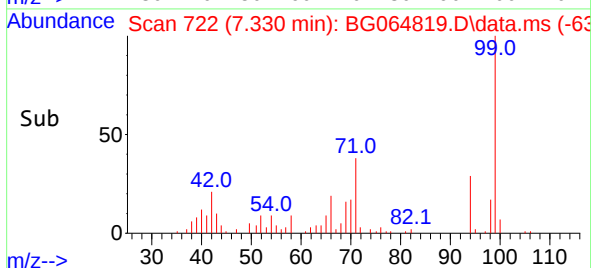
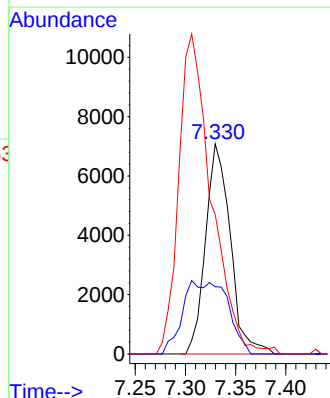
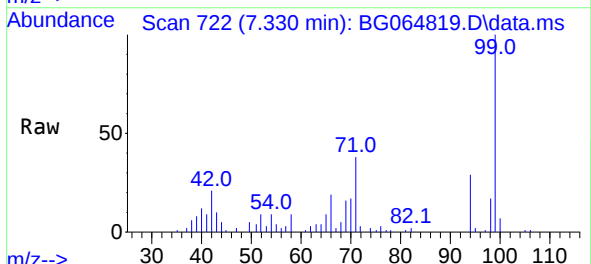
Ion	Ratio	Lower	Upper
77	100		
105	103.7	83.8	123.8
106	91.9	74.3	114.3

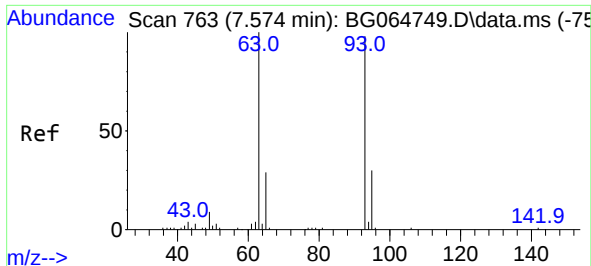


#10
Phenol
Concen: 3.796 ng
RT: 7.330 min Scan# 722
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion: 94 Resp: 12182

Ion	Ratio	Lower	Upper
94	100		
65	32.0	17.0	57.0
66	66.3	29.8	69.8

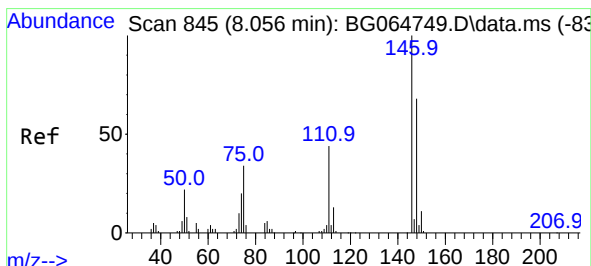
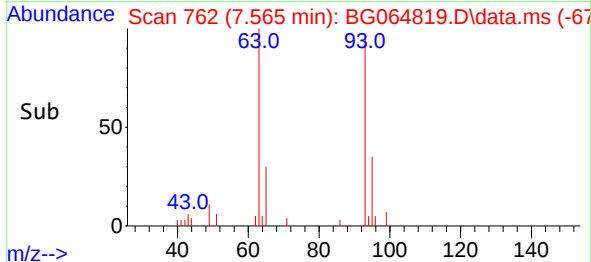
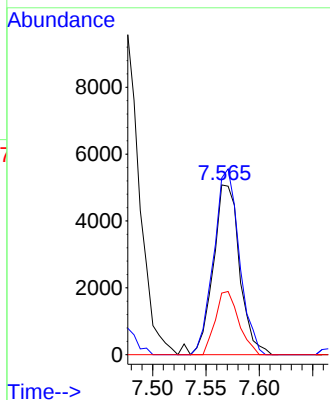
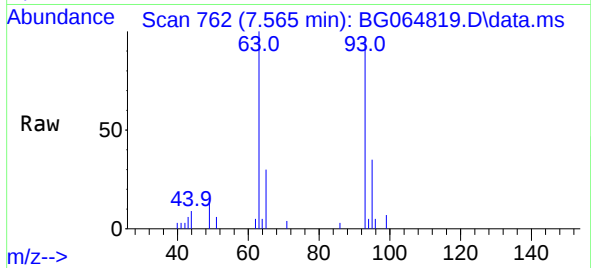




#11
bis(2-Chloroethyl)ether
Concen: 3.843 ng
RT: 7.565 min Scan# 763
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

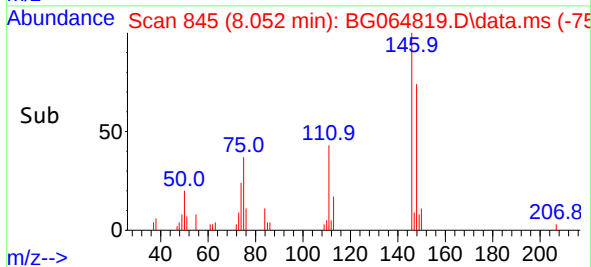
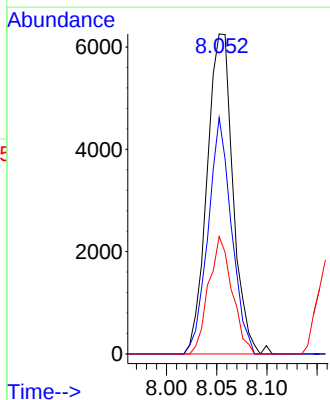
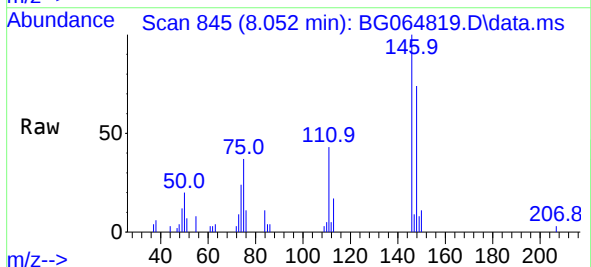
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

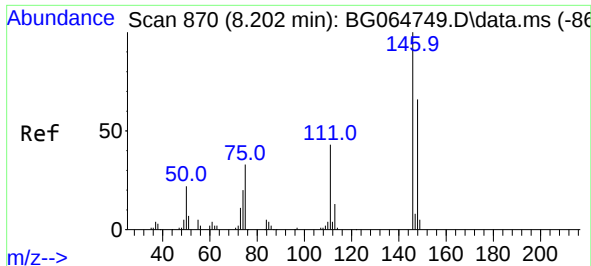
Tgt Ion: 93 Resp: 8777
Ion Ratio Lower Upper
93 100
63 104.0 81.8 121.8
95 36.3 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 4.016 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:146 Resp: 11253
Ion Ratio Lower Upper
146 100
148 73.9 54.6 82.0
75 36.7 27.6 41.4

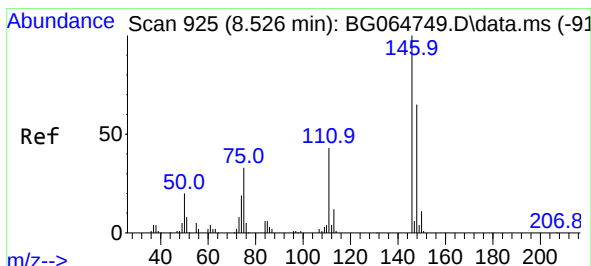
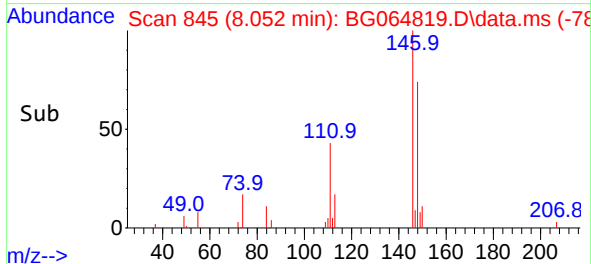
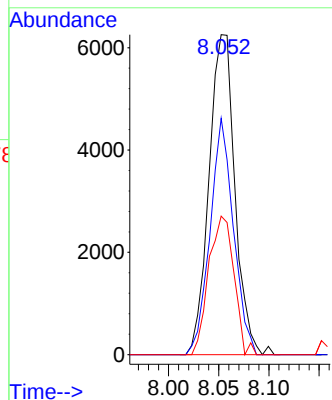
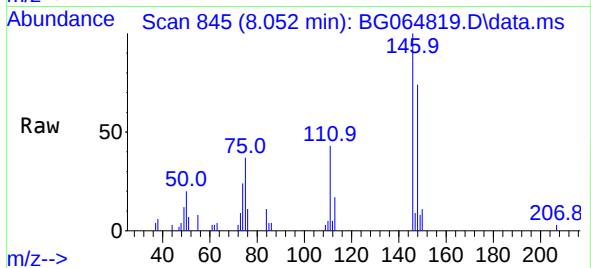




#13
1,4-Dichlorobenzene
Concen: 3.944 ng
RT: 8.052 min Scan# 84
Delta R.T. -0.150 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

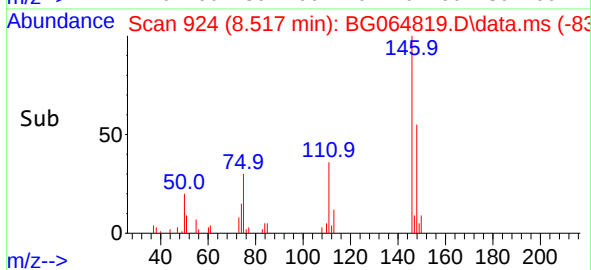
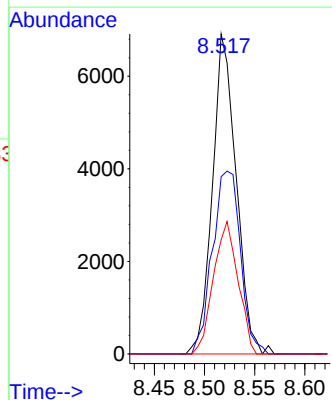
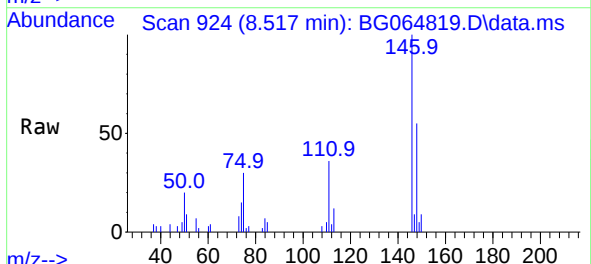
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

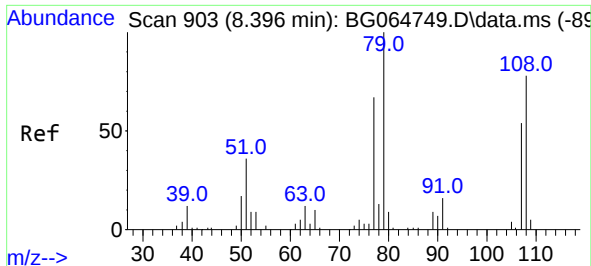
Tgt Ion:146 Resp: 11253
Ion Ratio Lower Upper
146 100
148 73.9 53.1 79.7
111 43.3 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 4.104 ng
RT: 8.517 min Scan# 924
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:146 Resp: 11354
Ion Ratio Lower Upper
146 100
148 55.4 52.0 78.0
111 35.6 34.7 52.1



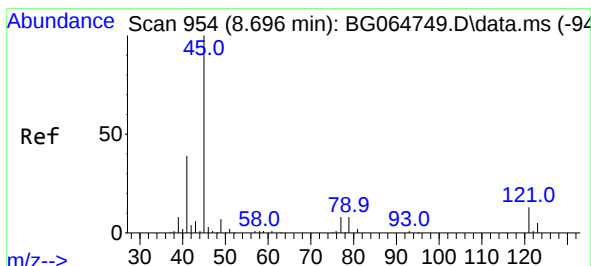
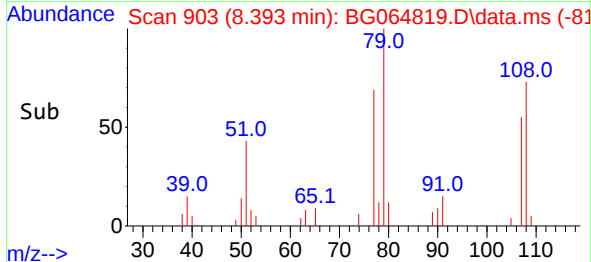
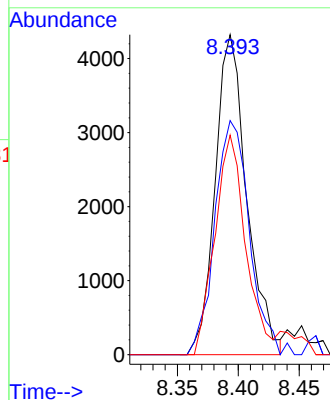
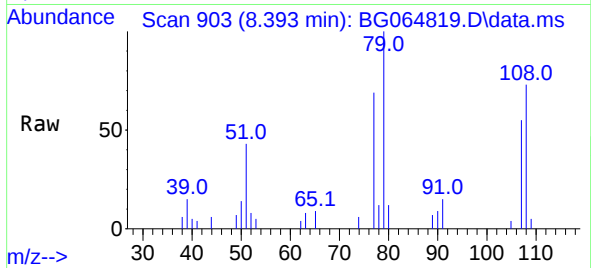


#15
Benzyl Alcohol
Concen: 3.218 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 79 Resp: 7792

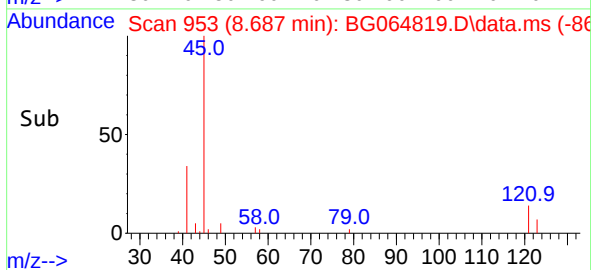
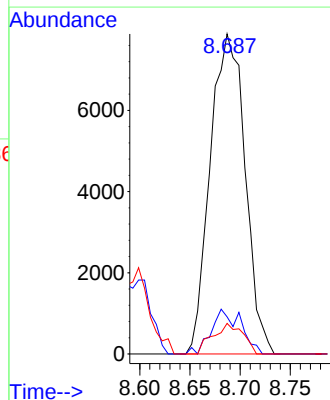
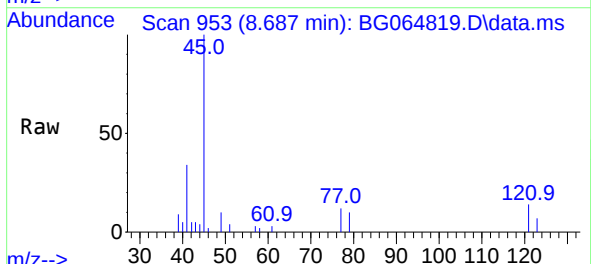
Ion	Ratio	Lower	Upper
79	100		
108	73.2	62.3	93.5
77	68.6	53.5	80.3

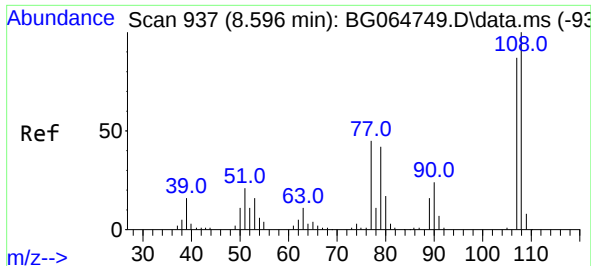


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.527 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion: 45 Resp: 19064

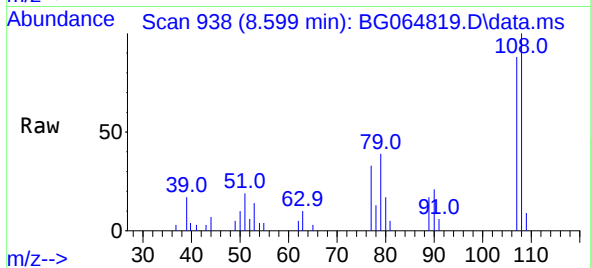
Ion	Ratio	Lower	Upper
45	100		
77	11.6	0.0	28.8
79	9.6	0.0	28.1





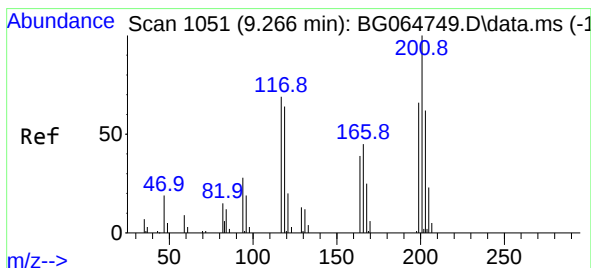
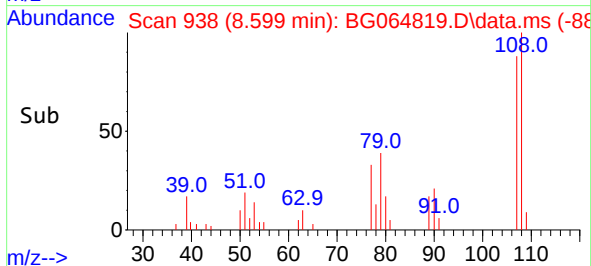
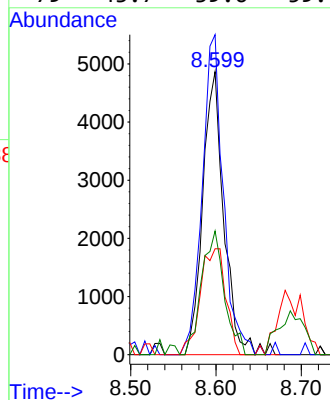
#17
2-Methylphenol
Concen: 3.701 ng
RT: 8.599 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:107 Resp: 8404

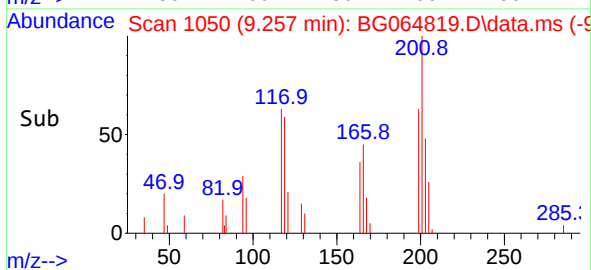
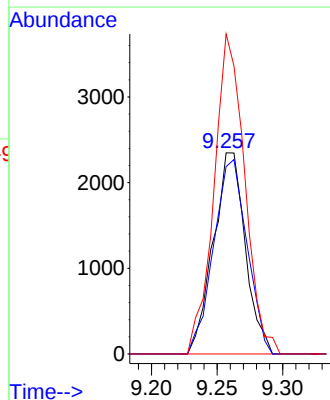
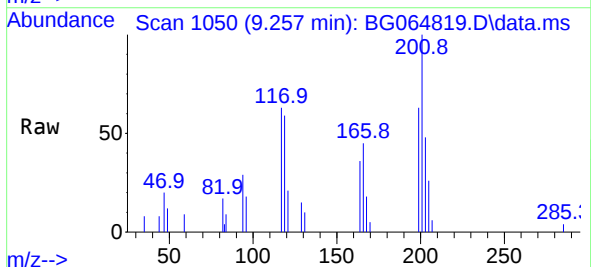
Ion	Ratio	Lower	Upper
107	100		
108	113.1	92.6	138.8
77	37.4	41.2	61.8#
79	43.7	39.6	59.4

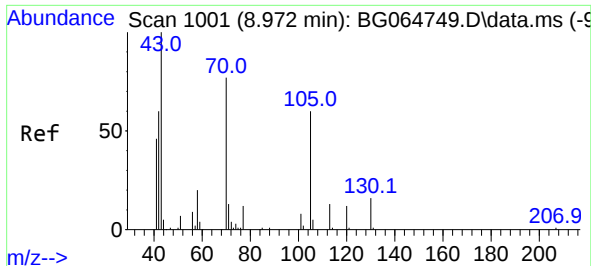


#18
Hexachloroethane
Concen: 3.696 ng
RT: 9.257 min Scan# 1050
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:117 Resp: 3994

Ion	Ratio	Lower	Upper
117	100		
119	93.1	74.4	111.6
201	159.1	116.5	174.7



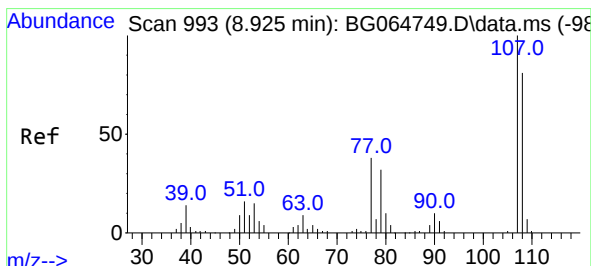
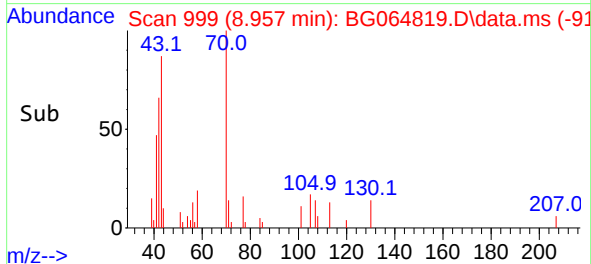
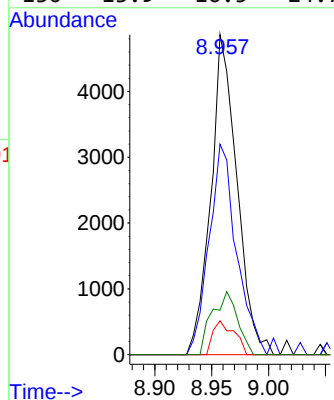
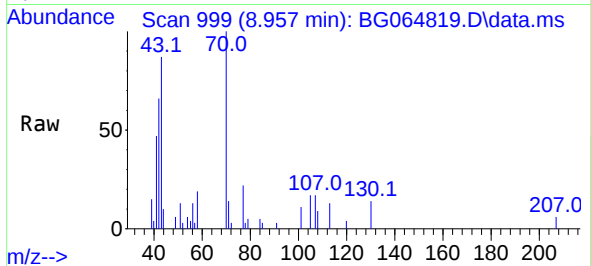


#19
n-Nitroso-di-n-propylamine
Concen: 3.909 ng
RT: 8.957 min Scan# 991
Delta R.T. -0.015 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 70 Resp: 7796

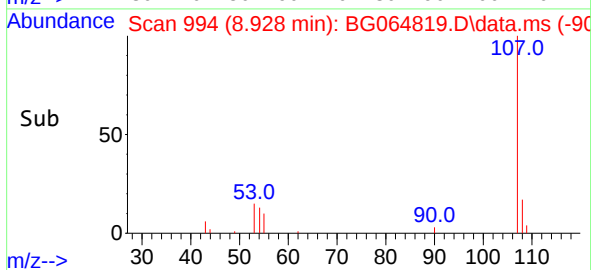
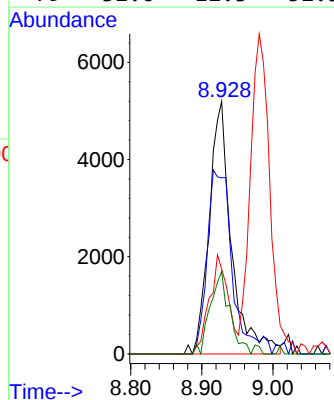
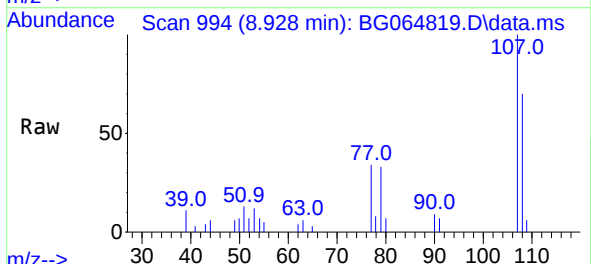
Ion	Ratio	Lower	Upper
70	100		
42	65.8	62.6	93.8
101	10.6	8.0	12.0
130	13.9	16.5	24.7

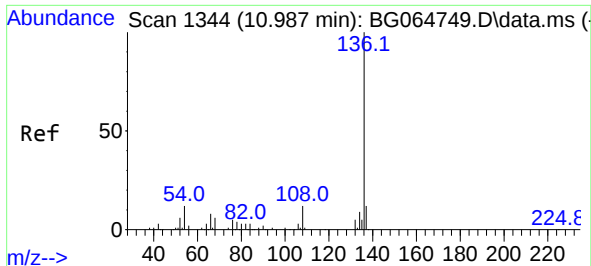


#20
3+4-Methylphenols
Concen: 3.645 ng
RT: 8.928 min Scan# 994
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion: 107 Resp: 11341

Ion	Ratio	Lower	Upper
107	100		
108	69.8	61.0	101.0
77	33.6	17.6	57.6
79	32.6	12.3	52.3

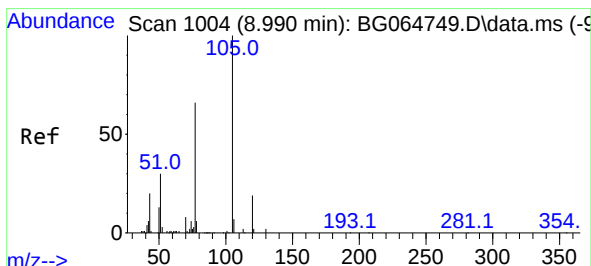
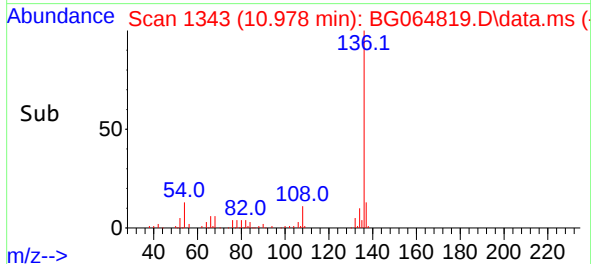
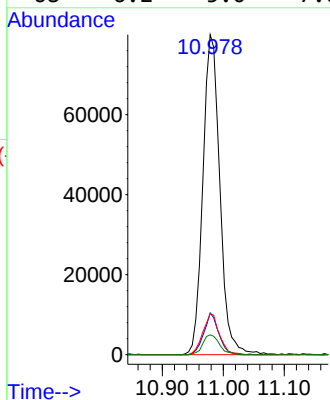
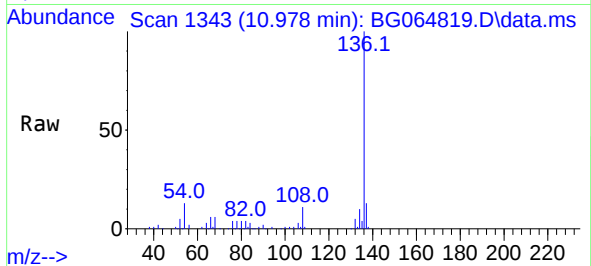




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

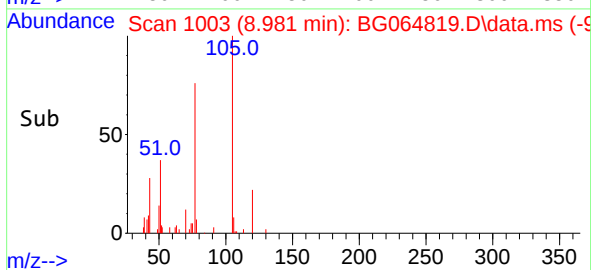
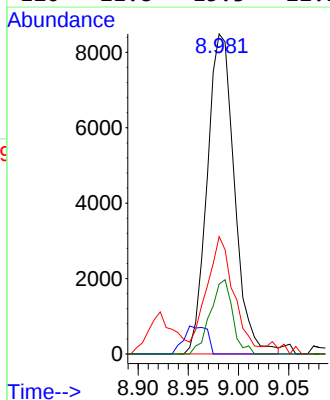
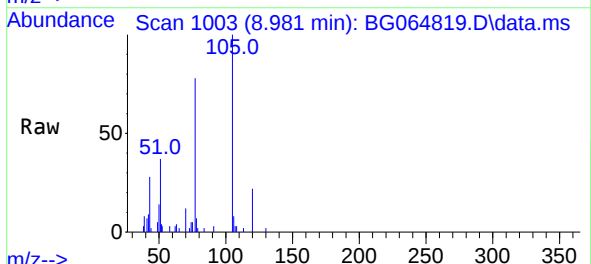
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

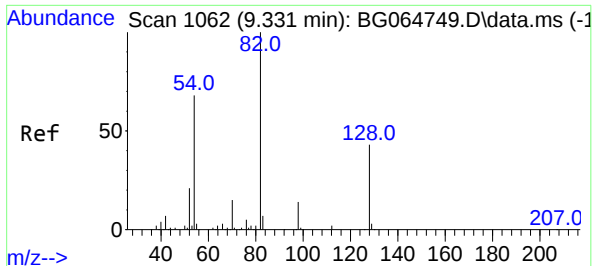
Tgt Ion:	136	Resp:	154940
Ion	Ratio	Lower	Upper
136	100		
137	13.1	9.3	13.9
54	12.8	9.3	13.9
68	6.2	5.0	7.6



#22
Acetophenone
Concen: 3.802 ng
RT: 8.981 min Scan# 1003
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:	105	Resp:	16049
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.3	1.9
51	36.6	27.9	41.9
120	21.8	15.3	22.9





#23

Nitrobenzene-d5

Concen: 85.333 ng

RT: 9.322 min Scan# 1061

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

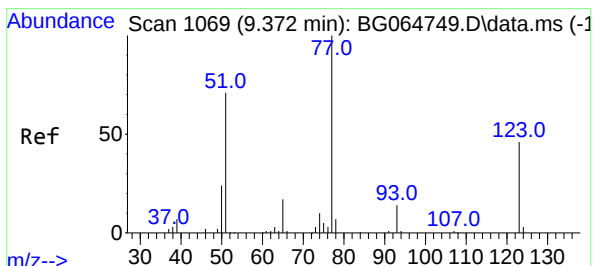
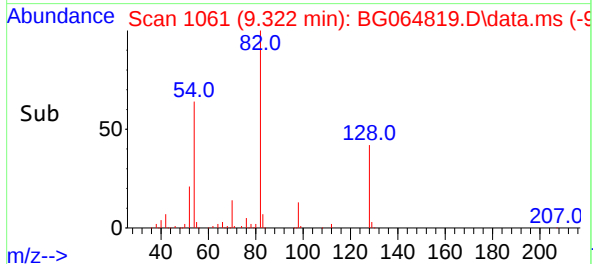
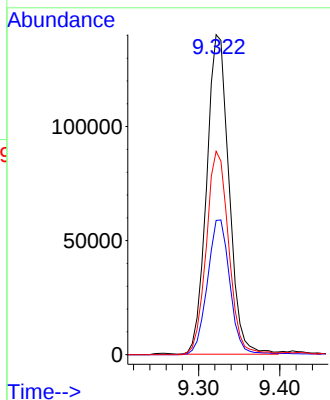
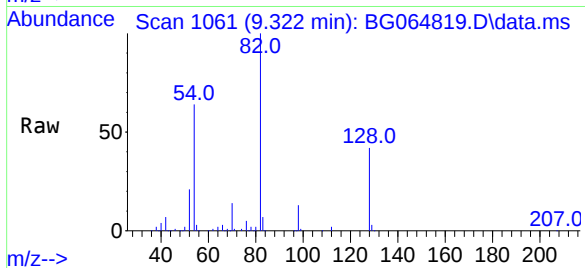
Tgt Ion: 82 Resp: 267409

Ion Ratio Lower Upper

82 100

128 41.9 34.1 51.1

54 63.6 54.3 81.5



#24

Nitrobenzene

Concen: 4.028 ng

RT: 9.363 min Scan# 1068

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

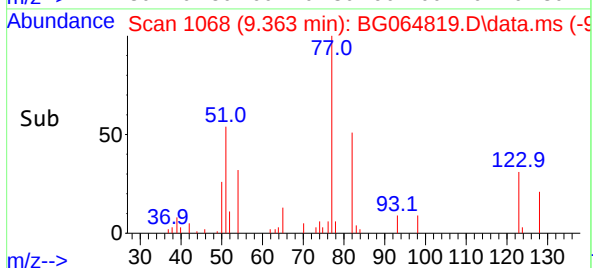
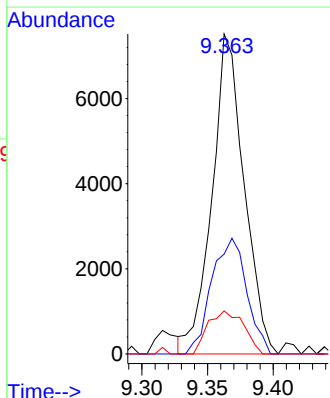
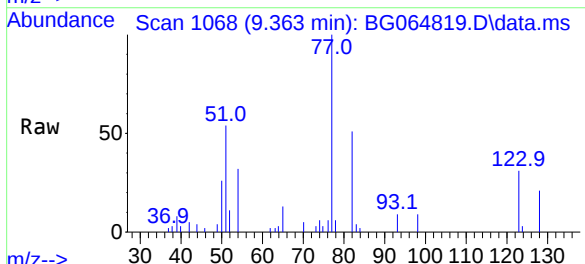
Tgt Ion: 77 Resp: 12754

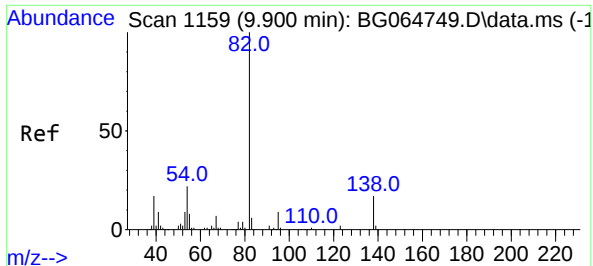
Ion Ratio Lower Upper

77 100

123 31.2 36.5 54.7#

65 13.5 13.5 20.3#

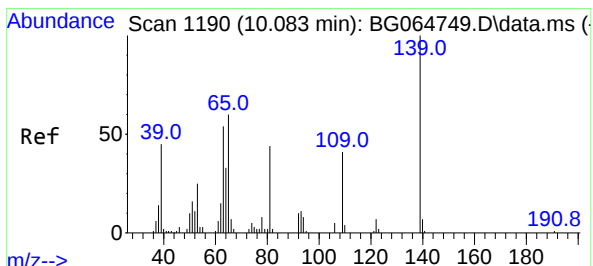
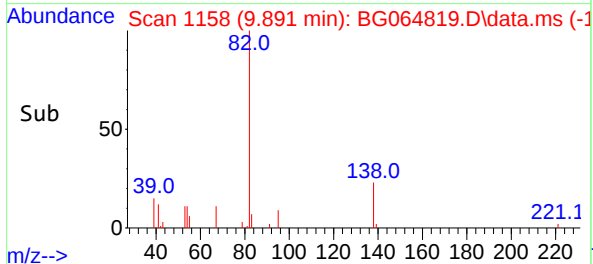
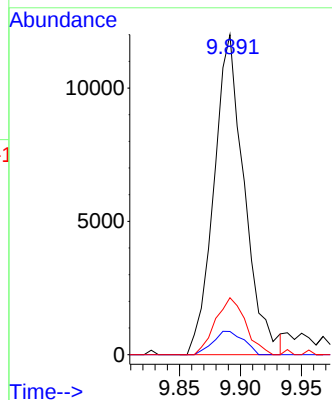
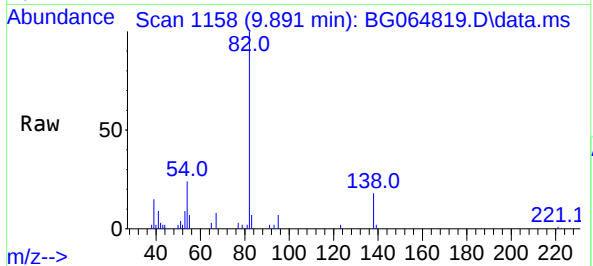




#25
Isophorone
Concen: 3.492 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

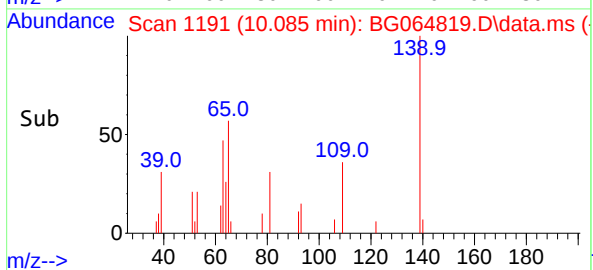
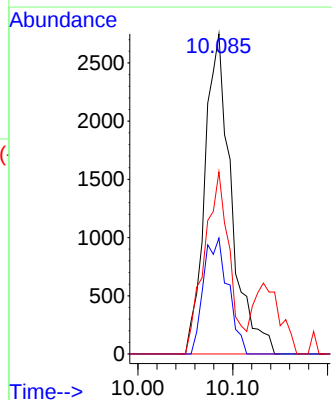
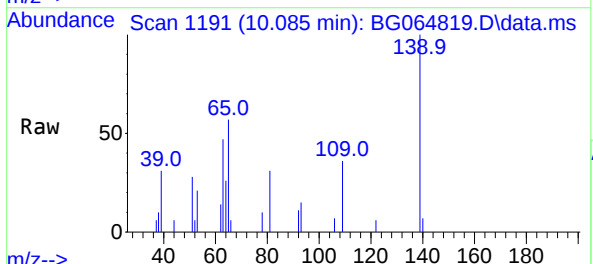
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

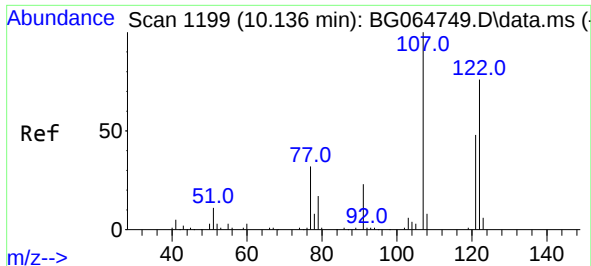
Tgt Ion: 82 Resp: 20836
Ion Ratio Lower Upper
82 100
95 7.2 6.9 10.3
138 17.8 13.9 20.9



#26
2-Nitrophenol
Concen: 3.747 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:139 Resp: 5337
Ion Ratio Lower Upper
139 100
109 36.2 32.5 48.7
65 56.9 47.6 71.4





#27

2,4-Dimethylphenol

Concen: 3.813 ng

RT: 10.132 min Scan# 1199

Delta R.T. -0.003 min

Lab File: BG064819.D

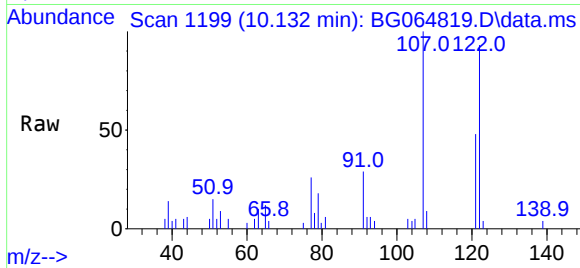
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



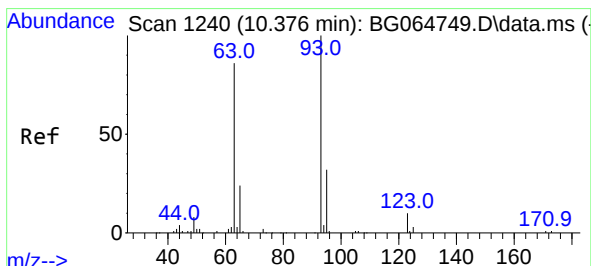
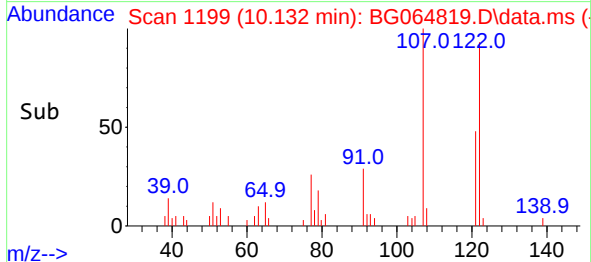
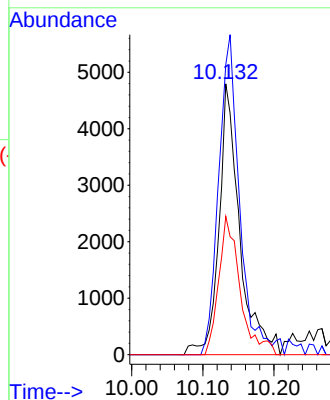
Tgt Ion:122 Resp: 9648

Ion Ratio Lower Upper

122 100

107 107.1 102.5 153.7

121 51.0 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 3.951 ng

RT: 10.367 min Scan# 1239

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

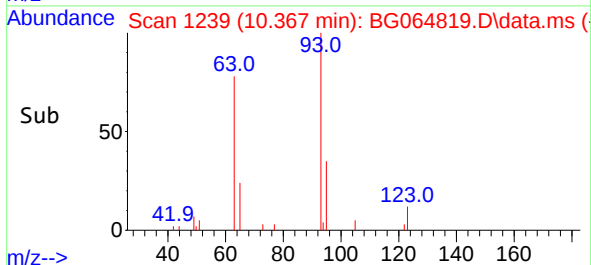
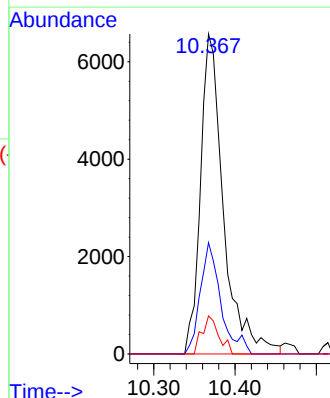
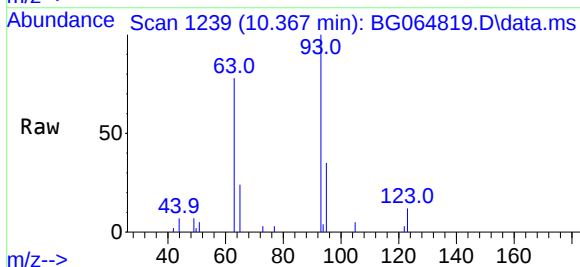
Tgt Ion: 93 Resp: 12945

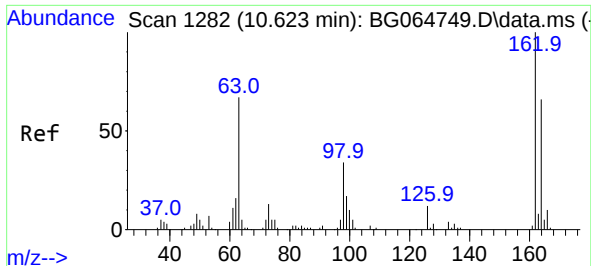
Ion Ratio Lower Upper

93 100

95 34.8 25.4 38.2

123 11.9 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 3.535 ng

RT: 10.626 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064819.D

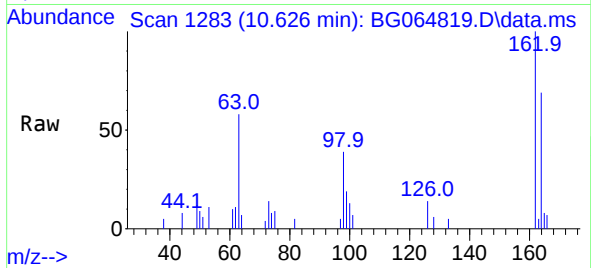
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



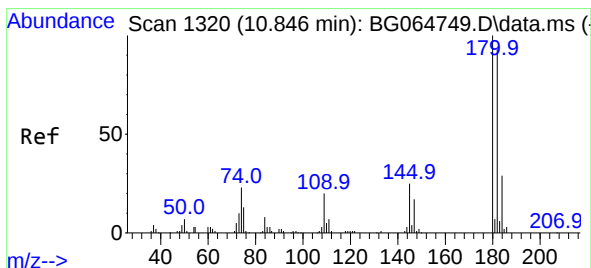
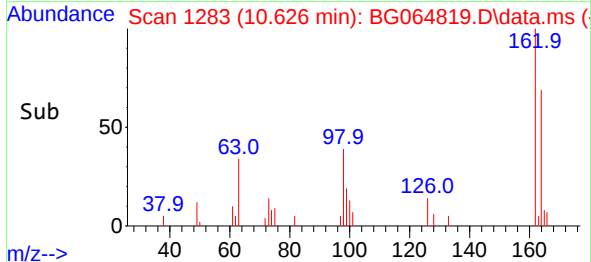
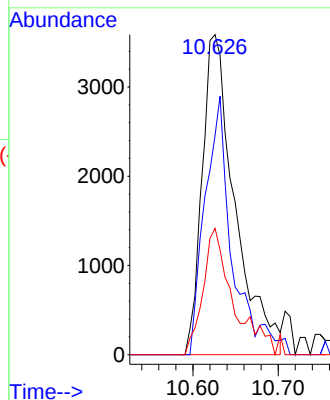
Tgt Ion:162 Resp: 9602

Ion Ratio Lower Upper

162 100

164 68.6 46.0 86.0

98 39.4 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 3.903 ng

RT: 10.837 min Scan# 1319

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

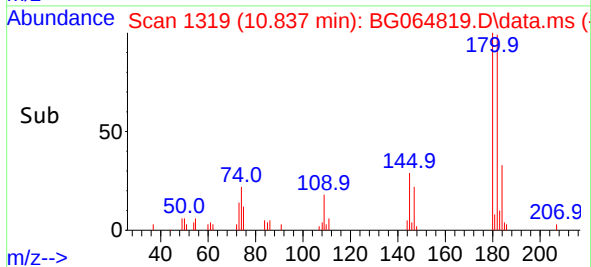
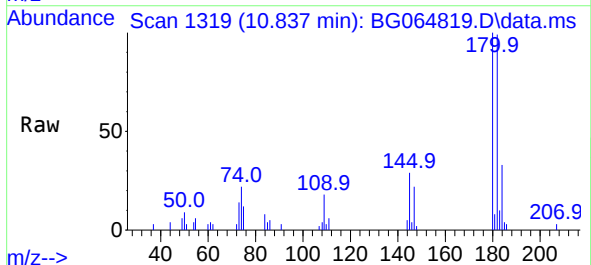
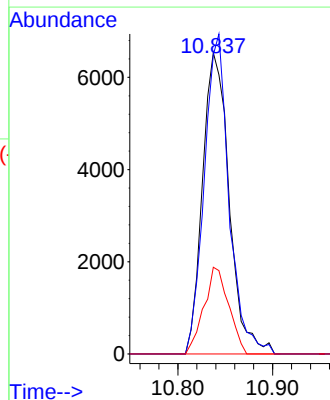
Tgt Ion:180 Resp: 12802

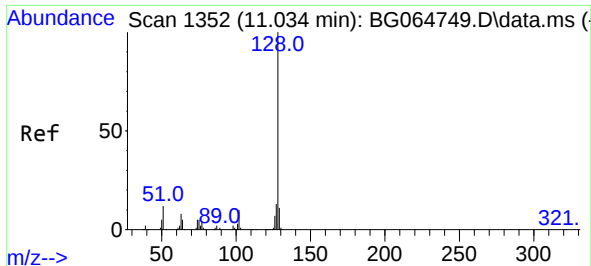
Ion Ratio Lower Upper

180 100

182 99.3 74.2 111.4

145 28.8 20.0 30.0

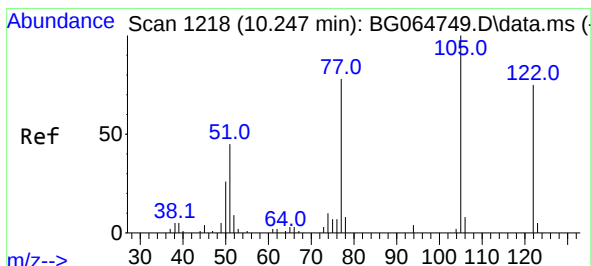
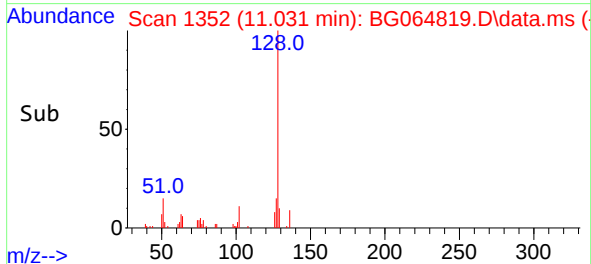
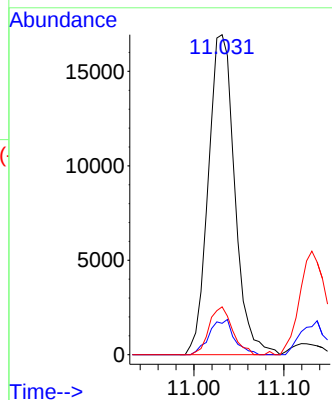
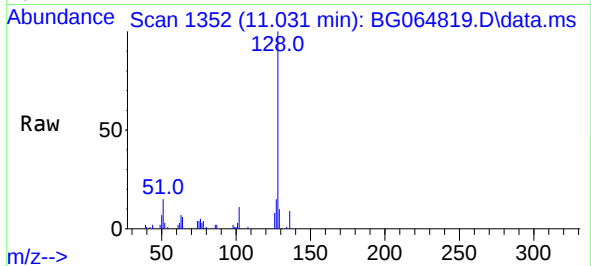




#31
Naphthalene
Concen: 3.938 ng
RT: 11.031 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

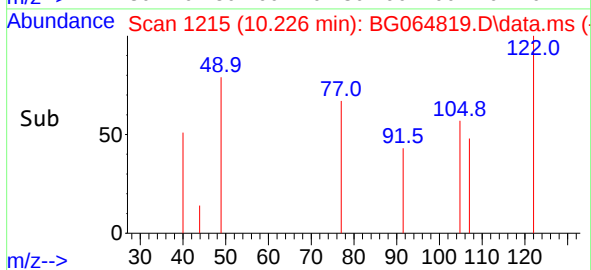
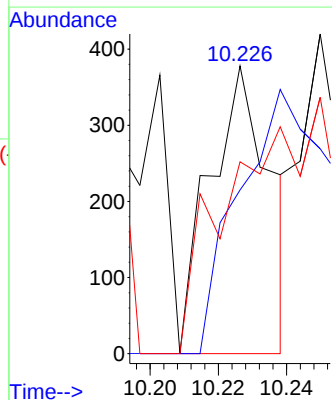
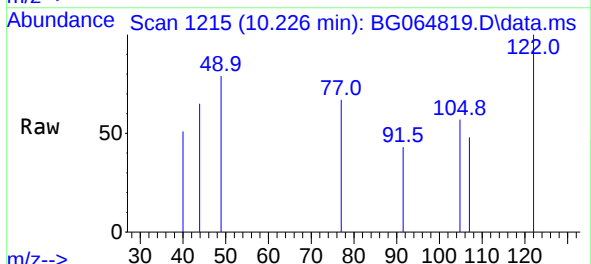
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

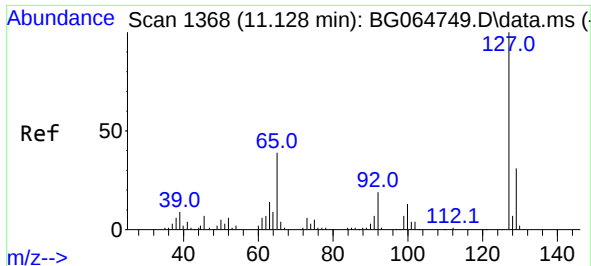
Tgt Ion:128 Resp: 34587
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 15.0 10.6 16.0



#32
Benzoic acid
Concen: 6.111 ng
RT: 10.226 min Scan# 1215
Delta R.T. -0.021 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:122 Resp: 467
Ion Ratio Lower Upper
122 100
105 56.9 107.6 147.6#
77 66.7 82.5 122.5#

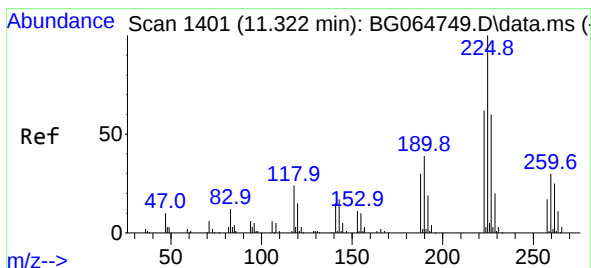
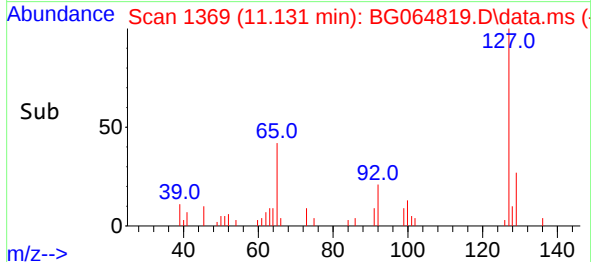
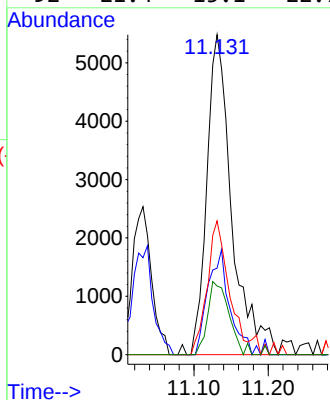
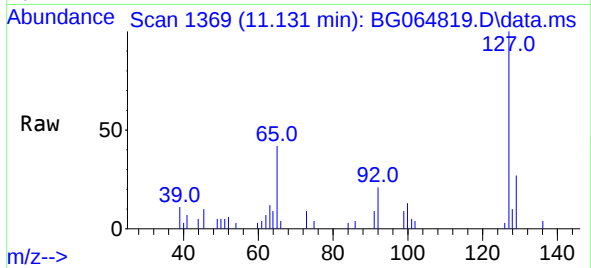




#33
4-Chloroaniline
Concen: 3.662 ng
RT: 11.131 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

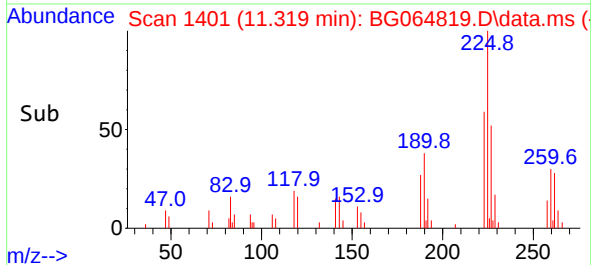
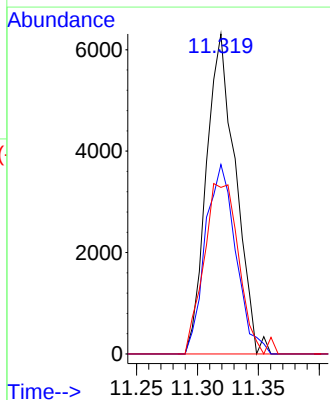
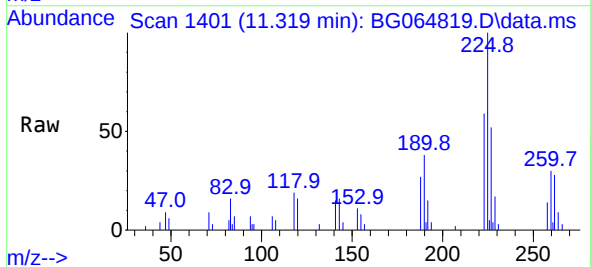
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

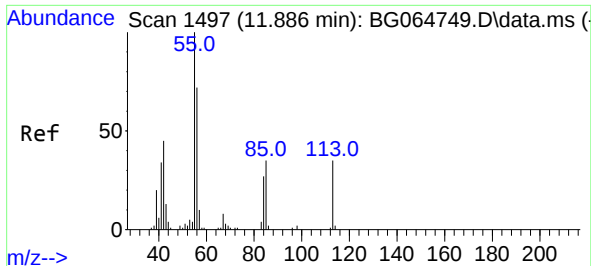
Tgt Ion:	127	Resp:	12865
Ion	Ratio	Lower	Upper
127	100		
129	27.1	24.9	37.3
65	41.8	30.9	46.3
92	21.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 3.740 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

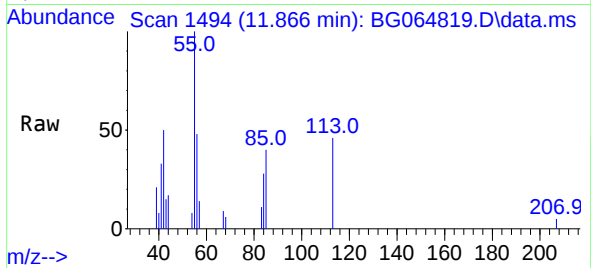
Tgt Ion:	225	Resp:	10525
Ion	Ratio	Lower	Upper
225	100		
223	56.2	49.9	74.9
227	53.3	50.6	75.8



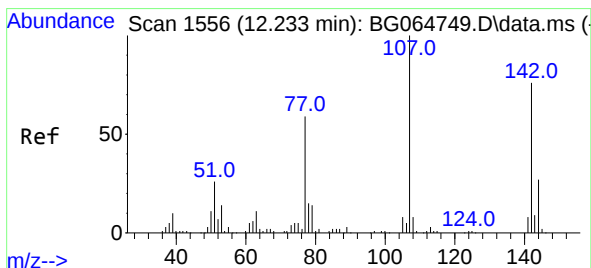
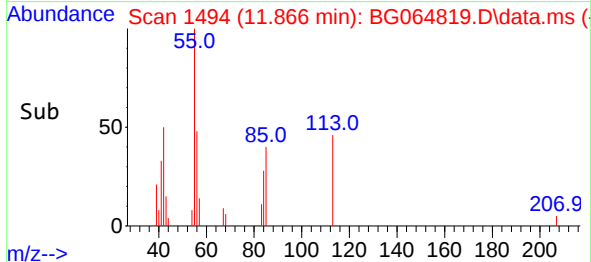
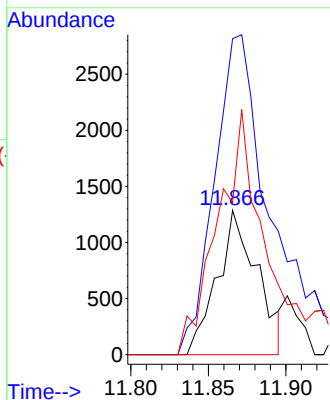


#35
Caprolactam
Concen: 2.844 ng
RT: 11.866 min Scan# 1494
Delta R.T. -0.021 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

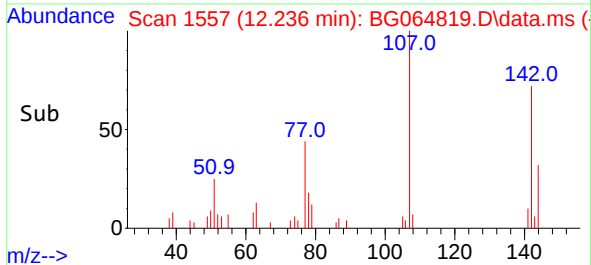
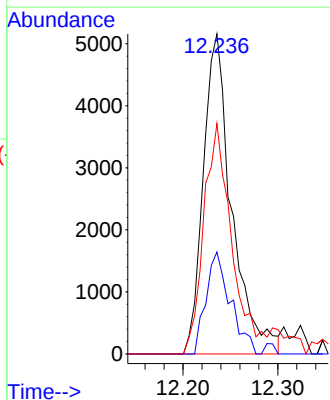
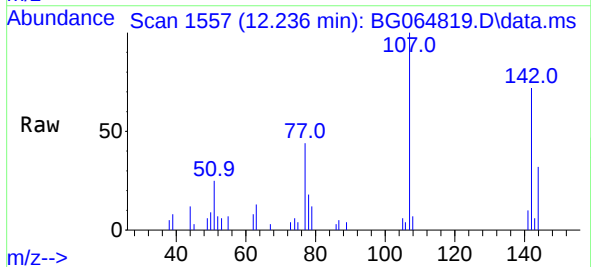


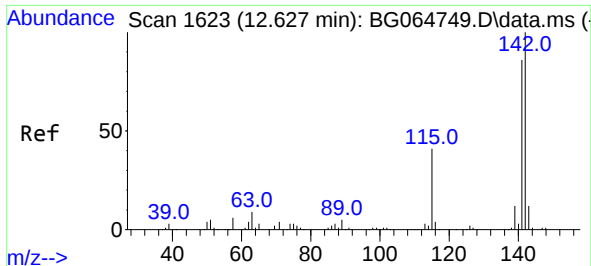
Tgt Ion:113 Resp: 2311
Ion Ratio Lower Upper
113 100
55 219.0 263.7 303.7#
56 105.2 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 3.555 ng
RT: 12.236 min Scan# 1557
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:107 Resp: 10750
Ion Ratio Lower Upper
107 100
144 31.9 21.7 32.5
142 72.0 60.8 91.2





#37

2-Methylnaphthalene

Concen: 3.536 ng

RT: 12.624 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG064819.D

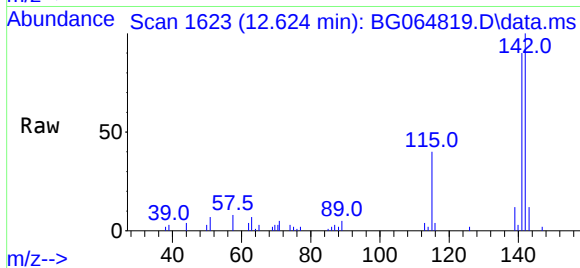
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



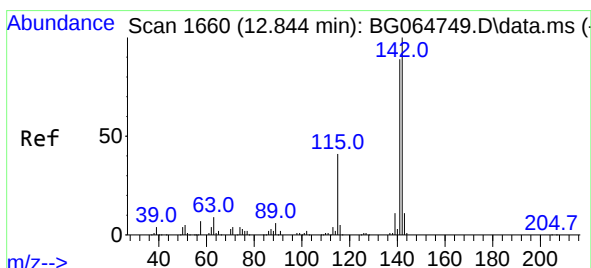
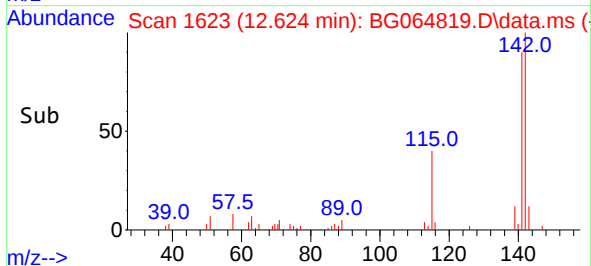
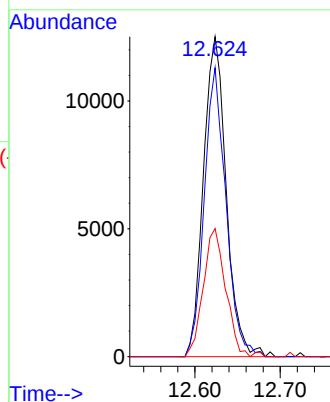
Tgt Ion:142 Resp: 23239

Ion Ratio Lower Upper

142 100

141 90.3 69.1 103.7

115 40.0 32.9 49.3



#38

1-Methylnaphthalene

Concen: 3.864 ng

RT: 12.841 min Scan# 1660

Delta R.T. -0.003 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

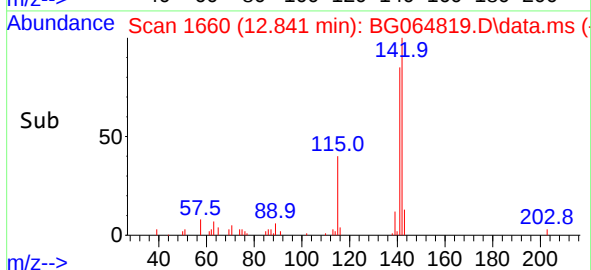
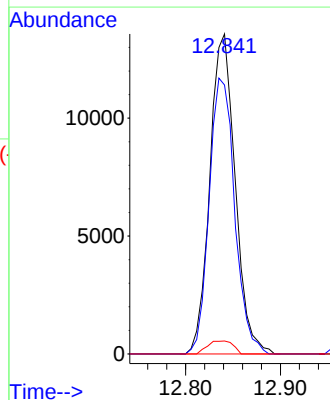
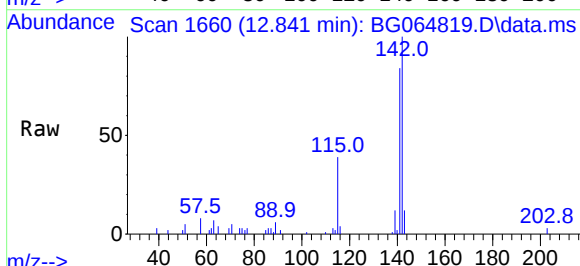
Tgt Ion:142 Resp: 25225

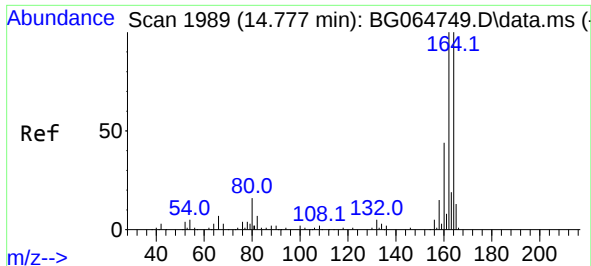
Ion Ratio Lower Upper

142 100

141 84.1 70.8 106.2

116 4.0 3.7 5.5

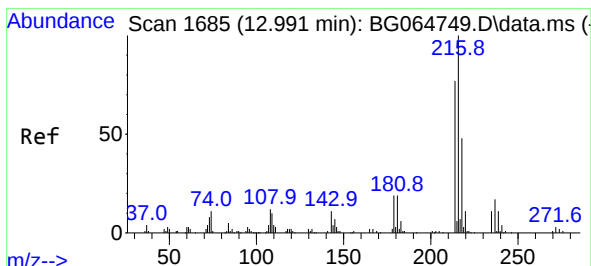
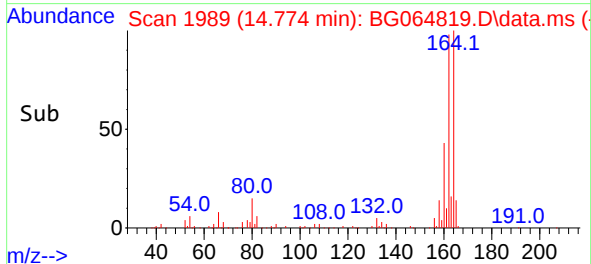
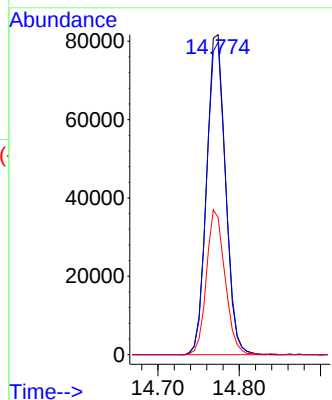
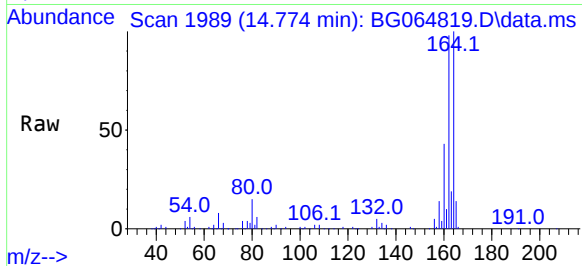




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

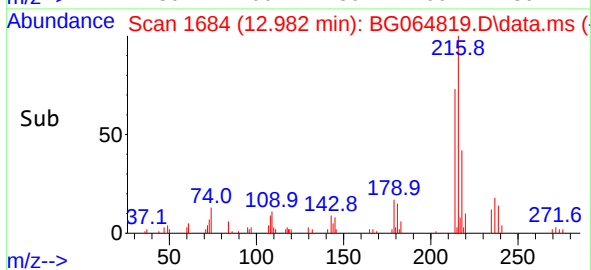
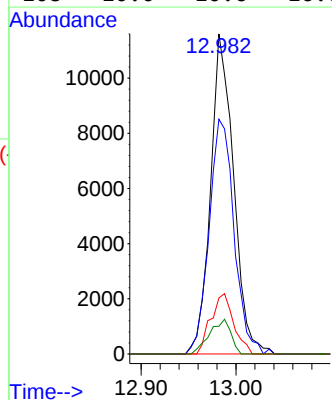
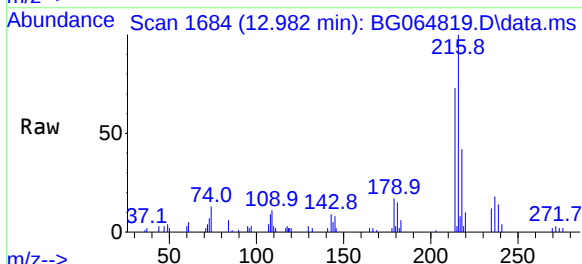
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

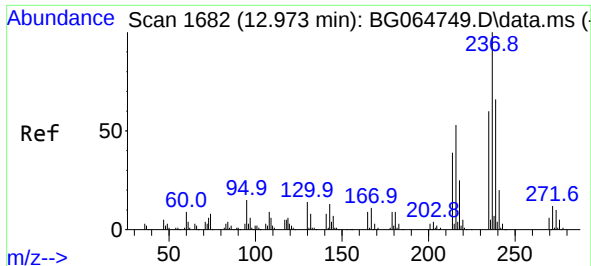
Tgt Ion:164 Resp: 131512
Ion Ratio Lower Upper
164 100
162 97.6 79.8 119.6
160 42.8 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.826 ng
RT: 12.982 min Scan# 1684
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:216 Resp: 19580
Ion Ratio Lower Upper
216 100
214 79.5 60.5 90.7
179 18.7 14.7 22.1
108 10.0 10.6 16.0#

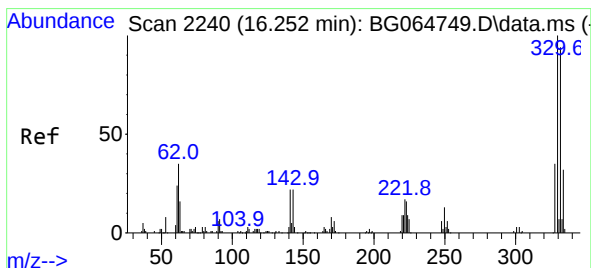
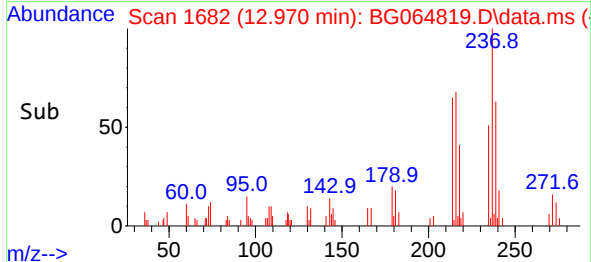
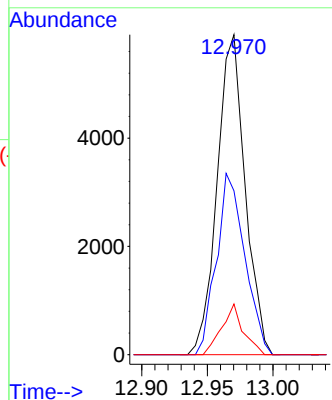
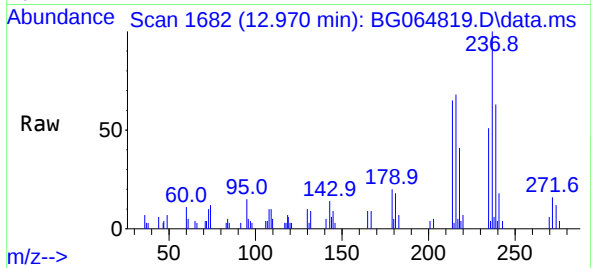




#41
Hexachlorocyclopentadiene
Concen: 2.390 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

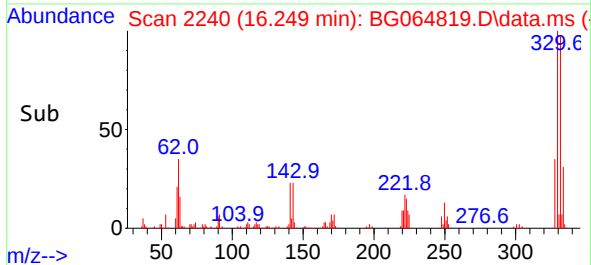
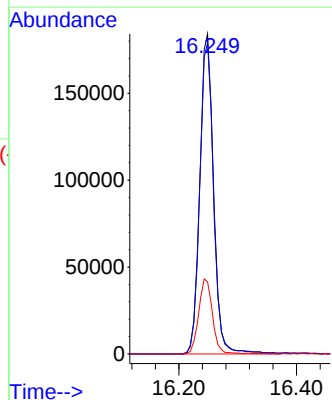
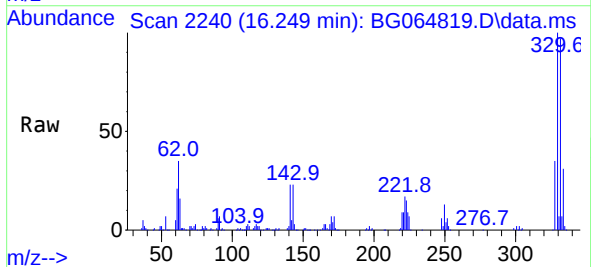
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

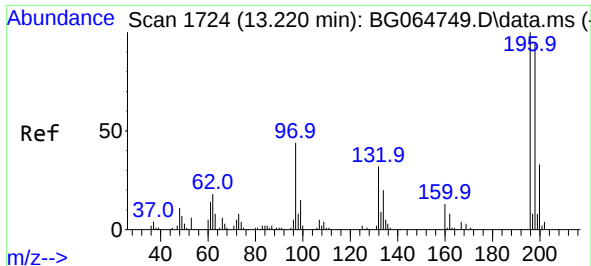
Tgt Ion:237	Resp:	8767
Ion	Ratio	Lower Upper
237	100	
235	51.2	40.2 80.2
272	15.9	0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 116.676 ng
RT: 16.249 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:330	Resp:	299260
Ion	Ratio	Lower Upper
330	100	
332	97.5	77.0 115.6
141	23.3	18.2 27.2

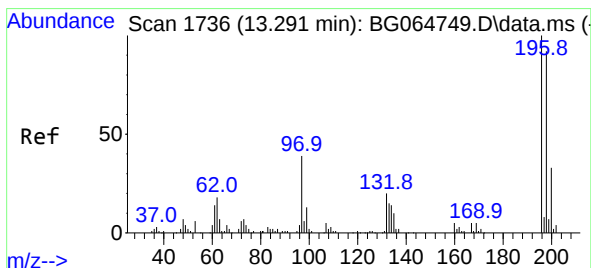
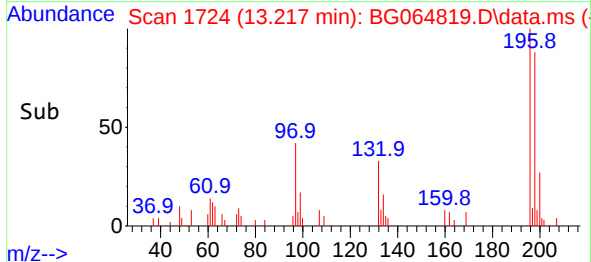
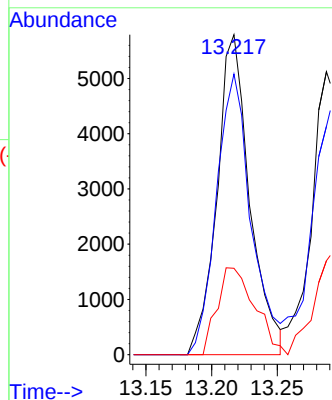
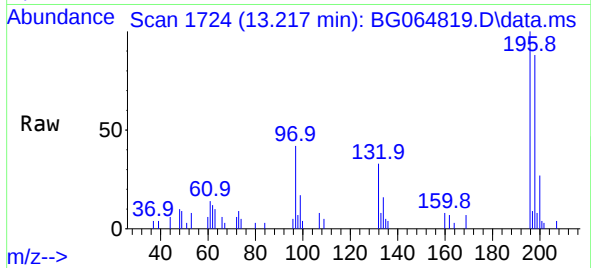




#43
2,4,6-Trichlorophenol
Concen: 3.349 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

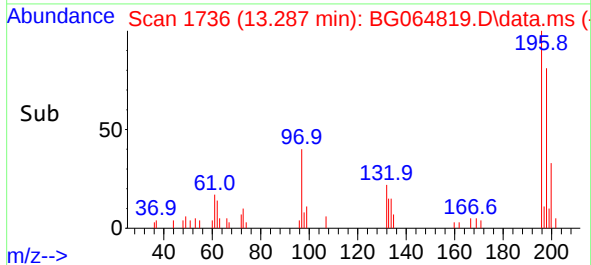
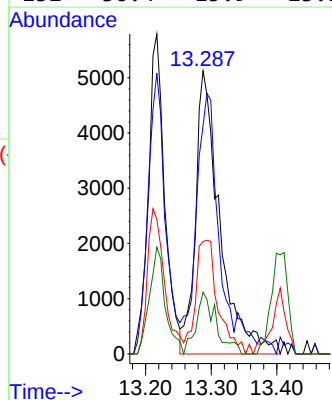
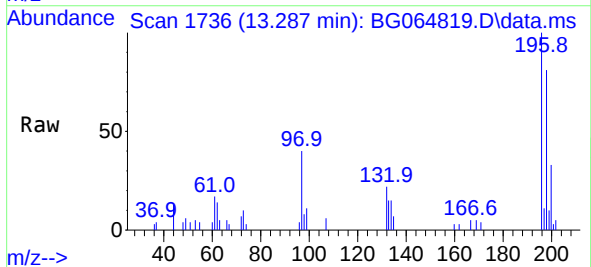
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

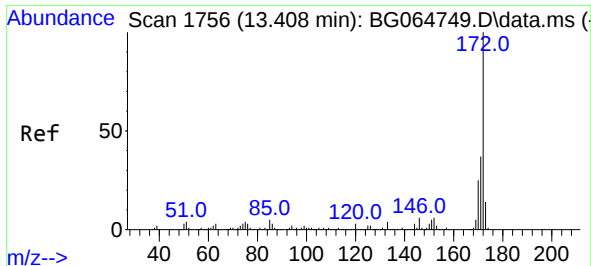
Tgt Ion:196 Resp: 10060
Ion Ratio Lower Upper
196 100
198 87.7 75.3 112.9
200 27.0 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 3.910 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:196 Resp: 13172
Ion Ratio Lower Upper
196 100
198 80.6 73.2 109.8
97 39.7 31.4 47.0
132 36.4 15.9 23.9#

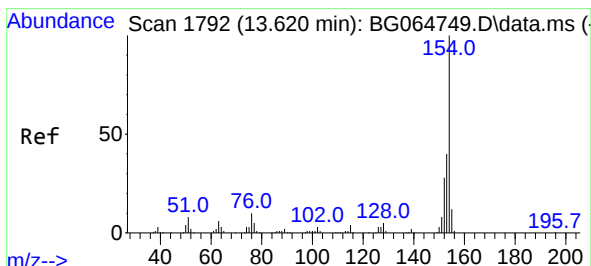
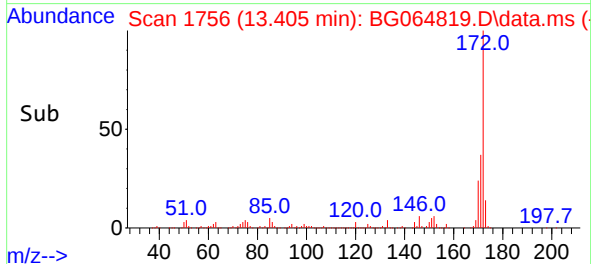
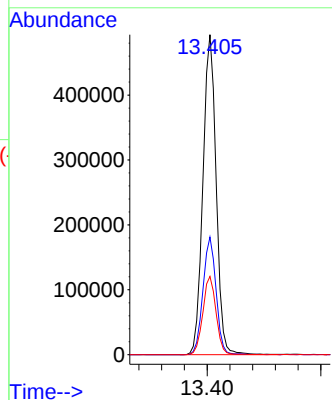
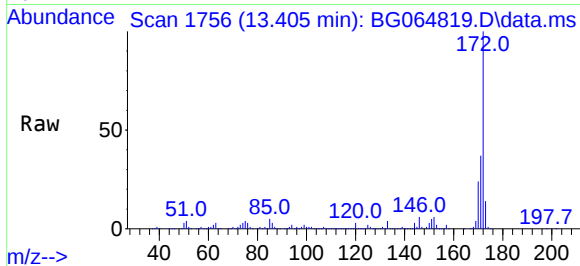




#45
2-Fluorobiphenyl
Concen: 84.286 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

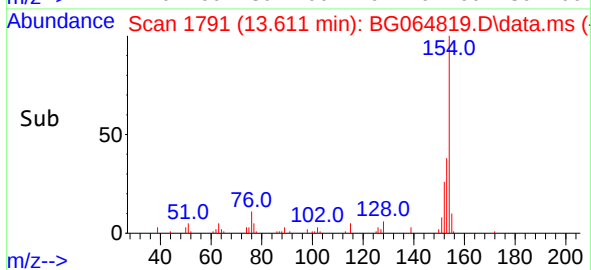
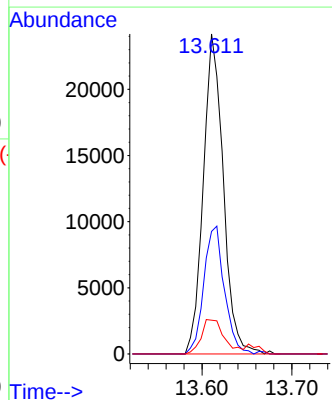
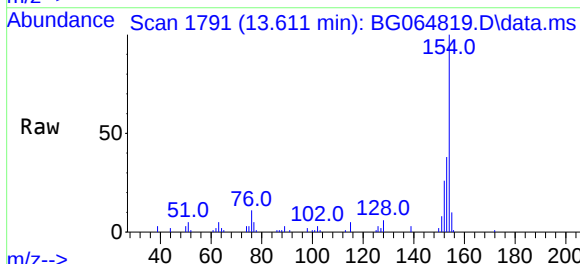
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

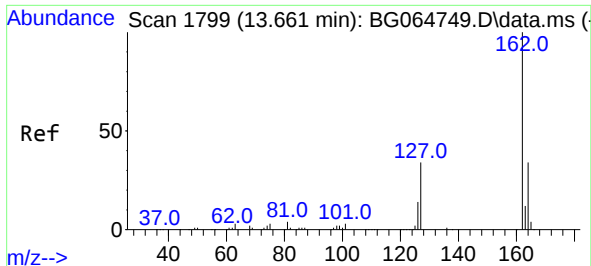
Tgt Ion:172 Resp: 794399
Ion Ratio Lower Upper
172 100
171 36.8 29.9 44.9
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 3.962 ng
RT: 13.611 min Scan# 1791
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:154 Resp: 37426
Ion Ratio Lower Upper
154 100
153 38.3 19.8 59.8
76 10.5 0.0 30.0

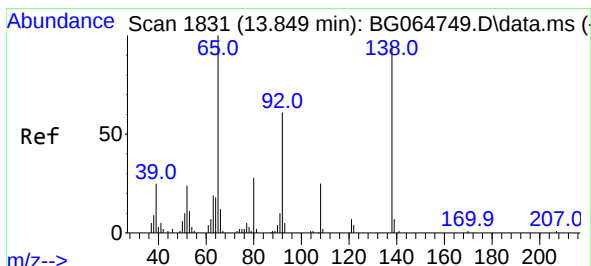
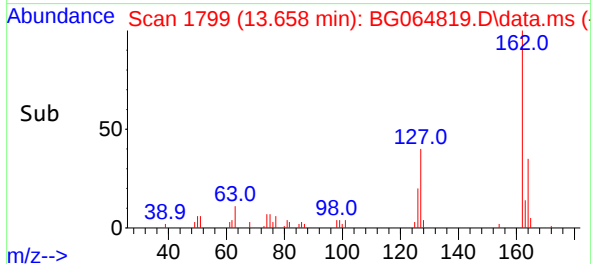
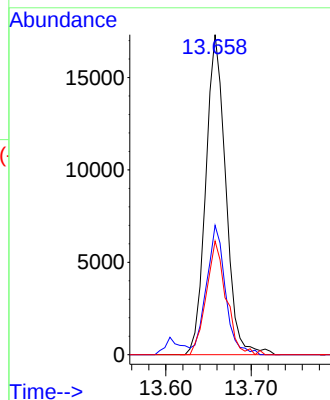
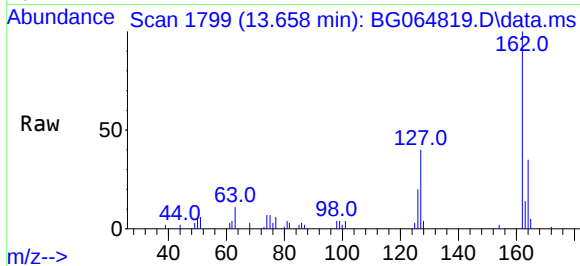




#47
2-Chloronaphthalene
Concen: 3.787 ng
RT: 13.658 min Scan# 1799
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

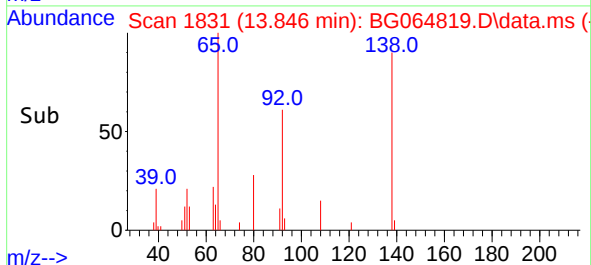
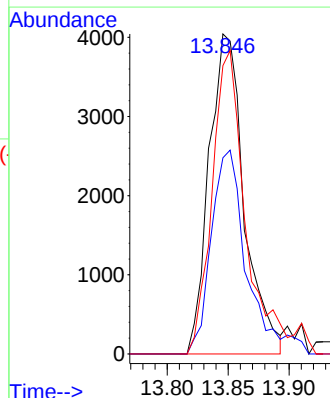
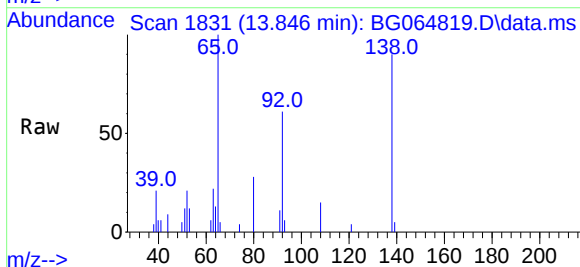
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

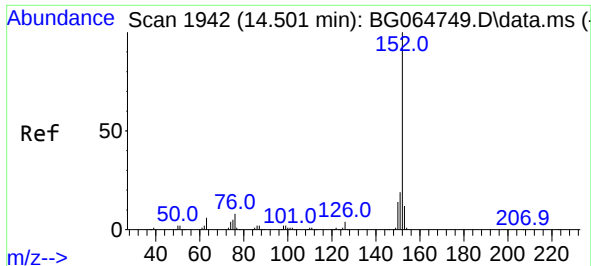
Tgt Ion:	162	Resp:	28182
Ion	Ratio	Lower	Upper
162	100		
127	40.4	30.3	45.5
164	35.5	26.8	40.2



#48
2-Nitroaniline
Concen: 3.375 ng
RT: 13.846 min Scan# 1831
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:	65	Resp:	8077
Ion	Ratio	Lower	Upper
65	100		
92	61.3	48.6	73.0
138	90.1	76.4	114.6

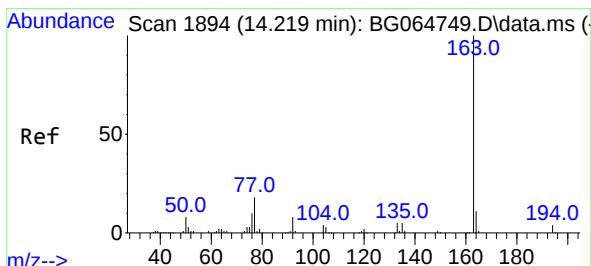
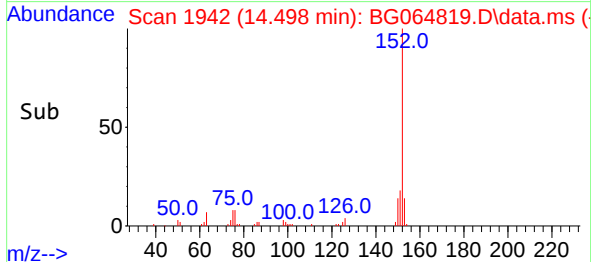
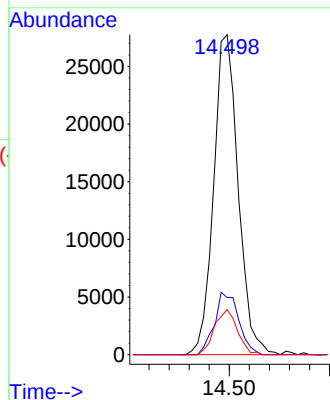
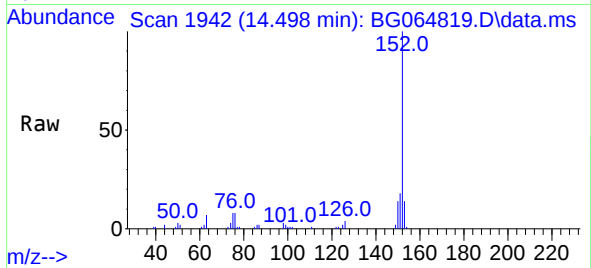




#49
Acenaphthylene
Concen: 3.699 ng
RT: 14.498 min Scan# 1942
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

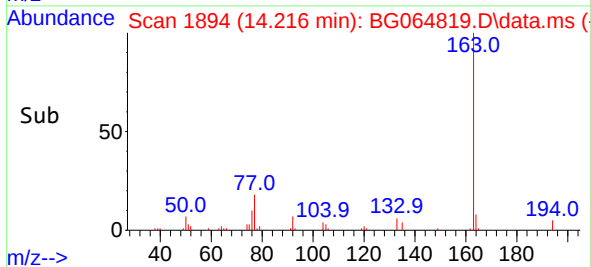
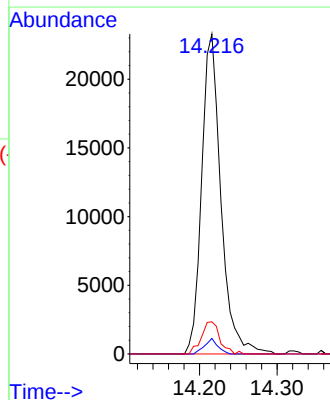
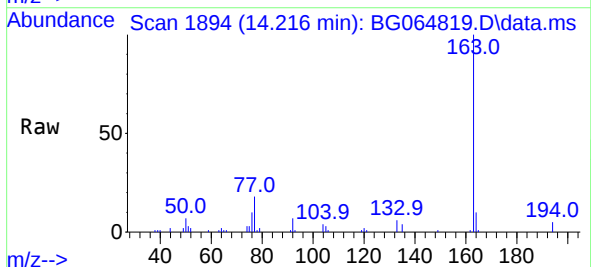
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

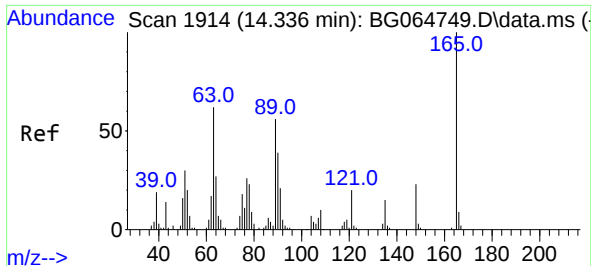
Tgt Ion:152	Resp:	47024
Ion Ratio	Lower	Upper
152	100	
151	17.9	15.0 22.4
153	14.1	9.9 14.9



#50
Dimethylphthalate
Concen: 3.864 ng
RT: 14.216 min Scan# 1894
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:163	Resp:	40143
Ion Ratio	Lower	Upper
163	100	
194	4.9	3.1 4.7#
164	10.0	8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 3.678 ng

RT: 14.333 min Scan# 1914

Delta R.T. -0.003 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025

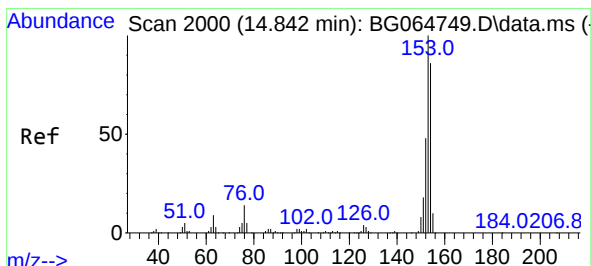
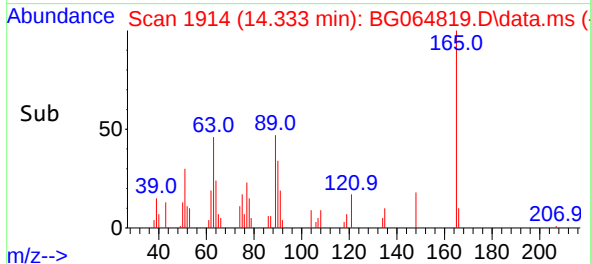
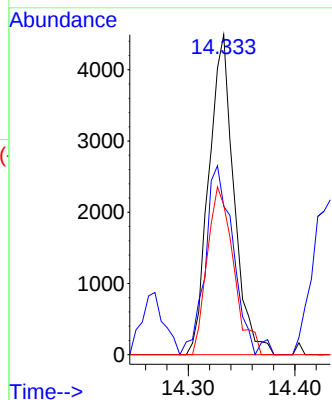
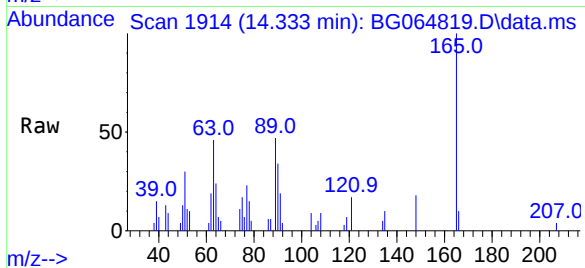
Tgt Ion:165 Resp: 7353

Ion Ratio Lower Upper

165 100

63 46.4 49.8 74.8#

89 46.8 45.0 67.4



#52

Acenaphthene

Concen: 3.664 ng

RT: 14.833 min Scan# 1999

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

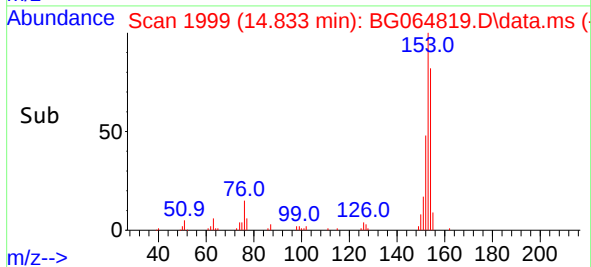
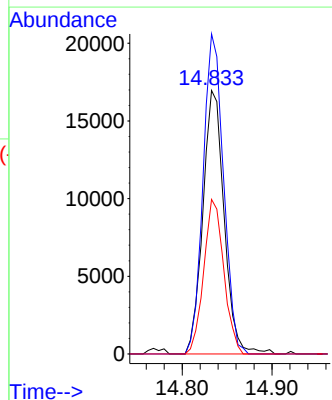
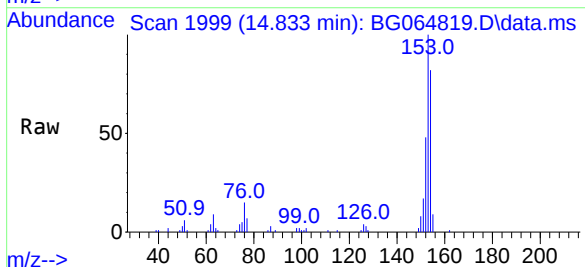
Tgt Ion:154 Resp: 27932

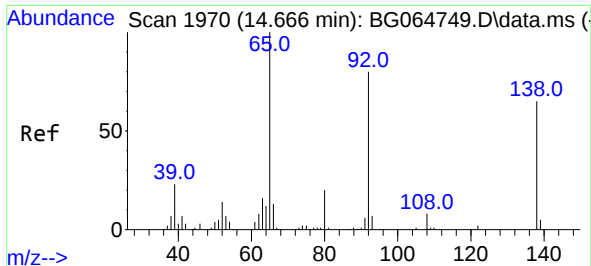
Ion Ratio Lower Upper

154 100

153 121.4 93.0 139.4

152 58.7 44.4 66.6

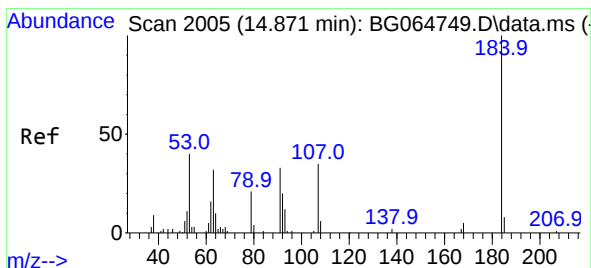
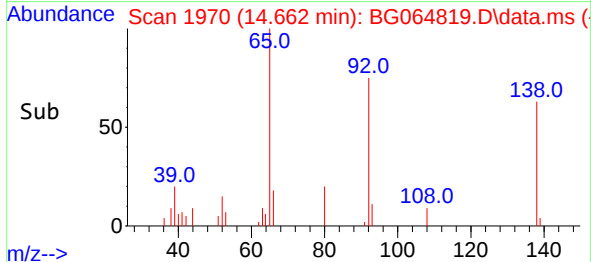
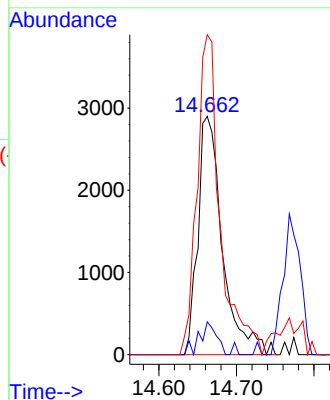
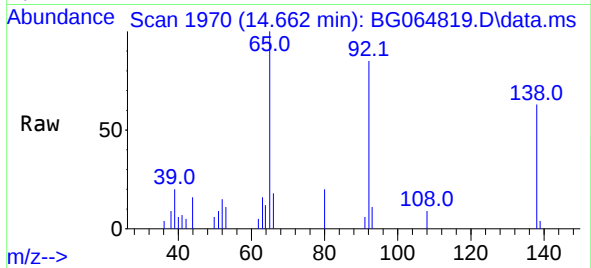




#53
3-Nitroaniline
Concen: 3.237 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

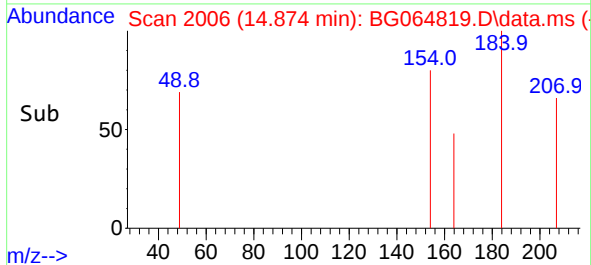
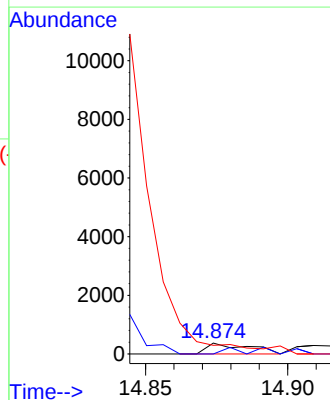
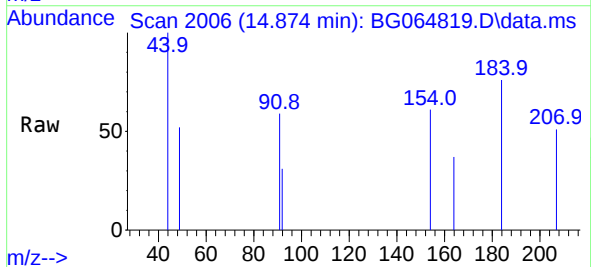
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

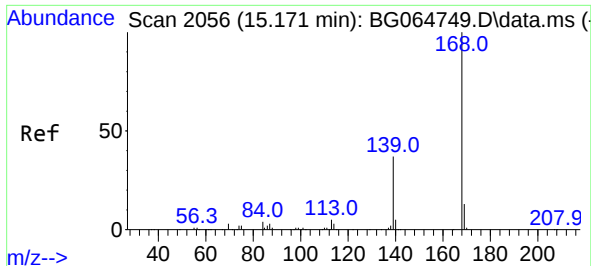
Tgt Ion:138 Resp: 6387
Ion Ratio Lower Upper
138 100
108 13.7 9.5 14.3
92 134.3 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 8.832 ng
RT: 14.874 min Scan# 2006
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:184 Resp: 381
Ion Ratio Lower Upper
184 100
63 0.0 45.8 68.6#
154 80.5 52.6 78.8#

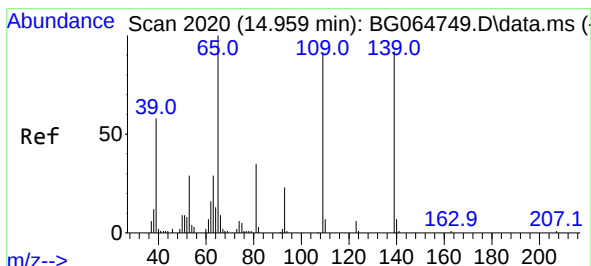
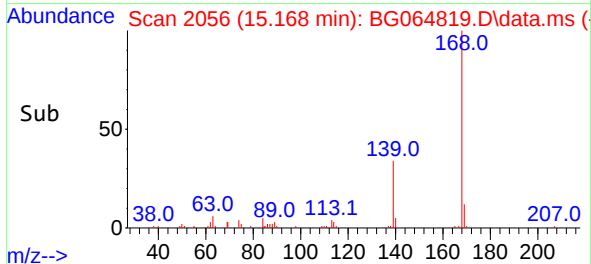
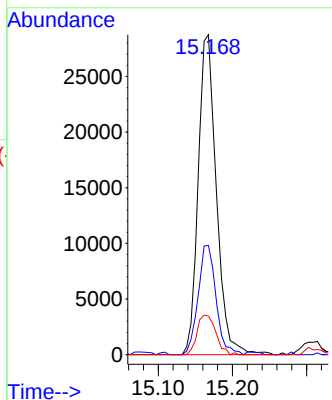
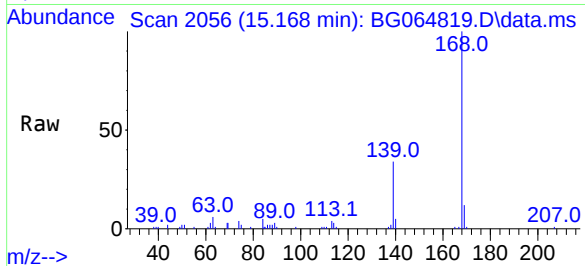




#55
Dibenzenofuran
Concen: 3.882 ng
RT: 15.168 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

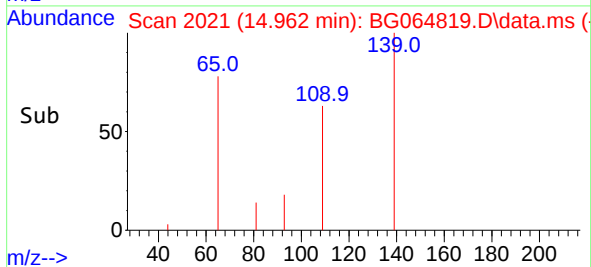
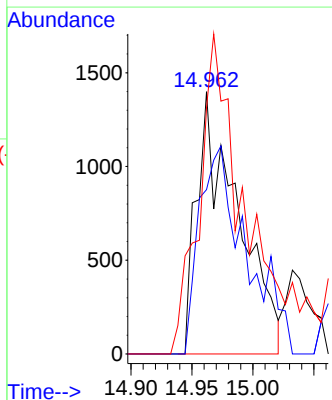
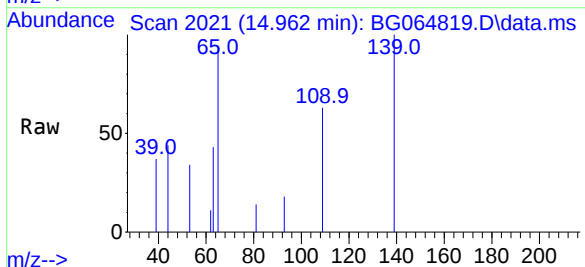
Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

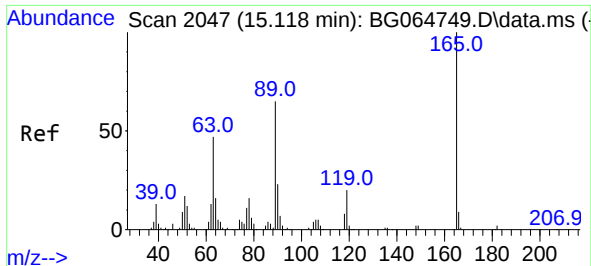
Tgt Ion:168 Resp: 48926
Ion Ratio Lower Upper
168 100
139 34.1 29.5 44.3
169 12.1 10.4 15.6



#56
4-Nitrophenol
Concen: 2.095 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:139 Resp: 3280
Ion Ratio Lower Upper
139 100
109 62.7 79.7 119.7#
65 93.9 89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 3.490 ng

RT: 15.115 min Scan# 2047

Delta R.T. -0.003 min

Lab File: BG064819.D

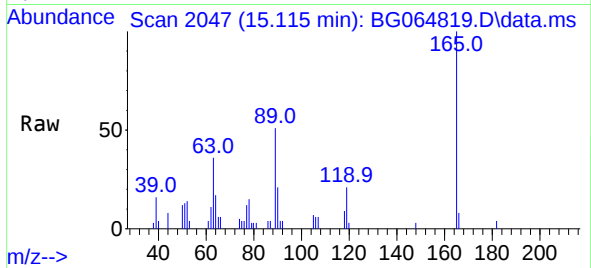
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:165 Resp: 10458

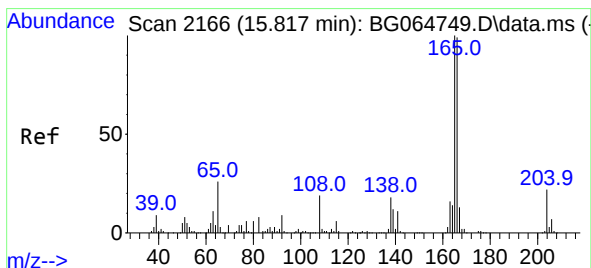
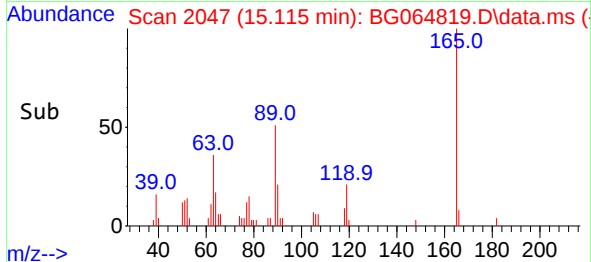
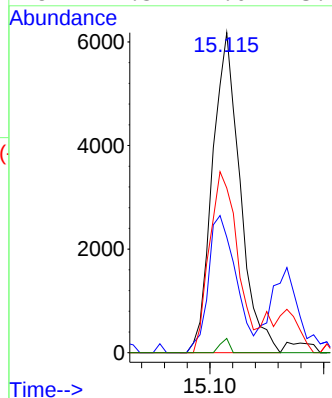
Ion Ratio Lower Upper

165 100

63 36.1 37.8 56.6#

89 51.5 51.6 77.4#

182 4.5 2.0 3.0#



#58

Fluorene

Concen: 3.894 ng

RT: 15.808 min Scan# 2165

Delta R.T. -0.009 min

Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

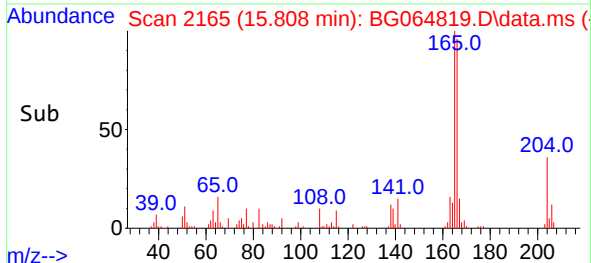
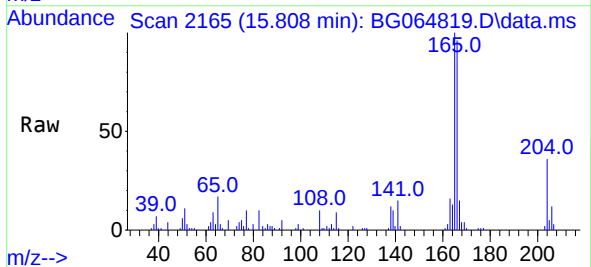
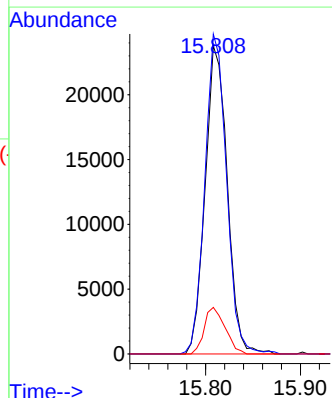
Tgt Ion:166 Resp: 38484

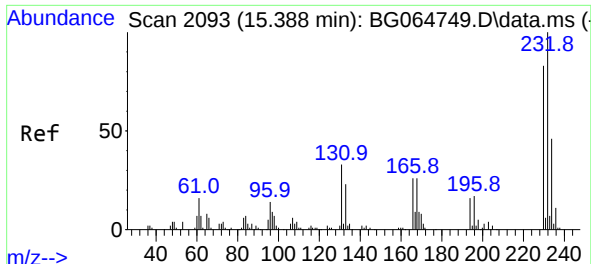
Ion Ratio Lower Upper

166 100

165 103.8 80.5 120.7

167 15.1 10.3 15.5

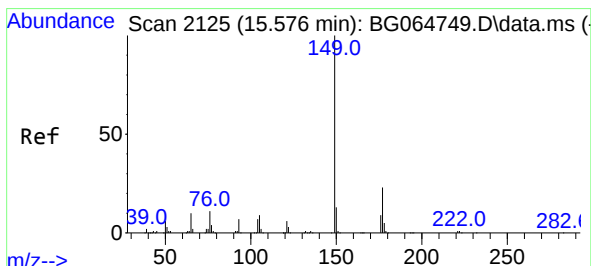
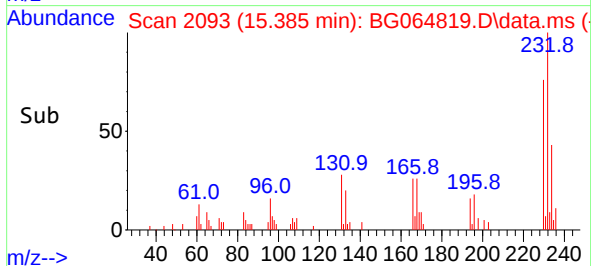
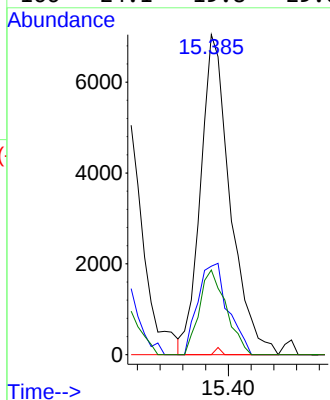
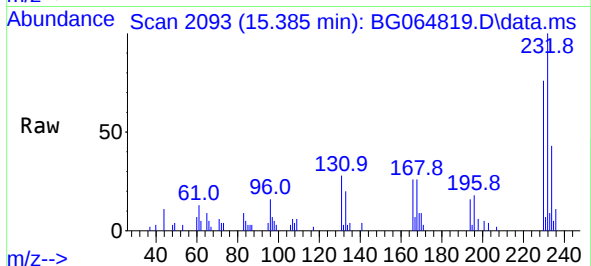




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.825 ng
RT: 15.385 min Scan# 2093
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

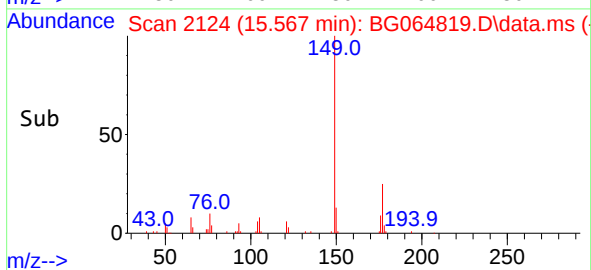
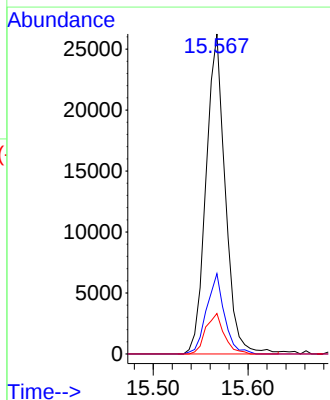
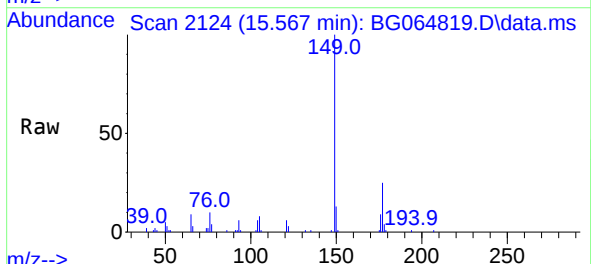
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

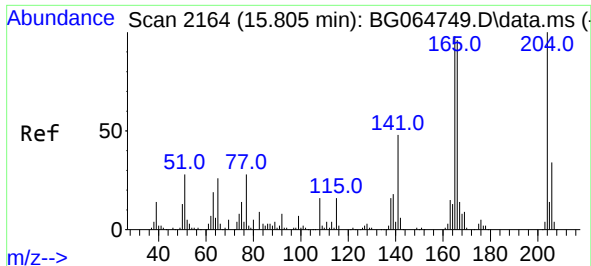
Tgt Ion:232 Resp: 12713
Ion Ratio Lower Upper
232 100
131 29.2 26.0 39.0
130 0.4 1.6 2.4#
166 24.1 19.8 29.6



#60
Diethylphthalate
Concen: 3.707 ng
RT: 15.567 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:149 Resp: 36889
Ion Ratio Lower Upper
149 100
177 25.1 18.4 27.6
150 12.7 10.1 15.1

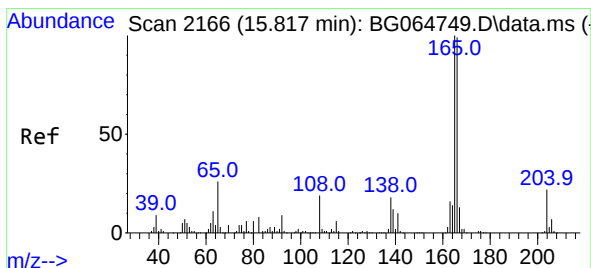
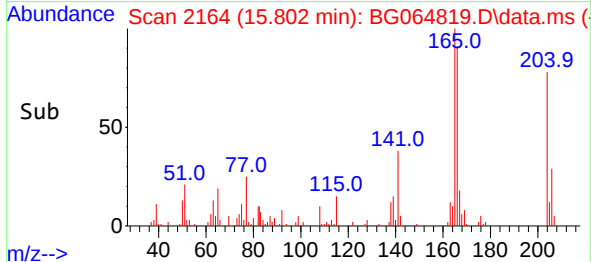
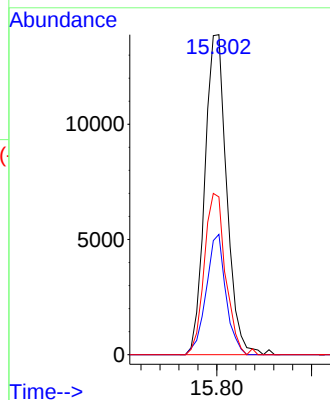
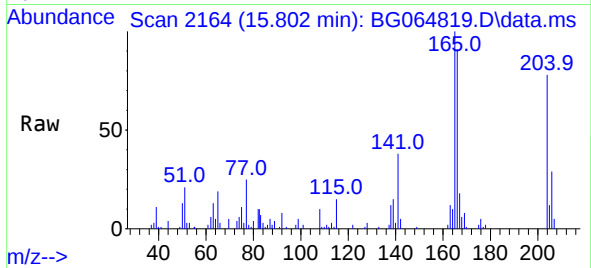




#61
4-Chlorophenyl-phenylether
Concen: 3.738 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

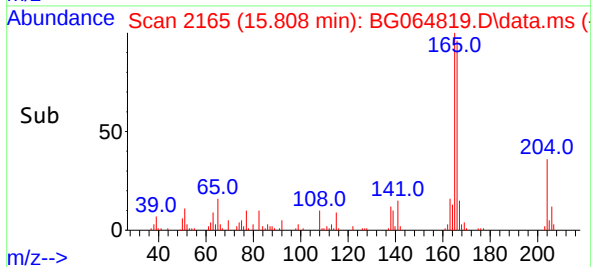
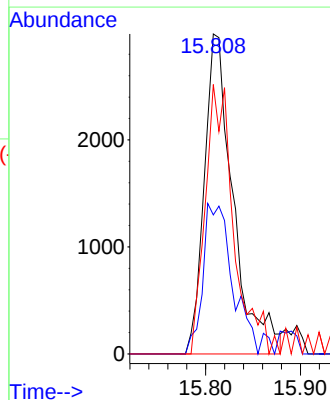
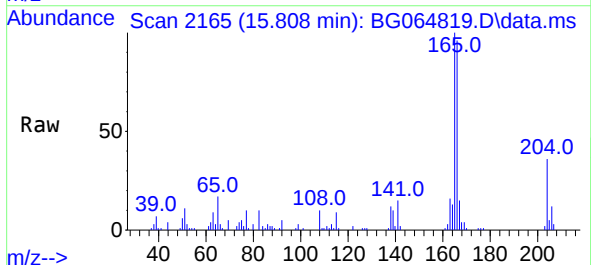
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

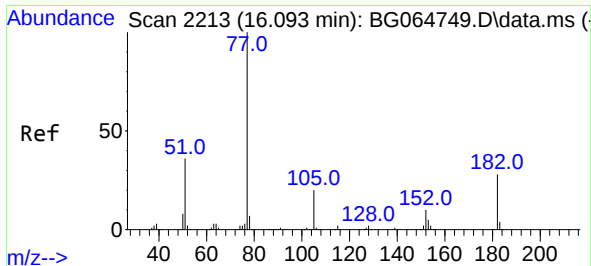
Tgt Ion:204 Resp: 22170
Ion Ratio Lower Upper
204 100
206 37.6 26.9 40.3
141 49.3 38.1 57.1



#62
4-Nitroaniline
Concen: 3.104 ng
RT: 15.808 min Scan# 2165
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:138 Resp: 6345
Ion Ratio Lower Upper
138 100
92 43.4 30.7 70.7
108 84.2 85.7 125.7#

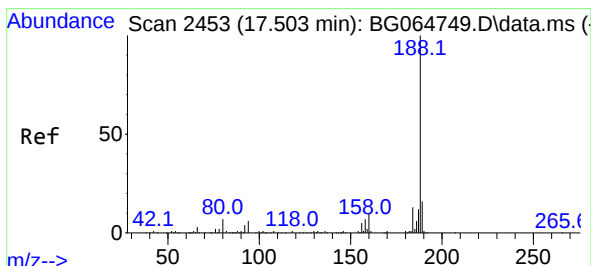
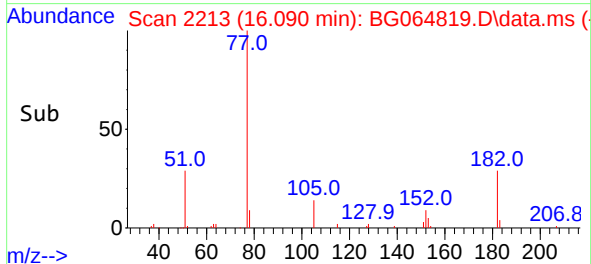
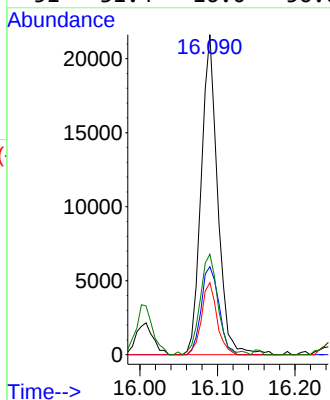
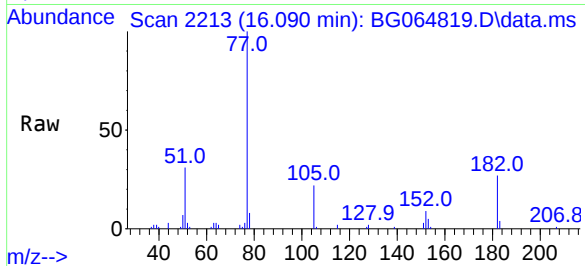




#63
Azobenzene
Concen: 3.848 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

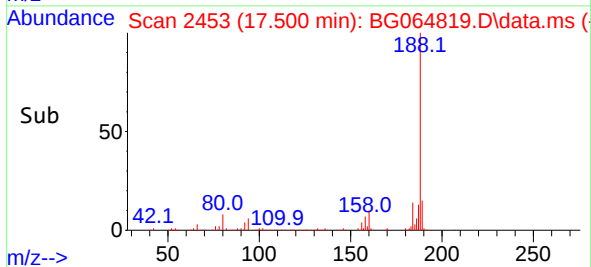
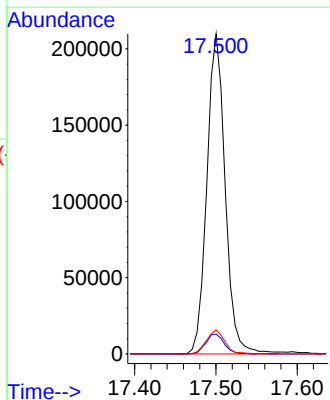
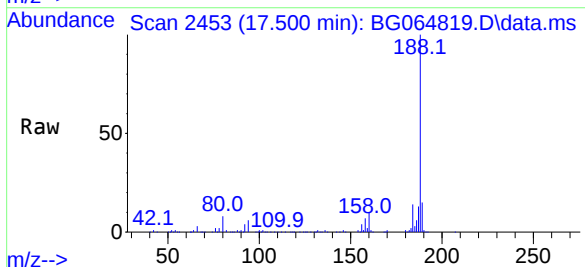
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

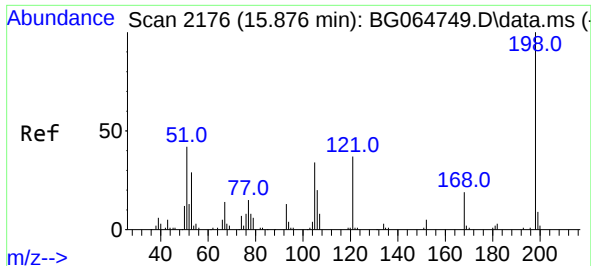
Tgt Ion: 77	Resp: 31852
Ion Ratio	Lower Upper
77 100	
182 27.5	8.1 48.1
105 22.5	0.1 40.1
51 31.4	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:188	Resp: 328004
Ion Ratio	Lower Upper
188 100	
94 6.2	4.7 7.1
80 7.5	5.4 8.2

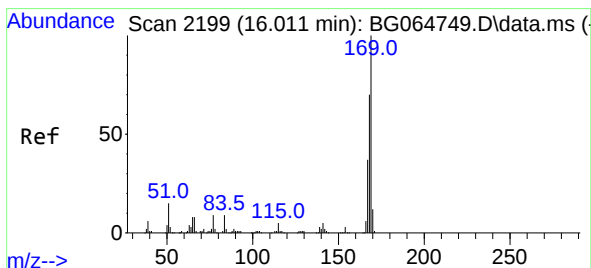
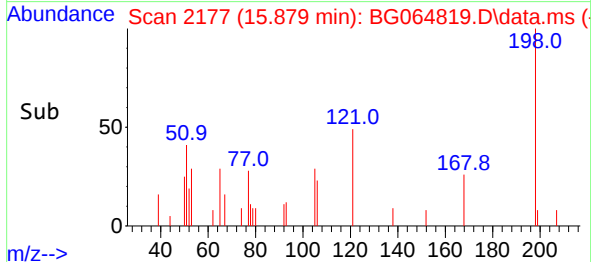
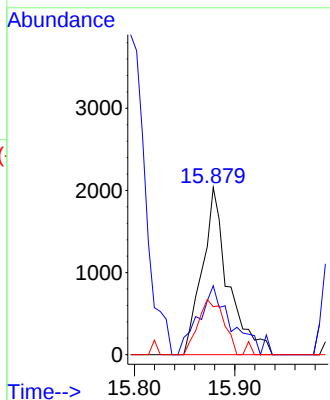
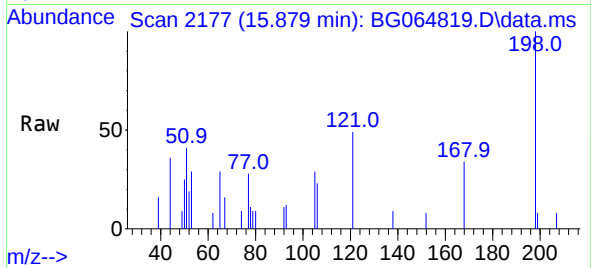




#65
4,6-Dinitro-2-methylphenol
Concen: 2.015 ng
RT: 15.879 min Scan# 2176
Delta R.T. 0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

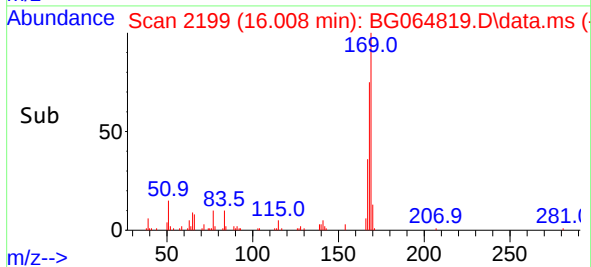
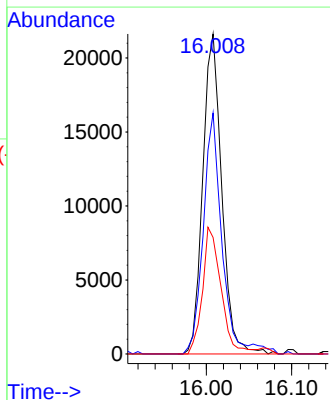
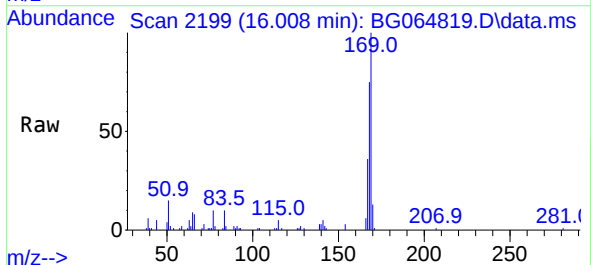
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

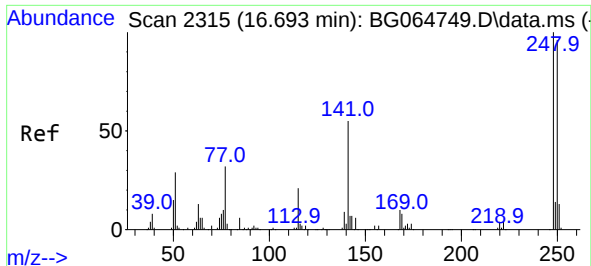
Tgt Ion:198 Resp: 3669
Ion Ratio Lower Upper
198 100
51 41.3 25.2 65.2
105 28.7 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 3.892 ng
RT: 16.008 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:169 Resp: 33442
Ion Ratio Lower Upper
169 100
168 75.3 55.9 83.9
167 36.4 29.8 44.6





#67

4-Bromophenyl-phenylether

Concen: 3.716 ng

RT: 16.689 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG064819.D

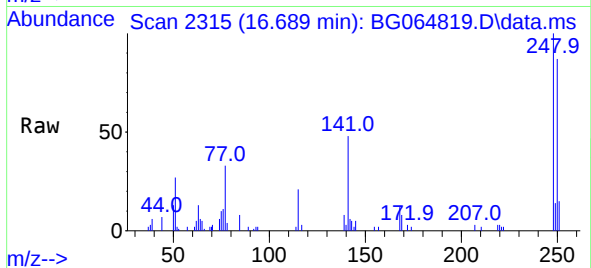
Acq: 19 Nov 2025 17:23

Instrument :

BNA_G

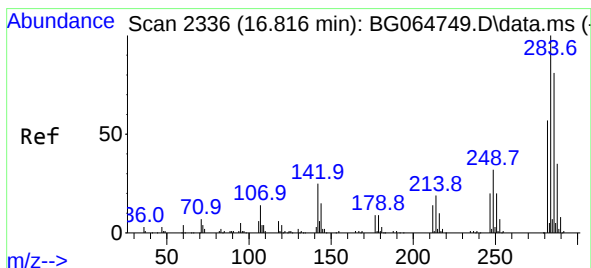
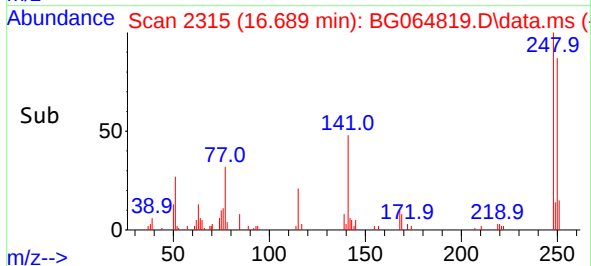
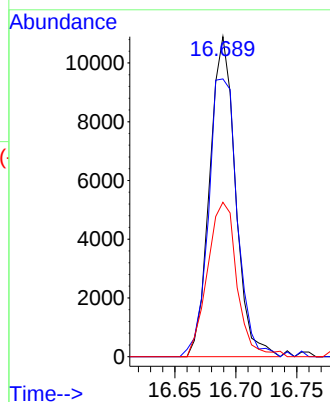
ClientSampleId :

LOD-MDL-SOIL-01-QT4-2025



Tgt Ion:248 Resp: 16006

Ion	Ratio	Lower	Upper
248	100		
250	86.8	77.0	115.6
141	48.2	43.7	65.5



#68

Hexachlorobenzene

Concen: 3.683 ng

RT: 16.813 min Scan# 2336

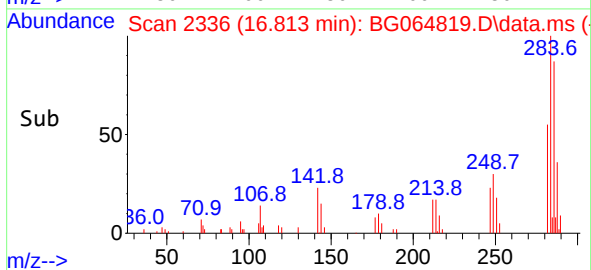
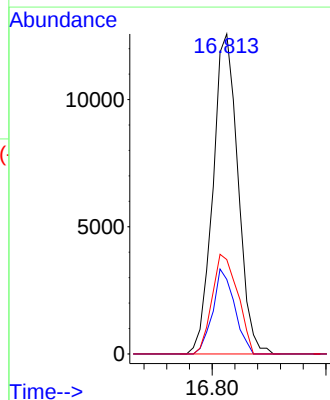
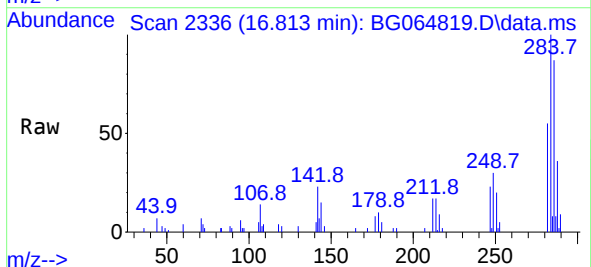
Delta R.T. -0.003 min

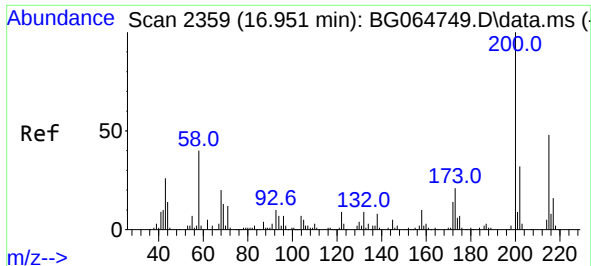
Lab File: BG064819.D

Acq: 19 Nov 2025 17:23

Tgt Ion:284 Resp: 19222

Ion	Ratio	Lower	Upper
284	100		
142	30.7	19.7	29.5#
249	29.5	28.1	42.1

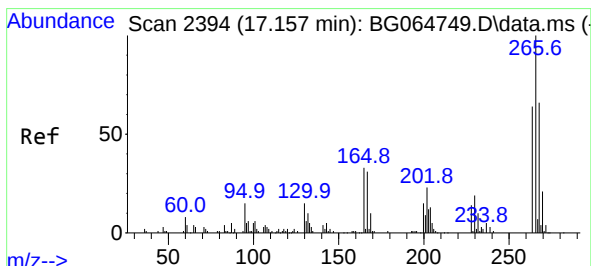
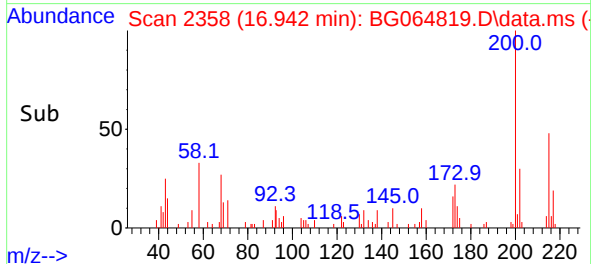
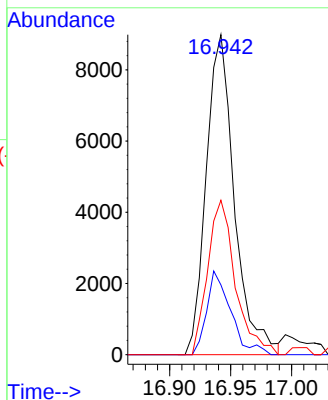
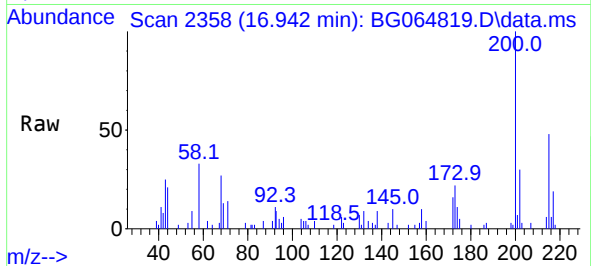




#69
Atrazine
Concen: 3.484 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

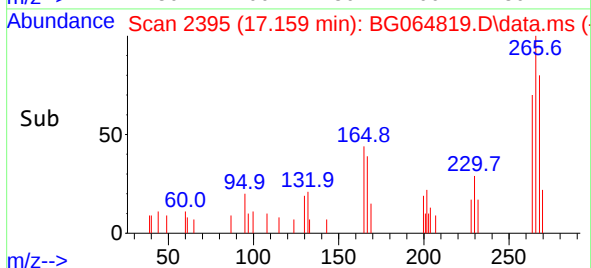
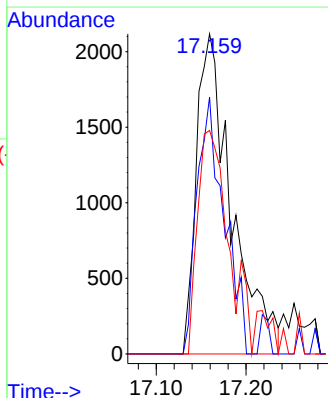
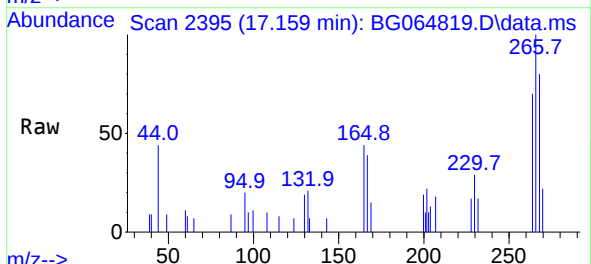
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

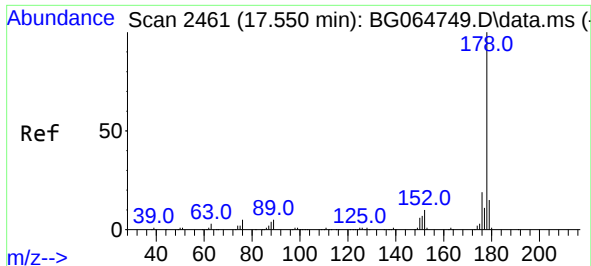
Tgt Ion:200 Resp: 14430
Ion Ratio Lower Upper
200 100
173 21.8 0.9 40.9
215 48.3 27.5 67.5



#70
Pentachlorophenol
Concen: 7.862 ng
RT: 17.159 min Scan# 2395
Delta R.T. 0.002 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:266 Resp: 5752
Ion Ratio Lower Upper
266 100
268 80.3 56.1 84.1
264 69.9 51.2 76.8

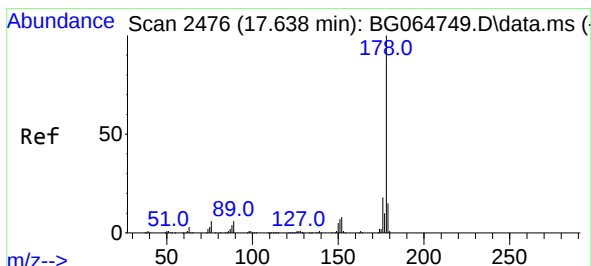
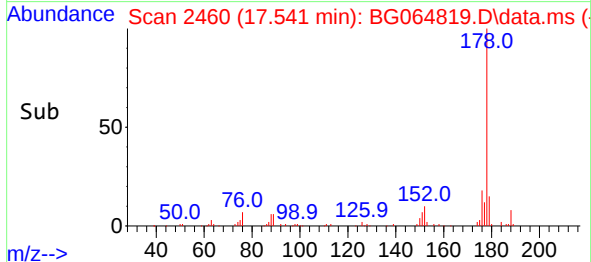
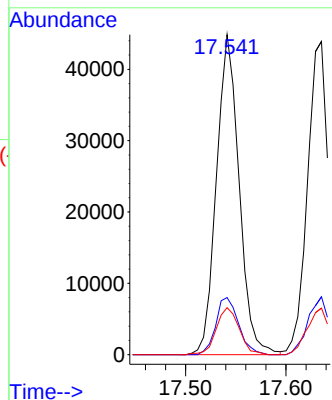
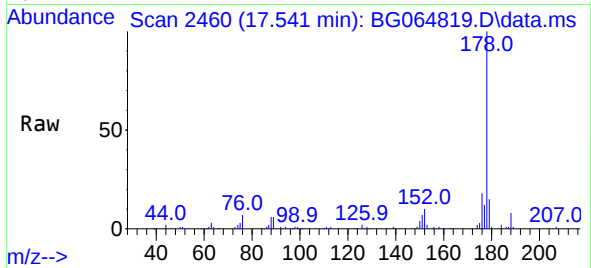




#71
Phenanthrene
Concen: 3.921 ng
RT: 17.541 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

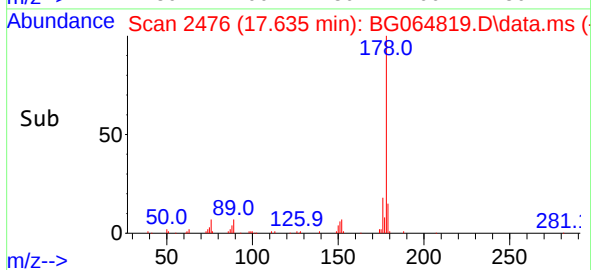
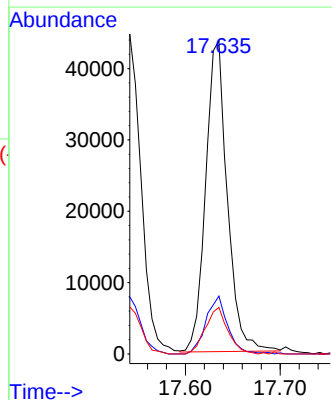
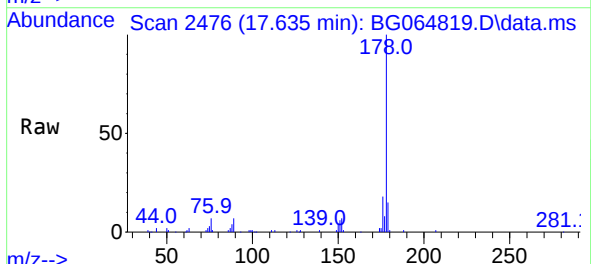
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

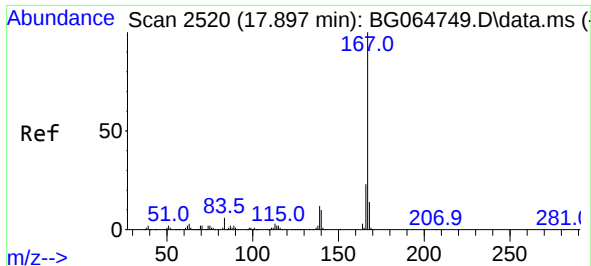
Tgt Ion:178 Resp: 70369
Ion Ratio Lower Upper
178 100
176 17.9 14.8 22.2
179 14.7 12.2 18.4



#72
Anthracene
Concen: 3.773 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:178 Resp: 69046
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 14.9 12.2 18.4

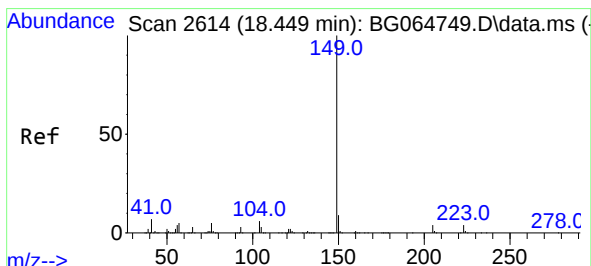
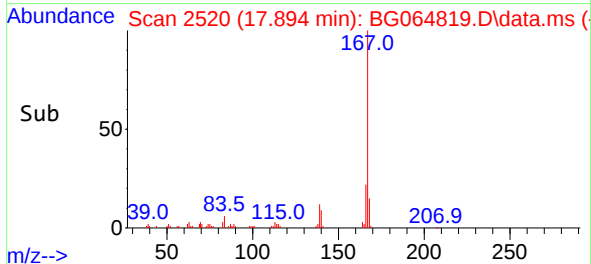
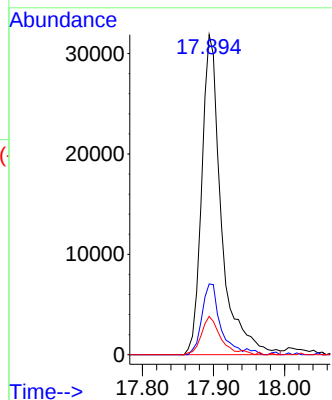
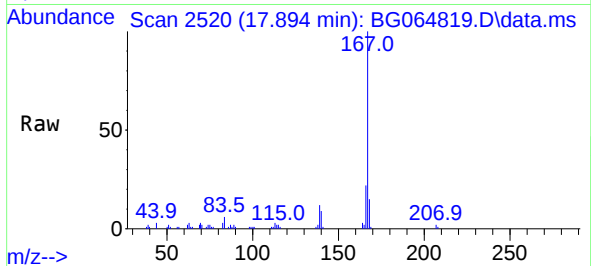




#73
 Carbazole
 Concen: 3.889 ng
 RT: 17.894 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

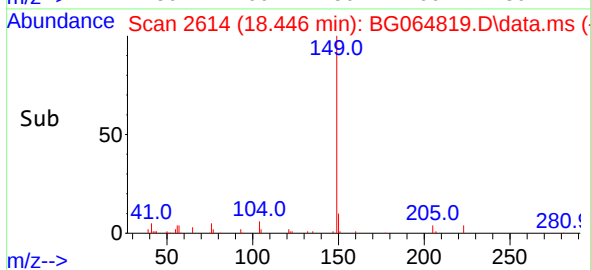
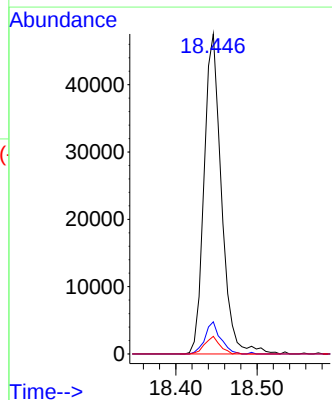
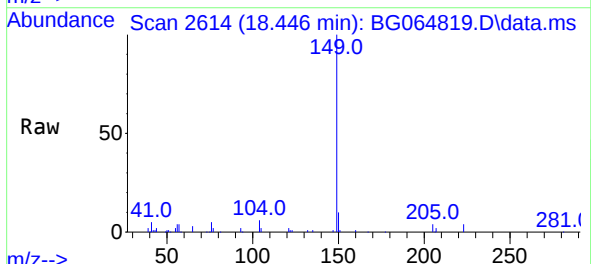
Instrument : BNA_G
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2025

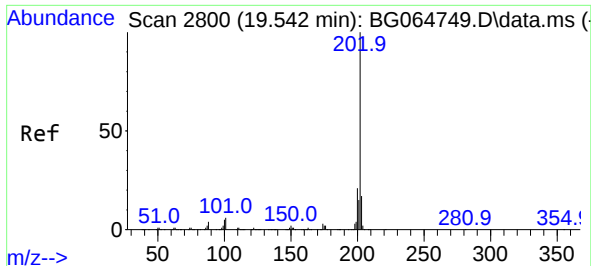
Tgt Ion:167	Resp:	61179
Ion	Ratio	Lower Upper
167	100	
166	22.1	18.0 27.0
139	12.0	9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 4.021 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.003 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

Tgt Ion:149	Resp:	70569
Ion	Ratio	Lower Upper
149	100	
150	10.1	7.5 11.3
104	5.5	4.4 6.6

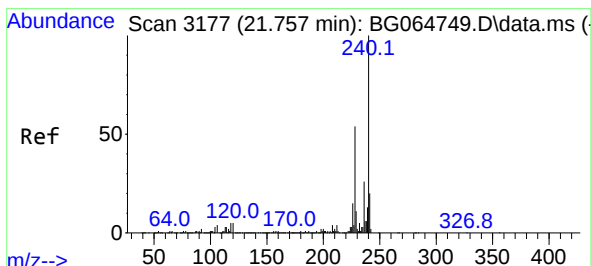
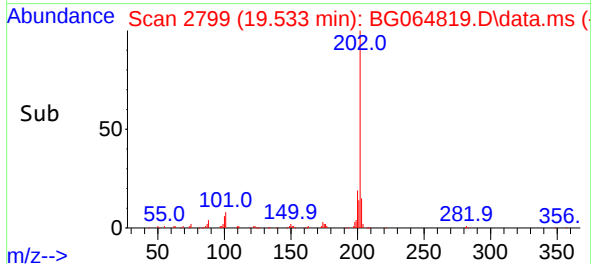
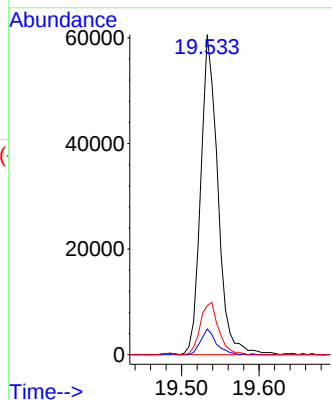
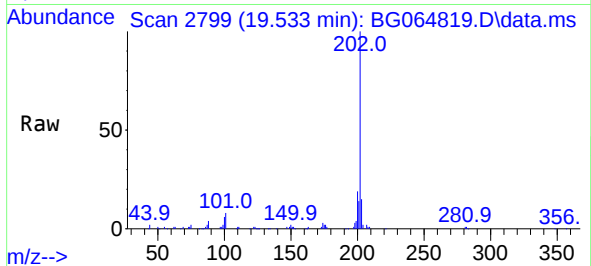




#75
Fluoranthene
Concen: 3.781 ng
RT: 19.533 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

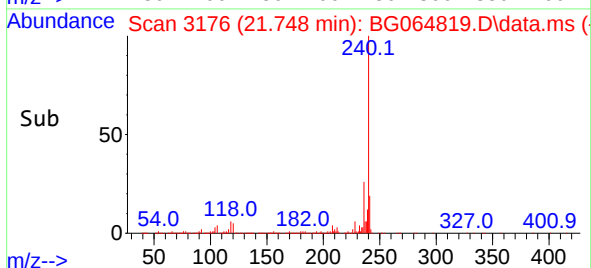
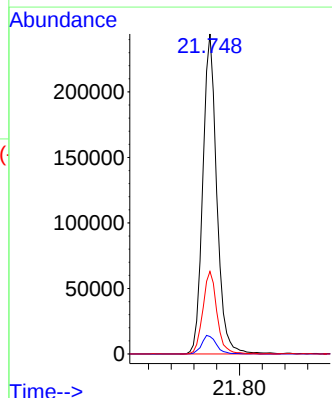
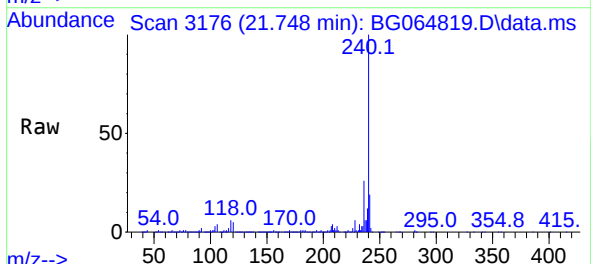
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

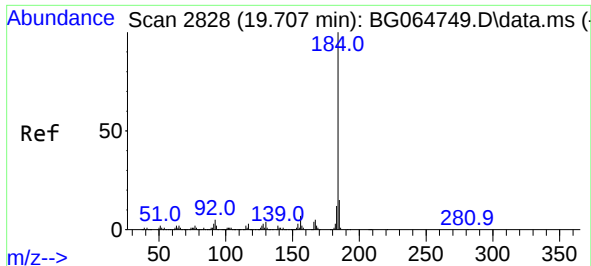
Tgt Ion:202 Resp: 92784
Ion Ratio Lower Upper
202 100
101 8.0 0.0 26.4
203 15.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:240 Resp: 415512
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.4
236 25.8 20.8 31.2

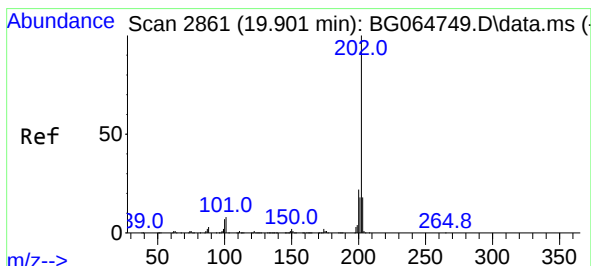
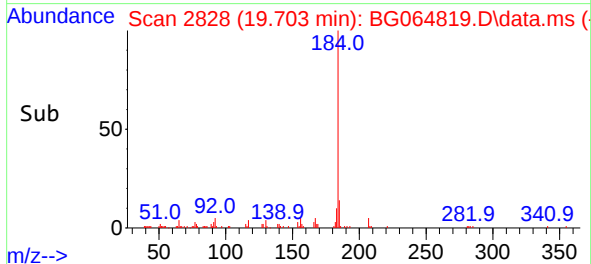
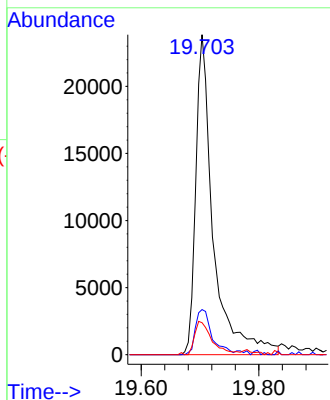
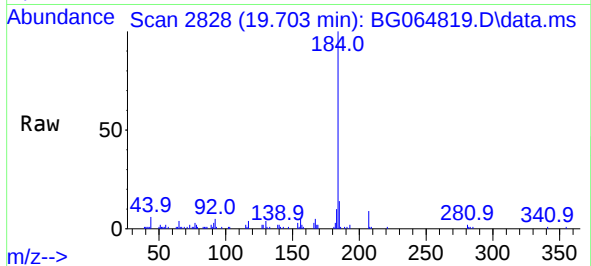




#77
Benzidine
Concen: 3.946 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

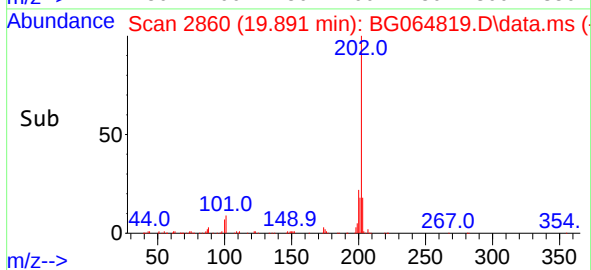
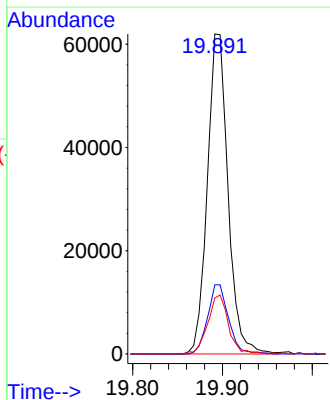
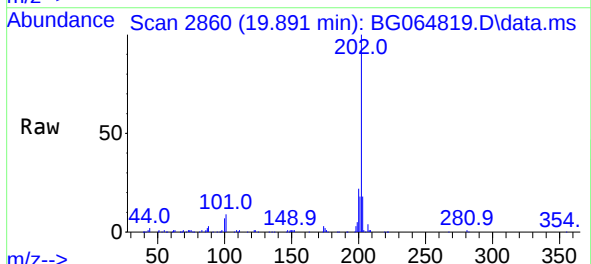
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

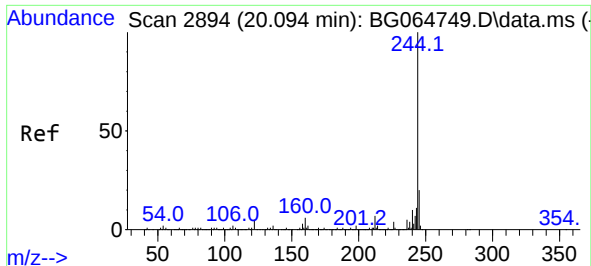
Tgt Ion:184 Resp: 49108
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 10.0 9.8 14.6



#78
Pyrene
Concen: 4.254 ng
RT: 19.891 min Scan# 2860
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:202 Resp: 99066
Ion Ratio Lower Upper
202 100
200 21.6 17.9 26.9
203 17.5 14.0 21.0

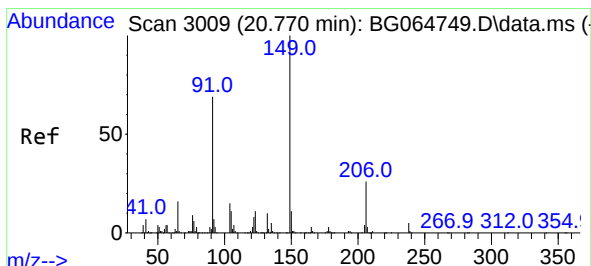
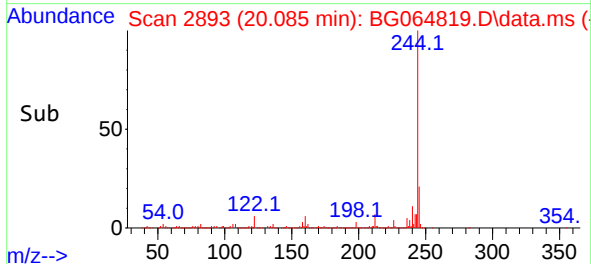
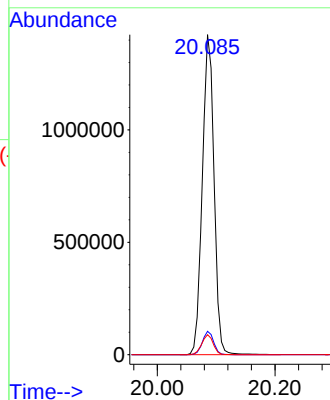
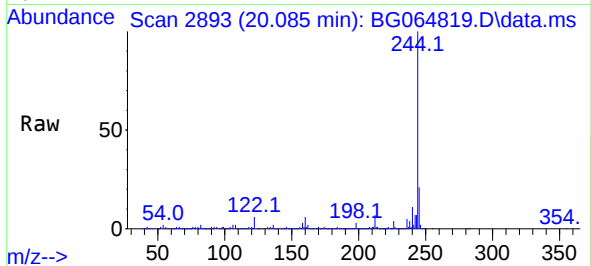




#79
Terphenyl-d14
Concen: 93.187 ng
RT: 20.085 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

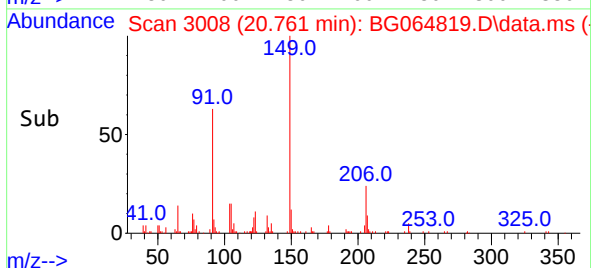
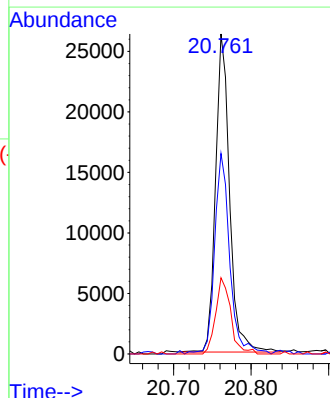
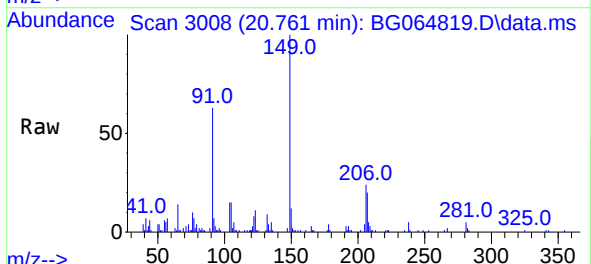
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

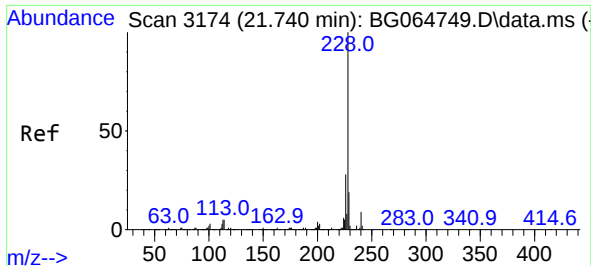
Tgt Ion:244 Resp: 1968405
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 6.3 4.3 6.5



#80
Butylbenzylphthalate
Concen: 4.043 ng
RT: 20.761 min Scan# 3008
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:149 Resp: 33116
Ion Ratio Lower Upper
149 100
91 62.7 54.9 82.3
206 23.8 21.2 31.8

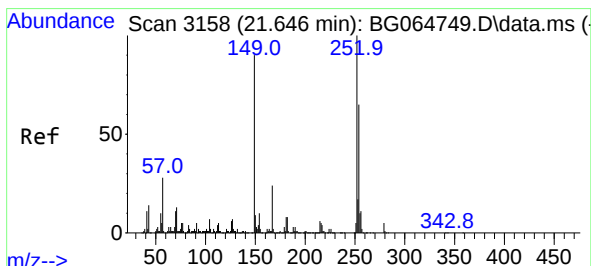
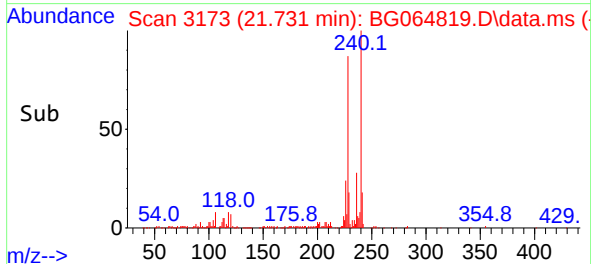
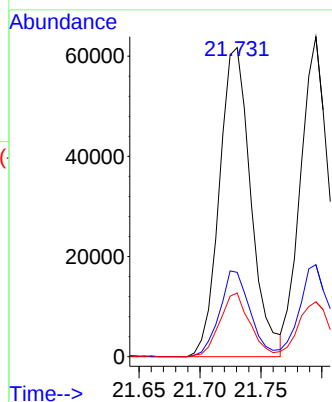
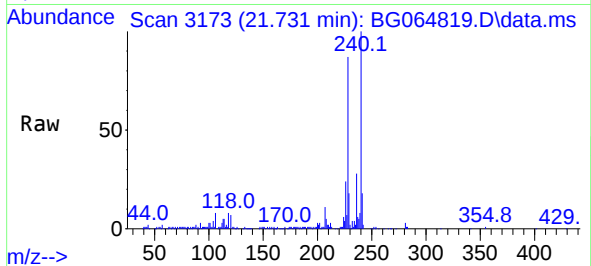




#81
Benzo(a)anthracene
Concen: 3.933 ng
RT: 21.731 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

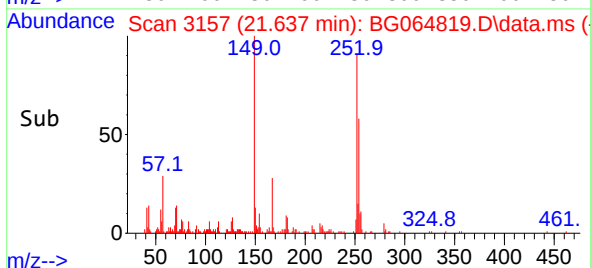
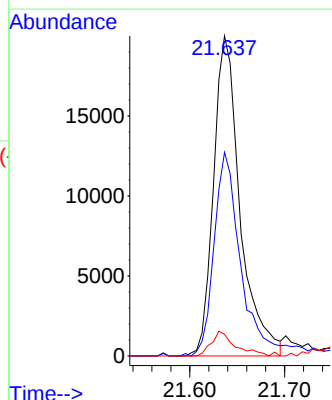
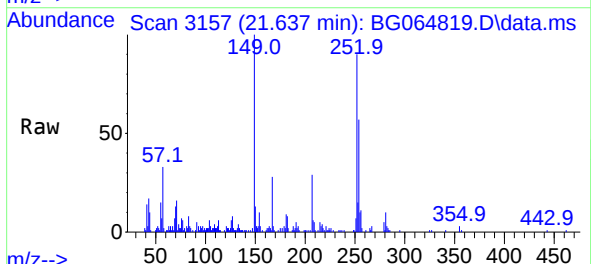
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

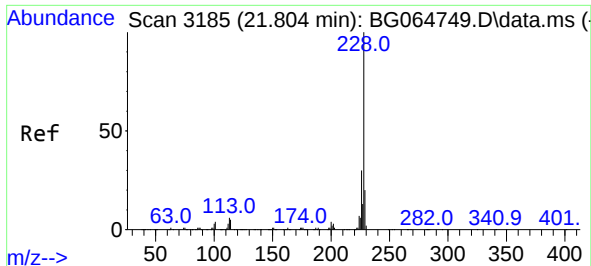
Tgt Ion:228 Resp: 111132
Ion Ratio Lower Upper
228 100
226 27.3 22.1 33.1
229 20.6 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 3.741 ng
RT: 21.637 min Scan# 3157
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:252 Resp: 38905
Ion Ratio Lower Upper
252 100
254 63.7 51.8 77.8
126 6.7 4.7 7.1

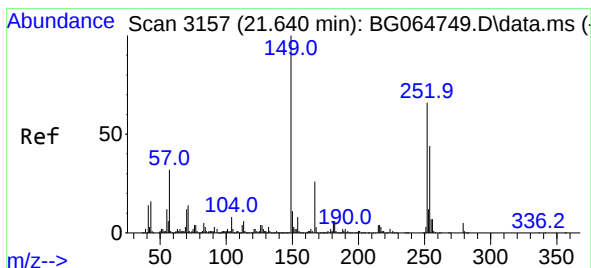
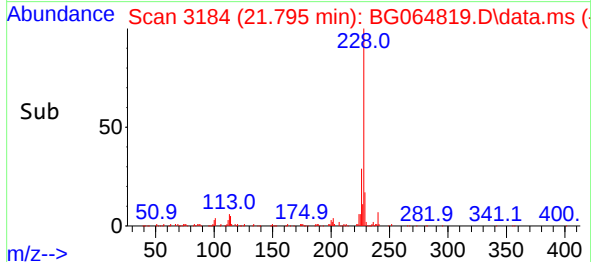
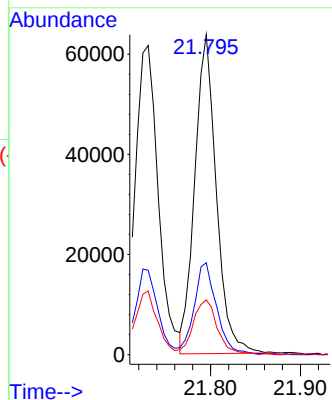
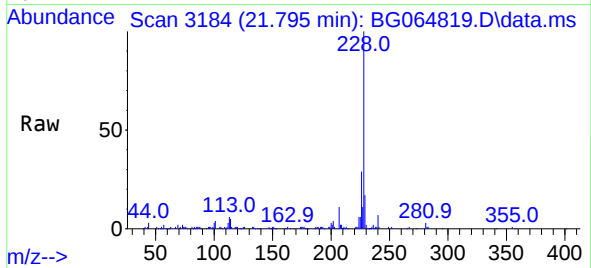




#83
Chrysene
Concen: 3.983 ng
RT: 21.795 min Scan# 3184
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

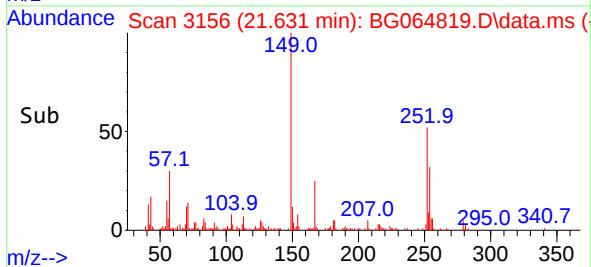
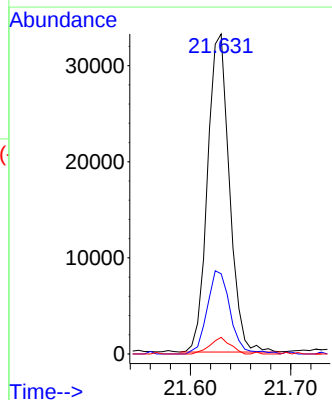
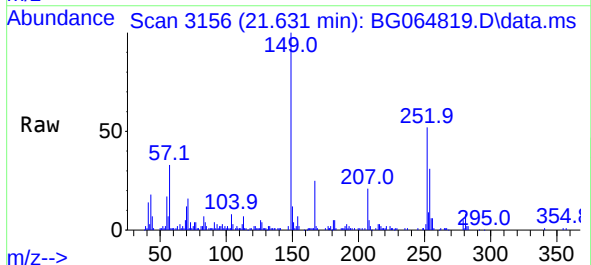
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

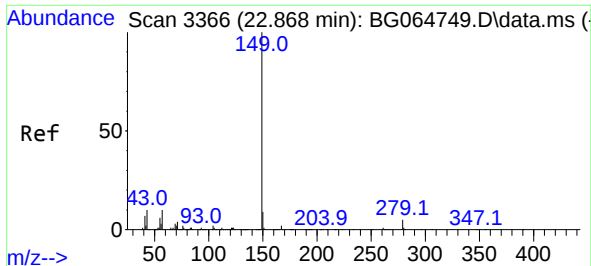
Tgt Ion:228 Resp: 106086
Ion Ratio Lower Upper
228 100
226 28.7 24.2 36.2
229 17.2 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.188 ng
RT: 21.631 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:149 Resp: 50132
Ion Ratio Lower Upper
149 100
167 25.1 21.0 31.4
279 5.2 4.1 6.1

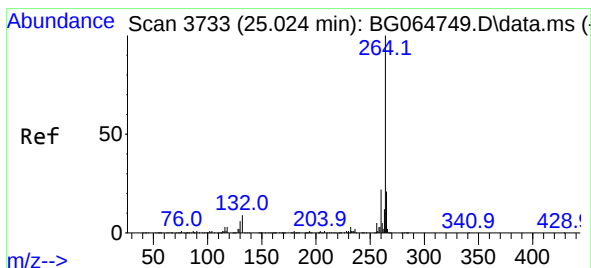
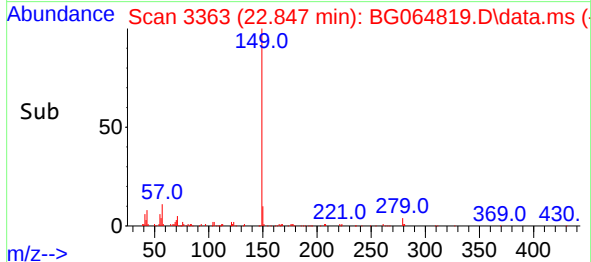
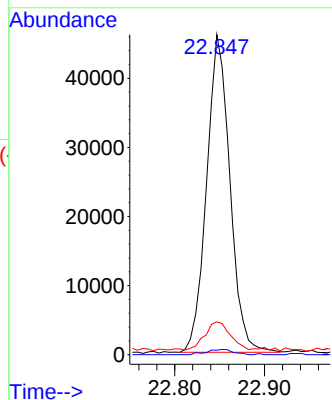
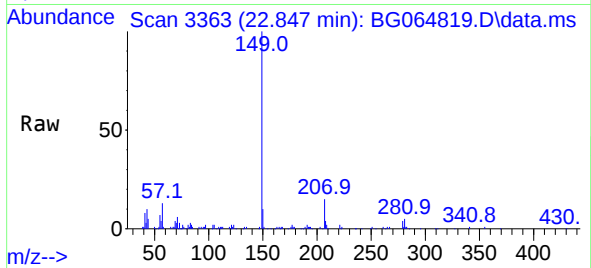




#85
Di-n-octyl phthalate
Concen: 4.002 ng
RT: 22.847 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

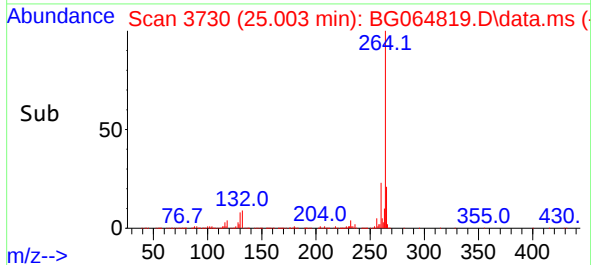
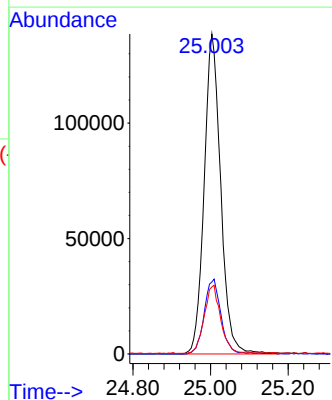
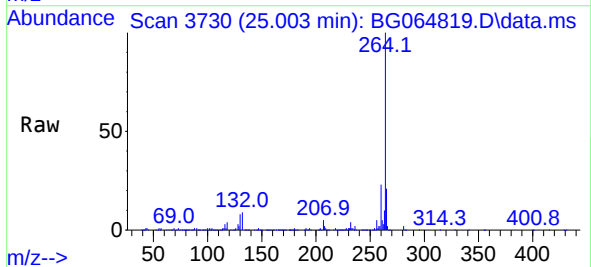
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

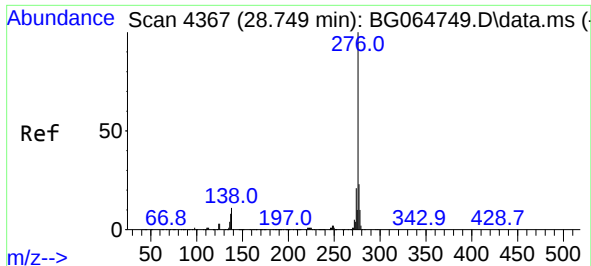
Tgt Ion:149 Resp: 82801
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8#
43 10.8 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.003 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:264 Resp: 410017
Ion Ratio Lower Upper
264 100
260 22.5 17.2 25.8
265 21.0 16.6 25.0

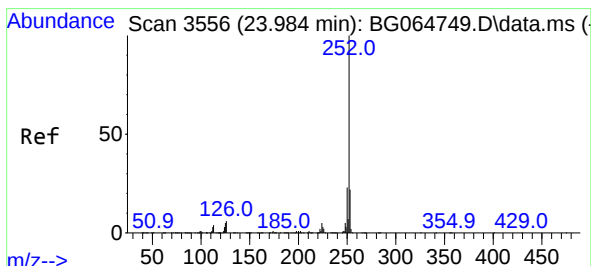
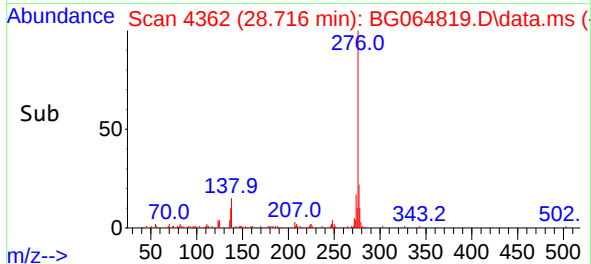
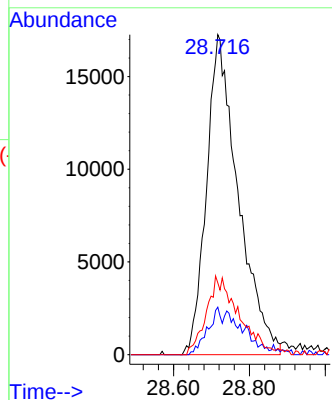
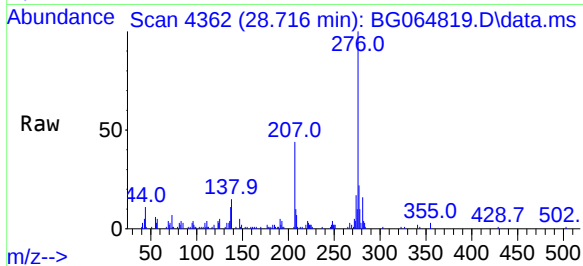




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.551 ng
 RT: 28.716 min Scan# 41
 Delta R.T. -0.033 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

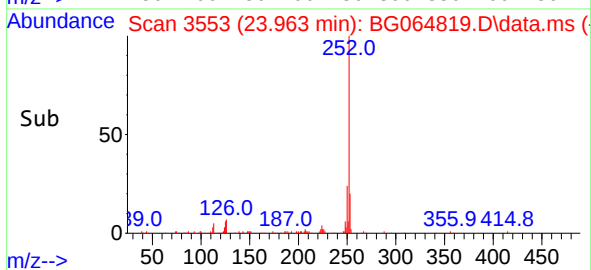
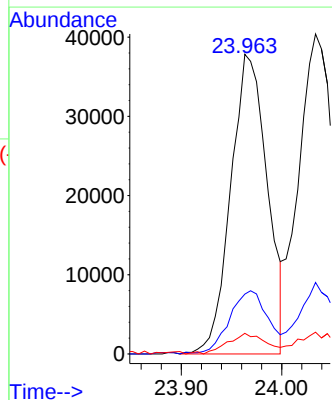
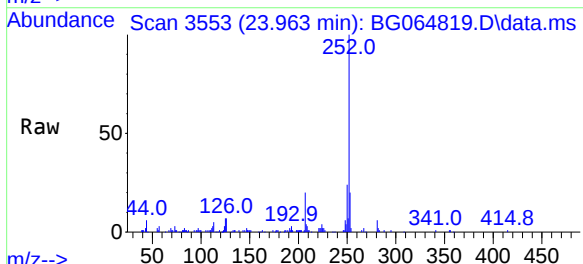
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

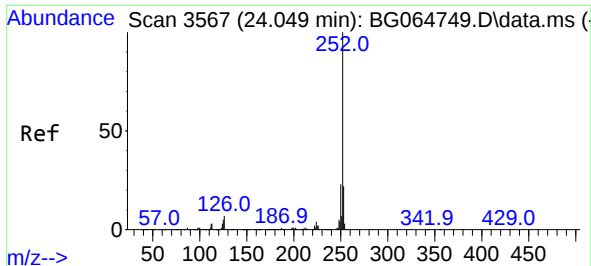
Tgt Ion:276 Resp: 100044
 Ion Ratio Lower Upper
 276 100
 138 6.5 4.5 6.7
 277 10.8 20.0 30.0#



#88
 Benzo(b)fluoranthene
 Concen: 3.670 ng
 RT: 23.963 min Scan# 3553
 Delta R.T. -0.021 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

Tgt Ion:252 Resp: 95765
 Ion Ratio Lower Upper
 252 100
 253 20.0 17.4 26.2
 125 6.9 4.2 6.2#

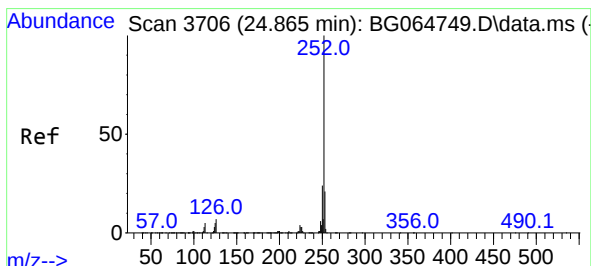
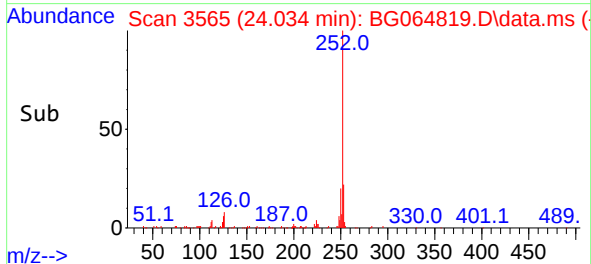
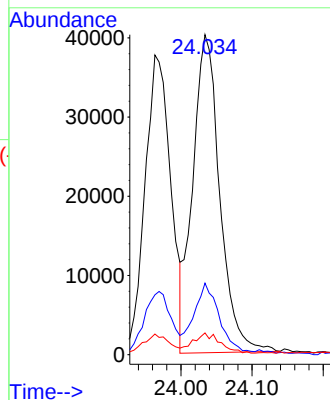
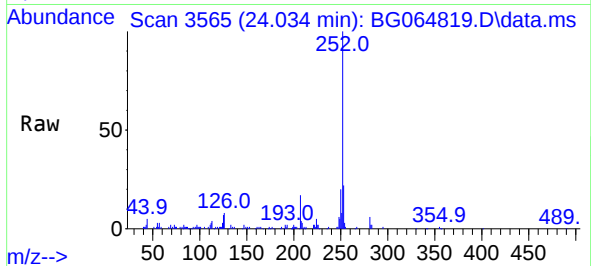




#89
Benzo(k)fluoranthene
Concen: 4.048 ng
RT: 24.034 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

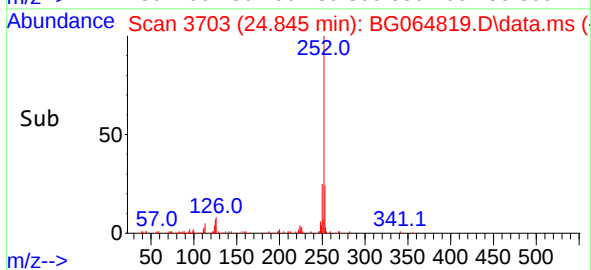
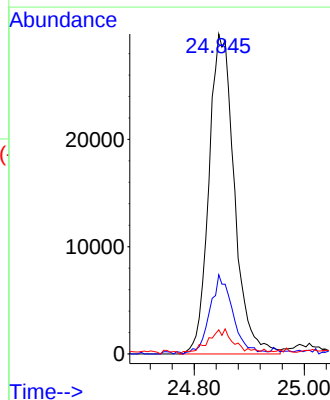
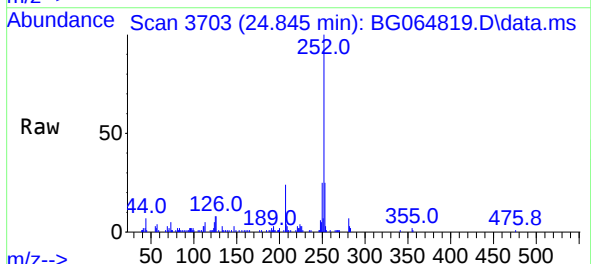
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

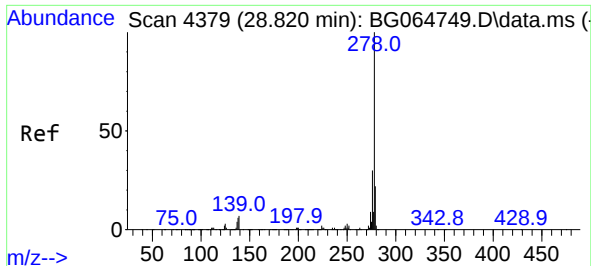
Tgt Ion:252 Resp: 106114
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.8 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 3.950 ng
RT: 24.845 min Scan# 3703
Delta R.T. -0.021 min
Lab File: BG064819.D
Acq: 19 Nov 2025 17:23

Tgt Ion:252 Resp: 95596
Ion Ratio Lower Upper
252 100
253 24.7 16.9 25.3
125 7.5 4.2 6.4#

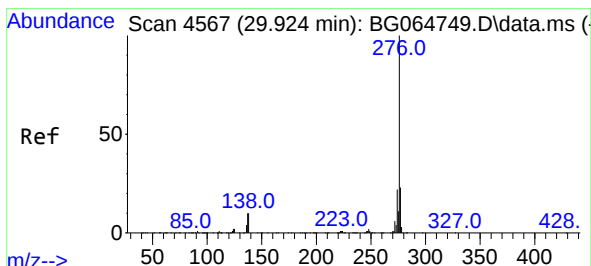
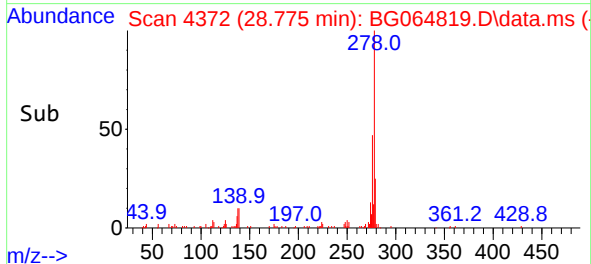
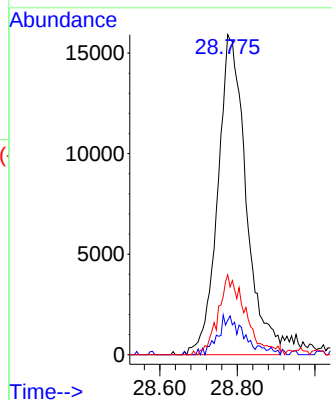
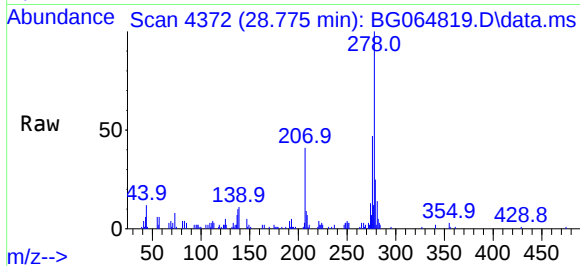




#91
 Dibenzo(a,h)anthracene
 Concen: 3.481 ng
 RT: 28.775 min Scan# 41
 Delta R.T. -0.044 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:278 Resp: 80328
 Ion Ratio Lower Upper
 278 100
 139 10.8 5.8 8.8#
 279 25.0 17.3 25.9



#92
 Benzo(g,h,i)perylene
 Concen: 3.658 ng
 RT: 29.880 min Scan# 4560
 Delta R.T. -0.044 min
 Lab File: BG064819.D
 Acq: 19 Nov 2025 17:23

Tgt Ion:276 Resp: 81253
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.0 27.0
 138 14.1 8.2 12.2#

