

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064815.D
 Acq On : 19 Nov 2025 14:35
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 15:10:58 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	49326	20.000	ng	0.00
21) Naphthalene-d8	10.978	136	197065	20.000	ng	0.00
39) Acenaphthene-d10	14.774	164	163066	20.000	ng	0.00
64) Phenanthrene-d10	17.500	188	403986	20.000	ng	0.00
76) Chrysene-d12	21.748	240	466879	20.000	ng	0.00
86) Perylene-d12	25.009	264	449020	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	302928	107.241	ng	0.00
7) Phenol-d6	7.306	99	437495	116.447	ng	0.00
23) Nitrobenzene-d5	9.327	82	329846	82.757	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	367996	115.711	ng	0.00
45) 2-Fluorobiphenyl	13.405	172	935526	80.052	ng	0.00
79) Terphenyl-d14	20.091	244	2163264	91.144	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.528	88	9801	8.962	ng	96
3) Pyridine	3.939	79	26034	7.990	ng	93
4) n-Nitrosodimethylamine	3.851	42	13027	7.855	ng	# 89
6) Aniline	7.476	93	47209	9.427	ng	96
8) 2-Chlorophenol	7.723	128	29183	9.409	ng	94
9) Benzaldehyde	7.288	77	26895	10.936	ng	91
10) Phenol	7.335	94	36226	8.862	ng	96
11) bis(2-Chloroethyl)ether	7.570	93	26613	9.149	ng	96
12) 1,3-Dichlorobenzene	8.052	146	33859	9.487	ng	93
13) 1,4-Dichlorobenzene	8.199	146	34118	9.388	ng	96
14) 1,2-Dichlorobenzene	8.516	146	33132	9.402	ng	98
15) Benzyl Alcohol	8.393	79	27441	8.898	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.687	45	60127	8.733	ng	97
17) 2-Methylphenol	8.593	107	26706	9.233	ng	93
18) Hexachloroethane	9.257	117	12365	8.983	ng	91
19) n-Nitroso-di-n-propyla...	8.963	70	24512	9.649	ng	# 86
20) 3+4-Methylphenols	8.922	107	34349	8.669	ng	95
22) Acetophenone	8.980	105	49264	9.176	ng	# 98
24) Nitrobenzene	9.368	77	36526	9.070	ng	99
25) Isophorone	9.891	82	69153	9.111	ng	99
26) 2-Nitrophenol	10.085	139	16272	8.983	ng	96
27) 2,4-Dimethylphenol	10.132	122	23216	7.214	ng	97
28) bis(2-Chloroethoxy)met...	10.367	93	38883	9.331	ng	# 97
29) 2,4-Dichlorophenol	10.626	162	32756	9.481	ng	91
30) 1,2,4-Trichlorobenzene	10.843	180	39999	9.587	ng	99
31) Naphthalene	11.031	128	102573	9.182	ng	97
32) Benzoic acid	10.197	122	6740	8.486	ng	94
33) 4-Chloroaniline	11.131	127	41452	9.276	ng	96
34) Hexachlorobutadiene	11.319	225	31011	8.663	ng	93
35) Caprolactam	11.871	113	9877	9.558	ng	# 75
36) 4-Chloro-3-methylphenol	12.235	107	35541	9.242	ng	98
37) 2-Methylnaphthalene	12.623	142	68098	8.146	ng	99
38) 1-Methylnaphthalene	12.841	142	72961	8.786	ng	93
40) 1,2,4,5-Tetrachloroben...	12.987	216	55705	8.778	ng	98
41) Hexachlorocyclopentadiene	12.970	237	24549	5.397	ng	99
43) 2,4,6-Trichlorophenol	13.211	196	33182	8.909	ng	93

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064815.D
 Acq On : 19 Nov 2025 14:35
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

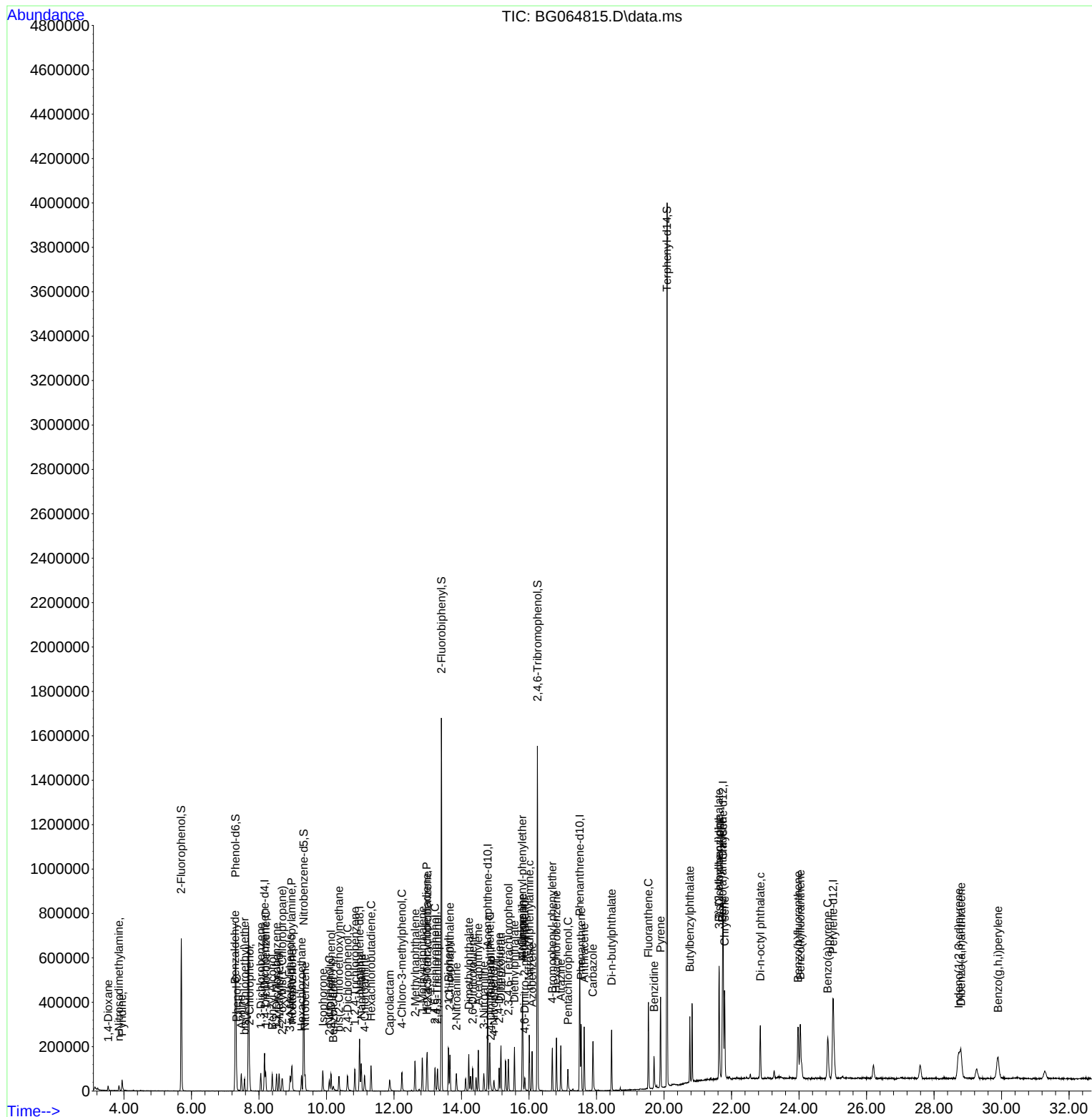
Quant Time: Nov 19 15:10:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

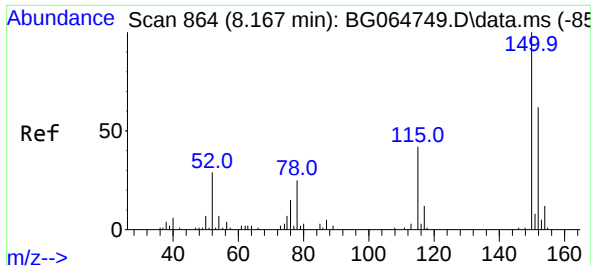
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.287	196	37537	8.986	ng	93
46) 1,1'-Biphenyl	13.616	154	108555	9.269	ng	98
47) 2-Chloronaphthalene	13.657	162	83096	9.006	ng	97
48) 2-Nitroaniline	13.851	65	26387	8.891	ng	98
49) Acenaphthylene	14.497	152	142019	9.009	ng	97
50) Dimethylphthalate	14.215	163	118432	9.194	ng	99
51) 2,6-Dinitrotoluene	14.333	165	23753	9.583	ng	92
52) Acenaphthene	14.838	154	84939	8.987	ng	97
53) 3-Nitroaniline	14.662	138	22011	8.997	ng	97
54) 2,4-Dinitrophenol	14.868	184	7666	12.614	ng	91
55) Dibenzofuran	15.167	168	146469	9.374	ng	94
56) 4-Nitrophenol	14.962	139	14746	7.597	ng	96
57) 2,4-Dinitrotoluene	15.114	165	34714	9.342	ng	# 94
58) Fluorene	15.814	166	113746	9.281	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.391	232	39428	9.566	ng	97
60) Diethylphthalate	15.567	149	117125	9.492	ng	99
61) 4-Chlorophenyl-phenyle...	15.802	204	67135	9.128	ng	98
62) 4-Nitroaniline	15.814	138	22687	8.952	ng	94
63) Azobenzene	16.090	77	97789	9.528	ng	98
65) 4,6-Dinitro-2-methylph...	15.872	198	17592	7.843	ng	92
66) n-Nitrosodiphenylamine	16.007	169	103205	9.753	ng	97
67) 4-Bromophenyl-phenylether	16.689	248	49615	9.352	ng	98
68) Hexachlorobenzene	16.812	284	60868	9.470	ng	90
69) Atrazine	16.942	200	47760	9.361	ng	99
70) Pentachlorophenol	17.153	266	26760	12.638	ng	94
71) Phenanthrene	17.541	178	205262	9.286	ng	99
72) Anthracene	17.635	178	206884	9.179	ng	98
73) Carbazole	17.894	167	182657	9.427	ng	95
74) Di-n-butylphthalate	18.446	149	209853	9.708	ng	98
75) Fluoranthene	19.539	202	265170	8.773	ng	99
77) Benzidine	19.703	184	111295	7.960	ng	98
78) Pyrene	19.897	202	278209	10.632	ng	98
80) Butylbenzylphthalate	20.767	149	95203	10.344	ng	96
81) Benzo(a)anthracene	21.730	228	291962	9.197	ng	99
82) 3,3'-Dichlorobenzidine	21.636	252	110022	9.416	ng	99
83) Chrysene	21.795	228	278017	9.289	ng	98
84) Bis(2-ethylhexyl)phtha...	21.630	149	135814	10.098	ng	97
85) Di-n-octyl phthalate	22.852	149	220057	9.466	ng	99
87) Indeno(1,2,3-cd)pyrene	28.728	276	280251	9.085	ng	# 95
88) Benzo(b)fluoranthene	23.969	252	266076	9.312	ng	99
89) Benzo(k)fluoranthene	24.039	252	269900	9.402	ng	99
90) Benzo(a)pyrene	24.850	252	251184	9.476	ng	# 98
91) Dibenzo(a,h)anthracene	28.798	278	229283	9.073	ng	95
92) Benzo(g,h,i)perylene	29.897	276	221599	9.111	ng	# 97

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

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

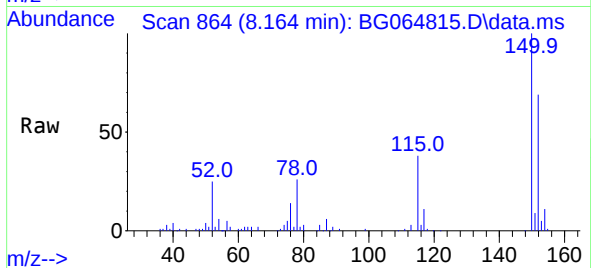
Quant Time: Nov 19 15:10:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration



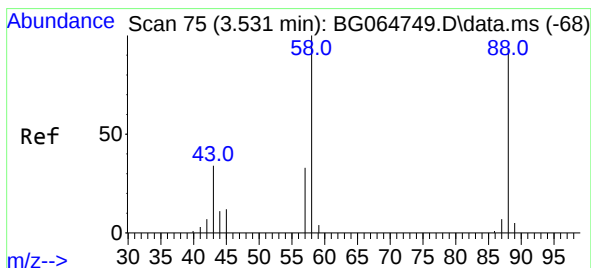
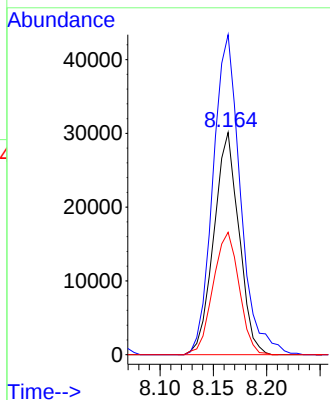
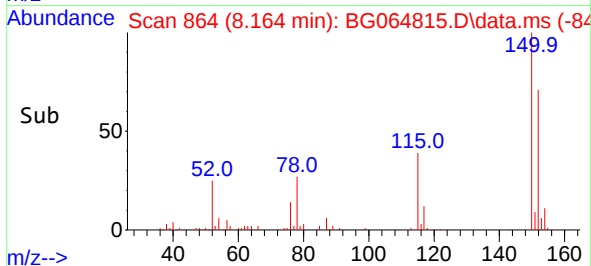


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

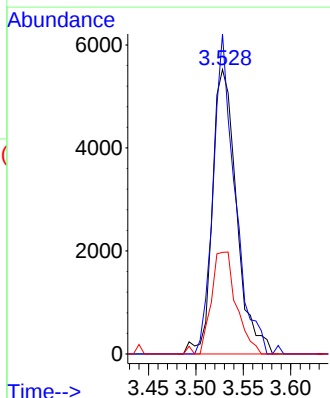
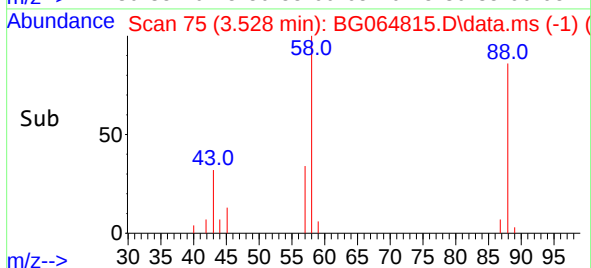
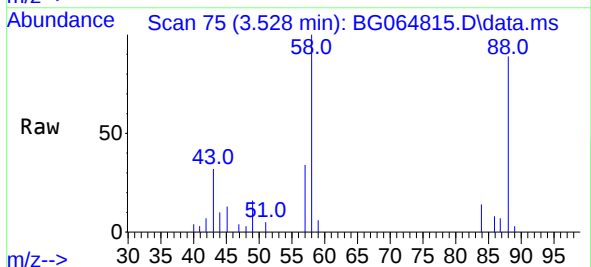


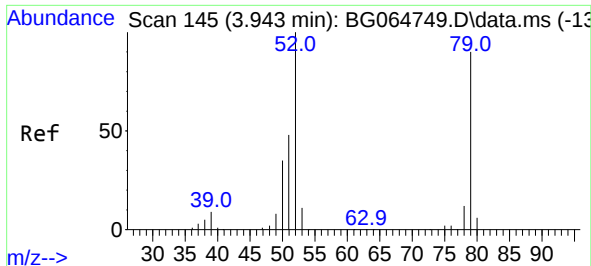
Tgt Ion:152 Resp: 49326
Ion Ratio Lower Upper
152 100
150 144.0 129.2 193.8
115 55.1 53.7 80.5



#2
1,4-Dioxane
Concen: 8.962 ng
RT: 3.528 min Scan# 75
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 88 Resp: 9801
Ion Ratio Lower Upper
88 100
58 100.7 84.6 126.8
43 37.1 30.0 45.0





#3

Pyridine

Concen: 7.990 ng

RT: 3.939 min Scan# 14

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

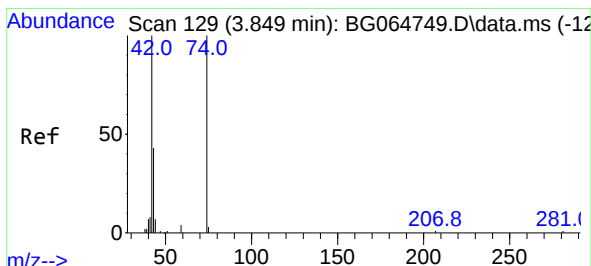
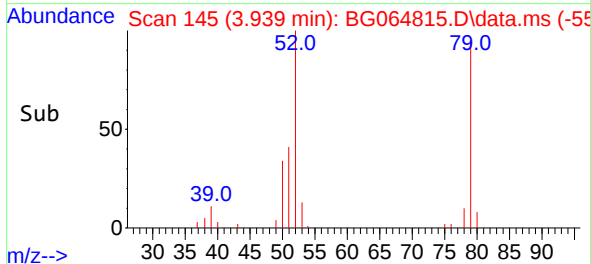
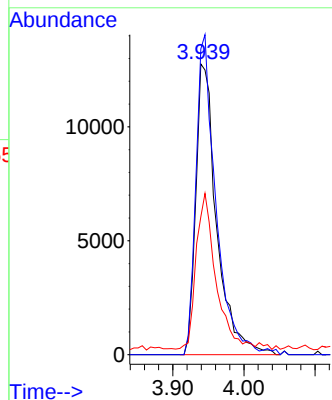
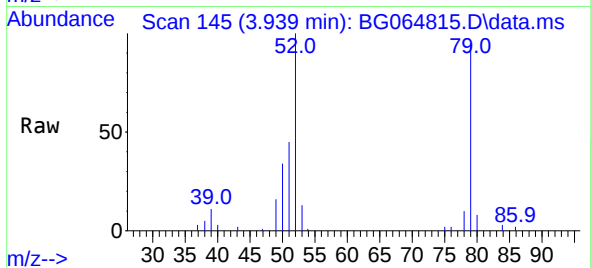
Tgt Ion: 79 Resp: 26034

Ion Ratio Lower Upper

79 100

52 105.1 89.0 133.4

51 47.4 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 7.855 ng

RT: 3.851 min Scan# 130

Delta R.T. 0.002 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

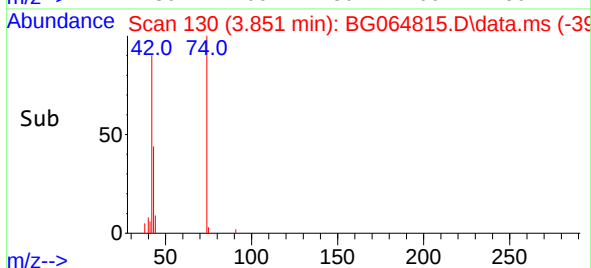
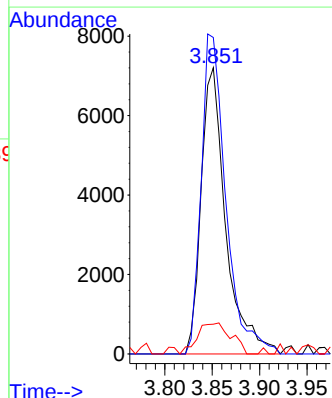
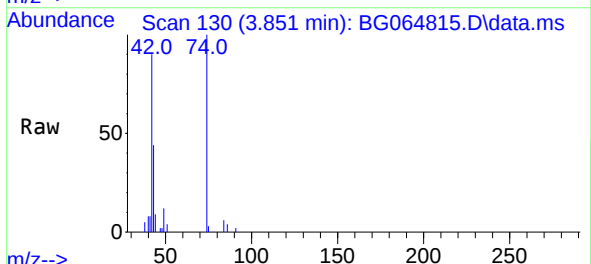
Tgt Ion: 42 Resp: 13027

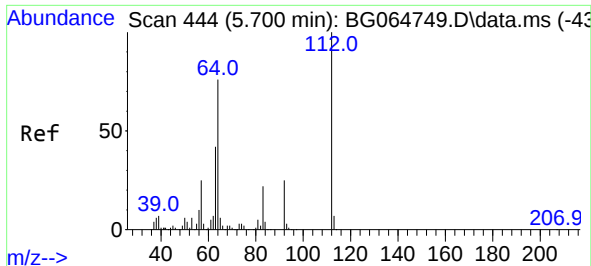
Ion Ratio Lower Upper

42 100

74 110.5 79.8 119.6

44 10.4 5.9 8.9#



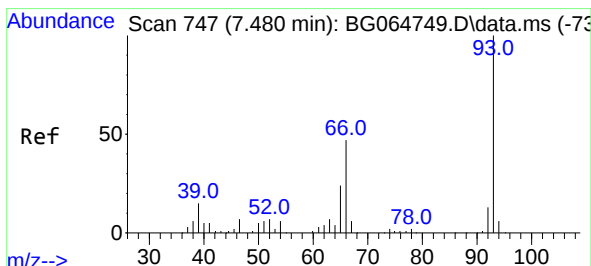
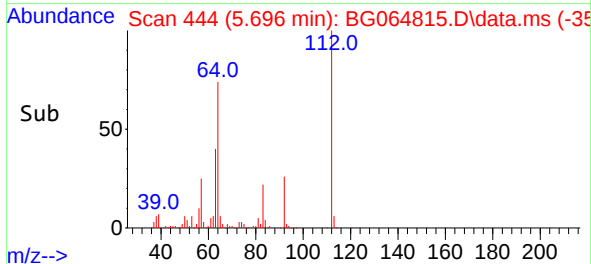
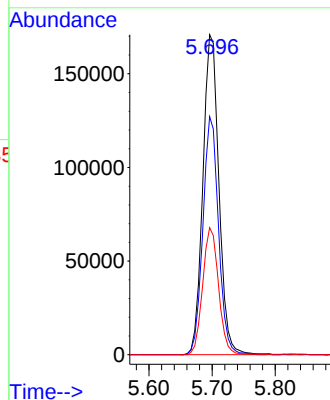
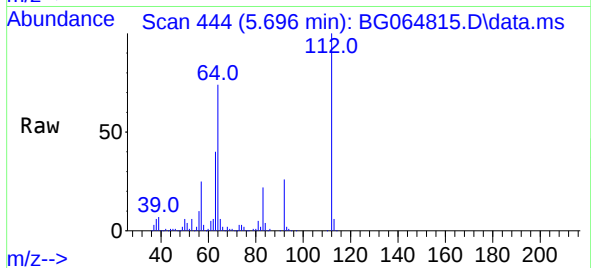


#5
2-Fluorophenol
Concen: 107.241 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion:112 Resp: 302928

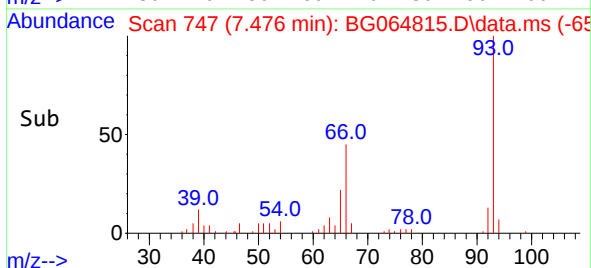
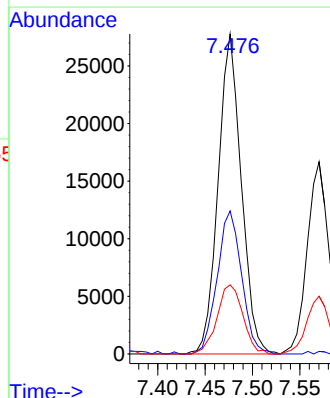
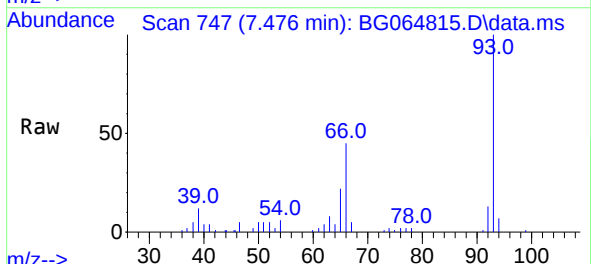
Ion	Ratio	Lower	Upper
112	100		
64	74.4	61.0	91.4
63	39.7	33.3	49.9

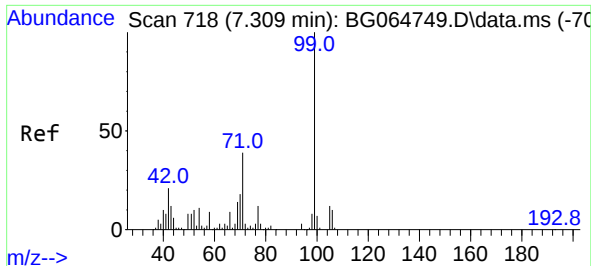


#6
Aniline
Concen: 9.427 ng
RT: 7.476 min Scan# 747
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 93 Resp: 47209

Ion	Ratio	Lower	Upper
93	100		
66	44.7	37.7	56.5
65	21.6	19.1	28.7



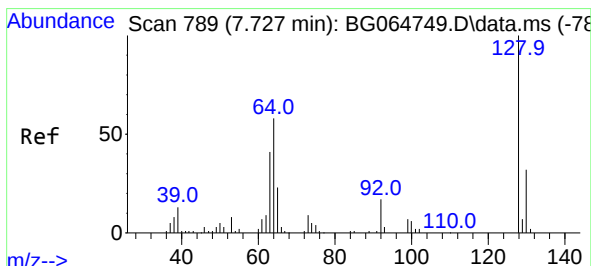
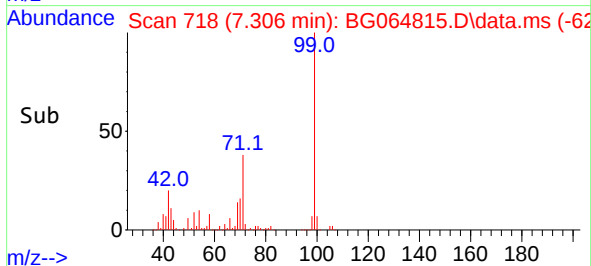
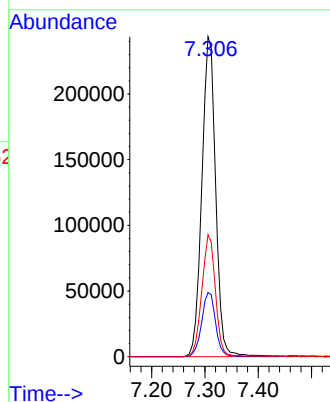
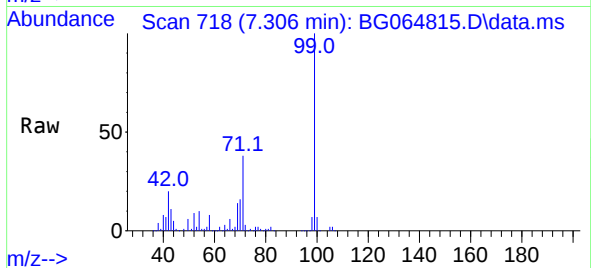


#7
Phenol-d6
Concen: 116.447 ng
RT: 7.306 min Scan# 718
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion: 99 Resp: 437495

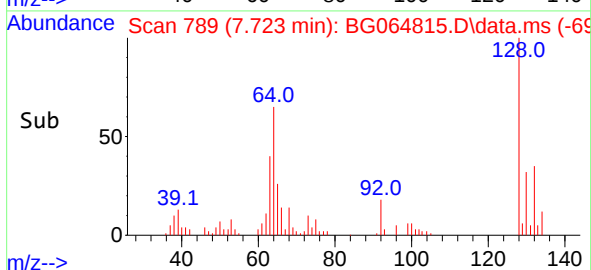
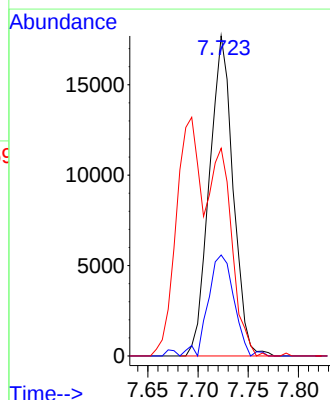
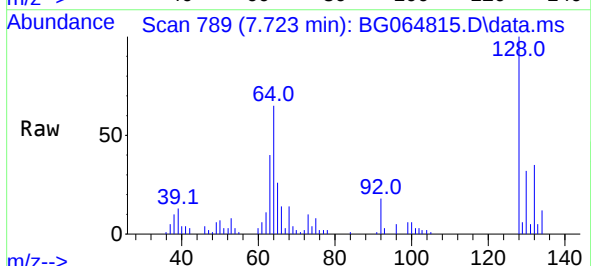
Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.8	25.2
71	38.1	31.1	46.7

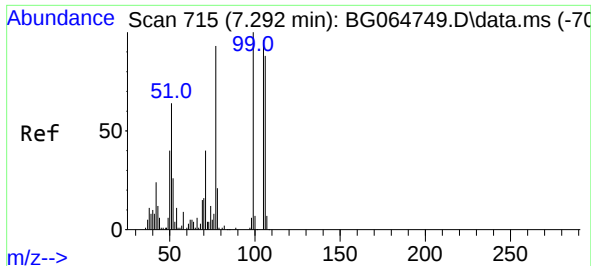


#8
2-Chlorophenol
Concen: 9.409 ng
RT: 7.723 min Scan# 789
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 128 Resp: 29183

Ion	Ratio	Lower	Upper
128	100		
130	31.6	11.9	51.9
64	64.9	38.4	78.4

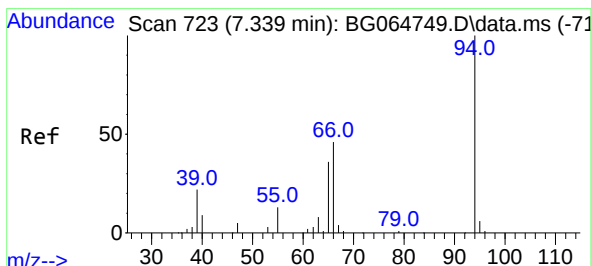
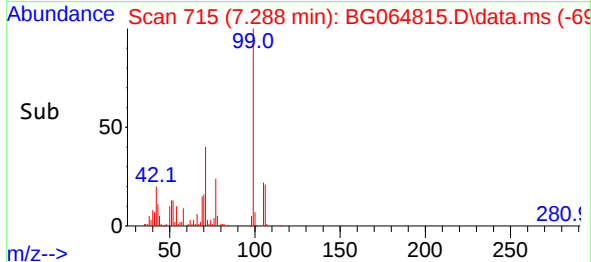
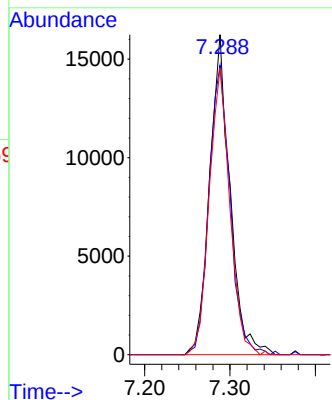
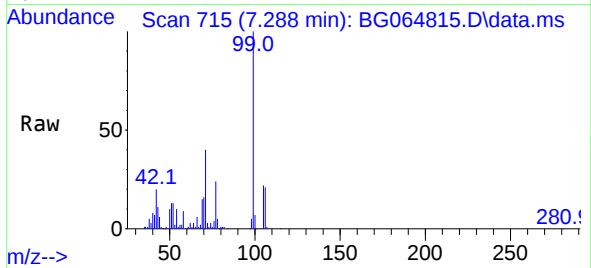




#9
Benzaldehyde
Concen: 10.936 ng
RT: 7.288 min Scan# 715
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

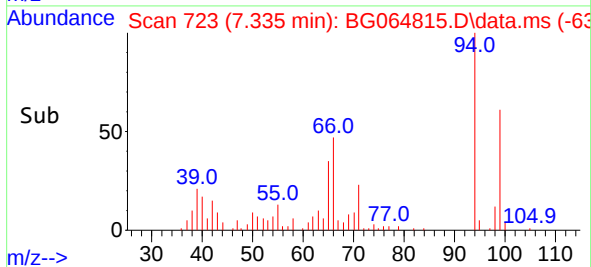
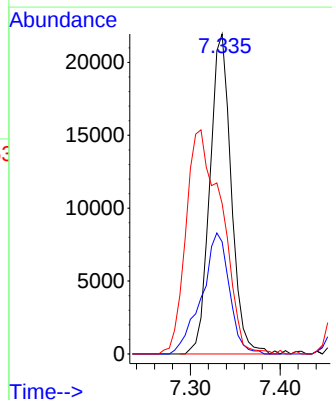
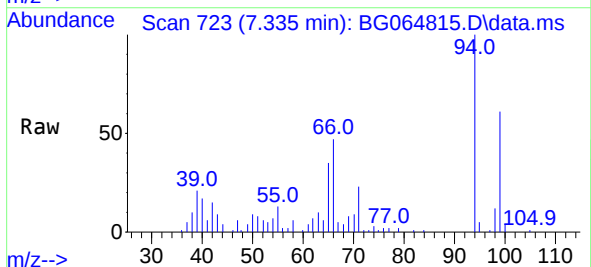
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

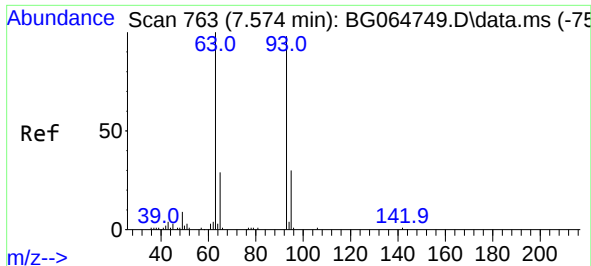
Tgt Ion:	77	Resp:	26895
Ion	Ratio	Lower	Upper
77	100		
105	90.4	83.8	123.8
106	89.6	74.3	114.3



#10
Phenol
Concen: 8.862 ng
RT: 7.335 min Scan# 723
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	94	Resp:	36226
Ion	Ratio	Lower	Upper
94	100		
65	35.0	17.0	57.0
66	47.0	29.8	69.8

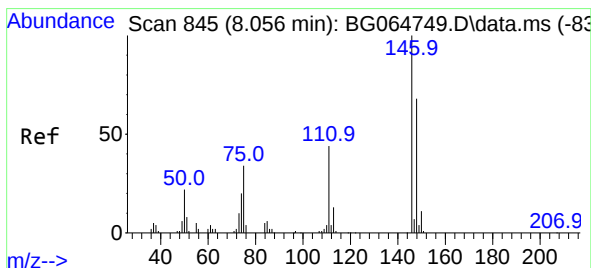
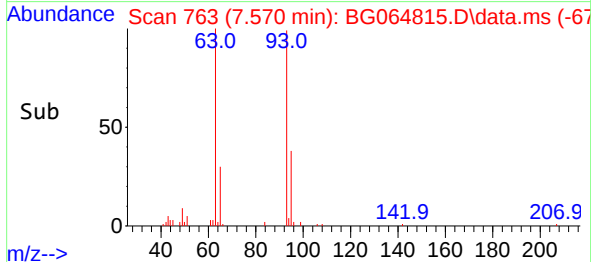
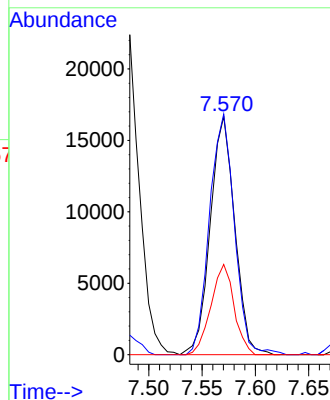
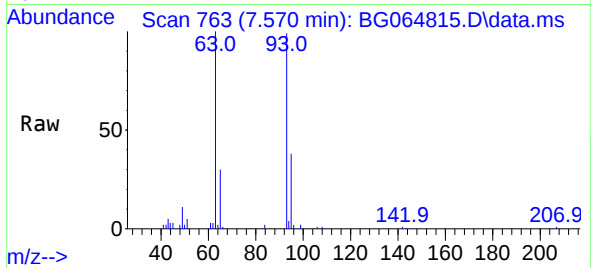




#11
bis(2-Chloroethyl)ether
Concen: 9.149 ng
RT: 7.570 min Scan# 763
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

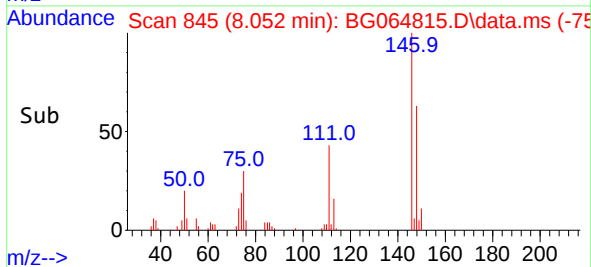
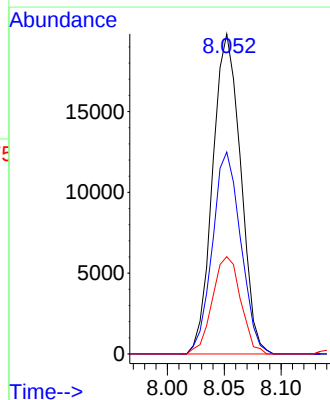
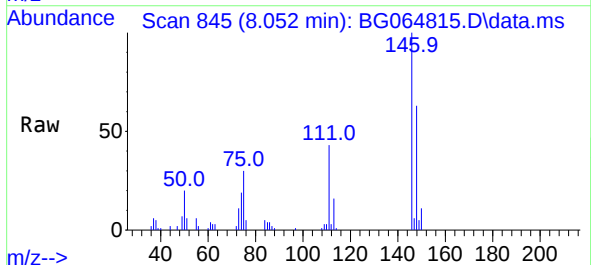
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

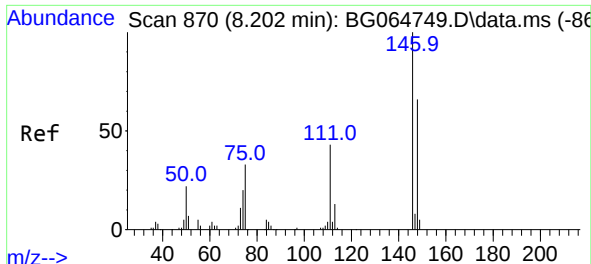
Tgt Ion:	93	Resp:	26613
Ion	Ratio	Lower	Upper
93	100		
63	101.0	81.8	121.8
95	37.9	10.3	50.3



#12
1,3-Dichlorobenzene
Concen: 9.487 ng
RT: 8.052 min Scan# 845
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	146	Resp:	33859
Ion	Ratio	Lower	Upper
146	100		
148	63.1	54.6	82.0
75	30.4	27.6	41.4

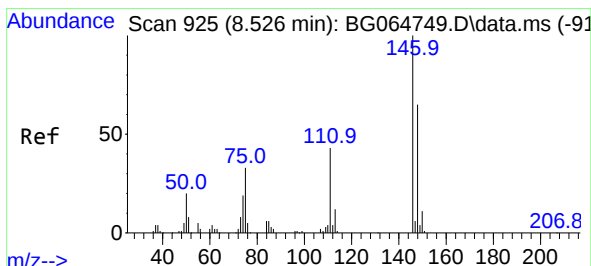
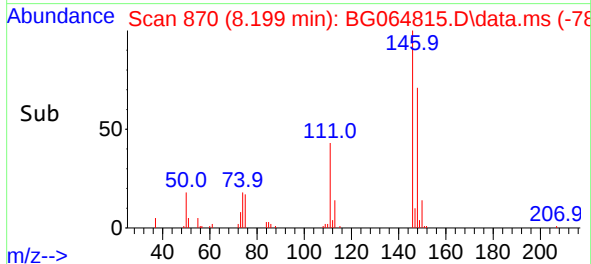
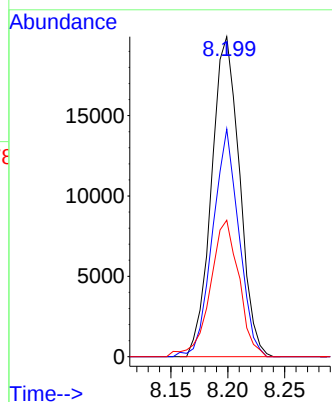
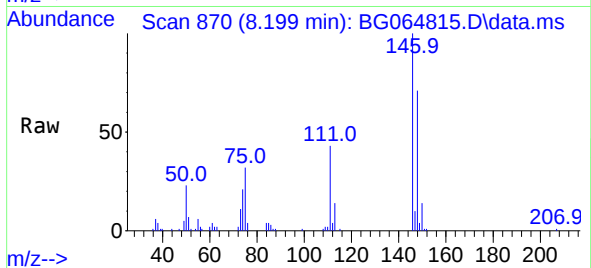




#13
1,4-Dichlorobenzene
Concen: 9.388 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

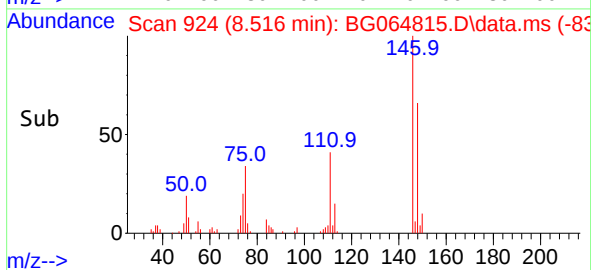
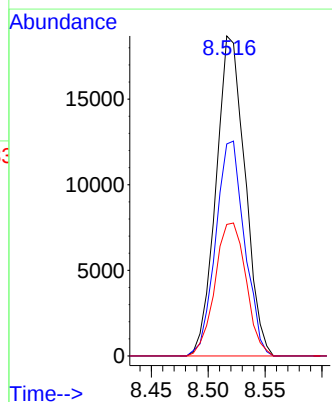
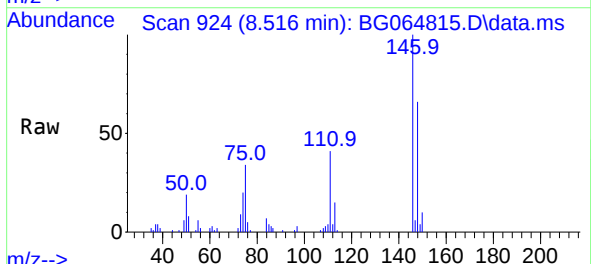
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

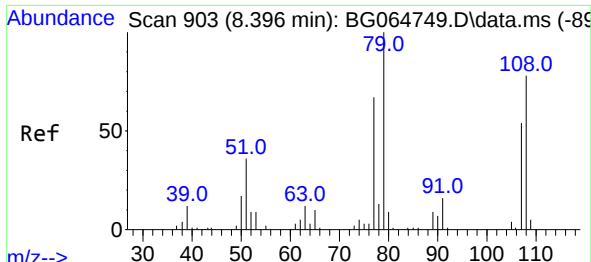
Tgt Ion:146 Resp: 34118
Ion Ratio Lower Upper
146 100
148 71.2 53.1 79.7
111 42.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 9.402 ng
RT: 8.516 min Scan# 924
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

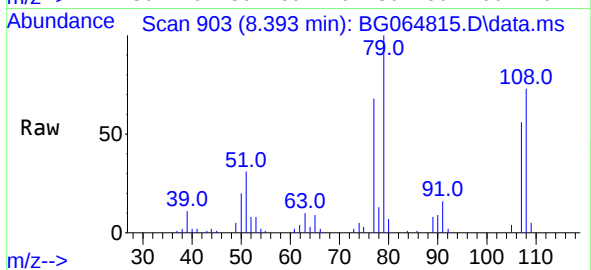
Tgt Ion:146 Resp: 33132
Ion Ratio Lower Upper
146 100
148 66.3 52.0 78.0
111 41.1 34.7 52.1



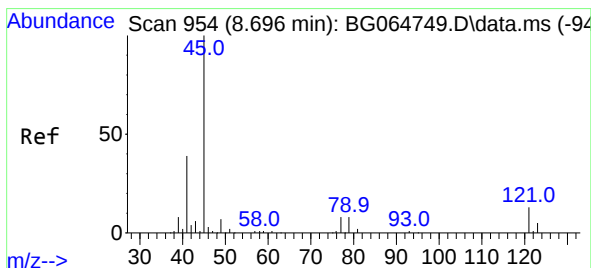
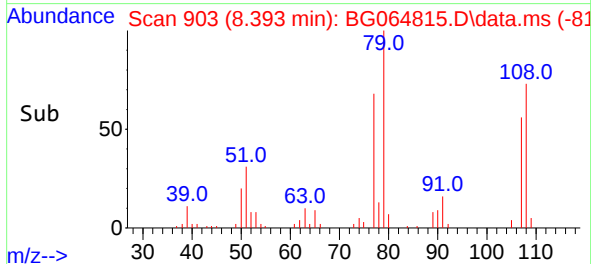
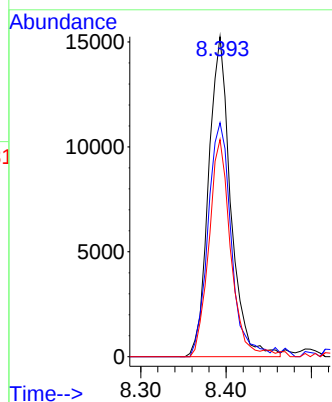


#15
Benzyl Alcohol
Concen: 8.898 ng
RT: 8.393 min Scan# 90
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

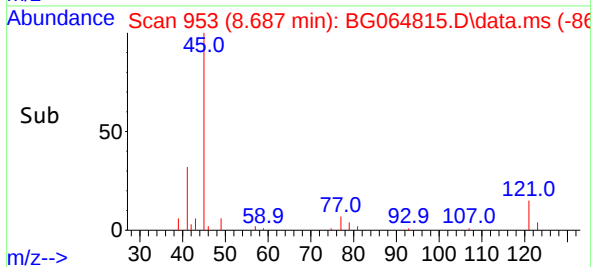
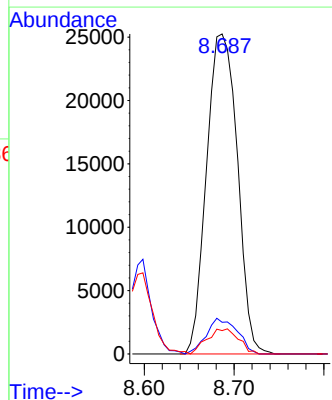
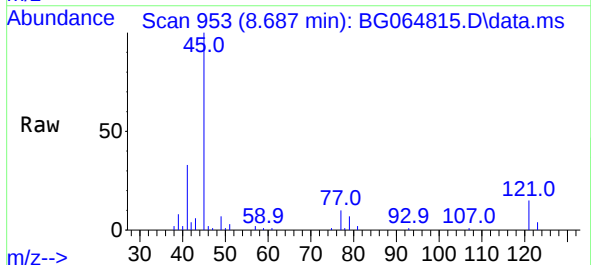


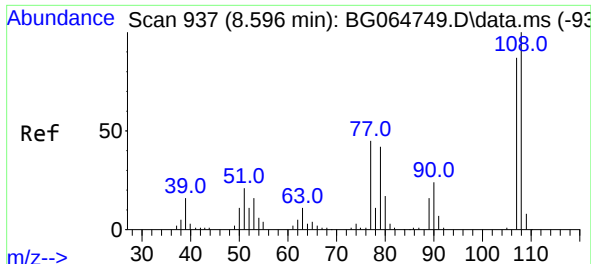
Tgt Ion: 79 Resp: 27441
Ion Ratio Lower Upper
79 100
108 73.1 62.3 93.5
77 67.9 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.733 ng
RT: 8.687 min Scan# 953
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 45 Resp: 60127
Ion Ratio Lower Upper
45 100
77 9.9 0.0 28.8
79 7.3 0.0 28.1





#17

2-Methylphenol

Concen: 9.233 ng

RT: 8.593 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG064815.D

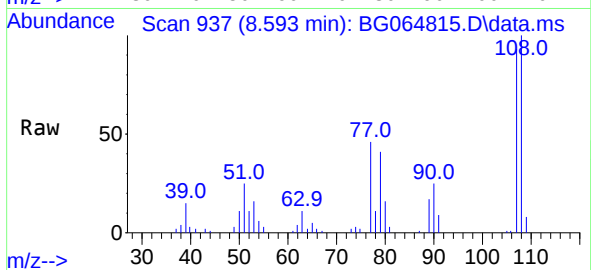
Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025



Tgt Ion:107 Resp: 26706

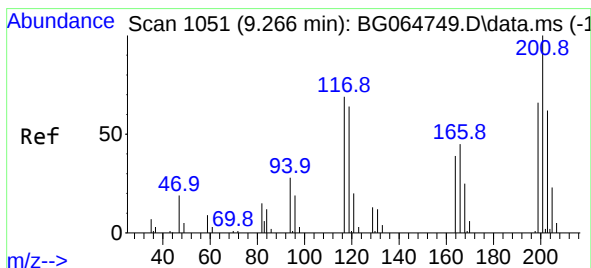
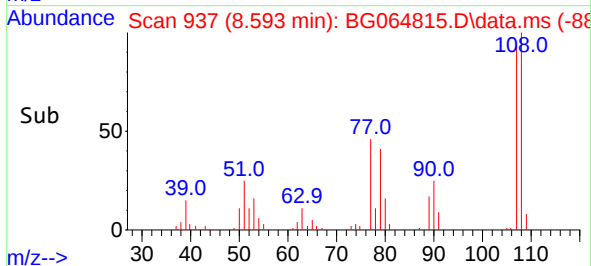
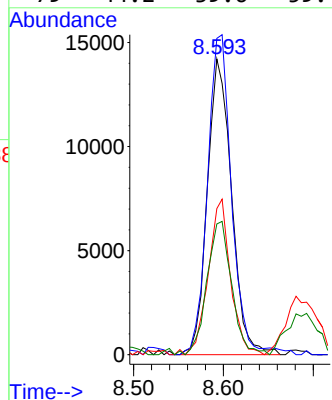
Ion Ratio Lower Upper

107 100

108 107.0 92.6 138.8

77 49.4 41.2 61.8

79 44.2 39.6 59.4



#18

Hexachloroethane

Concen: 8.983 ng

RT: 9.257 min Scan# 1050

Delta R.T. -0.009 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

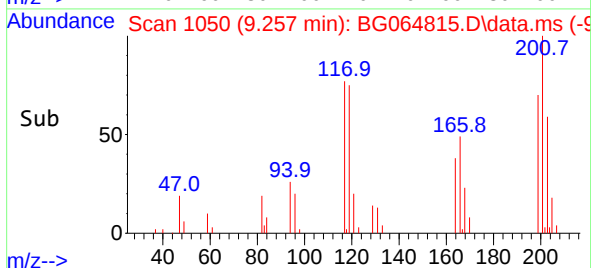
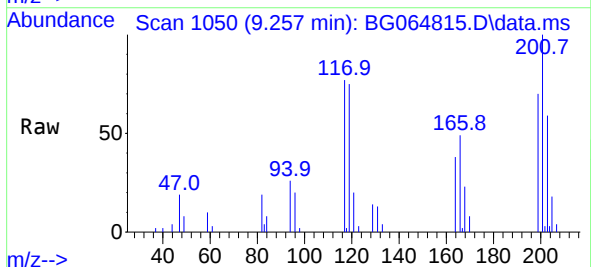
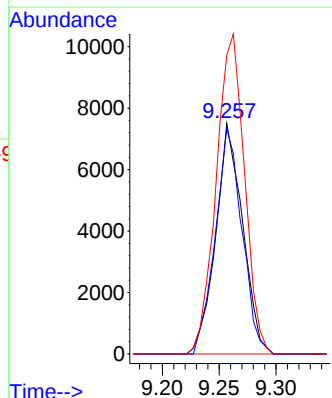
Tgt Ion:117 Resp: 12365

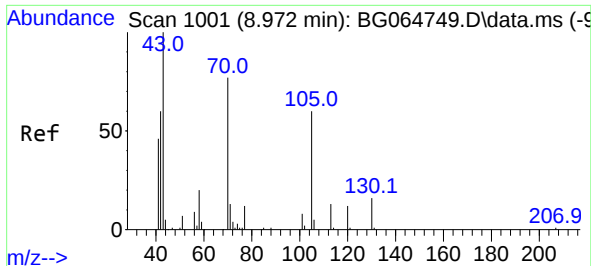
Ion Ratio Lower Upper

117 100

119 95.4 74.4 111.6

201 130.0 116.5 174.7

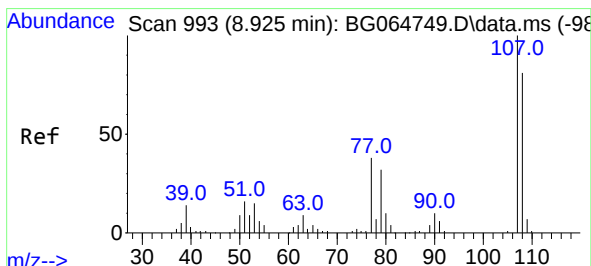
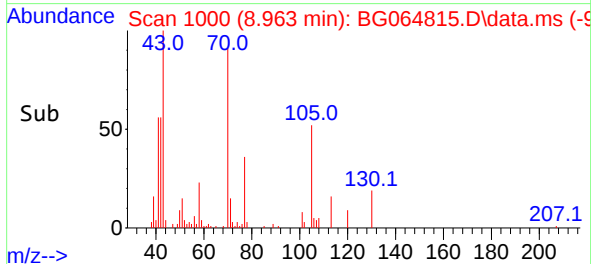
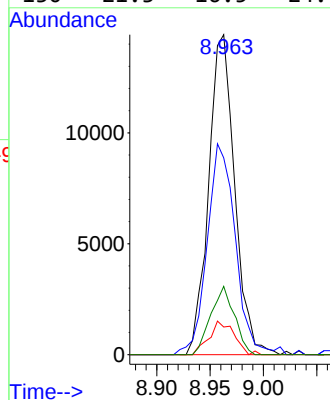
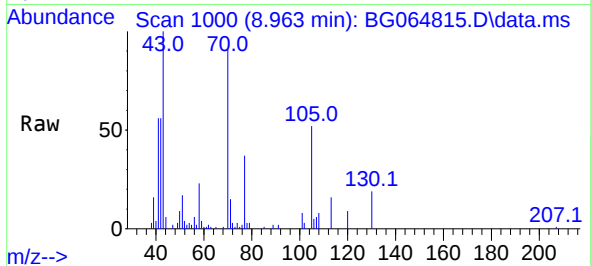




#19
n-Nitroso-di-n-propylamine
Concen: 9.649 ng
RT: 8.963 min Scan# 10
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

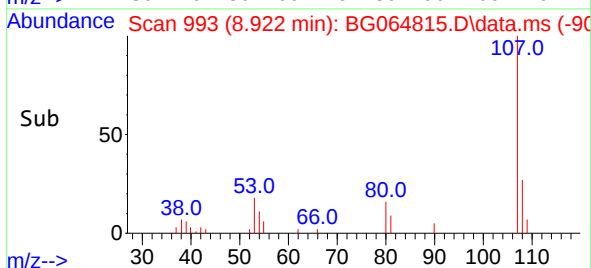
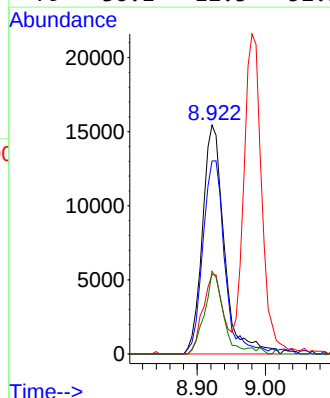
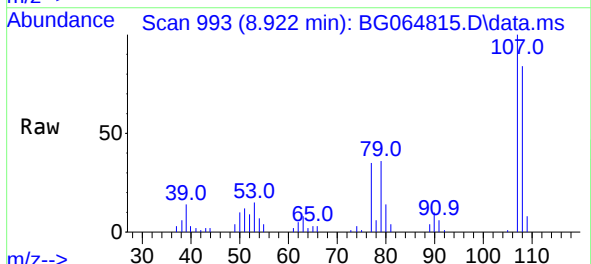
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

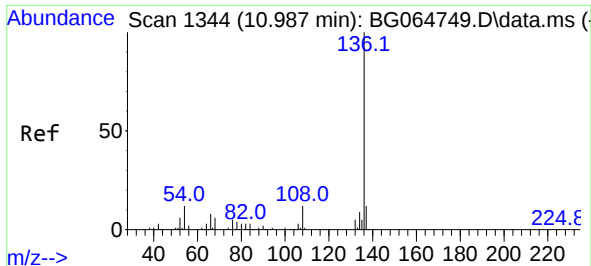
Tgt Ion: 70	Resp:	24512
Ion	Ratio	Lower Upper
70	100	
42	61.5	62.6 93.8#
101	8.6	8.0 12.0
130	21.3	16.5 24.7



#20
3+4-Methylphenols
Concen: 8.669 ng
RT: 8.922 min Scan# 993
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 107	Resp:	34349
Ion	Ratio	Lower Upper
107	100	
108	84.3	61.0 101.0
77	34.7	17.6 57.6
79	36.1	12.3 52.3

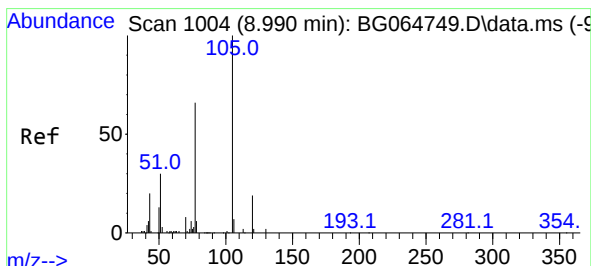
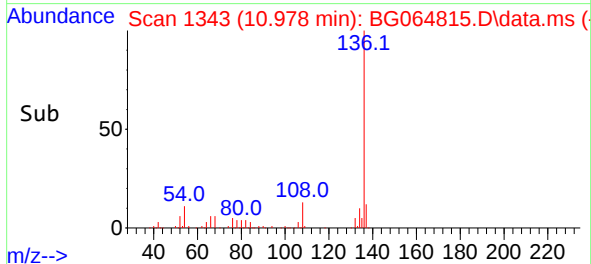
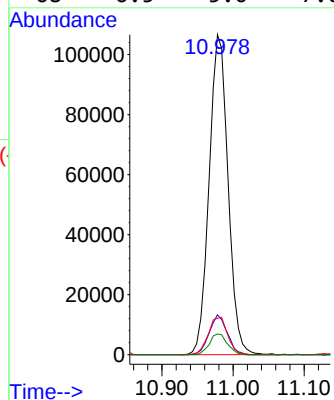
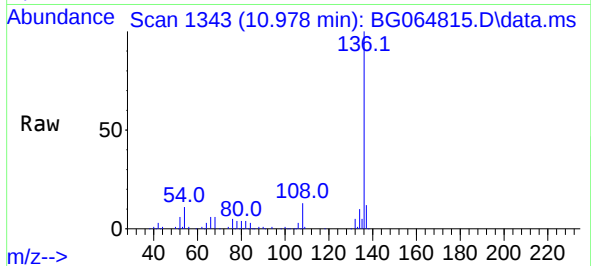




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.978 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

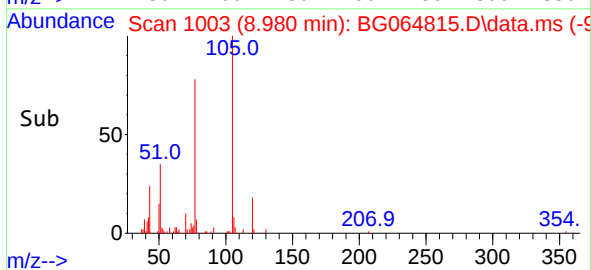
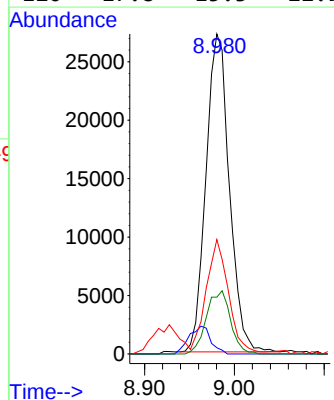
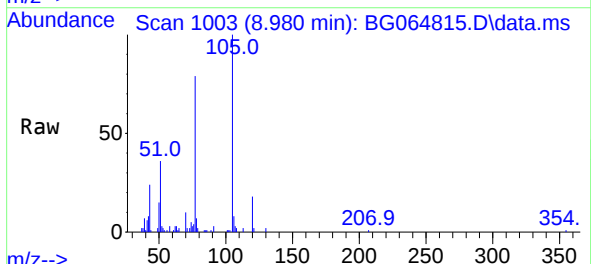
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

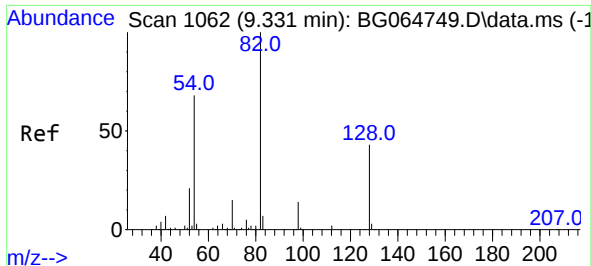
Tgt Ion:	136	Resp:	197065
Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.3	13.9
54	11.3	9.3	13.9
68	6.5	5.0	7.6



#22
Acetophenone
Concen: 9.176 ng
RT: 8.980 min Scan# 1003
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	105	Resp:	49264
Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.3	1.9#
51	35.7	27.9	41.9
120	17.8	15.3	22.9

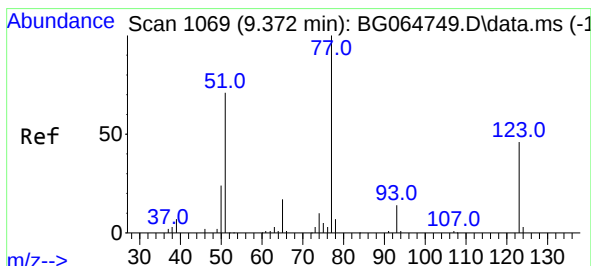
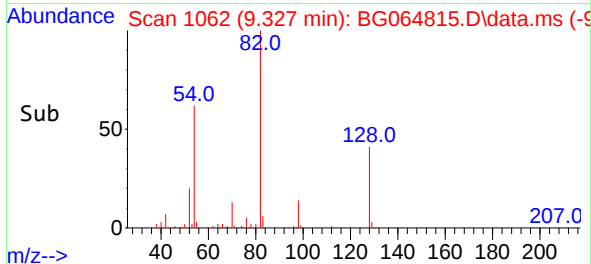
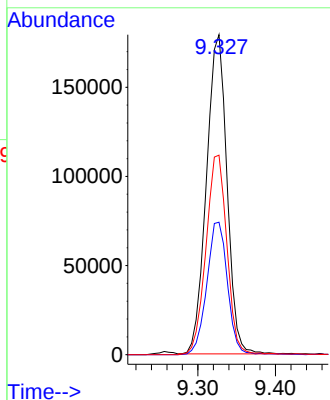
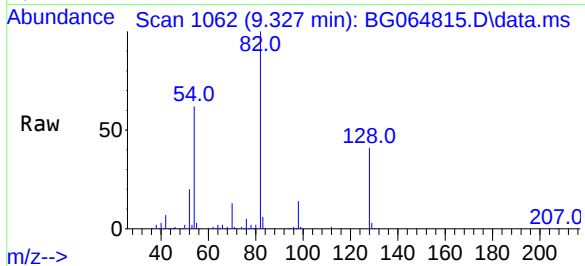




#23
Nitrobenzene-d5
Concen: 82.757 ng
RT: 9.327 min Scan# 1062
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

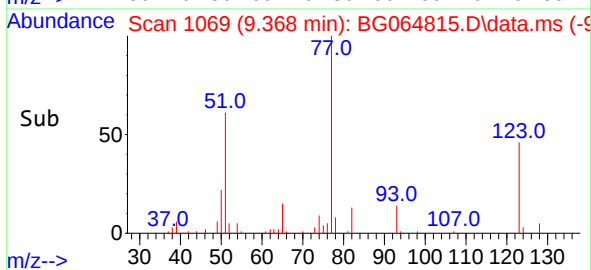
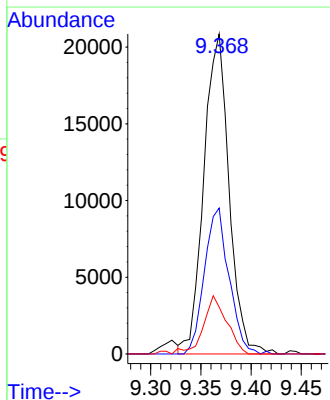
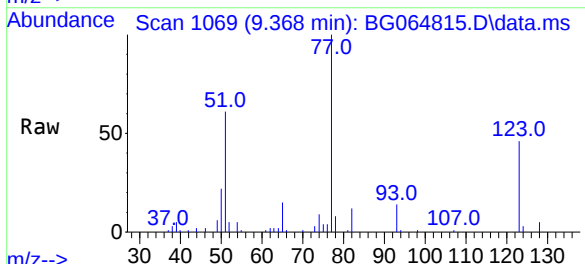
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

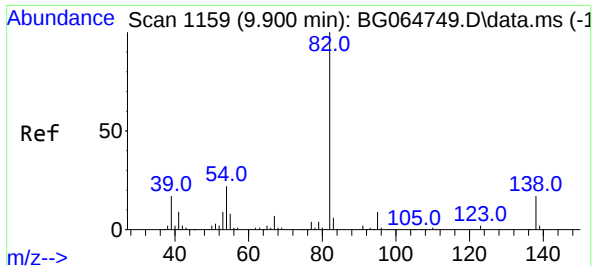
Tgt Ion: 82 Resp: 329846
Ion Ratio Lower Upper
82 100
128 41.4 34.1 51.1
54 62.4 54.3 81.5



#24
Nitrobenzene
Concen: 9.070 ng
RT: 9.368 min Scan# 1069
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion: 77 Resp: 36526
Ion Ratio Lower Upper
77 100
123 45.6 36.5 54.7
65 14.6 13.5 20.3

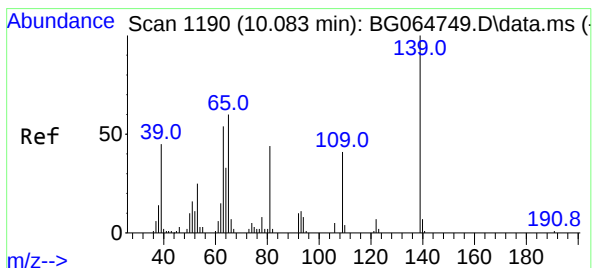
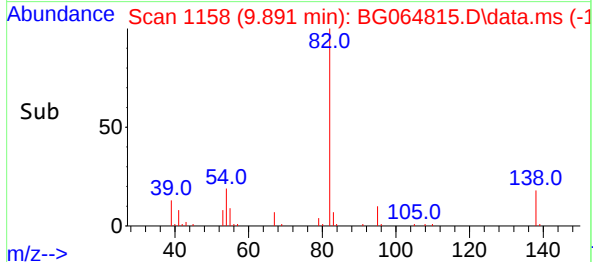
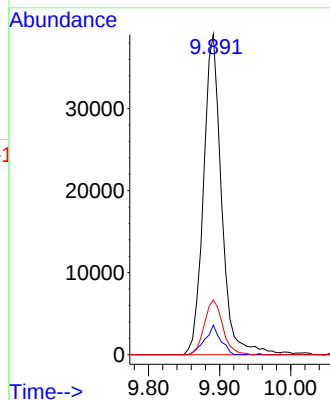
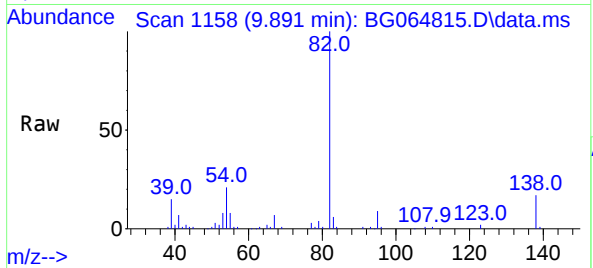




#25
Isophorone
Concen: 9.111 ng
RT: 9.891 min Scan# 1158
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

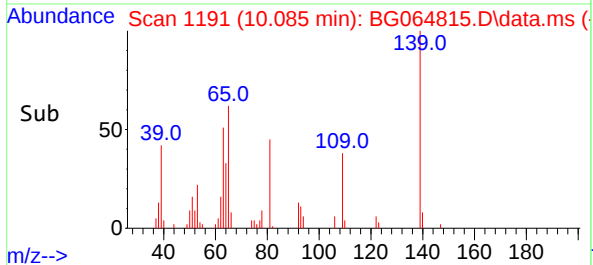
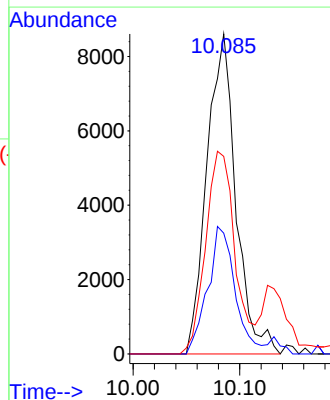
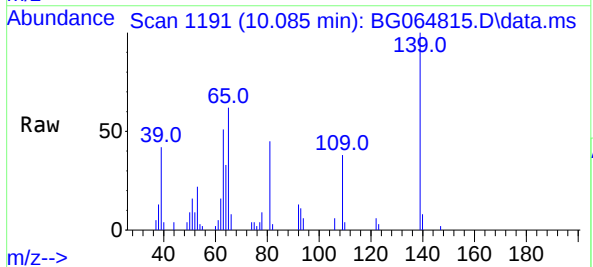
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

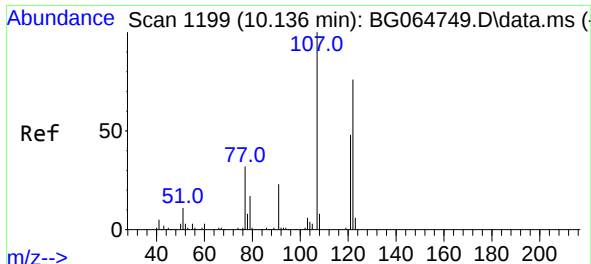
Tgt Ion: 82	Resp: 69153
Ion Ratio	Lower Upper
82 100	
95 9.2	6.9 10.3
138 17.1	13.9 20.9



#26
2-Nitrophenol
Concen: 8.983 ng
RT: 10.085 min Scan# 1191
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:139	Resp:	16272	
Ion	Ratio	Lower	Upper
139	100		
109	37.7	32.5	48.7
65	61.7	47.6	71.4





#27

2,4-Dimethylphenol

Concen: 7.214 ng

RT: 10.132 min Scan# 1199

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

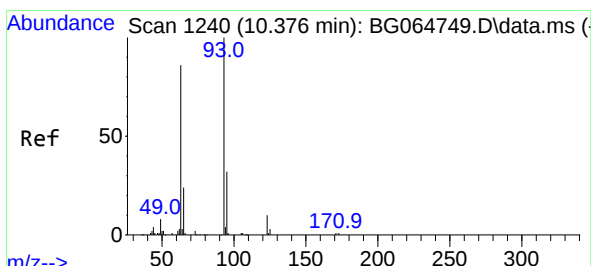
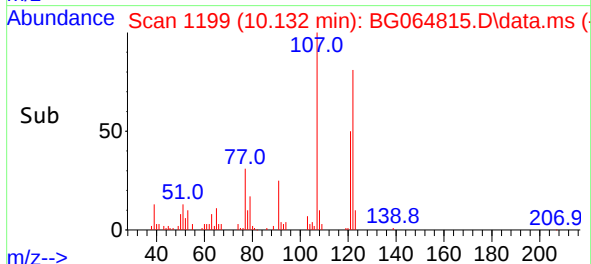
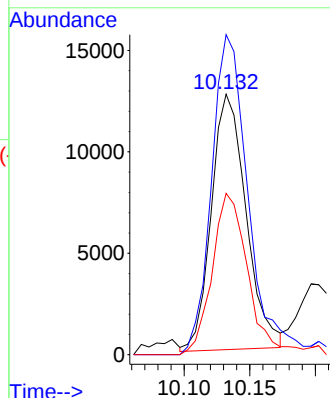
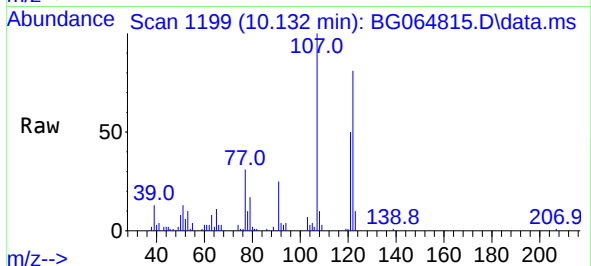
Tgt Ion:122 Resp: 23216

Ion Ratio Lower Upper

122 100

107 122.9 102.5 153.7

121 62.0 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 9.331 ng

RT: 10.367 min Scan# 1239

Delta R.T. -0.009 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

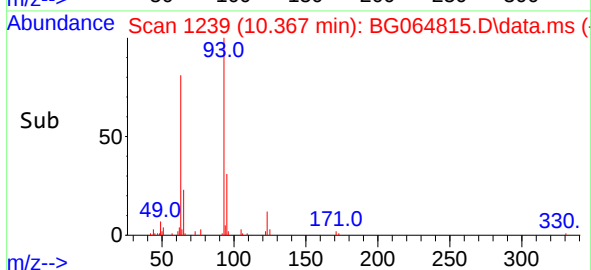
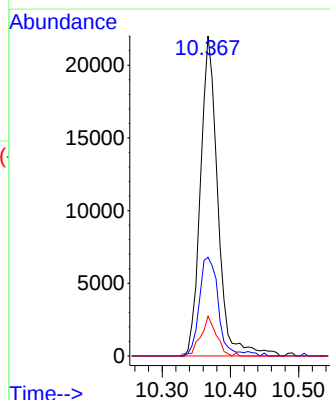
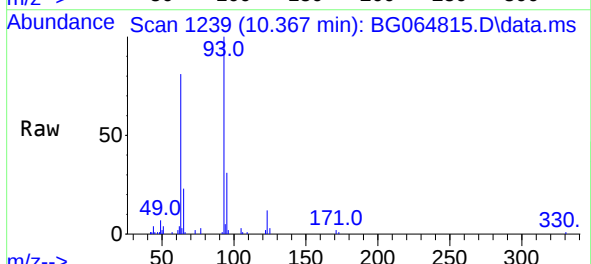
Tgt Ion: 93 Resp: 38883

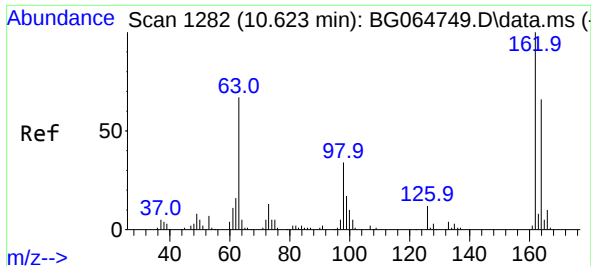
Ion Ratio Lower Upper

93 100

95 30.8 25.4 38.2

123 12.4 8.1 12.1#





#29

2,4-Dichlorophenol

Concen: 9.481 ng

RT: 10.626 min Scan# 1282

Delta R.T. 0.002 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

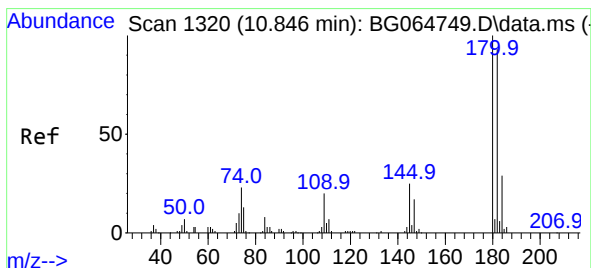
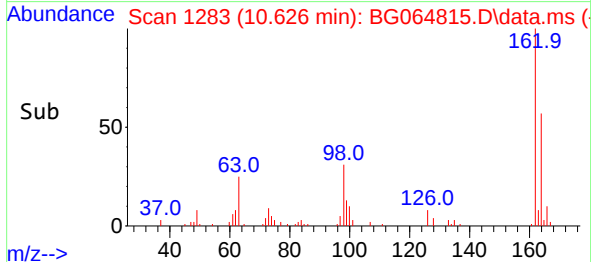
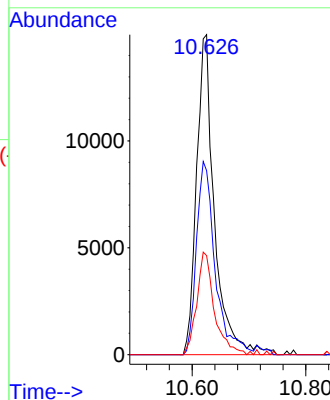
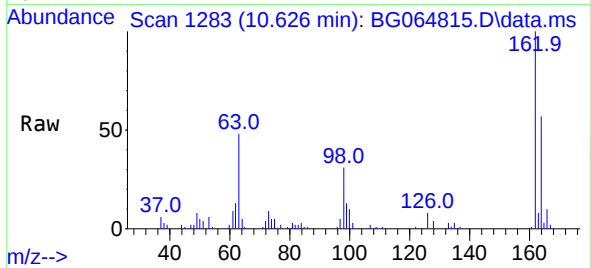
Tgt Ion:162 Resp: 32756

Ion Ratio Lower Upper

162 100

164 57.5 46.0 86.0

98 30.9 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 9.587 ng

RT: 10.843 min Scan# 1320

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

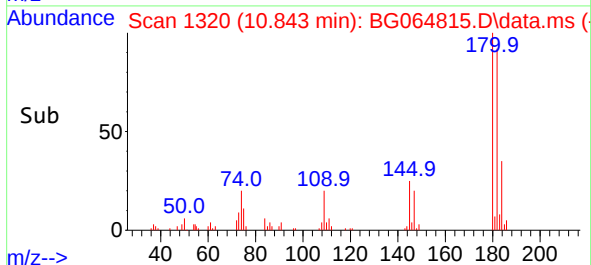
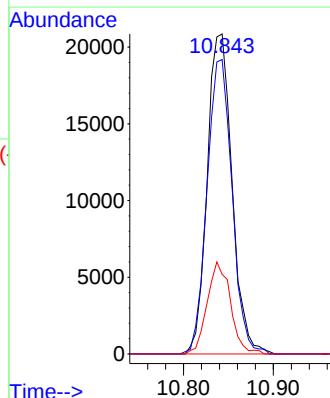
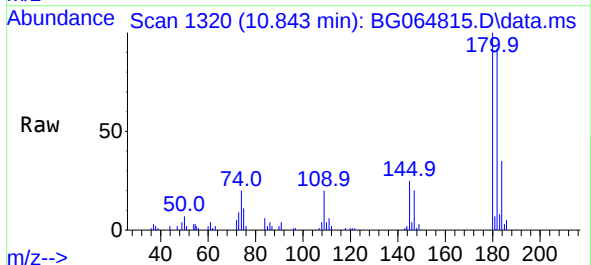
Tgt Ion:180 Resp: 39999

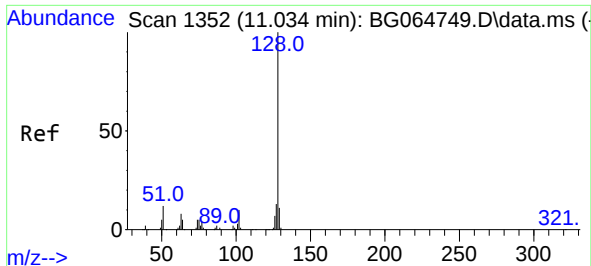
Ion Ratio Lower Upper

180 100

182 92.0 74.2 111.4

145 24.9 20.0 30.0

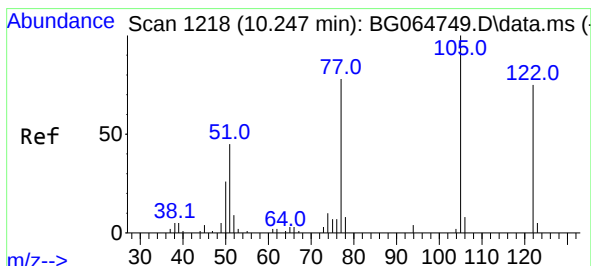
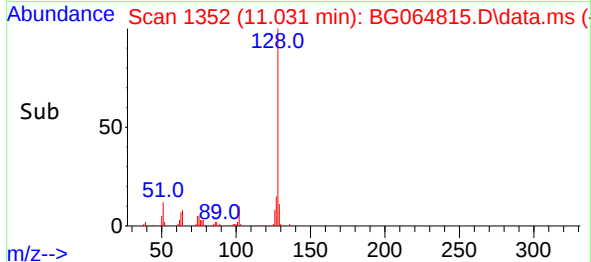
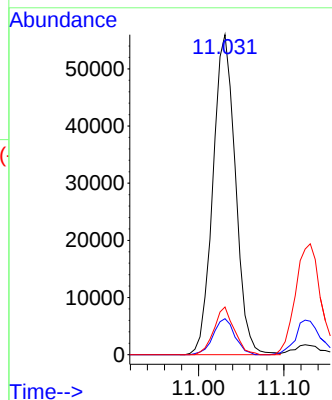
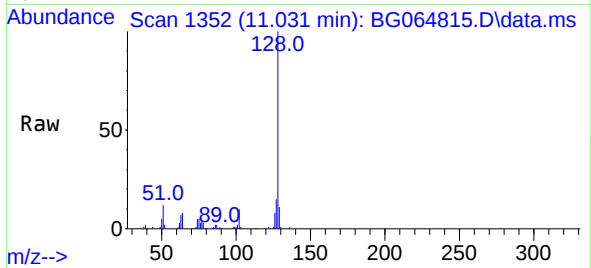




#31
Naphthalene
Concen: 9.182 ng
RT: 11.031 min Scan# 1110
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

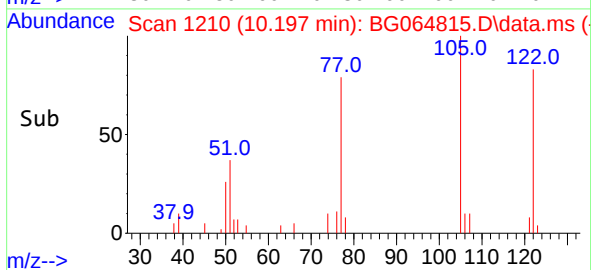
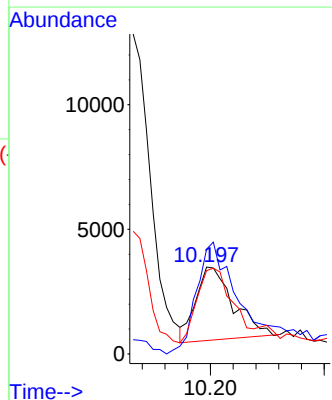
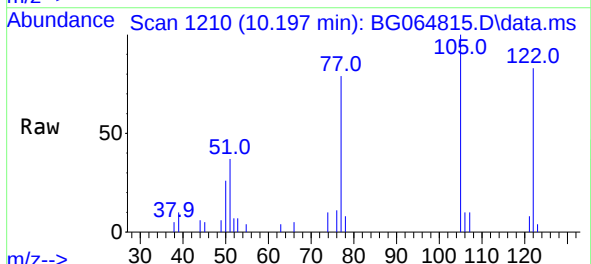
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

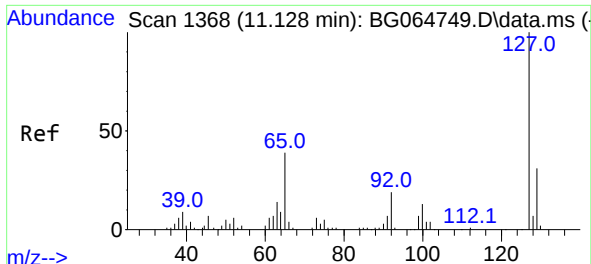
Tgt Ion:128 Resp: 102573
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.9 10.6 16.0



#32
Benzoic acid
Concen: 8.486 ng
RT: 10.197 min Scan# 1210
Delta R.T. -0.050 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

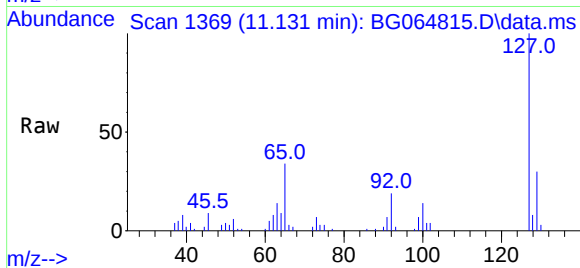
Tgt Ion:122 Resp: 6740
Ion Ratio Lower Upper
122 100
105 120.8 107.6 147.6
77 95.9 82.5 122.5



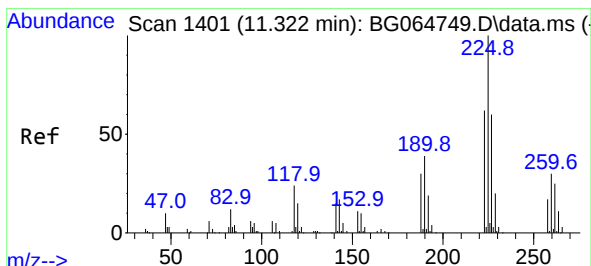
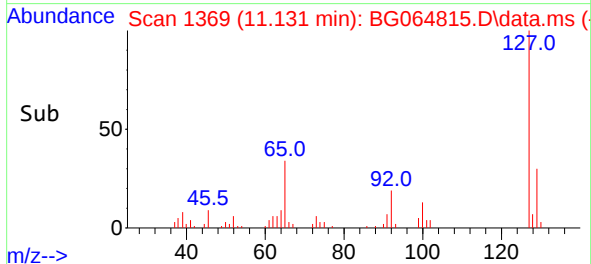
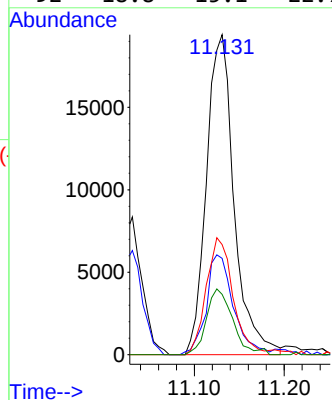


#33
4-Chloroaniline
Concen: 9.276 ng
RT: 11.131 min Scan# 111
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

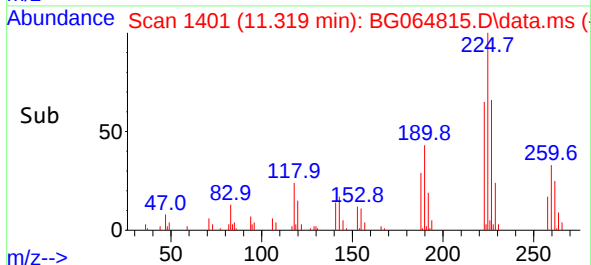
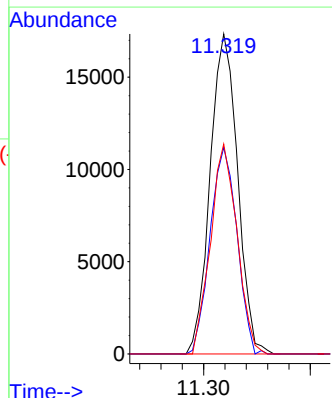
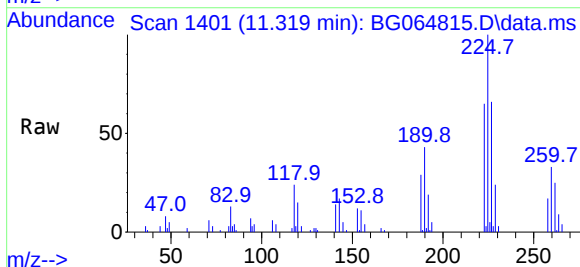


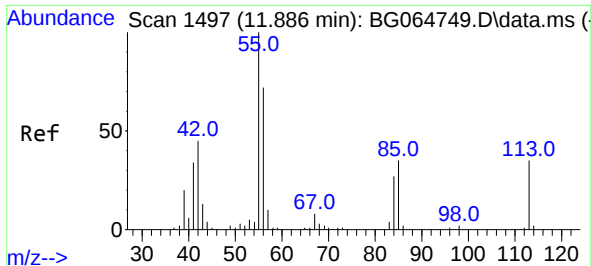
Tgt Ion:	127	Resp:	41452
Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.9	37.3
65	34.4	30.9	46.3
92	18.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 8.663 ng
RT: 11.319 min Scan# 1401
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	225	Resp:	31011
Ion	Ratio	Lower	Upper
225	100		
223	68.0	49.9	74.9
227	68.4	50.6	75.8

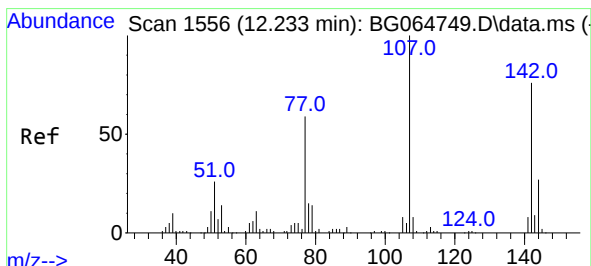
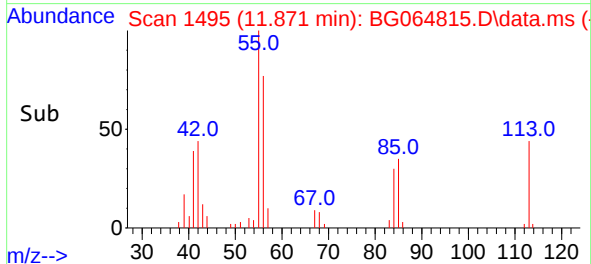
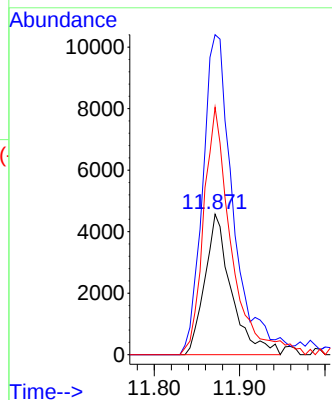
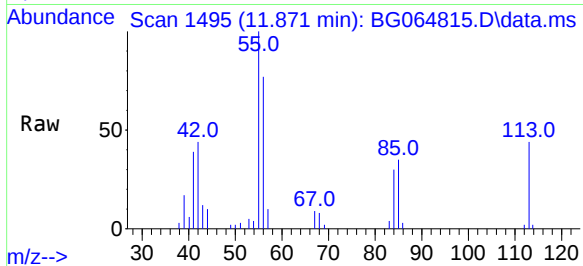




#35
Caprolactam
Concen: 9.558 ng
RT: 11.871 min Scan# 1495
Delta R.T. -0.015 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

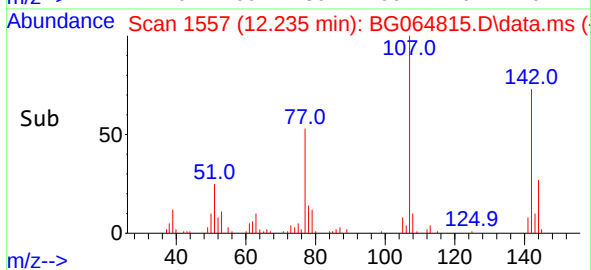
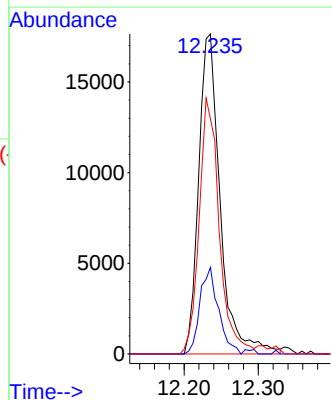
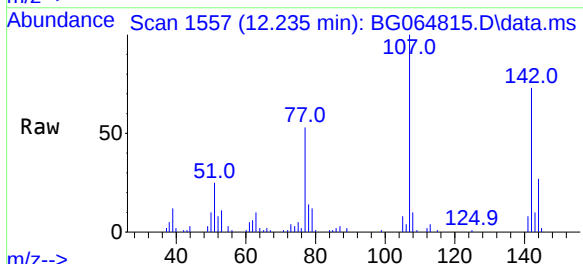
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

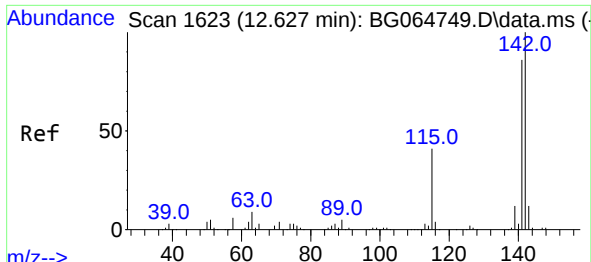
Tgt Ion:113 Resp: 9877
Ion Ratio Lower Upper
113 100
55 227.8 263.7 303.7#
56 176.0 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 9.242 ng
RT: 12.235 min Scan# 1557
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

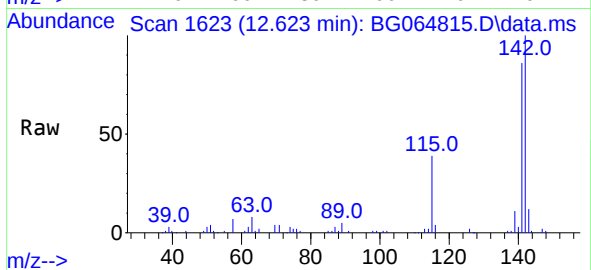
Tgt Ion:107 Resp: 35541
Ion Ratio Lower Upper
107 100
144 27.1 21.7 32.5
142 73.4 60.8 91.2



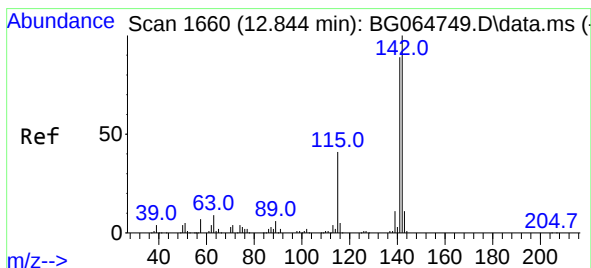
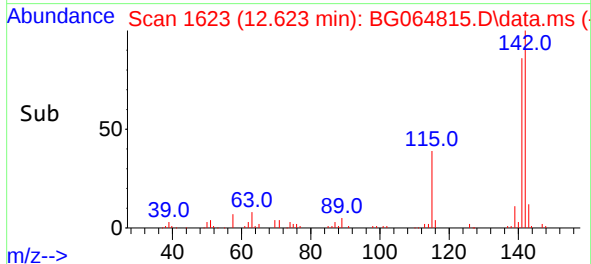
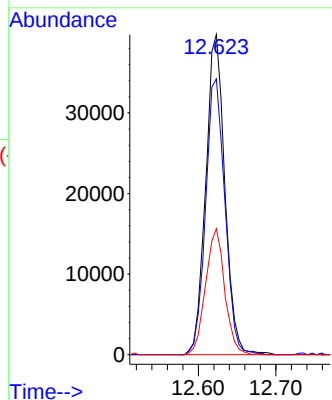


#37
2-Methylnaphthalene
Concen: 8.146 ng
RT: 12.623 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

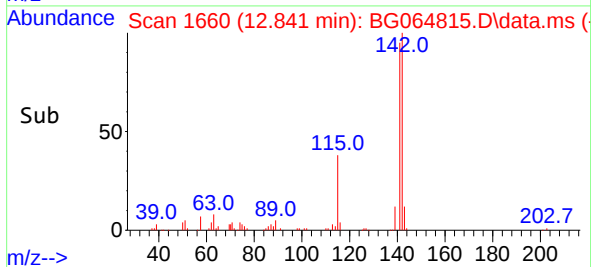
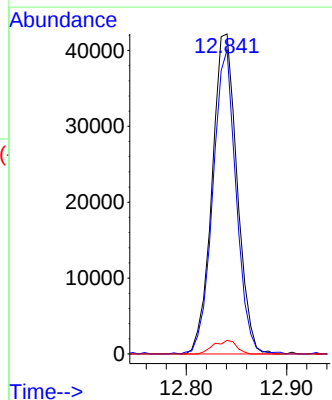
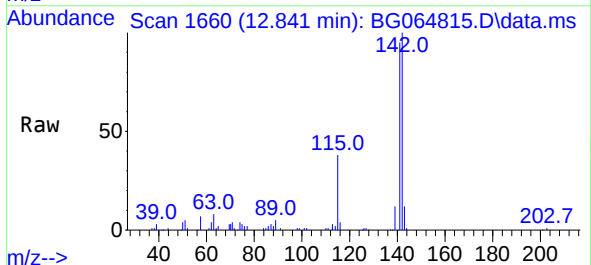


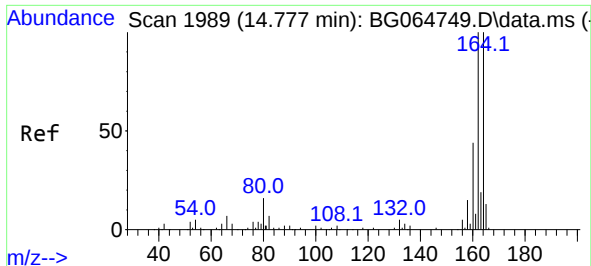
Tgt Ion:142 Resp: 68098
Ion Ratio Lower Upper
142 100
141 86.2 69.1 103.7
115 39.3 32.9 49.3



#38
1-Methylnaphthalene
Concen: 8.786 ng
RT: 12.841 min Scan# 1660
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:142 Resp: 72961
Ion Ratio Lower Upper
142 100
141 95.0 70.8 106.2
116 4.3 3.7 5.5

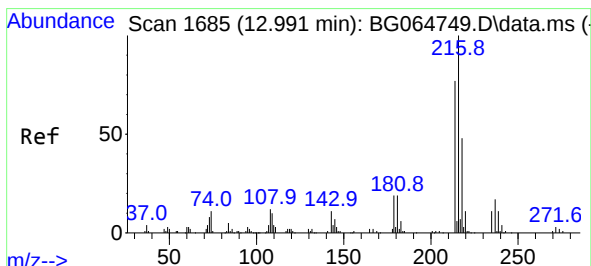
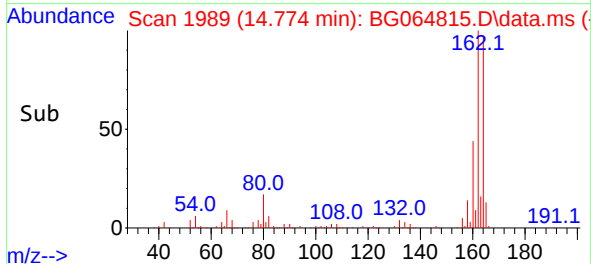
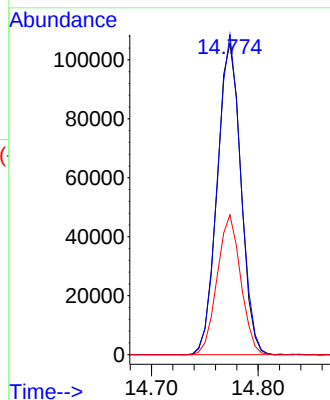
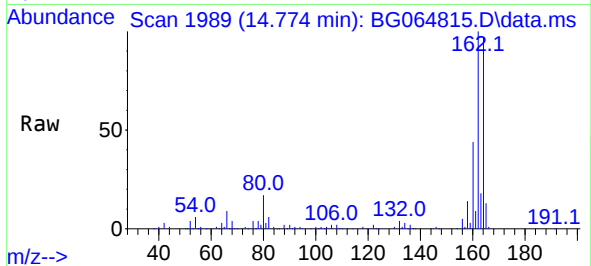




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.774 min Scan# 1989
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

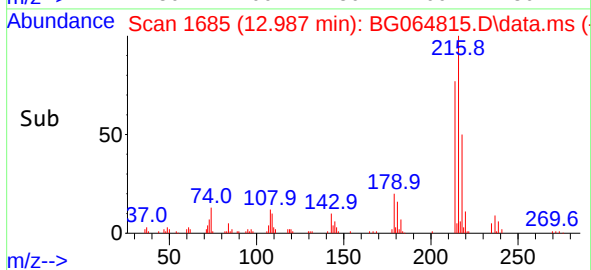
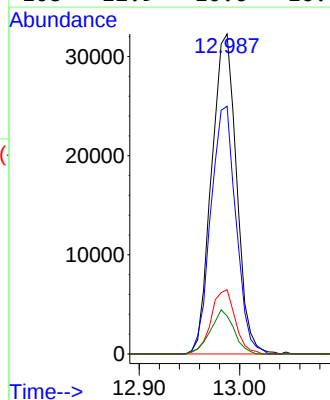
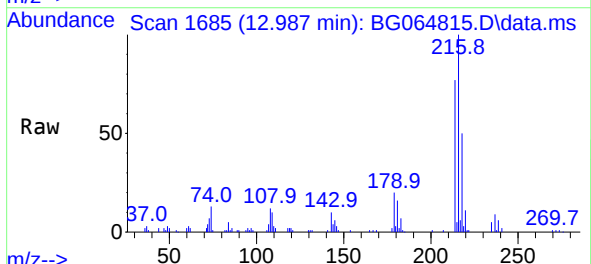
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

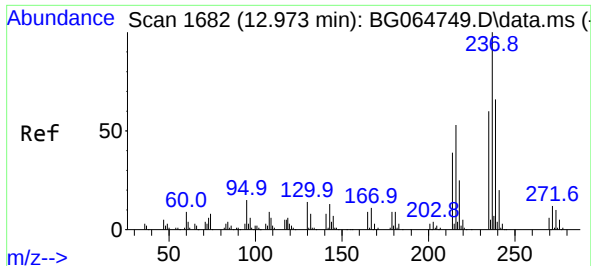
Tgt Ion:164 Resp: 163066
Ion Ratio Lower Upper
164 100
162 102.8 79.8 119.6
160 44.9 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.778 ng
RT: 12.987 min Scan# 1685
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:216 Resp: 55705
Ion Ratio Lower Upper
216 100
214 77.9 60.5 90.7
179 19.4 14.7 22.1
108 12.9 10.6 16.0

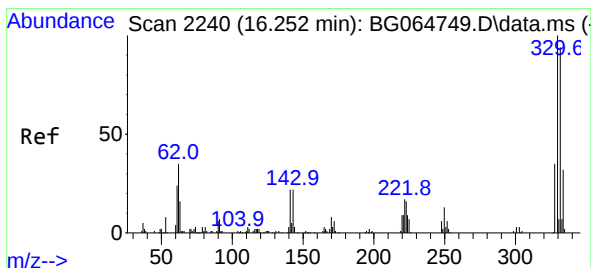
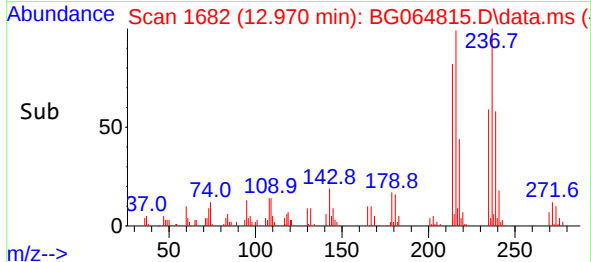
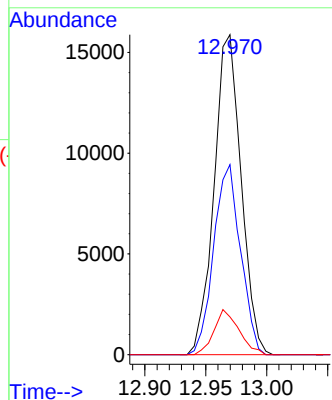
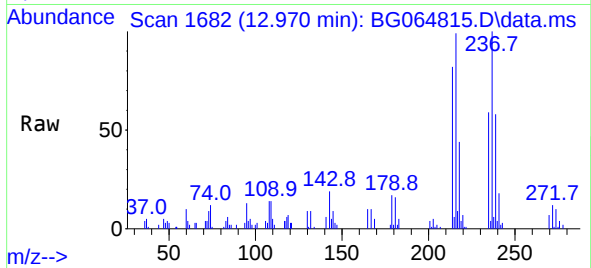




#41
Hexachlorocyclopentadiene
Concen: 5.397 ng
RT: 12.970 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

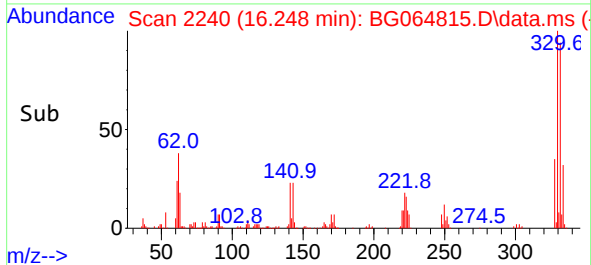
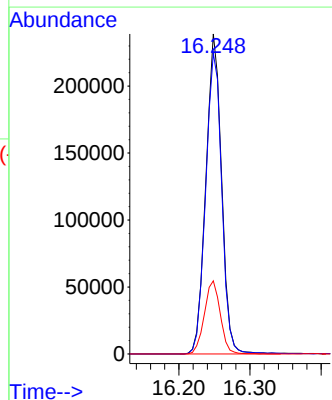
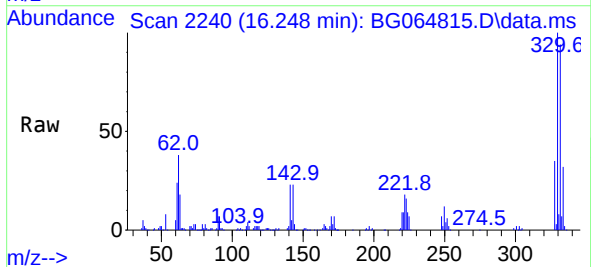
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

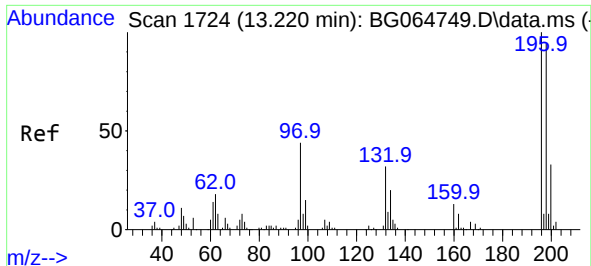
Tgt Ion:237 Resp: 24549
Ion Ratio Lower Upper
237 100
235 59.4 40.2 80.2
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 115.711 ng
RT: 16.248 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:330 Resp: 367996
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 23.1 18.2 27.2

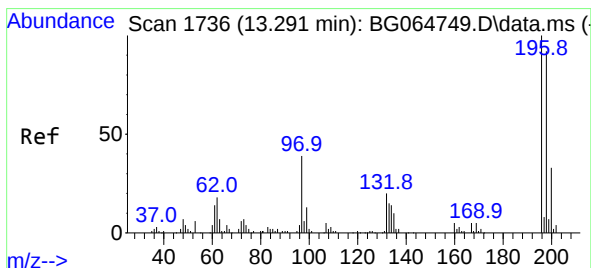
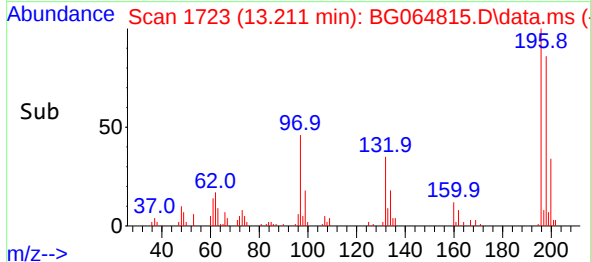
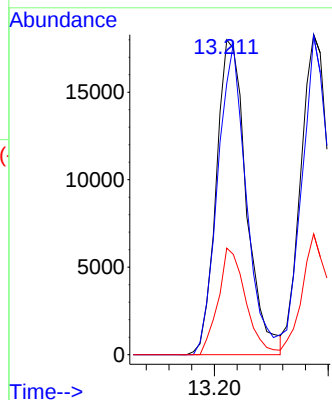
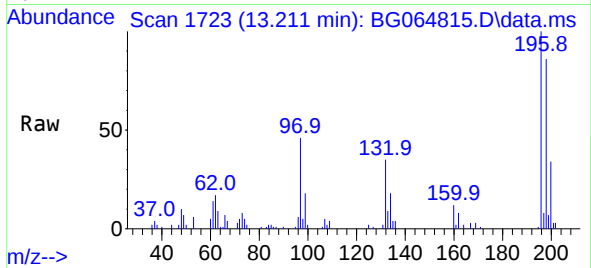




#43
2,4,6-Trichlorophenol
Concen: 8.909 ng
RT: 13.211 min Scan# 1723
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

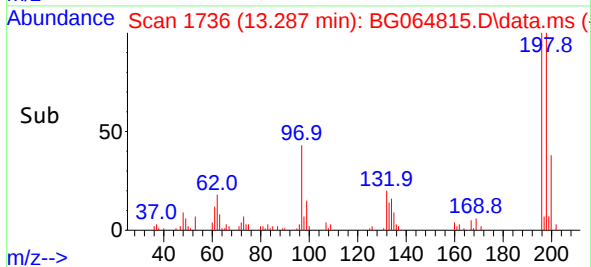
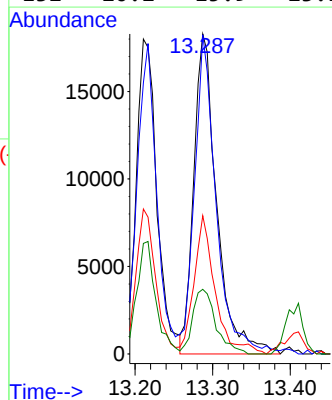
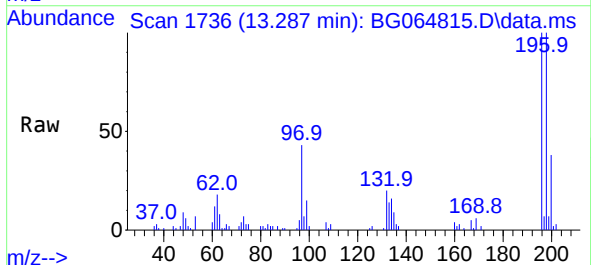
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

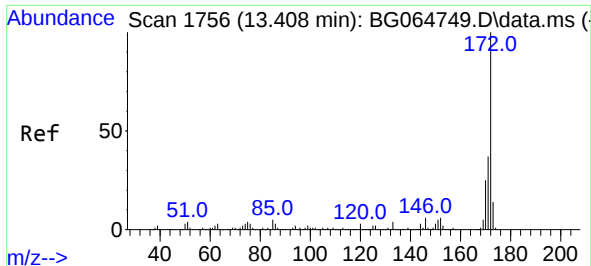
Tgt Ion:196 Resp: 33182
Ion Ratio Lower Upper
196 100
198 86.1 75.3 112.9
200 33.8 26.2 39.2



#44
2,4,5-Trichlorophenol
Concen: 8.986 ng
RT: 13.287 min Scan# 1736
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:196 Resp: 37537
Ion Ratio Lower Upper
196 100
198 99.7 73.2 109.8
97 43.2 31.4 47.0
132 20.2 15.9 23.9

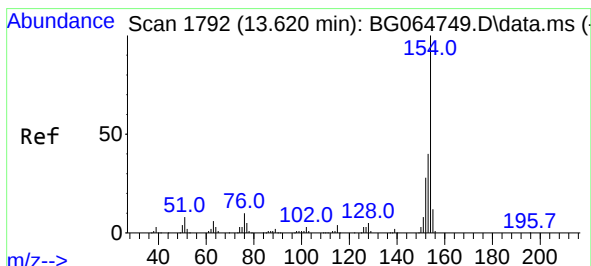
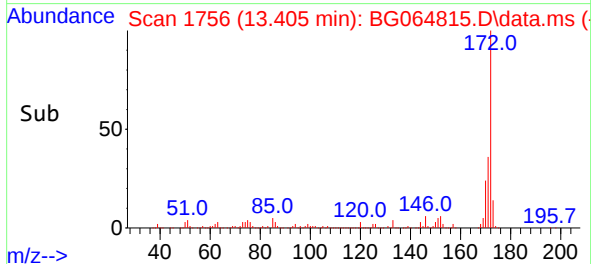
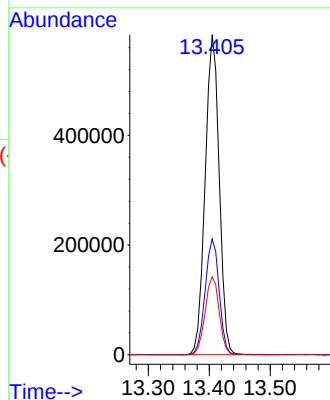
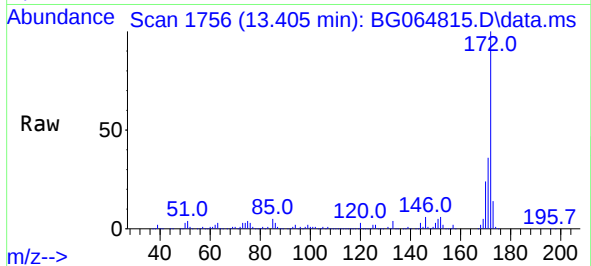




#45
2-Fluorobiphenyl
Concen: 80.052 ng
RT: 13.405 min Scan# 1756
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

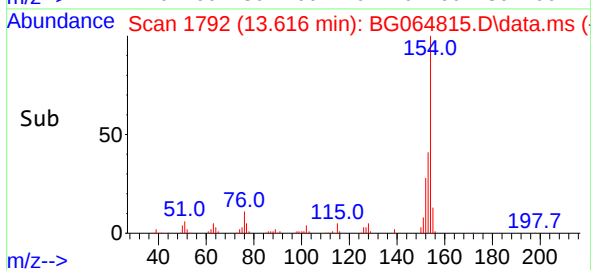
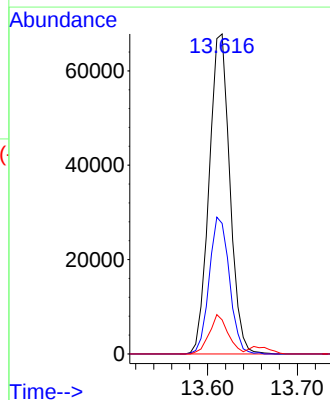
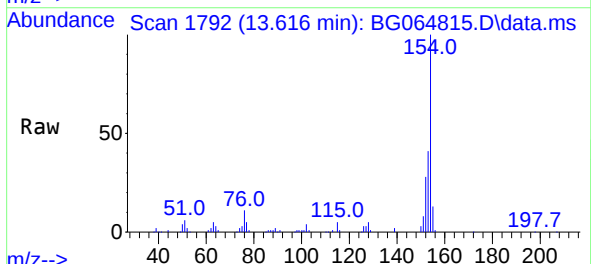
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

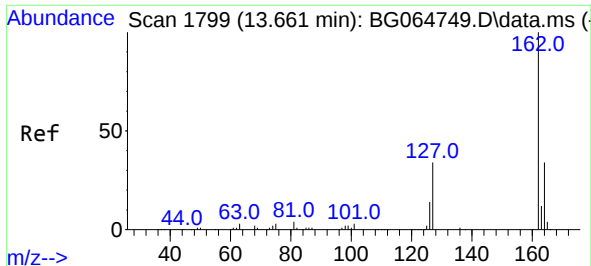
Tgt Ion:172 Resp: 935526
Ion Ratio Lower Upper
172 100
171 36.1 29.9 44.9
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 9.269 ng
RT: 13.616 min Scan# 1792
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:154 Resp: 108555
Ion Ratio Lower Upper
154 100
153 40.8 19.8 59.8
76 10.6 0.0 30.0

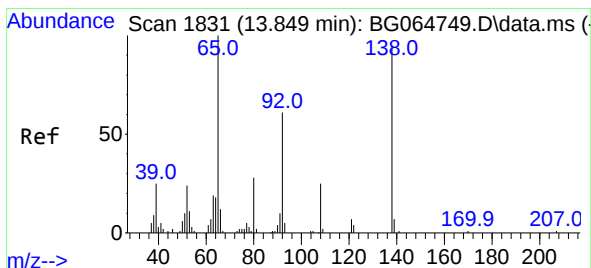
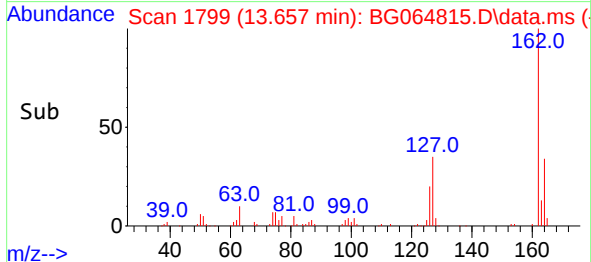
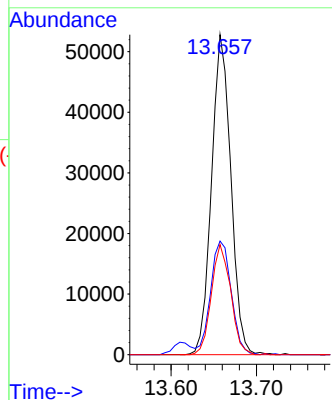
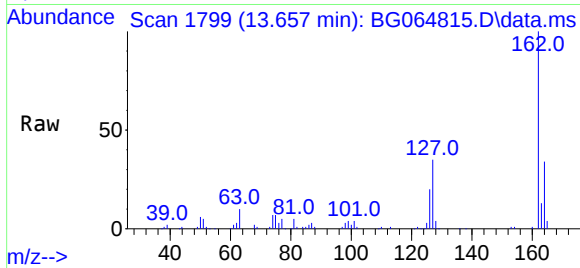




#47
2-Chloronaphthalene
Concen: 9.006 ng
RT: 13.657 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

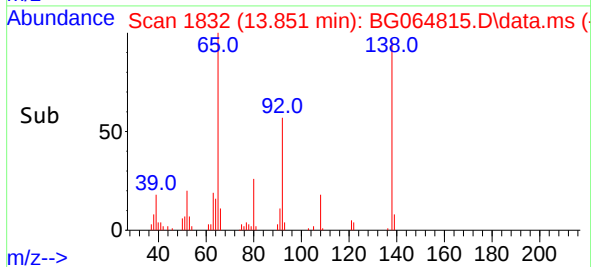
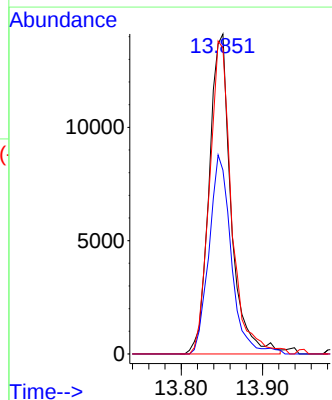
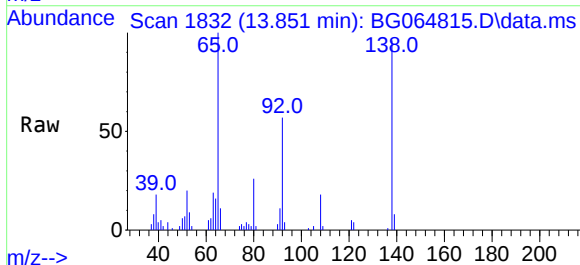
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

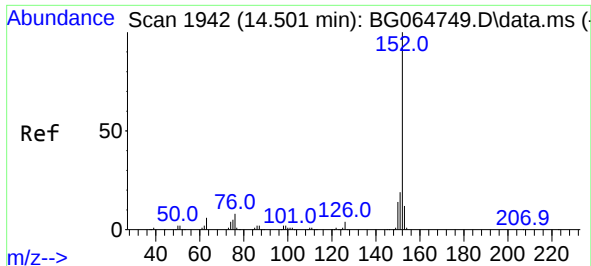
Tgt Ion:	162	Resp:	83096
Ion	Ratio	Lower	Upper
162	100		
127	35.5	30.3	45.5
164	34.4	26.8	40.2



#48
2-Nitroaniline
Concen: 8.891 ng
RT: 13.851 min Scan# 1832
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	65	Resp:	26387
Ion	Ratio	Lower	Upper
65	100		
92	57.4	48.6	73.0
138	95.6	76.4	114.6

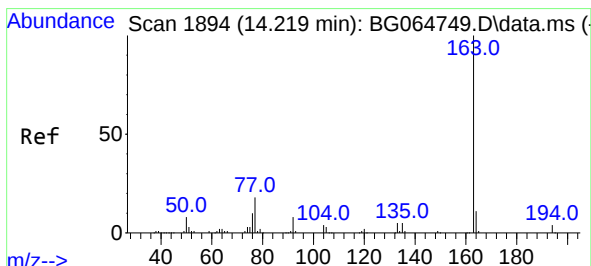
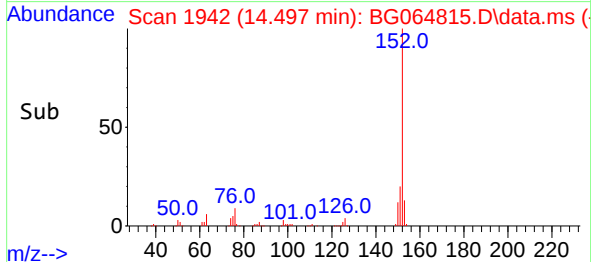
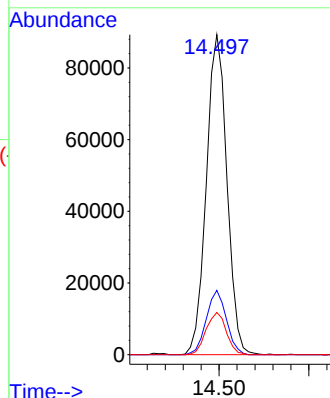
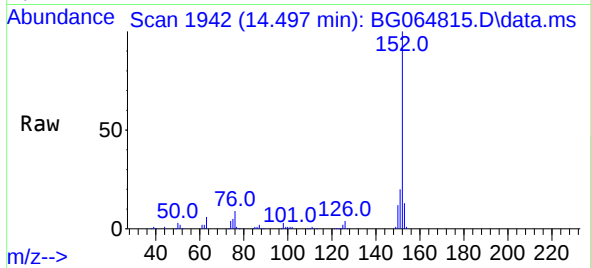




#49
Acenaphthylene
Concen: 9.009 ng
RT: 14.497 min Scan# 1942
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

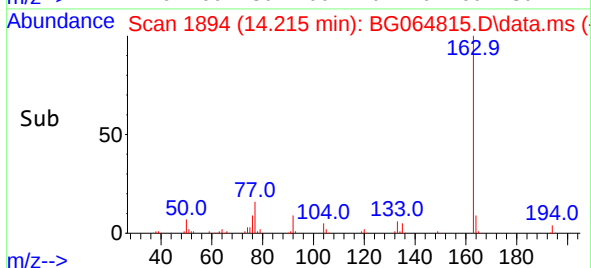
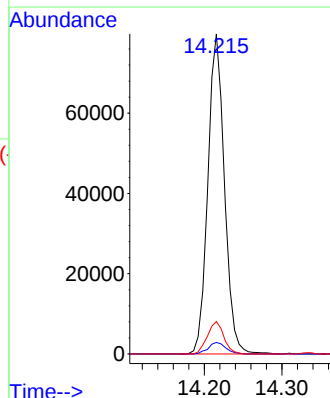
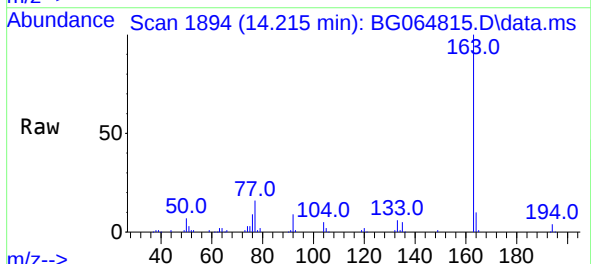
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

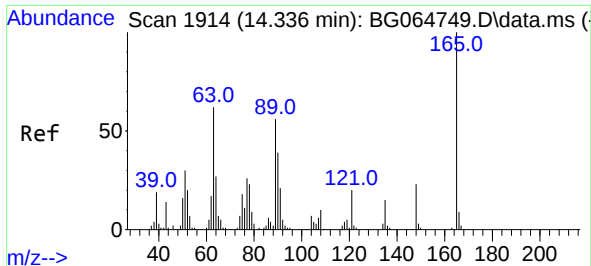
Tgt Ion:	152	Resp:	142019
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.0	22.4
153	13.2	9.9	14.9



#50
Dimethylphthalate
Concen: 9.194 ng
RT: 14.215 min Scan# 1894
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:	163	Resp:	118432
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.2	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 9.583 ng

RT: 14.333 min Scan# 1914

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

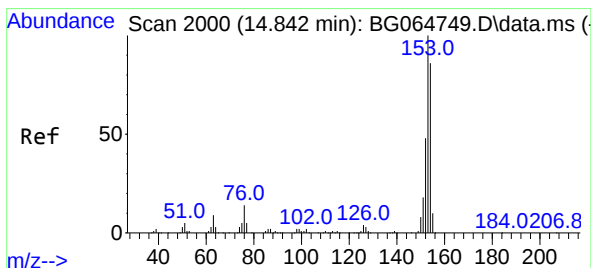
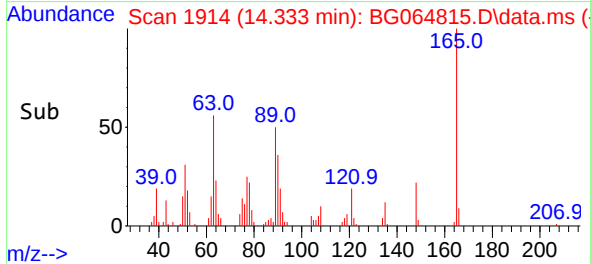
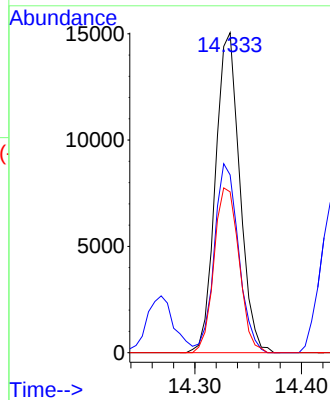
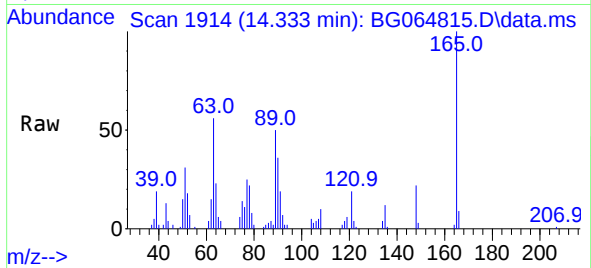
Tgt Ion:165 Resp: 23753

Ion Ratio Lower Upper

165 100

63 55.5 49.8 74.8

89 50.3 45.0 67.4



#52

Acenaphthene

Concen: 8.987 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

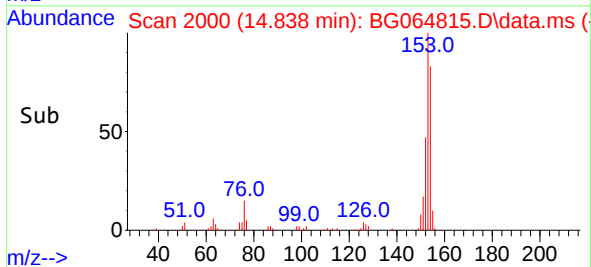
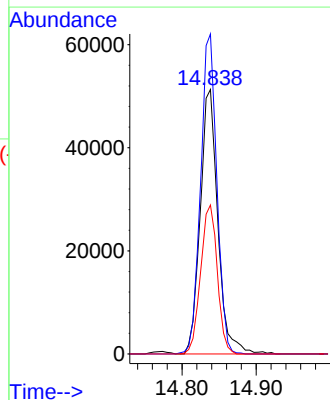
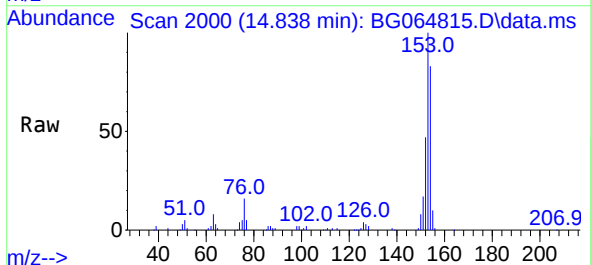
Tgt Ion:154 Resp: 84939

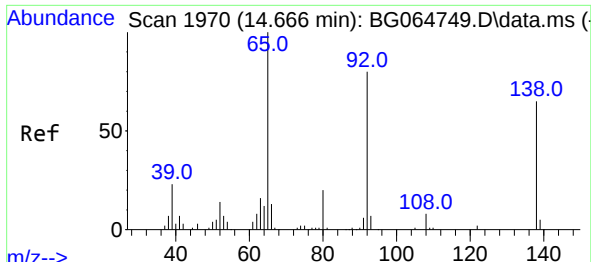
Ion Ratio Lower Upper

154 100

153 121.0 93.0 139.4

152 56.3 44.4 66.6

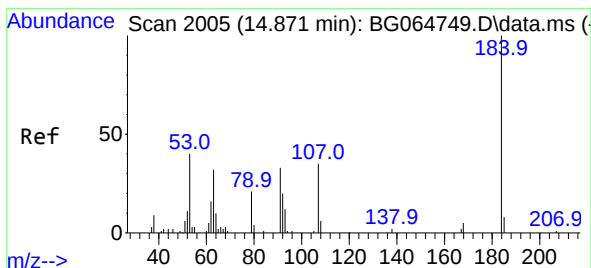
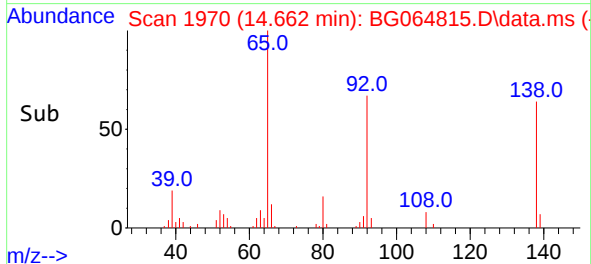
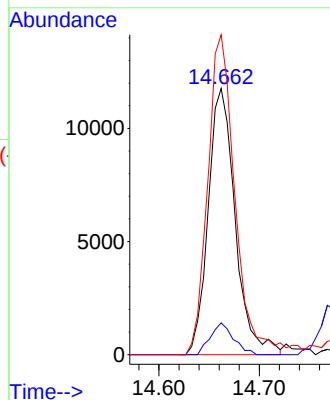
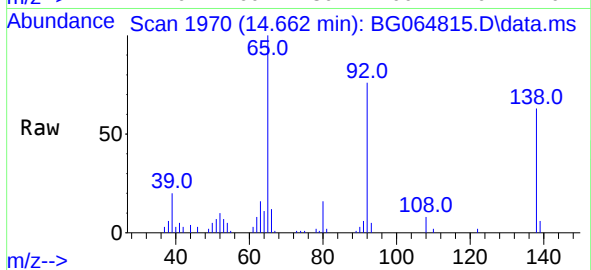




#53
3-Nitroaniline
Concen: 8.997 ng
RT: 14.662 min Scan# 1970
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

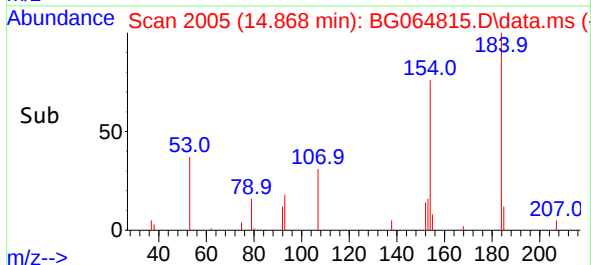
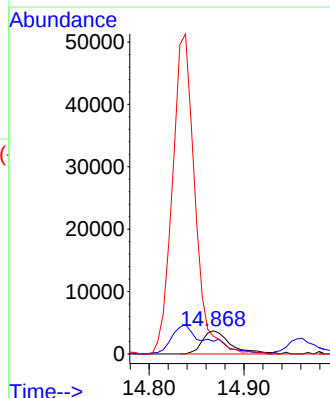
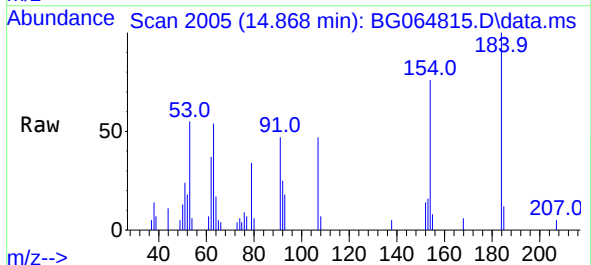
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

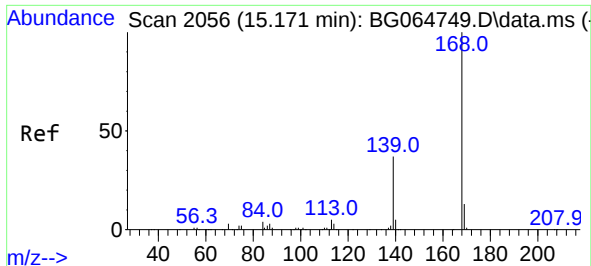
Tgt Ion:138 Resp: 22011
Ion Ratio Lower Upper
138 100
108 12.0 9.5 14.3
92 120.2 99.0 148.4



#54
2,4-Dinitrophenol
Concen: 12.614 ng
RT: 14.868 min Scan# 2005
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:184 Resp: 7666
Ion Ratio Lower Upper
184 100
63 54.2 45.8 68.6
154 76.3 52.6 78.8

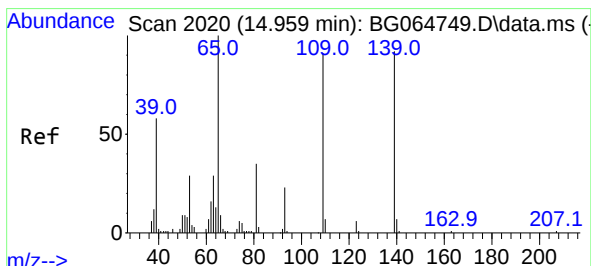
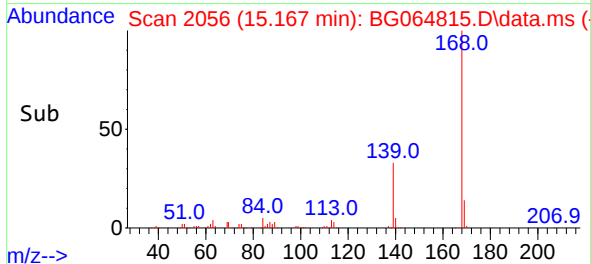
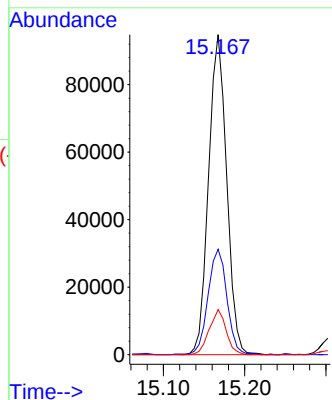
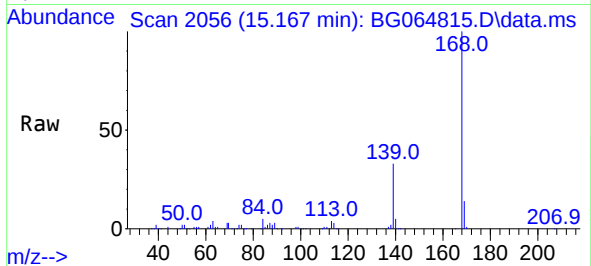




#55
Dibenzenofuran
Concen: 9.374 ng
RT: 15.167 min Scan# 2056
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

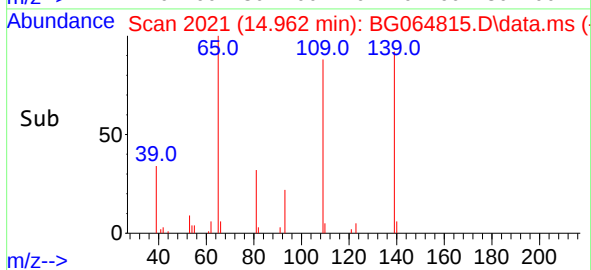
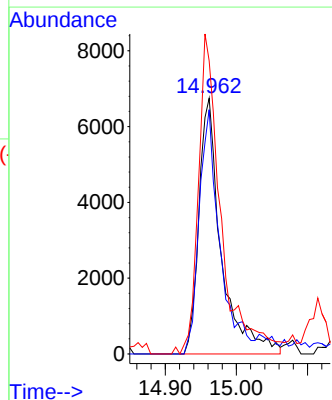
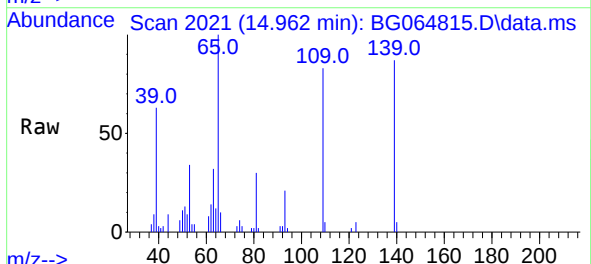
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

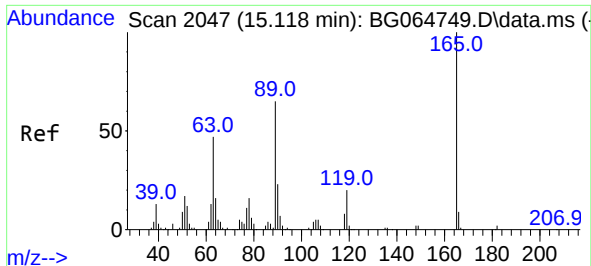
Tgt Ion	Ratio	Lower	Upper
168	100		
139	33.0	29.5	44.3
169	14.1	10.4	15.6



#56
4-Nitrophenol
Concen: 7.597 ng
RT: 14.962 min Scan# 2021
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.6	79.7	119.7
65	114.7	89.9	129.9





#57

2,4-Dinitrotoluene

Concen: 9.342 ng

RT: 15.114 min Scan# 2047

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:165 Resp: 34714

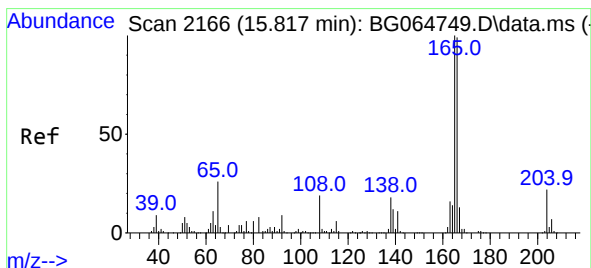
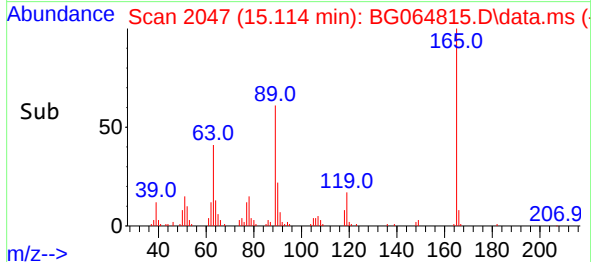
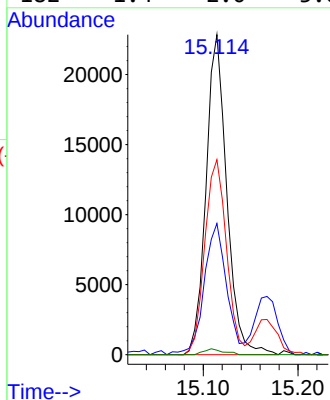
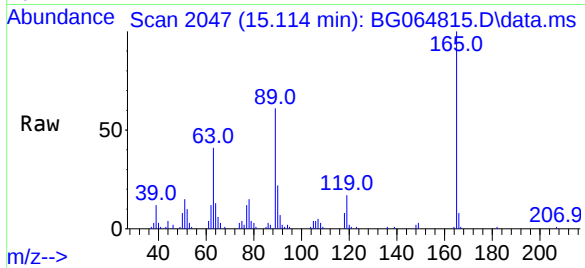
Ion Ratio Lower Upper

165 100

63 41.0 37.8 56.6

89 61.0 51.6 77.4

182 1.4 2.0 3.0#



#58

Fluorene

Concen: 9.281 ng

RT: 15.814 min Scan# 2166

Delta R.T. -0.004 min

Lab File: BG064815.D

Acq: 19 Nov 2025 14:35

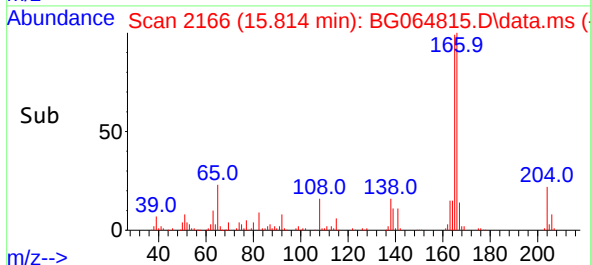
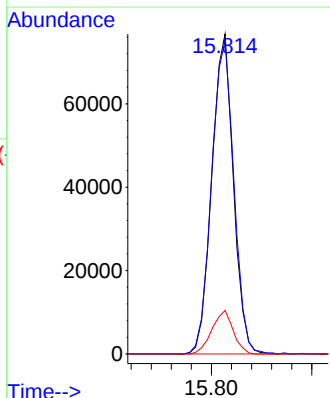
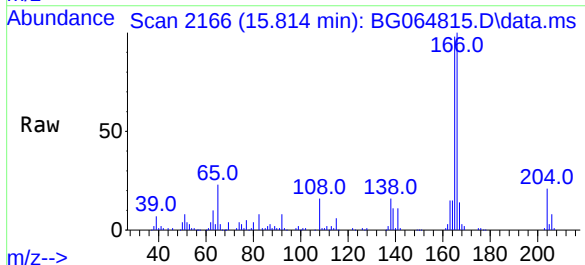
Tgt Ion:166 Resp: 113746

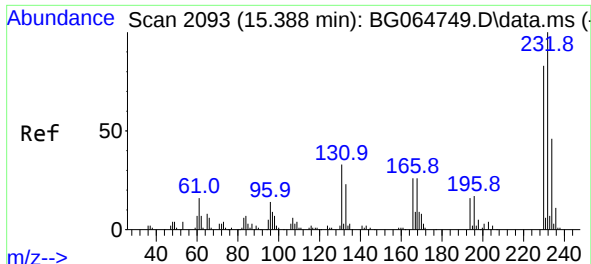
Ion Ratio Lower Upper

166 100

165 97.9 80.5 120.7

167 13.6 10.3 15.5

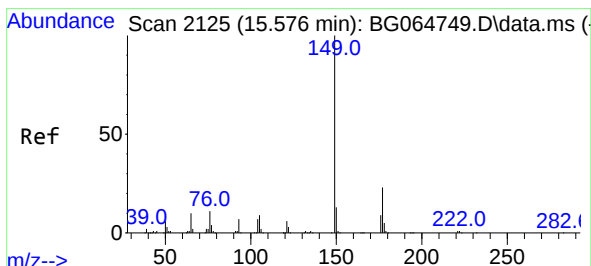
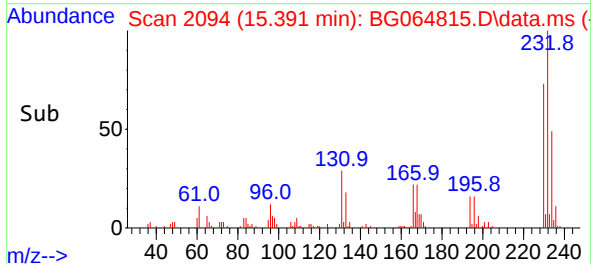
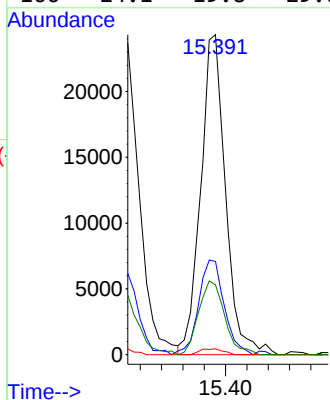
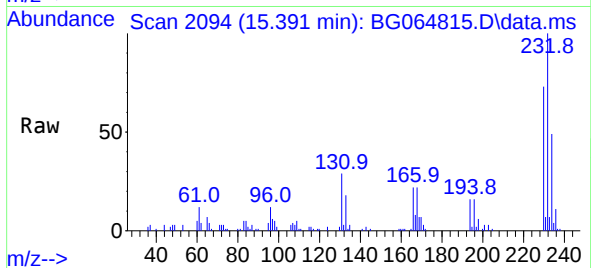




#59
2,3,4,6-Tetrachlorophenol
Concen: 9.566 ng
RT: 15.391 min Scan# 2094
Delta R.T. 0.002 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

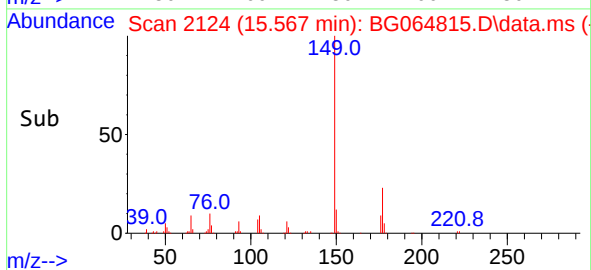
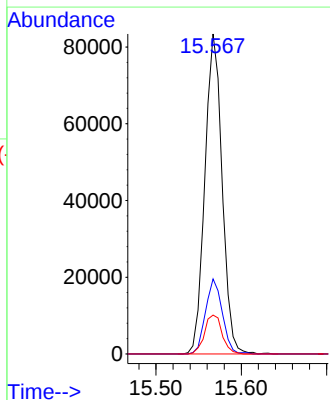
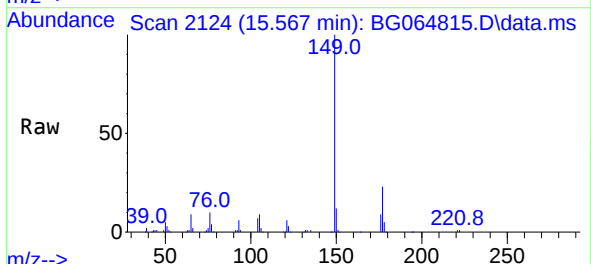
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

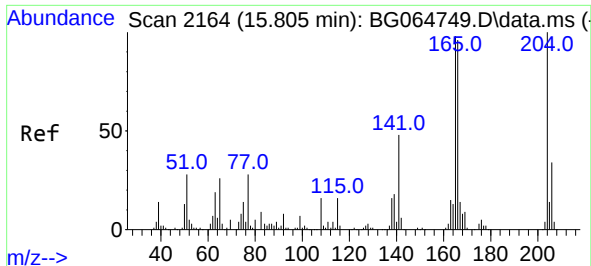
Tgt Ion:232 Resp: 39428
Ion Ratio Lower Upper
232 100
131 30.4 26.0 39.0
130 1.7 1.6 2.4
166 24.1 19.8 29.6



#60
Diethylphthalate
Concen: 9.492 ng
RT: 15.567 min Scan# 2124
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:149 Resp: 117125
Ion Ratio Lower Upper
149 100
177 23.4 18.4 27.6
150 12.2 10.1 15.1

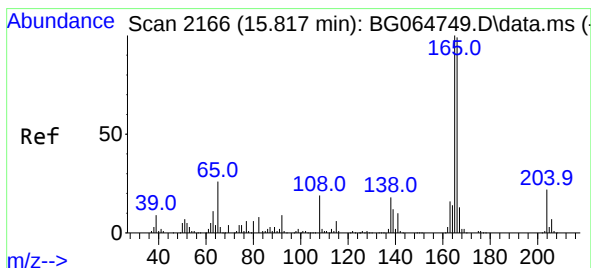
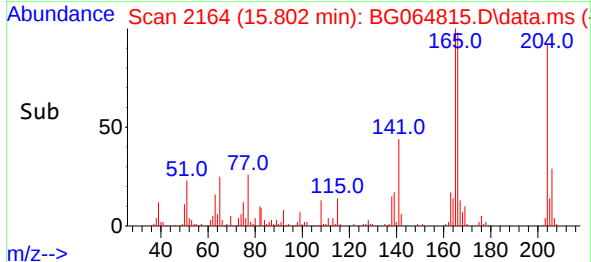
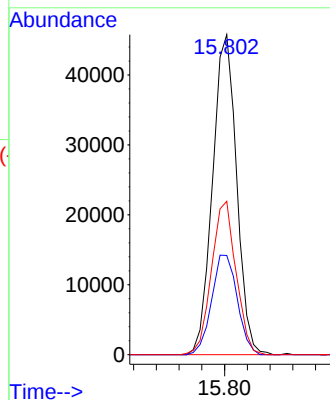
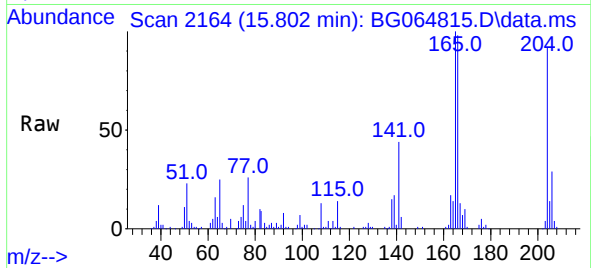




#61
4-Chlorophenyl-phenylether
Concen: 9.128 ng
RT: 15.802 min Scan# 2164
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

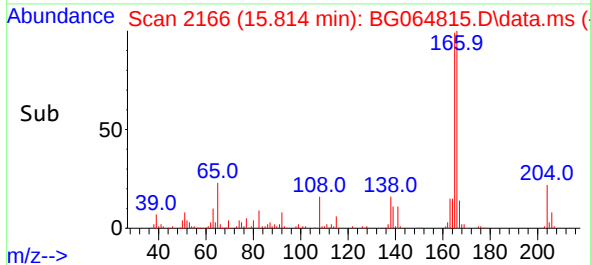
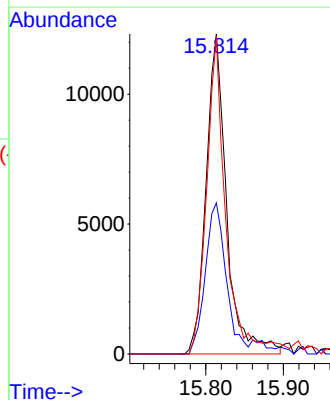
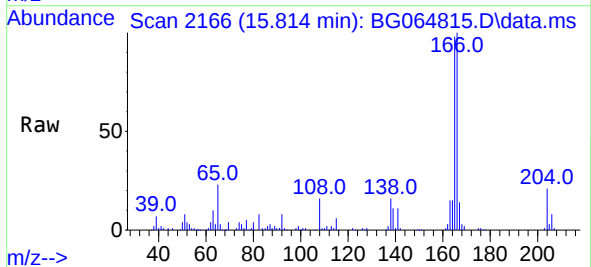
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

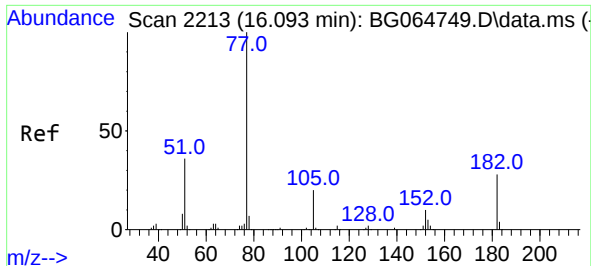
Tgt Ion:204 Resp: 67135
Ion Ratio Lower Upper
204 100
206 31.0 26.9 40.3
141 47.9 38.1 57.1



#62
4-Nitroaniline
Concen: 8.952 ng
RT: 15.814 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:138 Resp: 22687
Ion Ratio Lower Upper
138 100
92 47.2 30.7 70.7
108 99.3 85.7 125.7

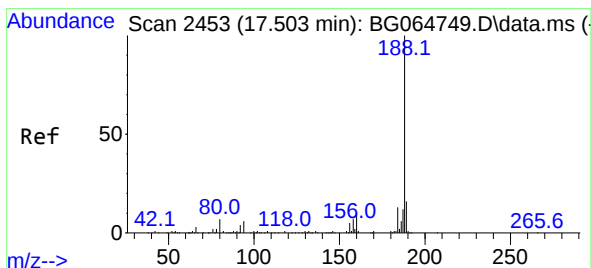
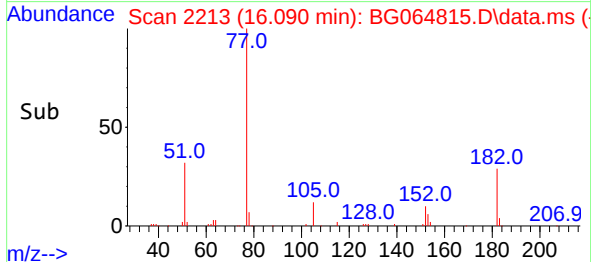
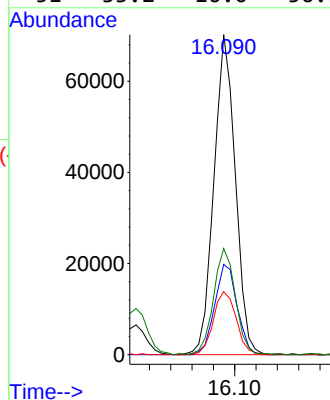
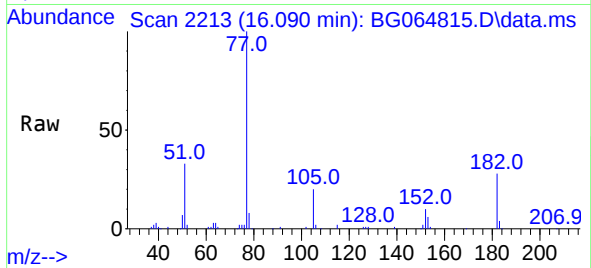




#63
Azobenzene
Concen: 9.528 ng
RT: 16.090 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

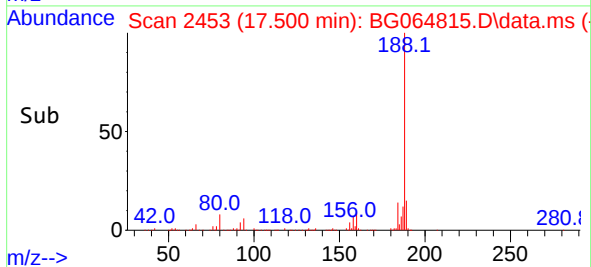
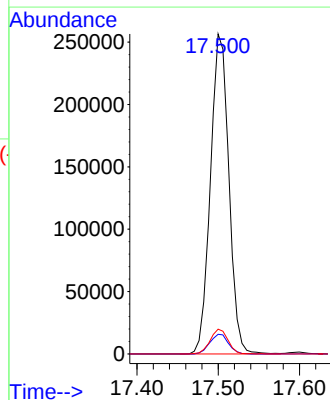
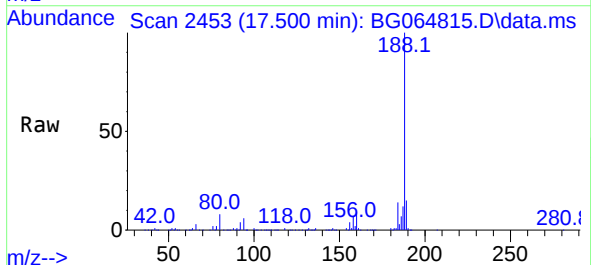
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

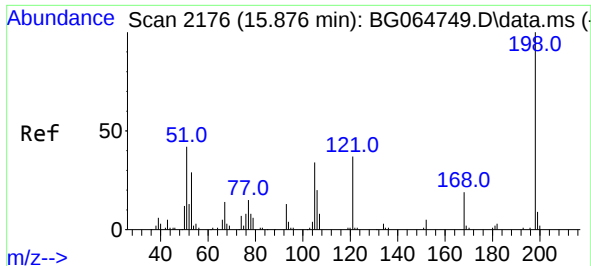
Tgt Ion: 77	Resp: 97789
Ion Ratio	Lower Upper
77 100	
182 28.2	8.1 48.1
105 19.7	0.1 40.1
51 33.2	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.500 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:188	Resp: 403986
Ion Ratio	Lower Upper
188 100	
94 6.2	4.7 7.1
80 7.8	5.4 8.2

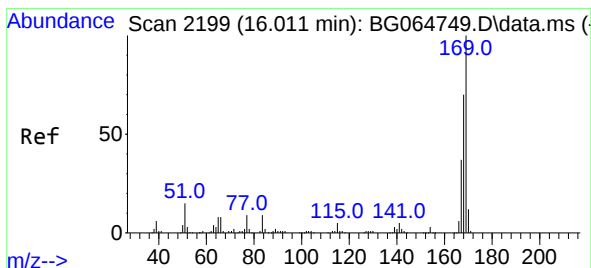
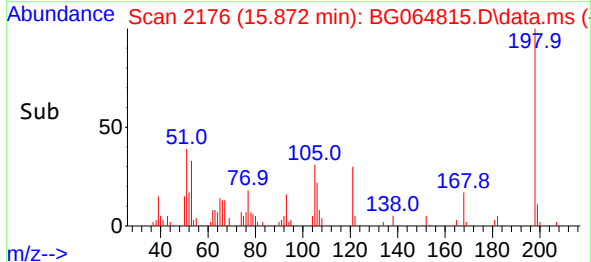
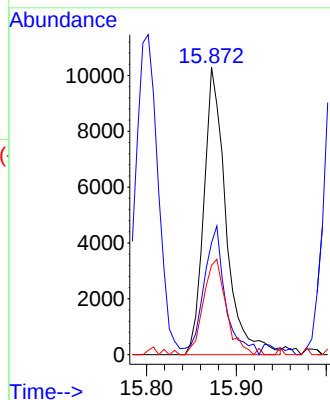
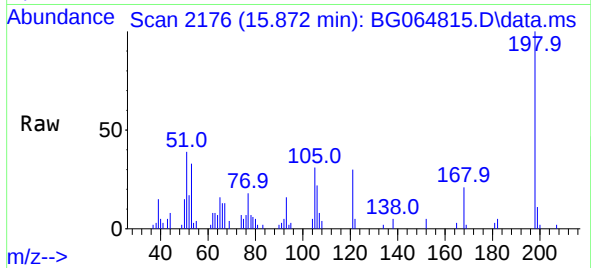




#65
4,6-Dinitro-2-methylphenol
Concen: 7.843 ng
RT: 15.872 min Scan# 2176
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

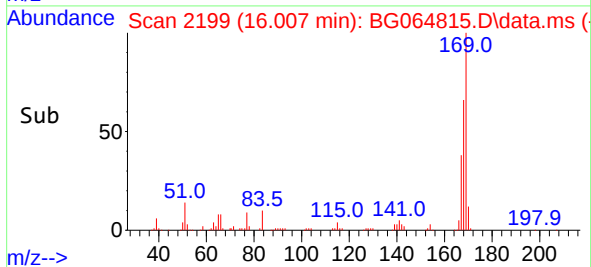
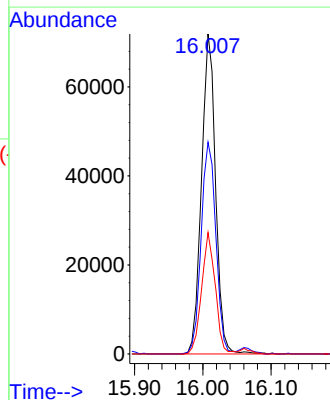
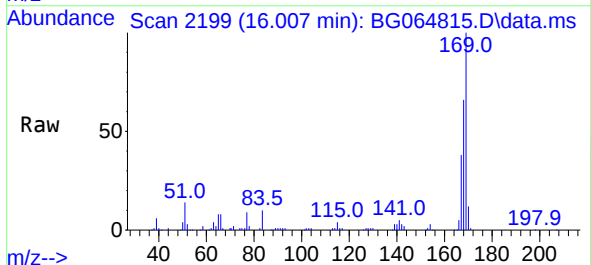
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

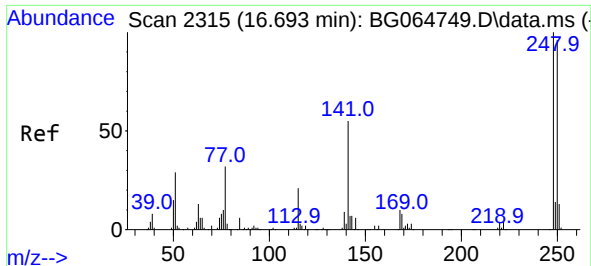
Tgt Ion:198 Resp: 17592
Ion Ratio Lower Upper
198 100
51 38.9 25.2 65.2
105 31.1 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 9.753 ng
RT: 16.007 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:169 Resp: 103205
Ion Ratio Lower Upper
169 100
168 66.2 55.9 83.9
167 37.9 29.8 44.6

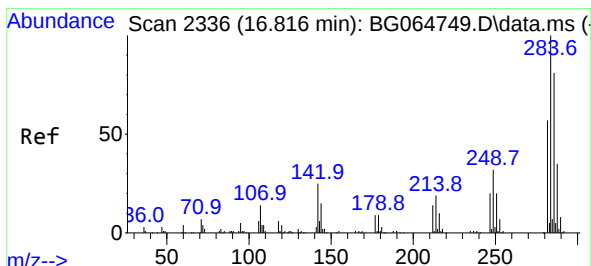
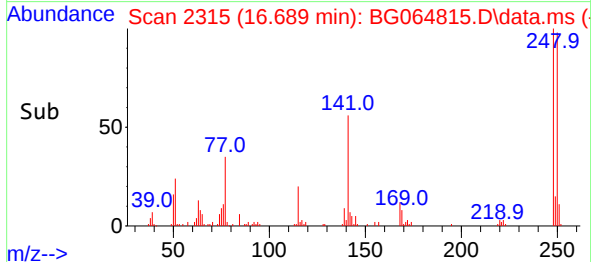
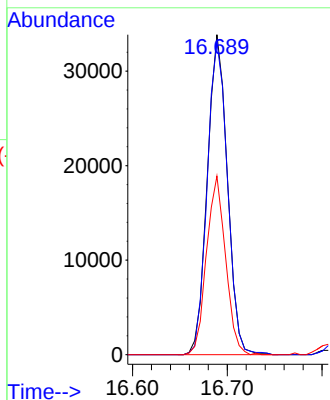
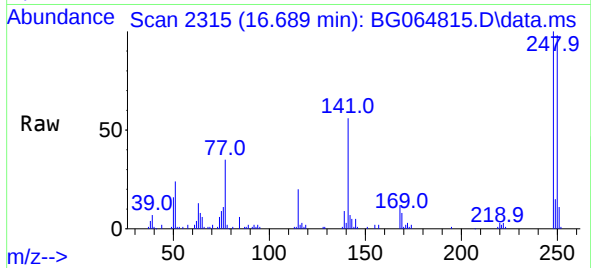




#67
4-Bromophenyl-phenylether
Concen: 9.352 ng
RT: 16.689 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

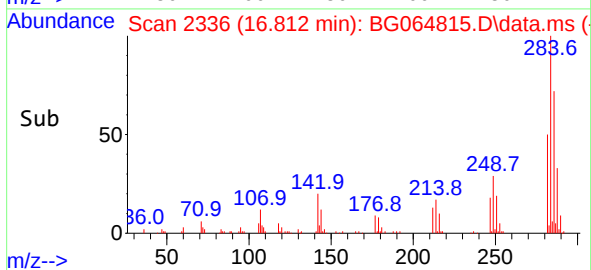
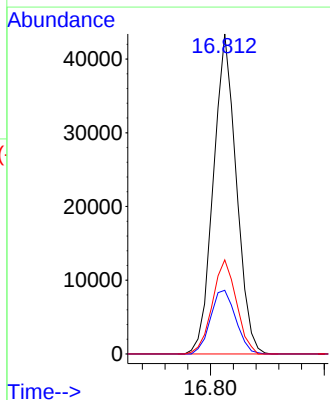
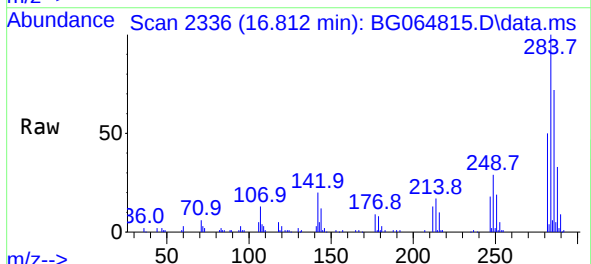
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

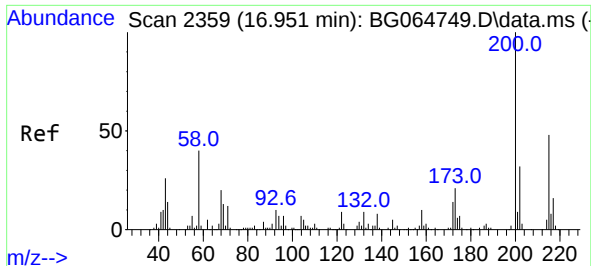
Tgt Ion:248 Resp: 49615
Ion Ratio Lower Upper
248 100
250 97.7 77.0 115.6
141 55.8 43.7 65.5



#68
Hexachlorobenzene
Concen: 9.470 ng
RT: 16.812 min Scan# 2336
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:284 Resp: 60868
Ion Ratio Lower Upper
284 100
142 19.9 19.7 29.5
249 29.4 28.1 42.1

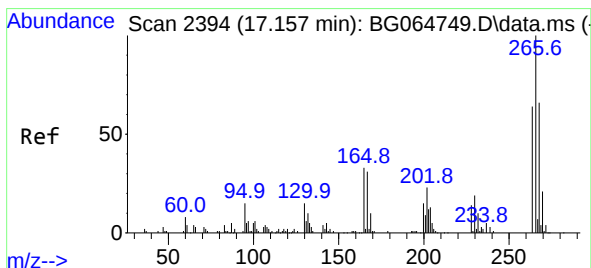
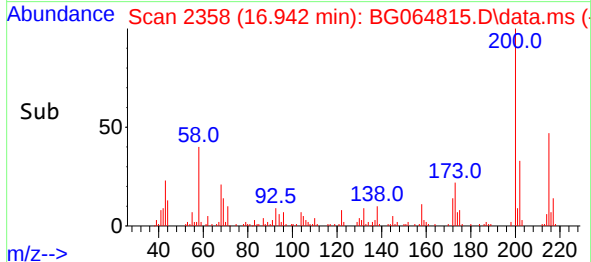
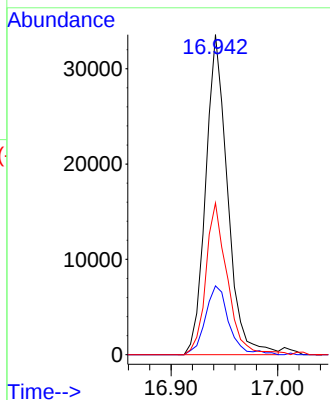
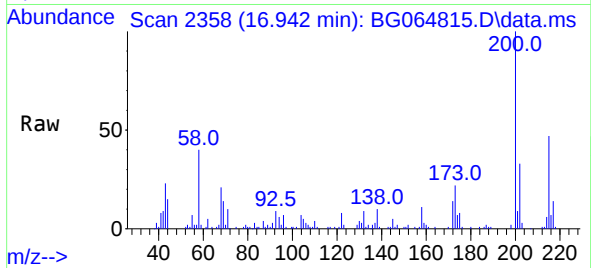




#69
Atrazine
Concen: 9.361 ng
RT: 16.942 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

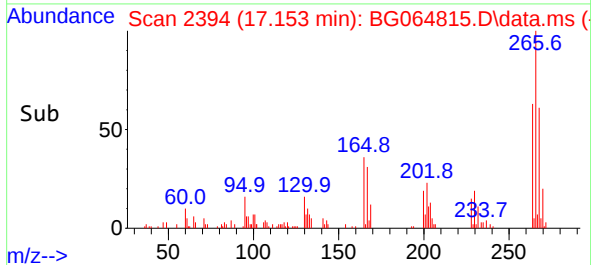
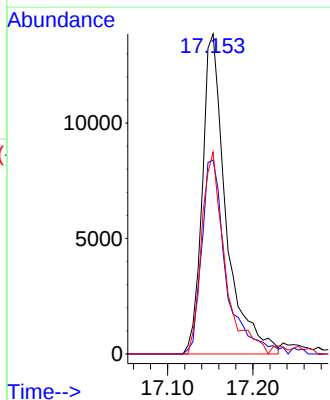
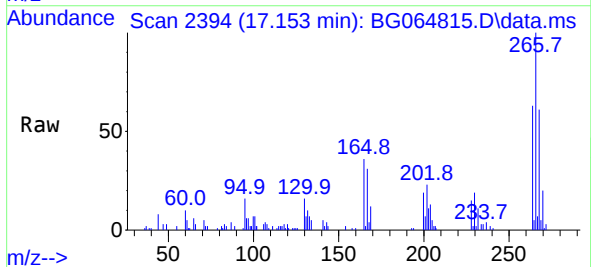
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

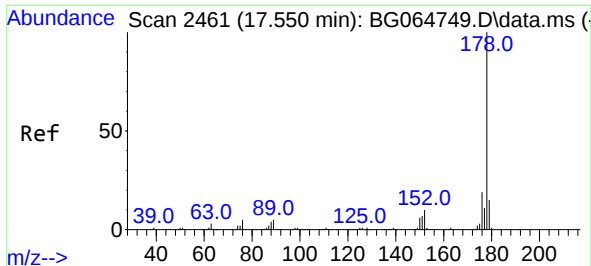
Tgt Ion:200 Resp: 47760
Ion Ratio Lower Upper
200 100
173 21.5 0.9 40.9
215 47.4 27.5 67.5



#70
Pentachlorophenol
Concen: 12.638 ng
RT: 17.153 min Scan# 2394
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:266 Resp: 26760
Ion Ratio Lower Upper
266 100
268 65.7 56.1 84.1
264 68.6 51.2 76.8

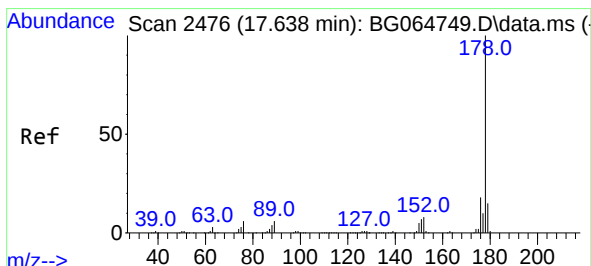
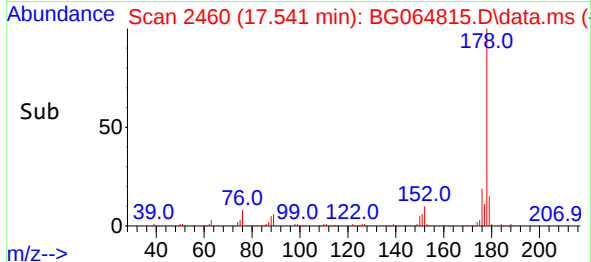
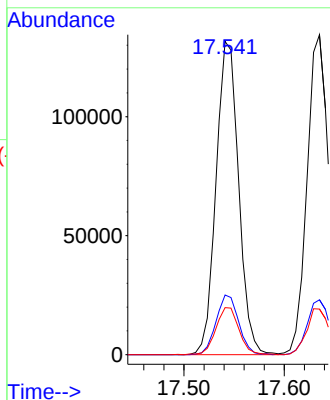
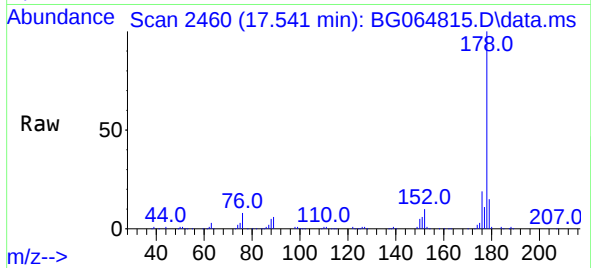




#71
Phenanthrene
Concen: 9.286 ng
RT: 17.541 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

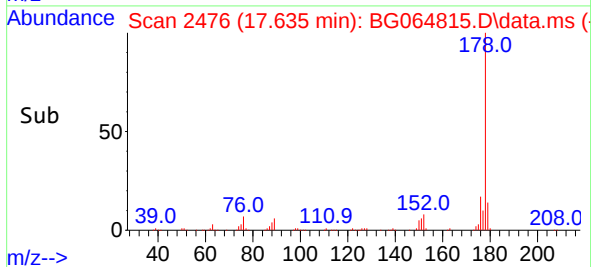
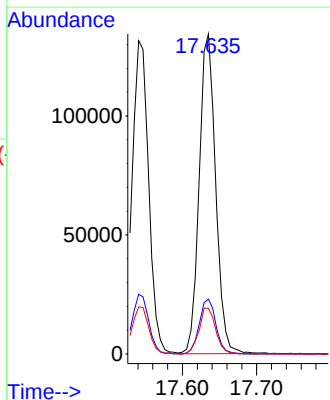
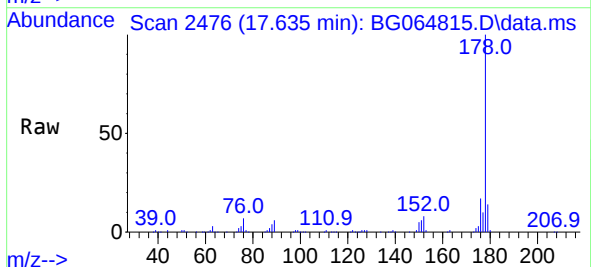
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

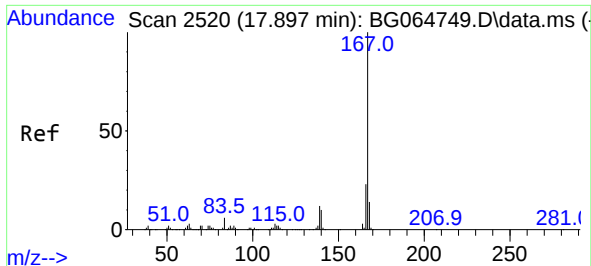
Tgt Ion:178 Resp: 205262
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.0 12.2 18.4



#72
Anthracene
Concen: 9.179 ng
RT: 17.635 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:178 Resp: 206884
Ion Ratio Lower Upper
178 100
176 17.1 14.5 21.7
179 14.2 12.2 18.4

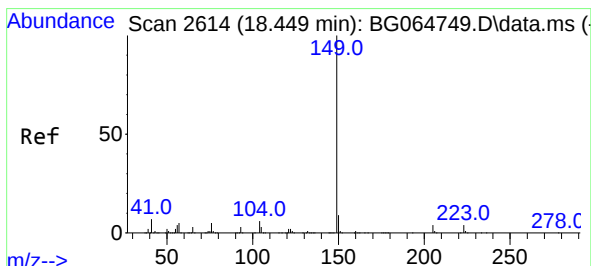
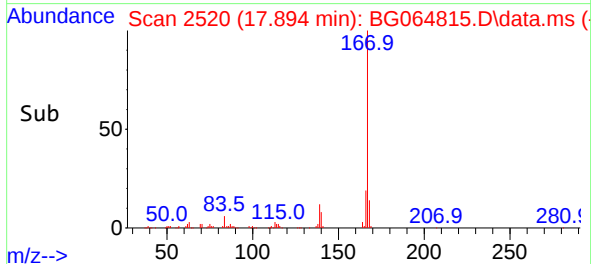
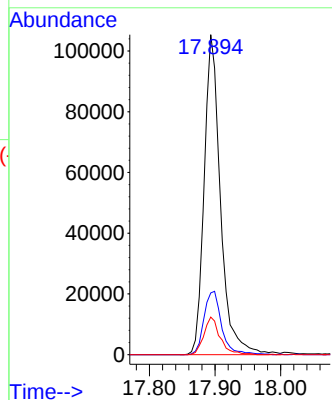
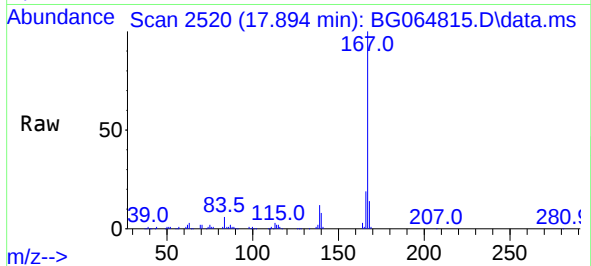




#73
 Carbazole
 Concen: 9.427 ng
 RT: 17.894 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

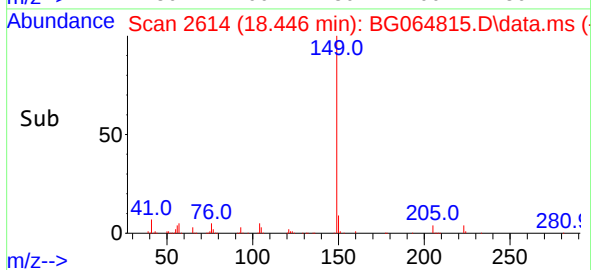
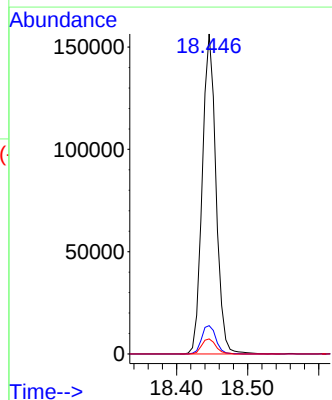
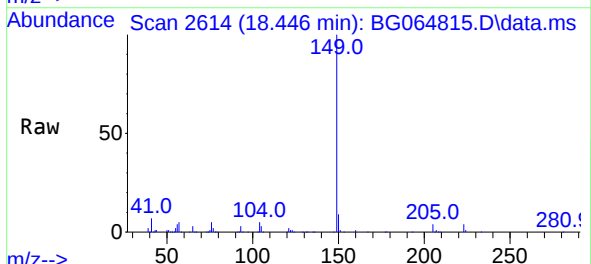
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

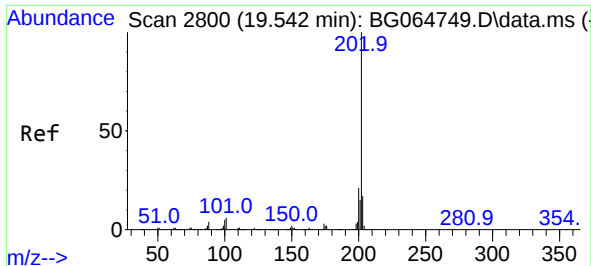
Tgt Ion:167 Resp: 182657
 Ion Ratio Lower Upper
 167 100
 166 19.3 18.0 27.0
 139 11.8 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 9.708 ng
 RT: 18.446 min Scan# 2614
 Delta R.T. -0.004 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

Tgt Ion:149 Resp: 209853
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.5 11.3
 104 4.7 4.4 6.6

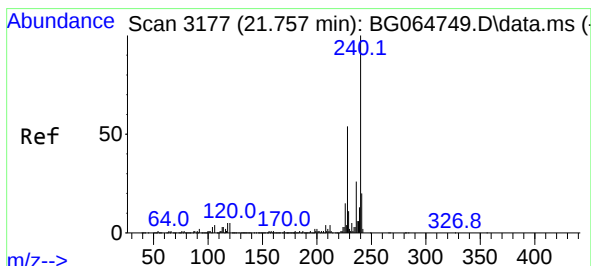
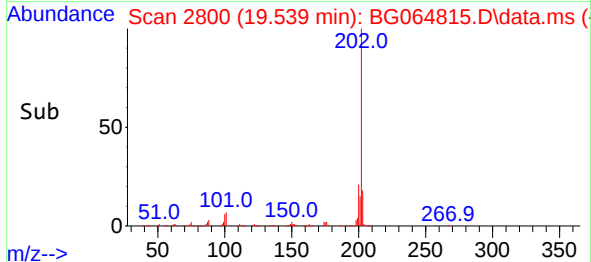
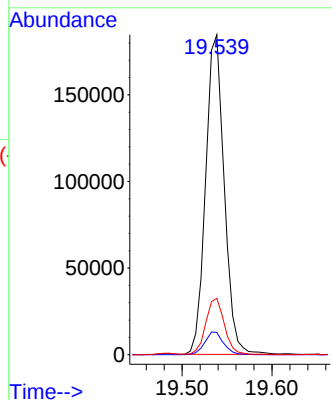
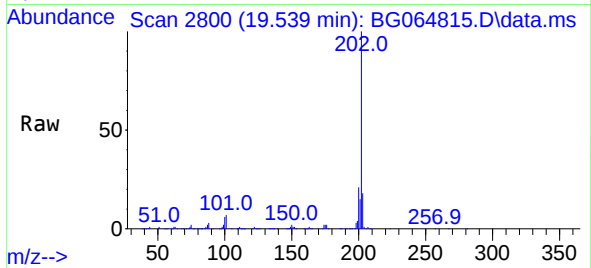




#75
Fluoranthene
Concen: 8.773 ng
RT: 19.539 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

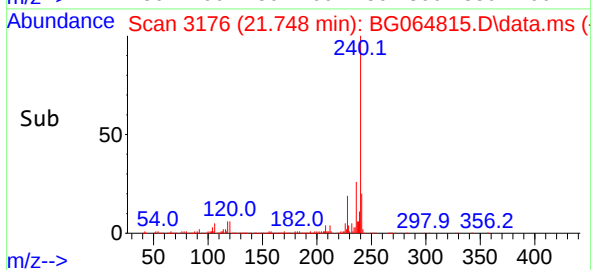
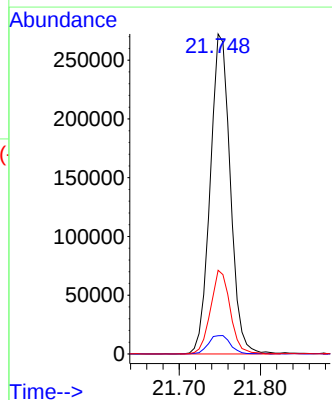
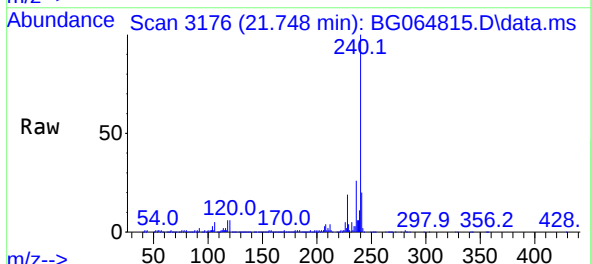
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

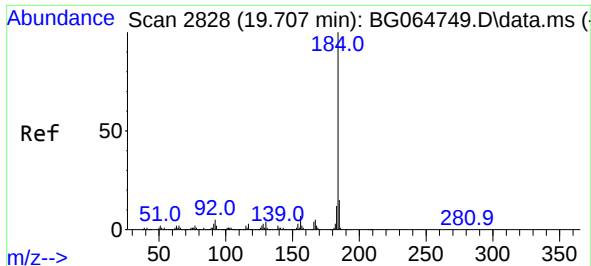
Tgt Ion:202 Resp: 265170
Ion Ratio Lower Upper
202 100
101 6.9 0.0 26.4
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.748 min Scan# 3176
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:240 Resp: 466879
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 26.2 20.8 31.2

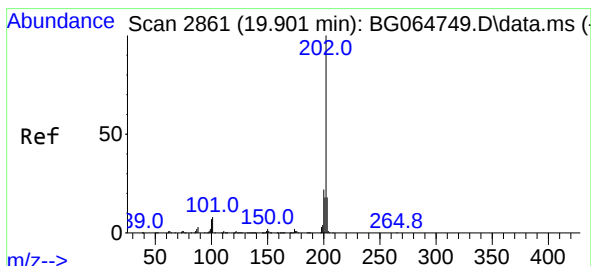
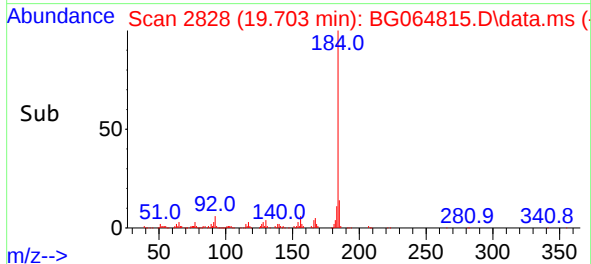
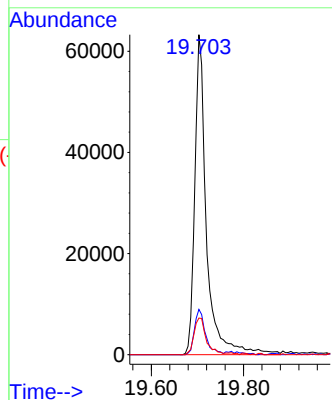
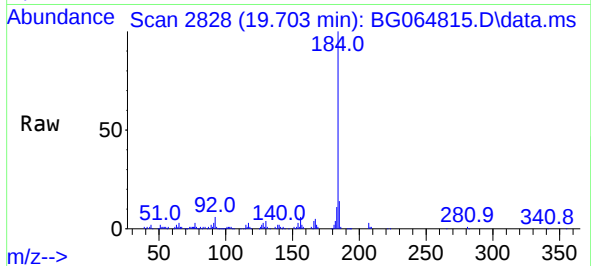




#77
Benzidine
Concen: 7.960 ng
RT: 19.703 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

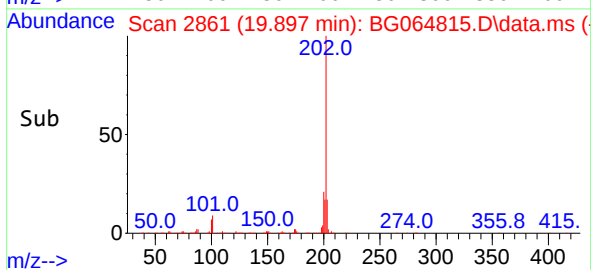
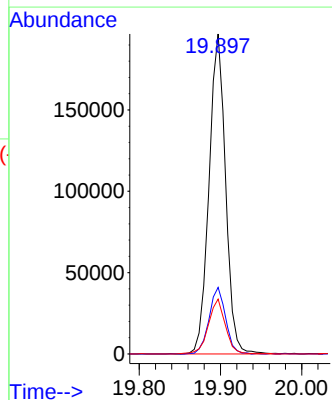
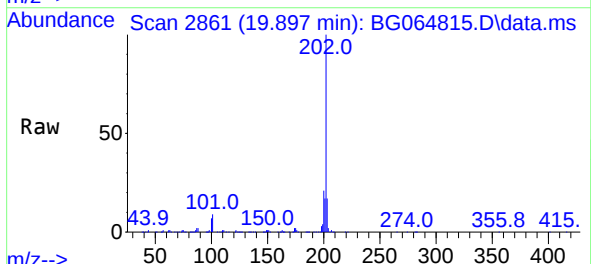
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

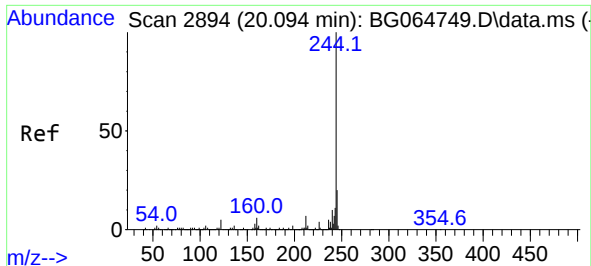
Tgt Ion:184 Resp: 111295
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 11.5 9.8 14.6



#78
Pyrene
Concen: 10.632 ng
RT: 19.897 min Scan# 2861
Delta R.T. -0.004 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:202 Resp: 278209
Ion Ratio Lower Upper
202 100
200 20.8 17.9 26.9
203 17.2 14.0 21.0

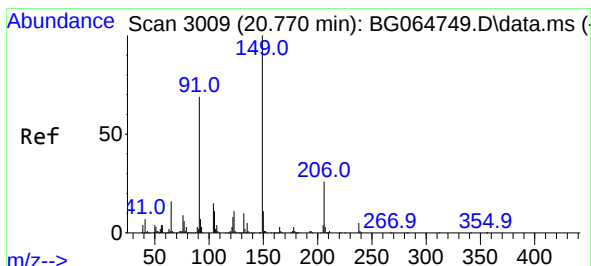
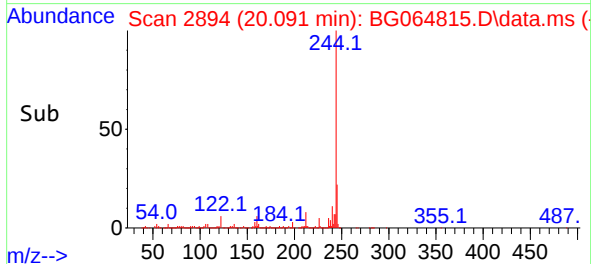
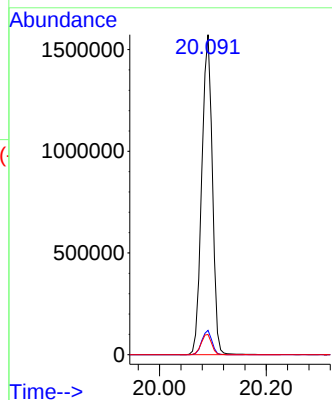
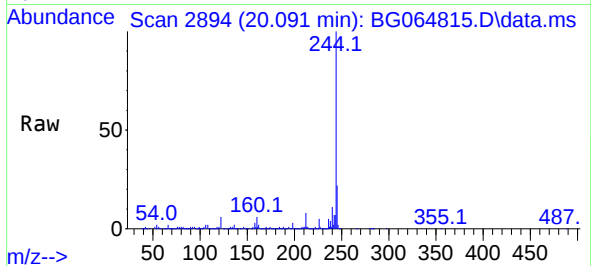




#79
 Terphenyl-d14
 Concen: 91.144 ng
 RT: 20.091 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

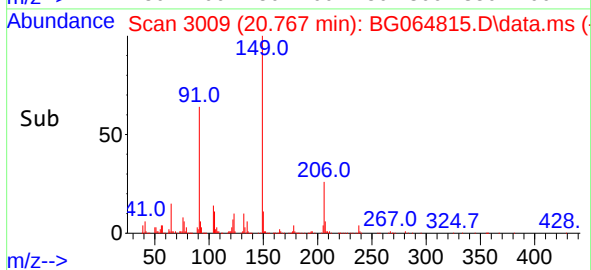
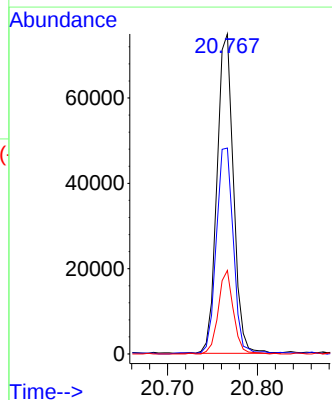
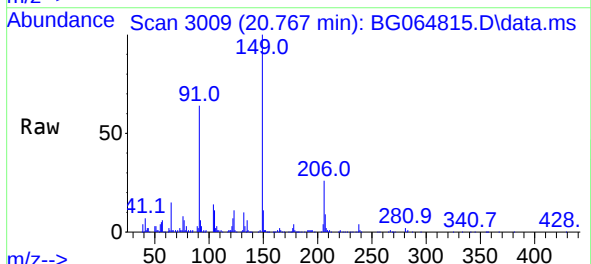
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

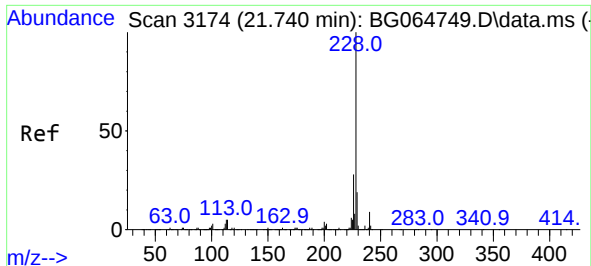
Tgt Ion:244 Resp: 2163264
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.3 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 10.344 ng
 RT: 20.767 min Scan# 3009
 Delta R.T. -0.003 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

Tgt Ion:149 Resp: 95203
 Ion Ratio Lower Upper
 149 100
 91 64.3 54.9 82.3
 206 26.1 21.2 31.8

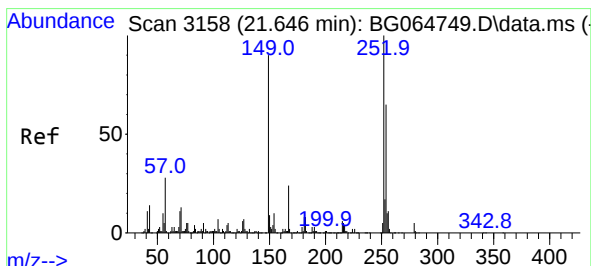
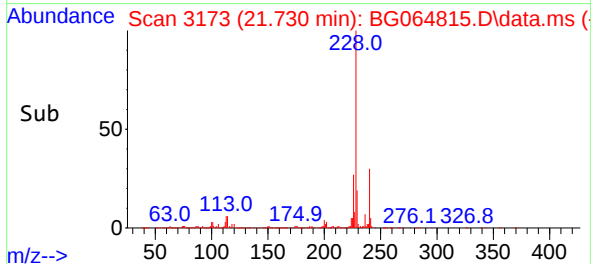
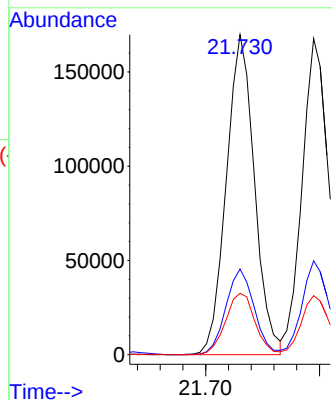
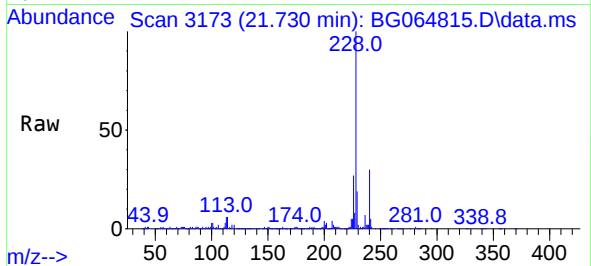




#81
Benzo(a)anthracene
Concen: 9.197 ng
RT: 21.730 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

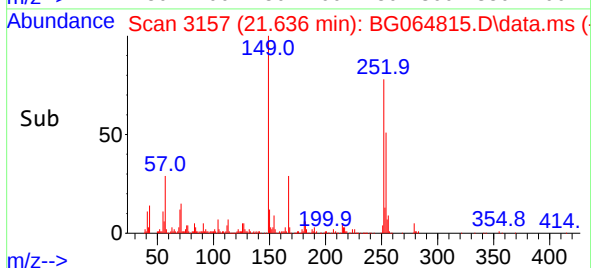
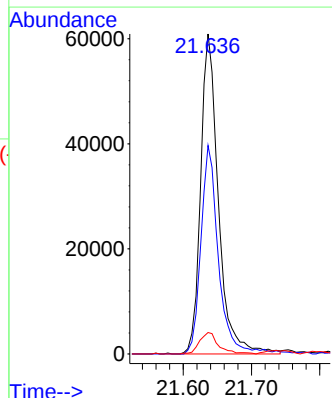
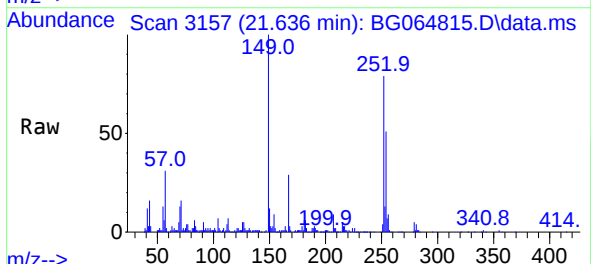
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

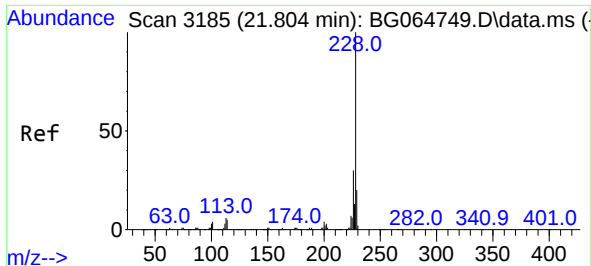
Tgt Ion:228 Resp: 291962
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 19.2 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 9.416 ng
RT: 21.636 min Scan# 3157
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:252 Resp: 110022
Ion Ratio Lower Upper
252 100
254 65.2 51.8 77.8
126 6.7 4.7 7.1

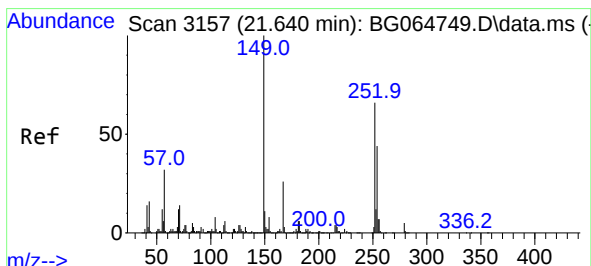
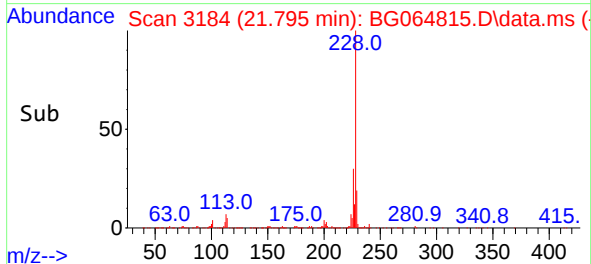
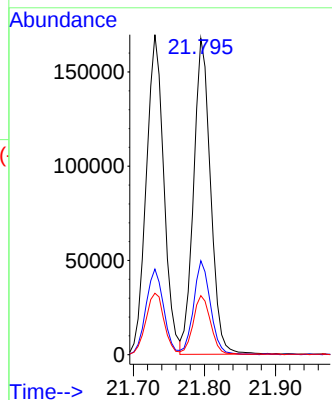
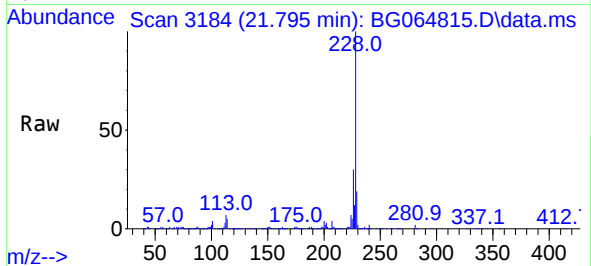




#83
Chrysene
Concen: 9.289 ng
RT: 21.795 min Scan# 3184
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

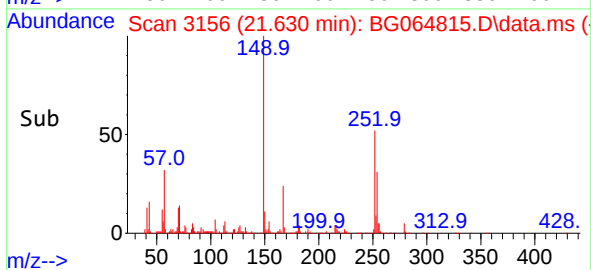
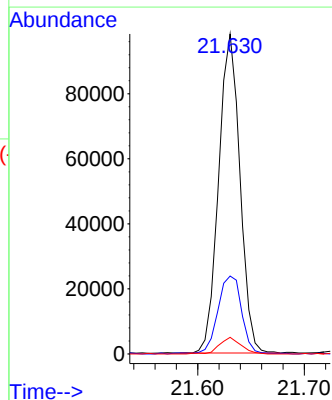
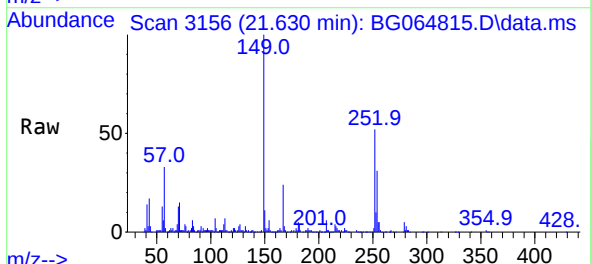
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

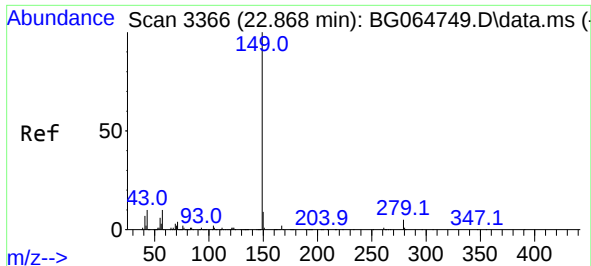
Tgt Ion:228 Resp: 278017
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 18.7 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.098 ng
RT: 21.630 min Scan# 3156
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:149 Resp: 135814
Ion Ratio Lower Upper
149 100
167 24.4 21.0 31.4
279 5.2 4.1 6.1

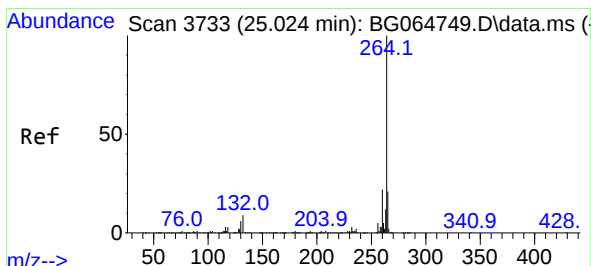
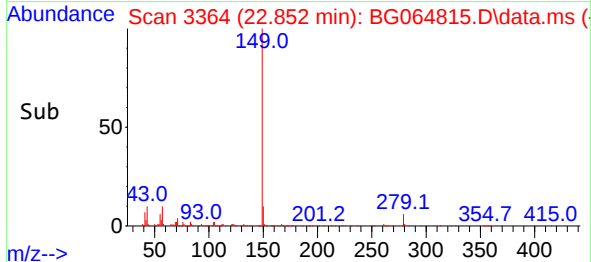
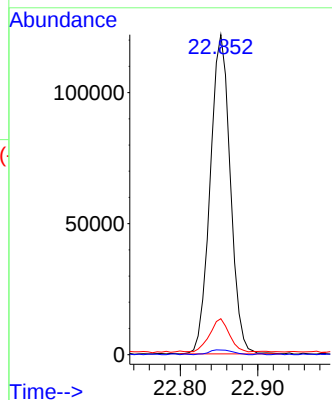
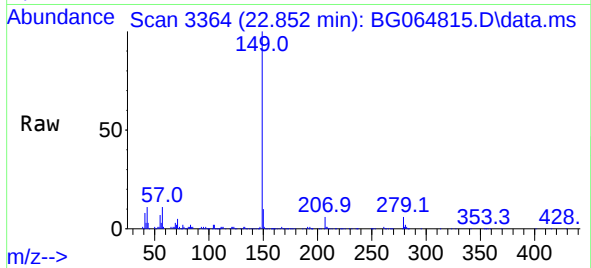




#85
Di-n-octyl phthalate
Concen: 9.466 ng
RT: 22.852 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

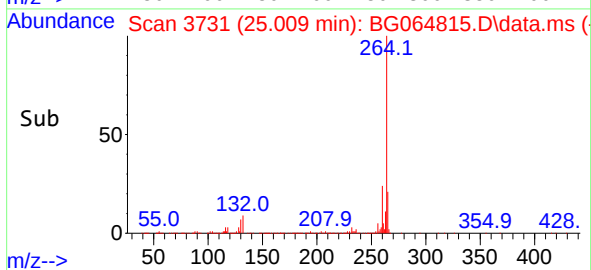
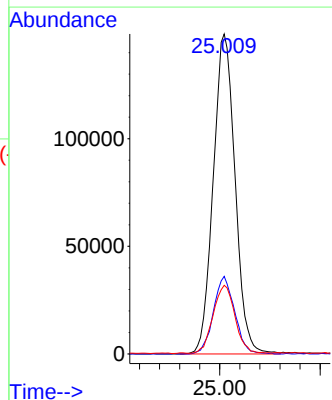
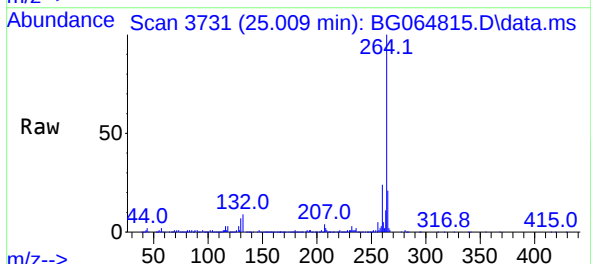
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

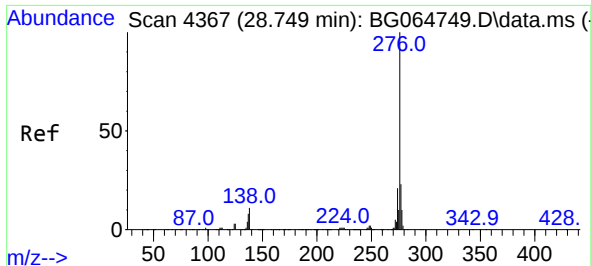
Tgt Ion:149 Resp: 220057
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 9.9 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.009 min Scan# 3731
Delta R.T. -0.015 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:264 Resp: 449020
Ion Ratio Lower Upper
264 100
260 24.3 17.2 25.8
265 21.5 16.6 25.0

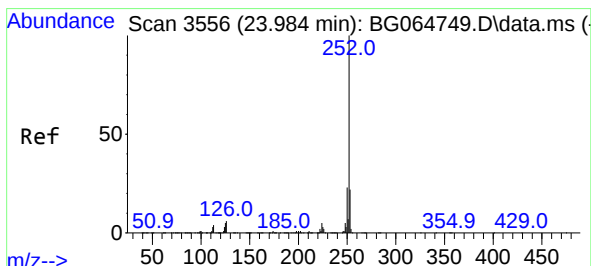
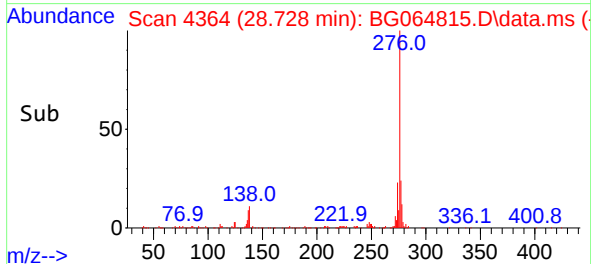
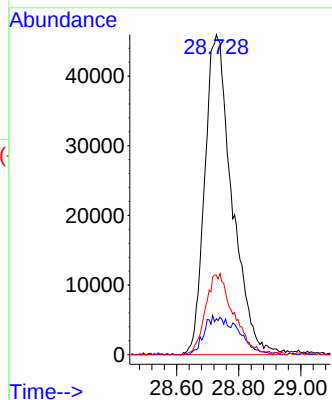
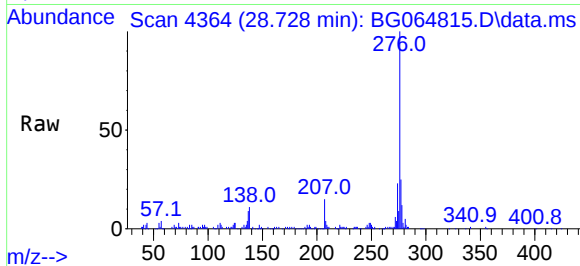




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.085 ng
 RT: 28.728 min Scan# 41
 Delta R.T. -0.021 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

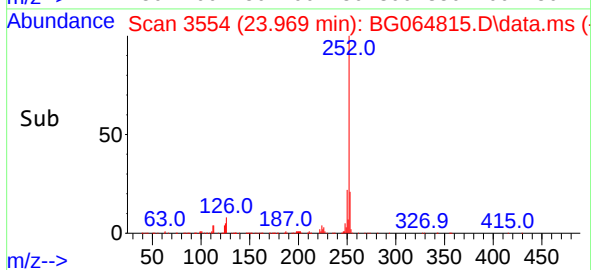
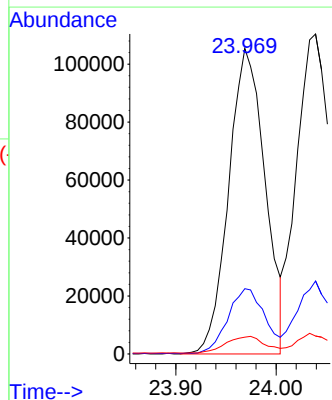
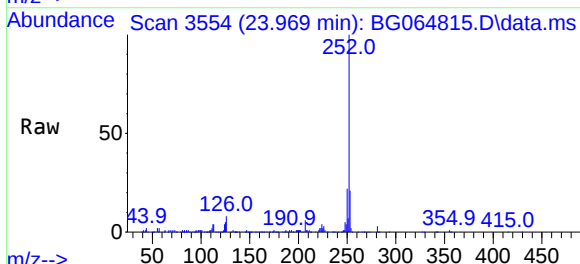
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

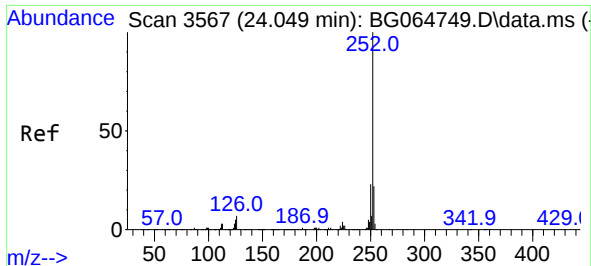
Tgt Ion:276 Resp: 280251
 Ion Ratio Lower Upper
 276 100
 138 0.0 4.5 6.7#
 277 26.0 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 9.312 ng
 RT: 23.969 min Scan# 3554
 Delta R.T. -0.015 min
 Lab File: BG064815.D
 Acq: 19 Nov 2025 14:35

Tgt Ion:252 Resp: 266076
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.2
 125 5.5 4.2 6.2

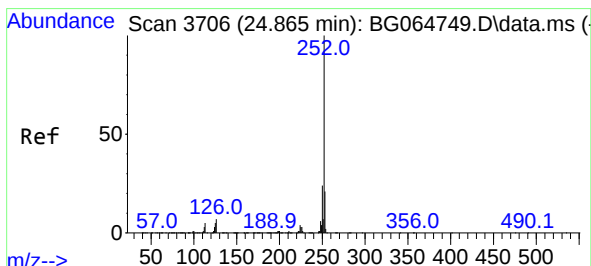
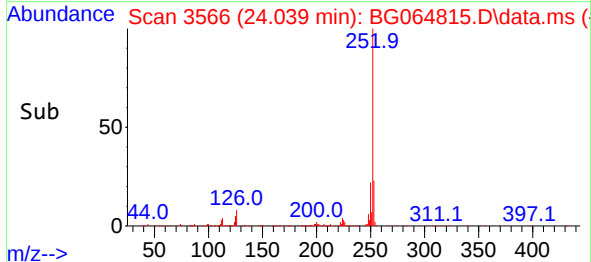
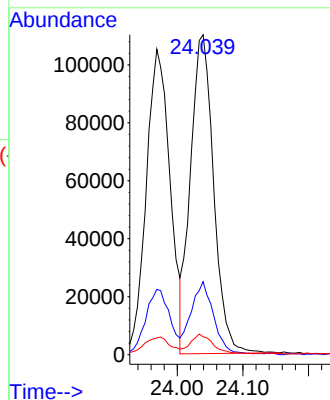
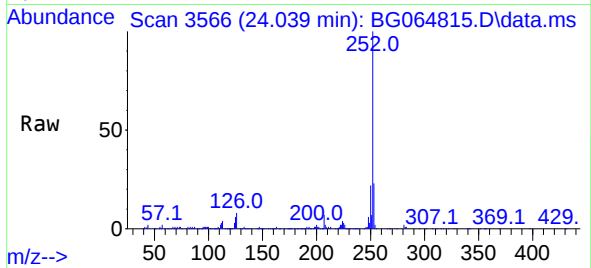




#89
Benzo(k)fluoranthene
Concen: 9.402 ng
RT: 24.039 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

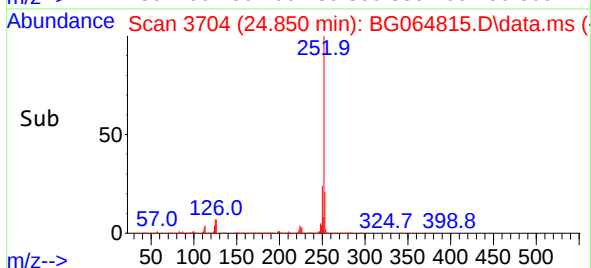
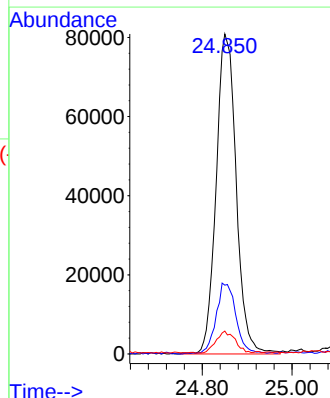
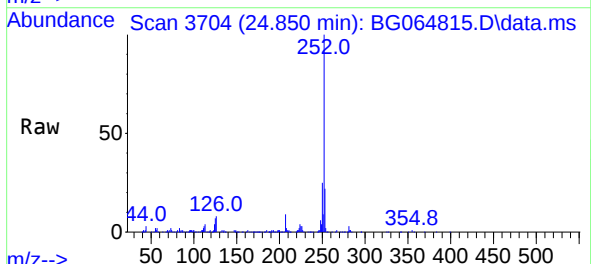
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

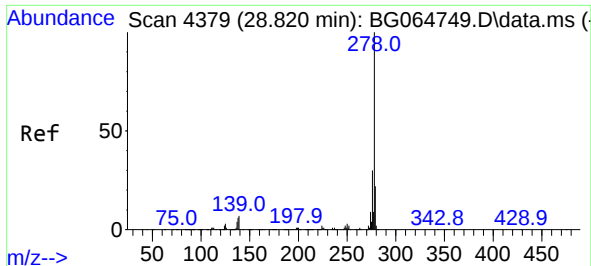
Tgt Ion:252 Resp: 269900
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 5.6 4.1 6.1



#90
Benzo(a)pyrene
Concen: 9.476 ng
RT: 24.850 min Scan# 3704
Delta R.T. -0.015 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:252 Resp: 251184
Ion Ratio Lower Upper
252 100
253 21.5 16.9 25.3
125 7.1 4.2 6.4#

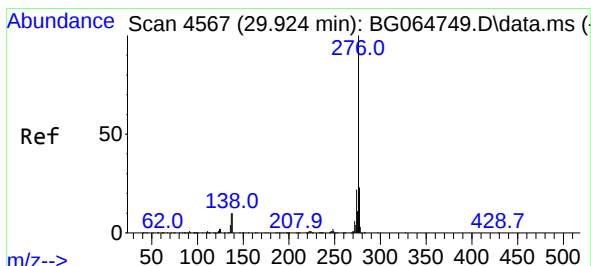
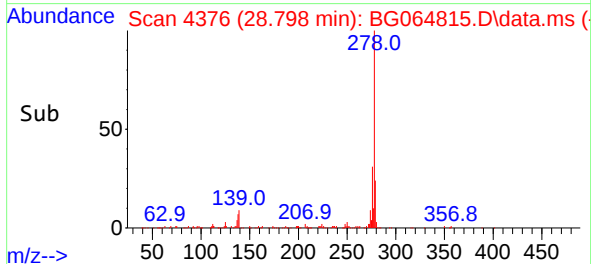
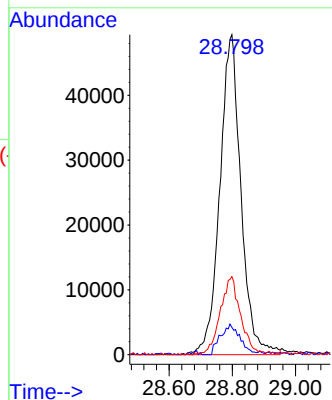
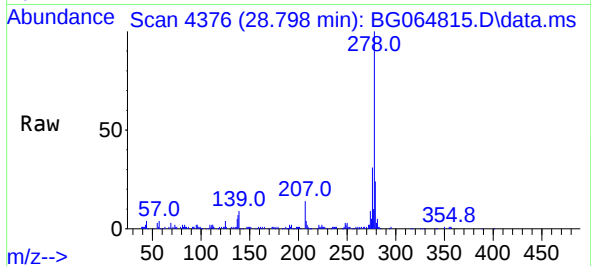




#91
Dibenzo(a,h)anthracene
Concen: 9.073 ng
RT: 28.798 min Scan# 41
Delta R.T. -0.021 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

Tgt Ion:278 Resp: 229283
Ion Ratio Lower Upper
278 100
139 8.5 5.8 8.8
279 24.4 17.3 25.9



#92
Benzo(g,h,i)perylene
Concen: 9.111 ng
RT: 29.897 min Scan# 4563
Delta R.T. -0.027 min
Lab File: BG064815.D
Acq: 19 Nov 2025 14:35

Tgt Ion:276 Resp: 221599
Ion Ratio Lower Upper
276 100
277 21.9 18.0 27.0
138 12.3 8.2 12.2#

