

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064814.D
 Acq On : 19 Nov 2025 13:51
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL-5PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 19 14:31:18 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	8.161	152	44908	20.000	ng	0.00
21) Naphthalene-d8	10.981	136	183576	20.000	ng	0.00
39) Acenaphthene-d10	14.771	164	154418	20.000	ng	0.00
64) Phenanthrene-d10	17.503	188	382376	20.000	ng	0.00
76) Chrysene-d12	21.751	240	455187	20.000	ng	0.00
86) Perylene-d12	25.012	264	443456	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	283320	110.167	ng	0.00
7) Phenol-d6	7.303	99	394538	115.345	ng	0.00
23) Nitrobenzene-d5	9.324	82	289814	78.056	ng	0.00
42) 2,4,6-Tribromophenol	16.252	330	334377	111.029	ng	0.00
45) 2-Fluorobiphenyl	13.402	172	844356	76.297	ng	0.00
79) Terphenyl-d14	20.088	244	1990533	86.021	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.525	88	4269	4.288	ng	90
3) Pyridine	3.948	79	11197	3.775	ng	89
4) n-Nitrosodimethylamine	3.849	42	5505	3.646	ng	93
6) Aniline	7.474	93	19968	4.380	ng	91
8) 2-Chlorophenol	7.720	128	12698	4.497	ng	98
9) Benzaldehyde	7.286	77	11331	5.061	ng	93
10) Phenol	7.327	94	15111	4.060	ng	86
11) bis(2-Chloroethyl)ether	7.568	93	11378	4.296	ng	97
12) 1,3-Dichlorobenzene	8.196	146	14252	4.386	ng	92
13) 1,4-Dichlorobenzene	8.196	146	14252	4.307	ng	93
14) 1,2-Dichlorobenzene	8.520	146	13431	4.187	ng	91
15) Benzyl Alcohol	8.390	79	11343	4.040	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	8.684	45	24499	3.908	ng	97
17) 2-Methylphenol	8.590	107	10519	3.995	ng	95
18) Hexachloroethane	9.266	117	4954	3.953	ng	96
19) n-Nitroso-di-n-propyla...	8.960	70	9987	4.318	ng	# 80
20) 3+4-Methylphenols	8.919	107	13149	3.645	ng	86
22) Acetophenone	8.978	105	20732	4.145	ng	# 98
24) Nitrobenzene	9.360	77	14701	3.919	ng	99
25) Isophorone	9.889	82	28036	3.965	ng	96
26) 2-Nitrophenol	10.077	139	6131	3.633	ng	# 88
27) 2,4-Dimethylphenol	10.135	122	11172	3.727	ng	90
28) bis(2-Chloroethoxy)met...	10.364	93	16181	4.169	ng	# 93
29) 2,4-Dichlorophenol	10.623	162	12061	3.747	ng	94
30) 1,2,4-Trichlorobenzene	10.840	180	15891	4.089	ng	93
31) Naphthalene	11.028	128	42718	4.105	ng	# 93
32) Benzoic acid	10.241	122	448	6.068	ng	# 62
33) 4-Chloroaniline	11.128	127	15949	3.831	ng	# 94
34) Hexachlorobutadiene	11.316	225	13187	3.955	ng	91
35) Caprolactam	11.874	113	3385	3.516	ng	# 67
36) 4-Chloro-3-methylphenol	12.233	107	13529	3.777	ng	95
37) 2-Methylnaphthalene	12.621	142	29109	3.738	ng	96
38) 1-Methylnaphthalene	12.838	142	31382	4.057	ng	# 90
40) 1,2,4,5-Tetrachloroben...	12.985	216	24887	4.141	ng	96
41) Hexachlorocyclopentadiene	12.967	237	10650	2.472	ng	96
43) 2,4,6-Trichlorophenol	13.290	196	12308	3.490	ng	93

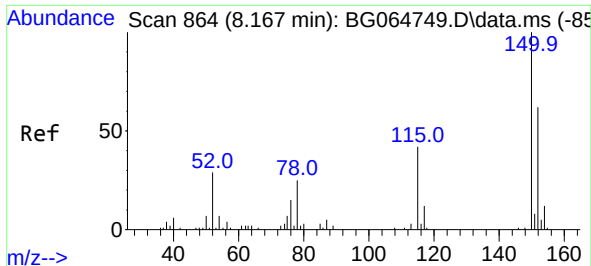
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
 Data File : BG064814.D
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Instrument :
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Quant Time: Nov 19 14:31:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : 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	13.290	196	12308	3.111	ng	97
46) 1,1'-Biphenyl	13.614	154	45325	4.087	ng	91
47) 2-Chloronaphthalene	13.661	162	35277	4.037	ng	98
48) 2-Nitroaniline	13.849	65	10545	3.752	ng	95
49) Acenaphthylene	14.495	152	57608	3.859	ng	97
50) Dimethylphthalate	14.219	163	49895	4.090	ng	98
51) 2,6-Dinitrotoluene	14.330	165	9155	3.900	ng	91
52) Acenaphthene	14.836	154	35446	3.960	ng	91
53) 3-Nitroaniline	14.665	138	8547	3.689	ng #	79
54) 2,4-Dinitrophenol	14.877	184	1049	9.166	ng #	79
55) Dibenzofuran	15.165	168	60236	4.071	ng	91
56) 4-Nitrophenol	14.971	139	4448	2.420	ng	97
57) 2,4-Dinitrotoluene	15.112	165	13044	3.707	ng	98
58) Fluorene	15.811	166	48056	4.141	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.388	232	14882	3.813	ng #	97
60) Diethylphthalate	15.564	149	47564	4.070	ng	98
61) 4-Chlorophenyl-phenyle...	15.799	204	28956	4.157	ng	92
62) 4-Nitroaniline	15.811	138	8383	3.493	ng #	81
63) Azobenzene	16.087	77	40338	4.150	ng	96
65) 4,6-Dinitro-2-methylph...	15.876	198	5995	2.824	ng	89
66) n-Nitrosodiphenylamine	16.005	169	42856	4.279	ng	95
67) 4-Bromophenyl-phenylether	16.686	248	21397	4.261	ng	97
68) Hexachlorobenzene	16.816	284	24023	3.949	ng	95
69) Atrazine	16.945	200	18244	3.778	ng	97
70) Pentachlorophenol	17.239	266	548	6.283	ng	91
71) Phenanthrene	17.544	178	89099	4.259	ng	100
72) Anthracene	17.632	178	89101	4.177	ng	98
73) Carbazole	17.897	167	74815	4.080	ng	99
74) Di-n-butylphthalate	18.449	149	87199	4.262	ng	97
75) Fluoranthene	19.536	202	115169	4.026	ng	100
77) Benzidine	19.706	184	58138	4.265	ng	97
78) Pyrene	19.894	202	119251	4.674	ng	95
80) Butylbenzylphthalate	20.764	149	41077	4.578	ng	95
81) Benzo(a)anthracene	21.728	228	126137	4.075	ng	99
82) 3,3'-Dichlorobenzidine	21.639	252	48093	4.222	ng	99
83) Chrysene	21.798	228	120750	4.138	ng	94
84) Bis(2-ethylhexyl)phtha...	21.628	149	58415	4.455	ng	97
85) Di-n-octyl phthalate	22.850	149	96338	4.250	ng #	100
87) Indeno(1,2,3-cd)pyrene	28.725	276	120987	3.971	ng #	98
88) Benzo(b)fluoranthene	23.972	252	110610	3.919	ng #	95
89) Benzo(k)fluoranthene	24.037	252	112854	3.980	ng #	96
90) Benzo(a)pyrene	24.853	252	109047	4.166	ng #	96
91) Dibenzo(a,h)anthracene	28.796	278	99607	3.991	ng	98
92) Benzo(g,h,i)perylene	29.883	276	95174	3.962	ng #	96

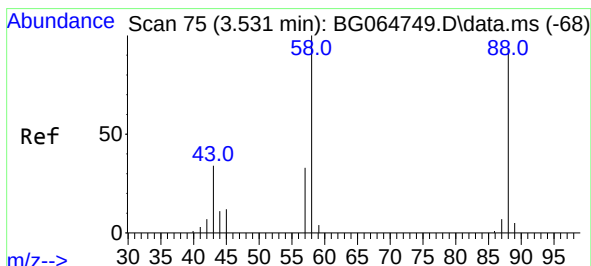
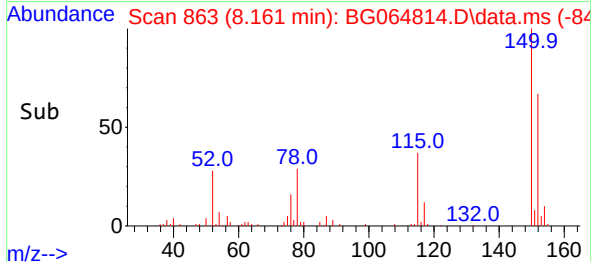
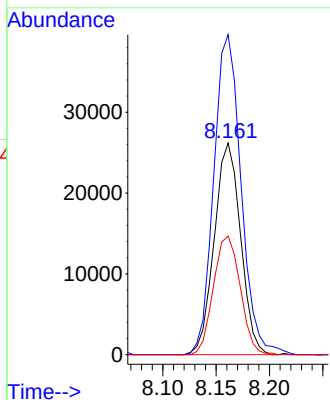
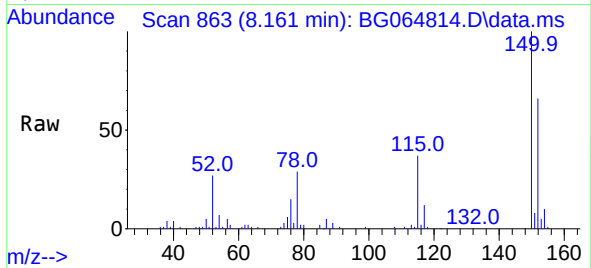
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

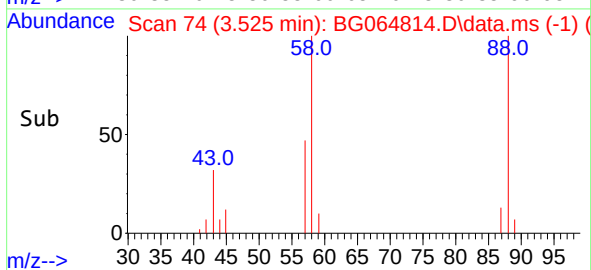
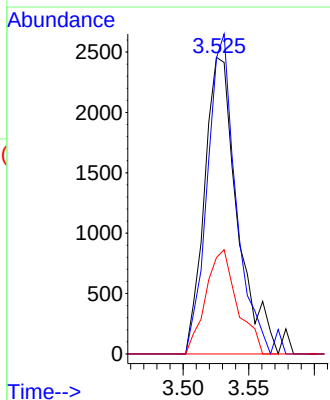
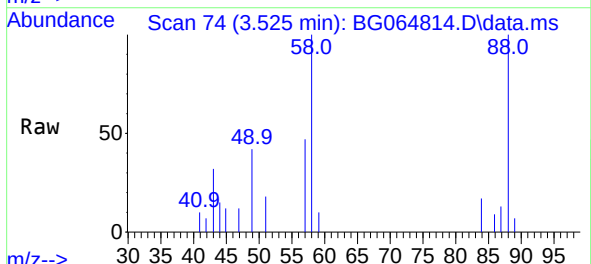
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

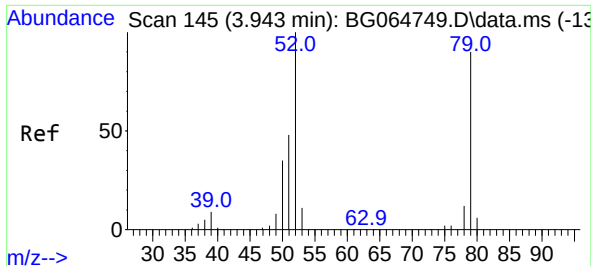
Tgt Ion:152 Resp: 44908
Ion Ratio Lower Upper
152 100
150 151.2 129.2 193.8
115 56.1 53.7 80.5



#2
1,4-Dioxane
Concen: 4.288 ng
RT: 3.525 min Scan# 74
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 88 Resp: 4269
Ion Ratio Lower Upper
88 100
58 93.5 84.6 126.8
43 33.7 30.0 45.0





#3

Pyridine

Concen: 3.775 ng

RT: 3.948 min Scan# 14

Delta R.T. 0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

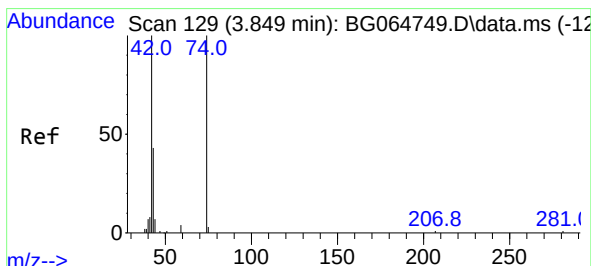
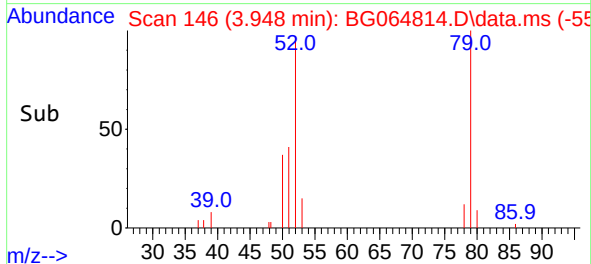
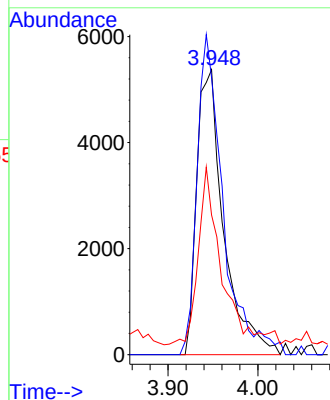
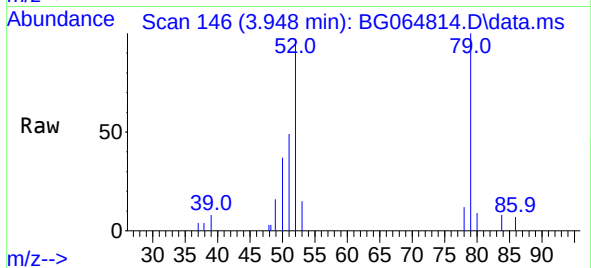
Tgt Ion: 79 Resp: 11197

Ion Ratio Lower Upper

79 100

52 97.3 89.0 133.4

51 49.0 43.4 65.0



#4

n-Nitrosodimethylamine

Concen: 3.646 ng

RT: 3.849 min Scan# 129

Delta R.T. -0.000 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

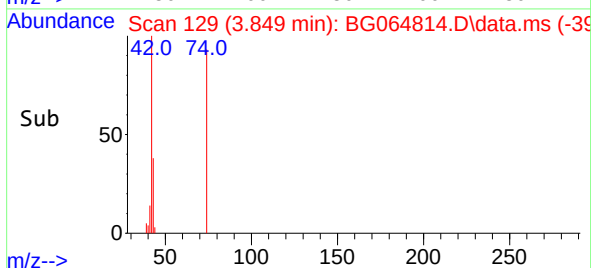
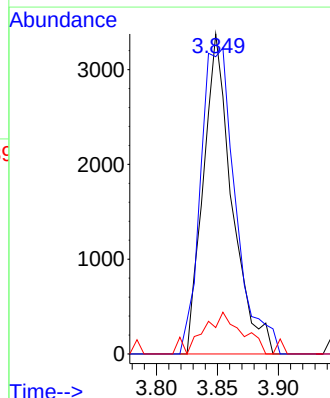
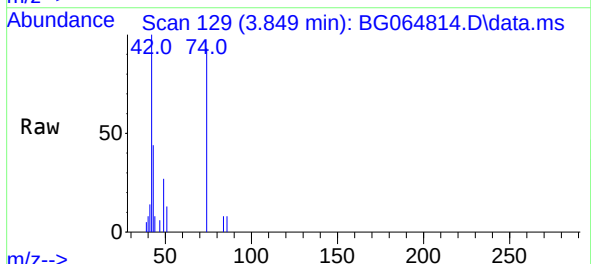
Tgt Ion: 42 Resp: 5505

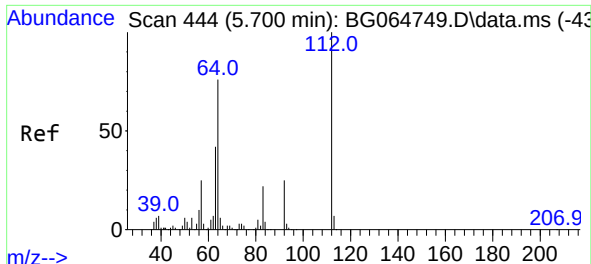
Ion Ratio Lower Upper

42 100

74 92.9 79.8 119.6

44 8.2 5.9 8.9

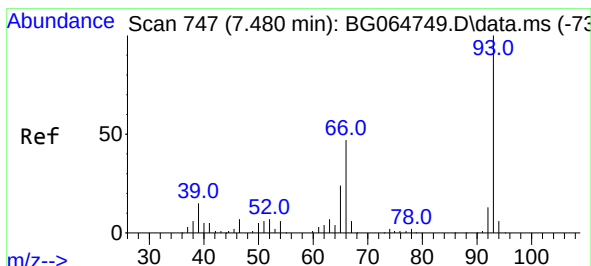
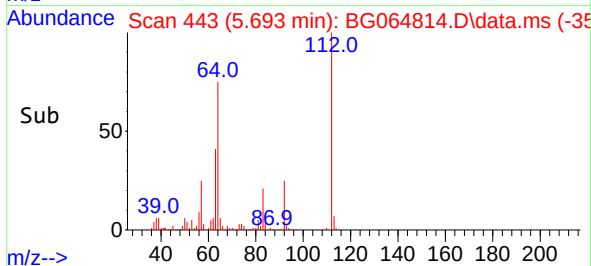
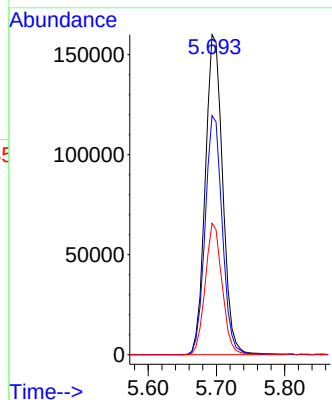
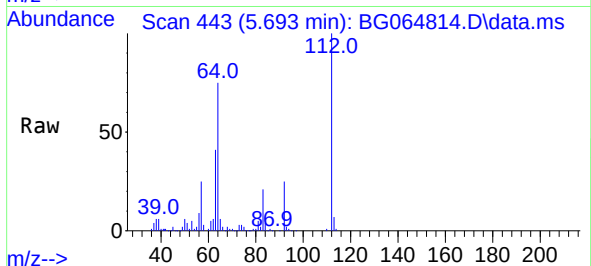




#5
2-Fluorophenol
Concen: 110.167 ng
RT: 5.693 min Scan# 444
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

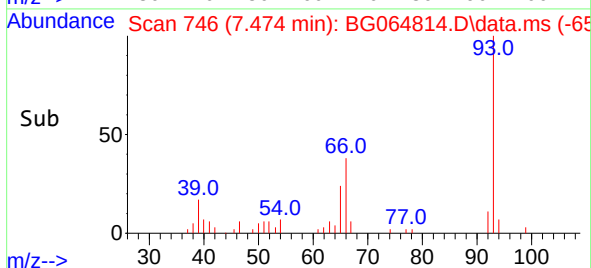
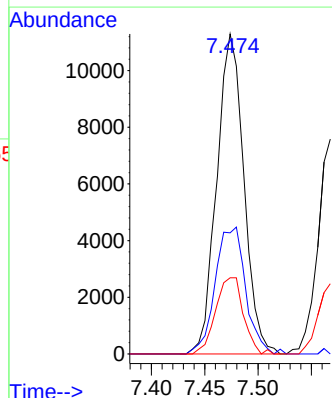
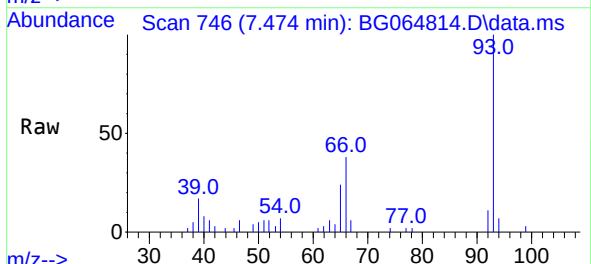
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

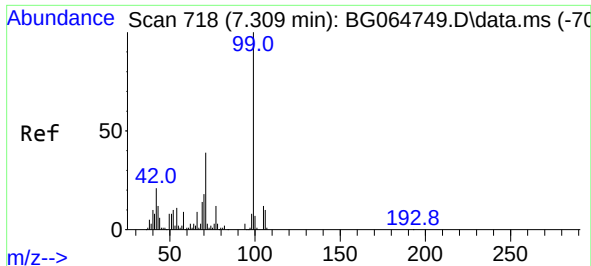
Tgt Ion:	112	Resp:	283320
Ion	Ratio	Lower	Upper
112	100		
64	74.7	61.0	91.4
63	41.1	33.3	49.9



#6
Aniline
Concen: 4.380 ng
RT: 7.474 min Scan# 746
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	93	Resp:	19968
Ion	Ratio	Lower	Upper
93	100		
66	37.9	37.7	56.5
65	23.8	19.1	28.7



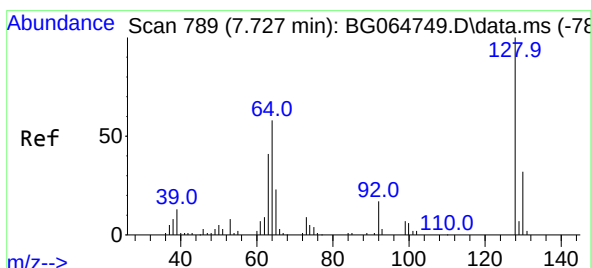
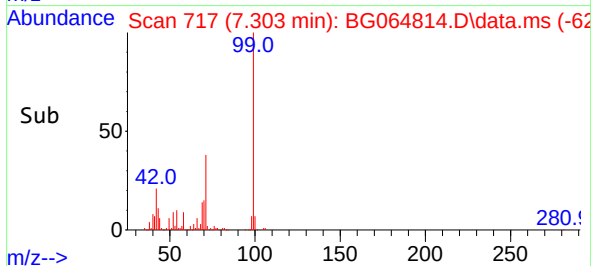
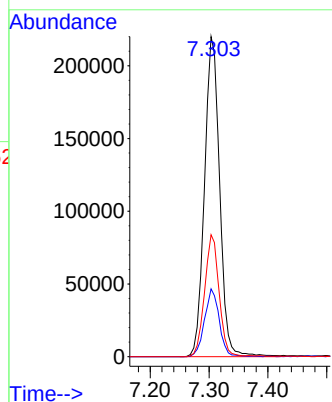
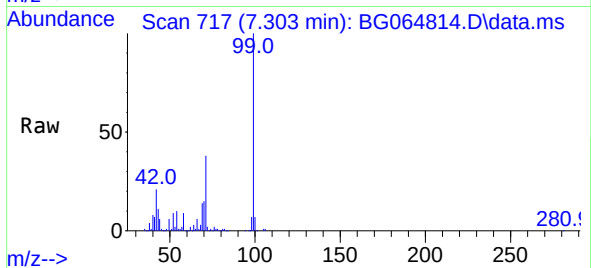


#7
Phenol-d6
Concen: 115.345 ng
RT: 7.303 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

Tgt Ion: 99 Resp: 394538

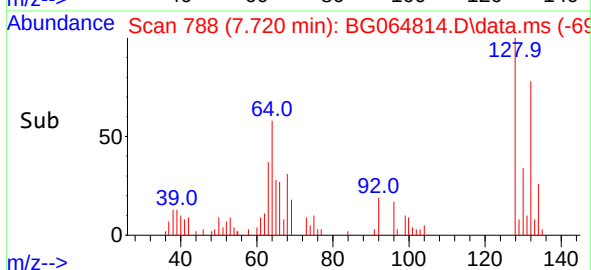
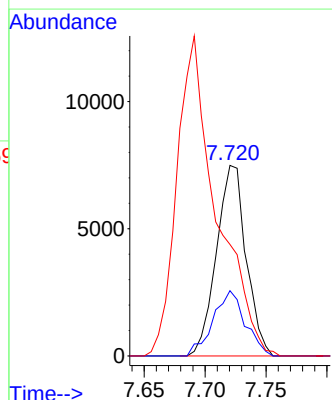
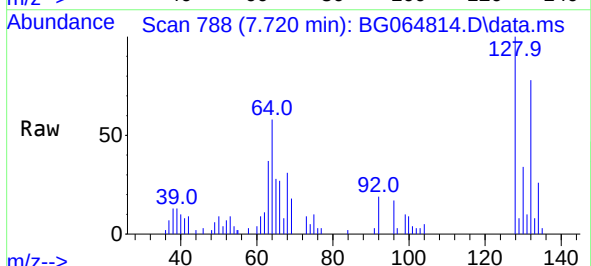
Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.8	25.2
71	38.1	31.1	46.7

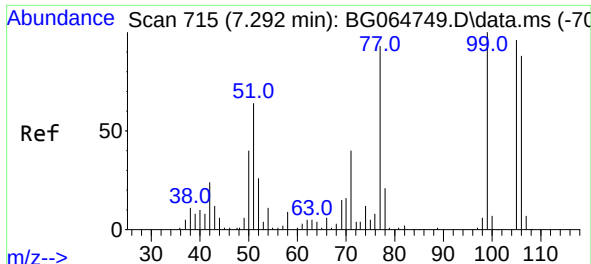


#8
2-Chlorophenol
Concen: 4.497 ng
RT: 7.720 min Scan# 788
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 128 Resp: 12698

Ion	Ratio	Lower	Upper
128	100		
130	34.2	11.9	51.9
64	58.5	38.4	78.4

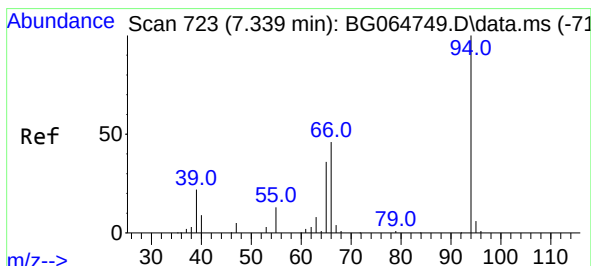
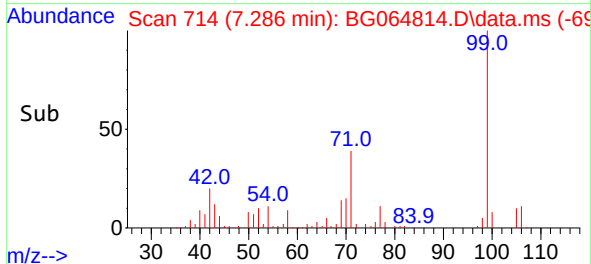
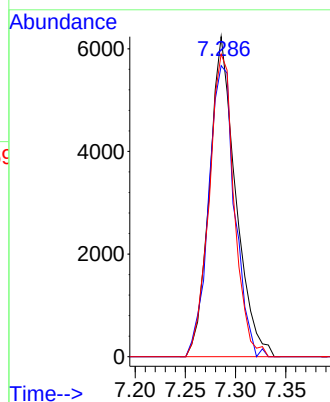
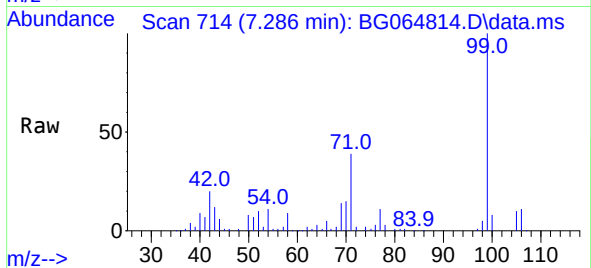




#9
Benzaldehyde
Concen: 5.061 ng
RT: 7.286 min Scan# 715
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

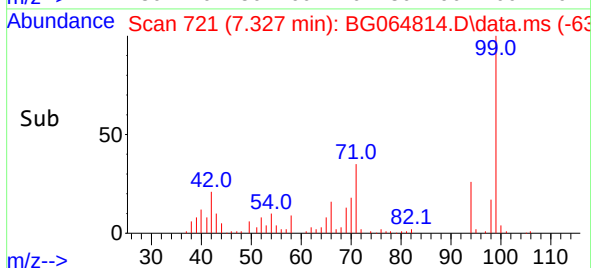
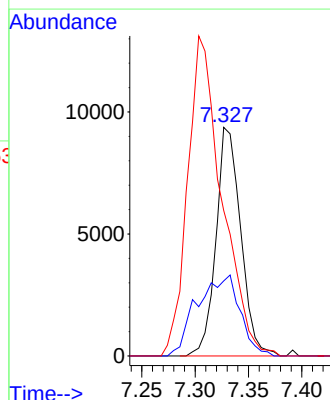
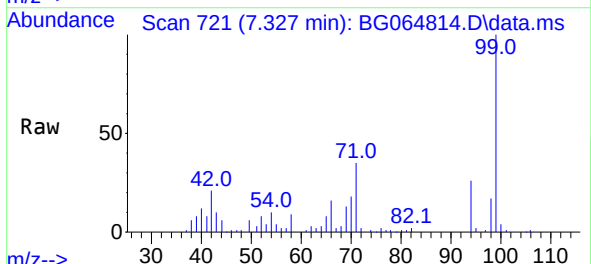
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

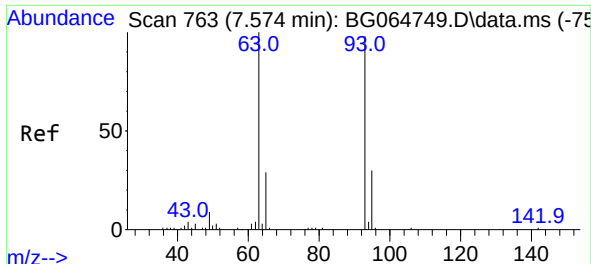
Tgt Ion: 77	Resp: 11331
Ion Ratio	Lower Upper
77 100	
105 91.0	83.8 123.8
106 94.6	74.3 114.3



#10
Phenol
Concen: 4.060 ng
RT: 7.327 min Scan# 721
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 94	Resp: 15111
Ion Ratio	Lower Upper
94 100	
65 32.8	17.0 57.0
66 63.6	29.8 69.8

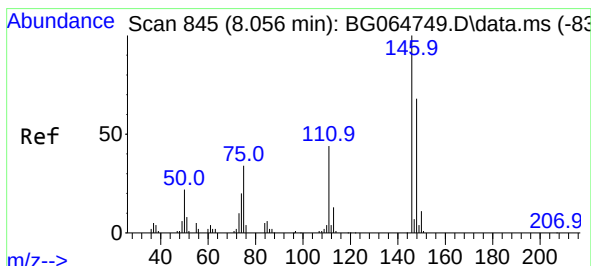
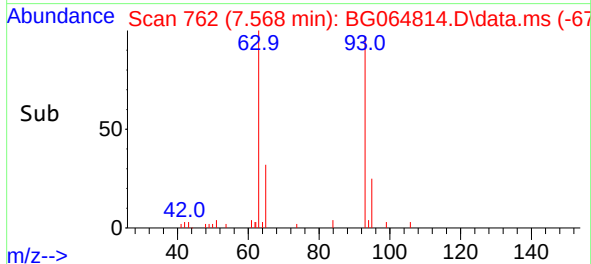
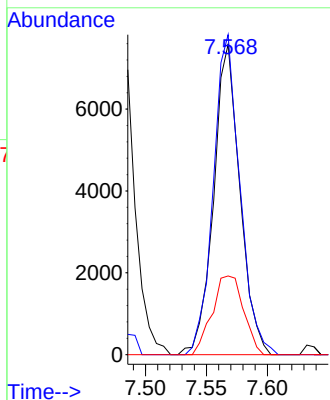
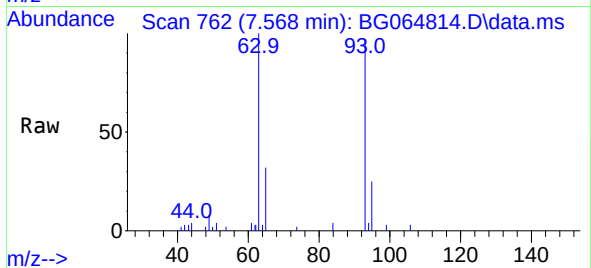




#11
bis(2-Chloroethyl)ether
Concen: 4.296 ng
RT: 7.568 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

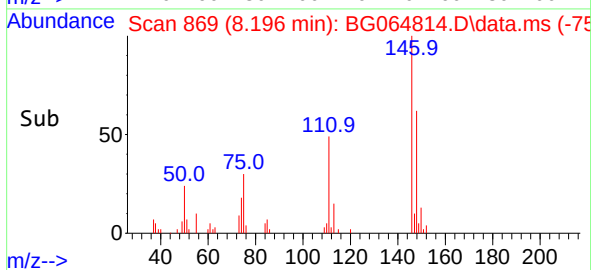
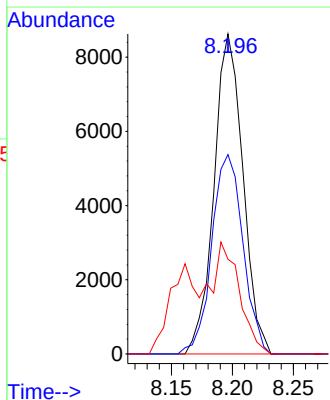
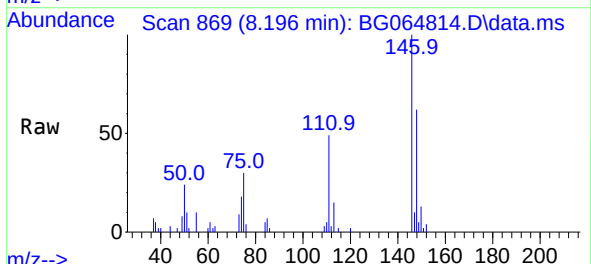
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

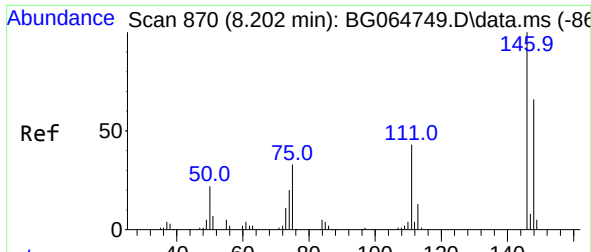
Tgt Ion: 93 Resp: 11378
Ion Ratio Lower Upper
93 100
63 103.1 81.8 121.8
95 25.3 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 4.386 ng
RT: 8.196 min Scan# 869
Delta R.T. 0.141 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 146 Resp: 14252
Ion Ratio Lower Upper
146 100
148 62.3 54.6 82.0
75 29.6 27.6 41.4

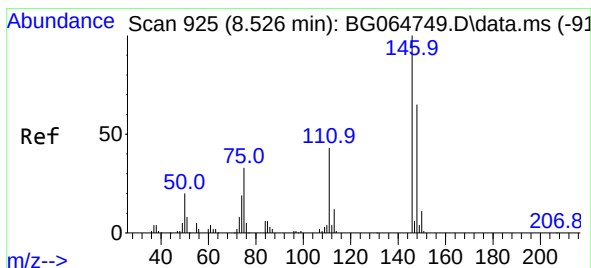
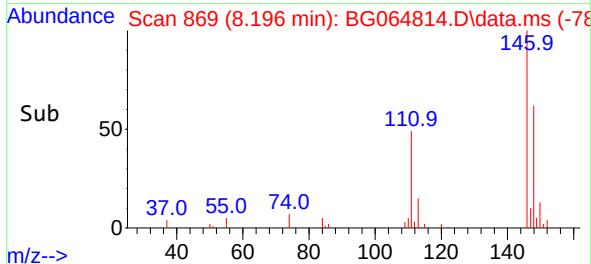
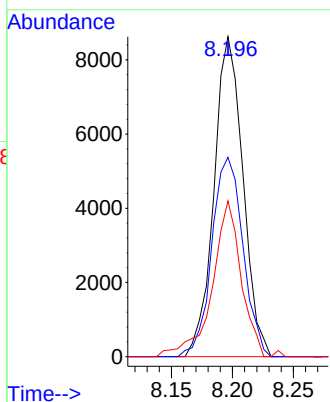
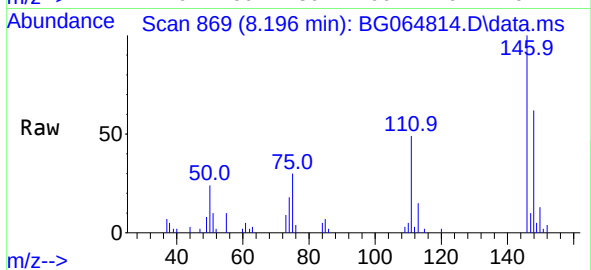




#13
1,4-Dichlorobenzene
Concen: 4.307 ng
RT: 8.196 min Scan# 80
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

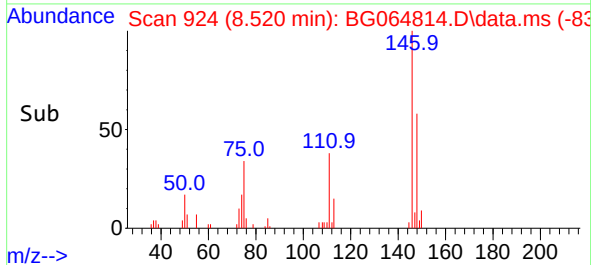
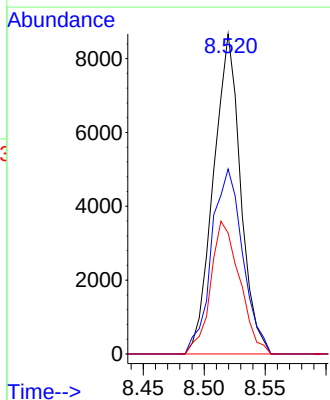
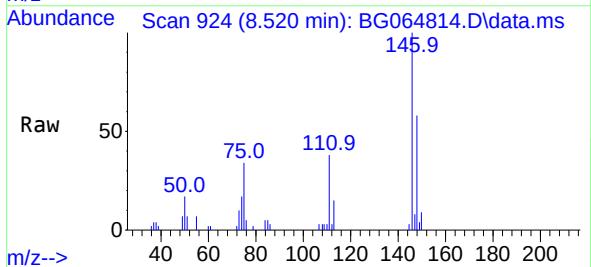
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

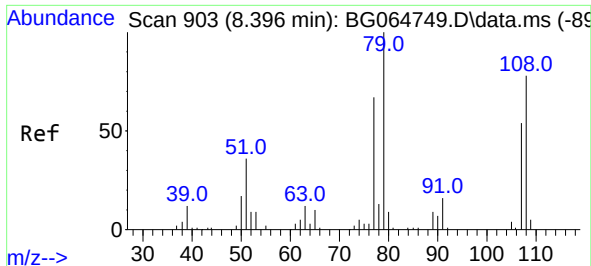
Tgt Ion:	146	Resp:	14252
Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.1	79.7
111	48.6	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 4.187 ng
RT: 8.520 min Scan# 924
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	146	Resp:	13431
Ion	Ratio	Lower	Upper
146	100		
148	57.8	52.0	78.0
111	37.8	34.7	52.1

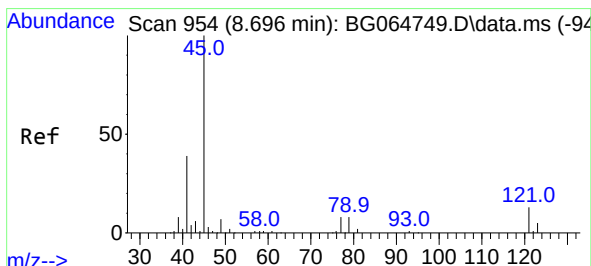
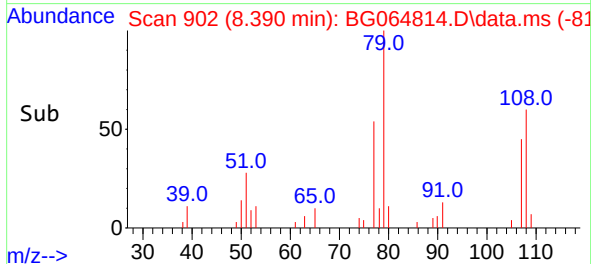
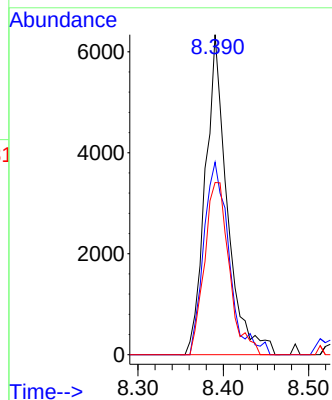
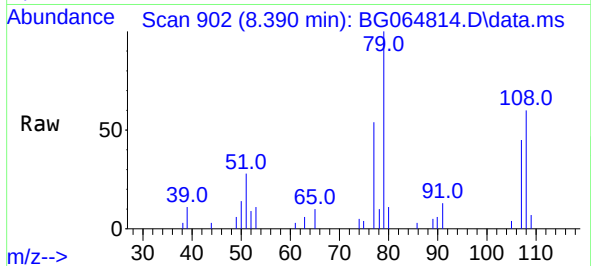




#15
Benzyl Alcohol
Concen: 4.040 ng
RT: 8.390 min Scan# 901
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

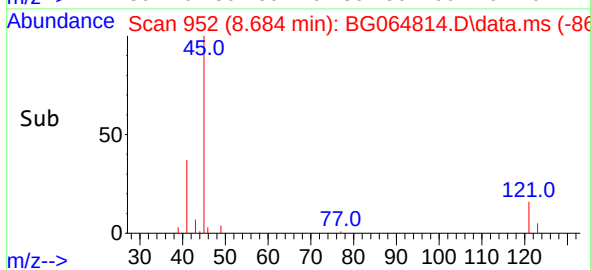
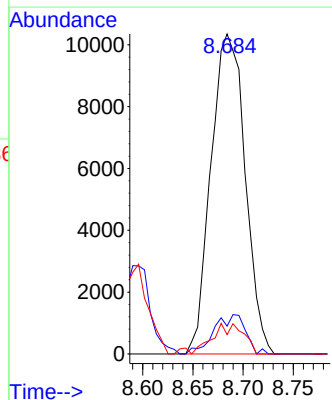
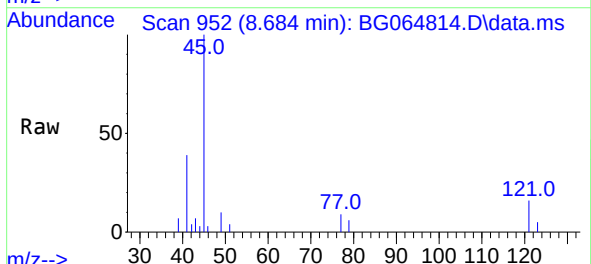
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

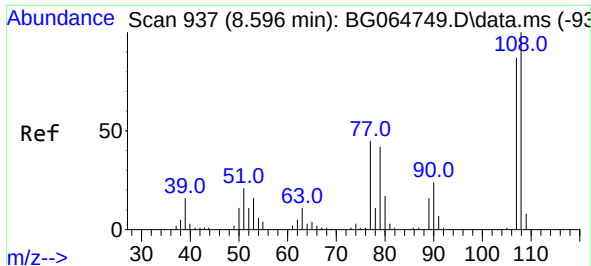
Tgt Ion: 79	Resp: 11343
Ion Ratio	Lower Upper
79 100	
108 60.2	62.3 93.5#
77 53.8	53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.908 ng
RT: 8.684 min Scan# 952
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

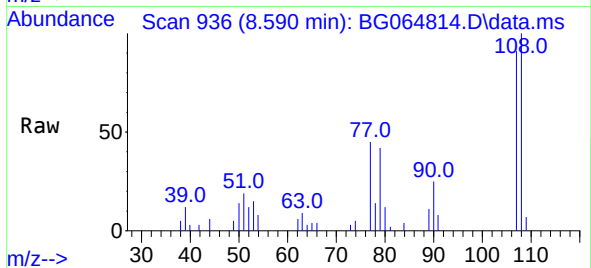
Tgt Ion: 45	Resp: 24499
Ion Ratio	Lower Upper
45 100	
77 8.7	0.0 28.8
79 6.1	0.0 28.1





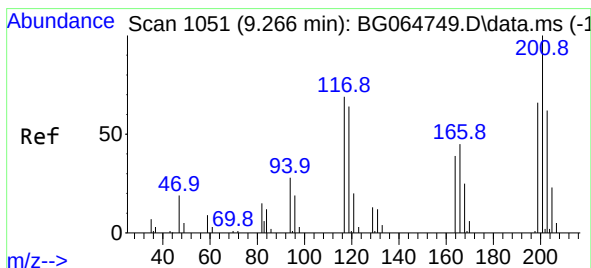
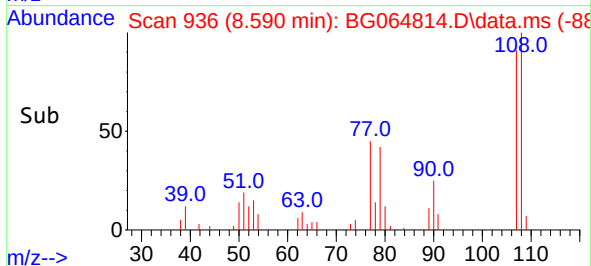
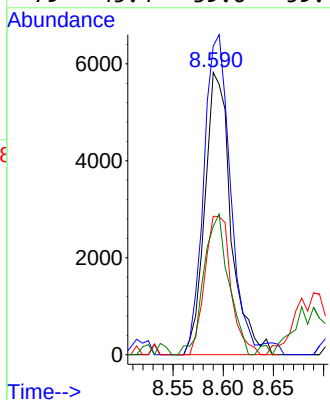
#17
2-Methylphenol
Concen: 3.995 ng
RT: 8.590 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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



Tgt Ion:107 Resp: 10519

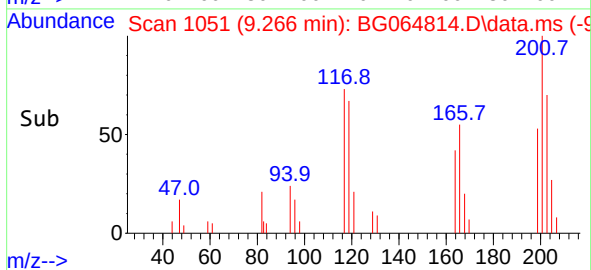
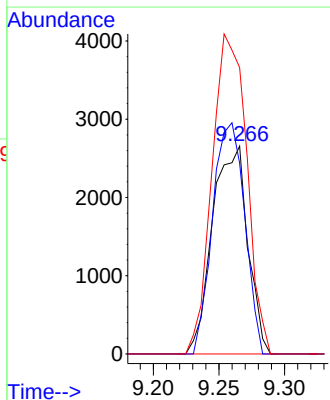
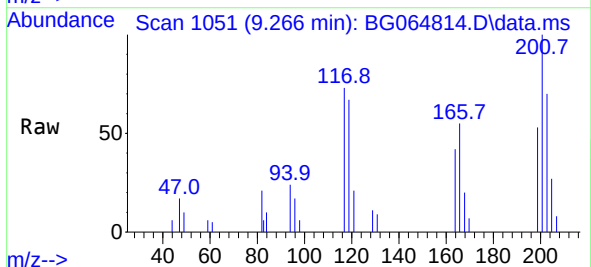
Ion	Ratio	Lower	Upper
107	100		
108	109.4	92.6	138.8
77	49.0	41.2	61.8
79	45.4	39.6	59.4

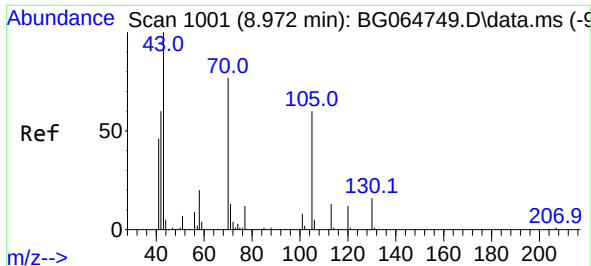


#18
Hexachloroethane
Concen: 3.953 ng
RT: 9.266 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:117 Resp: 4954

Ion	Ratio	Lower	Upper
117	100		
119	91.8	74.4	111.6
201	137.7	116.5	174.7

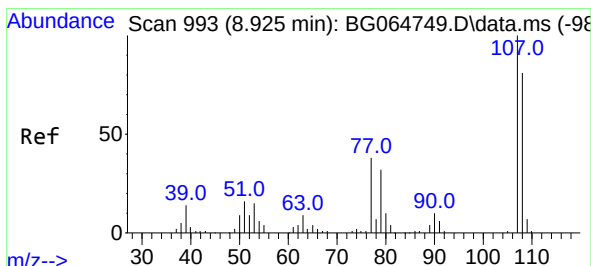
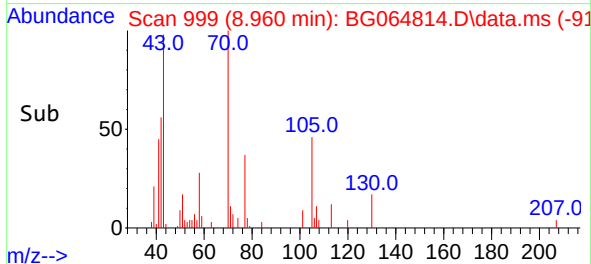
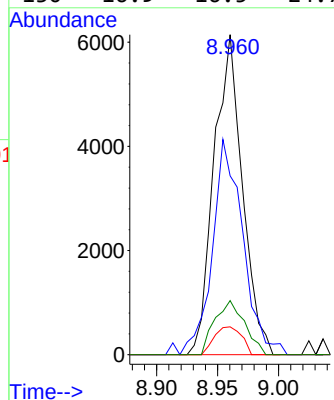
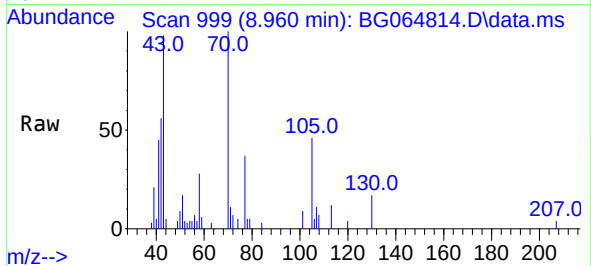




#19
n-Nitroso-di-n-propylamine
Concen: 4.318 ng
RT: 8.960 min Scan# 991
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

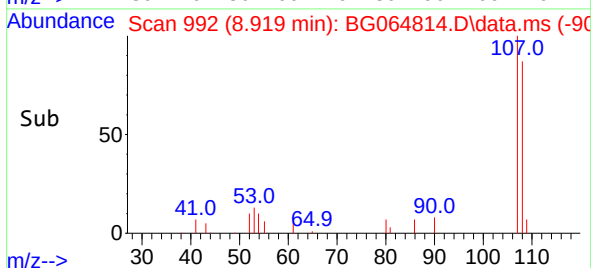
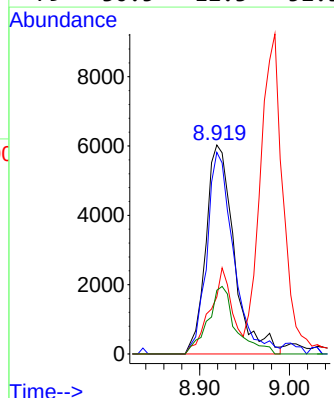
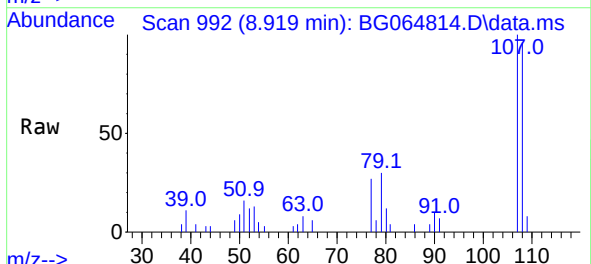
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

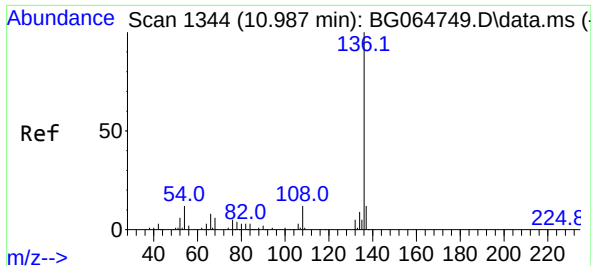
Tgt Ion:	70	Resp:	9987
Ion	Ratio	Lower	Upper
70	100		
42	55.9	62.6	93.8#
101	8.7	8.0	12.0
130	16.9	16.5	24.7



#20
3+4-Methylphenols
Concen: 3.645 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	107	Resp:	13149
Ion	Ratio	Lower	Upper
107	100		
108	96.4	61.0	101.0
77	27.3	17.6	57.6
79	30.5	12.3	52.3

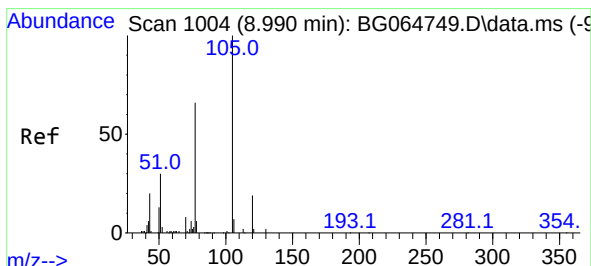
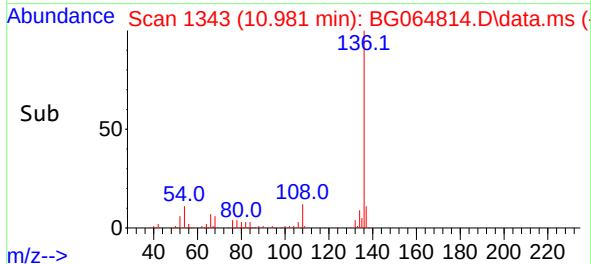
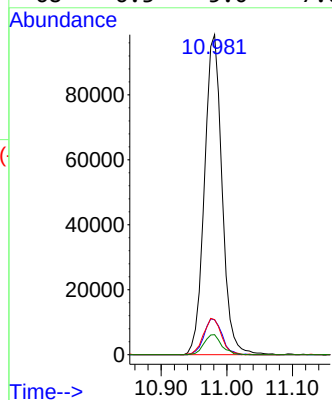
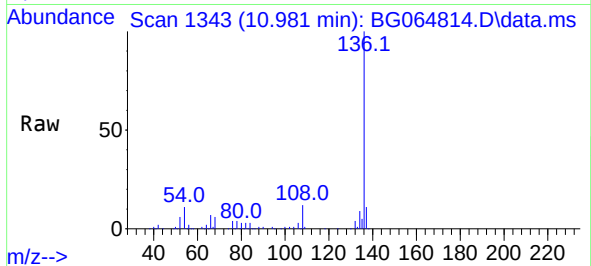




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.981 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

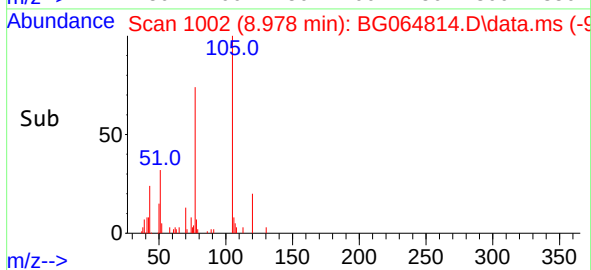
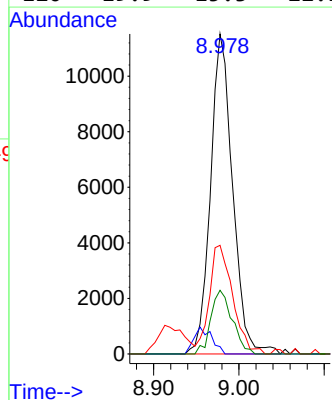
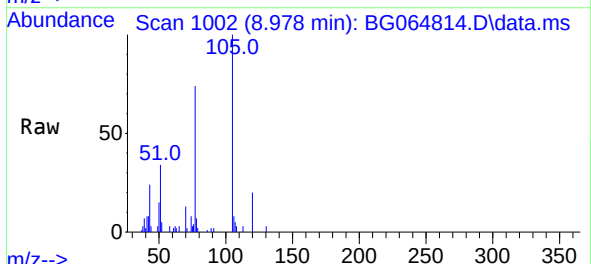
Instrument :
BNA_G
ClientSampleId :
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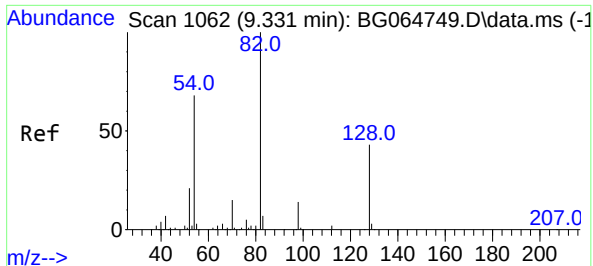
Tgt Ion:	136	Resp:	183576
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	11.0	9.3	13.9
68	6.3	5.0	7.6



#22
Acetophenone
Concen: 4.145 ng
RT: 8.978 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	105	Resp:	20732
Ion	Ratio	Lower	Upper
105	100		
71	2.3	1.3	1.9#
51	33.9	27.9	41.9
120	19.9	15.3	22.9

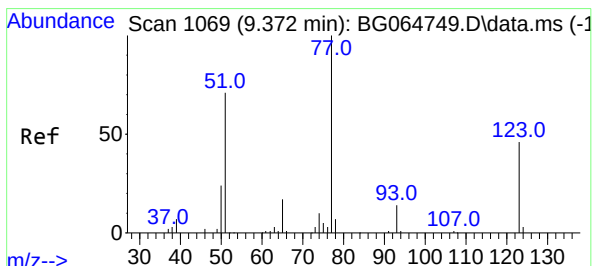
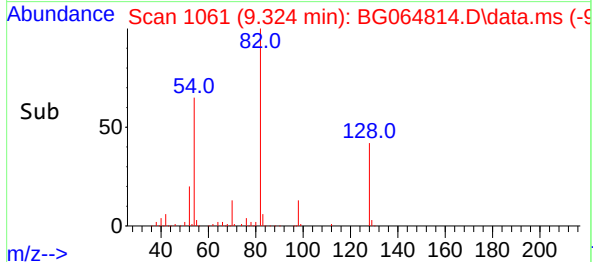
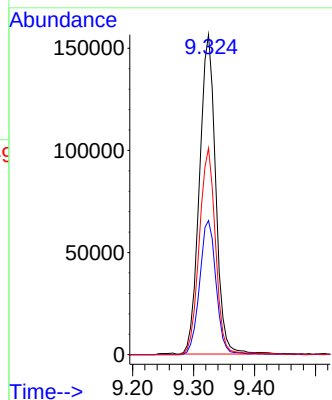
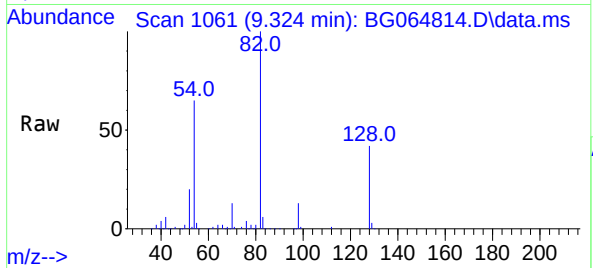




#23
Nitrobenzene-d5
Concen: 78.056 ng
RT: 9.324 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

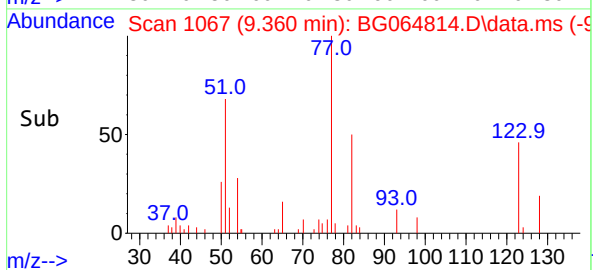
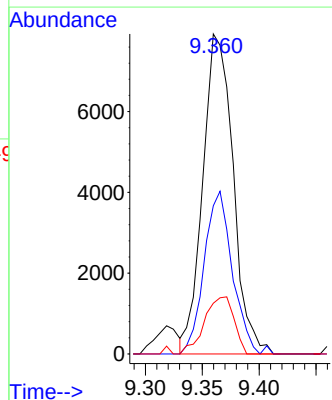
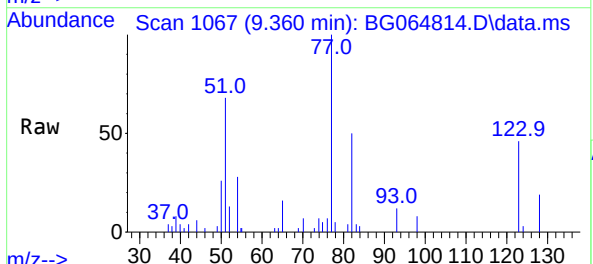
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

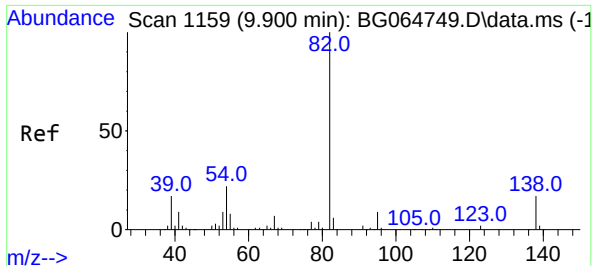
Tgt Ion: 82 Resp: 289814
Ion Ratio Lower Upper
82 100
128 41.9 34.1 51.1
54 64.6 54.3 81.5



#24
Nitrobenzene
Concen: 3.919 ng
RT: 9.360 min Scan# 1067
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 77 Resp: 14701
Ion Ratio Lower Upper
77 100
123 46.3 36.5 54.7
65 15.9 13.5 20.3

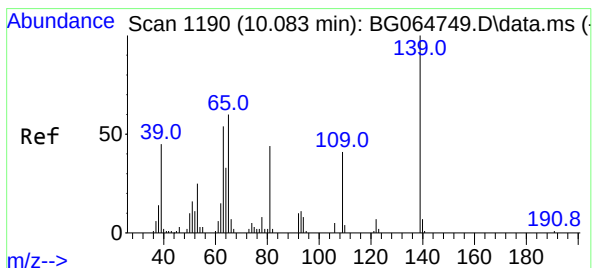
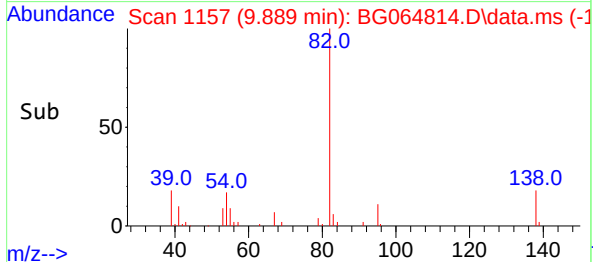
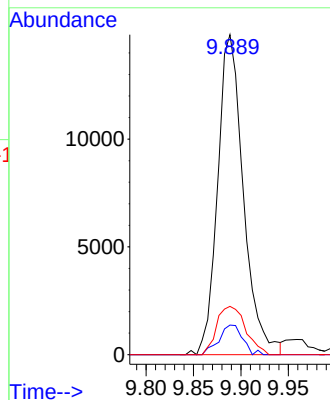
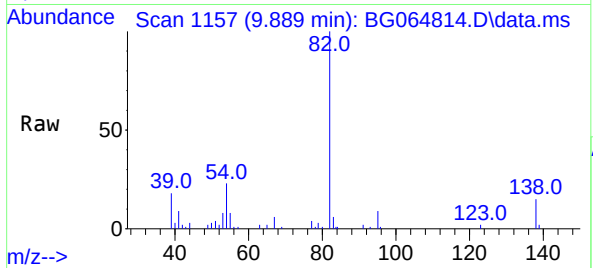




#25
Isophorone
Concen: 3.965 ng
RT: 9.889 min Scan# 1157
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

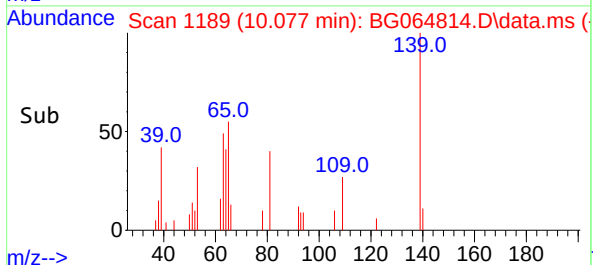
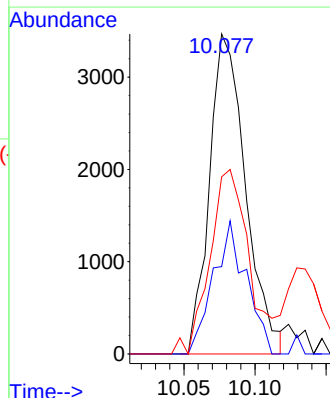
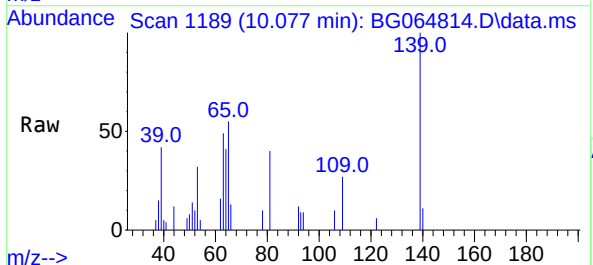
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

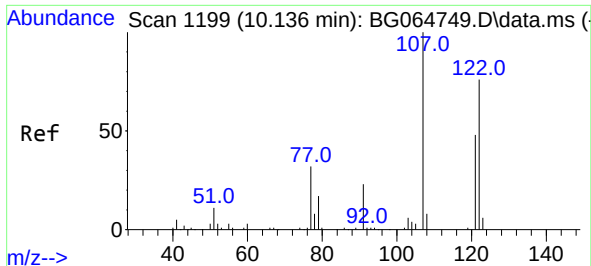
Tgt Ion: 82	Resp: 28036
Ion Ratio	Lower Upper
82 100	
95 9.2	6.9 10.3
138 15.1	13.9 20.9



#26
2-Nitrophenol
Concen: 3.633 ng
RT: 10.077 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 139	Resp: 6131
Ion Ratio	Lower Upper
139 100	
109 27.3	32.5 48.7#
65 55.4	47.6 71.4





#27

2,4-Dimethylphenol

Concen: 3.727 ng

RT: 10.135 min Scan# 1199

Delta R.T. -0.000 min

Lab File: BG064814.D

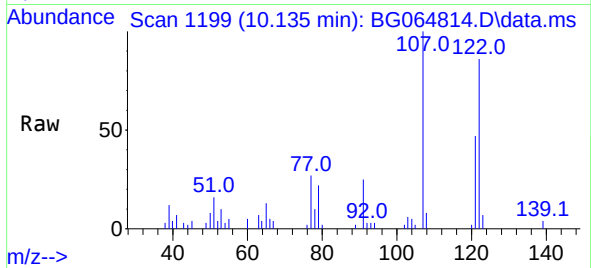
Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

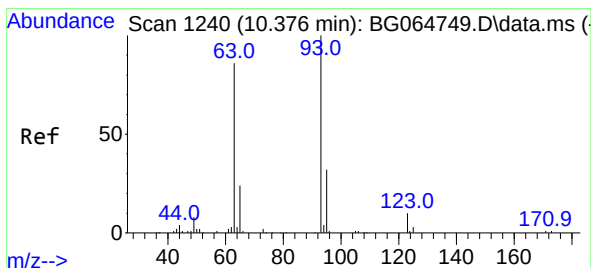
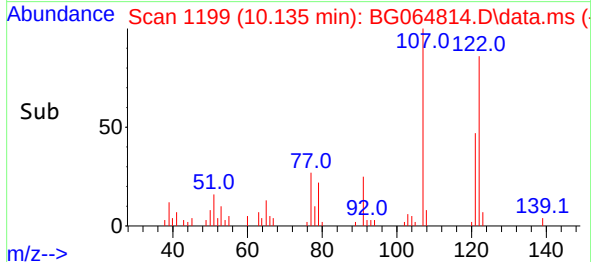
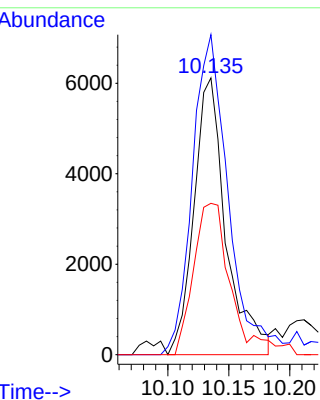
ClientSampleId :

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Tgt Ion:122 Resp: 11172

Ion	Ratio	Lower	Upper
122	100		
107	115.6	102.5	153.7
121	54.7	49.0	73.6



#28

bis(2-Chloroethoxy)methane

Concen: 4.169 ng

RT: 10.364 min Scan# 1238

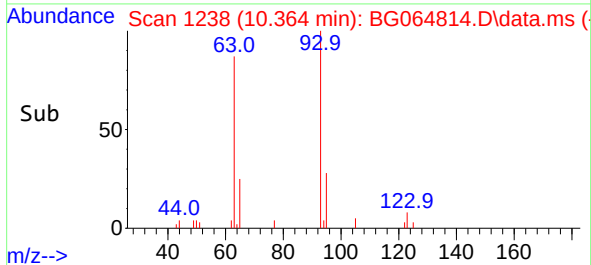
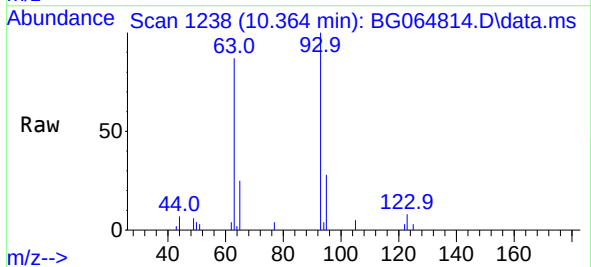
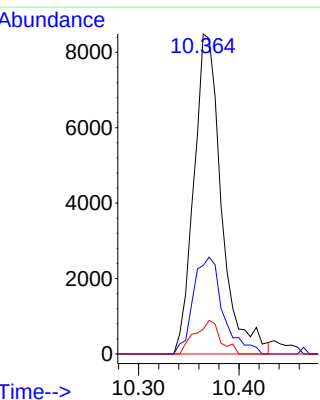
Delta R.T. -0.012 min

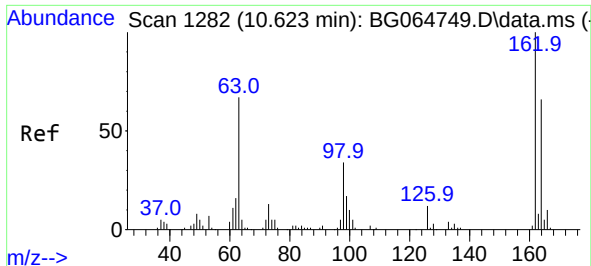
Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion: 93 Resp: 16181

Ion	Ratio	Lower	Upper
93	100		
95	27.7	25.4	38.2
123	7.7	8.1	12.1





#29

2,4-Dichlorophenol

Concen: 3.747 ng

RT: 10.623 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

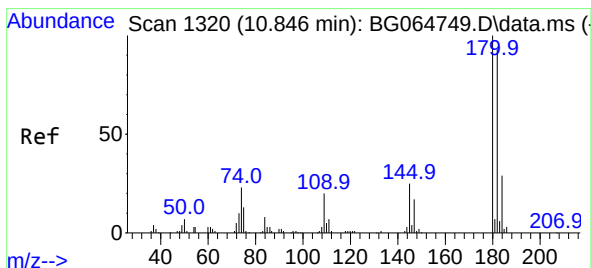
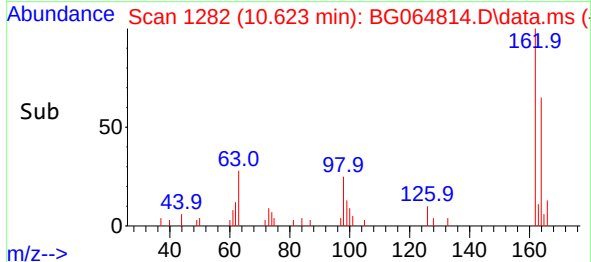
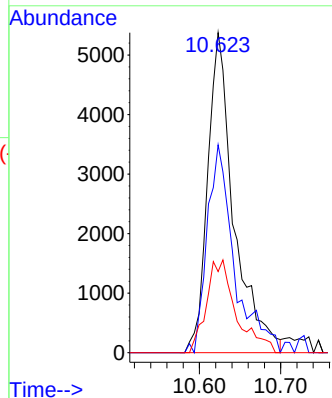
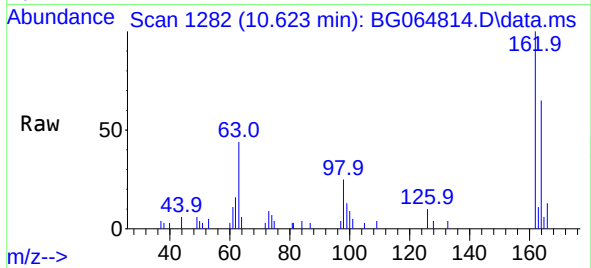
Tgt Ion:162 Resp: 12061

Ion Ratio Lower Upper

162 100

164 65.0 46.0 86.0

98 25.4 14.2 54.2



#30

1,2,4-Trichlorobenzene

Concen: 4.089 ng

RT: 10.840 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

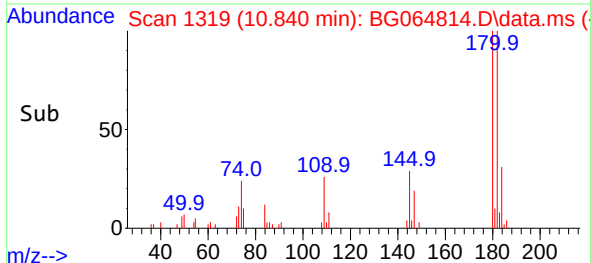
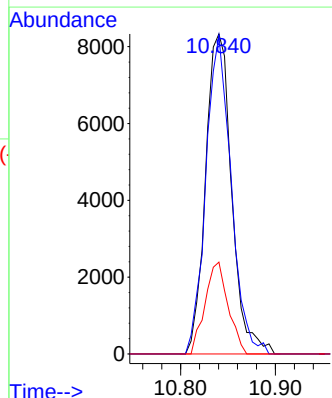
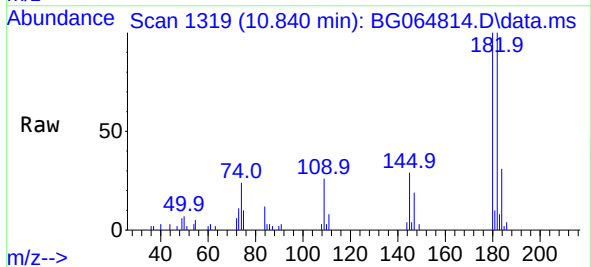
Tgt Ion:180 Resp: 15891

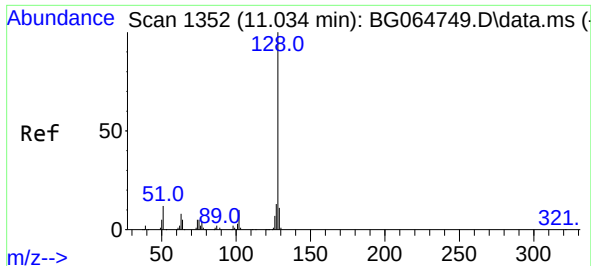
Ion Ratio Lower Upper

180 100

182 99.6 74.2 111.4

145 28.7 20.0 30.0

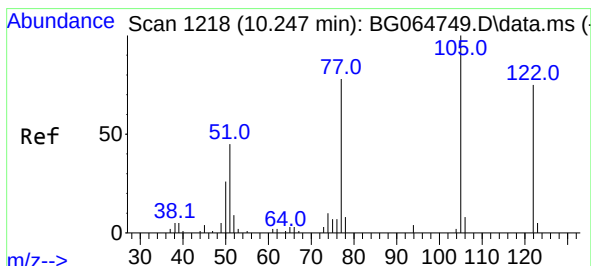
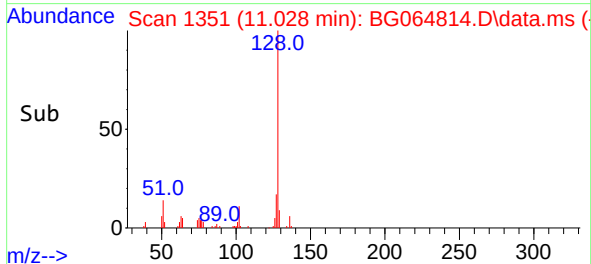
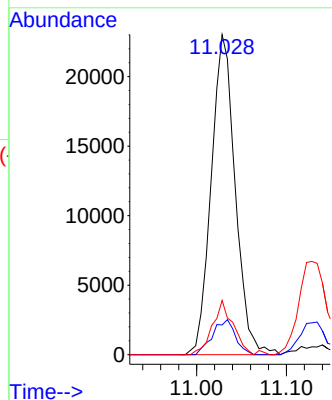
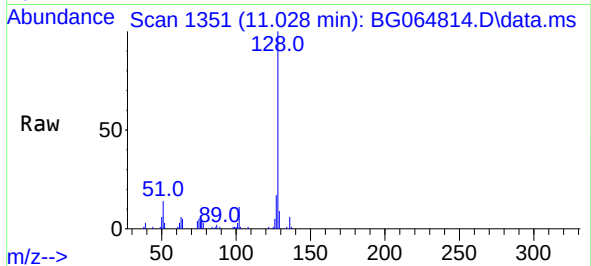




#31
Naphthalene
Concen: 4.105 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

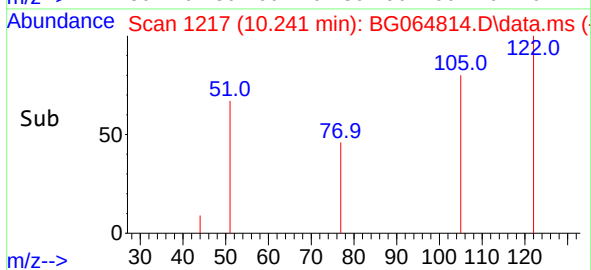
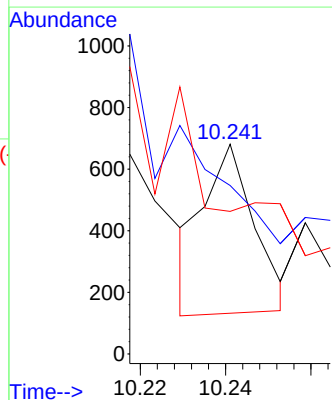
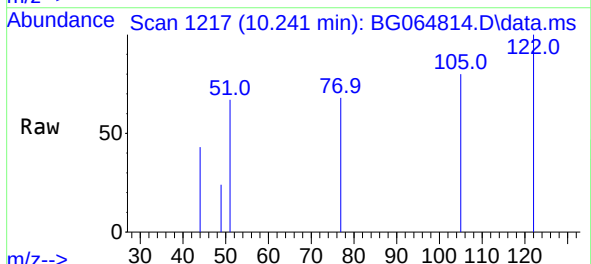
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

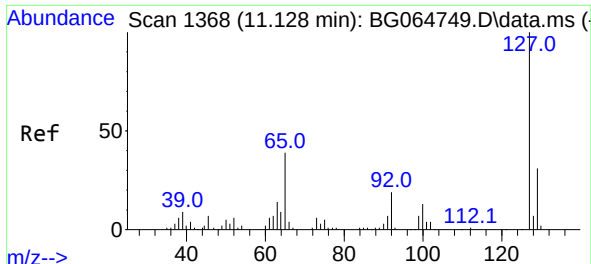
Tgt Ion:128 Resp: 42718
Ion Ratio Lower Upper
128 100
129 9.3 8.6 12.8
127 17.0 10.6 16.0#



#32
Benzoic acid
Concen: 6.068 ng
RT: 10.241 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

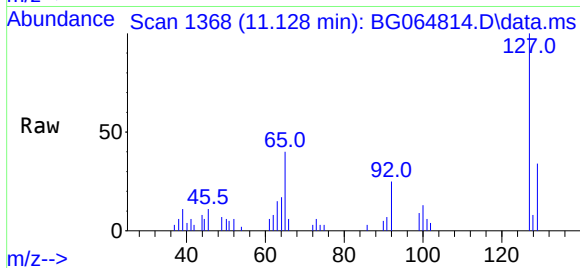
Tgt Ion:122 Resp: 448
Ion Ratio Lower Upper
122 100
105 80.3 107.6 147.6#
77 68.0 82.5 122.5#



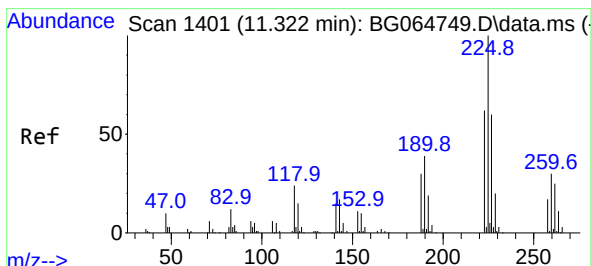
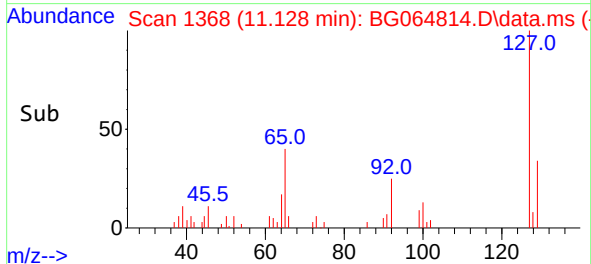
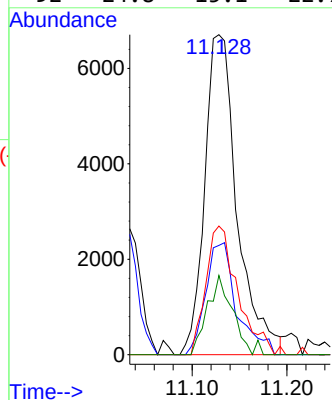


#33
4-Chloroaniline
Concen: 3.831 ng
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

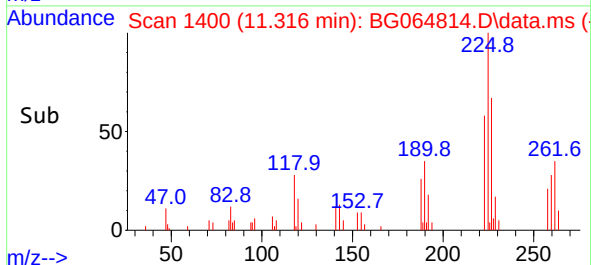
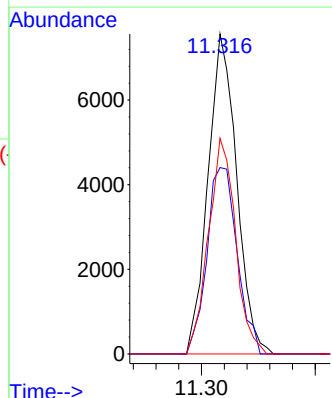
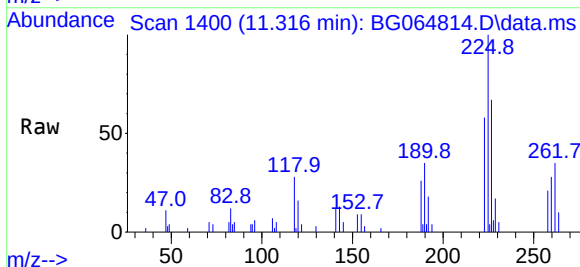


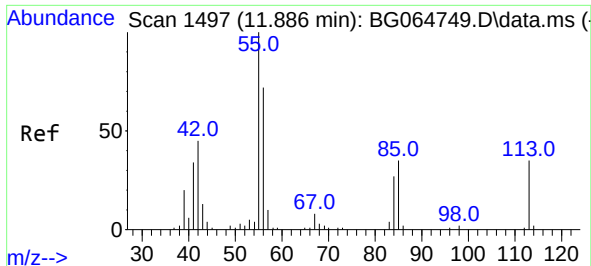
Tgt Ion:	127	Resp:	15949
Ion	Ratio	Lower	Upper
127	100		
129	34.2	24.9	37.3
65	40.2	30.9	46.3
92	24.8	15.1	22.7



#34
Hexachlorobutadiene
Concen: 3.955 ng
RT: 11.316 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	225	Resp:	13187
Ion	Ratio	Lower	Upper
225	100		
223	55.8	49.9	74.9
227	69.8	50.6	75.8

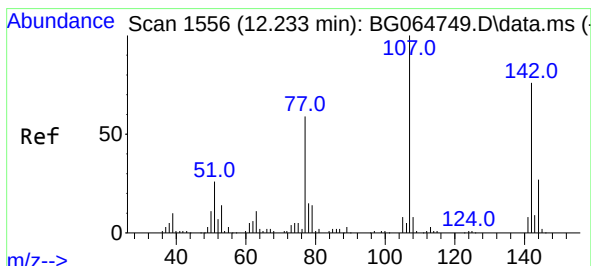
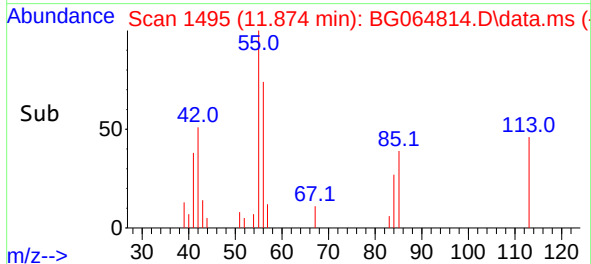
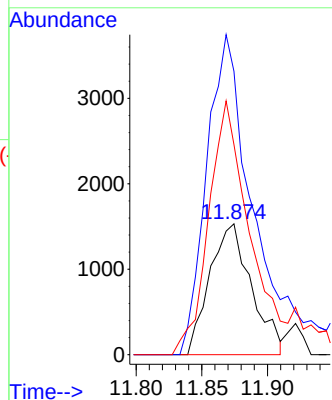
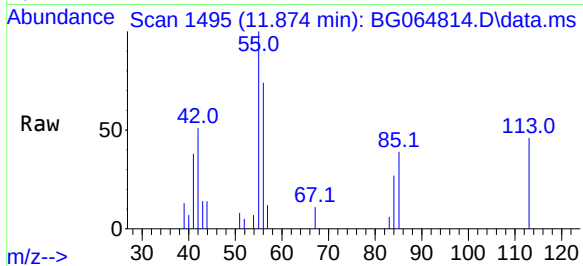




#35
Caprolactam
Concen: 3.516 ng
RT: 11.874 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

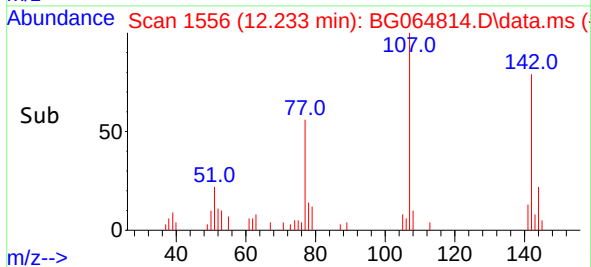
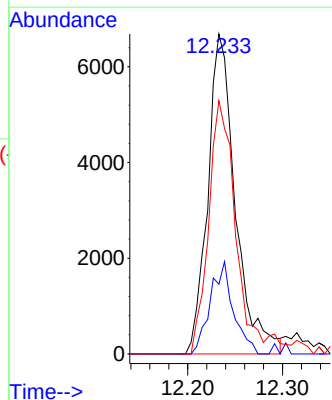
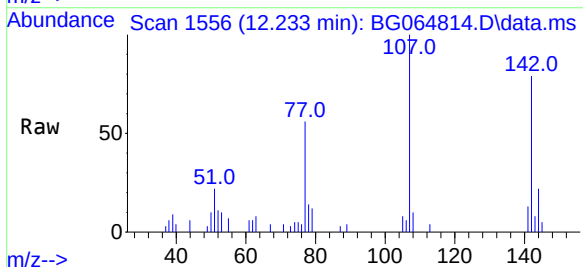
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

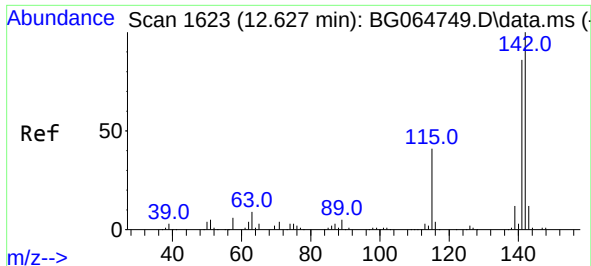
Tgt Ion:113 Resp: 3385
Ion Ratio Lower Upper
113 100
55 216.5 263.7 303.7#
56 160.5 184.0 224.0#



#36
4-Chloro-3-methylphenol
Concen: 3.777 ng
RT: 12.233 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

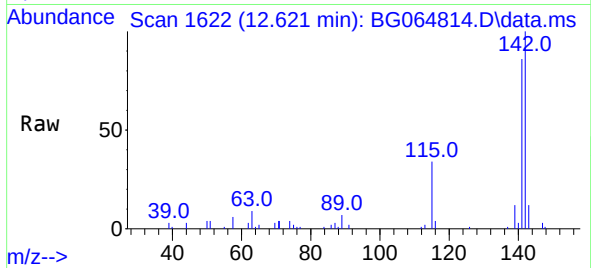
Tgt Ion:107 Resp: 13529
Ion Ratio Lower Upper
107 100
144 21.8 21.7 32.5
142 79.2 60.8 91.2



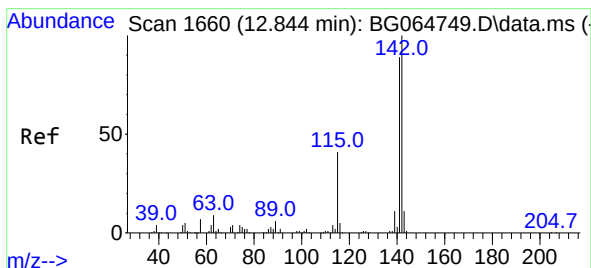
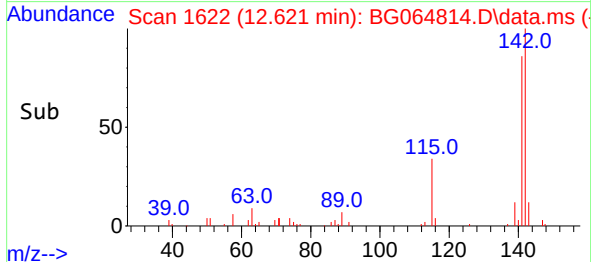
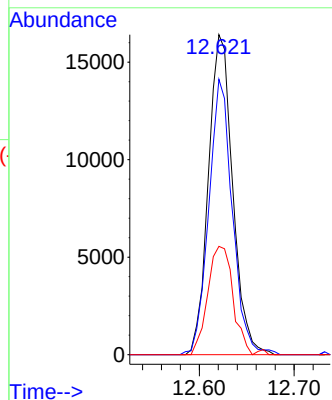


#37
2-Methylnaphthalene
Concen: 3.738 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

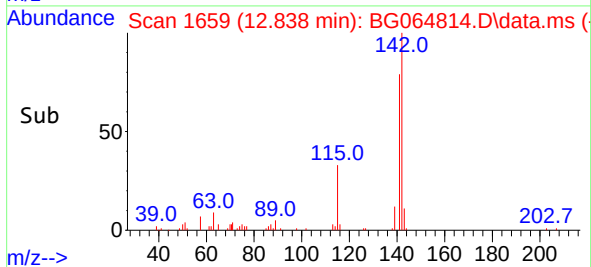
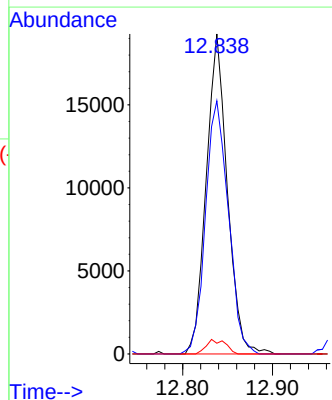
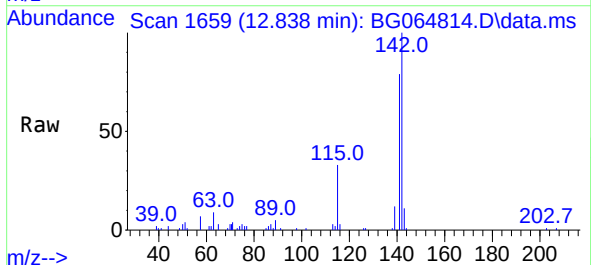


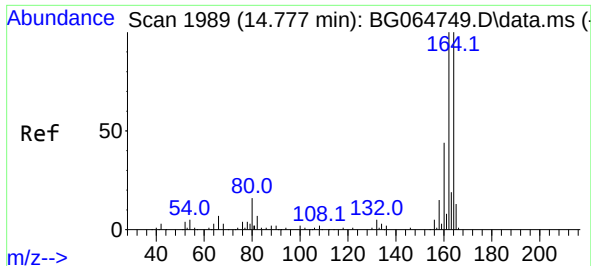
Tgt Ion:142 Resp: 29109
Ion Ratio Lower Upper
142 100
141 86.0 69.1 103.7
115 33.9 32.9 49.3



#38
1-Methylnaphthalene
Concen: 4.057 ng
RT: 12.838 min Scan# 1659
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:142 Resp: 31382
Ion Ratio Lower Upper
142 100
141 79.1 70.8 106.2
116 3.4 3.7 5.5#

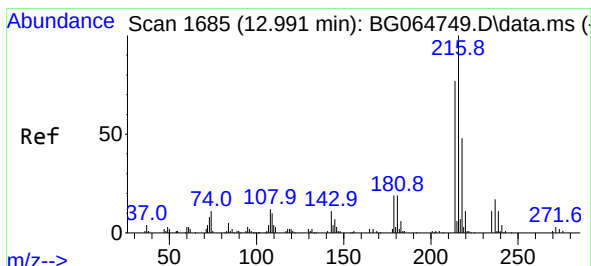
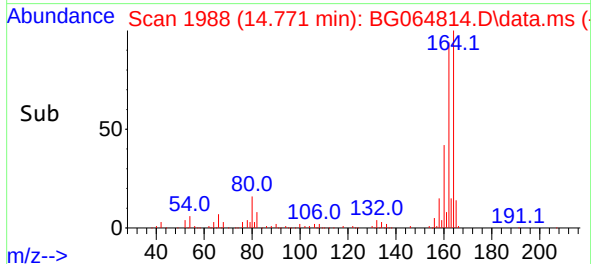
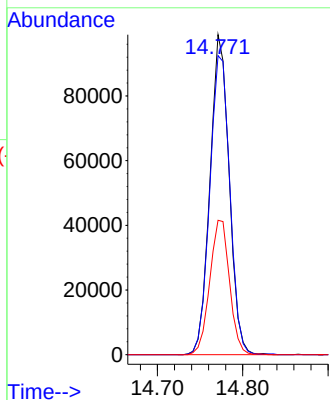
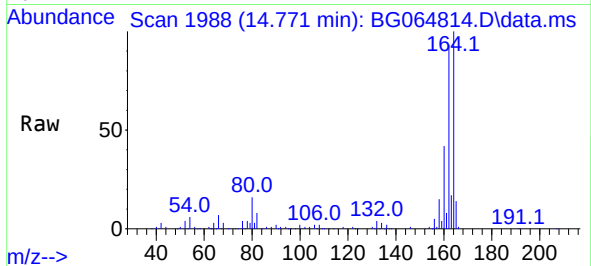




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.771 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

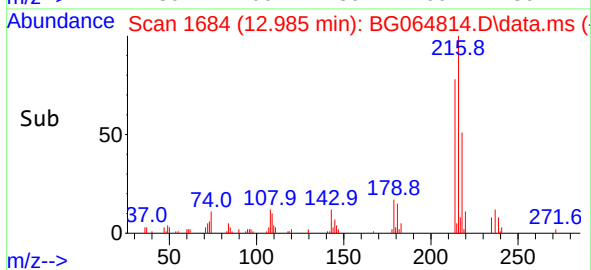
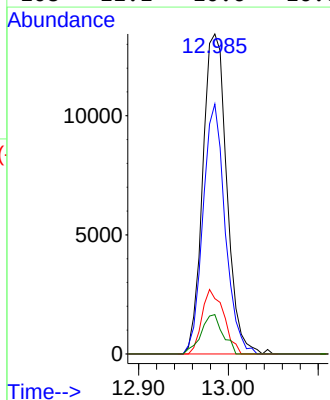
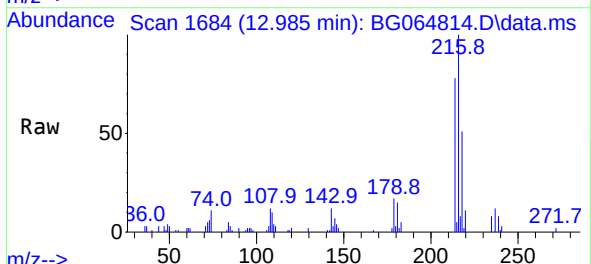
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

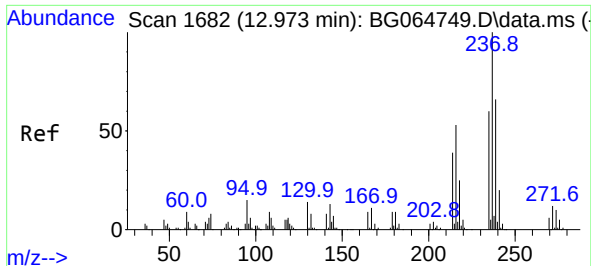
Tgt Ion:164 Resp: 154418
Ion Ratio Lower Upper
164 100
162 93.5 79.8 119.6
160 42.0 34.9 52.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.141 ng
RT: 12.985 min Scan# 1684
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

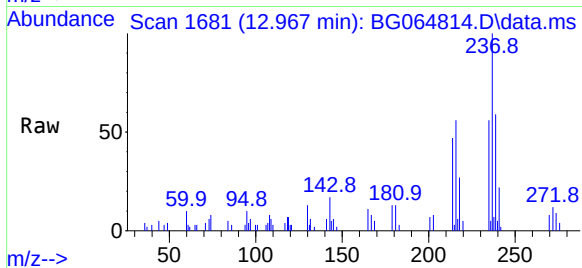
Tgt Ion:216 Resp: 24887
Ion Ratio Lower Upper
216 100
214 72.2 60.5 90.7
179 18.4 14.7 22.1
108 11.1 10.6 16.0



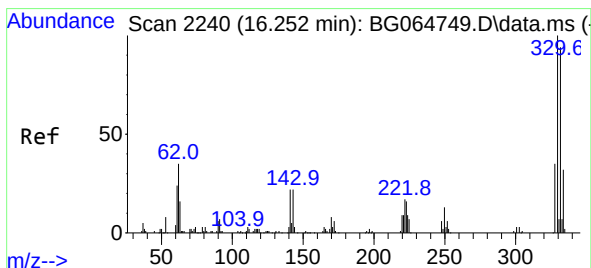
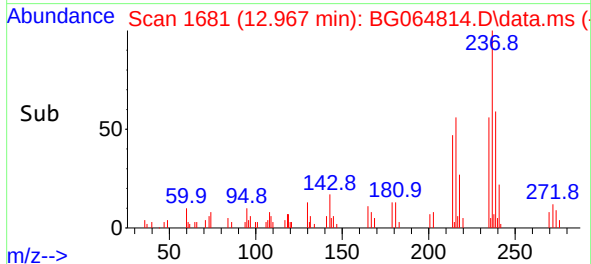
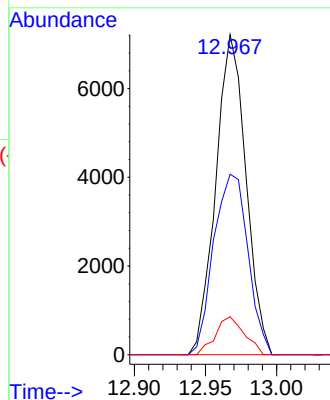


#41
Hexachlorocyclopentadiene
Concen: 2.472 ng
RT: 12.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

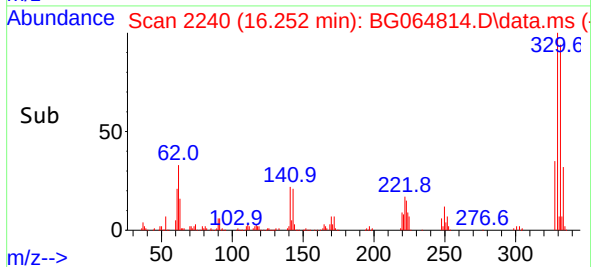
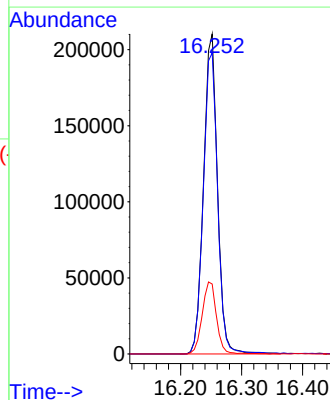
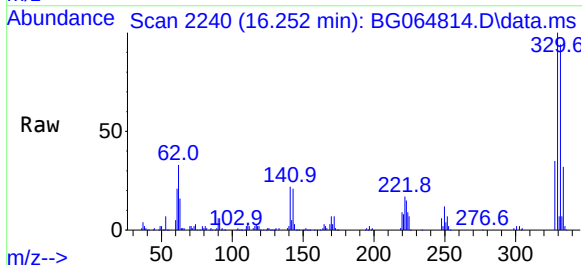


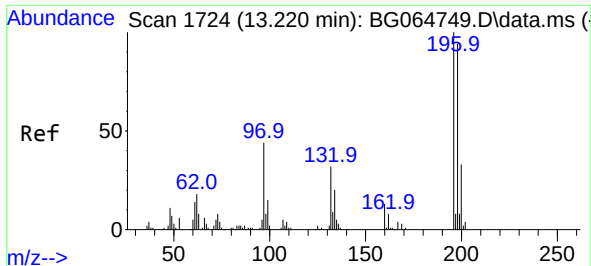
Tgt Ion:237 Resp: 10650
Ion Ratio Lower Upper
237 100
235 56.4 40.2 80.2
272 11.8 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 111.029 ng
RT: 16.252 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:330 Resp: 334377
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: 3.490 ng

RT: 13.290 min Scan# 1

Delta R.T. 0.070 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

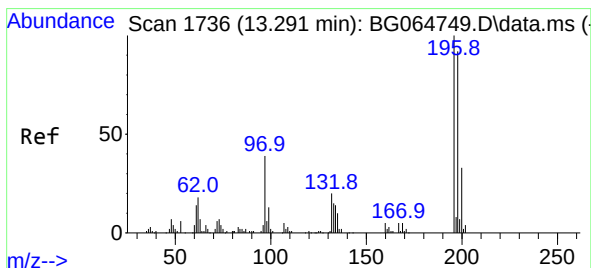
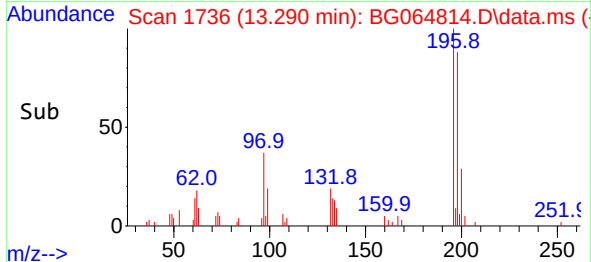
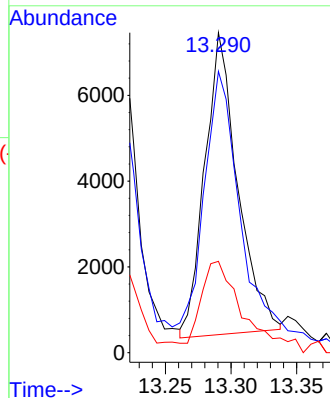
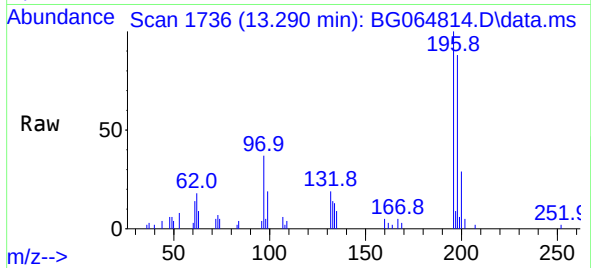
Tgt Ion:196 Resp: 12308

Ion Ratio Lower Upper

196 100

198 87.9 75.3 112.9

200 28.6 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 3.111 ng

RT: 13.290 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Tgt Ion:196 Resp: 12308

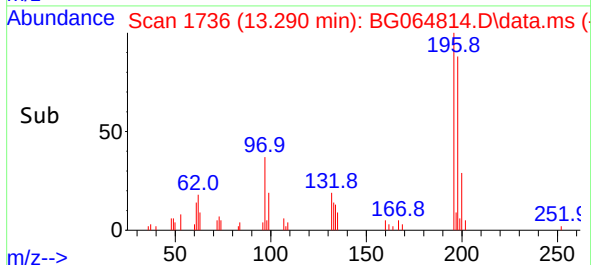
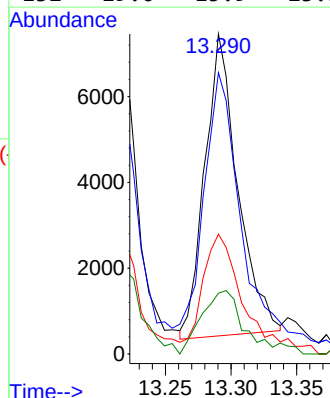
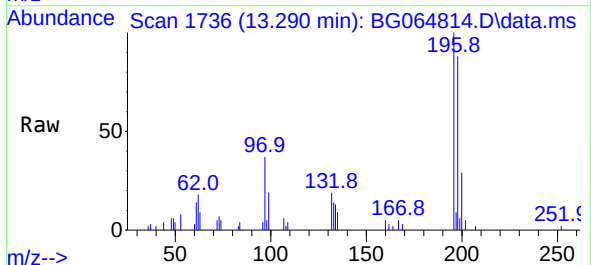
Ion Ratio Lower Upper

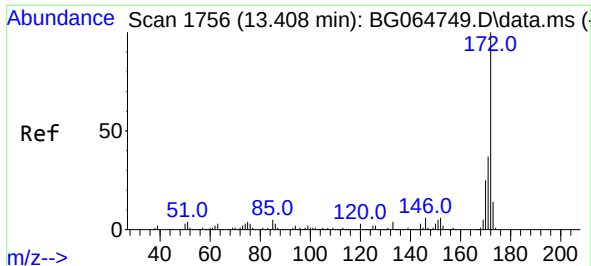
196 100

198 87.9 73.2 109.8

97 37.4 31.4 47.0

132 19.0 15.9 23.9

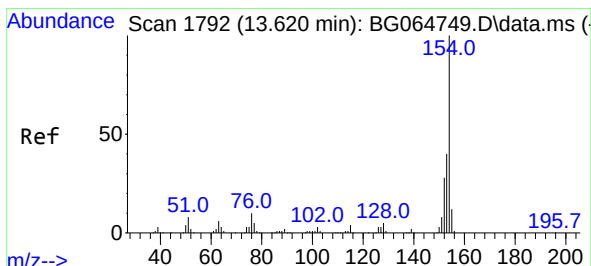
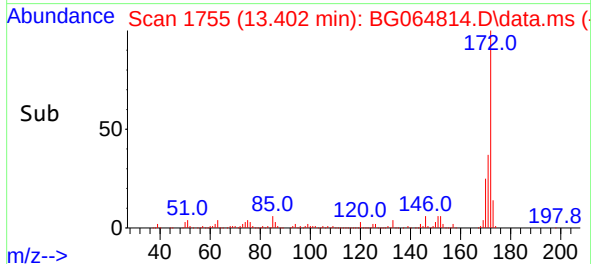
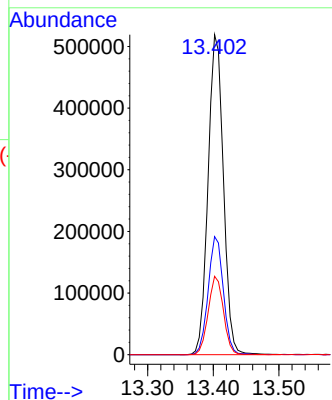
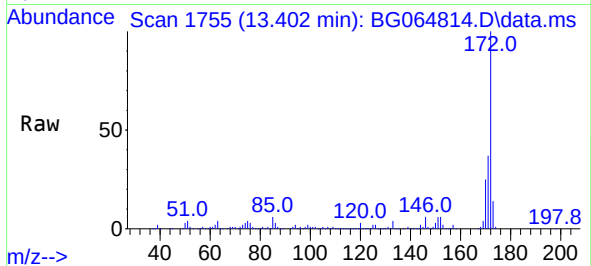




#45
2-Fluorobiphenyl
Concen: 76.297 ng
RT: 13.402 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

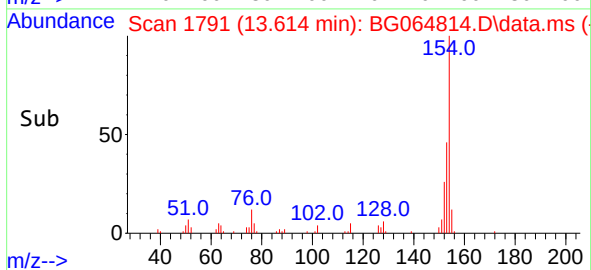
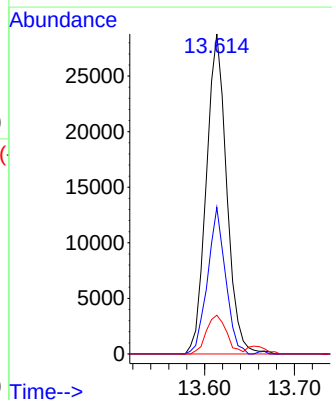
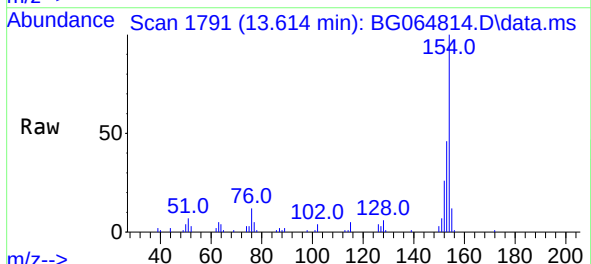
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

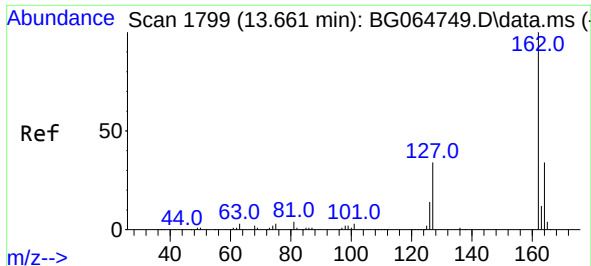
Tgt Ion:172 Resp: 844356
Ion Ratio Lower Upper
172 100
171 36.9 29.9 44.9
170 24.5 19.8 29.6



#46
1,1'-Biphenyl
Concen: 4.087 ng
RT: 13.614 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

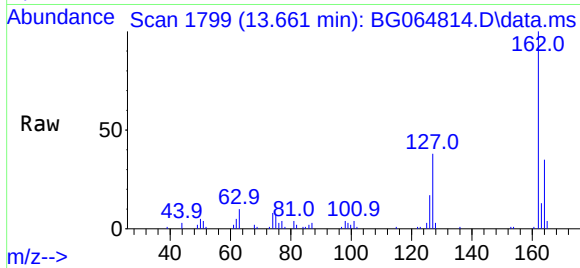
Tgt Ion:154 Resp: 45325
Ion Ratio Lower Upper
154 100
153 45.8 19.8 59.8
76 12.1 0.0 30.0





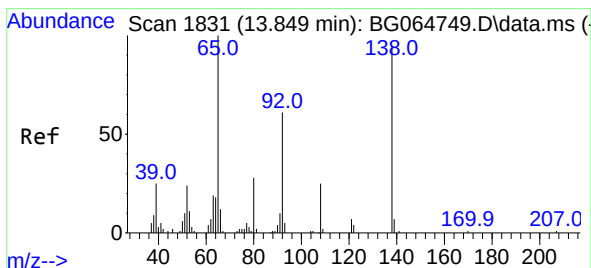
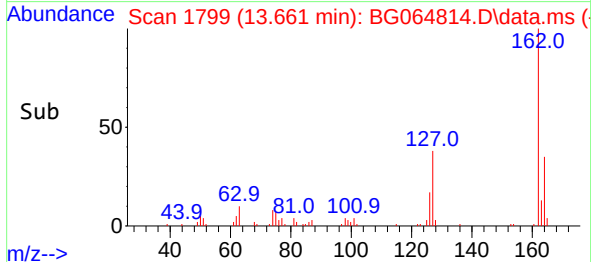
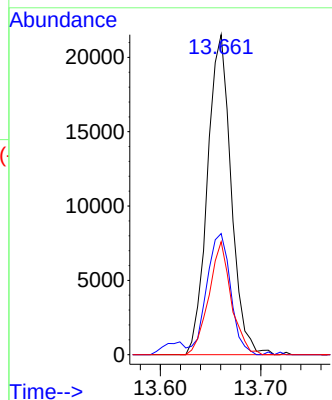
#47
2-Chloronaphthalene
Concen: 4.037 ng
RT: 13.661 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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



Tgt Ion:162 Resp: 35277

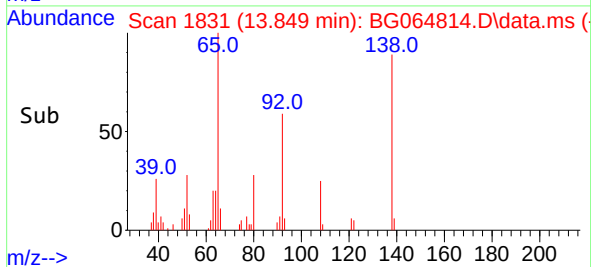
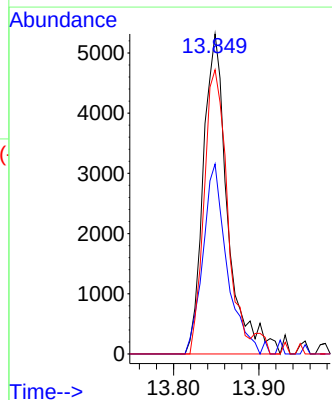
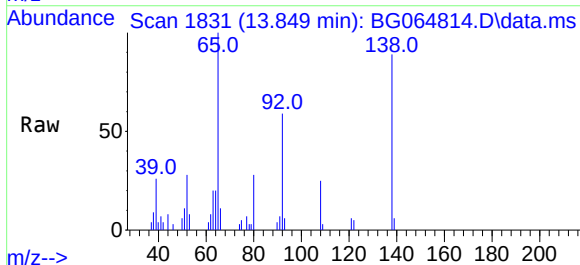
Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.3	45.5
164	35.3	26.8	40.2

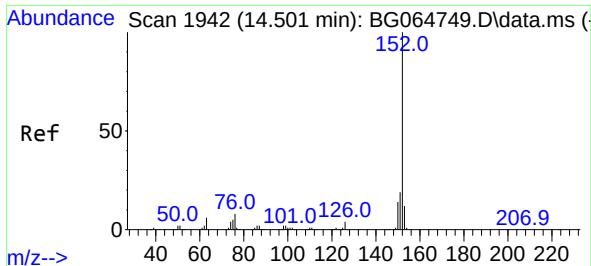


#48
2-Nitroaniline
Concen: 3.752 ng
RT: 13.849 min Scan# 1831
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion: 65 Resp: 10545

Ion	Ratio	Lower	Upper
65	100		
92	59.4	48.6	73.0
138	88.8	76.4	114.6

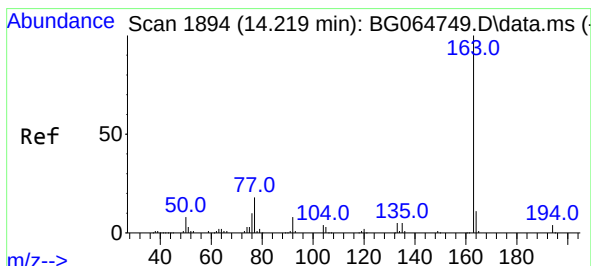
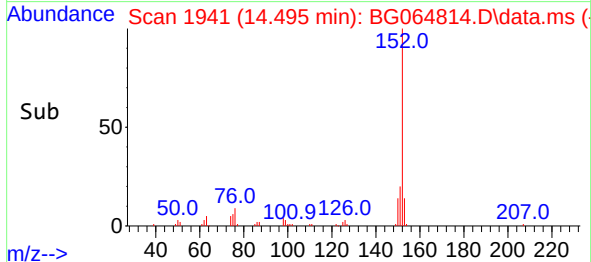
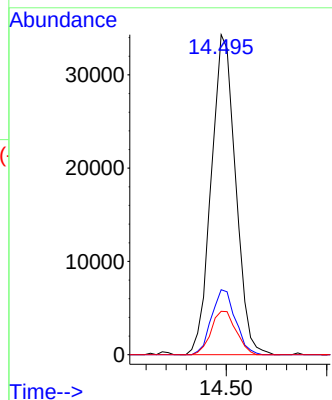
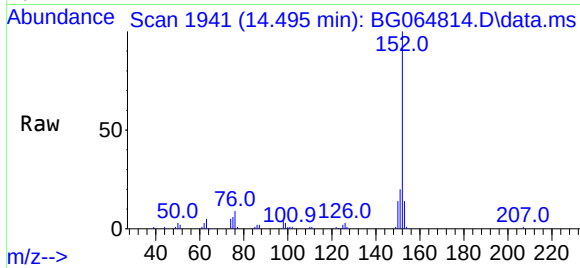




#49
Acenaphthylene
Concen: 3.859 ng
RT: 14.495 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

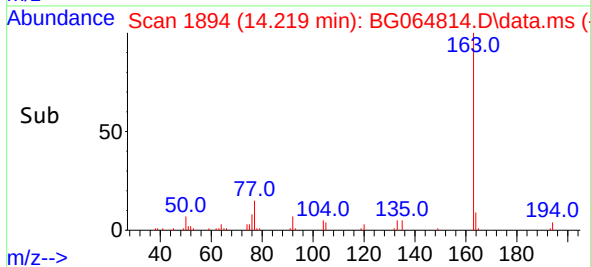
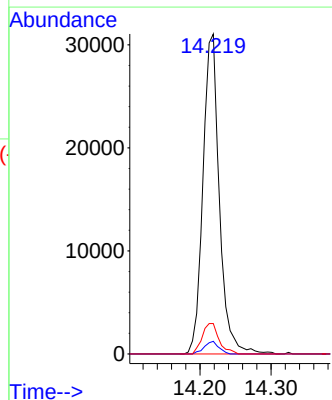
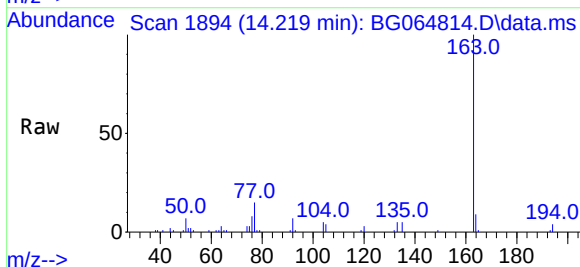
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

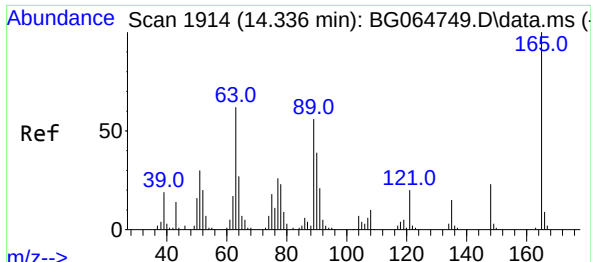
Tgt Ion:	152	Resp:	57608
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.0	22.4
153	13.6	9.9	14.9



#50
Dimethylphthalate
Concen: 4.090 ng
RT: 14.219 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	163	Resp:	49895
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.5	8.6	12.8

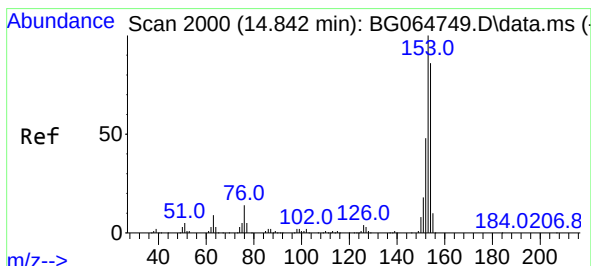
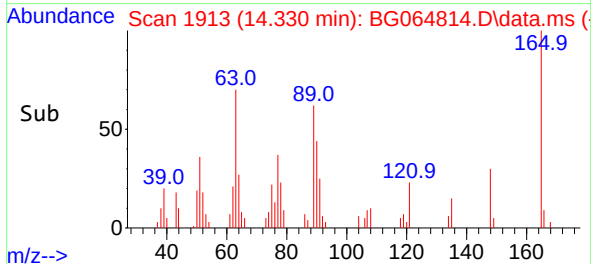
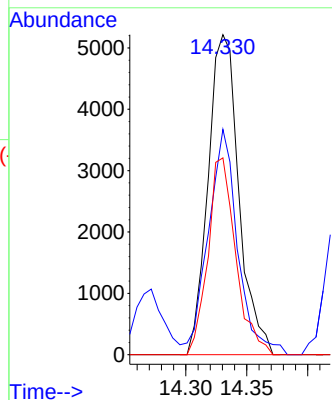
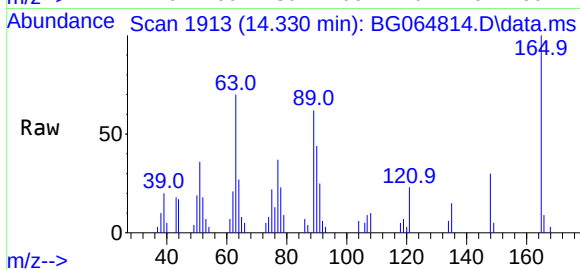




#51
2,6-Dinitrotoluene
Concen: 3.900 ng
RT: 14.330 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

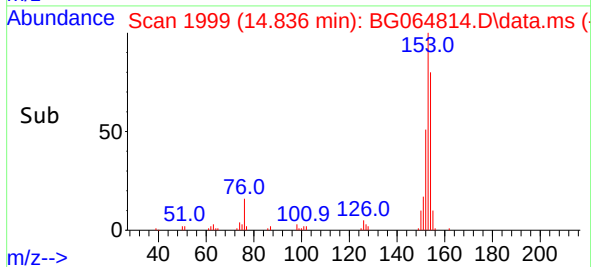
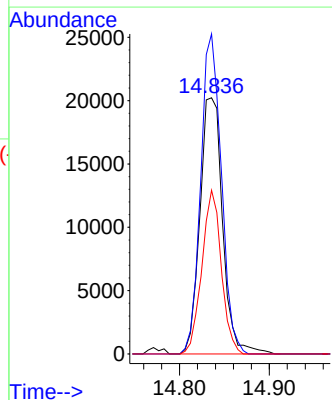
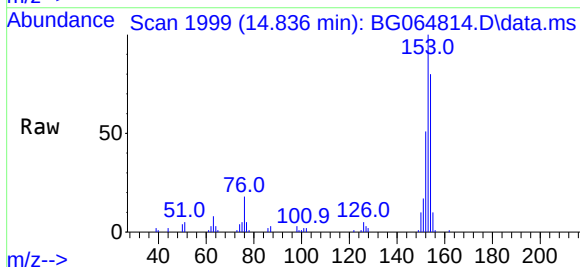
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

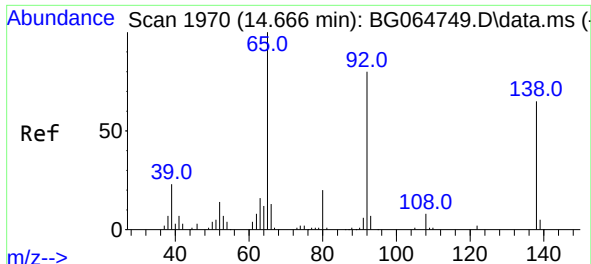
Tgt Ion:	165	Resp:	9155
Ion	Ratio	Lower	Upper
165	100		
63	70.4	49.8	74.8
89	61.5	45.0	67.4



#52
Acenaphthene
Concen: 3.960 ng
RT: 14.836 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	154	Resp:	35446
Ion	Ratio	Lower	Upper
154	100		
153	124.9	93.0	139.4
152	63.9	44.4	66.6

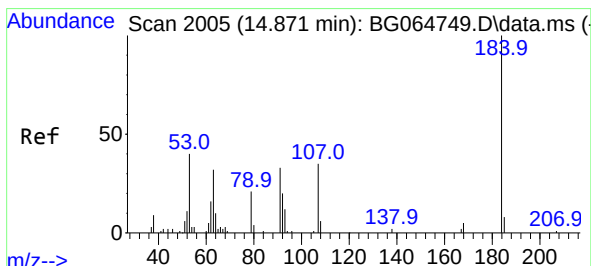
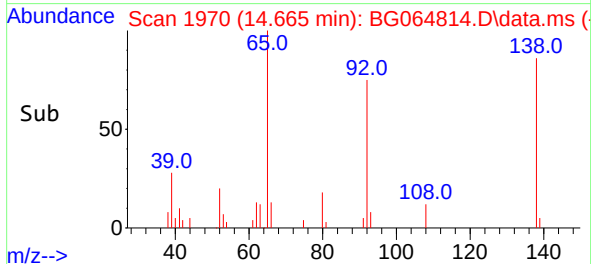
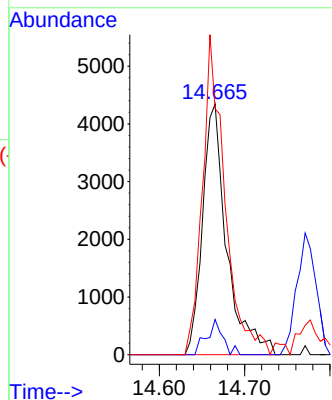
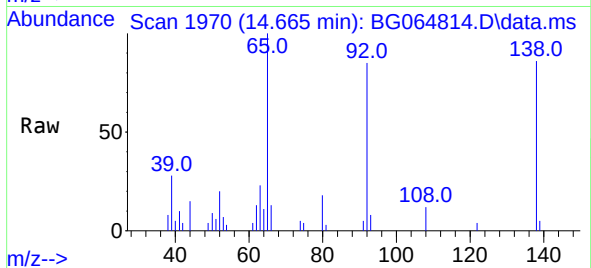




#53
3-Nitroaniline
Concen: 3.689 ng
RT: 14.665 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

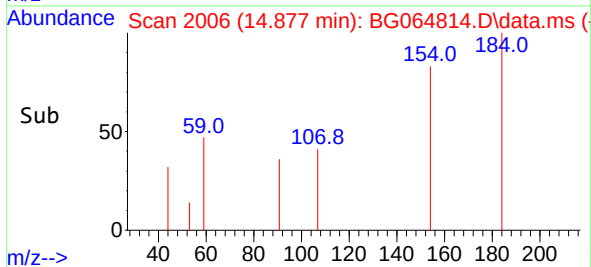
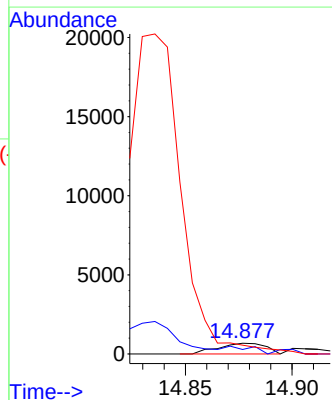
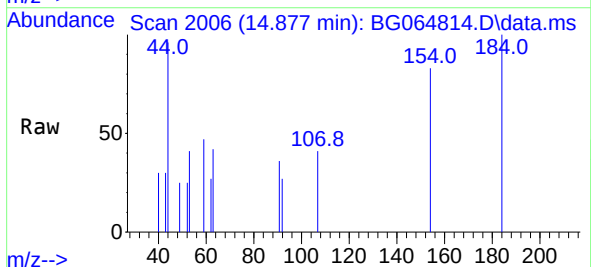
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

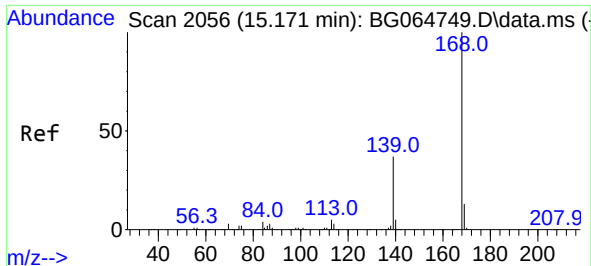
Tgt Ion:138 Resp: 8547
Ion Ratio Lower Upper
138 100
108 14.1 9.5 14.3
92 98.0 99.0 148.4#



#54
2,4-Dinitrophenol
Concen: 9.166 ng
RT: 14.877 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:184 Resp: 1049
Ion Ratio Lower Upper
184 100
63 42.0 45.8 68.6#
154 82.7 52.6 78.8#

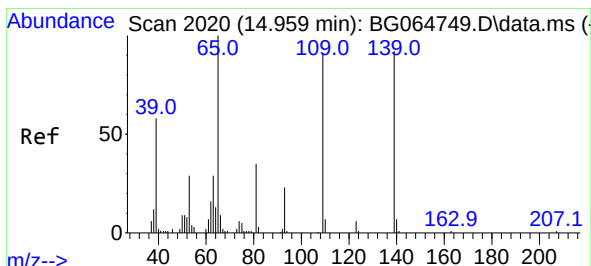
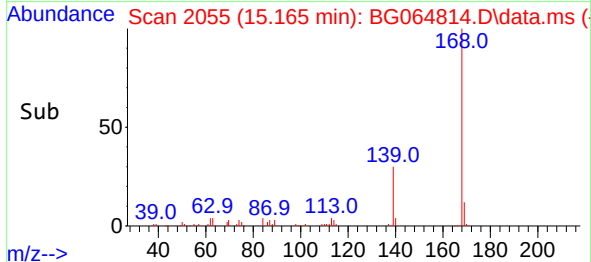
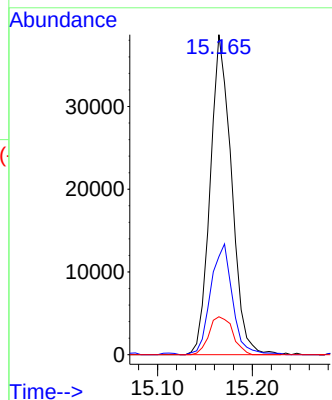
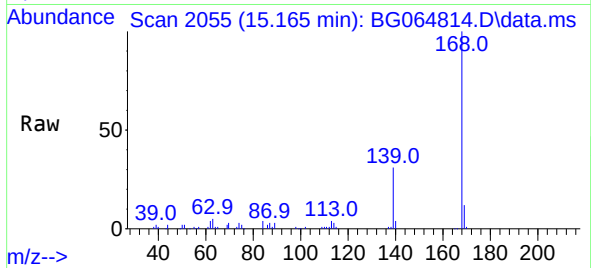




#55
Dibenzenofuran
Concen: 4.071 ng
RT: 15.165 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

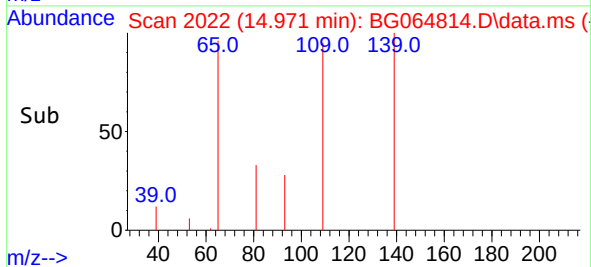
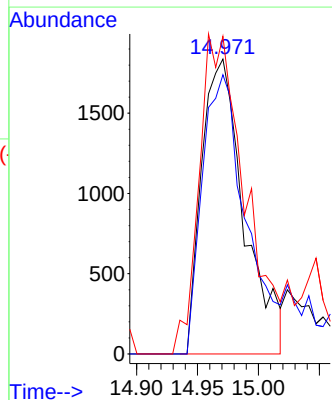
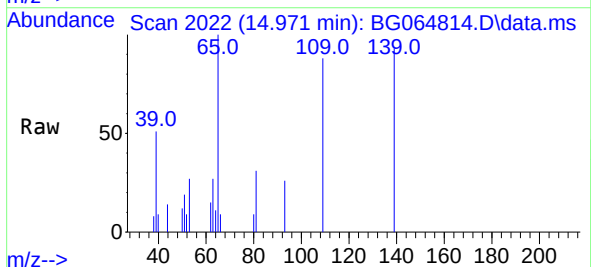
Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT4-2025

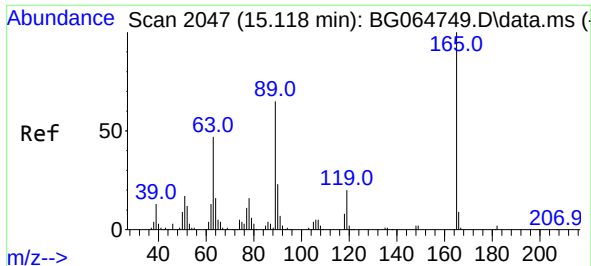
Tgt Ion:168	Resp:	60236
Ion Ratio	Lower	Upper
168	100	
139	30.6	29.5 44.3
169	11.8	10.4 15.6



#56
4-Nitrophenol
Concen: 2.420 ng
RT: 14.971 min Scan# 2022
Delta R.T. 0.011 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:139	Resp:	4448
Ion Ratio	Lower	Upper
139	100	
109	94.7	79.7 119.7
65	107.7	89.9 129.9





#57

2,4-Dinitrotoluene

Concen: 3.707 ng

RT: 15.112 min Scan# 2046

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

Instrument :

BNA_G

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:165 Resp: 13044

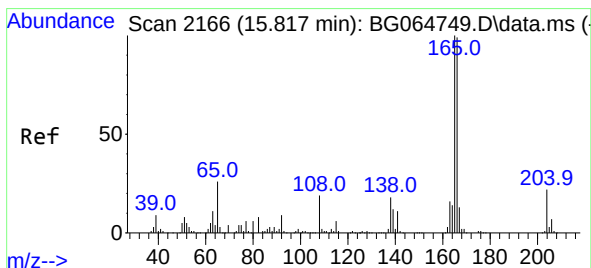
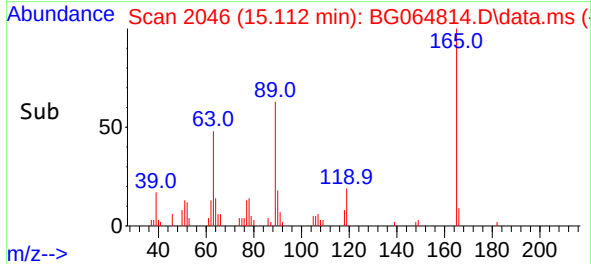
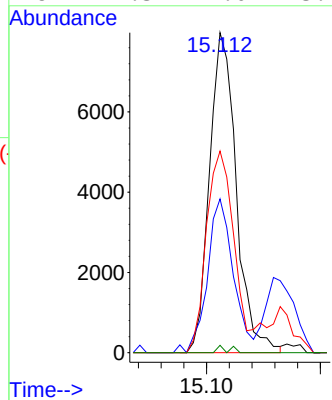
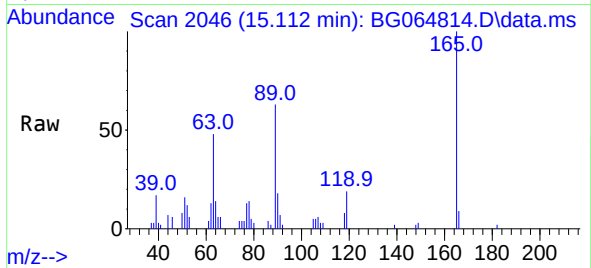
Ion Ratio Lower Upper

165 100

63 48.1 37.8 56.6

89 63.0 51.6 77.4

182 2.3 2.0 3.0



#58

Fluorene

Concen: 4.141 ng

RT: 15.811 min Scan# 2165

Delta R.T. -0.006 min

Lab File: BG064814.D

Acq: 19 Nov 2025 13:51

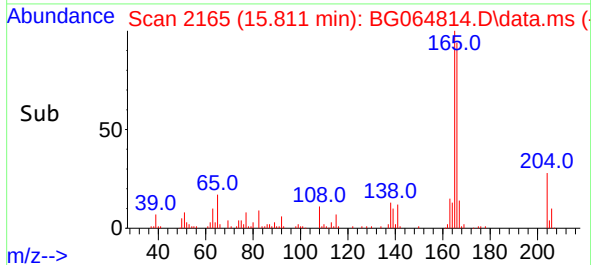
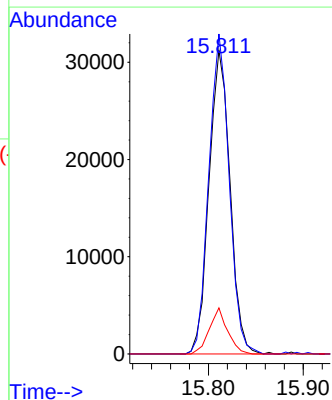
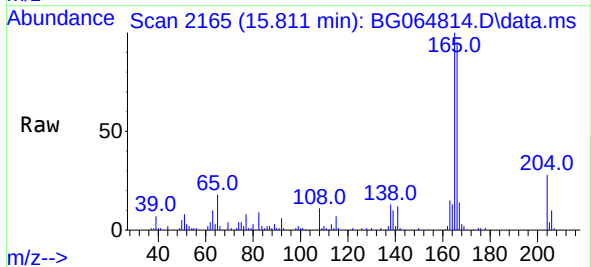
Tgt Ion:166 Resp: 48056

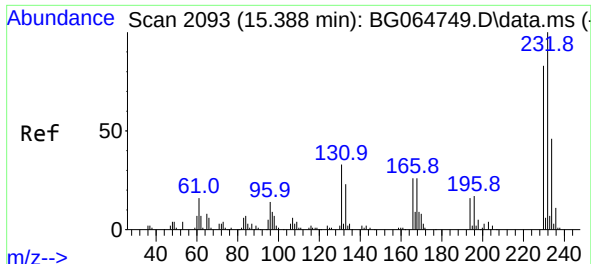
Ion Ratio Lower Upper

166 100

165 105.4 80.5 120.7

167 15.2 10.3 15.5

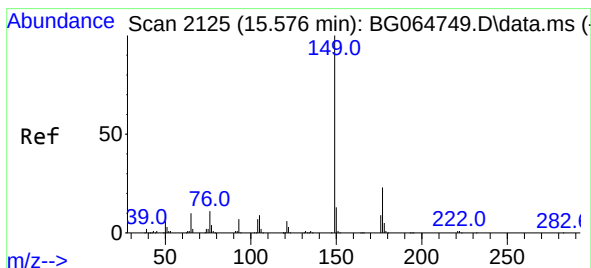
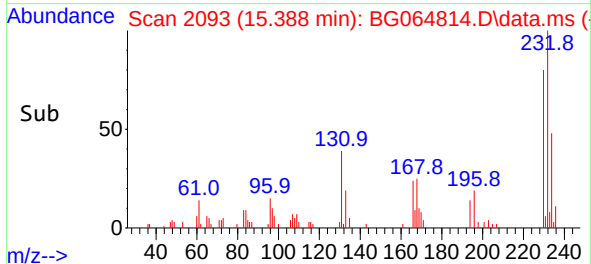
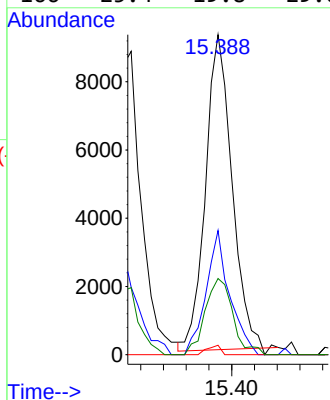
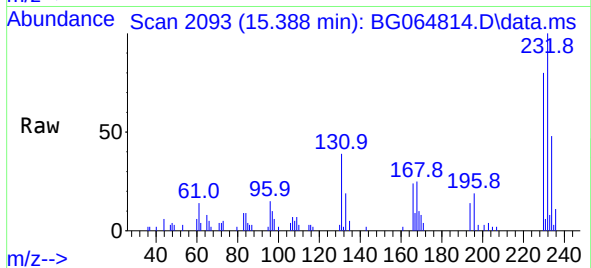




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.813 ng
RT: 15.388 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

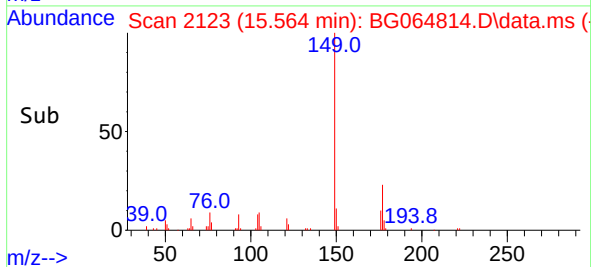
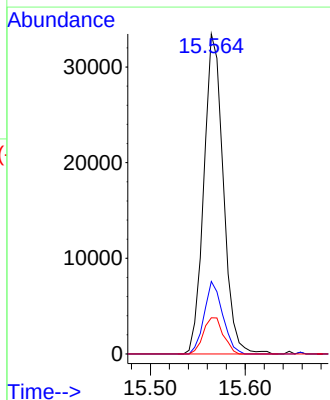
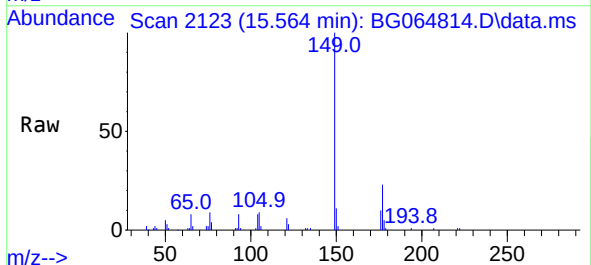
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

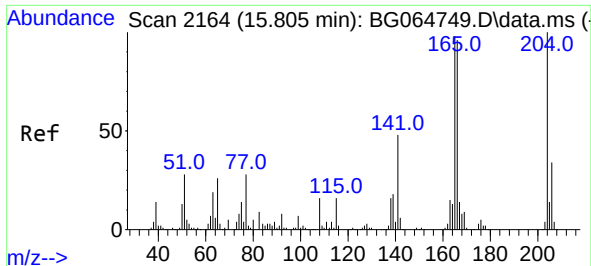
Tgt Ion:	232	Resp:	14882
Ion Ratio	Lower	Upper	
232	100		
131	35.3	26.0	39.0
130	1.5	1.6	2.4#
166	25.4	19.8	29.6



#60
Diethylphthalate
Concen: 4.070 ng
RT: 15.564 min Scan# 2123
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	149	Resp:	47564
Ion Ratio	Lower	Upper	
149	100		
177	22.6	18.4	27.6
150	11.3	10.1	15.1

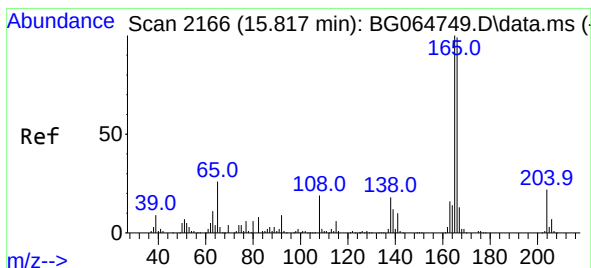
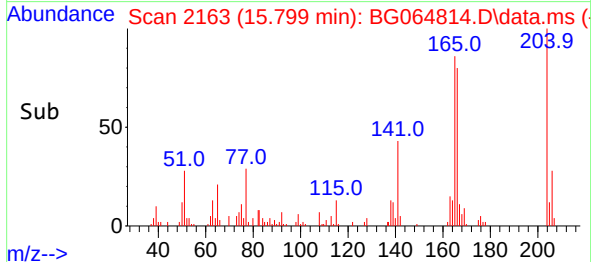
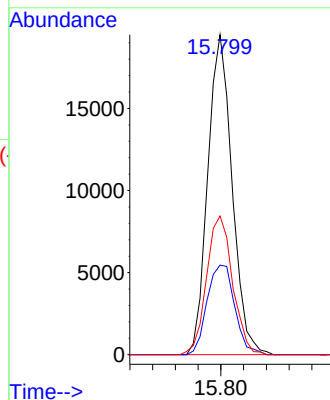
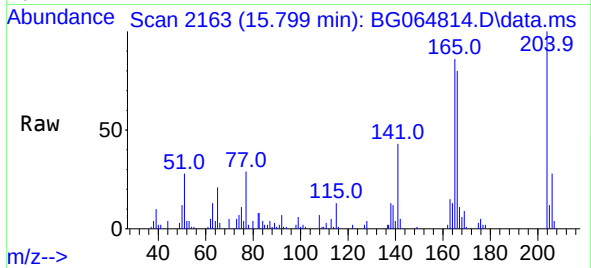




#61
4-Chlorophenyl-phenylether
Concen: 4.157 ng
RT: 15.799 min Scan# 2163
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

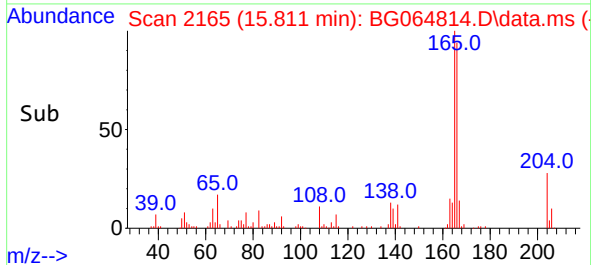
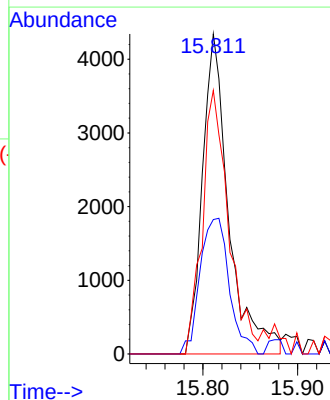
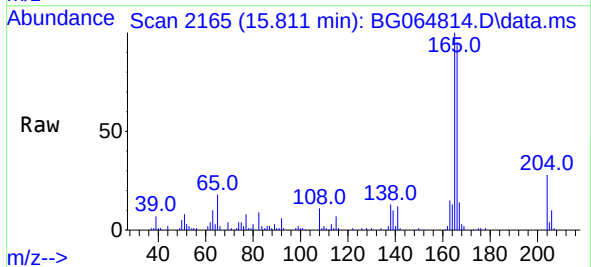
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

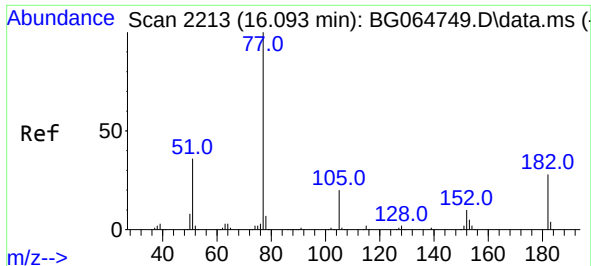
Tgt Ion:204 Resp: 28956
Ion Ratio Lower Upper
204 100
206 28.0 26.9 40.3
141 43.3 38.1 57.1



#62
4-Nitroaniline
Concen: 3.493 ng
RT: 15.811 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

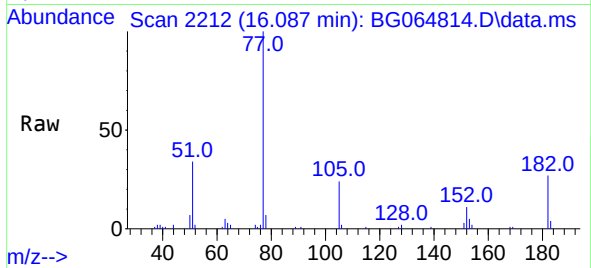
Tgt Ion:138 Resp: 8383
Ion Ratio Lower Upper
138 100
92 42.0 30.7 70.7
108 82.3 85.7 125.7#



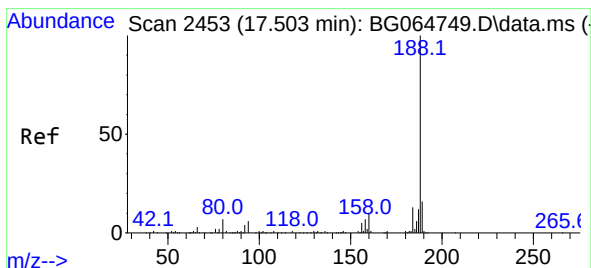
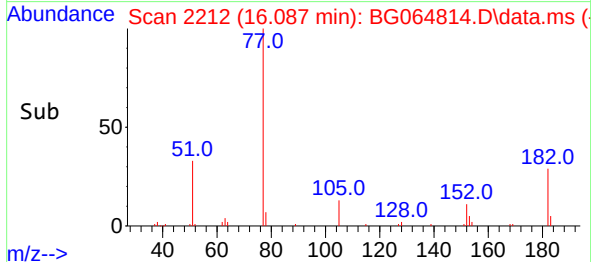
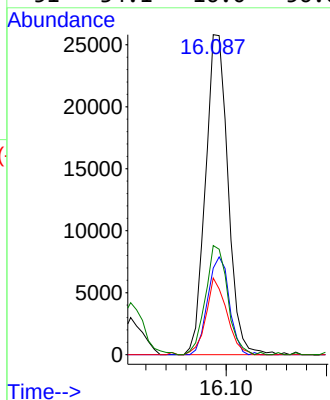


#63
Azobenzene
Concen: 4.150 ng
RT: 16.087 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

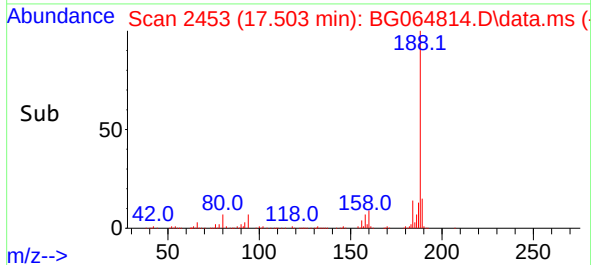
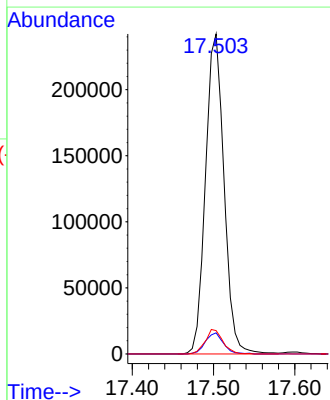
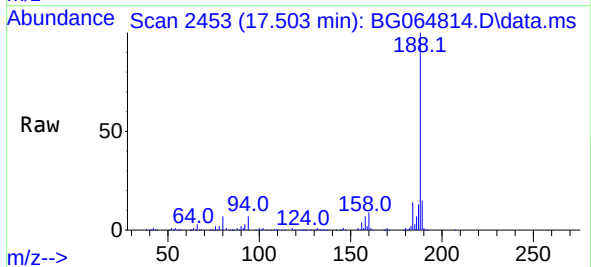


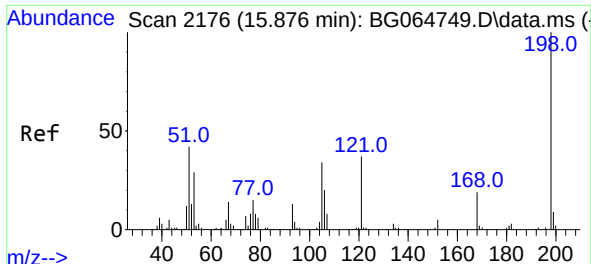
Tgt Ion: 77	Resp: 40338
Ion Ratio	Lower Upper
77 100	
182 27.1	8.1 48.1
105 24.0	0.1 40.1
51 34.1	16.0 56.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.503 min Scan# 2453
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:188	Resp: 382376
Ion Ratio	Lower Upper
188 100	
94 6.6	4.7 7.1
80 7.3	5.4 8.2

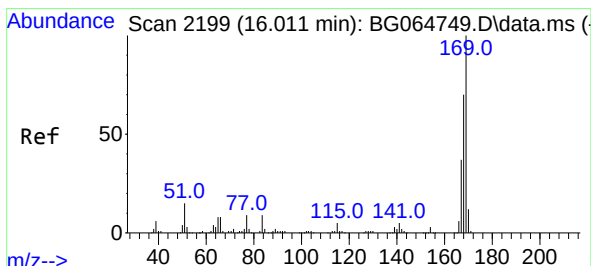
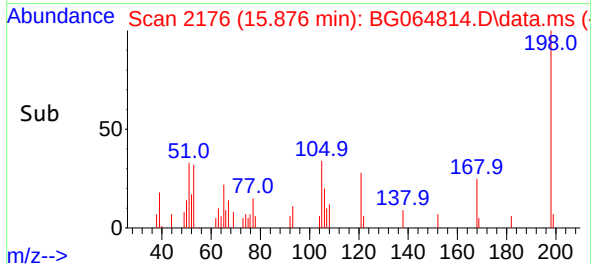
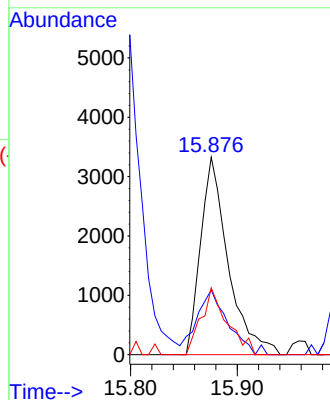
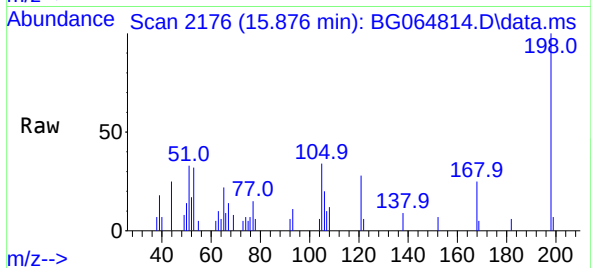




#65
4,6-Dinitro-2-methylphenol
Concen: 2.824 ng
RT: 15.876 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

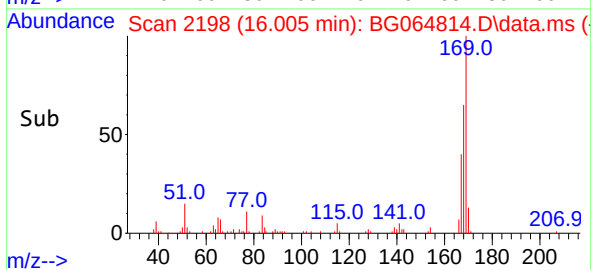
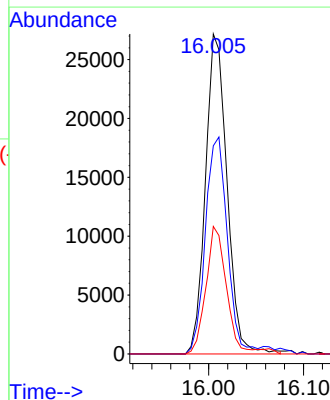
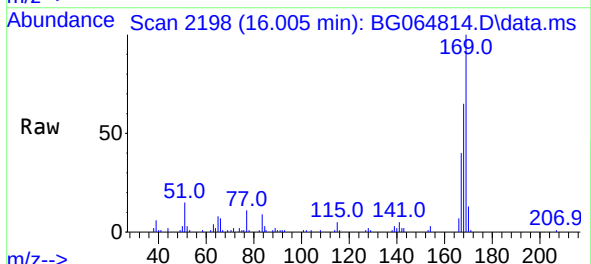
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

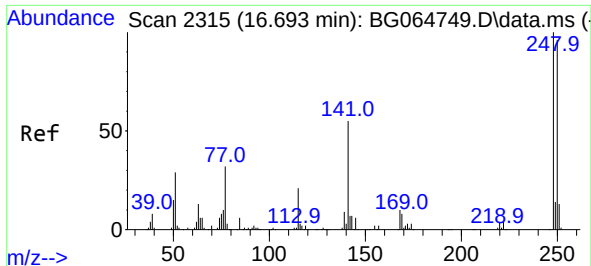
Tgt Ion:198 Resp: 5995
Ion Ratio Lower Upper
198 100
51 32.8 25.2 65.2
105 33.8 14.2 54.2



#66
n-Nitrosodiphenylamine
Concen: 4.279 ng
RT: 16.005 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:169 Resp: 42856
Ion Ratio Lower Upper
169 100
168 65.1 55.9 83.9
167 39.9 29.8 44.6

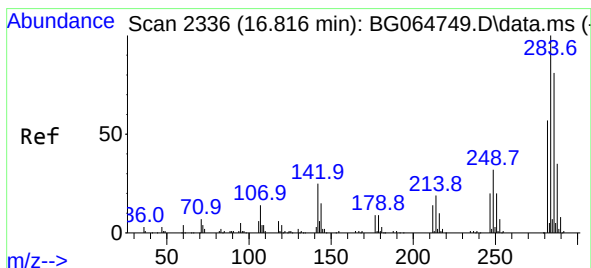
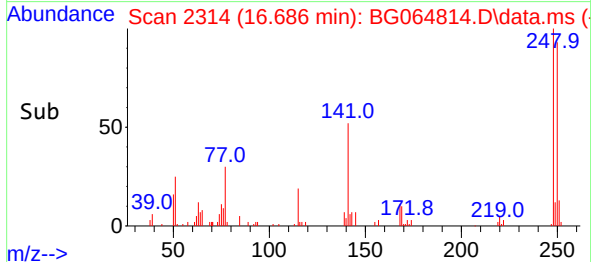
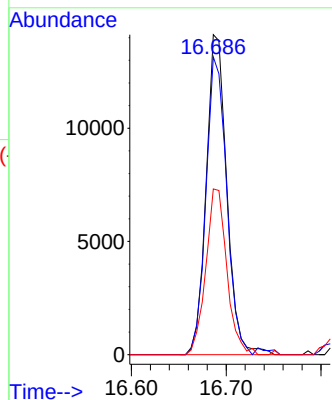
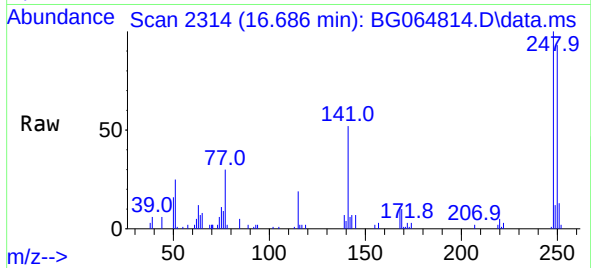




#67
4-Bromophenyl-phenylether
Concen: 4.261 ng
RT: 16.686 min Scan# 21397
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

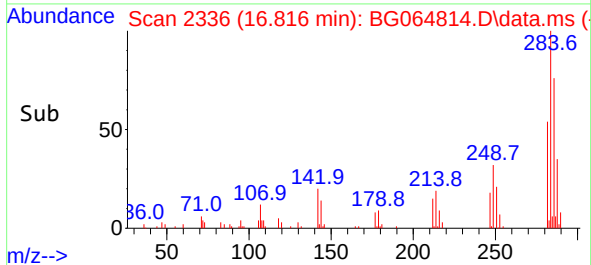
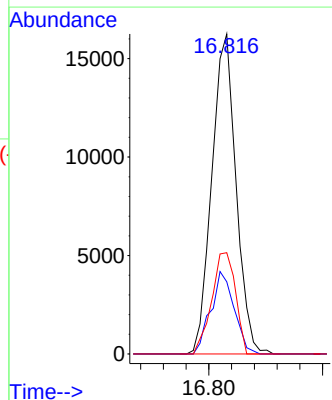
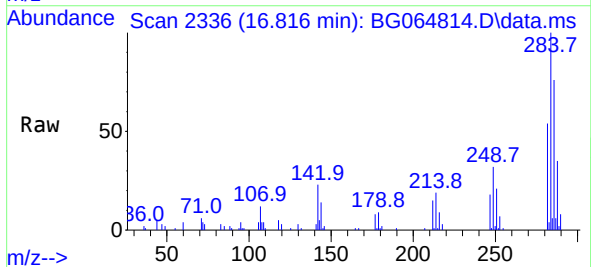
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

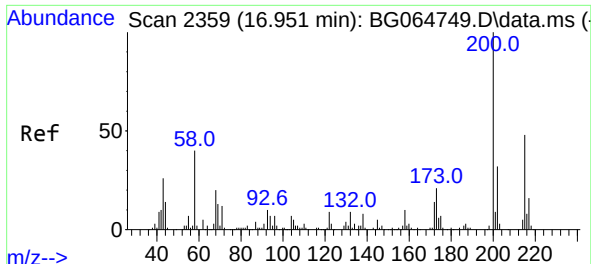
Tgt Ion:248 Resp: 21397
Ion Ratio Lower Upper
248 100
250 93.1 77.0 115.6
141 51.8 43.7 65.5



#68
Hexachlorobenzene
Concen: 3.949 ng
RT: 16.816 min Scan# 2336
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:284 Resp: 24023
Ion Ratio Lower Upper
284 100
142 22.5 19.7 29.5
249 31.7 28.1 42.1

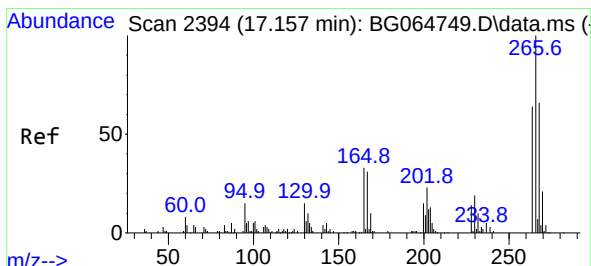
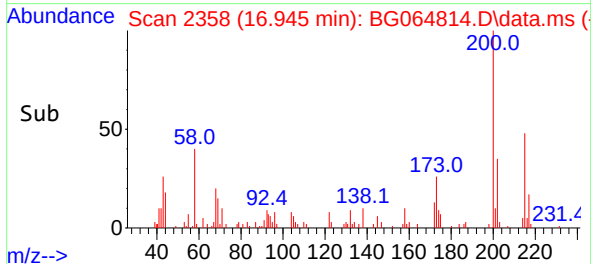
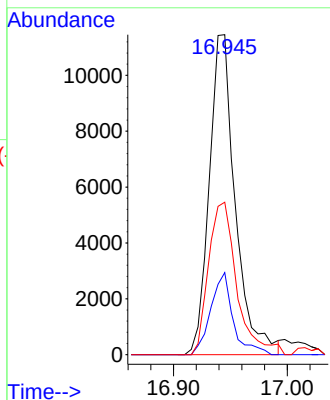
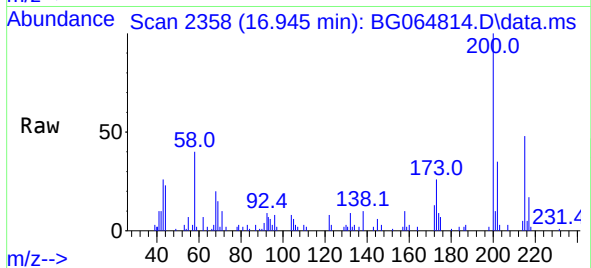




#69
Atrazine
Concen: 3.778 ng
RT: 16.945 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

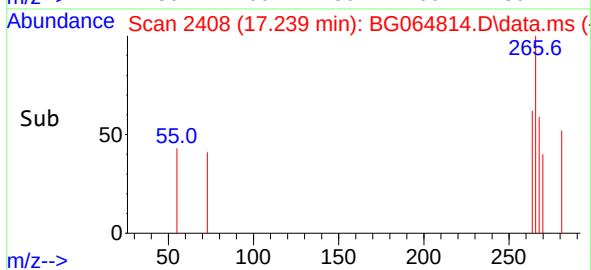
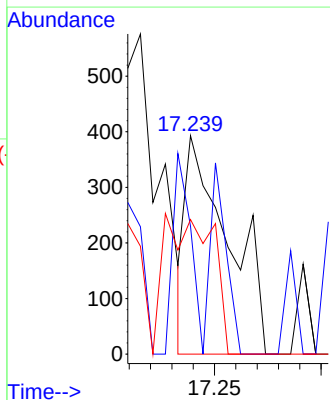
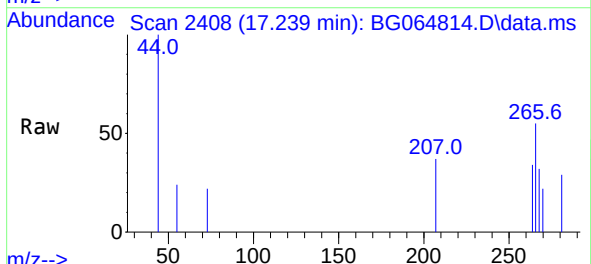
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

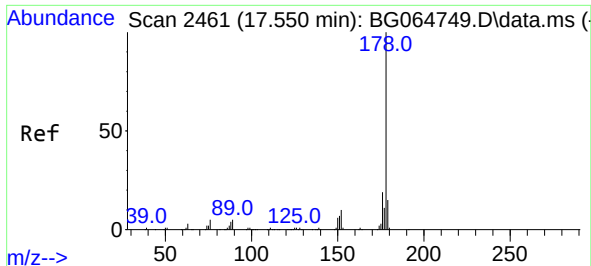
Tgt Ion:	200	Resp:	18244
Ion Ratio	Lower	Upper	
200	100		
173	25.6	0.9	40.9
215	47.6	27.5	67.5



#70
Pentachlorophenol
Concen: 6.283 ng
RT: 17.239 min Scan# 2408
Delta R.T. 0.082 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	266	Resp:	548
Ion Ratio	Lower	Upper	
266	100		
268	58.5	56.1	84.1
264	61.6	51.2	76.8

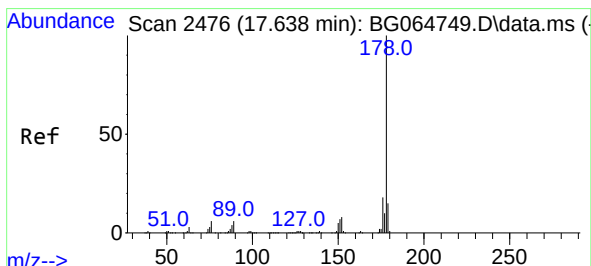
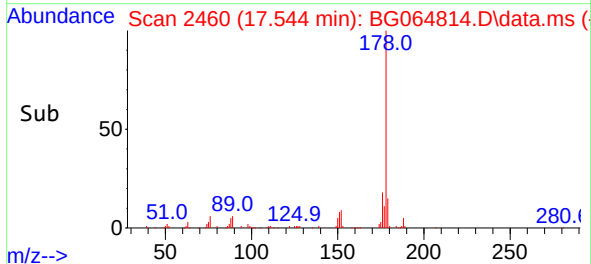
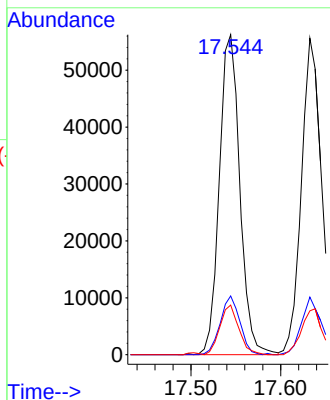
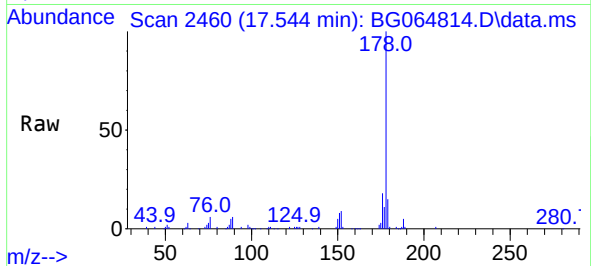




#71
Phenanthrene
Concen: 4.259 ng
RT: 17.544 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

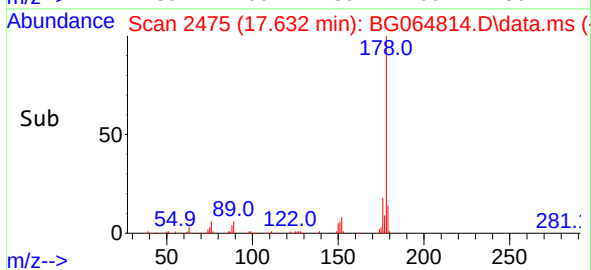
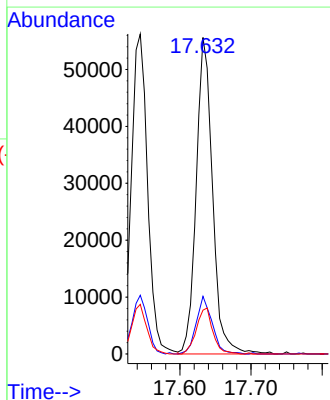
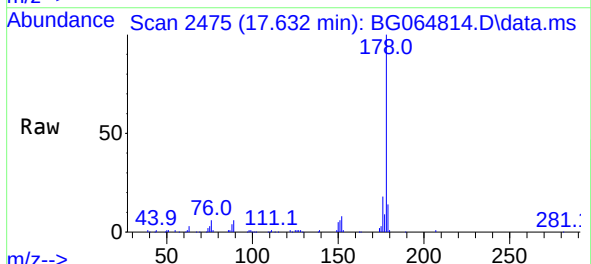
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

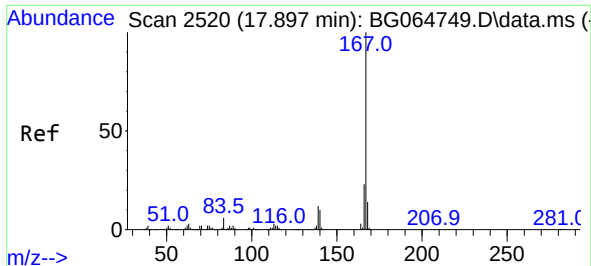
Tgt Ion:178 Resp: 89099
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.5 12.2 18.4



#72
Anthracene
Concen: 4.177 ng
RT: 17.632 min Scan# 2475
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:178 Resp: 89101
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 13.9 12.2 18.4

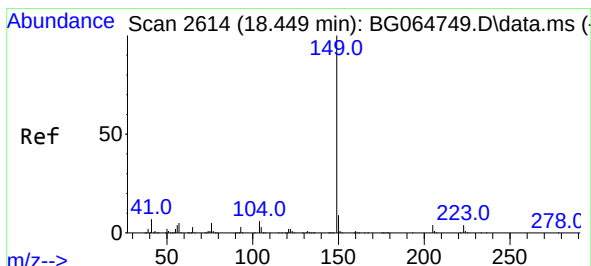
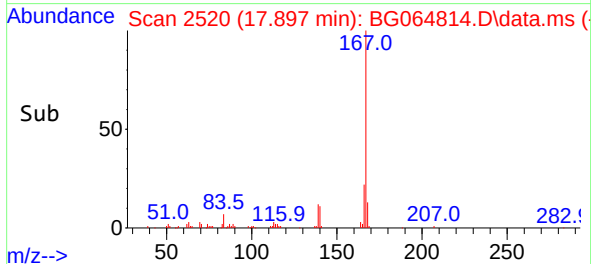
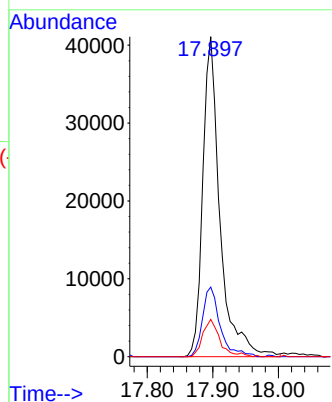
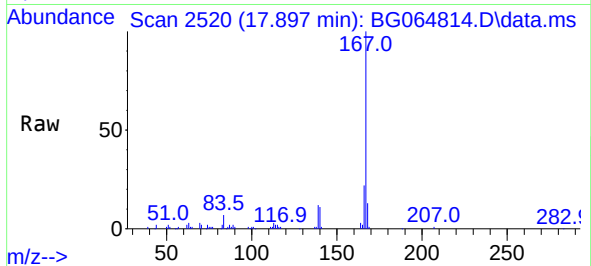




#73
 Carbazole
 Concen: 4.080 ng
 RT: 17.897 min Scan# 2520
 Delta R.T. -0.000 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

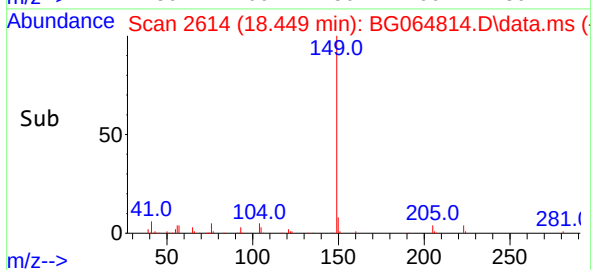
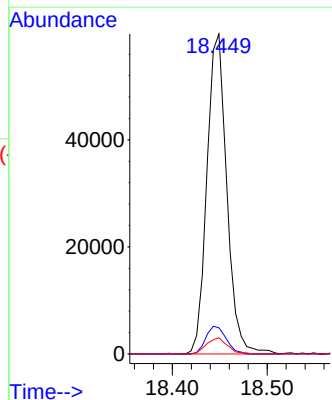
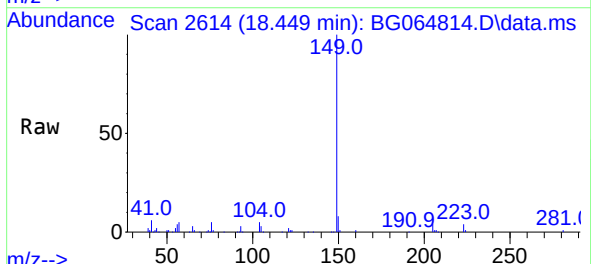
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

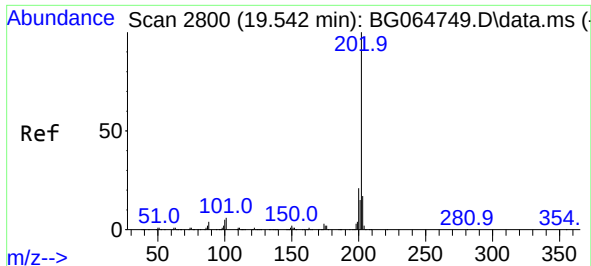
Tgt Ion:	167	Resp:	74815
Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	11.6	9.7	14.5



#74
 Di-n-butylphthalate
 Concen: 4.262 ng
 RT: 18.449 min Scan# 2614
 Delta R.T. -0.000 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

Tgt Ion:	149	Resp:	87199
Ion	Ratio	Lower	Upper
149	100		
150	8.2	7.5	11.3
104	5.1	4.4	6.6

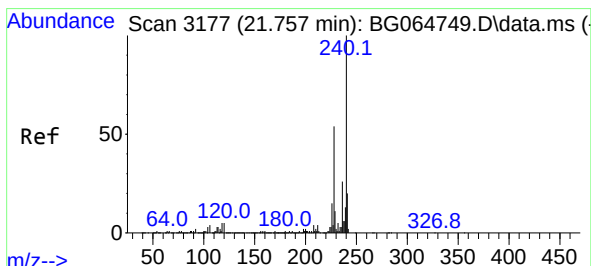
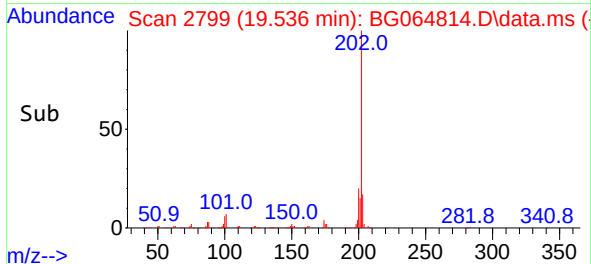
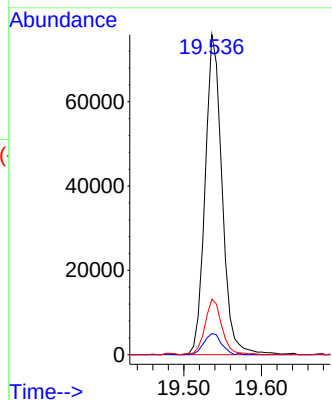
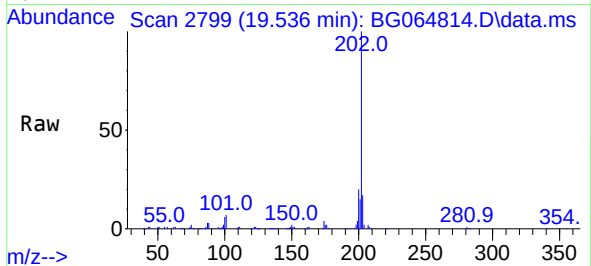




#75
Fluoranthene
Concen: 4.026 ng
RT: 19.536 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

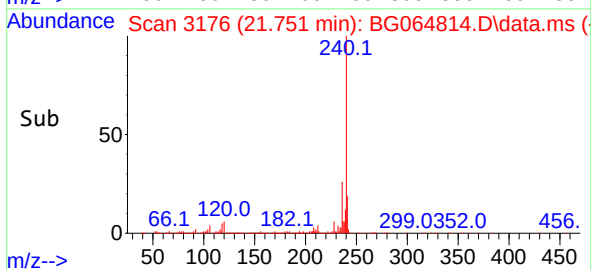
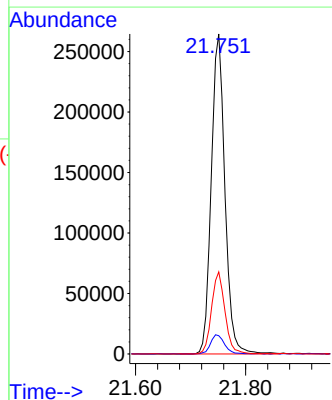
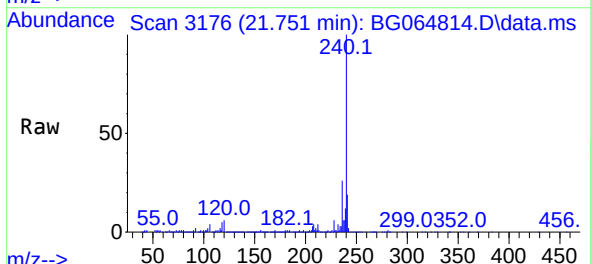
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

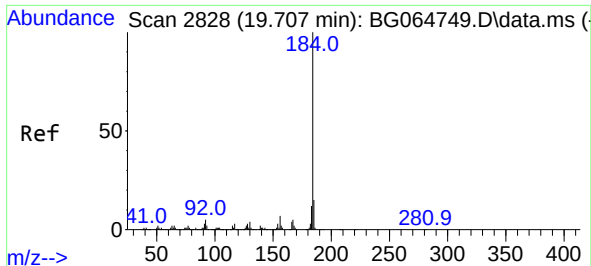
Tgt Ion:202 Resp: 115169
Ion Ratio Lower Upper
202 100
101 6.6 0.0 26.4
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3176
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:240 Resp: 455187
Ion Ratio Lower Upper
240 100
120 5.7 4.2 6.4
236 25.6 20.8 31.2

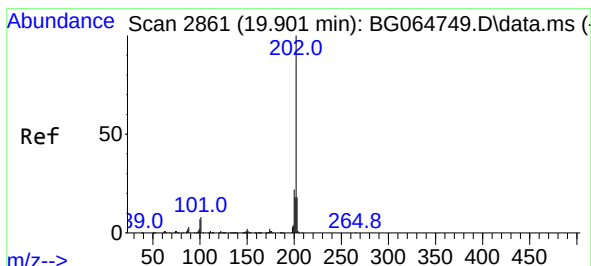
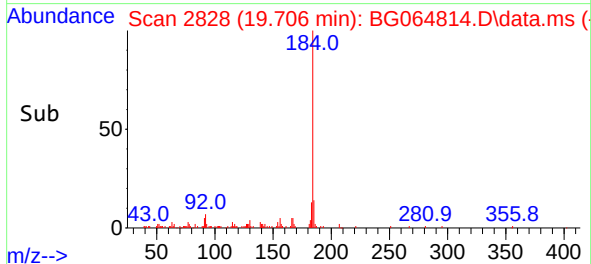
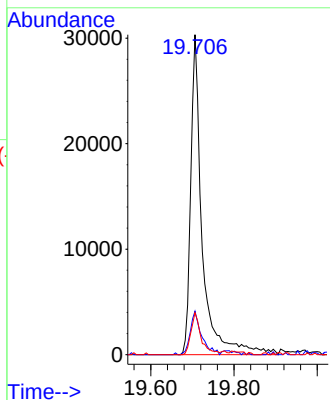
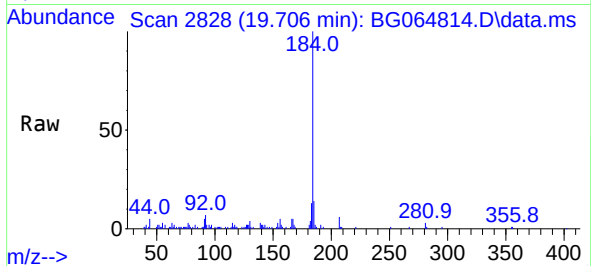




#77
Benzidine
Concen: 4.265 ng
RT: 19.706 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

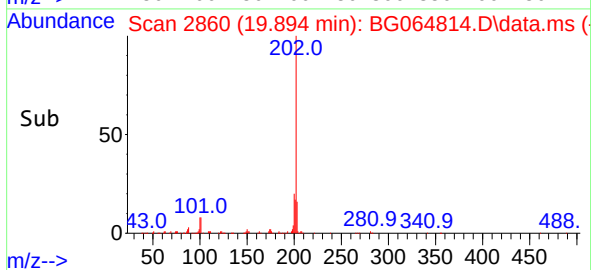
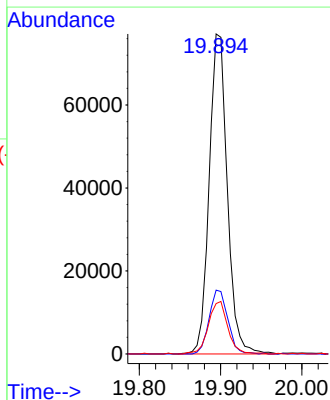
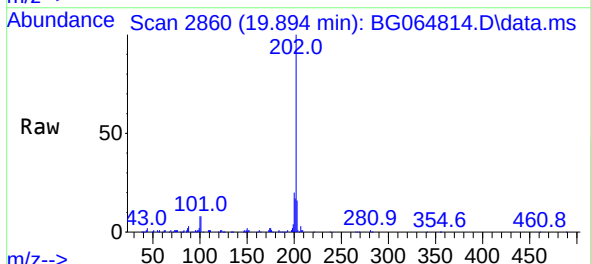
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

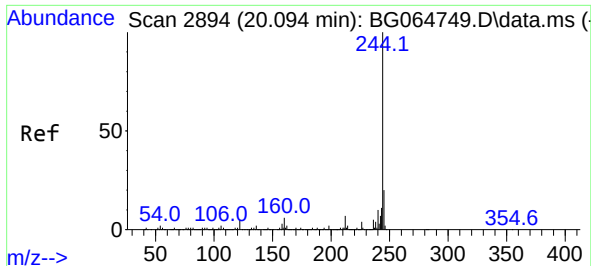
Tgt Ion:184 Resp: 58138
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 13.1 9.8 14.6



#78
Pyrene
Concen: 4.674 ng
RT: 19.894 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:202 Resp: 119251
Ion Ratio Lower Upper
202 100
200 20.0 17.9 26.9
203 15.7 14.0 21.0

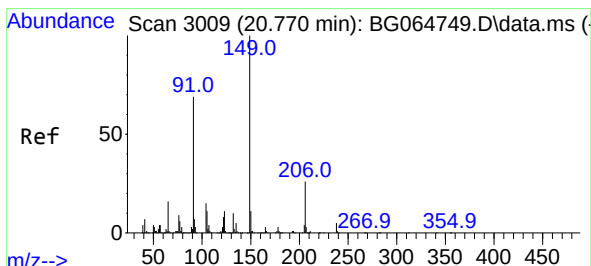
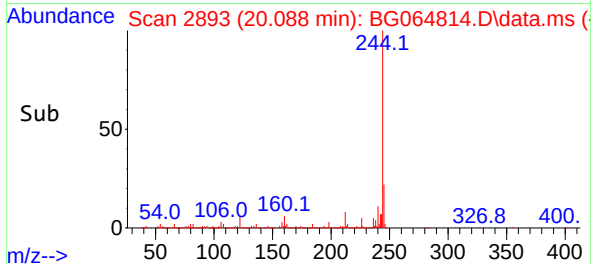
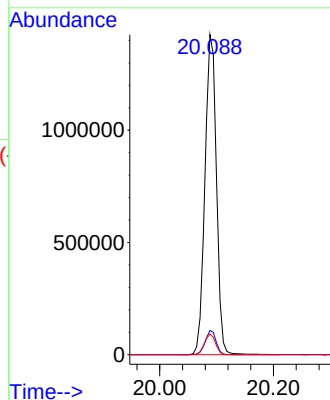
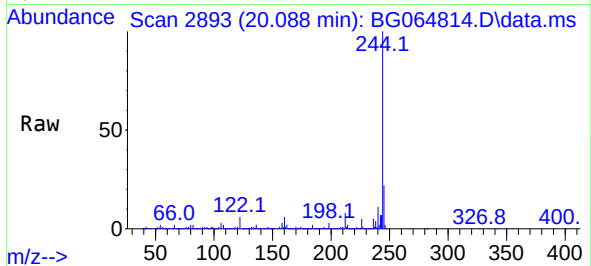




#79
 Terphenyl-d14
 Concen: 86.021 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

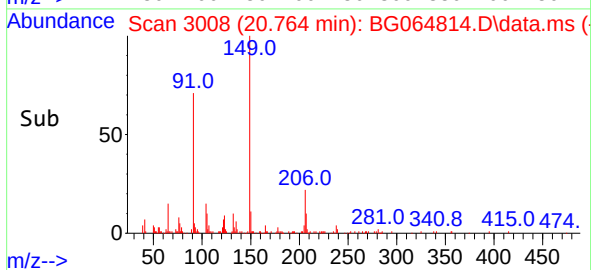
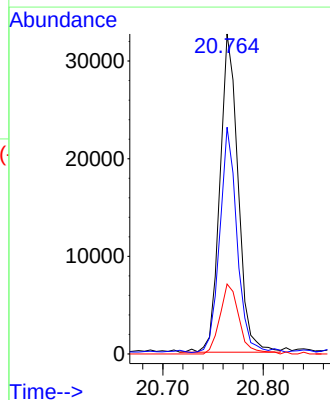
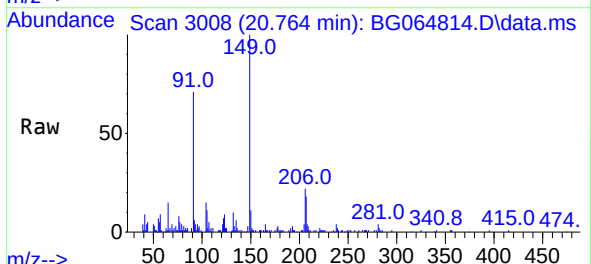
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

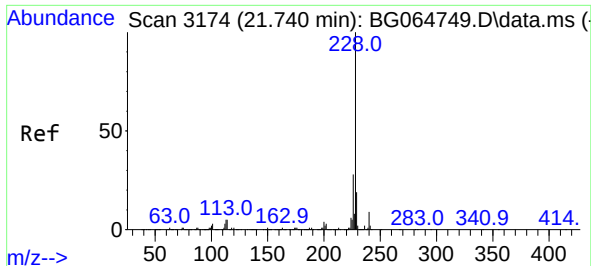
Tgt Ion:244 Resp: 1990533
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.4 4.3 6.5



#80
 Butylbenzylphthalate
 Concen: 4.578 ng
 RT: 20.764 min Scan# 3008
 Delta R.T. -0.006 min
 Lab File: BG064814.D
 Acq: 19 Nov 2025 13:51

Tgt Ion:149 Resp: 41077
 Ion Ratio Lower Upper
 149 100
 91 70.9 54.9 82.3
 206 21.9 21.2 31.8

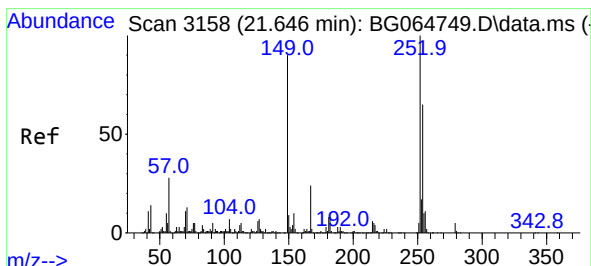
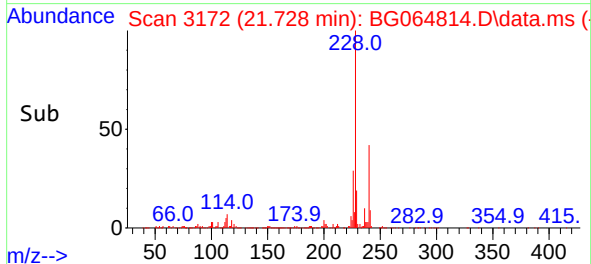
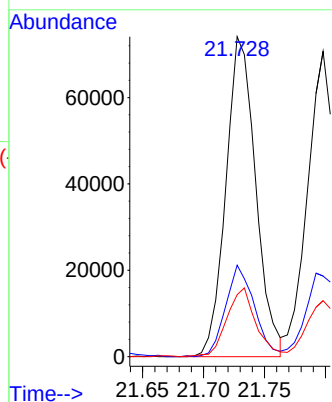
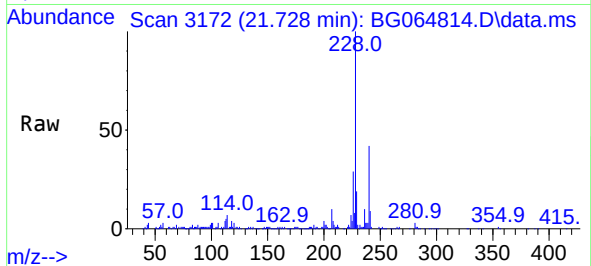




#81
Benzo(a)anthracene
Concen: 4.075 ng
RT: 21.728 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

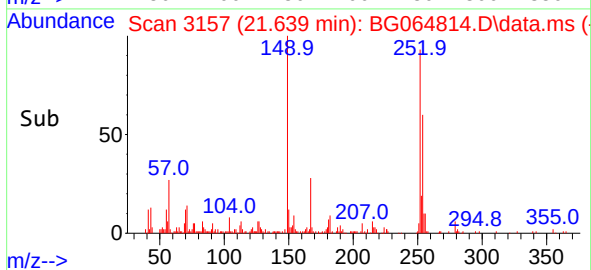
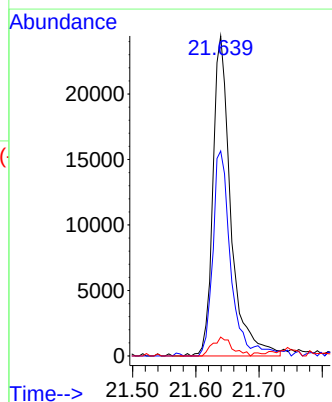
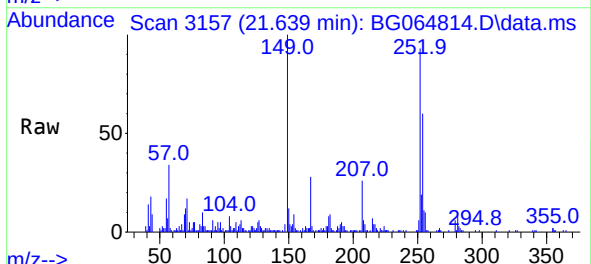
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

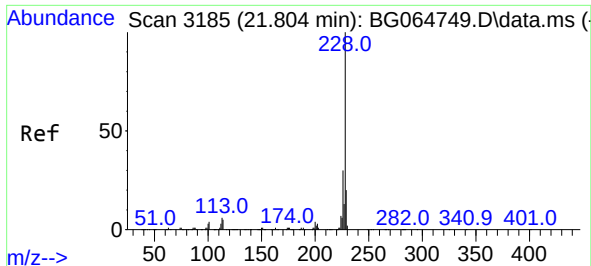
Tgt Ion:228 Resp: 126137
Ion Ratio Lower Upper
228 100
226 28.6 22.1 33.1
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 4.222 ng
RT: 21.639 min Scan# 3157
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:252 Resp: 48093
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.8
126 5.9 4.7 7.1

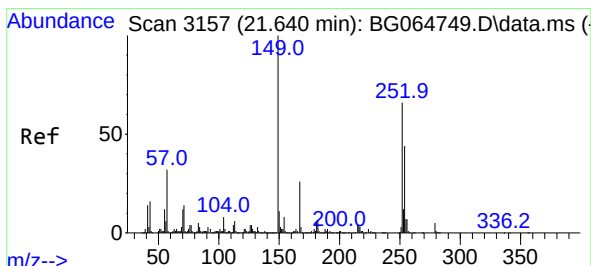
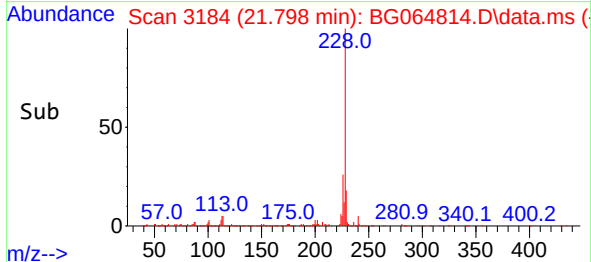
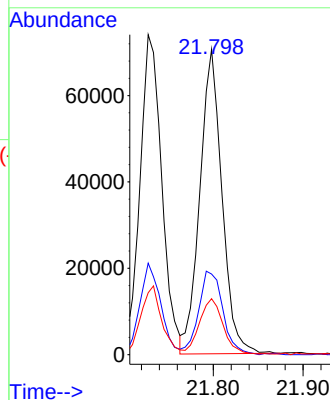
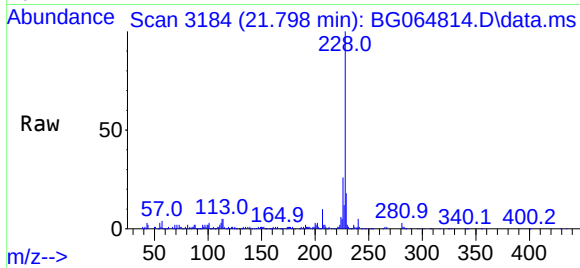




#83
Chrysene
Concen: 4.138 ng
RT: 21.798 min Scan# 3184
Delta R.T. -0.006 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

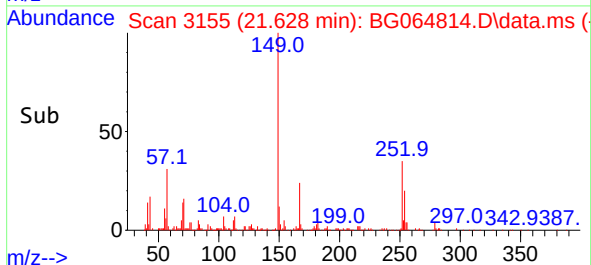
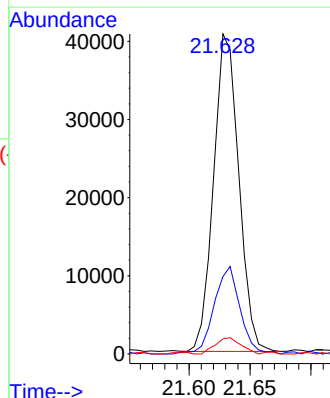
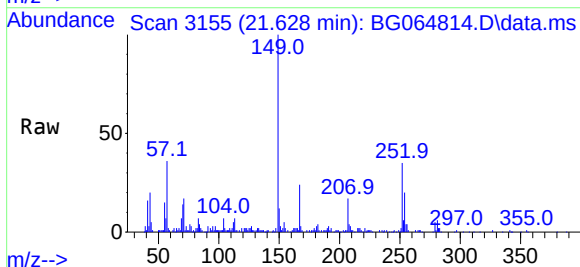
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

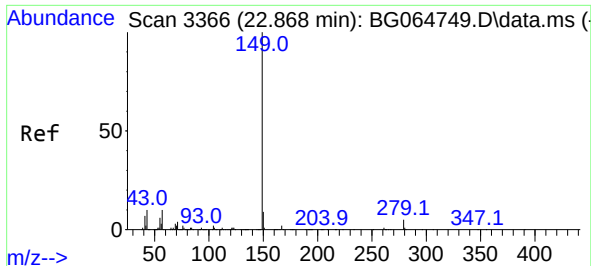
Tgt Ion:228 Resp: 120750
Ion Ratio Lower Upper
228 100
226 26.4 24.2 36.2
229 18.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.455 ng
RT: 21.628 min Scan# 3155
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:149 Resp: 58415
Ion Ratio Lower Upper
149 100
167 24.2 21.0 31.4
279 4.7 4.1 6.1

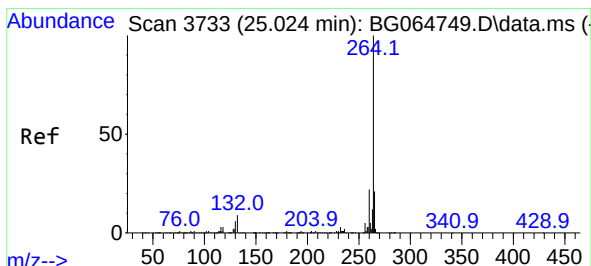
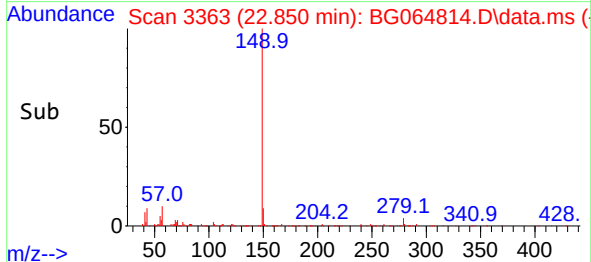
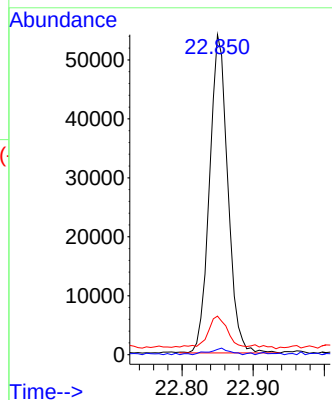
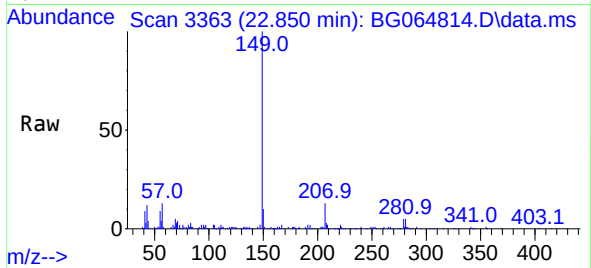




#85
Di-n-octyl phthalate
Concen: 4.250 ng
RT: 22.850 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

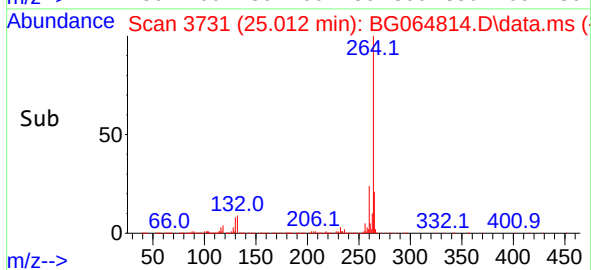
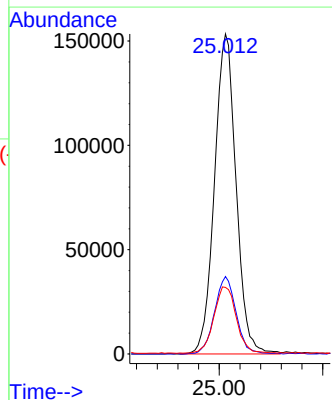
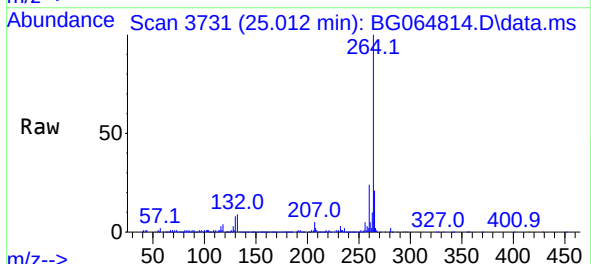
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

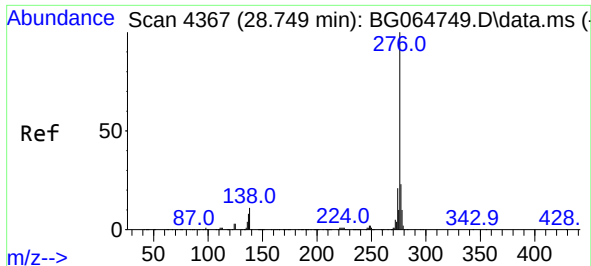
Tgt Ion:149 Resp: 96338
Ion Ratio Lower Upper
149 100
167 2.2 1.2 1.8#
43 10.4 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 3731
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:264 Resp: 443456
Ion Ratio Lower Upper
264 100
260 24.2 17.2 25.8
265 20.8 16.6 25.0

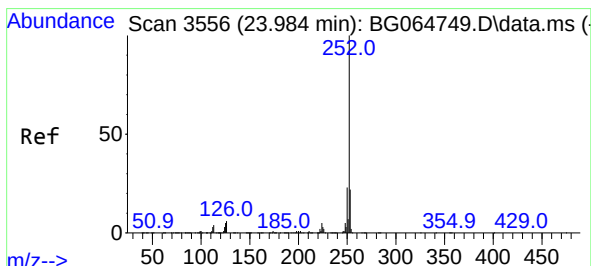
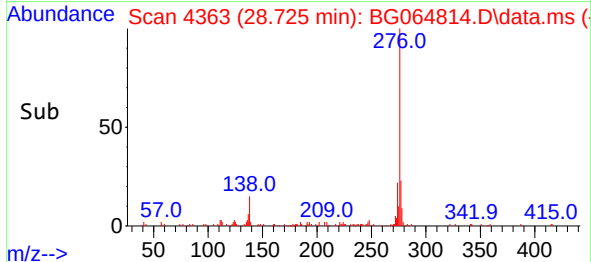
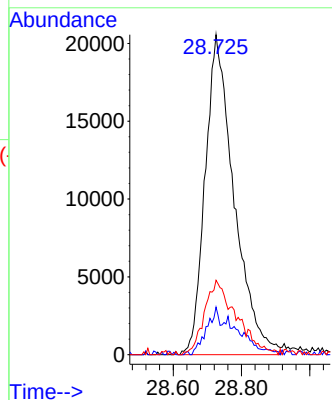
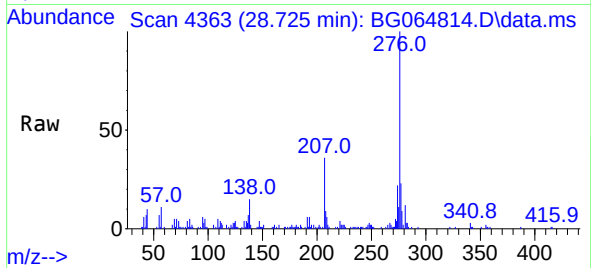




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.971 ng
RT: 28.725 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

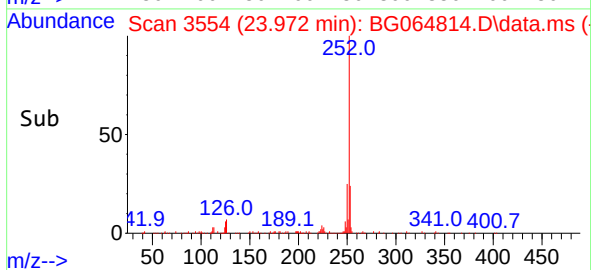
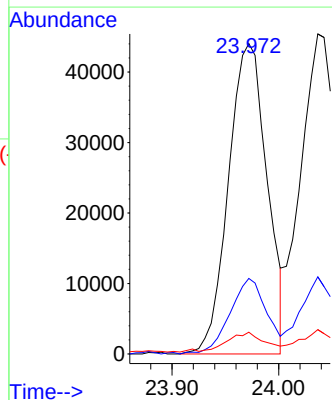
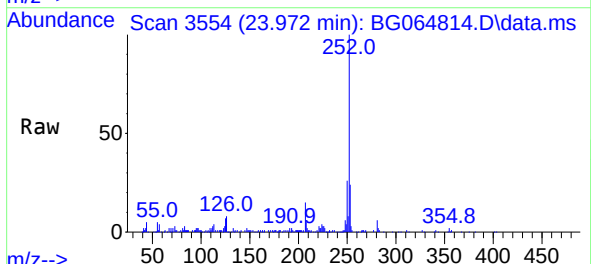
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

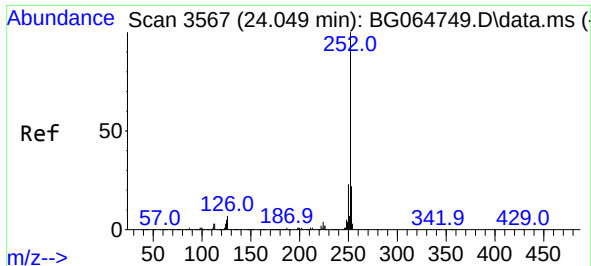
Tgt Ion:276 Resp: 120987
Ion Ratio Lower Upper
276 100
138 7.0 4.5 6.7#
277 25.7 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 3.919 ng
RT: 23.972 min Scan# 3554
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:252 Resp: 110610
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.2
125 7.0 4.2 6.2#

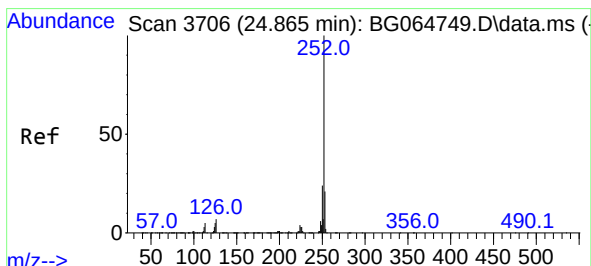
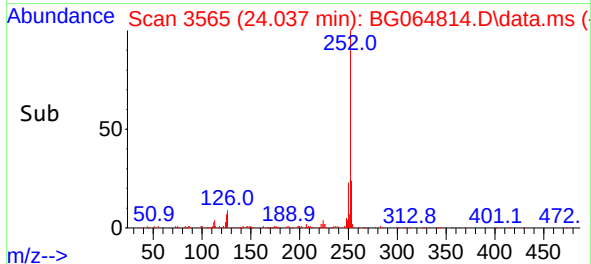
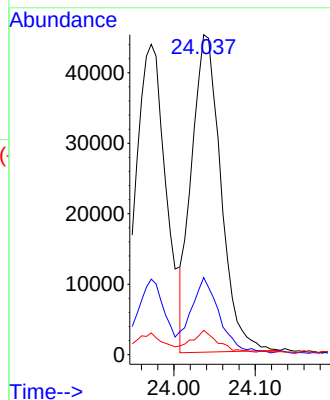
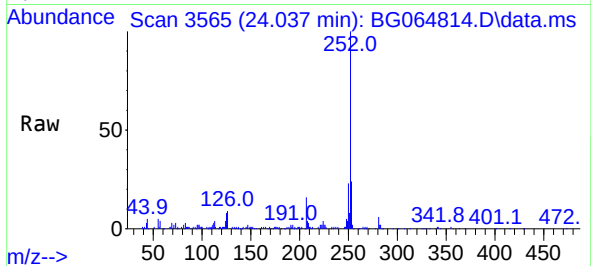




#89
Benzo(k)fluoranthene
Concen: 3.980 ng
RT: 24.037 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

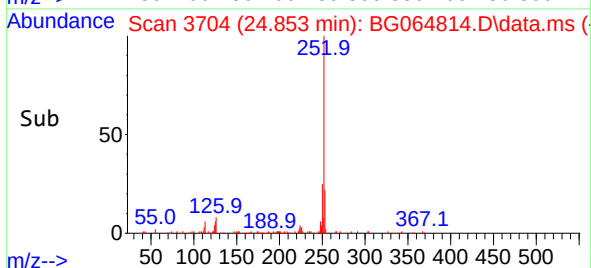
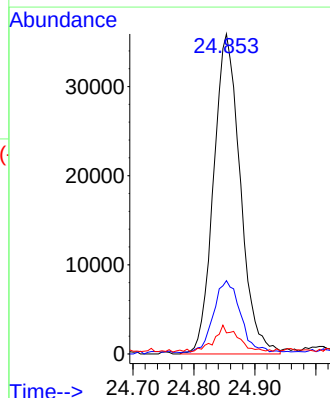
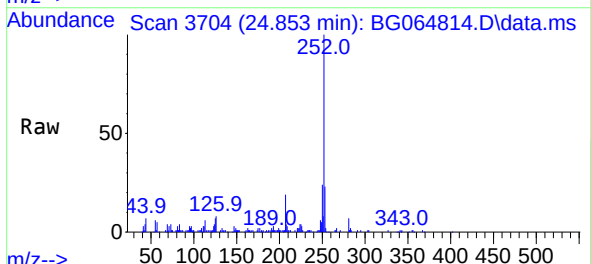
Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT4-2025

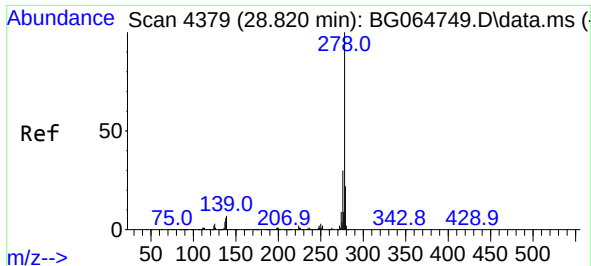
Tgt Ion:252 Resp: 112854
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 7.6 4.1 6.1#



#90
Benzo(a)pyrene
Concen: 4.166 ng
RT: 24.853 min Scan# 3704
Delta R.T. -0.012 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:252 Resp: 109047
Ion Ratio Lower Upper
252 100
253 22.9 16.9 25.3
125 6.6 4.2 6.4#

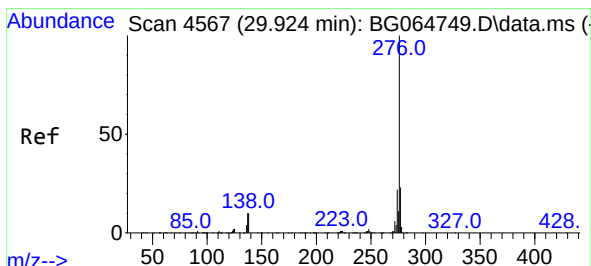
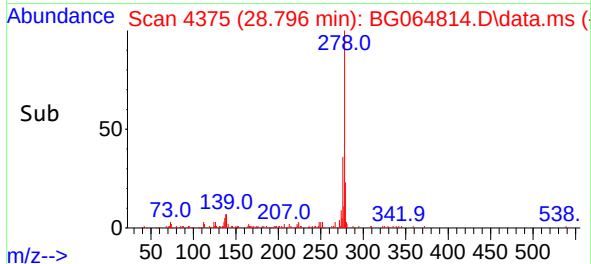
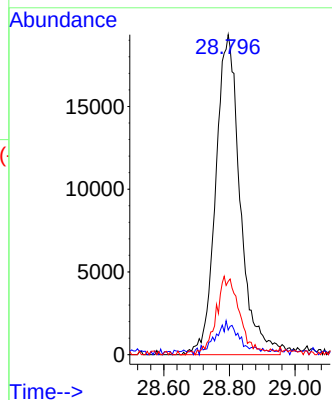
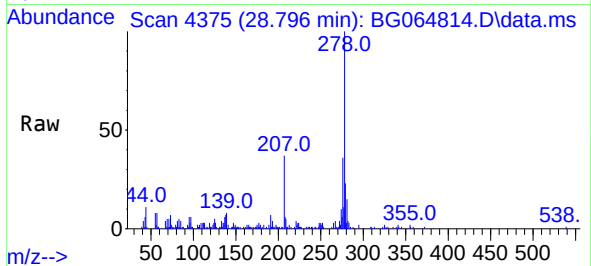




#91
Dibenzo(a,h)anthracene
Concen: 3.991 ng
RT: 28.796 min Scan# 41
Delta R.T. -0.024 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

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

Tgt Ion:	278	Resp:	99607
Ion	Ratio	Lower	Upper
278	100		
139	7.7	5.8	8.8
279	22.9	17.3	25.9



#92
Benzo(g,h,i)perylene
Concen: 3.962 ng
RT: 29.883 min Scan# 4560
Delta R.T. -0.041 min
Lab File: BG064814.D
Acq: 19 Nov 2025 13:51

Tgt Ion:	276	Resp:	95174
Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.0	27.0
138	13.8	8.2	12.2#

