

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064527.D
 Acq On : 16 Oct 2025 22:24
 Operator : RC/JU
 Sample : Q3343-04MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

Quant Time: Oct 17 10:48:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	15277	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	58903	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	43572	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	108558	20.000	ng	0.00
76) Chrysene-d12	21.413	240	130641	20.000	ng	0.00
86) Perylene-d12	24.392	264	144766	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	103760	125.697	ng	0.00
7) Phenol-d6	6.995	99	125552	113.180	ng	0.00
23) Nitrobenzene-d5	8.975	82	98714	90.112	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	113128	143.236	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	264648	89.528	ng	0.00
79) Terphenyl-d14	19.809	244	590318	85.515	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.329	88	9698	29.702	ng	# 47
3) Pyridine	3.722	79	24908	28.385	ng	96
4) n-Nitrosodimethylamine	3.628	42	25853	40.640	ng	97
6) Aniline	7.148	93	29102	20.798	ng	96
8) 2-Chlorophenol	7.389	128	42165	41.597	ng	96
9) Benzaldehyde	6.960	77	16122	16.372	ng	94
10) Phenol	7.024	94	43490	37.164	ng	95
11) bis(2-Chloroethyl)ether	7.242	93	30826	38.897	ng	98
12) 1,3-Dichlorobenzene	7.706	146	43801	39.501	ng	99
13) 1,4-Dichlorobenzene	7.853	146	45553	40.933	ng	89
14) 1,2-Dichlorobenzene	8.170	146	43263	39.444	ng	98
15) Benzyl Alcohol	8.058	79	42481	41.583	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.346	45	46723	36.576	ng	96
17) 2-Methylphenol	8.264	107	35133	41.461	ng	97
18) Hexachloroethane	8.893	117	15938	36.283	ng	92
19) n-Nitroso-di-n-propyla...	8.622	70	30438	41.028	ng	100
20) 3+4-Methylphenols	8.593	107	48277	40.826	ng	92
22) Acetophenone	8.634	105	70118	49.164	ng	99
24) Nitrobenzene	9.010	77	48519	44.415	ng	97
25) Isophorone	9.539	82	87423	44.052	ng	98
26) 2-Nitrophenol	9.721	139	24625	45.292	ng	94
27) 2,4-Dimethylphenol	9.792	122	42053	50.641	ng	94
28) bis(2-Chloroethoxy)met...	10.021	93	44988	44.473	ng	97
29) 2,4-Dichlorophenol	10.262	162	44936	46.795	ng	96
30) 1,2,4-Trichlorobenzene	10.473	180	48980	46.779	ng	97
31) Naphthalene	10.655	128	133409	43.983	ng	99
32) Benzoic acid	9.921	122	15301m	23.999	ng	
33) 4-Chloroaniline	10.773	127	8376	7.196	ng	# 89
34) Hexachlorobutadiene	10.943	225	38365	42.785	ng	95
35) Caprolactam	11.531	113	13142m	39.976	ng	
36) 4-Chloro-3-methylphenol	11.901	107	52886	45.287	ng	99
37) 2-Methylnaphthalene	12.265	142	94133	40.429	ng	95
38) 1-Methylnaphthalene	12.488	142	98240m	42.314	ng	
40) 1,2,4,5-Tetrachloroben...	12.635	216	74613	53.035	ng	98
41) Hexachlorocyclopentadiene	12.618	237	82156	111.637	ng	94
43) 2,4,6-Trichlorophenol	12.882	196	44653	49.650	ng	98

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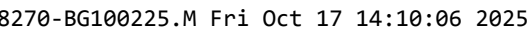
Instrument :
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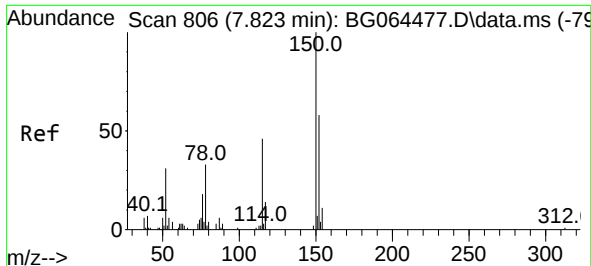
Quant Time: Oct 17 10:48:48 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.953	196	48028	47.834	ng	94
46) 1,1'-Biphenyl	13.282	154	160896	51.341	ng	98
47) 2-Chloronaphthalene	13.323	162	107565	45.972	ng	94
48) 2-Nitroaniline	13.523	65	37191	46.572	ng	94
49) Acenaphthylene	14.169	152	183627	52.868	ng	98
50) Dimethylphthalate	13.904	163	153493	44.979	ng	99
51) 2,6-Dinitrotoluene	14.022	165	34356	48.329	ng	90
52) Acenaphthene	14.510	154	108426	44.932	ng	98
53) 3-Nitroaniline	14.351	138	13432	20.488	ng #	95
54) 2,4-Dinitrophenol	14.563	184	29249	56.742	ng #	82
55) Dibenzofuran	14.845	168	187822	47.140	ng	98
56) 4-Nitrophenol	14.674	139	47719	92.448	ng	85
57) 2,4-Dinitrotoluene	14.815	165	53852	49.555	ng	99
58) Fluorene	15.491	166	158683	47.906	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.074	232	53751m	52.456	ng	
60) Diethylphthalate	15.273	149	164520	44.940	ng #	96
61) 4-Chlorophenyl-phenyle...	15.491	204	83978	46.438	ng	94
62) 4-Nitroaniline	15.520	138	33746	49.386	ng #	79
63) Azobenzene	15.785	77	132029	46.568	ng	97
65) 4,6-Dinitro-2-methylph...	15.579	198	29028	38.404	ng	98
66) n-Nitrosodiphenylamine	15.702	169	134887	46.530	ng	96
67) 4-Bromophenyl-phenylether	16.384	248	61433	48.089	ng	84
68) Hexachlorobenzene	16.496	284	71610	48.988	ng	97
69) Atrazine	16.654	200	64376	49.914	ng	95
70) Pentachlorophenol	16.842	266	83602	97.814	ng	96
71) Phenanthrene	17.230	178	268154	47.234	ng	100
72) Anthracene	17.318	178	274614	48.218	ng	100
73) Carbazole	17.588	167	252029	51.196	ng	99
74) Di-n-butylphthalate	18.152	149	297010	49.423	ng	99
75) Fluoranthene	19.239	202	348099	51.326	ng	98
77) Benzidine	19.427	184	31673	9.743	ng #	93
78) Pyrene	19.604	202	366725	43.255	ng	99
80) Butylbenzylphthalate	20.497	149	141970	47.238	ng	98
81) Benzo(a)anthracene	21.396	228	393455	47.168	ng	100
82) 3,3'-Dichlorobenzidine	21.319	252	62990	22.311	ng #	95
83) Chrysene	21.460	228	370958	46.893	ng	98
84) Bis(2-ethylhexyl)phtha...	21.319	149	207529	48.940	ng #	95
85) Di-n-octyl phthalate	22.442	149	351670	49.344	ng	99
87) Indeno(1,2,3-cd)pyrene	27.753	276	487622	48.391	ng #	92
88) Benzo(b)fluoranthene	23.458	252	408762m	49.633	ng	
89) Benzo(k)fluoranthene	23.523	252	401442	48.397	ng	98
90) Benzo(a)pyrene	24.257	252	381809	50.302	ng	97
91) Dibenzo(a,h)anthracene	27.806	278	403853	50.116	ng #	97
92) Benzo(g,h,i)perylene	28.799	276	395429	50.495	ng	98

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

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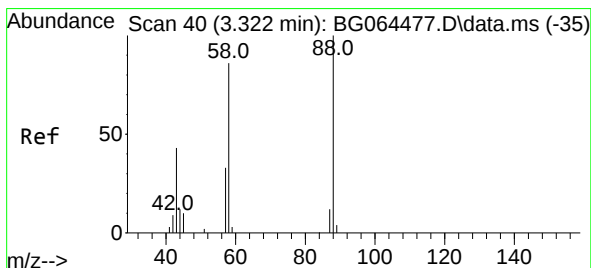
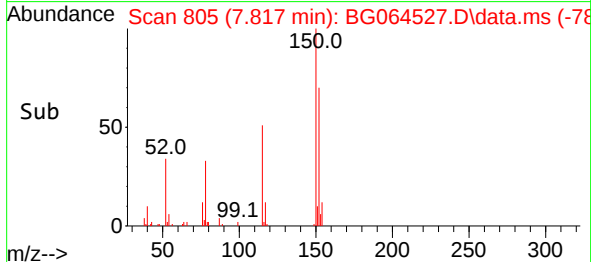
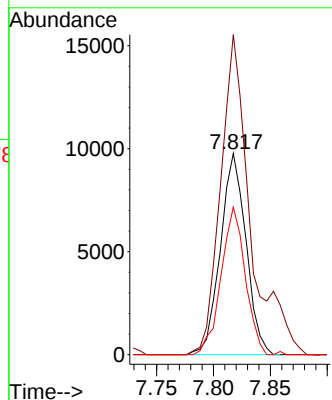
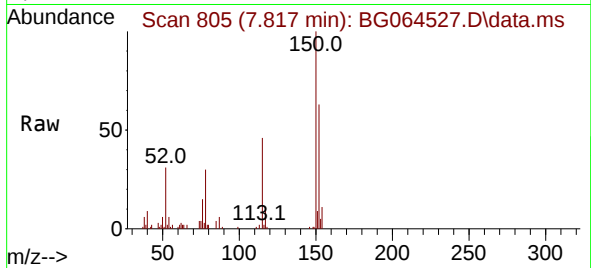




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

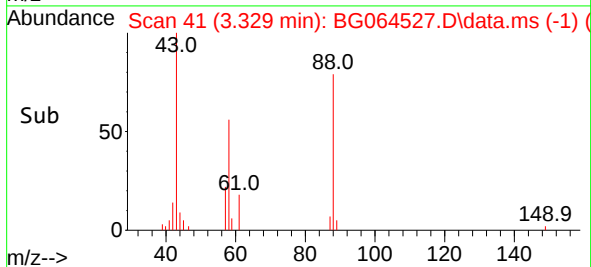
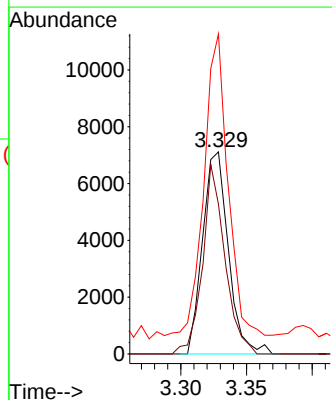
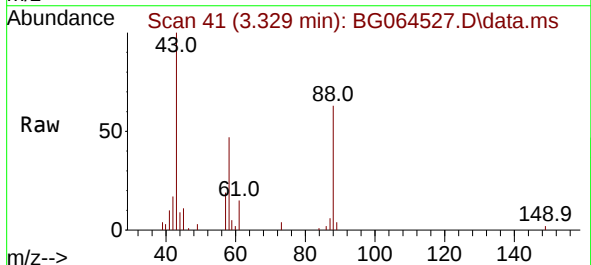
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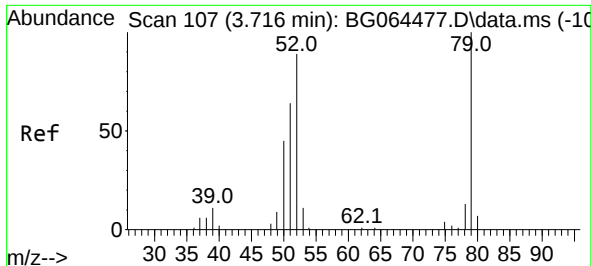
Tgt Ion:152 Resp: 15277
 Ion Ratio Lower Upper
 152 100
 150 159.0 138.6 207.8
 115 73.4 63.4 95.2



#2
 1,4-Dioxane
 Concen: 29.702 ng
 RT: 3.329 min Scan# 41
 Delta R.T. 0.009 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

Tgt Ion: 88 Resp: 9698
 Ion Ratio Lower Upper
 88 100
 58 81.2 69.8 104.6
 43 139.1 37.4 56.0#

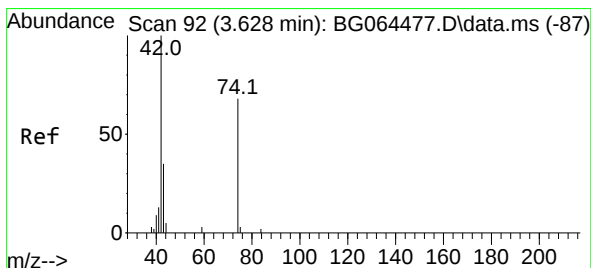
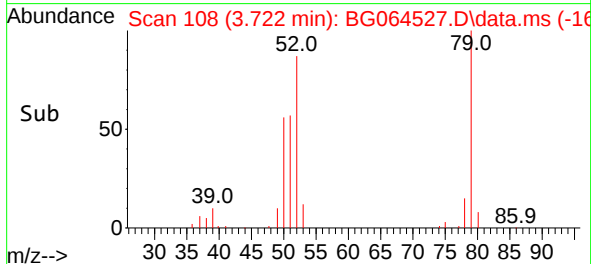
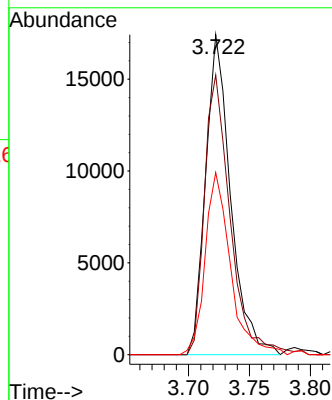
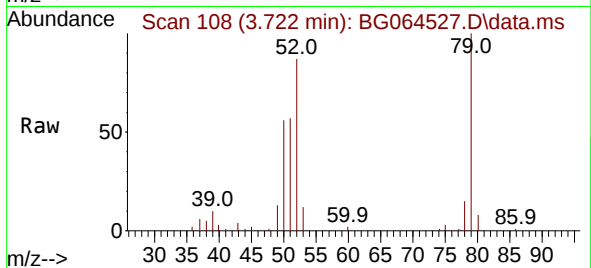




#3
Pyridine
Concen: 28.385 ng
RT: 3.722 min Scan# 108
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

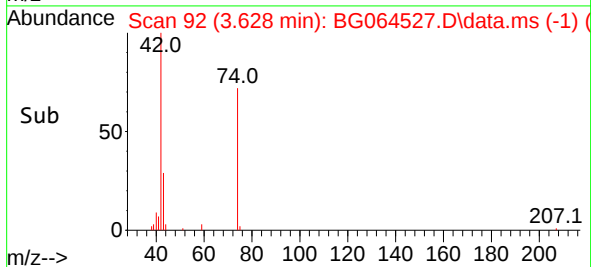
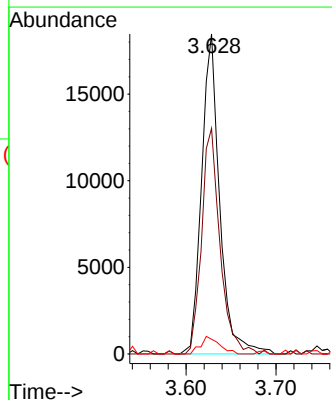
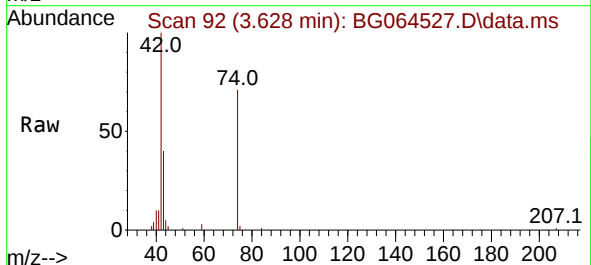
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

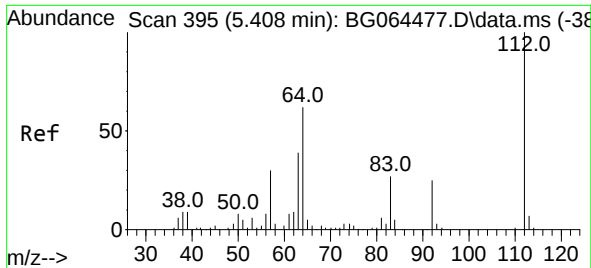
Tgt Ion: 79 Resp: 24908
Ion Ratio Lower Upper
79 100
52 87.4 71.0 106.4
51 56.9 51.0 76.6



#4
n-Nitrosodimethylamine
Concen: 40.640 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 42 Resp: 25853
Ion Ratio Lower Upper
42 100
74 70.5 54.2 81.4
44 4.6 4.2 6.2

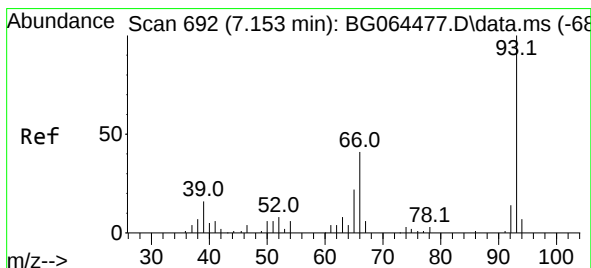
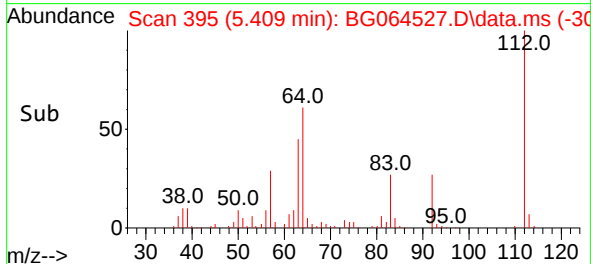
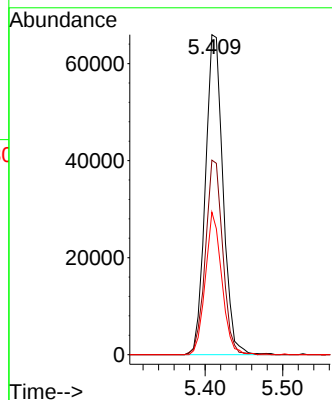
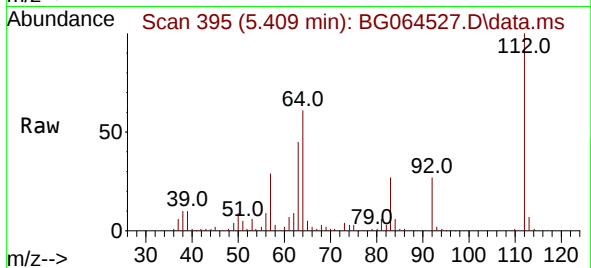




#5
2-Fluorophenol
Concen: 125.697 ng
RT: 5.409 min Scan# 395
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

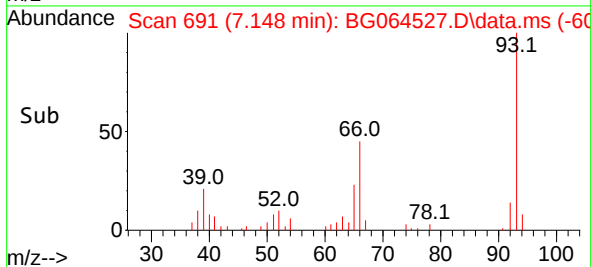
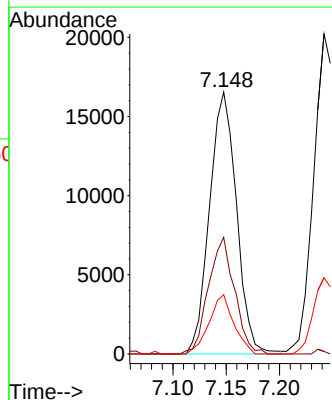
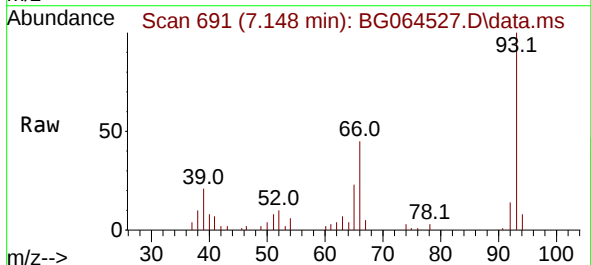
Instrument :
BNA_G
ClientSampleId :
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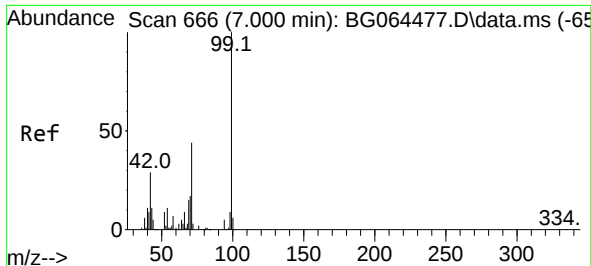
Tgt Ion:112 Resp: 103760
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.8
63 44.6 31.3 46.9



#6
Aniline
Concen: 20.798 ng
RT: 7.148 min Scan# 691
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 93 Resp: 29102
Ion Ratio Lower Upper
93 100
66 44.6 33.0 49.4
65 22.6 17.5 26.3

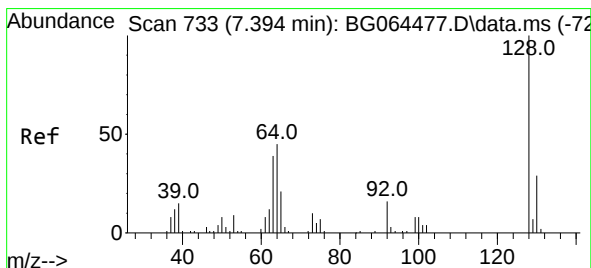
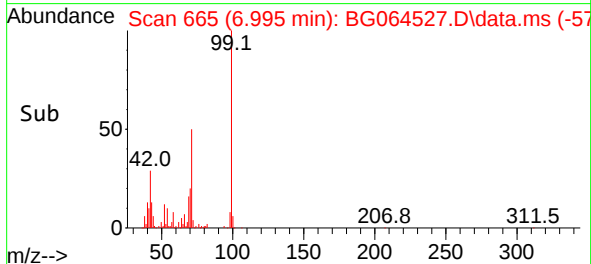
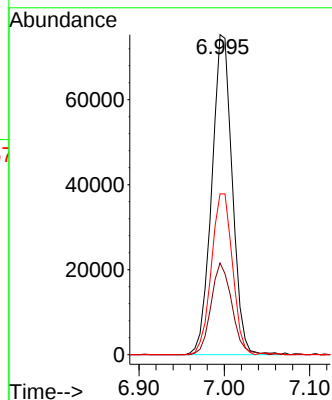
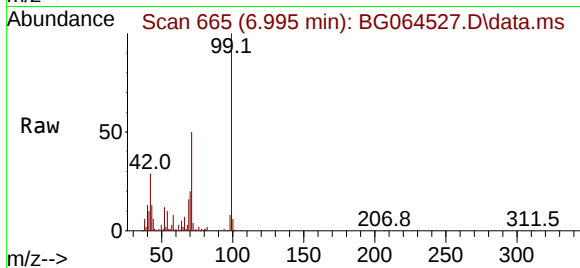




#7
Phenol-d6
Concen: 113.180 ng
RT: 6.995 min Scan# 666
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

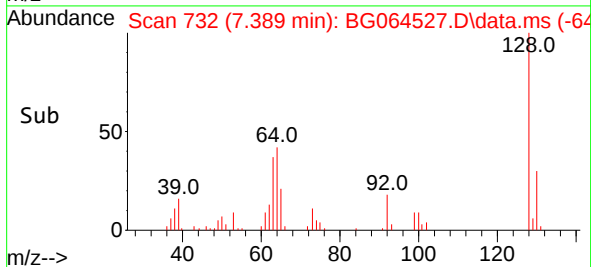
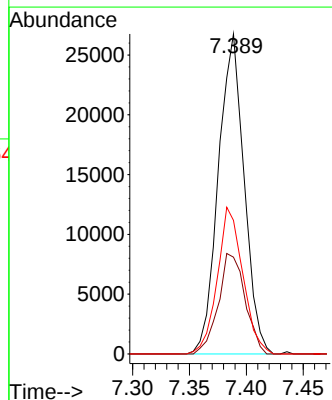
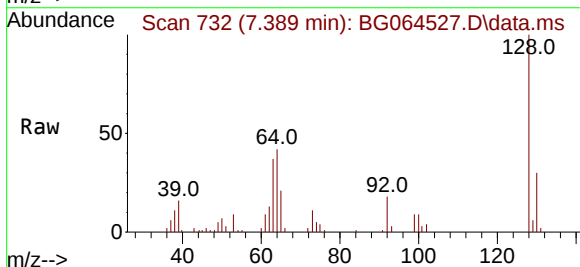
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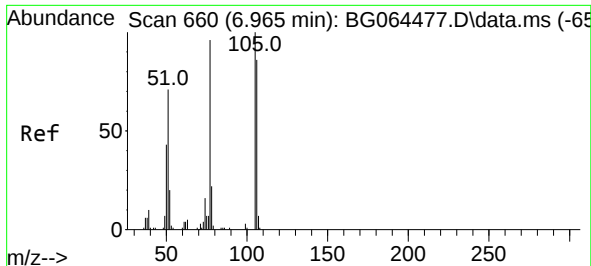
Tgt Ion: 99 Resp: 125552
Ion Ratio Lower Upper
99 100
42 28.7 22.9 34.3
71 50.2 35.4 53.2



#8
2-Chlorophenol
Concen: 41.597 ng
RT: 7.389 min Scan# 732
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:128 Resp: 42165
Ion Ratio Lower Upper
128 100
130 30.3 9.2 49.2
64 41.7 25.5 65.5

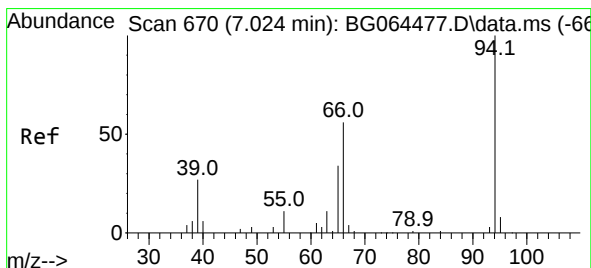
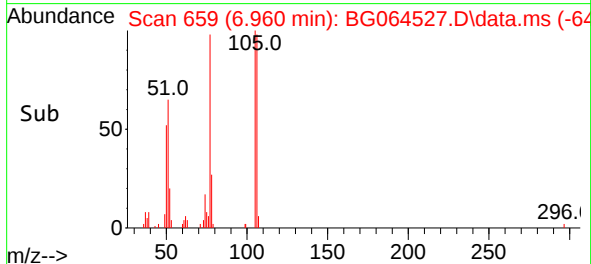
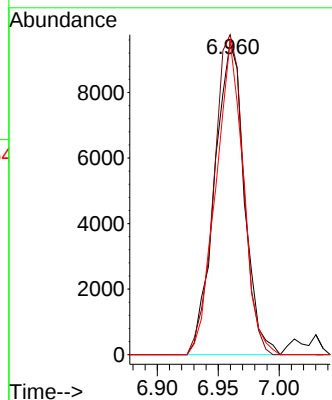
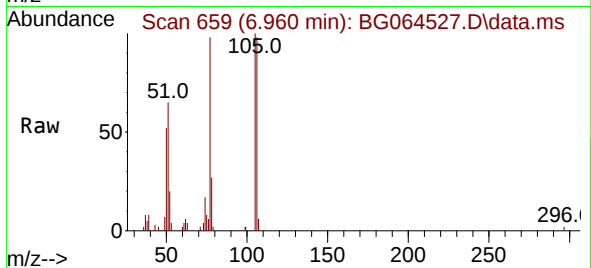




#9
Benzaldehyde
Concen: 16.372 ng
RT: 6.960 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

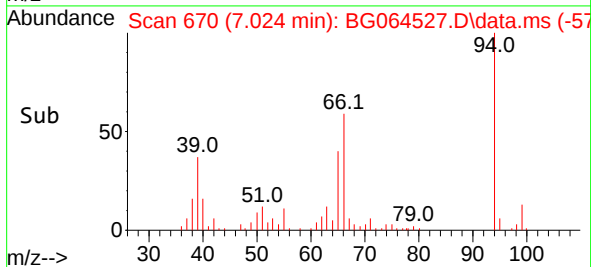
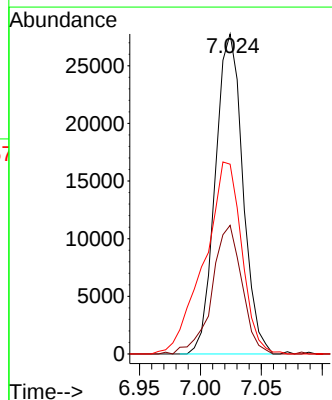
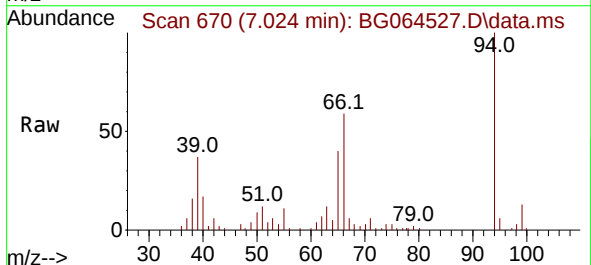
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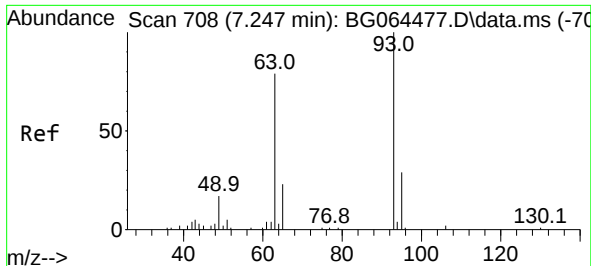
Tgt Ion: 77 Resp: 16122
Ion Ratio Lower Upper
77 100
105 102.3 83.7 123.7
106 100.5 69.4 109.4



#10
Phenol
Concen: 37.164 ng
RT: 7.024 min Scan# 670
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 94 Resp: 43490
Ion Ratio Lower Upper
94 100
65 40.2 14.8 54.8
66 59.3 41.4 81.4

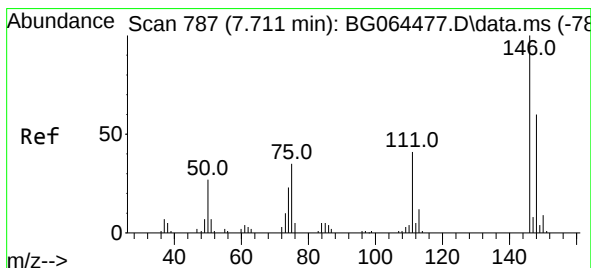
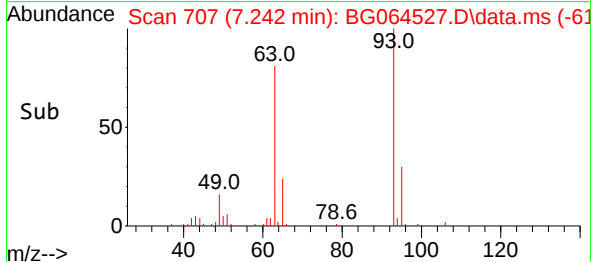
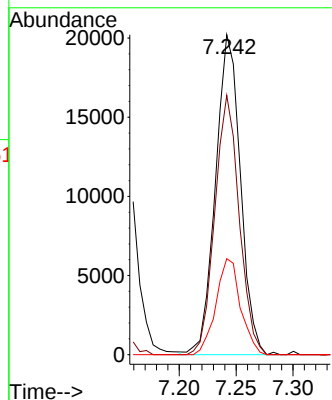
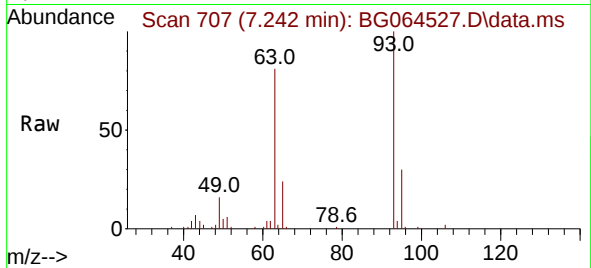




#11
bis(2-Chloroethyl)ether
Concen: 38.897 ng
RT: 7.242 min Scan# 708
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

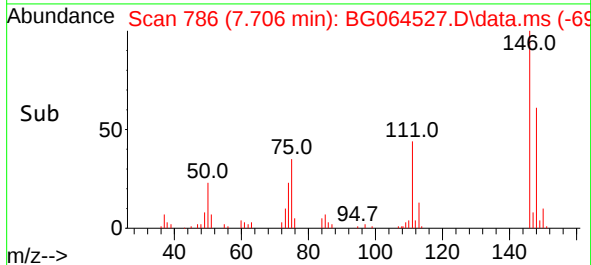
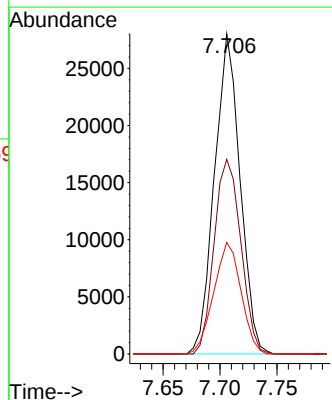
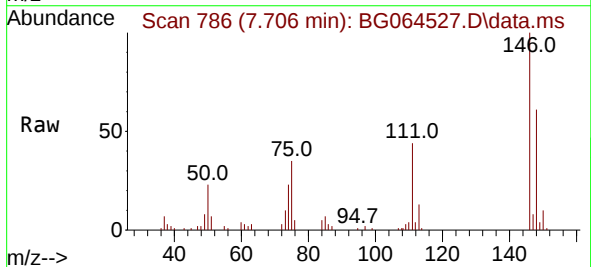
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

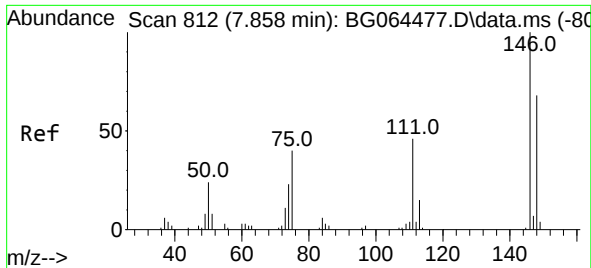
Tgt Ion: 93 Resp: 30826
Ion Ratio Lower Upper
93 100
63 81.0 59.5 99.5
95 30.0 8.8 48.8



#12
1,3-Dichlorobenzene
Concen: 39.501 ng
RT: 7.706 min Scan# 786
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:146 Resp: 43801
Ion Ratio Lower Upper
146 100
148 60.8 48.4 72.6
75 34.8 28.3 42.5

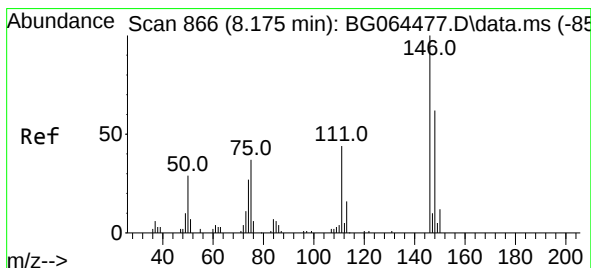
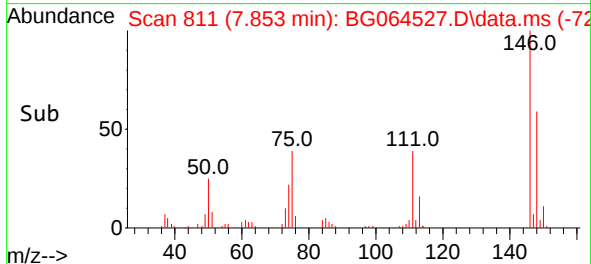
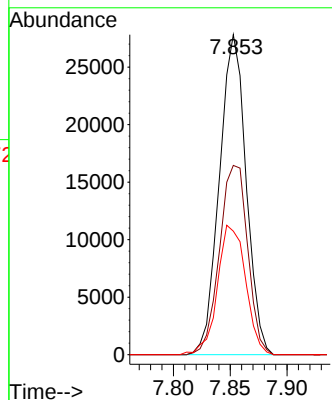
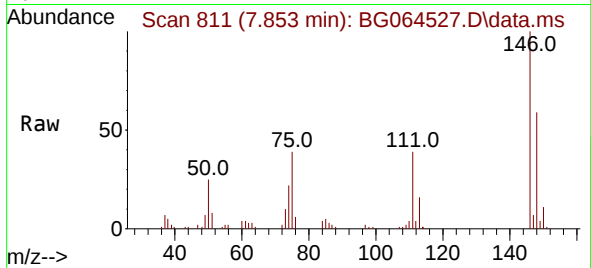




#13
1,4-Dichlorobenzene
Concen: 40.933 ng
RT: 7.853 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

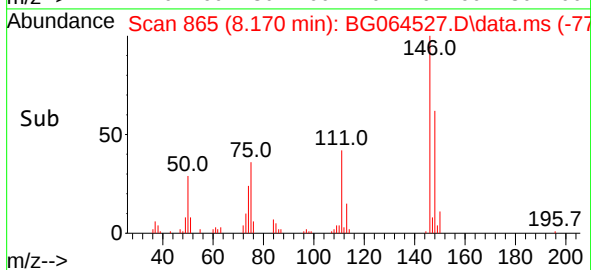
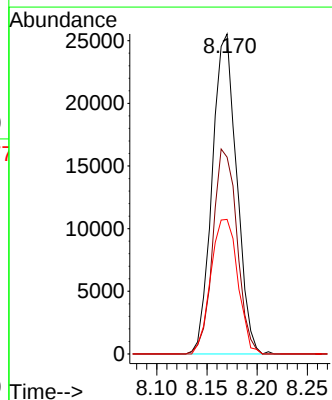
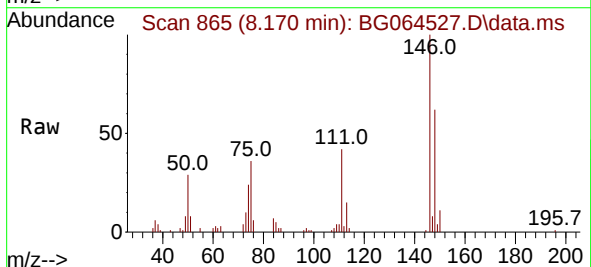
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

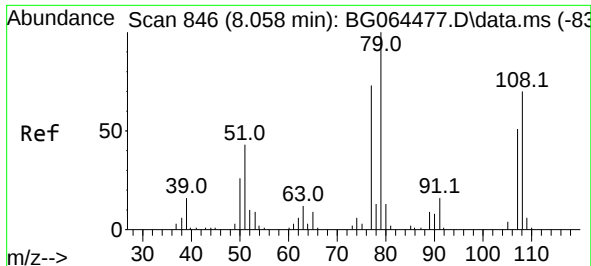
Tgt Ion:146 Resp: 45553
Ion Ratio Lower Upper
146 100
148 59.2 54.4 81.6
111 38.6 36.5 54.7



#14
1,2-Dichlorobenzene
Concen: 39.444 ng
RT: 8.170 min Scan# 865
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:146 Resp: 43263
Ion Ratio Lower Upper
146 100
148 61.5 50.0 75.0
111 42.0 35.0 52.4

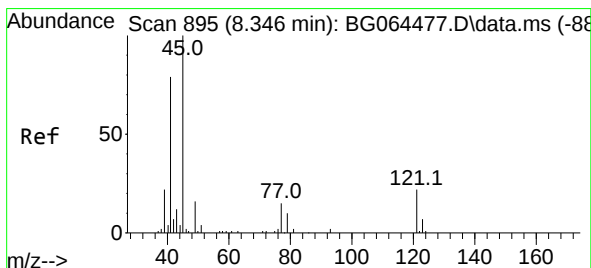
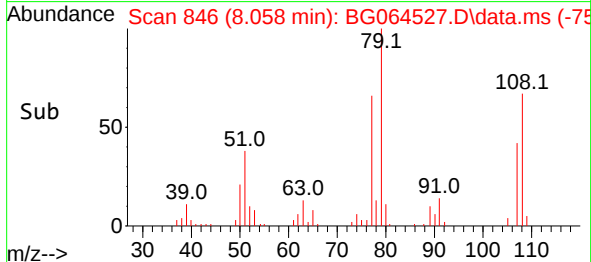
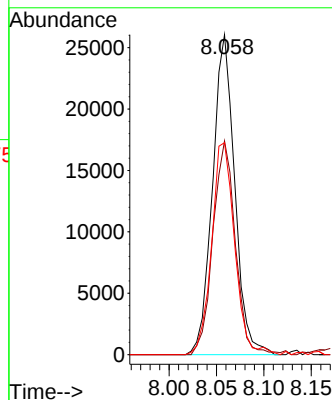
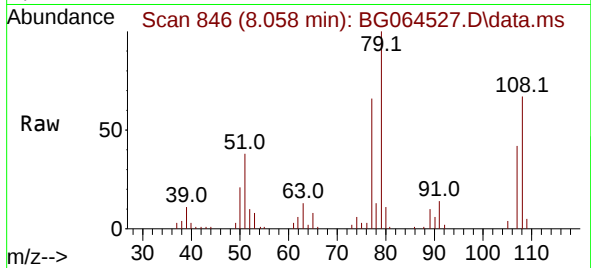




#15
Benzyl Alcohol
Concen: 41.583 ng
RT: 8.058 min Scan# 846
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

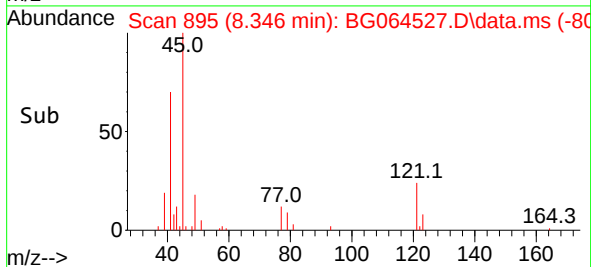
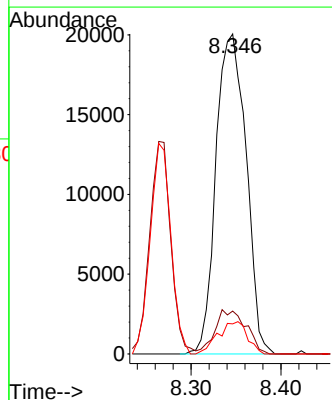
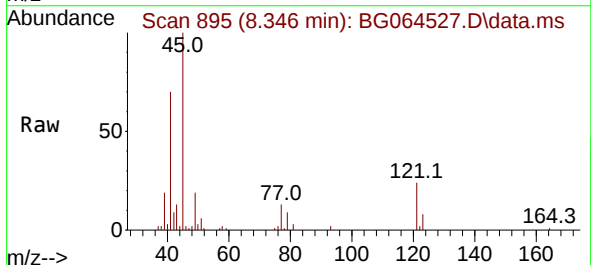
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

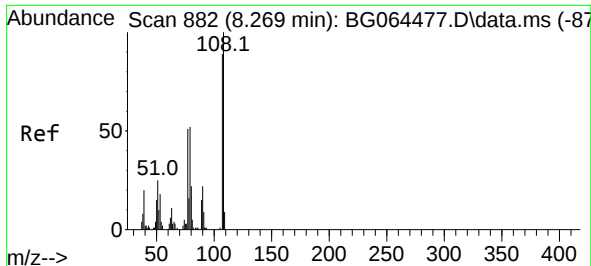
Tgt Ion: 79 Resp: 42481
Ion Ratio Lower Upper
79 100
108 66.8 56.4 84.6
77 66.2 58.3 87.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.576 ng
RT: 8.346 min Scan# 895
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 45 Resp: 46723
Ion Ratio Lower Upper
45 100
77 13.4 0.0 35.6
79 9.4 0.0 30.7





#17

2-Methylphenol

Concen: 41.461 ng

RT: 8.264 min Scan# 81

Delta R.T. 0.003 min

Lab File: BG064527.D

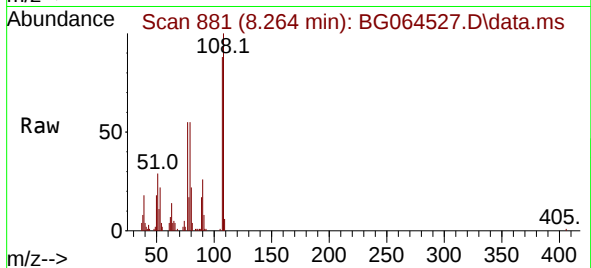
Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS



Tgt Ion:107 Resp: 35133

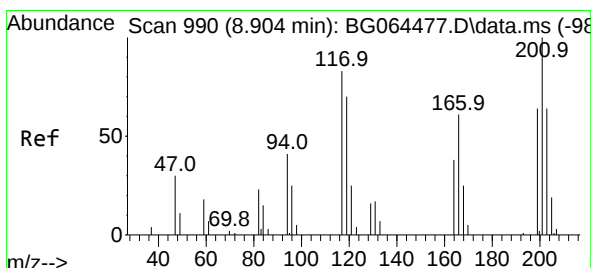
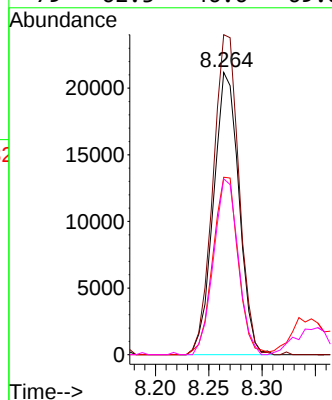
Ion Ratio Lower Upper

107 100

108 113.4 90.3 135.5

77 62.9 46.0 69.0

79 62.3 46.6 69.8



#18

Hexachloroethane

Concen: 36.283 ng

RT: 8.893 min Scan# 988

Delta R.T. -0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

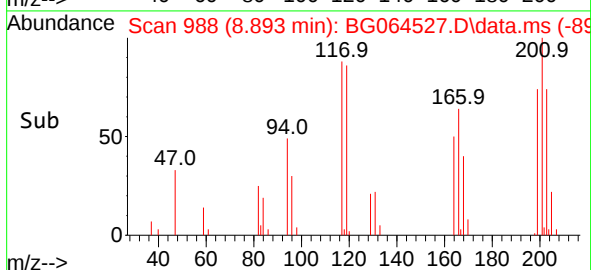
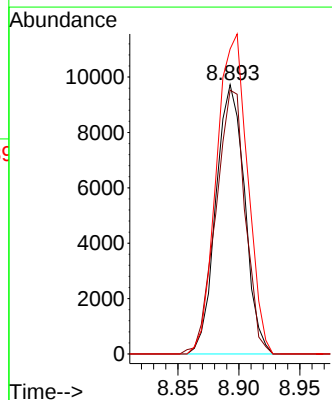
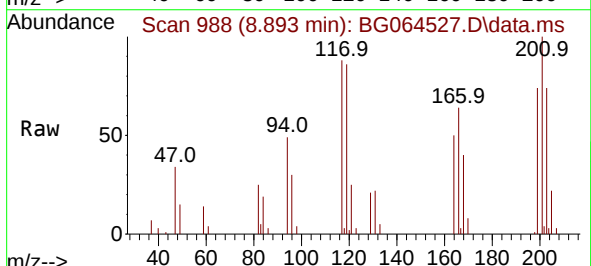
Tgt Ion:117 Resp: 15938

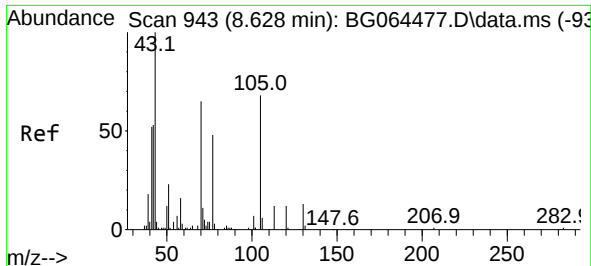
Ion Ratio Lower Upper

117 100

119 98.0 67.4 101.0

201 117.6 95.9 143.9

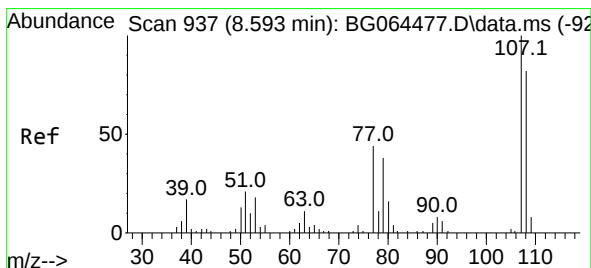
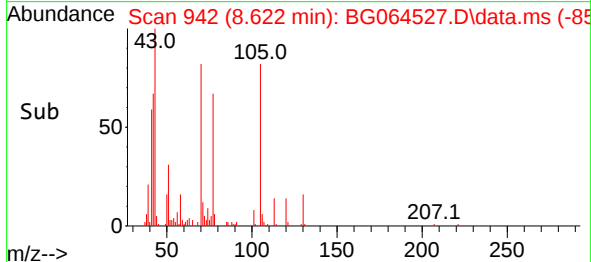
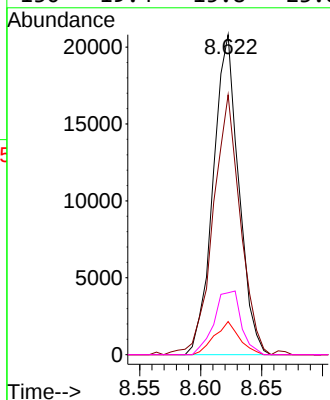
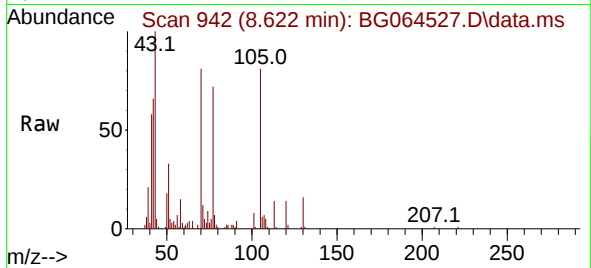




#19
n-Nitroso-di-n-propylamine
Concen: 41.028 ng
RT: 8.622 min Scan# 943
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

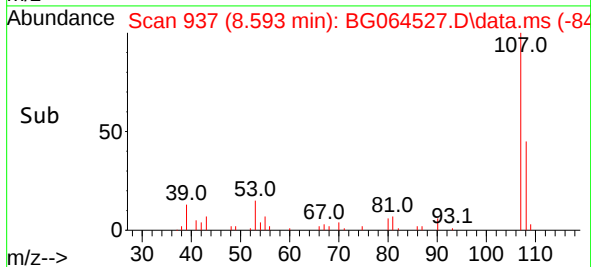
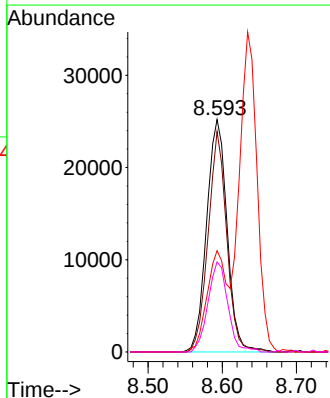
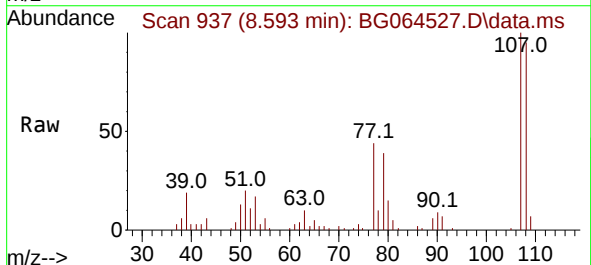
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

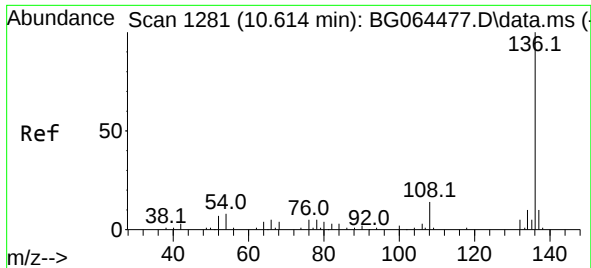
Tgt Ion:	70	Resp:	30438
Ion	Ratio	Lower	Upper
70	100		
42	81.2	64.9	97.3
101	10.3	8.7	13.1
130	19.4	15.8	23.8



#20
3+4-Methylphenols
Concen: 40.826 ng
RT: 8.593 min Scan# 937
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:	107	Resp:	48277
Ion	Ratio	Lower	Upper
107	100		
108	94.9	62.1	102.1
77	43.6	23.5	63.5
79	38.7	17.8	57.8

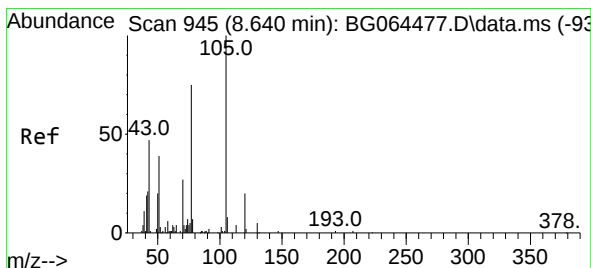
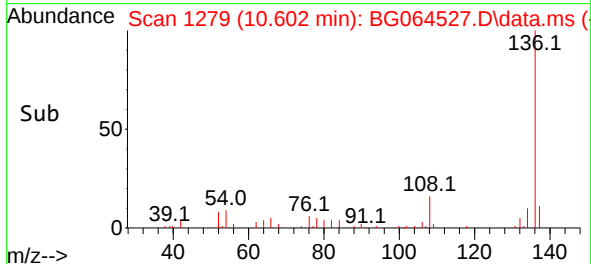
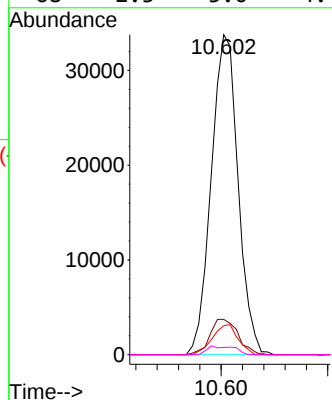
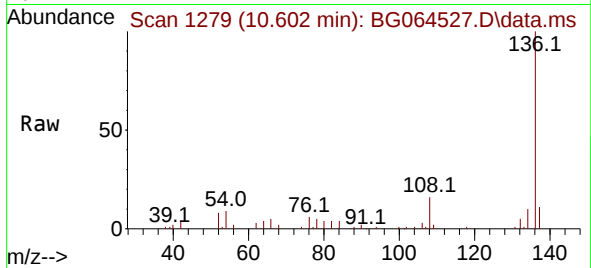




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

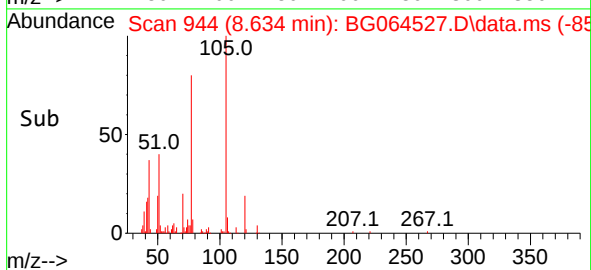
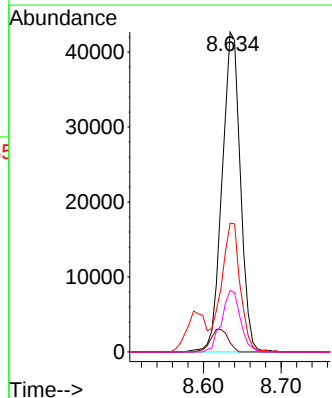
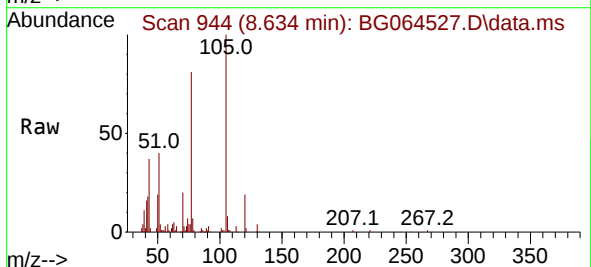
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

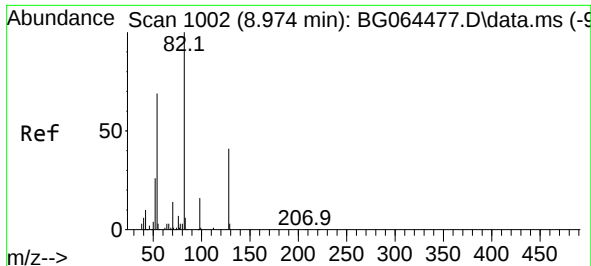
Tgt Ion:136	Resp:	58903
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.3 12.5
54	9.1	6.2 9.4
68	2.3	3.0 4.4#



#22
Acetophenone
Concen: 49.164 ng
RT: 8.634 min Scan# 944
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:105	Resp:	70118
Ion Ratio	Lower	Upper
105	100	
71	2.9	2.8 4.2
51	40.2	33.0 49.4
120	19.2	15.8 23.6

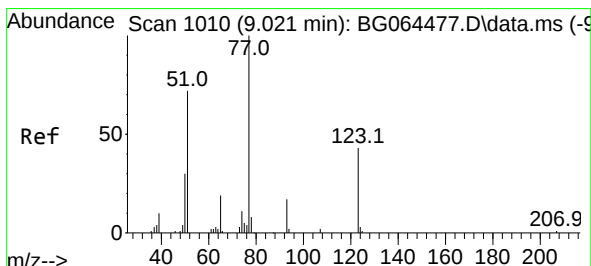
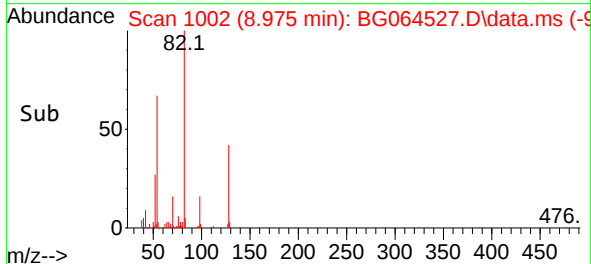
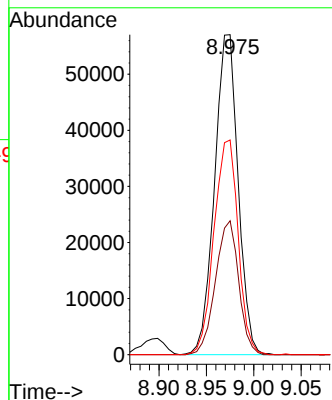
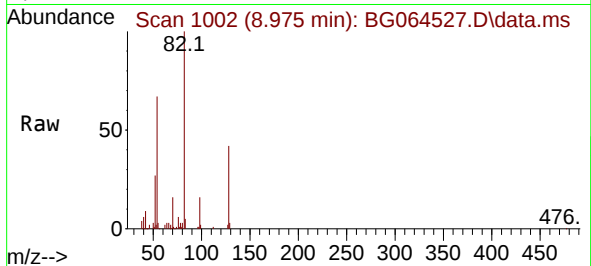




#23
Nitrobenzene-d5
Concen: 90.112 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

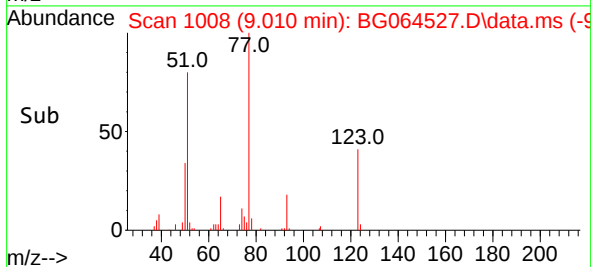
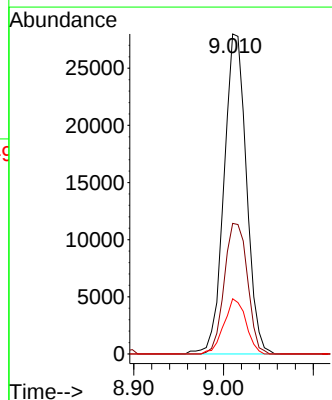
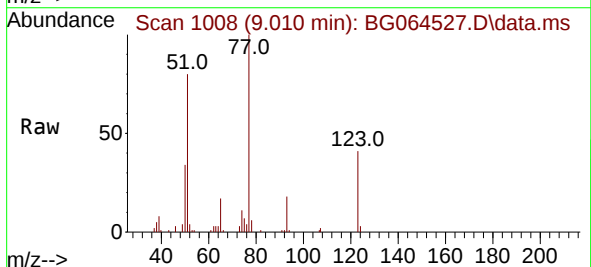
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

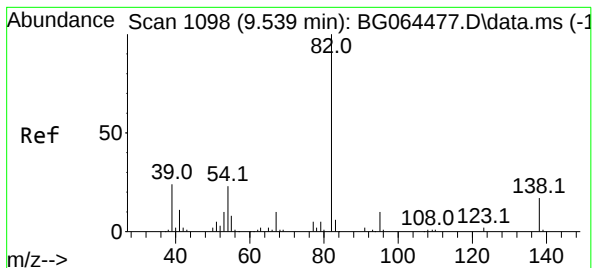
Tgt Ion: 82 Resp: 98714
Ion Ratio Lower Upper
82 100
128 41.8 33.1 49.7
54 67.1 55.4 83.2



#24
Nitrobenzene
Concen: 44.415 ng
RT: 9.010 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 77 Resp: 48519
Ion Ratio Lower Upper
77 100
123 40.8 34.4 51.6
65 17.2 14.8 22.2





#25

Isophorone

Concen: 44.052 ng

RT: 9.539 min Scan# 1109

Delta R.T. 0.009 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

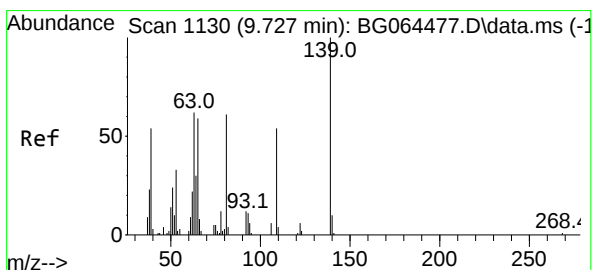
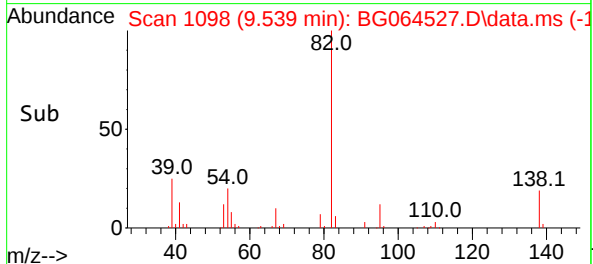
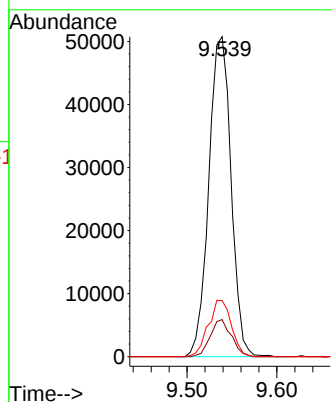
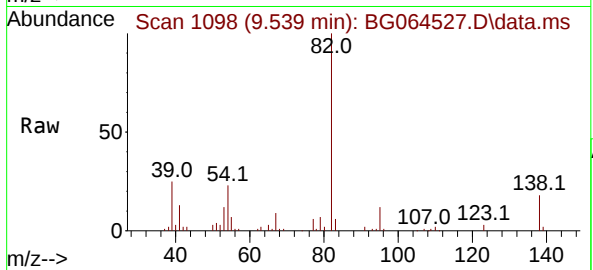
Tgt Ion: 82 Resp: 87423

Ion Ratio Lower Upper

82 100

95 11.6 7.8 11.8

138 17.6 13.8 20.6



#26

2-Nitrophenol

Concen: 45.292 ng

RT: 9.721 min Scan# 1129

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

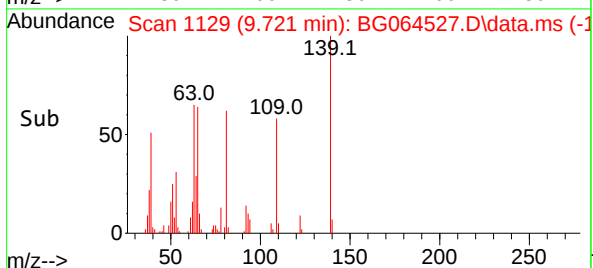
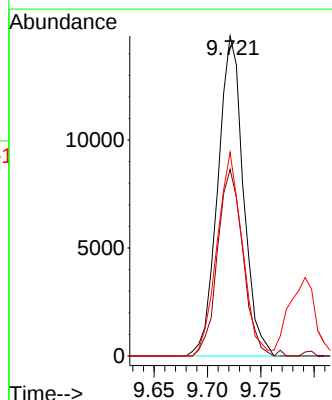
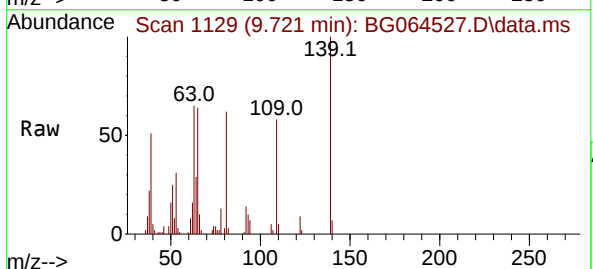
Tgt Ion:139 Resp: 24625

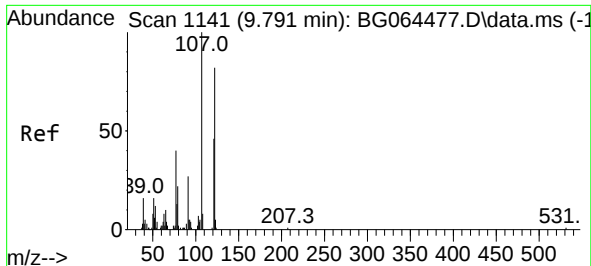
Ion Ratio Lower Upper

139 100

109 58.3 43.0 64.6

65 63.7 47.4 71.2





#27

2,4-Dimethylphenol

Concen: 50.641 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.009 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

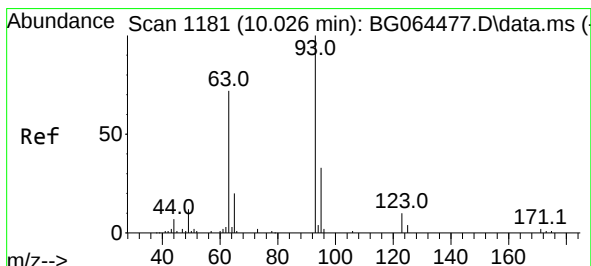
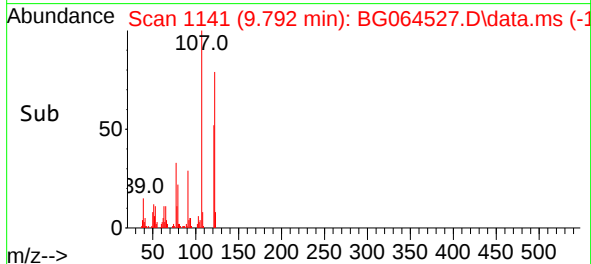
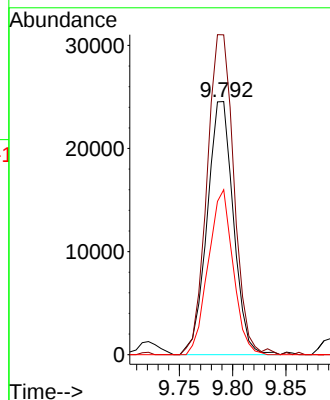
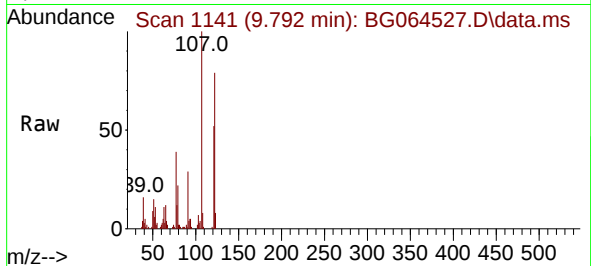
Tgt Ion:122 Resp: 42053

Ion Ratio Lower Upper

122 100

107 126.4 98.3 147.5

121 65.2 44.7 67.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.473 ng

RT: 10.021 min Scan# 1180

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

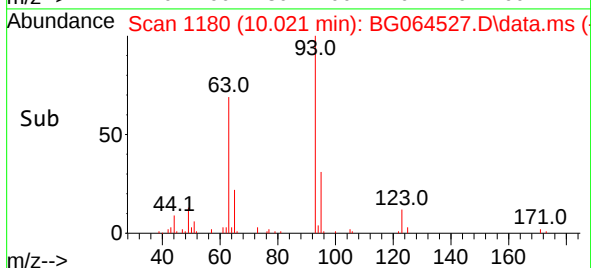
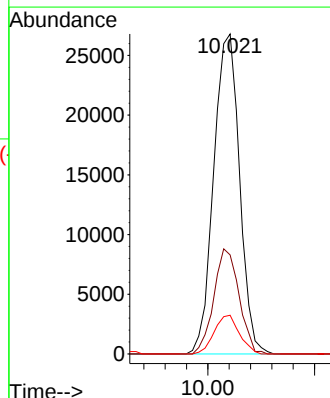
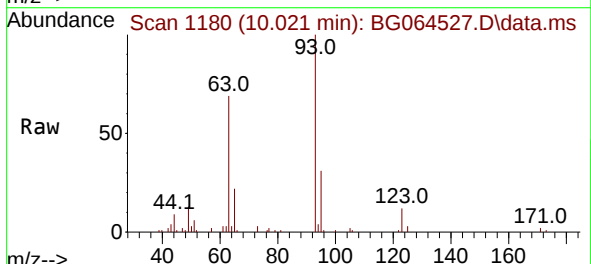
Tgt Ion: 93 Resp: 44988

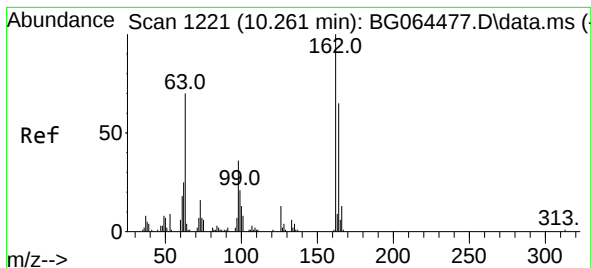
Ion Ratio Lower Upper

93 100

95 31.0 26.5 39.7

123 12.1 8.9 13.3

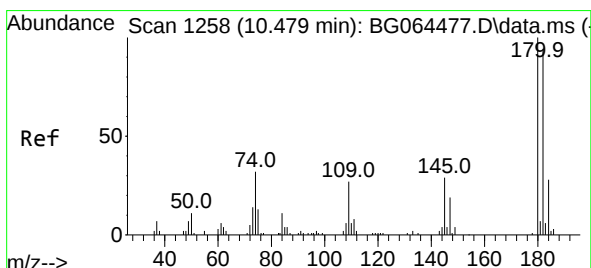
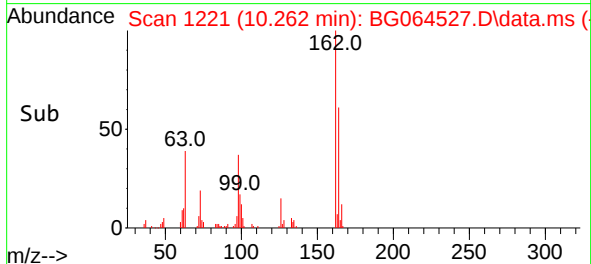
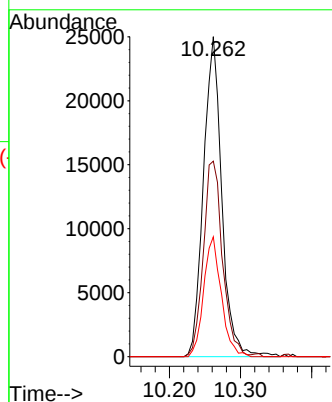
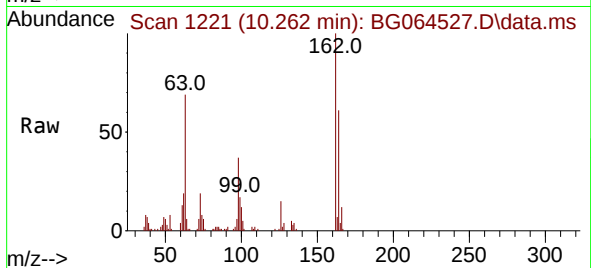




#29
2,4-Dichlorophenol
Concen: 46.795 ng
RT: 10.262 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

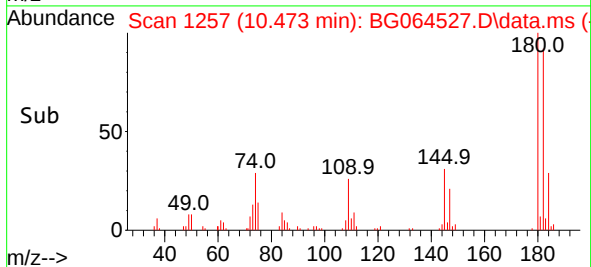
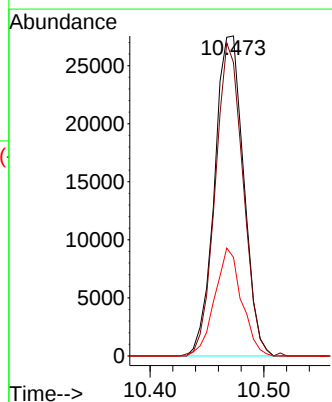
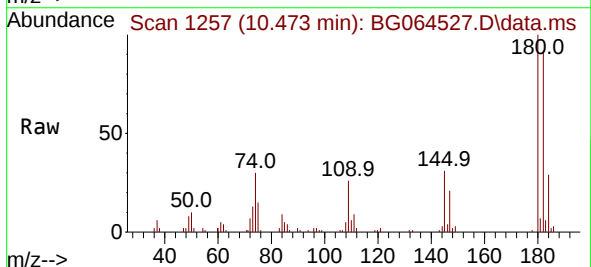
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

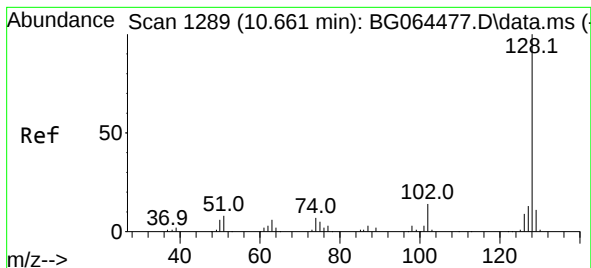
Tgt Ion:162 Resp: 44936
Ion Ratio Lower Upper
162 100
164 61.1 45.4 85.4
98 37.5 16.4 56.4



#30
1,2,4-Trichlorobenzene
Concen: 46.779 ng
RT: 10.473 min Scan# 1257
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:180 Resp: 48980
Ion Ratio Lower Upper
180 100
182 91.6 75.4 113.2
145 30.8 23.2 34.8

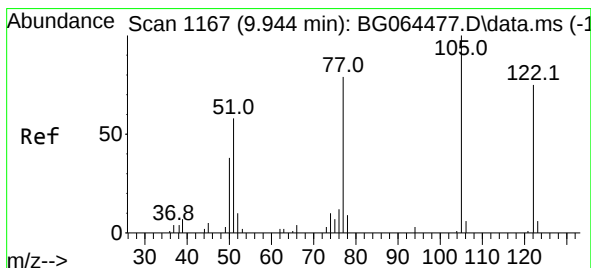
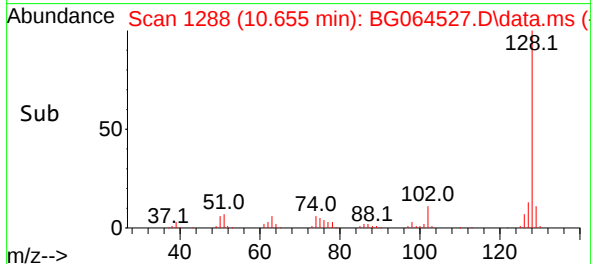
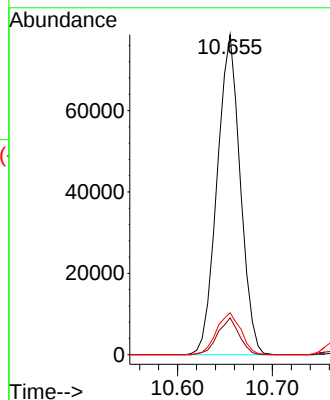
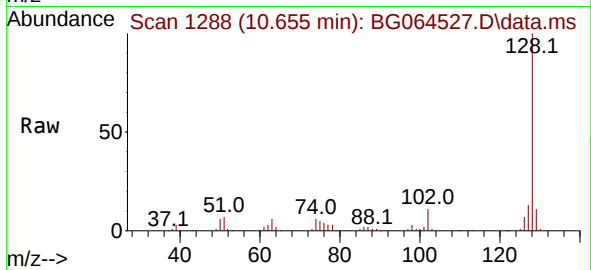




#31
Naphthalene
Concen: 43.983 ng
RT: 10.655 min Scan# 1163
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

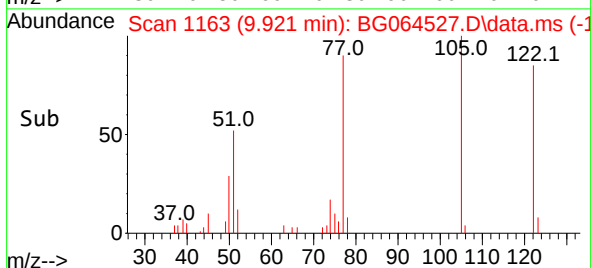
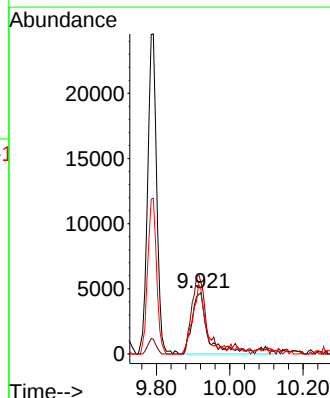
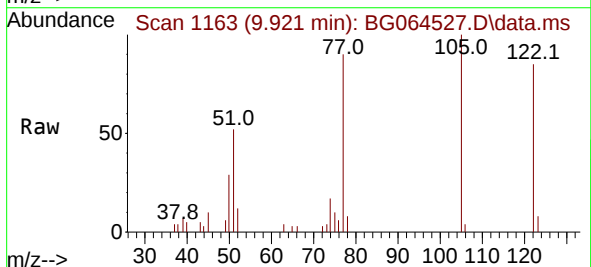
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

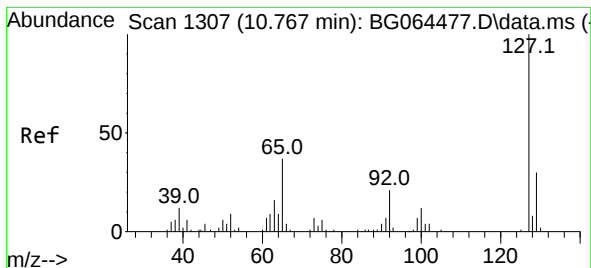
Tgt Ion:128 Resp: 133409
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 23.999 ng m
RT: 9.921 min Scan# 1163
Delta R.T. 0.032 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:122 Resp: 15301
Ion Ratio Lower Upper
122 100
105 118.0 113.9 153.9
77 106.8 86.1 126.1

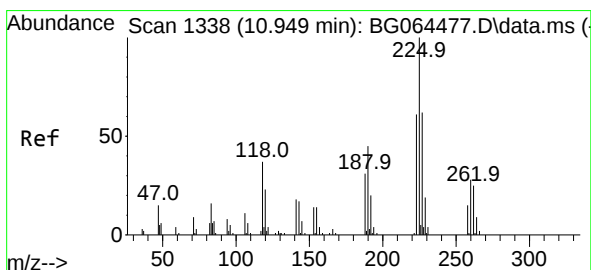
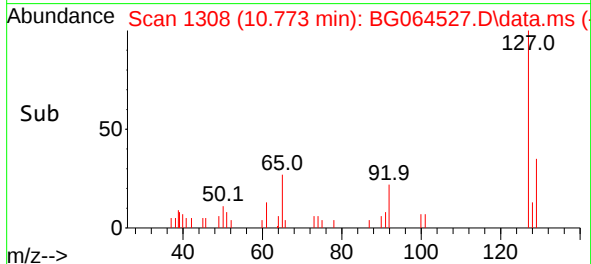
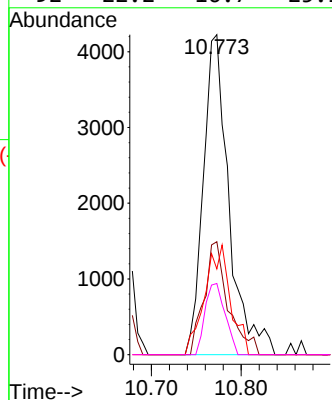
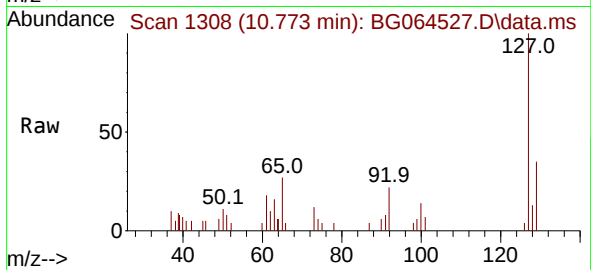




#33
4-Chloroaniline
Concen: 7.196 ng
RT: 10.773 min Scan# 11
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

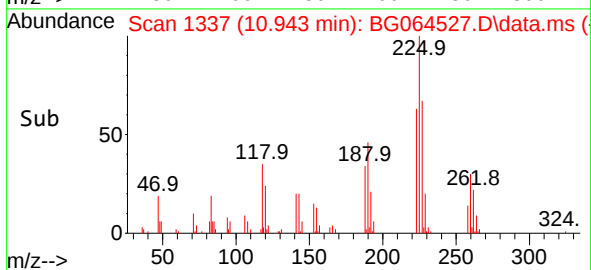
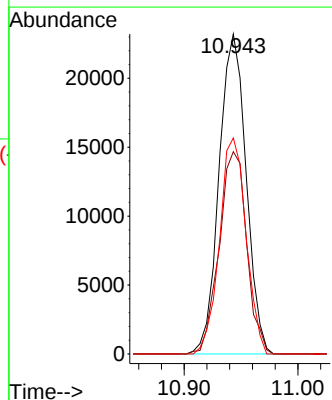
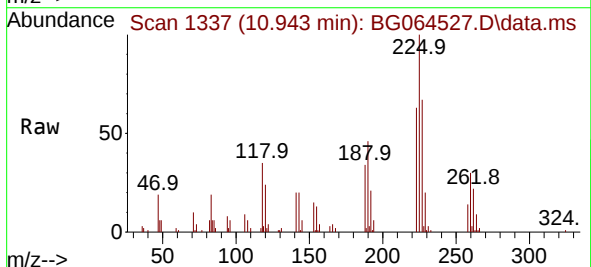
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

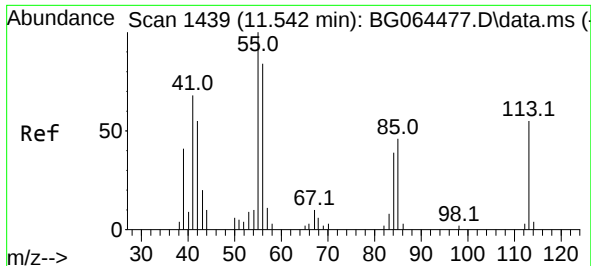
Tgt Ion:127	Resp:	8376
Ion	Ratio	Lower Upper
127	100	
129	35.3	24.2 36.4
65	26.8	29.6 44.4#
92	22.2	16.7 25.1



#34
Hexachlorobutadiene
Concen: 42.785 ng
RT: 10.943 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:225	Resp:	38365
Ion	Ratio	Lower Upper
225	100	
223	63.2	49.0 73.6
227	67.5	49.9 74.9

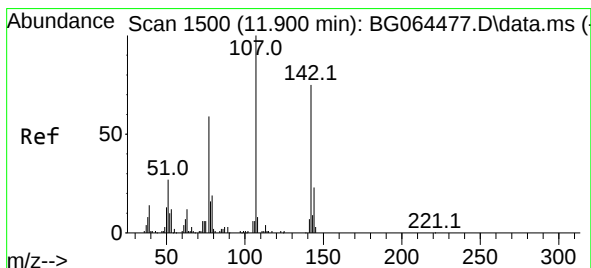
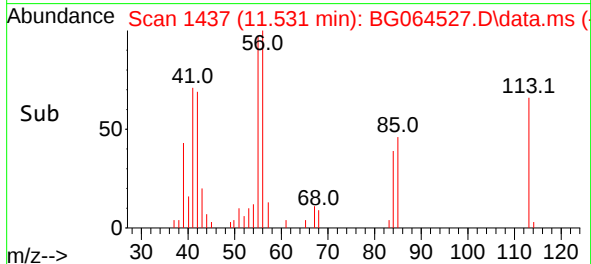
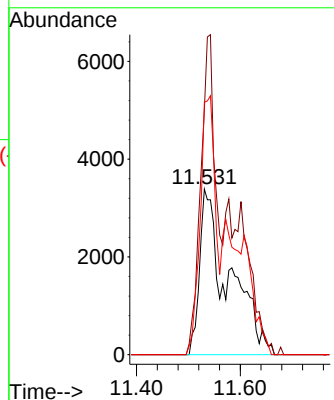
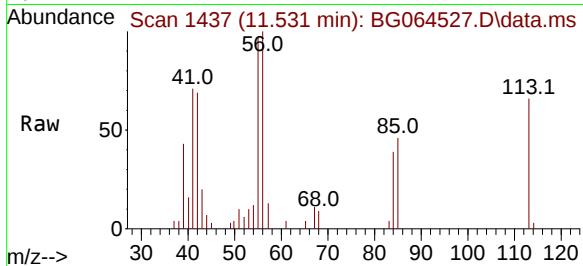




#35
Caprolactam
Concen: 39.976 ng m
RT: 11.531 min Scan# 1437
Delta R.T. 0.021 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

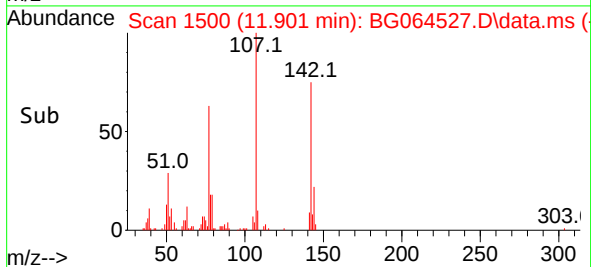
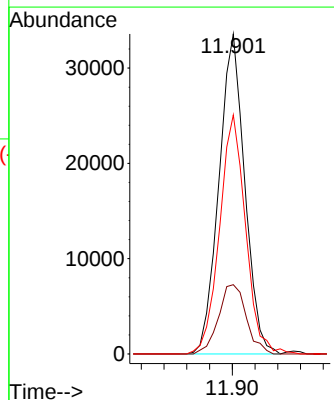
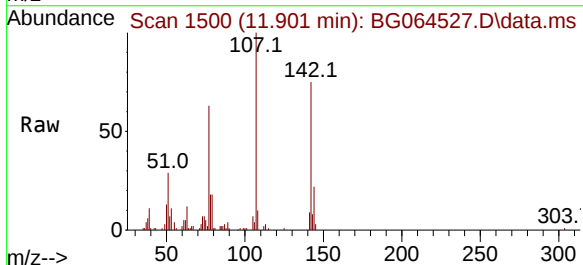
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

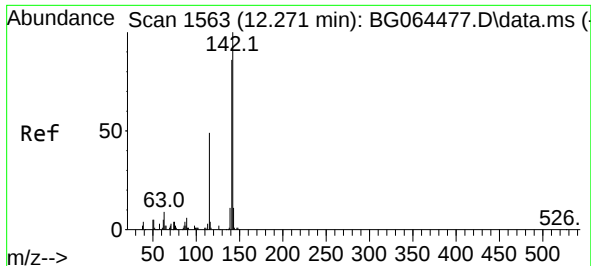
Tgt Ion:113 Resp: 13142
Ion Ratio Lower Upper
113 100
55 147.5 162.0 202.0#
56 152.4 134.6 174.6



#36
4-Chloro-3-methylphenol
Concen: 45.287 ng
RT: 11.901 min Scan# 1500
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:107 Resp: 52886
Ion Ratio Lower Upper
107 100
144 21.7 18.7 28.1
142 74.7 60.2 90.2

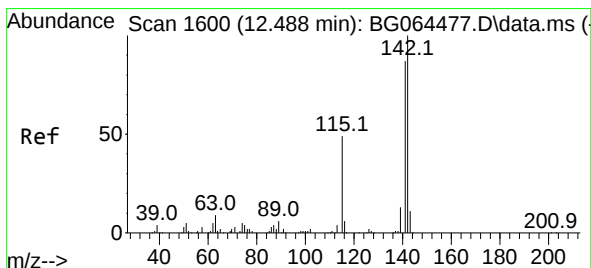
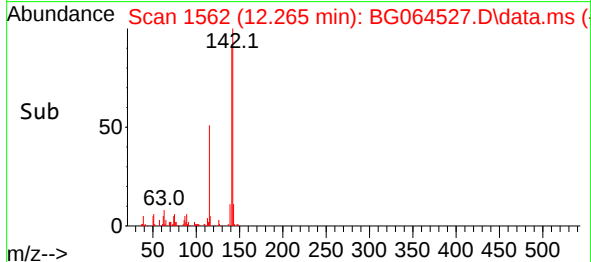
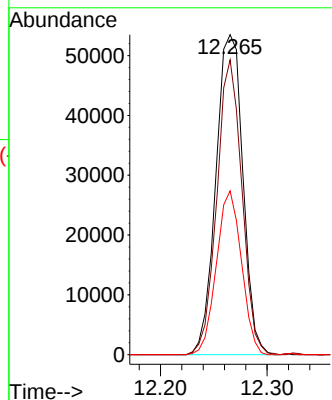
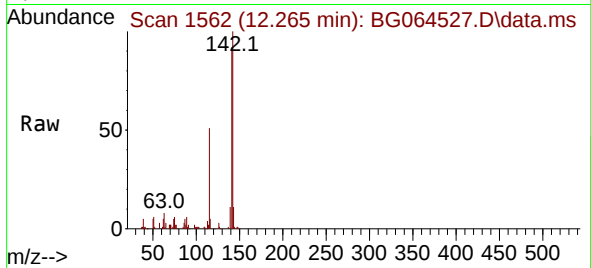




#37
2-Methylnaphthalene
Concen: 40.429 ng
RT: 12.265 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

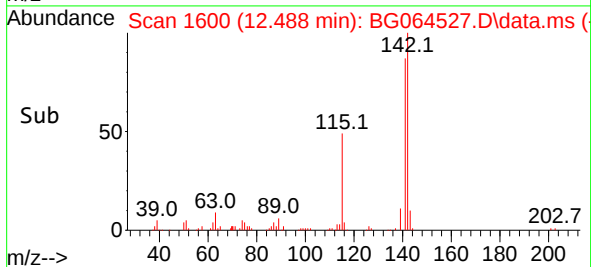
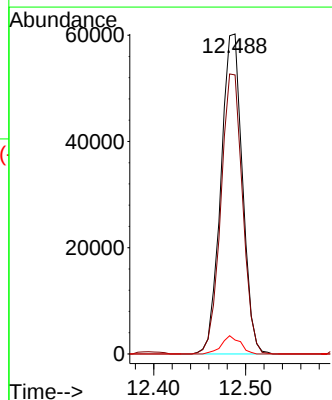
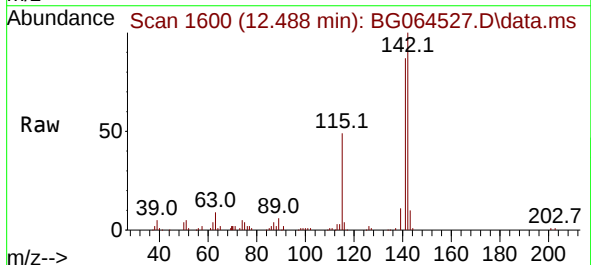
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

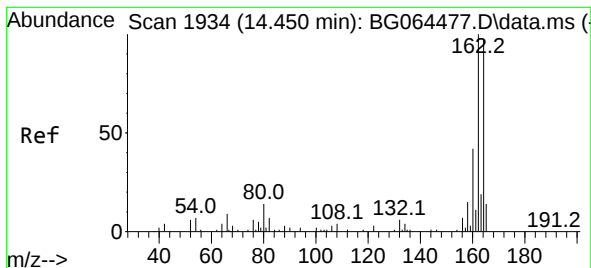
Tgt Ion:142 Resp: 94133
Ion Ratio Lower Upper
142 100
141 92.1 68.7 103.1
115 51.2 39.3 58.9



#38
1-Methylnaphthalene
Concen: 42.314 ng m
RT: 12.488 min Scan# 1600
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:142 Resp: 98240
Ion Ratio Lower Upper
142 100
141 87.2 69.8 104.8
116 4.3 4.6 6.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064527.D

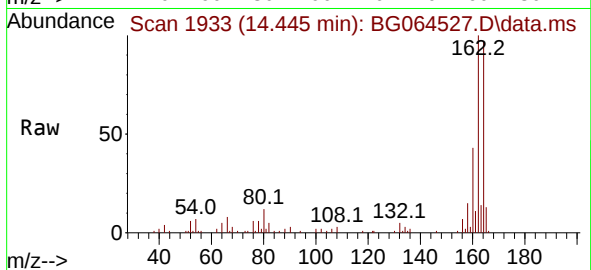
Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS



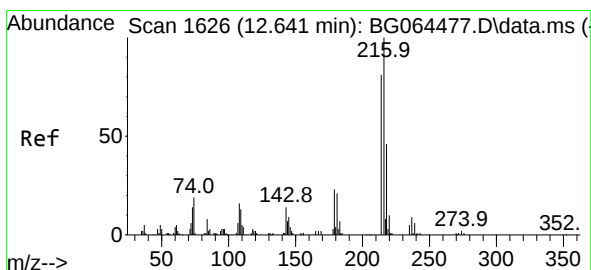
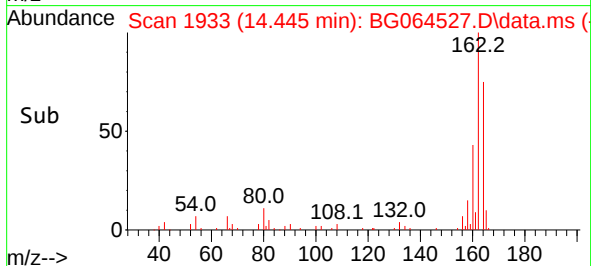
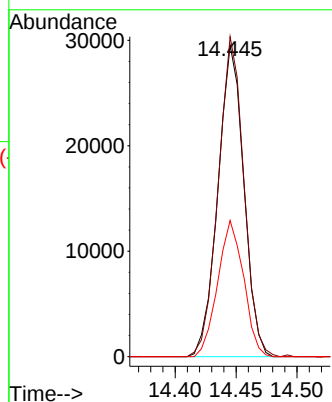
Tgt Ion:164 Resp: 43572

Ion Ratio Lower Upper

164 100

162 102.7 82.2 123.2

160 43.7 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.035 ng

RT: 12.635 min Scan# 1625

Delta R.T. -0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Tgt Ion:216 Resp: 74613

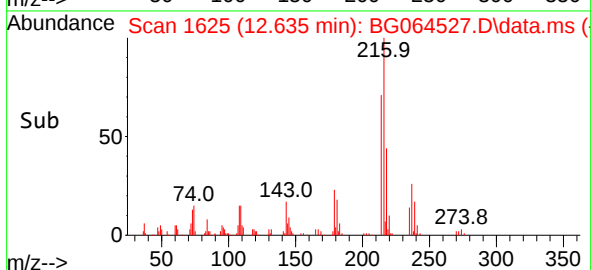
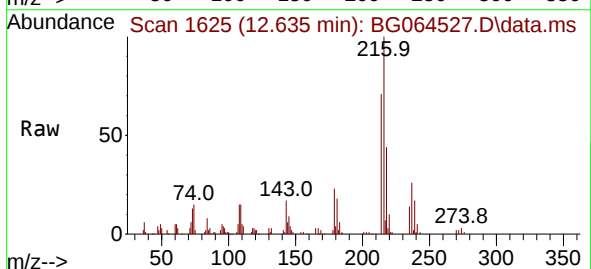
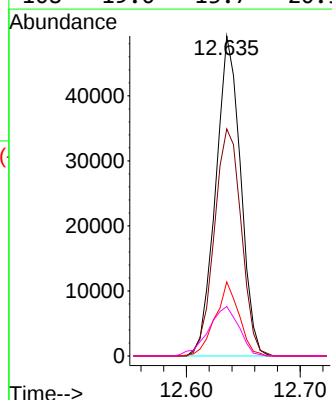
Ion Ratio Lower Upper

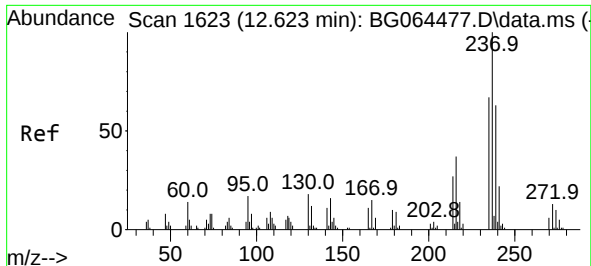
216 100

214 76.8 62.5 93.7

179 22.2 17.0 25.6

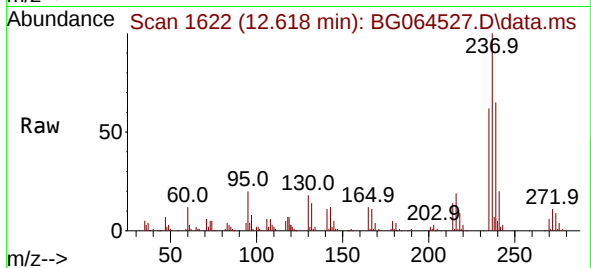
108 19.0 13.7 20.5



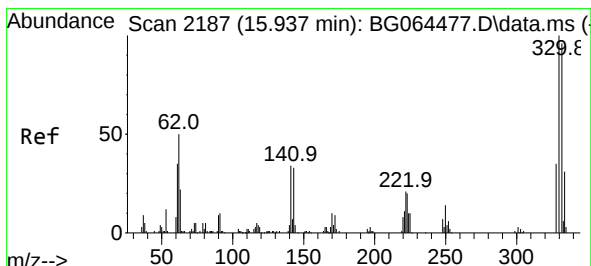
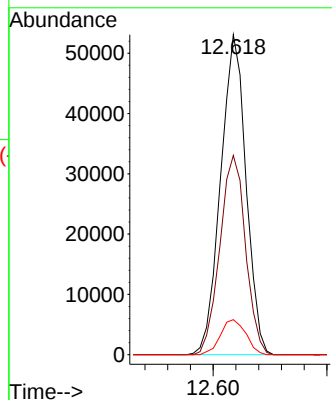
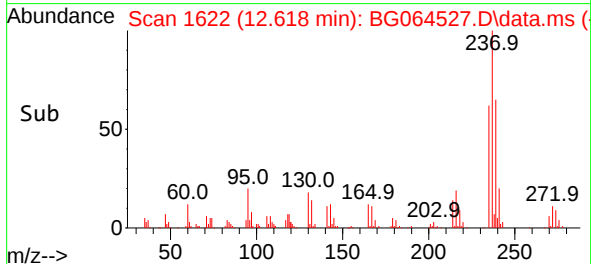


#41
Hexachlorocyclopentadiene
Concen: 111.637 ng
RT: 12.618 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

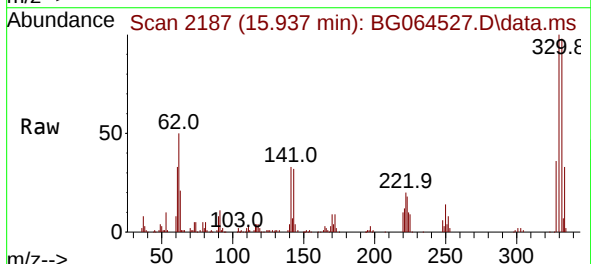
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS



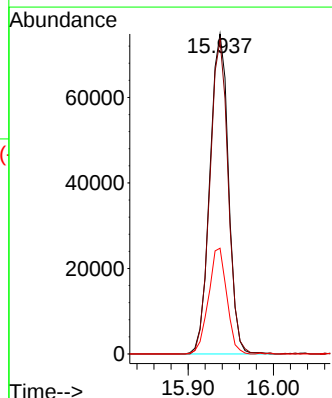
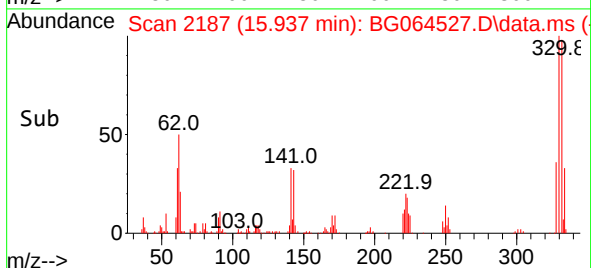
Tgt Ion:237 Resp: 82156
Ion Ratio Lower Upper
237 100
235 62.2 46.9 86.9
272 11.0 0.0 32.6

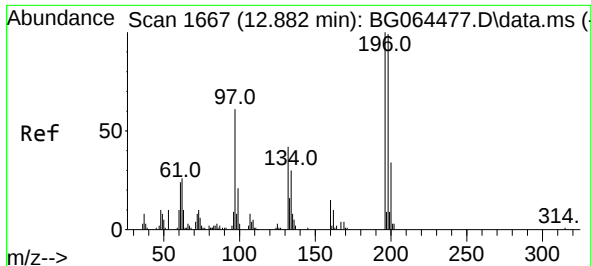


#42
2,4,6-Tribromophenol
Concen: 143.236 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24



Tgt Ion:330 Resp: 113128
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 32.6 25.8 38.6

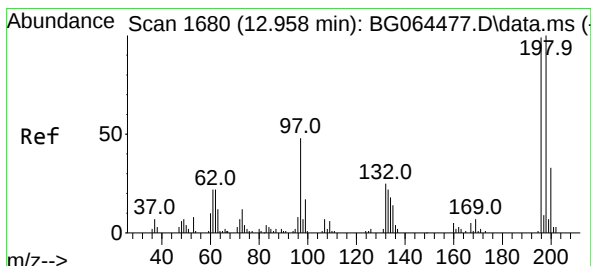
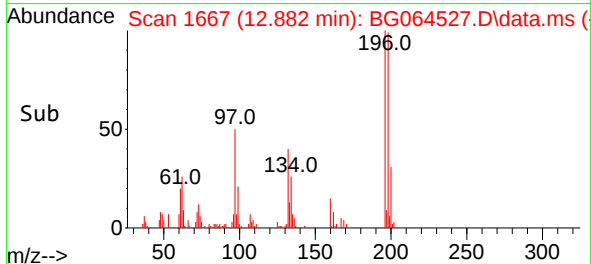
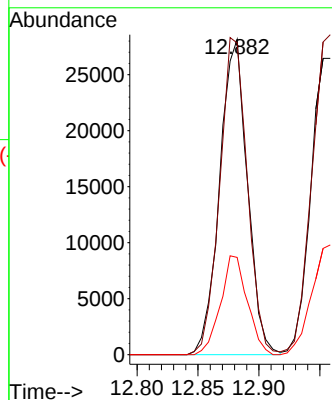
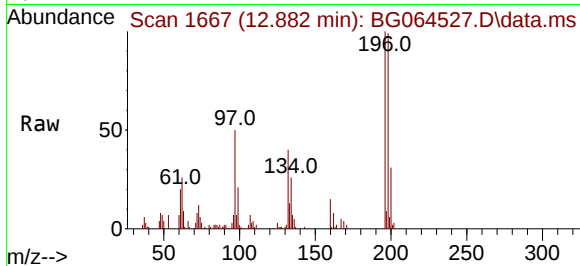




#43
 2,4,6-Trichlorophenol
 Concen: 49.650 ng
 RT: 12.882 min Scan# 1667
 Delta R.T. 0.003 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

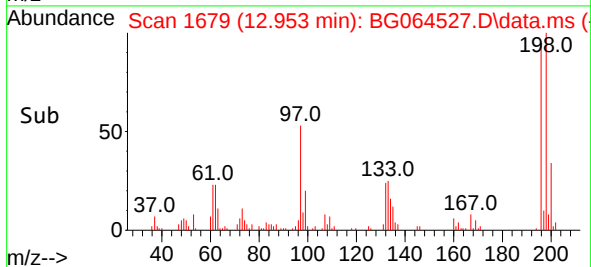
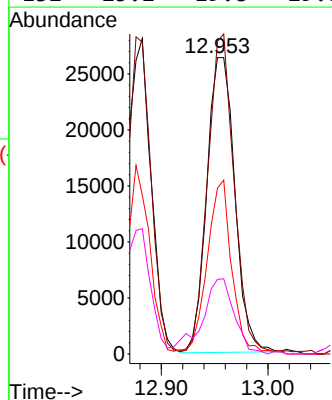
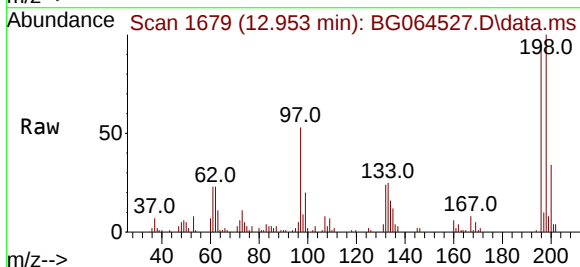
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

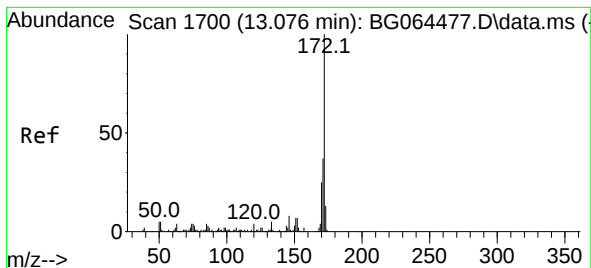
Tgt Ion:196 Resp: 44653
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.3 118.9
 200 30.9 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 47.834 ng
 RT: 12.953 min Scan# 1679
 Delta R.T. -0.003 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

Tgt Ion:196 Resp: 48028
 Ion Ratio Lower Upper
 196 100
 198 105.5 80.3 120.5
 97 55.9 39.4 59.0
 132 25.2 19.8 29.8





#45

2-Fluorobiphenyl

Concen: 89.528 ng

RT: 13.070 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

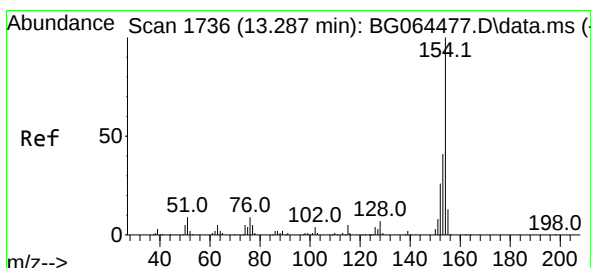
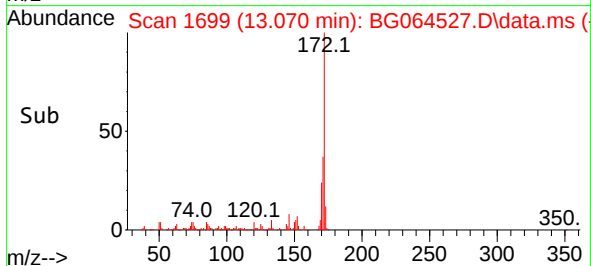
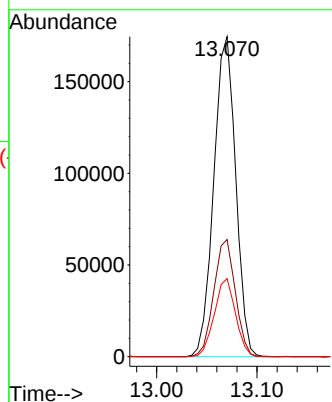
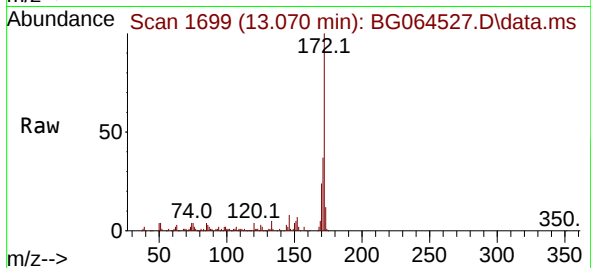
Tgt Ion:172 Resp: 264648

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.4 20.2 30.2



#46

1,1'-Biphenyl

Concen: 51.341 ng

RT: 13.282 min Scan# 1735

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

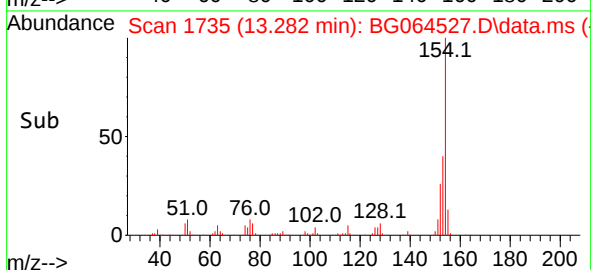
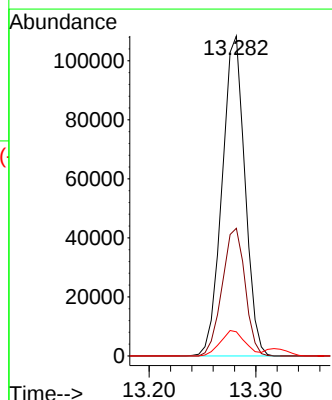
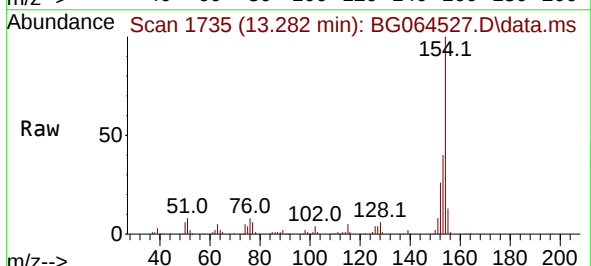
Tgt Ion:154 Resp: 160896

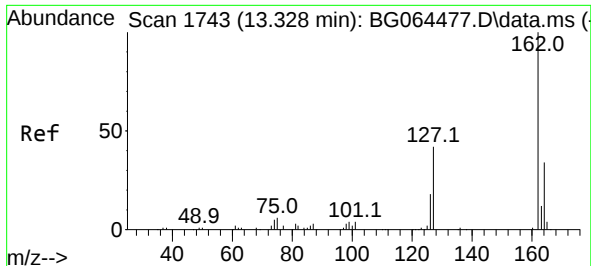
Ion Ratio Lower Upper

154 100

153 39.9 20.7 60.7

76 7.6 0.0 29.3

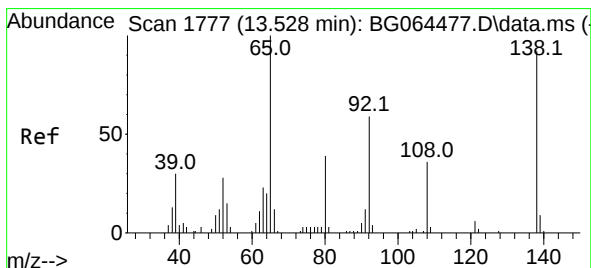
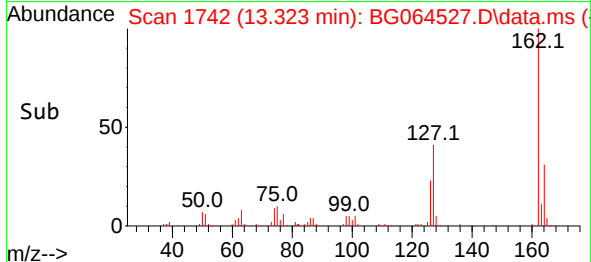
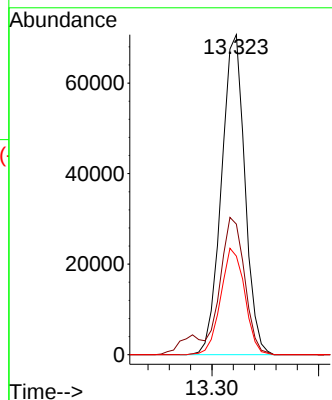
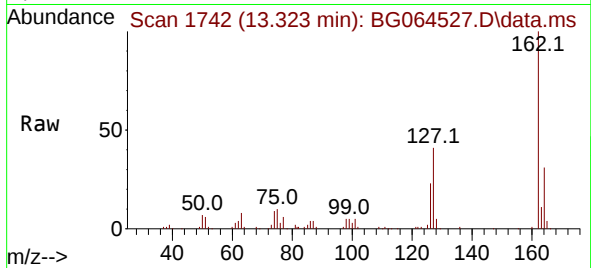




#47
2-Chloronaphthalene
Concen: 45.972 ng
RT: 13.323 min Scan# 1742
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

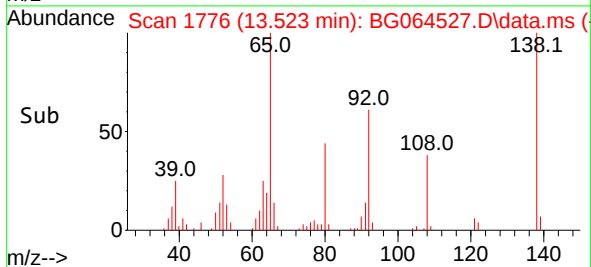
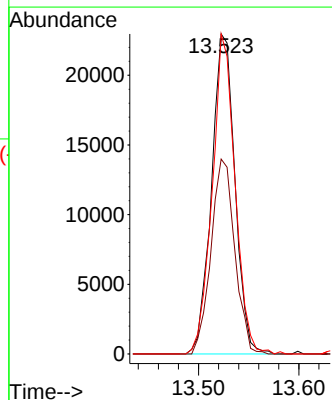
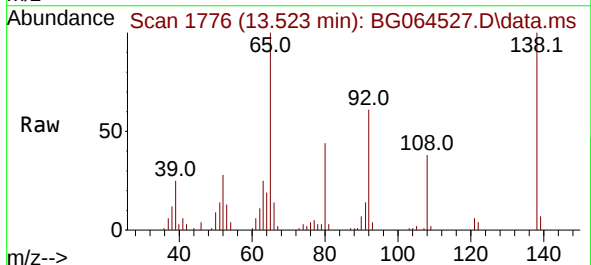
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

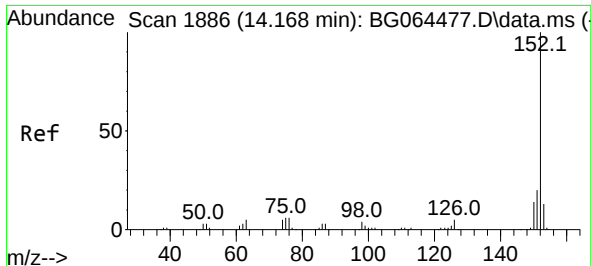
Tgt Ion:162 Resp: 107565
Ion Ratio Lower Upper
162 100
127 40.8 35.8 53.8
164 30.8 27.2 40.8



#48
2-Nitroaniline
Concen: 46.572 ng
RT: 13.523 min Scan# 1776
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion: 65 Resp: 37191
Ion Ratio Lower Upper
65 100
92 60.9 47.0 70.6
138 100.0 73.5 110.3

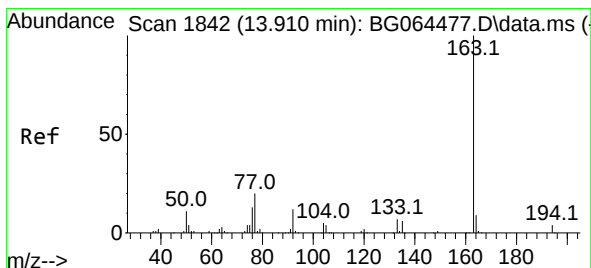
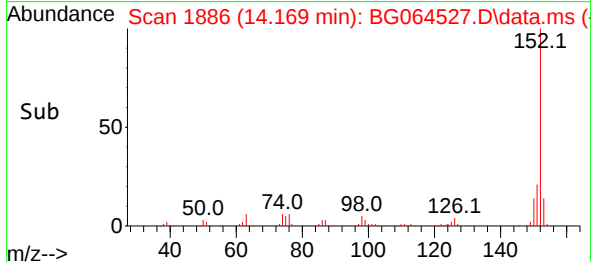
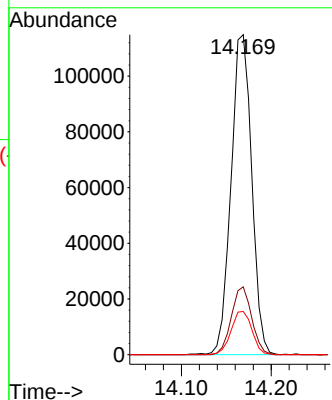
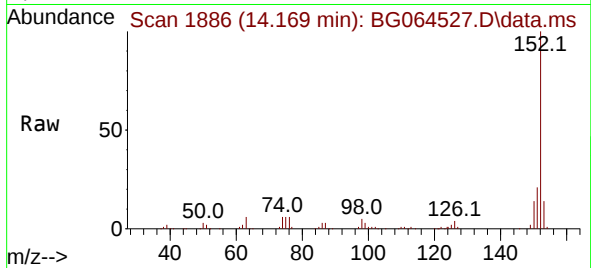




#49
Acenaphthylene
Concen: 52.868 ng
RT: 14.169 min Scan# 1886
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

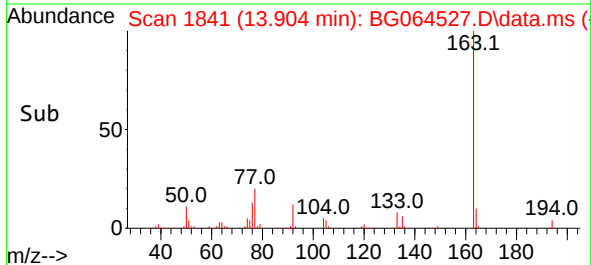
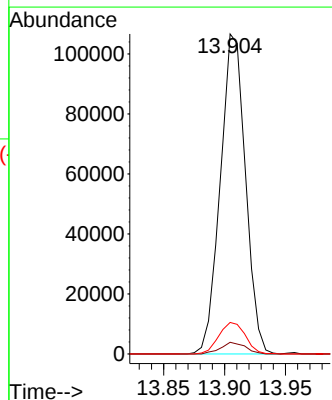
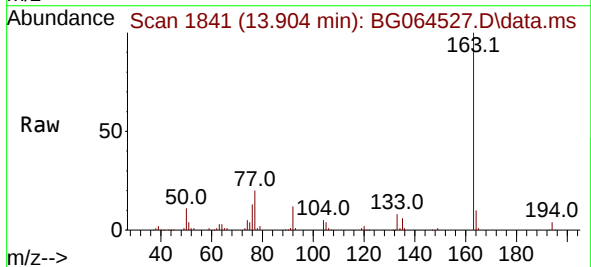
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

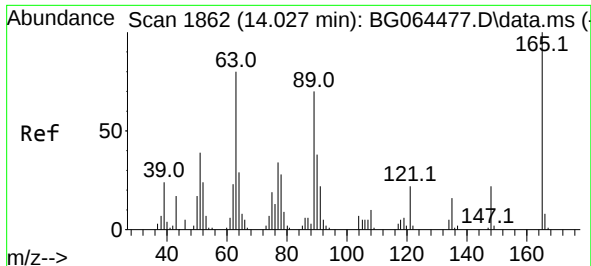
Tgt Ion:152 Resp: 183627
Ion Ratio Lower Upper
152 100
151 21.2 15.8 23.6
153 13.5 10.6 15.8



#50
Dimethylphthalate
Concen: 44.979 ng
RT: 13.904 min Scan# 1841
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:163 Resp: 153493
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.9 7.4 11.0

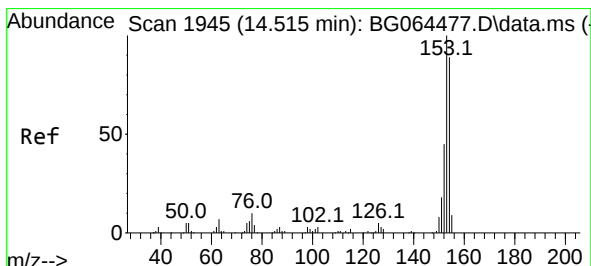
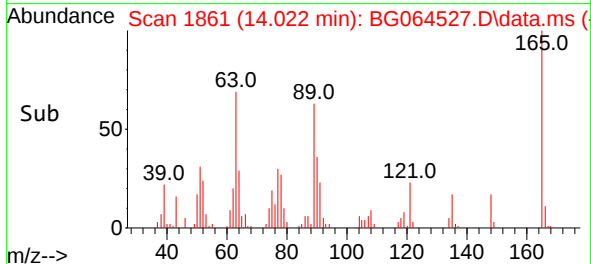
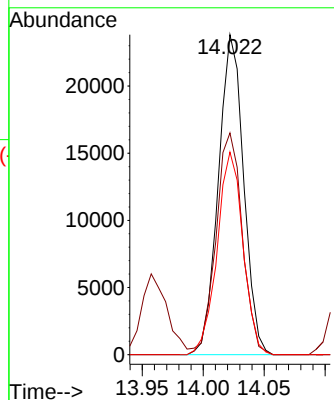
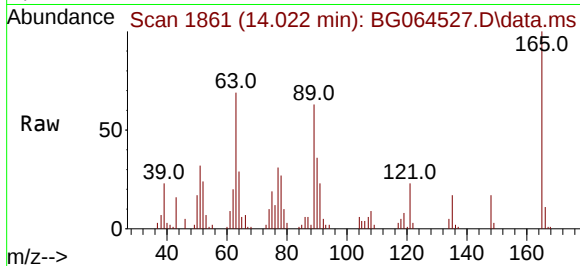




#51
2,6-Dinitrotoluene
Concen: 48.329 ng
RT: 14.022 min Scan# 1861
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

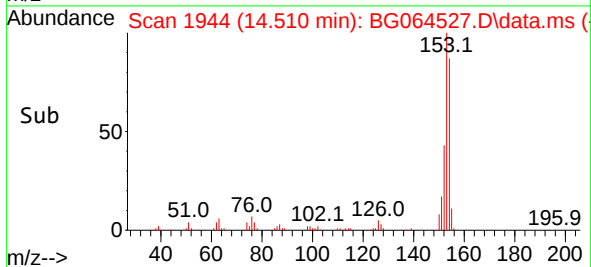
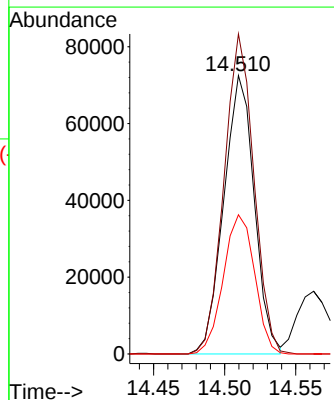
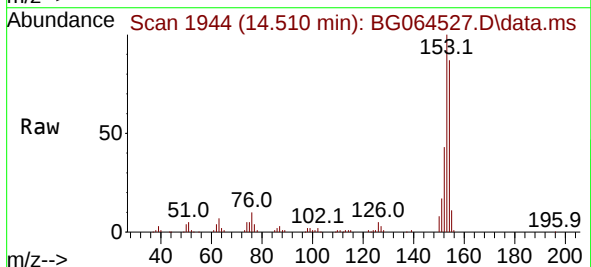
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

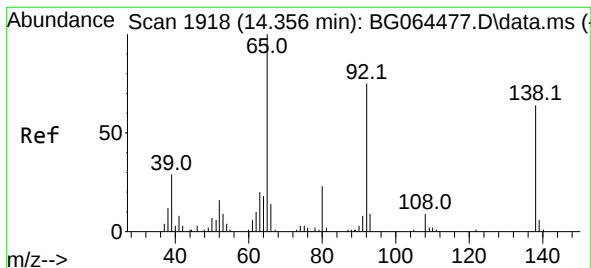
Tgt Ion:165 Resp: 34356
Ion Ratio Lower Upper
165 100
63 69.3 63.9 95.9
89 63.3 56.1 84.1



#52
Acenaphthene
Concen: 44.932 ng
RT: 14.510 min Scan# 1944
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:154 Resp: 108426
Ion Ratio Lower Upper
154 100
153 114.9 90.2 135.4
152 50.0 40.2 60.4





#53

3-Nitroaniline

Concen: 20.488 ng

RT: 14.351 min Scan# 1917

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

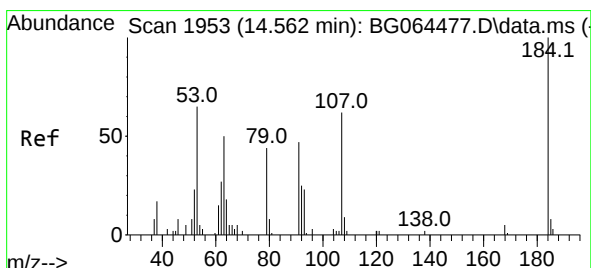
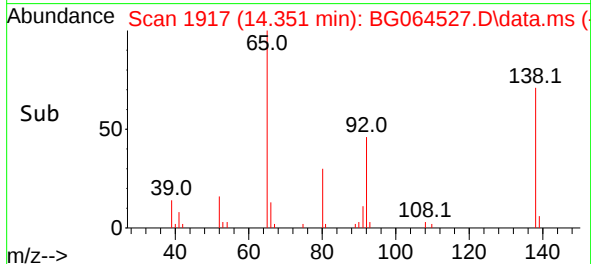
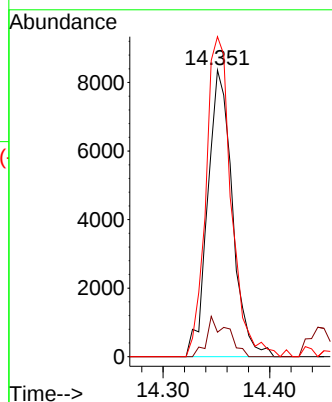
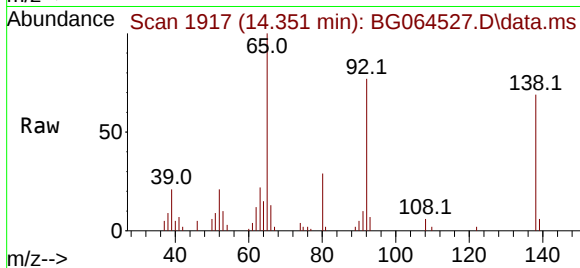
Tgt Ion:138 Resp: 13432

Ion Ratio Lower Upper

138 100

108 8.6 10.6 15.8#

92 111.7 93.2 139.8



#54

2,4-Dinitrophenol

Concen: 56.742 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

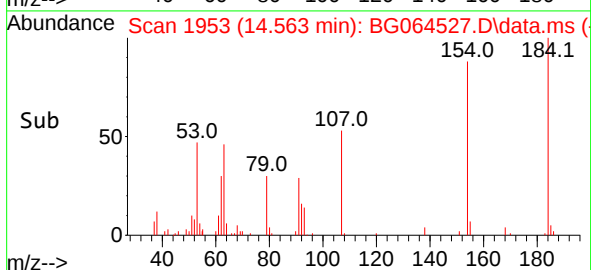
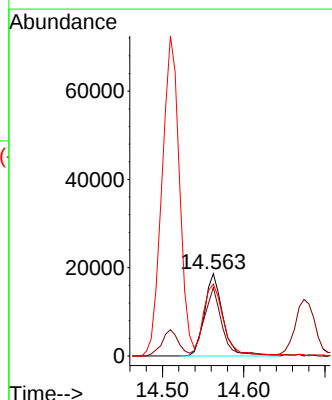
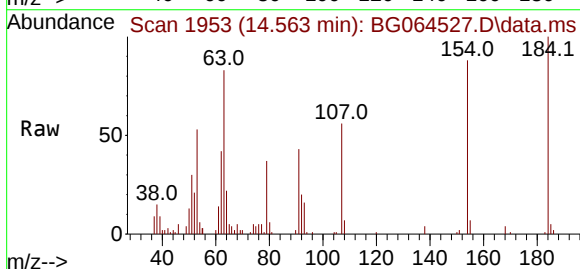
Tgt Ion:184 Resp: 29249

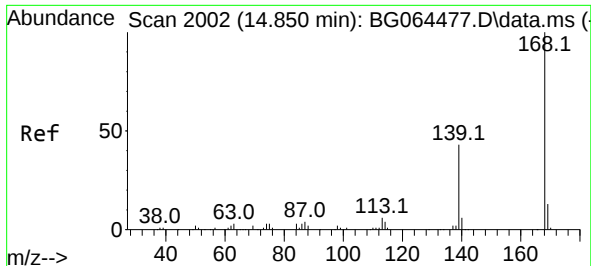
Ion Ratio Lower Upper

184 100

63 83.2 69.0 103.4

154 87.6 95.6 143.4#

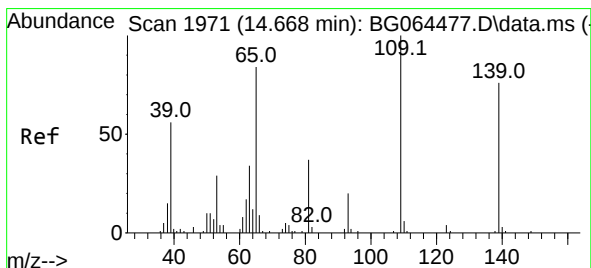
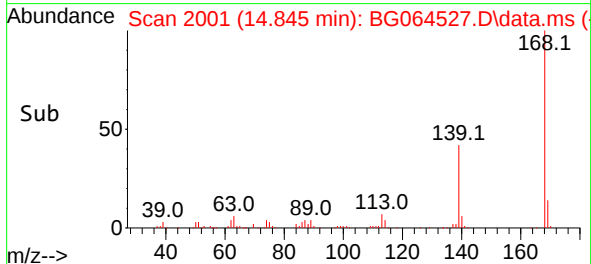
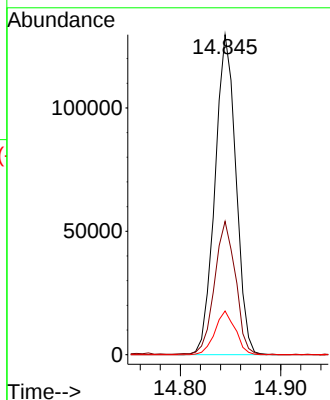
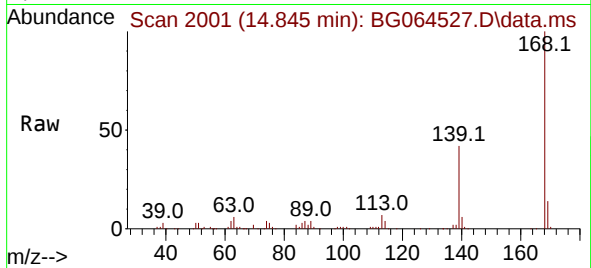




#55
Dibenzofuran
Concen: 47.140 ng
RT: 14.845 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

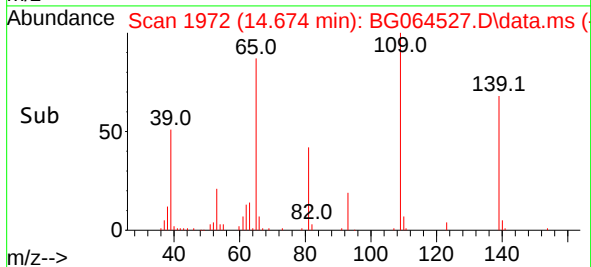
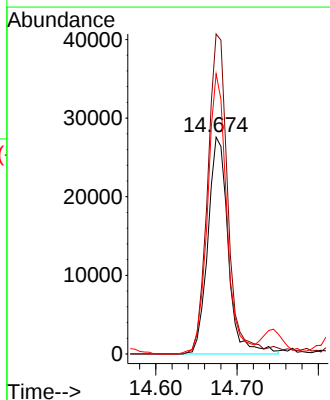
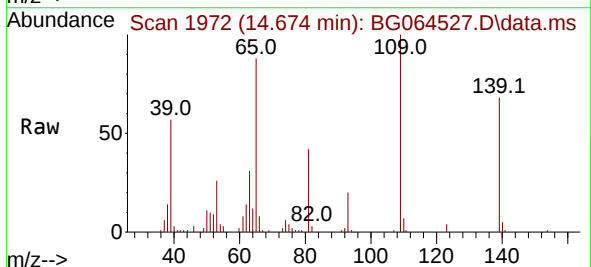
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

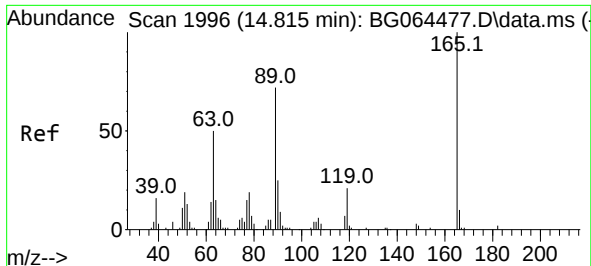
Tgt Ion:168 Resp: 187822
Ion Ratio Lower Upper
168 100
139 41.6 34.0 51.0
169 13.7 10.2 15.2



#56
4-Nitrophenol
Concen: 92.448 ng
RT: 14.674 min Scan# 1972
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:139 Resp: 47719
Ion Ratio Lower Upper
139 100
109 147.6 111.8 151.8
65 129.3 91.1 131.1





#57

2,4-Dinitrotoluene

Concen: 49.555 ng

RT: 14.815 min Scan# 1996

Delta R.T. 0.003 min

Lab File: BG064527.D

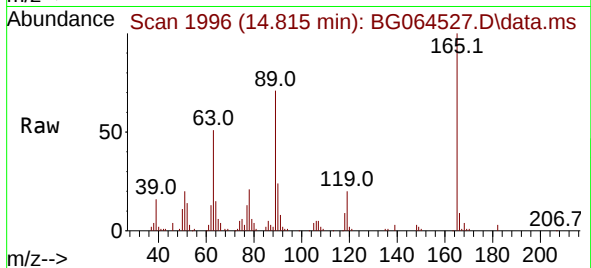
Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS



Tgt Ion:165 Resp: 53852

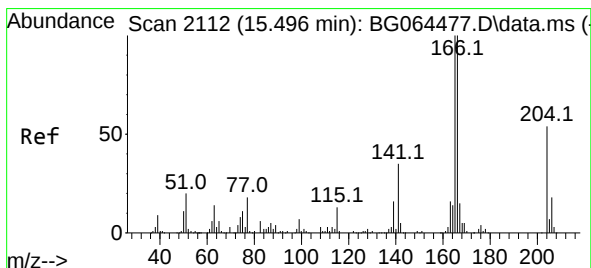
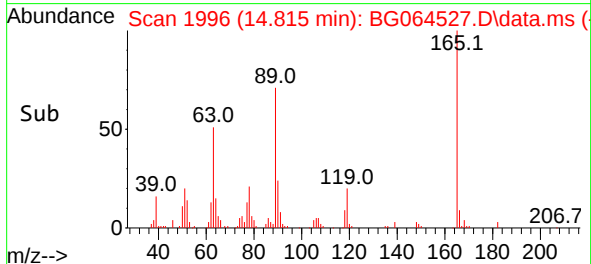
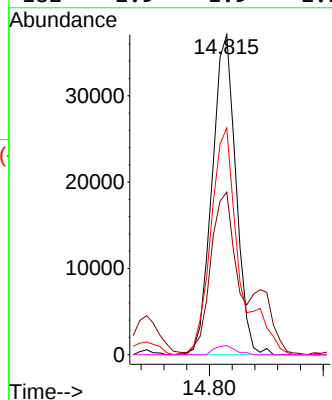
Ion Ratio Lower Upper

165 100

63 50.8 40.4 60.6

89 70.8 57.3 85.9

182 2.9 1.9 2.9



#58

Fluorene

Concen: 47.906 ng

RT: 15.491 min Scan# 2111

Delta R.T. -0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

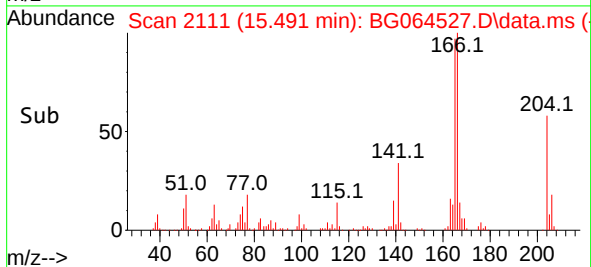
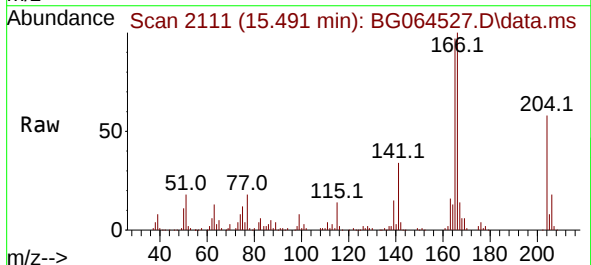
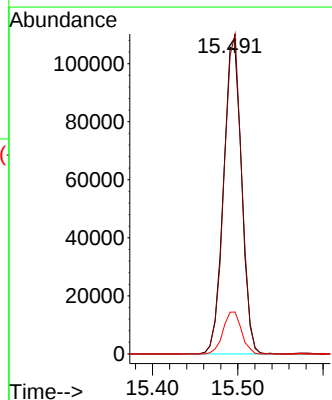
Tgt Ion:166 Resp: 158683

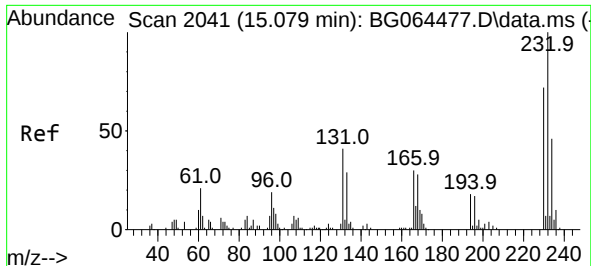
Ion Ratio Lower Upper

166 100

165 97.5 79.8 119.6

167 13.6 11.7 17.5

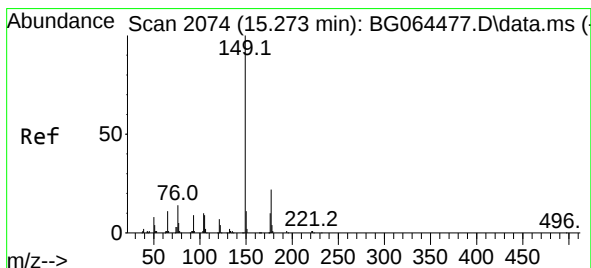
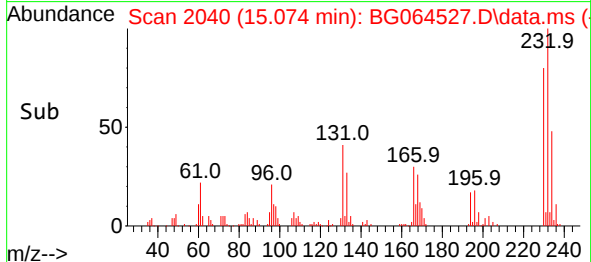
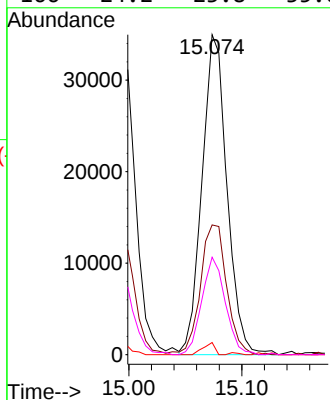
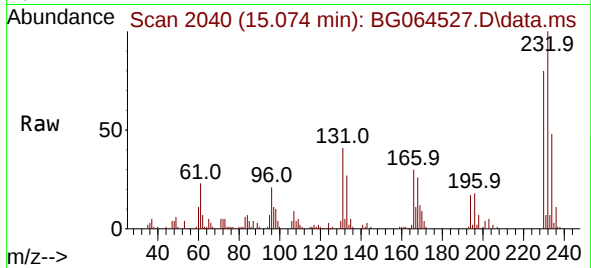




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.456 ng m
RT: 15.074 min Scan# 2041
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

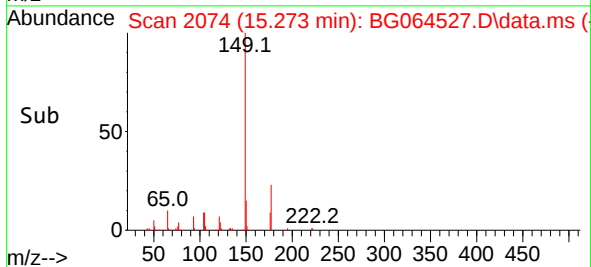
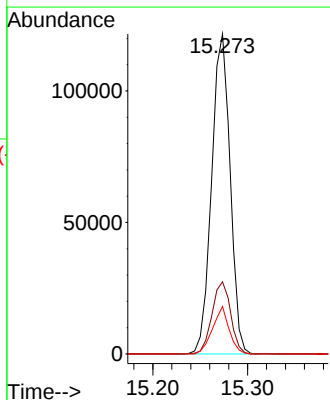
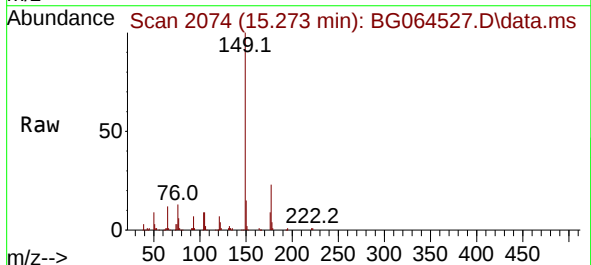
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

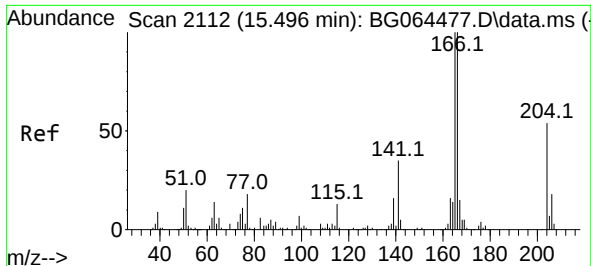
Tgt Ion:232 Resp: 53751
Ion Ratio Lower Upper
232 100
131 38.3 35.0 52.4
130 2.8 2.0 3.0
166 24.2 23.8 35.6



#60
Diethylphthalate
Concen: 44.940 ng
RT: 15.273 min Scan# 2074
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:149 Resp: 164520
Ion Ratio Lower Upper
149 100
177 22.6 17.4 26.0
150 14.8 9.1 13.7#

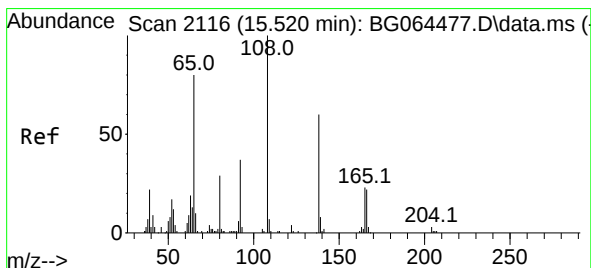
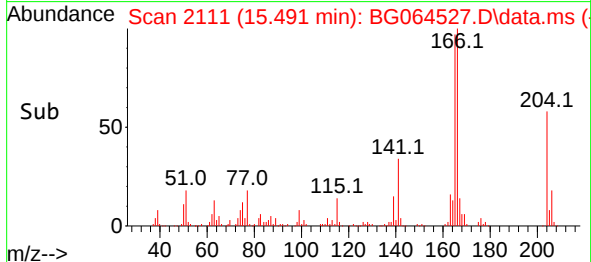
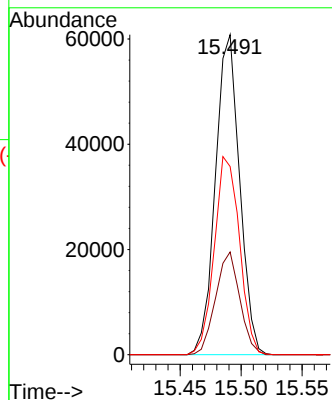
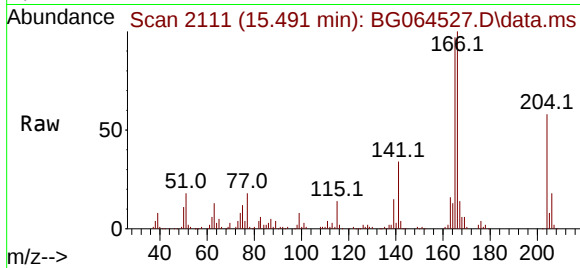




#61
4-Chlorophenyl-phenylether
Concen: 46.438 ng
RT: 15.491 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

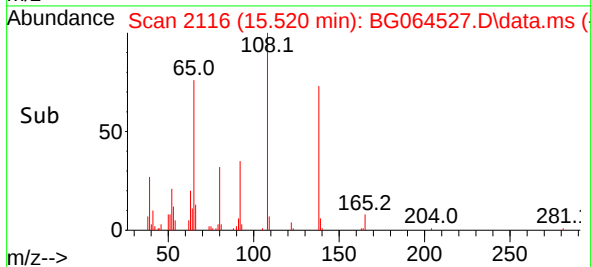
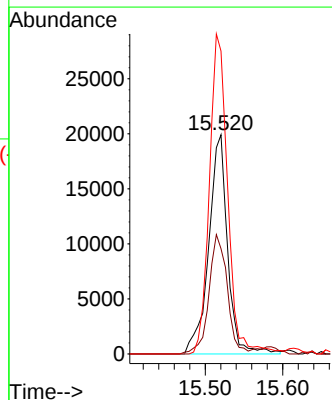
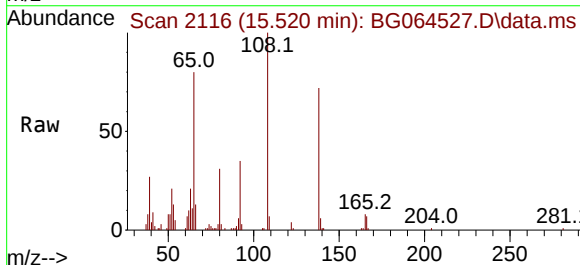
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

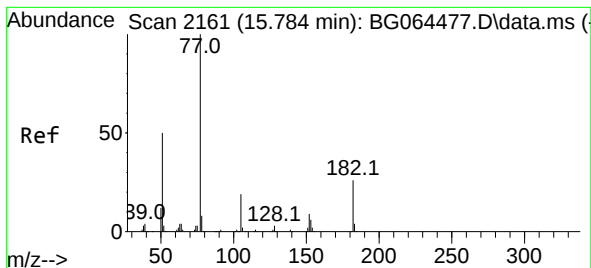
Tgt Ion:204 Resp: 83978
Ion Ratio Lower Upper
204 100
206 32.1 27.1 40.7
141 58.8 51.5 77.3



#62
4-Nitroaniline
Concen: 49.386 ng
RT: 15.520 min Scan# 2116
Delta R.T. 0.009 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:138 Resp: 33746
Ion Ratio Lower Upper
138 100
92 48.0 42.3 82.3
108 138.2 147.7 187.7#





#63

Azobenzene

Concen: 46.568 ng

RT: 15.785 min Scan# 2161

Delta R.T. 0.003 min

Lab File: BG064527.D

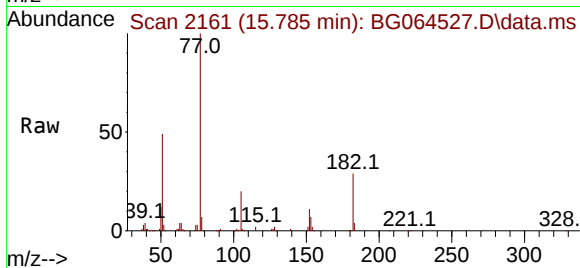
Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS



Tgt Ion: 77 Resp: 132029

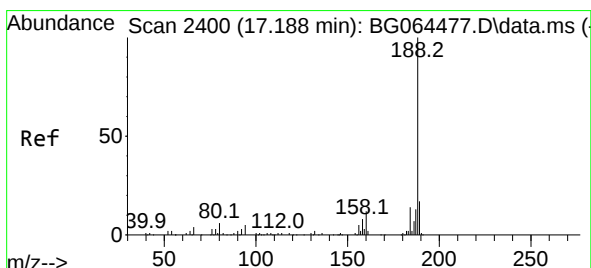
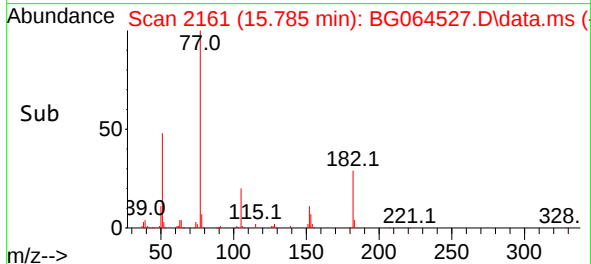
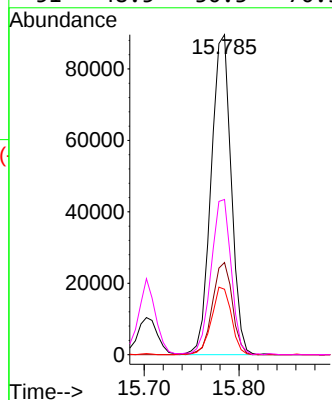
Ion Ratio Lower Upper

77 100

182 28.8 6.3 46.3

105 20.5 0.0 38.7

51 48.5 30.3 70.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.189 min Scan# 2400

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

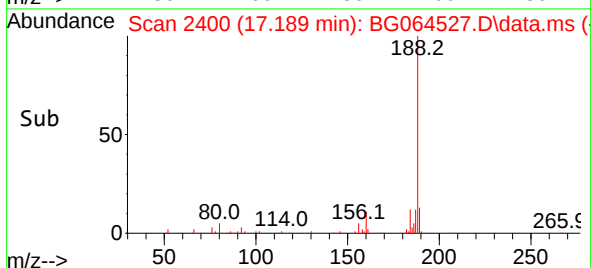
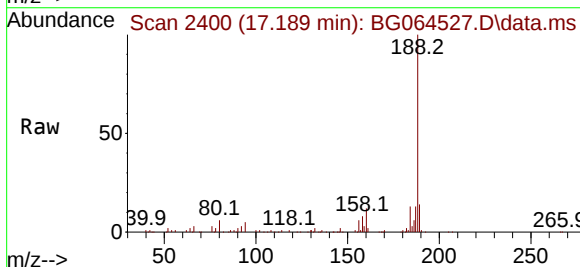
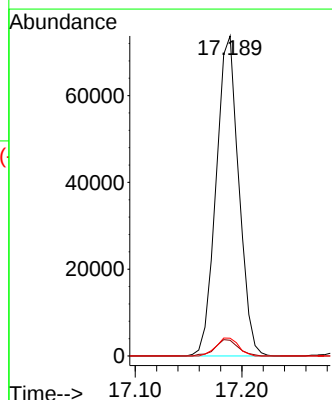
Tgt Ion:188 Resp: 108558

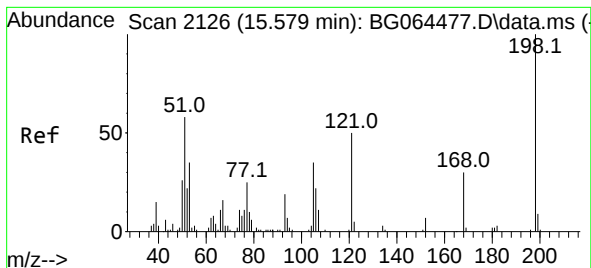
Ion Ratio Lower Upper

188 100

94 4.9 3.7 5.5

80 5.5 4.5 6.7

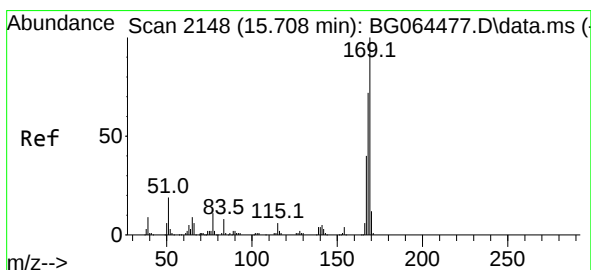
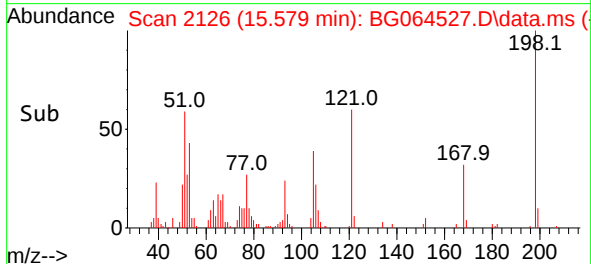
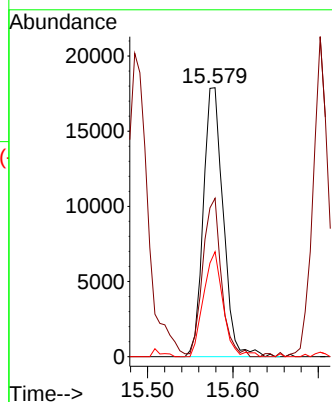
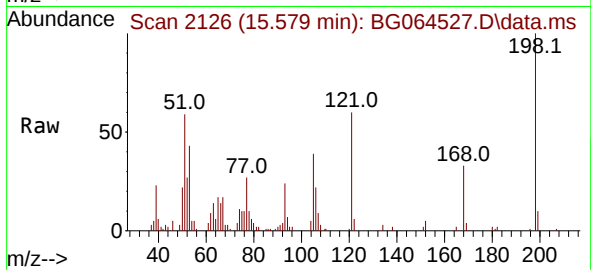




#65
4,6-Dinitro-2-methylphenol
Concen: 38.404 ng
RT: 15.579 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

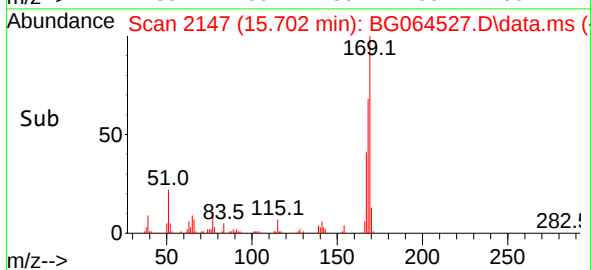
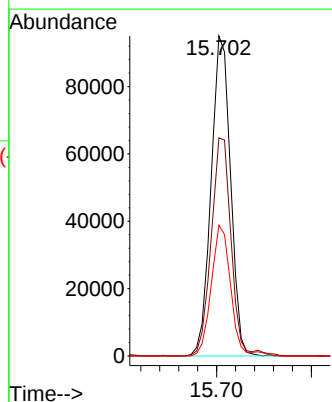
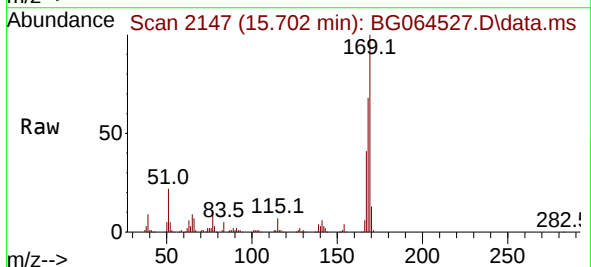
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

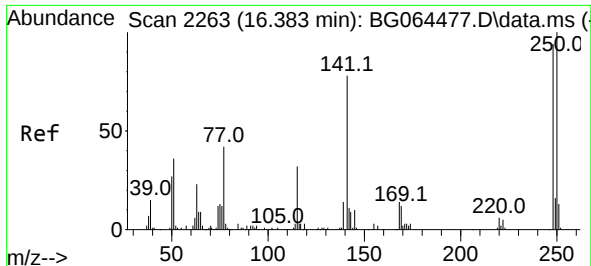
Tgt Ion:198 Resp: 29028
Ion Ratio Lower Upper
198 100
51 58.9 39.0 79.0
105 39.0 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 46.530 ng
RT: 15.702 min Scan# 2147
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:169 Resp: 134887
Ion Ratio Lower Upper
169 100
168 68.2 57.8 86.6
167 40.9 31.7 47.5





#67

4-Bromophenyl-phenylether

Concen: 48.089 ng

RT: 16.384 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

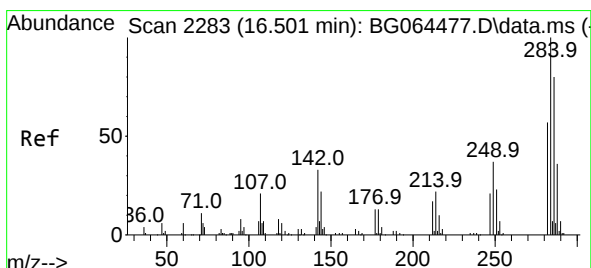
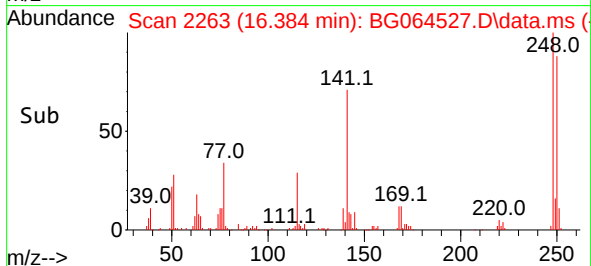
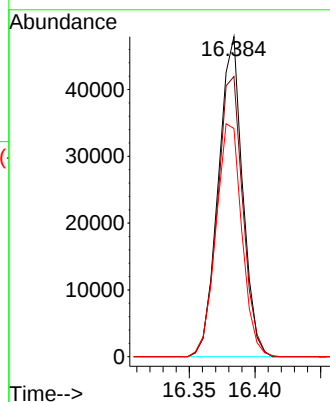
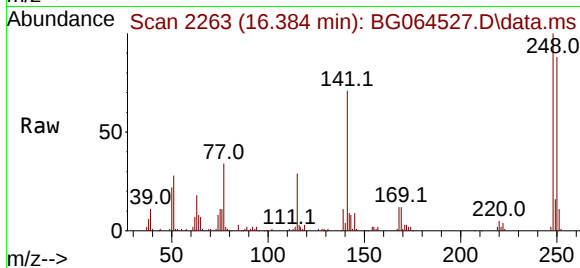
Tgt Ion:248 Resp: 61433

Ion Ratio Lower Upper

248 100

250 87.5 85.3 127.9

141 71.3 66.2 99.2



#68

Hexachlorobenzene

Concen: 48.988 ng

RT: 16.496 min Scan# 2282

Delta R.T. -0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

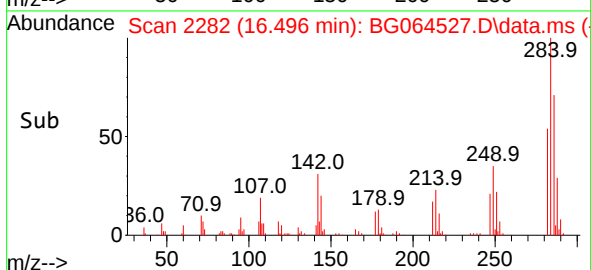
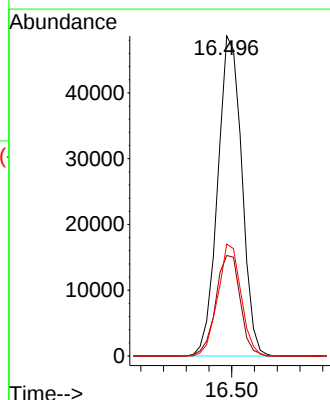
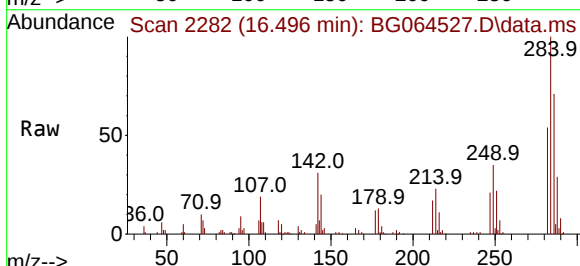
Tgt Ion:284 Resp: 71610

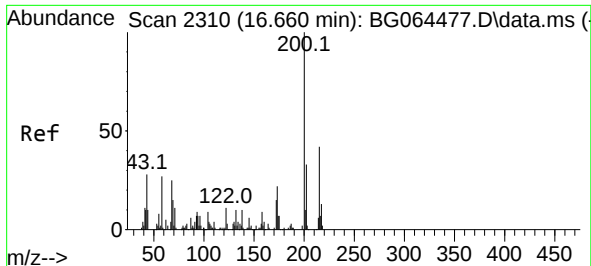
Ion Ratio Lower Upper

284 100

142 31.4 26.2 39.2

249 34.9 29.4 44.0

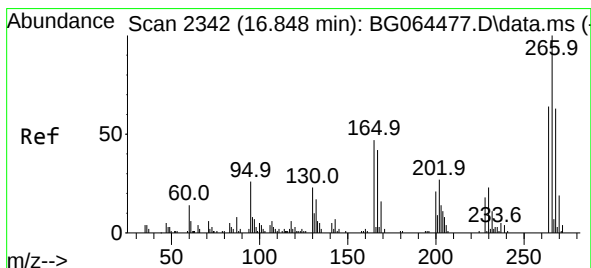
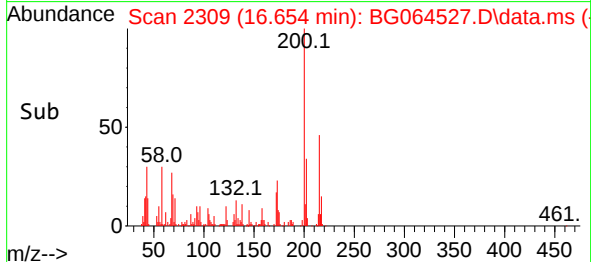
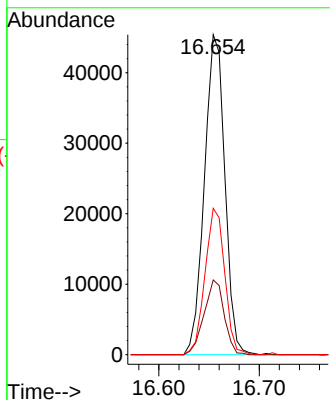
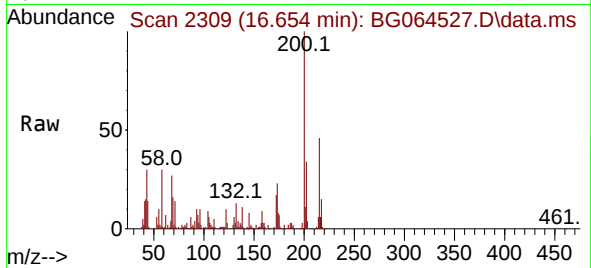




#69
Atrazine
Concen: 49.914 ng
RT: 16.654 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

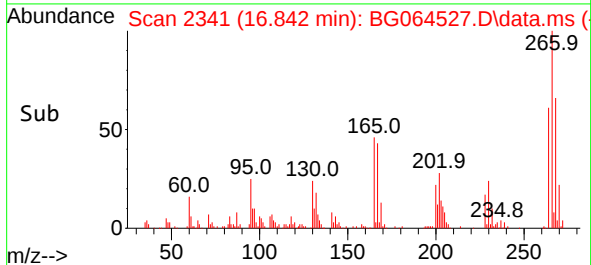
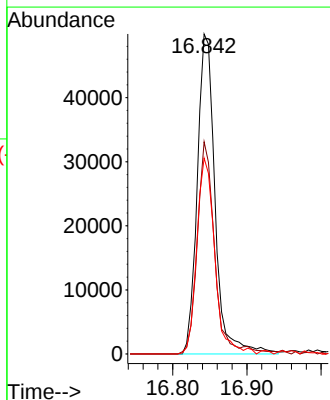
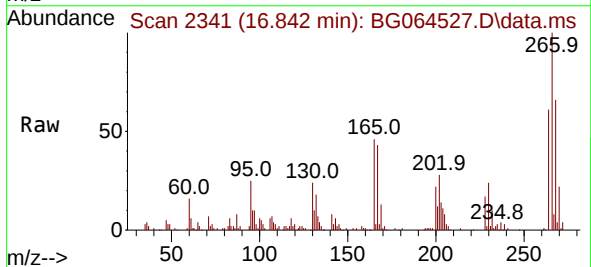
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

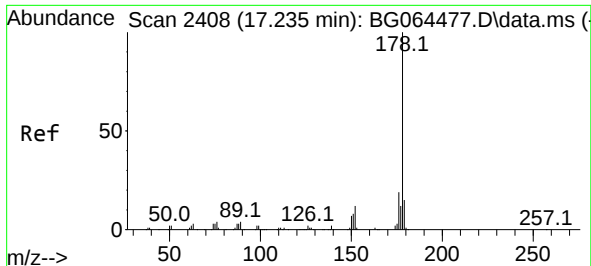
Tgt Ion:	200	Resp:	64376
Ion Ratio	Lower	Upper	
200	100		
173	23.4	2.5	42.5
215	45.7	21.5	61.5



#70
Pentachlorophenol
Concen: 97.814 ng
RT: 16.842 min Scan# 2341
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:	266	Resp:	83602
Ion Ratio	Lower	Upper	
266	100		
268	66.3	50.6	75.8
264	61.2	51.2	76.8

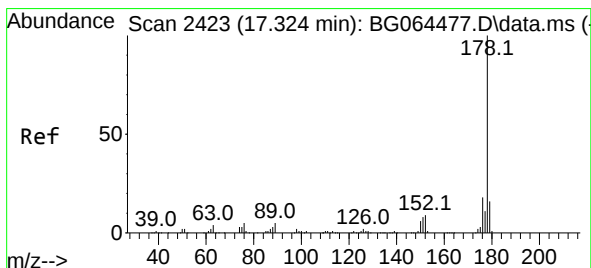
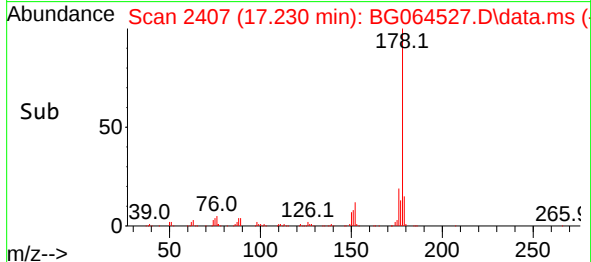
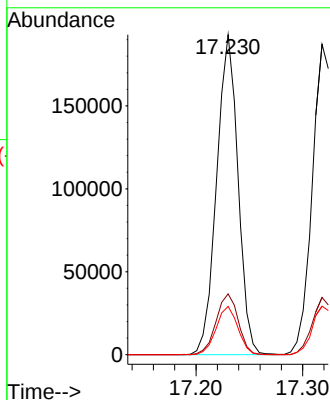
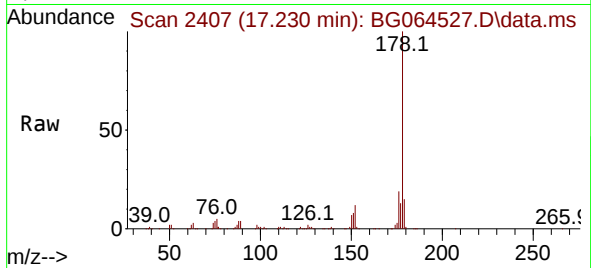




#71
Phenanthrene
Concen: 47.234 ng
RT: 17.230 min Scan# 2408
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

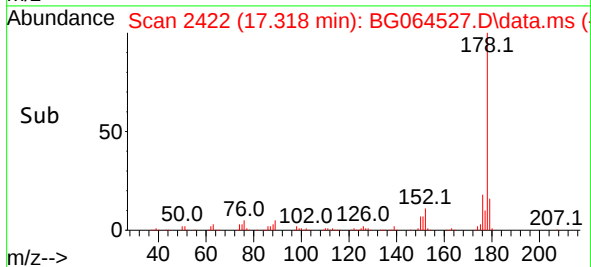
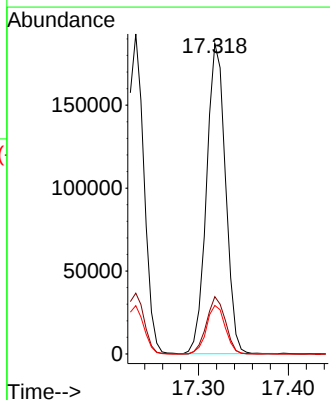
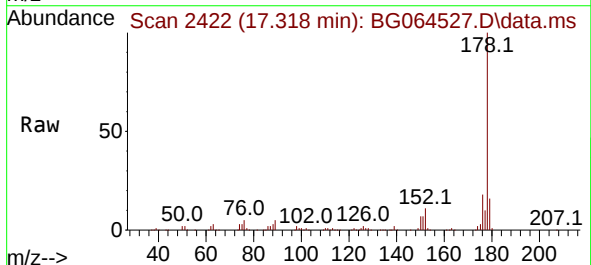
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

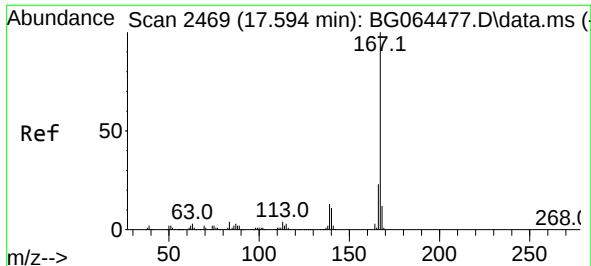
Tgt Ion:178 Resp: 268154
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.1 11.8 17.6



#72
Anthracene
Concen: 48.218 ng
RT: 17.318 min Scan# 2422
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:178 Resp: 274614
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.5 18.7

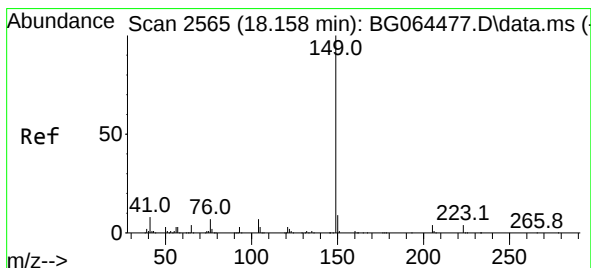
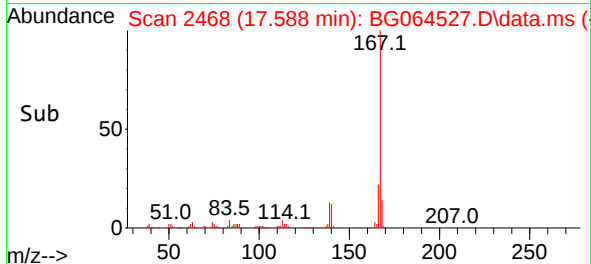
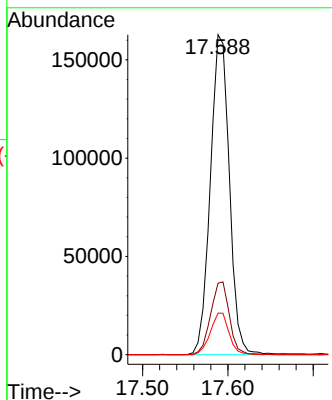
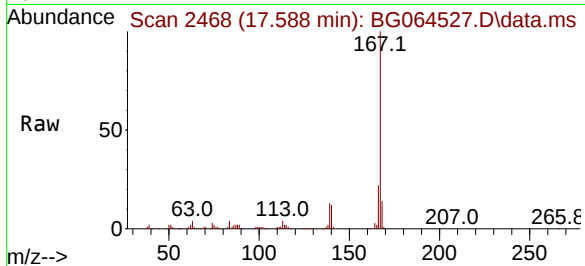




#73
Carbazole
Concen: 51.196 ng
RT: 17.588 min Scan# 2468
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

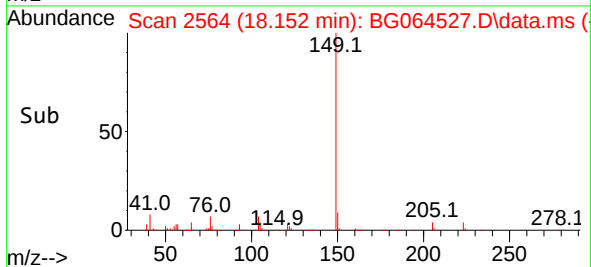
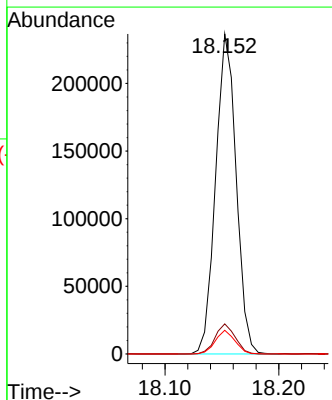
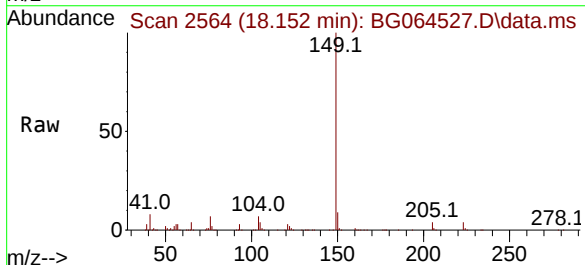
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

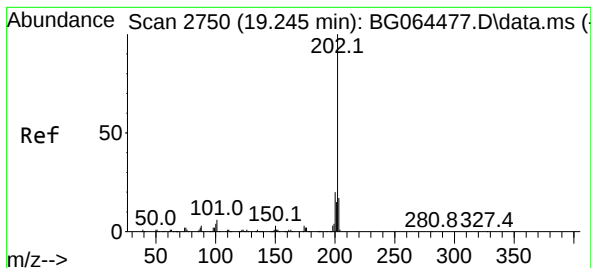
Tgt Ion:167 Resp: 252029
Ion Ratio Lower Upper
167 100
166 22.3 18.6 27.8
139 13.0 10.2 15.4



#74
Di-n-butylphthalate
Concen: 49.423 ng
RT: 18.152 min Scan# 2564
Delta R.T. -0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:149 Resp: 297010
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 7.4 5.3 7.9





#75

Fluoranthene

Concen: 51.326 ng

RT: 19.239 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

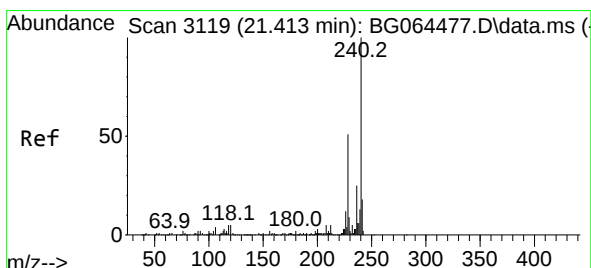
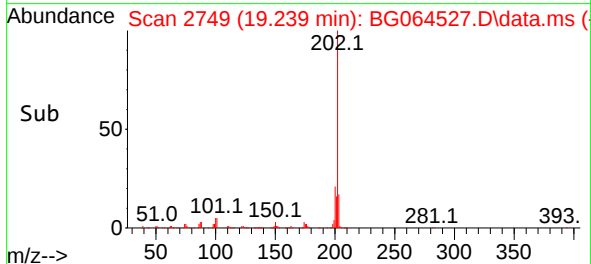
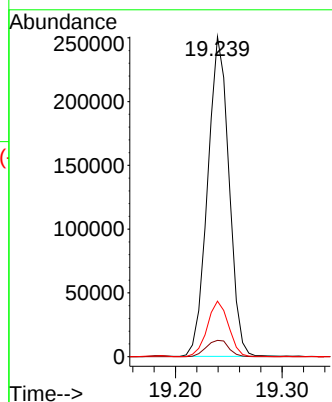
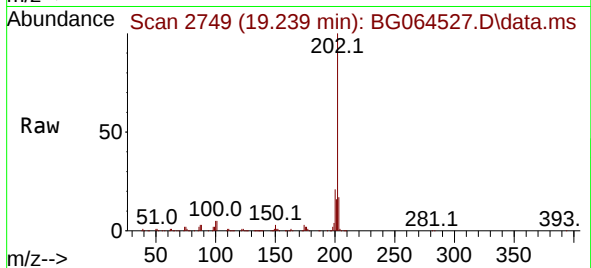
Tgt Ion:202 Resp: 348099

Ion Ratio Lower Upper

202 100

101 5.1 0.0 25.7

203 17.3 0.0 36.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.413 min Scan# 3119

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

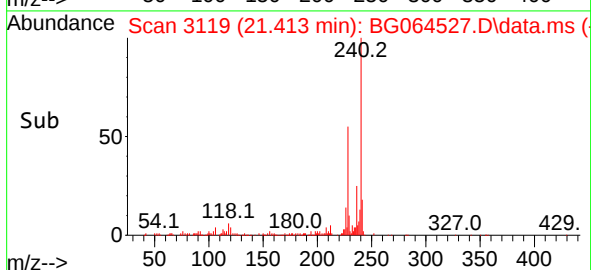
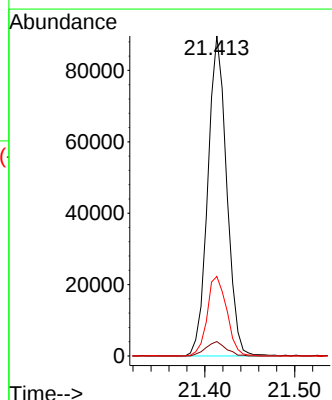
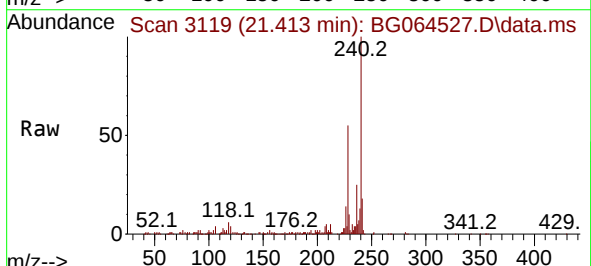
Tgt Ion:240 Resp: 130641

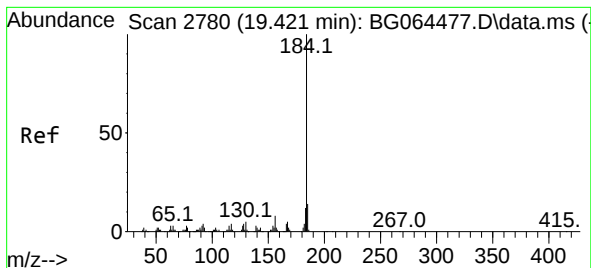
Ion Ratio Lower Upper

240 100

120 4.5 4.3 6.5

236 24.8 20.4 30.6





#77

Benzidine

Concen: 9.743 ng

RT: 19.427 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

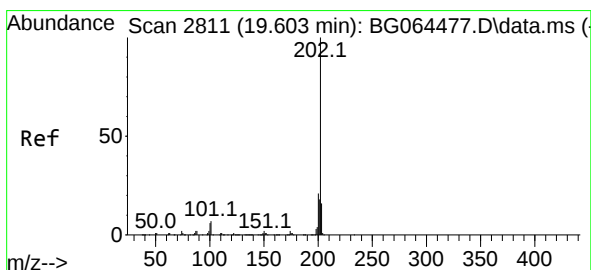
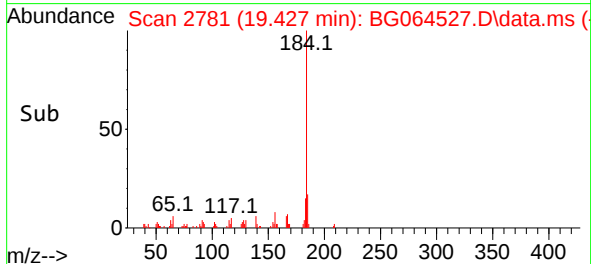
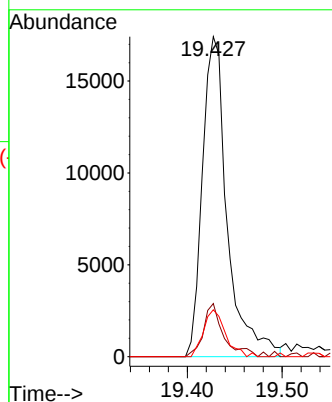
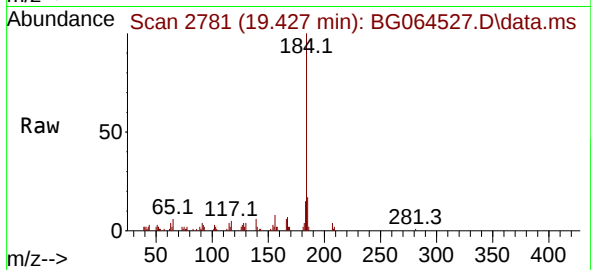
Tgt Ion:184 Resp: 31673

Ion Ratio Lower Upper

184 100

185 16.6 10.9 16.3#

183 14.7 9.8 14.6#



#78

Pyrene

Concen: 43.255 ng

RT: 19.604 min Scan# 2811

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

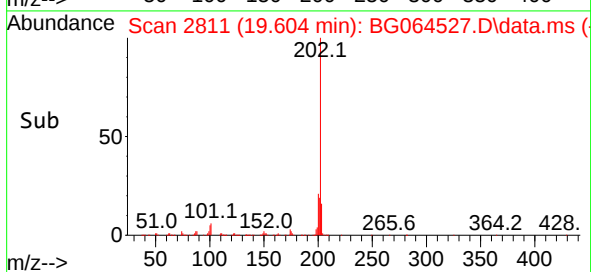
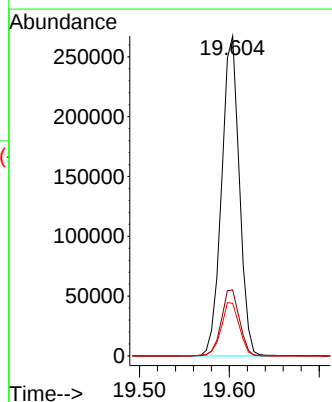
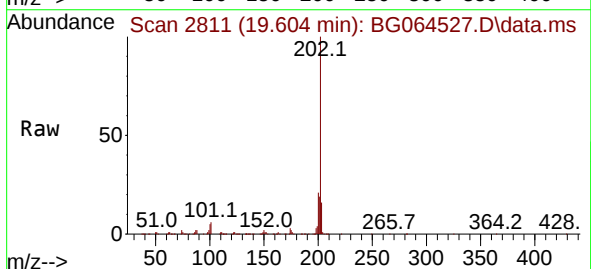
Tgt Ion:202 Resp: 366725

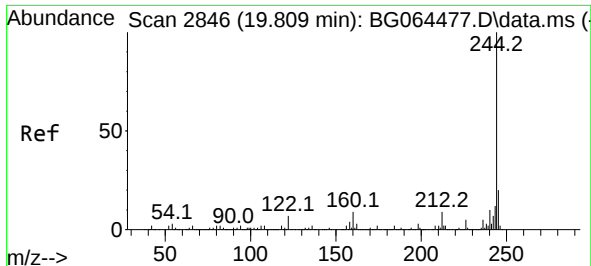
Ion Ratio Lower Upper

202 100

200 20.6 17.0 25.4

203 16.4 13.0 19.4

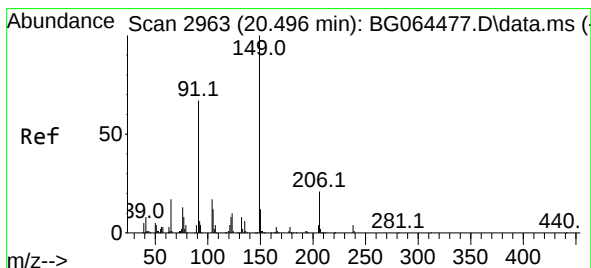
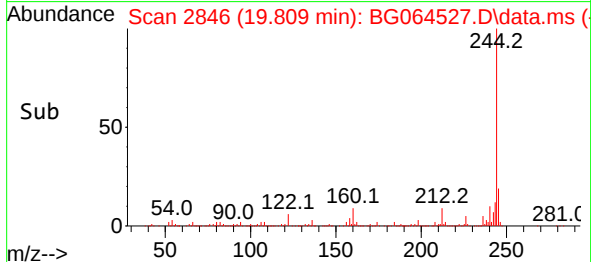
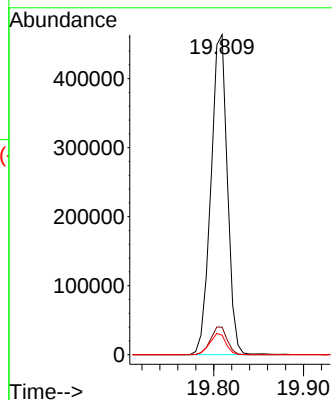
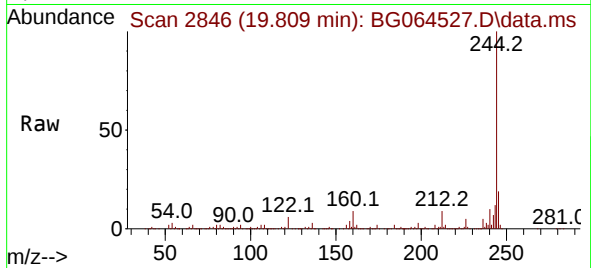




#79
 Terphenyl-d14
 Concen: 85.515 ng
 RT: 19.809 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

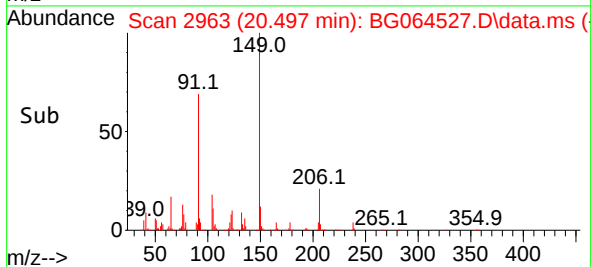
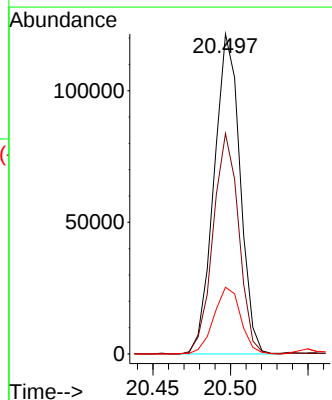
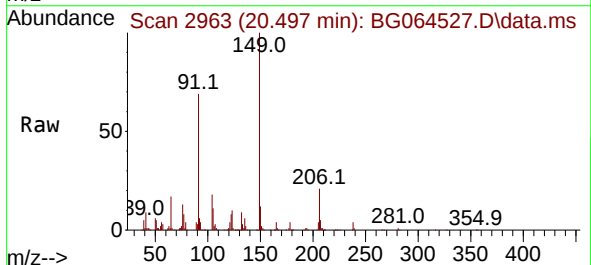
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

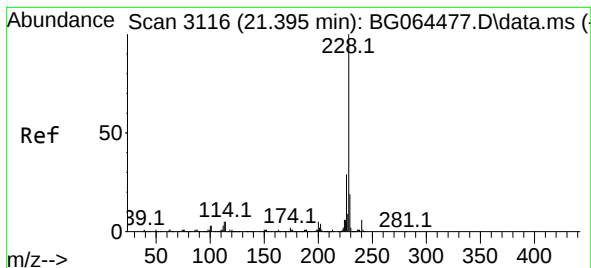
Tgt Ion:244 Resp: 590318
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 6.1 5.6 8.4



#80
 Butylbenzylphthalate
 Concen: 47.238 ng
 RT: 20.497 min Scan# 2963
 Delta R.T. -0.003 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

Tgt Ion:149 Resp: 141970
 Ion Ratio Lower Upper
 149 100
 91 68.9 53.7 80.5
 206 20.8 16.6 24.8





#81

Benzo(a)anthracene

Concen: 47.168 ng

RT: 21.396 min Scan# 3116

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

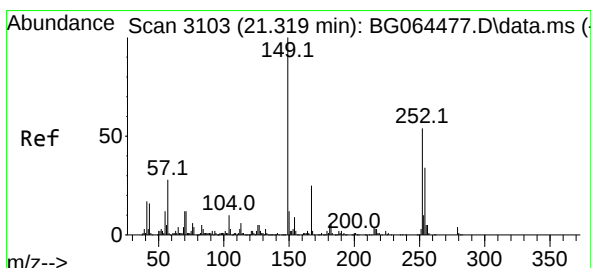
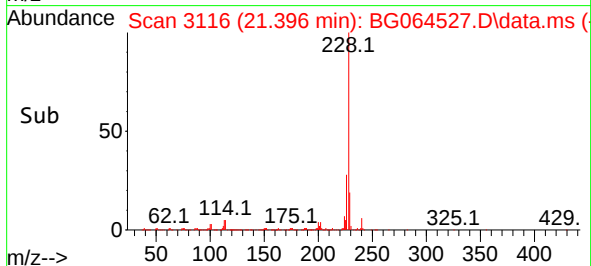
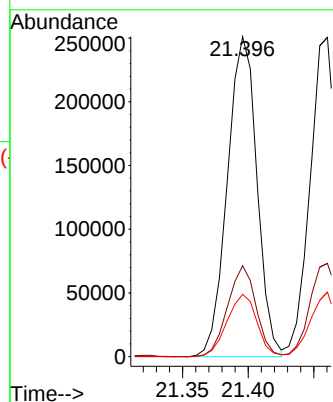
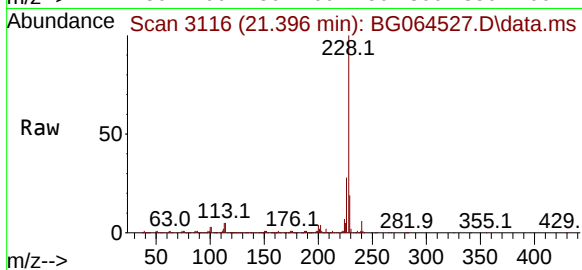
Tgt Ion:228 Resp: 393455

Ion Ratio Lower Upper

228 100

226 28.4 22.8 34.2

229 19.5 15.2 22.8



#82

3,3'-Dichlorobenzidine

Concen: 22.311 ng

RT: 21.319 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

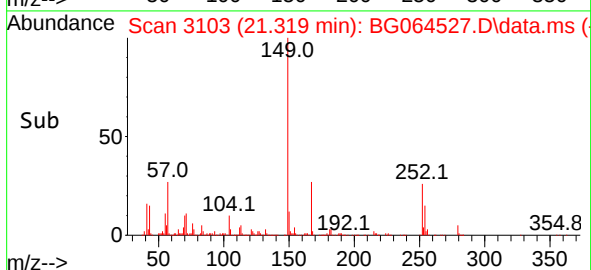
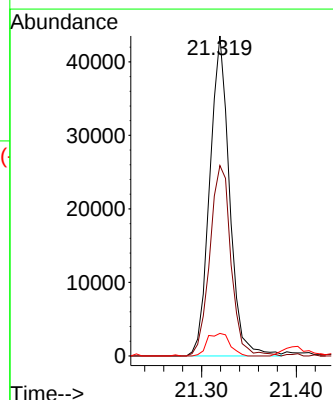
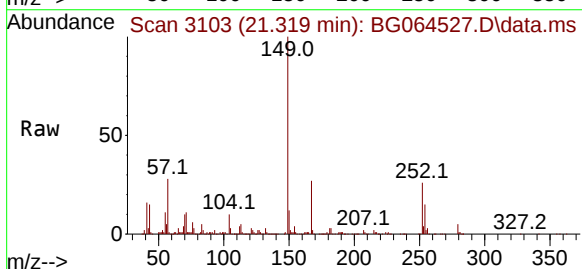
Tgt Ion:252 Resp: 62990

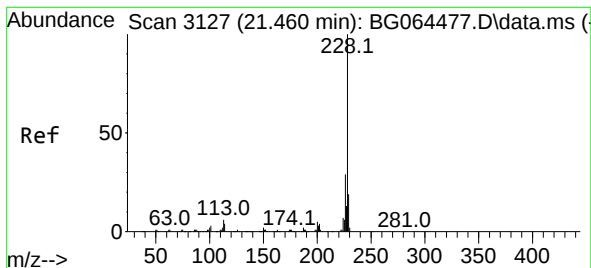
Ion Ratio Lower Upper

252 100

254 59.5 50.5 75.7

126 7.1 7.1 10.7#





#83

Chrysene

Concen: 46.893 ng

RT: 21.460 min Scan# 3127

Delta R.T. 0.009 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

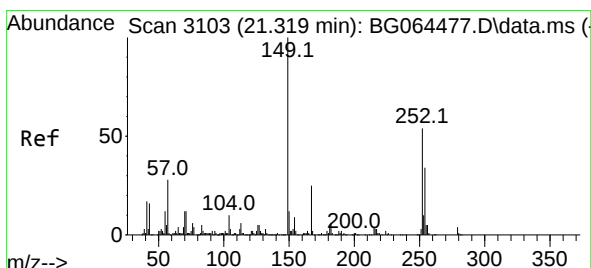
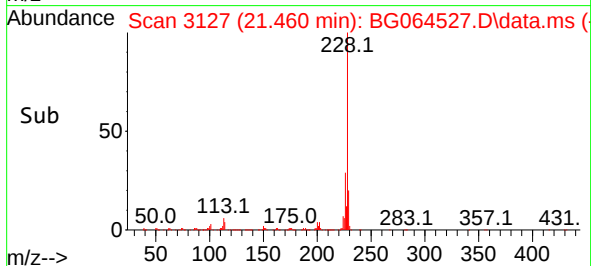
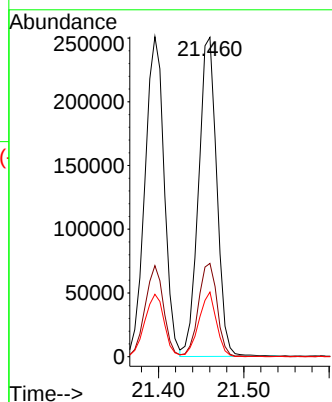
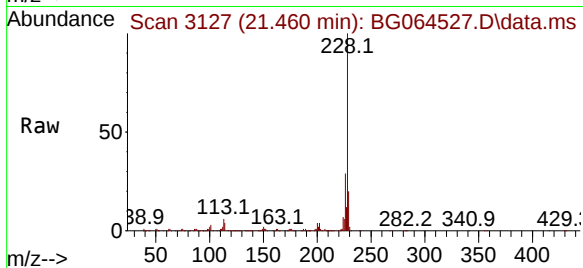
Tgt Ion:228 Resp: 370958

Ion Ratio Lower Upper

228 100

226 29.2 22.8 34.2

229 20.2 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.940 ng

RT: 21.319 min Scan# 3103

Delta R.T. 0.003 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

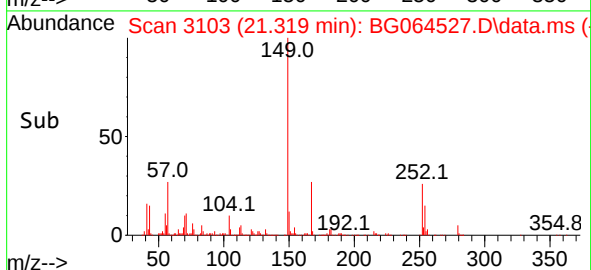
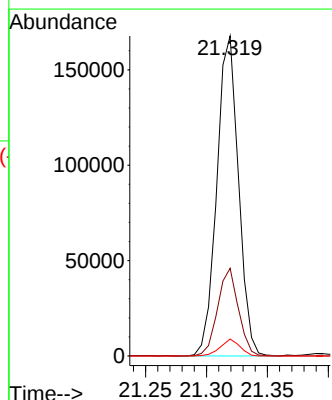
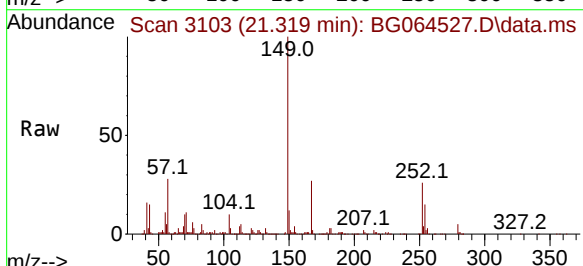
Tgt Ion:149 Resp: 207529

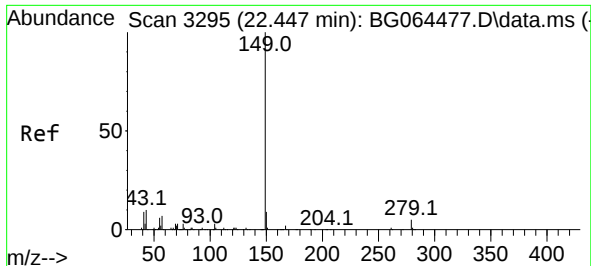
Ion Ratio Lower Upper

149 100

167 27.4 19.7 29.5

279 5.3 3.4 5.2#

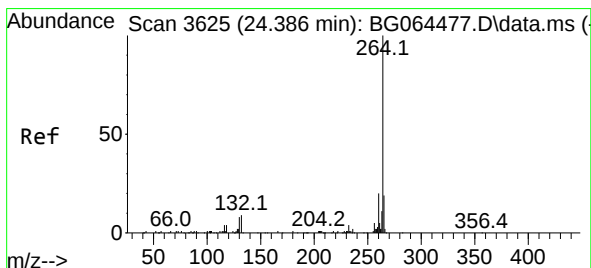
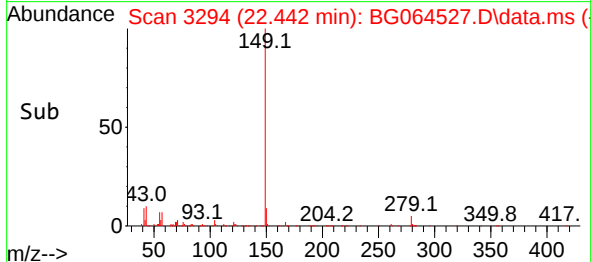
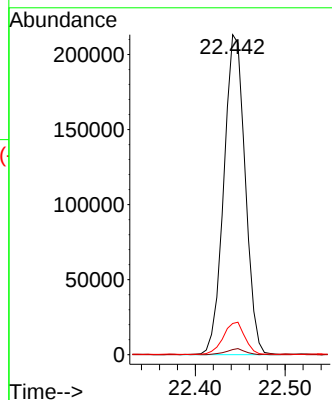
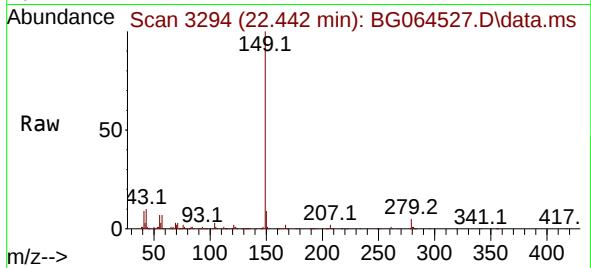




#85
Di-n-octyl phthalate
Concen: 49.344 ng
RT: 22.442 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

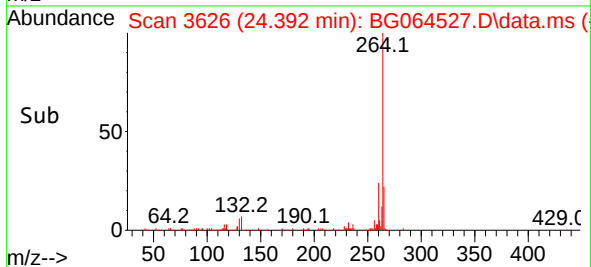
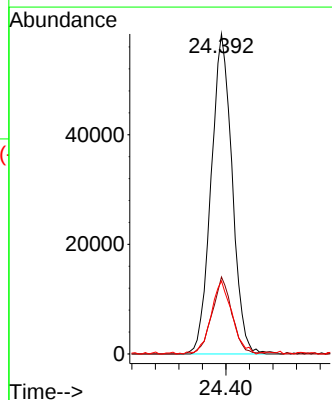
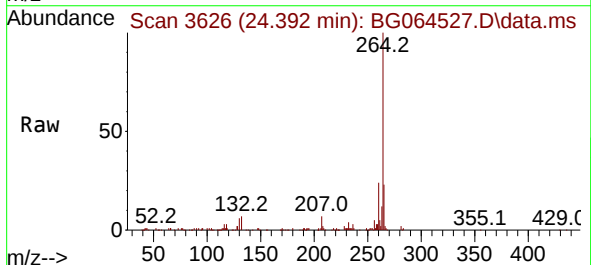
Instrument :
BNA_G
ClientSampleId :
SOIL-ROLLOFF-WC-1MS

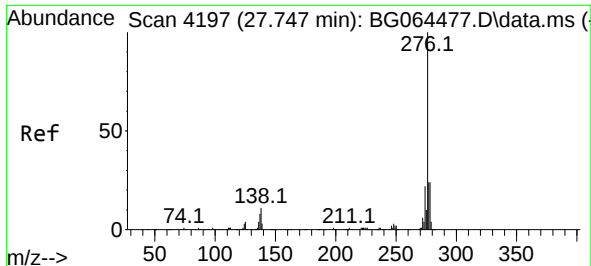
Tgt Ion:149 Resp: 351670
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.392 min Scan# 3626
Delta R.T. 0.003 min
Lab File: BG064527.D
Acq: 16 Oct 2025 22:24

Tgt Ion:264 Resp: 144766
Ion Ratio Lower Upper
264 100
260 24.1 16.2 24.4
265 22.8 15.0 22.4#

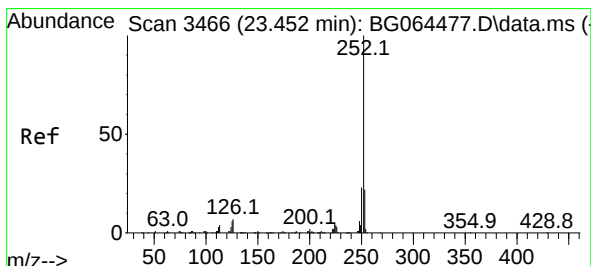
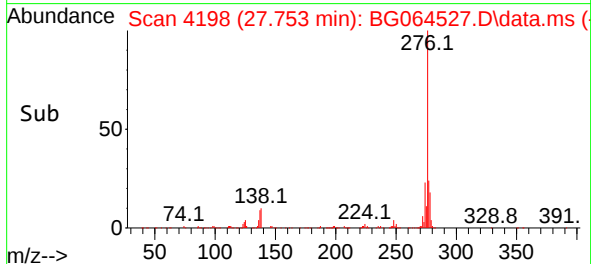
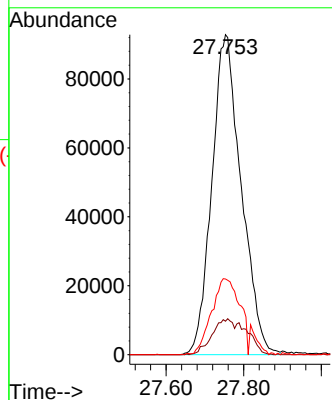
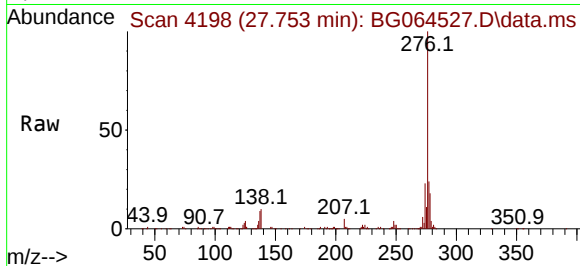




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.391 ng
 RT: 27.753 min Scan# 4198
 Delta R.T. 0.021 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

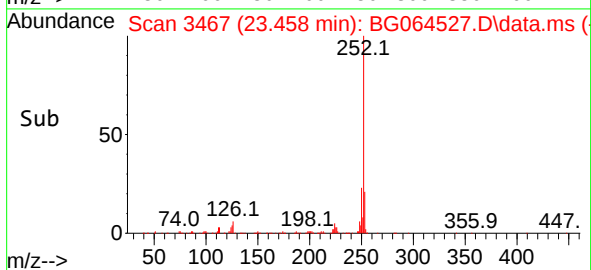
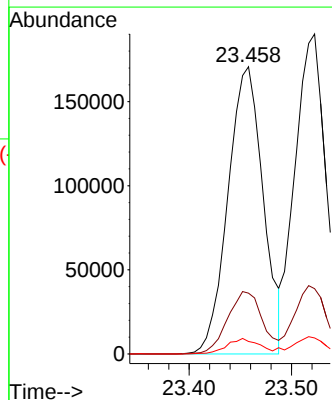
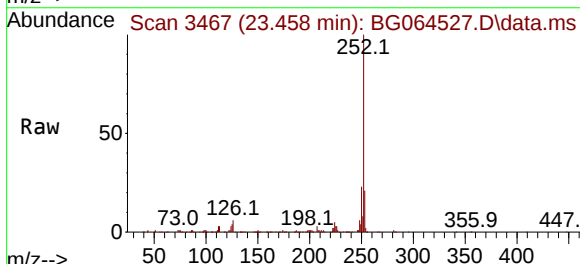
Instrument :
 BNA_G
 ClientSampleId :
 SOIL-ROLLOFF-WC-1MS

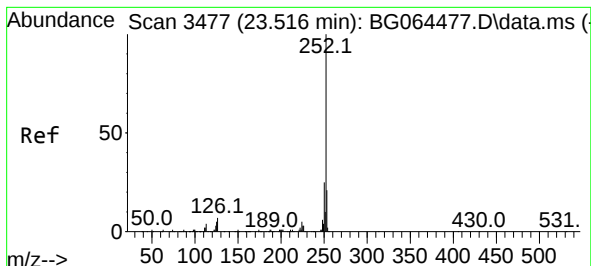
Tgt Ion:276 Resp: 487622
 Ion Ratio Lower Upper
 276 100
 138 8.2 10.8 16.2#
 277 22.8 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 49.633 ng m
 RT: 23.458 min Scan# 3467
 Delta R.T. 0.009 min
 Lab File: BG064527.D
 Acq: 16 Oct 2025 22:24

Tgt Ion:252 Resp: 408762
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 4.3 4.5 6.7#





#89

Benzo(k)fluoranthene

Concen: 48.397 ng

RT: 23.523 min Scan# 34

Delta R.T. 0.015 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

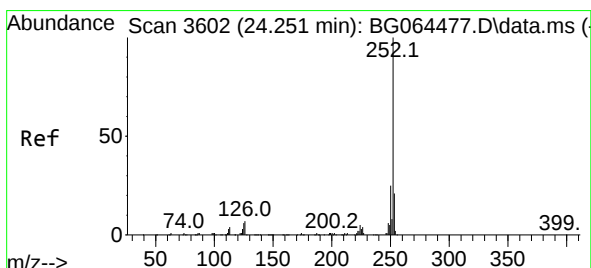
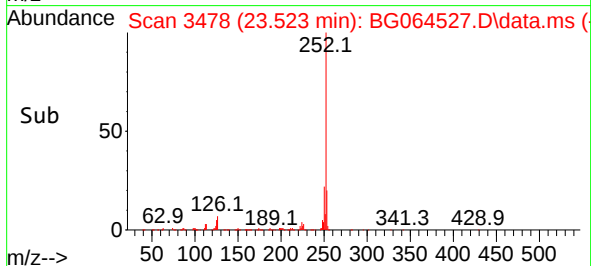
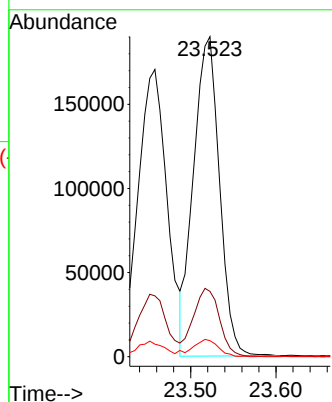
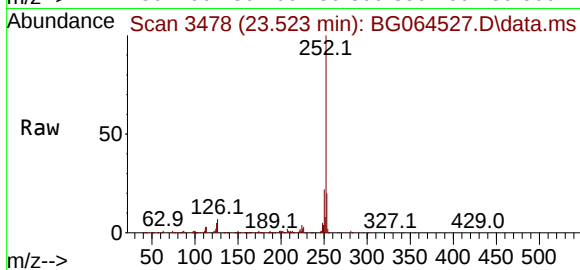
Tgt Ion:252 Resp: 401442

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

125 5.0 4.0 6.0



#90

Benzo(a)pyrene

Concen: 50.302 ng

RT: 24.257 min Scan# 3603

Delta R.T. 0.009 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

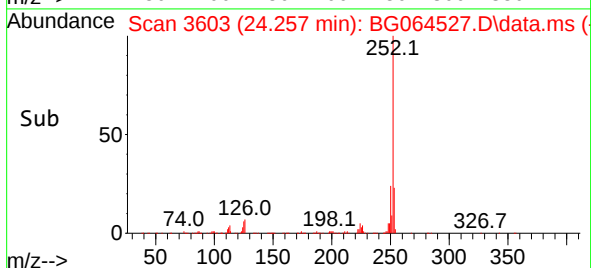
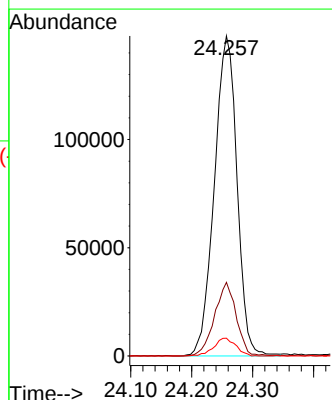
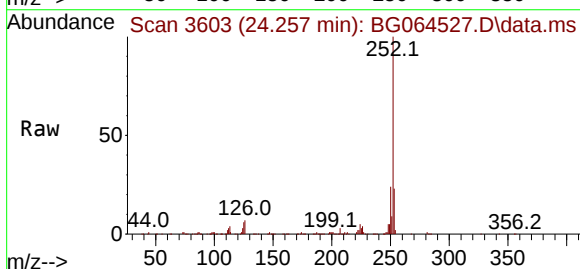
Tgt Ion:252 Resp: 381809

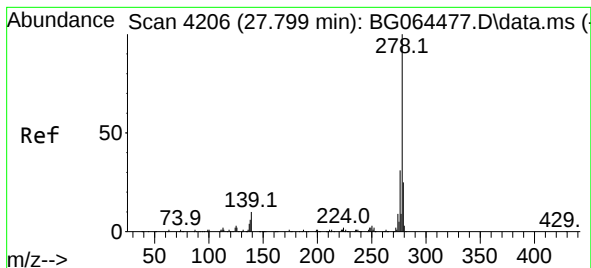
Ion Ratio Lower Upper

252 100

253 23.0 17.1 25.7

125 5.6 4.6 6.8





#91

Dibenzo(a,h)anthracene

Concen: 50.116 ng

RT: 27.806 min Scan# 4376

Delta R.T. 0.026 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Instrument :

BNA_G

ClientSampleId :

SOIL-ROLLOFF-WC-1MS

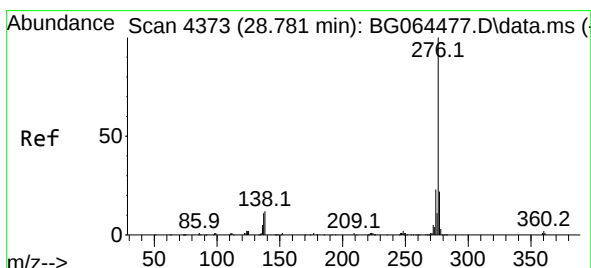
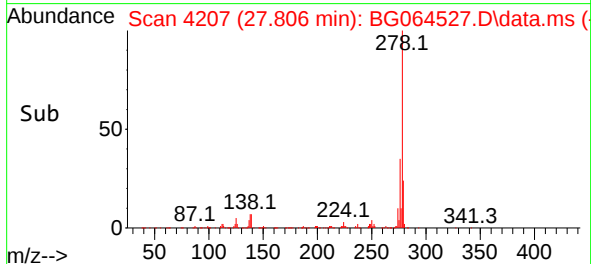
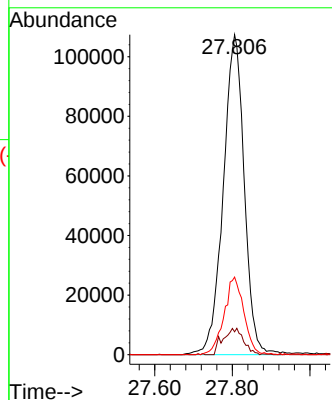
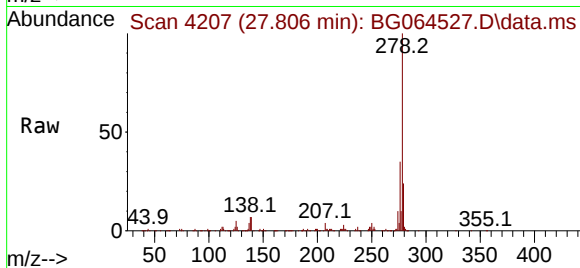
Tgt Ion:278 Resp: 403853

Ion Ratio Lower Upper

278 100

139 7.2 8.2 12.2#

279 24.2 19.6 29.4



#92

Benzo(g,h,i)perylene

Concen: 50.495 ng

RT: 28.799 min Scan# 4376

Delta R.T. 0.032 min

Lab File: BG064527.D

Acq: 16 Oct 2025 22:24

Tgt Ion:276 Resp: 395429

Ion Ratio Lower Upper

276 100

277 22.9 17.8 26.6

138 10.3 9.4 14.0

