

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
 Data File : BG060485.D
 Acq On : 30 Jan 2024 15:54
 Operator : MA/JU
 Sample : P1270-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126MS

Quant Time: Jan 30 16:27:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	159205	20.000	ng	-0.01
21) Naphthalene-d8	10.722	136	635794	20.000	ng	0.00
39) Acenaphthene-d10	14.559	164	488305	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1274004	20.000	ng	0.00
76) Chrysene-d12	21.574	240	1209178	20.000	ng	0.00
86) Perylene-d12	24.735	264	1389701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1064957	110.023	ng	0.00
7) Phenol-d6	7.091	99	1467371	102.378	ng	0.00
23) Nitrobenzene-d5	9.083	82	924502	68.662	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	859733	119.667	ng	0.00
45) 2-Fluorobiphenyl	13.184	172	2424739	69.038	ng	0.00
79) Terphenyl-d14	19.929	244	3947955	80.848	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.390	88	150596	34.060	ng	# 94
3) Pyridine	3.789	79	404025	32.387	ng	90
4) n-Nitrosodimethylamine	3.707	42	159219	40.781	ng	# 93
6) Aniline	7.250	93	304531	21.257	ng	97
8) 2-Chlorophenol	7.485	128	418276	43.603	ng	94
9) Benzaldehyde	7.056	77	179469	21.814	ng	97
10) Phenol	7.121	94	615674	42.843	ng	97
11) bis(2-Chloroethyl)ether	7.344	93	420329	35.895	ng	97
12) 1,3-Dichlorobenzene	7.808	146	498467	41.399	ng	99
13) 1,4-Dichlorobenzene	7.955	146	500825	40.995	ng	98
14) 1,2-Dichlorobenzene	8.272	146	487882	38.838	ng	99
15) Benzyl Alcohol	8.161	79	420520	45.325	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.437	45	586875	41.292	ng	96
17) 2-Methylphenol	8.366	107	404695	41.001	ng	100
18) Hexachloroethane	9.001	117	172090	40.177	ng	93
19) n-Nitroso-di-n-propyla...	8.725	70	382667	38.576	ng	97
20) 3+4-Methylphenols	8.695	107	585013	43.959	ng	97
22) Acetophenone	8.742	105	742996	42.513	ng	# 99
24) Nitrobenzene	9.124	77	545299	39.067	ng	97
25) Isophorone	9.647	82	1049635	38.818	ng	96
26) 2-Nitrophenol	9.835	139	254637	49.617	ng	# 95
27) 2,4-Dimethylphenol	9.894	122	371191	54.738	ng	98
28) bis(2-Chloroethoxy)met...	10.129	93	651918	39.459	ng	99
29) 2,4-Dichlorophenol	10.376	162	522252	47.525	ng	95
30) 1,2,4-Trichlorobenzene	10.587	180	573641	41.959	ng	95
31) Naphthalene	10.775	128	1414056	42.429	ng	99
32) Benzoic acid	10.047	122	270475	45.767	ng	90
33) 4-Chloroaniline	10.887	127	180080	14.023	ng	97
34) Hexachlorobutadiene	11.057	225	378318	42.479	ng	99
35) Caprolactam	11.656	113	96165	27.170	ng	92
36) 4-Chloro-3-methylphenol	12.015	107	527574	47.258	ng	94
37) 2-Methylnaphthalene	12.385	142	1076409	43.548	ng	99
38) 1-Methylnaphthalene	12.602	142	1013699	40.841	ng	96
40) 1,2,4,5-Tetrachloroben...	12.749	216	772606	44.550	ng	99
41) Hexachlorocyclopentadiene	12.732	237	750969	130.427	ng	98
43) 2,4,6-Trichlorophenol	12.996	196	505727	45.823	ng	98

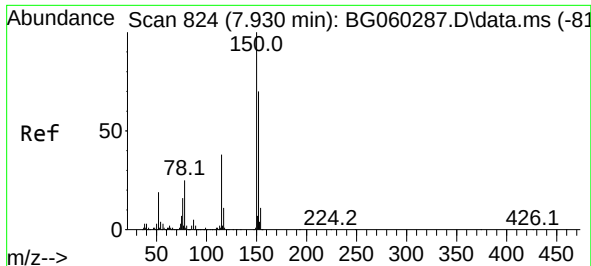
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013024\
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 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	547981	45.016	ng	99
46) 1,1'-Biphenyl	13.396	154	1543403	41.873	ng	96
47) 2-Chloronaphthalene	13.437	162	1278475	40.488	ng	99
48) 2-Nitroaniline	13.642	65	358613	45.603	ng	98
49) Acenaphthylene	14.283	152	2041453	46.948	ng	99
50) Dimethylphthalate	14.018	163	1573355	42.164	ng	97
51) 2,6-Dinitrotoluene	14.136	165	356085	44.721	ng	95
52) Acenaphthene	14.624	154	1161454	42.896	ng	99
53) 3-Nitroaniline	14.471	138	198815	27.403	ng	91
54) 2,4-Dinitrophenol	14.676	184	456802	93.052	ng	97
55) Dibenzofuran	14.958	168	1988955	44.004	ng	98
56) 4-Nitrophenol	14.788	139	586356	108.957	ng	93
57) 2,4-Dinitrotoluene	14.929	165	507552	46.485	ng	93
58) Fluorene	15.611	166	1591856	42.528	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.188	232	531116	51.380	ng	98
60) Diethylphthalate	15.376	149	1522873	42.510	ng	96
61) 4-Chlorophenyl-phenyle...	15.599	204	883856	42.865	ng	97
62) 4-Nitroaniline	15.640	138	348339	45.111	ng	95
63) Azobenzene	15.893	77	1508468	41.632	ng	98
65) 4,6-Dinitro-2-methylph...	15.693	198	343548	48.744	ng	91
66) n-Nitrosodiphenylamine	15.816	169	1455202	43.018	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	611145	43.657	ng	99
68) Hexachlorobenzene	16.615	284	701983	42.363	ng	98
69) Atrazine	16.768	200	617182	48.385	ng	100
70) Pentachlorophenol	16.962	266	881637	98.707	ng	94
71) Phenanthrene	17.356	178	2780723	45.157	ng	96
72) Anthracene	17.444	178	2834439	46.103	ng	96
73) Carbazole	17.714	167	2518346	43.449	ng	97
74) Di-n-butylphthalate	18.272	149	2765538	46.372	ng	97
75) Fluoranthene	19.371	202	3310746	44.762	ng	93
77) Benzidine	19.559	184	1175619	44.752	ng	98
78) Pyrene	19.735	202	3449102	44.667	ng	91
80) Butylbenzylphthalate	20.617	149	1268154	47.736	ng	95
81) Benzo(a)anthracene	21.557	228	3476638	46.444	ng	96
82) 3,3'-Dichlorobenzidine	21.474	252	604874	21.099	ng	99
83) Chrysene	21.621	228	3321175	45.111	ng	96
84) Bis(2-ethylhexyl)phtha...	21.457	149	1855893	46.231	ng	100
85) Di-n-octyl phthalate	22.644	149	3183639	48.938	ng	99
87) Indeno(1,2,3-cd)pyrene	28.349	276	4332159	44.834	ng	# 95
88) Benzo(b)fluoranthene	23.736	252	3634805	44.274	ng	96
89) Benzo(k)fluoranthene	23.801	252	3515004	43.387	ng	96
90) Benzo(a)pyrene	24.588	252	3349458	45.163	ng	99
91) Dibenzo(a,h)anthracene	28.407	278	3431348	43.483	ng	98
92) Benzo(g,h,i)perylene	29.477	276	3429331	42.401	ng	100

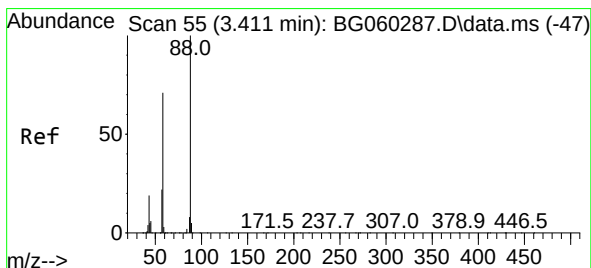
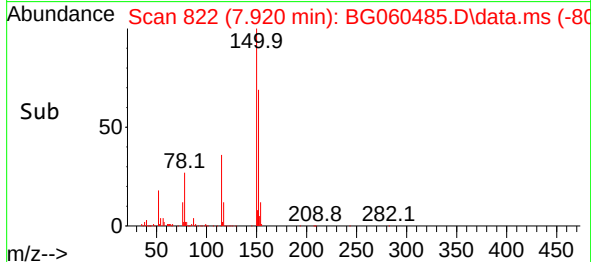
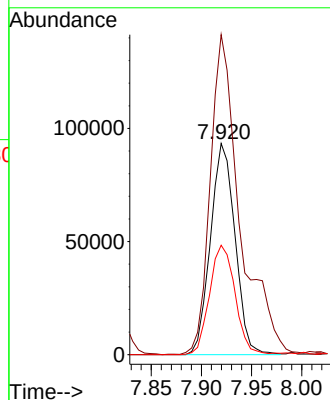
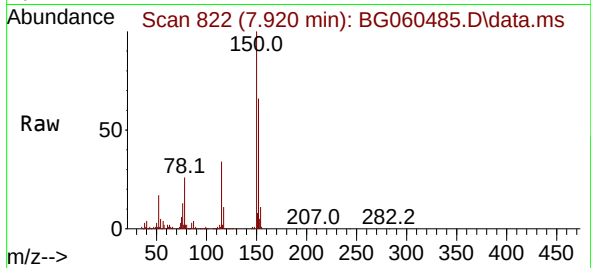
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.920 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: BG060485.D
 Acq: 30 Jan 2024 15:54

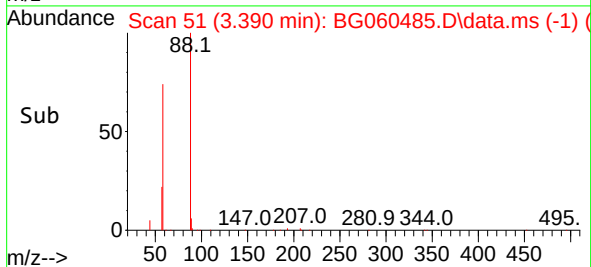
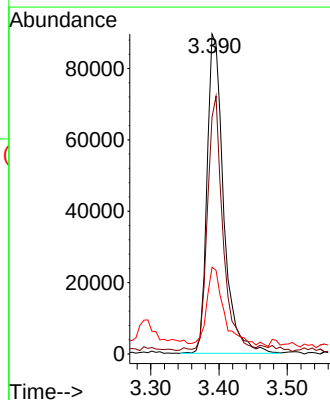
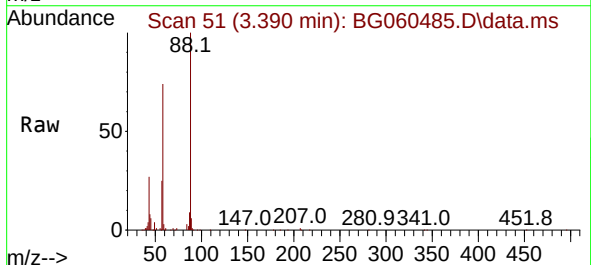
Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126MS

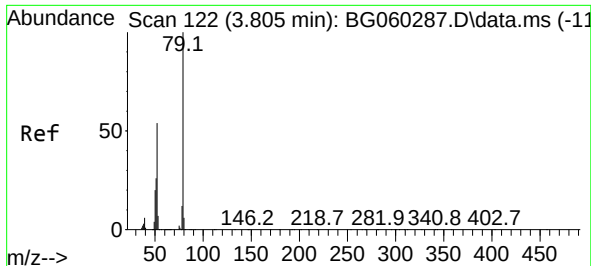
Tgt Ion:152 Resp: 159205
 Ion Ratio Lower Upper
 152 100
 150 151.6 114.5 171.7
 115 51.8 43.0 64.6



#2
 1,4-Dioxane
 Concen: 34.060 ng
 RT: 3.390 min Scan# 51
 Delta R.T. -0.022 min
 Lab File: BG060485.D
 Acq: 30 Jan 2024 15:54

Tgt Ion: 88 Resp: 150596
 Ion Ratio Lower Upper
 88 100
 58 72.7 55.9 83.9
 43 26.8 16.6 24.8#





#3

Pyridine

Concen: 32.387 ng

RT: 3.789 min Scan# 119

Delta R.T. -0.016 min

Lab File: BG060485.D

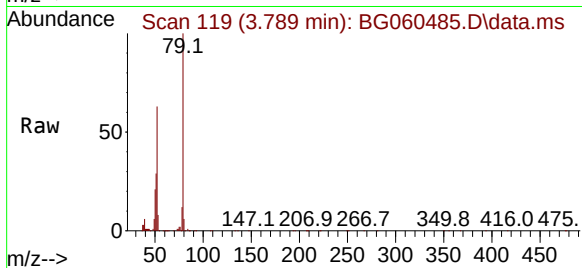
Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS



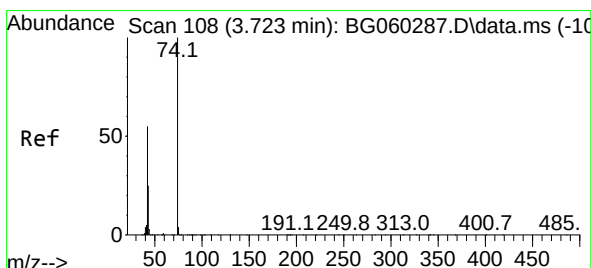
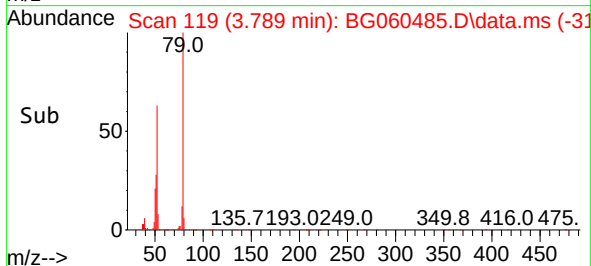
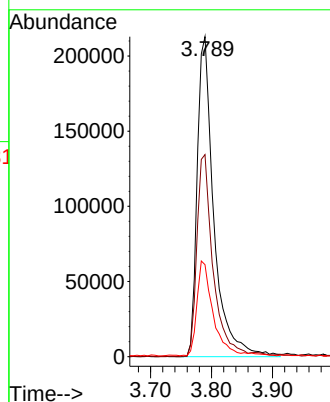
Tgt Ion: 79 Resp: 404025

Ion Ratio Lower Upper

79 100

52 63.2 43.2 64.8

51 28.7 21.4 32.2



#4

n-Nitrosodimethylamine

Concen: 40.781 ng

RT: 3.707 min Scan# 105

Delta R.T. -0.016 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

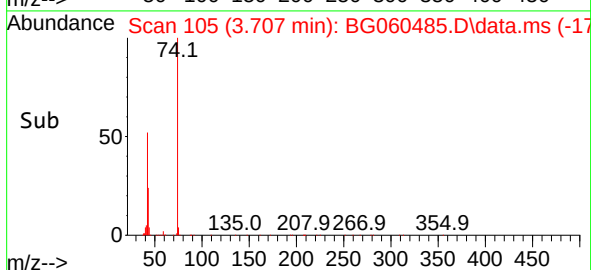
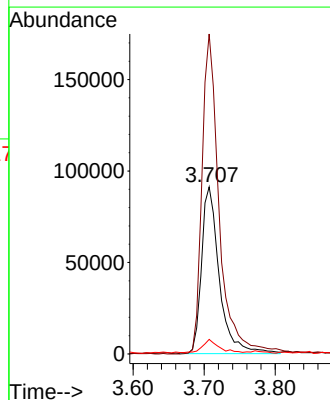
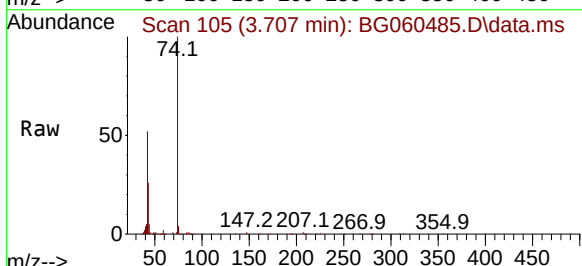
Tgt Ion: 42 Resp: 159219

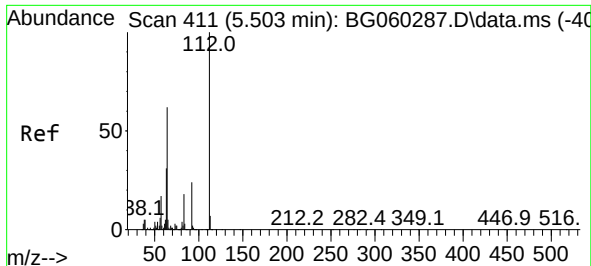
Ion Ratio Lower Upper

42 100

74 191.5 145.1 217.7

44 8.7 5.2 7.8#

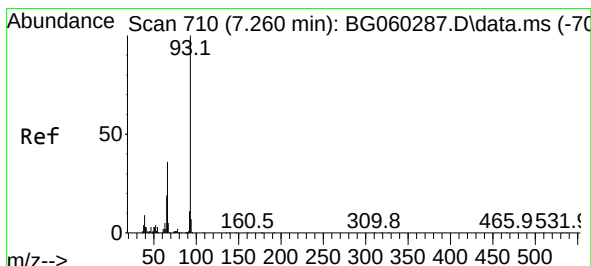
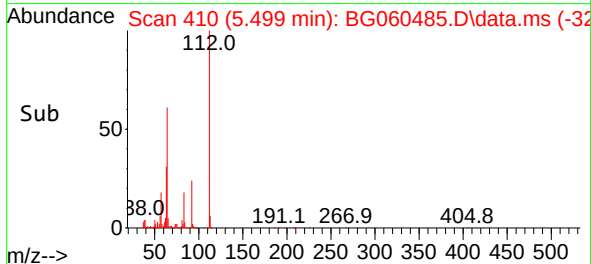
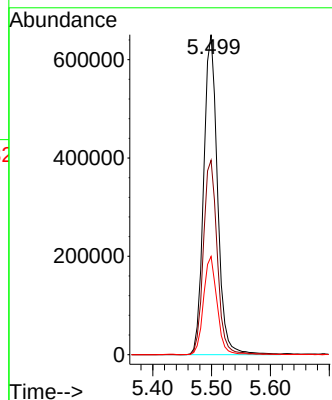
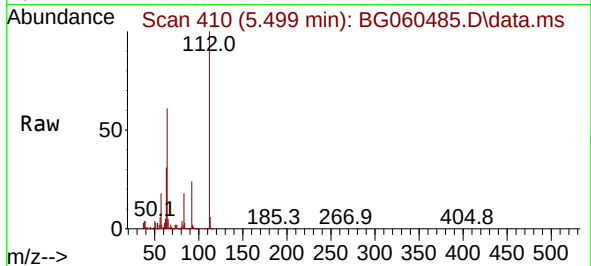




#5
2-Fluorophenol
Concen: 110.023 ng
RT: 5.499 min Scan# 411
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

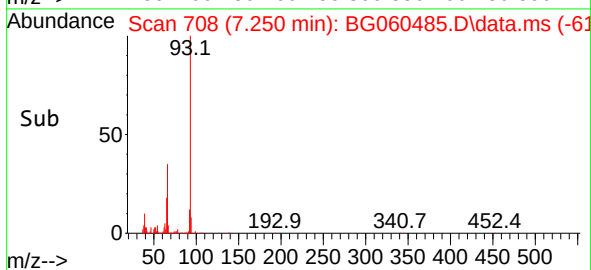
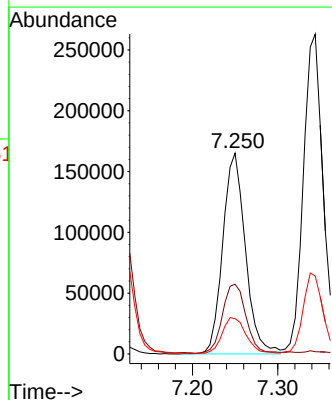
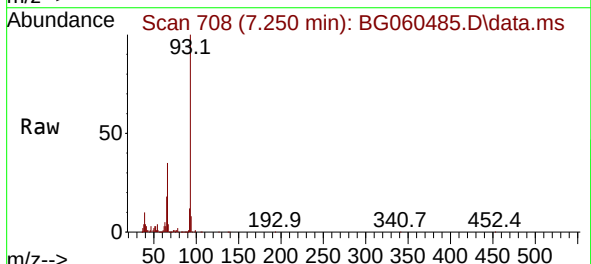
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ClientSampleId :
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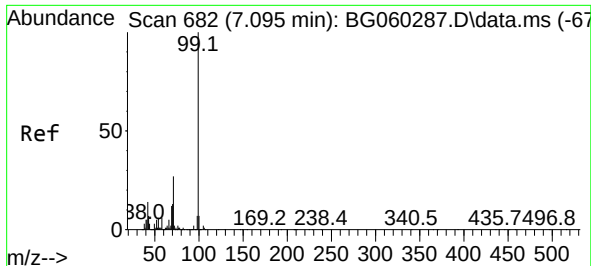
Tgt Ion:112 Resp: 1064957
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 30.7 24.4 36.6



#6
Aniline
Concen: 21.257 ng
RT: 7.250 min Scan# 708
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 93 Resp: 304531
Ion Ratio Lower Upper
93 100
66 34.7 29.0 43.4
65 17.7 15.1 22.7



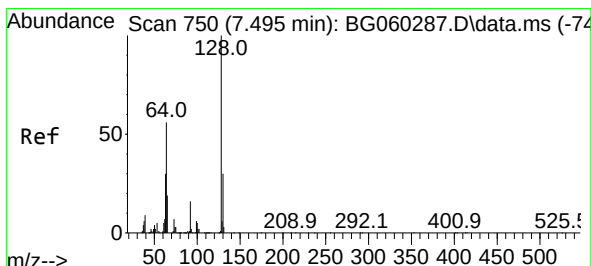
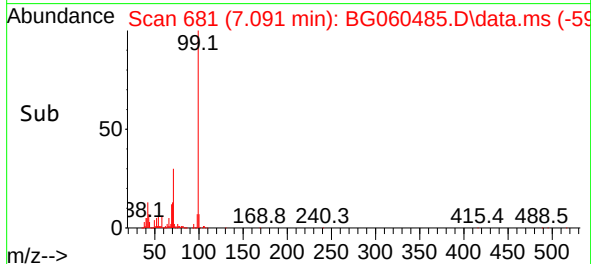
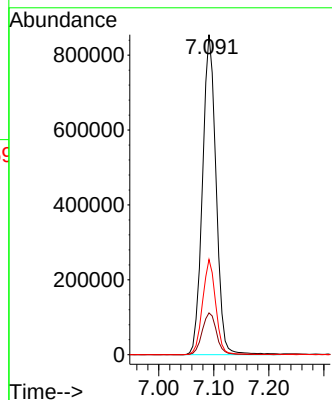
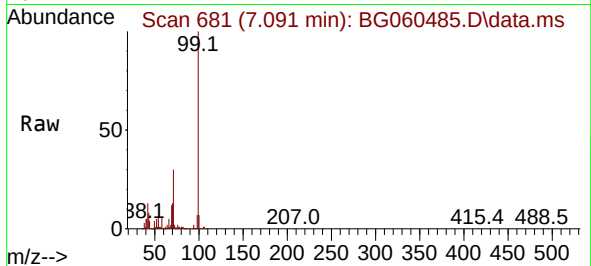


#7
Phenol-d6
Concen: 102.378 ng
RT: 7.091 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 99 Resp: 1467371

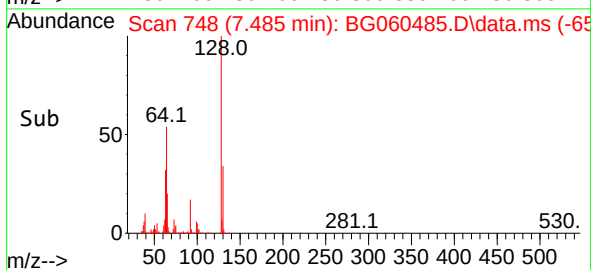
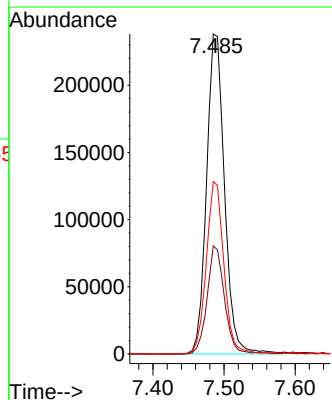
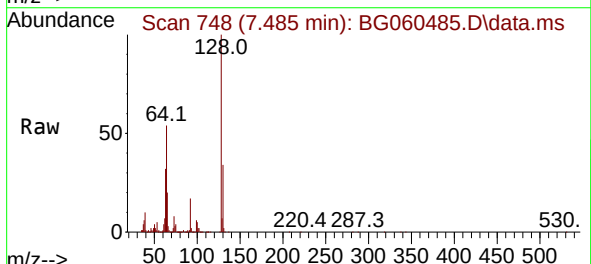
Ion	Ratio	Lower	Upper
99	100		
42	13.1	10.9	16.3
71	29.7	21.5	32.3

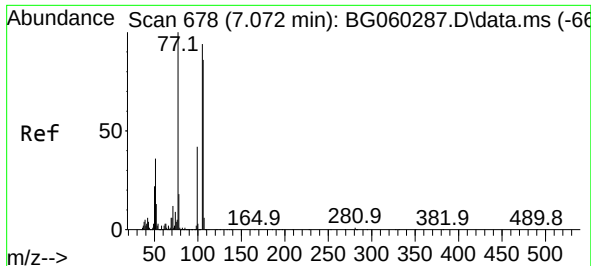


#8
2-Chlorophenol
Concen: 43.603 ng
RT: 7.485 min Scan# 748
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 128 Resp: 418276

Ion	Ratio	Lower	Upper
128	100		
130	33.7	9.9	49.9
64	53.8	37.8	77.8

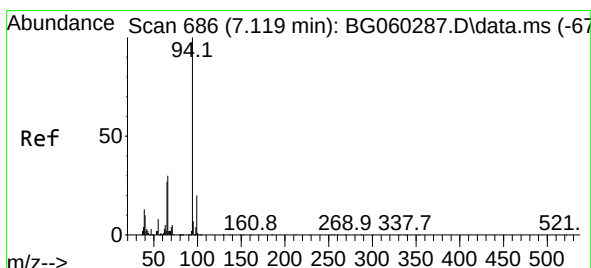
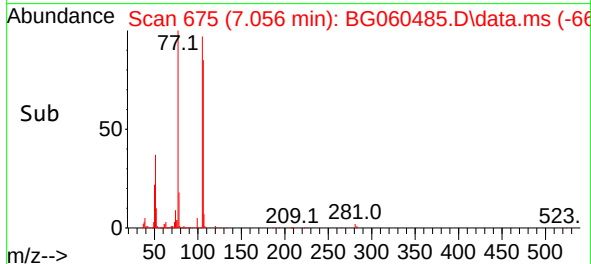
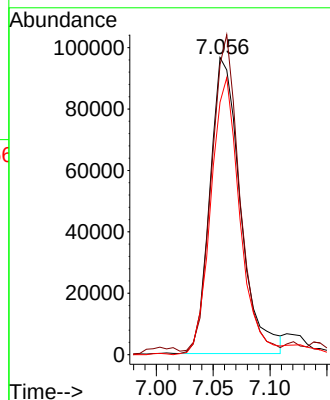
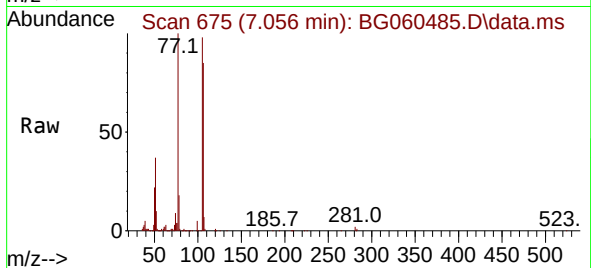




#9
Benzaldehyde
Concen: 21.814 ng
RT: 7.056 min Scan# 61
Delta R.T. -0.016 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

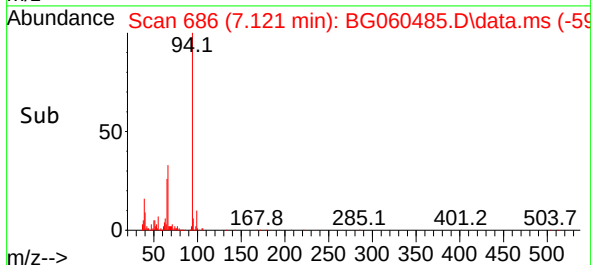
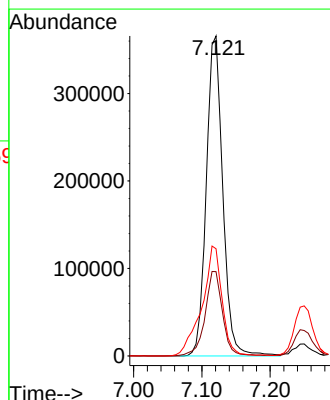
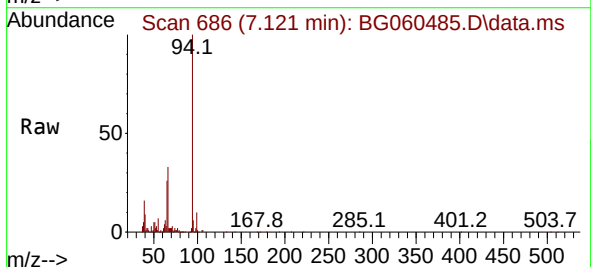
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BNA_G
ClientSampleId :
WC-SOIL-20240126MS

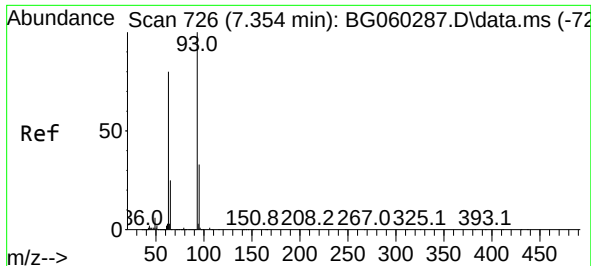
Tgt Ion: 77 Resp: 179469
Ion Ratio Lower Upper
77 100
105 97.6 73.6 113.6
106 84.9 66.2 106.2



#10
Phenol
Concen: 42.843 ng
RT: 7.121 min Scan# 686
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 94 Resp: 615674
Ion Ratio Lower Upper
94 100
65 26.3 6.7 46.7
66 33.5 10.6 50.6

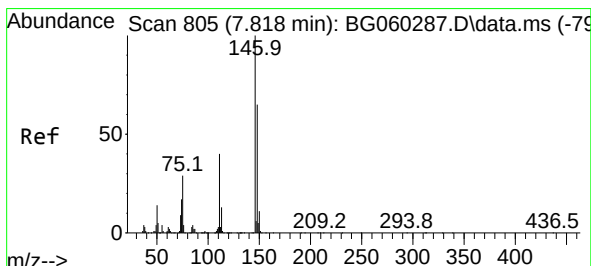
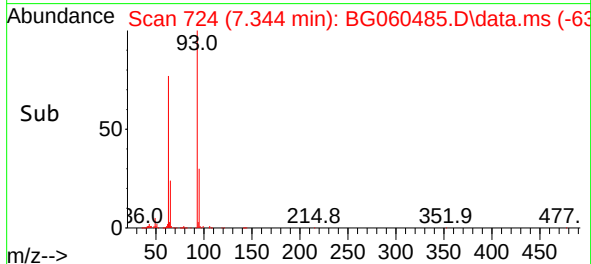
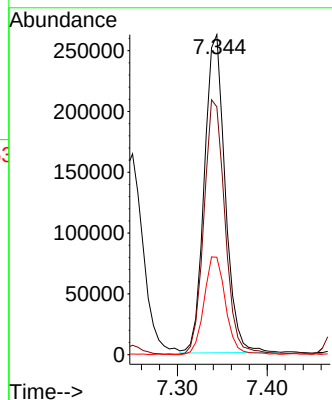
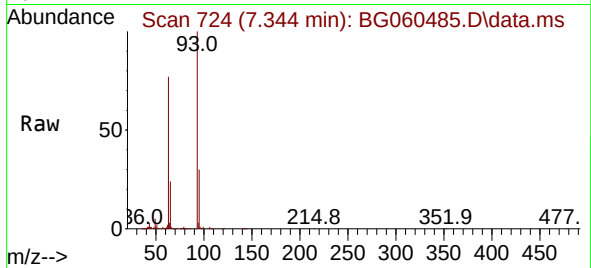




#11
bis(2-Chloroethyl)ether
Concen: 35.895 ng
RT: 7.344 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

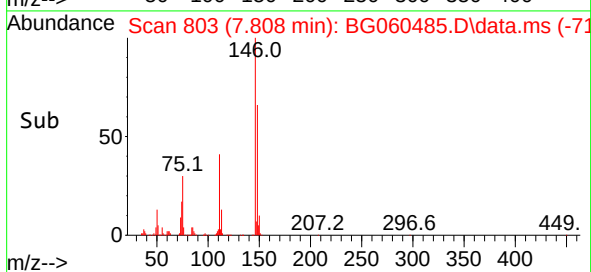
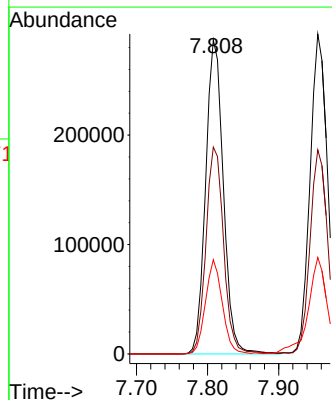
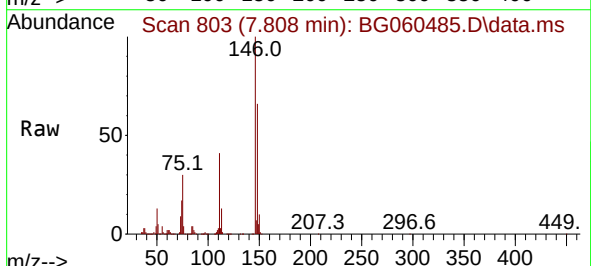
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

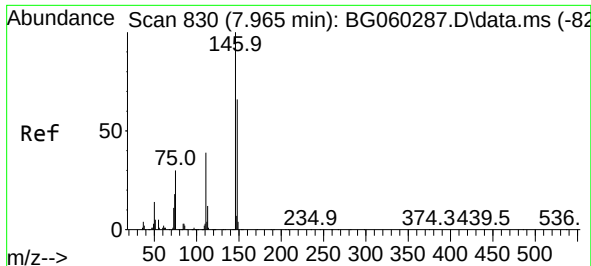
Tgt Ion: 93 Resp: 420329
Ion Ratio Lower Upper
93 100
63 77.5 59.3 99.3
95 30.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.399 ng
RT: 7.808 min Scan# 803
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:146 Resp: 498467
Ion Ratio Lower Upper
146 100
148 65.9 52.3 78.5
75 30.0 22.9 34.3

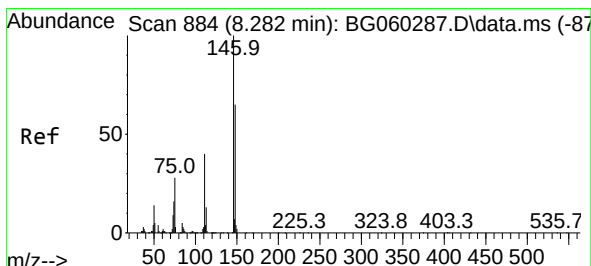
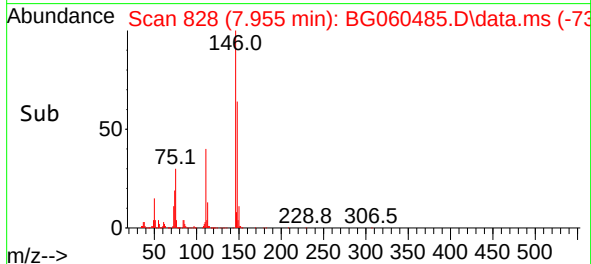
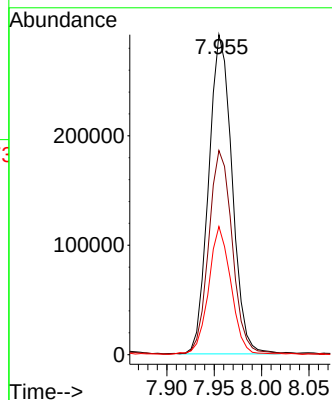
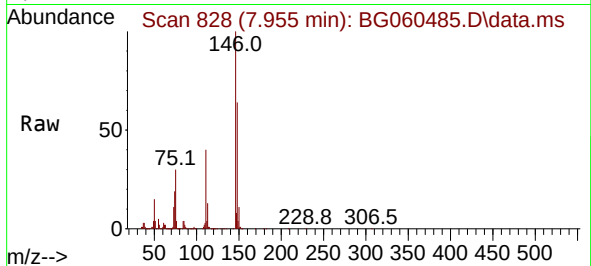




#13
1,4-Dichlorobenzene
Concen: 40.995 ng
RT: 7.955 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

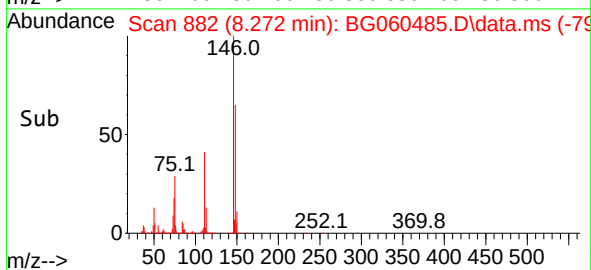
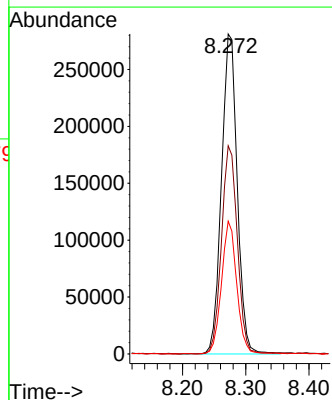
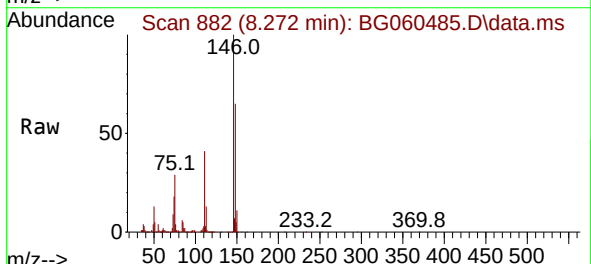
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

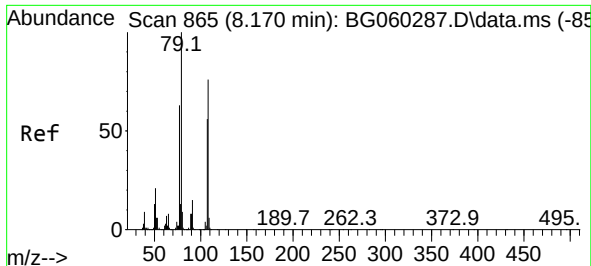
Tgt Ion:146 Resp: 500825
Ion Ratio Lower Upper
146 100
148 63.8 52.7 79.1
111 40.0 31.4 47.0



#14
1,2-Dichlorobenzene
Concen: 38.838 ng
RT: 8.272 min Scan# 882
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:146 Resp: 487882
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 41.5 32.6 48.8

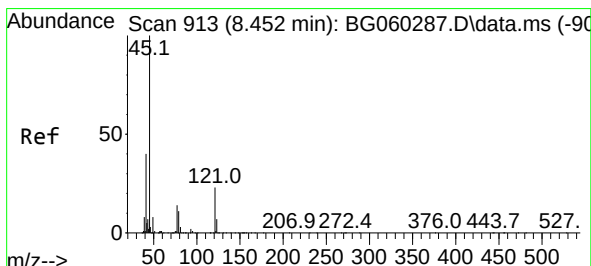
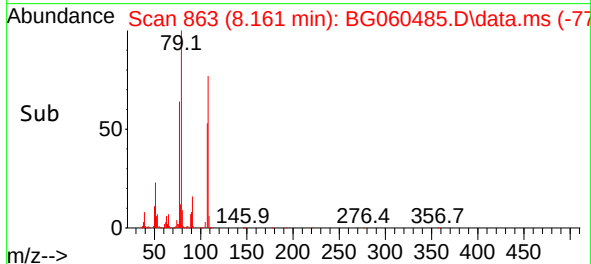
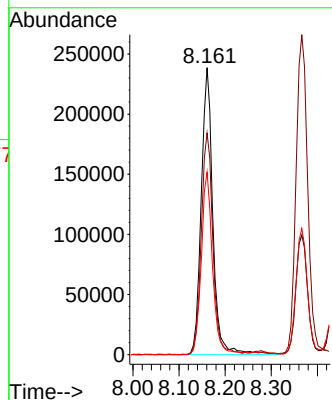
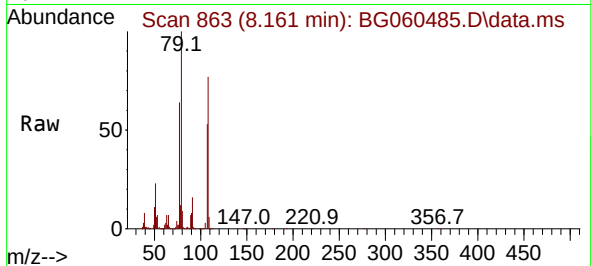




#15
Benzyl Alcohol
Concen: 45.325 ng
RT: 8.161 min Scan# 80
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

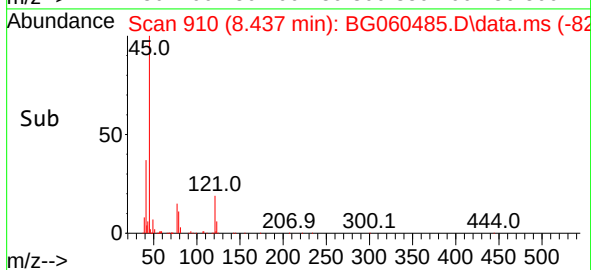
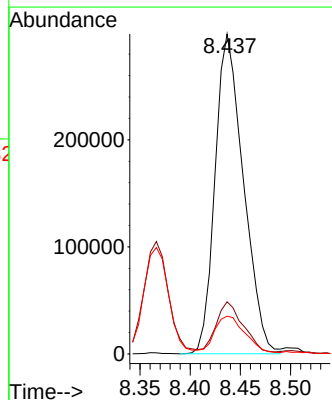
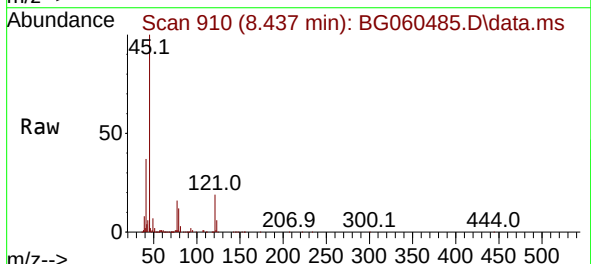
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

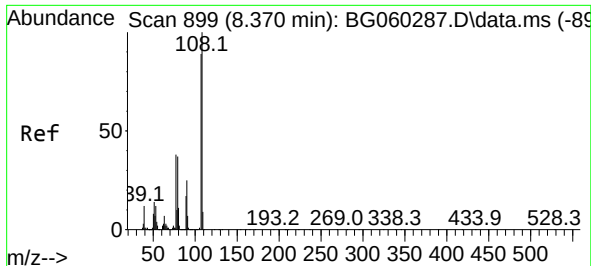
Tgt Ion: 79 Resp: 420520
Ion Ratio Lower Upper
79 100
108 77.2 61.2 91.8
77 63.6 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.292 ng
RT: 8.437 min Scan# 910
Delta R.T. -0.016 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 45 Resp: 586875
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.3
79 11.8 0.0 34.0

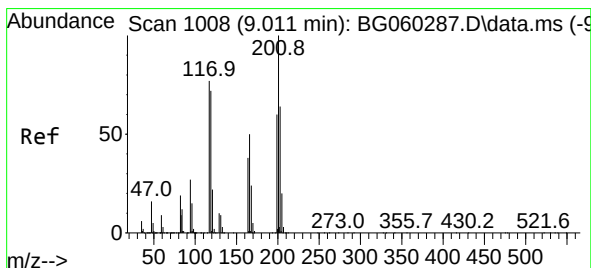
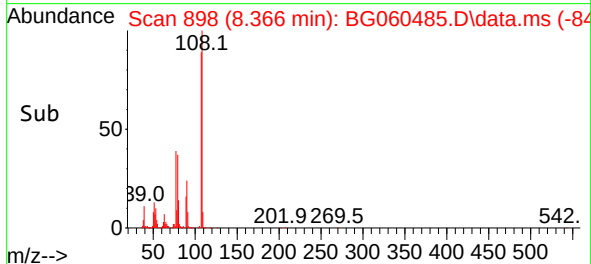
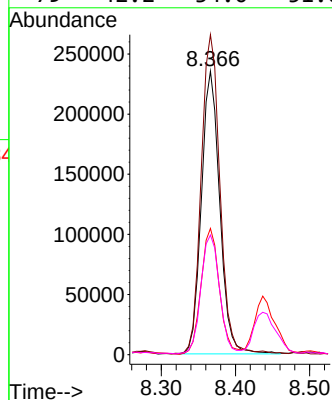
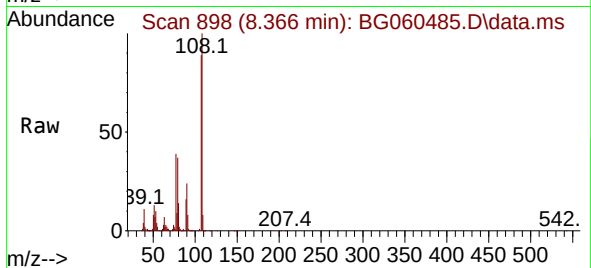




#17
2-Methylphenol
Concen: 41.001 ng
RT: 8.366 min Scan# 899
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

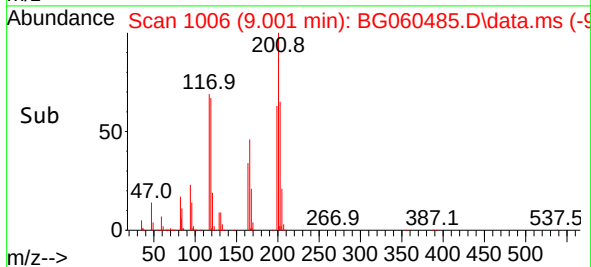
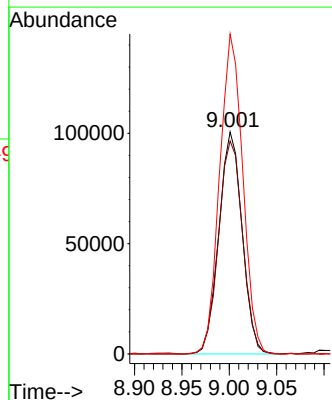
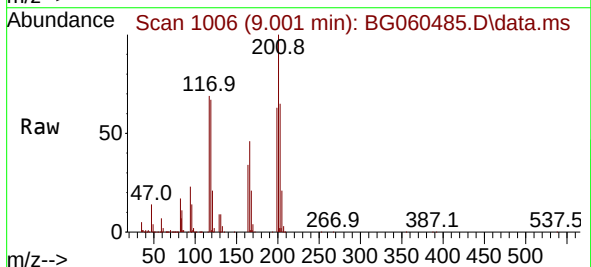
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

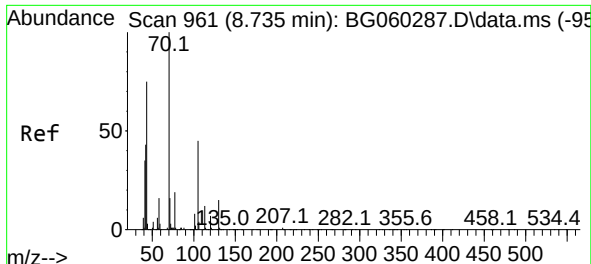
Tgt Ion:	107	Resp:	404695
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.5	135.7
77	44.5	35.0	52.6
79	42.2	34.0	51.0



#18
Hexachloroethane
Concen: 40.177 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:	117	Resp:	172090
Ion	Ratio	Lower	Upper
117	100		
119	95.9	74.5	111.7
201	144.0	106.3	159.5



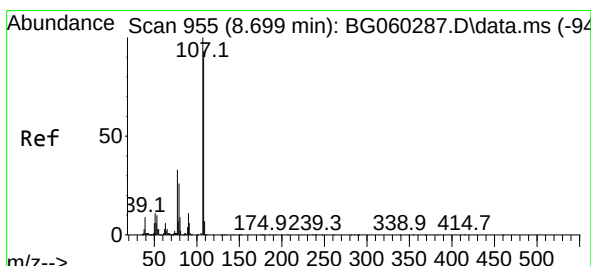
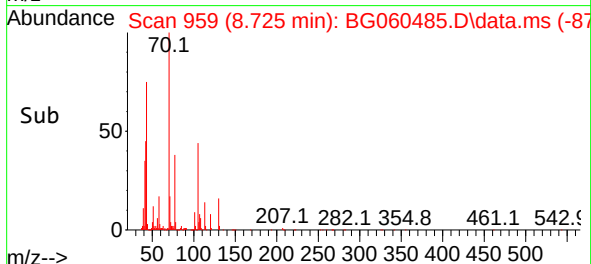
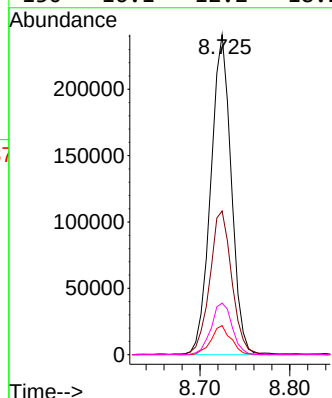
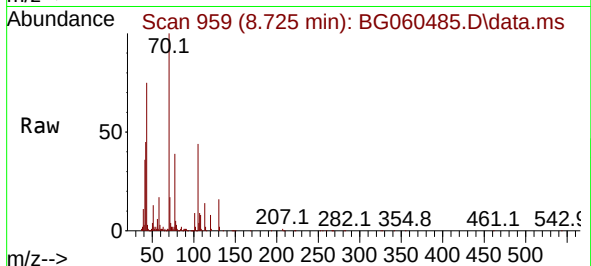


#19
n-Nitroso-di-n-propylamine
Concen: 38.576 ng
RT: 8.725 min Scan# 91
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 70 Resp: 382667

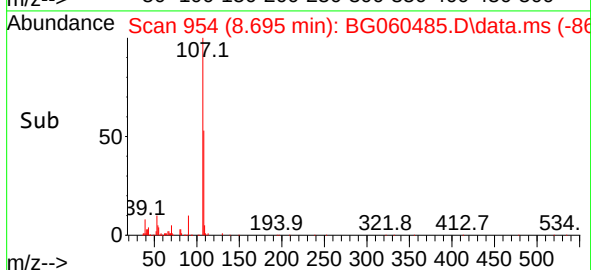
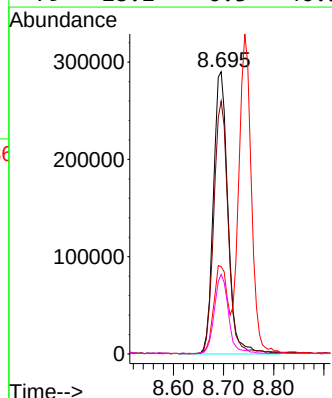
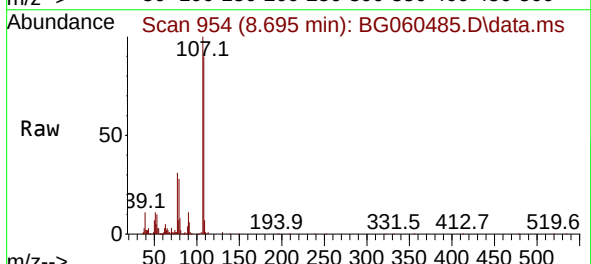
Ion	Ratio	Lower	Upper
70	100		
42	44.9	34.3	51.5
101	9.1	6.2	9.2
130	16.1	12.2	18.2

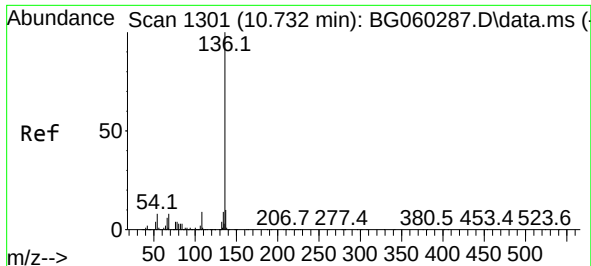


#20
3+4-Methylphenols
Concen: 43.959 ng
RT: 8.695 min Scan# 954
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 107 Resp: 585013

Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.5	112.5
77	31.0	13.0	53.0
79	28.2	6.3	46.3

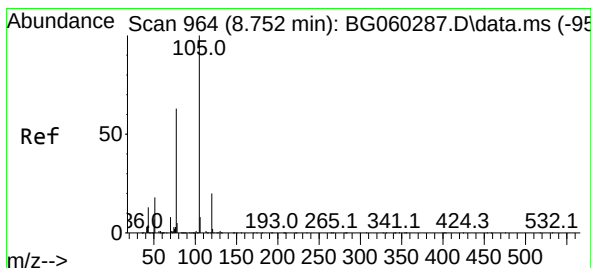
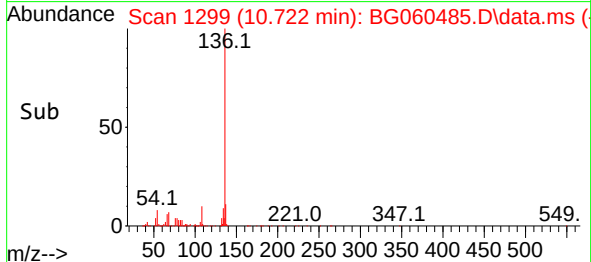
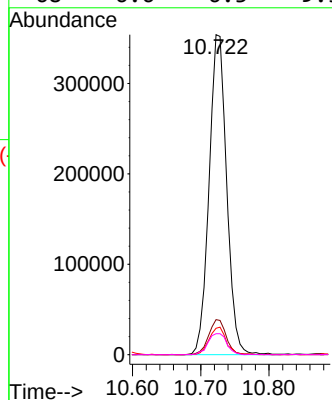
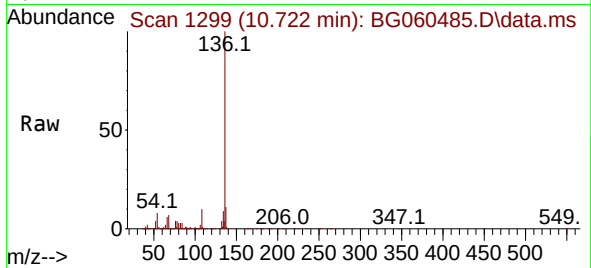




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

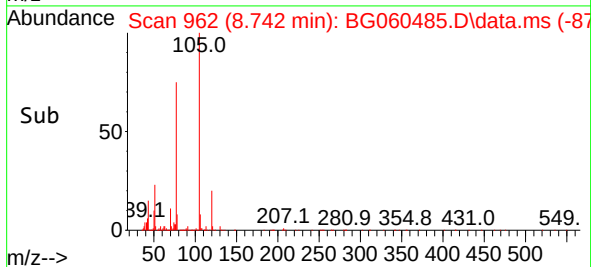
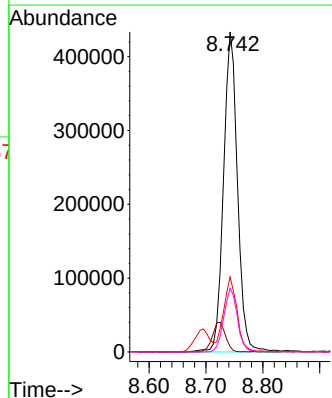
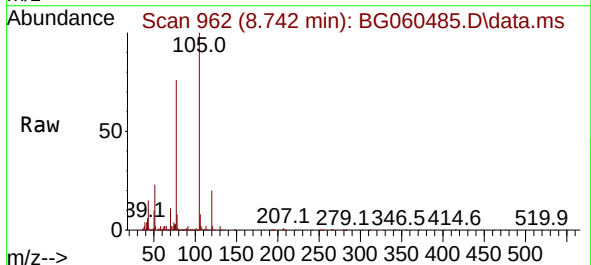
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

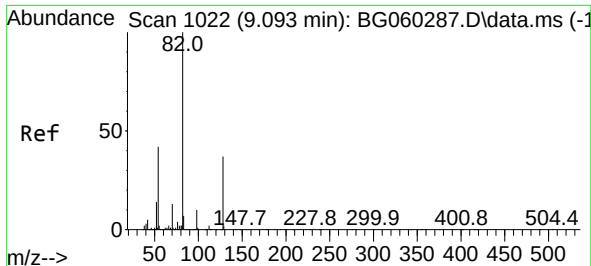
Tgt Ion:	136	Resp:	635794
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.2	6.2	9.2
68	6.6	6.3	9.5



#22
Acetophenone
Concen: 42.513 ng
RT: 8.742 min Scan# 962
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:	105	Resp:	742996
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5#
51	23.4	18.2	27.2
120	19.9	15.5	23.3





#23

Nitrobenzene-d5

Concen: 68.662 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.010 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

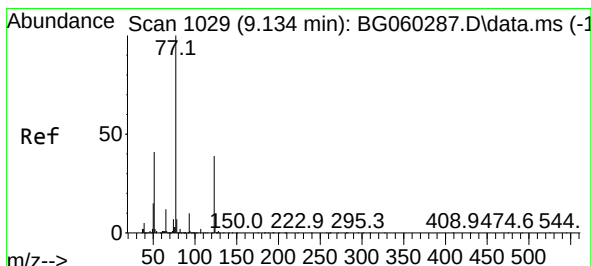
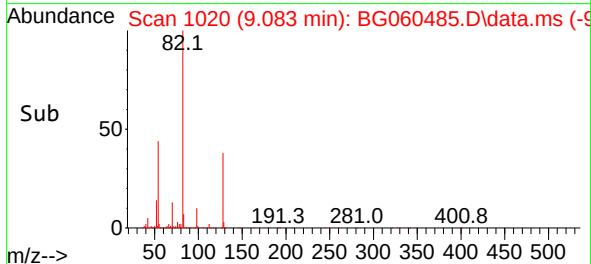
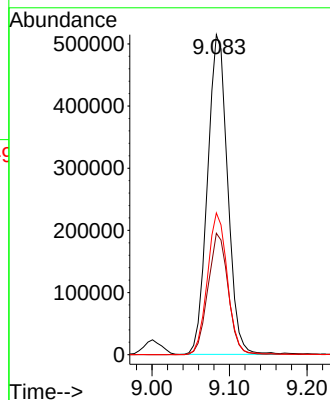
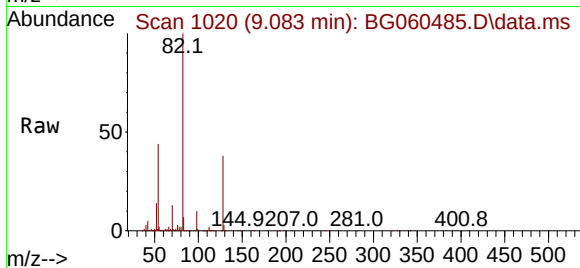
Tgt Ion: 82 Resp: 924502

Ion Ratio Lower Upper

82 100

128 37.9 29.6 44.4

54 44.3 33.6 50.4



#24

Nitrobenzene

Concen: 39.067 ng

RT: 9.124 min Scan# 1027

Delta R.T. -0.010 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

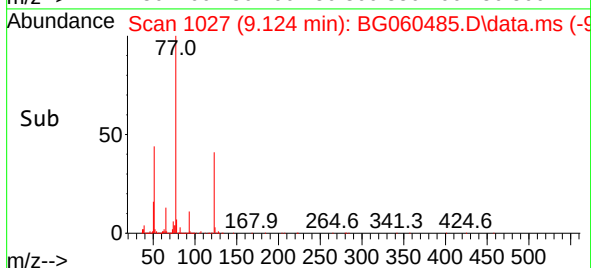
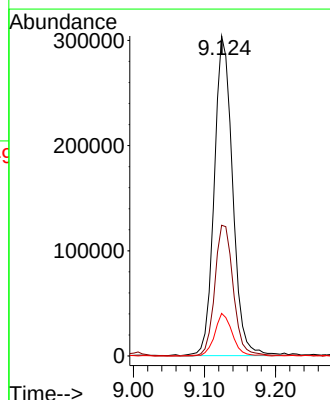
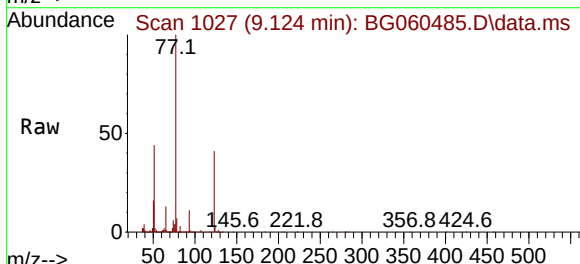
Tgt Ion: 77 Resp: 545299

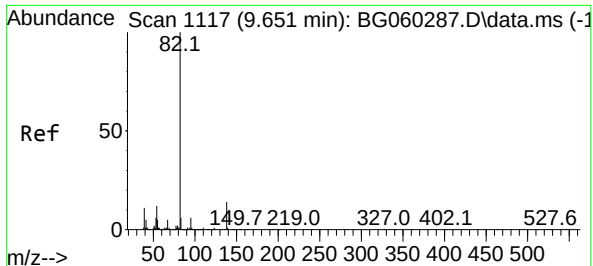
Ion Ratio Lower Upper

77 100

123 40.9 31.4 47.0

65 13.3 9.6 14.4

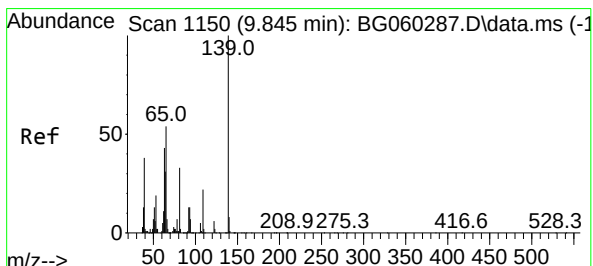
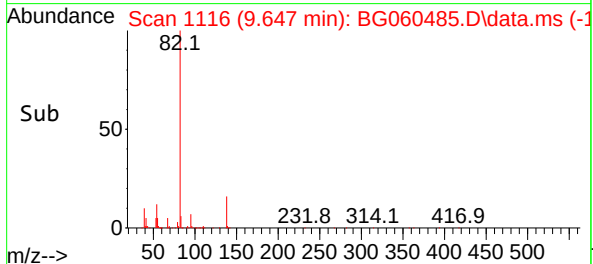
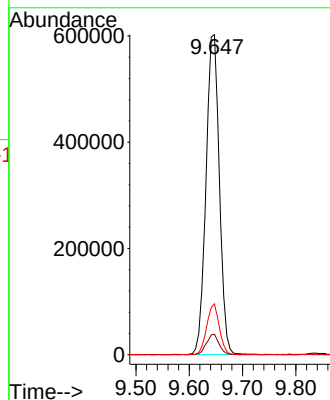
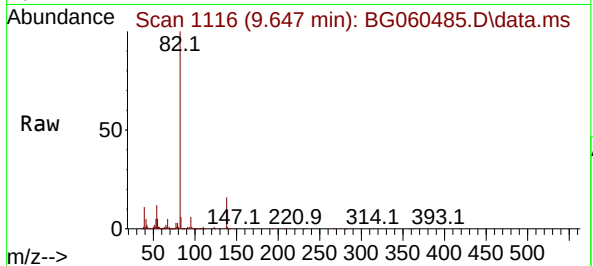




#25
Isophorone
Concen: 38.818 ng
RT: 9.647 min Scan# 1116
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

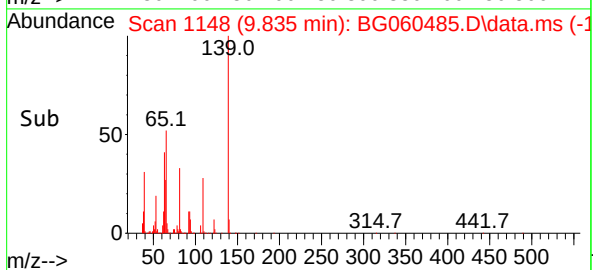
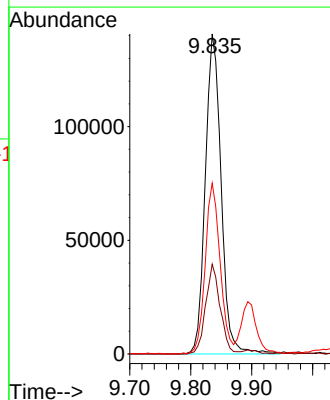
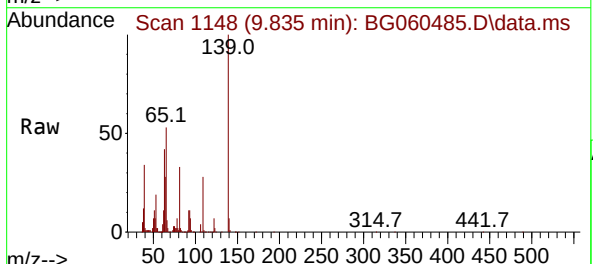
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

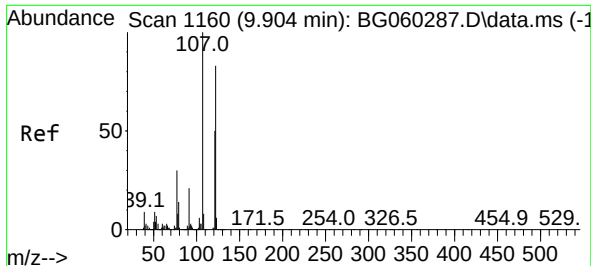
Tgt Ion: 82 Resp: 1049635
Ion Ratio Lower Upper
82 100
95 6.4 4.7 7.1
138 15.9 11.1 16.7



#26
2-Nitrophenol
Concen: 49.617 ng
RT: 9.835 min Scan# 1148
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:139 Resp: 254637
Ion Ratio Lower Upper
139 100
109 28.0 17.6 26.4#
65 53.4 43.6 65.4

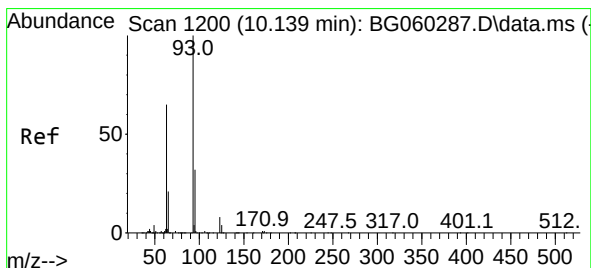
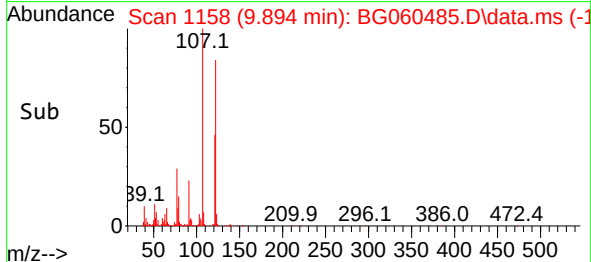
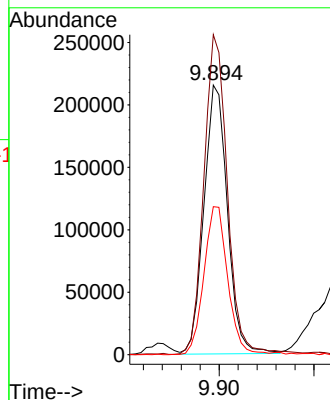
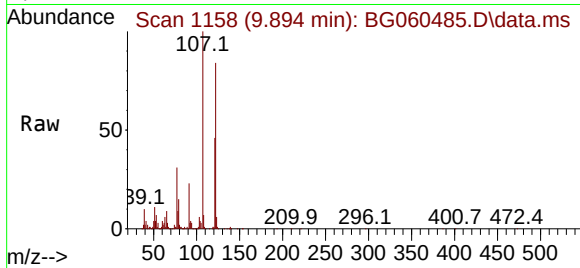




#27
2,4-Dimethylphenol
Concen: 54.738 ng
RT: 9.894 min Scan# 1158
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

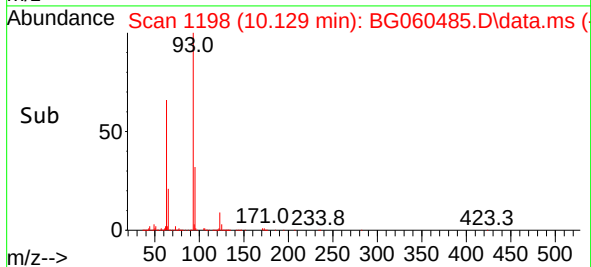
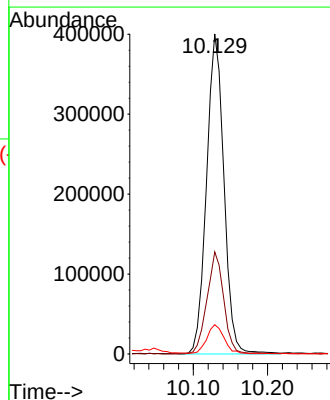
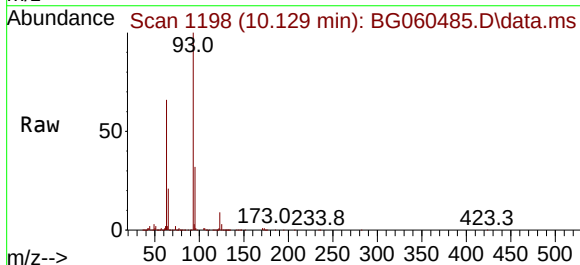
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

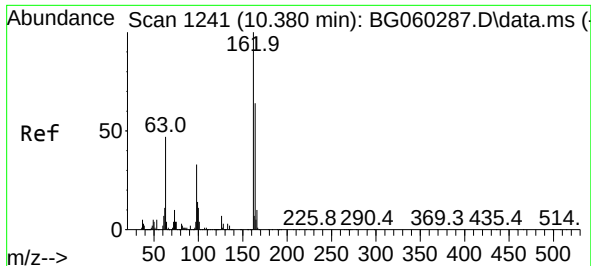
Tgt Ion:122 Resp: 371191
Ion Ratio Lower Upper
122 100
107 118.7 95.4 143.0
121 54.9 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 39.459 ng
RT: 10.129 min Scan# 1198
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 93 Resp: 651918
Ion Ratio Lower Upper
93 100
95 31.9 25.4 38.0
123 9.2 6.7 10.1





#29

2,4-Dichlorophenol

Concen: 47.525 ng

RT: 10.376 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

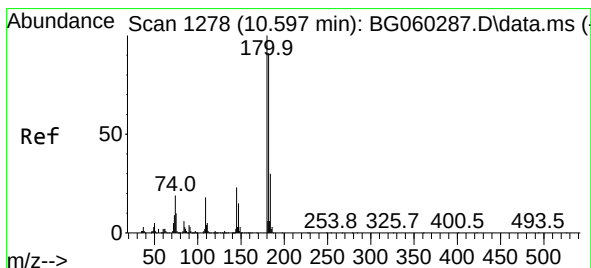
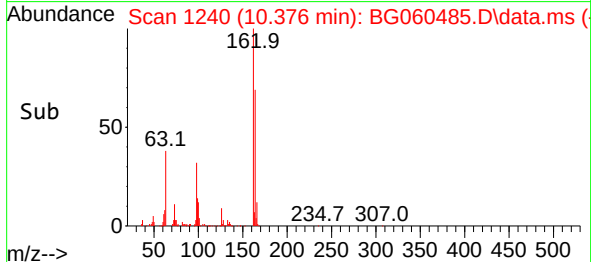
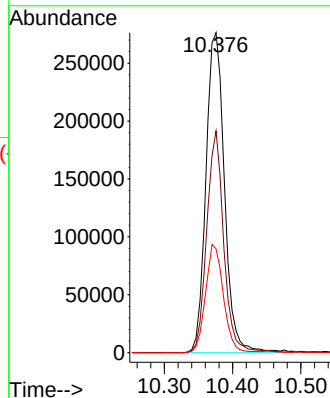
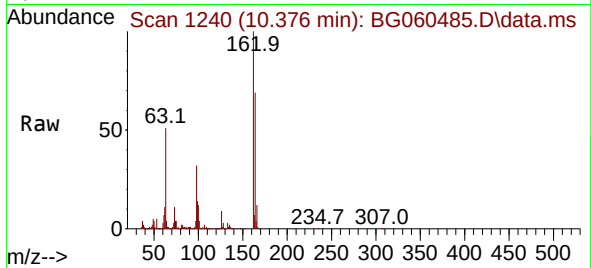
Tgt Ion:162 Resp: 522252

Ion Ratio Lower Upper

162 100

164 69.2 44.3 84.3

98 32.4 13.4 53.4



#30

1,2,4-Trichlorobenzene

Concen: 41.959 ng

RT: 10.587 min Scan# 1276

Delta R.T. -0.010 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

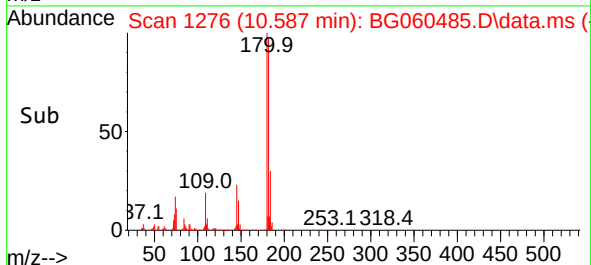
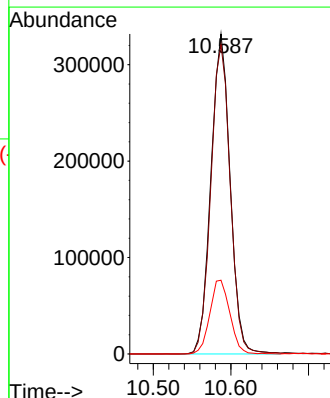
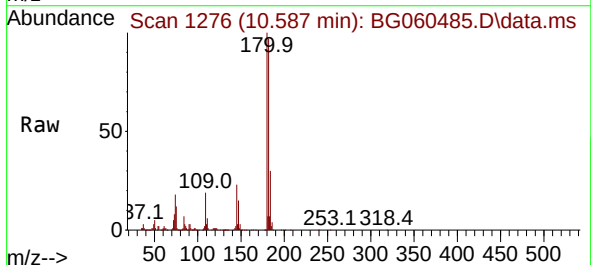
Tgt Ion:180 Resp: 573641

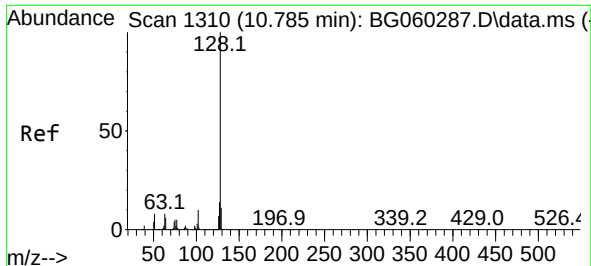
Ion Ratio Lower Upper

180 100

182 96.7 72.7 109.1

145 23.0 18.2 27.2

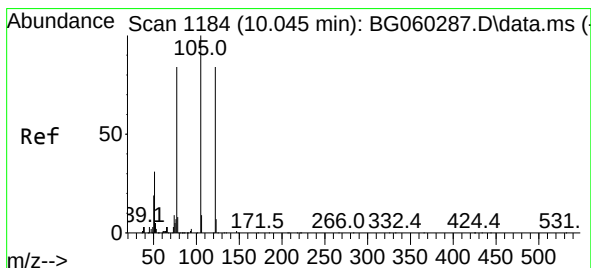
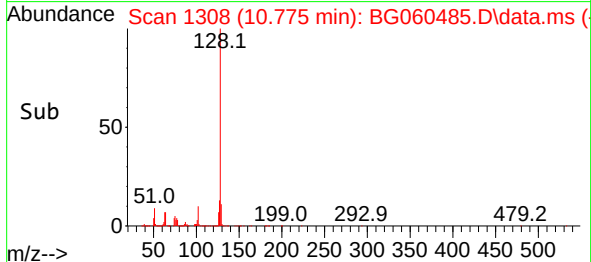
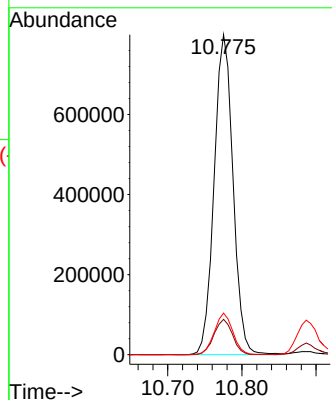
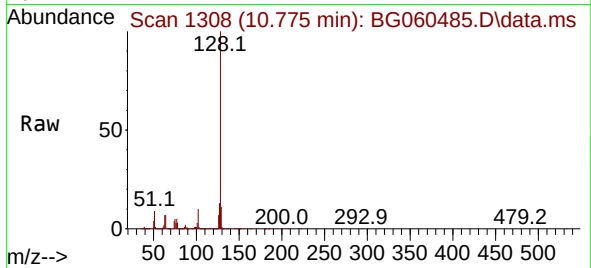




#31
Naphthalene
Concen: 42.429 ng
RT: 10.775 min Scan# 1184
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

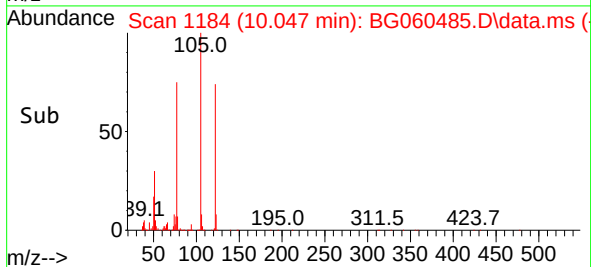
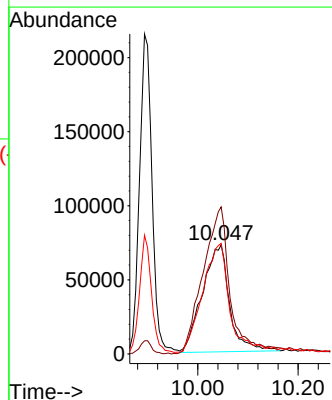
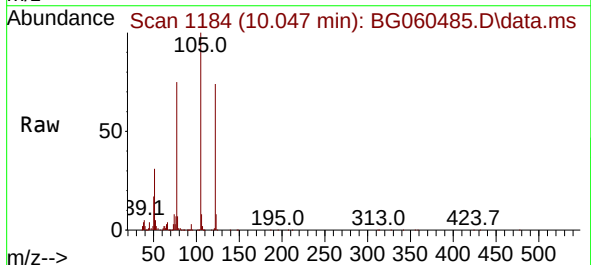
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

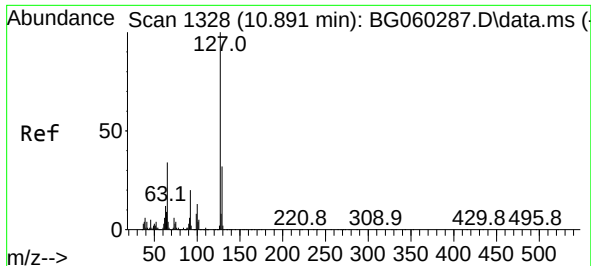
Tgt Ion:128 Resp: 1414056
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.9 16.3



#32
Benzoic acid
Concen: 45.767 ng
RT: 10.047 min Scan# 1184
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:122 Resp: 270475
Ion Ratio Lower Upper
122 100
105 134.9 96.0 136.0
77 101.5 80.1 120.1

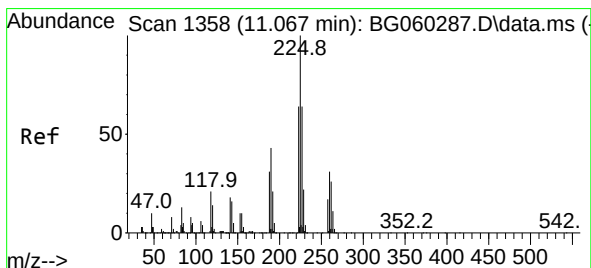
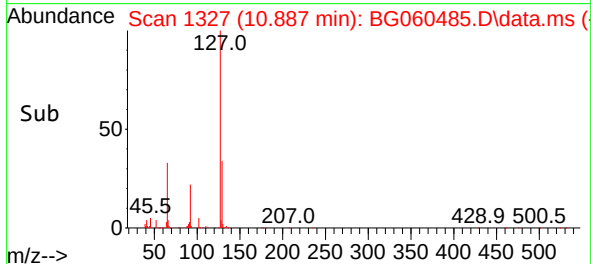
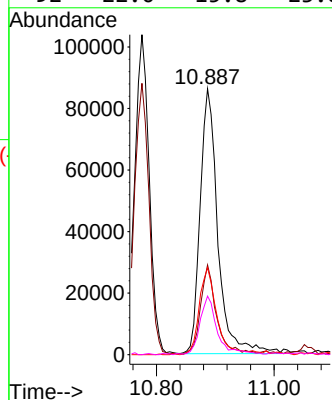
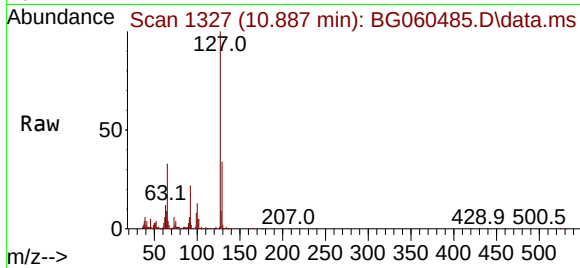




#33
4-Chloroaniline
Concen: 14.023 ng
RT: 10.887 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

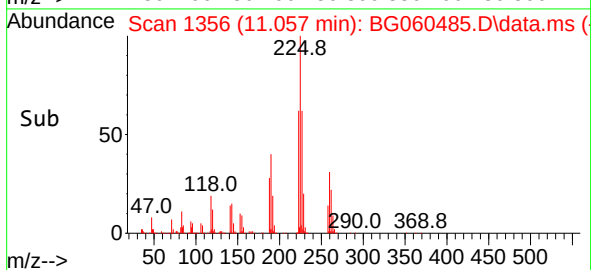
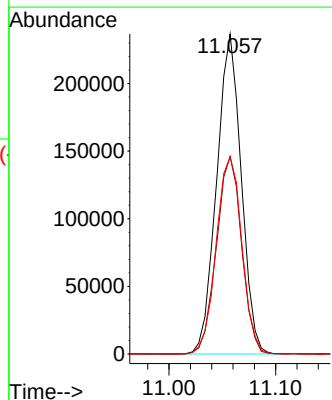
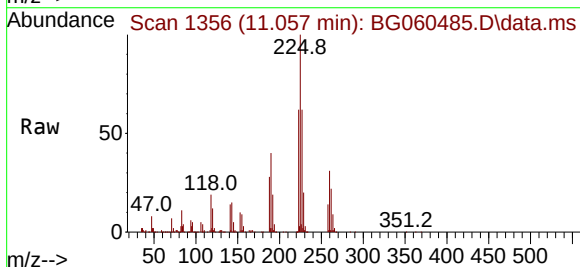
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

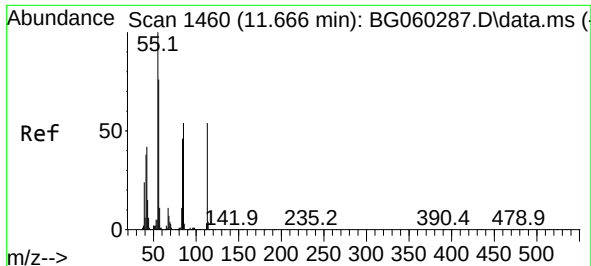
Tgt Ion:	127	Resp:	180080
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.5	38.3
65	32.7	27.5	41.3
92	22.0	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.479 ng
RT: 11.057 min Scan# 1356
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:	225	Resp:	378318
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.7	73.1
227	61.6	48.7	73.1

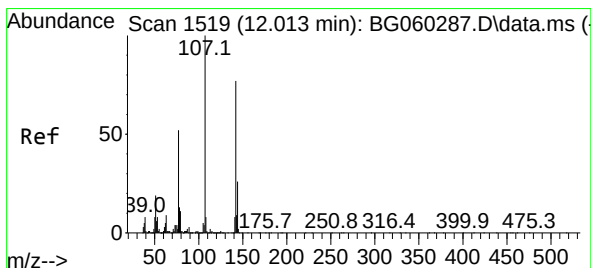
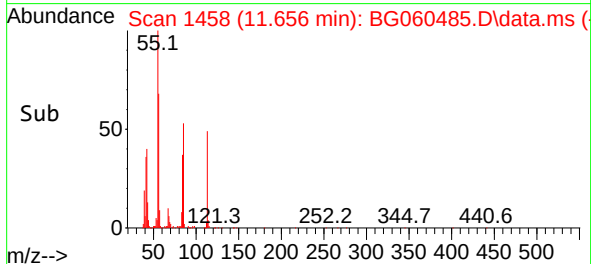
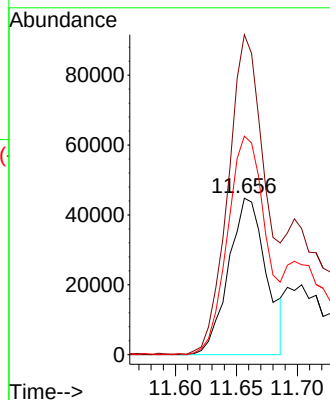
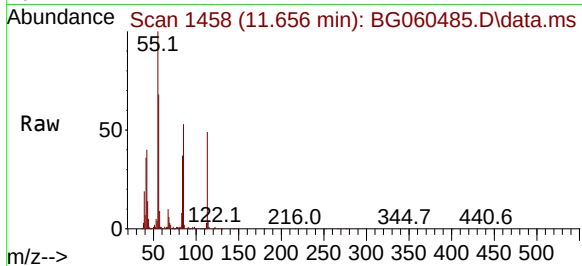




#35
Caprolactam
Concen: 27.170 ng
RT: 11.656 min Scan# 1460
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

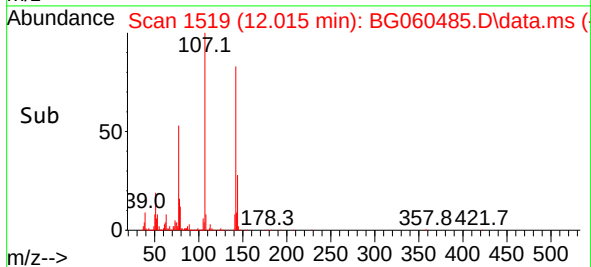
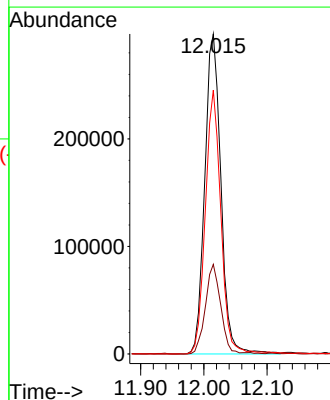
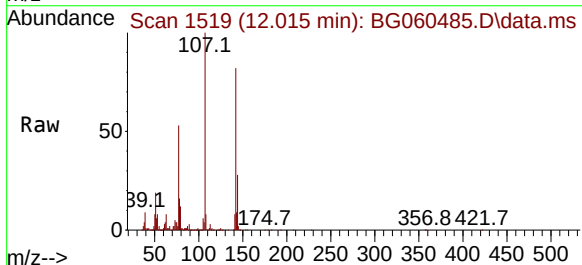
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

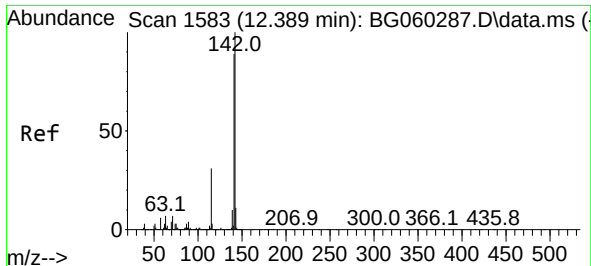
Tgt Ion	Ratio	Lower	Upper
113	100		
55	204.6	166.4	206.4
56	139.7	121.0	161.0



#36
4-Chloro-3-methylphenol
Concen: 47.258 ng
RT: 12.015 min Scan# 1519
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	20.6	31.0
142	82.5	61.5	92.3

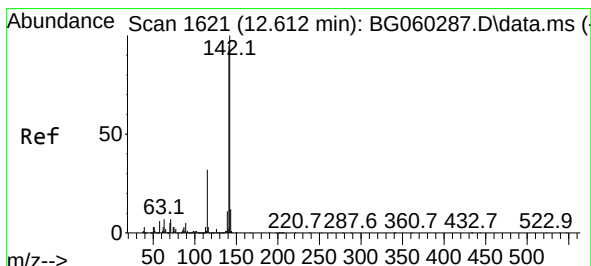
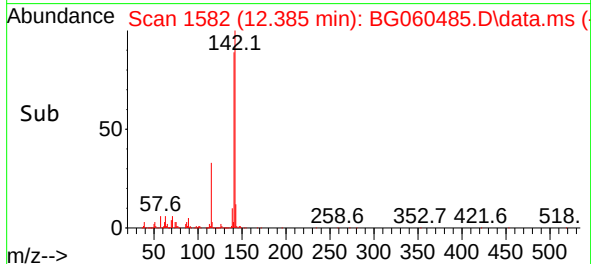
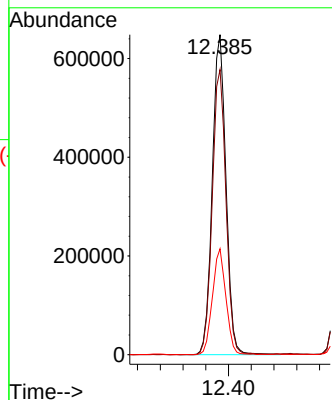
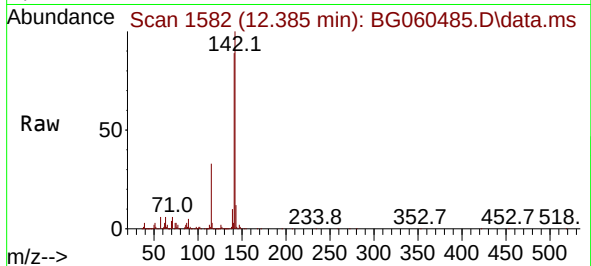




#37
2-Methylnaphthalene
Concen: 43.548 ng
RT: 12.385 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

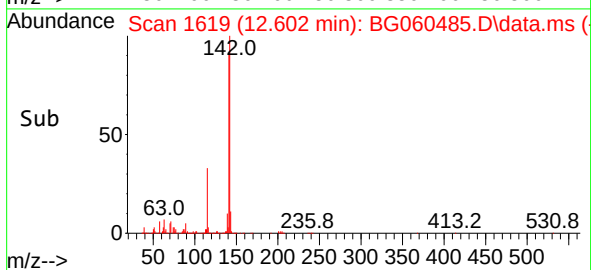
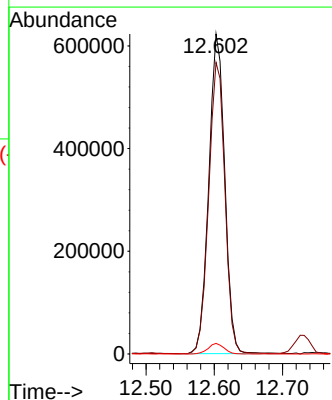
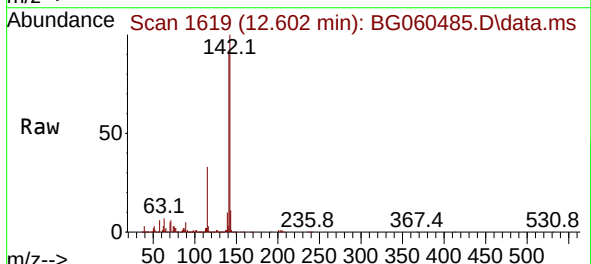
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

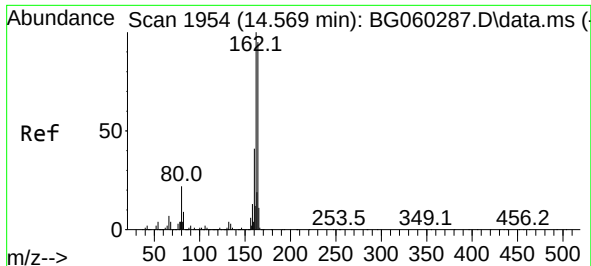
Tgt Ion:142 Resp: 1076409
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4
115 33.1 24.7 37.1



#38
1-Methylnaphthalene
Concen: 40.841 ng
RT: 12.602 min Scan# 1619
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:142 Resp: 1013699
Ion Ratio Lower Upper
142 100
141 91.1 76.2 114.2
116 3.3 2.6 3.8

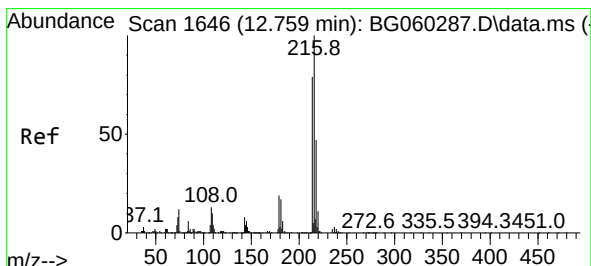
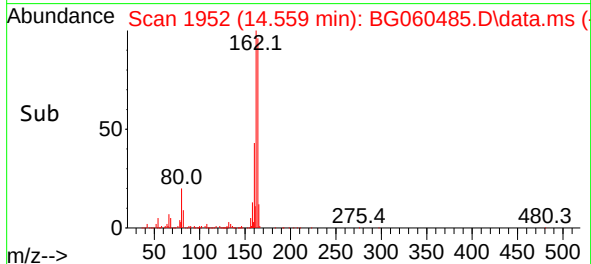
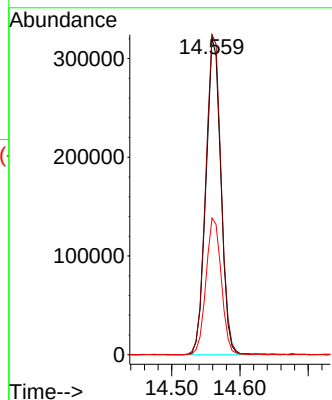
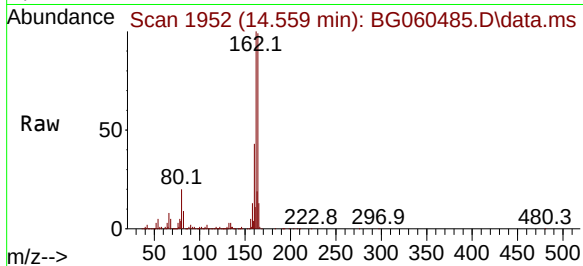




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.559 min Scan# 1954
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

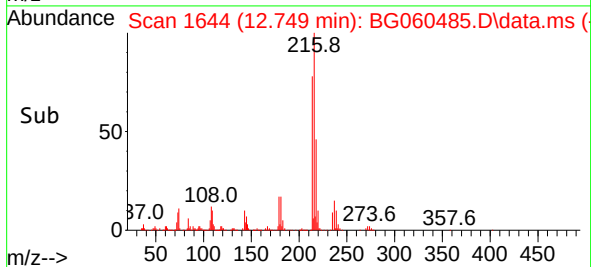
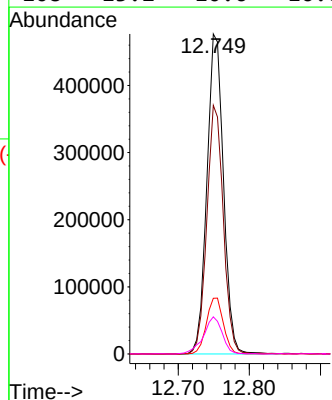
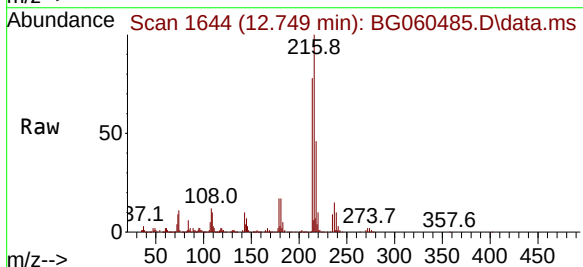
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

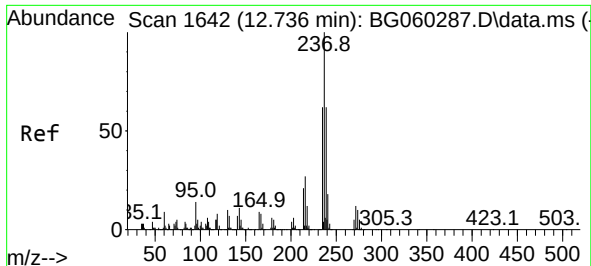
Tgt Ion:164 Resp: 488305
Ion Ratio Lower Upper
164 100
162 100.9 84.4 126.6
160 43.1 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.550 ng
RT: 12.749 min Scan# 1644
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:216 Resp: 772606
Ion Ratio Lower Upper
216 100
214 77.1 62.6 93.8
179 17.9 14.8 22.2
108 13.2 10.6 16.0

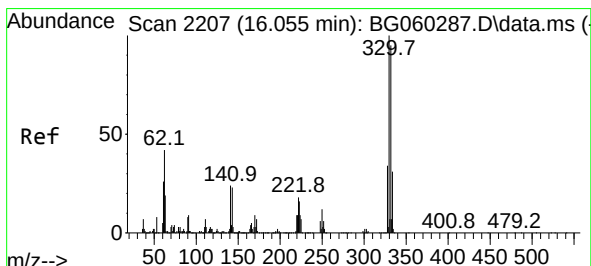
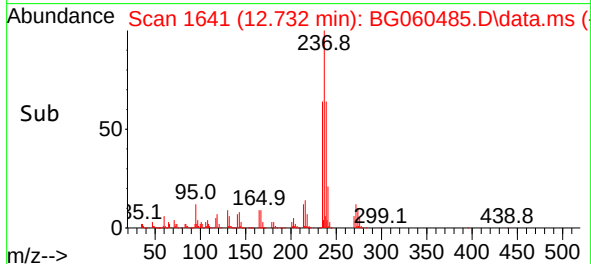
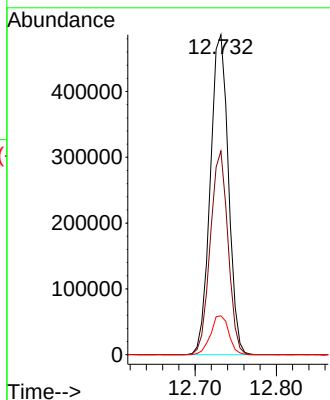
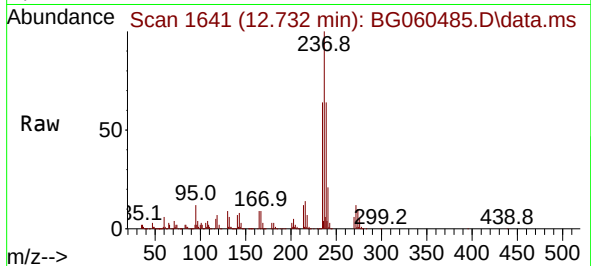




#41
Hexachlorocyclopentadiene
Concen: 130.427 ng
RT: 12.732 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

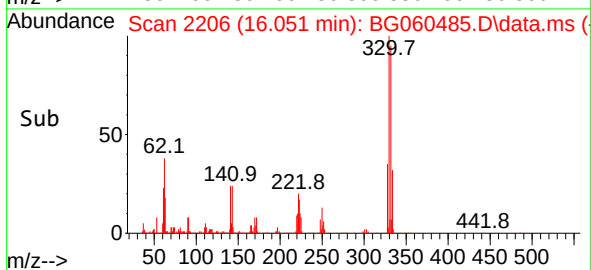
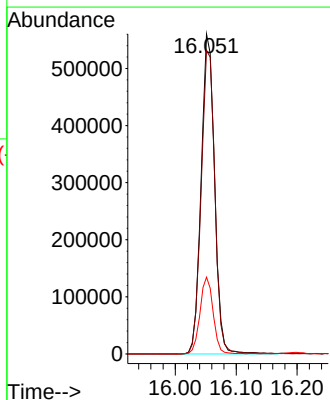
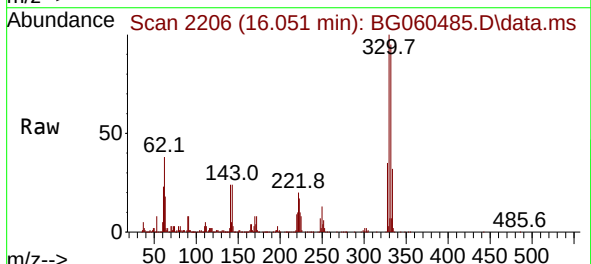
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

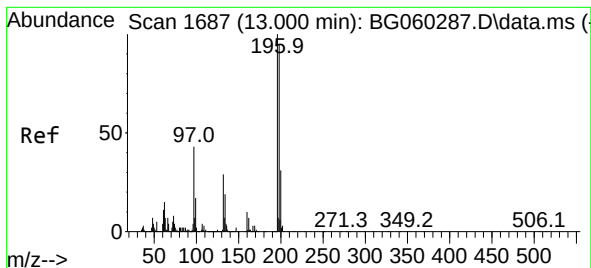
Tgt Ion:237 Resp: 750969
Ion Ratio Lower Upper
237 100
235 63.6 41.6 81.6
272 12.1 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 119.667 ng
RT: 16.051 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:330 Resp: 859733
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.5 18.6 28.0





#43

2,4,6-Trichlorophenol

Concen: 45.823 ng

RT: 12.996 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

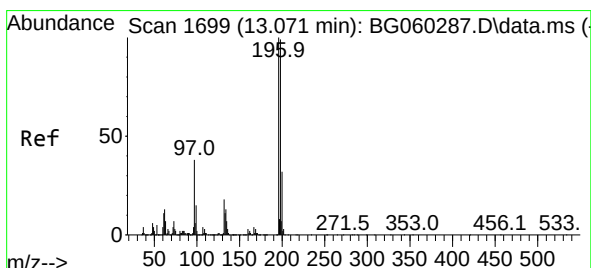
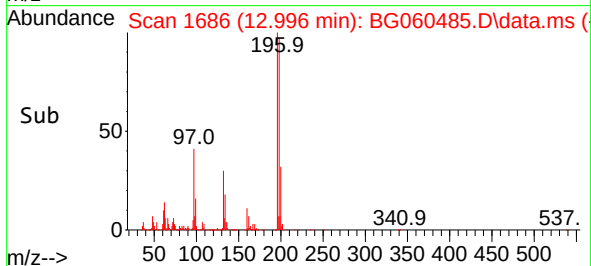
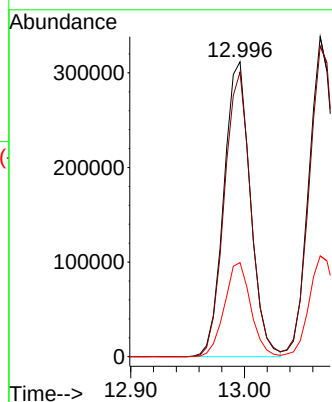
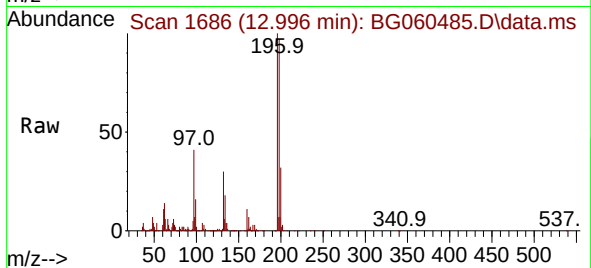
Tgt Ion:196 Resp: 505727

Ion Ratio Lower Upper

196 100

198 96.6 75.7 113.5

200 31.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 45.016 ng

RT: 13.067 min Scan# 1698

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Tgt Ion:196 Resp: 547981

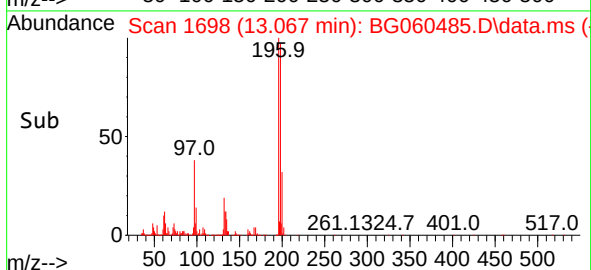
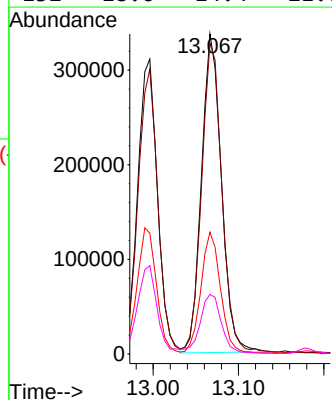
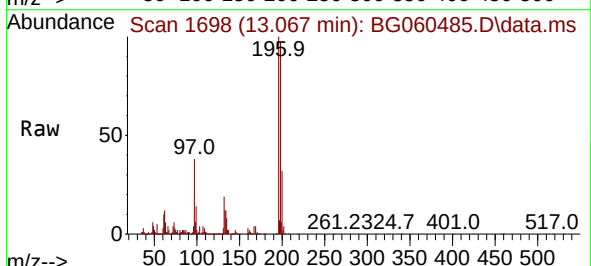
Ion Ratio Lower Upper

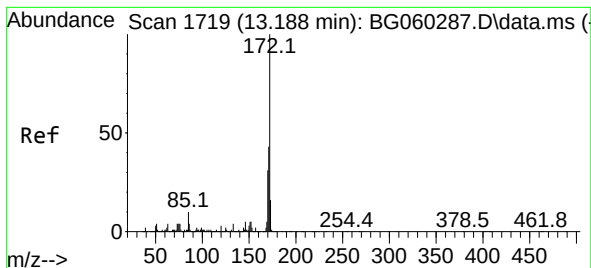
196 100

198 97.1 78.6 118.0

97 38.0 30.6 46.0

132 18.6 14.4 21.6





#45

2-Fluorobiphenyl

Concen: 69.038 ng

RT: 13.184 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

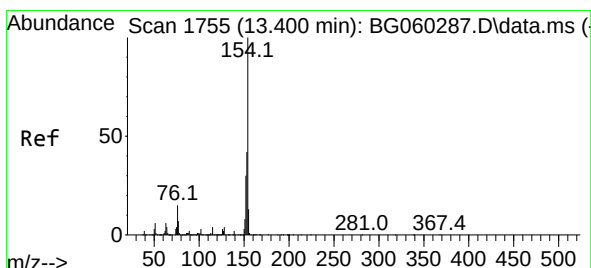
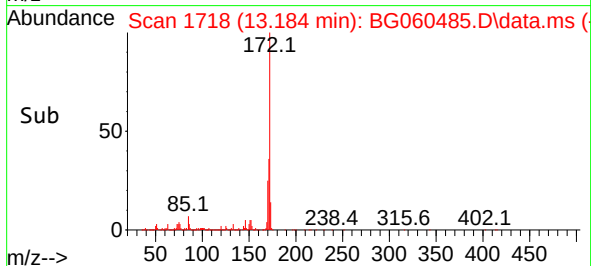
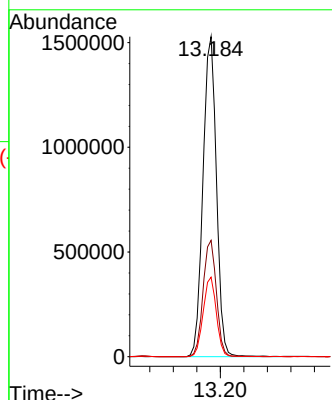
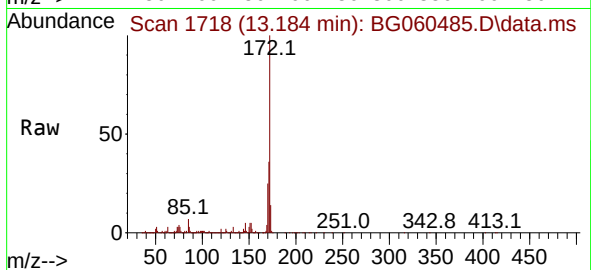
Tgt Ion:172 Resp: 2424739

Ion Ratio Lower Upper

172 100

171 36.4 34.6 51.8

170 24.8 24.4 36.6



#46

1,1'-Biphenyl

Concen: 41.873 ng

RT: 13.396 min Scan# 1754

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

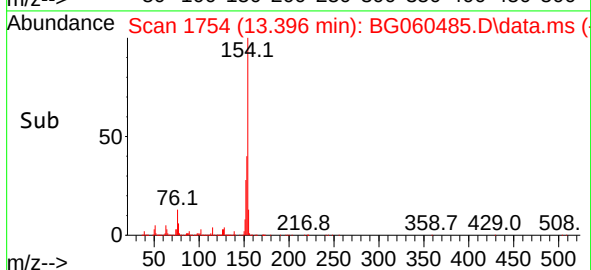
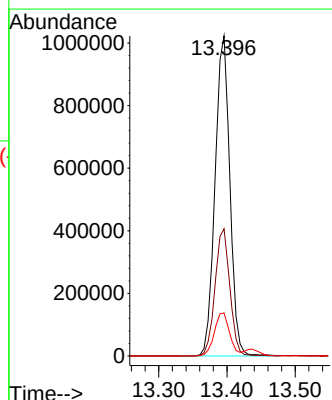
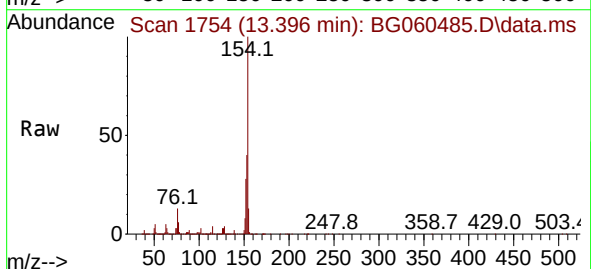
Tgt Ion:154 Resp: 1543403

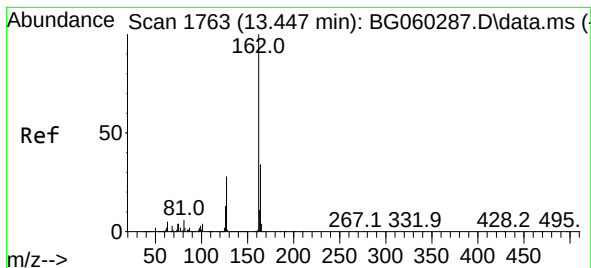
Ion Ratio Lower Upper

154 100

153 39.8 22.0 62.0

76 13.5 0.0 35.2





#47

2-Chloronaphthalene

Concen: 40.488 ng

RT: 13.437 min Scan# 1

Delta R.T. -0.010 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

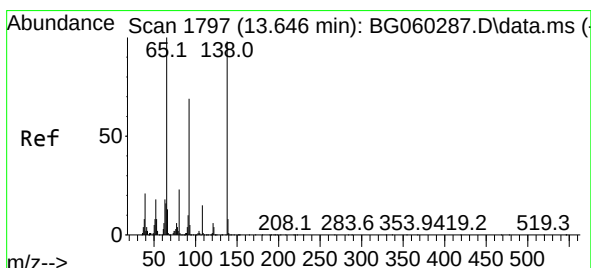
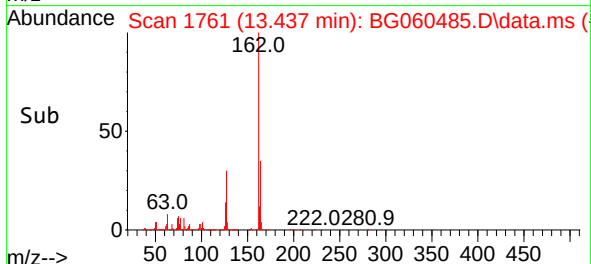
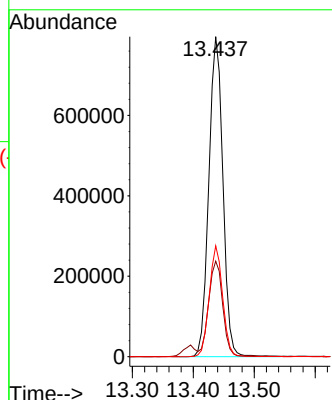
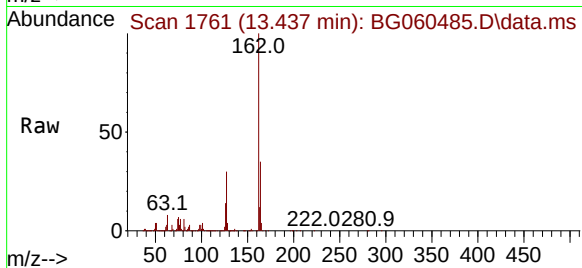
Tgt Ion:162 Resp: 1278475

Ion Ratio Lower Upper

162 100

127 29.9 23.5 35.3

164 34.6 26.9 40.3



#48

2-Nitroaniline

Concen: 45.603 ng

RT: 13.642 min Scan# 1796

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

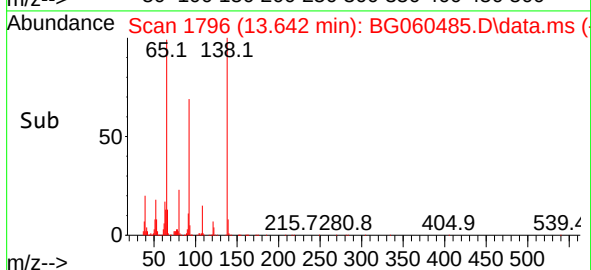
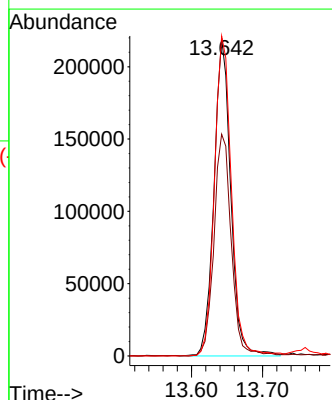
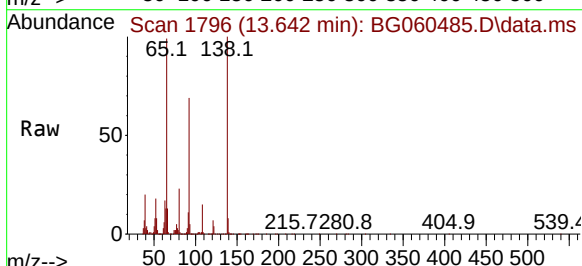
Tgt Ion: 65 Resp: 358613

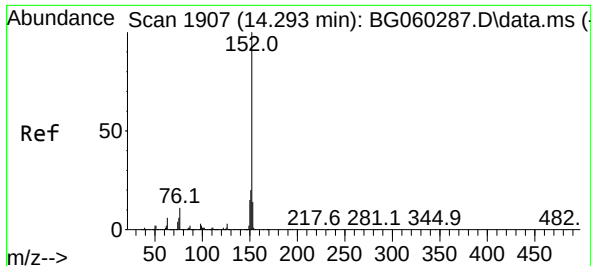
Ion Ratio Lower Upper

65 100

92 69.8 55.0 82.6

138 100.7 78.1 117.1

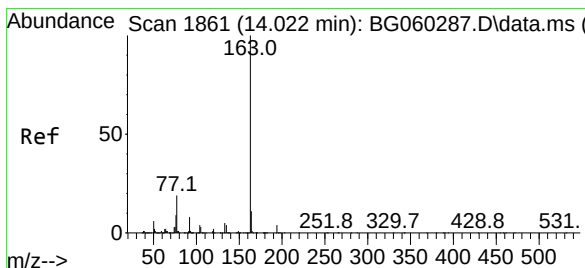
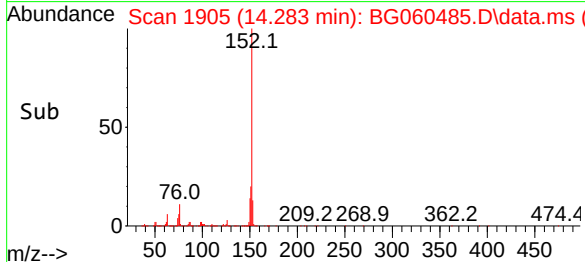
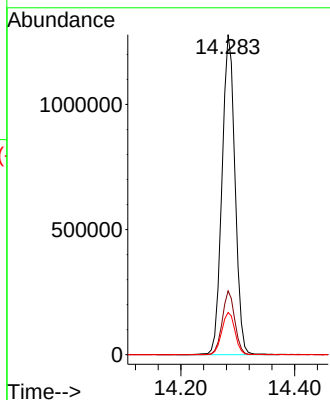
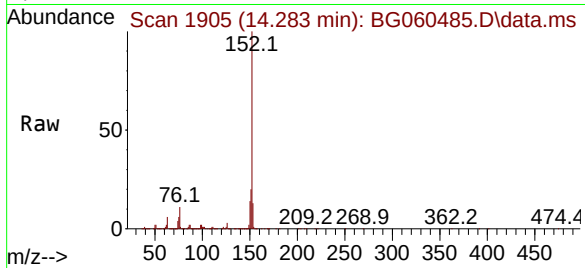




#49
Acenaphthylene
Concen: 46.948 ng
RT: 14.283 min Scan# 1905
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

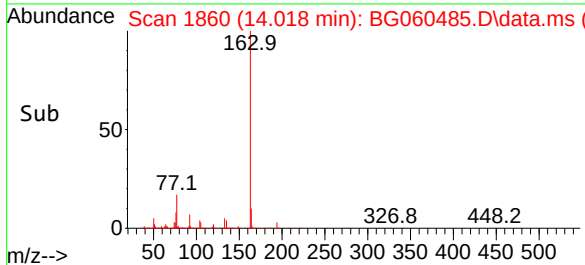
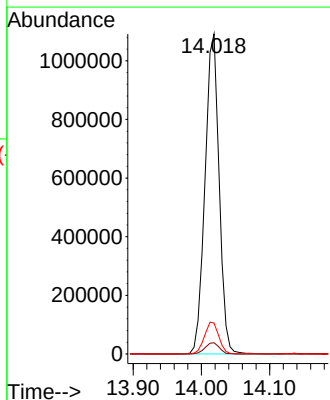
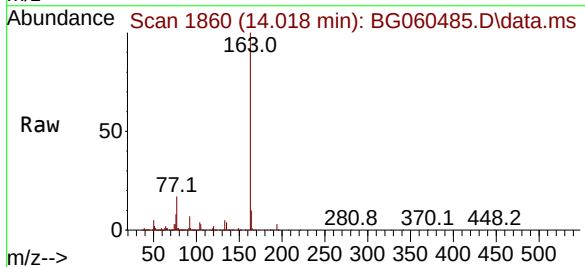
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

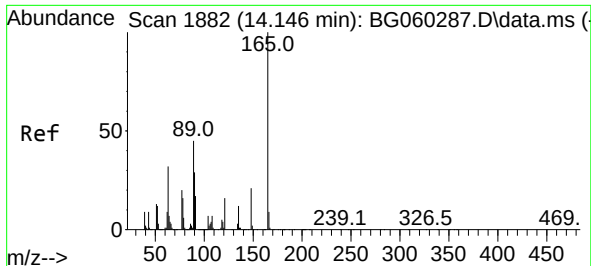
Tgt Ion:152 Resp: 2041453
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 11.5 17.3



#50
Dimethylphthalate
Concen: 42.164 ng
RT: 14.018 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:163 Resp: 1573355
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.6 8.8 13.2

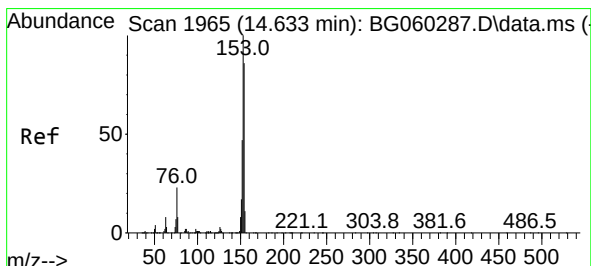
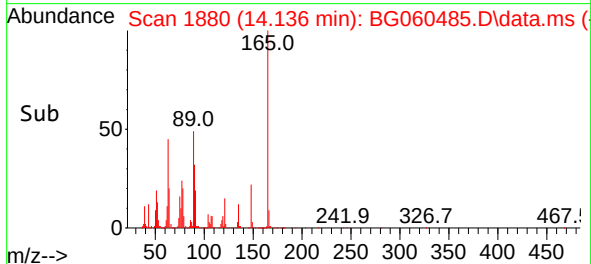
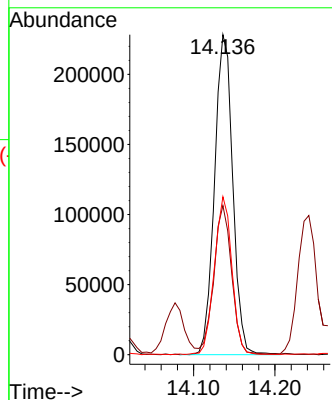
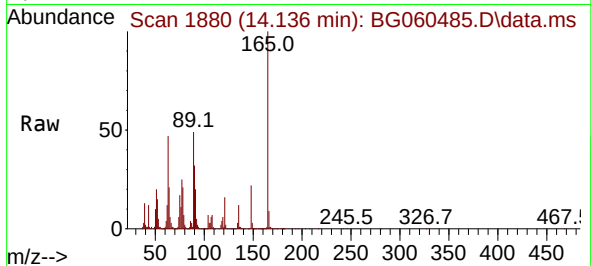




#51
2,6-Dinitrotoluene
Concen: 44.721 ng
RT: 14.136 min Scan# 1882
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

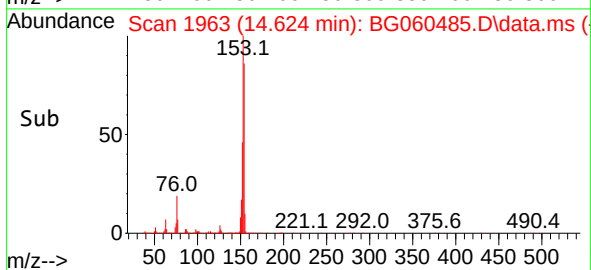
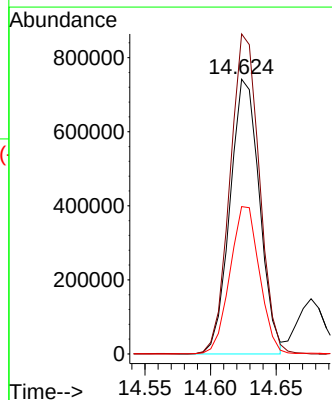
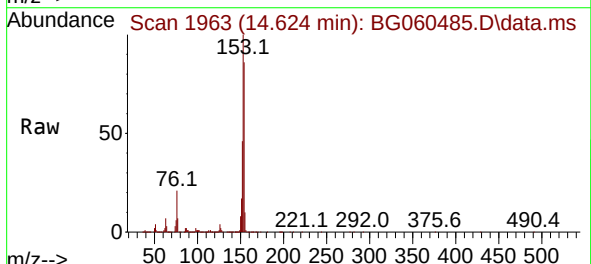
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

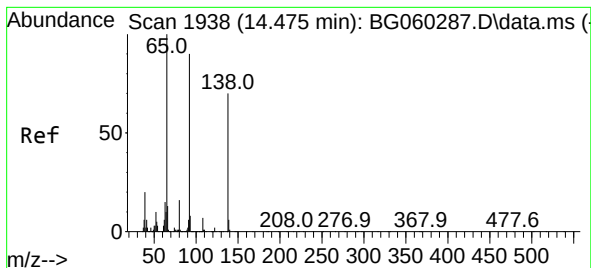
Tgt Ion:165 Resp: 356085
Ion Ratio Lower Upper
165 100
63 46.6 35.0 52.4
89 49.3 36.2 54.2



#52
Acenaphthene
Concen: 42.896 ng
RT: 14.624 min Scan# 1963
Delta R.T. -0.009 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:154 Resp: 1161454
Ion Ratio Lower Upper
154 100
153 116.5 92.6 138.8
152 53.7 43.8 65.8





#53

3-Nitroaniline

Concen: 27.403 ng

RT: 14.471 min Scan# 1938

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

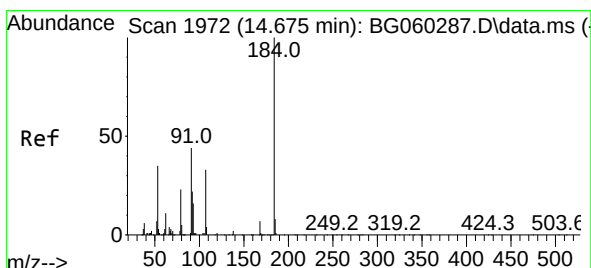
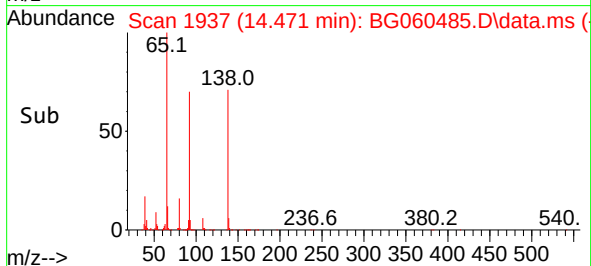
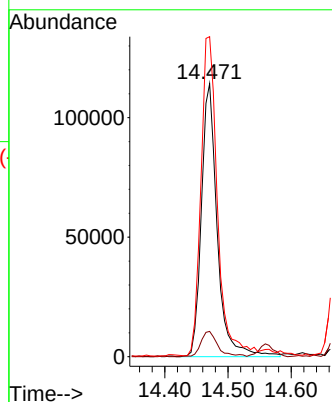
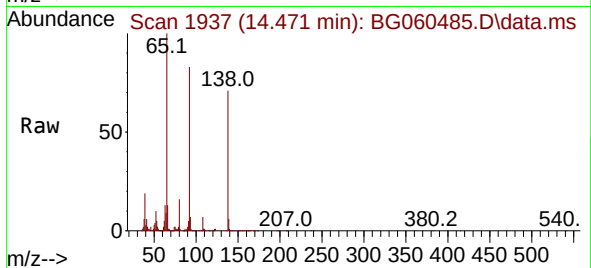
Tgt Ion:138 Resp: 198815

Ion Ratio Lower Upper

138 100

108 9.3 7.8 11.8

92 117.3 102.4 153.6



#54

2,4-Dinitrophenol

Concen: 93.052 ng

RT: 14.676 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

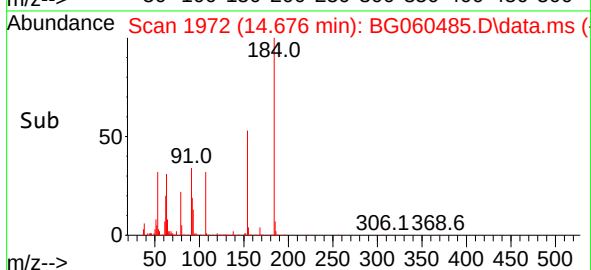
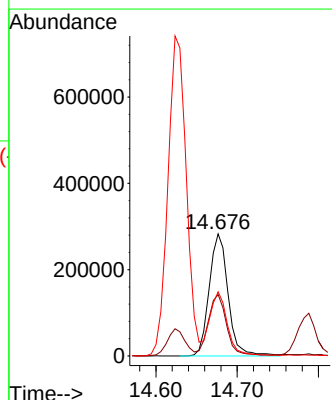
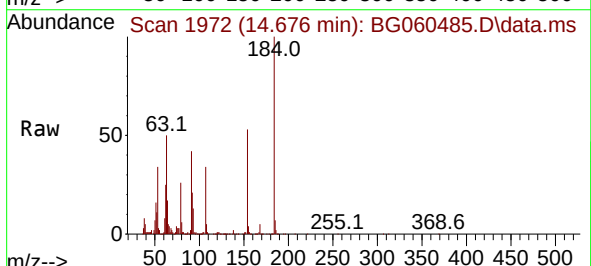
Tgt Ion:184 Resp: 456802

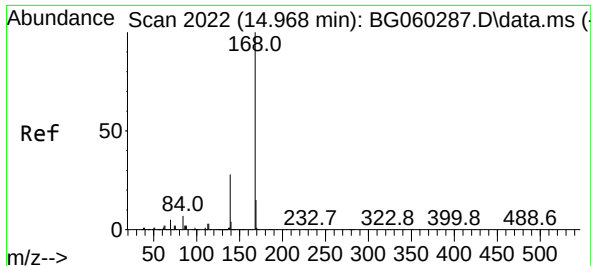
Ion Ratio Lower Upper

184 100

63 50.3 41.0 61.4

154 52.6 39.2 58.8

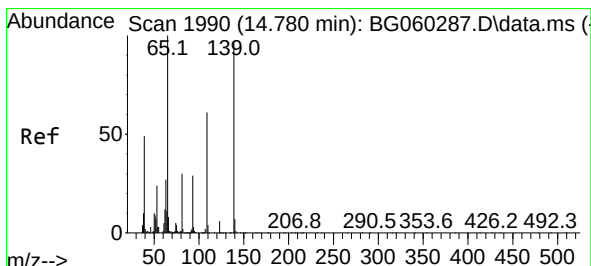
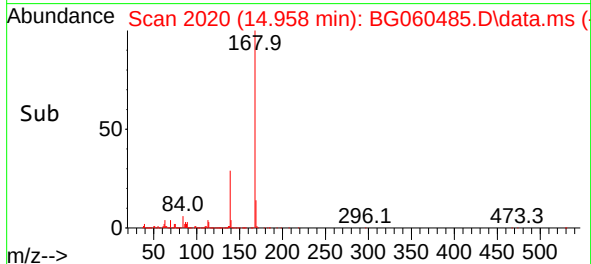
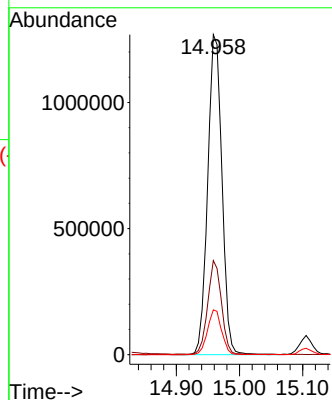
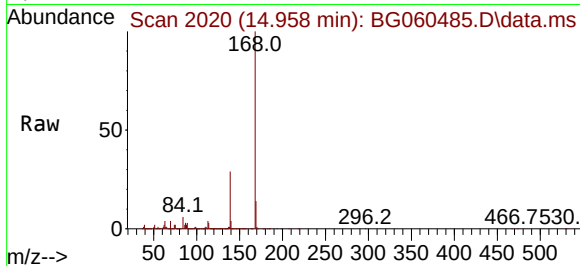




#55
Dibenzofuran
Concen: 44.004 ng
RT: 14.958 min Scan# 20
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

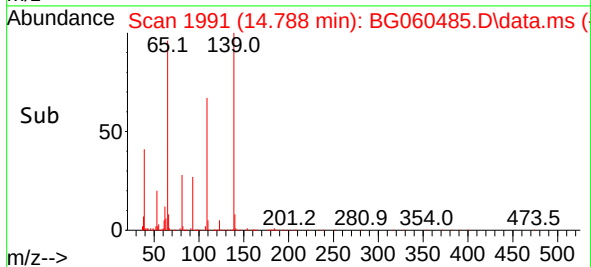
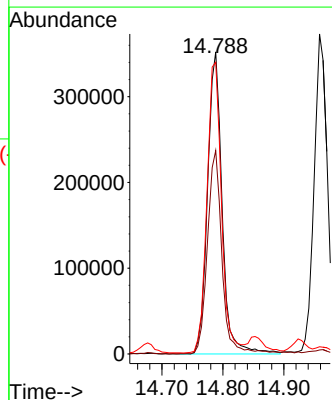
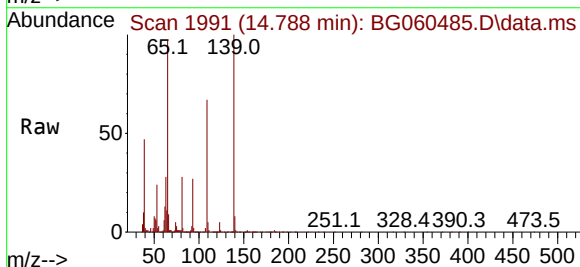
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

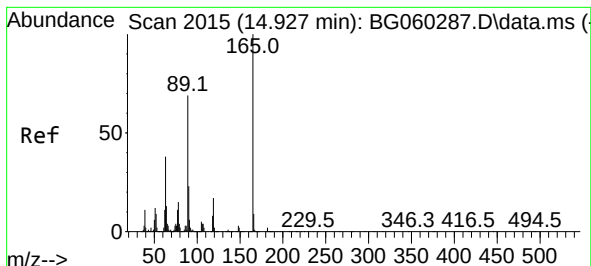
Tgt Ion:168 Resp: 1988955
Ion Ratio Lower Upper
168 100
139 29.4 22.6 34.0
169 14.0 12.1 18.1



#56
4-Nitrophenol
Concen: 108.957 ng
RT: 14.788 min Scan# 1991
Delta R.T. 0.008 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:139 Resp: 586356
Ion Ratio Lower Upper
139 100
109 67.3 42.2 82.2
65 96.5 83.3 123.3





#57

2,4-Dinitrotoluene

Concen: 46.485 ng

RT: 14.929 min Scan# 20

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

Tgt Ion:165 Resp: 507552

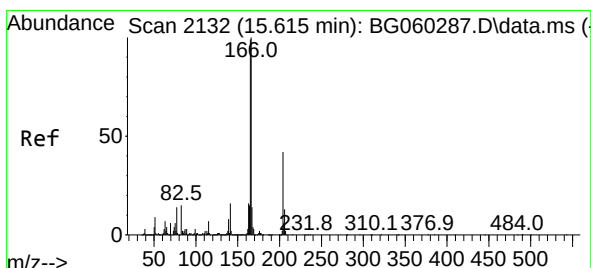
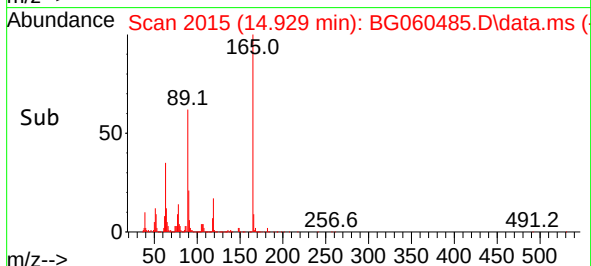
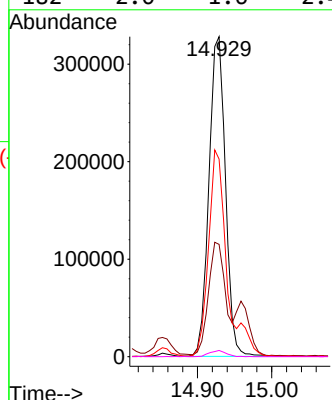
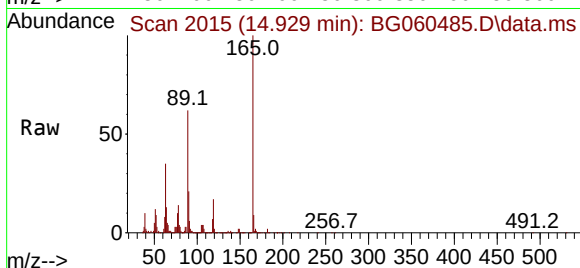
Ion Ratio Lower Upper

165 100

63 35.1 30.4 45.6

89 61.8 55.4 83.0

182 2.0 1.6 2.4



#58

Fluorene

Concen: 42.528 ng

RT: 15.611 min Scan# 2131

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

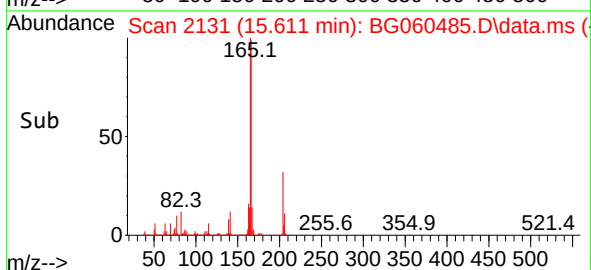
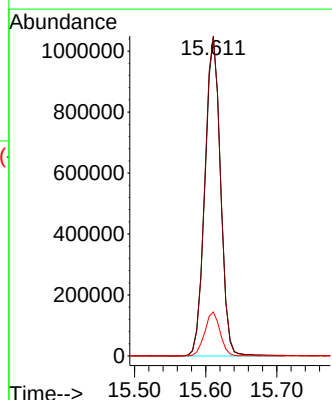
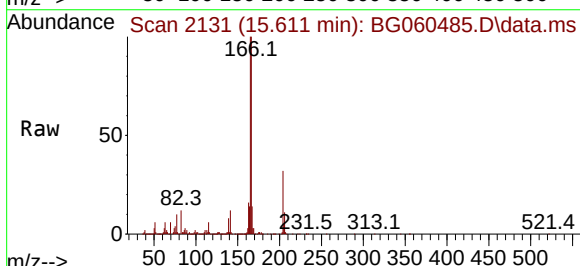
Tgt Ion:166 Resp: 1591856

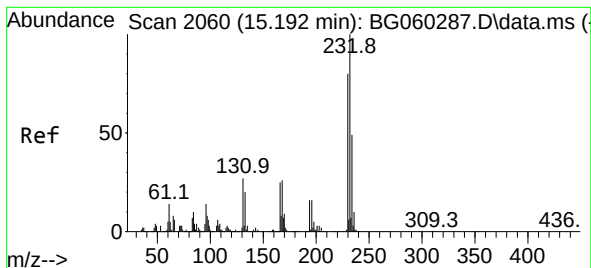
Ion Ratio Lower Upper

166 100

165 100.5 79.0 118.6

167 13.8 11.4 17.0

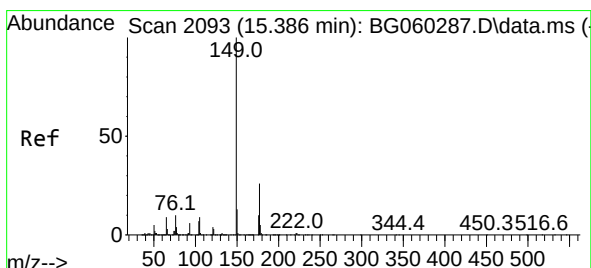
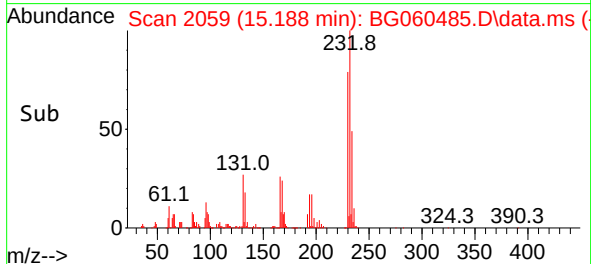
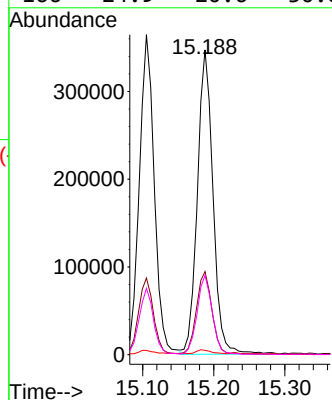
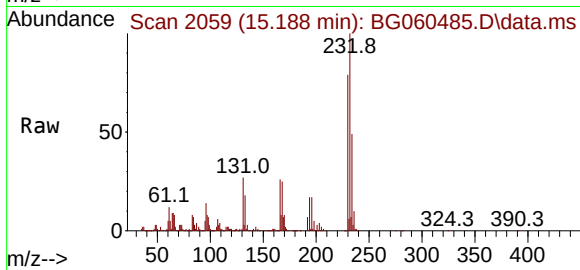




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.380 ng
RT: 15.188 min Scan# 2060
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

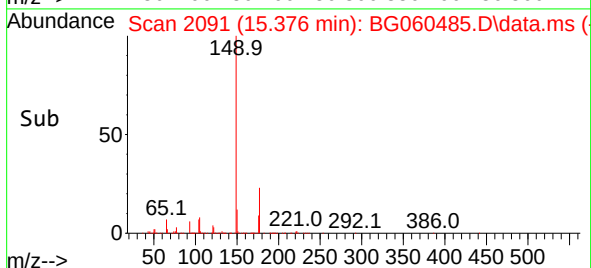
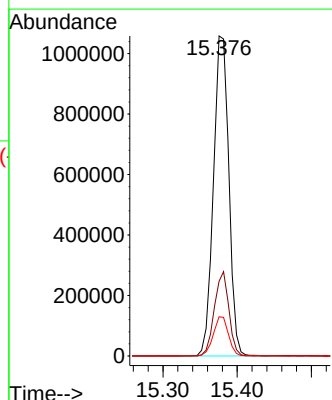
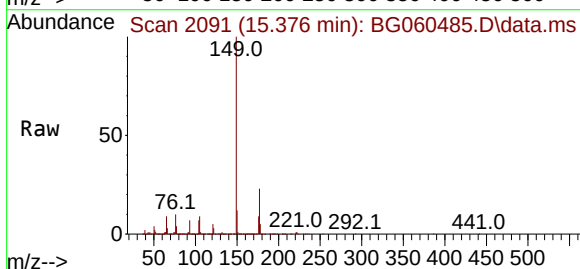
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

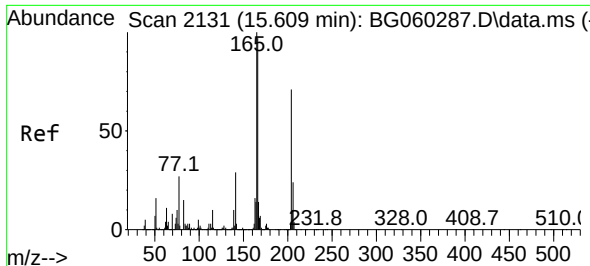
Tgt Ion:232 Resp: 531116
Ion Ratio Lower Upper
232 100
131 27.1 22.7 34.1
130 1.3 1.1 1.7
166 24.9 20.6 30.8



#60
Diethylphthalate
Concen: 42.510 ng
RT: 15.376 min Scan# 2091
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:149 Resp: 1522873
Ion Ratio Lower Upper
149 100
177 23.4 20.9 31.3
150 12.3 10.2 15.2

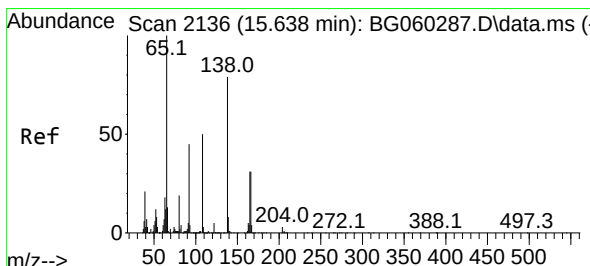
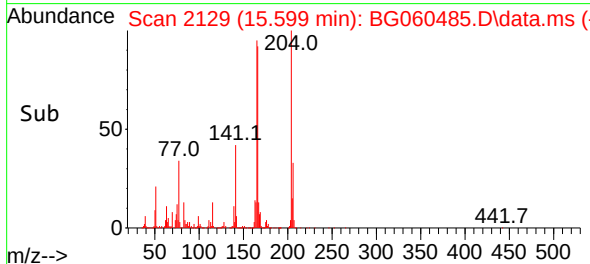
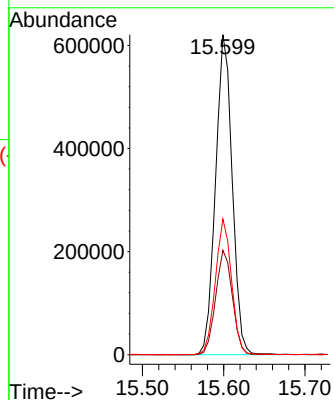
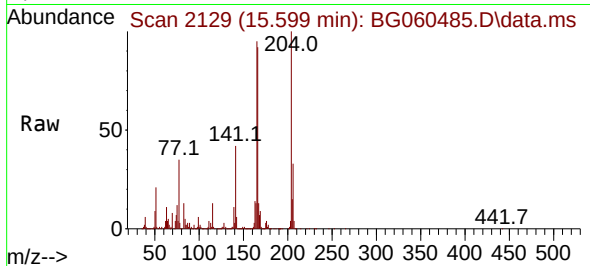




#61
4-Chlorophenyl-phenylether
Concen: 42.865 ng
RT: 15.599 min Scan# 2129
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

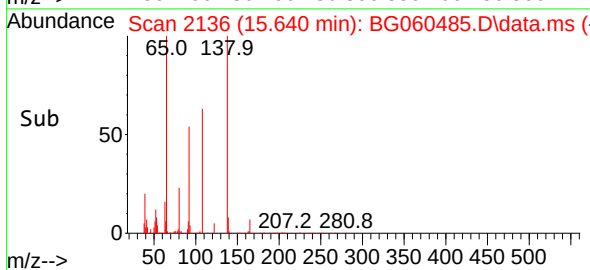
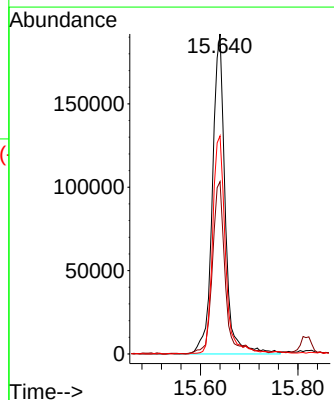
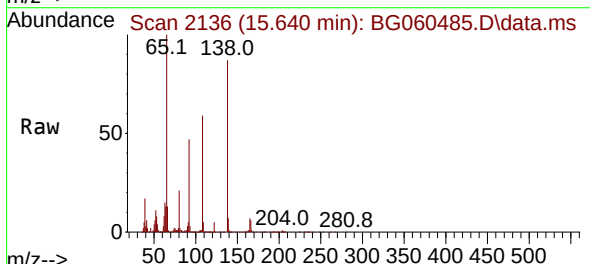
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

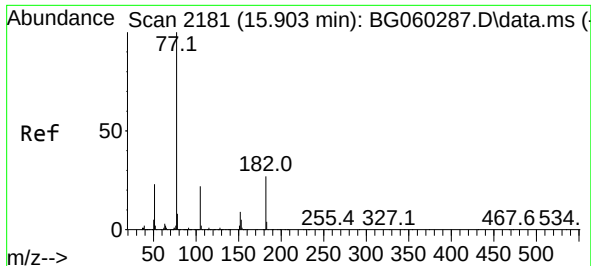
Tgt Ion:204 Resp: 883856
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 42.4 32.2 48.2



#62
4-Nitroaniline
Concen: 45.111 ng
RT: 15.640 min Scan# 2136
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:138 Resp: 348339
Ion Ratio Lower Upper
138 100
92 53.8 37.0 77.0
108 68.2 43.1 83.1



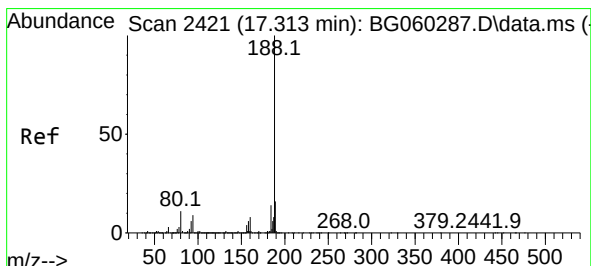
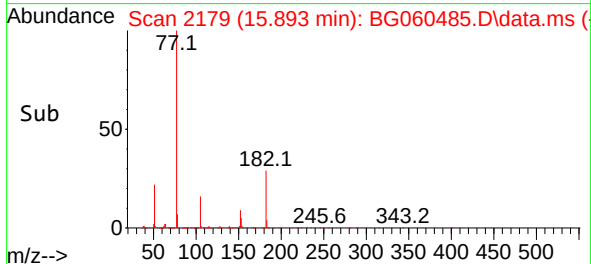
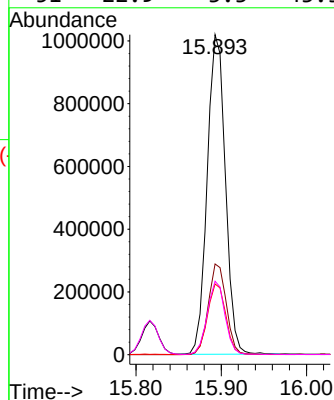
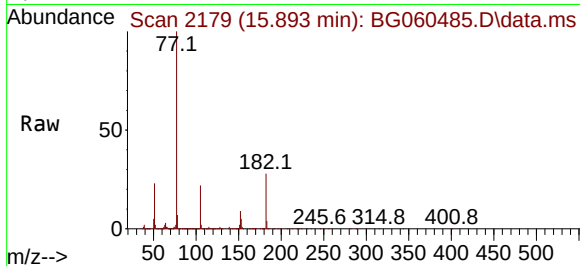


#63
Azobenzene
Concen: 41.632 ng
RT: 15.893 min Scan# 2181
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 77 Resp: 1508468

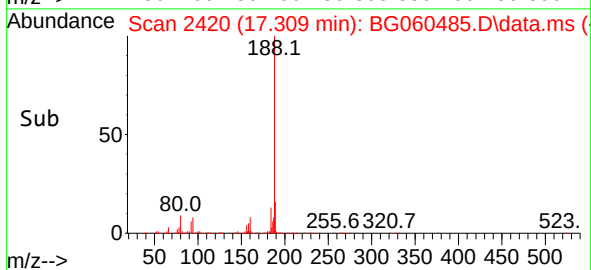
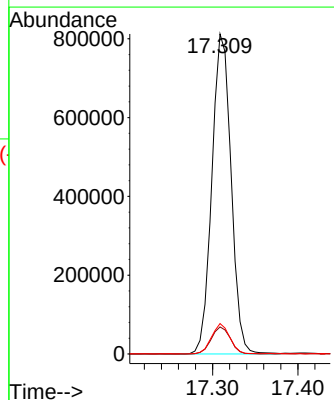
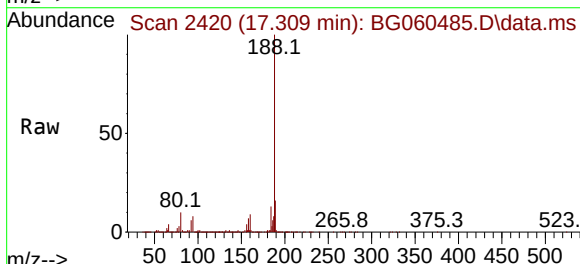
Ion	Ratio	Lower	Upper
77	100		
182	28.3	6.5	46.5
105	22.1	1.8	41.8
51	22.9	3.3	43.3

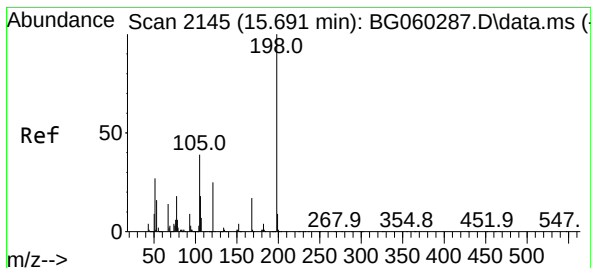


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.309 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion: 188 Resp: 1274004

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.5	8.5	12.7

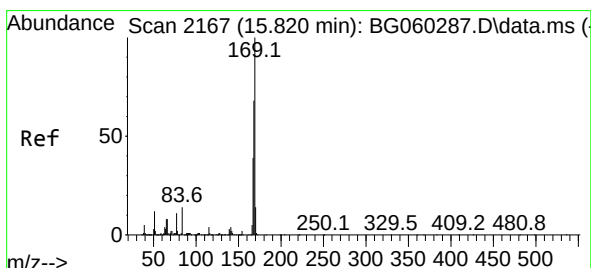
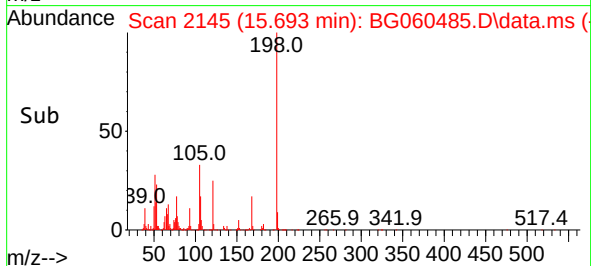
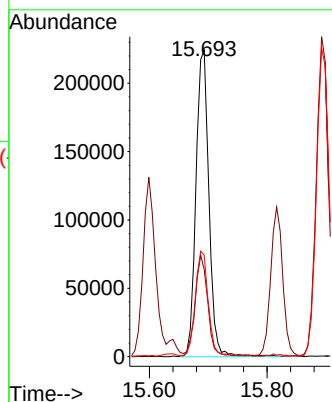
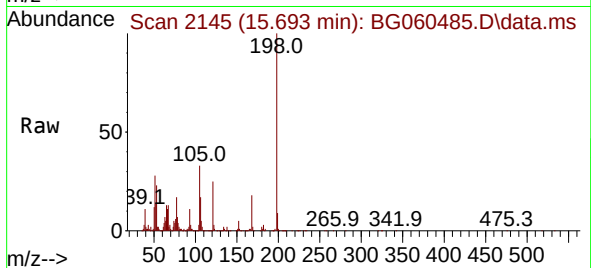




#65
4,6-Dinitro-2-methylphenol
Concen: 48.744 ng
RT: 15.693 min Scan# 2145
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

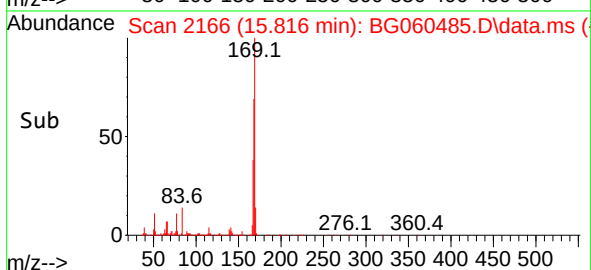
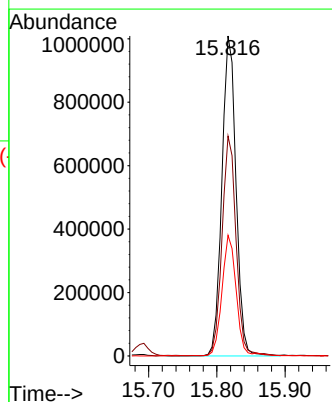
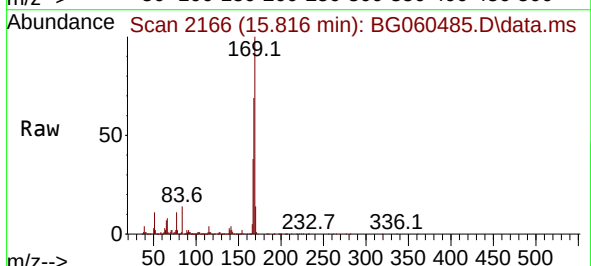
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

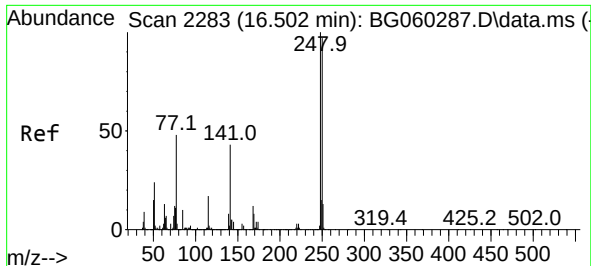
Tgt Ion:198 Resp: 343548
Ion Ratio Lower Upper
198 100
51 28.5 11.8 51.8
105 33.2 20.3 60.3



#66
n-Nitrosodiphenylamine
Concen: 43.018 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:169 Resp: 1455202
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 37.7 31.2 46.8

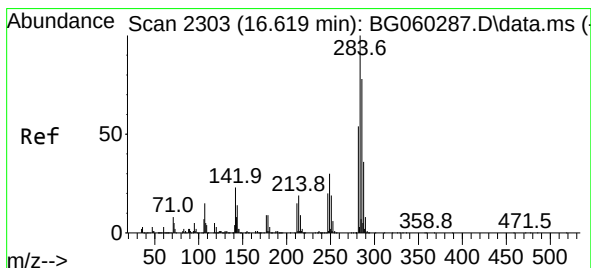
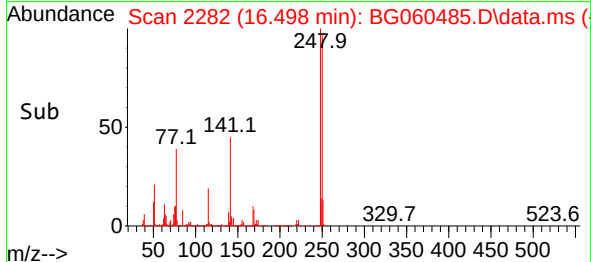
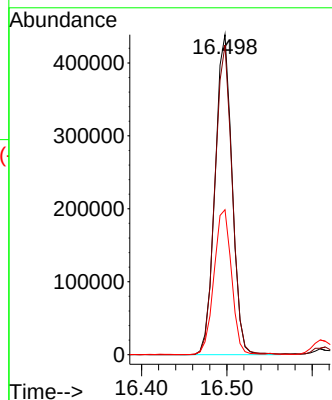
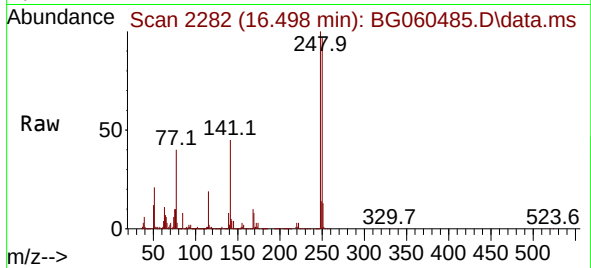




#67
4-Bromophenyl-phenylether
Concen: 43.657 ng
RT: 16.498 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

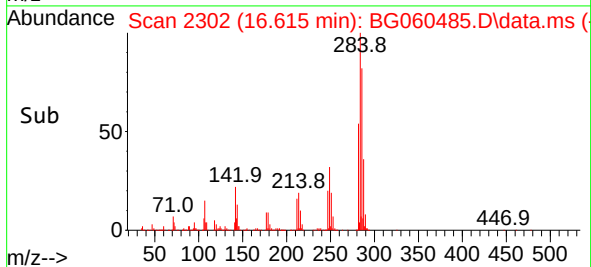
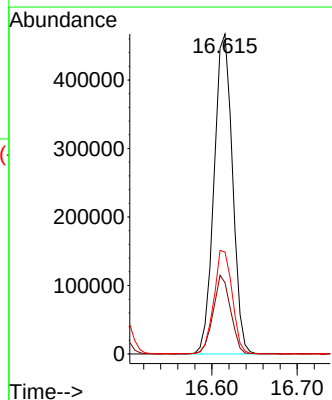
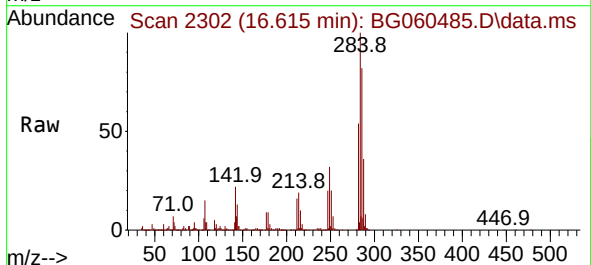
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

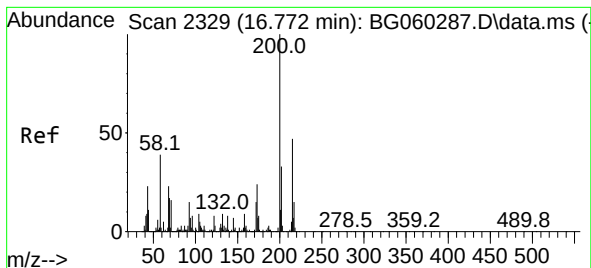
Tgt Ion:248 Resp: 611145
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 45.3 34.2 51.4



#68
Hexachlorobenzene
Concen: 42.363 ng
RT: 16.615 min Scan# 2302
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:284 Resp: 701983
Ion Ratio Lower Upper
284 100
142 22.3 18.2 27.4
249 31.8 24.3 36.5





#69

Atrazine

Concen: 48.385 ng

RT: 16.768 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

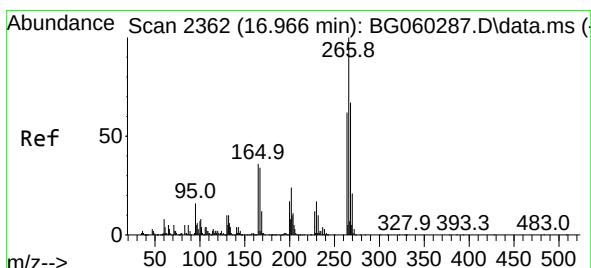
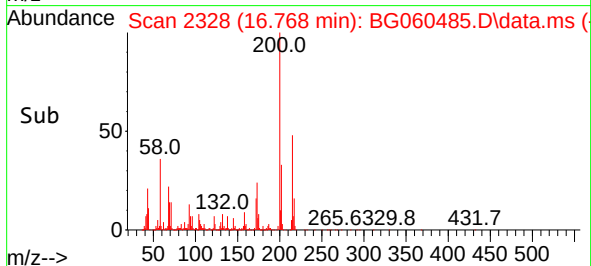
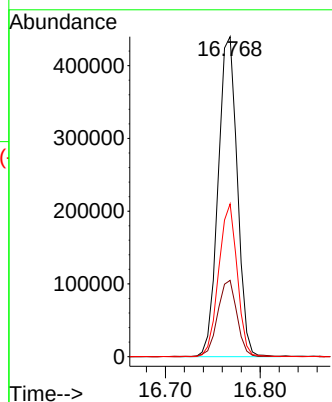
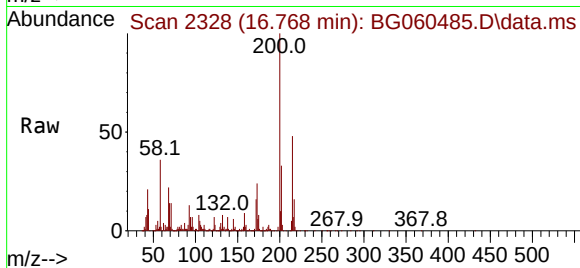
Tgt Ion:200 Resp: 617182

Ion Ratio Lower Upper

200 100

173 23.9 4.1 44.1

215 47.7 27.4 67.4



#70

Pentachlorophenol

Concen: 98.707 ng

RT: 16.962 min Scan# 2361

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

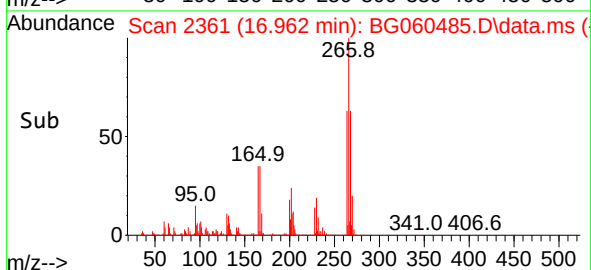
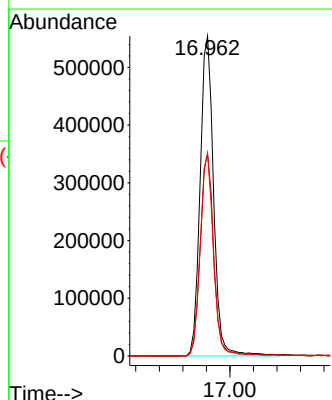
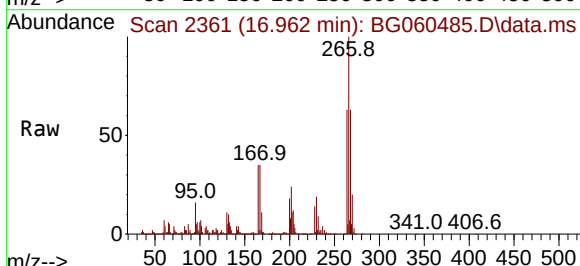
Tgt Ion:266 Resp: 881637

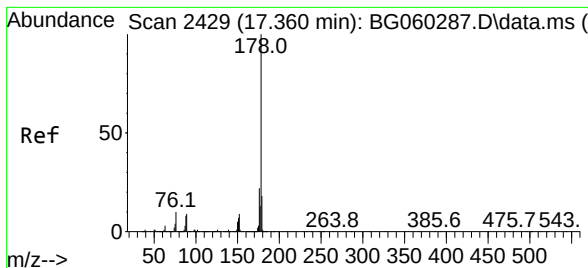
Ion Ratio Lower Upper

266 100

268 63.3 57.4 86.2

264 63.4 49.8 74.8





#71

Phenanthrene

Concen: 45.157 ng

RT: 17.356 min Scan# 2428

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

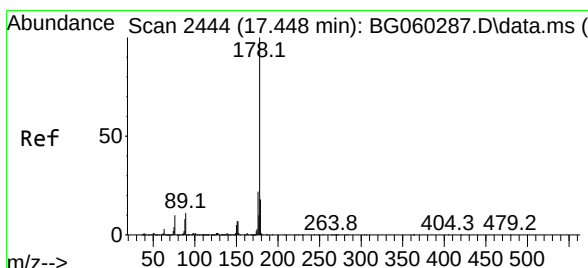
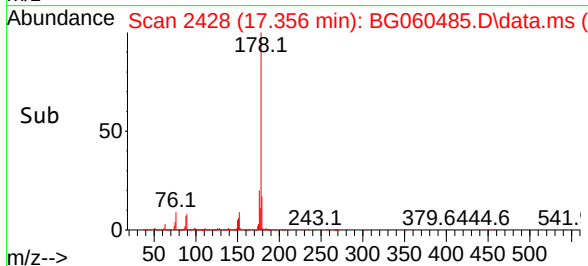
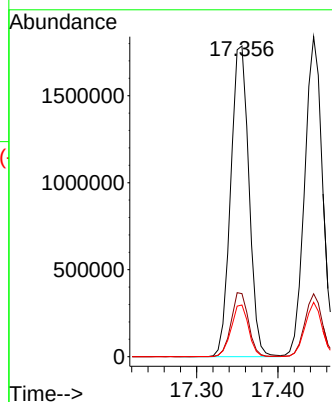
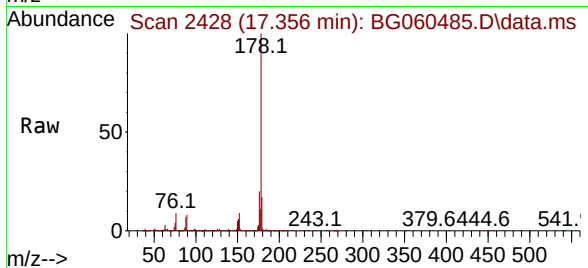
Tgt Ion:178 Resp: 2780723

Ion Ratio Lower Upper

178 100

176 20.3 17.4 26.2

179 16.6 14.7 22.1



#72

Anthracene

Concen: 46.103 ng

RT: 17.444 min Scan# 2443

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

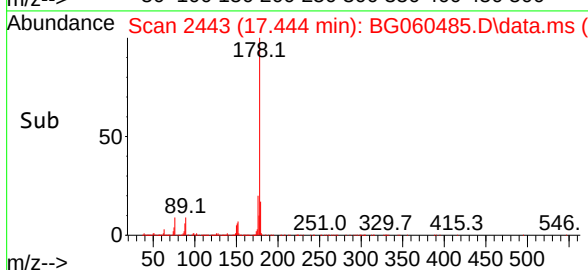
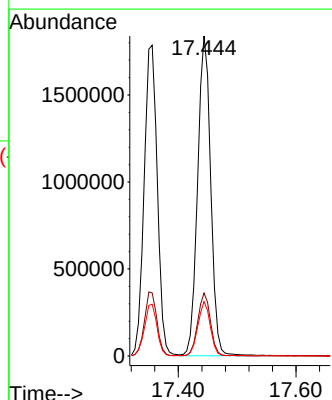
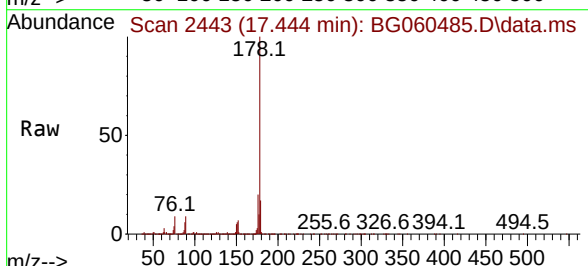
Tgt Ion:178 Resp: 2834439

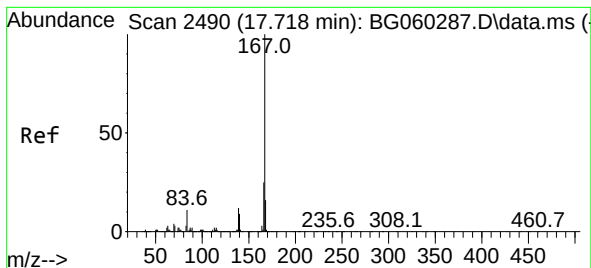
Ion Ratio Lower Upper

178 100

176 19.7 17.8 26.6

179 17.0 14.1 21.1





#73

Carbazole

Concen: 43.449 ng

RT: 17.714 min Scan# 2490

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

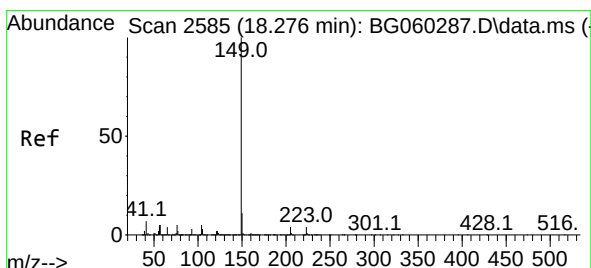
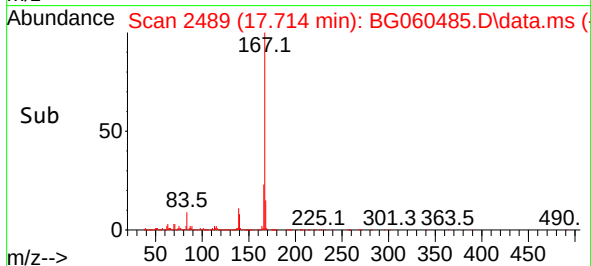
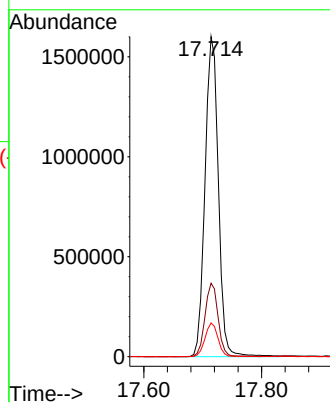
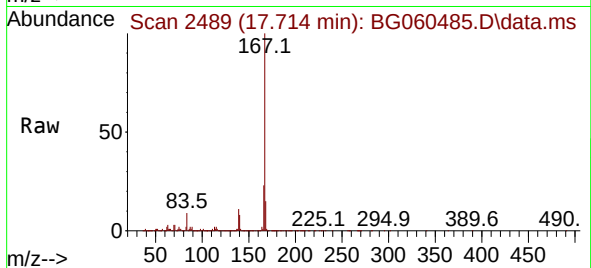
Tgt Ion:167 Resp: 2518346

Ion Ratio Lower Upper

167 100

166 23.0 19.8 29.8

139 10.6 9.3 13.9



#74

Di-n-butylphthalate

Concen: 46.372 ng

RT: 18.272 min Scan# 2584

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

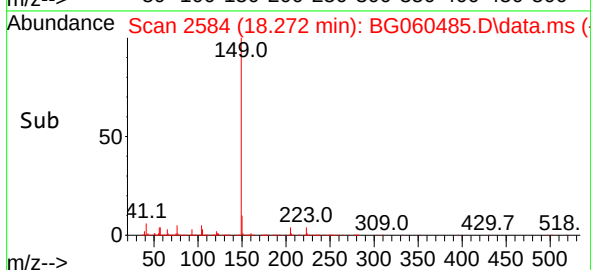
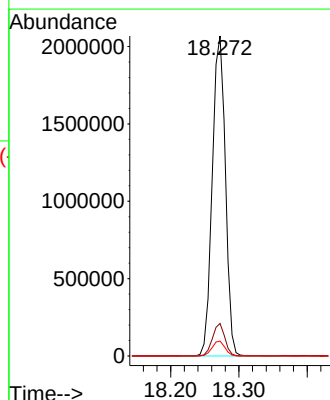
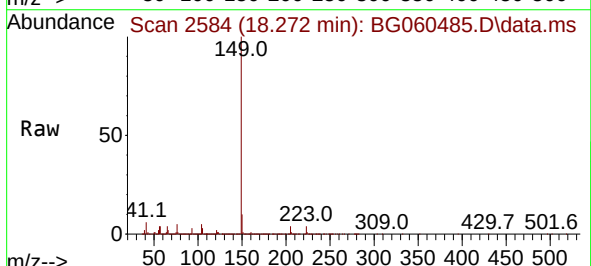
Tgt Ion:149 Resp: 2765538

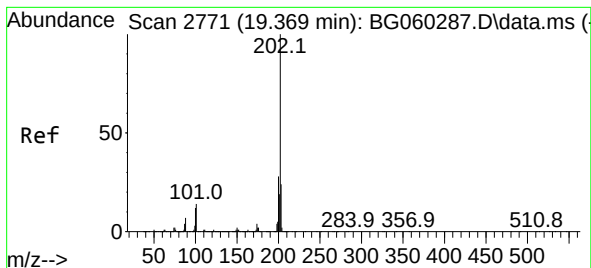
Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

104 4.7 4.3 6.5





#75

Fluoranthene

Concen: 44.762 ng

RT: 19.371 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

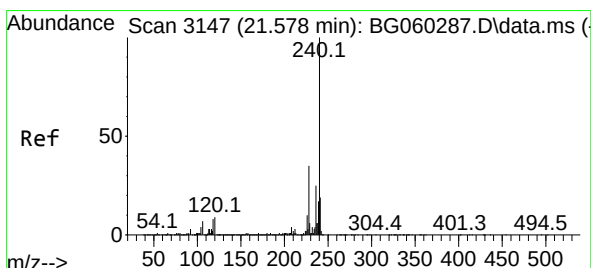
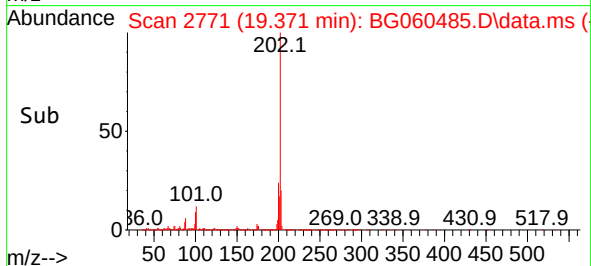
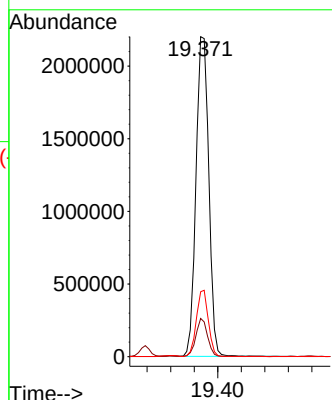
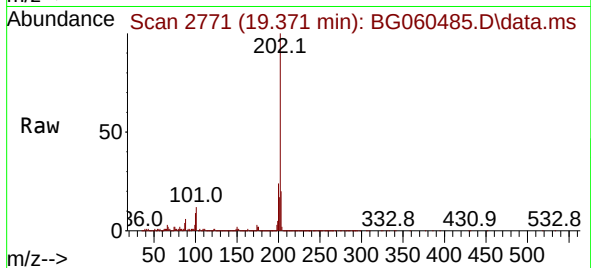
Tgt Ion:202 Resp: 3310746

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.4

203 20.3 4.0 44.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.574 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

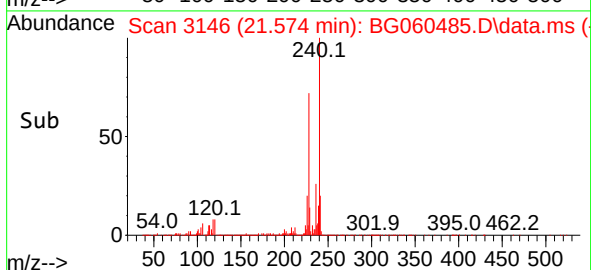
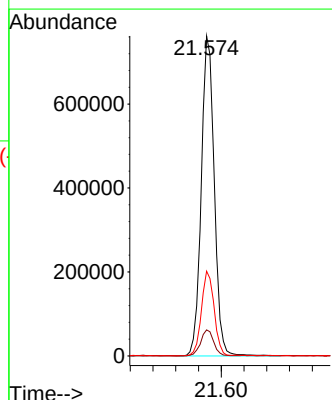
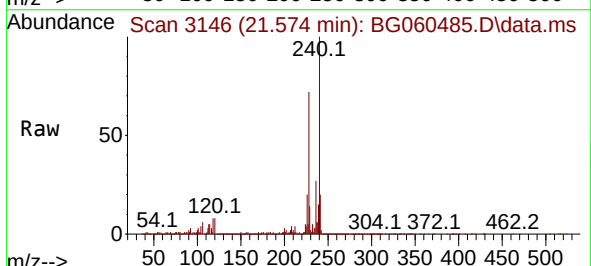
Tgt Ion:240 Resp: 1209178

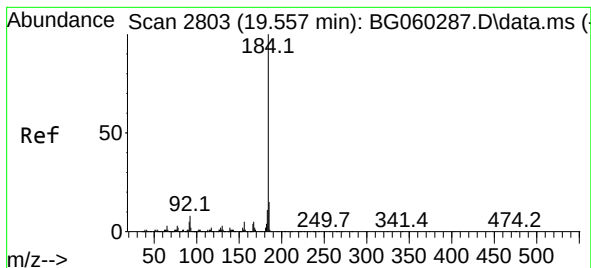
Ion Ratio Lower Upper

240 100

120 8.1 7.3 10.9

236 26.5 20.3 30.5





#77

Benzidine

Concen: 44.752 ng

RT: 19.559 min Scan# 2803

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

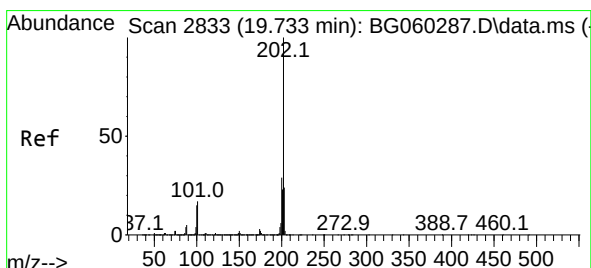
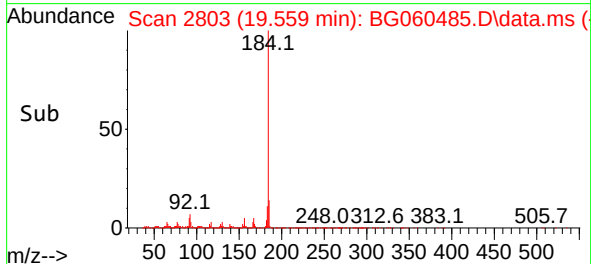
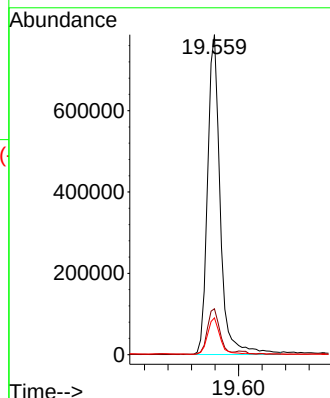
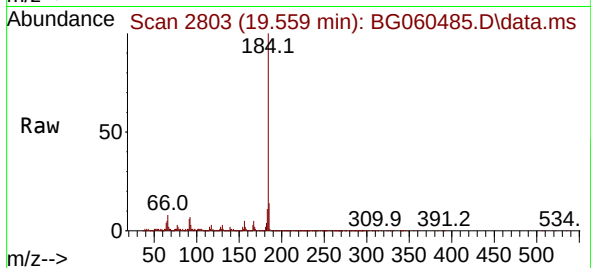
Tgt Ion:184 Resp: 1175619

Ion Ratio Lower Upper

184 100

185 14.3 12.2 18.4

183 11.5 9.0 13.4



#78

Pyrene

Concen: 44.667 ng

RT: 19.735 min Scan# 2833

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

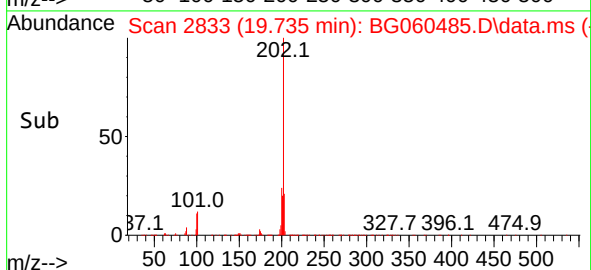
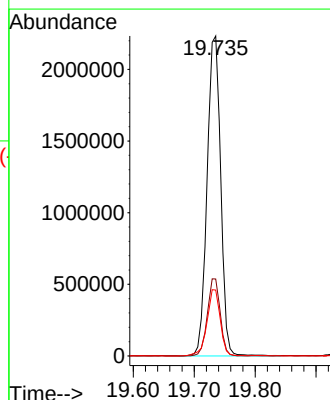
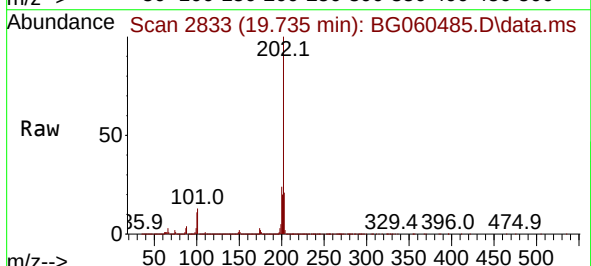
Tgt Ion:202 Resp: 3449102

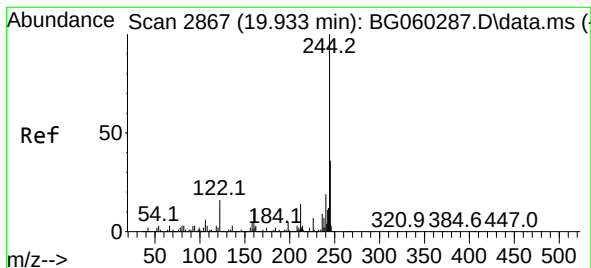
Ion Ratio Lower Upper

202 100

200 24.1 23.5 35.3

203 20.6 19.6 29.4





#79

Terphenyl-d14

Concen: 80.848 ng

RT: 19.929 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

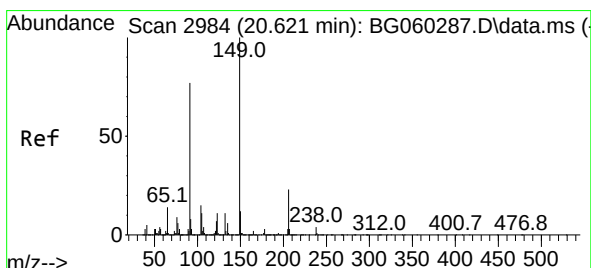
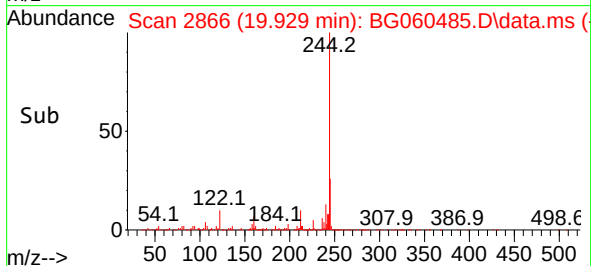
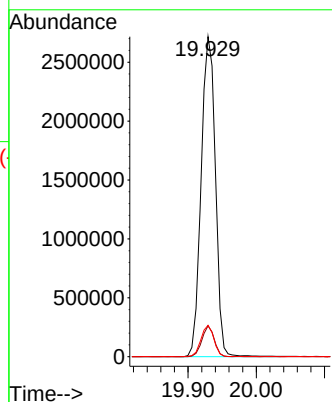
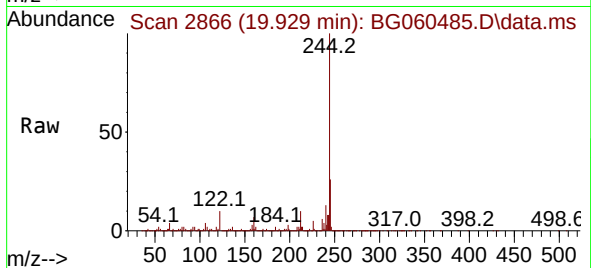
Tgt Ion:244 Resp: 3947955

Ion Ratio Lower Upper

244 100

212 9.7 10.9 16.3#

122 9.8 12.6 18.8#



#80

Butylbenzylphthalate

Concen: 47.736 ng

RT: 20.617 min Scan# 2983

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

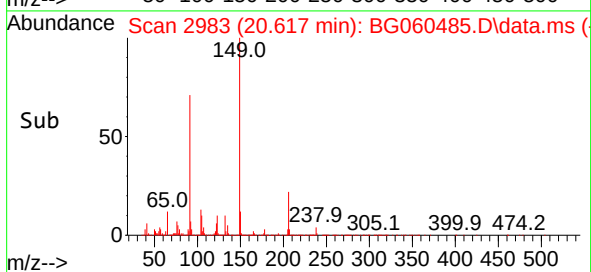
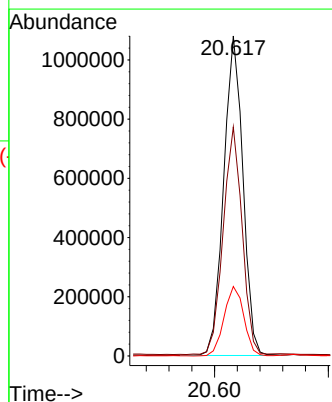
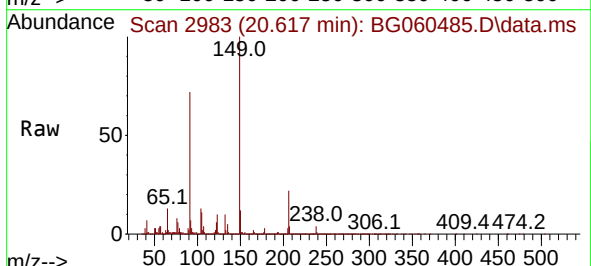
Tgt Ion:149 Resp: 1268154

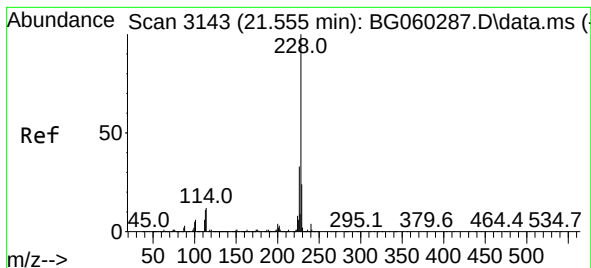
Ion Ratio Lower Upper

149 100

91 71.5 61.4 92.2

206 21.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 46.444 ng

RT: 21.557 min Scan# 3143

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

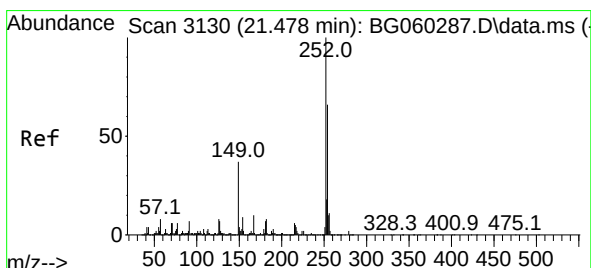
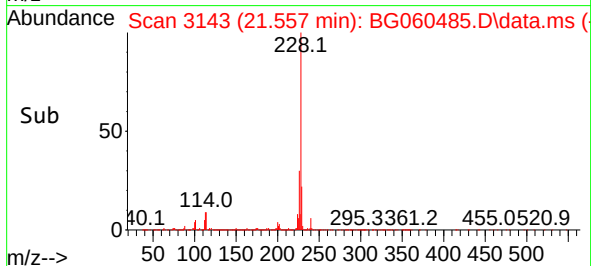
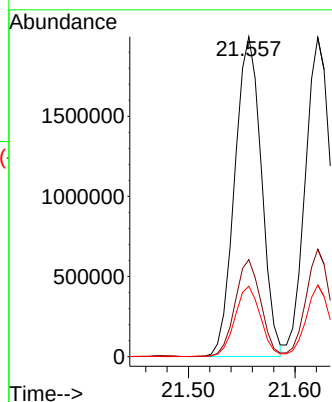
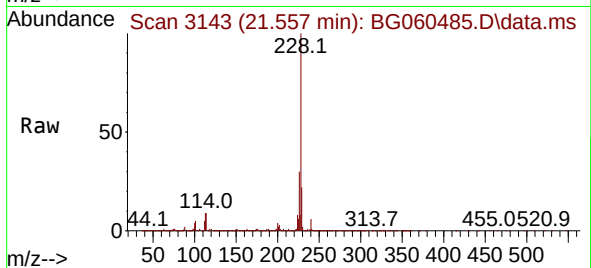
Tgt Ion:228 Resp: 3476638

Ion Ratio Lower Upper

228 100

226 30.4 26.2 39.2

229 22.0 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 21.099 ng

RT: 21.474 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

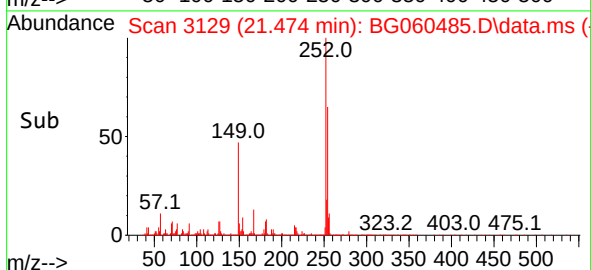
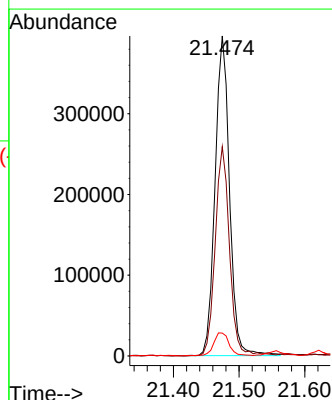
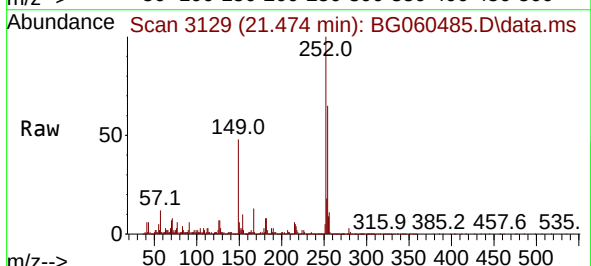
Tgt Ion:252 Resp: 604874

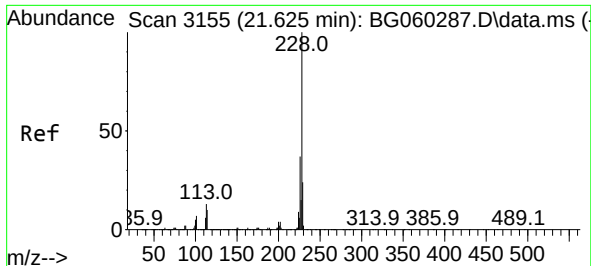
Ion Ratio Lower Upper

252 100

254 65.4 52.6 79.0

126 7.2 6.3 9.5

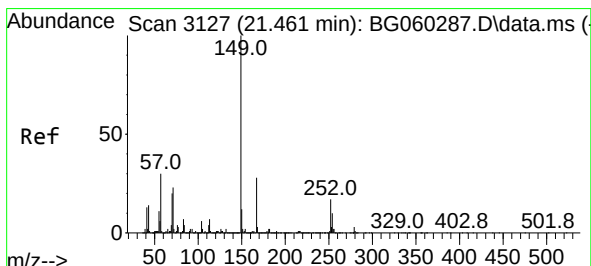
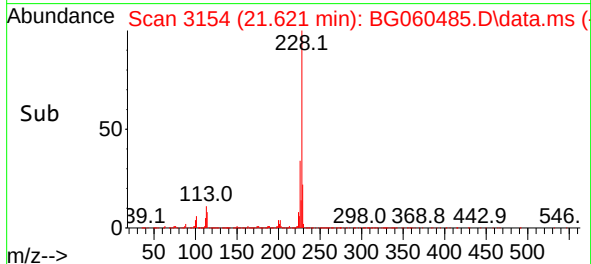
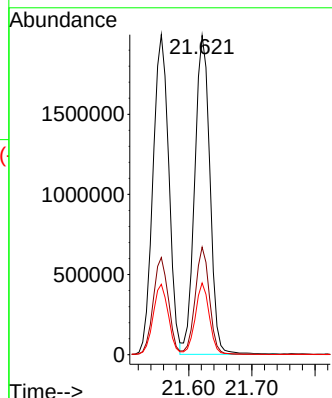
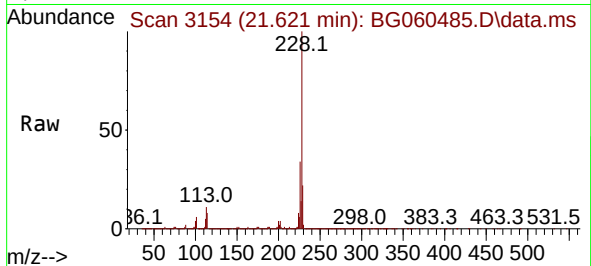




#83
Chrysene
Concen: 45.111 ng
RT: 21.621 min Scan# 3155
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

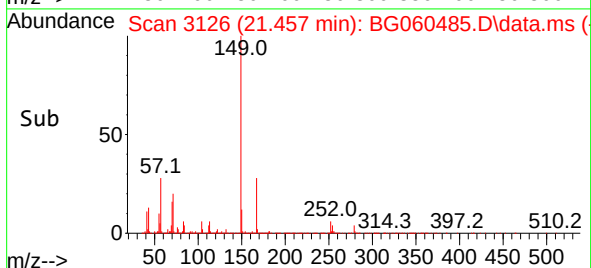
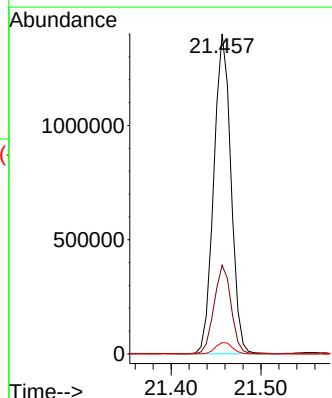
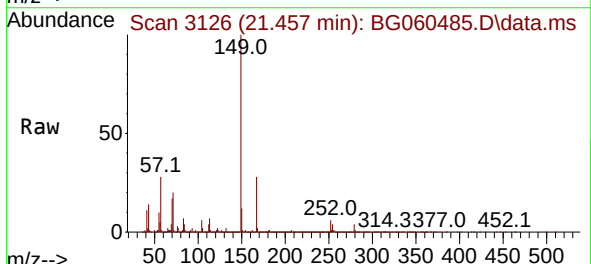
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

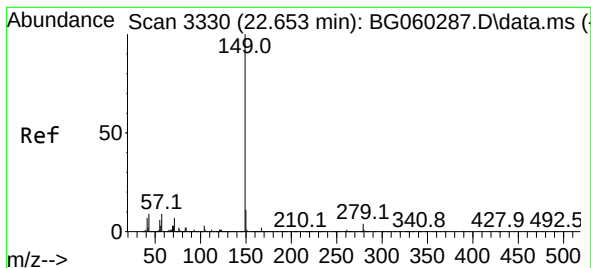
Tgt Ion:228 Resp: 3321175
Ion Ratio Lower Upper
228 100
226 33.7 29.4 44.2
229 22.4 19.2 28.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.231 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:149 Resp: 1855893
Ion Ratio Lower Upper
149 100
167 27.8 22.2 33.2
279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.938 ng

RT: 22.644 min Scan# 31

Delta R.T. -0.010 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

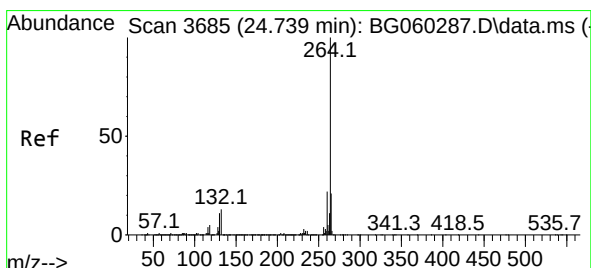
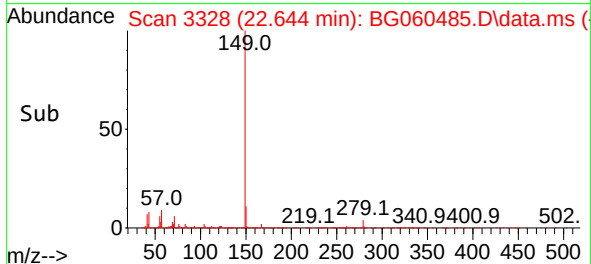
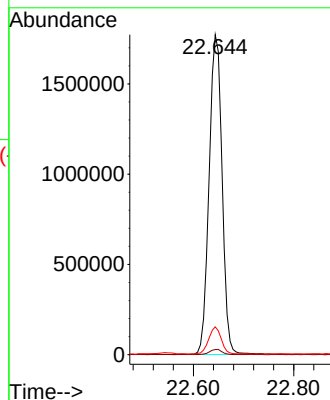
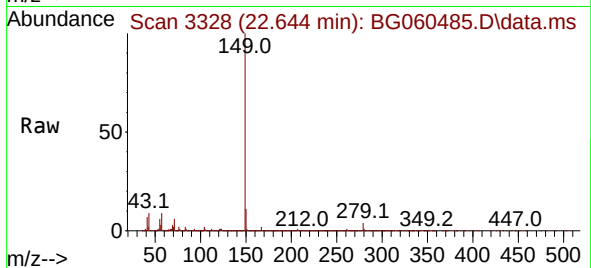
Tgt Ion:149 Resp: 3183639

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.735 min Scan# 3684

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

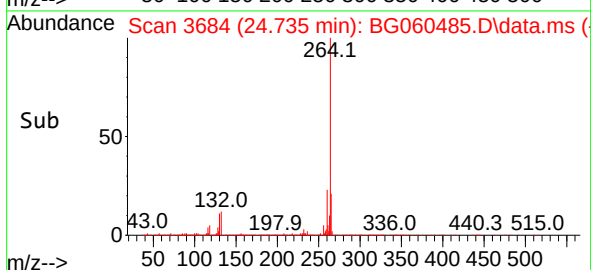
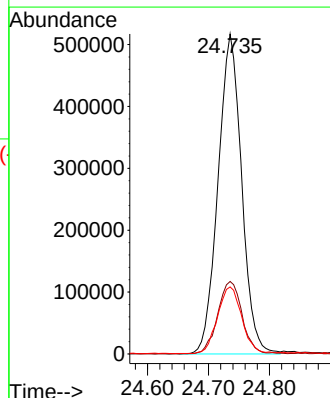
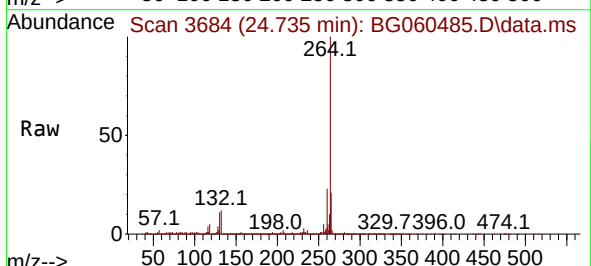
Tgt Ion:264 Resp: 1389701

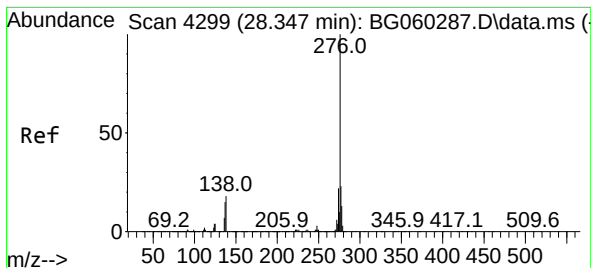
Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.6

265 20.9 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.834 ng

RT: 28.349 min Scan# 4299

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

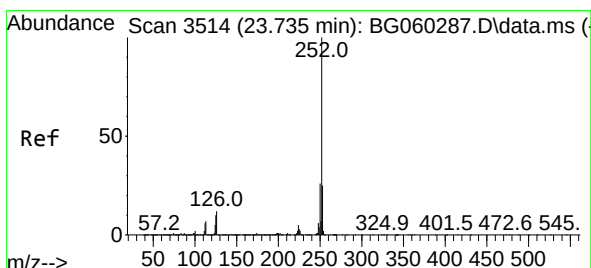
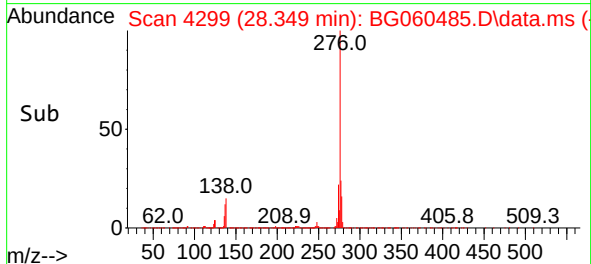
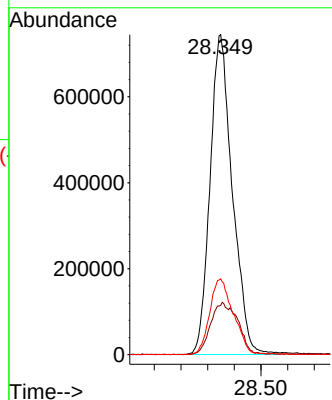
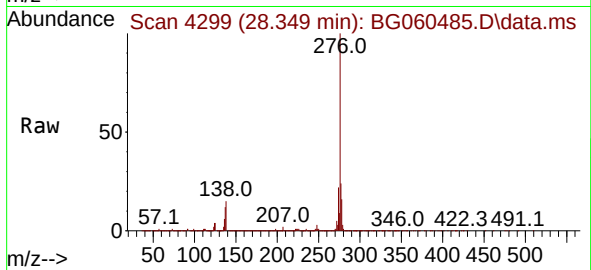
Tgt Ion:276 Resp: 4332159

Ion Ratio Lower Upper

276 100

138 19.7 12.5 18.7#

277 25.0 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 44.274 ng

RT: 23.736 min Scan# 3514

Delta R.T. 0.002 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

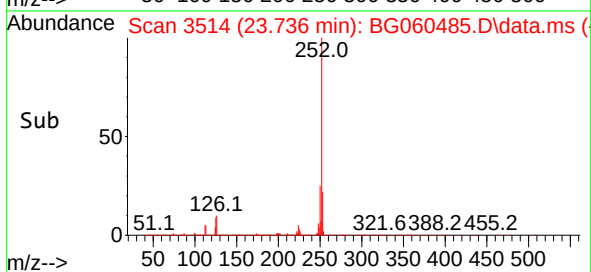
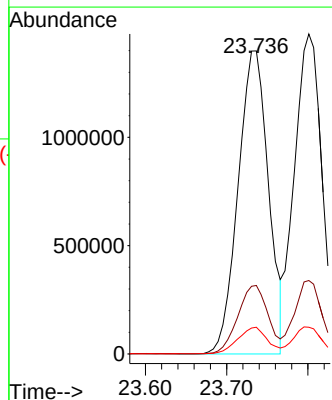
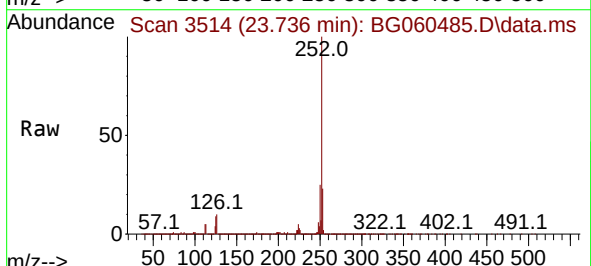
Tgt Ion:252 Resp: 3634805

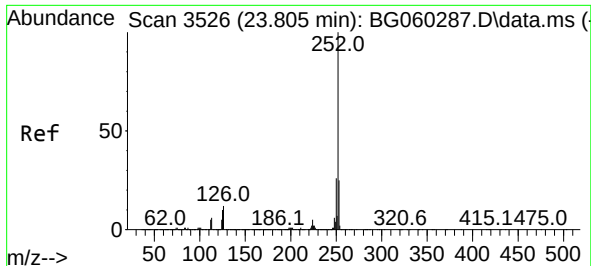
Ion Ratio Lower Upper

252 100

253 22.6 20.0 30.0

125 8.8 8.1 12.1

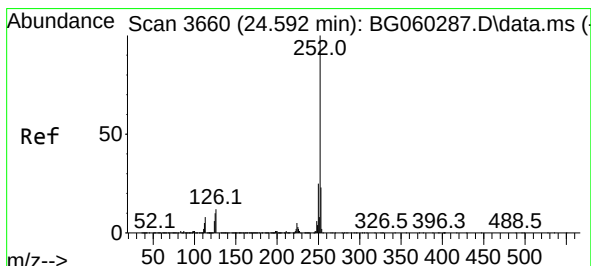
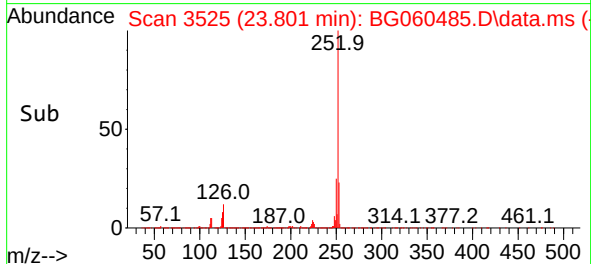
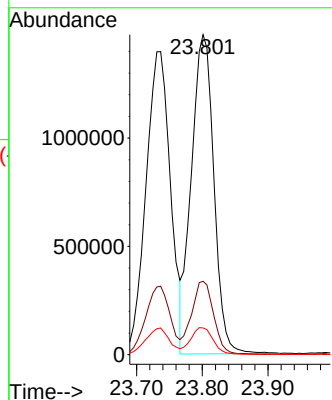
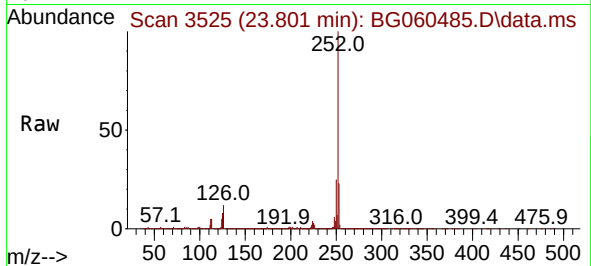




#89
Benzo(k)fluoranthene
Concen: 43.387 ng
RT: 23.801 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

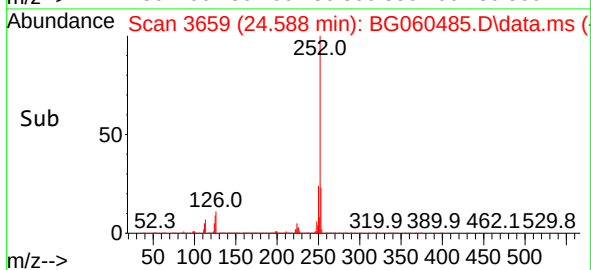
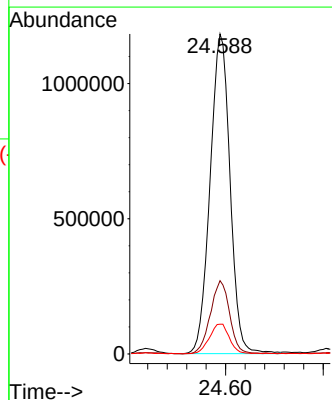
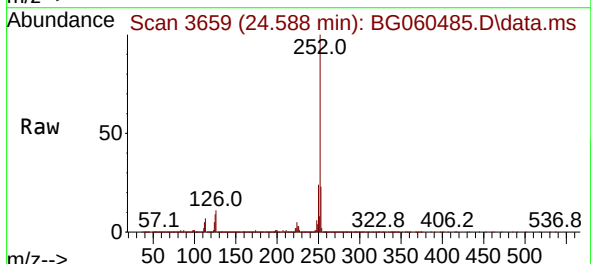
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

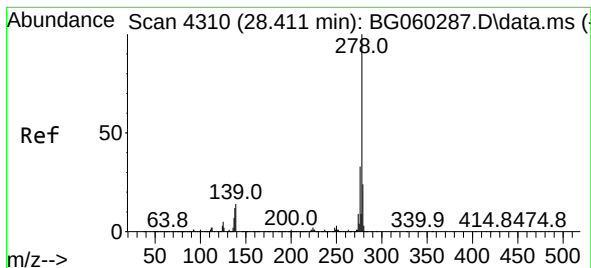
Tgt Ion:252 Resp: 3515004
Ion Ratio Lower Upper
252 100
253 23.0 19.6 29.4
125 8.3 8.2 12.2



#90
Benzo(a)pyrene
Concen: 45.163 ng
RT: 24.588 min Scan# 3659
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Tgt Ion:252 Resp: 3349458
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 9.3 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 43.483 ng

RT: 28.407 min Scan# 41

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Instrument :

BNA_G

ClientSampleId :

WC-SOIL-20240126MS

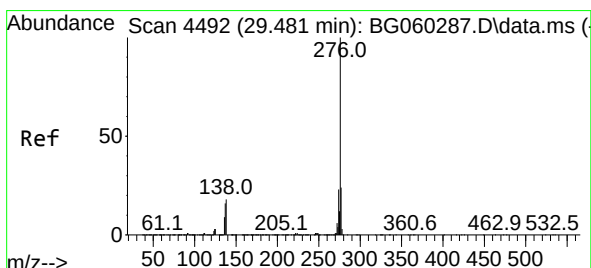
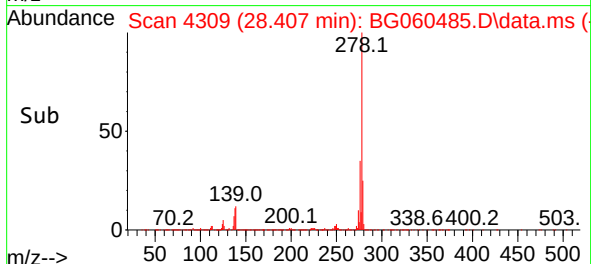
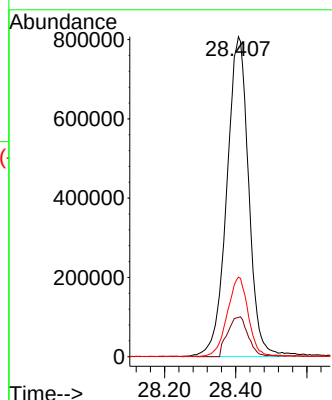
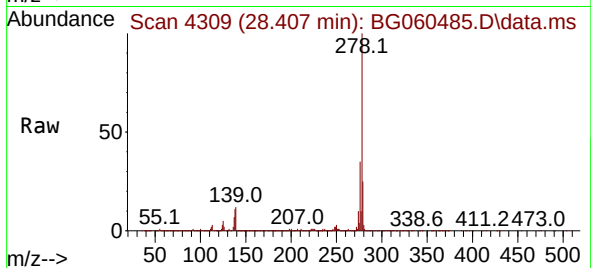
Tgt Ion:278 Resp: 3431348

Ion Ratio Lower Upper

278 100

139 12.3 10.9 16.3

279 24.9 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 42.401 ng

RT: 29.477 min Scan# 4491

Delta R.T. -0.004 min

Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Tgt Ion:276 Resp: 3429331

Ion Ratio Lower Upper

276 100

277 24.3 19.4 29.0

138 17.4 14.2 21.4

