

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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024

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	191653m	23.295	ng	
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	595406m	41.892	ng	
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	157398m	44.470	ng	
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

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Instrument :
 BNA_G
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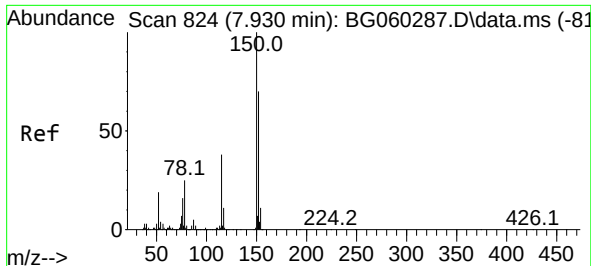
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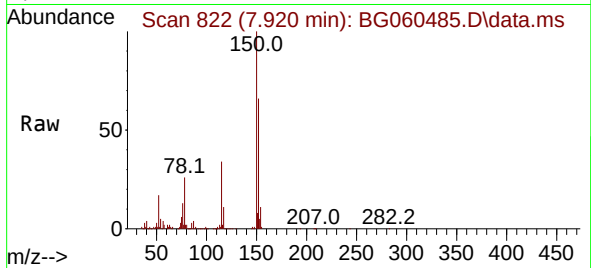
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.067	196	547981	45.016	ng	99
46) 1,1'-Biphenyl	13.396	154	1543403	41.873	ng	96
47) 2-Chloronaphthalene	13.437	162	1278475	40.488	ng	99
48) 2-Nitroaniline	13.642	65	358613	45.603	ng	98
49) Acenaphthylene	14.283	152	2041453	46.948	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

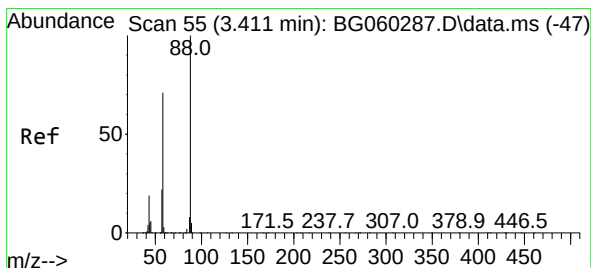
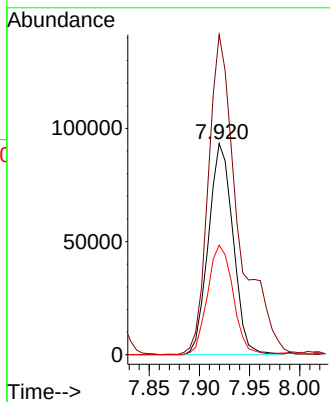
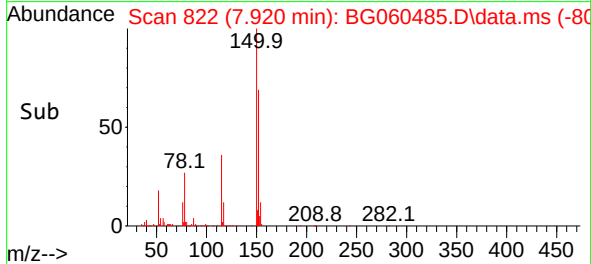
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:152 Resp: 15920
Ion Ratio Lower Upper
152 100
150 151.6 114.5 171.7
115 51.8 43.0 64.6

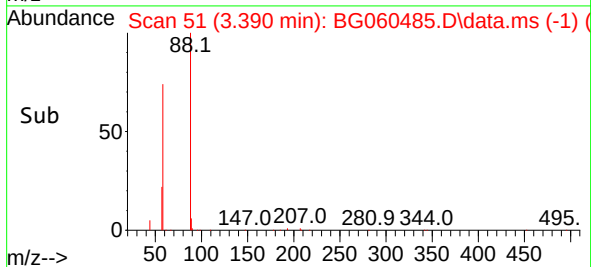
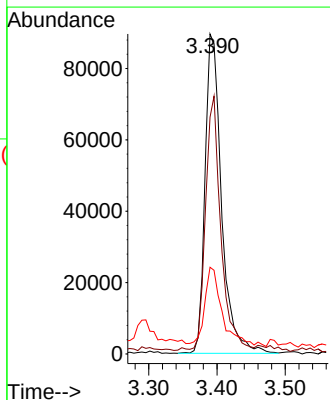
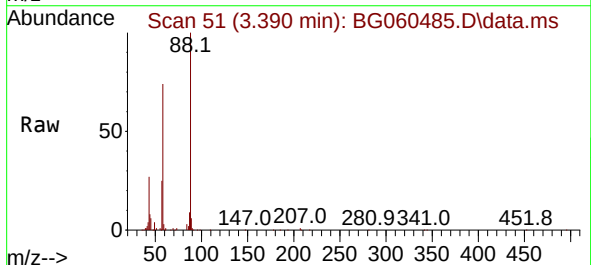
Manual Integrations
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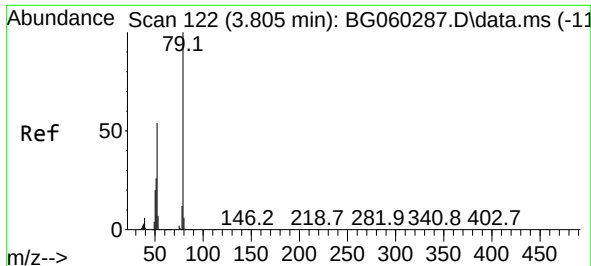
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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





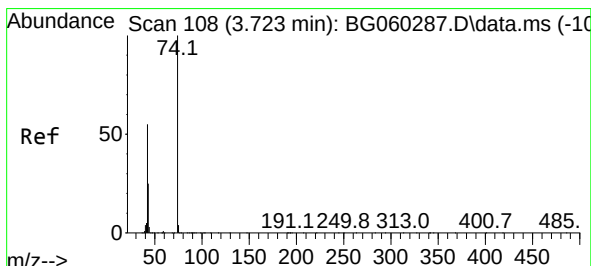
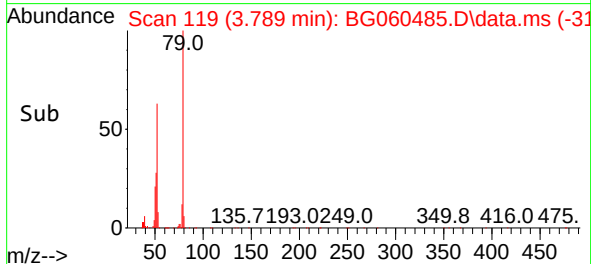
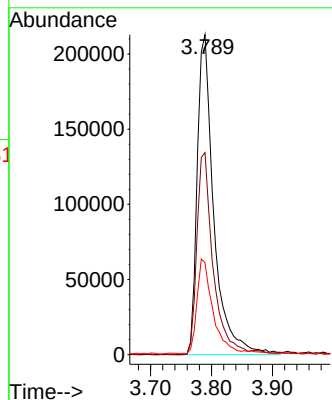
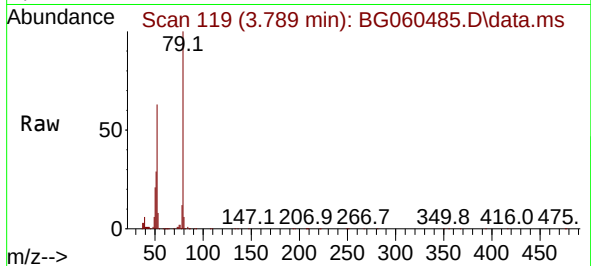
#3
Pyridine
Concen: 32.387 ng
RT: 3.789 min Scan# 119
Delta R.T. -0.016 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

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

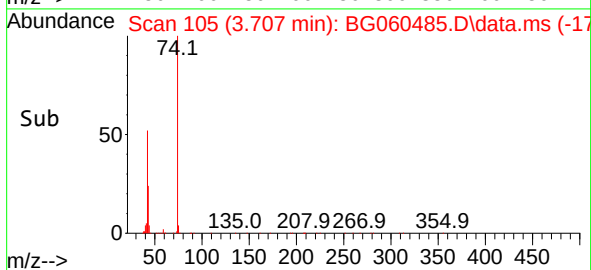
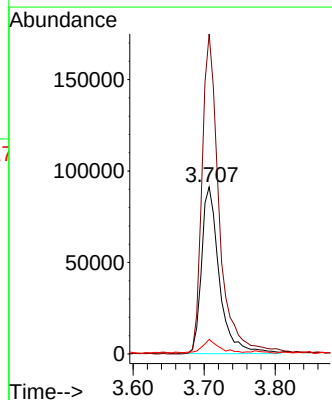
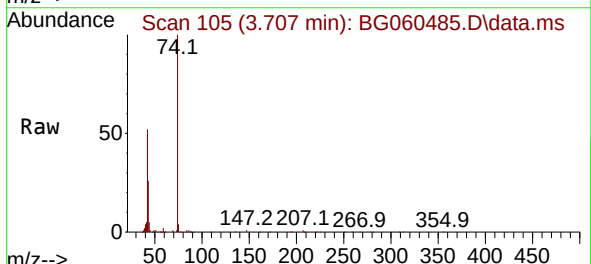
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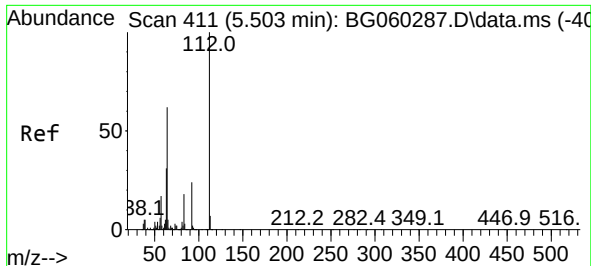
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

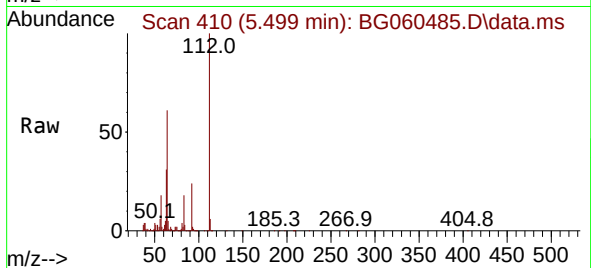
Tgt Ion: 42 Resp: 159219
Ion Ratio Lower Upper
42 100
74 191.5 145.1 217.7
44 8.7 5.2 7.8#





#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

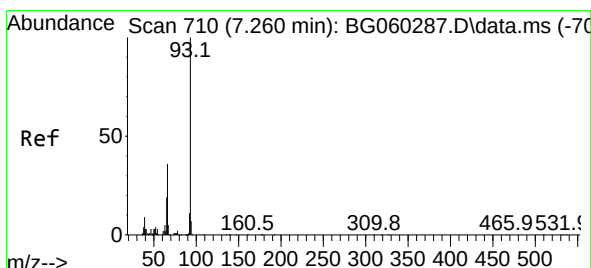
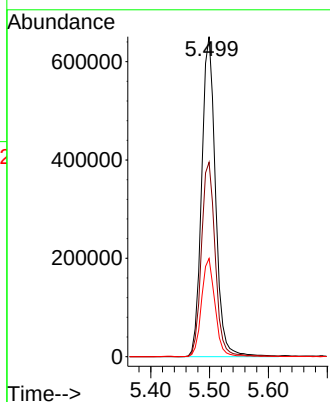
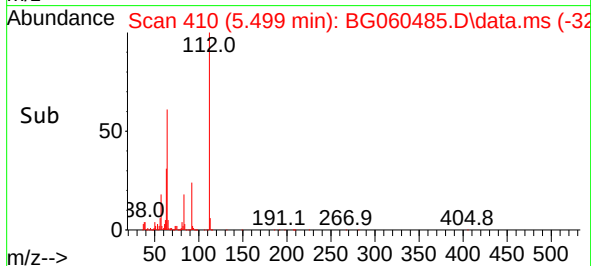
Instrument :
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ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion: 112 Resp: 106495
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 30.7 24.4 36.6

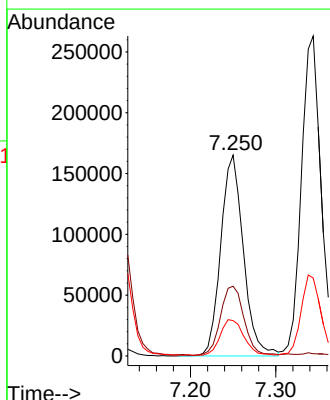
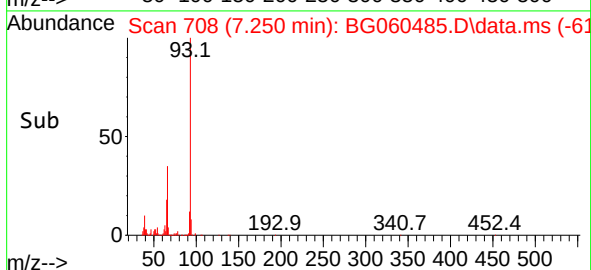
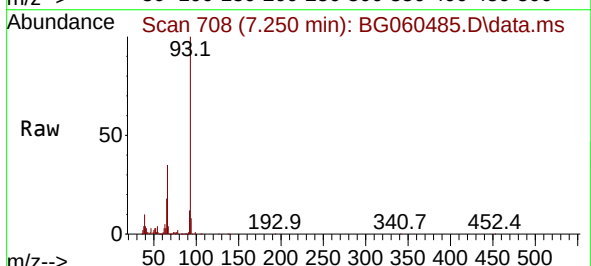
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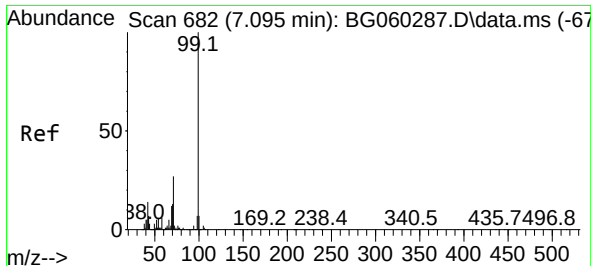
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

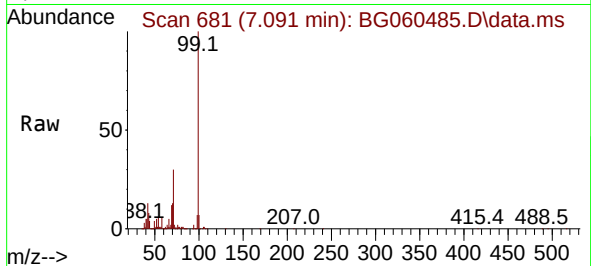
Tgt Ion: 93 Resp: 304531
Ion Ratio Lower Upper
93 100
66 34.7 29.0 43.4
65 17.7 15.1 22.7





#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

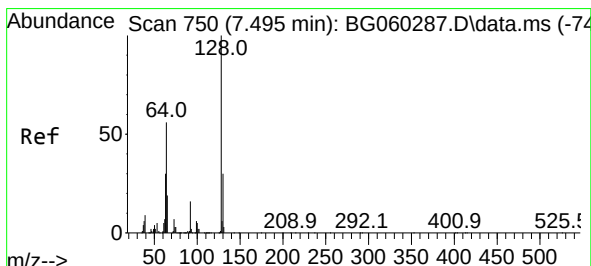
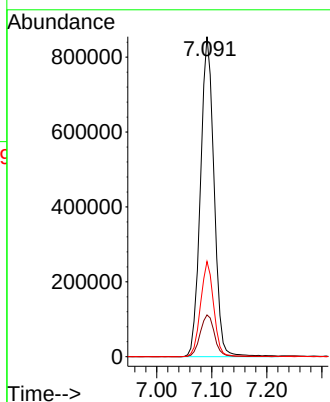
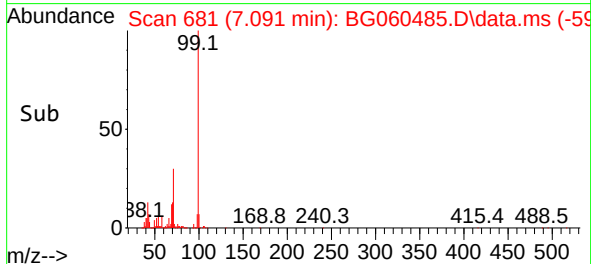
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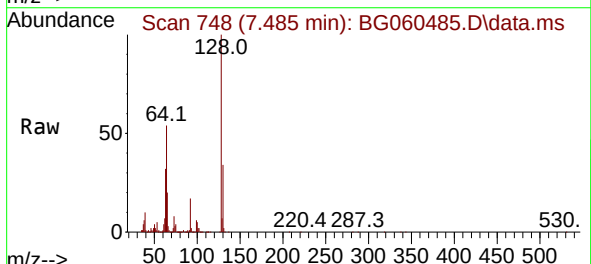
Tgt Ion: 99 Resp: 146737
Ion Ratio Lower Upper
99 100
42 13.1 10.9 16.3
71 29.7 21.5 32.3

Manual Integrations
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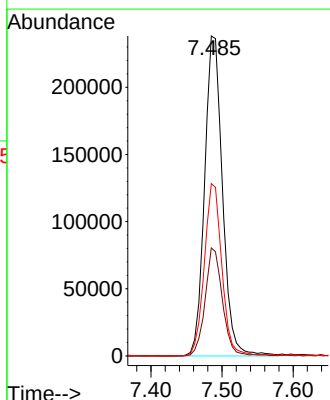
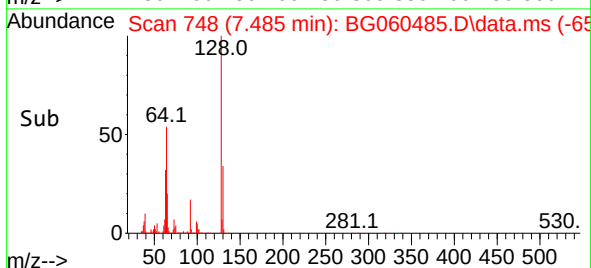
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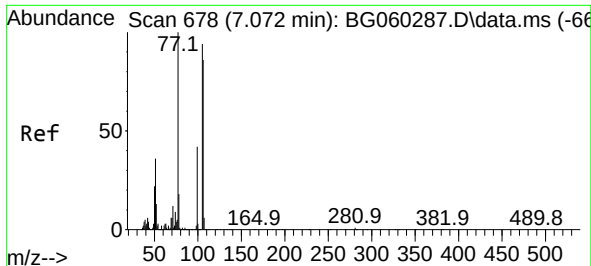


#8
2-Chlorophenol
Concen: 43.603 ng
RT: 7.485 min Scan# 748
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



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





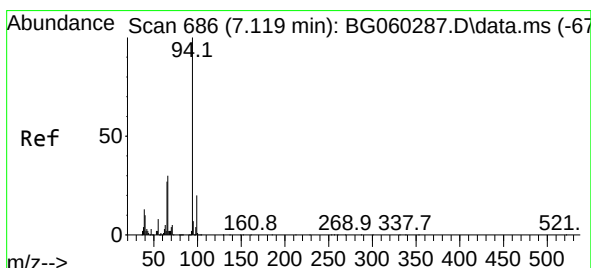
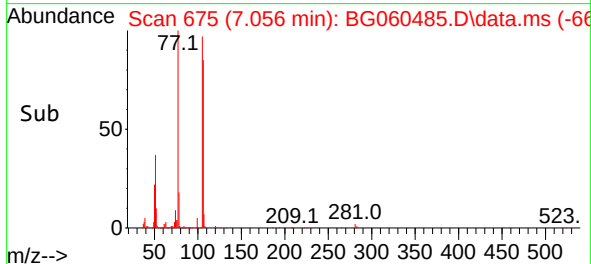
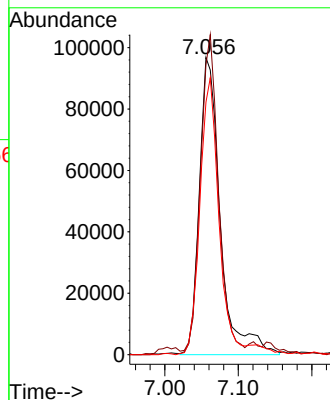
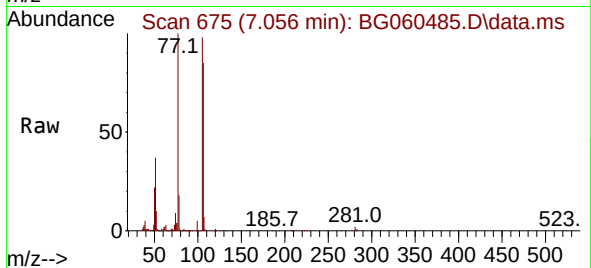
#9
Benzaldehyde
Concen: 23.295 ng m
RT: 7.056 min Scan# 61
Delta R.T. -0.016 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS

Tgt Ion: 77 Resp: 19165
Ion Ratio Lower Upper
77 100
105 97.6 73.6 113.6
106 84.9 66.2 106.2

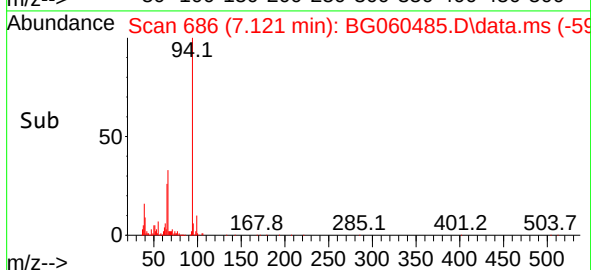
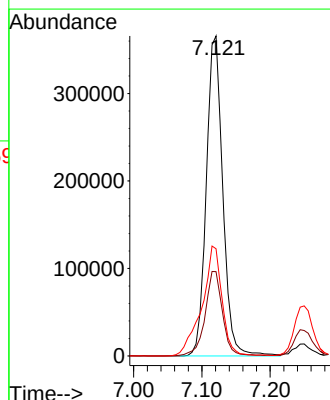
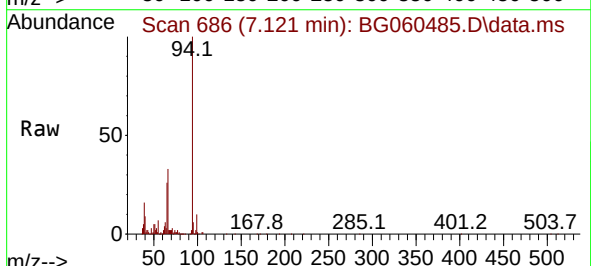
Manual Integrations
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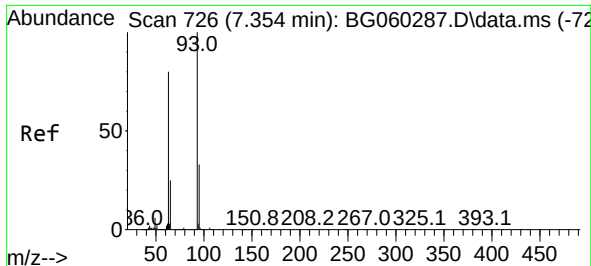
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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





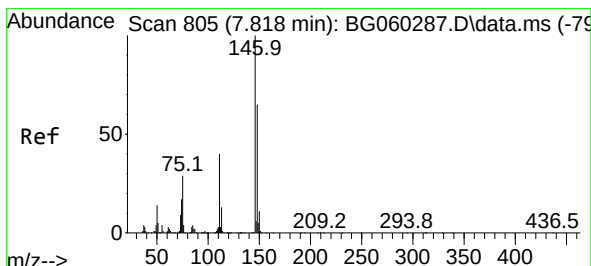
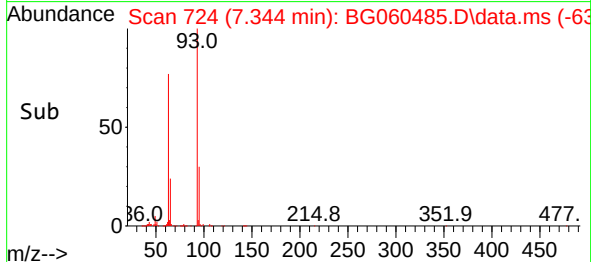
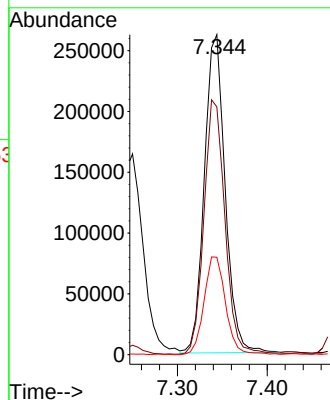
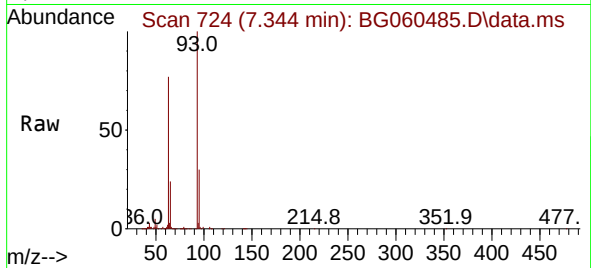
#11
bis(2-Chloroethyl)ether
Concen: 35.895 ng
RT: 7.344 min Scan# 724
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

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

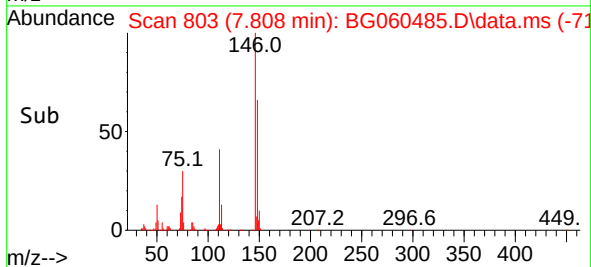
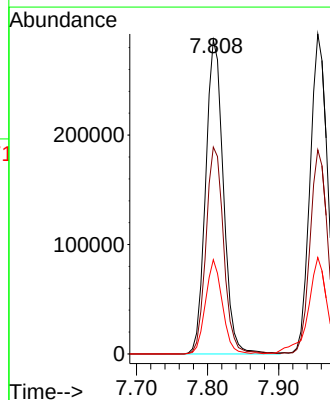
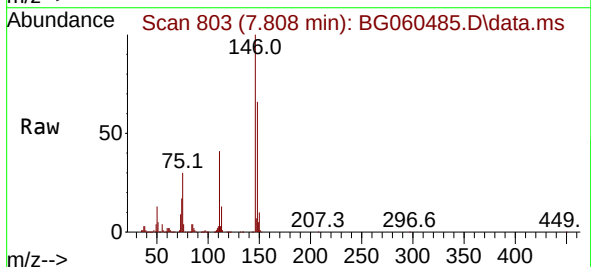
Manual Integrations
APPROVED

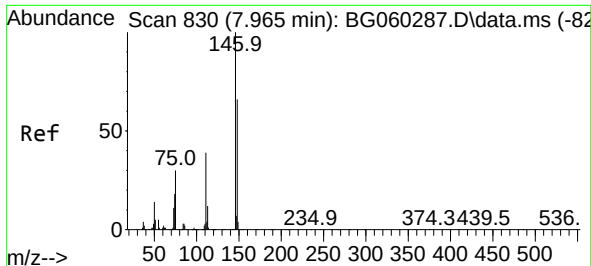
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

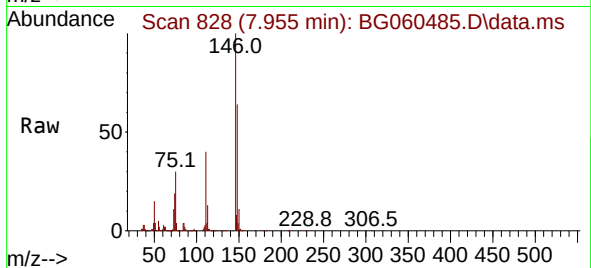
Tgt Ion:146 Resp: 498467
Ion Ratio Lower Upper
146 100
148 65.9 52.3 78.5
75 30.0 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 40.995 ng
RT: 7.955 min Scan# 811
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

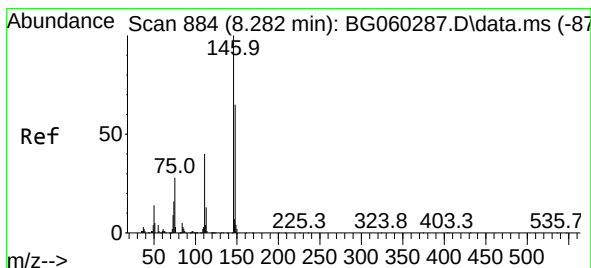
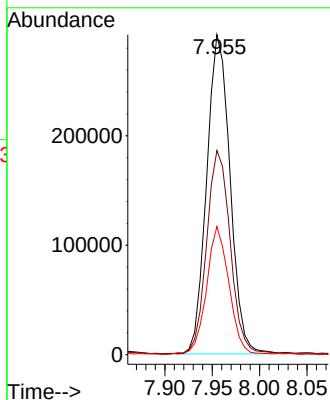
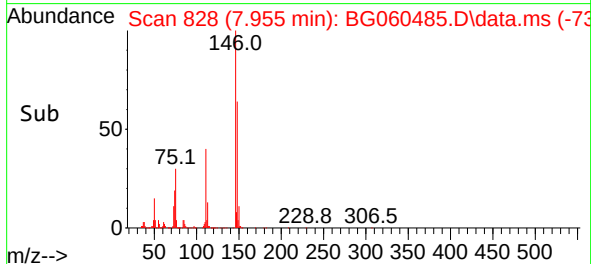
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



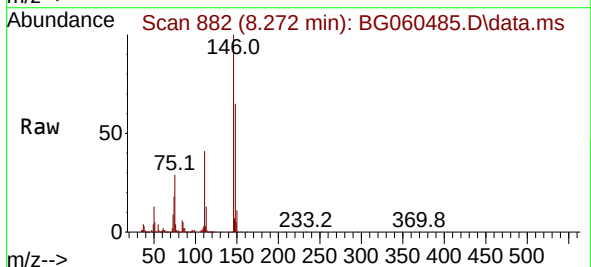
Tgt Ion:146 Resp: 500829
Ion Ratio Lower Upper
146 100
148 63.8 52.7 79.1
111 40.0 31.4 47.0

Manual Integrations
APPROVED

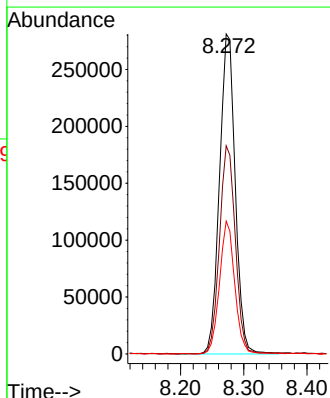
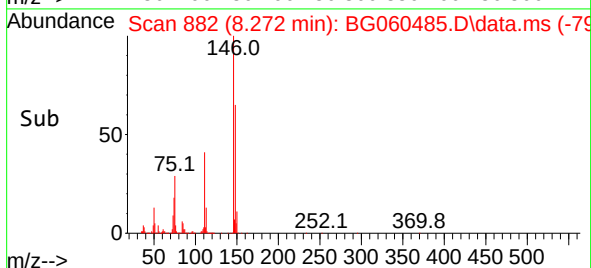
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

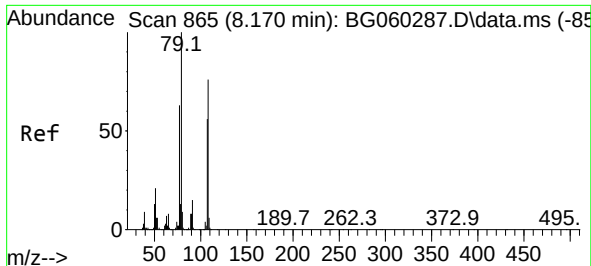


#14
1,2-Dichlorobenzene
Concen: 38.838 ng
RT: 8.272 min Scan# 882
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



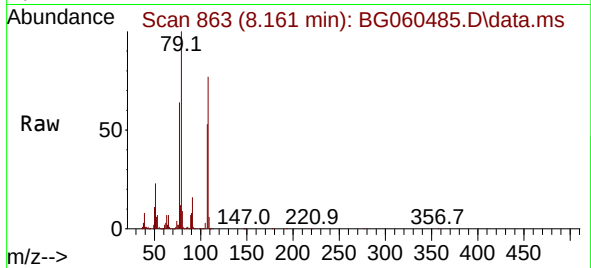
Tgt Ion:146 Resp: 487882
Ion Ratio Lower Upper
146 100
148 65.1 51.8 77.8
111 41.5 32.6 48.8





#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

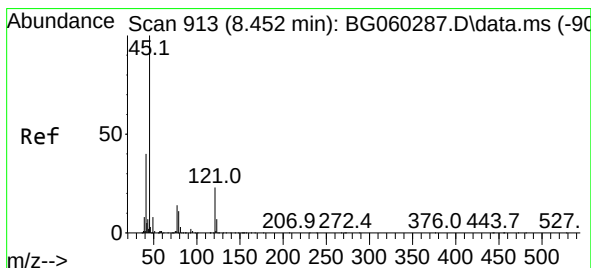
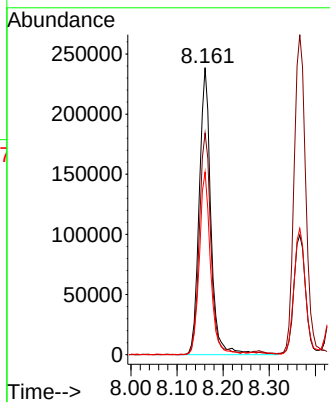
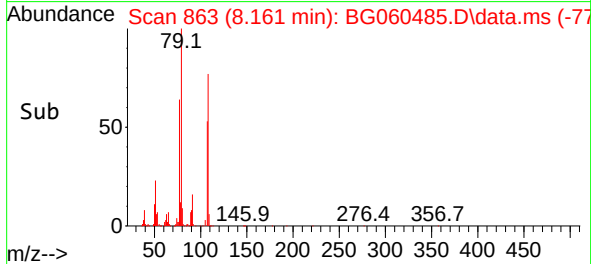
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

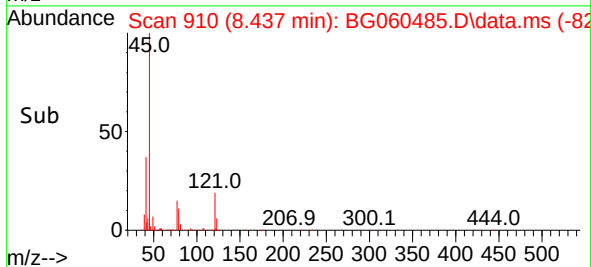
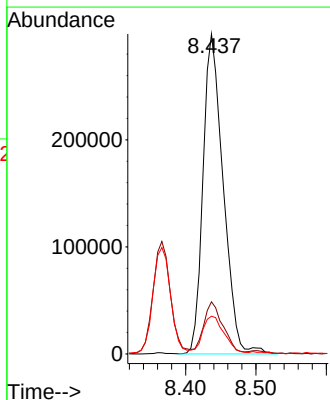
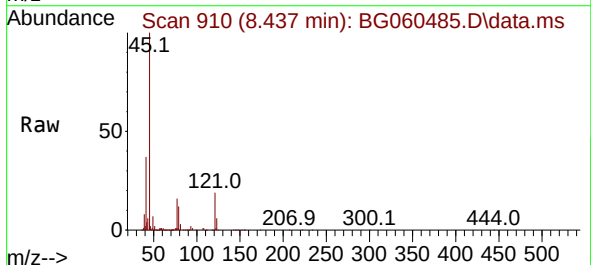
Manual Integrations
APPROVED

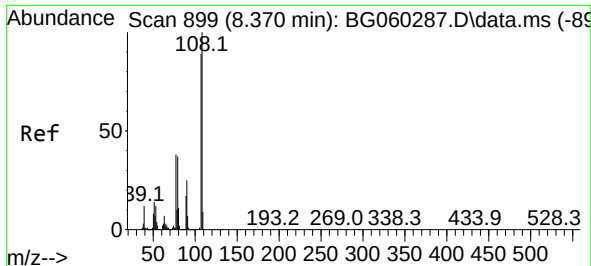
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.892 ng m
RT: 8.437 min Scan# 910
Delta R.T. -0.016 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

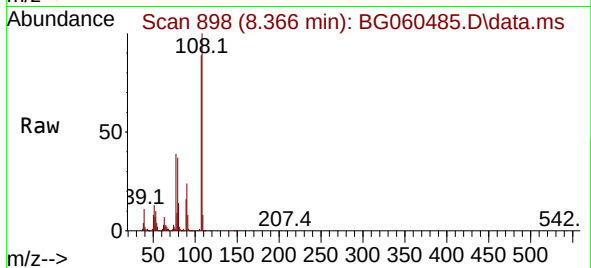
Tgt Ion: 45 Resp: 595406
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.3
79 11.8 0.0 34.0





#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

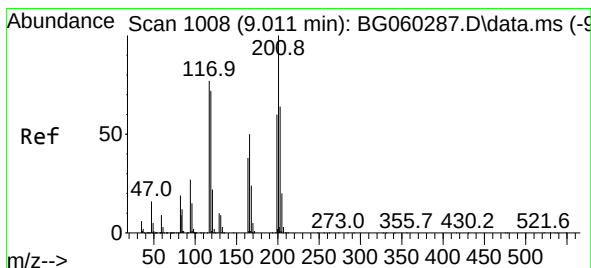
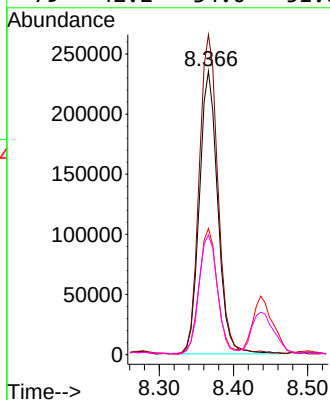
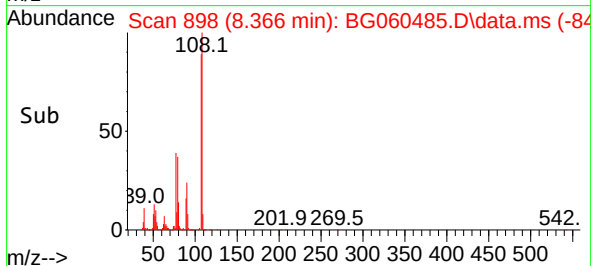
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:	107	Resp:	40469
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

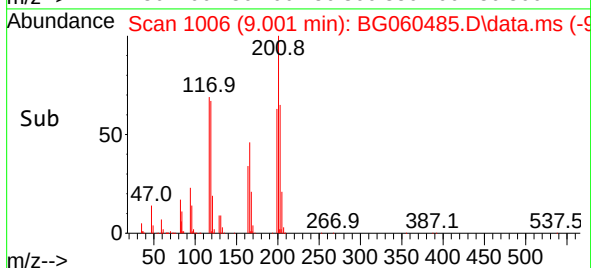
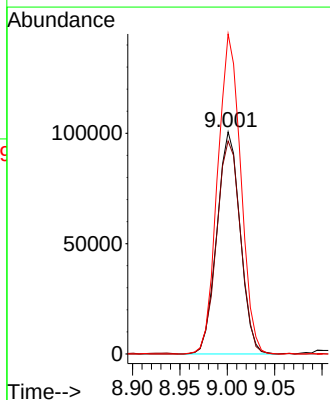
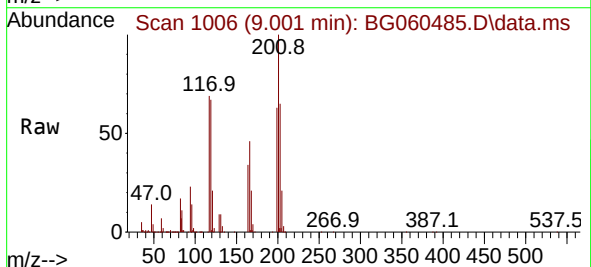
Manual Integrations
APPROVED

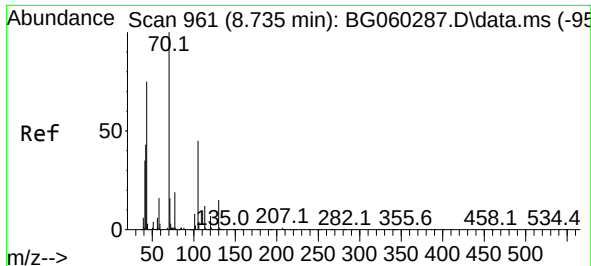
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

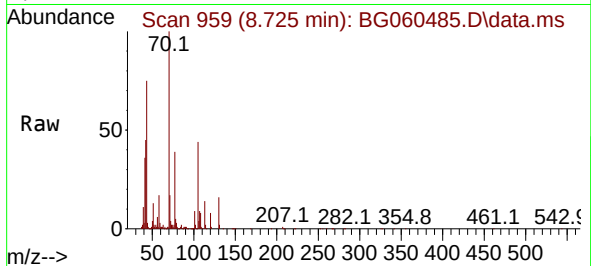
Tgt Ion:	117	Resp:	172090
Ion Ratio	Lower	Upper	
117	100		
119	95.9	74.5	111.7
201	144.0	106.3	159.5





#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

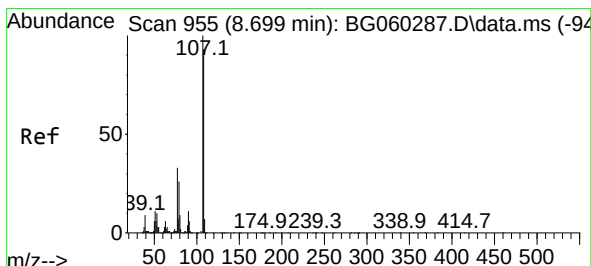
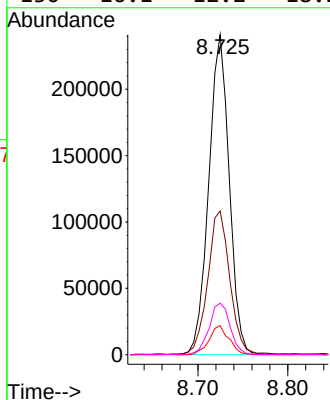
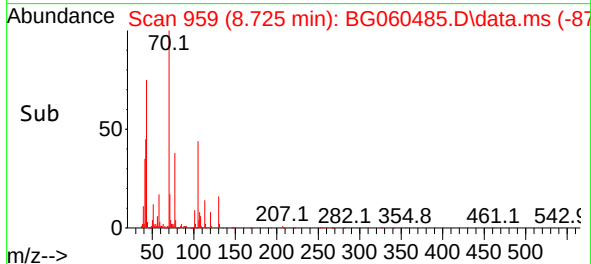
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion: 70 Resp: 38266
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

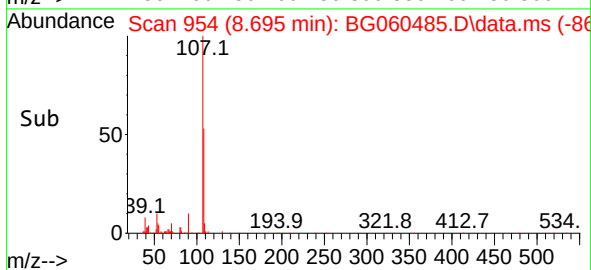
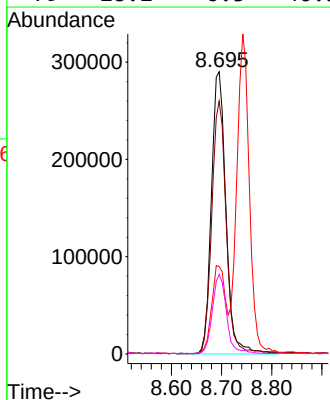
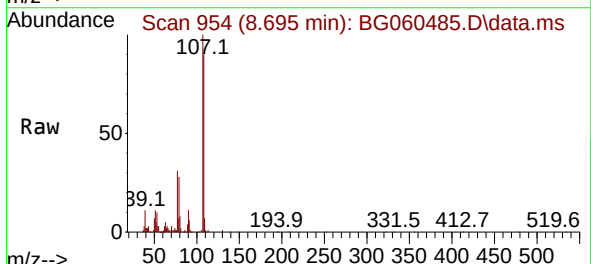
Manual Integrations
APPROVED

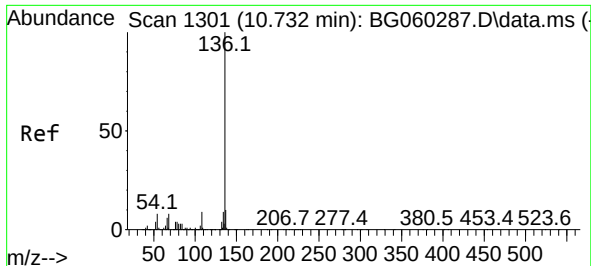
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

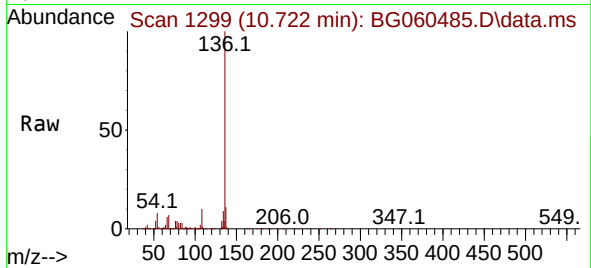
Tgt Ion:107 Resp: 585013
Ion Ratio Lower Upper
107 100
108 89.6 72.5 112.5
77 31.0 13.0 53.0
79 28.2 6.3 46.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

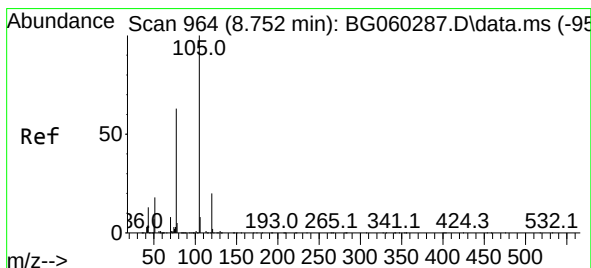
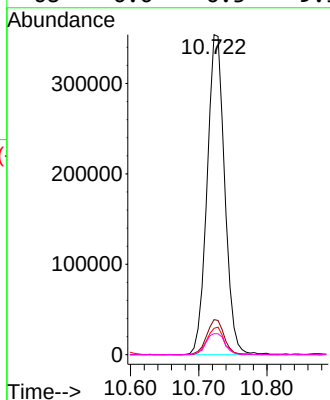
Instrument : BNA_G
ClientSampleId : WC-SOIL-20240126MS



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

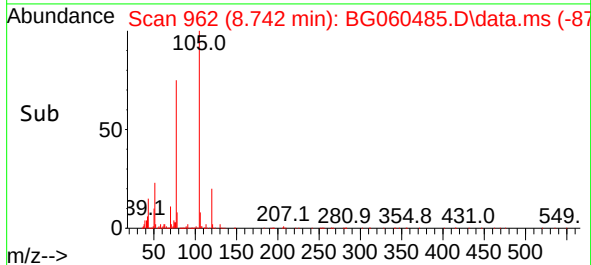
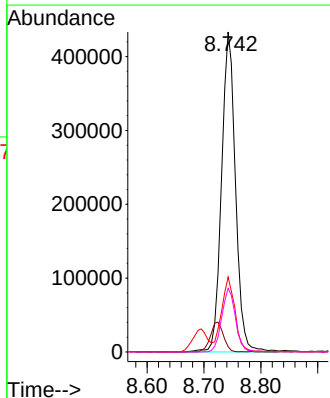
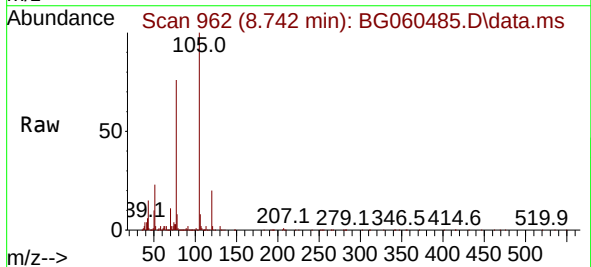
Manual Integrations
APPROVED

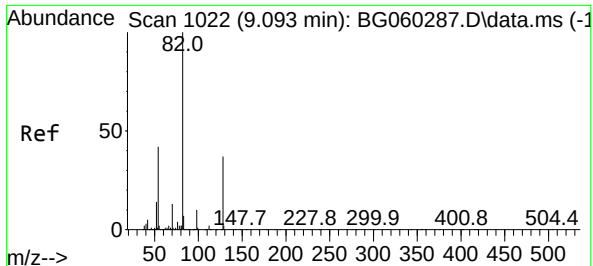
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

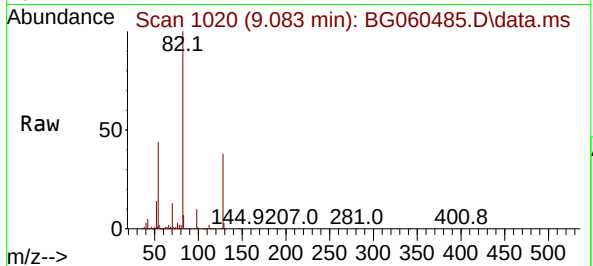
Tgt Ion:	105	Resp:	742996
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.7	2.5
51	23.4	18.2	27.2
120	19.9	15.5	23.3





#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

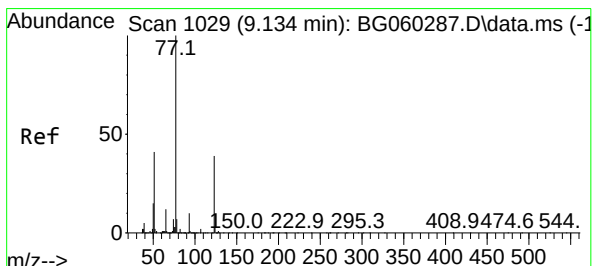
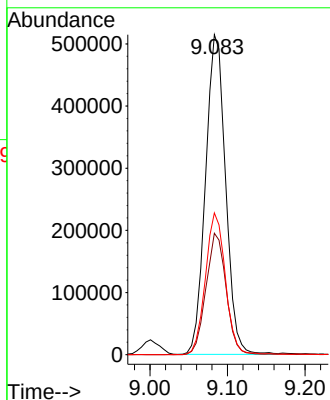
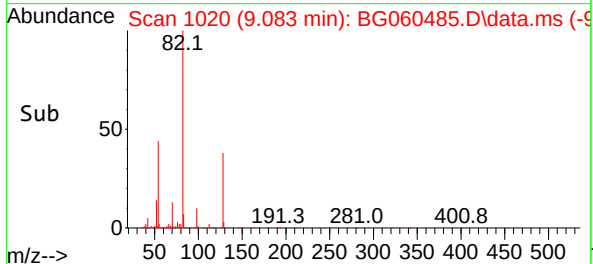
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

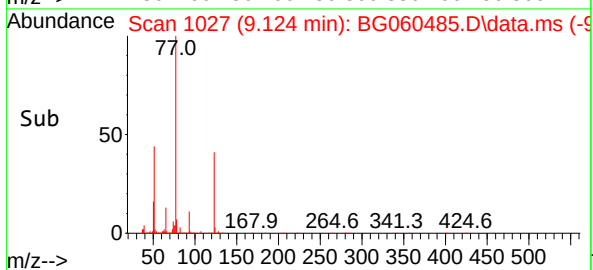
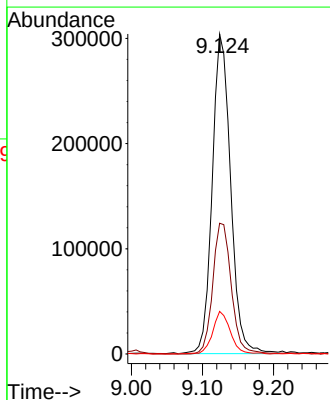
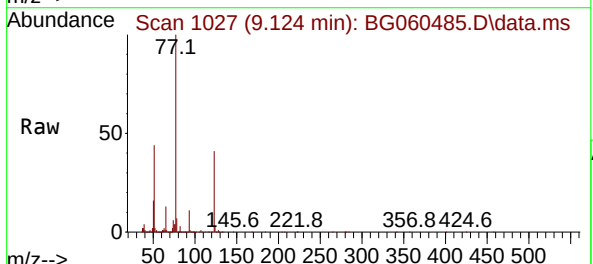
Manual Integrations
APPROVED

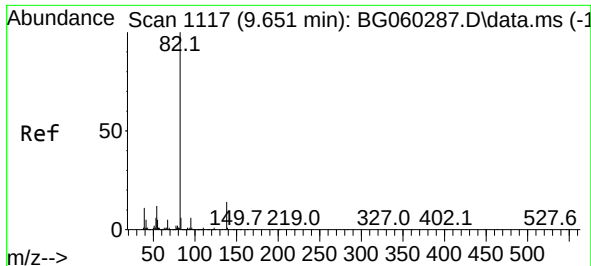
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

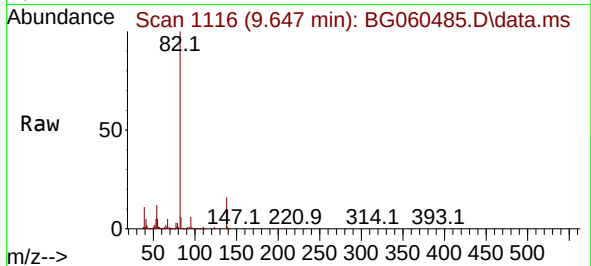
Tgt Ion: 77 Resp: 545299
Ion Ratio Lower Upper
77 100
123 40.9 31.4 47.0
65 13.3 9.6 14.4





#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

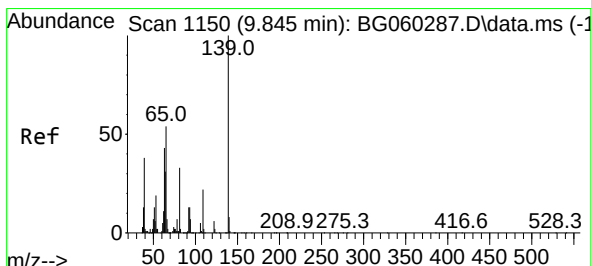
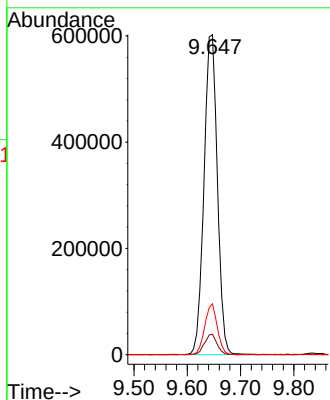
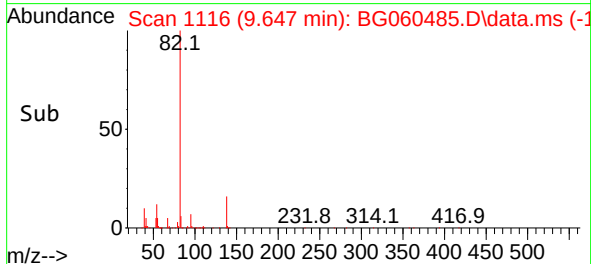
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion: 82 Resp: 1049637
Ion Ratio Lower Upper
82 100
95 6.4 4.7 7.1
138 15.9 11.1 16.7

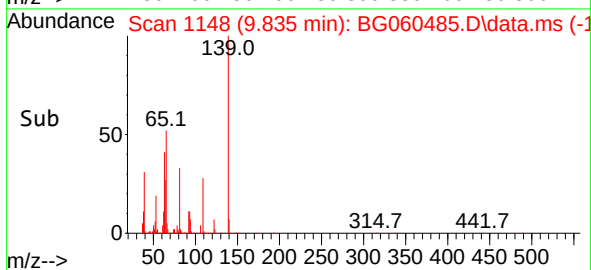
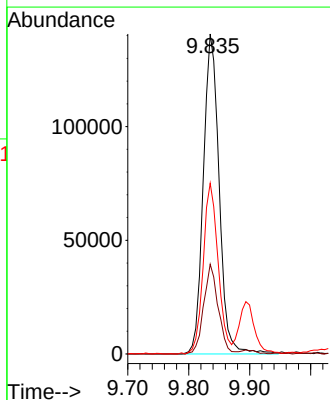
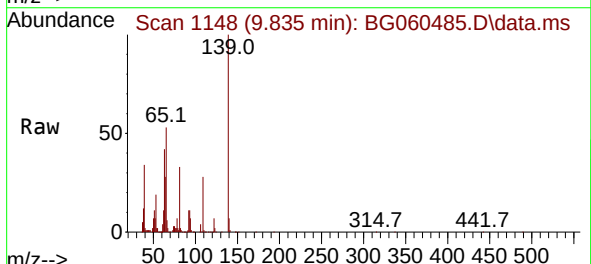
Manual Integrations
APPROVED

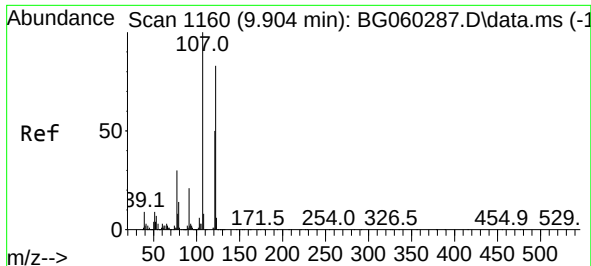
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

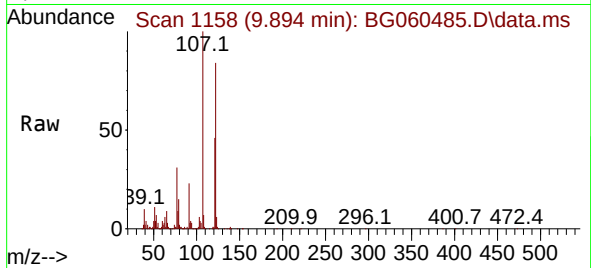
Tgt Ion:139 Resp: 254637
Ion Ratio Lower Upper
139 100
109 28.0 17.6 26.4#
65 53.4 43.6 65.4





#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

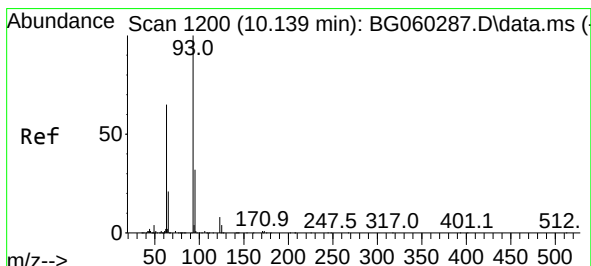
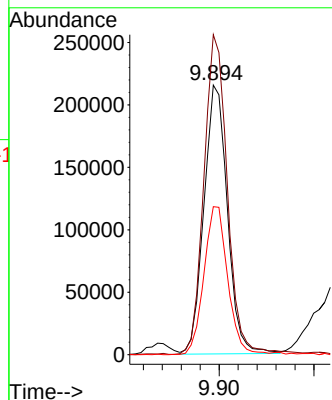
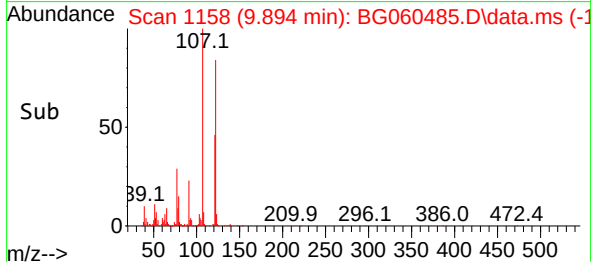
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:122 Resp: 37119
Ion Ratio Lower Upper
122 100
107 118.7 95.4 143.0
121 54.9 47.7 71.5

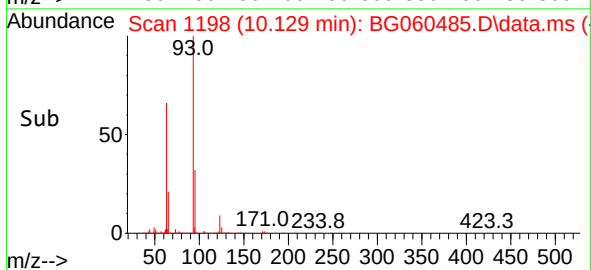
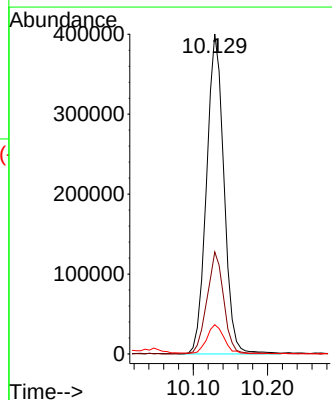
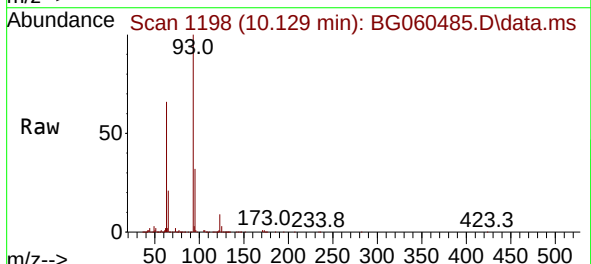
Manual Integrations
APPROVED

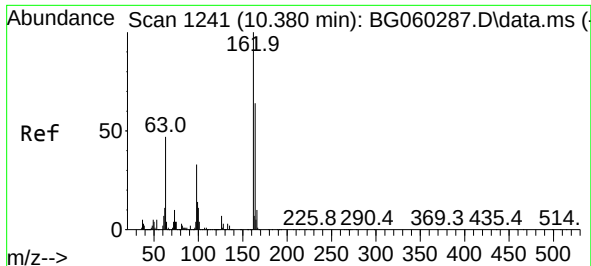
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

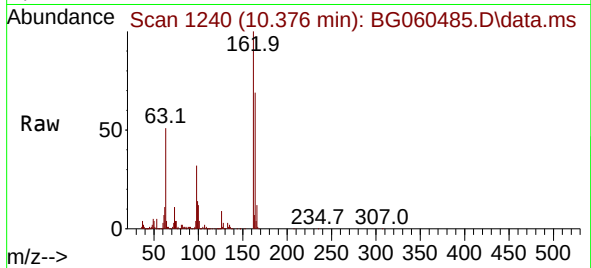
Tgt Ion: 93 Resp: 651918
Ion Ratio Lower Upper
93 100
95 31.9 25.4 38.0
123 9.2 6.7 10.1





#29
2,4-Dichlorophenol
Concen: 47.525 ng
RT: 10.376 min Scan# 1240
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

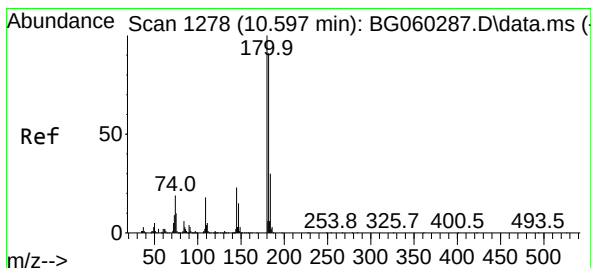
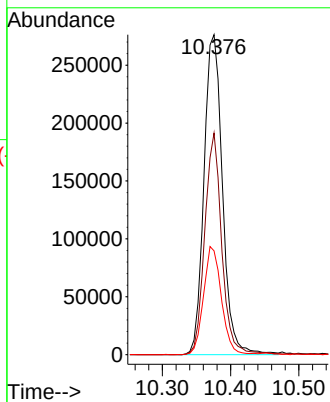
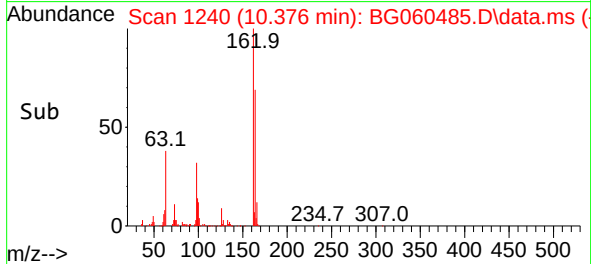
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:162 Resp: 52225
Ion Ratio Lower Upper
162 100
164 69.2 44.3 84.3
98 32.4 13.4 53.4

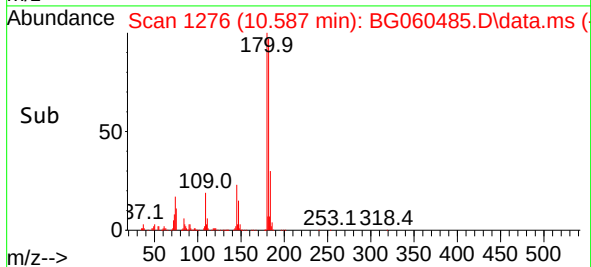
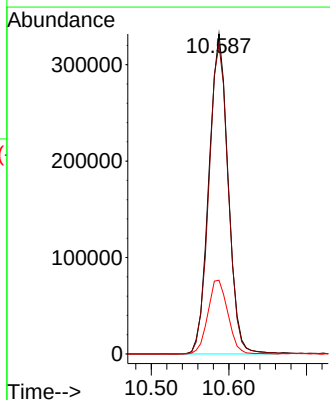
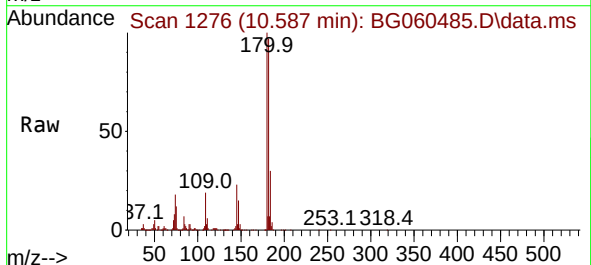
Manual Integrations
APPROVED

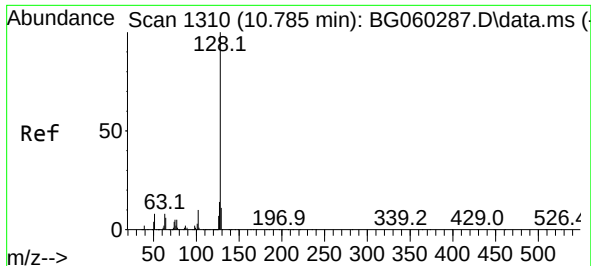
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

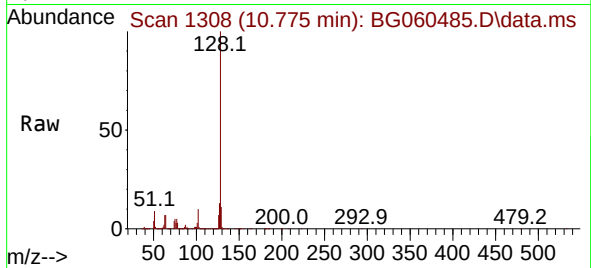
Tgt Ion:180 Resp: 573641
Ion Ratio Lower Upper
180 100
182 96.7 72.7 109.1
145 23.0 18.2 27.2





#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

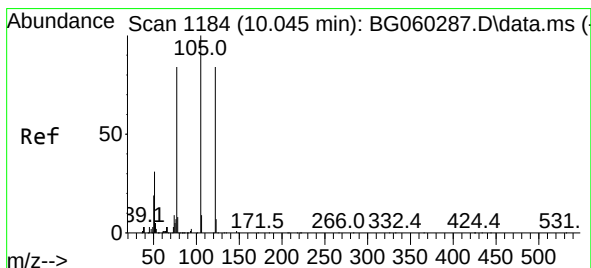
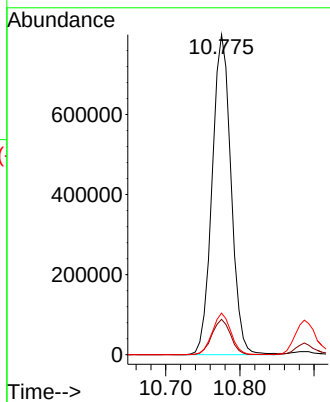
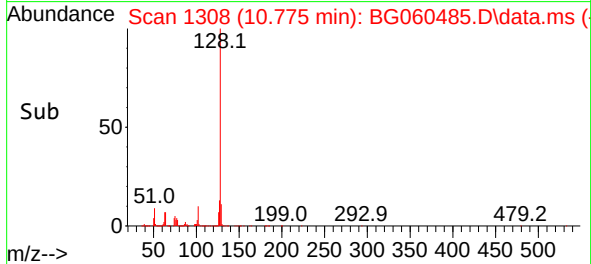
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:128 Resp: 1414050
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.9 16.3

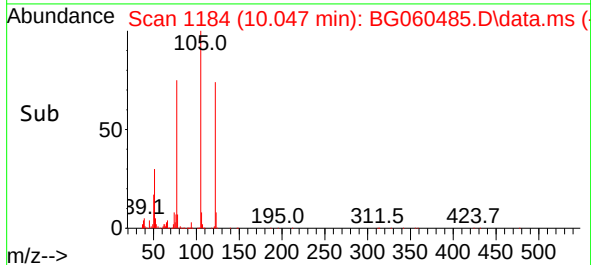
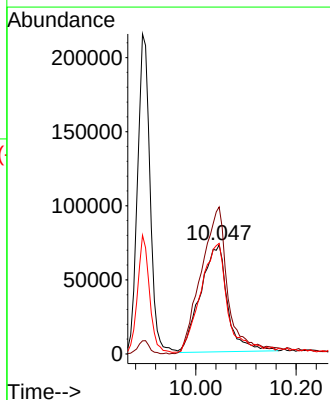
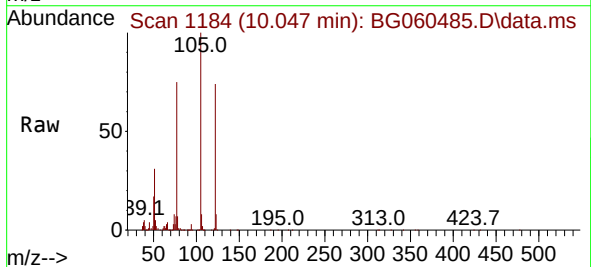
Manual Integrations
APPROVED

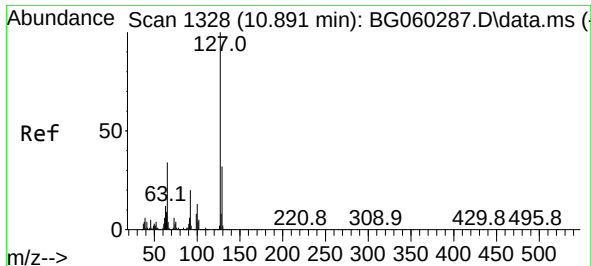
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

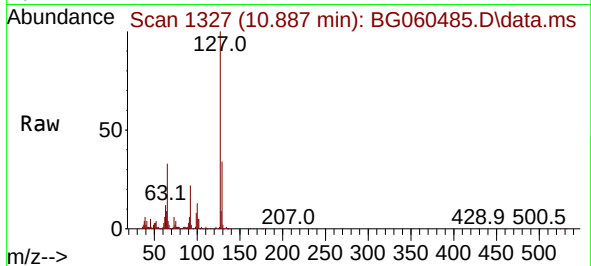
Tgt Ion:122 Resp: 270475
Ion Ratio Lower Upper
122 100
105 134.9 96.0 136.0
77 101.5 80.1 120.1





#33
4-Chloroaniline
Concen: 14.023 ng
RT: 10.887 min Scan# 1327
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

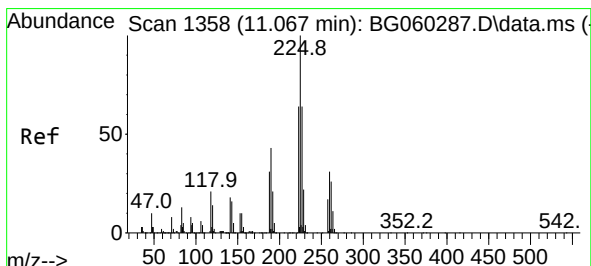
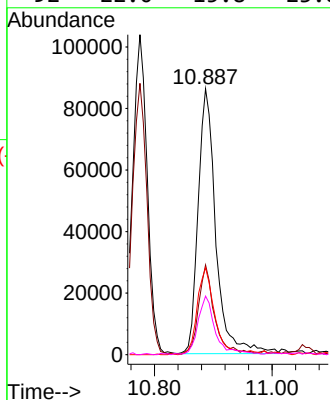
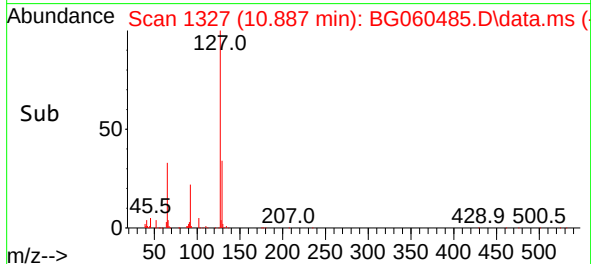
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

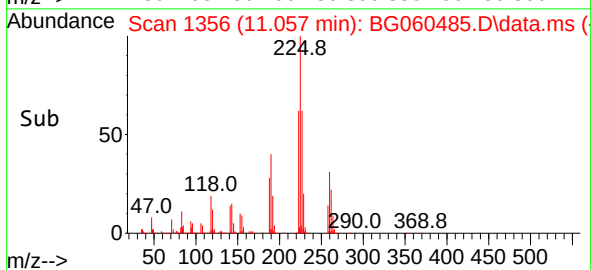
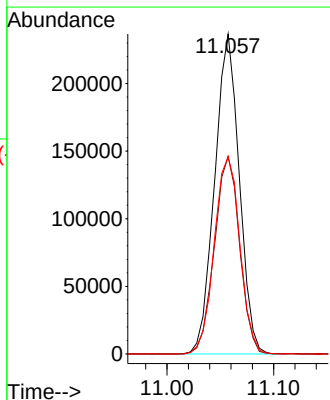
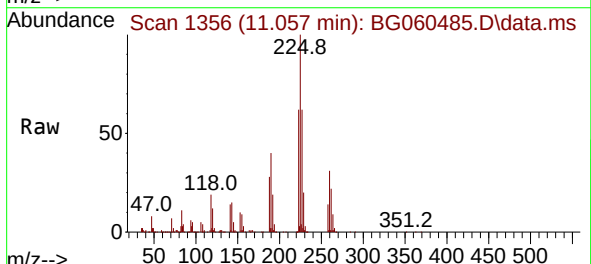
Manual Integrations
APPROVED

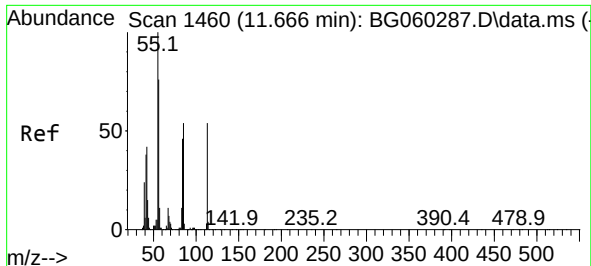
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

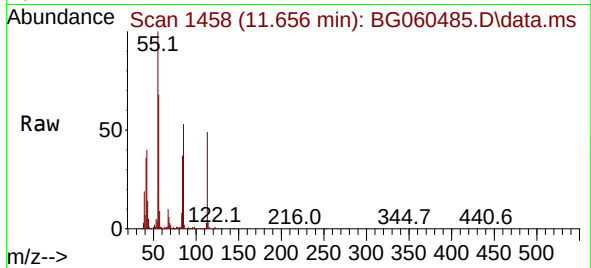
Tgt Ion:225 Resp: 378318
Ion Ratio Lower Upper
225 100
223 61.7 48.7 73.1
227 61.6 48.7 73.1





#35
Caprolactam
Concen: 44.470 ng m
RT: 11.656 min Scan# 1460
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

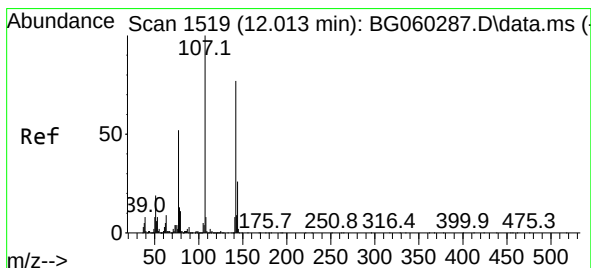
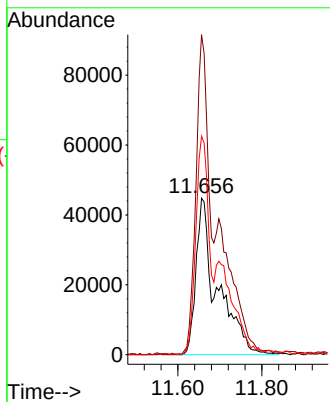
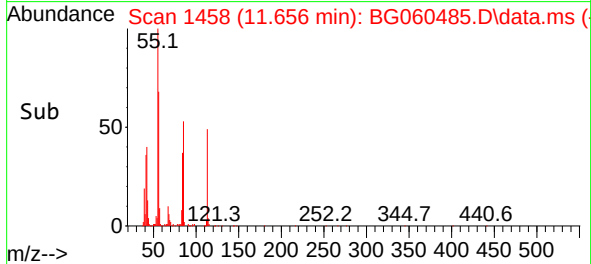
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:113 Resp: 157398
Ion Ratio Lower Upper
113 100
55 204.6 166.4 206.4
56 139.7 121.0 161.0

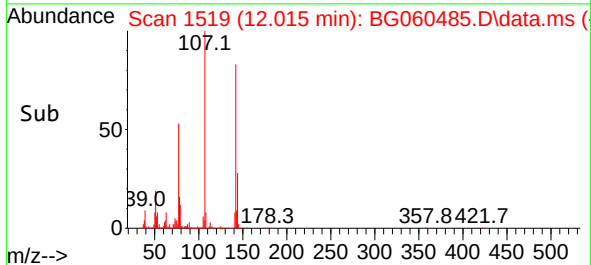
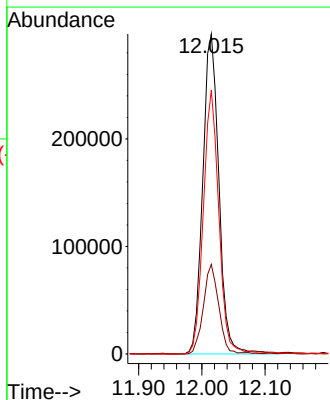
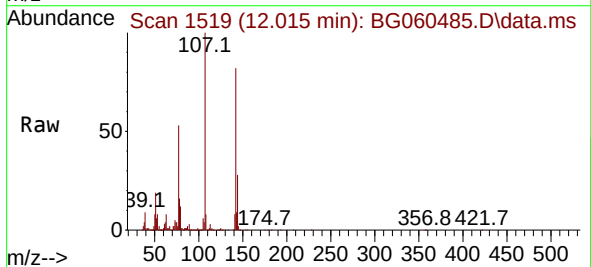
Manual Integrations
APPROVED

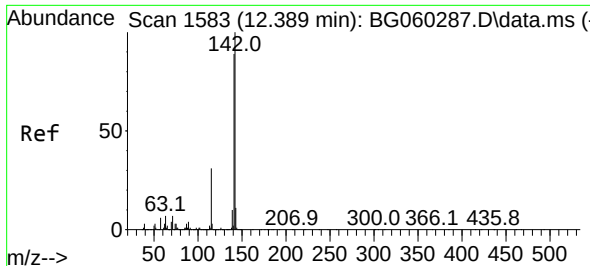
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

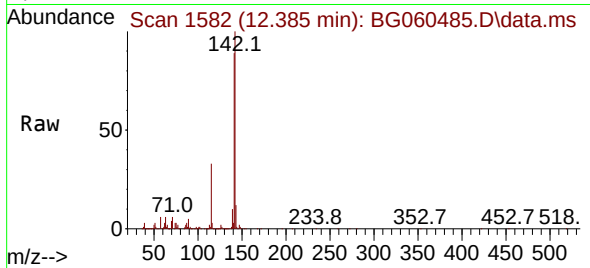
Tgt Ion:107 Resp: 527574
Ion Ratio Lower Upper
107 100
144 28.0 20.6 31.0
142 82.5 61.5 92.3





#37
2-Methylnaphthalene
Concen: 43.548 ng
RT: 12.385 min Scan# 1619
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

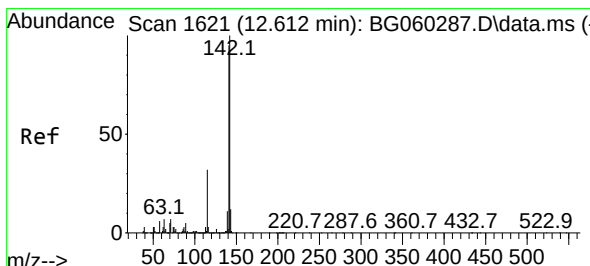
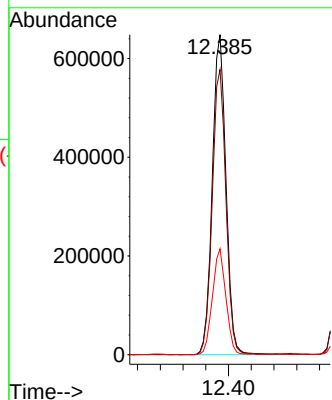
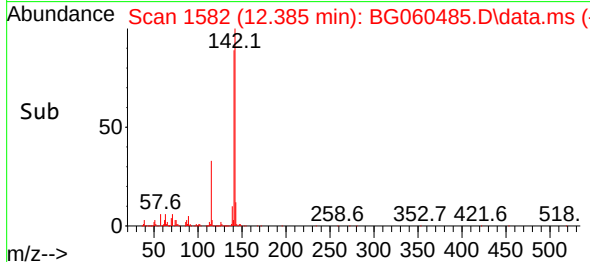
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



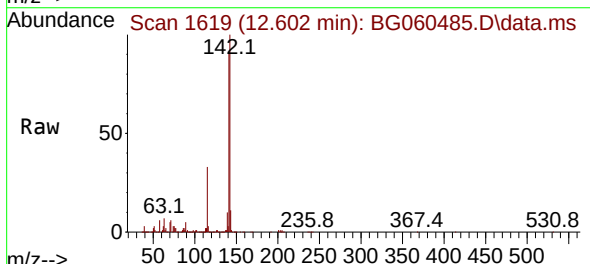
Tgt Ion:142 Resp: 1076409
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4
115 33.1 24.7 37.1

Manual Integrations
APPROVED

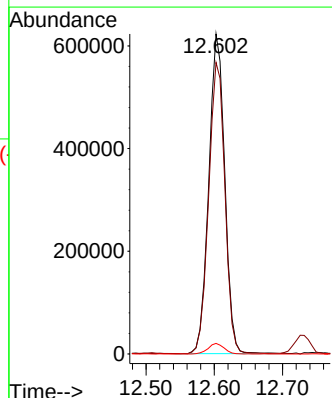
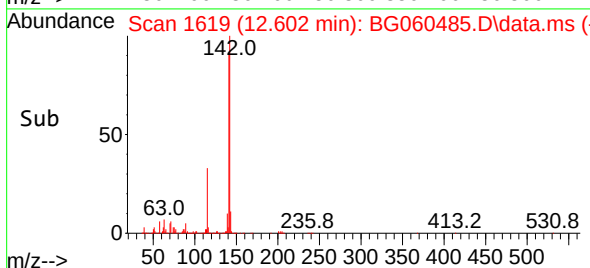
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

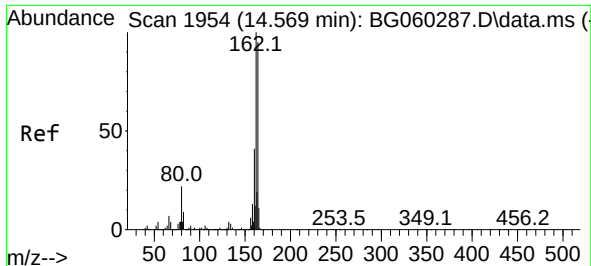


#38
1-Methylnaphthalene
Concen: 40.841 ng
RT: 12.602 min Scan# 1619
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



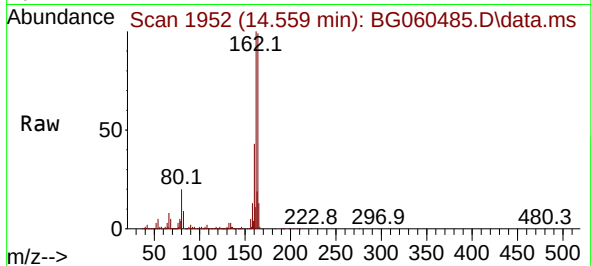
Tgt Ion:142 Resp: 1013699
Ion Ratio Lower Upper
142 100
141 91.1 76.2 114.2
116 3.3 2.6 3.8





#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

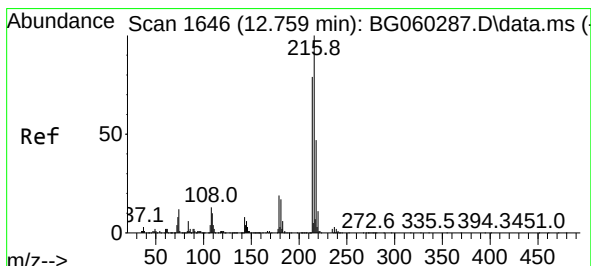
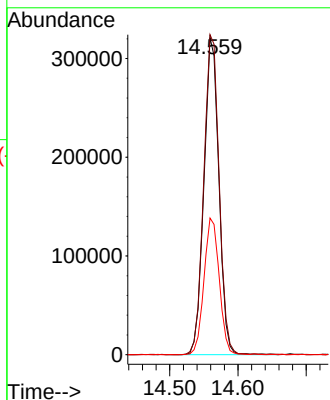
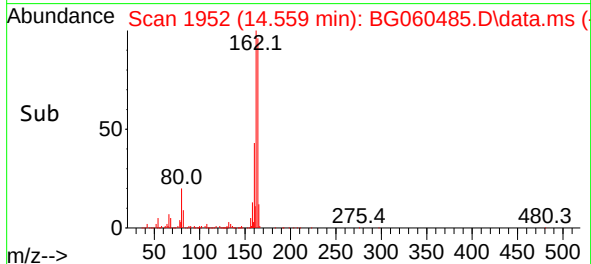
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



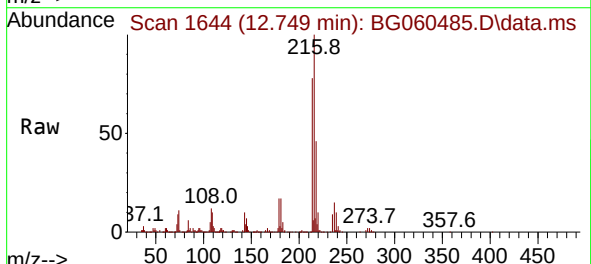
Tgt Ion:164 Resp: 488309
Ion Ratio Lower Upper
164 100
162 100.9 84.4 126.6
160 43.1 34.6 52.0

Manual Integrations
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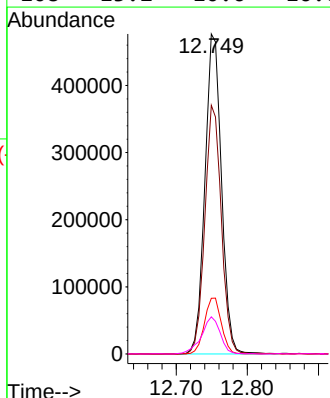
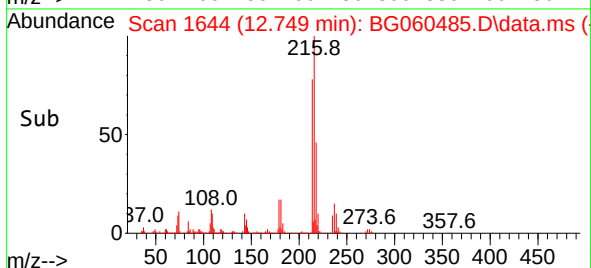
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

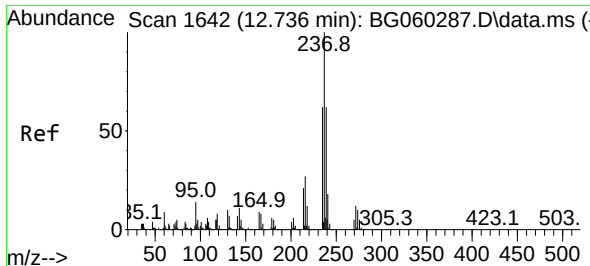


#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.550 ng
RT: 12.749 min Scan# 1644
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



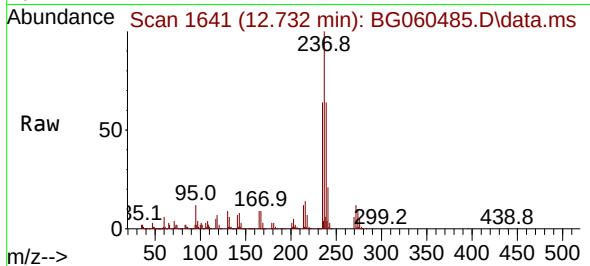
Tgt Ion:216 Resp: 772606
Ion Ratio Lower Upper
216 100
214 77.1 62.6 93.8
179 17.9 14.8 22.2
108 13.2 10.6 16.0





#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

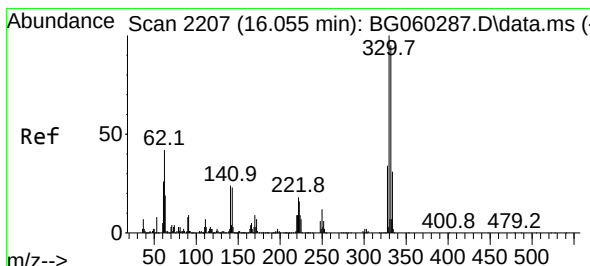
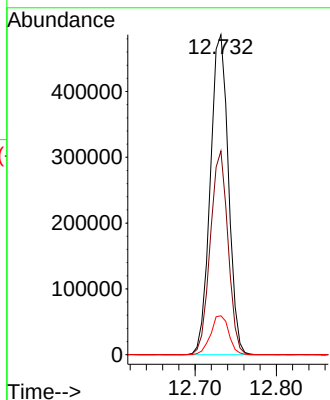
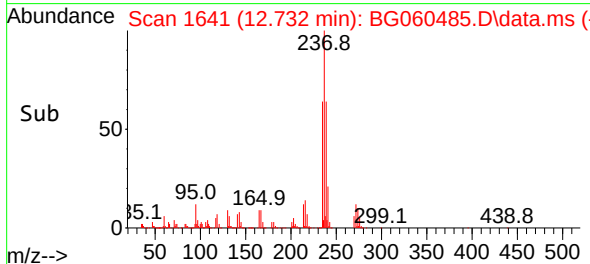
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



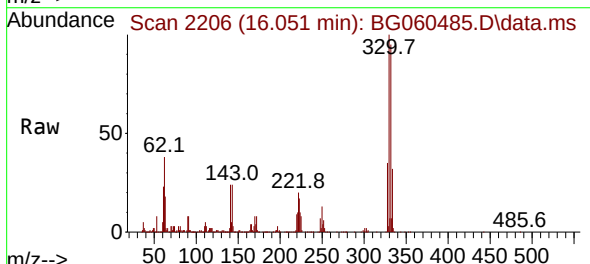
Tgt Ion:237 Resp: 750969
Ion Ratio Lower Upper
237 100
235 63.6 41.6 81.6
272 12.1 0.0 31.8

Manual Integrations
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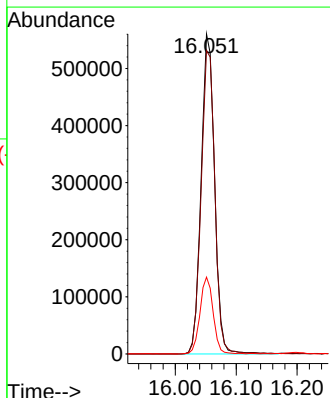
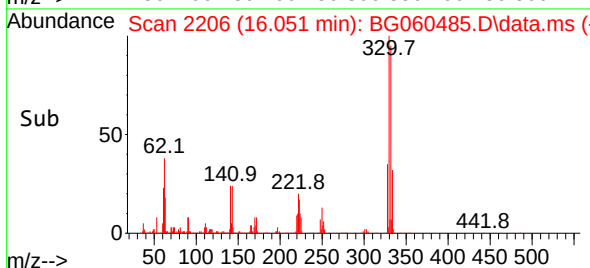
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

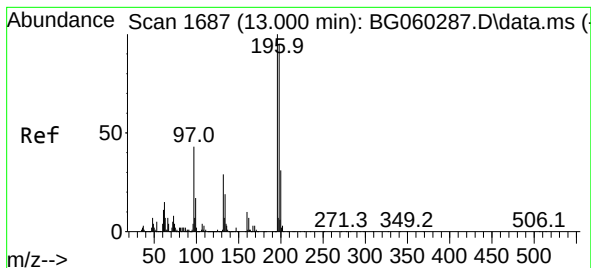


#42
2,4,6-Tribromophenol
Concen: 119.667 ng
RT: 16.051 min Scan# 2206
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



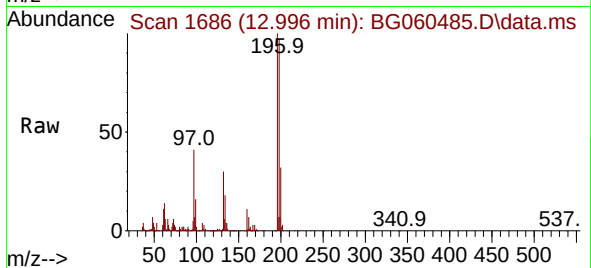
Tgt Ion:330 Resp: 859733
Ion Ratio Lower Upper
330 100
332 97.0 76.7 115.1
141 23.5 18.6 28.0





#43
2,4,6-Trichlorophenol
Concen: 45.823 ng
RT: 12.996 min Scan# 1686
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

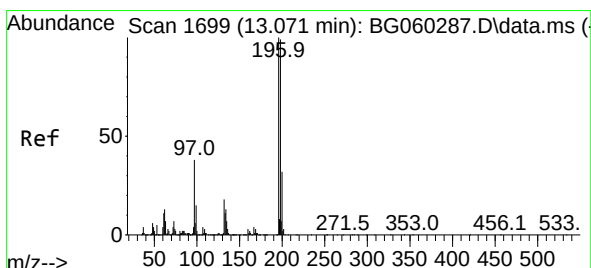
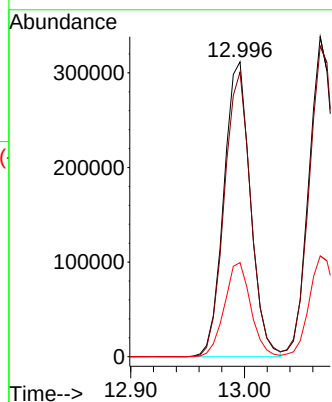
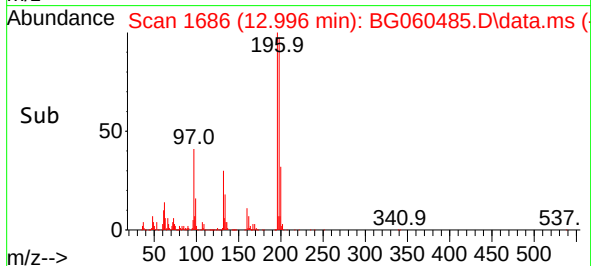
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



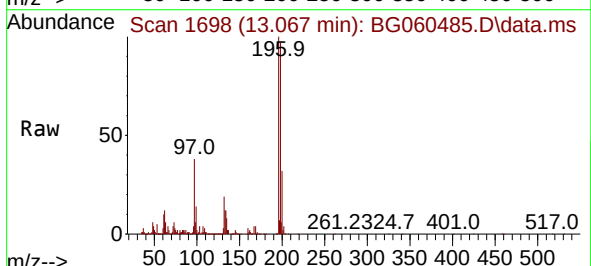
Tgt Ion:196 Resp: 50572
Ion Ratio Lower Upper
196 100
198 96.6 75.7 113.5
200 31.9 24.7 37.1

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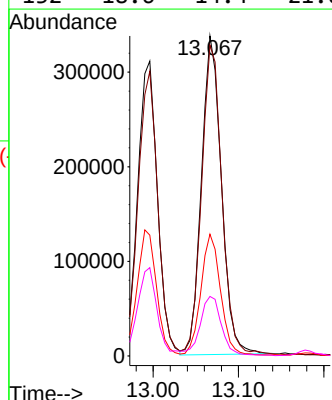
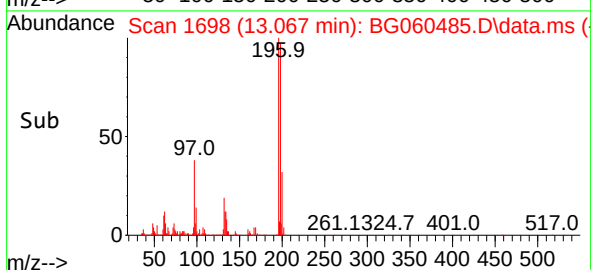
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

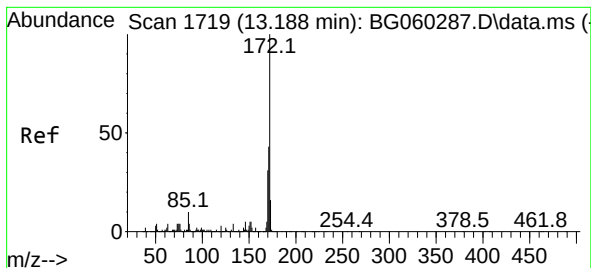


#44
2,4,5-Trichlorophenol
Concen: 45.016 ng
RT: 13.067 min Scan# 1698
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



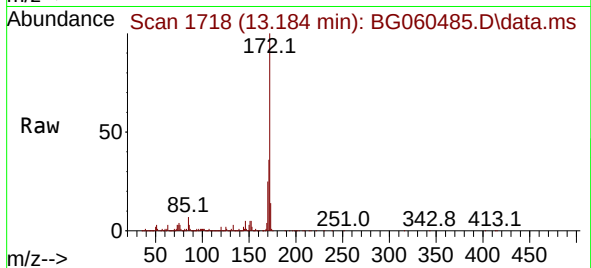
Tgt Ion:196 Resp: 547981
Ion Ratio Lower Upper
196 100
198 97.1 78.6 118.0
97 38.0 30.6 46.0
132 18.6 14.4 21.6





#45
2-Fluorobiphenyl
Concen: 69.038 ng
RT: 13.184 min Scan# 1719
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

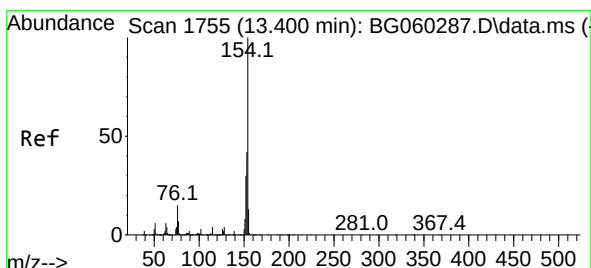
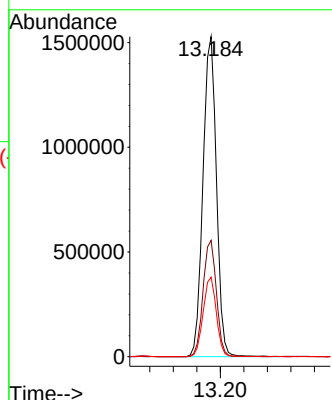
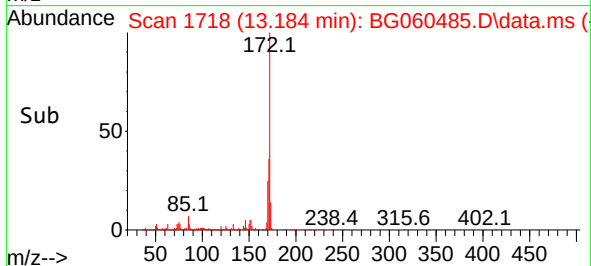
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



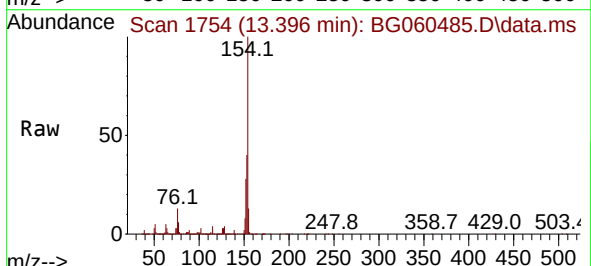
Tgt Ion:172 Resp: 2424739
Ion Ratio Lower Upper
172 100
171 36.4 34.6 51.8
170 24.8 24.4 36.6

Manual Integrations
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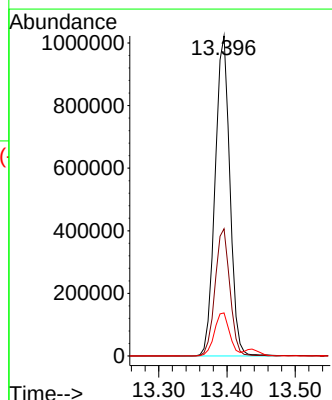
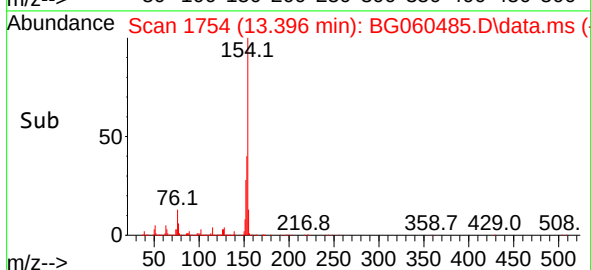
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

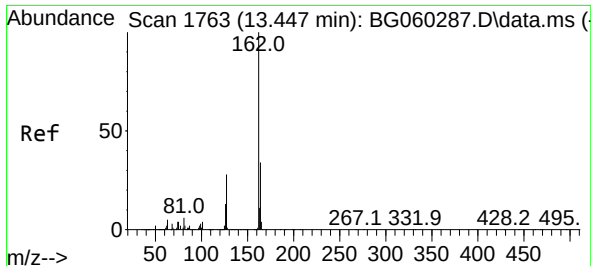


#46
1,1'-Biphenyl
Concen: 41.873 ng
RT: 13.396 min Scan# 1754
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



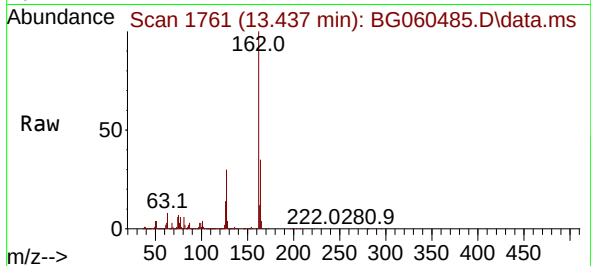
Tgt Ion:154 Resp: 1543403
Ion Ratio Lower Upper
154 100
153 39.8 22.0 62.0
76 13.5 0.0 35.2





#47
2-Chloronaphthalene
Concen: 40.488 ng
RT: 13.437 min Scan# 1761
Delta R.T. -0.010 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

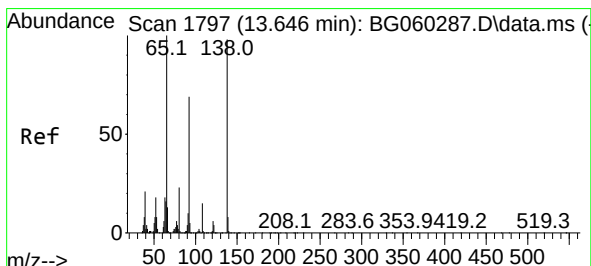
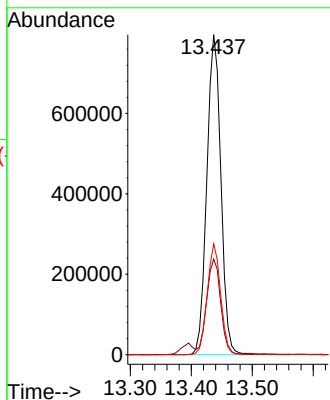
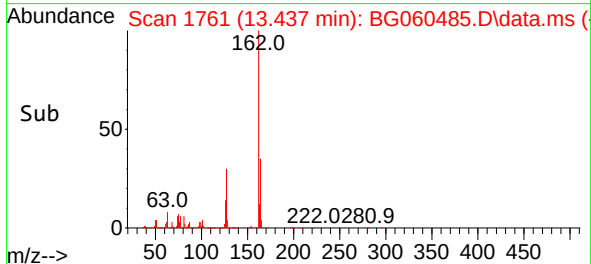
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:162 Resp: 127847
Ion Ratio Lower Upper
162 100
127 29.9 23.5 35.3
164 34.6 26.9 40.3

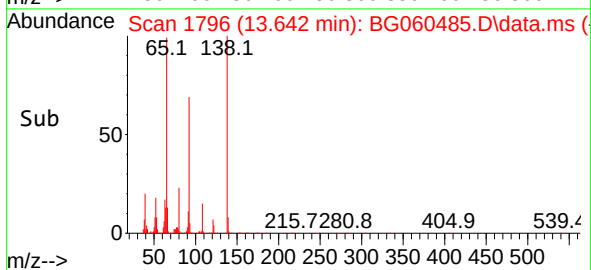
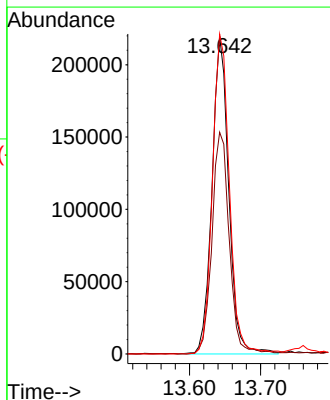
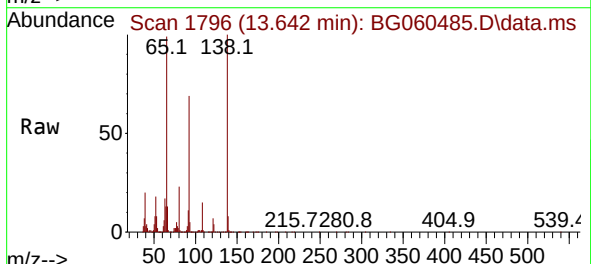
Manual Integrations
APPROVED

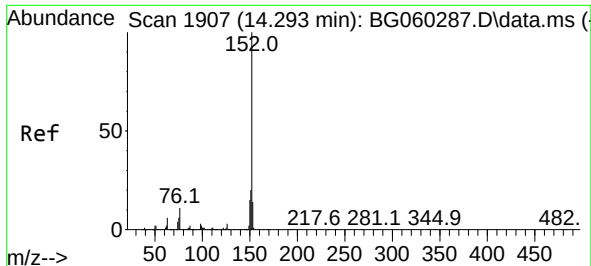
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

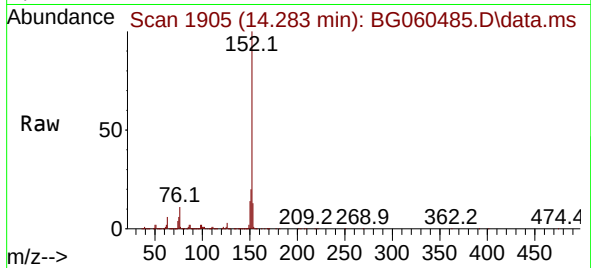
Tgt Ion: 65 Resp: 358613
Ion Ratio Lower Upper
65 100
92 69.8 55.0 82.6
138 100.7 78.1 117.1





#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

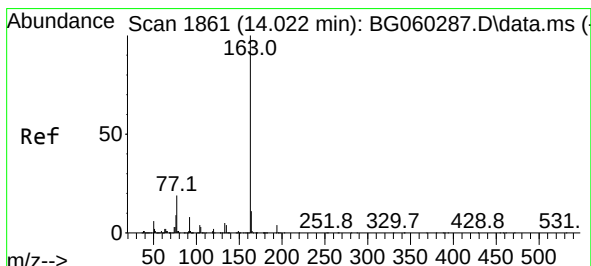
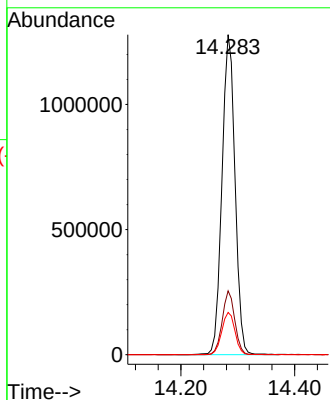
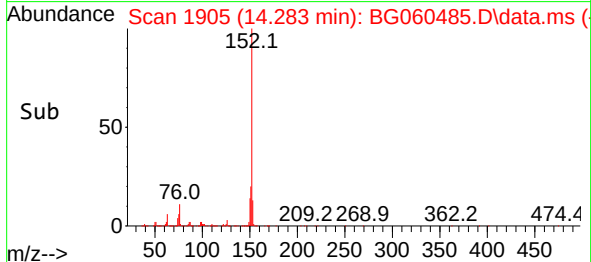
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



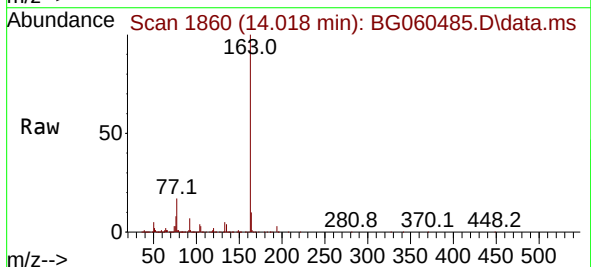
Tgt Ion:152 Resp: 204145
Ion Ratio Lower Upper
152 100
151 20.0 16.1 24.1
153 13.2 11.5 17.3

Manual Integrations
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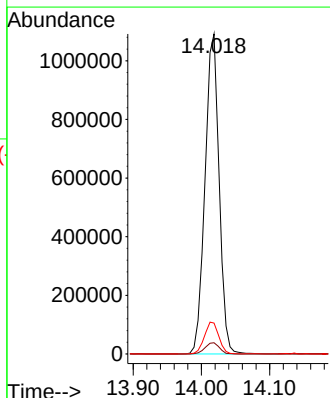
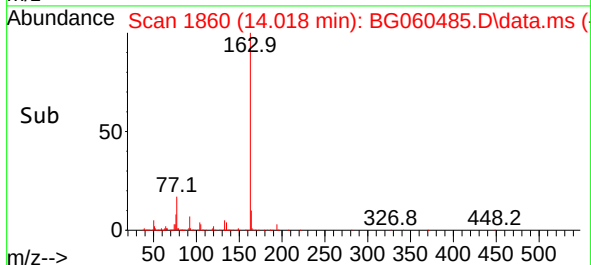
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

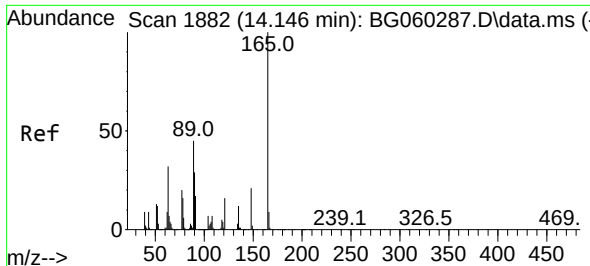


#50
Dimethylphthalate
Concen: 42.164 ng
RT: 14.018 min Scan# 1860
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



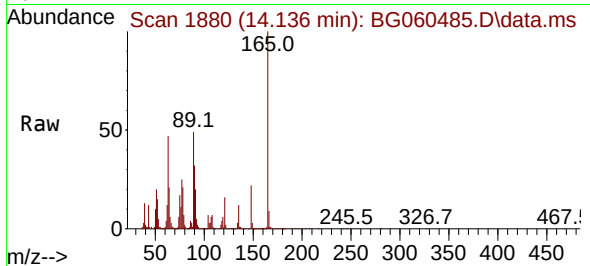
Tgt Ion:163 Resp: 1573355
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 9.6 8.8 13.2





#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

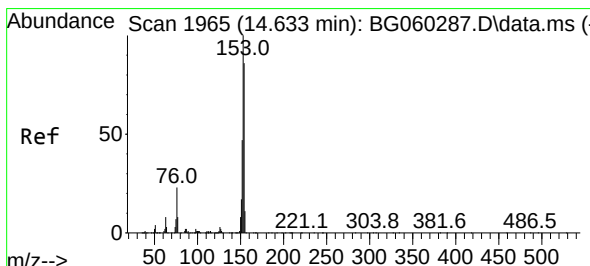
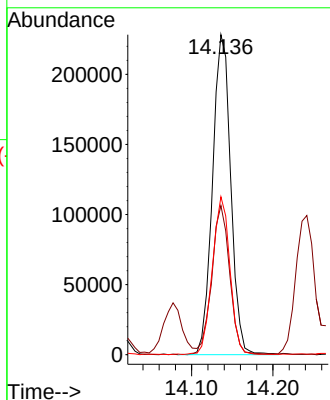
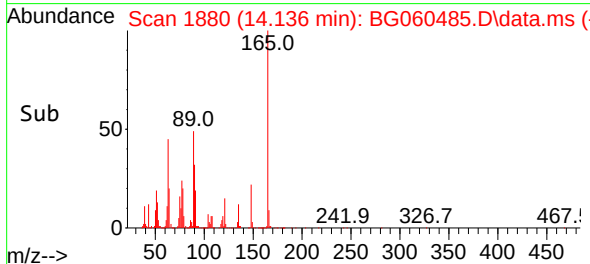
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:165 Resp: 356089
Ion Ratio Lower Upper
165 100
63 46.6 35.0 52.4
89 49.3 36.2 54.2

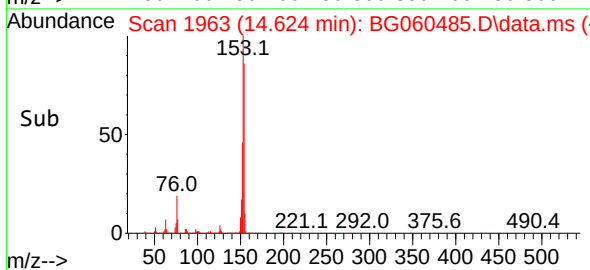
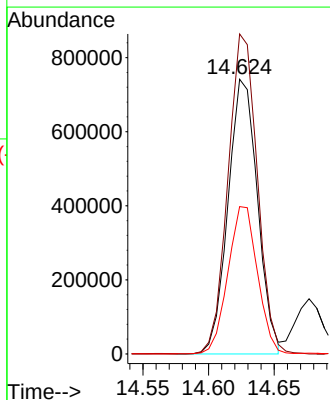
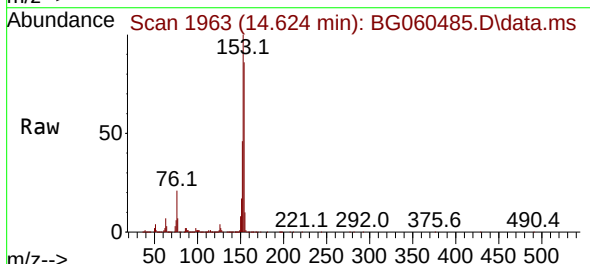
Manual Integrations
APPROVED

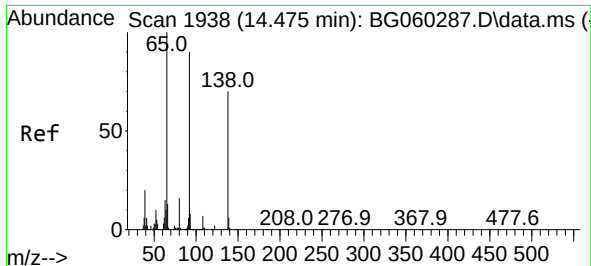
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

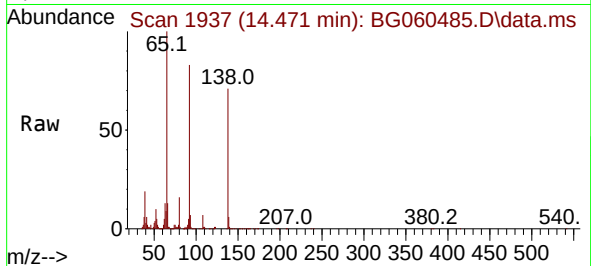
Tgt Ion:154 Resp: 1161454
Ion Ratio Lower Upper
154 100
153 116.5 92.6 138.8
152 53.7 43.8 65.8





#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

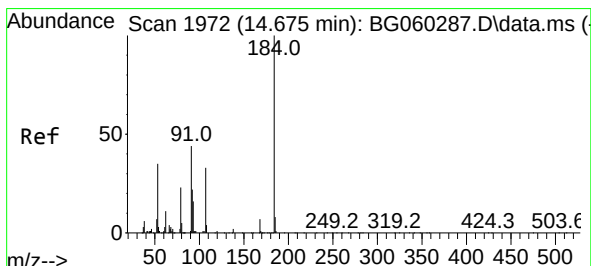
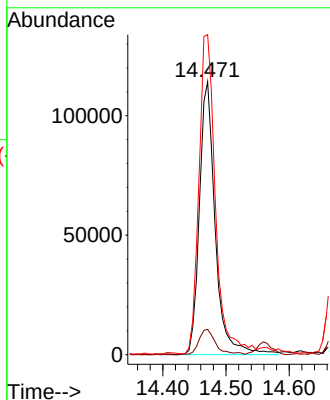
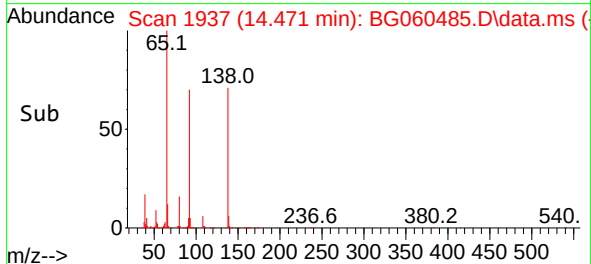
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:138 Resp: 19881
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.8
92 117.3 102.4 153.6

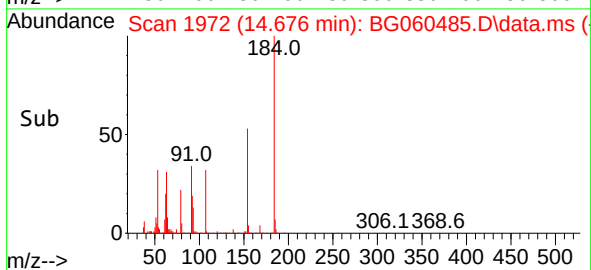
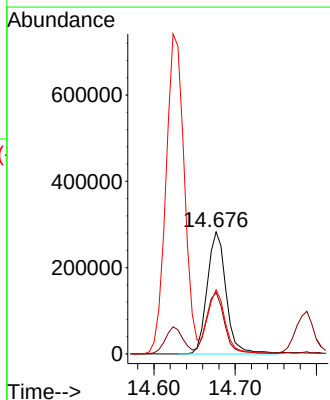
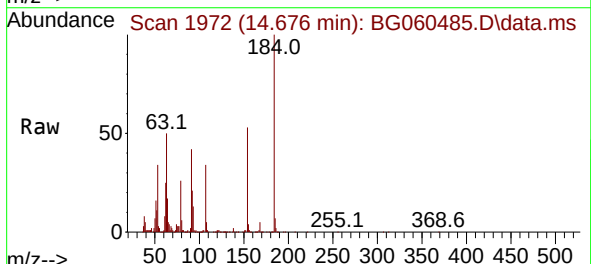
Manual Integrations
APPROVED

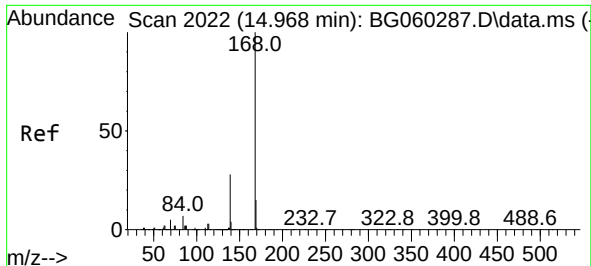
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

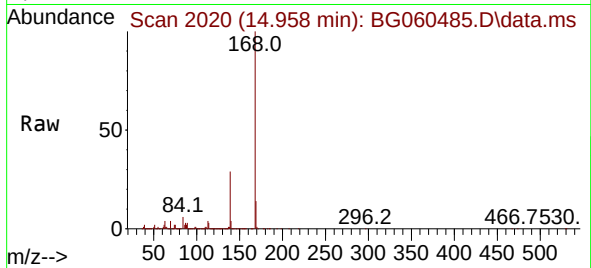
Tgt Ion:184 Resp: 456802
Ion Ratio Lower Upper
184 100
63 50.3 41.0 61.4
154 52.6 39.2 58.8





#55
Dibenzenofuran
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

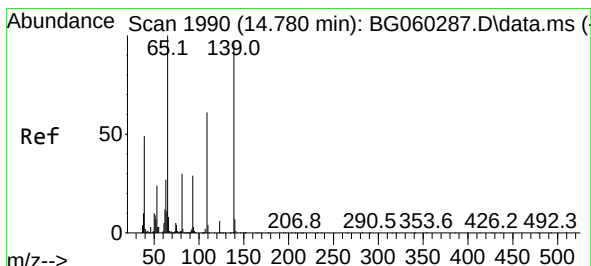
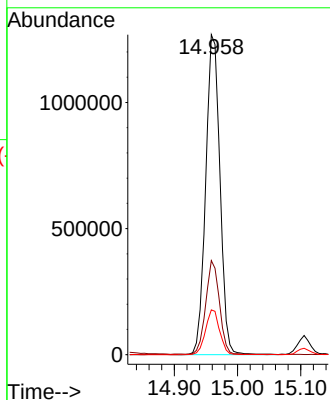
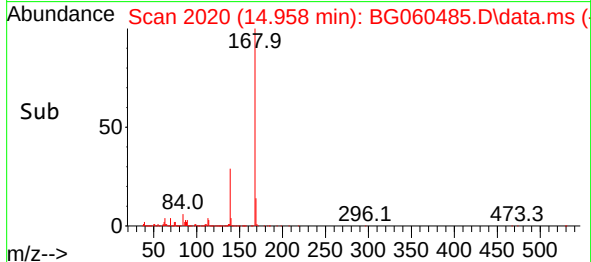
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:168 Resp: 198895
Ion Ratio Lower Upper
168 100
139 29.4 22.6 34.0
169 14.0 12.1 18.1

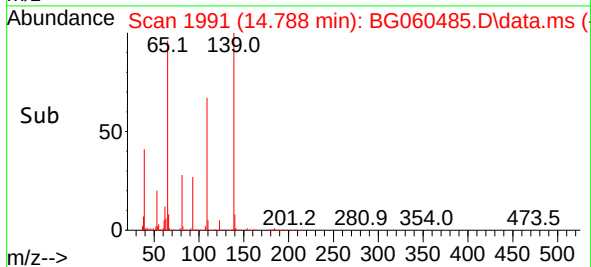
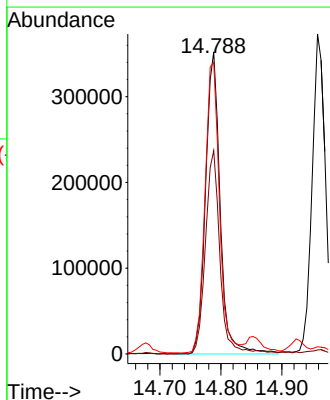
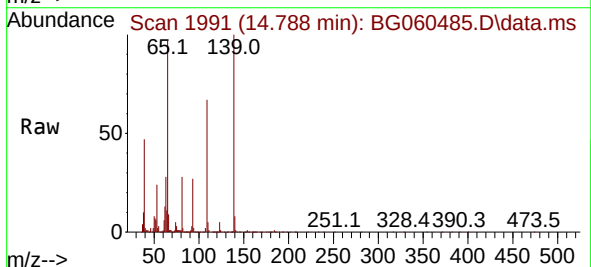
Manual Integrations
APPROVED

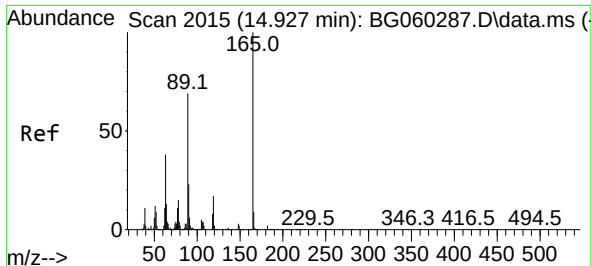
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

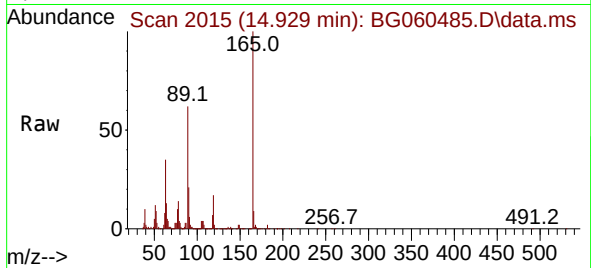
Tgt Ion:139 Resp: 586356
Ion Ratio Lower Upper
139 100
109 67.3 42.2 82.2
65 96.5 83.3 123.3





#57
2,4-Dinitrotoluene
Concen: 46.485 ng
RT: 14.929 min Scan# 2015
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

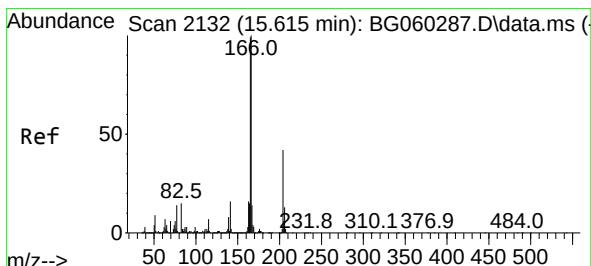
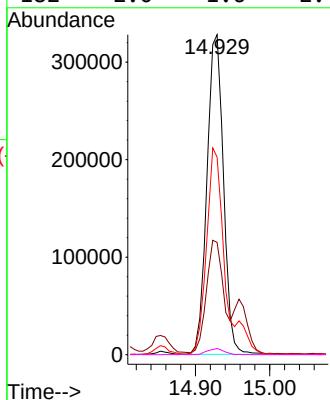
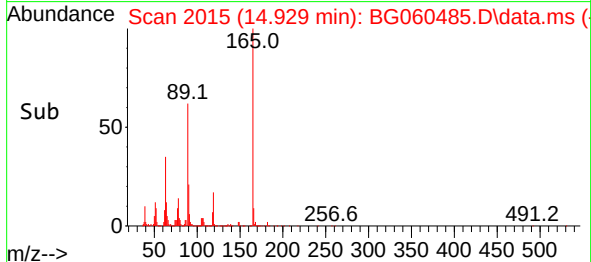
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

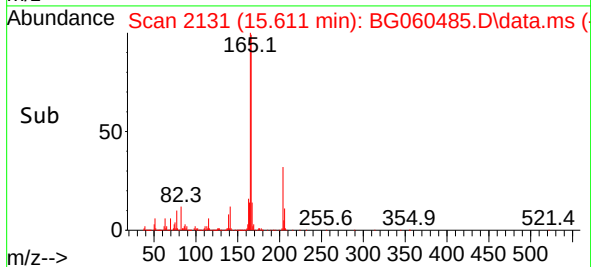
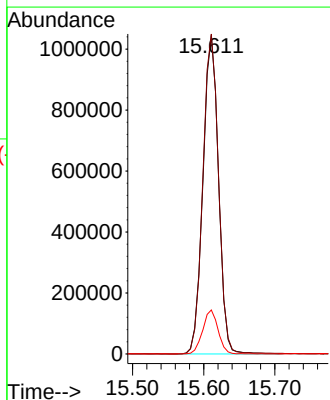
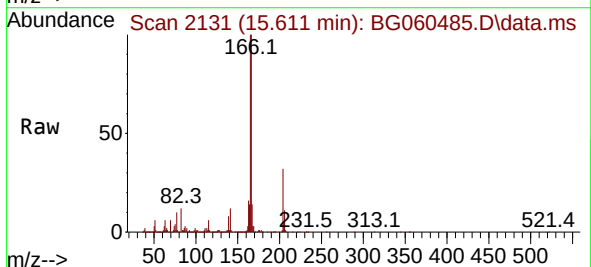
Manual Integrations
APPROVED

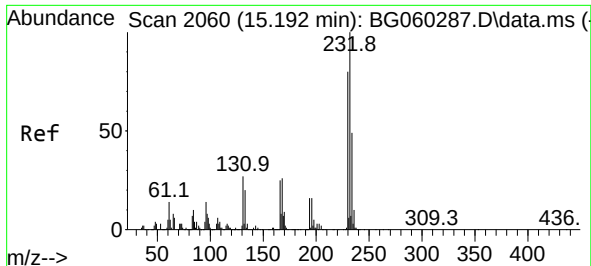
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

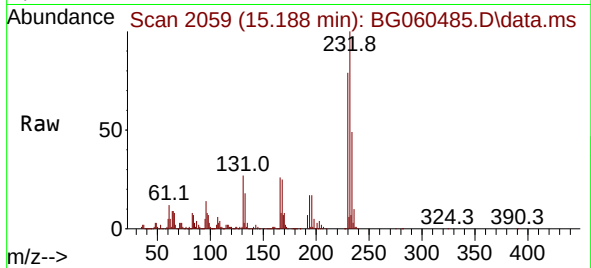
Tgt Ion:166 Resp: 1591856
Ion Ratio Lower Upper
166 100
165 100.5 79.0 118.6
167 13.8 11.4 17.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.380 ng
RT: 15.188 min Scan# 2059
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

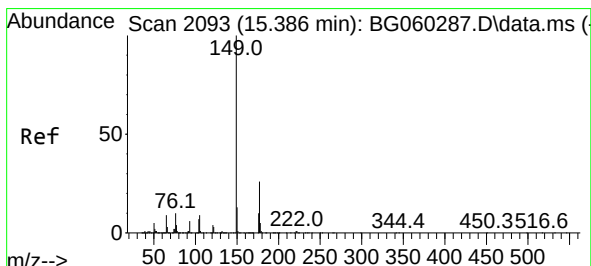
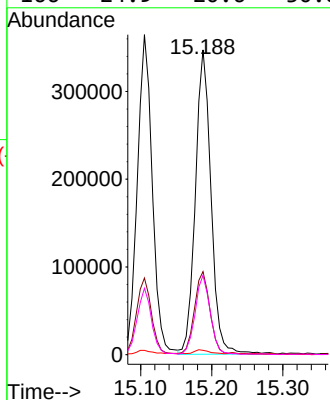
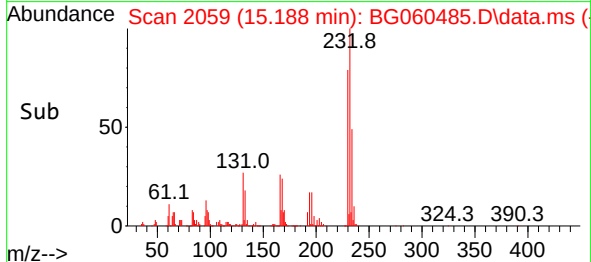
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:232 Resp: 531110
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

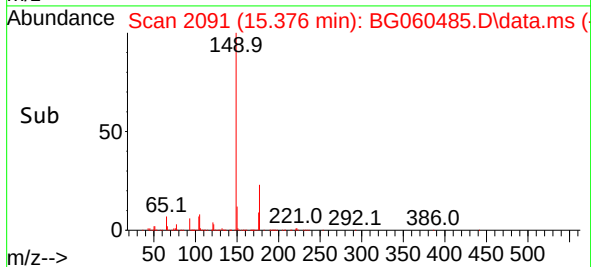
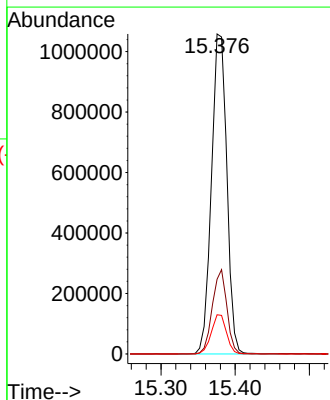
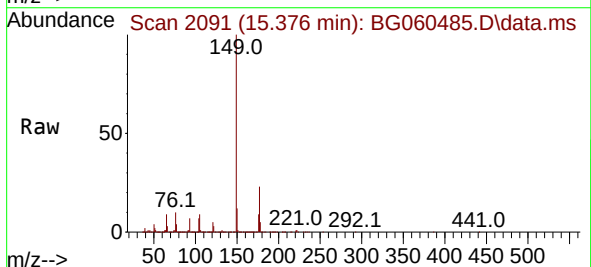
Manual Integrations
APPROVED

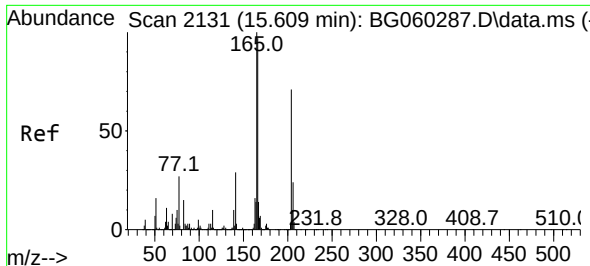
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

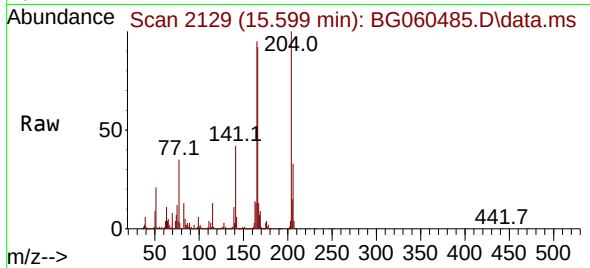
Tgt Ion:149 Resp: 1522873
Ion Ratio Lower Upper
149 100
177 23.4 20.9 31.3
150 12.3 10.2 15.2





#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

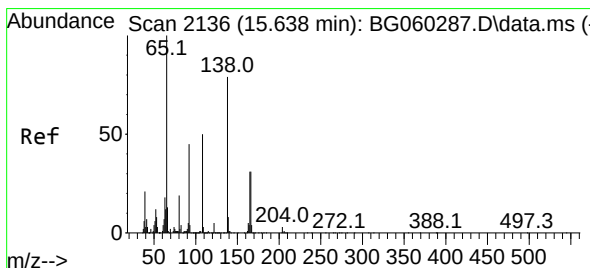
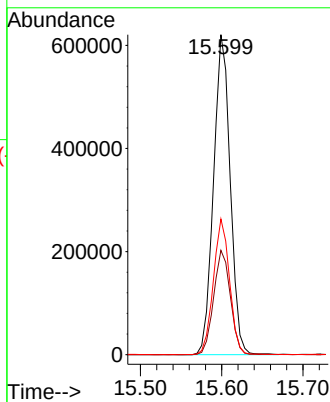
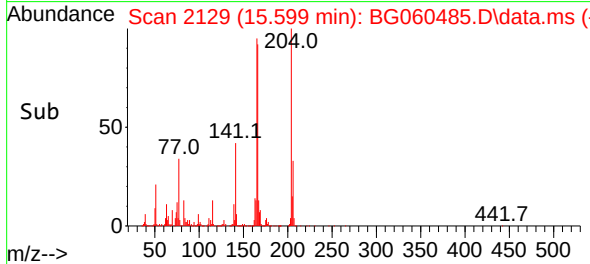
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



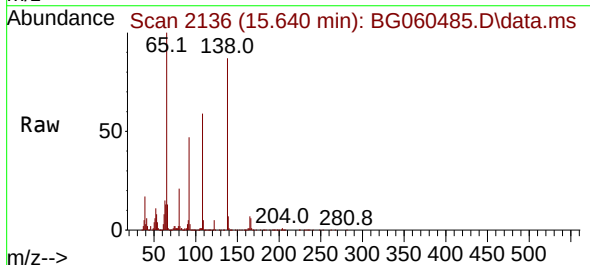
Tgt Ion:204 Resp: 883850
Ion Ratio Lower Upper
204 100
206 32.6 27.1 40.7
141 42.4 32.2 48.2

Manual Integrations
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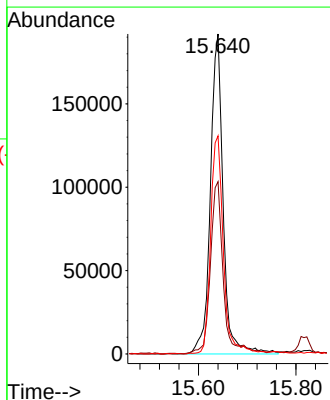
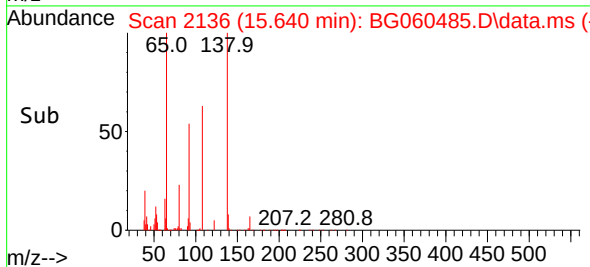
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

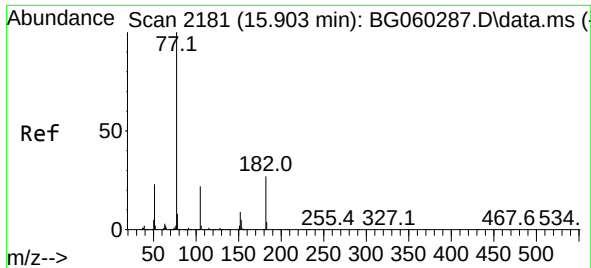


#62
4-Nitroaniline
Concen: 45.111 ng
RT: 15.640 min Scan# 2136
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



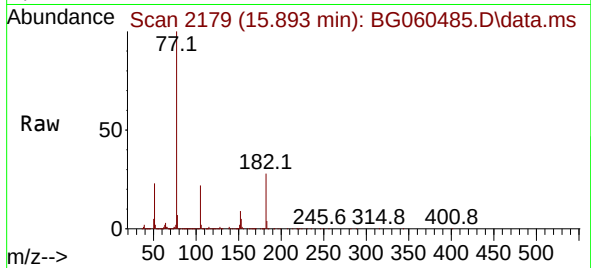
Tgt Ion:138 Resp: 348339
Ion Ratio Lower Upper
138 100
92 53.8 37.0 77.0
108 68.2 43.1 83.1





#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

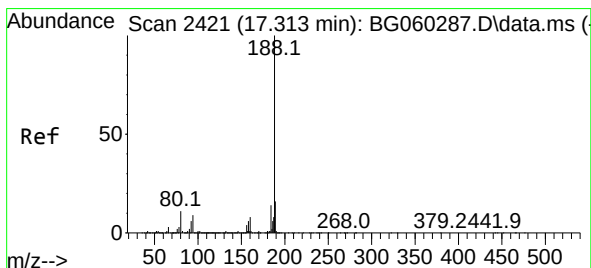
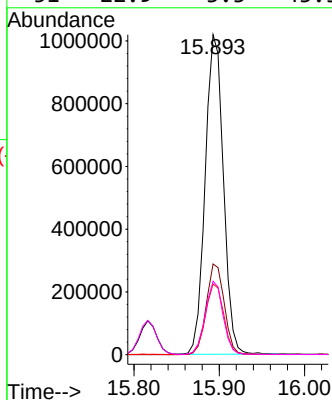
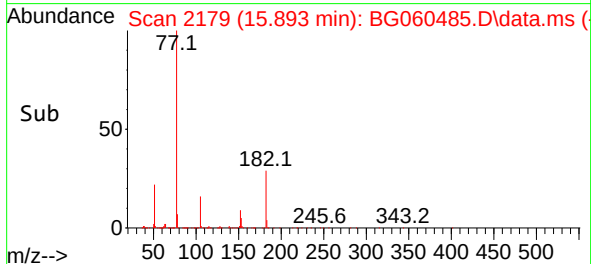
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion: 77 Resp: 150846
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

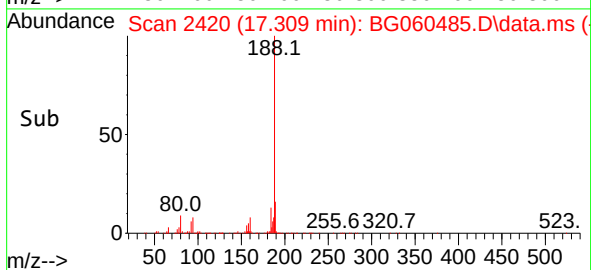
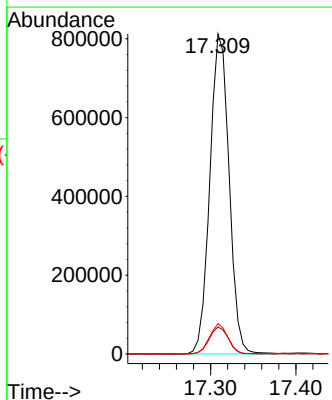
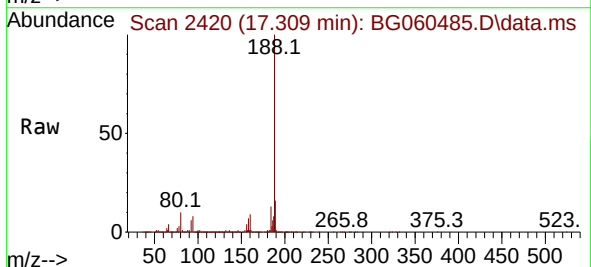
Manual Integrations
APPROVED

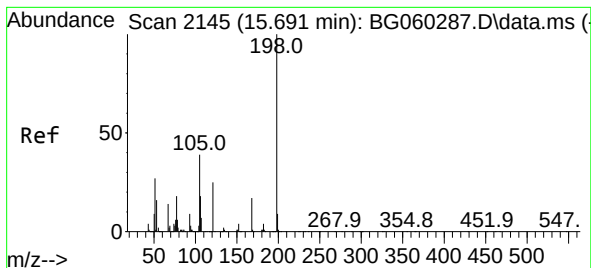
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

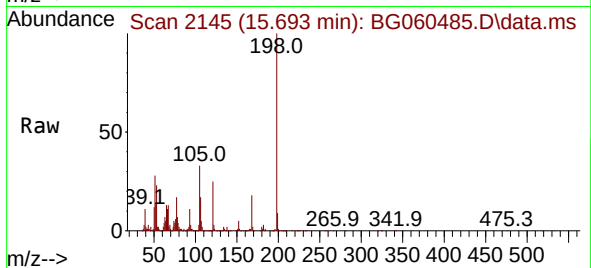
Tgt Ion:188 Resp: 1274004
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.5 8.5 12.7





#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

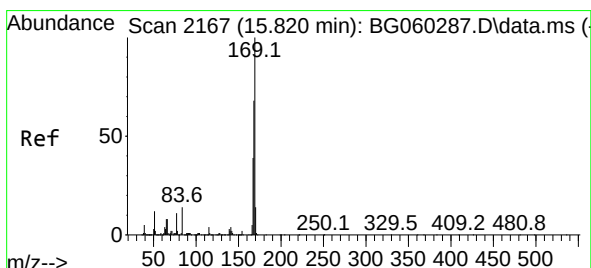
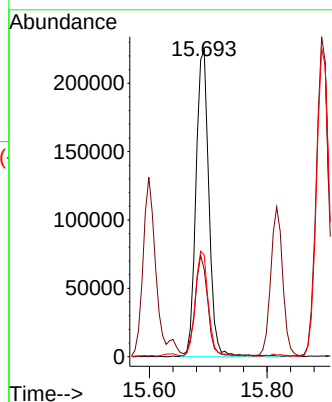
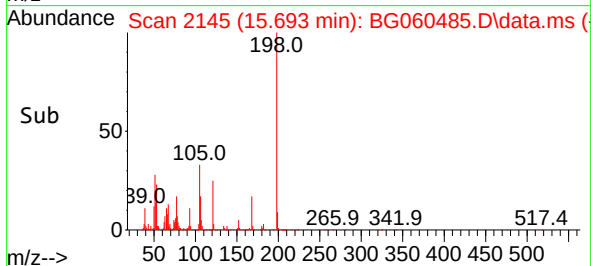
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

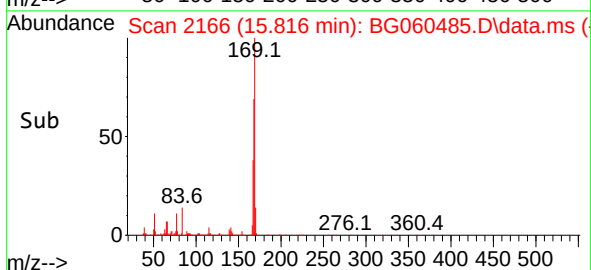
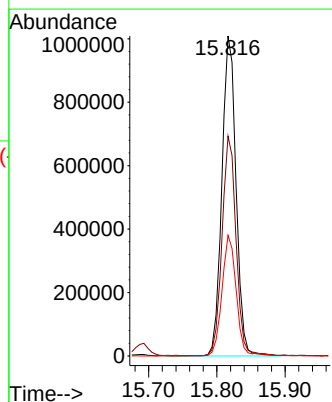
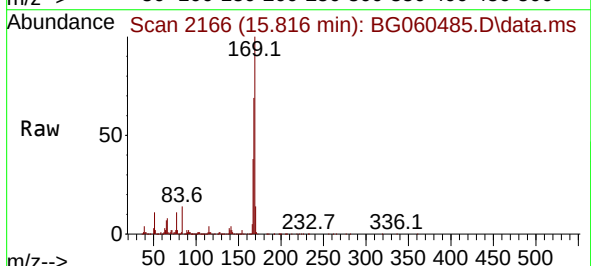
Manual Integrations
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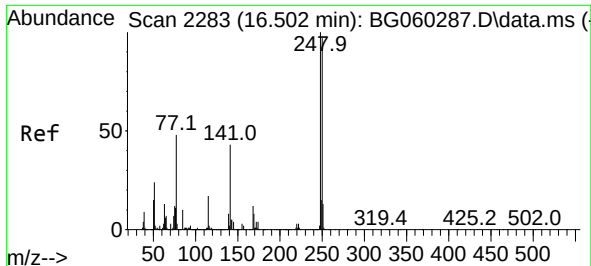
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

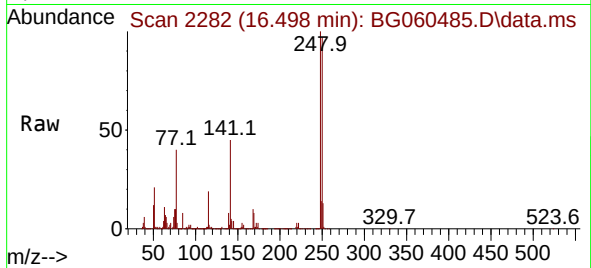
Tgt Ion:169 Resp: 1455202
Ion Ratio Lower Upper
169 100
168 68.7 54.4 81.6
167 37.7 31.2 46.8





#67
4-Bromophenyl-phenylether
Concen: 43.657 ng
RT: 16.498 min Scan# 2114
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54

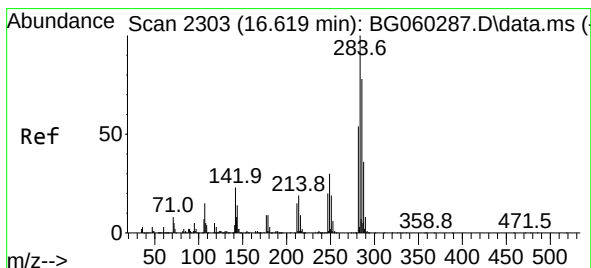
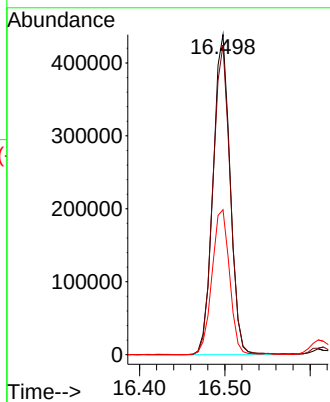
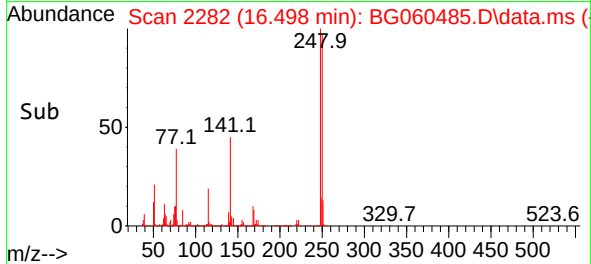
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:248 Resp: 61114
Ion Ratio Lower Upper
248 100
250 96.7 77.6 116.4
141 45.3 34.2 51.4

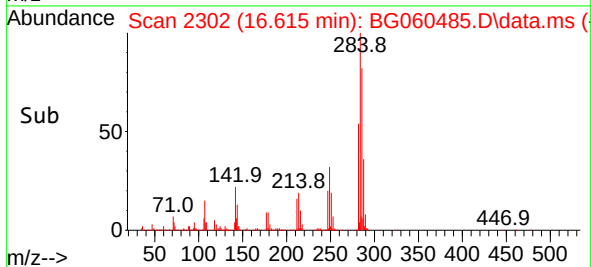
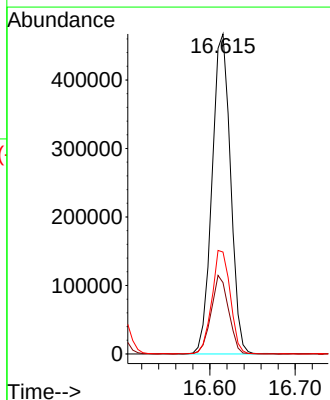
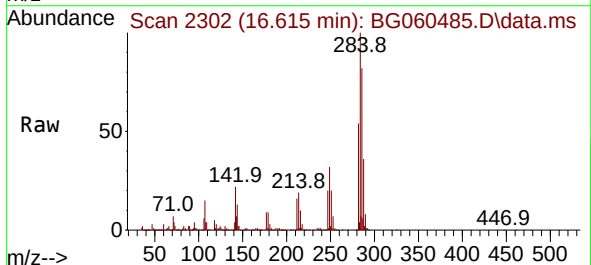
Manual Integrations
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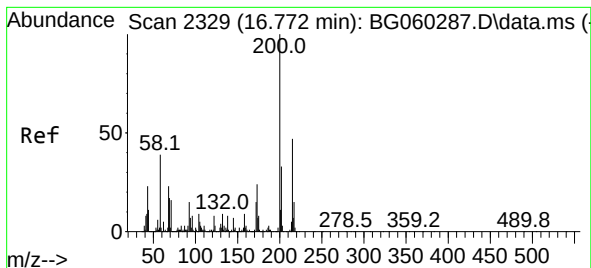
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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: 61718

Ion Ratio Lower Upper

200 100

173 23.9 4.1 44.1

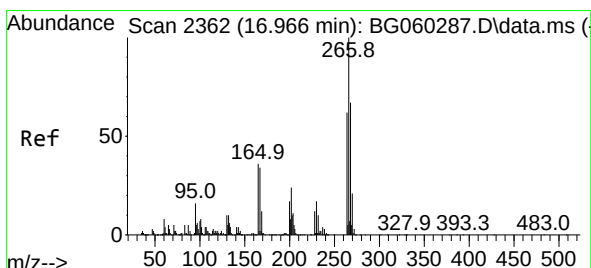
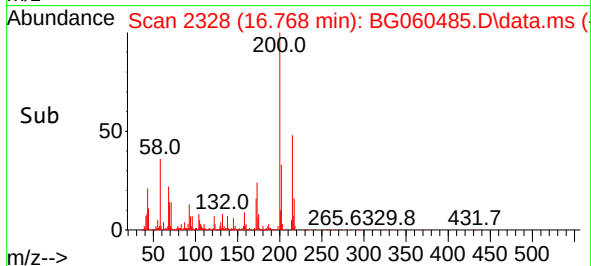
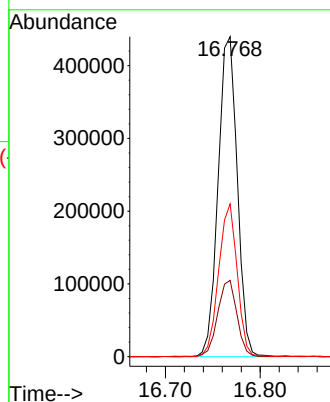
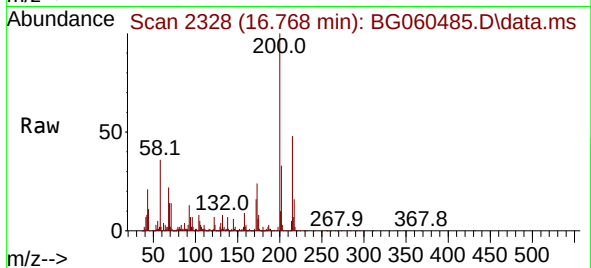
215 47.7 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024

Supervised By :Sohil Jodhani 01/31/2024



#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

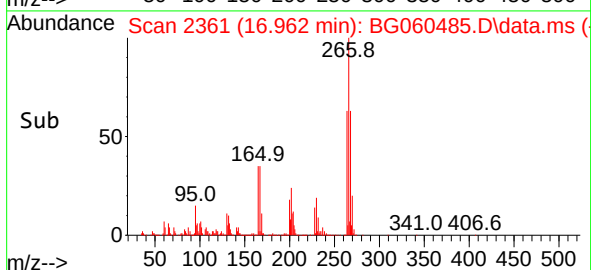
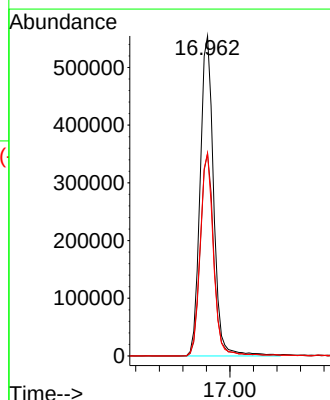
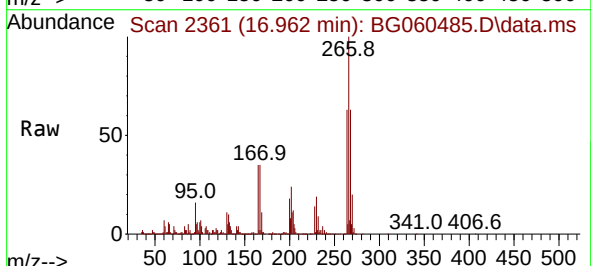
Tgt Ion:266 Resp: 881637

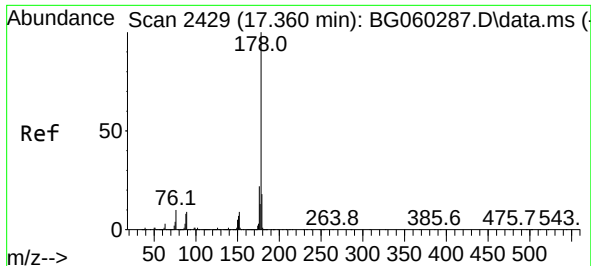
Ion Ratio Lower Upper

266 100

268 63.3 57.4 86.2

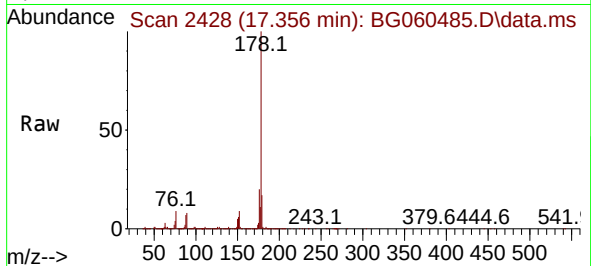
264 63.4 49.8 74.8





#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

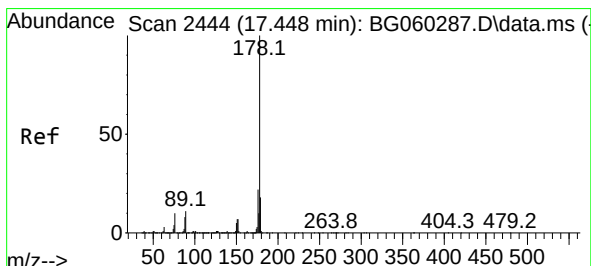
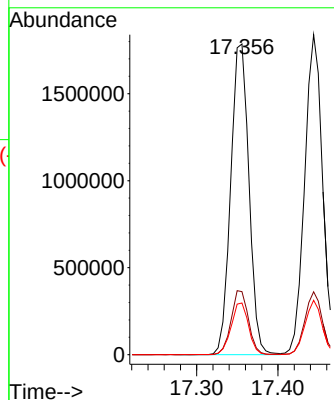
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:178 Resp: 278072
Ion Ratio Lower Upper
178 100
176 20.3 17.4 26.2
179 16.6 14.7 22.1

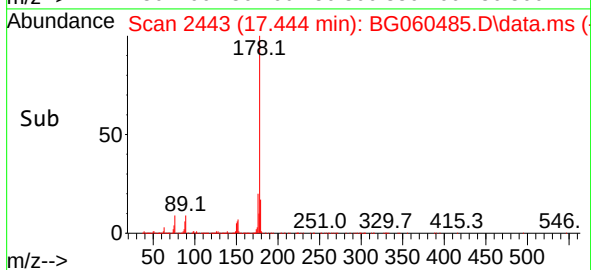
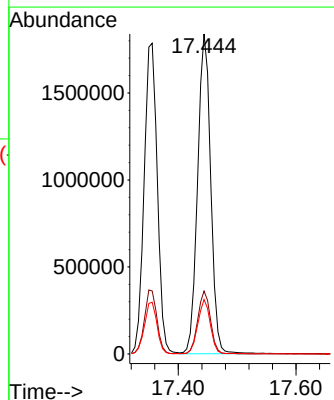
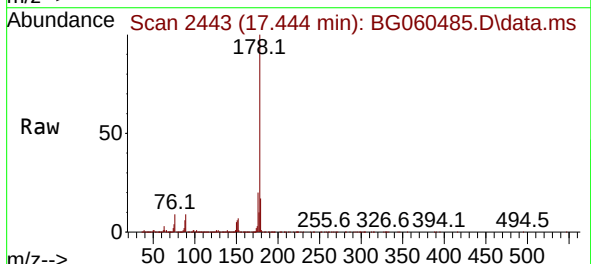
Manual Integrations
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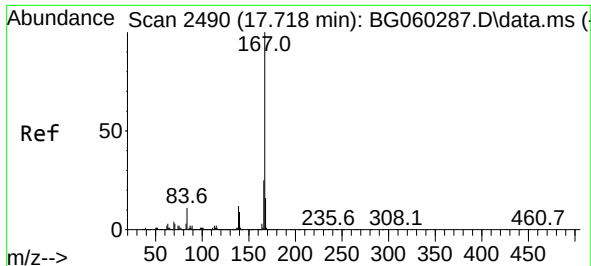
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

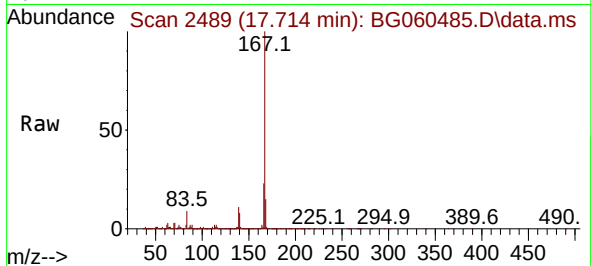
Tgt Ion:178 Resp: 2834439
Ion Ratio Lower Upper
178 100
176 19.7 17.8 26.6
179 17.0 14.1 21.1





#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

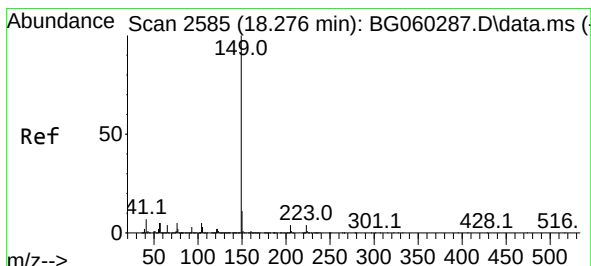
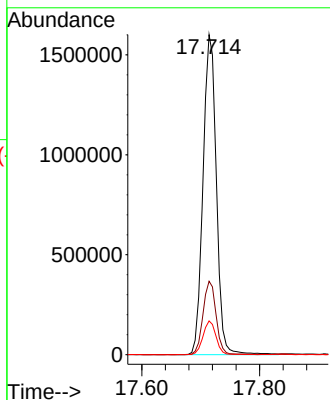
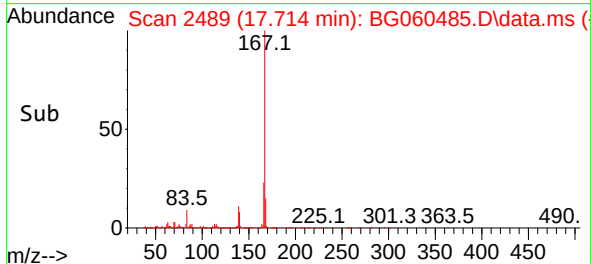
Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126MS



Tgt Ion:167 Resp: 2518340
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.8 29.8
 139 10.6 9.3 13.9

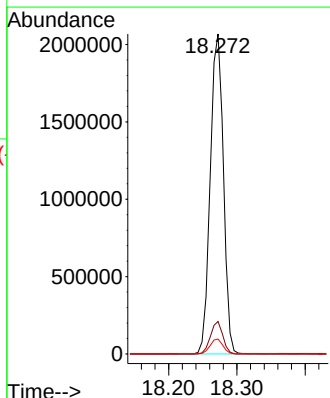
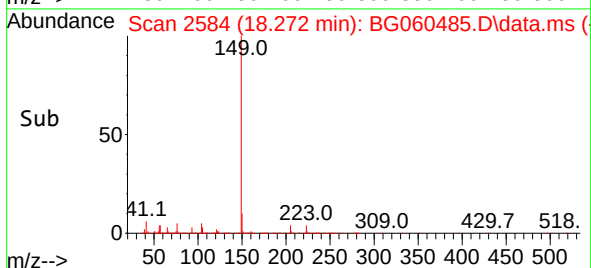
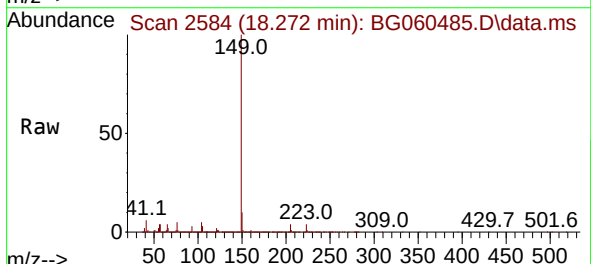
Manual Integrations
 APPROVED

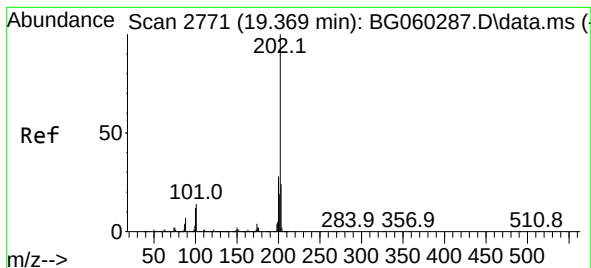
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024



#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

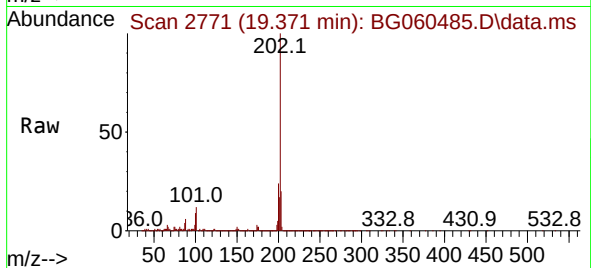
Tgt Ion:149 Resp: 2765538
 Ion Ratio Lower Upper
 149 100
 150 10.1 9.1 13.7
 104 4.7 4.3 6.5





#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

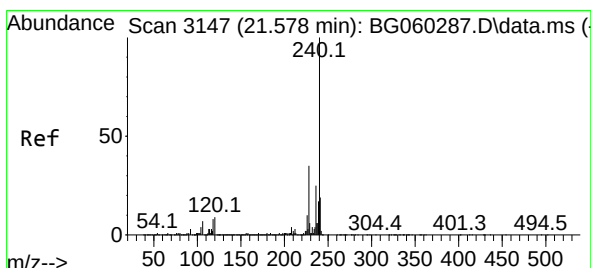
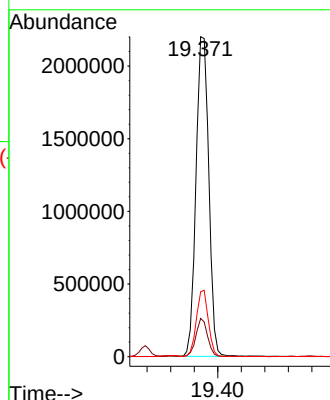
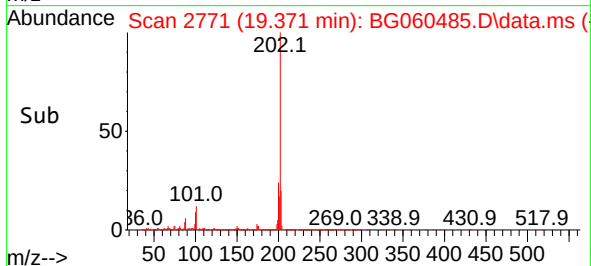
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:202 Resp: 3310740
Ion Ratio Lower Upper
202 100
101 12.0 0.0 34.4
203 20.3 4.0 44.0

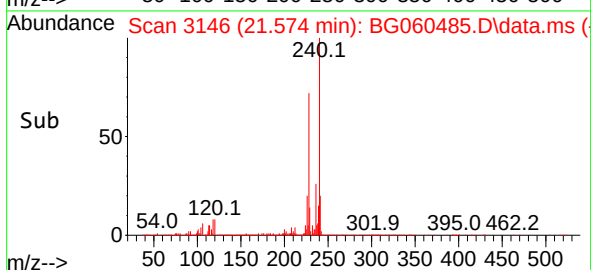
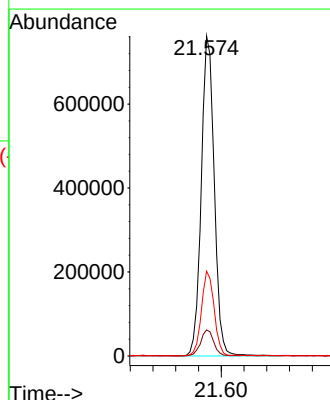
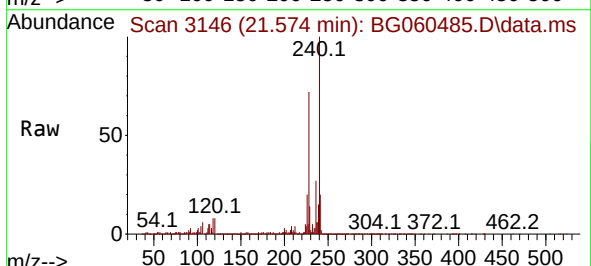
Manual Integrations
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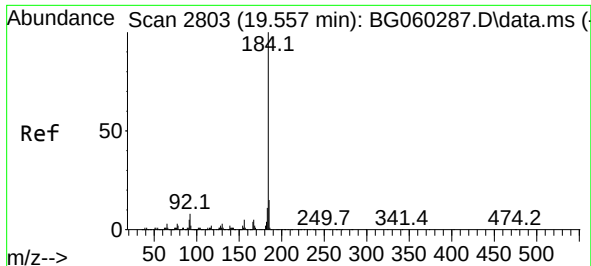
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

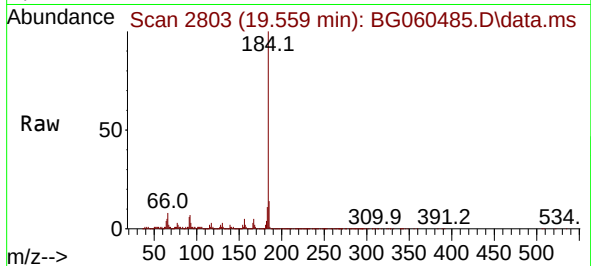
Tgt Ion:240 Resp: 1209178
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.5 20.3 30.5





#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

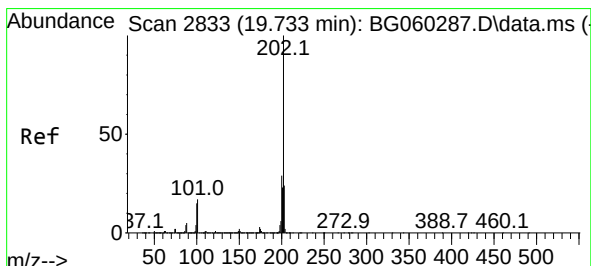
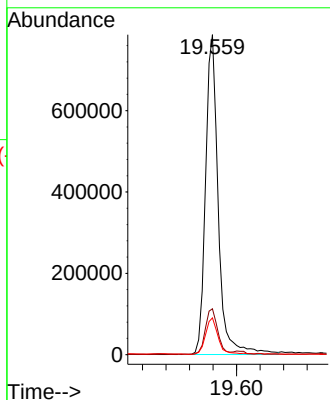
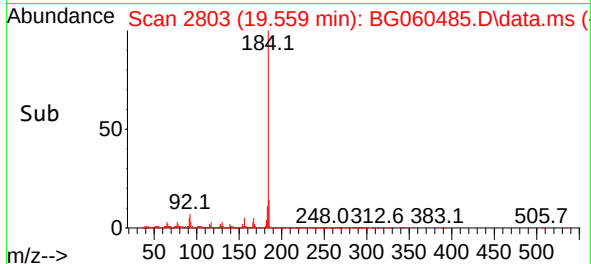
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



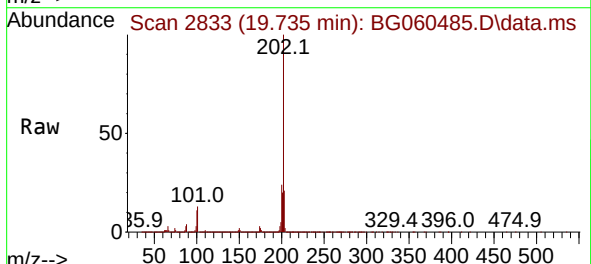
Tgt Ion:184 Resp: 1175619
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.4
183 11.5 9.0 13.4

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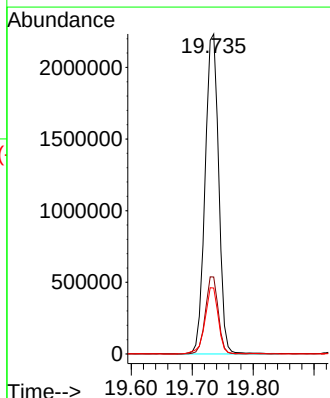
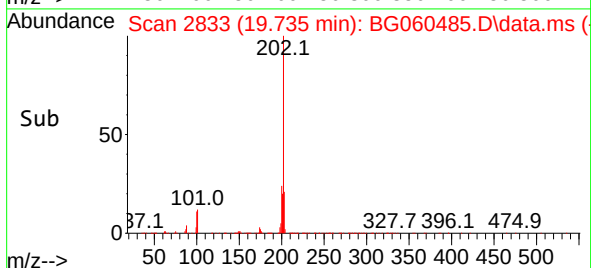
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

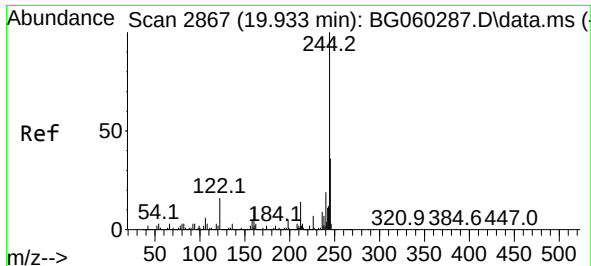


#78
Pyrene
Concen: 44.667 ng
RT: 19.735 min Scan# 2833
Delta R.T. 0.002 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



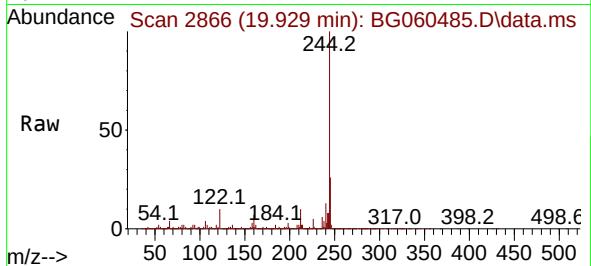
Tgt Ion:202 Resp: 3449102
Ion Ratio Lower Upper
202 100
200 24.1 23.5 35.3
203 20.6 19.6 29.4





#79
 Terphenyl-d14
 Concen: 80.848 ng
 RT: 19.929 min Scan# 2866
 Delta R.T. -0.004 min
 Lab File: BG060485.D
 Acq: 30 Jan 2024 15:54

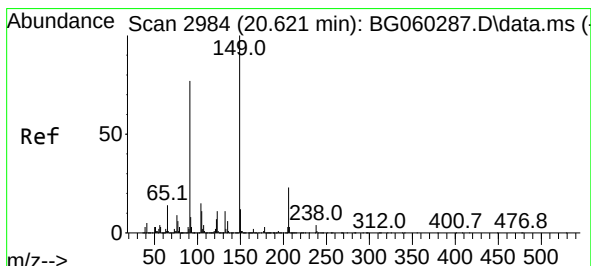
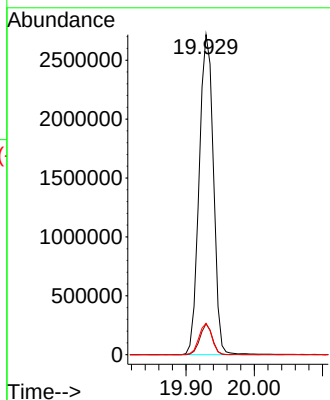
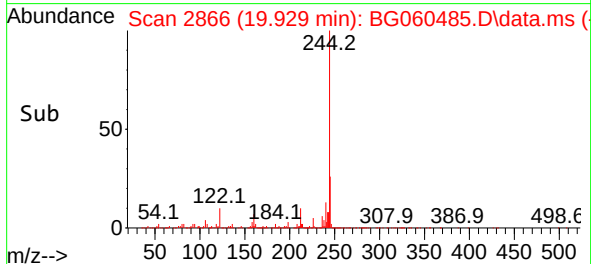
Instrument :
 BNA_G
 ClientSampleId :
 WC-SOIL-20240126MS



Tgt Ion:244 Resp: 394795
 Ion Ratio Lower Upper
 244 100
 212 9.7 10.9 16.3
 122 9.8 12.6 18.8

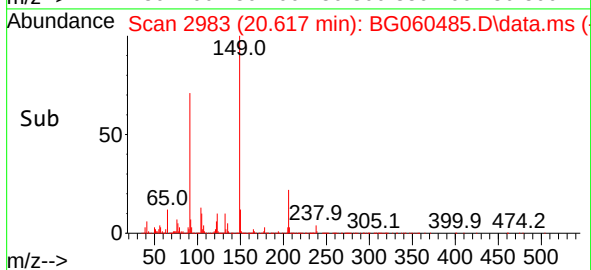
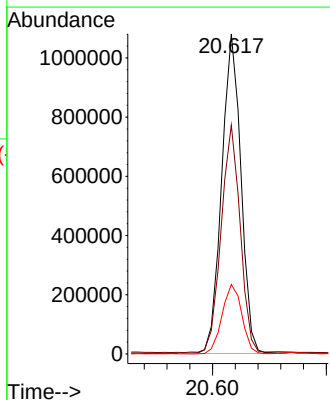
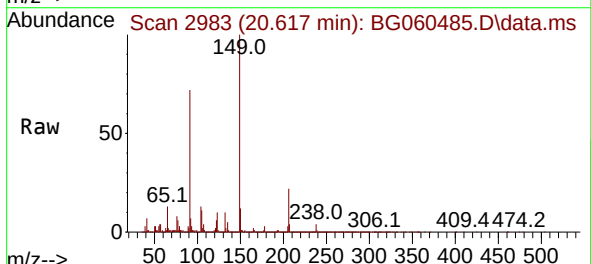
Manual Integrations
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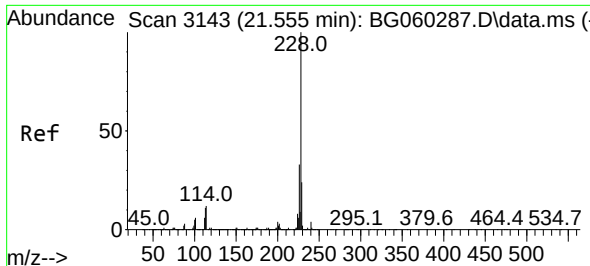
Reviewed By :Jagrut Upadhyay 01/31/2024
 Supervised By :Sohil Jodhani 01/31/2024



#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

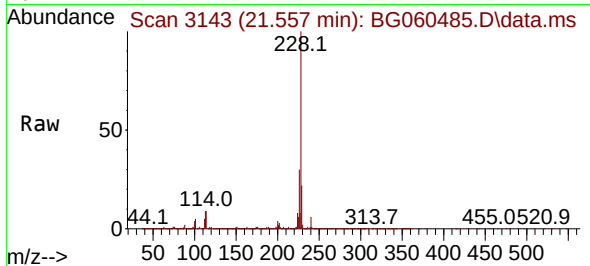
Tgt Ion:149 Resp: 1268154
 Ion Ratio Lower Upper
 149 100
 91 71.5 61.4 92.2
 206 21.7 18.0 27.0





#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

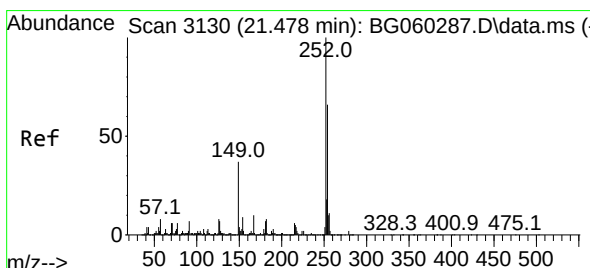
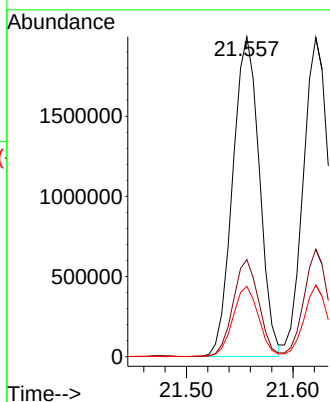
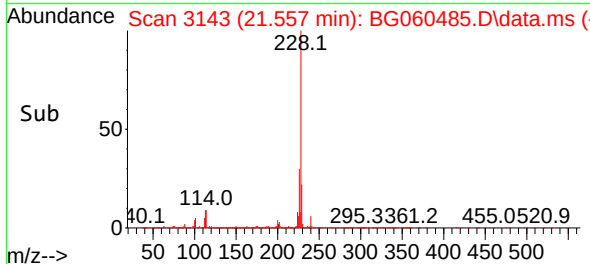
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



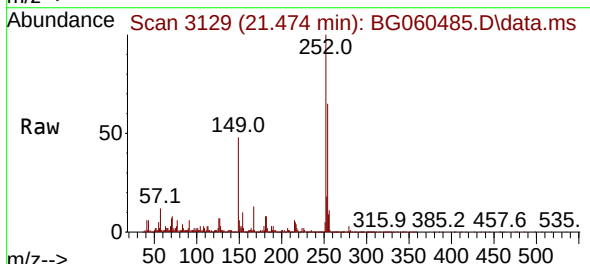
Tgt Ion:228 Resp: 3476638
Ion Ratio Lower Upper
228 100
226 30.4 26.2 39.2
229 22.0 19.4 29.2

Manual Integrations
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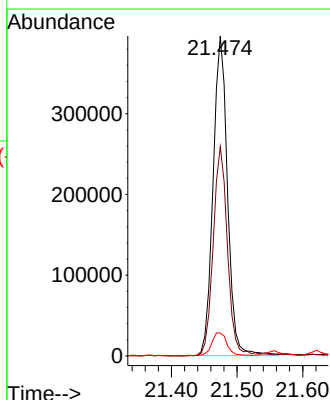
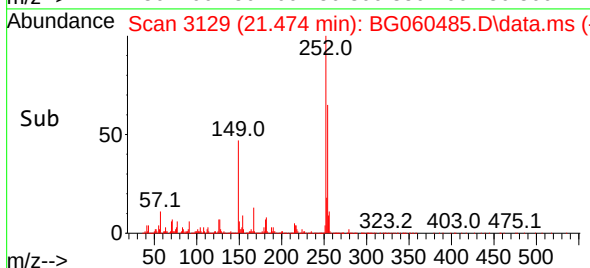
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

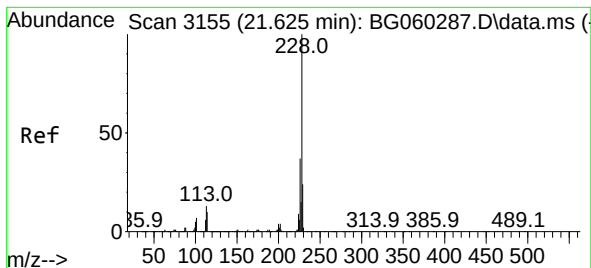


#82
3,3'-Dichlorobenzidine
Concen: 21.099 ng
RT: 21.474 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



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

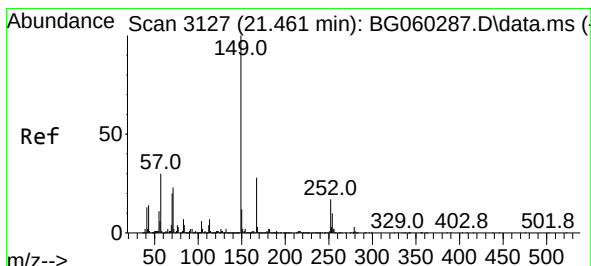
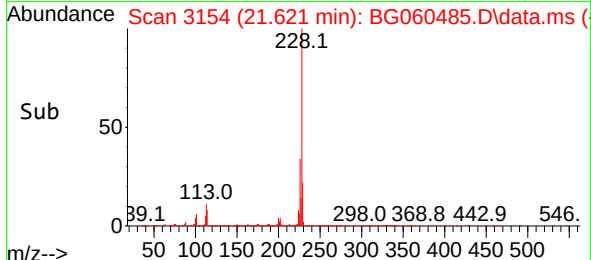
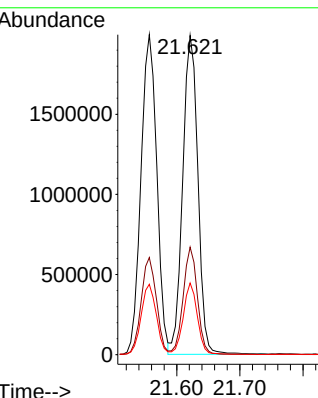
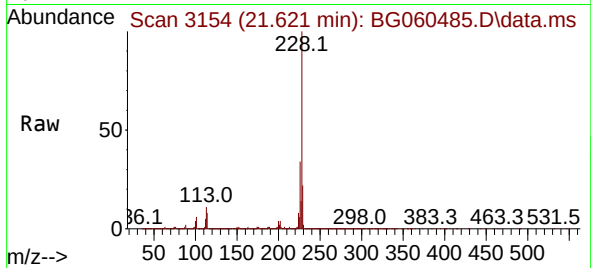
Tgt Ion:228 Resp: 332117

Ion	Ratio	Lower	Upper
228	100		
226	33.7	29.4	44.2
229	22.4	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.231 ng

RT: 21.457 min Scan# 3126

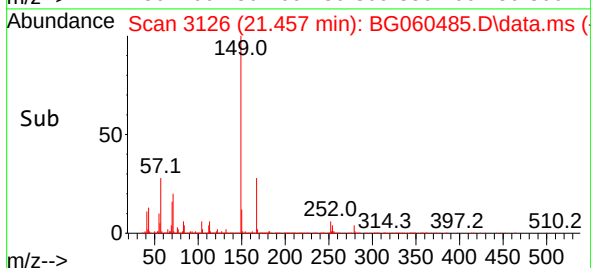
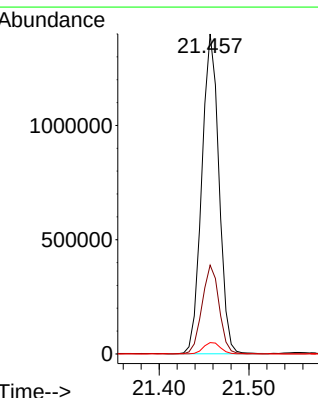
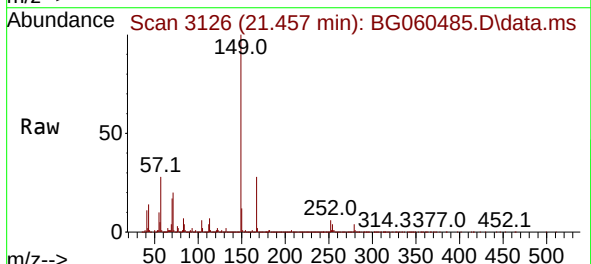
Delta R.T. -0.004 min

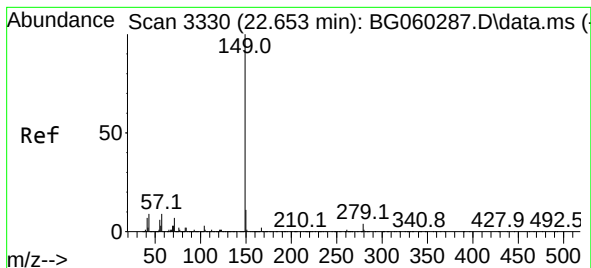
Lab File: BG060485.D

Acq: 30 Jan 2024 15:54

Tgt Ion:149 Resp: 1855893

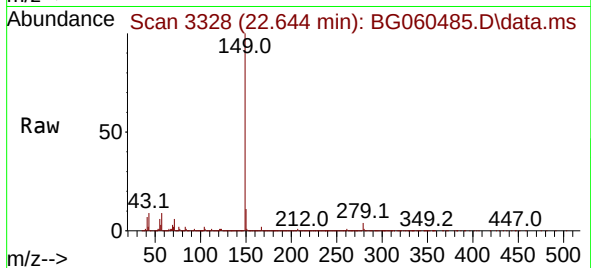
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.2
279	3.6	2.7	4.1





#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

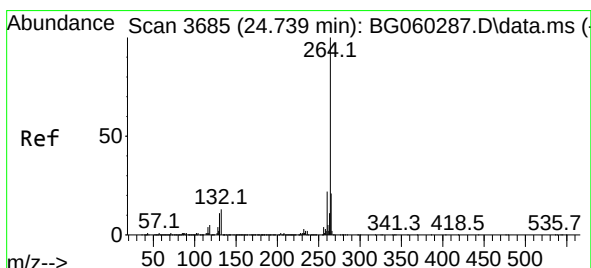
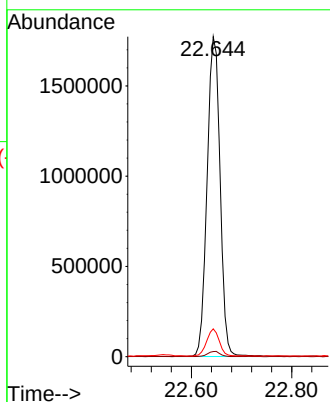
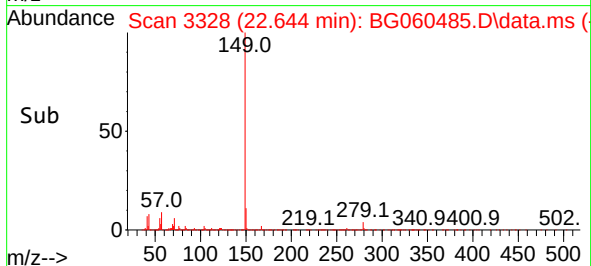
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



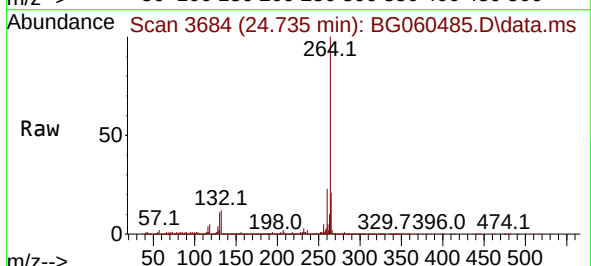
Tgt Ion:149 Resp: 3183639
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 6.8 10.2

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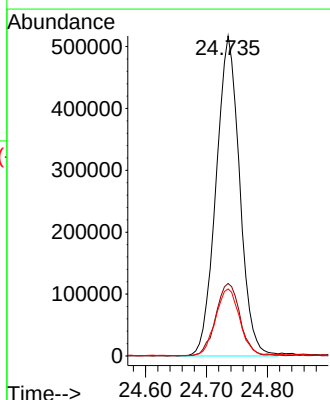
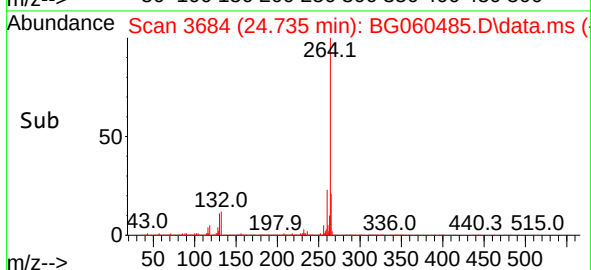
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024

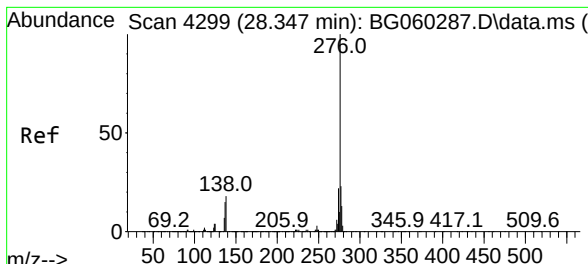


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.735 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BG060485.D
Acq: 30 Jan 2024 15:54



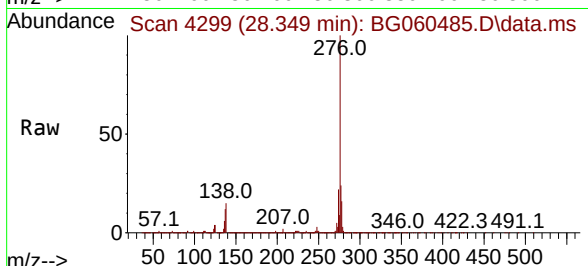
Tgt Ion:264 Resp: 1389701
Ion Ratio Lower Upper
264 100
260 22.7 17.8 26.6
265 20.9 16.8 25.2





#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

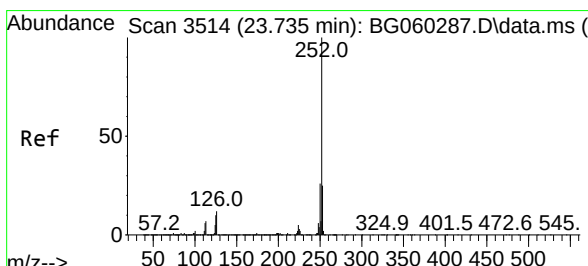
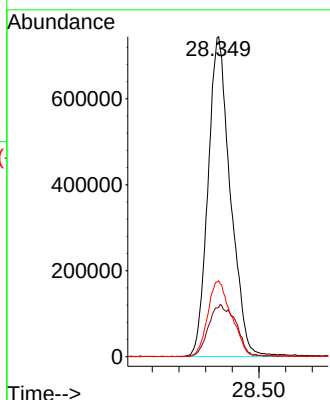
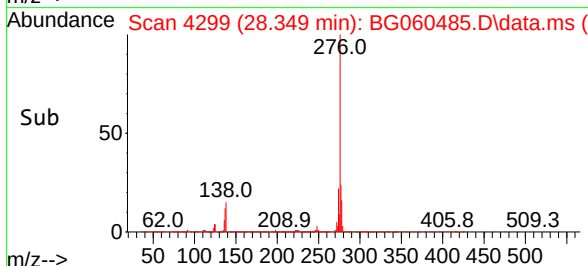
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



Tgt Ion:276 Resp: 433215
Ion Ratio Lower Upper
276 100
138 19.7 12.5 18.7
277 25.0 20.5 30.7

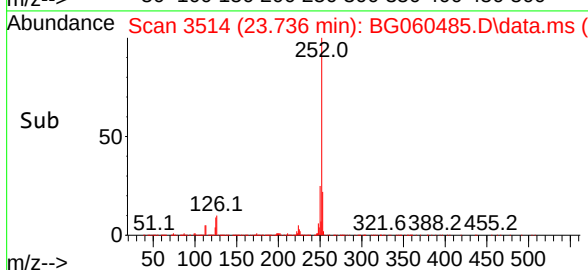
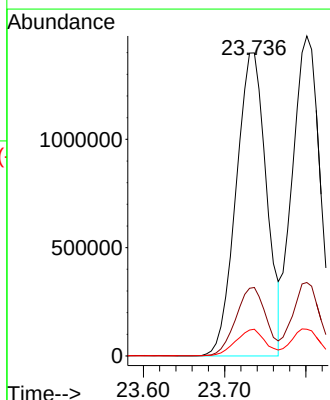
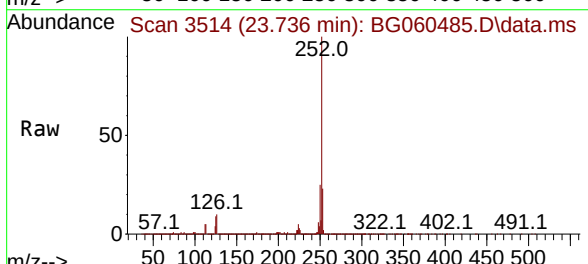
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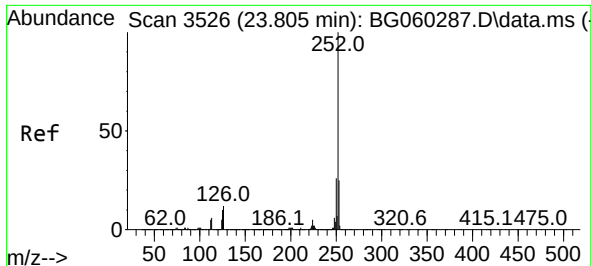
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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

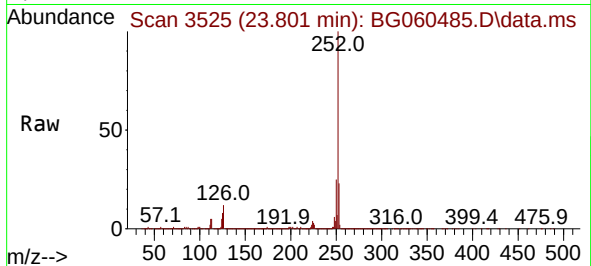
Tgt Ion:252 Resp: 3634805
Ion Ratio Lower Upper
252 100
253 22.6 20.0 30.0
125 8.8 8.1 12.1





#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

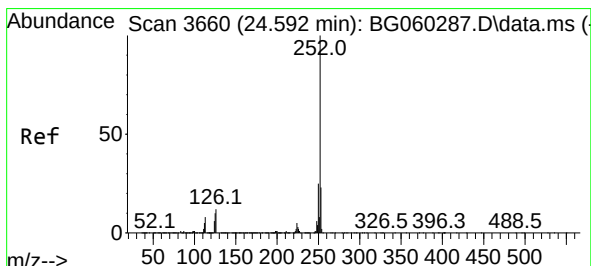
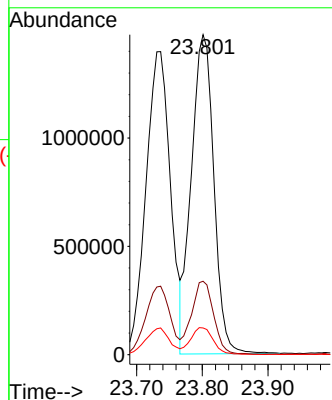
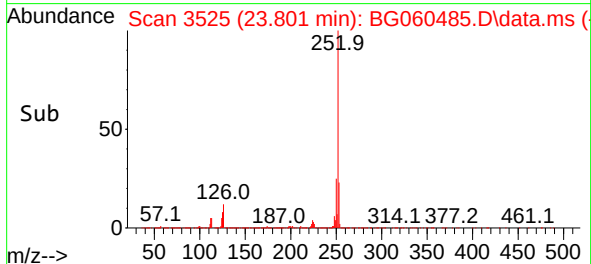
Instrument :
BNA_G
ClientSampleId :
WC-SOIL-20240126MS



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

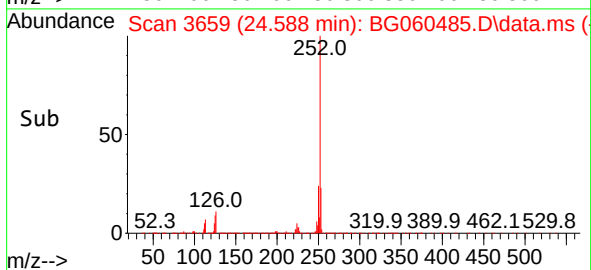
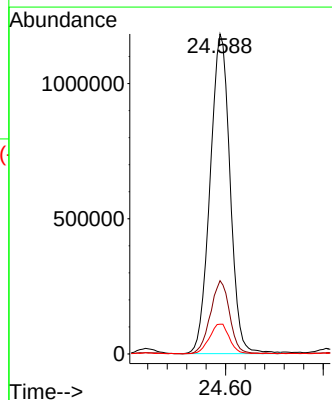
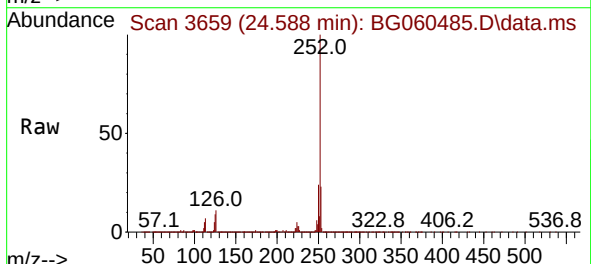
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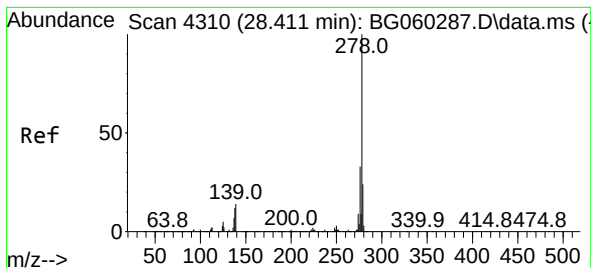
Reviewed By :Jagrut Upadhyay 01/31/2024
Supervised By :Sohil Jodhani 01/31/2024



#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: 343134

Ion Ratio Lower Upper

278 100

139 12.3 10.9 16.3

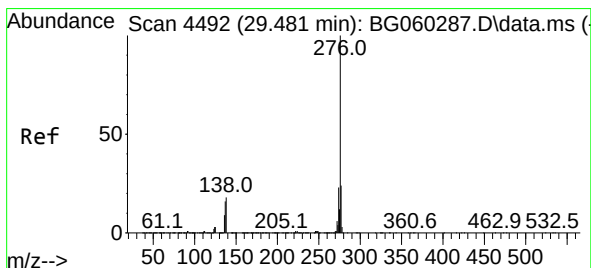
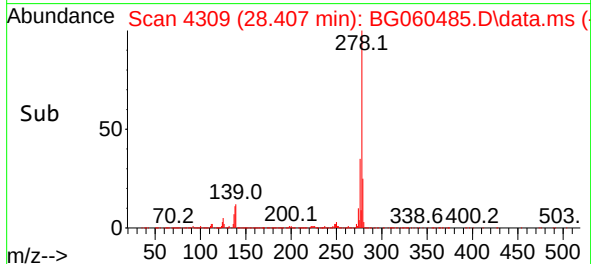
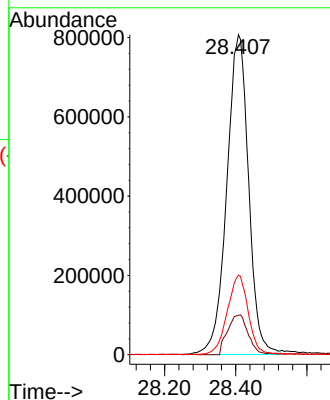
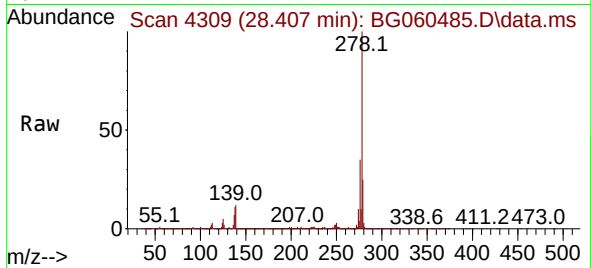
279 24.9 19.2 28.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 01/31/2024

Supervised By :Sohil Jodhani 01/31/2024



#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

