

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110124\
 Data File : BG063143.D
 Acq On : 1 Nov 2024 11:43
 Operator : RC/JU
 Sample : P4368-03
 Misc : MDL-MDL-SOIL 4 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024

Quant Time: Nov 01 13:34:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 05:13:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.844	152	157621	20.000	ng	0.00
21) Naphthalene-d8	10.635	136	662569	20.000	ng	# 0.00
39) Acenaphthene-d10	14.477	164	525582	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1273559	20.000	ng	0.00
76) Chrysene-d12	21.481	240	1643312	20.000	ng	0.00
86) Perylene-d12	24.519	264	1788387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.435	112	1041711	102.481	ng	0.00
7) Phenol-d6	7.021	99	1473994	110.656	ng	0.00
23) Nitrobenzene-d5	9.001	82	1125516	73.882	ng	0.00
42) 2,4,6-Tribromophenol	15.976	330	931355	104.321	ng	0.00
45) 2-Fluorobiphenyl	13.097	172	2434909	68.617	ng	0.00
79) Terphenyl-d14	19.859	244	4519414	56.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	14452	3.618	ng	93
3) Pyridine	3.749	79	32276	3.348	ng	# 86
4) n-Nitrosodimethylamine	3.667	42	21176	3.536	ng	# 96
6) Aniline	7.174	93	52693	4.399	ng	# 92
8) 2-Chlorophenol	7.415	128	35802	3.793	ng	98
9) Benzaldehyde	6.986	77	46727	5.645	ng	92
10) Phenol	7.045	94	50948	3.570	ng	86
11) bis(2-Chloroethyl)ether	7.268	93	37569	3.903	ng	85
12) 1,3-Dichlorobenzene	7.732	146	42212	3.686	ng	97
13) 1,4-Dichlorobenzene	7.879	146	38111	3.264	ng	91
14) 1,2-Dichlorobenzene	8.197	146	40303	3.581	ng	93
15) Benzyl Alcohol	8.085	79	42463	3.967	ng	# 84
16) 2,2'-oxybis(1-Chloropr...	8.361	45	68822	3.942	ng	95
17) 2-Methylphenol	8.291	107	30143	3.321	ng	95
18) Hexachloroethane	8.919	117	15868	3.798	ng	91
19) n-Nitroso-di-n-propyla...	8.637	70	35763	3.855	ng	# 82
20) 3+4-Methylphenols	8.614	107	39984	3.303	ng	95
22) Acetophenone	8.661	105	67225	3.786	ng	# 99
24) Nitrobenzene	9.043	77	59589	3.617	ng	90
25) Isophorone	9.554	82	99085	3.760	ng	97
26) 2-Nitrophenol	9.748	139	19766	3.263	ng	92
27) 2,4-Dimethylphenol	9.812	122	12996	1.745	ng	# 76
28) bis(2-Chloroethoxy)met...	10.041	93	48301	3.496	ng	# 95
29) 2,4-Dichlorophenol	10.288	162	38317	3.406	ng	98
30) 1,2,4-Trichlorobenzene	10.500	180	46197	3.339	ng	98
31) Naphthalene	10.682	128	123754	3.541	ng	# 95
32) Benzoic acid	9.936	122	4635m	0.714	ng	
33) 4-Chloroaniline	10.793	127	46448	3.938	ng	# 89
34) Hexachlorobutadiene	10.970	225	36453	3.201	ng	# 81
35) Caprolactam	11.540	113	12409	3.454	ng	# 65
36) 4-Chloro-3-methylphenol	11.922	107	40024	3.088	ng	94
37) 2-Methylnaphthalene	12.292	142	88403	3.566	ng	98
38) 1-Methylnaphthalene	12.515	142	80118m	3.283	ng	
40) 1,2,4,5-Tetrachloroben...	12.668	216	63290	3.351	ng	98
41) Hexachlorocyclopentadiene	12.650	237	5935	0.967	ng	80
43) 2,4,6-Trichlorophenol	12.909	196	34142	3.019	ng	94

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Quant Time: Nov 01 13:34:25 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.979	196	41632	3.349	ng	# 89
46) 1,1'-Biphenyl	13.308	154	128844	3.612	ng	96
47) 2-Chloronaphthalene	13.349	162	97073	3.249	ng	93
48) 2-Nitroaniline	13.555	65	31792	3.032	ng	# 82
49) Acenaphthylene	14.201	152	152325	3.612	ng	# 91
50) Dimethylphthalate	13.931	163	123495	3.297	ng	98
51) 2,6-Dinitrotoluene	14.048	165	27045	3.382	ng	90
52) Acenaphthene	14.542	154	85046	3.257	ng	90
53) 3-Nitroaniline	14.383	138	26091	3.436	ng	87
54) 2,4-Dinitrophenol	14.601	184	7128m	1.461	ng	
55) Dibenzofuran	14.877	168	158167	3.435	ng	95
56) 4-Nitrophenol	14.695	139	17053	2.966	ng	# 73
57) 2,4-Dinitrotoluene	14.848	165	37188	3.251	ng	# 96
58) Fluorene	15.529	166	119723	3.281	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.106	232	34455	2.888	ng	# 90
60) Diethylphthalate	15.300	149	129011	3.354	ng	97
61) 4-Chlorophenyl-phenyle...	15.523	204	76438	3.371	ng	95
62) 4-Nitroaniline	15.547	138	26850	3.205	ng	# 84
63) Azobenzene	15.817	77	137915	3.467	ng	93
65) 4,6-Dinitro-2-methylph...	15.611	198	22669	2.769	ng	87
66) n-Nitrosodiphenylamine	15.735	169	112985	3.556	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	51793	3.318	ng	95
68) Hexachlorobenzene	16.534	284	63385	3.506	ng	97
69) Atrazine	16.687	200	50410	3.451	ng	94
70) Pentachlorophenol	16.886	266	19336	2.149	ng	96
71) Phenanthrene	17.268	178	222075	3.597	ng	99
72) Anthracene	17.362	178	202591	3.343	ng	99
73) Carbazole	17.633	167	199105	3.490	ng	98
74) Di-n-butylphthalate	18.197	149	224057	3.459	ng	97
75) Fluoranthene	19.289	202	311442	3.564	ng	98
77) Benzidine	19.472	184	64454	2.546	ng	# 97
78) Pyrene	19.654	202	317501	3.259	ng	98
80) Butylbenzylphthalate	20.553	149	105466	3.360	ng	86
81) Benzo(a)anthracene	21.463	228	366427	3.541	ng	98
82) 3,3'-Dichlorobenzidine	21.381	252	128019	3.337	ng	98
83) Chrysene	21.522	228	345987	3.559	ng	97
84) Bis(2-ethylhexyl)phtha...	21.381	149	159064	3.493	ng	# 94
85) Di-n-octyl phthalate	22.521	149	254952	3.347	ng	97
87) Indeno(1,2,3-cd)pyrene	27.920	276	428094	3.567	ng	92
88) Benzo(b)fluoranthene	23.555	252	362566	3.477	ng	99
89) Benzo(k)fluoranthene	23.614	252	356114	3.580	ng	# 96
90) Benzo(a)pyrene	24.372	252	337628	3.710	ng	# 99
91) Dibenzo(a,h)anthracene	27.985	278	350718	3.501	ng	97
92) Benzo(g,h,i)perylene	28.996	276	330003	3.332	ng	# 92

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

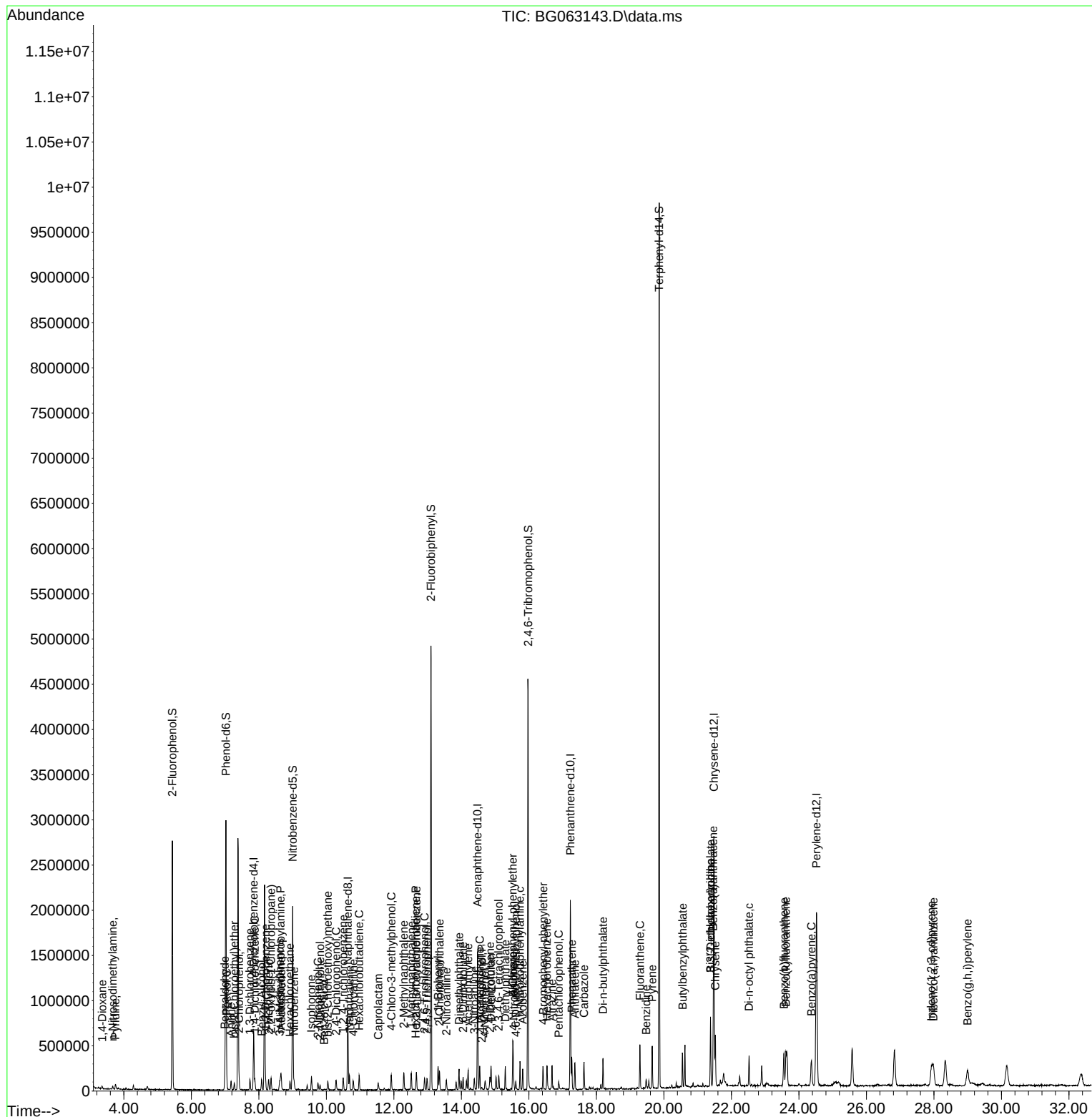
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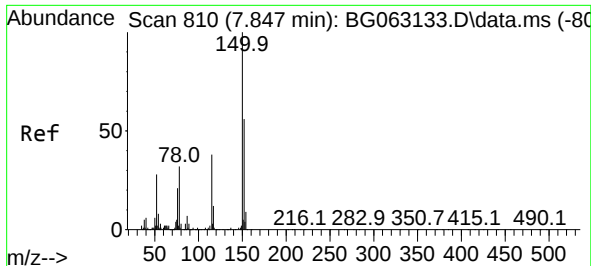
Instrument :
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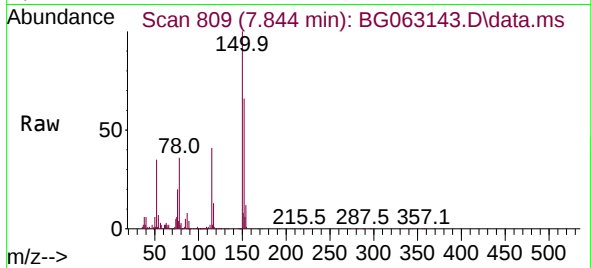
Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.844 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

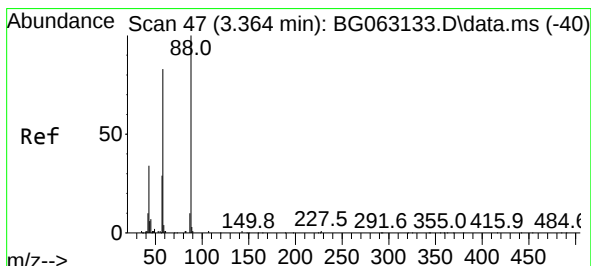
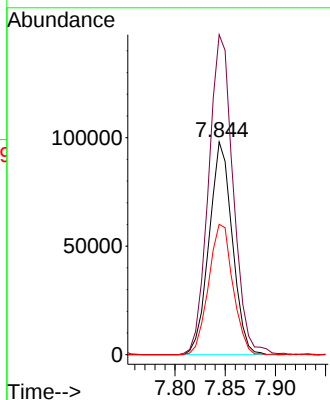
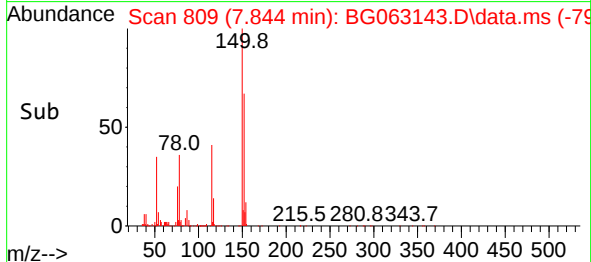
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



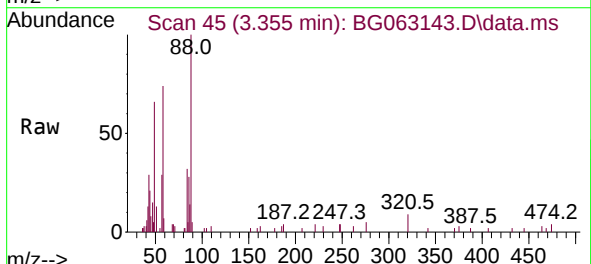
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Ion Ratio Lower Upper
152 100
150 150.4 143.1 214.7
115 61.3 55.0 82.4

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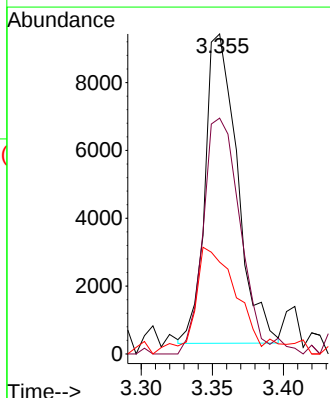
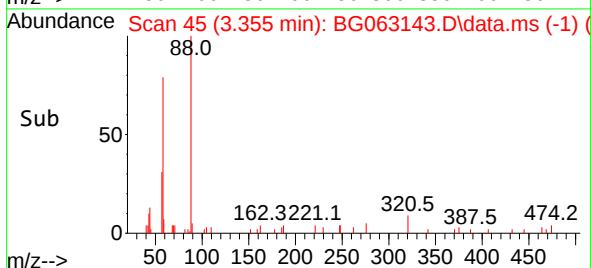
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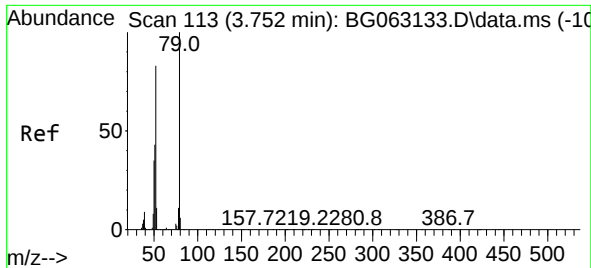


#2
1,4-Dioxane
Concen: 3.618 ng
RT: 3.355 min Scan# 45
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



Tgt Ion: 88 Resp: 14452
Ion Ratio Lower Upper
88 100
58 88.4 73.8 110.6
43 47.7 32.0 48.0





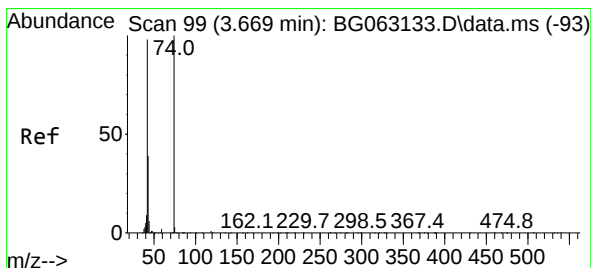
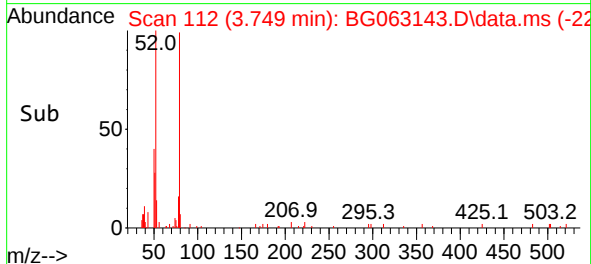
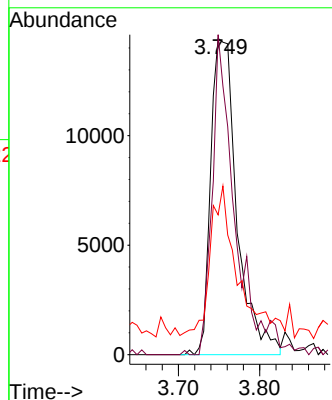
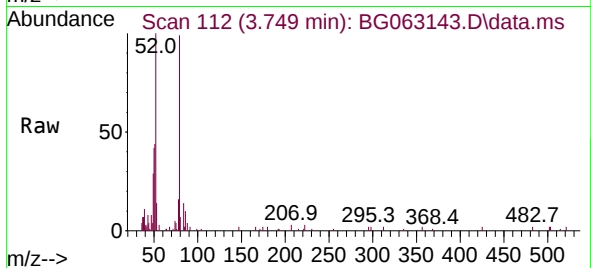
#3
Pyridine
Concen: 3.348 ng
RT: 3.749 min Scan# 113
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 79 Resp: 32270
Ion Ratio Lower Upper
79 100
52 101.2 66.1 99.1
51 44.2 36.6 54.8

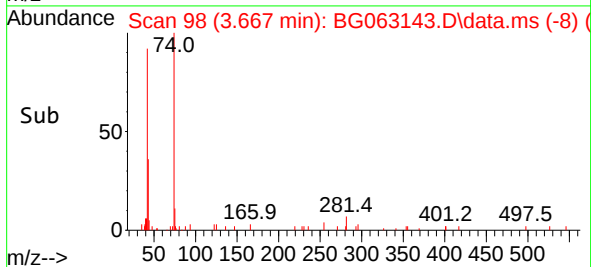
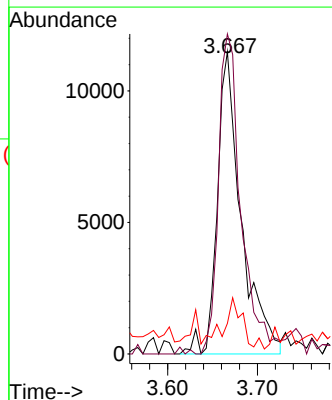
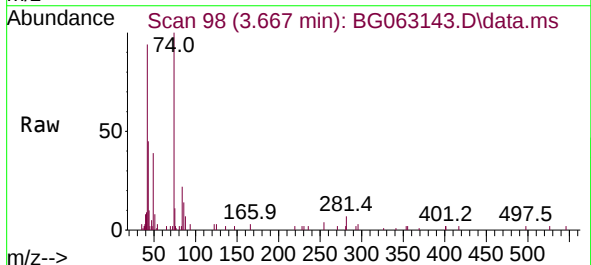
Manual Integrations
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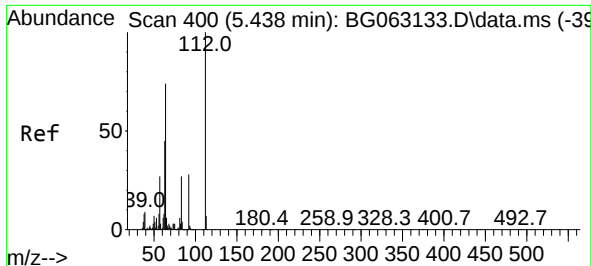
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#4
n-Nitrosodimethylamine
Concen: 3.536 ng
RT: 3.667 min Scan# 98
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

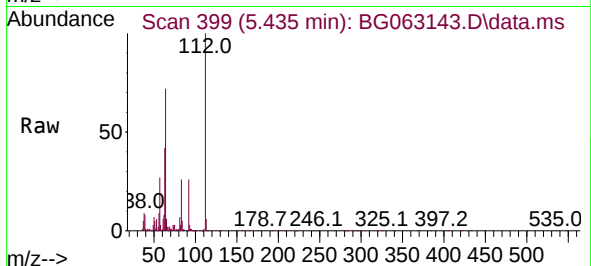
Tgt Ion: 42 Resp: 21176
Ion Ratio Lower Upper
42 100
74 105.9 81.9 122.9
44 10.1 5.8 8.8





#5
2-Fluorophenol
Concen: 102.481 ng
RT: 5.435 min Scan# 399
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

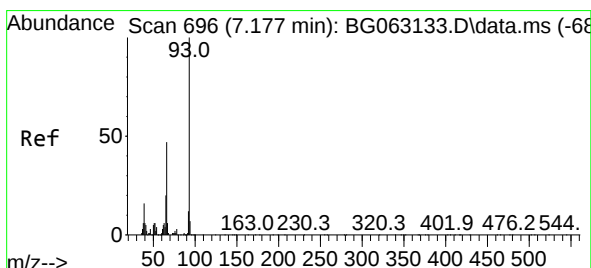
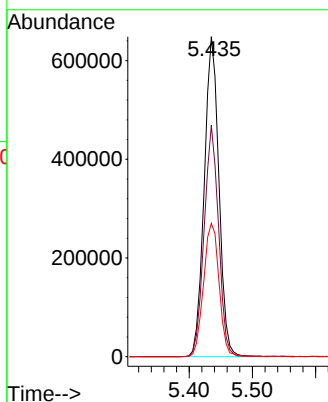
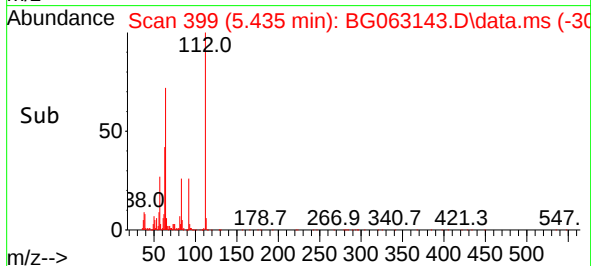
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:112 Resp: 104171
Ion Ratio Lower Upper
112 100
64 72.3 59.4 89.0
63 41.6 35.8 53.6

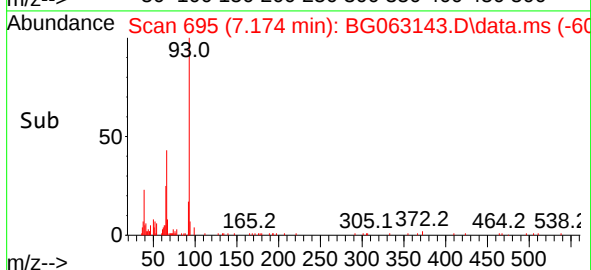
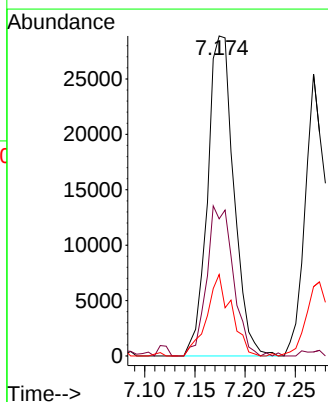
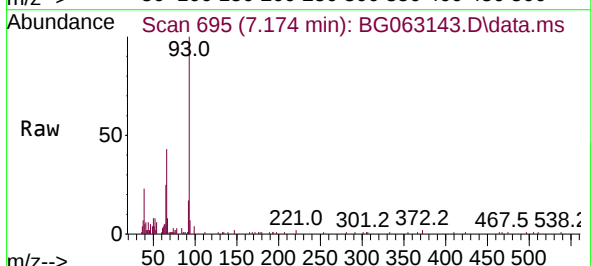
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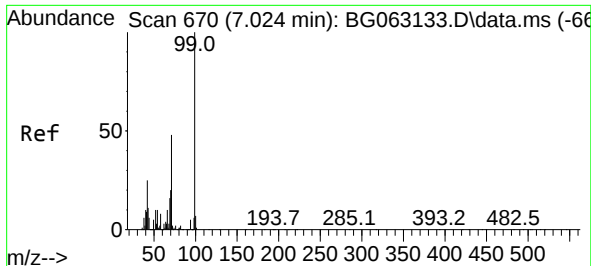
Reviewed By :Jagrut Upadhyay 11/04/2024
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#6
Aniline
Concen: 4.399 ng
RT: 7.174 min Scan# 695
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

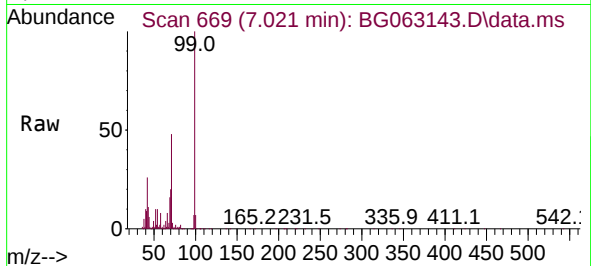
Tgt Ion: 93 Resp: 52693
Ion Ratio Lower Upper
93 100
66 42.8 37.8 56.8
65 25.4 16.1 24.1#





#7
Phenol-d6
Concen: 110.656 ng
RT: 7.021 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG063143.D
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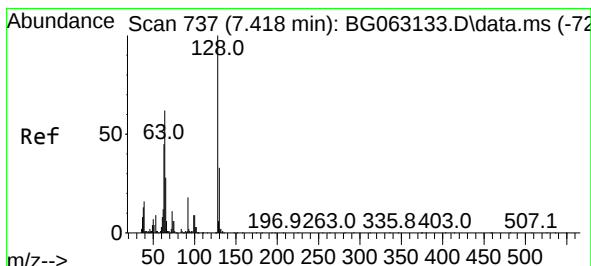
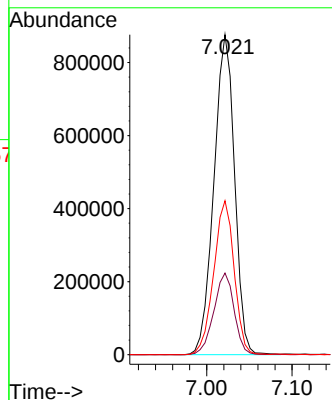
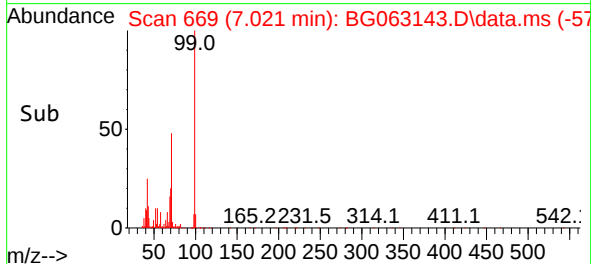
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 99 Resp: 1473994
Ion Ratio Lower Upper
99 100
42 25.5 20.0 30.0
71 48.1 38.2 57.4

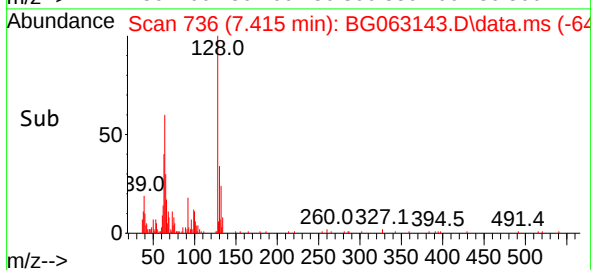
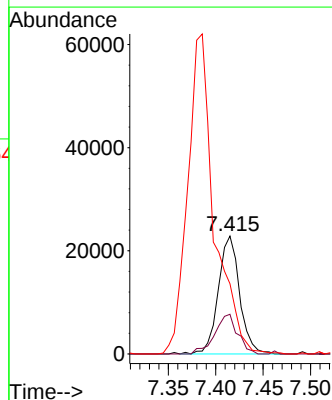
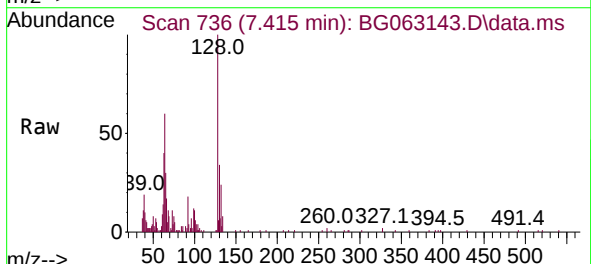
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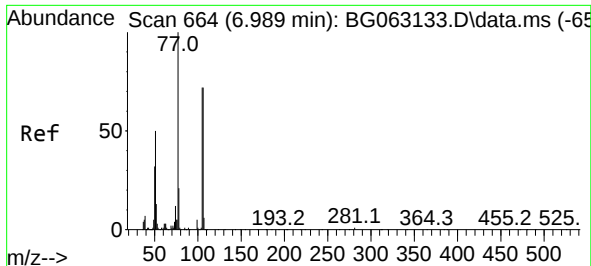
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#8
2-Chlorophenol
Concen: 3.793 ng
RT: 7.415 min Scan# 736
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:128 Resp: 35802
Ion Ratio Lower Upper
128 100
130 33.6 13.3 53.3
64 59.6 41.8 81.8





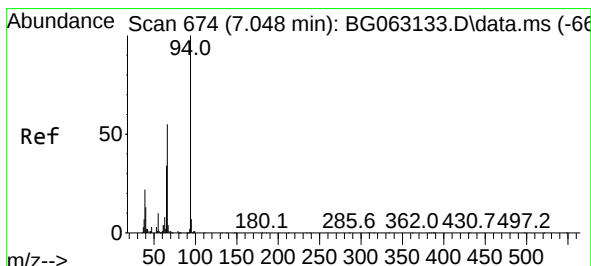
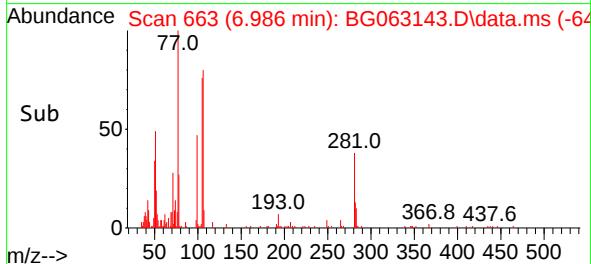
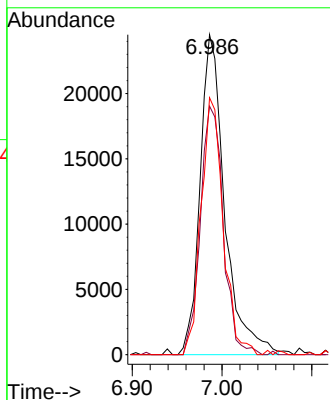
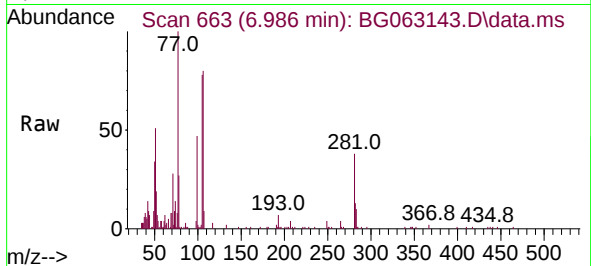
#9
Benzaldehyde
Concen: 5.645 ng
RT: 6.986 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 77 Resp: 4672
Ion Ratio Lower Upper
77 100
105 77.6 52.2 92.2
106 80.3 52.2 92.2

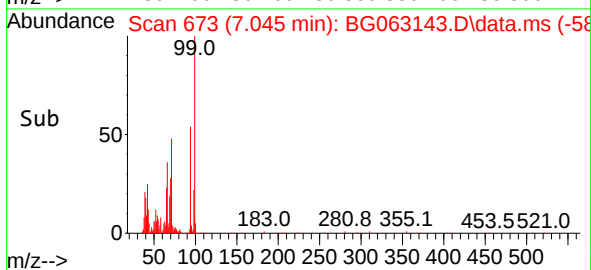
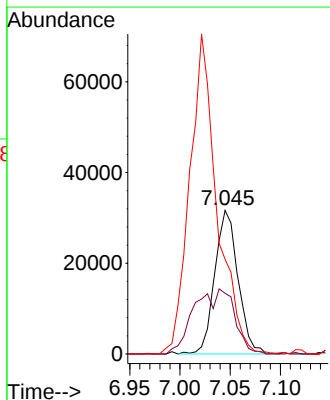
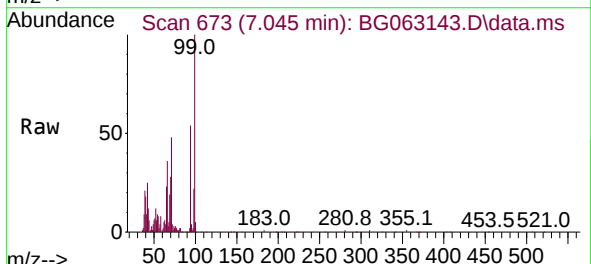
Manual Integrations
APPROVED

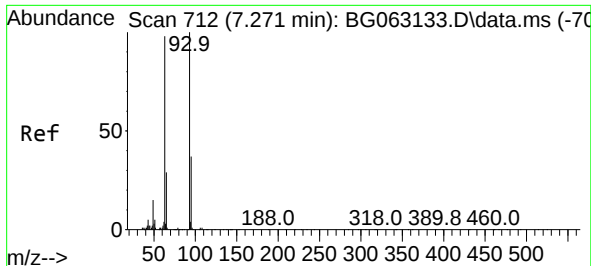
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#10
Phenol
Concen: 3.570 ng
RT: 7.045 min Scan# 673
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

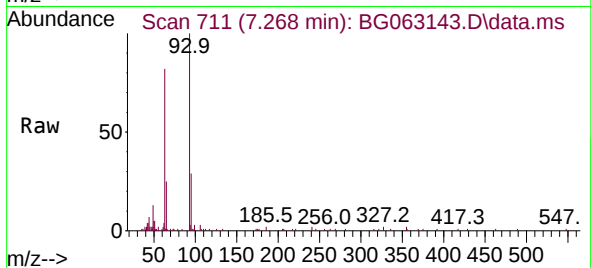
Tgt Ion: 94 Resp: 50948
Ion Ratio Lower Upper
94 100
65 42.3 14.2 54.2
66 66.0 36.2 76.2





#11
bis(2-Chloroethyl)ether
Concen: 3.903 ng
RT: 7.268 min Scan# 712
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

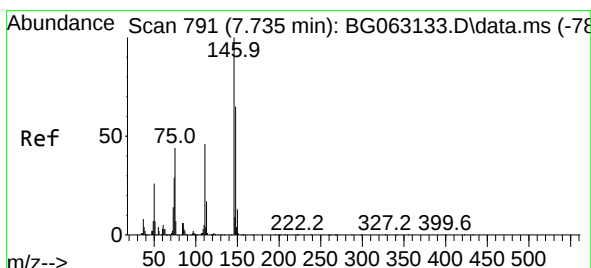
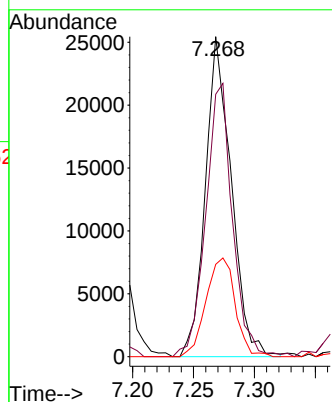
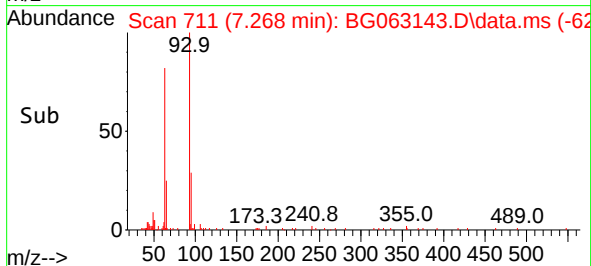
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 93 Resp: 37569
Ion Ratio Lower Upper
93 100
63 82.0 77.5 117.5
95 28.8 16.5 56.5

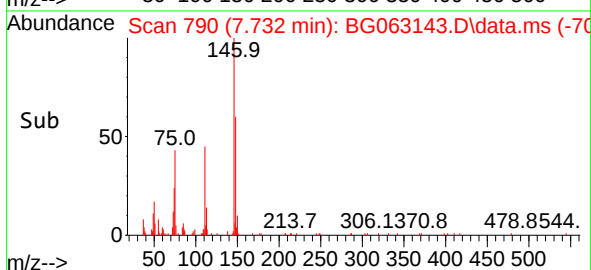
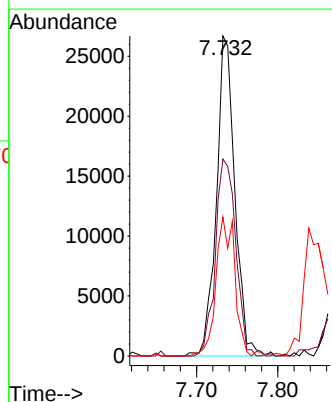
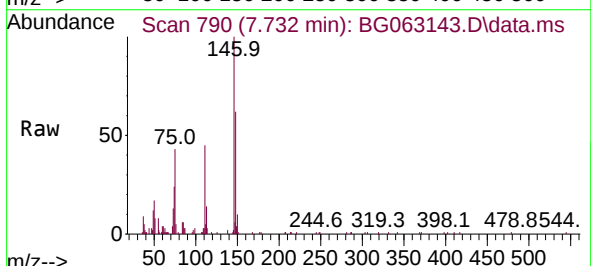
Manual Integrations
APPROVED

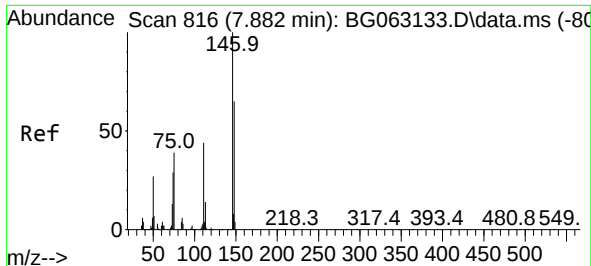
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#12
1,3-Dichlorobenzene
Concen: 3.686 ng
RT: 7.732 min Scan# 790
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

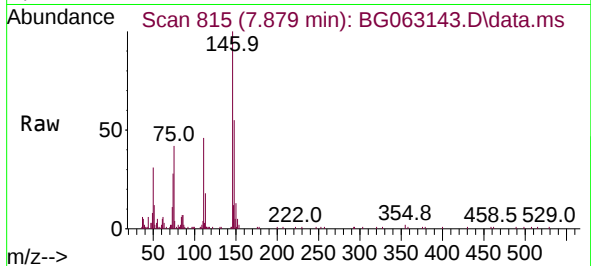
Tgt Ion:146 Resp: 42212
Ion Ratio Lower Upper
146 100
148 61.6 51.7 77.5
75 43.3 35.7 53.5





#13
1,4-Dichlorobenzene
Concen: 3.264 ng
RT: 7.879 min Scan# 816
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

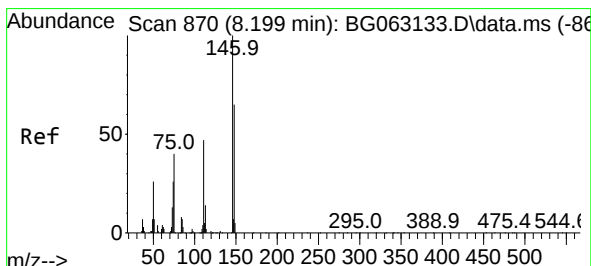
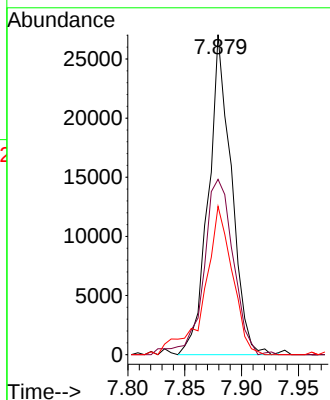
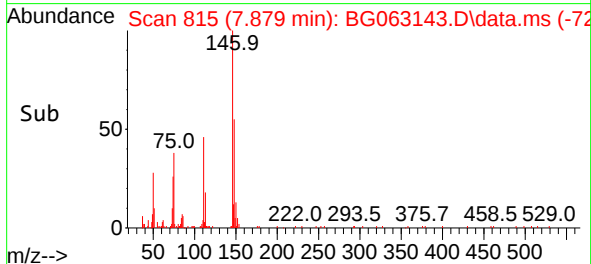
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



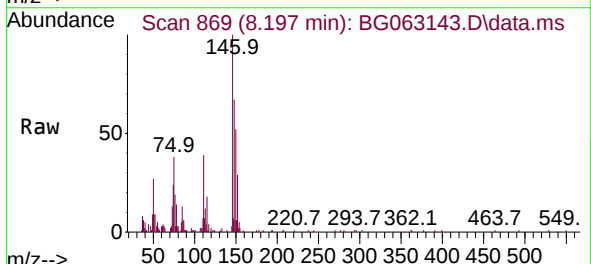
Tgt Ion:146 Resp: 3811
Ion Ratio Lower Upper
146 100
148 54.8 52.3 78.5
111 46.3 35.8 53.6

Manual Integrations
APPROVED

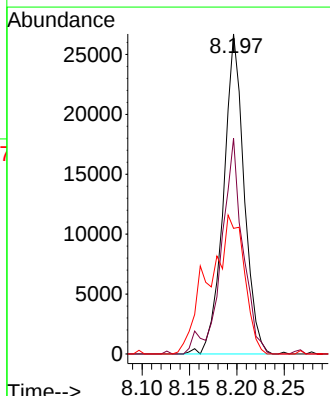
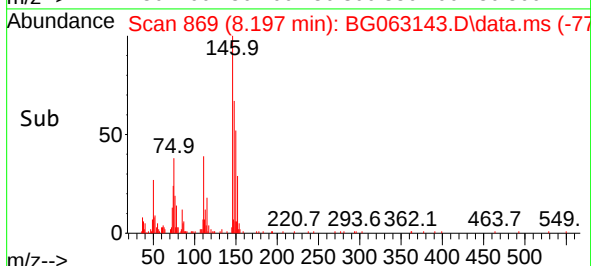
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

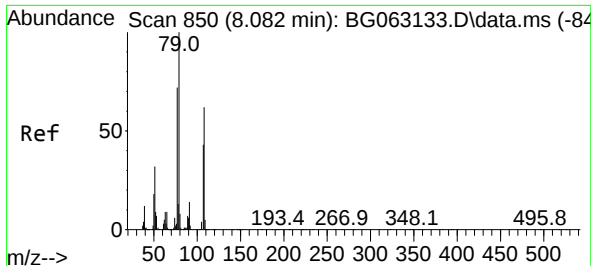


#14
1,2-Dichlorobenzene
Concen: 3.581 ng
RT: 8.197 min Scan# 869
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



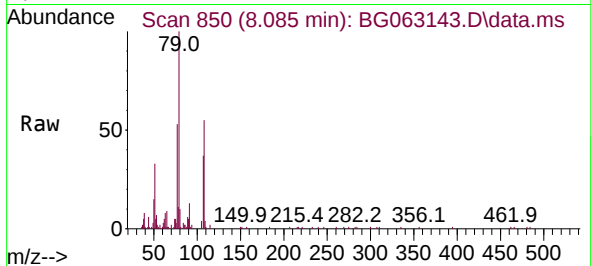
Tgt Ion:146 Resp: 40303
Ion Ratio Lower Upper
146 100
148 67.4 52.3 78.5
111 39.2 38.5 57.7





#15
Benzyl Alcohol
Concen: 3.967 ng
RT: 8.085 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

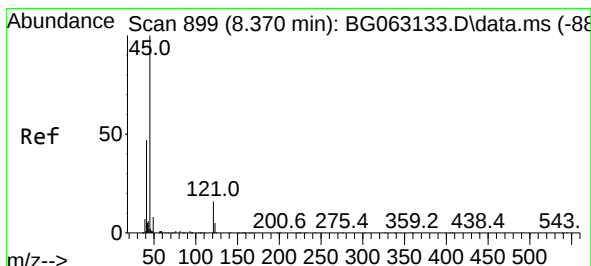
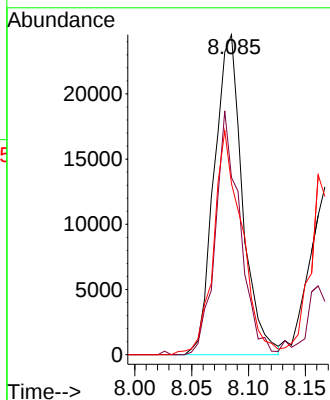
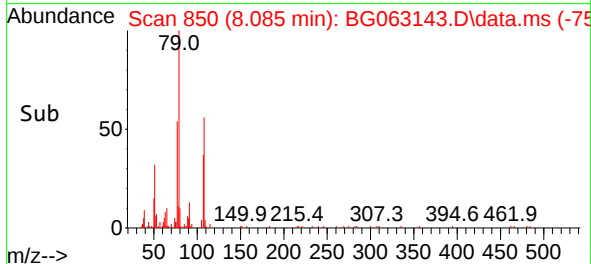
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



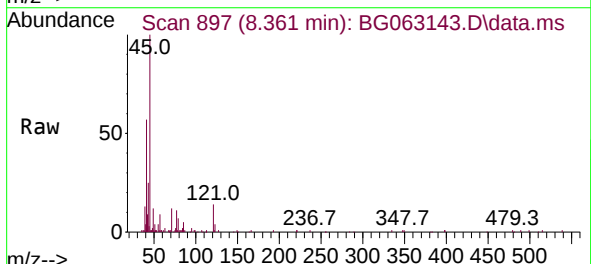
Tgt Ion: 79 Resp: 4246
Ion Ratio Lower Upper
79 100
108 55.4 49.5 74.3
77 53.5 57.6 86.4

Manual Integrations
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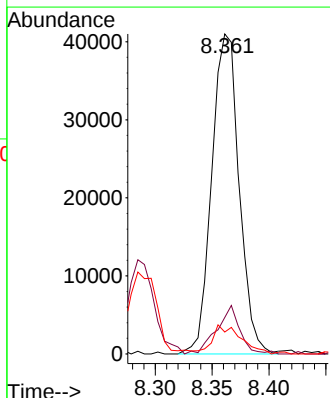
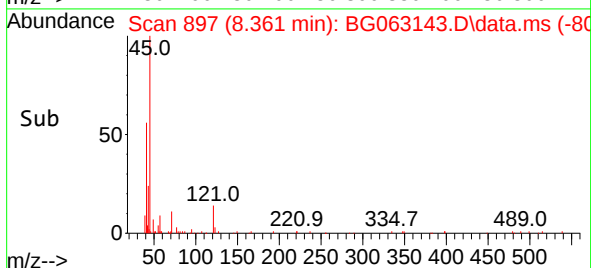
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

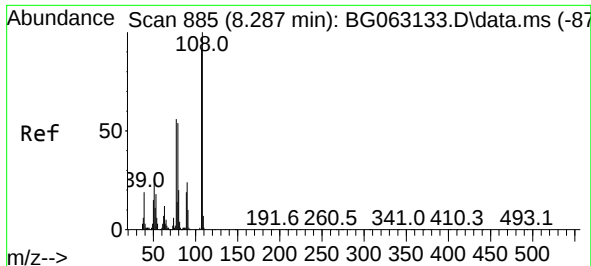


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.942 ng
RT: 8.361 min Scan# 897
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



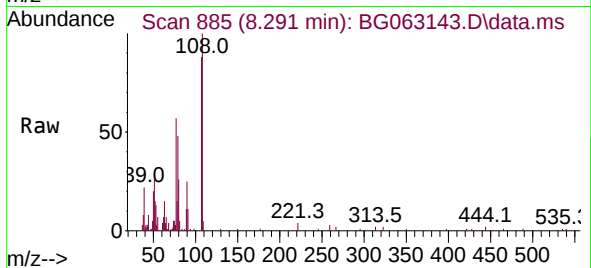
Tgt Ion: 45 Resp: 68822
Ion Ratio Lower Upper
45 100
77 11.4 0.0 32.4
79 6.8 0.0 29.7





#17
2-Methylphenol
Concen: 3.321 ng
RT: 8.291 min Scan# 885
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

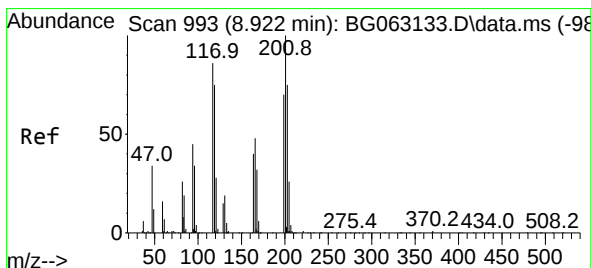
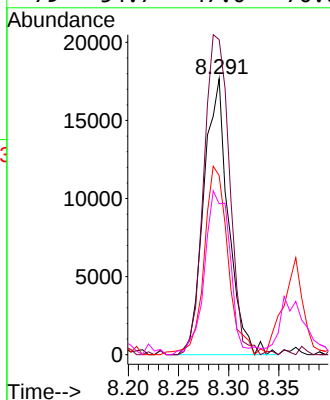
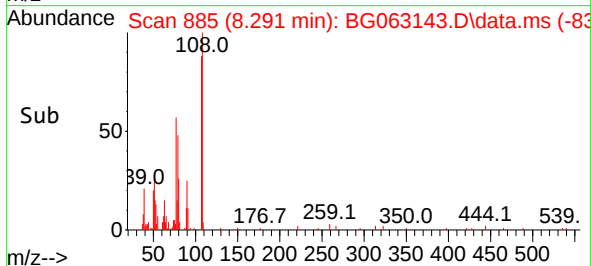
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.1	87.1	130.7
77	64.8	48.9	73.3
79	54.7	47.0	70.6

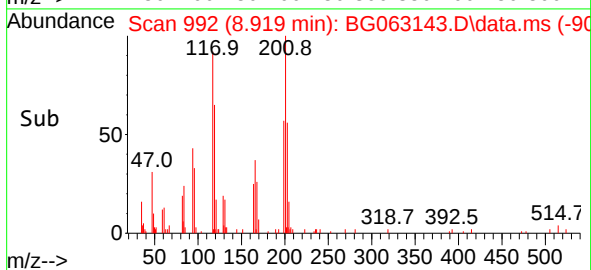
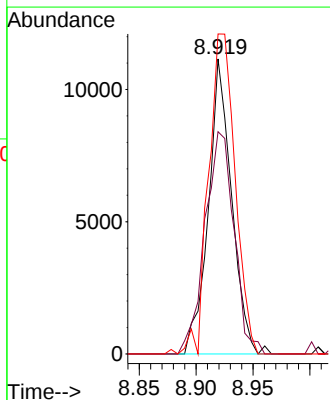
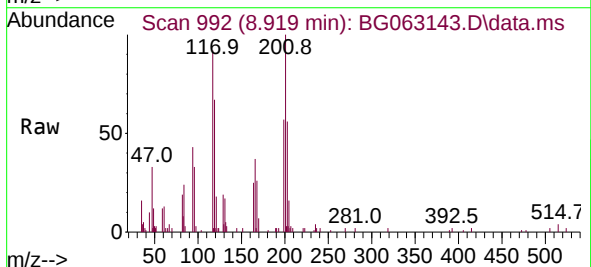
Manual Integrations
APPROVED

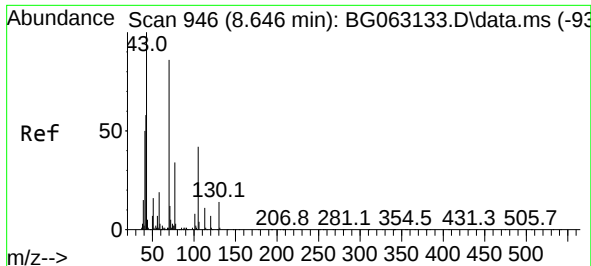
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#18
Hexachloroethane
Concen: 3.798 ng
RT: 8.919 min Scan# 992
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

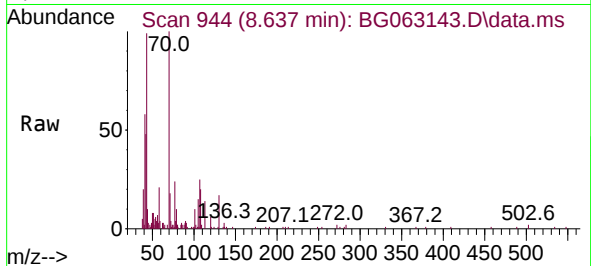
Tgt Ion	Ratio	Lower	Upper
117	100		
119	75.3	69.7	104.5
201	108.5	92.6	138.8





#19
n-Nitroso-di-n-propylamine
Concen: 3.855 ng
RT: 8.637 min Scan# 946
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

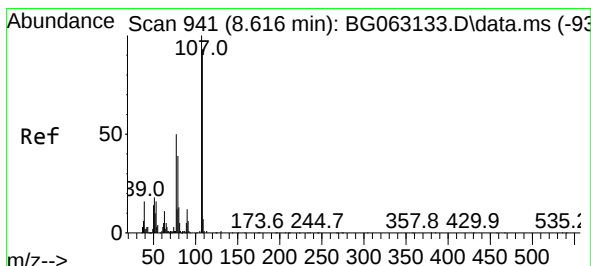
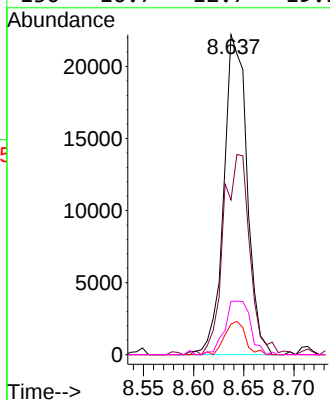
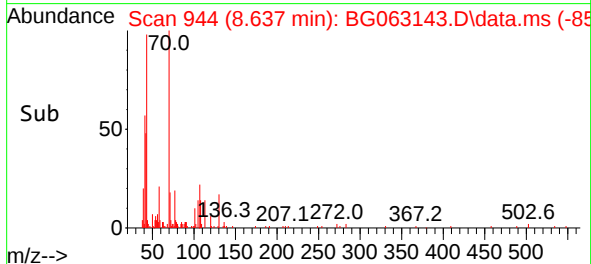
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



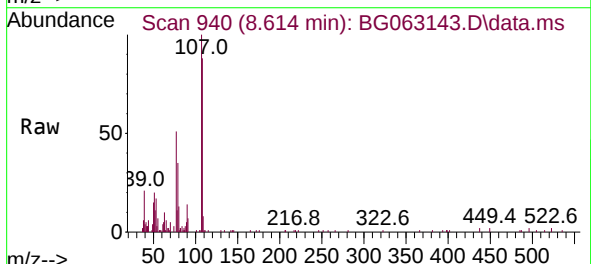
Tgt Ion: 70 Resp: 3576
Ion Ratio Lower Upper
70 100
42 48.4 54.2 81.2
101 9.6 7.7 11.5
130 16.7 12.7 19.1

Manual Integrations
APPROVED

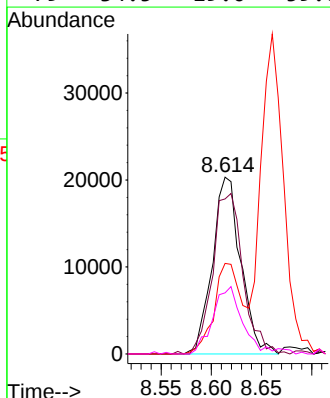
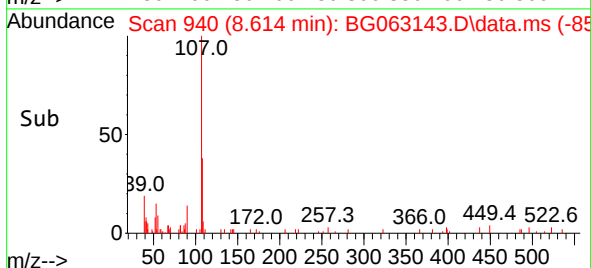
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

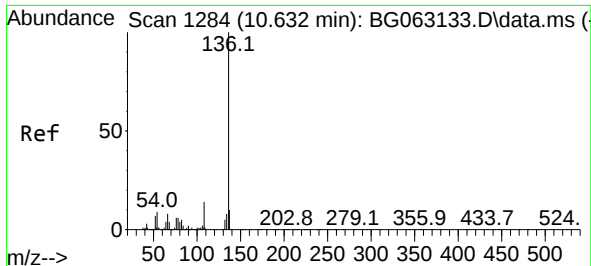


#20
3+4-Methylphenols
Concen: 3.303 ng
RT: 8.614 min Scan# 940
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



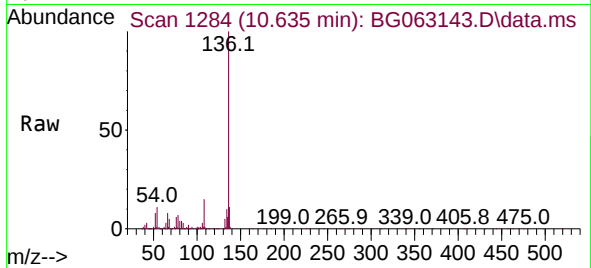
Tgt Ion:107 Resp: 39984
Ion Ratio Lower Upper
107 100
108 87.7 73.1 113.1
77 51.2 30.2 70.2
79 34.5 19.0 59.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.635 min Scan# 1284
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

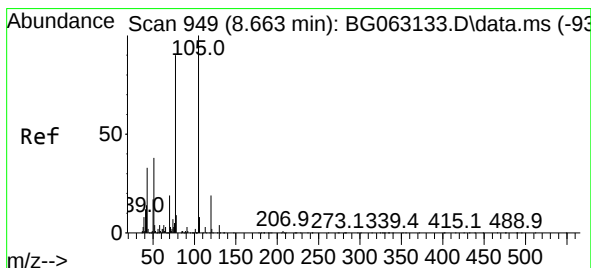
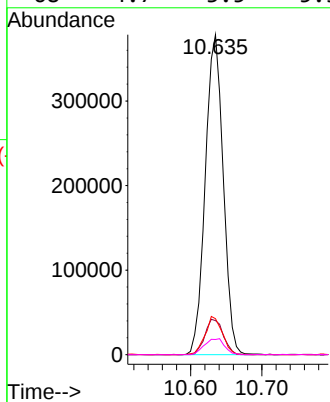
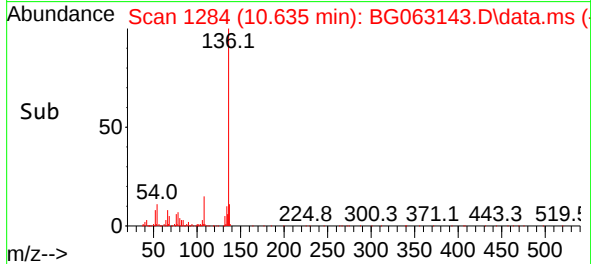
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:136 Resp: 662569
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 11.3 7.3 10.9
68 4.7 3.5 5.3

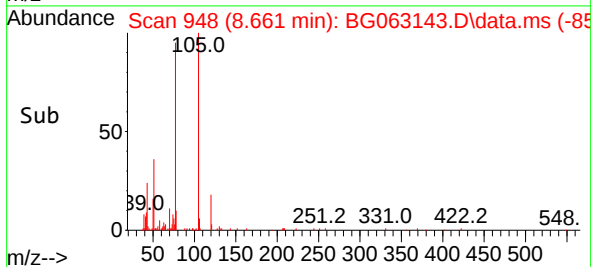
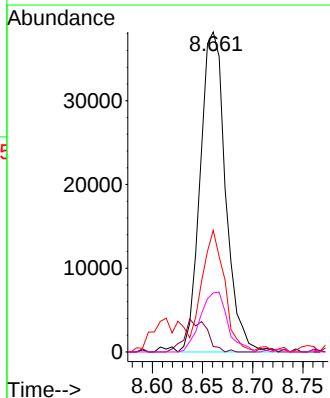
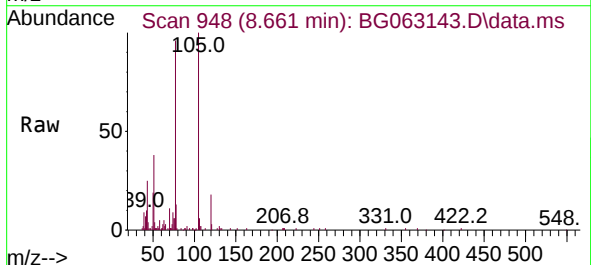
Manual Integrations
APPROVED

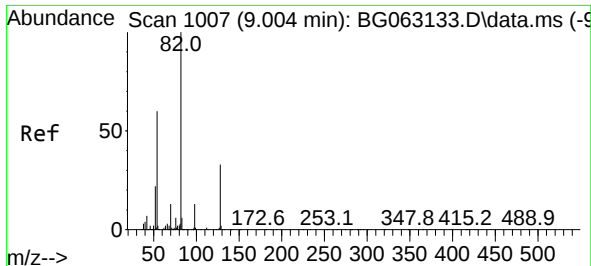
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#22
Acetophenone
Concen: 3.786 ng
RT: 8.661 min Scan# 948
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:105 Resp: 67225
Ion Ratio Lower Upper
105 100
71 1.7 2.3 3.5
51 38.0 30.5 45.7
120 18.5 15.4 23.2





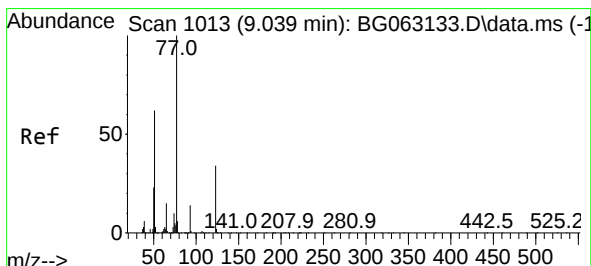
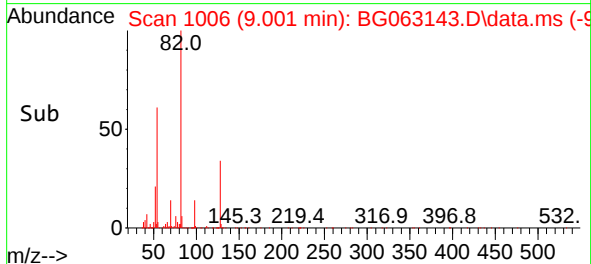
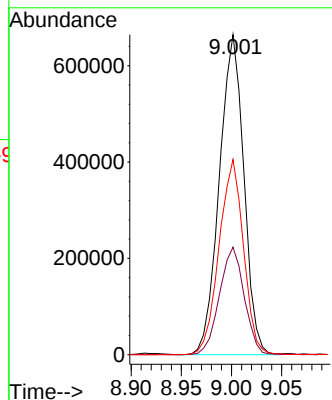
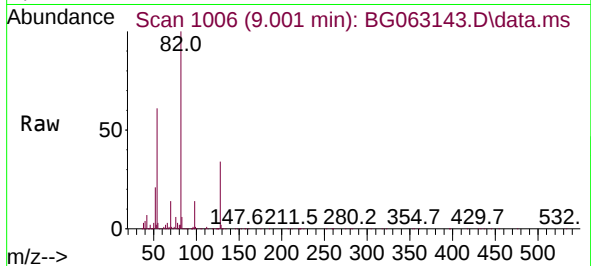
#23
Nitrobenzene-d5
Concen: 73.882 ng
RT: 9.001 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 82 Resp: 1125510
Ion Ratio Lower Upper
82 100
128 33.6 26.6 39.8
54 61.0 47.8 71.8

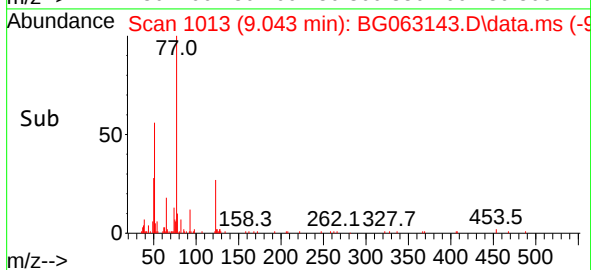
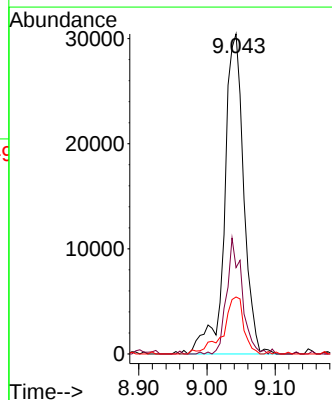
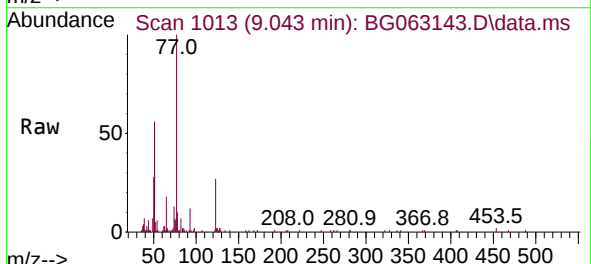
Manual Integrations
APPROVED

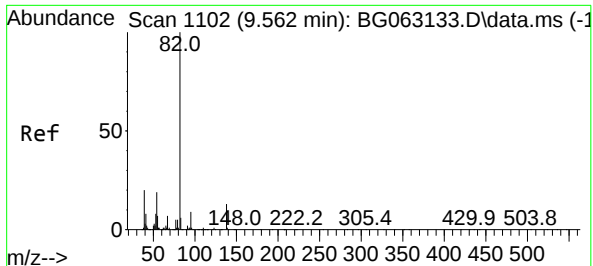
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#24
Nitrobenzene
Concen: 3.617 ng
RT: 9.043 min Scan# 1013
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

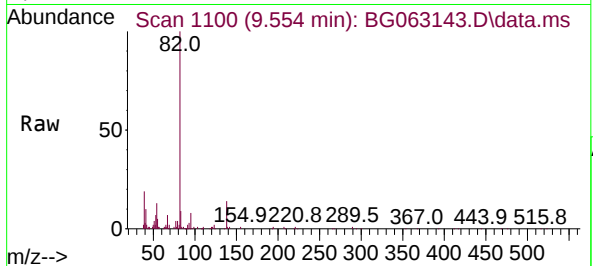
Tgt Ion: 77 Resp: 59589
Ion Ratio Lower Upper
77 100
123 27.0 26.9 40.3
65 17.8 12.3 18.5





#25
Isophorone
Concen: 3.760 ng
RT: 9.554 min Scan# 1100
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

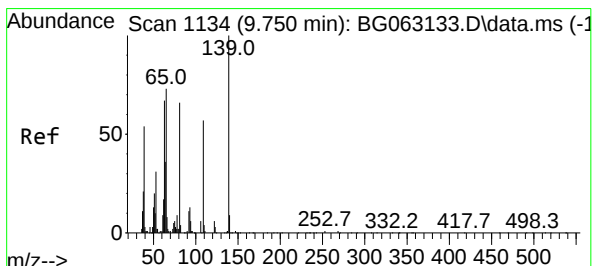
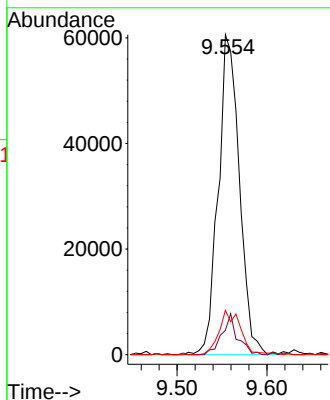
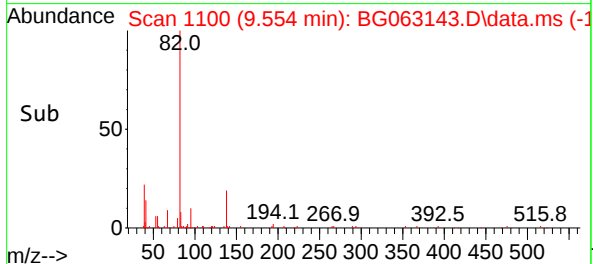
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 82 Resp: 9908
Ion Ratio Lower Upper
82 100
95 7.6 7.4 11.0
138 13.9 10.3 15.5

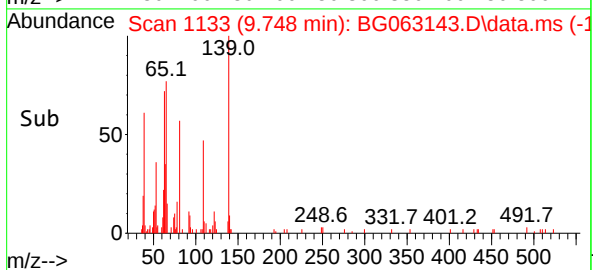
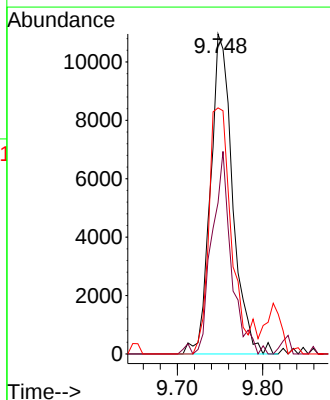
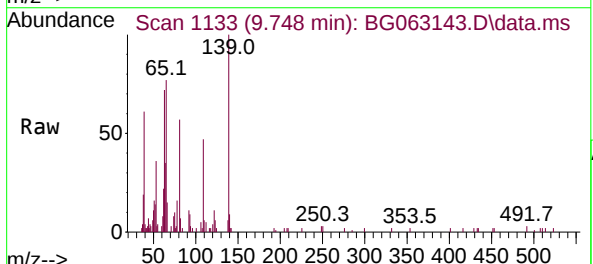
Manual Integrations
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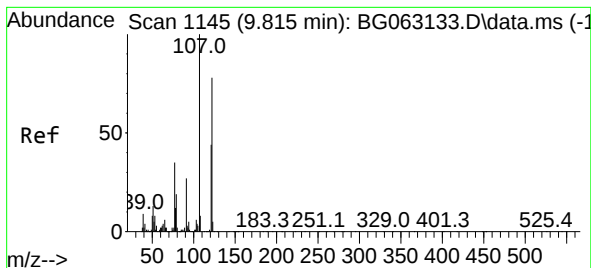
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#26
2-Nitrophenol
Concen: 3.263 ng
RT: 9.748 min Scan# 1133
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

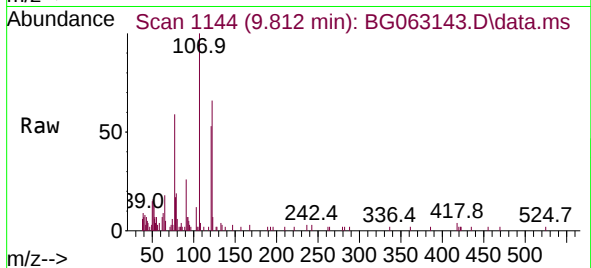
Tgt Ion:139 Resp: 19766
Ion Ratio Lower Upper
139 100
109 47.2 45.4 68.0
65 76.9 58.4 87.6





#27
2,4-Dimethylphenol
Concen: 1.745 ng
RT: 9.812 min Scan# 1144
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

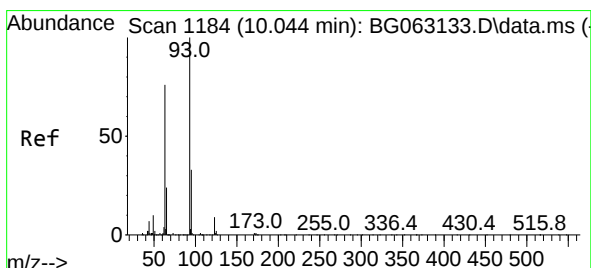
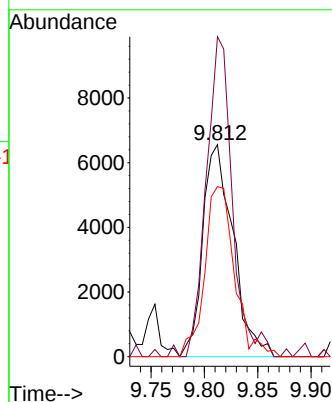
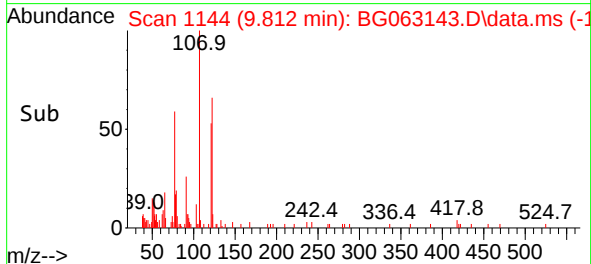
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion:122 Resp: 12990
Ion Ratio Lower Upper
122 100
107 151.0 101.8 152.6
121 80.2 45.2 67.8

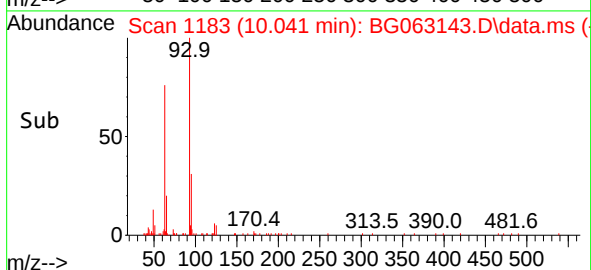
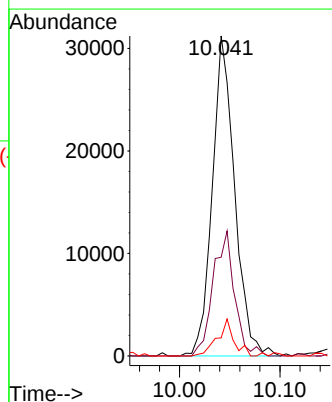
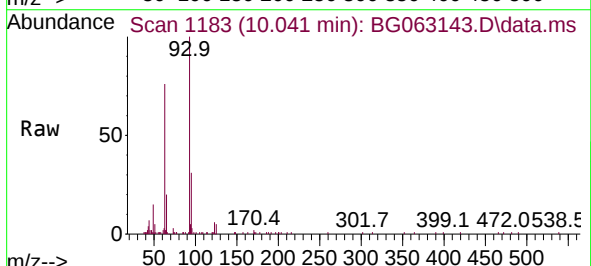
Manual Integrations
APPROVED

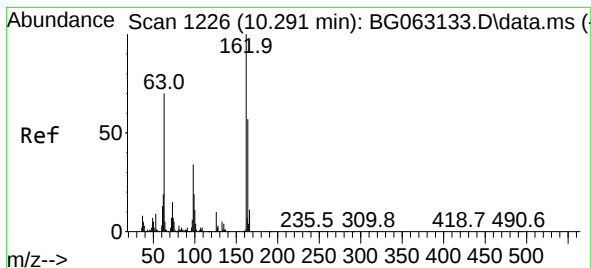
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.496 ng
RT: 10.041 min Scan# 1183
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

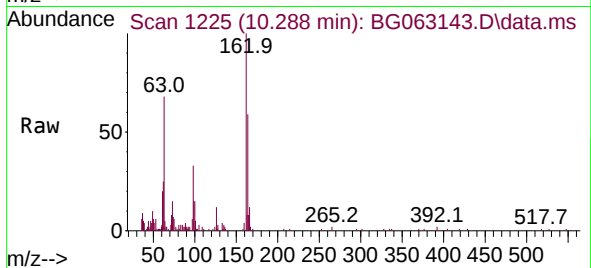
Tgt Ion: 93 Resp: 48301
Ion Ratio Lower Upper
93 100
95 30.9 26.1 39.1
123 5.7 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 3.406 ng
RT: 10.288 min Scan# 1225
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

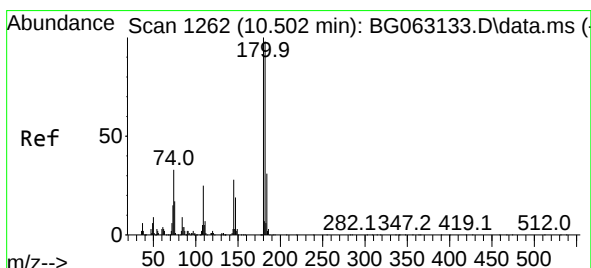
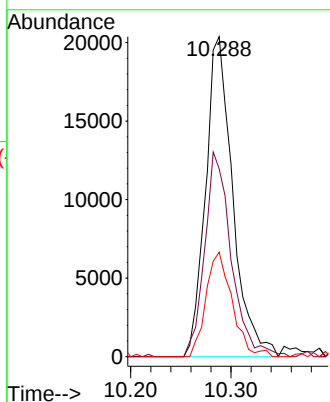
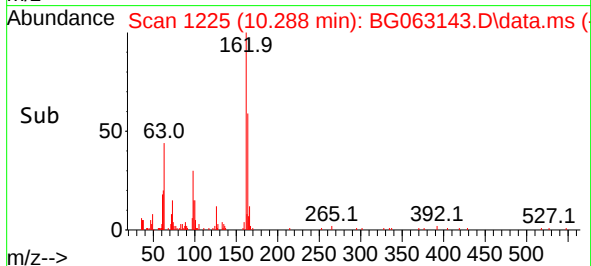
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



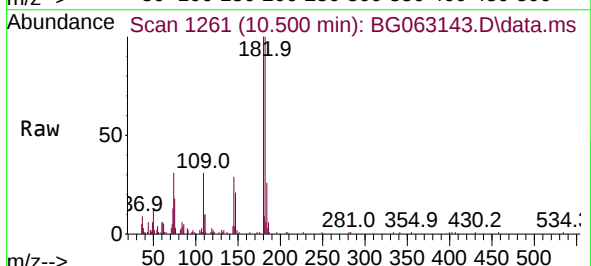
Tgt Ion:162 Resp: 3831
Ion Ratio Lower Upper
162 100
164 58.7 37.2 77.2
98 32.7 14.0 54.0

Manual Integrations
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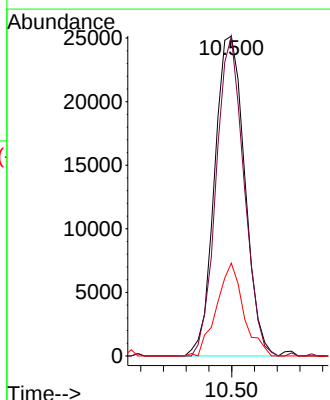
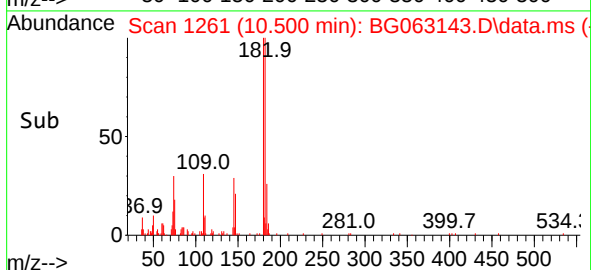
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

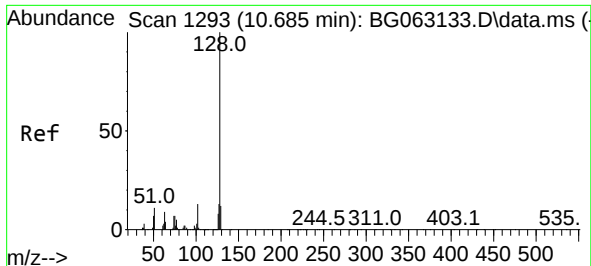


#30
1,2,4-Trichlorobenzene
Concen: 3.339 ng
RT: 10.500 min Scan# 1261
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



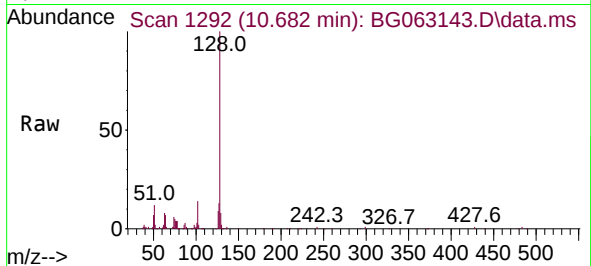
Tgt Ion:180 Resp: 46197
Ion Ratio Lower Upper
180 100
182 99.9 78.5 117.7
145 29.0 22.6 34.0





#31
Naphthalene
Concen: 3.541 ng
RT: 10.682 min Scan# 1165
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

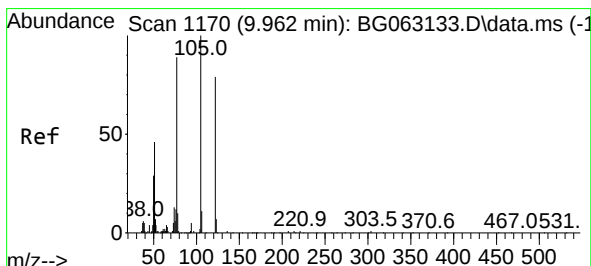
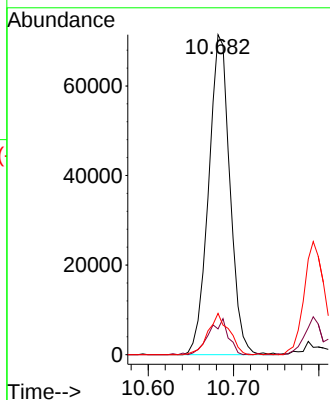
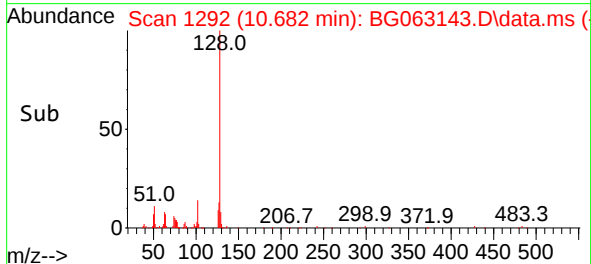
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion:128 Resp: 123754
Ion Ratio Lower Upper
128 100
129 8.1 9.5 14.3
127 12.9 10.7 16.1

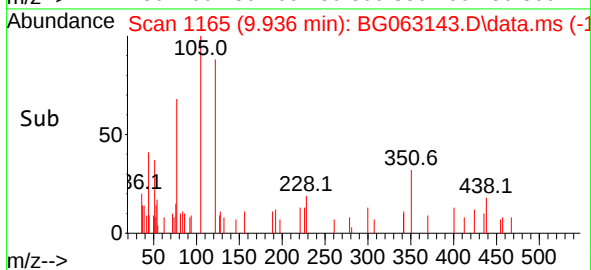
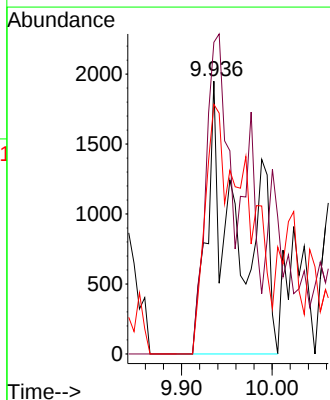
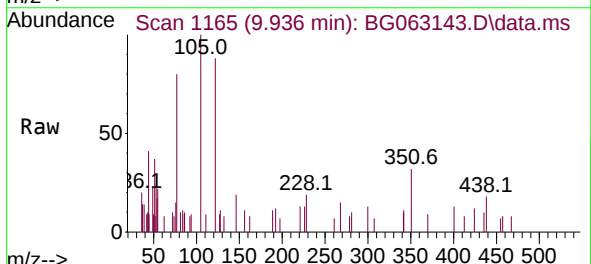
Manual Integrations
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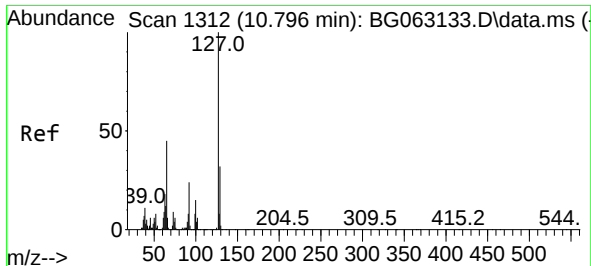
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#32
Benzoic acid
Concen: 0.714 ng m
RT: 9.936 min Scan# 1165
Delta R.T. -0.026 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

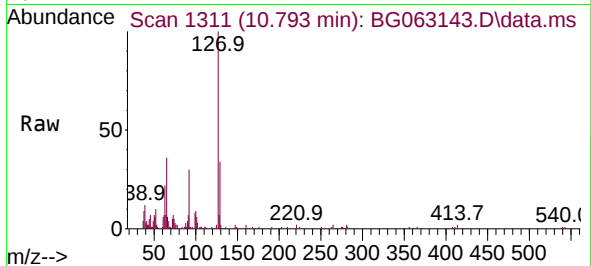
Tgt Ion:122 Resp: 4635
Ion Ratio Lower Upper
122 100
105 114.3 105.2 145.2
77 91.5 93.0 133.0#





#33
4-Chloroaniline
Concen: 3.938 ng
RT: 10.793 min Scan# 1312
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

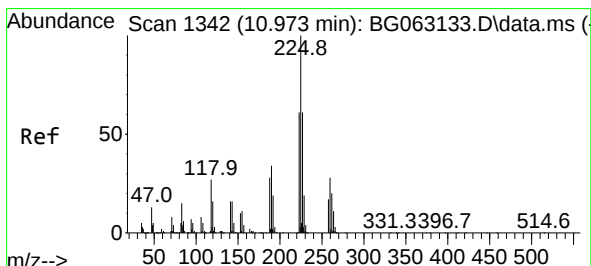
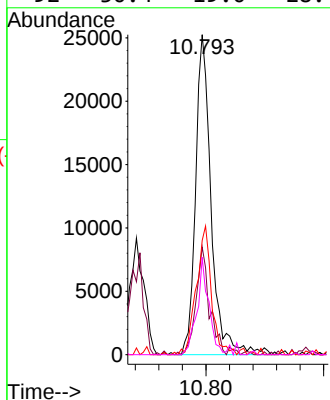
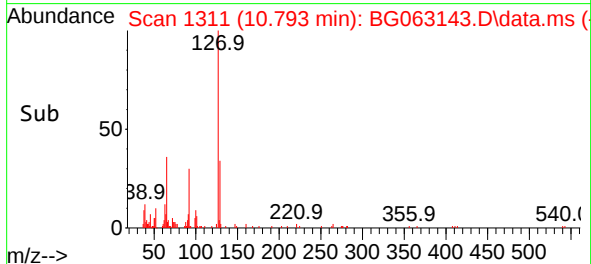
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:127 Resp: 46448
Ion Ratio Lower Upper
127 100
129 33.6 25.6 38.4
65 35.7 36.4 54.6
92 30.4 19.0 28.4#

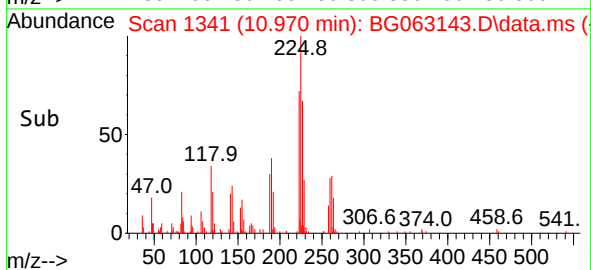
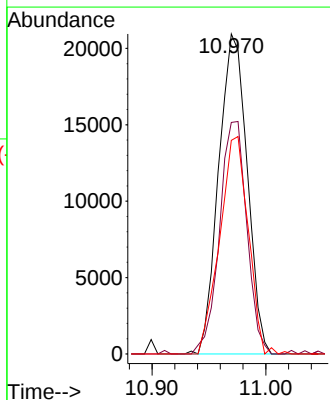
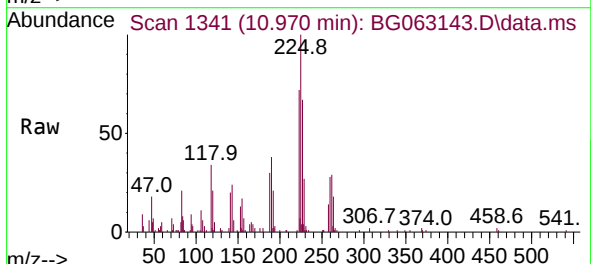
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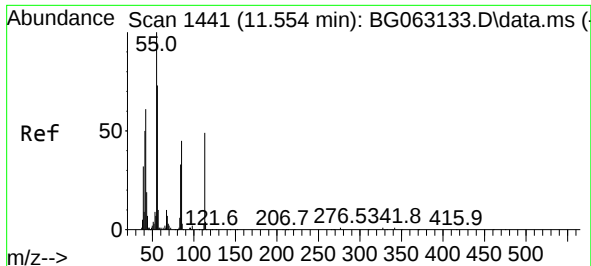
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#34
Hexachlorobutadiene
Concen: 3.201 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

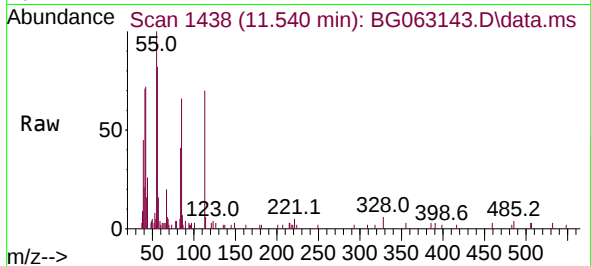
Tgt Ion:225 Resp: 36453
Ion Ratio Lower Upper
225 100
223 72.3 46.2 69.4#
227 70.9 46.2 69.4#





#35
Caprolactam
Concen: 3.454 ng
RT: 11.540 min Scan# 1441
Delta R.T. -0.014 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

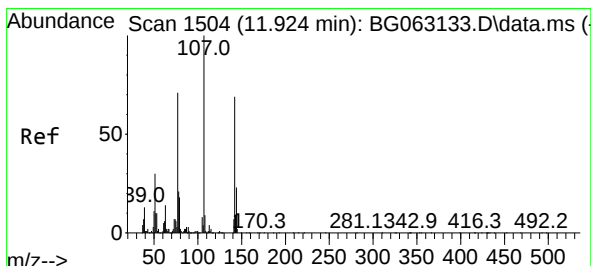
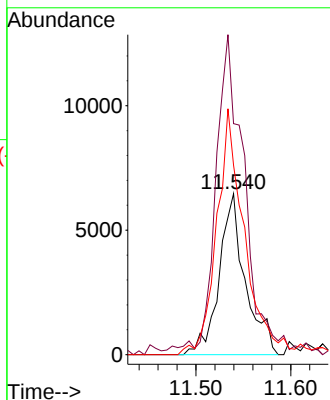
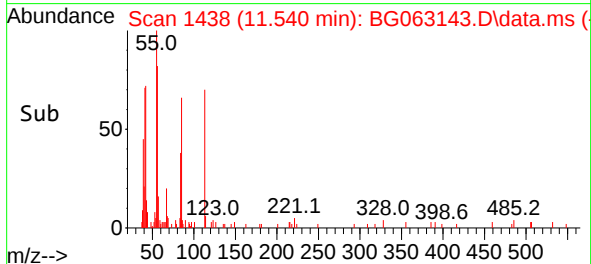
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:113 Resp: 12409
Ion Ratio Lower Upper
113 100
55 143.5 187.0 227.0
56 117.7 130.9 170.9

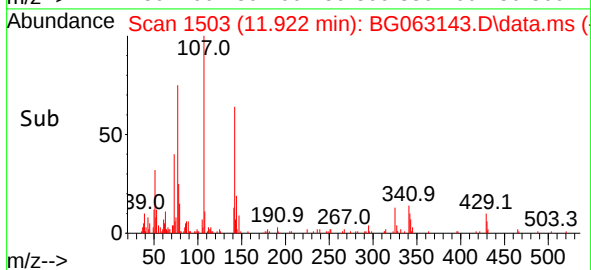
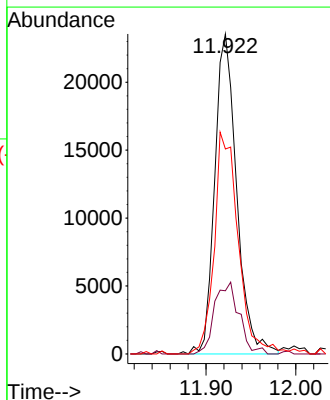
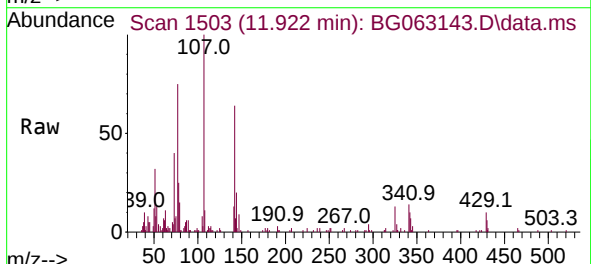
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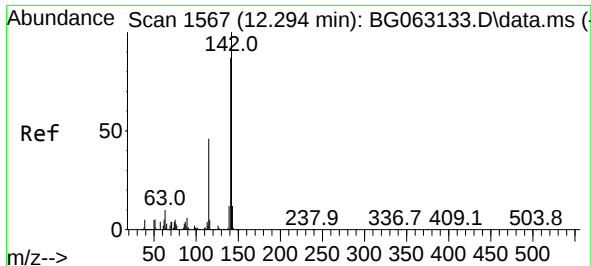
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#36
4-Chloro-3-methylphenol
Concen: 3.088 ng
RT: 11.922 min Scan# 1503
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:107 Resp: 40024
Ion Ratio Lower Upper
107 100
144 19.7 18.5 27.7
142 64.1 55.0 82.4





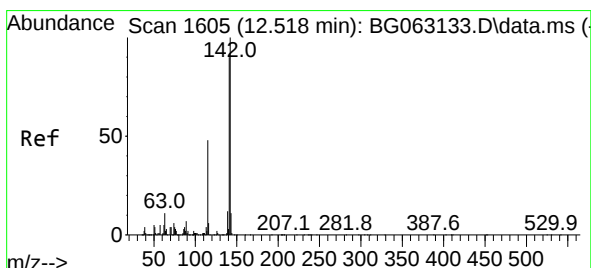
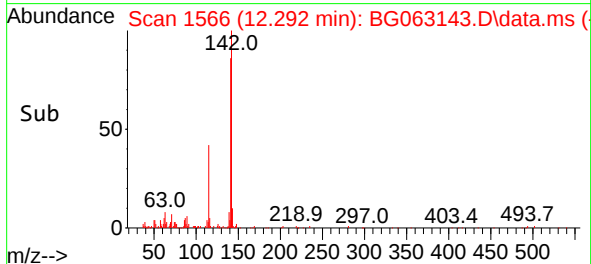
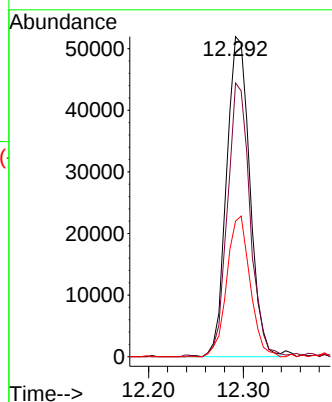
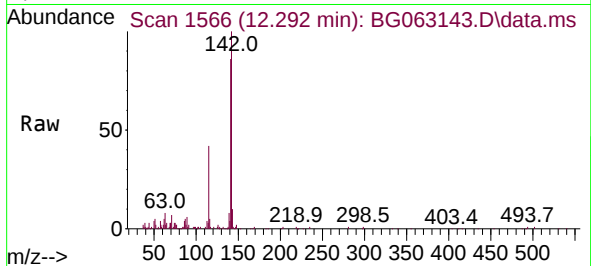
#37
2-Methylnaphthalene
Concen: 3.566 ng
RT: 12.292 min Scan# 1566
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:142 Resp: 8840
Ion Ratio Lower Upper
142 100
141 85.6 69.2 103.8
115 42.3 36.6 54.8

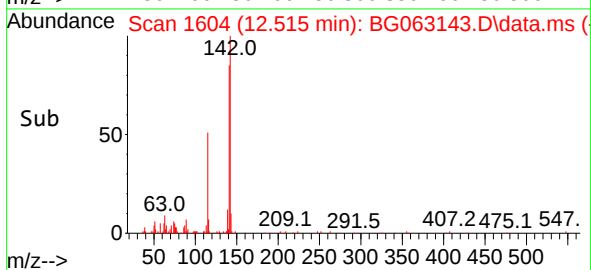
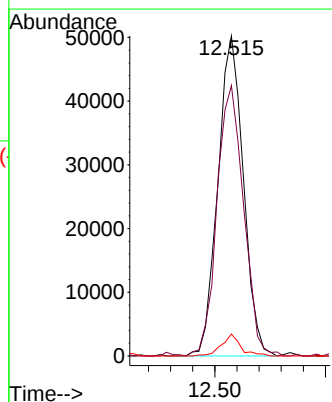
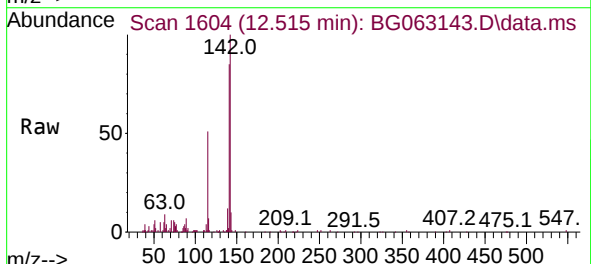
Manual Integrations
APPROVED

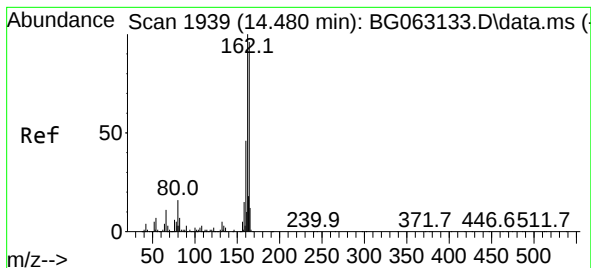
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#38
1-Methylnaphthalene
Concen: 3.283 ng m
RT: 12.515 min Scan# 1604
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:142 Resp: 80118
Ion Ratio Lower Upper
142 100
141 84.5 72.2 108.4
116 6.9 4.5 6.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.477 min Scan# 1939

Delta R.T. -0.003 min

Lab File: BG063143.D

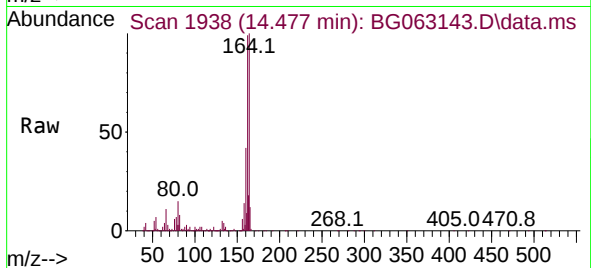
Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

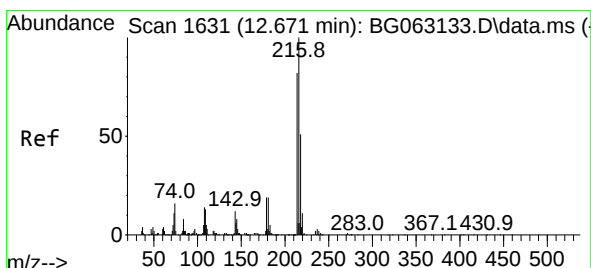
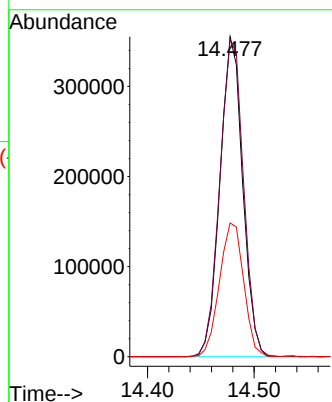


Tgt Ion:164 Resp: 52558

Ion	Ratio	Lower	Upper
164	100		
162	99.1	83.4	125.0
160	41.8	38.0	57.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.351 ng

RT: 12.668 min Scan# 1630

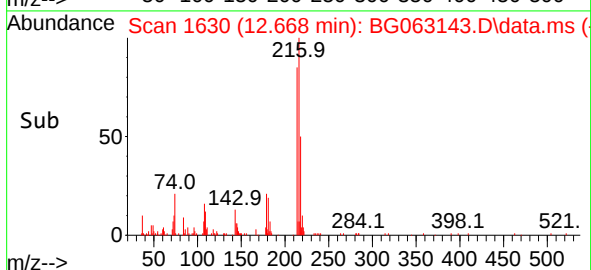
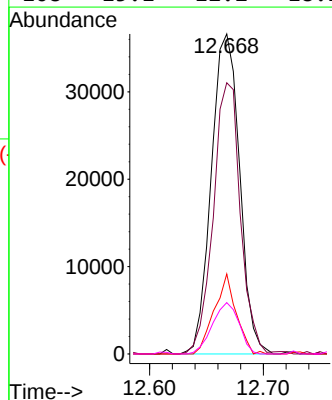
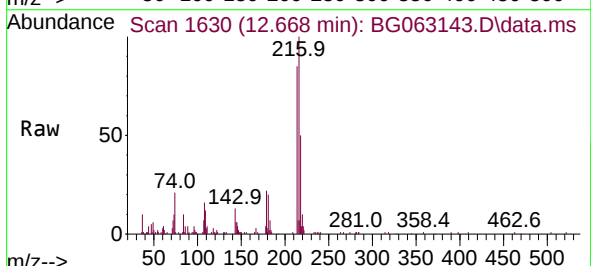
Delta R.T. -0.003 min

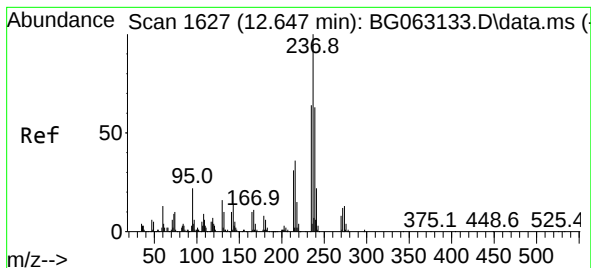
Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Tgt Ion:216 Resp: 63290

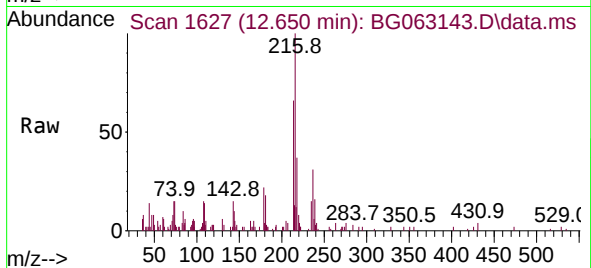
Ion	Ratio	Lower	Upper
216	100		
214	81.6	63.8	95.6
179	19.3	15.7	23.5
108	15.1	12.2	18.2





#41
Hexachlorocyclopentadiene
Concen: 0.967 ng
RT: 12.650 min Scan# 10
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

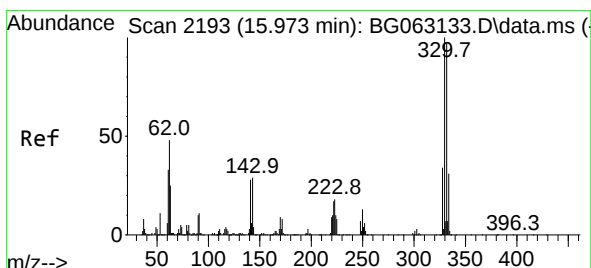
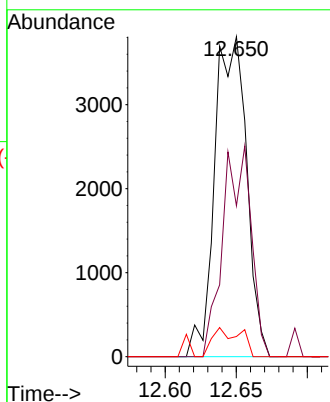
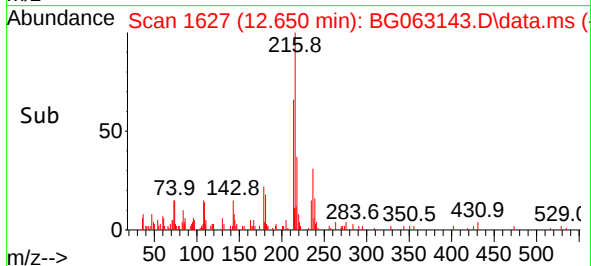
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 237 Resp: 593
Ion Ratio Lower Upper
237 100
235 47.2 43.8 83.8
272 6.3 0.0 32.4

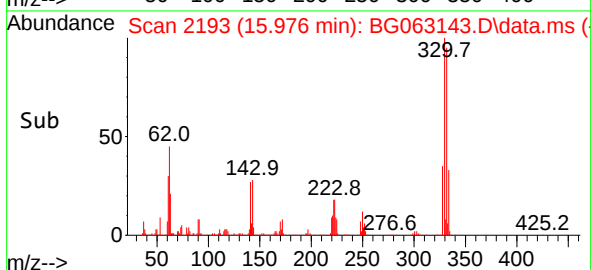
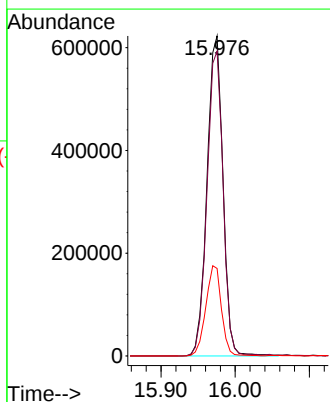
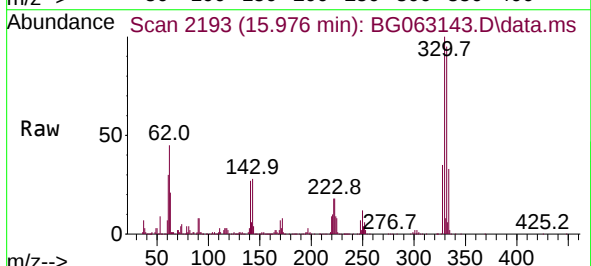
Manual Integrations
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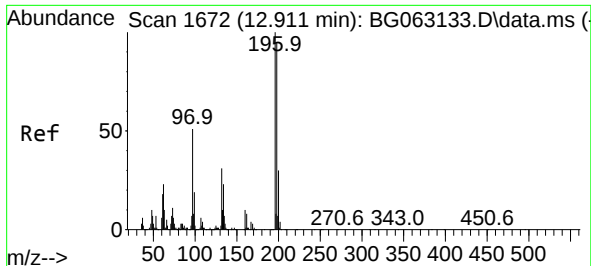
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#42
2,4,6-Tribromophenol
Concen: 104.321 ng
RT: 15.976 min Scan# 2193
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

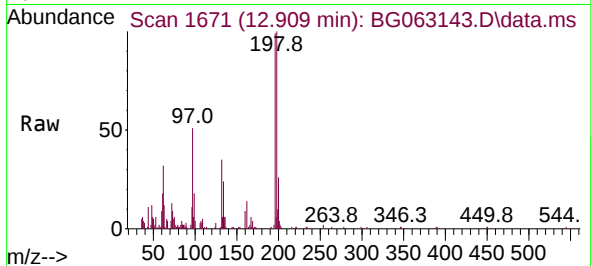
Tgt Ion: 330 Resp: 931355
Ion Ratio Lower Upper
330 100
332 95.6 78.6 117.8
141 27.7 22.6 34.0





#43
2,4,6-Trichlorophenol
Concen: 3.019 ng
RT: 12.909 min Scan# 1671
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

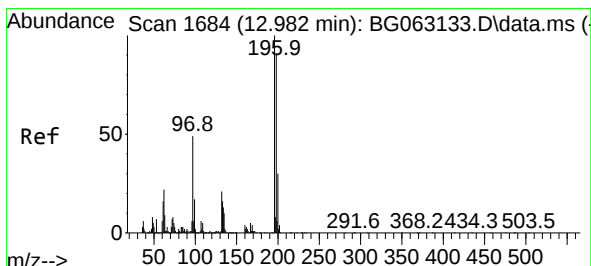
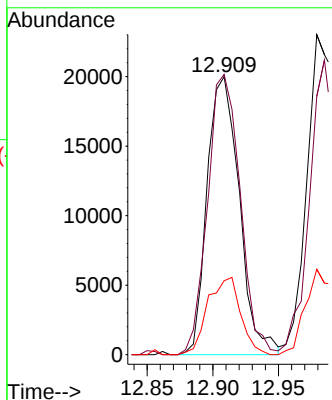
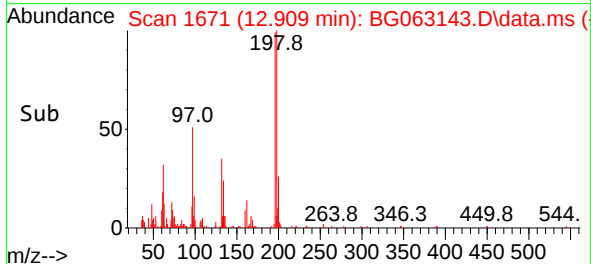
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:196 Resp: 3414
Ion Ratio Lower Upper
196 100
198 100.8 76.2 114.2
200 26.6 23.8 35.8

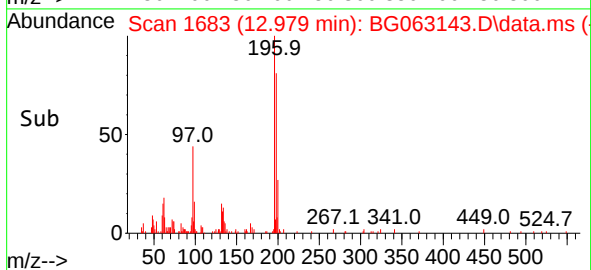
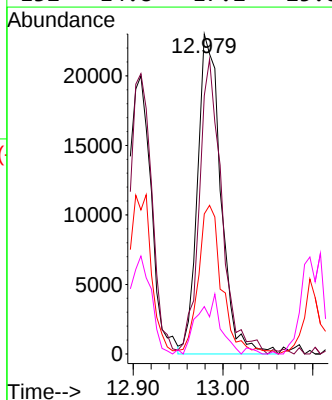
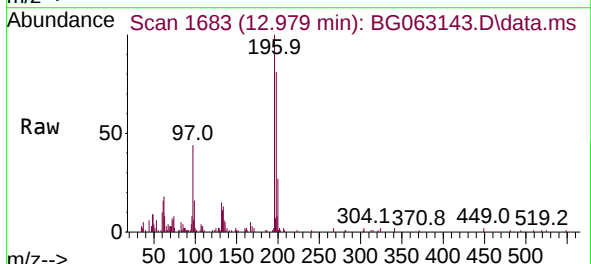
Manual Integrations
APPROVED

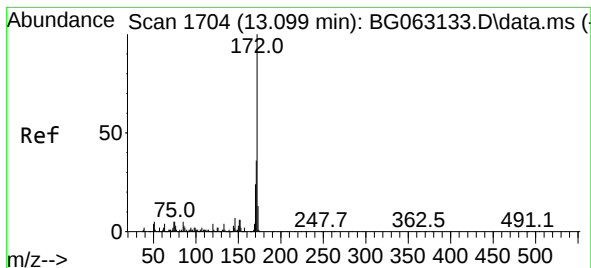
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#44
2,4,5-Trichlorophenol
Concen: 3.349 ng
RT: 12.979 min Scan# 1683
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

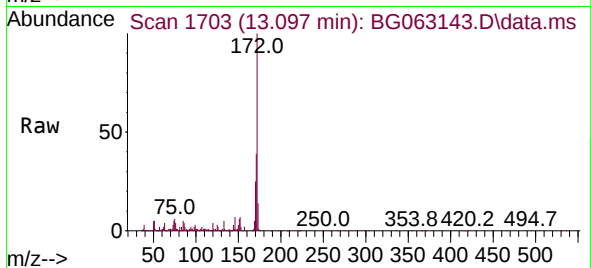
Tgt Ion:196 Resp: 41632
Ion Ratio Lower Upper
196 100
198 80.7 73.2 109.8
97 43.7 39.1 58.7
132 14.8 17.2 25.8#





#45
2-Fluorobiphenyl
Concen: 68.617 ng
RT: 13.097 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

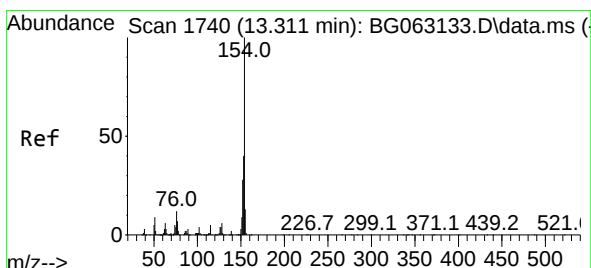
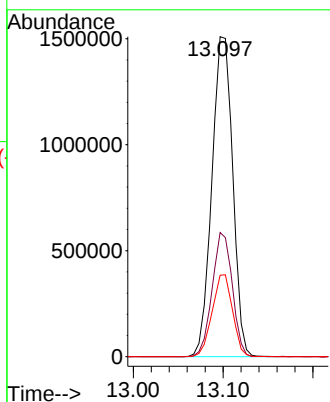
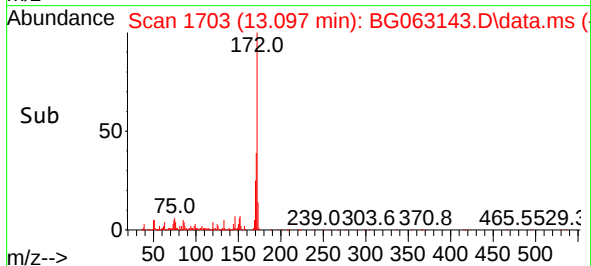
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



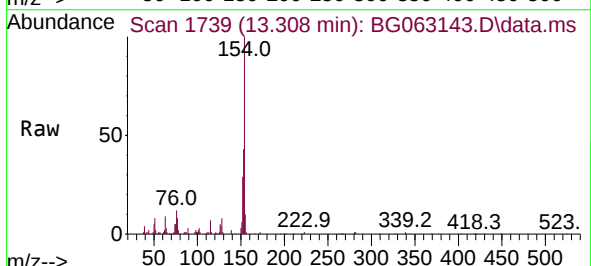
Tgt Ion:172 Resp: 2434909
Ion Ratio Lower Upper
172 100
171 38.8 28.6 42.8
170 25.5 19.4 29.2

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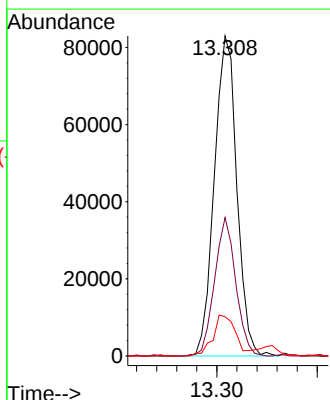
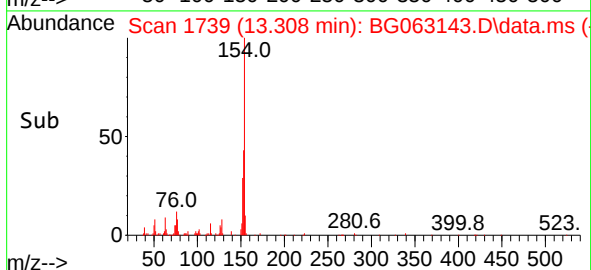
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

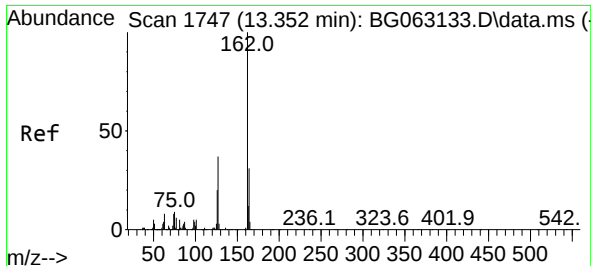


#46
1,1'-Biphenyl
Concen: 3.612 ng
RT: 13.308 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



Tgt Ion:154 Resp: 128844
Ion Ratio Lower Upper
154 100
153 43.2 20.3 60.3
76 12.2 0.0 32.5





#47

2-Chloronaphthalene

Concen: 3.249 ng

RT: 13.349 min Scan# 1746

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

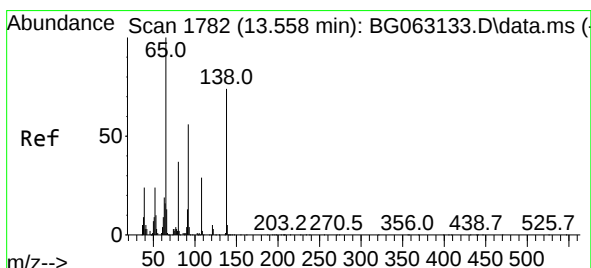
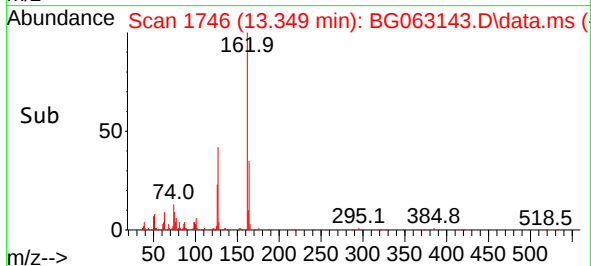
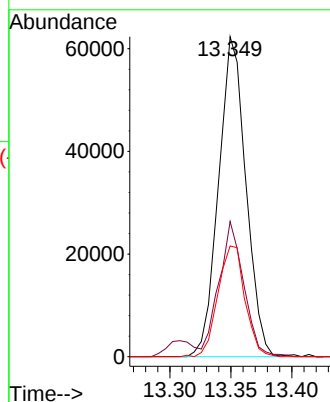
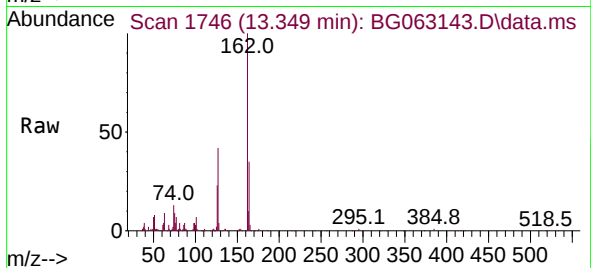
MDL-SOIL-03-QT4-2024

Tgt Ion:	162	Resp:	9707
Ion Ratio	Lower	Upper	
162	100		
127	42.3	30.3	45.5
164	34.6	24.6	36.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#48

2-Nitroaniline

Concen: 3.032 ng

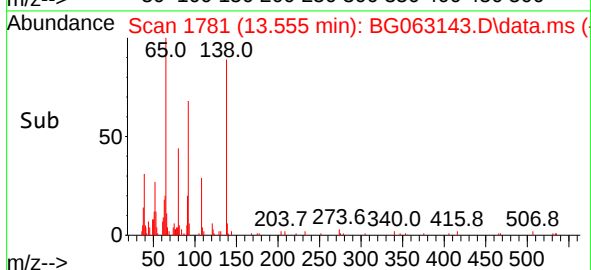
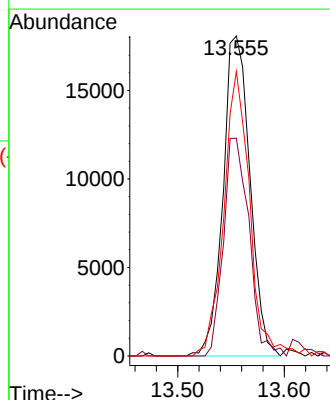
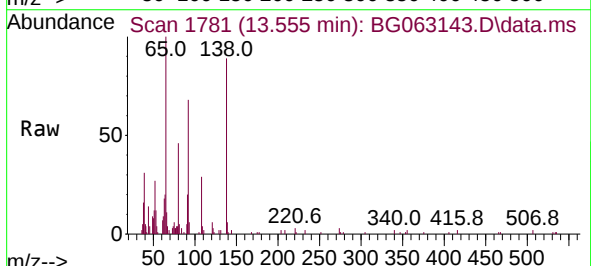
RT: 13.555 min Scan# 1781

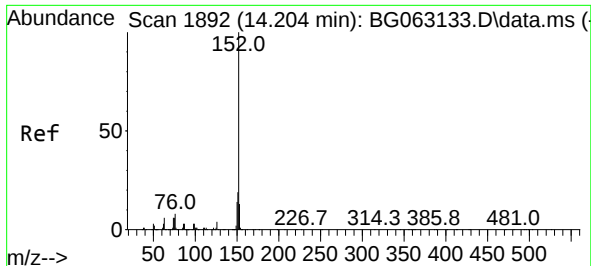
Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

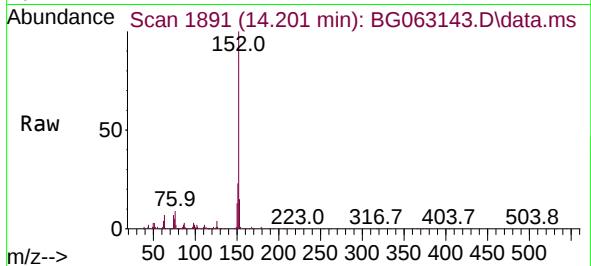
Tgt Ion:	65	Resp:	31792
Ion Ratio	Lower	Upper	
65	100		
92	68.1	44.6	66.8#
138	88.9	59.0	88.4#





#49
Acenaphthylene
Concen: 3.612 ng
RT: 14.201 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

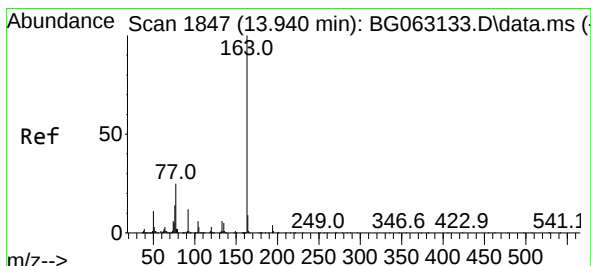
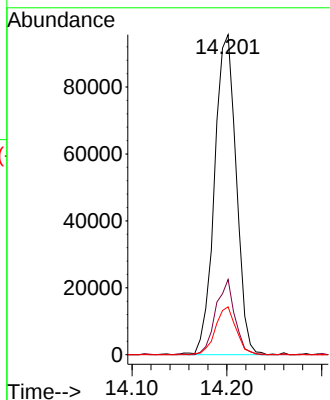
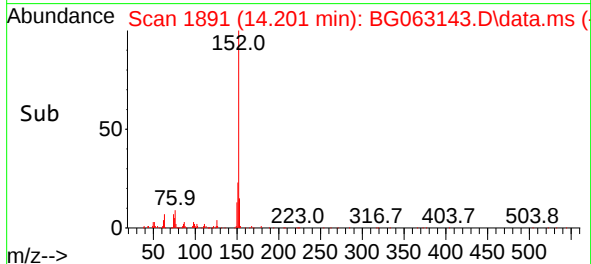
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



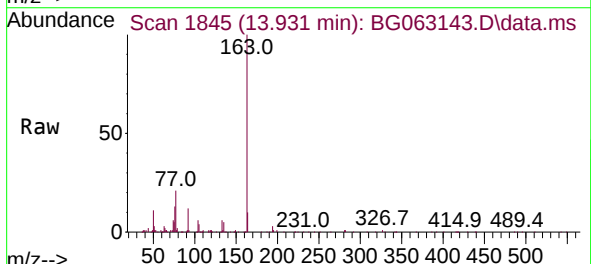
Tgt Ion:152 Resp: 15232
Ion Ratio Lower Upper
152 100
151 23.5 15.0 22.4
153 15.0 10.1 15.1

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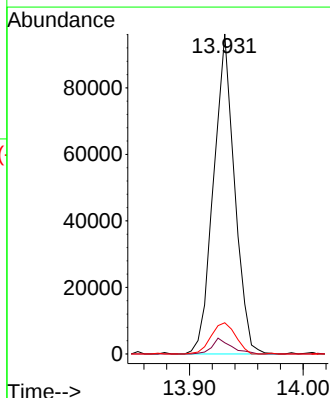
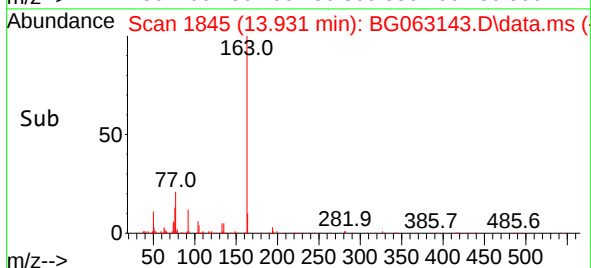
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

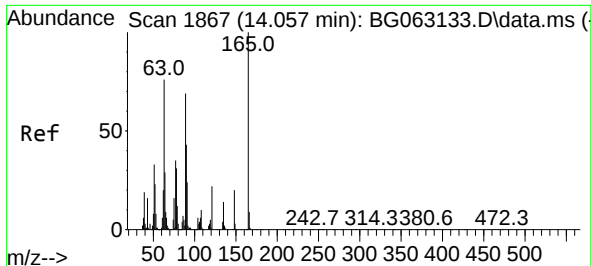


#50
Dimethylphthalate
Concen: 3.297 ng
RT: 13.931 min Scan# 1845
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



Tgt Ion:163 Resp: 123495
Ion Ratio Lower Upper
163 100
194 3.5 3.4 5.0
164 9.7 7.0 10.6





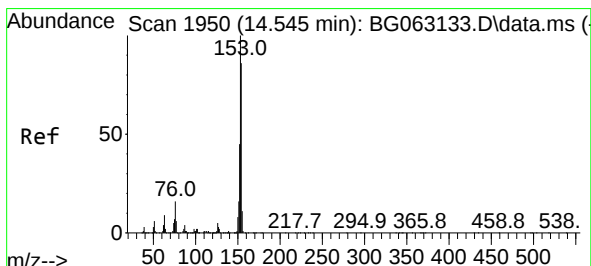
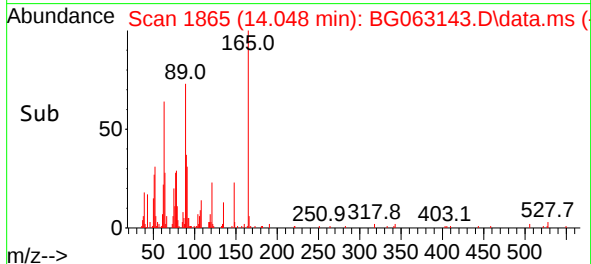
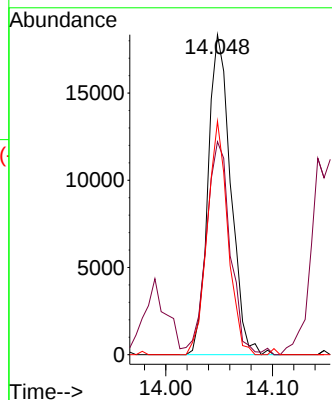
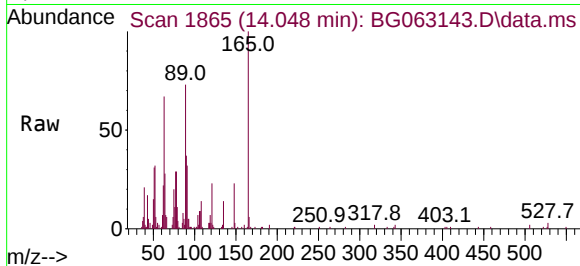
#51
2,6-Dinitrotoluene
Concen: 3.382 ng
RT: 14.048 min Scan# 1865
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:165 Resp: 27049
Ion Ratio Lower Upper
165 100
63 66.5 63.8 95.8
89 73.0 55.1 82.7

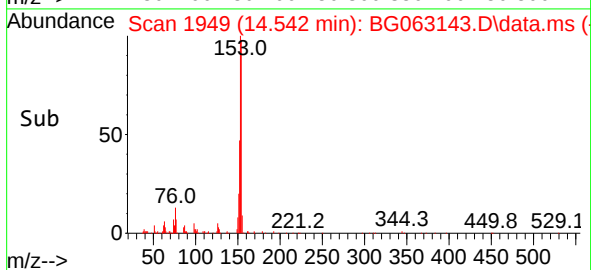
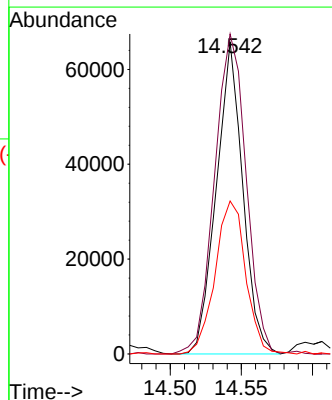
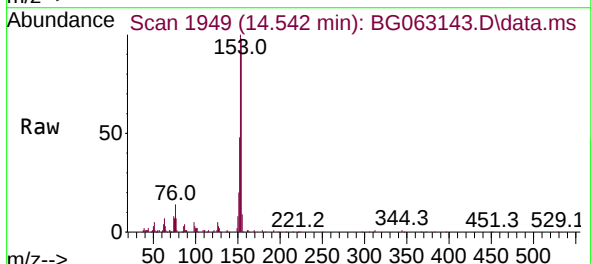
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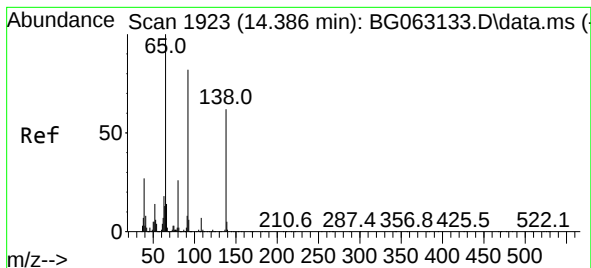
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#52
Acenaphthene
Concen: 3.257 ng
RT: 14.542 min Scan# 1949
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:154 Resp: 85046
Ion Ratio Lower Upper
154 100
153 102.5 93.1 139.7
152 49.0 42.2 63.2





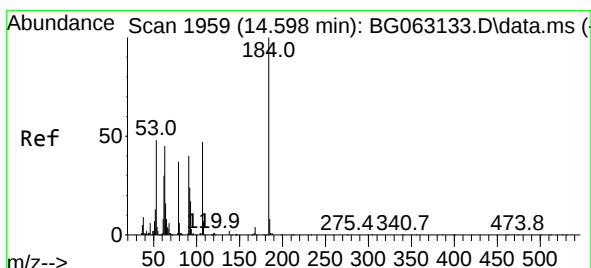
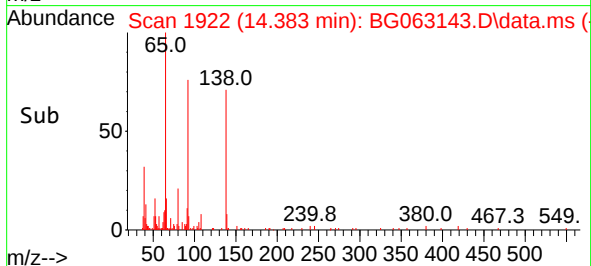
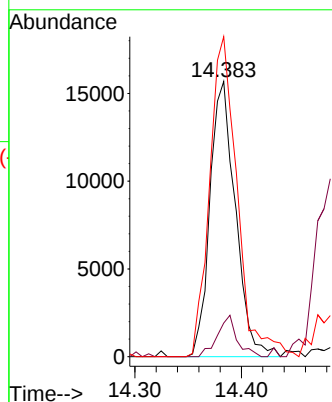
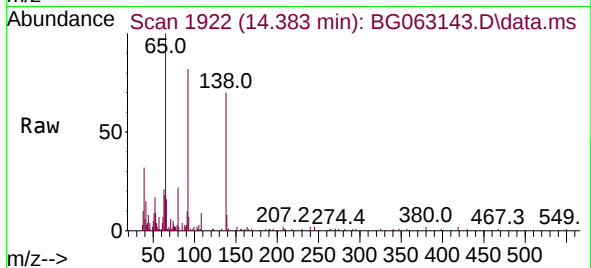
#53
3-Nitroaniline
Concen: 3.436 ng
RT: 14.383 min Scan# 1923
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:138 Resp: 2609
Ion Ratio Lower Upper
138 100
108 12.2 9.4 14.0
92 116.3 106.2 159.2

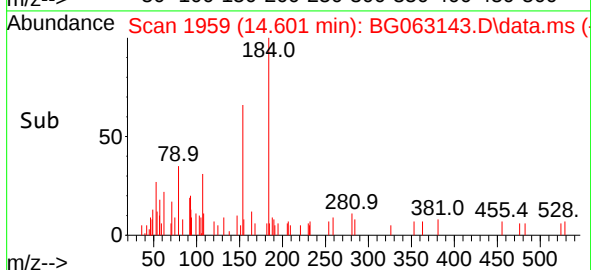
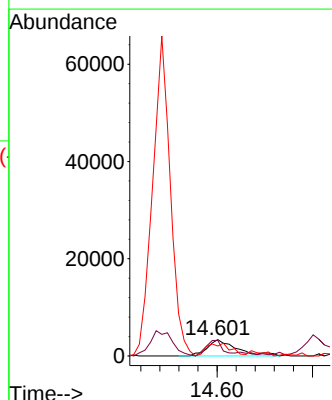
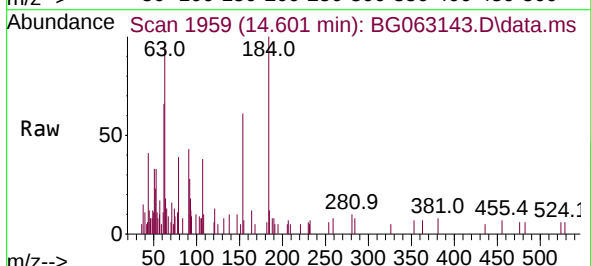
Manual Integrations
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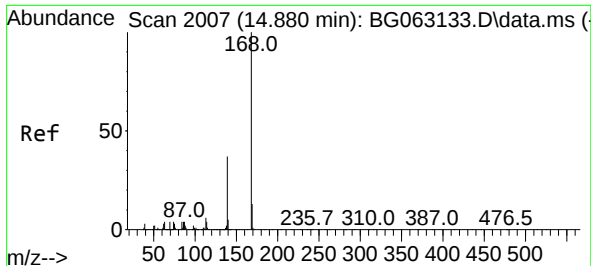
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#54
2,4-Dinitrophenol
Concen: 1.461 ng m
RT: 14.601 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:184 Resp: 7128
Ion Ratio Lower Upper
184 100
63 95.7 58.5 87.7#
154 61.3 60.6 90.8





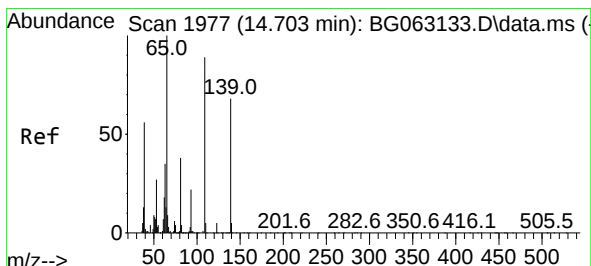
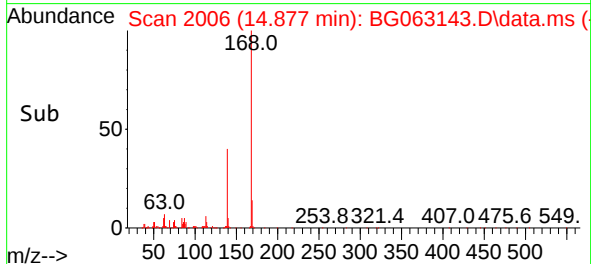
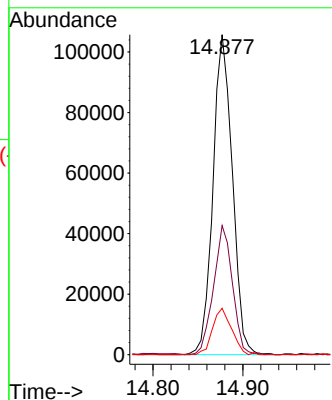
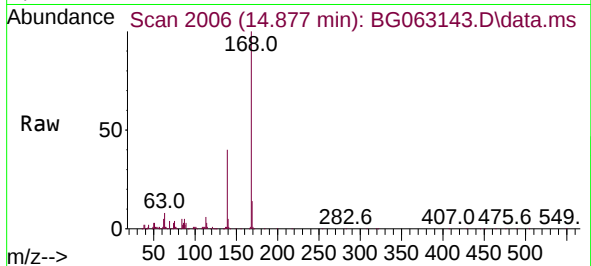
#55
Dibenzenofuran
Concen: 3.435 ng
RT: 14.877 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:168 Resp: 15816
Ion Ratio Lower Upper
168 100
139 40.4 29.9 44.9
169 14.5 10.4 15.6

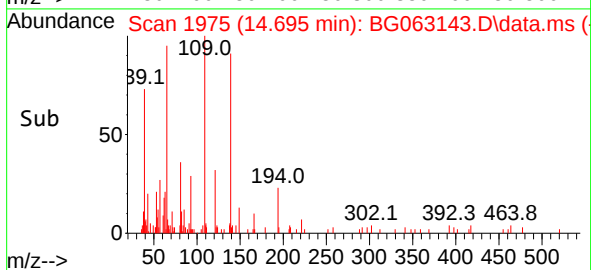
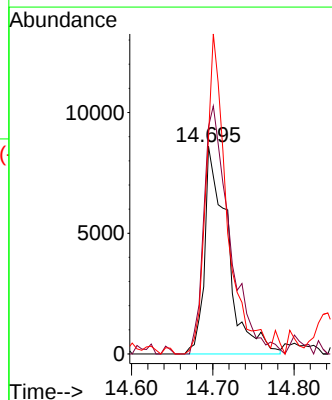
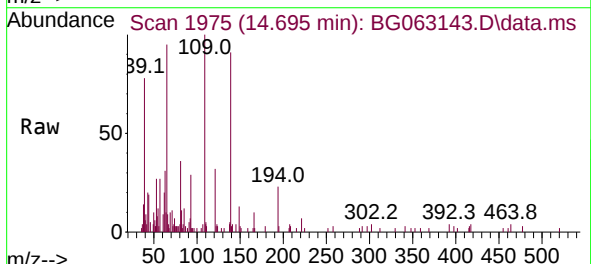
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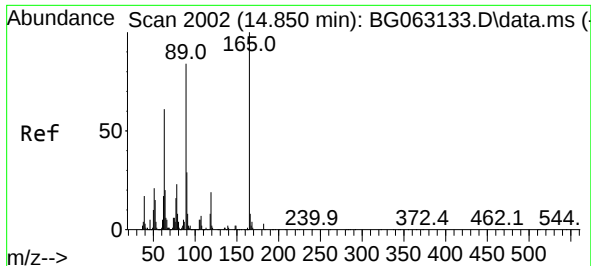
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#56
4-Nitrophenol
Concen: 2.966 ng
RT: 14.695 min Scan# 1975
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:139 Resp: 17053
Ion Ratio Lower Upper
139 100
109 109.6 112.0 152.0#
65 104.6 127.6 167.6#





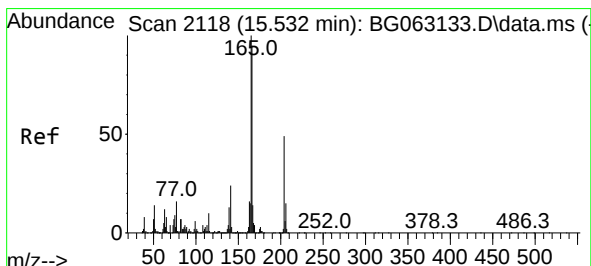
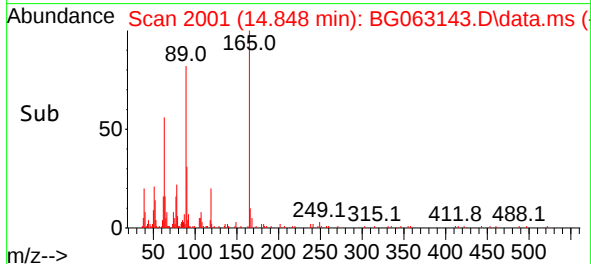
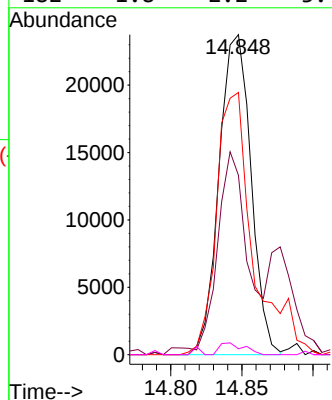
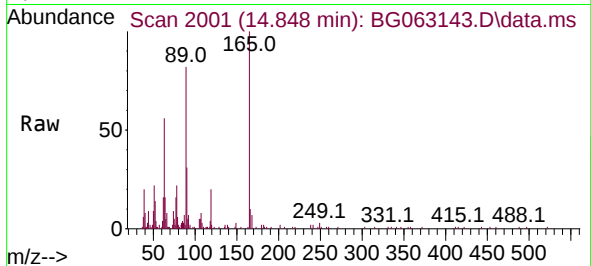
#57
2,4-Dinitrotoluene
Concen: 3.251 ng
RT: 14.848 min Scan# 2002
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:165 Resp: 37188
Ion Ratio Lower Upper
165 100
63 56.0 49.0 73.4
89 82.0 67.4 101.0
182 1.8 2.2 3.4#

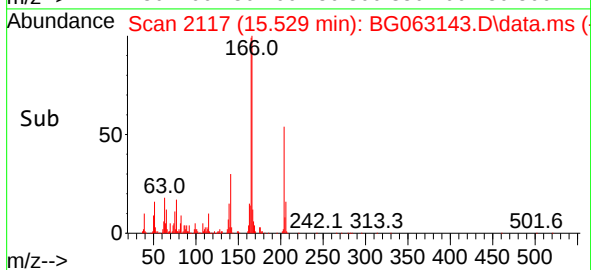
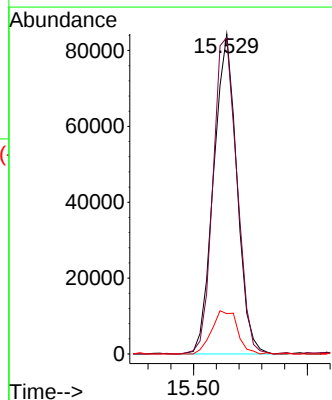
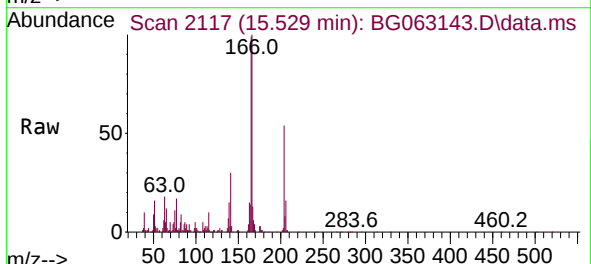
Manual Integrations
APPROVED

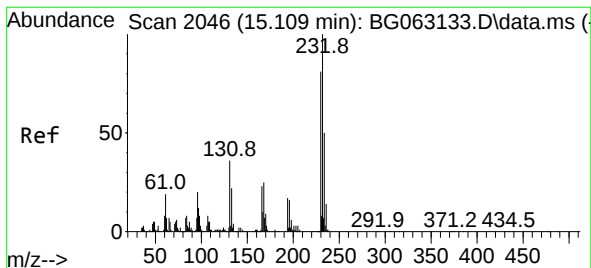
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#58
Fluorene
Concen: 3.281 ng
RT: 15.529 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

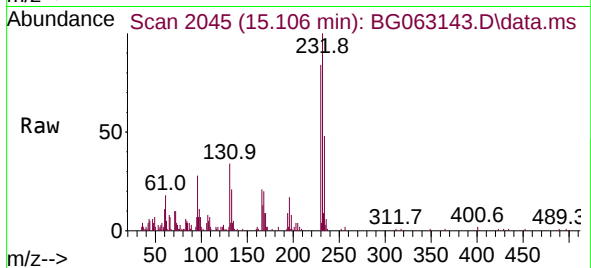
Tgt Ion:166 Resp: 119723
Ion Ratio Lower Upper
166 100
165 98.9 84.1 126.1
167 12.6 11.6 17.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 2.888 ng
RT: 15.106 min Scan# 2045
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

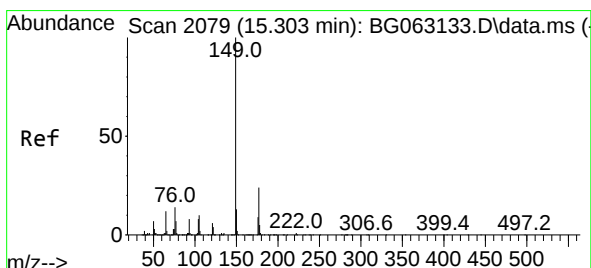
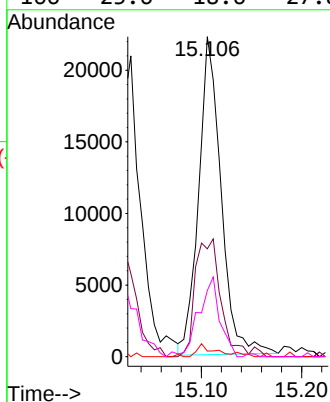
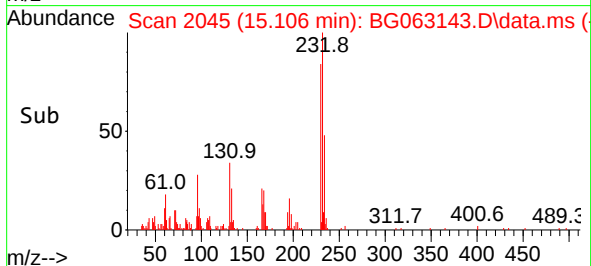
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:232 Resp: 3445
Ion Ratio Lower Upper
232 100
131 42.9 26.8 40.2
130 2.9 1.8 2.8
166 23.6 18.6 27.8

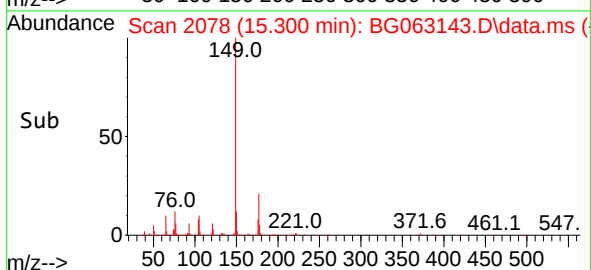
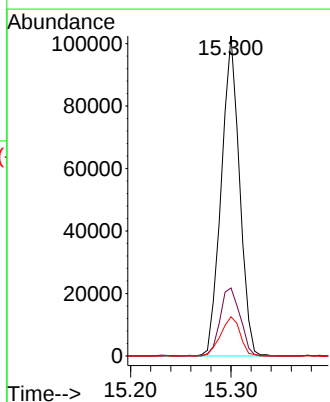
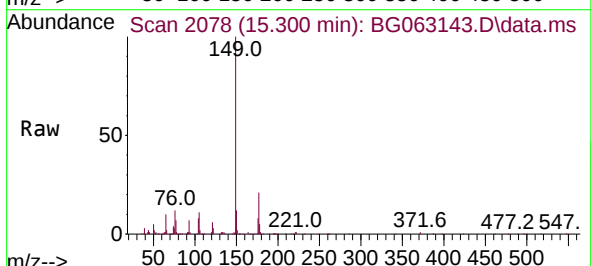
Manual Integrations
APPROVED

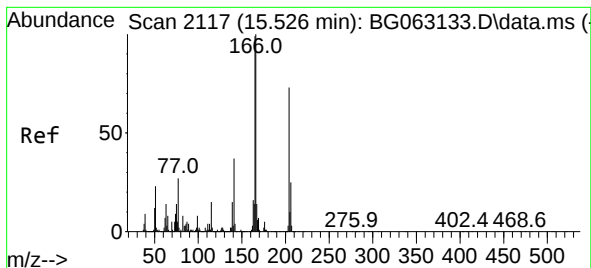
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#60
Diethylphthalate
Concen: 3.354 ng
RT: 15.300 min Scan# 2078
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:149 Resp: 129011
Ion Ratio Lower Upper
149 100
177 21.2 18.8 28.2
150 12.3 10.2 15.4





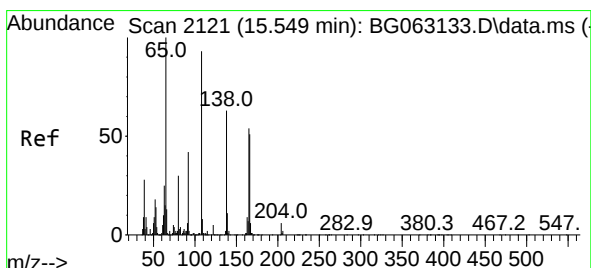
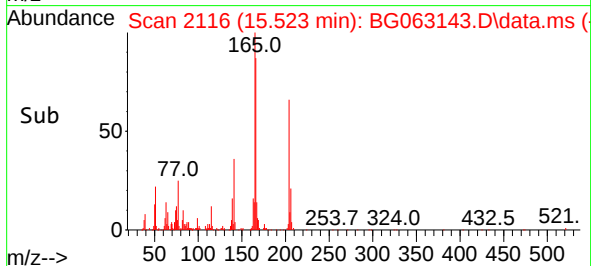
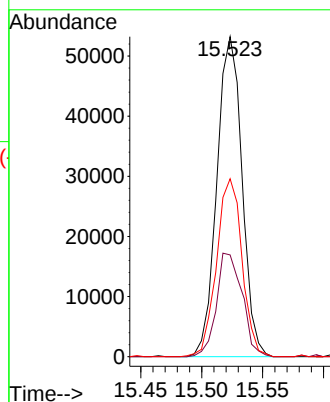
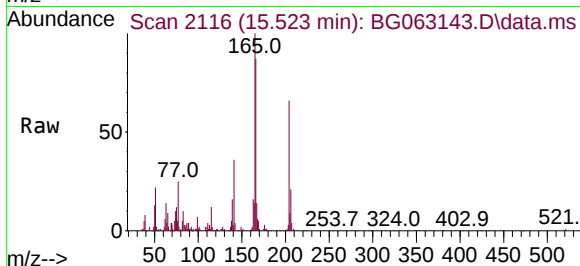
#61
4-Chlorophenyl-phenylether
Concen: 3.371 ng
RT: 15.523 min Scan# 2117
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:204 Resp: 76438
Ion Ratio Lower Upper
204 100
206 31.8 27.0 40.4
141 55.6 41.0 61.4

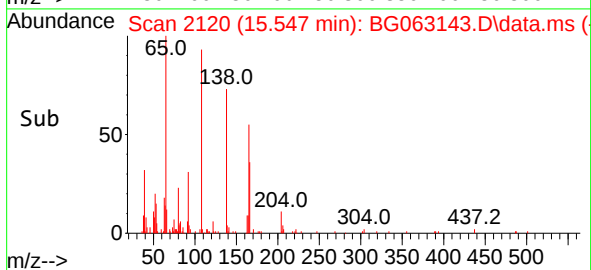
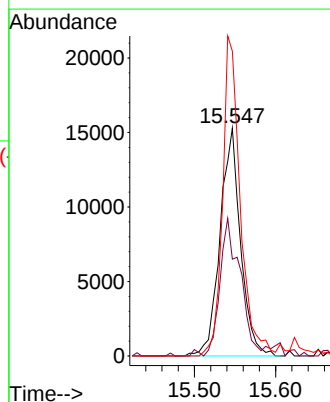
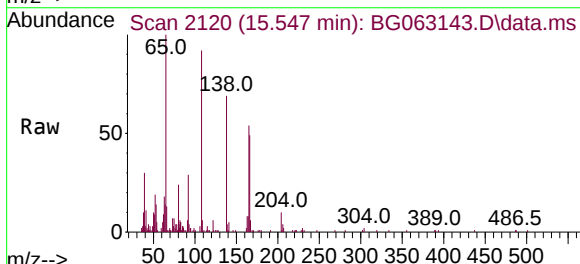
Manual Integrations
APPROVED

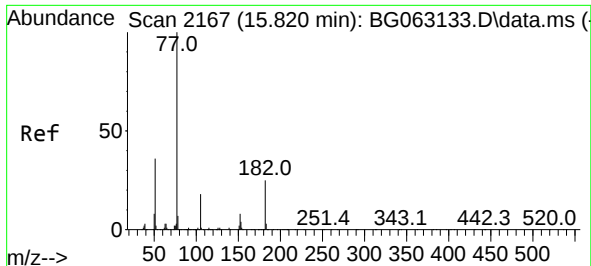
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#62
4-Nitroaniline
Concen: 3.205 ng
RT: 15.547 min Scan# 2120
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

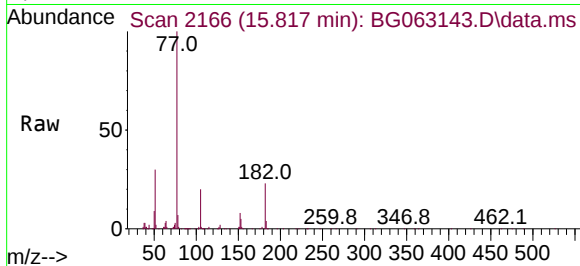
Tgt Ion:138 Resp: 26850
Ion Ratio Lower Upper
138 100
92 42.5 46.2 86.2#
108 133.8 126.8 166.8





#63
Azobenzene
Concen: 3.467 ng
RT: 15.817 min Scan# 2167
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

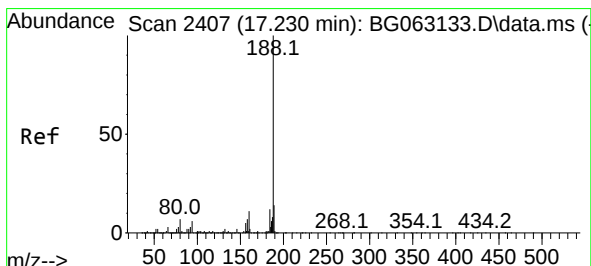
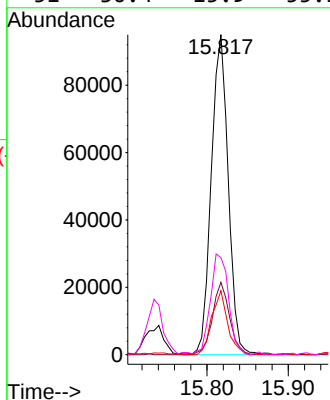
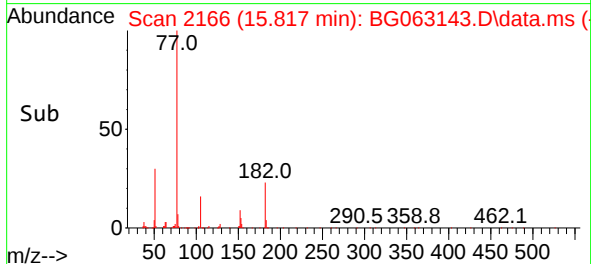
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:	77	182	105	51
Ratio	100	22.6	20.0	30.4
Lower		5.4	0.0	15.9
Upper		45.4	37.5	55.9

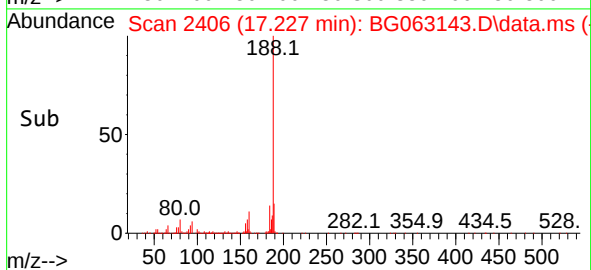
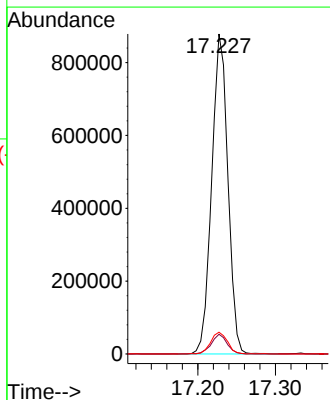
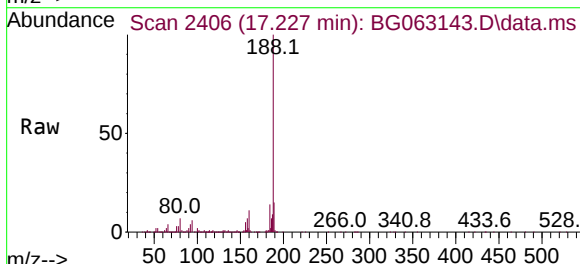
Manual Integrations
APPROVED

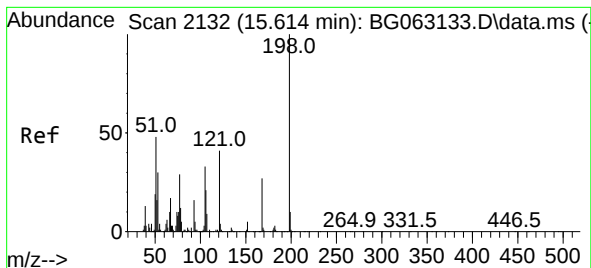
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 2406
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:	188	94	80
Ratio	100	6.1	6.8
Lower		4.8	5.9
Upper		7.2	8.9





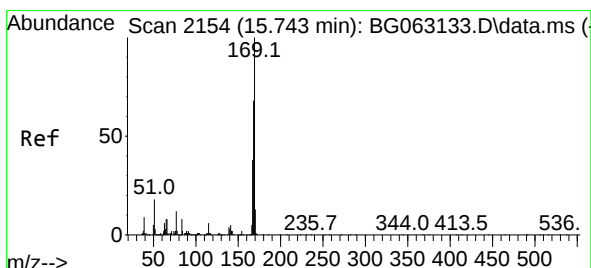
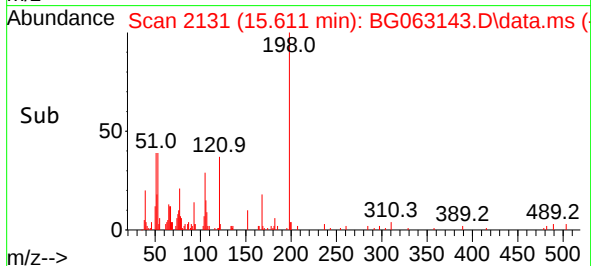
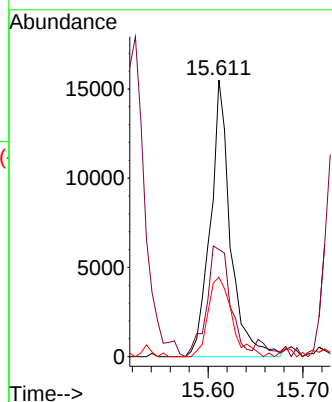
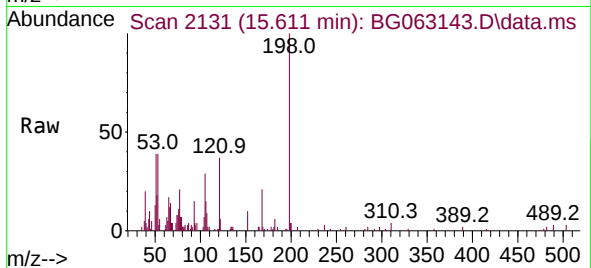
#65
4,6-Dinitro-2-methylphenol
Concen: 2.769 ng
RT: 15.611 min Scan# 2132
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:198 Resp: 22669
Ion Ratio Lower Upper
198 100
51 38.8 30.3 70.3
105 28.8 13.6 53.6

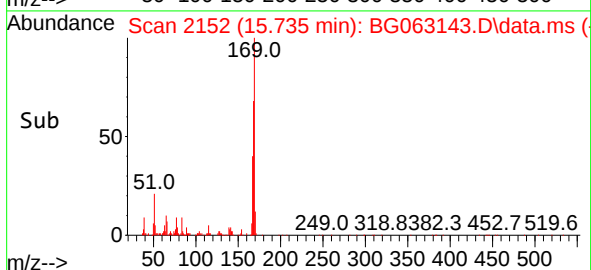
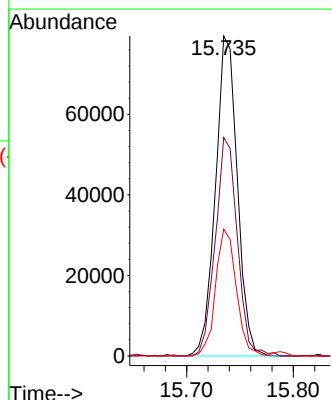
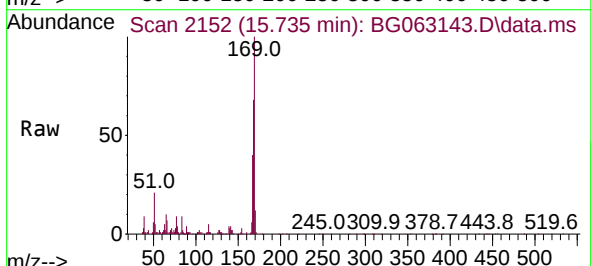
Manual Integrations
APPROVED

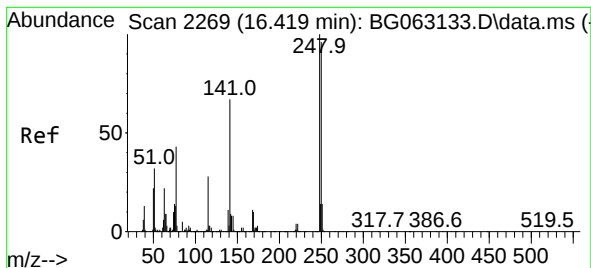
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#66
n-Nitrosodiphenylamine
Concen: 3.556 ng
RT: 15.735 min Scan# 2152
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

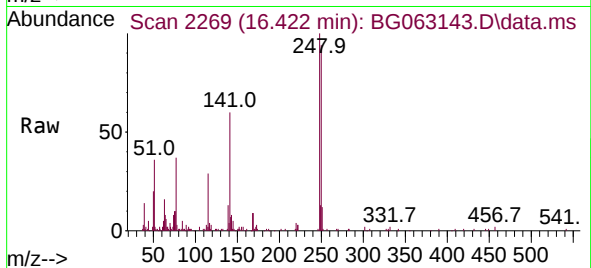
Tgt Ion:169 Resp: 112985
Ion Ratio Lower Upper
169 100
168 68.3 54.8 82.2
167 39.6 30.2 45.4





#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 16.422 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

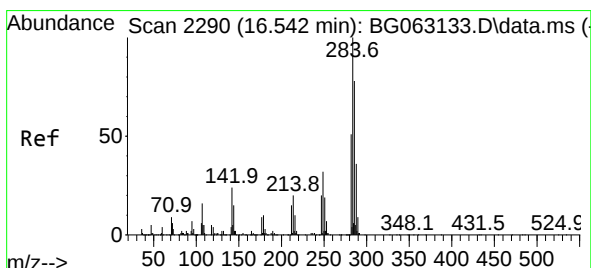
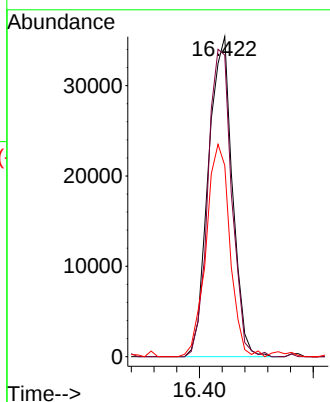
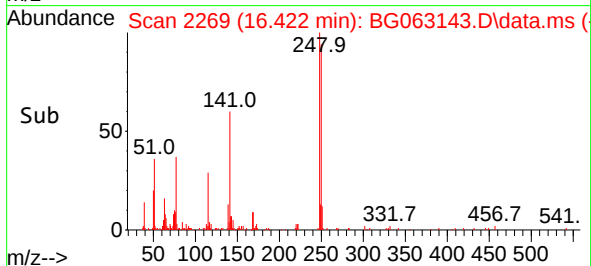
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



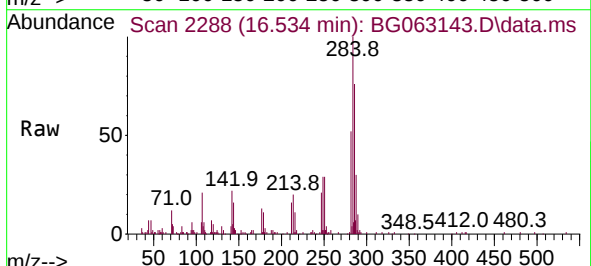
Tgt Ion:248 Resp: 5179
Ion Ratio Lower Upper
248 100
250 94.3 76.6 115.0
141 59.7 53.9 80.9

Manual Integrations
APPROVED

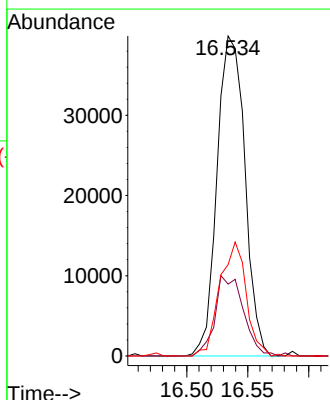
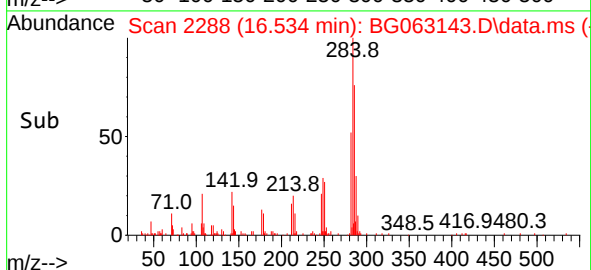
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

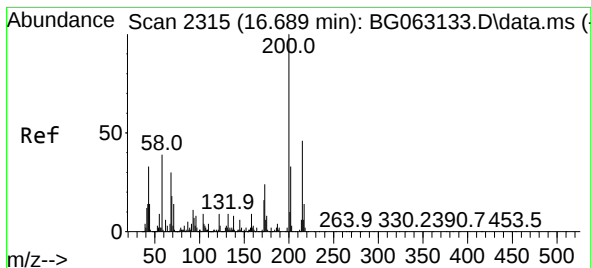


#68
Hexachlorobenzene
Concen: 3.506 ng
RT: 16.534 min Scan# 2288
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



Tgt Ion:284 Resp: 63385
Ion Ratio Lower Upper
284 100
142 22.5 19.0 28.6
249 30.9 25.8 38.8





#69

Atrazine

Concen: 3.451 ng

RT: 16.687 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

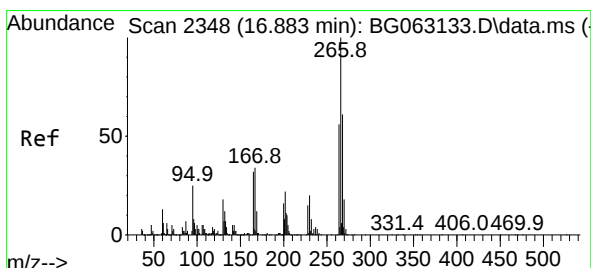
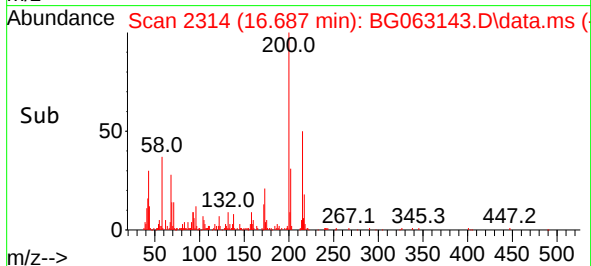
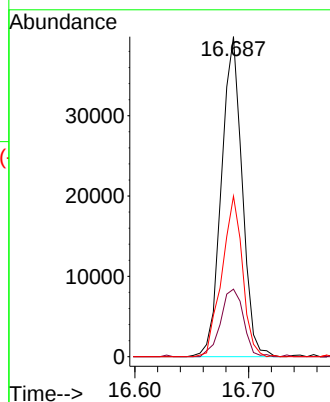
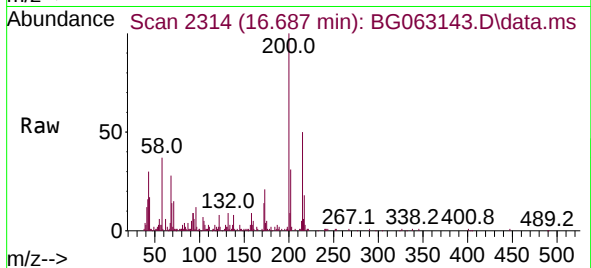
MDL-SOIL-03-QT4-2024

Tgt Ion:200 Resp: 50410
 Ion Ratio Lower Upper
 200 100
 173 21.1 3.6 43.6
 215 50.2 25.8 65.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#70

Pentachlorophenol

Concen: 2.149 ng

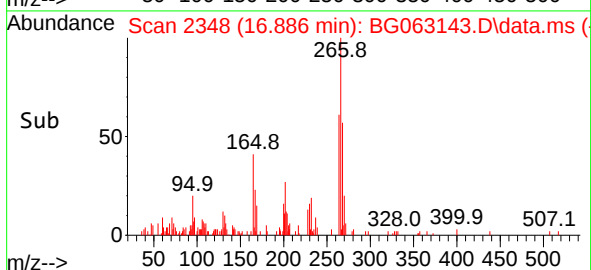
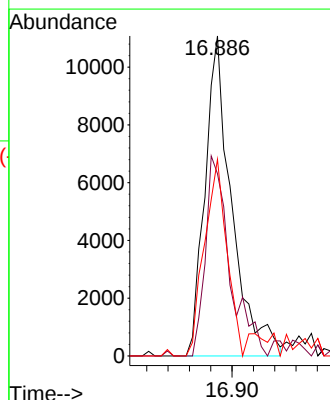
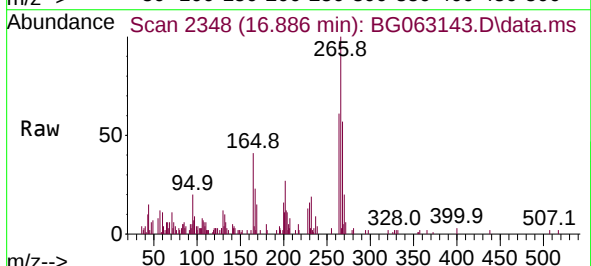
RT: 16.886 min Scan# 2348

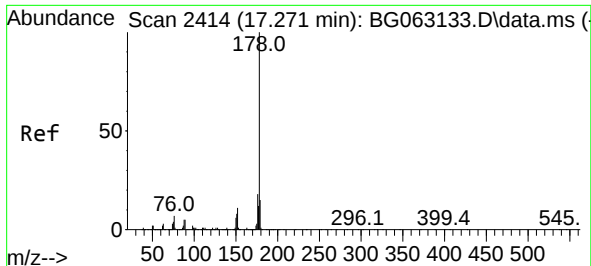
Delta R.T. 0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

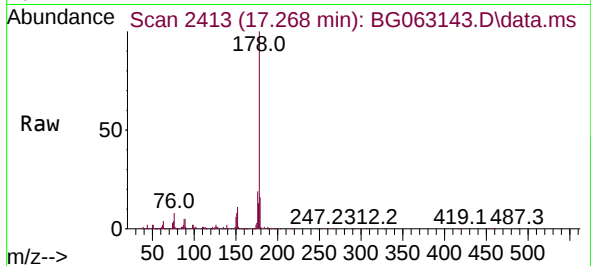
Tgt Ion:266 Resp: 19336
 Ion Ratio Lower Upper
 266 100
 268 61.8 48.8 73.2
 264 61.5 45.0 67.4





#71
Phenanthrene
Concen: 3.597 ng
RT: 17.268 min Scan# 2413
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

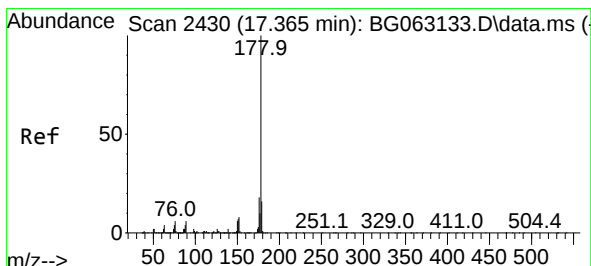
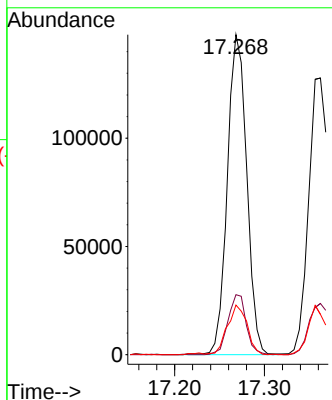
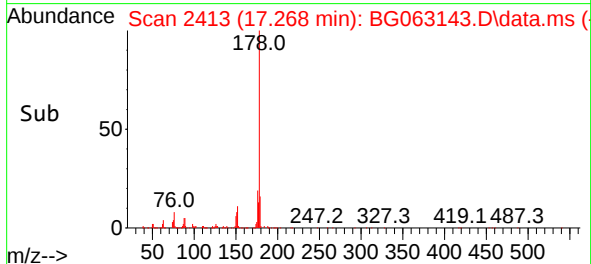
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



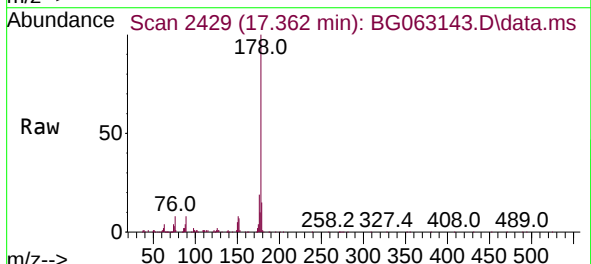
Tgt Ion:178 Resp: 222075
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.5 12.3 18.5

Manual Integrations
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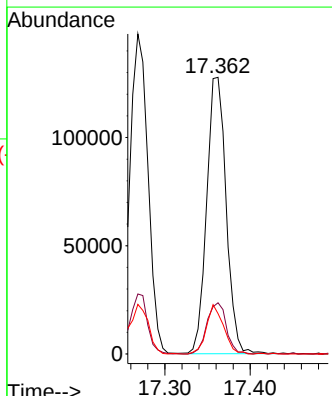
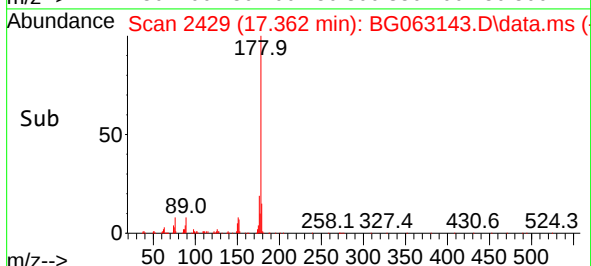
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

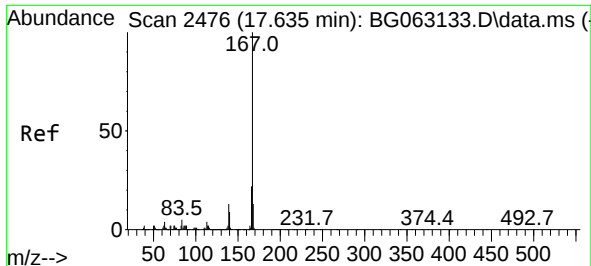


#72
Anthracene
Concen: 3.343 ng
RT: 17.362 min Scan# 2429
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



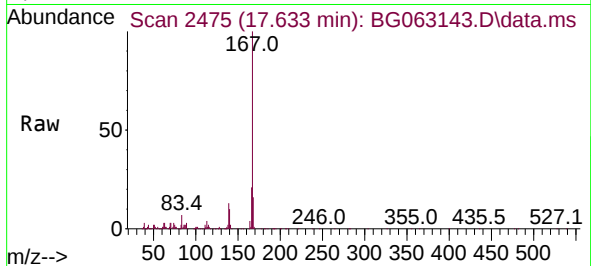
Tgt Ion:178 Resp: 202591
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 14.6 12.4 18.6





#73
Carbazole
Concen: 3.490 ng
RT: 17.633 min Scan# 2476
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

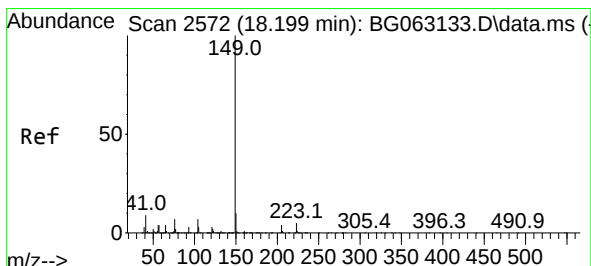
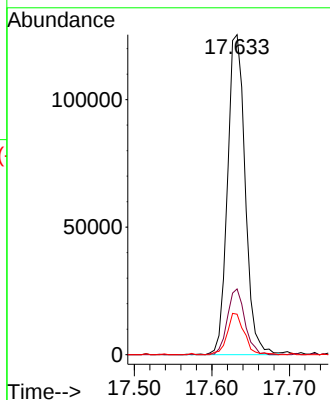
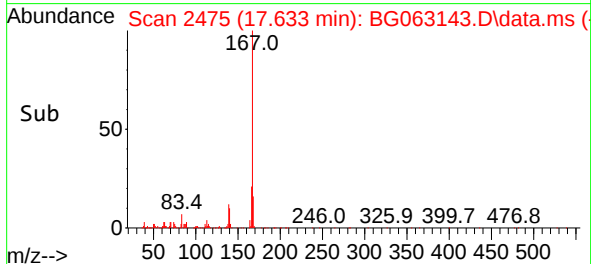
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



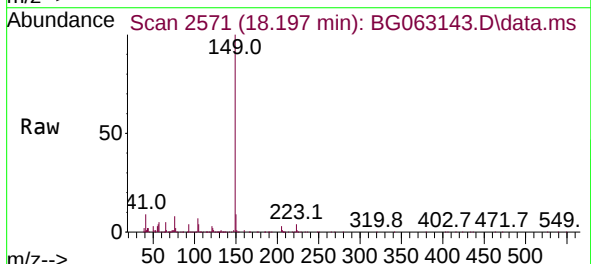
Tgt Ion:167 Resp: 19910
Ion Ratio Lower Upper
167 100
166 20.6 17.4 26.2
139 12.6 10.3 15.5

Manual Integrations
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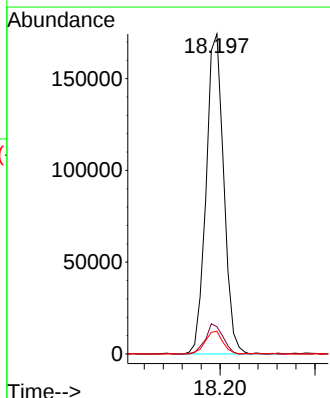
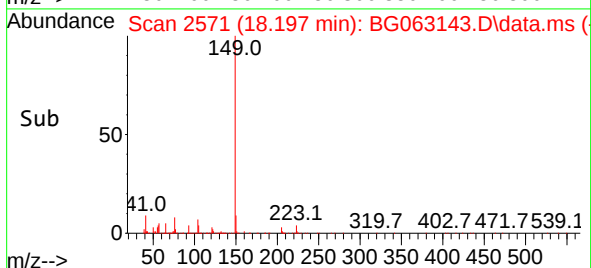
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024

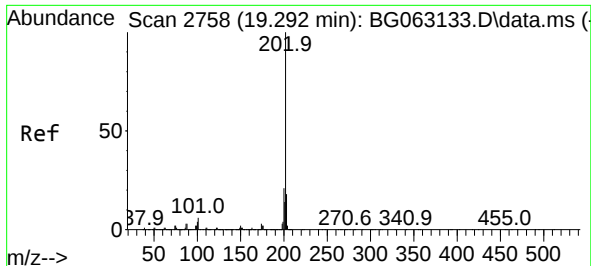


#74
Di-n-butylphthalate
Concen: 3.459 ng
RT: 18.197 min Scan# 2571
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43



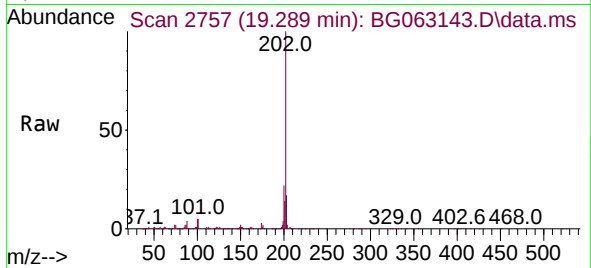
Tgt Ion:149 Resp: 224057
Ion Ratio Lower Upper
149 100
150 8.5 7.8 11.8
104 7.1 5.4 8.0





#75
Fluoranthene
Concen: 3.564 ng
RT: 19.289 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

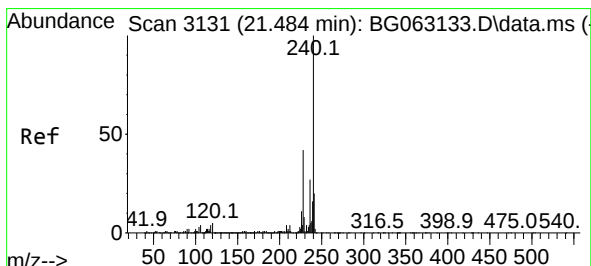
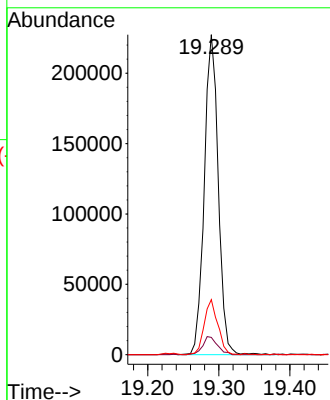
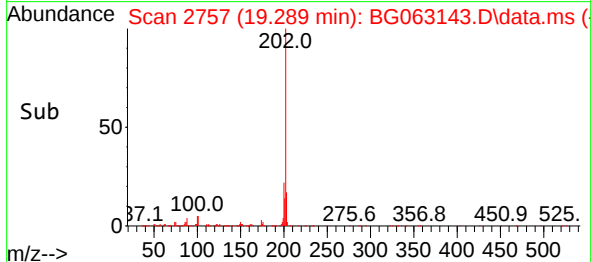
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:202 Resp: 31144
Ion Ratio Lower Upper
202 100
101 5.4 0.0 25.8
203 17.2 0.0 38.1

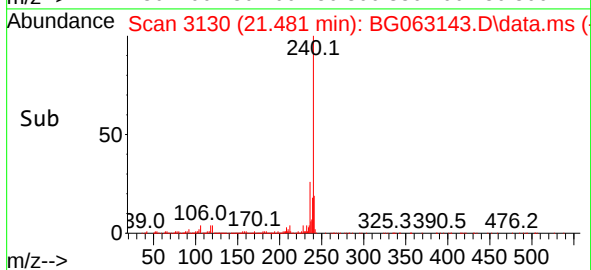
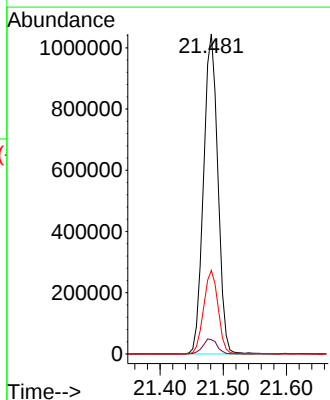
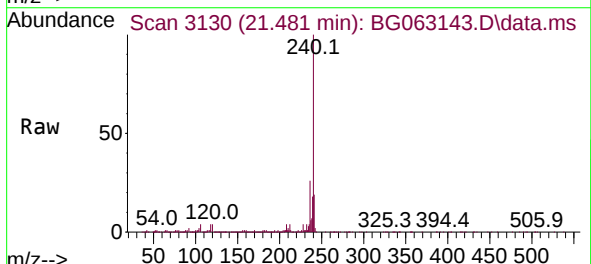
Manual Integrations
APPROVED

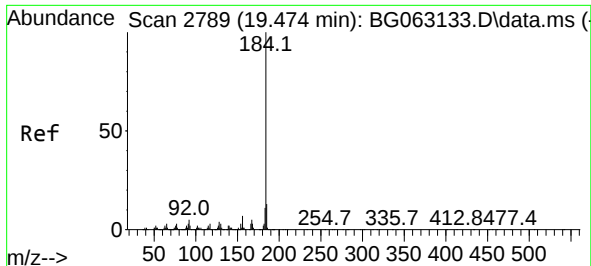
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.481 min Scan# 3130
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

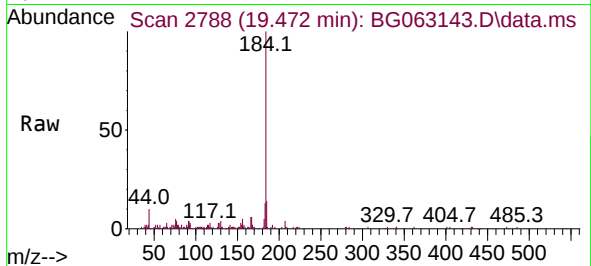
Tgt Ion:240 Resp: 1643312
Ion Ratio Lower Upper
240 100
120 4.5 3.9 5.9
236 26.1 21.4 32.2





#77
Benzidine
Concen: 2.546 ng
RT: 19.472 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

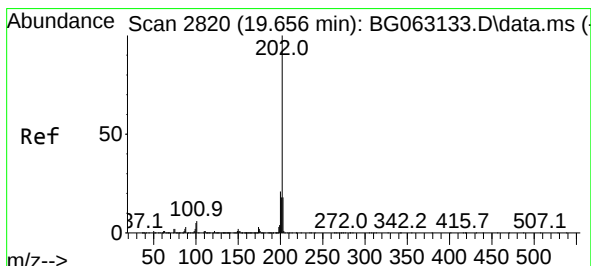
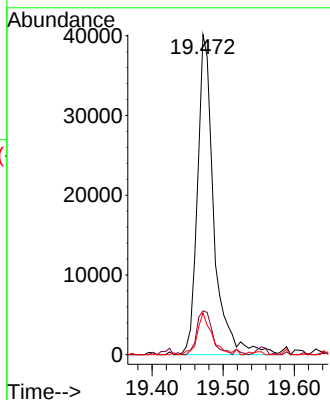
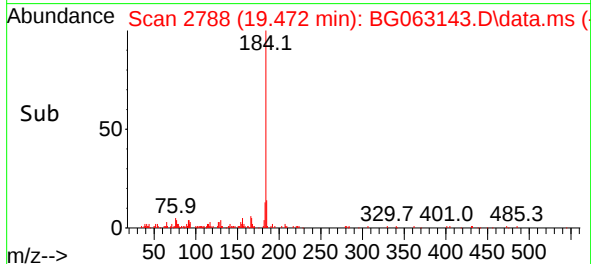
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:184 Resp: 64454
Ion Ratio Lower Upper
184 100
185 13.7 10.6 16.0
183 13.0 8.6 12.8

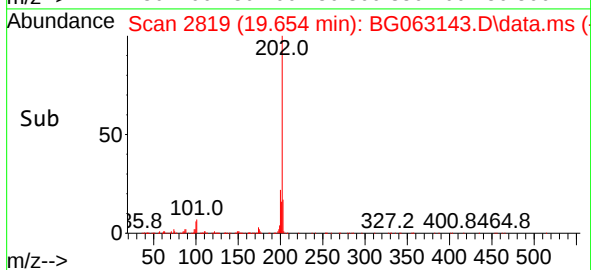
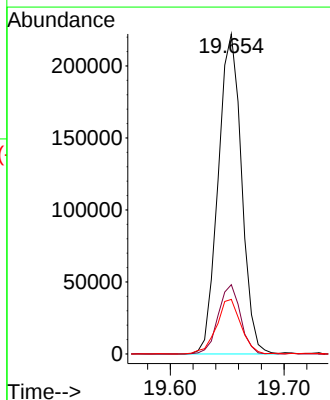
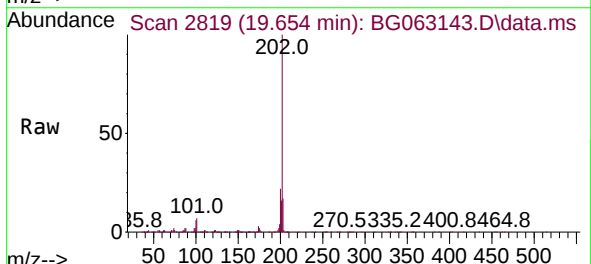
Manual Integrations
APPROVED

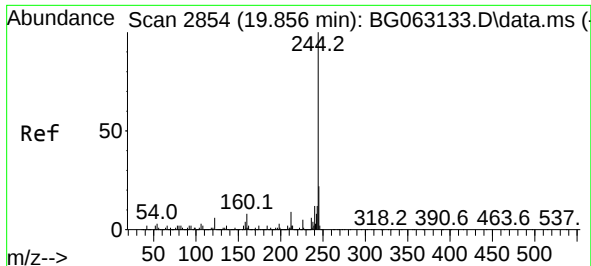
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#78
Pyrene
Concen: 3.259 ng
RT: 19.654 min Scan# 2819
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

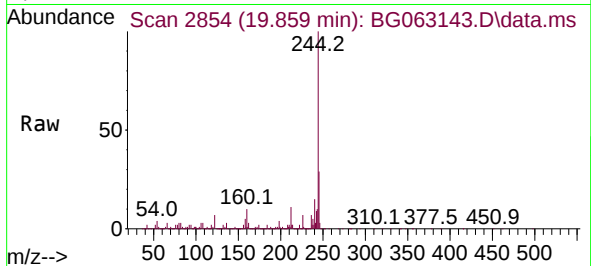
Tgt Ion:202 Resp: 317501
Ion Ratio Lower Upper
202 100
200 21.7 16.7 25.1
203 17.0 14.2 21.2





#79
 Terphenyl-d14
 Concen: 56.595 ng
 RT: 19.859 min Scan# 2854
 Delta R.T. 0.003 min
 Lab File: BG063143.D
 Acq: 1 Nov 2024 11:43

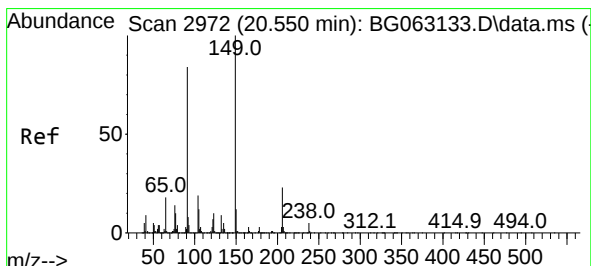
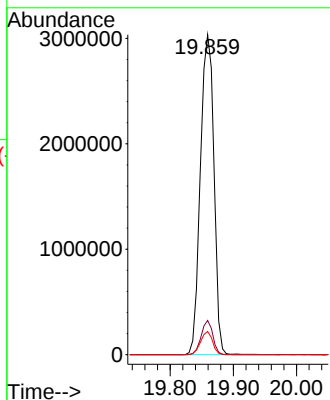
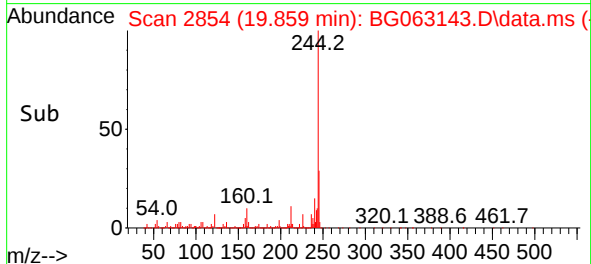
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:244 Resp: 4519414
 Ion Ratio Lower Upper
 244 100
 212 10.7 7.3 10.9
 122 7.3 4.8 7.2

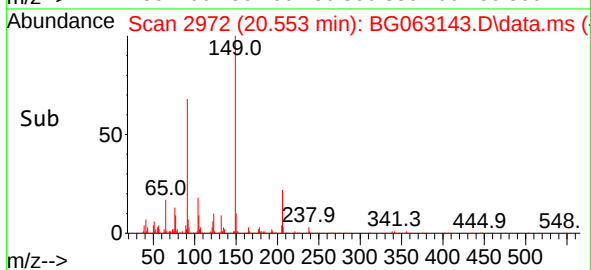
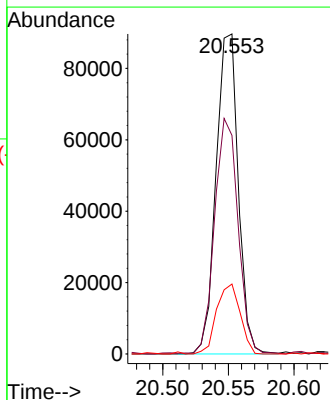
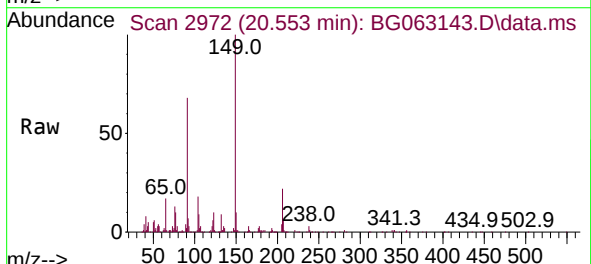
Manual Integrations
 APPROVED

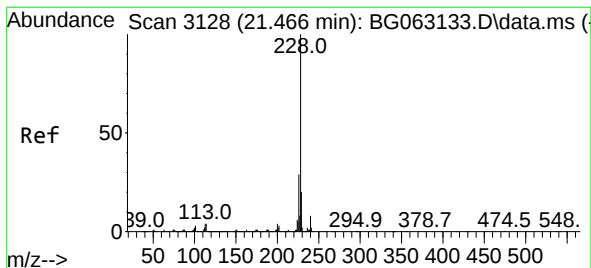
Reviewed By :Jagrut Upadhyay 11/04/2024
 Supervised By :mohammad ahmed 11/05/2024



#80
 Butylbenzylphthalate
 Concen: 3.360 ng
 RT: 20.553 min Scan# 2972
 Delta R.T. 0.003 min
 Lab File: BG063143.D
 Acq: 1 Nov 2024 11:43

Tgt Ion:149 Resp: 105466
 Ion Ratio Lower Upper
 149 100
 91 68.3 67.3 100.9
 206 21.9 18.8 28.2





#81

Benzo(a)anthracene

Concen: 3.541 ng

RT: 21.463 min Scan# 3128

Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

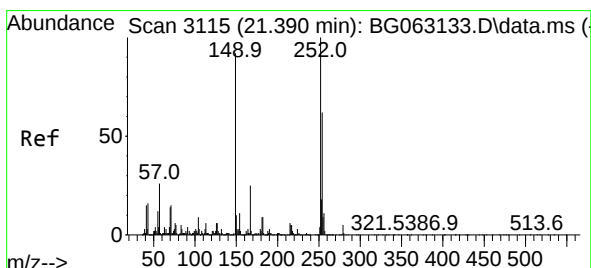
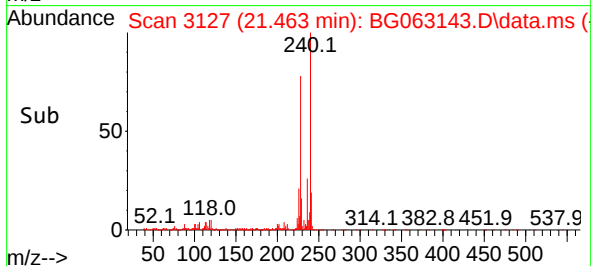
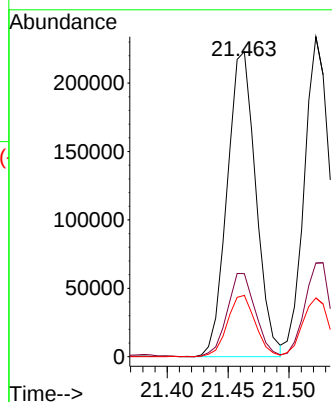
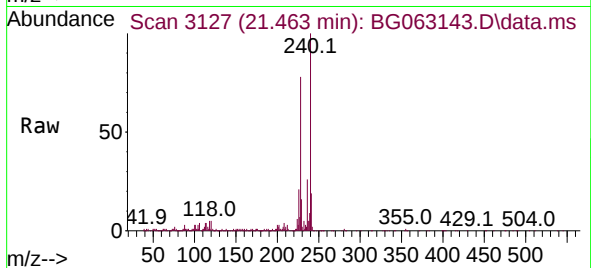
Tgt Ion:228 Resp: 36642

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.5	35.3
229	20.1	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#82

3,3'-Dichlorobenzidine

Concen: 3.337 ng

RT: 21.381 min Scan# 3113

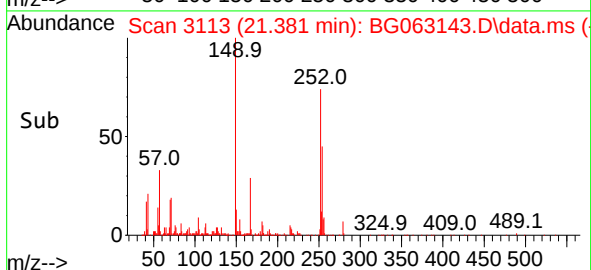
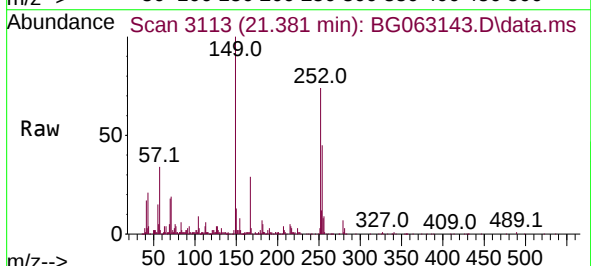
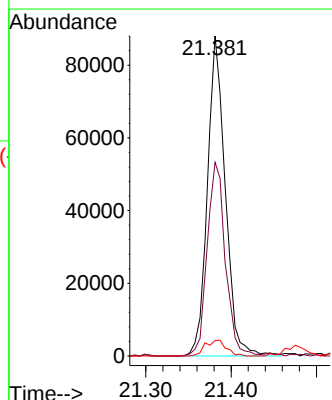
Delta R.T. -0.009 min

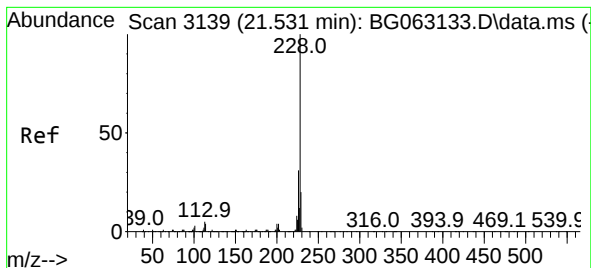
Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Tgt Ion:252 Resp: 128019

Ion	Ratio	Lower	Upper
252	100		
254	60.5	49.4	74.2
126	4.9	4.8	7.2





#83

Chrysene

Concen: 3.559 ng

RT: 21.522 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

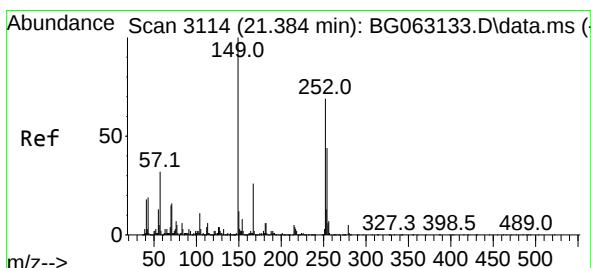
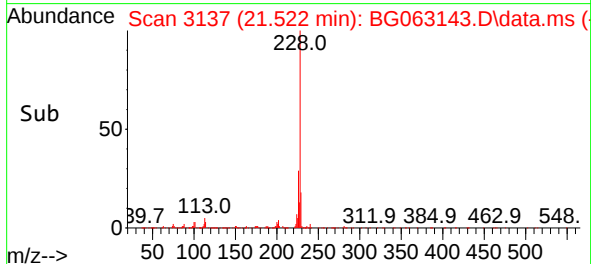
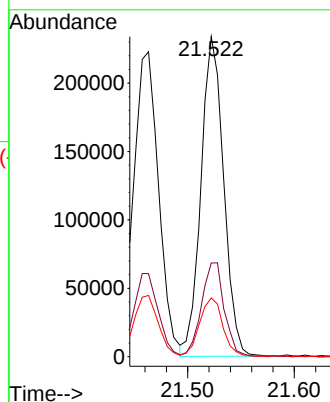
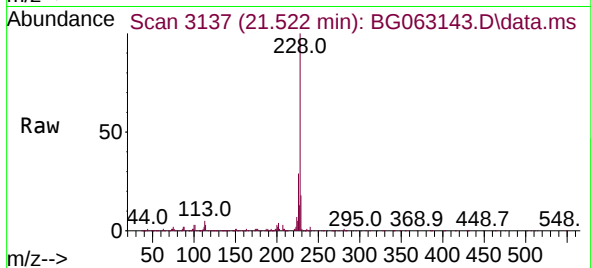
MDL-SOIL-03-QT4-2024

Tgt Ion:	228	Resp:	34598
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.8	37.2
229	18.4	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.493 ng

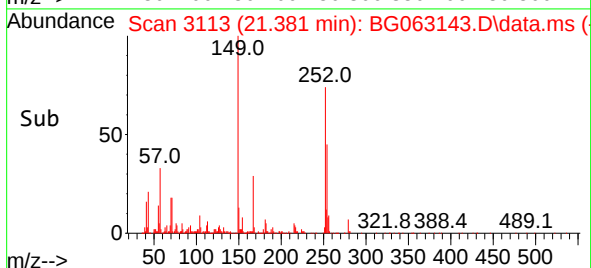
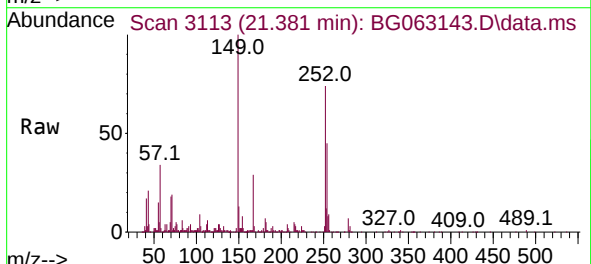
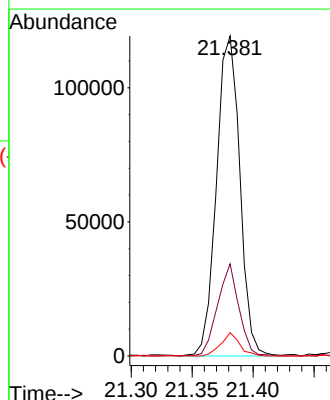
RT: 21.381 min Scan# 3113

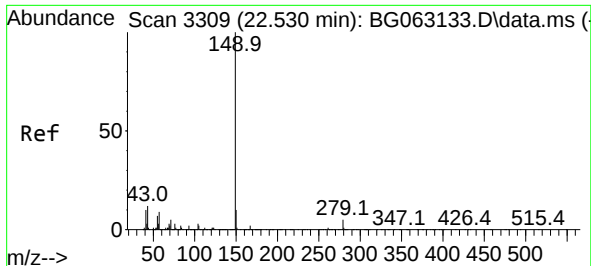
Delta R.T. -0.003 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

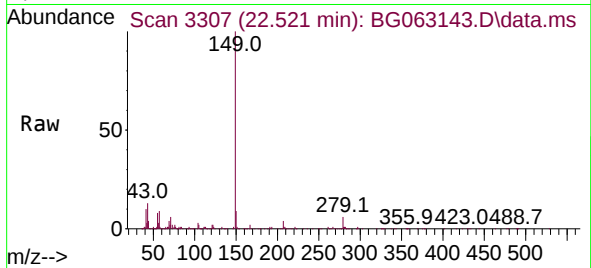
Tgt Ion:	149	Resp:	159064
Ion Ratio	Lower	Upper	
149	100		
167	28.8	20.6	31.0
279	7.3	4.3	6.5





#85
Di-n-octyl phthalate
Concen: 3.347 ng
RT: 22.521 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

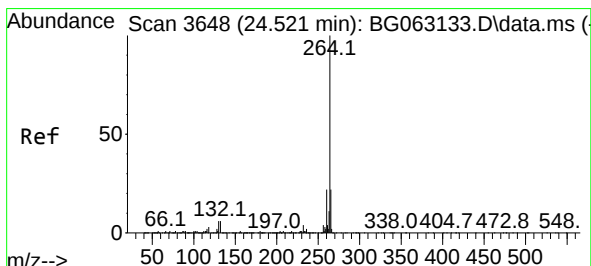
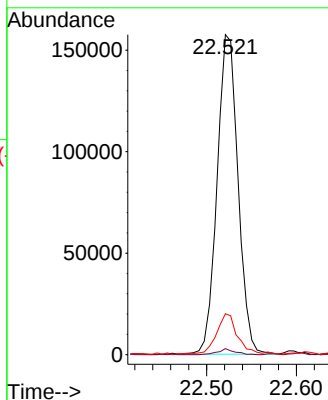
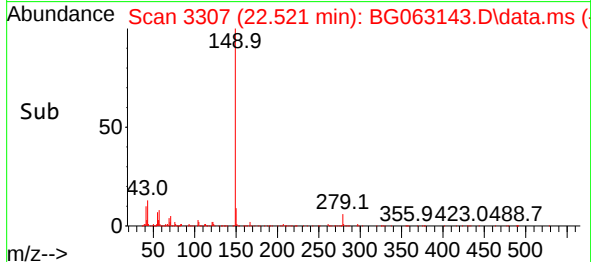
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:149 Resp: 254952
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 13.5 9.8 14.6

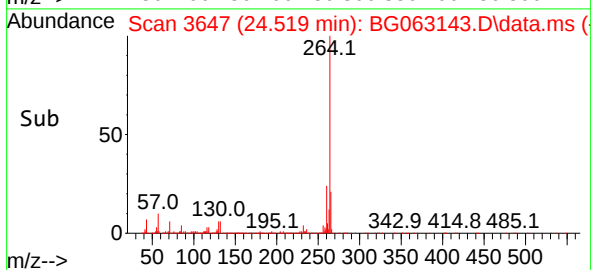
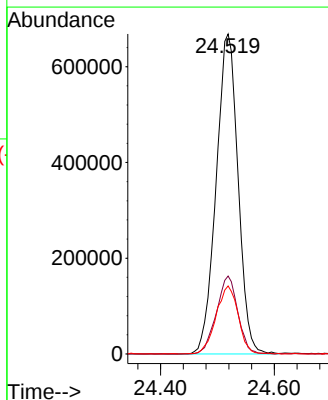
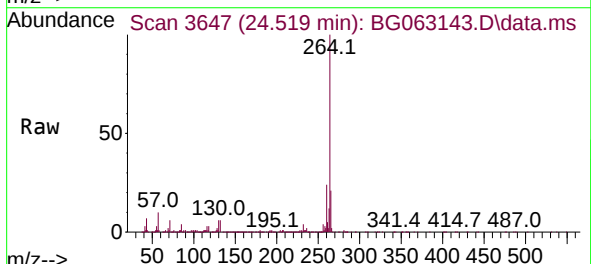
Manual Integrations
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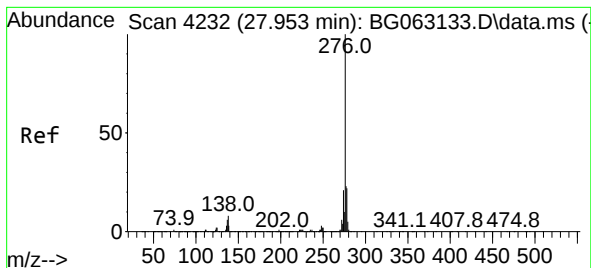
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.519 min Scan# 3647
Delta R.T. -0.003 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:264 Resp: 1788387
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.2
265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.567 ng

RT: 27.920 min Scan# 41

Delta R.T. -0.032 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

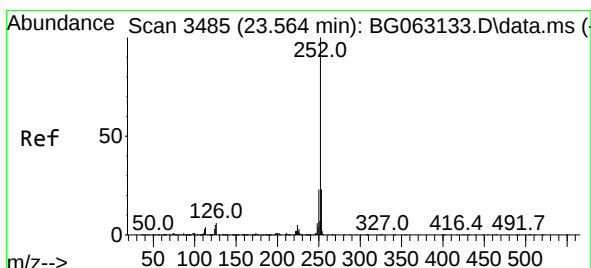
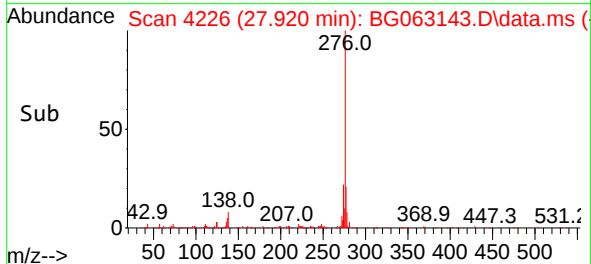
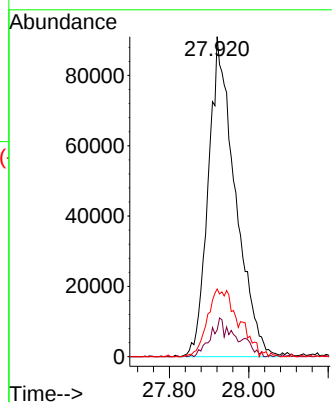
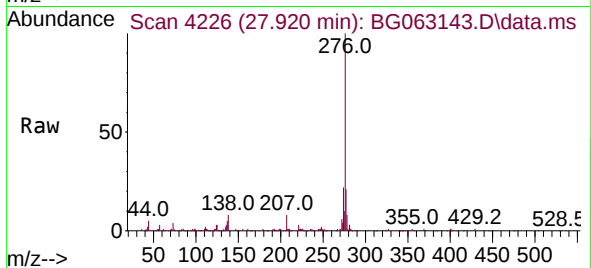
Tgt Ion:276 Resp: 428094

Ion	Ratio	Lower	Upper
276	100		
138	9.3	8.3	12.5
277	19.9	19.8	29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#88

Benzo(b)fluoranthene

Concen: 3.477 ng

RT: 23.555 min Scan# 3483

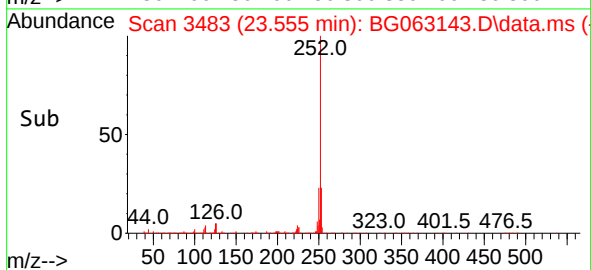
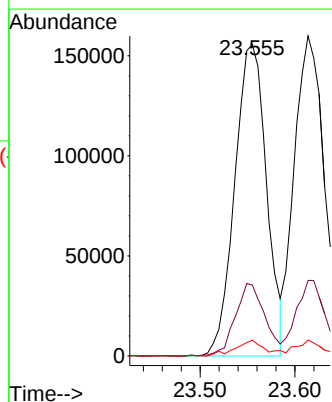
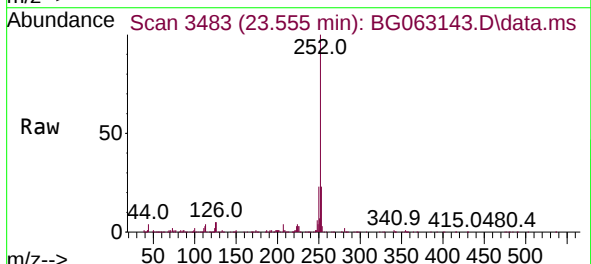
Delta R.T. -0.009 min

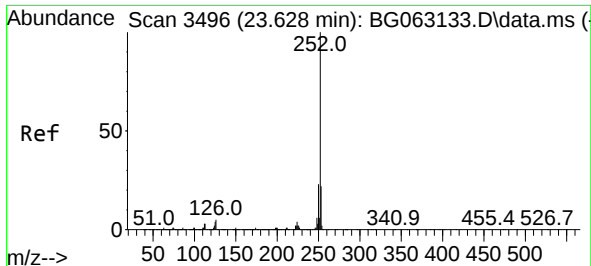
Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Tgt Ion:252 Resp: 362566

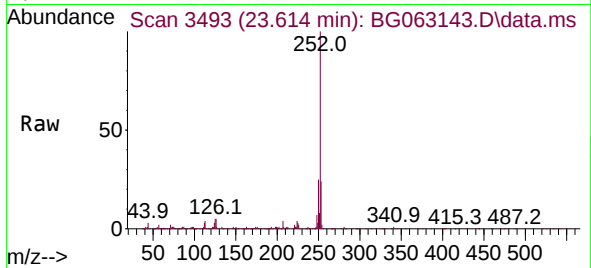
Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	5.1	3.6	5.4





#89
Benzo(k)fluoranthene
Concen: 3.580 ng
RT: 23.614 min Scan# 3493
Delta R.T. -0.015 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

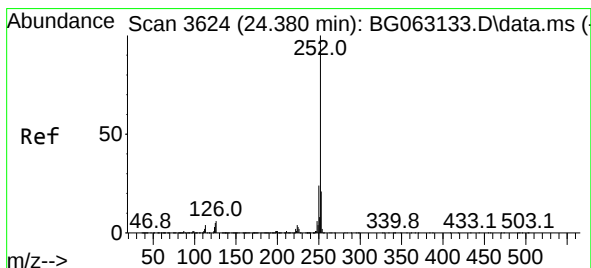
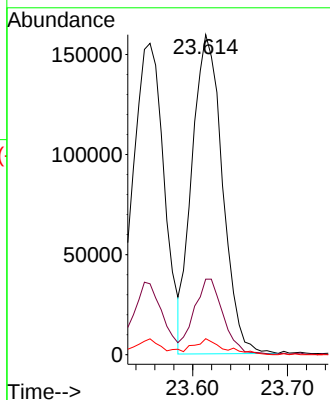
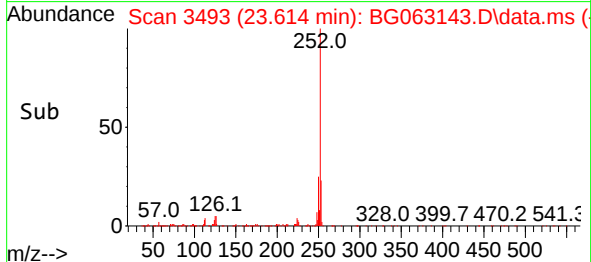
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion:252 Resp: 356114
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 5.0 3.0 4.6

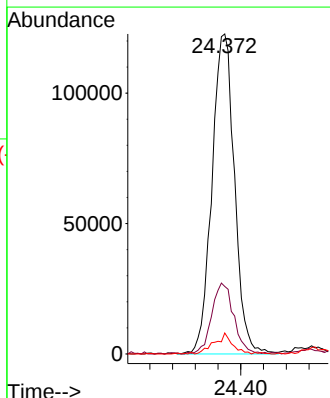
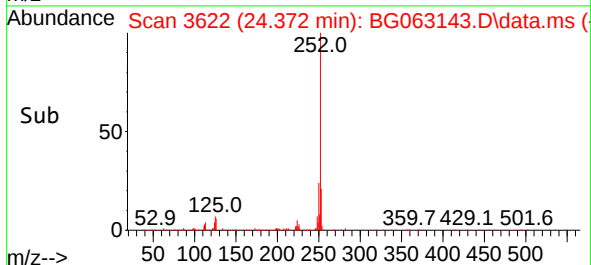
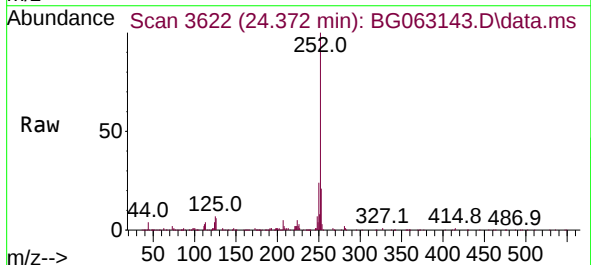
Manual Integrations
APPROVED

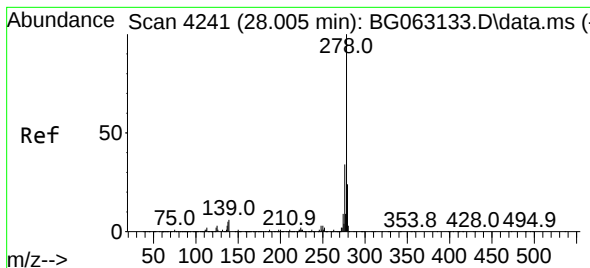
Reviewed By :Jagrut Upadhyay 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



#90
Benzo(a)pyrene
Concen: 3.710 ng
RT: 24.372 min Scan# 3622
Delta R.T. -0.009 min
Lab File: BG063143.D
Acq: 1 Nov 2024 11:43

Tgt Ion:252 Resp: 337628
Ion Ratio Lower Upper
252 100
253 21.1 16.9 25.3
125 6.5 3.7 5.5





#91

Dibenzo(a,h)anthracene

Concen: 3.501 ng

RT: 27.985 min Scan# 41

Delta R.T. -0.020 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:278 Resp: 350718

Ion Ratio Lower Upper

278 100

139 7.2 5.0 7.6

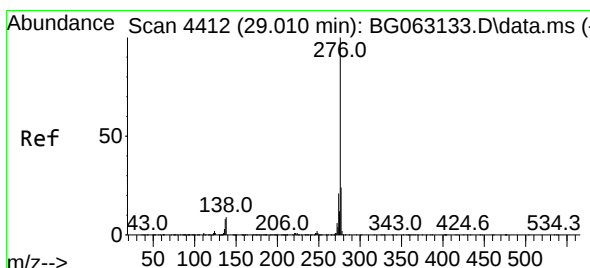
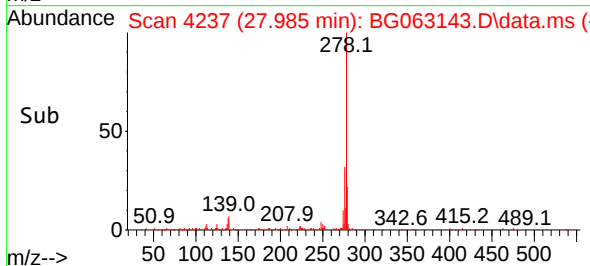
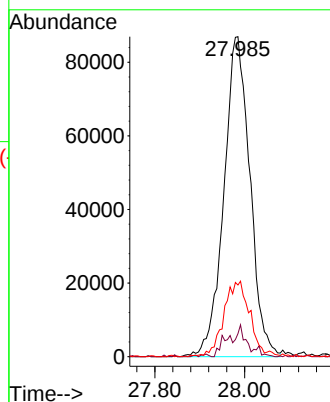
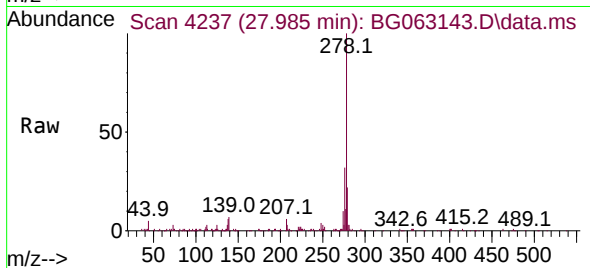
279 22.4 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/04/2024

Supervised By :mohammad ahmed 11/05/2024



#92

Benzo(g,h,i)perylene

Concen: 3.332 ng

RT: 28.996 min Scan# 4409

Delta R.T. -0.015 min

Lab File: BG063143.D

Acq: 1 Nov 2024 11:43

Tgt Ion:276 Resp: 330003

Ion Ratio Lower Upper

276 100

277 19.2 19.3 28.9#

138 8.3 7.0 10.4

