

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031124\
 Data File : BG060607.D
 Acq On : 11 Mar 2024 12:04
 Operator : MA/JU
 Sample : P1601-05
 Misc : SFAM-MDL-ME SOIL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-01

Quant Time: Mar 11 13:45:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 15:23:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.327	152	92049	20.000	ng/u1	0.00
20) Naphthalene-d8	11.170	136	447738	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.954	164	301902	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.704	188	659968	20.000	ng/u1	0.00
79) Chrysene-d12	22.022	240	568922	20.000	ng/u1	0.00
88) Perylene-d12	25.583	264	634261	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.609	96	12454	5.108	ng/uL	0.00
4) Pyridine-d5	4.049	84	166453	21.817	ng/u1	0.00
7) Phenol-d5	7.428	99	204643	21.574	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.645	67	131356	21.362	ng/u1	0.00
11) 2-Chlorophenol-d4	7.839	132	148111	22.333	ng/u1	0.00
15) 4-Methylphenol-d8	9.002	113	155090	21.057	ng/u1	0.00
21) Nitrobenzene-d5	9.519	128	67890	23.779	ng/u1	0.00
24) 2-Nitrophenol-d4	10.242	143	63909	22.708	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.765	165	153732	21.218	ng/u1	0.00
31) 4-Chloroaniline-d4	11.311	131	231274	20.535	ng/u1	0.00
46) Dimethylphthalate-d6	14.349	166	518349	21.657	ng/u1	0.00
49) Acenaphthylene-d8	14.655	160	610283	21.777	ng/u1	0.00
54) 4-Nitrophenol-d4	15.113	143	70247	19.473	ng/u1	0.00
60) Fluorene-d10	15.941	176	455808	21.672	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.041	200	42978	16.044	ng/u1	0.00
73) Anthracene-d10	17.804	188	647572	19.966	ng/u1	0.00
81) Pyrene-d10	20.072	212	755651	22.046	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.336	264	719412	21.921	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.650	88	2676	1.035	ng/uL#	80
5) Pyridine	4.067	79	32069	4.144	ng/u1#	80
6) Benzaldehyde	7.469	77	26800	5.962	ng/u1	91
8) Phenol	7.463	94	40644	4.235	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.739	93	33908	4.448	ng/u1	98
12) 2-Chlorophenol	7.874	128	30164	4.344	ng/u1	96
13) 2-Methylphenol	8.738	108	29551	3.952	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.832	45	69737	4.524	ng/u1	99
16) Acetophenone	9.161	105	55455	4.413	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.126	70	28902	4.690	ng/u1#	93
18) 4-Methylphenol	9.073	108	33852	4.157	ng/u1	94
19) Hexachloroethane	9.414	117	12369	4.547	ng/u1	84
22) Nitrobenzene	9.566	77	37897	4.751	ng/u1	97
23) Isophorone	10.072	82	77867	4.109	ng/u1	99
25) 2-Nitrophenol	10.271	139	15114	4.663	ng/u1#	87
26) 2,4-Dimethylphenol	10.295	107	25305	2.875	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.559	93	46427	4.213	ng/u1	97
29) 2,4-Dichlorophenol	10.794	162	32686	4.516	ng/u1	97
30) Naphthalene	11.223	128	118664	4.483	ng/u1	99
32) 4-Chloroaniline	11.335	127	46540	4.234	ng/u1	98
33) Hexachlorobutadiene	11.458	225	24064	4.494	ng/u1	95
34) Caprolactam	12.122	113	11568m	4.668	ng/u1	
35) 4-Chloro-3-methylphenol	12.398	107	36687	4.224	ng/u1	99
36) 2-Methylnaphthalene	12.804	142	78374	4.506	ng/u1	93

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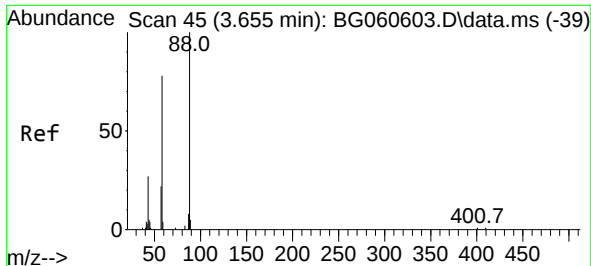
Manual Integrations
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 Supervised By :mohammad ahmed 03/12/2024

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

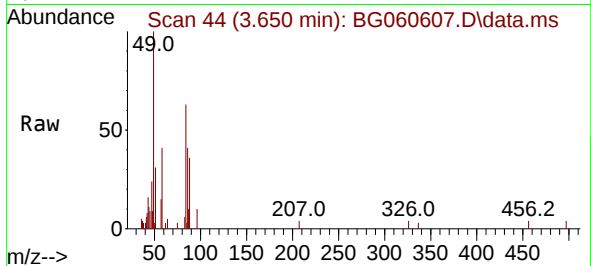
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.021	142	80353	4.612	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.139	216	42882	4.315	ng/ul	93
40) Hexachlorocyclopentadiene	13.098	237	24561	4.058	ng/ul	95
41) 2,4,6-Trichlorophenol	13.380	196	24216	3.914	ng/ul	96
42) 2,4,5-Trichlorophenol	13.444	196	26161	3.964	ng/ul	97
43) 1,1'-Biphenyl	13.791	154	106601	4.398	ng/ul	98
44) 2-Chloronaphthalene	13.844	162	80292	4.174	ng/ul	95
45) 2-Nitroaniline	14.049	65	20531	3.907	ng/ul	93
47) Dimethylphthalate	14.396	163	107038	4.394	ng/ul	99
48) 2,6-Dinitrotoluene	14.537	165	14609	4.173	ng/ul	88
50) Acenaphthylene	14.684	152	141828	4.428	ng/ul	99
51) 3-Nitroaniline	14.866	138	16861	4.088	ng/ul#	88
52) Acenaphthene	15.013	153	92977	4.373	ng/ul	99
53) 2,4-Dinitrophenol	15.066	184	7719	4.336	ng/ul#	76
55) 4-Nitrophenol	15.125	109	14561	4.179	ng/ul	91
56) Dibenzofuran	15.348	168	125131	4.384	ng/ul	98
57) 2,4-Dinitrotoluene	15.307	165	19238	4.045	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.553	232	20673	3.677	ng/ul#	91
59) Diethylphthalate	15.741	149	105964	4.265	ng/ul	99
61) Fluorene	15.994	166	107426	4.543	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.976	204	52866	4.465	ng/ul	98
63) 4-Nitroaniline	16.029	138	17900m	4.357	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.059	198	10868	3.674	ng/ul	93
67) N-Nitrosodiphenylamine	16.194	169	90052	4.271	ng/ul	96
68) 4-Bromophenyl-phenylether	16.875	248	33269	4.385	ng/ul	91
69) Hexachlorobenzene	16.969	284	39345	4.338	ng/ul	94
70) Atrazine	17.128	200	36219	5.070	ng/ul	92
71) Pentachlorophenol	17.316	266	20382	4.078	ng/ul#	82
72) Phenanthrene	17.745	178	164745	4.350	ng/ul	98
74) Anthracene	17.833	178	160188	4.153	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.750	216	42386	4.300	ng/ul	95
76) Pentachlorobenzene	15.242	250	48313	4.760	ng/ul	96
77) Carbazole	18.109	167	134269	4.059	ng/ul	99
78) Di-n-butylphthalate	18.620	149	162677	4.026	ng/ul	98
80) Fluoranthene	19.737	202	178773	4.395	ng/ul#	96
82) Pyrene	20.101	202	197644	4.639	ng/ul	97
83) Butylbenzylphthalate	20.965	149	60851	3.883	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.917	252	66223	5.090	ng/ul	94
85) Benzo(a)anthracene	22.005	228	185373	4.387	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.846	149	93000	3.995	ng/ul#	99
87) Chrysene	22.075	228	171680	4.268	ng/ul	99
89) Di-n-octyl phthalate	23.186	149	149040	3.779	ng/ul	100
90) Benzo(b)fluoranthene	24.431	252	164410	4.264	ng/ul	97
91) Benzo(k)fluoranthene	24.514	252	168280	4.181	ng/ul	96
93) Benzo(a)pyrene	25.412	252	158529	4.239	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.707	276	193177m	4.182	ng/ul	
95) Dibenzo(a,h)anthracene	29.801	278	155332	4.116	ng/ul	98
96) Benzo(g,h,i)perylene	31.000	276	150738	4.065	ng/ul#	93

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



#2
1,4-Dioxane
Concen: 1.035 ng/uL
RT: 3.650 min Scan# 44
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

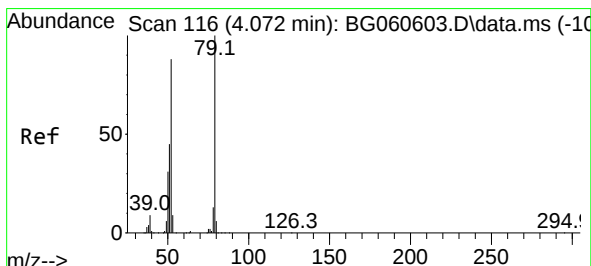
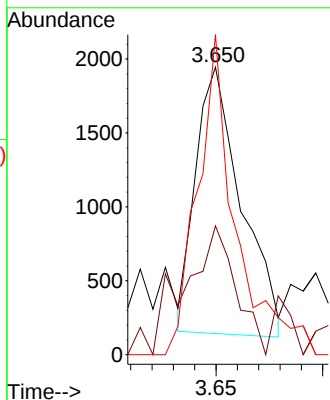
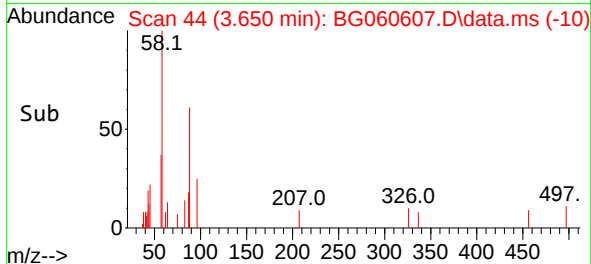
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 88 Resp: 2670
Ion Ratio Lower Upper
88 100
43 44.8 23.4 35.0
58 111.3 76.1 114.1

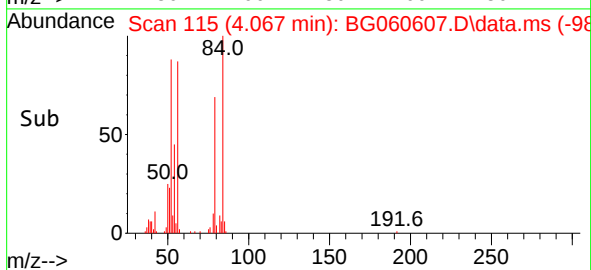
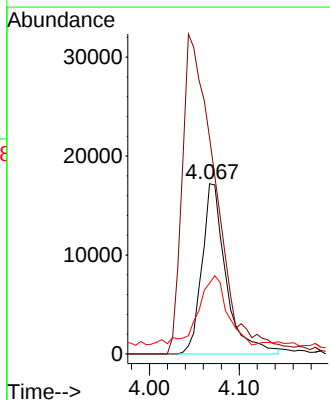
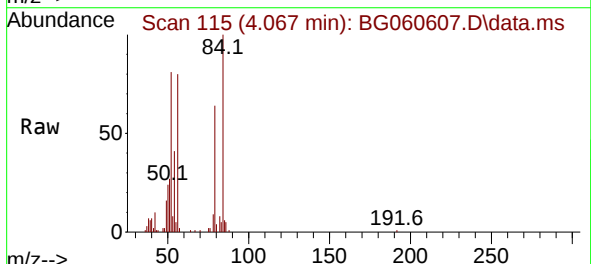
Manual Integrations
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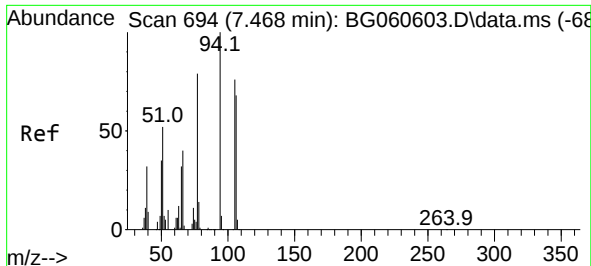
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#5
Pyridine
Concen: 4.144 ng/uL
RT: 4.067 min Scan# 115
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

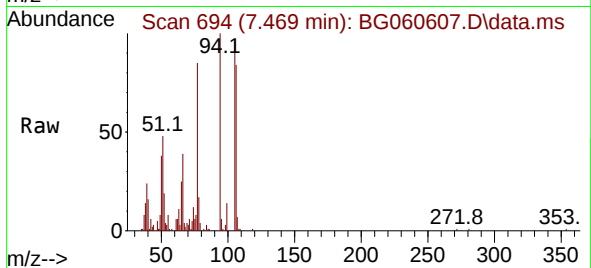
Tgt Ion: 79 Resp: 32069
Ion Ratio Lower Upper
79 100
52 127.1 80.5 120.7
51 41.7 35.8 53.6





#6
Benzaldehyde
Concen: 5.962 ng/ul
RT: 7.469 min Scan# 694
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

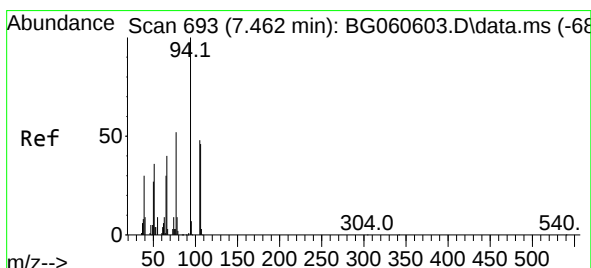
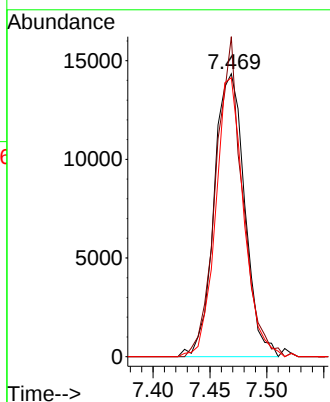
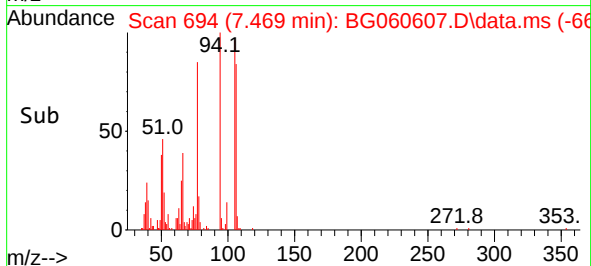
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 26800
Ion Ratio Lower Upper
77 100
105 113.1 75.9 113.9
106 98.6 78.5 117.7

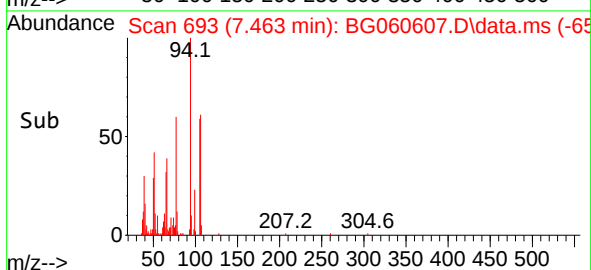
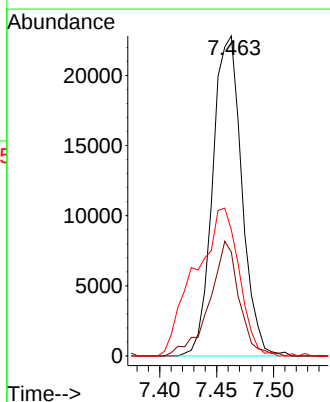
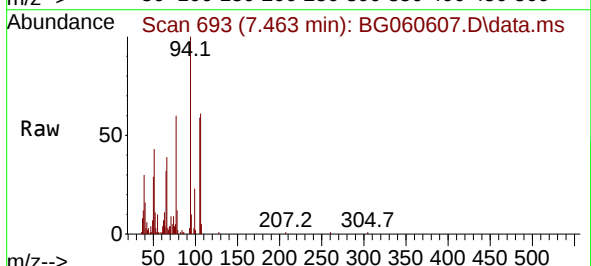
Manual Integrations
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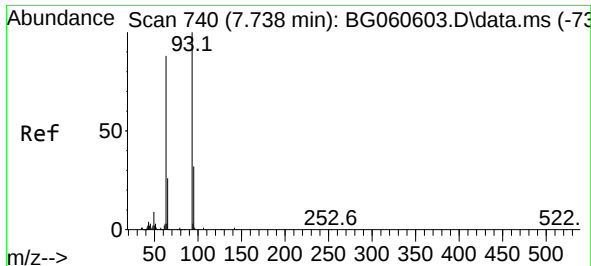
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#8
Phenol
Concen: 4.235 ng/ul
RT: 7.463 min Scan# 693
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

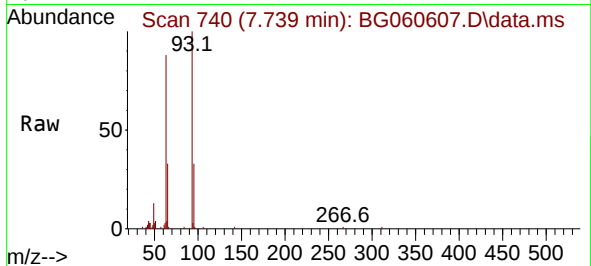
Tgt Ion: 94 Resp: 40644
Ion Ratio Lower Upper
94 100
65 32.4 26.7 40.1
66 39.4 33.1 49.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.448 ng/ul
RT: 7.739 min Scan# 740
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

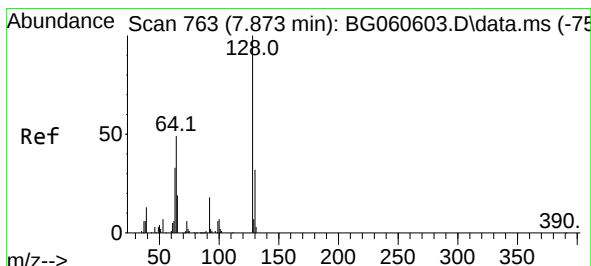
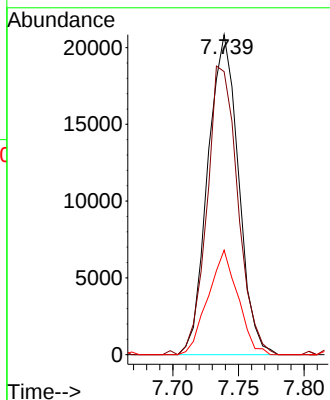
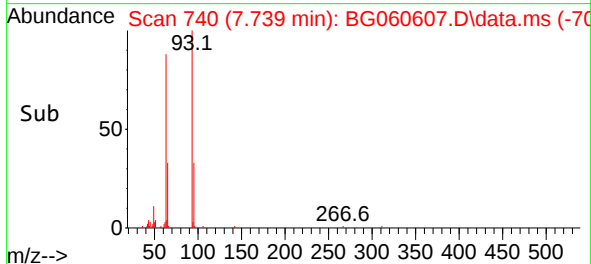
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 33908
Ion Ratio Lower Upper
93 100
63 88.4 72.2 108.4
95 32.6 27.3 40.9

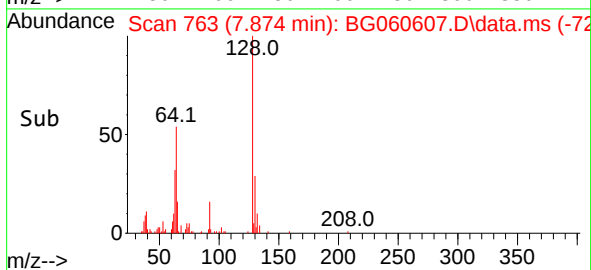
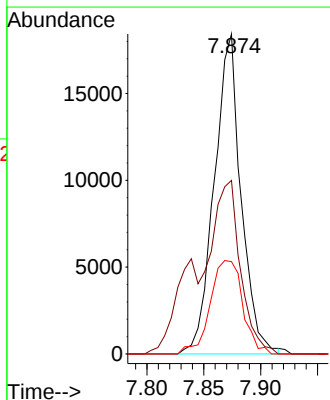
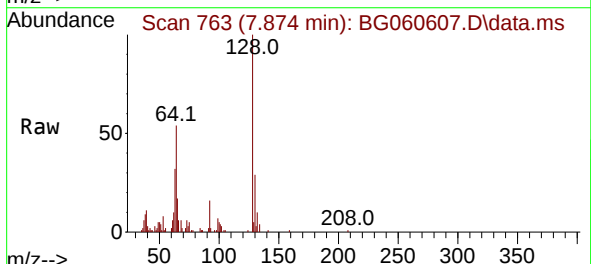
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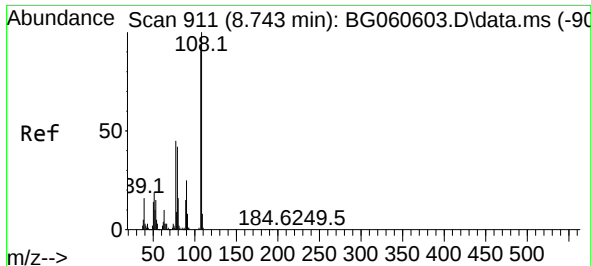
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#12
2-Chlorophenol
Concen: 4.344 ng/ul
RT: 7.874 min Scan# 763
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

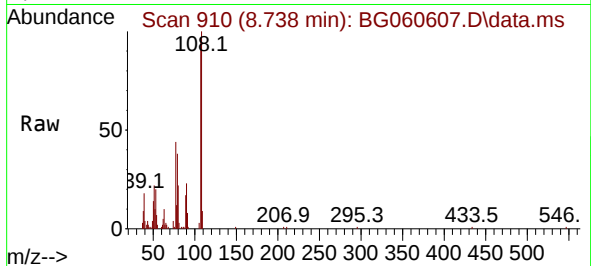
Tgt Ion:128 Resp: 30164
Ion Ratio Lower Upper
128 100
64 54.3 40.8 61.2
130 28.9 24.0 36.0





#13
2-Methylphenol
Concen: 3.952 ng/ul
RT: 8.738 min Scan# 911
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

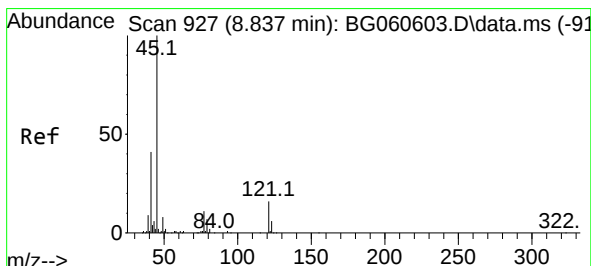
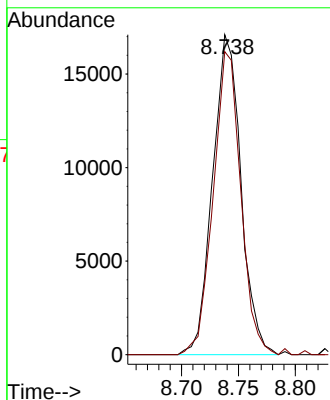
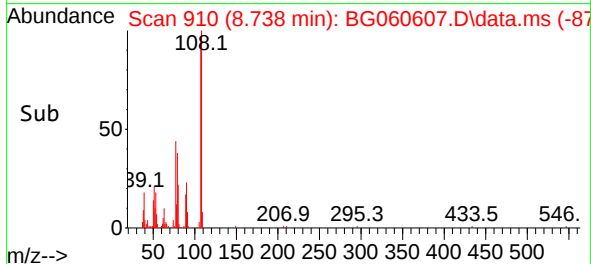
Instrument :
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ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:108 Resp: 2955
Ion Ratio Lower Upper
108 100
107 94.7 74.1 111.1

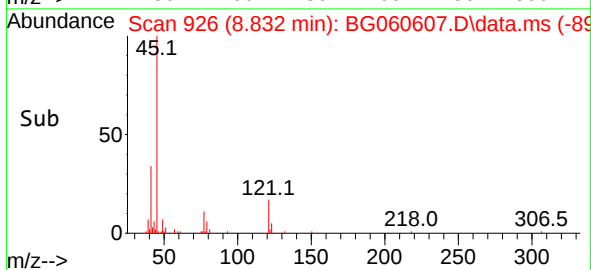
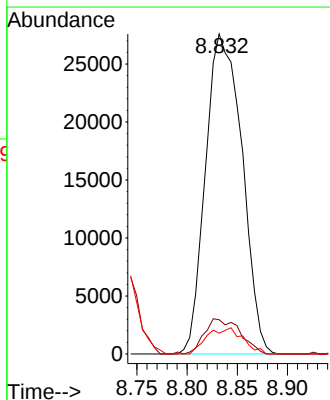
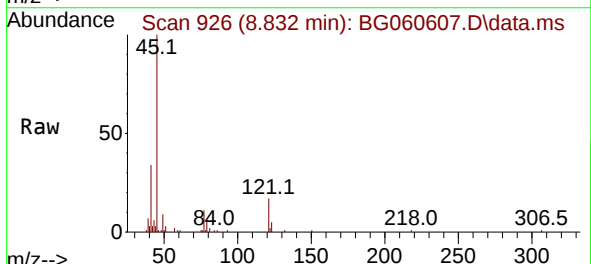
Manual Integrations
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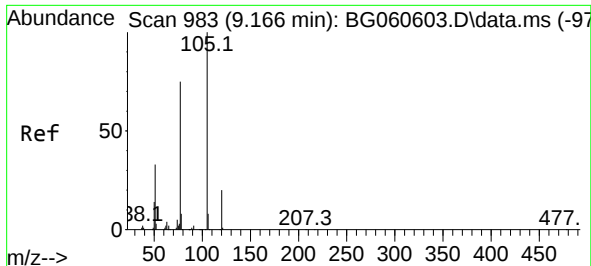
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.524 ng/ul
RT: 8.832 min Scan# 926
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion: 45 Resp: 69737
Ion Ratio Lower Upper
45 100
77 10.7 8.2 12.2
79 6.5 5.0 7.4





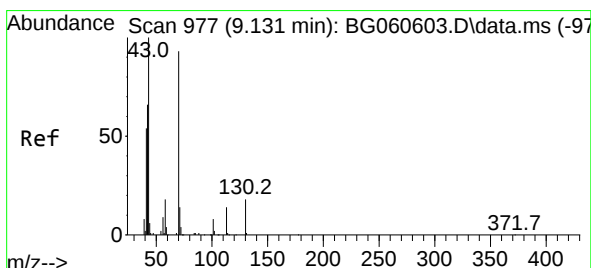
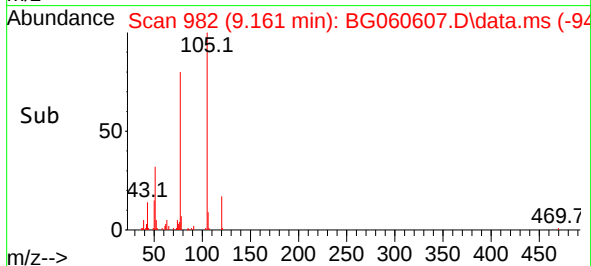
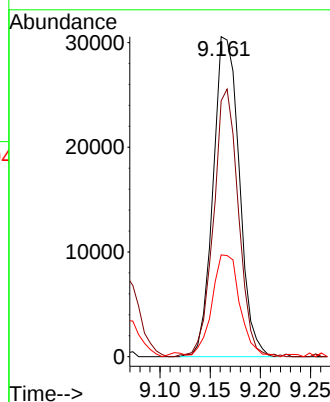
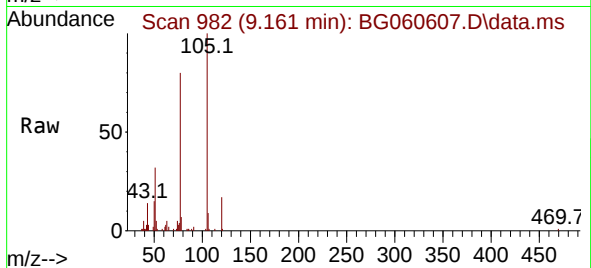
#16
Acetophenone
Concen: 4.413 ng/ul
RT: 9.161 min Scan# 916
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-01

Tgt Ion:105 Resp: 5545
Ion Ratio Lower Upper
105 100
77 80.0 60.2 90.4
51 31.8 25.1 37.7

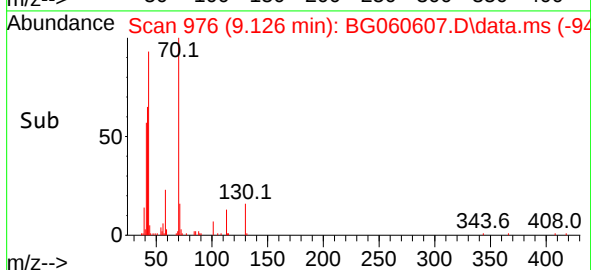
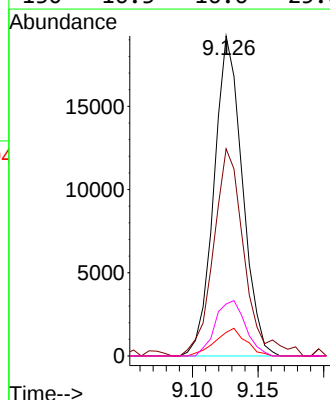
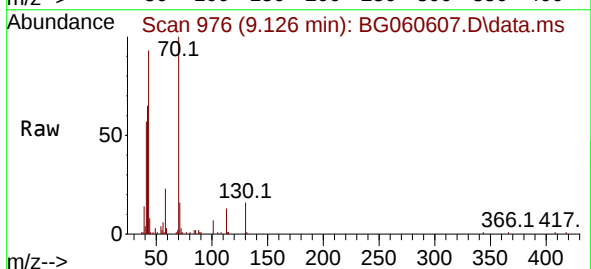
Manual Integrations
APPROVED

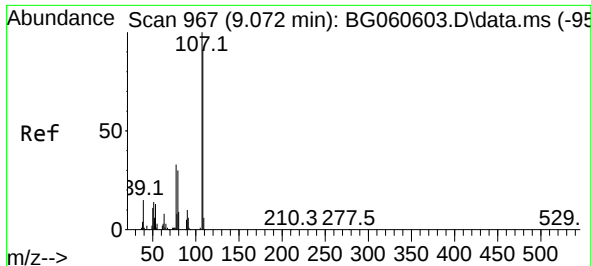
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.690 ng/ul
RT: 9.126 min Scan# 976
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion: 70 Resp: 28902
Ion Ratio Lower Upper
70 100
42 64.7 55.7 83.5
101 7.3 8.6 12.8#
130 16.3 16.6 25.0#





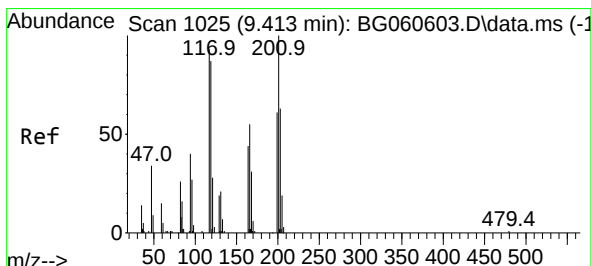
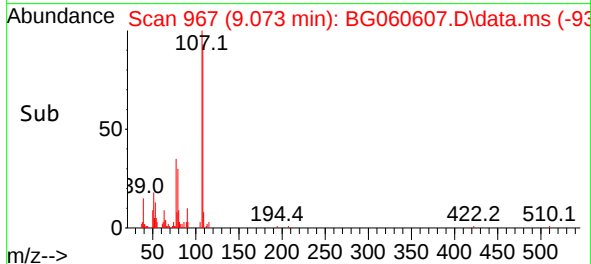
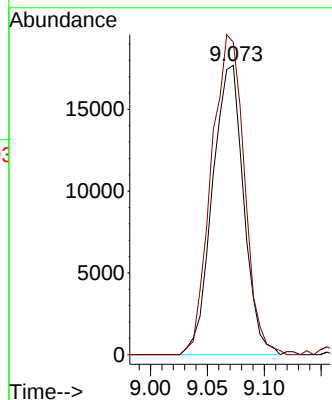
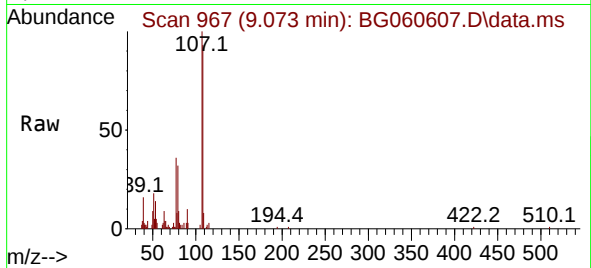
#18
4-Methylphenol
Concen: 4.157 ng/ul
RT: 9.073 min Scan# 90
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:108 Resp: 3385
Ion Ratio Lower Upper
108 100
107 108.0 91.8 137.6

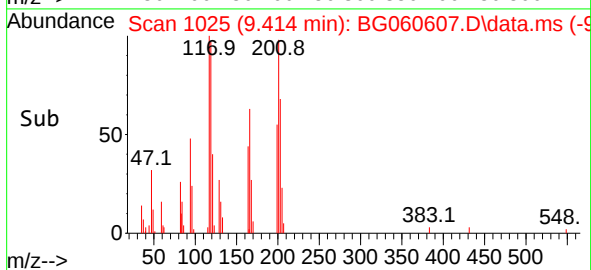
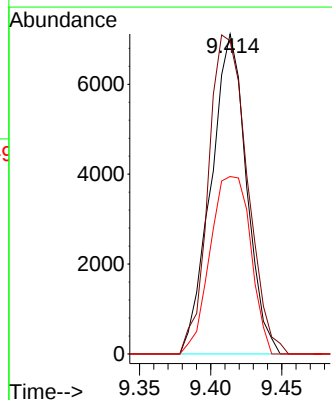
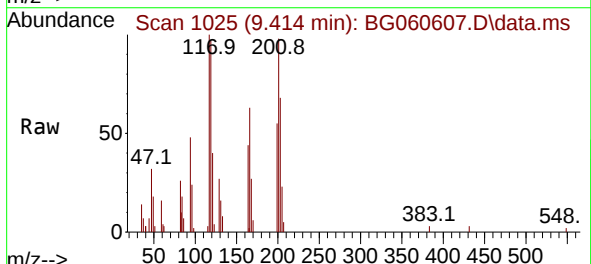
Manual Integrations
APPROVED

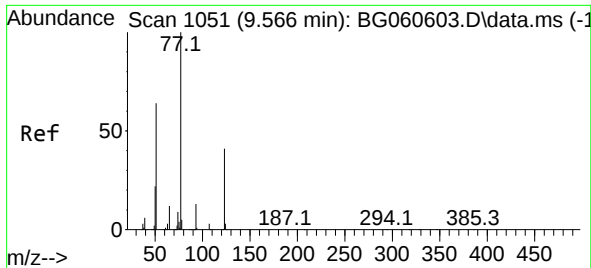
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#19
Hexachloroethane
Concen: 4.547 ng/ul
RT: 9.414 min Scan# 1025
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:117 Resp: 12369
Ion Ratio Lower Upper
117 100
201 97.9 93.2 139.8
199 55.4 53.3 79.9





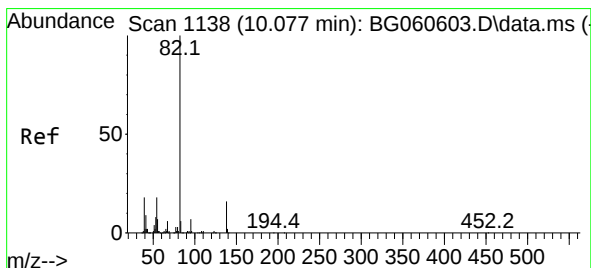
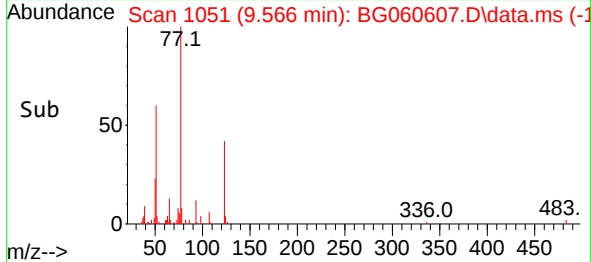
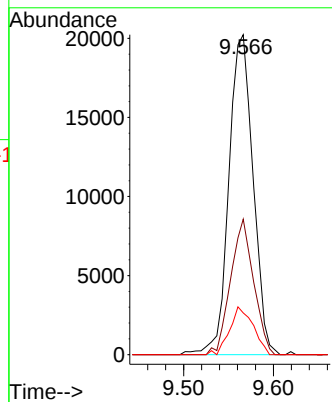
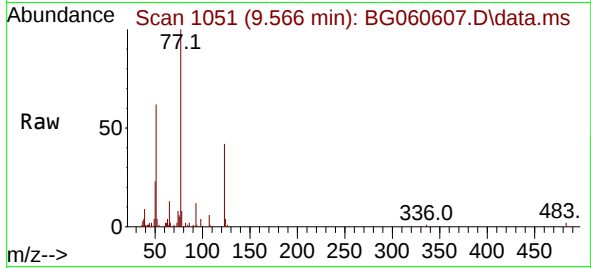
#22
Nitrobenzene
Concen: 4.751 ng/ul
RT: 9.566 min Scan# 1051
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.4	34.6	51.8
65	13.0	12.7	19.1

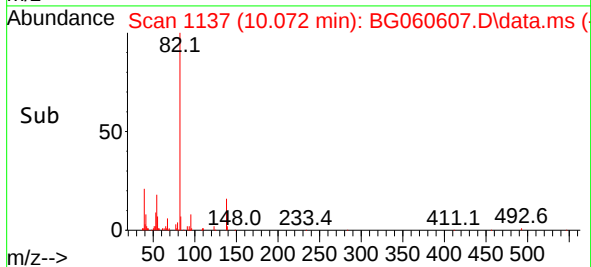
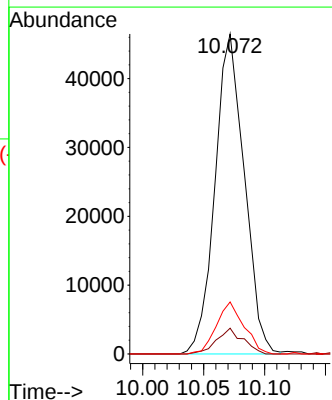
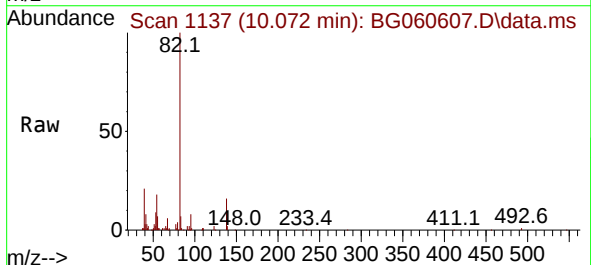
Manual Integrations
APPROVED

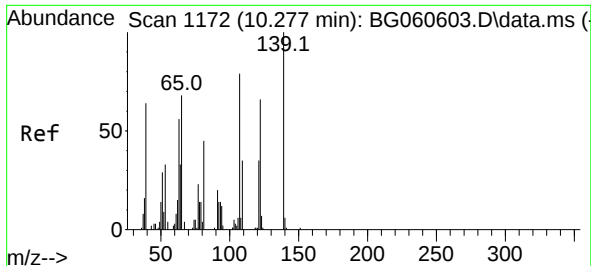
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#23
Isophorone
Concen: 4.109 ng/ul
RT: 10.072 min Scan# 1137
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.8	8.6
138	16.3	12.9	19.3





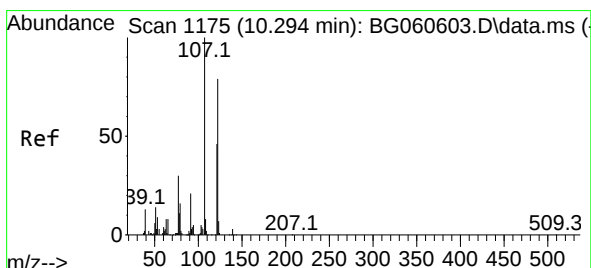
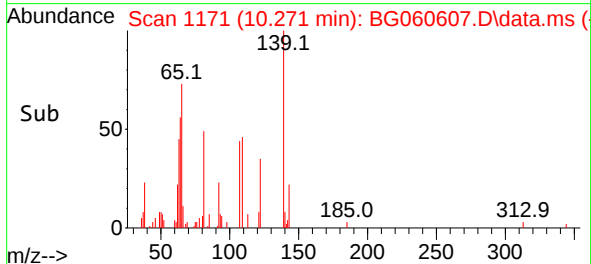
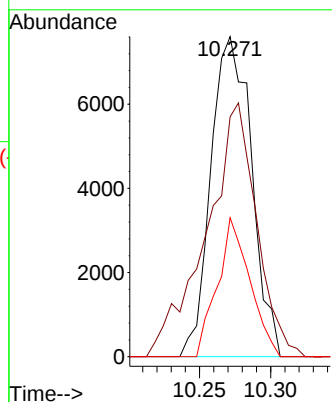
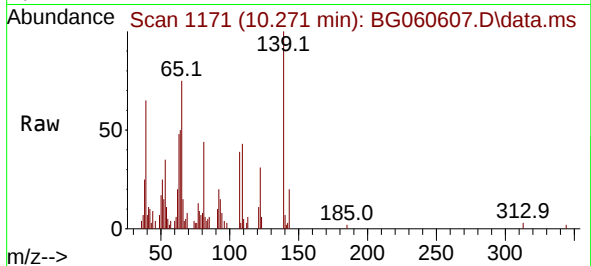
#25
2-Nitrophenol
Concen: 4.663 ng/ul
RT: 10.271 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-01

Tgt Ion:139 Resp: 15114
Ion Ratio Lower Upper
139 100
65 75.0 53.0 79.4
109 43.4 27.0 40.6

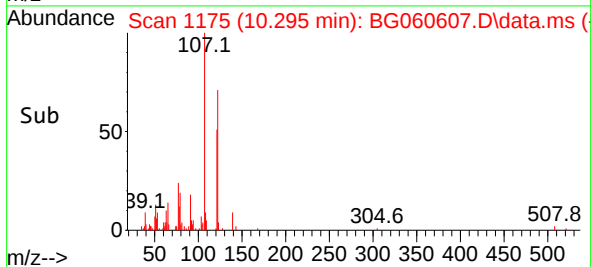
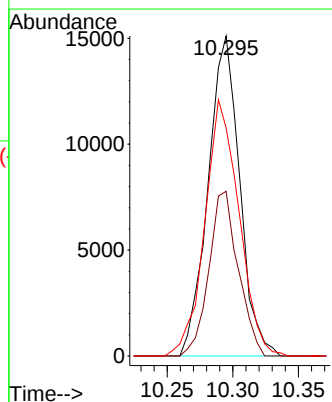
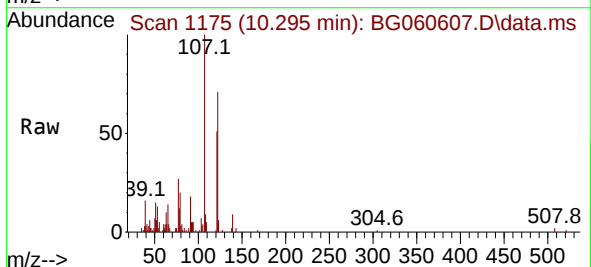
Manual Integrations
APPROVED

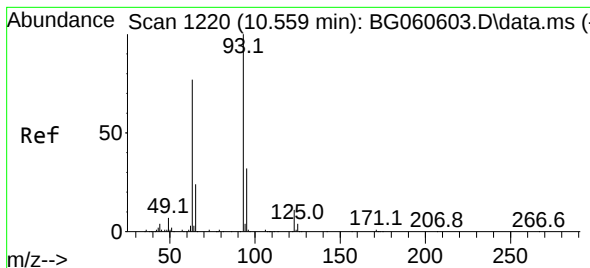
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#26
2,4-Dimethylphenol
Concen: 2.875 ng/ul
RT: 10.295 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:107 Resp: 25305
Ion Ratio Lower Upper
107 100
121 51.5 38.6 58.0
122 71.3 63.3 94.9





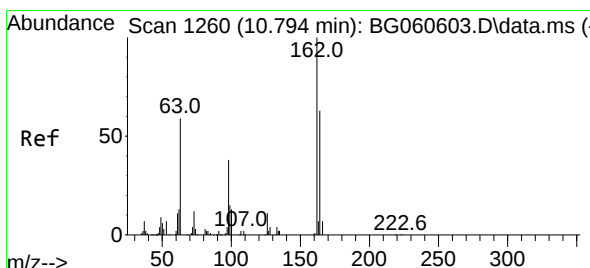
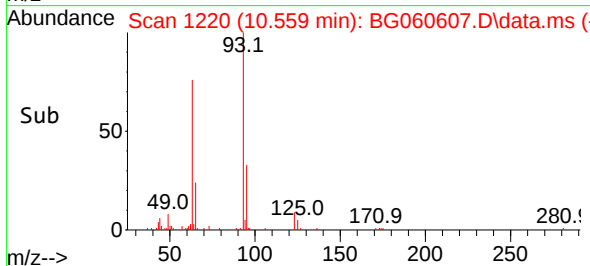
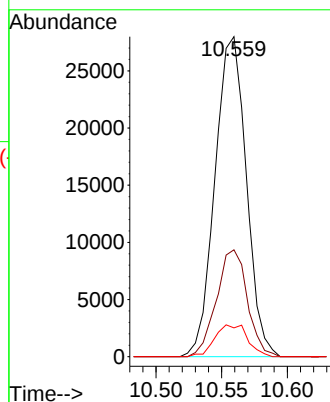
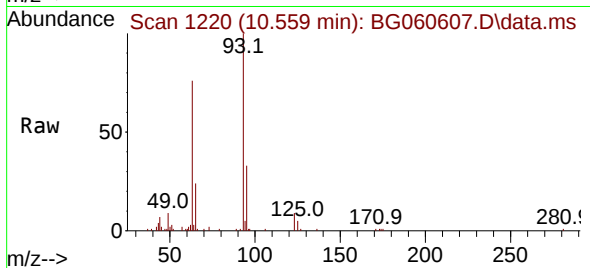
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.213 ng/ul
 RT: 10.559 min Scan# 1220
 Delta R.T. 0.001 min
 Lab File: BG060607.D
 Acq: 11 Mar 2024 12:04

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT1-2024-01

Tgt Ion: 93 Resp: 4642
 Ion Ratio Lower Upper
 93 100
 95 33.4 25.7 38.5
 123 9.0 8.6 13.0

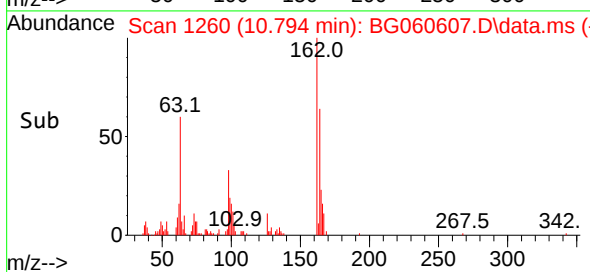
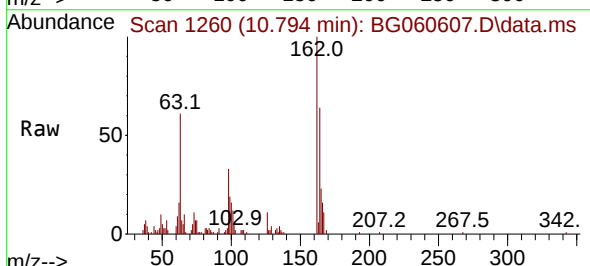
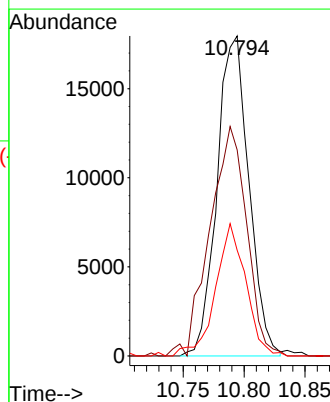
Manual Integrations
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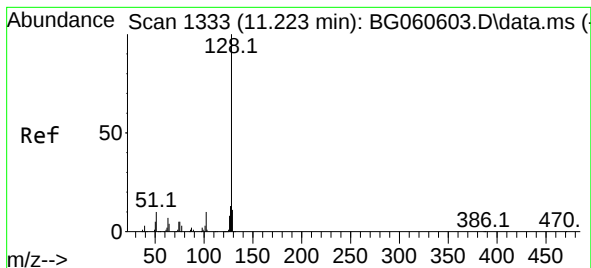
Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024



#29
 2,4-Dichlorophenol
 Concen: 4.516 ng/ul
 RT: 10.794 min Scan# 1260
 Delta R.T. 0.007 min
 Lab File: BG060607.D
 Acq: 11 Mar 2024 12:04

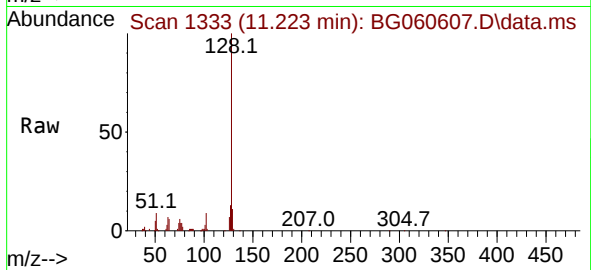
Tgt Ion:162 Resp: 32686
 Ion Ratio Lower Upper
 162 100
 164 64.4 52.6 78.8
 98 33.1 29.7 44.5





#30
Naphthalene
Concen: 4.483 ng/ul
RT: 11.223 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

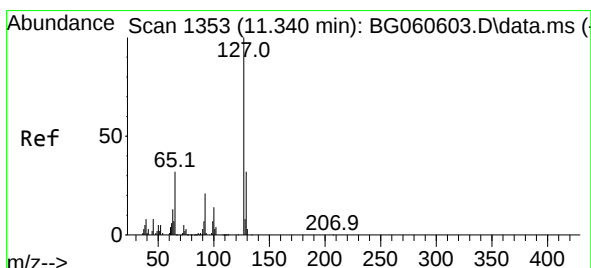
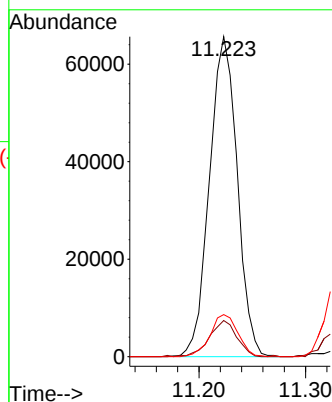
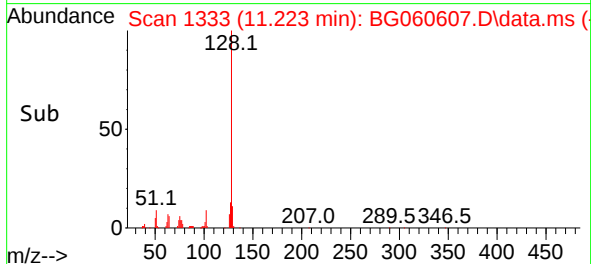
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 118664
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.1 11.0 16.4

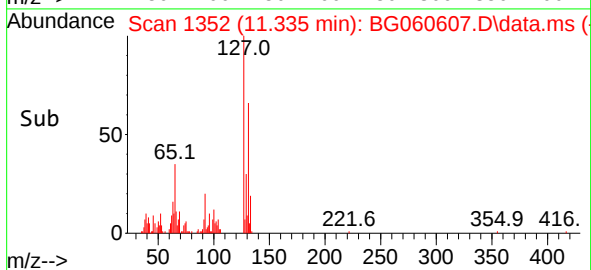
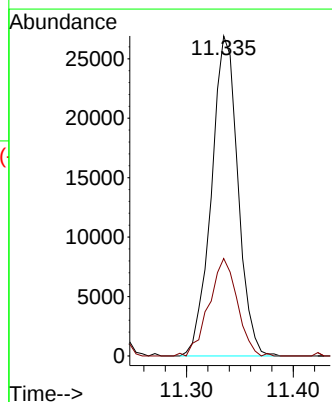
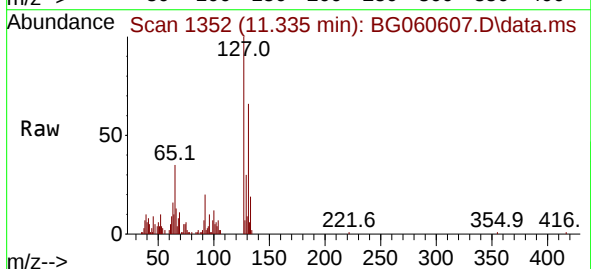
Manual Integrations
APPROVED

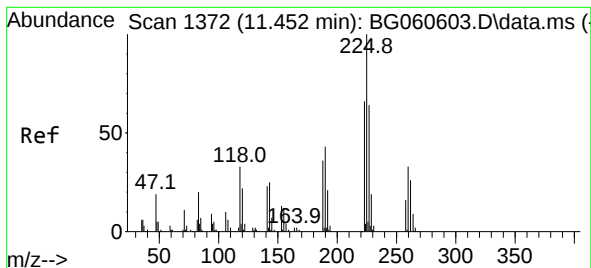
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#32
4-Chloroaniline
Concen: 4.234 ng/ul
RT: 11.335 min Scan# 1352
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

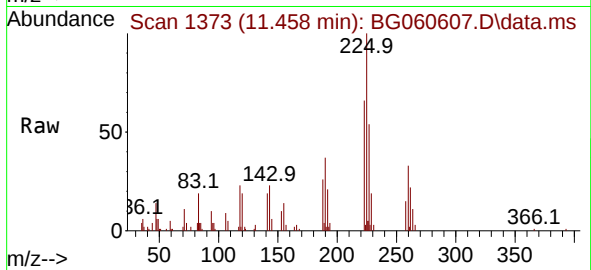
Tgt Ion:127 Resp: 46540
Ion Ratio Lower Upper
127 100
129 30.4 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.494 ng/ul
RT: 11.458 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

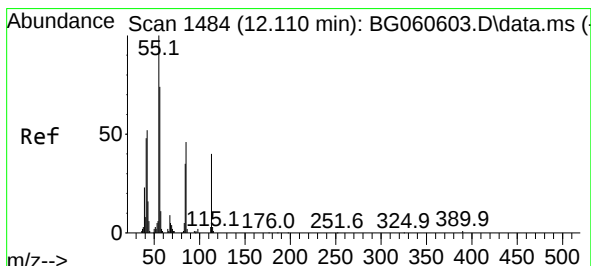
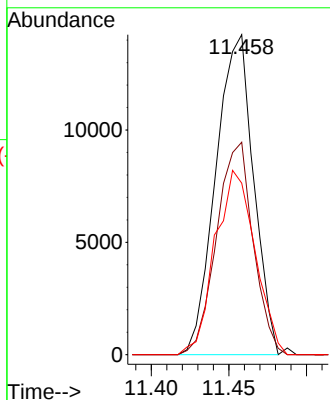
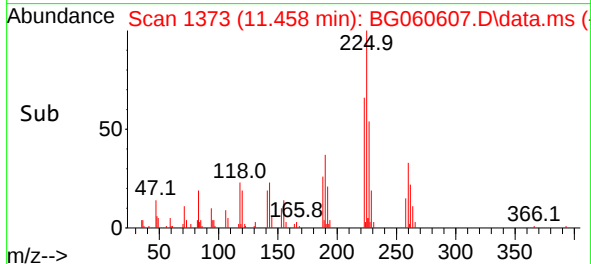
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:225 Resp: 24064
Ion Ratio Lower Upper
225 100
223 66.4 53.5 80.3
227 57.0 51.4 77.0

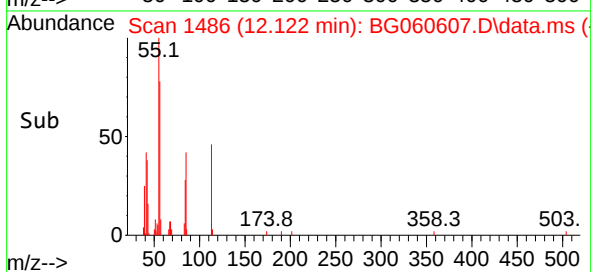
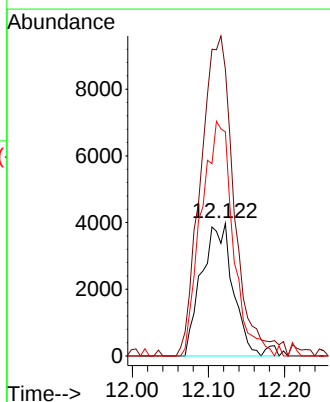
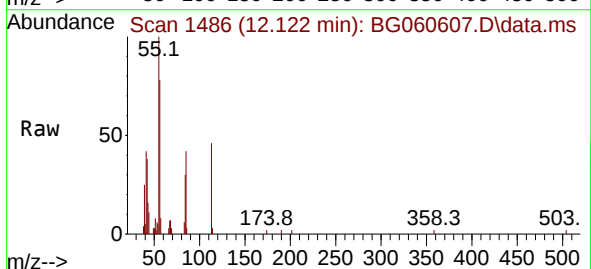
Manual Integrations
APPROVED

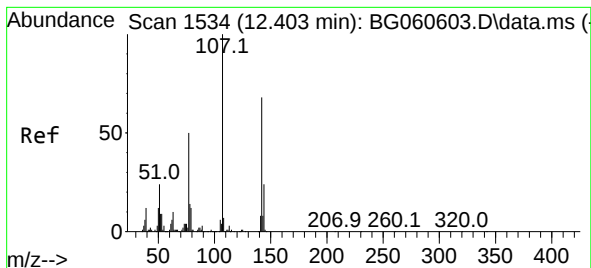
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#34
Caprolactam
Concen: 4.668 ng/ul m
RT: 12.122 min Scan# 1486
Delta R.T. 0.012 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:113 Resp: 11568
Ion Ratio Lower Upper
113 100
55 215.9 197.0 295.6
56 168.8 142.6 214.0





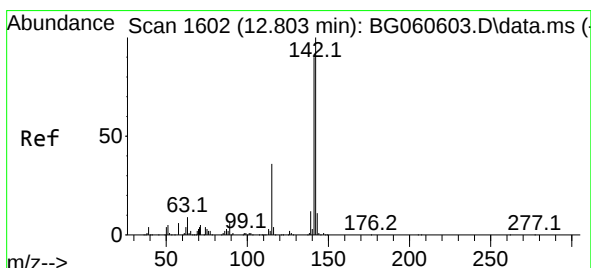
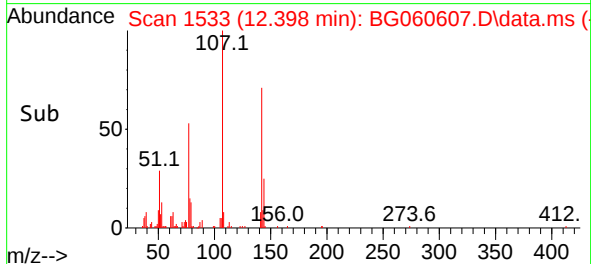
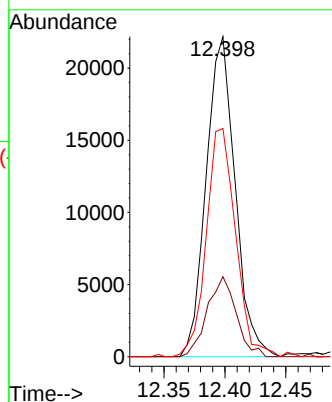
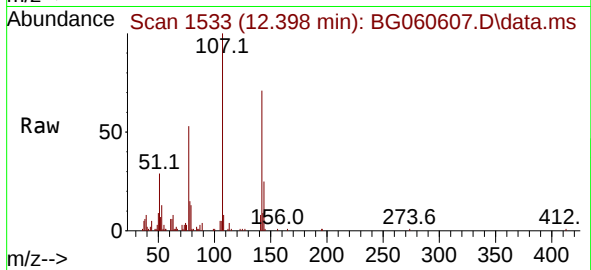
#35
4-Chloro-3-methylphenol
Concen: 4.224 ng/ul
RT: 12.398 min Scan# 1533
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:107 Resp: 3668
Ion Ratio Lower Upper
107 100
144 25.0 18.7 28.1
142 71.3 56.9 85.3

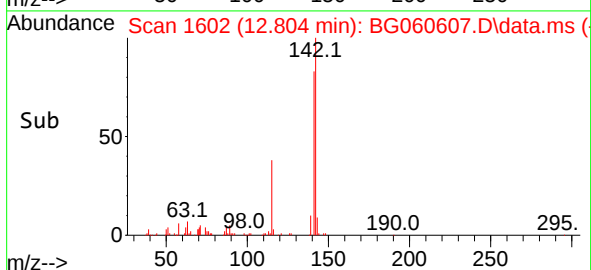
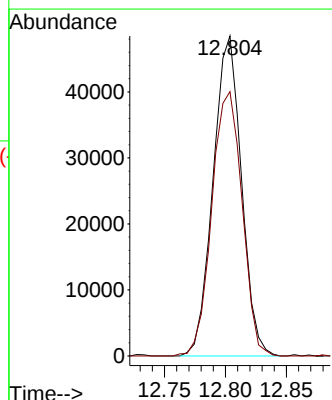
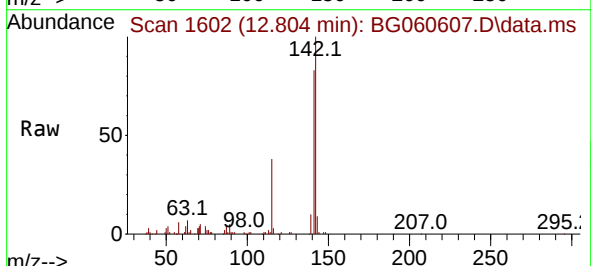
Manual Integrations
APPROVED

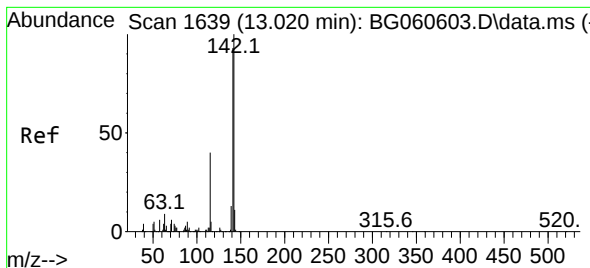
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#36
2-Methylnaphthalene
Concen: 4.506 ng/ul
RT: 12.804 min Scan# 1602
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:142 Resp: 78374
Ion Ratio Lower Upper
142 100
141 82.6 71.2 106.8





#37

1-Methylnaphthalene

Concen: 4.612 ng/ul

RT: 13.021 min Scan# 1

Delta R.T. 0.007 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

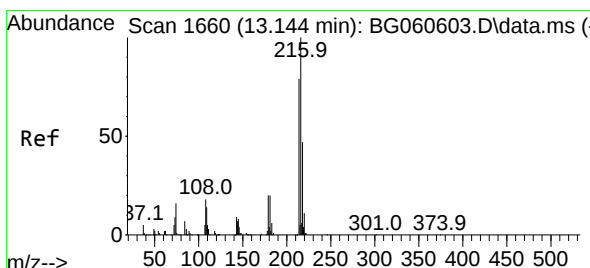
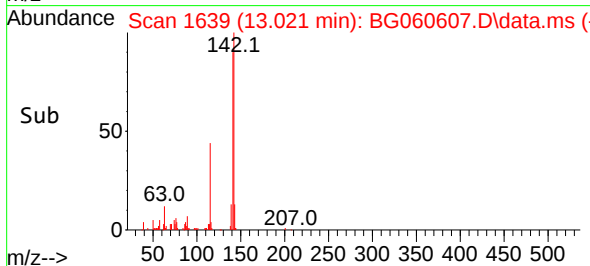
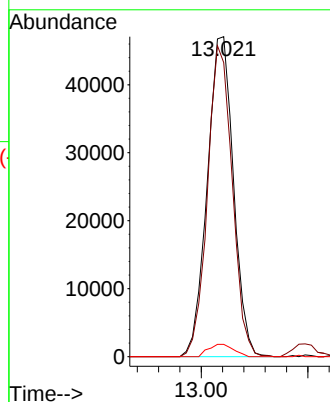
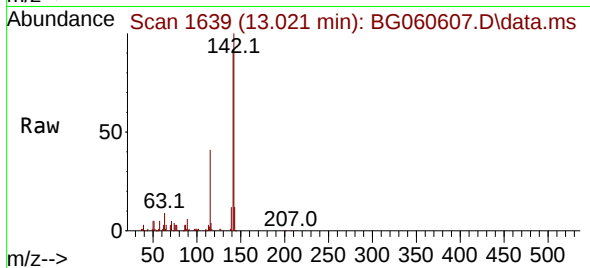
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:	142	Resp:	8035
Ion Ratio	Lower	Upper	
142	100		
141	91.9	73.1	109.7
116	3.8	3.8	5.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.315 ng/ul

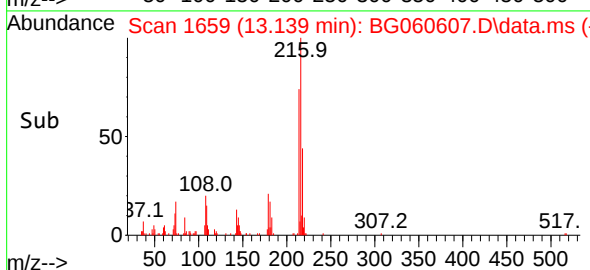
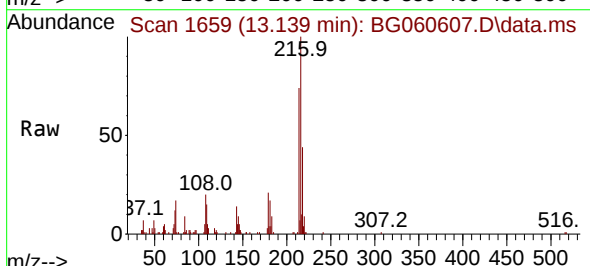
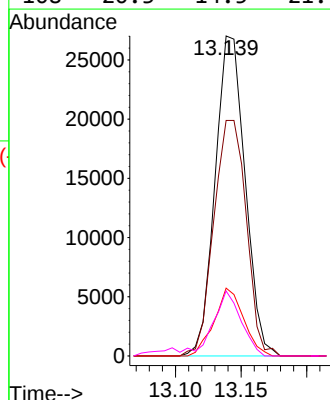
RT: 13.139 min Scan# 1659

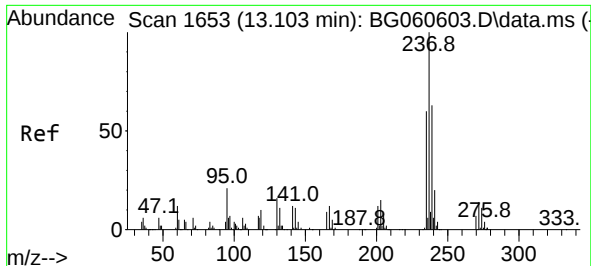
Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

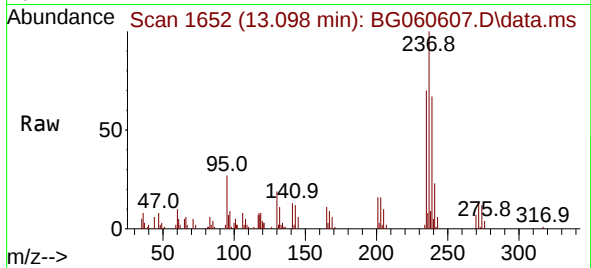
Tgt Ion:	216	Resp:	42882
Ion Ratio	Lower	Upper	
216	100		
214	73.6	64.6	96.8
179	21.2	16.1	24.1
108	20.3	14.5	21.7





#40
Hexachlorocyclopentadiene
Concen: 4.058 ng/ul
RT: 13.098 min Scan# 1653
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

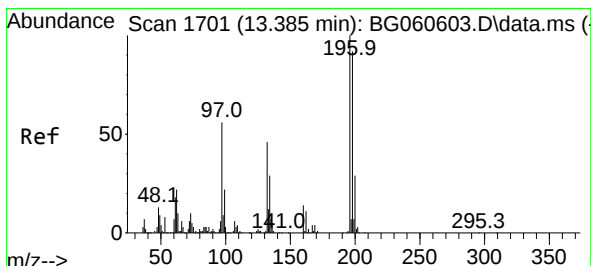
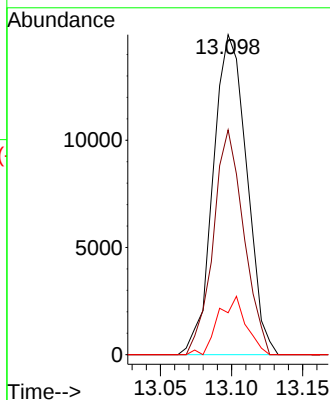
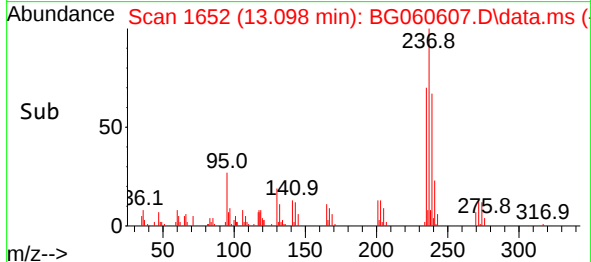
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:237 Resp: 2456
Ion Ratio Lower Upper
237 100
235 70.2 53.0 79.4
272 13.1 11.5 17.3

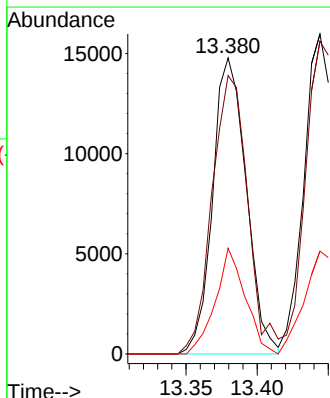
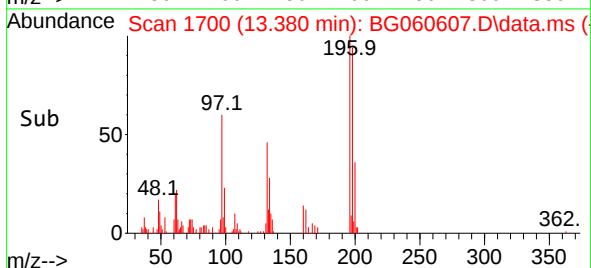
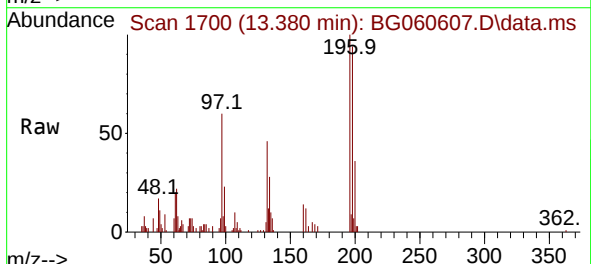
Manual Integrations
APPROVED

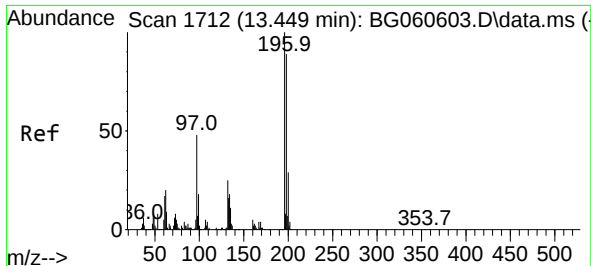
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#41
2,4,6-Trichlorophenol
Concen: 3.914 ng/ul
RT: 13.380 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

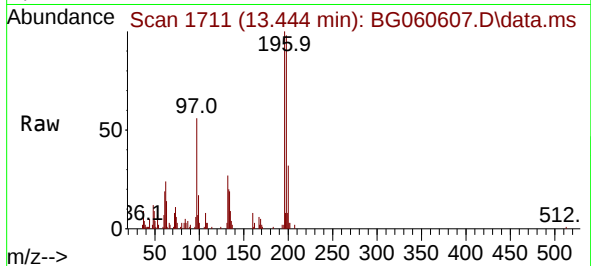
Tgt Ion:196 Resp: 24216
Ion Ratio Lower Upper
196 100
198 94.0 77.2 115.8
200 35.7 25.7 38.5





#42
2,4,5-Trichlorophenol
Concen: 3.964 ng/ul
RT: 13.444 min Scan# 1711
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

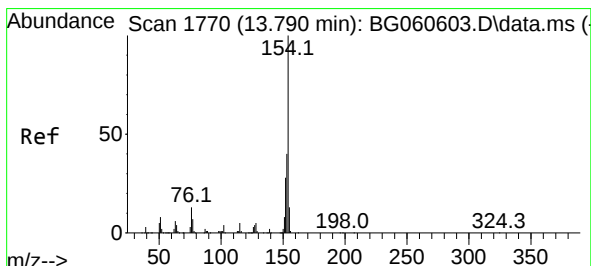
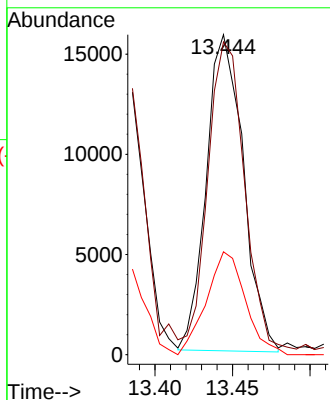
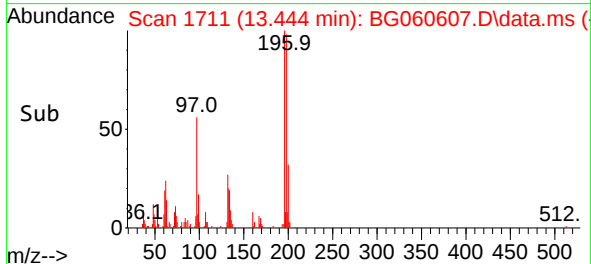
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:196 Resp: 2616
Ion Ratio Lower Upper
196 100
198 97.8 76.7 115.1
200 32.2 22.4 33.6

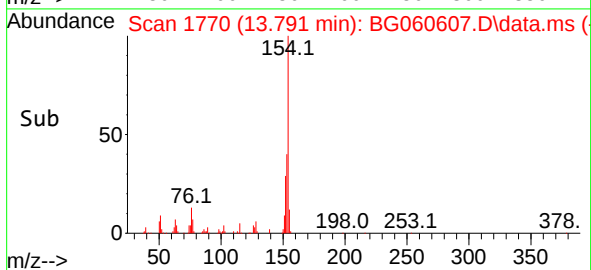
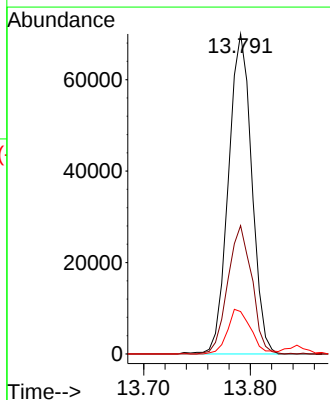
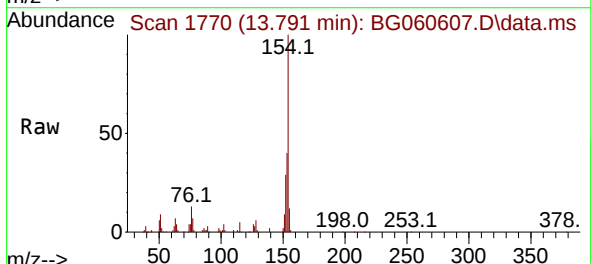
Manual Integrations
APPROVED

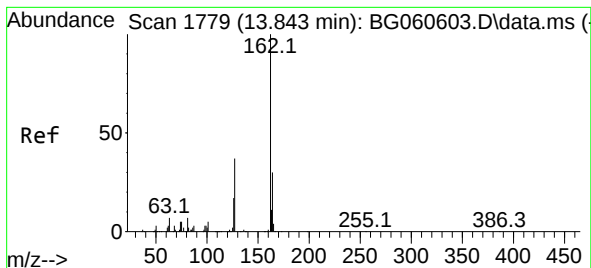
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#43
1,1'-Biphenyl
Concen: 4.398 ng/ul
RT: 13.791 min Scan# 1770
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

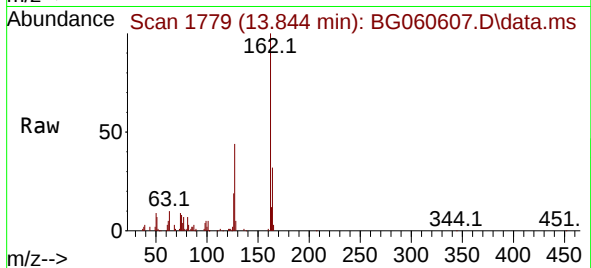
Tgt Ion:154 Resp: 106601
Ion Ratio Lower Upper
154 100
153 40.1 32.6 49.0
76 13.3 12.0 18.0





#44
2-Chloronaphthalene
Concen: 4.174 ng/ul
RT: 13.844 min Scan# 1779
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

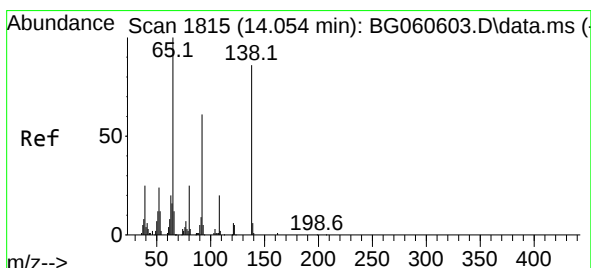
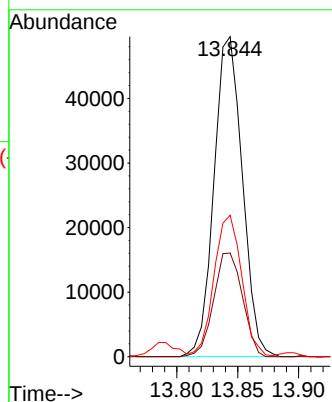
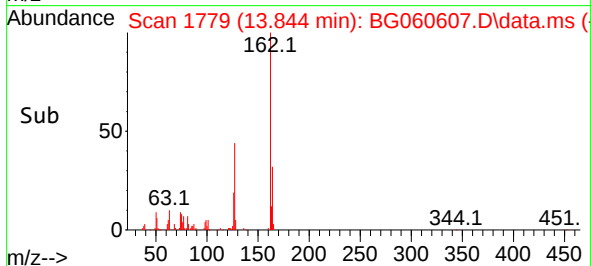
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:162 Resp: 8029
Ion Ratio Lower Upper
162 100
164 32.4 23.8 35.8
127 44.2 32.7 49.1

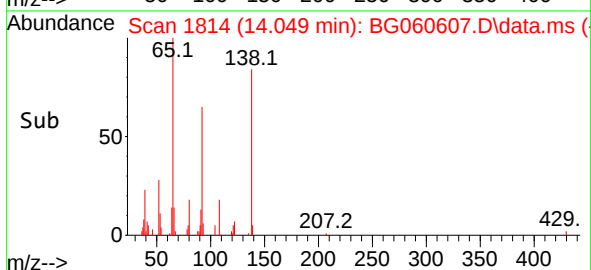
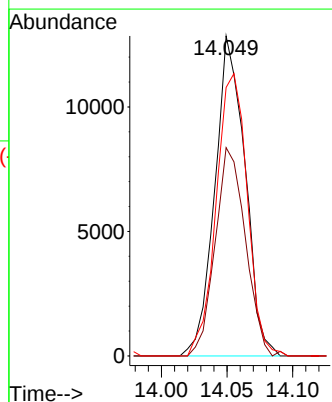
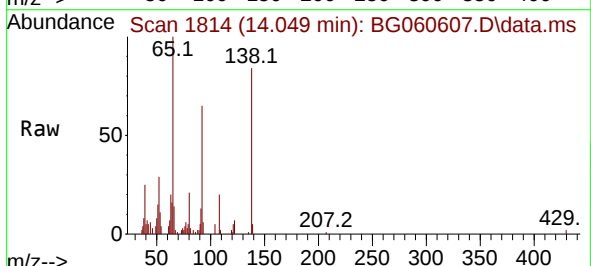
Manual Integrations
APPROVED

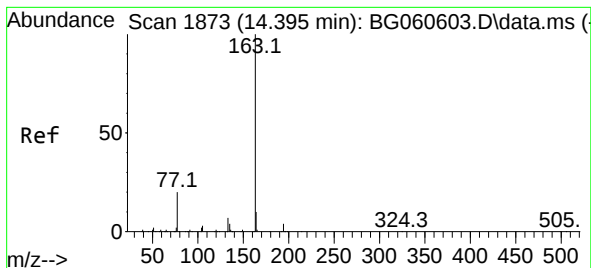
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#45
2-Nitroaniline
Concen: 3.907 ng/ul
RT: 14.049 min Scan# 1814
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion: 65 Resp: 20531
Ion Ratio Lower Upper
65 100
92 65.1 50.2 75.4
138 83.9 74.3 111.5





#47

Dimethylphthalate

Concen: 4.394 ng/ul

RT: 14.396 min Scan# 1873

Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

Tgt Ion:163 Resp: 107038

Ion Ratio Lower Upper

163 100

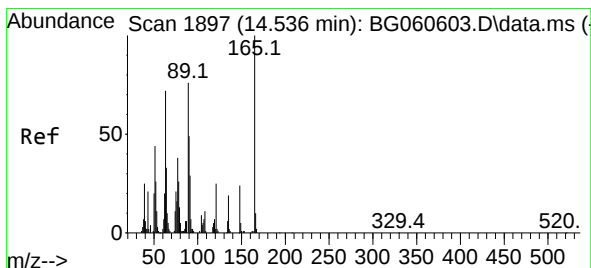
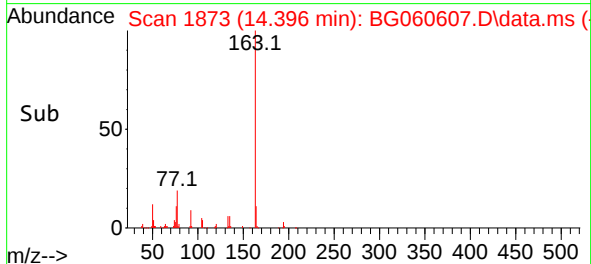
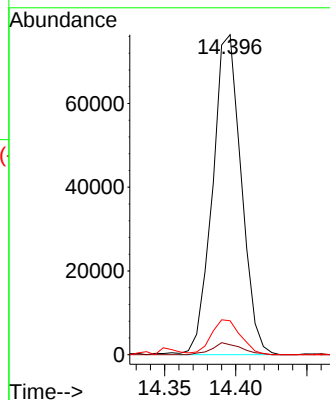
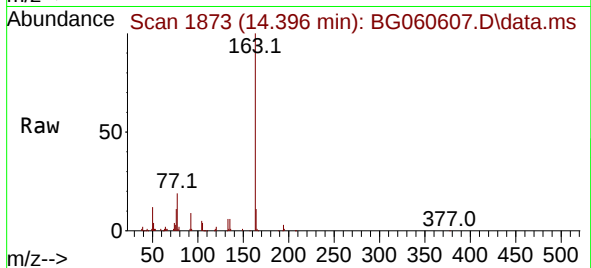
194 3.1 3.0 4.4

164 10.6 8.4 12.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#48

2,6-Dinitrotoluene

Concen: 4.173 ng/ul

RT: 14.537 min Scan# 1897

Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

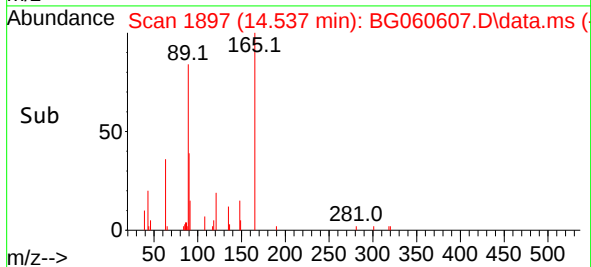
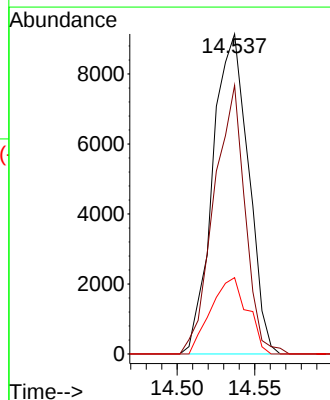
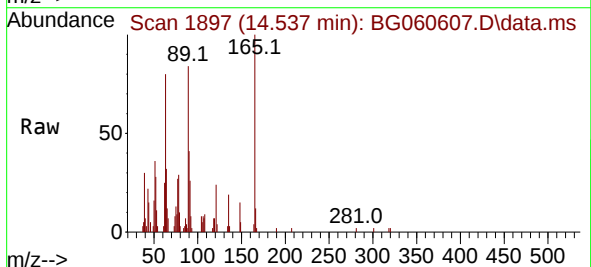
Tgt Ion:165 Resp: 14609

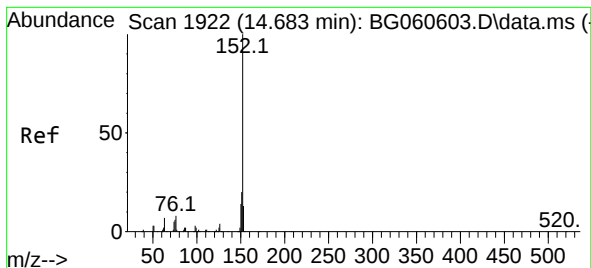
Ion Ratio Lower Upper

165 100

89 84.0 57.8 86.8

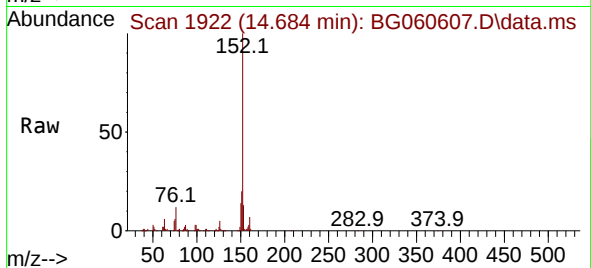
121 23.9 16.6 25.0





#50
Acenaphthylene
Concen: 4.428 ng/ul
RT: 14.684 min Scan# 1922
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

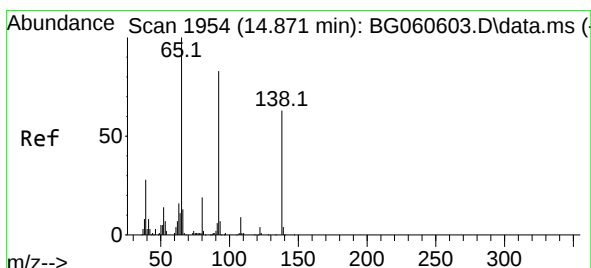
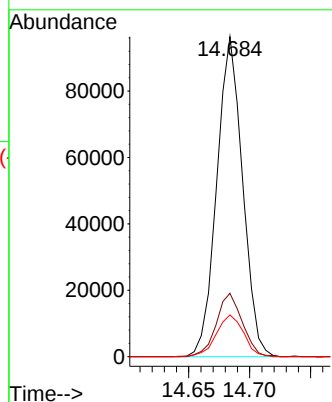
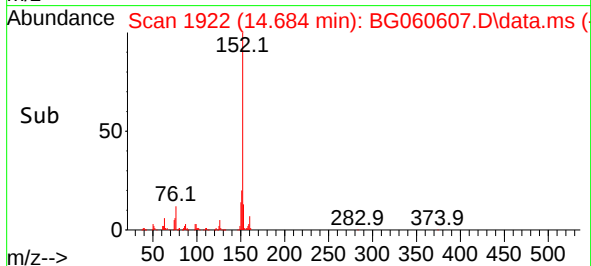
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



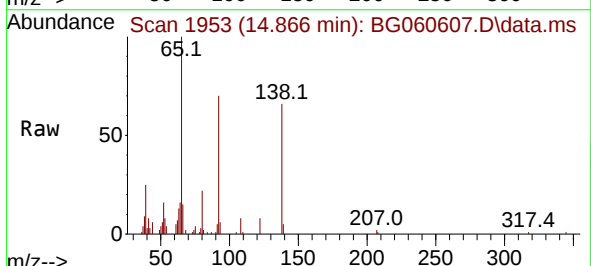
Tgt Ion:152 Resp: 141828
Ion Ratio Lower Upper
152 100
151 19.8 16.1 24.1
153 13.0 10.7 16.1

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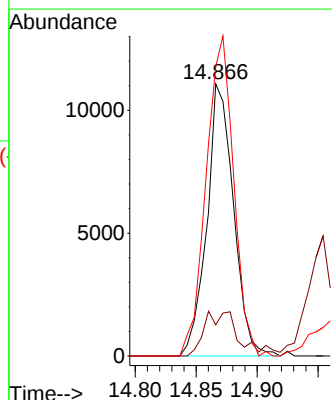
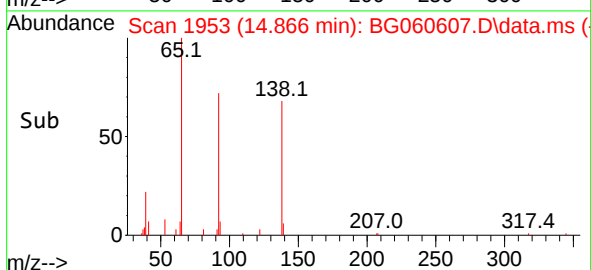
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

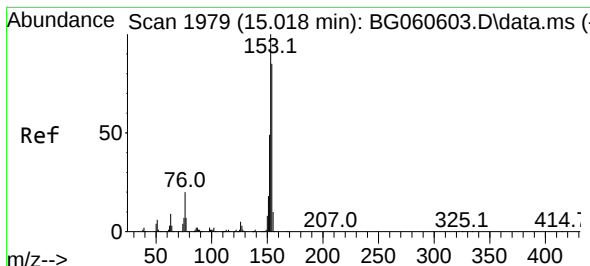


#51
3-Nitroaniline
Concen: 4.088 ng/ul
RT: 14.866 min Scan# 1953
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04



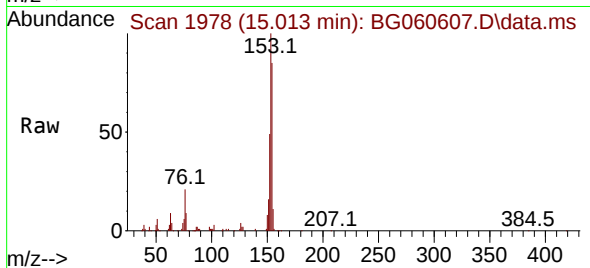
Tgt Ion:138 Resp: 16861
Ion Ratio Lower Upper
138 100
108 11.5 12.6 18.8#
92 106.3 96.2 144.2





#52
Acenaphthene
Concen: 4.373 ng/ul
RT: 15.013 min Scan# 1979
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

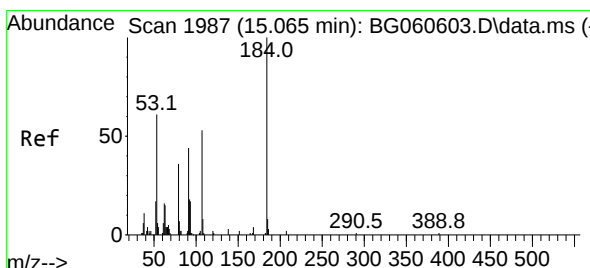
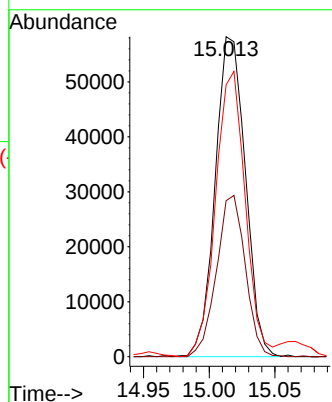
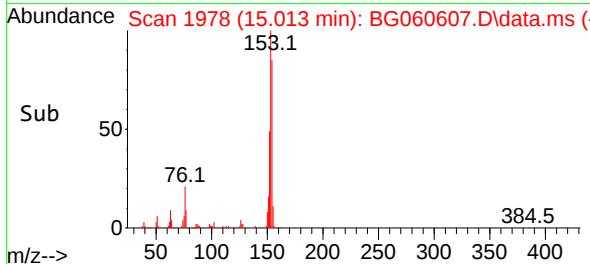
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



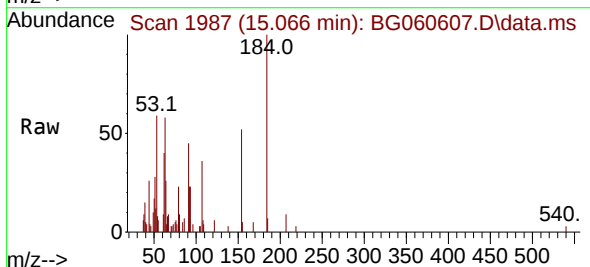
Tgt Ion:153 Resp: 9297
Ion Ratio Lower Upper
153 100
152 48.7 37.5 56.3
154 85.0 67.7 101.5

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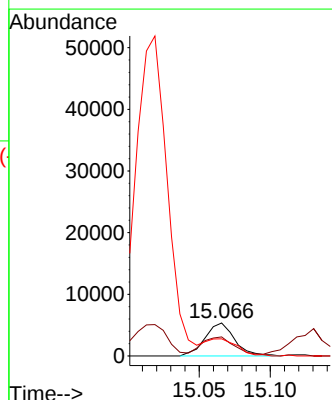
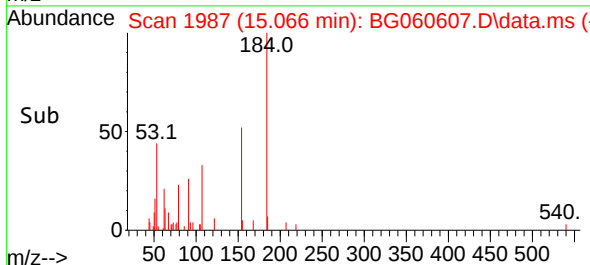
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

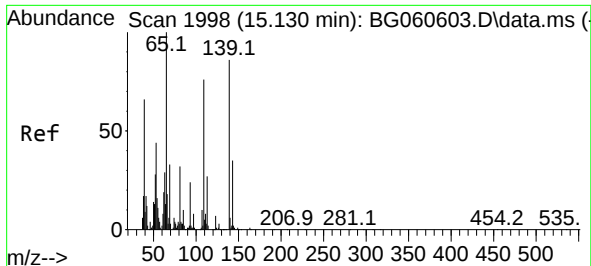


#53
2,4-Dinitrophenol
Concen: 4.336 ng/ul
RT: 15.066 min Scan# 1987
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04



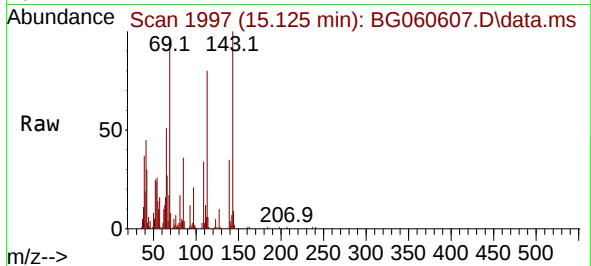
Tgt Ion:184 Resp: 7719
Ion Ratio Lower Upper
184 100
63 57.7 65.4 98.2#
154 51.7 54.4 81.6#





#55
4-Nitrophenol
Concen: 4.179 ng/ul
RT: 15.125 min Scan# 1998
Delta R.T. -0.005 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

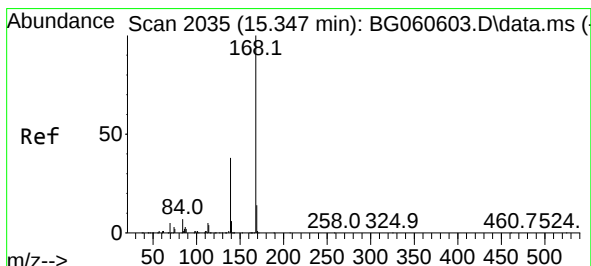
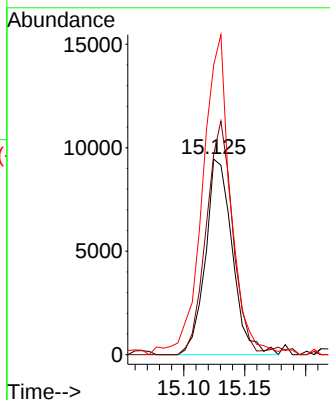
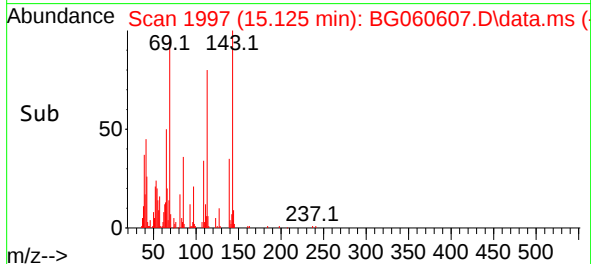
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:109 Resp: 1456
Ion Ratio Lower Upper
109 100
139 102.5 93.0 139.4
65 148.3 111.8 167.8

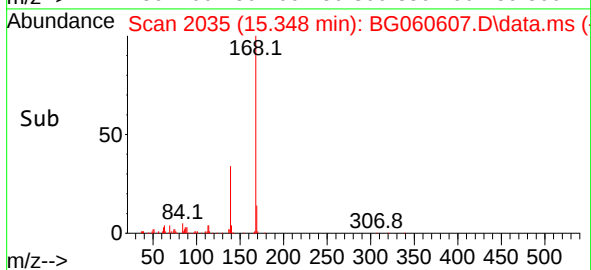
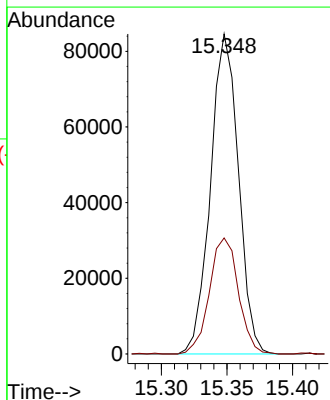
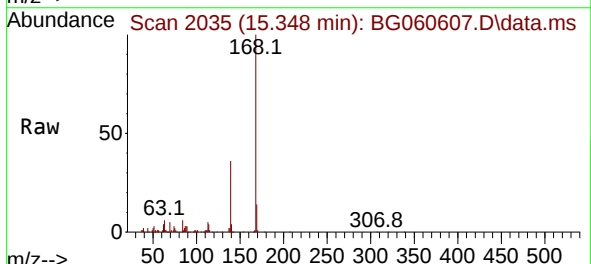
Manual Integrations
APPROVED

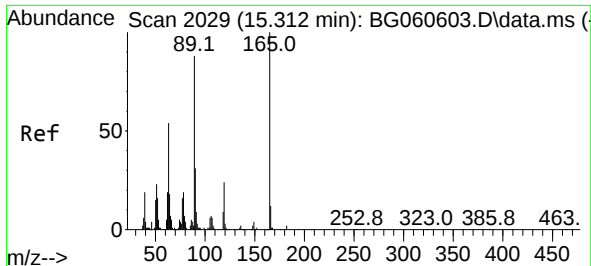
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#56
Dibenzofuran
Concen: 4.384 ng/ul
RT: 15.348 min Scan# 2035
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:168 Resp: 125131
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.2





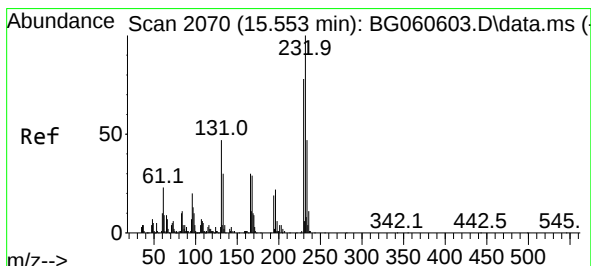
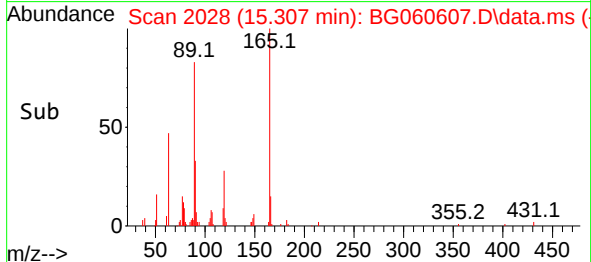
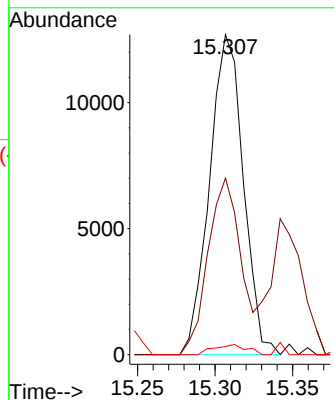
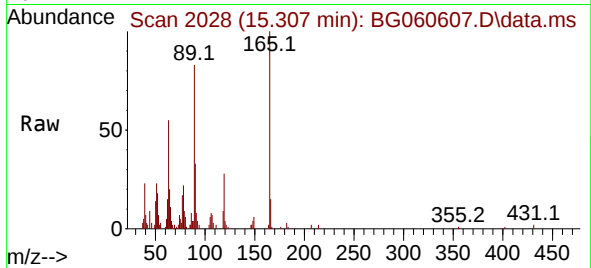
#57
2,4-Dinitrotoluene
Concen: 4.045 ng/ul
RT: 15.307 min Scan# 2029
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:165 Resp: 19238
Ion Ratio Lower Upper
165 100
63 55.2 39.8 59.8
182 2.6 2.3 3.5

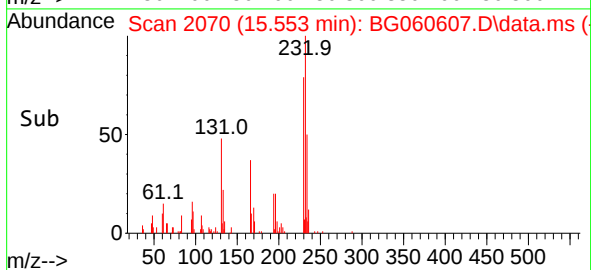
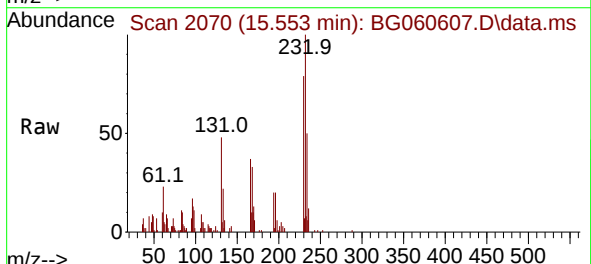
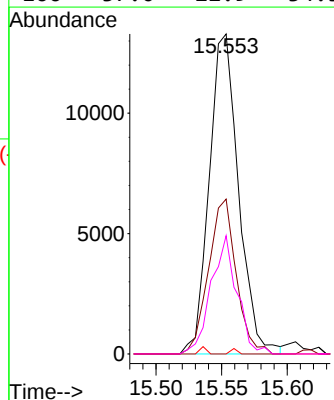
Manual Integrations
APPROVED

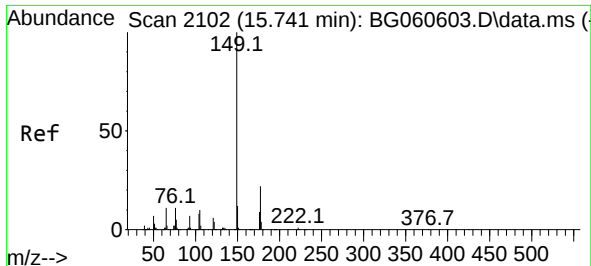
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.677 ng/ul
RT: 15.553 min Scan# 2070
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

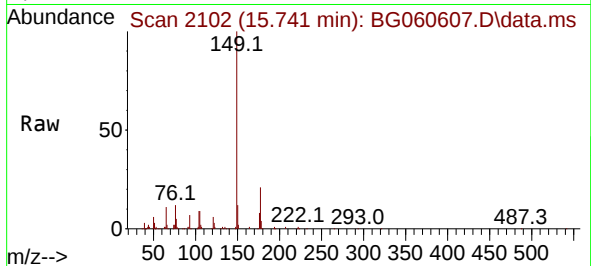
Tgt Ion:232 Resp: 20673
Ion Ratio Lower Upper
232 100
131 48.4 36.2 54.2
130 0.0 2.2 3.2#
166 37.0 22.9 34.3#





#59
Diethylphthalate
Concen: 4.265 ng/ul
RT: 15.741 min Scan# 2102
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

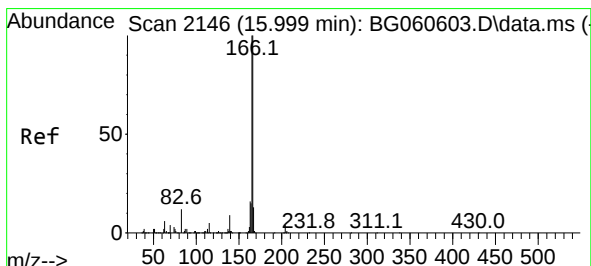
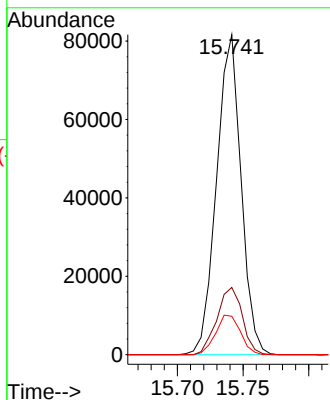
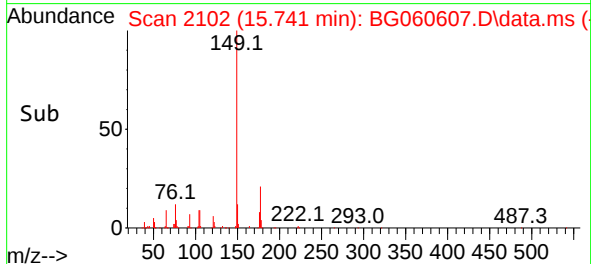
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



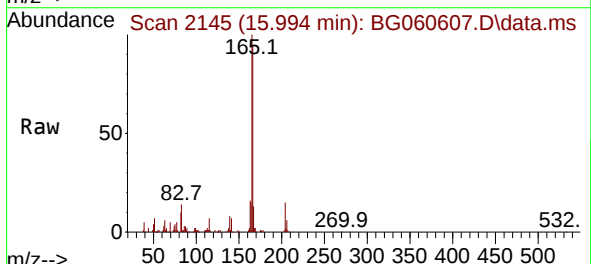
Tgt Ion:149 Resp: 105964
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.0 9.4 14.0

Manual Integrations
APPROVED

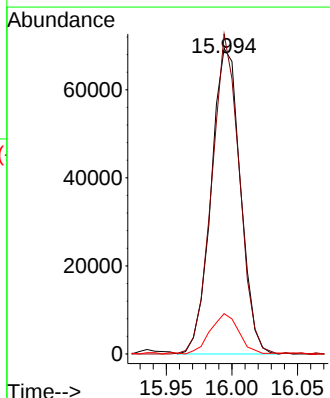
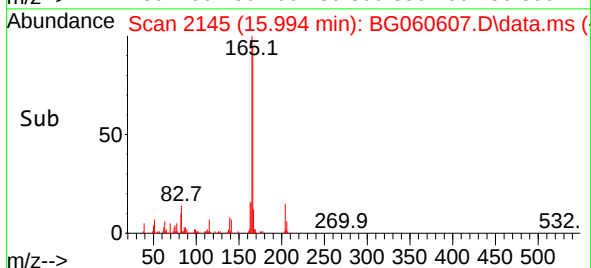
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

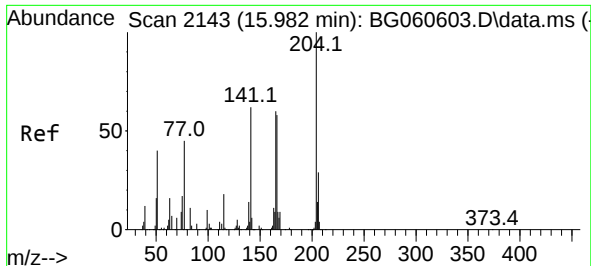


#61
Fluorene
Concen: 4.543 ng/ul
RT: 15.994 min Scan# 2145
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04



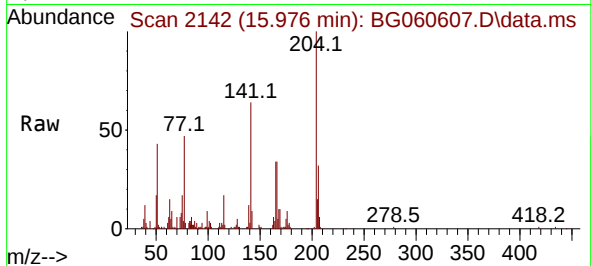
Tgt Ion:166 Resp: 107426
Ion Ratio Lower Upper
166 100
165 104.8 79.8 119.6
167 13.2 9.3 13.9





#62
4-Chlorophenyl-phenylether
Concen: 4.465 ng/ul
RT: 15.976 min Scan# 2142
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

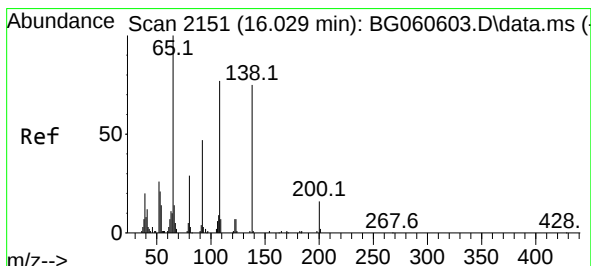
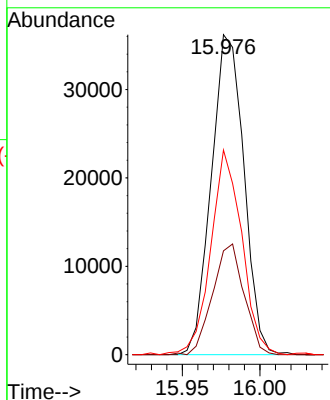
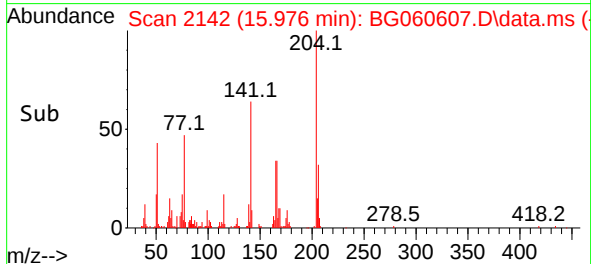
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 52860
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 64.0 52.9 79.3

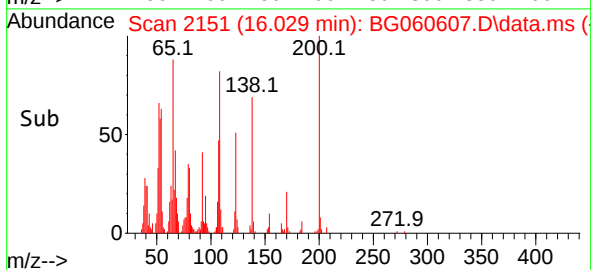
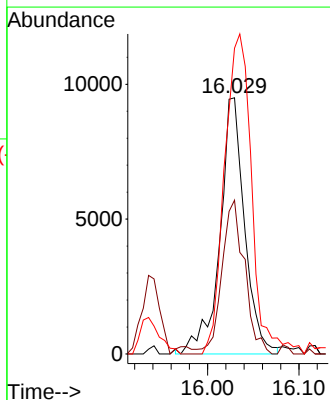
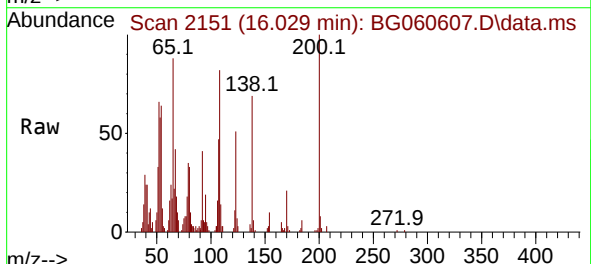
Manual Integrations
APPROVED

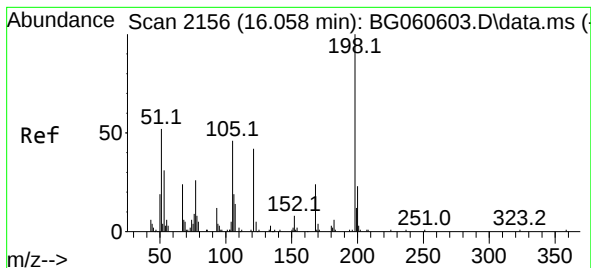
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#63
4-Nitroaniline
Concen: 4.357 ng/ul m
RT: 16.029 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:138 Resp: 17900
Ion Ratio Lower Upper
138 100
92 60.0 46.9 70.3
108 119.4 80.0 120.0





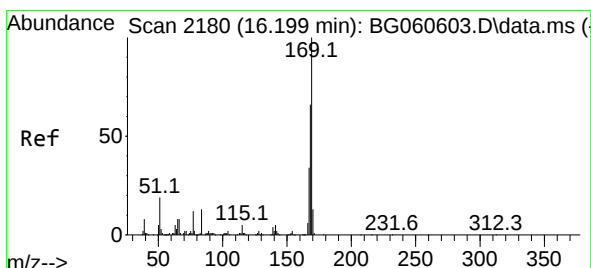
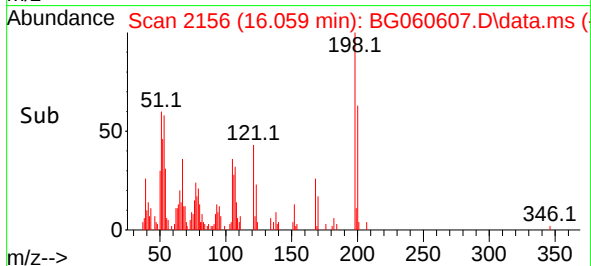
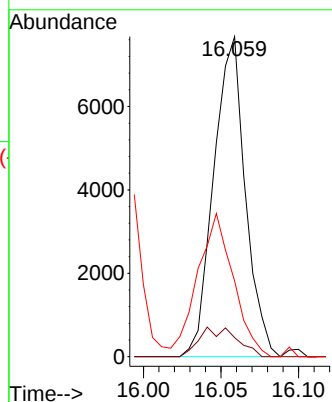
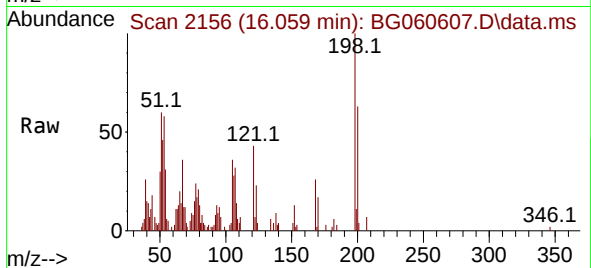
#66
4,6-Dinitro-2-methylphenol
Concen: 3.674 ng/ul
RT: 16.059 min Scan# 2156
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:198 Resp: 1086
Ion Ratio Lower Upper
198 100
182 6.0 5.3 7.9
77 23.7 22.2 33.4

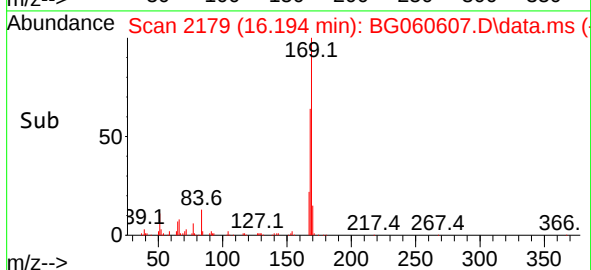
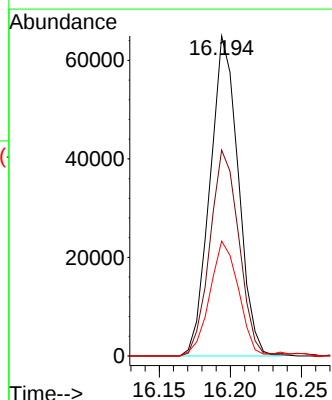
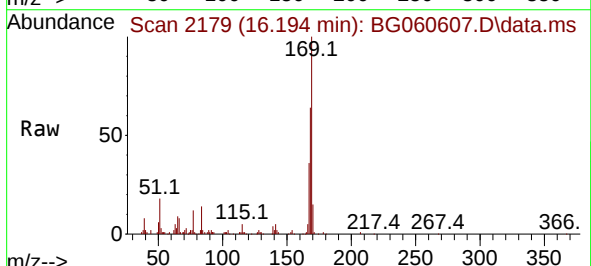
Manual Integrations
APPROVED

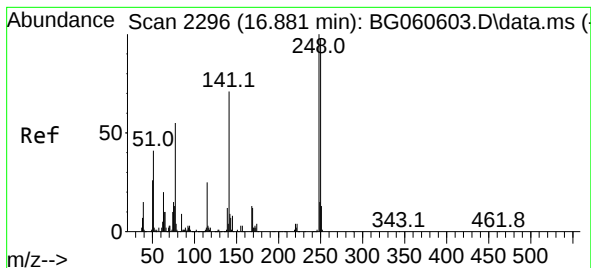
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#67
N-Nitrosodiphenylamine
Concen: 4.271 ng/ul
RT: 16.194 min Scan# 2179
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

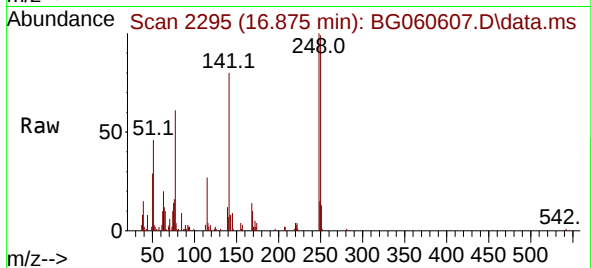
Tgt Ion:169 Resp: 90052
Ion Ratio Lower Upper
169 100
168 64.3 48.6 73.0
167 35.9 27.8 41.6





#68
4-Bromophenyl-phenylether
Concen: 4.385 ng/ul
RT: 16.875 min Scan# 2295
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

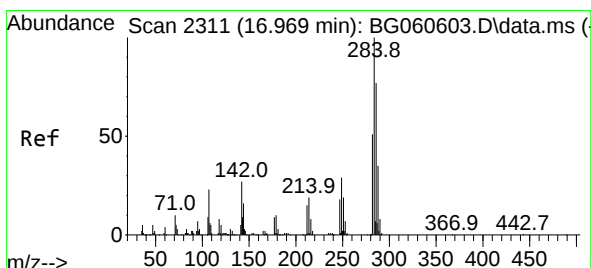
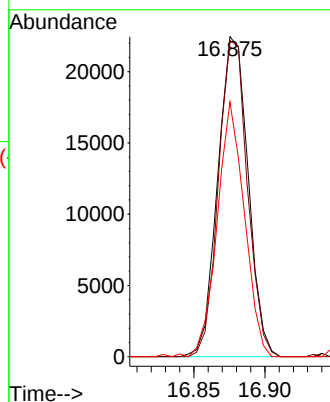
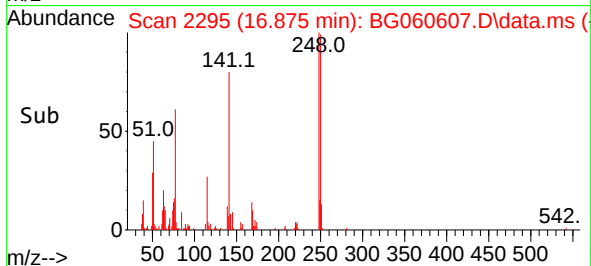
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:248 Resp: 33269
Ion Ratio Lower Upper
248 100
250 98.8 75.1 112.7
141 79.6 55.0 82.4

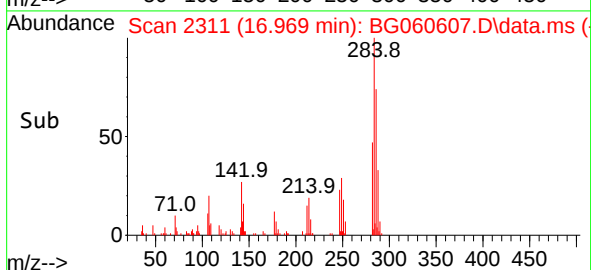
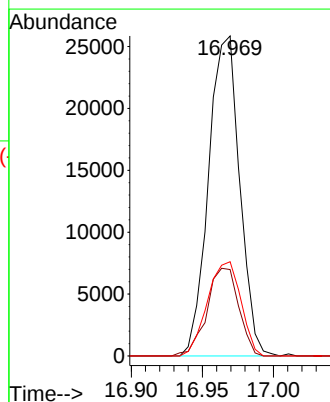
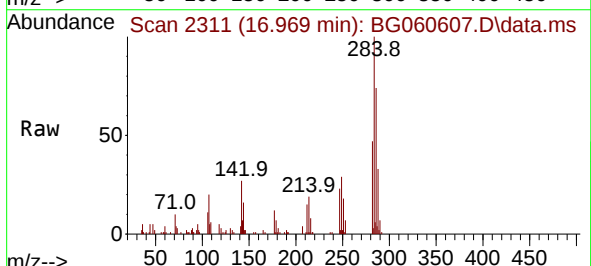
Manual Integrations
APPROVED

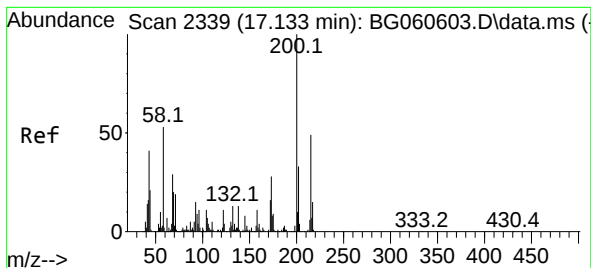
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#69
Hexachlorobenzene
Concen: 4.338 ng/ul
RT: 16.969 min Scan# 2311
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:284 Resp: 39345
Ion Ratio Lower Upper
284 100
142 25.6 24.9 37.3
249 27.9 22.7 34.1





#70

Atrazine

Concen: 5.070 ng/ul

RT: 17.128 min Scan# 2338

Delta R.T. 0.001 min

Lab File: BG060607.D

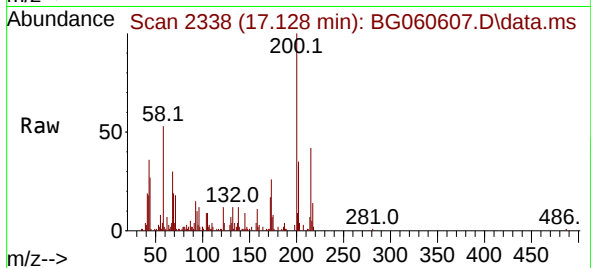
Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

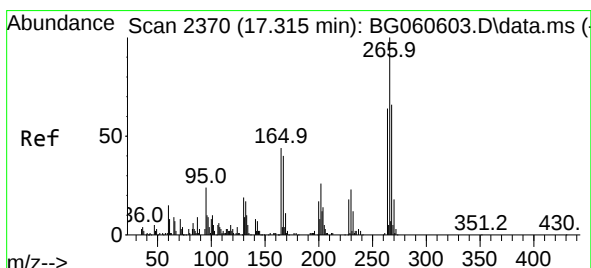
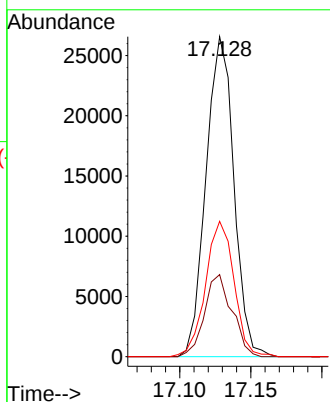
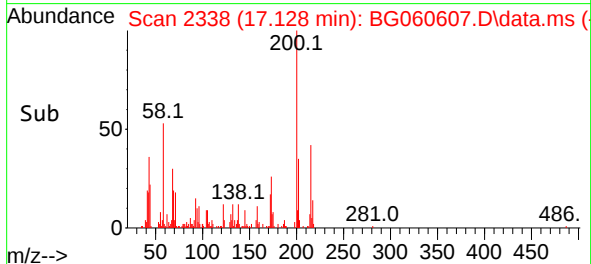


Tgt Ion:	200	Resp:	36219
Ion Ratio	Lower	Upper	
200	100		
173	25.7	22.4	33.6
215	42.3	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#71

Pentachlorophenol

Concen: 4.078 ng/ul

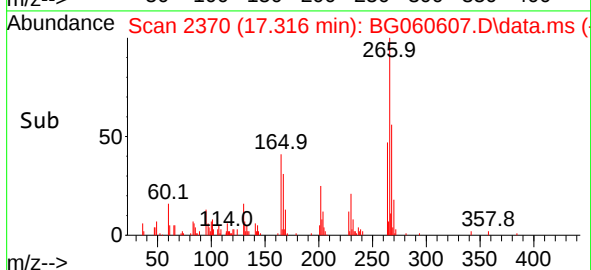
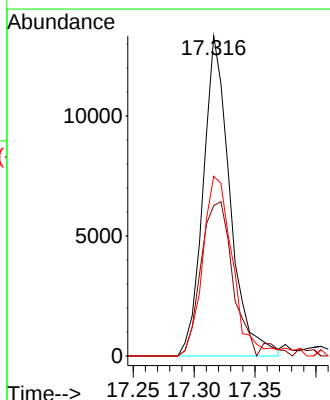
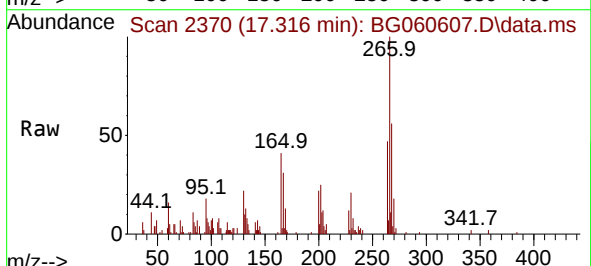
RT: 17.316 min Scan# 2370

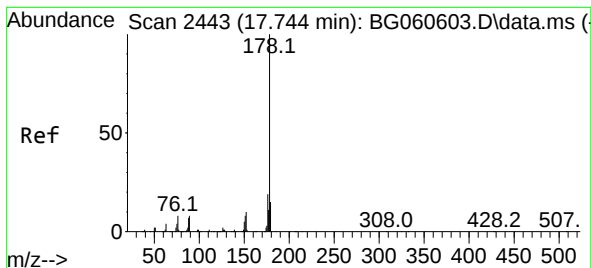
Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

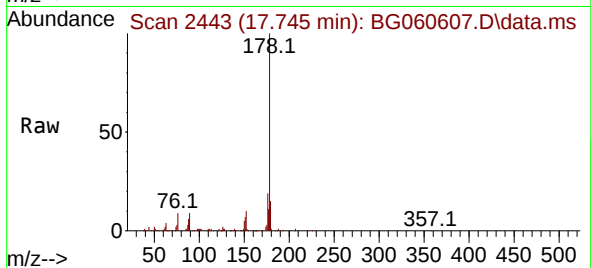
Tgt Ion:	266	Resp:	20382
Ion Ratio	Lower	Upper	
266	100		
264	47.0	54.6	81.8#
268	56.1	50.3	75.5





#72
Phenanthrene
Concen: 4.350 ng/ul
RT: 17.745 min Scan# 2443
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

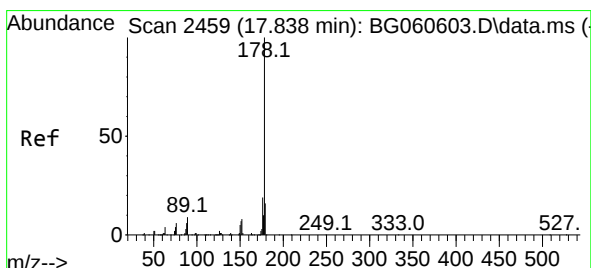
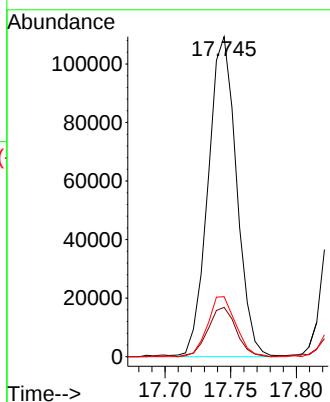
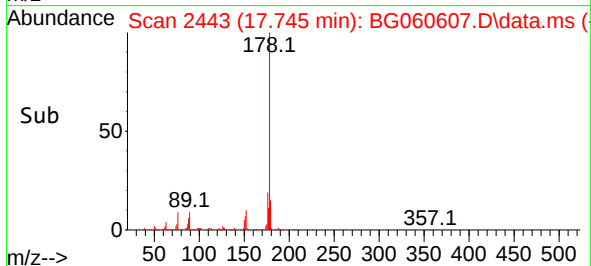
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



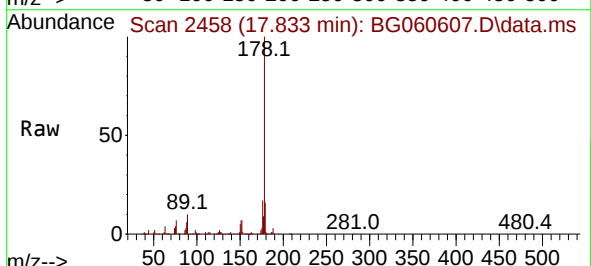
Tgt Ion:178 Resp: 164745
Ion Ratio Lower Upper
178 100
179 15.4 11.5 17.3
176 18.7 14.6 22.0

Manual Integrations
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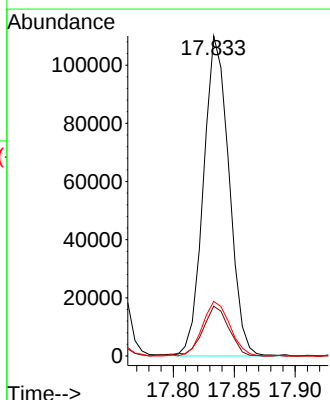
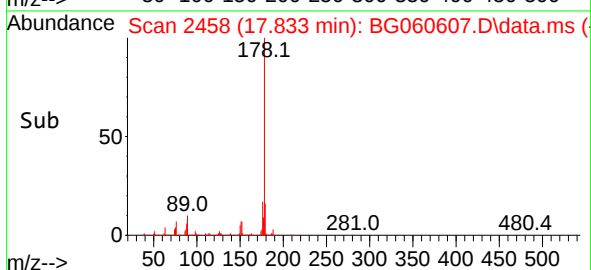
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

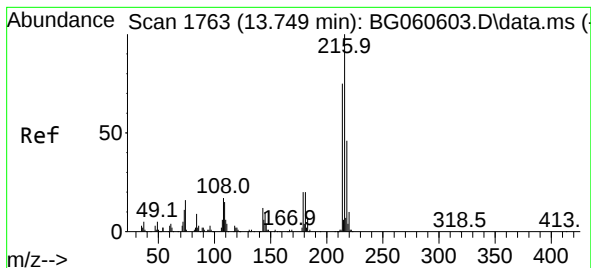


#74
Anthracene
Concen: 4.153 ng/ul
RT: 17.833 min Scan# 2458
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04



Tgt Ion:178 Resp: 160188
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 17.1 15.4 23.2





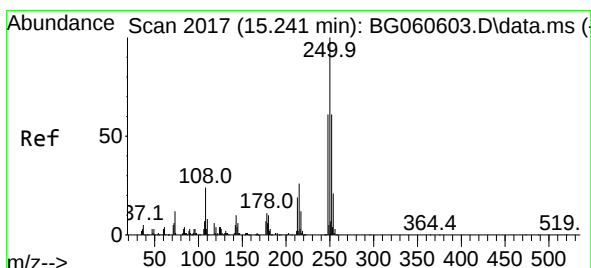
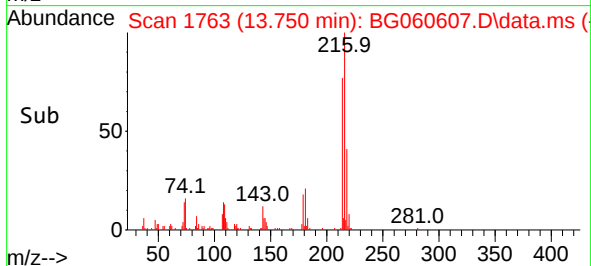
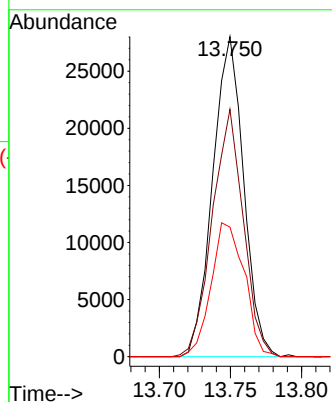
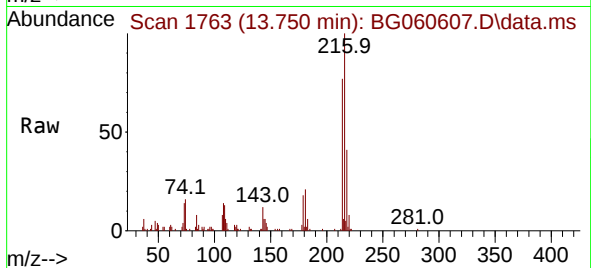
#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.300 ng/uL
RT: 13.750 min Scan# 1763
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:216 Resp: 42380
Ion Ratio Lower Upper
216 100
214 77.3 62.3 93.5
218 40.5 38.6 58.0

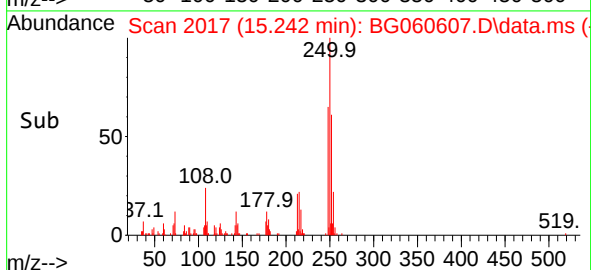
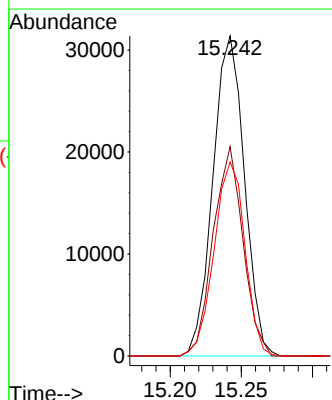
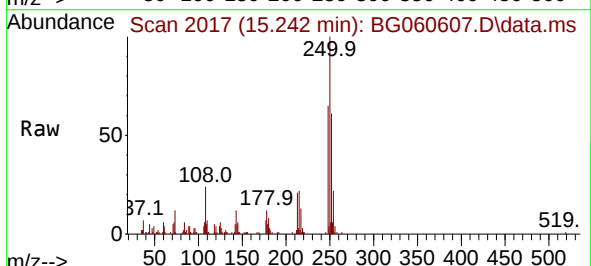
Manual Integrations
APPROVED

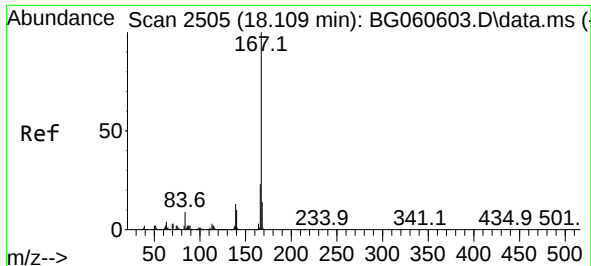
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#76
Pentachlorobenzene
Concen: 4.760 ng/uL
RT: 15.242 min Scan# 1717
Delta R.T. 0.001 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

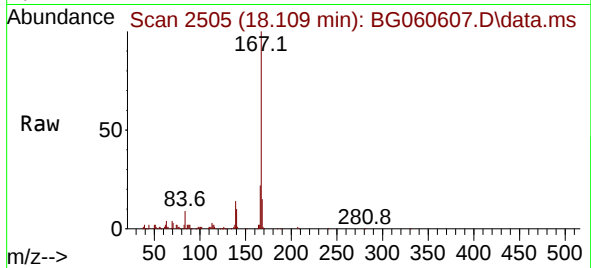
Tgt Ion:250 Resp: 48313
Ion Ratio Lower Upper
250 100
248 65.4 50.2 75.4
252 60.6 50.8 76.2





#77
 Carbazole
 Concen: 4.059 ng/ul
 RT: 18.109 min Scan# 2505
 Delta R.T. 0.007 min
 Lab File: BG060607.D
 Acq: 11 Mar 2024 12:04

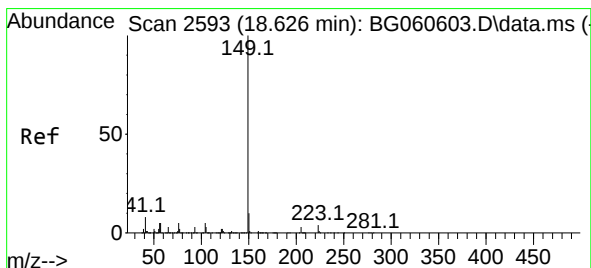
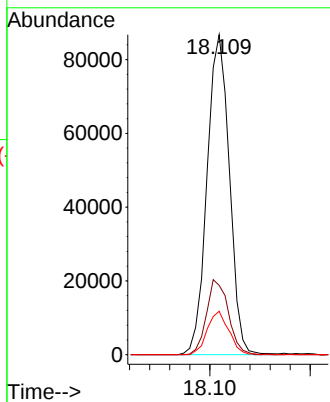
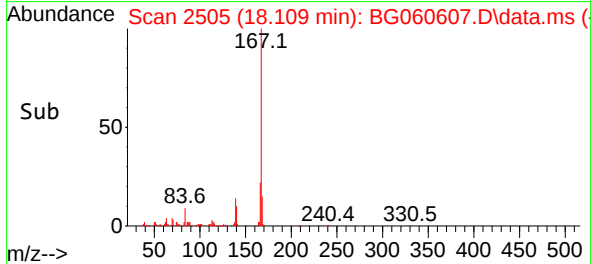
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:167 Resp: 134269
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 13.6 10.0 15.0

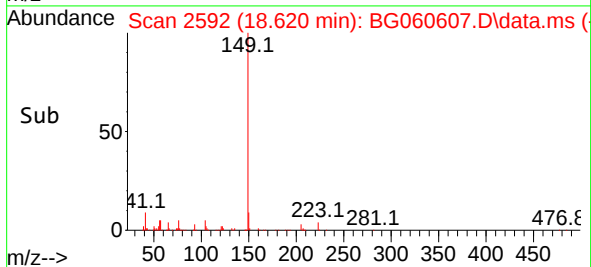
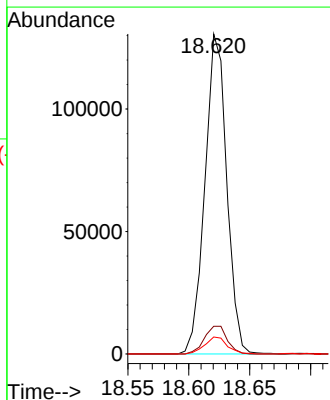
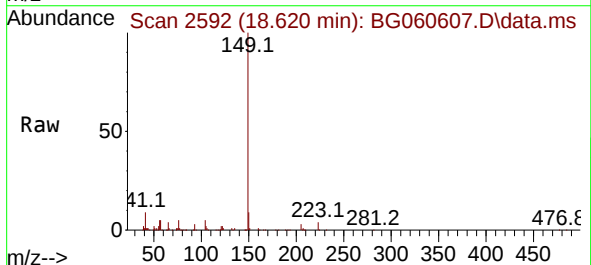
Manual Integrations
 APPROVED

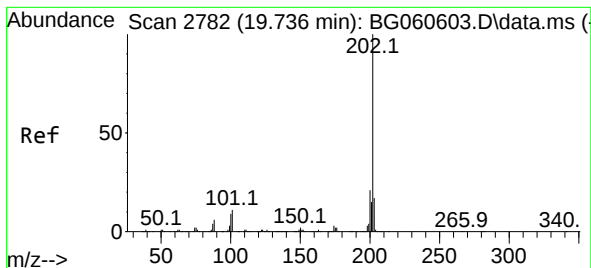
Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024



#78
 Di-n-butylphthalate
 Concen: 4.026 ng/ul
 RT: 18.620 min Scan# 2592
 Delta R.T. 0.001 min
 Lab File: BG060607.D
 Acq: 11 Mar 2024 12:04

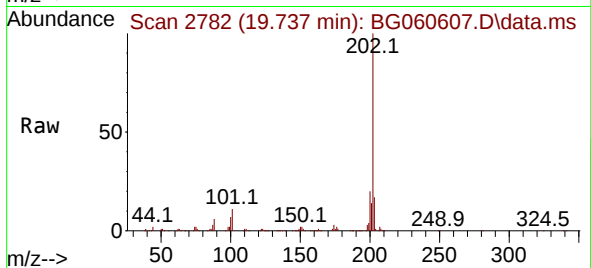
Tgt Ion:149 Resp: 162677
 Ion Ratio Lower Upper
 149 100
 150 8.6 7.8 11.6
 104 5.3 4.5 6.7





#80
Fluoranthene
Concen: 4.395 ng/u1
RT: 19.737 min Scan# 21
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

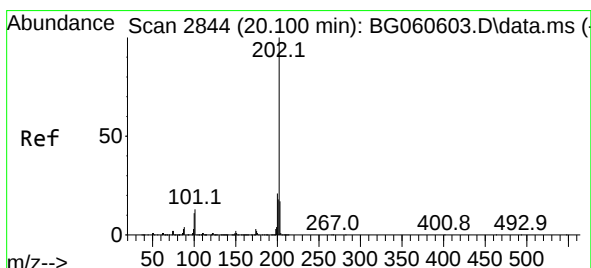
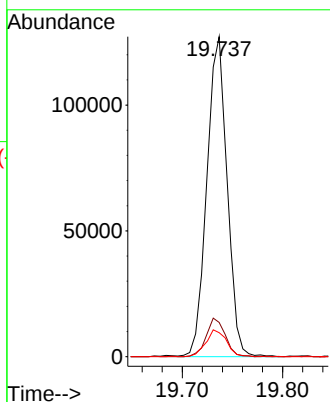
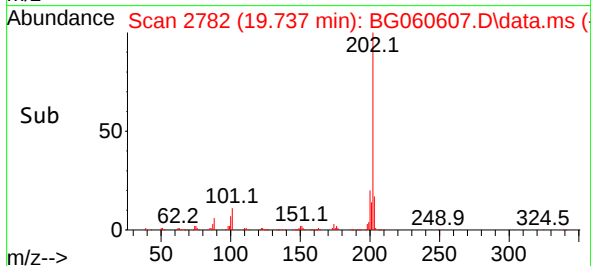
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:202 Resp: 17877
Ion Ratio Lower Upper
202 100
101 10.7 9.4 14.0
100 7.5 7.7 11.5

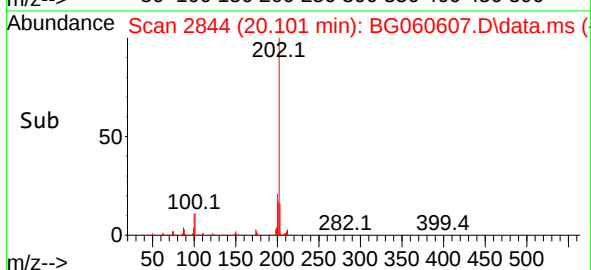
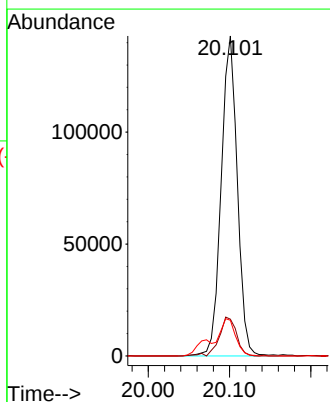
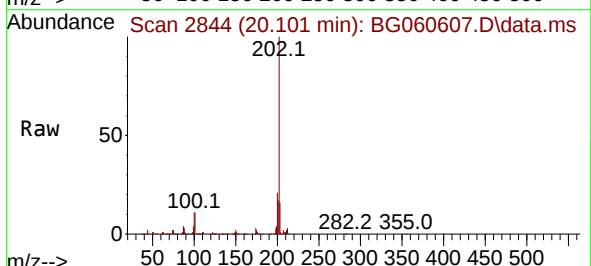
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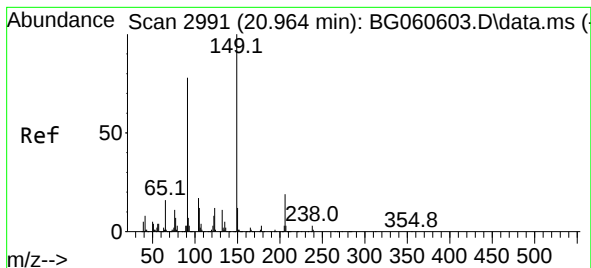
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#82
Pyrene
Concen: 4.639 ng/u1
RT: 20.101 min Scan# 2844
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:202 Resp: 197644
Ion Ratio Lower Upper
202 100
101 11.5 11.0 16.4
100 11.2 8.6 13.0





#83

Butylbenzylphthalate

Concen: 3.883 ng/ul

RT: 20.965 min Scan# 2991

Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

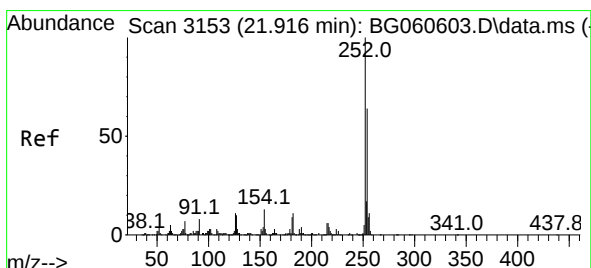
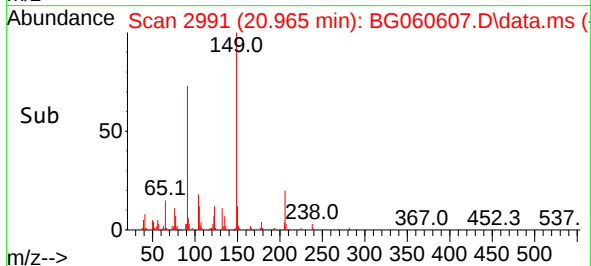
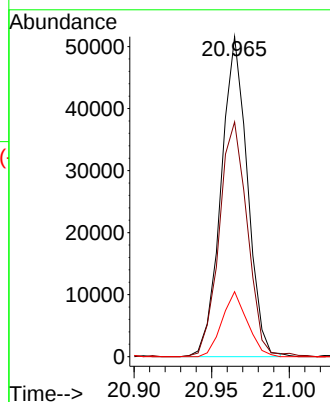
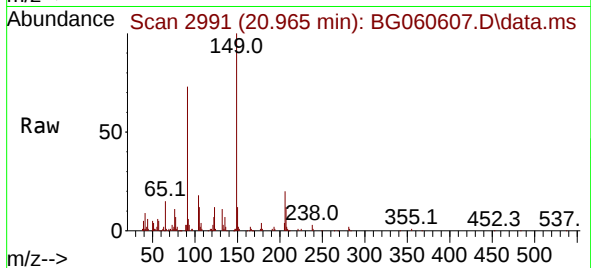
Tgt Ion:149 Resp: 6085

Ion	Ratio	Lower	Upper
149	100		
91	73.3	58.0	87.0
206	20.3	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#84

3,3'-Dichlorobenzidine

Concen: 5.090 ng/ul

RT: 21.917 min Scan# 3153

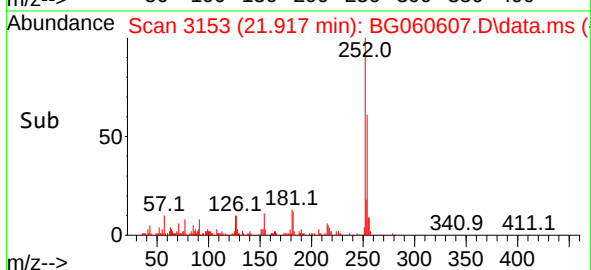
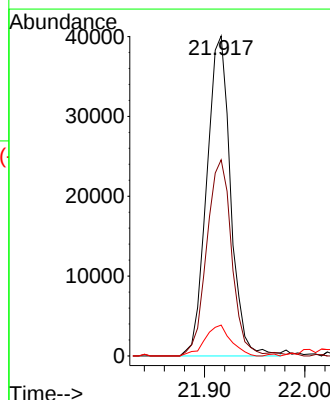
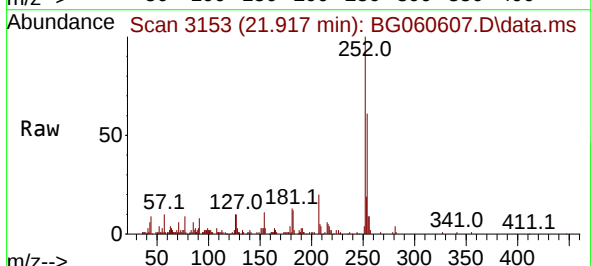
Delta R.T. 0.007 min

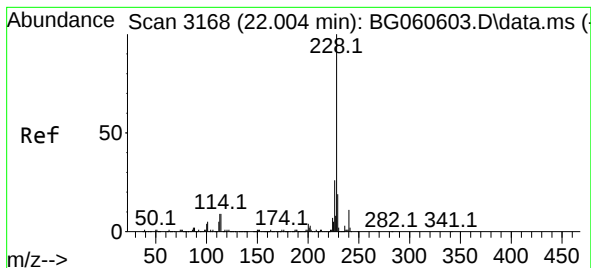
Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Tgt Ion:252 Resp: 66223

Ion	Ratio	Lower	Upper
252	100		
254	61.3	53.0	79.4
126	9.7	9.0	13.4





#85

Benzo(a)anthracene

Concen: 4.387 ng/ul

RT: 22.005 min Scan# 3168

Delta R.T. 0.007 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

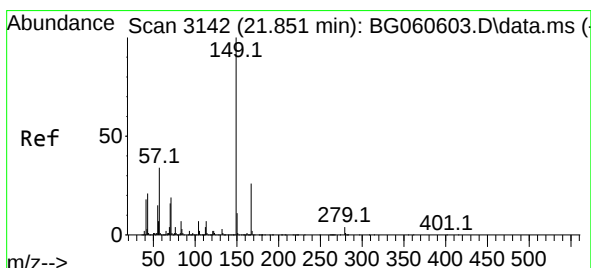
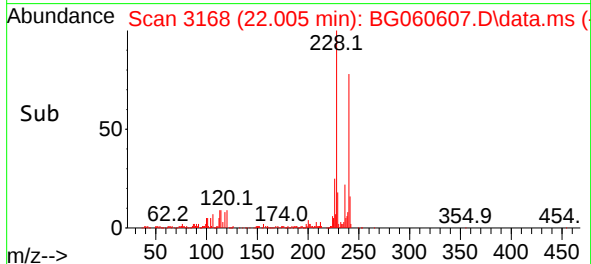
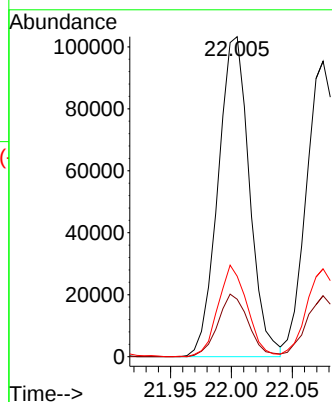
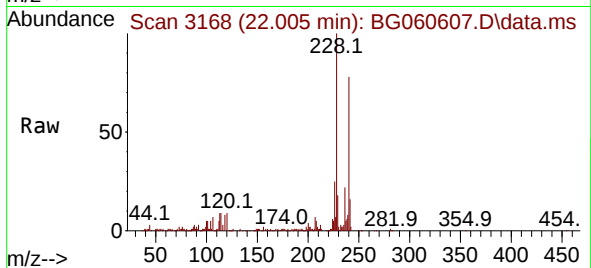
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:	228	Resp:	18537
Ion Ratio	Lower	Upper	
228	100		
229	18.0	15.2	22.8
226	25.1	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.995 ng/ul

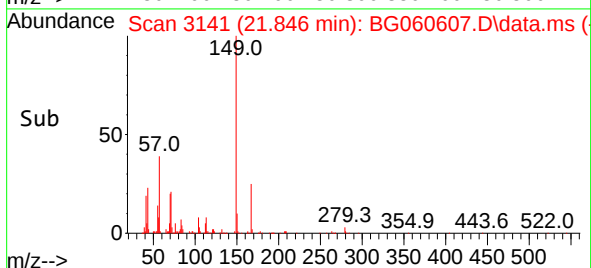
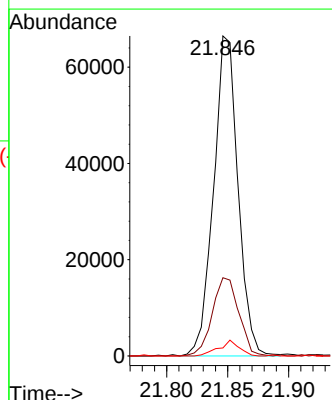
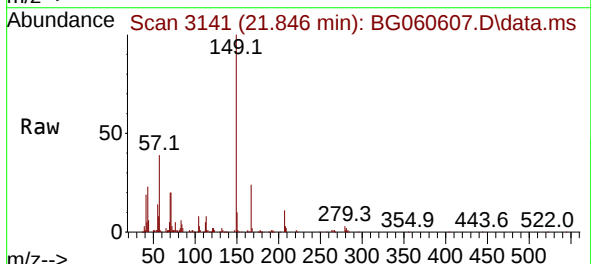
RT: 21.846 min Scan# 3141

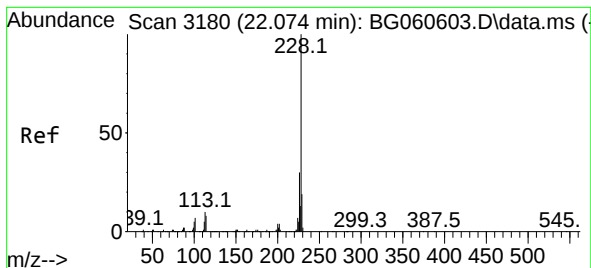
Delta R.T. 0.001 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Tgt Ion:	149	Resp:	93000
Ion Ratio	Lower	Upper	
149	100		
167	24.5	19.7	29.5
279	2.5	3.2	4.8#





#87

Chrysene

Concen: 4.268 ng/ul

RT: 22.075 min Scan# 3180

Delta R.T. 0.007 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

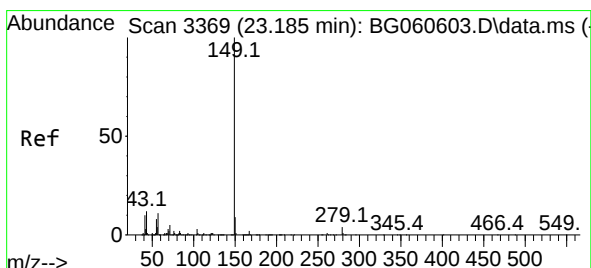
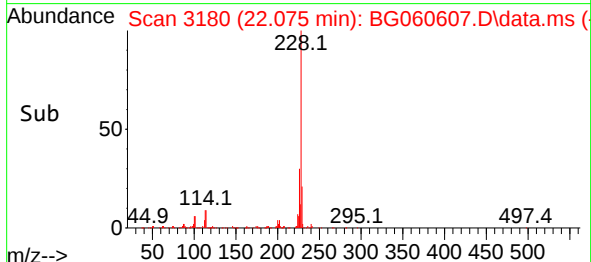
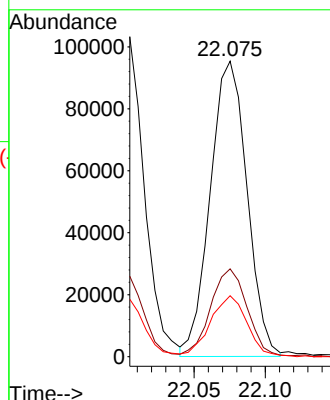
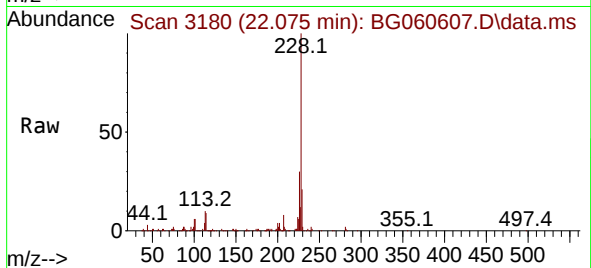
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:228 Resp: 171680
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.0 36.0
 229 20.6 15.4 23.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024



#89

Di-n-octyl phthalate

Concen: 3.779 ng/ul

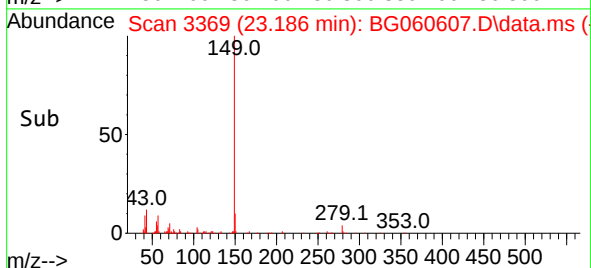
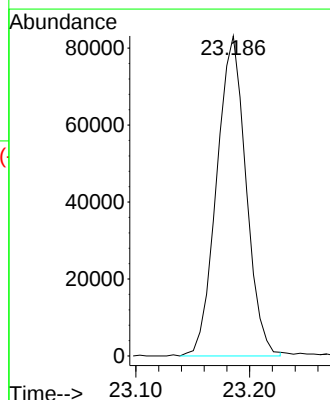
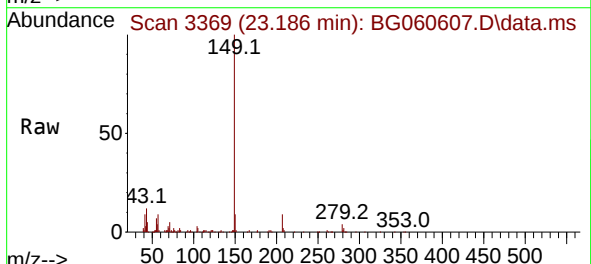
RT: 23.186 min Scan# 3369

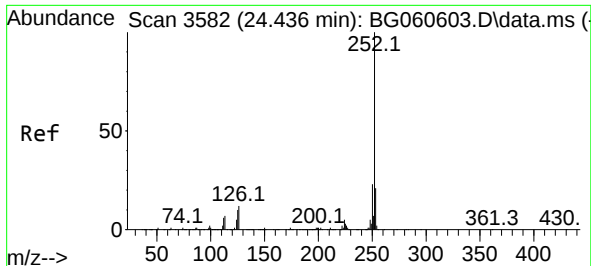
Delta R.T. 0.007 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

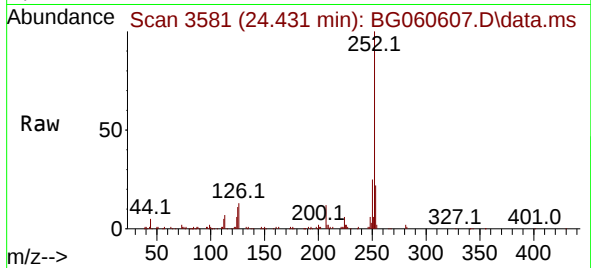
Tgt Ion:149 Resp: 149040





#90
Benzo(b)fluoranthene
Concen: 4.264 ng/ul
RT: 24.431 min Scan# 3582
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

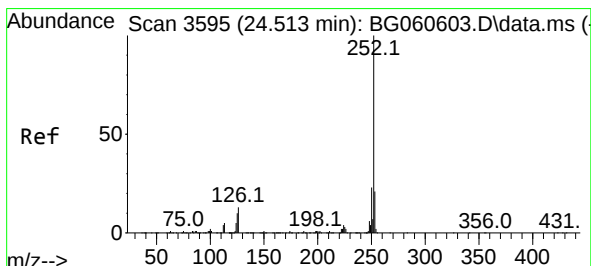
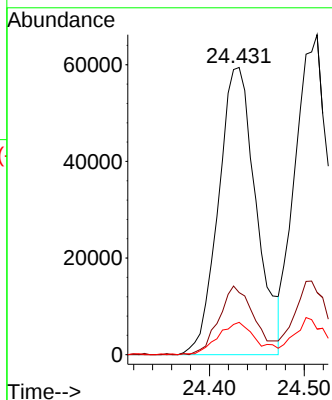
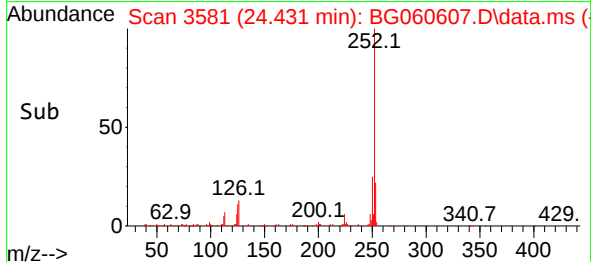
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:252 Resp: 164410
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 11.3 8.2 12.2

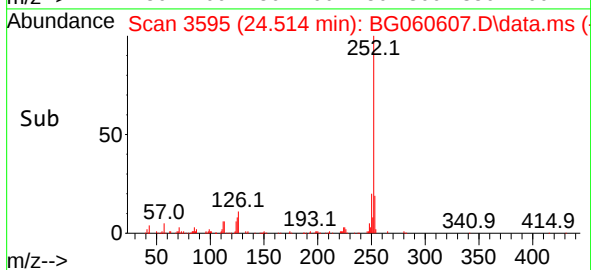
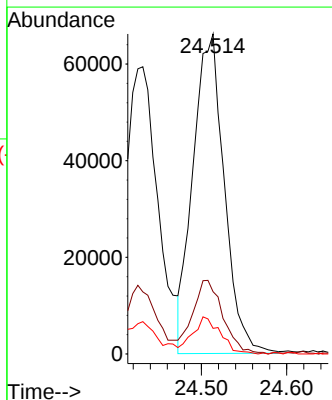
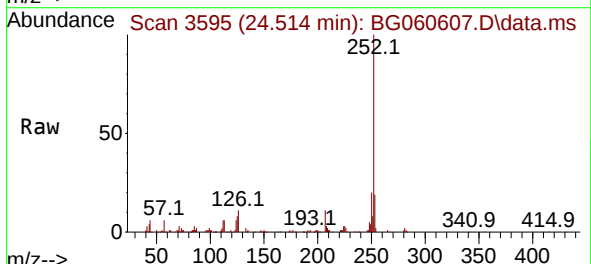
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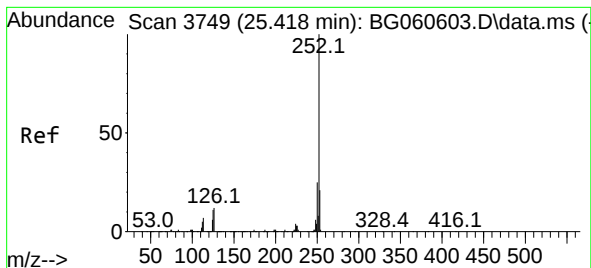
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#91
Benzo(k)fluoranthene
Concen: 4.181 ng/ul
RT: 24.514 min Scan# 3595
Delta R.T. 0.013 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:252 Resp: 168280
Ion Ratio Lower Upper
252 100
253 19.4 17.3 25.9
125 8.0 7.0 10.6





#93

Benzo(a)pyrene

Concen: 4.239 ng/ul

RT: 25.412 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

Instrument :

BNA_G

ClientSampleId :

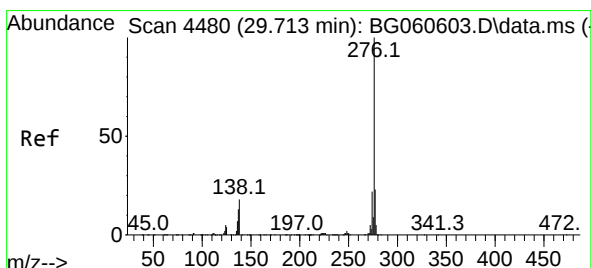
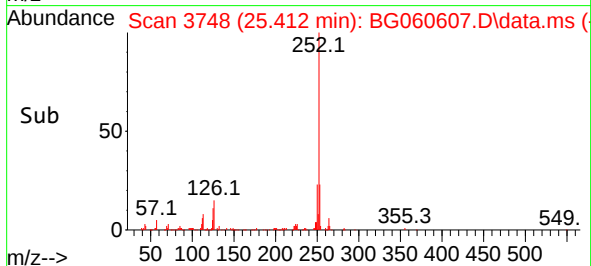
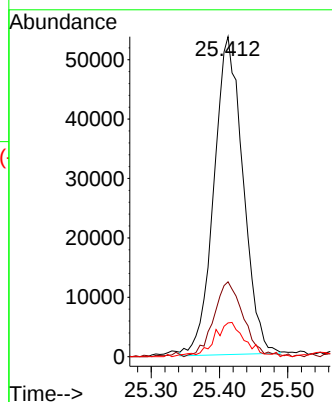
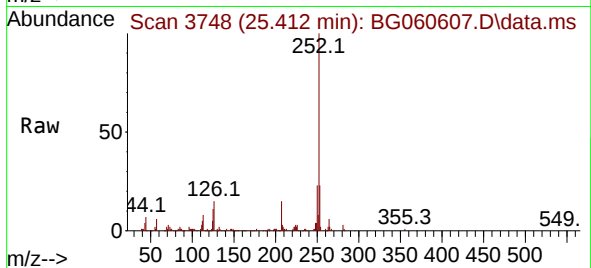
MDL-MED-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	158529
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.1	25.7
125	10.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.182 ng/ul m

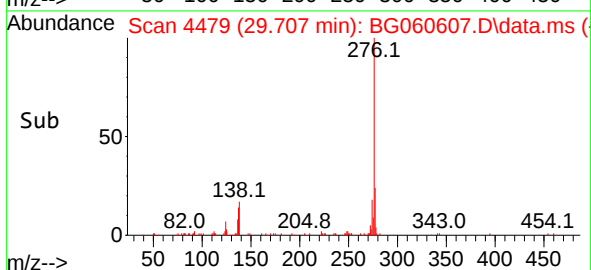
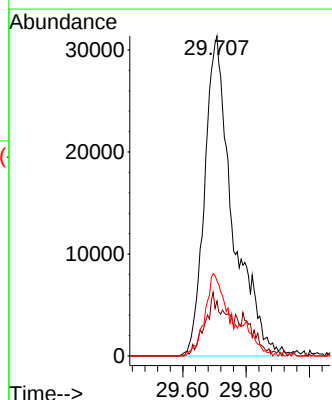
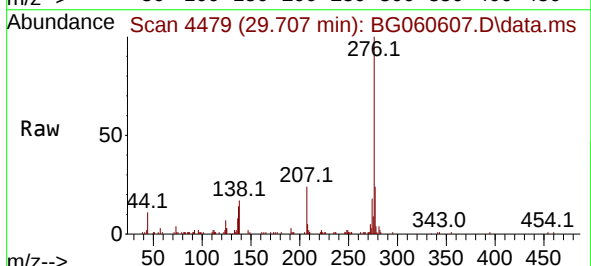
RT: 29.707 min Scan# 4479

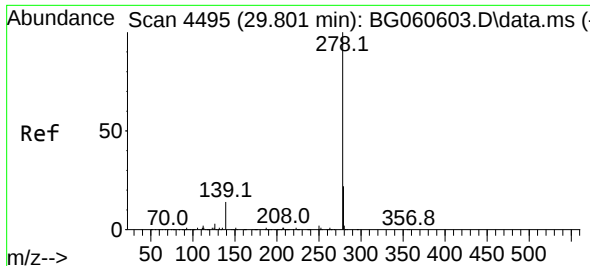
Delta R.T. 0.024 min

Lab File: BG060607.D

Acq: 11 Mar 2024 12:04

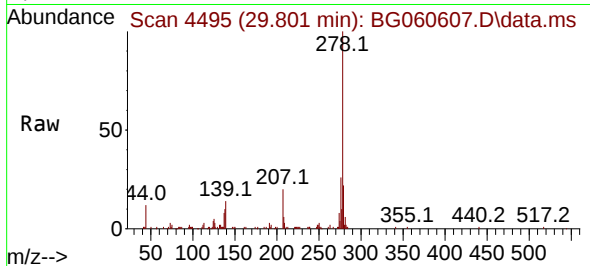
Tgt Ion:	276	Resp:	193177
Ion Ratio	Lower	Upper	
276	100		
138	17.1	13.7	20.5
277	23.5	18.5	27.7





#95
Dibenzo(a,h)anthracene
Concen: 4.116 ng/ul
RT: 29.801 min Scan# 4495
Delta R.T. 0.018 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

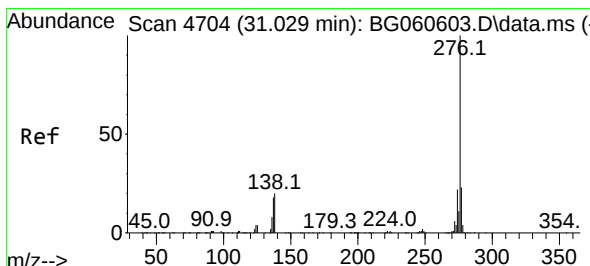
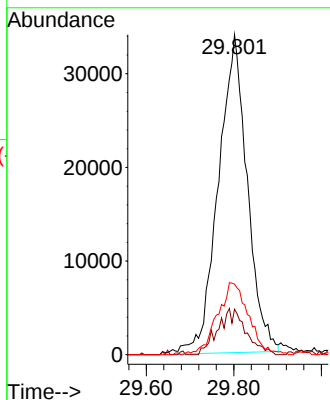
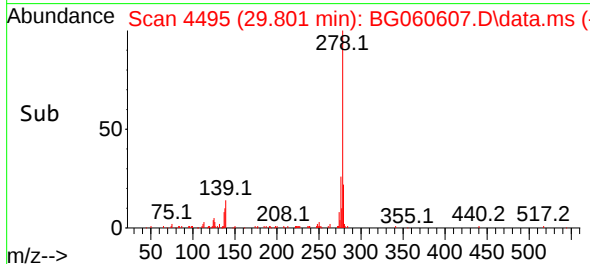
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:278 Resp: 155332
Ion Ratio Lower Upper
278 100
139 14.2 11.6 17.4
279 22.0 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#96
Benzo(g,h,i)perylene
Concen: 4.065 ng/ul
RT: 31.000 min Scan# 4699
Delta R.T. 0.007 min
Lab File: BG060607.D
Acq: 11 Mar 2024 12:04

Tgt Ion:276 Resp: 150738
Ion Ratio Lower Upper
276 100
138 14.7 15.2 22.8#
277 20.9 18.9 28.3

