

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112124\
 Data File : BG063506.D
 Acq On : 21 Nov 2024 14:47
 Operator : RC/JU
 Sample : P4776-03
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Quant Time: Nov 22 00:38:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.831	152	89024	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	366718	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.470	164	285724	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	725599	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	855248	20.000	ng/ul	0.00
88) Perylene-d12	24.529	264	914653	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	7195	3.190	ng/uL	-0.01
4) Pyridine-d5	3.701	84	78716	11.134	ng/ul	0.00
7) Phenol-d5	7.009	99	95763	13.079	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.161	67	63308	13.481	ng/ul	0.00
11) 2-Chlorophenol-d4	7.361	132	71726	13.823	ng/ul	0.00
15) 4-Methylphenol-d8	8.536	113	76267	12.465	ng/ul	0.00
21) Nitrobenzene-d5	8.989	128	32803	12.456	ng/ul	0.00
24) 2-Nitrophenol-d4	9.711	143	40878	12.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.252	165	77747	12.520	ng/ul	0.00
31) 4-Chloroaniline-d4	10.763	131	99686	12.692	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	259871	13.398	ng/ul	0.00
49) Acenaphthylene-d8	14.165	160	293590	13.273	ng/ul	0.00
54) 4-Nitrophenol-d4	14.694	143	31437	10.908	ng/ul	0.00
60) Fluorene-d10	15.469	176	252800	14.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	48134	11.799	ng/ul	0.00
73) Anthracene-d10	17.326	188	434445	13.782	ng/ul	0.00
81) Pyrene-d10	19.629	212	593934	13.854	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.324	264	612090	13.797	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.330	88	2822m	1.060	ng/uL	
5) Pyridine	3.724	79	24213	3.366	ng/ul	95
6) Benzaldehyde	6.967	77	20206	4.822	ng/ul	98
8) Phenol	7.032	94	32813	4.110	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.249	93	25054	4.348	ng/ul#	95
12) 2-Chlorophenol	7.396	128	25538	4.611	ng/ul	96
13) 2-Methylphenol	8.278	108	23799	4.006	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.348	45	37239	4.411	ng/ul#	91
16) Acetophenone	8.648	105	39573	4.095	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.630	70	23577	4.365	ng/ul#	96
18) 4-Methylphenol	8.601	108	26311	4.038	ng/ul	86
19) Hexachloroethane	8.900	117	10502	4.391	ng/ul#	77
22) Nitrobenzene	9.030	77	35182	4.355	ng/ul#	94
23) Isophorone	9.547	82	60732	4.117	ng/ul#	93
25) 2-Nitrophenol	9.735	139	15001	4.648	ng/ul#	85
26) 2,4-Dimethylphenol	9.799	107	27356	3.932	ng/ul#	75
27) Bis(2-Chloroethoxy)met...	10.029	93	35947	4.402	ng/ul#	97
29) 2,4-Dichlorophenol	10.275	162	26221	4.322	ng/ul	95
30) Naphthalene	10.669	128	83103	4.433	ng/ul	99
32) 4-Chloroaniline	10.781	127	32580	4.341	ng/ul	92
33) Hexachlorobutadiene	10.957	225	24397	4.508	ng/ul#	88
34) Caprolactam	11.550	113	9898m	4.841	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	24954	4.041	ng/ul	90
36) 2-Methylnaphthalene	12.285	142	58933	4.429	ng/ul	85

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.508	142	56466	4.042	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.661	216	44174	4.400	ng/ul#	92
40) Hexachlorocyclopentadiene	12.637	237	21763	5.082	ng/ul	97
41) 2,4,6-Trichlorophenol	12.908	196	22298	4.047	ng/ul	96
42) 2,4,5-Trichlorophenol	12.984	196	23104m	4.063	ng/ul	
43) 1,1'-Biphenyl	13.301	154	88818	4.684	ng/ul#	95
44) 2-Chloronaphthalene	13.342	162	66982	4.495	ng/ul#	88
45) 2-Nitroaniline	13.554	65	20537	4.373	ng/ul	86
47) Dimethylphthalate	13.924	163	87625	4.637	ng/ul	97
48) 2,6-Dinitrotoluene	14.053	165	16676	4.350	ng/ul	94
50) Acenaphthylene	14.194	152	103233	4.643	ng/ul	95
51) 3-Nitroaniline	14.382	138	16011	4.560	ng/ul#	66
52) Acenaphthene	14.535	153	73388	4.570	ng/ul	91
53) 2,4-Dinitrophenol	14.606	184	7885	4.006	ng/ul#	87
55) 4-Nitrophenol	14.711	109	10260	3.063	ng/ul#	84
56) Dibenzofuran	14.876	168	103538	4.493	ng/ul	97
57) 2,4-Dinitrotoluene	14.846	165	25744	4.388	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.105	232	18779	3.476	ng/ul#	92
59) Diethylphthalate	15.293	149	86684	4.541	ng/ul	98
61) Fluorene	15.522	166	89638	4.570	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.516	204	52698	4.503	ng/ul	95
63) 4-Nitroaniline	15.546	138	17172	4.777	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.616	198	16860	3.868	ng/ul#	95
67) N-Nitrosodiphenylamine	15.734	169	76523	4.442	ng/ul	97
68) 4-Bromophenyl-phenylether	16.415	248	36416	4.479	ng/ul#	86
69) Hexachlorobenzene	16.533	284	38836	4.556	ng/ul#	91
70) Atrazine	16.685	200	38209	4.591	ng/ul	92
71) Pentachlorophenol	16.891	266	18702	4.692	ng/ul	90
72) Phenanthrene	17.267	178	162151	4.688	ng/ul	99
74) Anthracene	17.361	178	163556	4.631	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.272	216	40230	3.810	ng/ul	99
76) Pentachlorobenzene	14.799	250	39719	3.810	ng/ul	93
77) Carbazole	17.631	167	137124	4.679	ng/ul	98
78) Di-n-butylphthalate	18.195	149	151041	4.496	ng/ul	97
80) Fluoranthene	19.294	202	217717	4.593	ng/ul	99
82) Pyrene	19.653	202	233453	4.596	ng/ul	97
83) Butylbenzylphthalate	20.551	149	71296	4.325	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.392	252	90393	4.920	ng/ul	98
85) Benzo(a)anthracene	21.468	228	250467	4.529	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	106910	4.462	ng/ul	98
87) Chrysene	21.533	228	248058	4.797	ng/ul	98
89) Di-n-octyl phthalate	22.532	149	182055	4.486	ng/ul	100
90) Benzo(b)fluoranthene	23.566	252	260183	4.738	ng/ul	97
91) Benzo(k)fluoranthene	23.630	252	251848	4.570	ng/ul	98
93) Benzo(a)pyrene	24.382	252	224070	4.360	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.955	276	282444	4.431	ng/ul	98
95) Dibenzo(a,h)anthracene	28.013	278	231249	4.437	ng/ul#	95
96) Benzo(g,h,i)perylene	29.036	276	213798m	4.423	ng/ul	

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

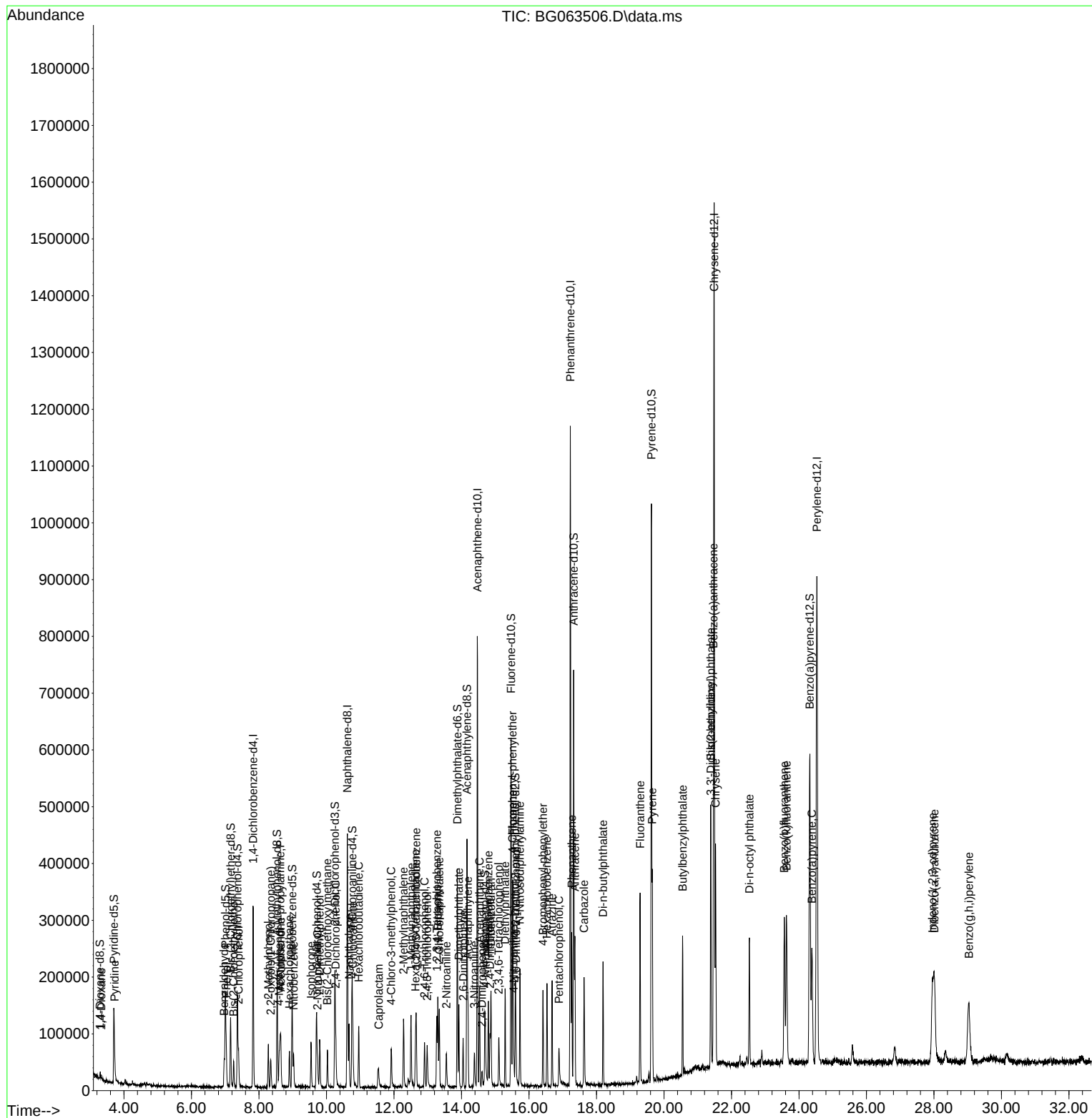
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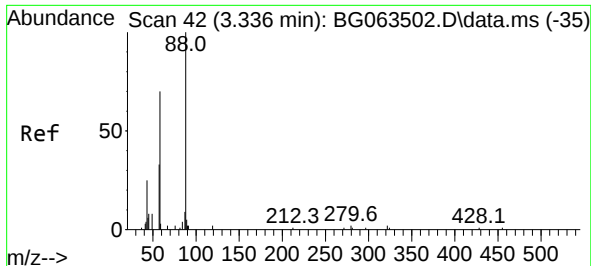
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BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

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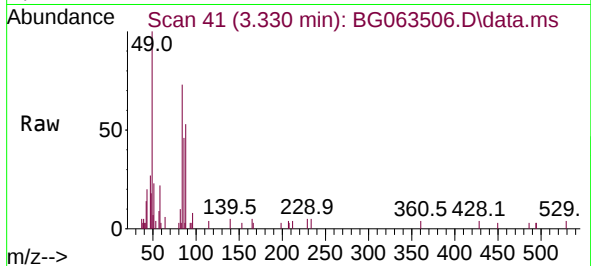
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024





#2
1,4-Dioxane
Concen: 1.060 ng/uL m
RT: 3.330 min Scan# 41
Delta R.T. -0.008 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

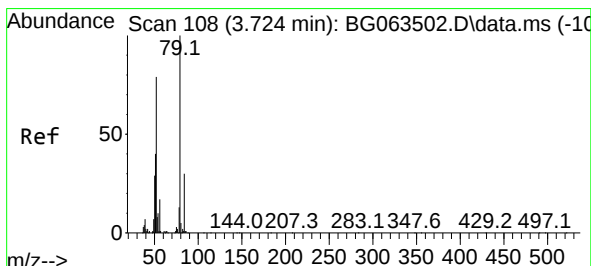
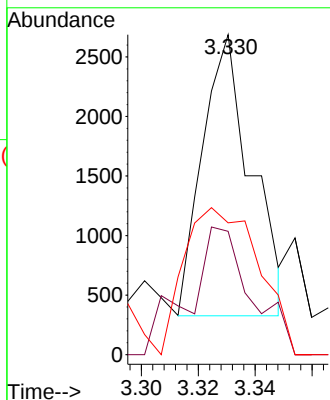
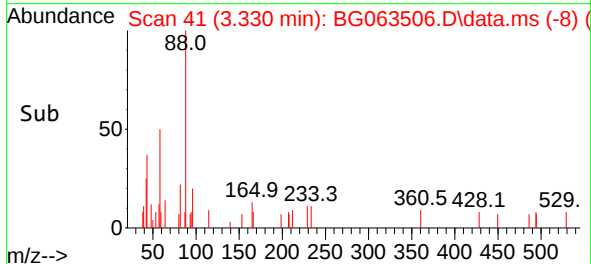
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 88 Resp: 282
Ion Ratio Lower Upper
88 100
43 38.6 19.0 28.4
58 41.2 52.3 78.5

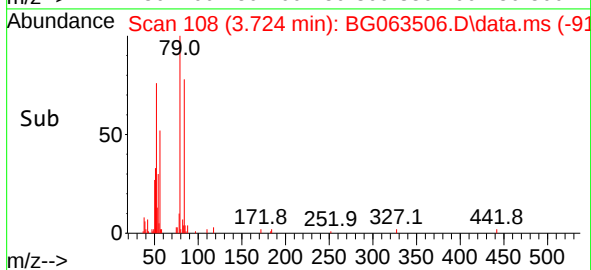
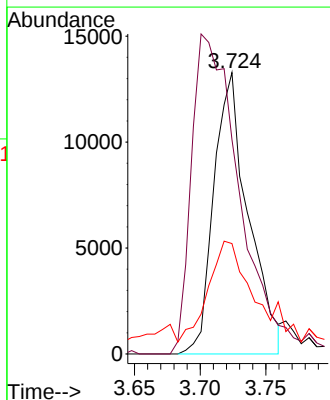
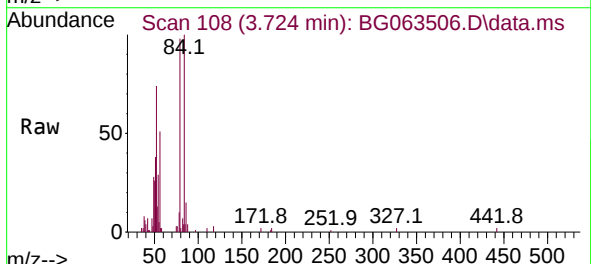
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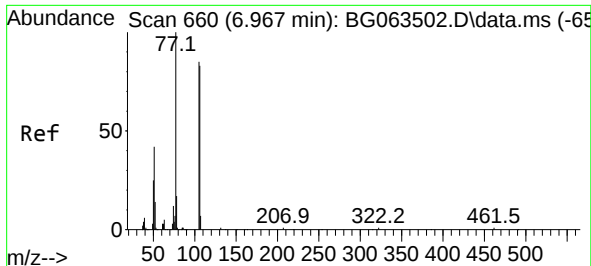
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#5
Pyridine
Concen: 3.366 ng/uL
RT: 3.724 min Scan# 108
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion: 79 Resp: 24213
Ion Ratio Lower Upper
79 100
52 76.2 57.4 86.0
51 39.2 29.7 44.5





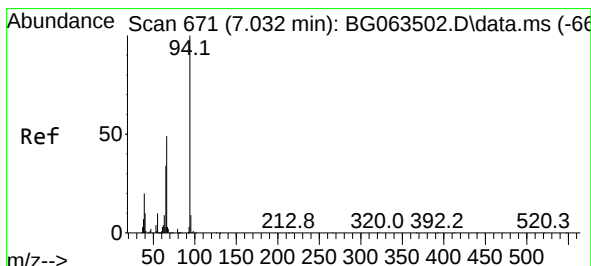
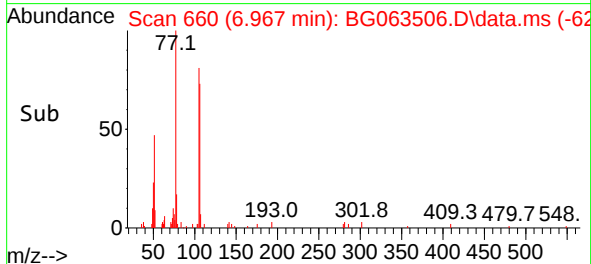
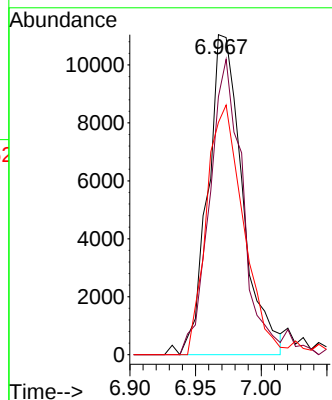
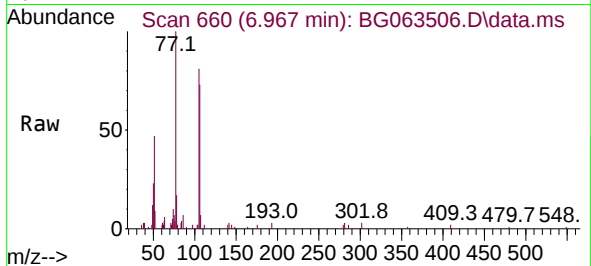
#6
Benzaldehyde
Concen: 4.822 ng/ul
RT: 6.967 min Scan# 660
Delta R.T. -0.008 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-07

Tgt Ion: 77 Resp: 20200
Ion Ratio Lower Upper
77 100
105 80.7 65.5 98.3
106 72.6 59.6 89.4

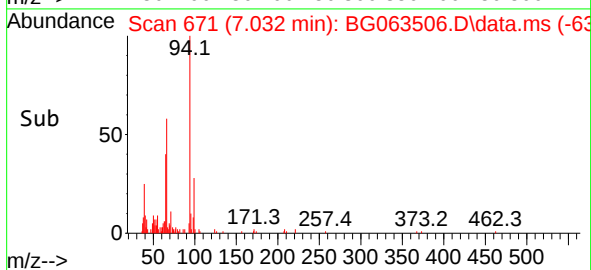
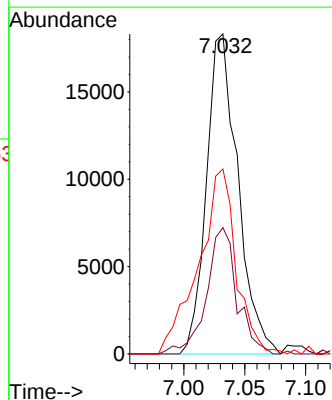
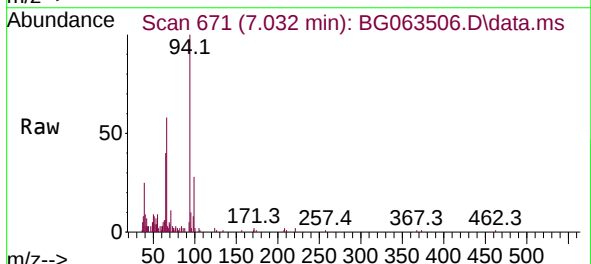
Manual Integrations
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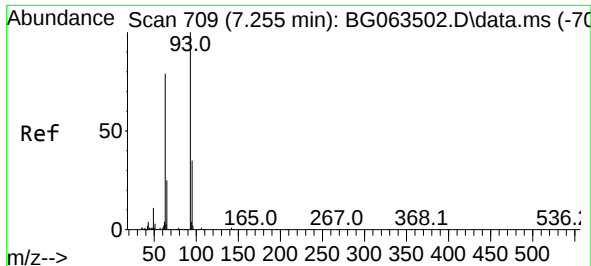
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#8
Phenol
Concen: 4.110 ng/ul
RT: 7.032 min Scan# 671
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

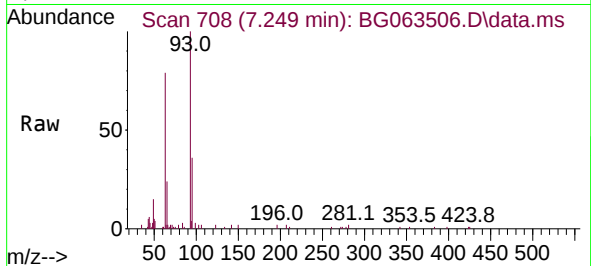
Tgt Ion: 94 Resp: 32813
Ion Ratio Lower Upper
94 100
65 39.5 23.8 35.8#
66 57.8 36.4 54.6#





#10
Bis(2-Chloroethyl)ether
Concen: 4.348 ng/ul
RT: 7.249 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

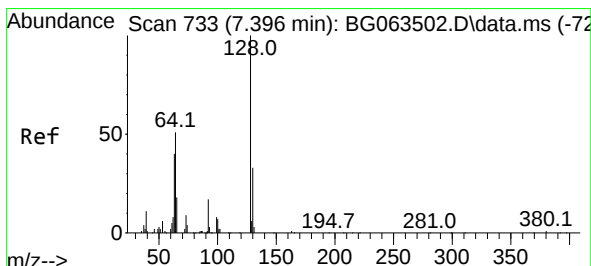
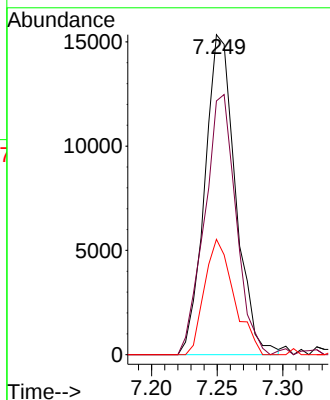
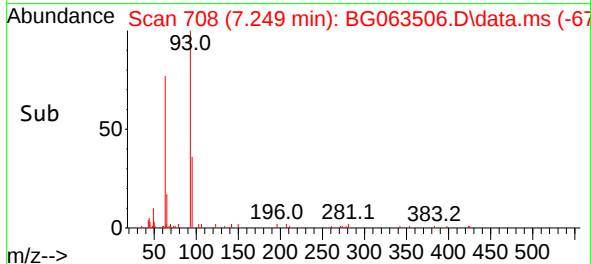
Instrument :
BNA_G
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Tgt Ion: 93 Resp: 25054
Ion Ratio Lower Upper
93 100
63 79.3 62.7 94.1
95 36.1 21.6 32.4

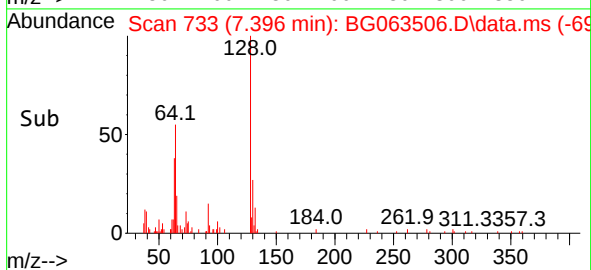
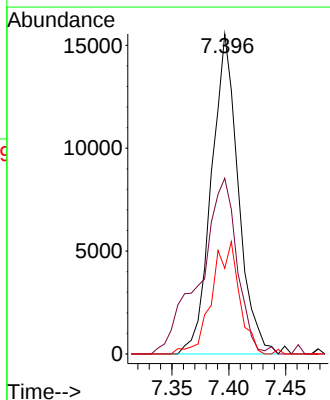
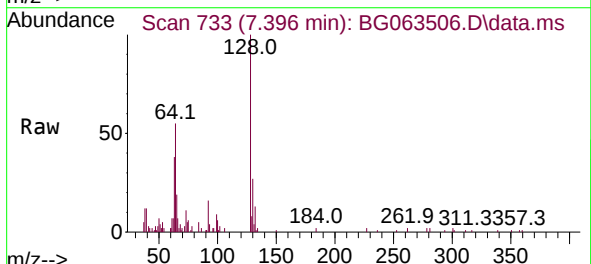
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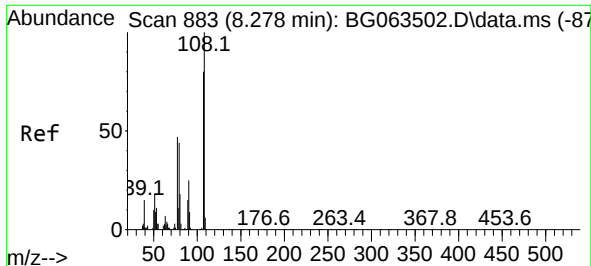
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#12
2-Chlorophenol
Concen: 4.611 ng/ul
RT: 7.396 min Scan# 733
Delta R.T. -0.002 min
Lab File: BG063506.D
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Tgt Ion:128 Resp: 25538
Ion Ratio Lower Upper
128 100
64 54.9 45.1 67.7
130 26.7 25.0 37.6





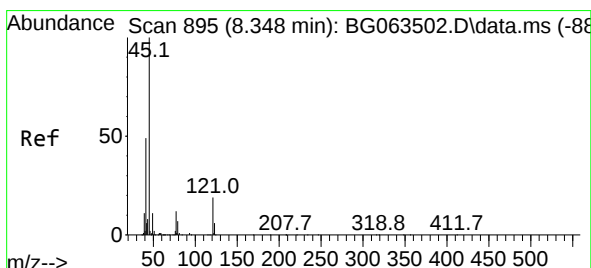
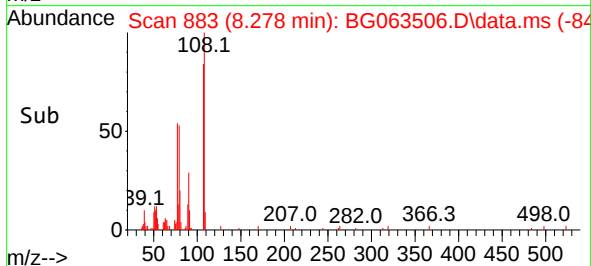
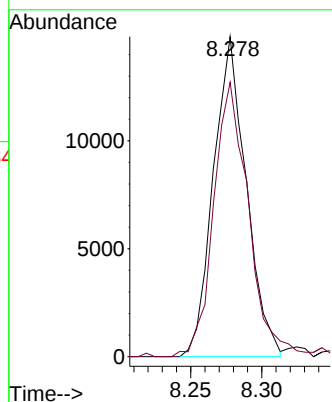
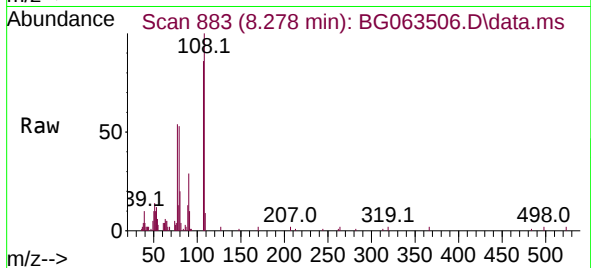
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2-Methylphenol
Concen: 4.006 ng/ul
RT: 8.278 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 23799
Ion Ratio Lower Upper
108 100
107 85.7 67.7 101.5

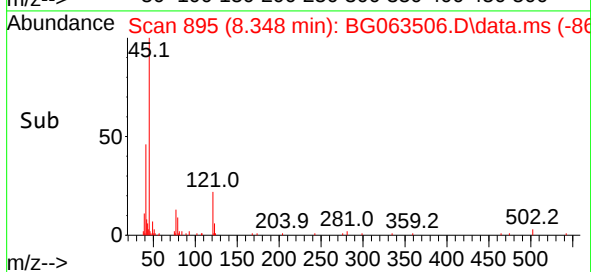
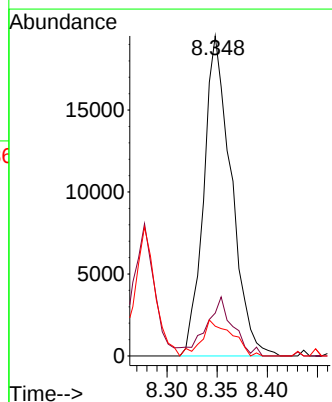
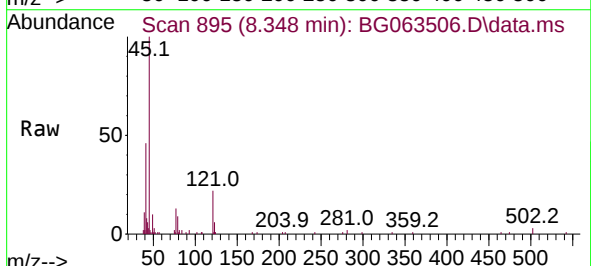
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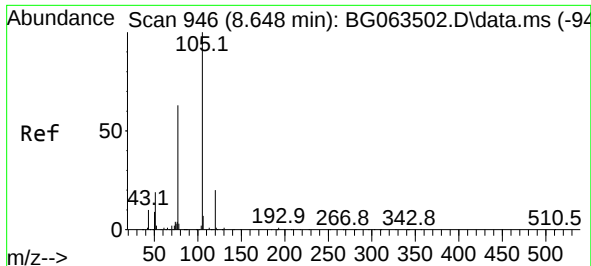
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.411 ng/ul
RT: 8.348 min Scan# 895
Delta R.T. -0.002 min
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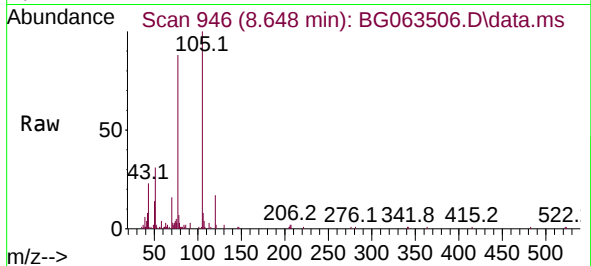
Tgt Ion: 45 Resp: 37239
Ion Ratio Lower Upper
45 100
77 13.4 14.5 21.7#
79 9.3 9.7 14.5#





#16
Acetophenone
Concen: 4.095 ng/ul
RT: 8.648 min Scan# 946
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

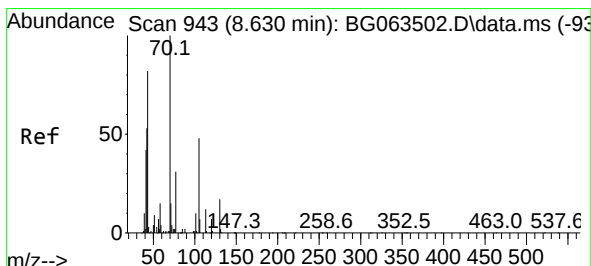
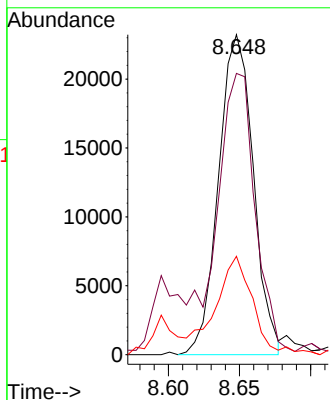
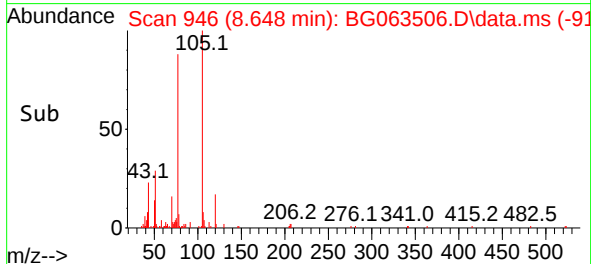
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 105 Resp: 3957
Ion Ratio Lower Upper
105 100
77 87.9 67.0 100.6
51 30.7 22.3 33.5

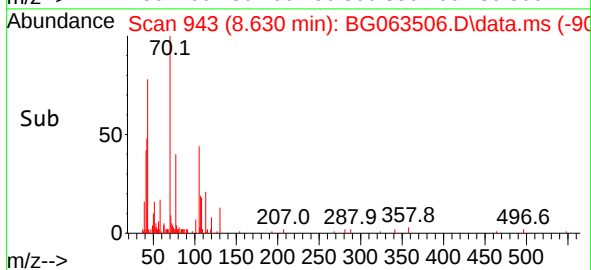
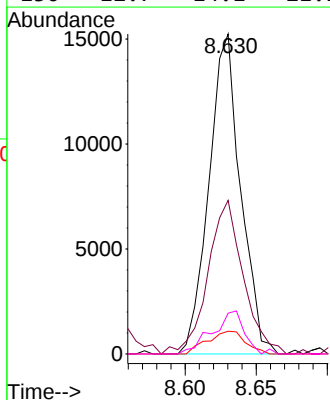
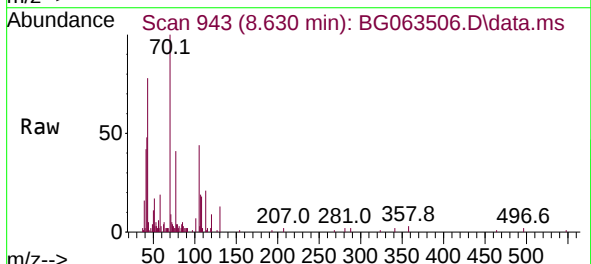
Manual Integrations
APPROVED

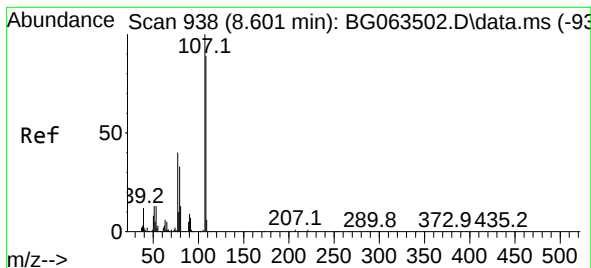
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.365 ng/ul
RT: 8.630 min Scan# 943
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion: 70 Resp: 23577
Ion Ratio Lower Upper
70 100
42 48.0 38.9 58.3
101 7.1 7.2 10.8#
130 12.7 14.1 21.1#





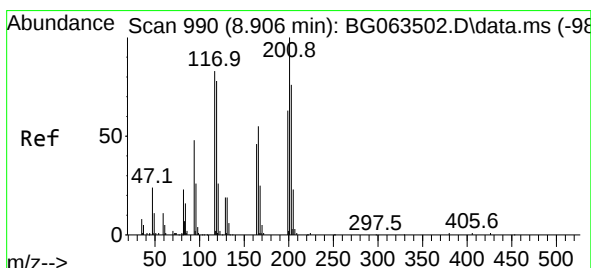
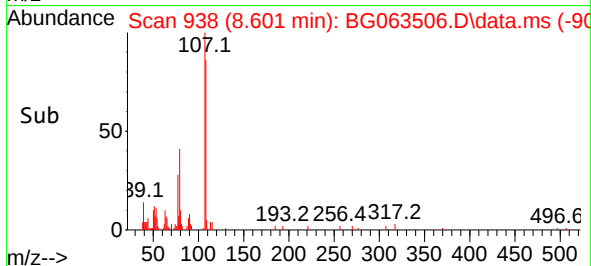
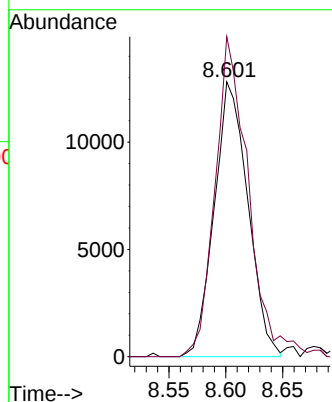
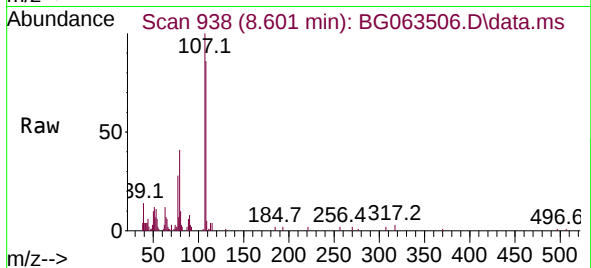
#18
4-Methylphenol
Concen: 4.038 ng/ul
RT: 8.601 min Scan# 911
Delta R.T. -0.008 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 2631
Ion Ratio Lower Upper
108 100
107 116.4 81.4 122.2

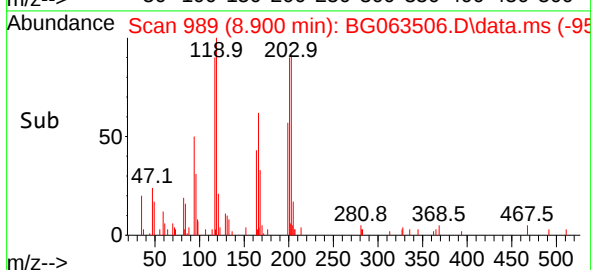
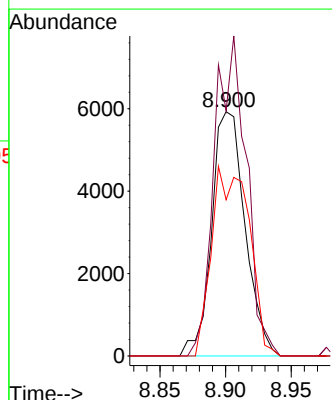
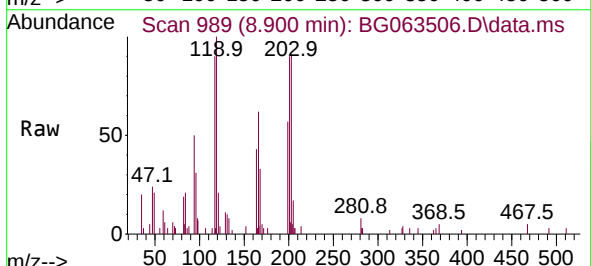
Manual Integrations
APPROVED

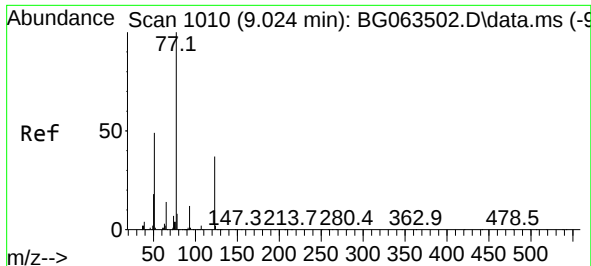
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#19
Hexachloroethane
Concen: 4.391 ng/ul
RT: 8.900 min Scan# 989
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

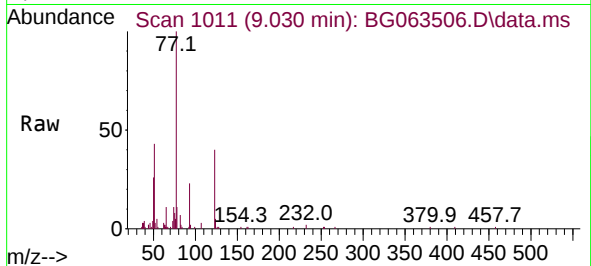
Tgt Ion:117 Resp: 10502
Ion Ratio Lower Upper
117 100
201 100.4 107.0 160.4#
199 63.9 60.0 90.0





#22
Nitrobenzene
Concen: 4.355 ng/ul
RT: 9.030 min Scan# 1011
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

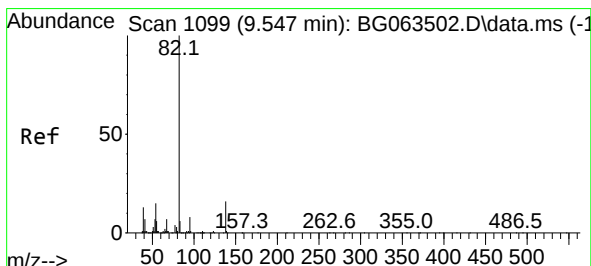
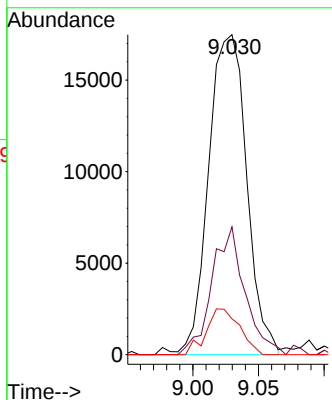
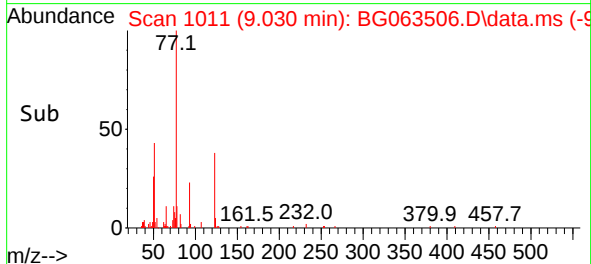
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 77 Resp: 3518
Ion Ratio Lower Upper
77 100
123 40.0 29.8 44.8
65 11.2 11.9 17.9

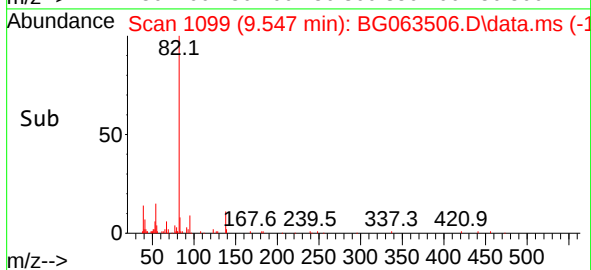
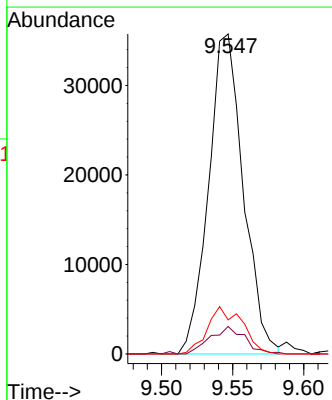
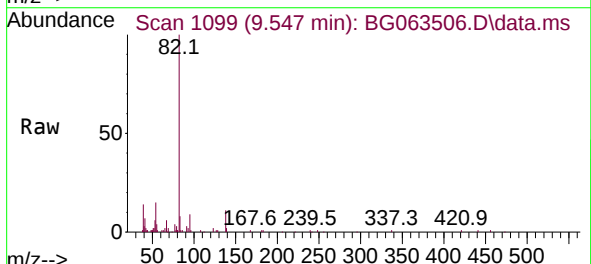
Manual Integrations
APPROVED

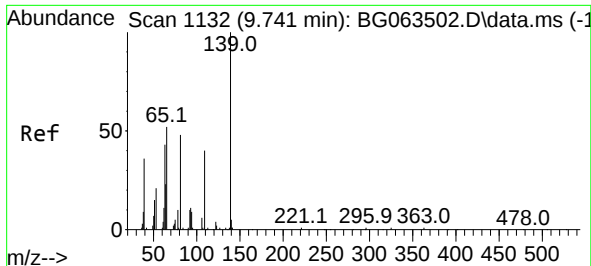
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#23
Isophorone
Concen: 4.117 ng/ul
RT: 9.547 min Scan# 1099
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion: 82 Resp: 60732
Ion Ratio Lower Upper
82 100
95 8.6 6.2 9.4
138 10.7 11.9 17.9





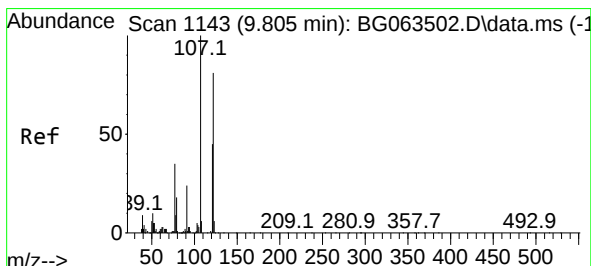
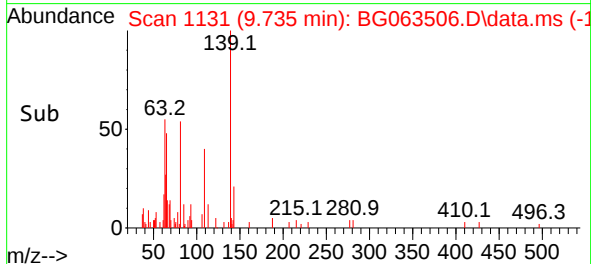
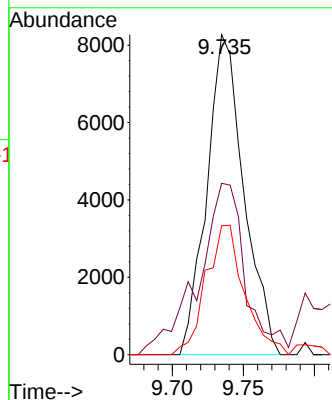
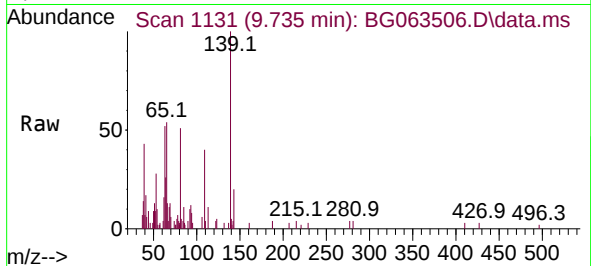
#25
2-Nitrophenol
Concen: 4.648 ng/ul
RT: 9.735 min Scan# 1132
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:139 Resp: 1500
Ion Ratio Lower Upper
139 100
65 53.5 54.0 81.0
109 40.3 38.2 57.4

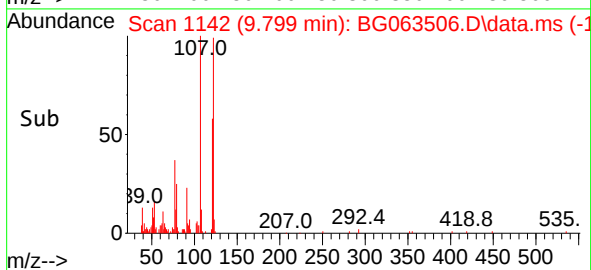
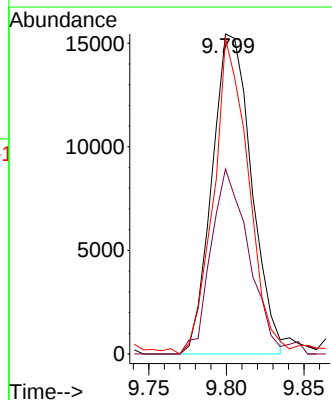
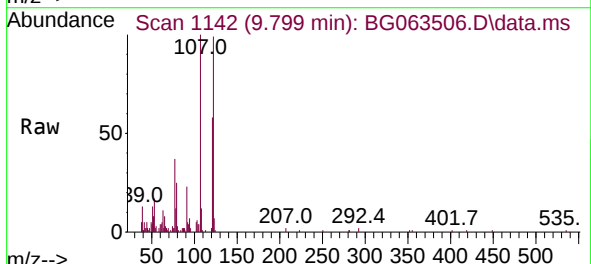
Manual Integrations
APPROVED

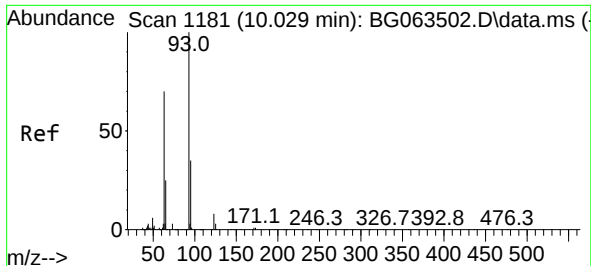
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#26
2,4-Dimethylphenol
Concen: 3.932 ng/ul
RT: 9.799 min Scan# 1142
Delta R.T. -0.008 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

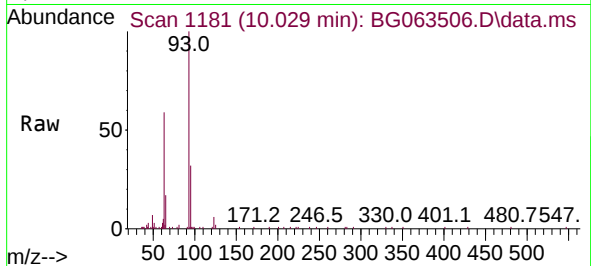
Tgt Ion:107 Resp: 27356
Ion Ratio Lower Upper
107 100
121 57.8 34.4 51.6#
122 98.7 61.0 91.6#





#27
Bis(2-Chloroethoxy)methane
Concen: 4.402 ng/ul
RT: 10.029 min Scan# 1181
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

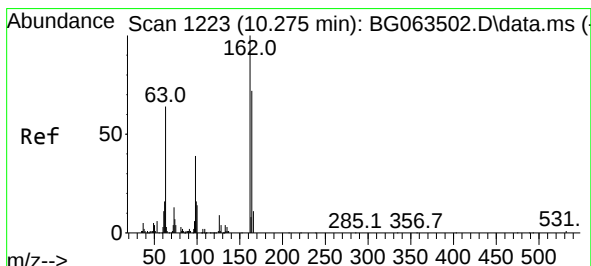
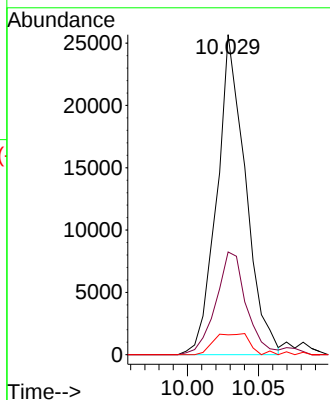
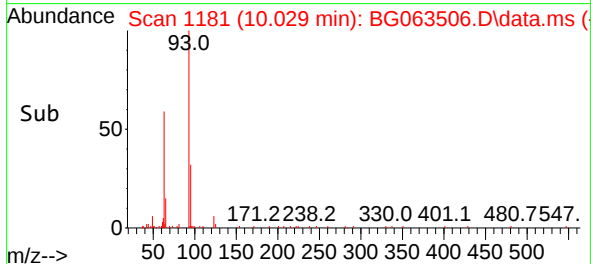
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion: 93 Resp: 3594
Ion Ratio Lower Upper
93 100
95 32.1 26.9 40.3
123 6.2 6.6 9.8

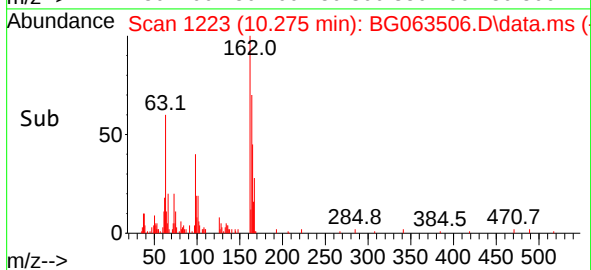
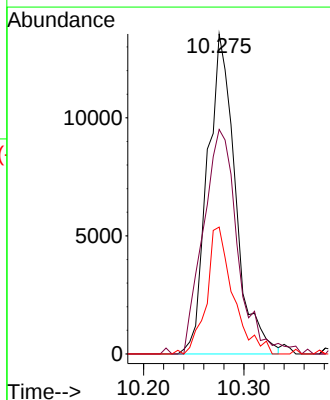
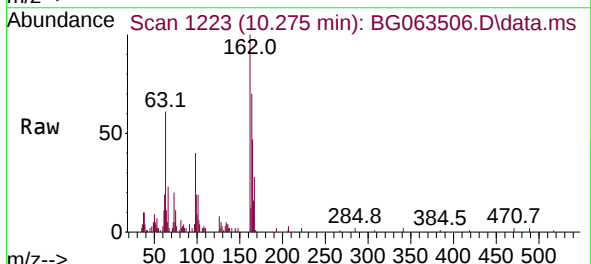
Manual Integrations
APPROVED

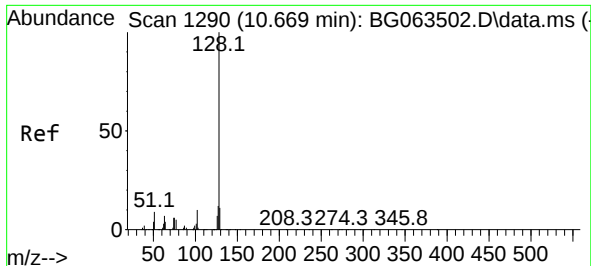
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#29
2,4-Dichlorophenol
Concen: 4.322 ng/ul
RT: 10.275 min Scan# 1223
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion:162 Resp: 26221
Ion Ratio Lower Upper
162 100
164 70.2 52.8 79.2
98 39.7 29.0 43.6





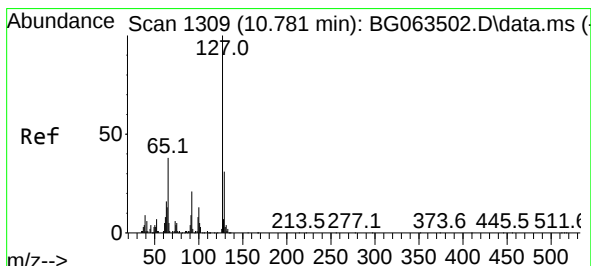
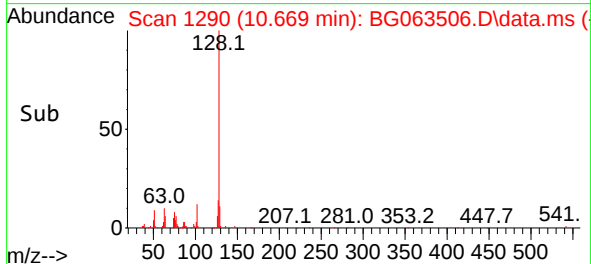
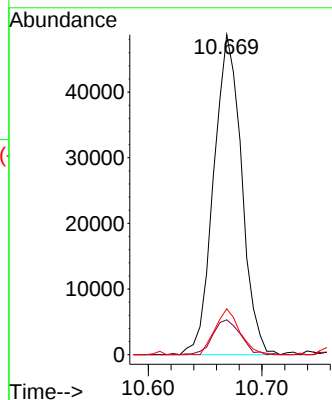
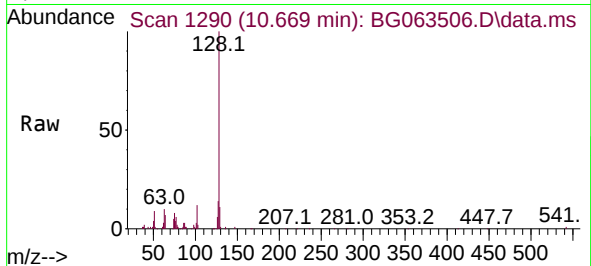
#30
Naphthalene
Concen: 4.433 ng/ul
RT: 10.669 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.2
127	14.3	11.8	17.6

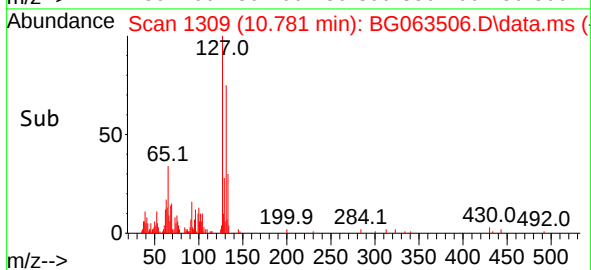
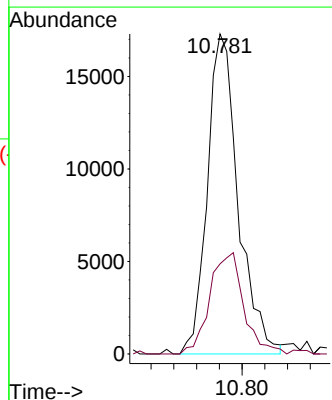
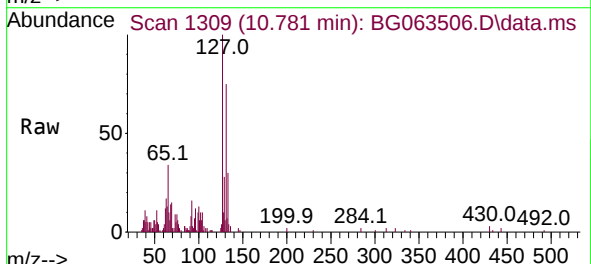
Manual Integrations
APPROVED

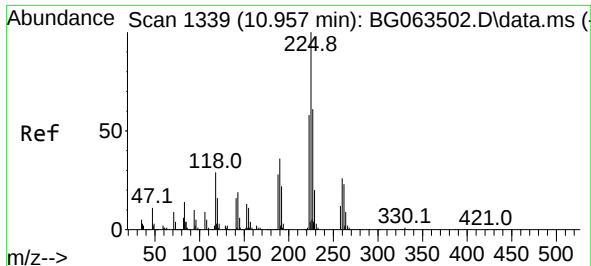
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#32
4-Chloroaniline
Concen: 4.341 ng/ul
RT: 10.781 min Scan# 1309
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

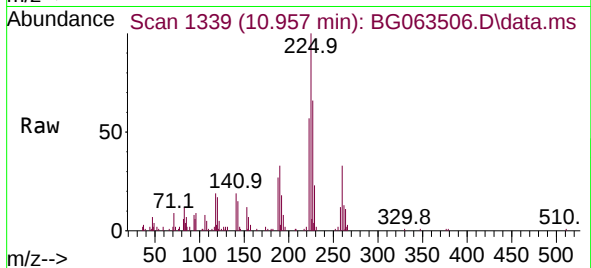
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.1	26.2	39.2





#33
Hexachlorobutadiene
Concen: 4.508 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

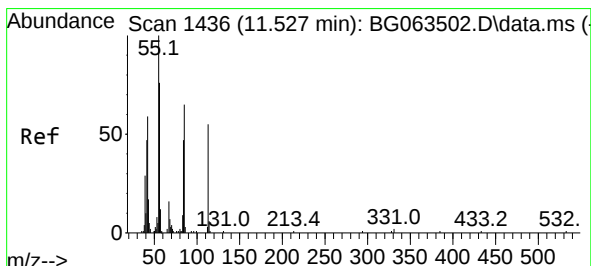
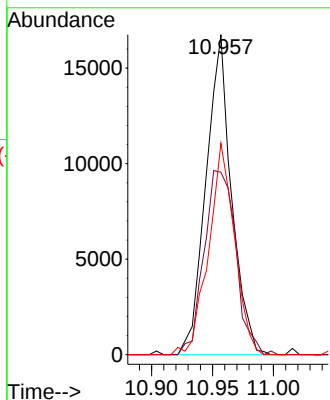
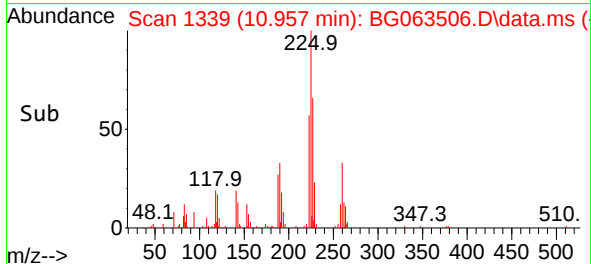
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:225 Resp: 2439
Ion Ratio Lower Upper
225 100
223 54.0 54.8 82.2
227 62.6 53.4 80.2

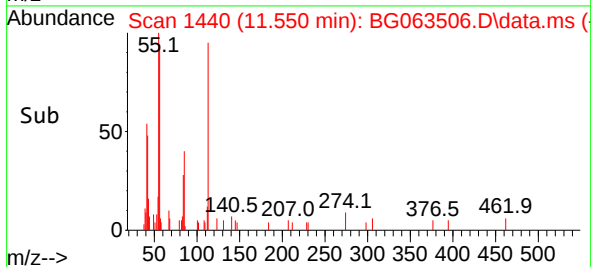
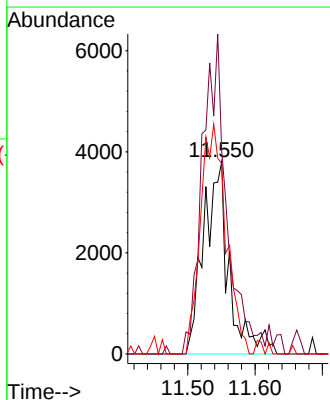
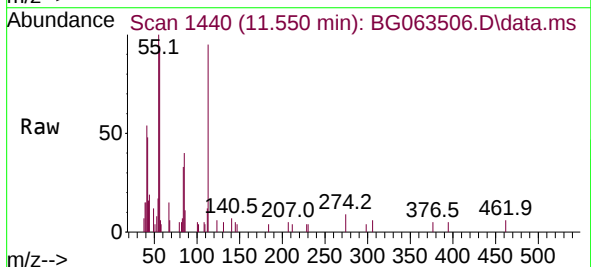
Manual Integrations
APPROVED

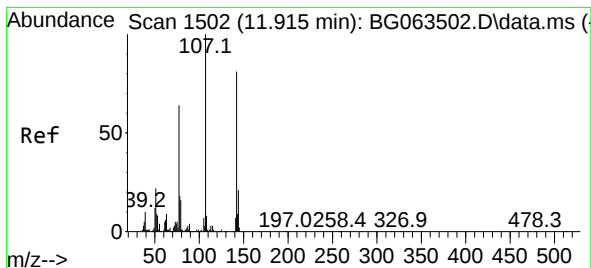
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#34
Caprolactam
Concen: 4.841 ng/ul m
RT: 11.550 min Scan# 1440
Delta R.T. 0.016 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

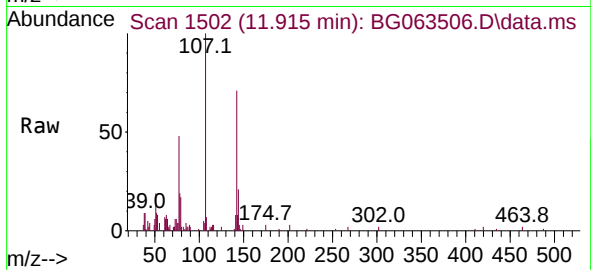
Tgt Ion:113 Resp: 9898
Ion Ratio Lower Upper
113 100
55 105.4 135.2 202.8#
56 99.1 109.8 164.6#





#35
4-Chloro-3-methylphenol
Concen: 4.041 ng/ul
RT: 11.915 min Scan# 1502
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

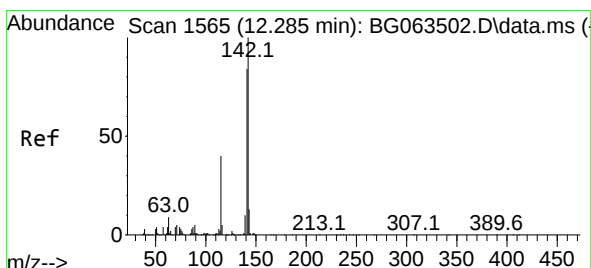
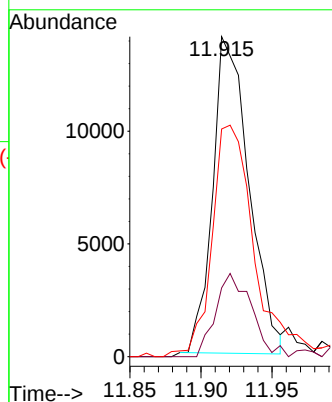
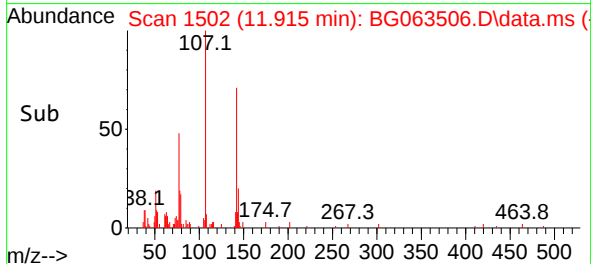
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:107 Resp: 24954
Ion Ratio Lower Upper
107 100
144 21.5 18.6 27.8
142 71.1 65.2 97.8

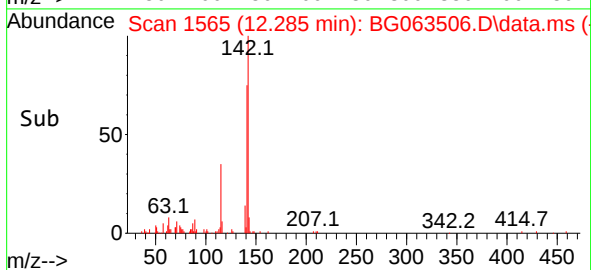
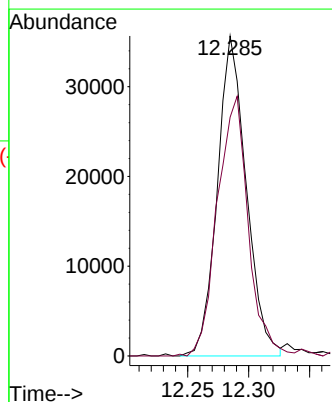
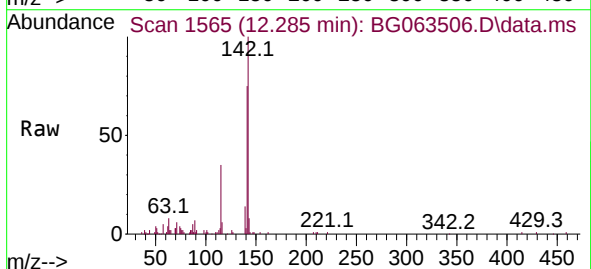
Manual Integrations
APPROVED

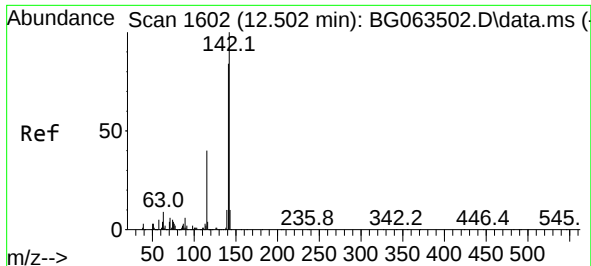
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#36
2-Methylnaphthalene
Concen: 4.429 ng/ul
RT: 12.285 min Scan# 1565
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion:142 Resp: 58933
Ion Ratio Lower Upper
142 100
141 74.6 70.9 106.3





#37

1-Methylnaphthalene

Concen: 4.042 ng/ul

RT: 12.508 min Scan# 1603

Delta R.T. 0.004 min

Lab File: BG063506.D

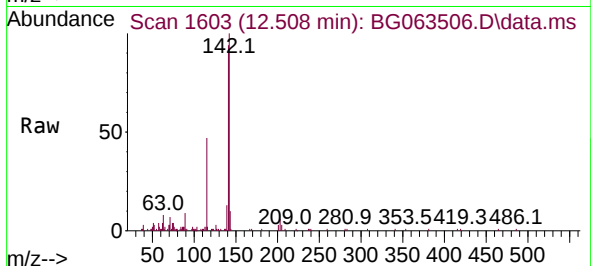
Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07



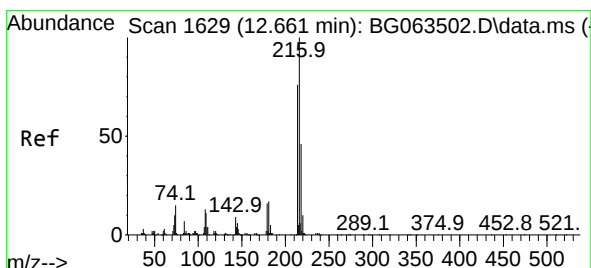
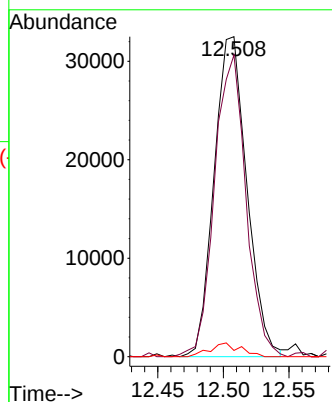
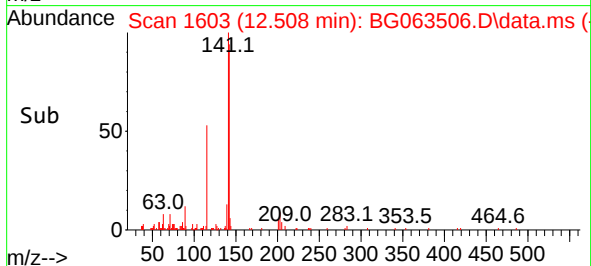
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	71.0	106.4
116	2.0	3.5	5.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.400 ng/ul

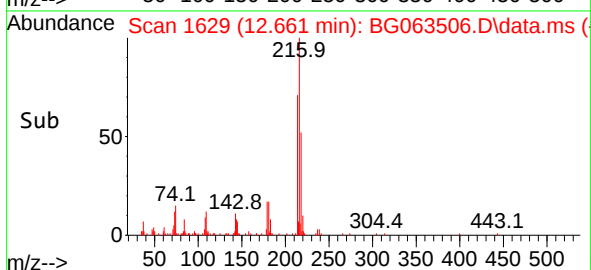
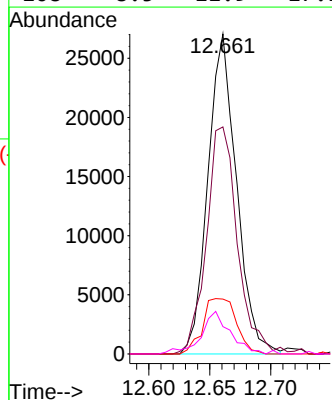
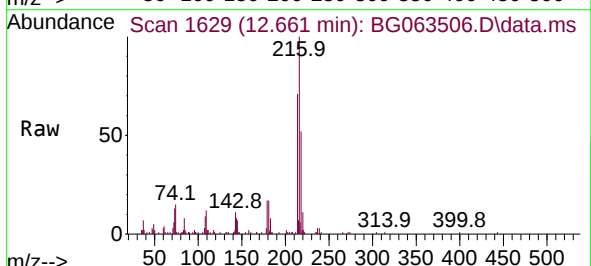
RT: 12.661 min Scan# 1629

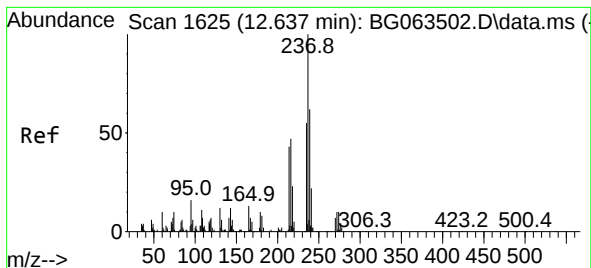
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Tgt Ion	Ratio	Lower	Upper
216	100		
214	71.0	62.6	93.8
179	17.1	14.9	22.3
108	8.5	11.9	17.9





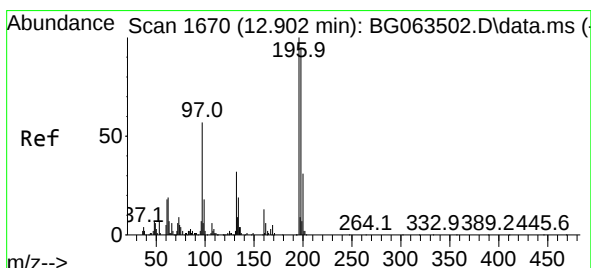
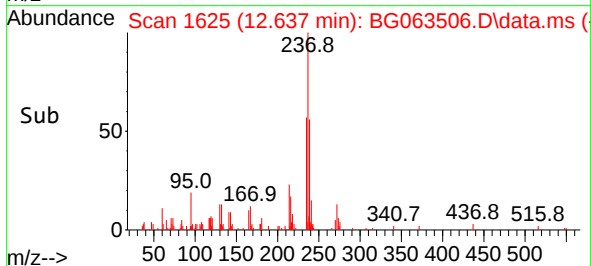
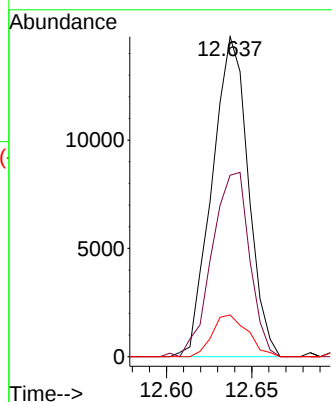
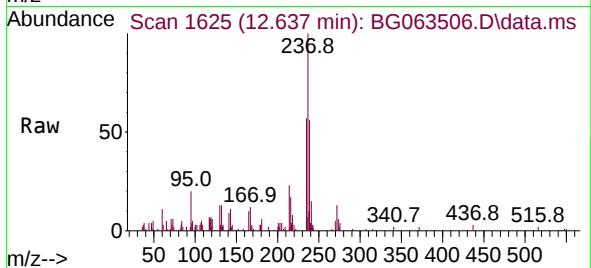
#40
Hexachlorocyclopentadiene
Concen: 5.082 ng/ul
RT: 12.637 min Scan# 1625
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument : BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:237 Resp: 2176
Ion Ratio Lower Upper
237 100
235 56.7 47.2 70.8
272 13.1 9.3 13.9

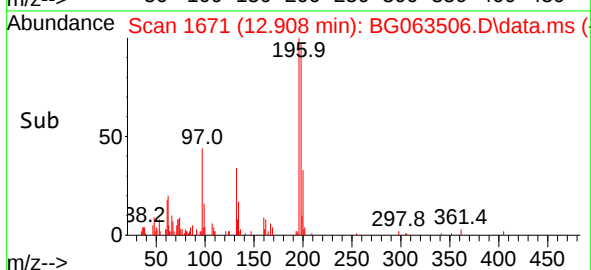
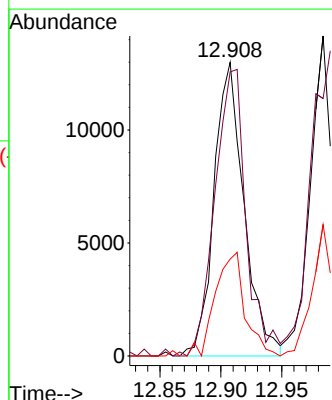
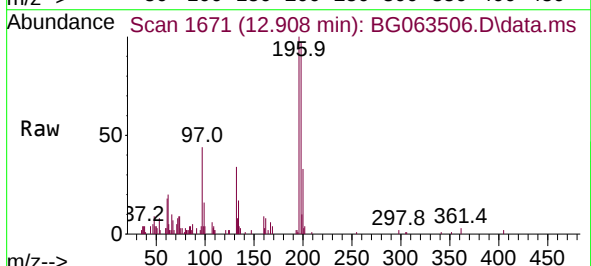
Manual Integrations
APPROVED

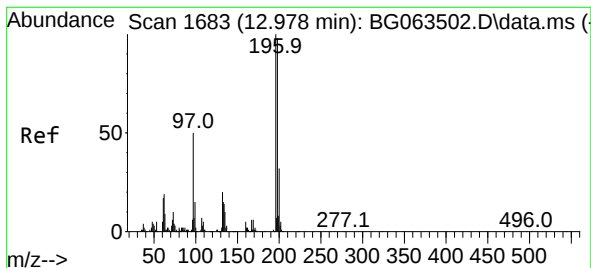
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#41
2,4,6-Trichlorophenol
Concen: 4.047 ng/ul
RT: 12.908 min Scan# 1671
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

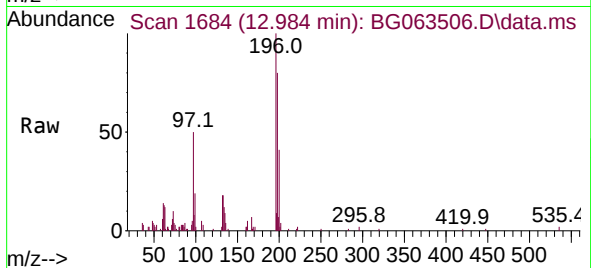
Tgt Ion:196 Resp: 22298
Ion Ratio Lower Upper
196 100
198 96.7 81.5 122.3
200 32.9 26.0 39.0





#42
2,4,5-Trichlorophenol
Concen: 4.063 ng/ul m
RT: 12.984 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

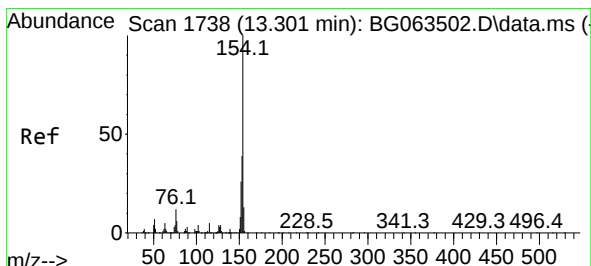
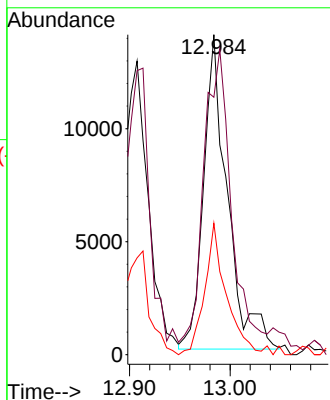
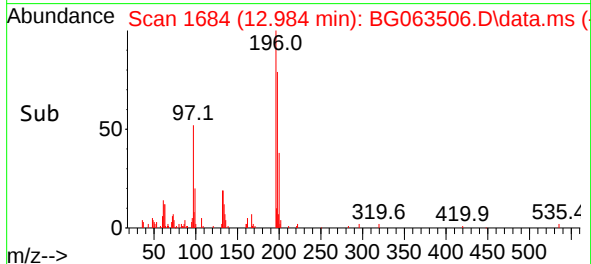
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:196 Resp: 23104
Ion Ratio Lower Upper
196 100
198 80.5 74.8 112.2
200 41.1 23.5 35.3

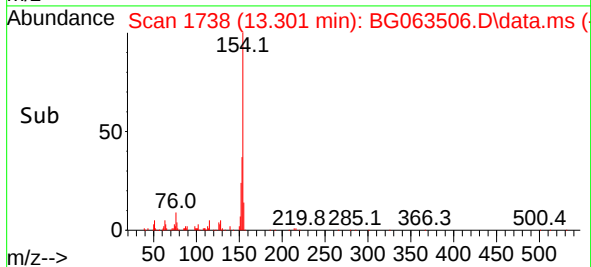
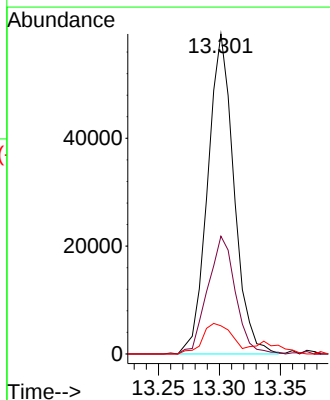
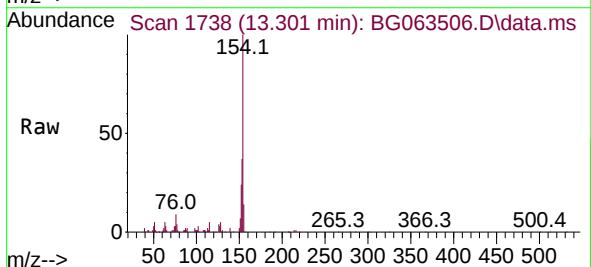
Manual Integrations
APPROVED

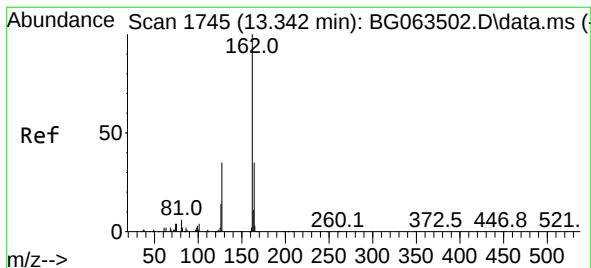
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#43
1,1'-Biphenyl
Concen: 4.684 ng/ul
RT: 13.301 min Scan# 1738
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

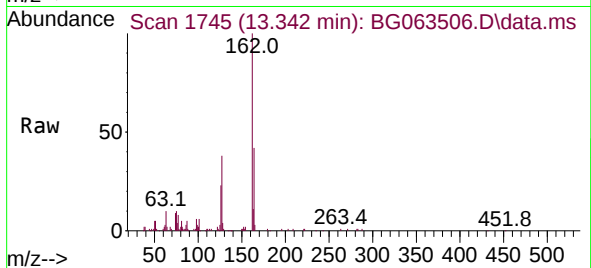
Tgt Ion:154 Resp: 88818
Ion Ratio Lower Upper
154 100
153 36.8 30.4 45.6
76 8.8 10.8 16.2





#44
2-Chloronaphthalene
Concen: 4.495 ng/ul
RT: 13.342 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

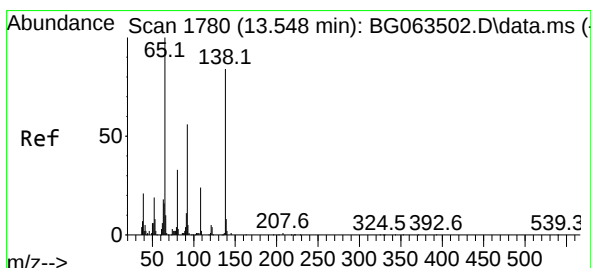
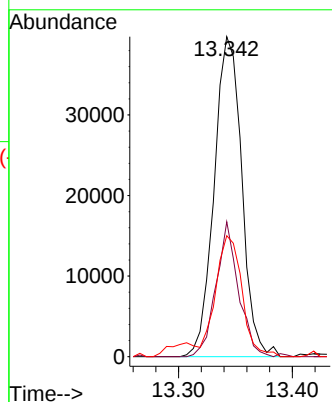
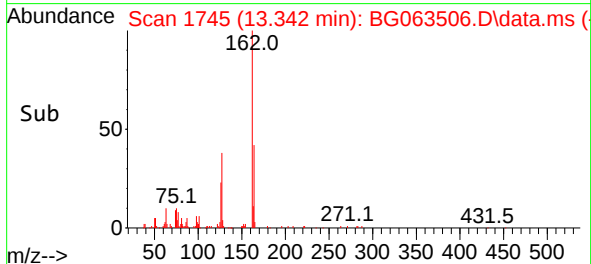
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:162 Resp: 6698
Ion Ratio Lower Upper
162 100
164 42.1 24.3 36.5
127 37.8 28.6 43.0

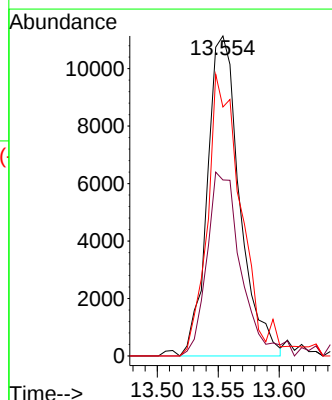
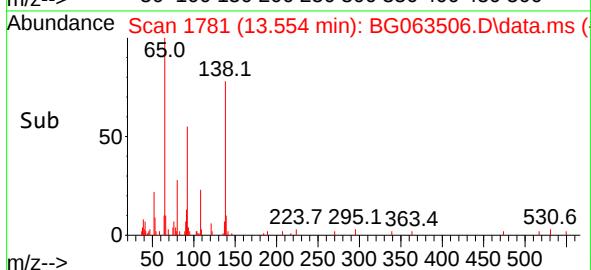
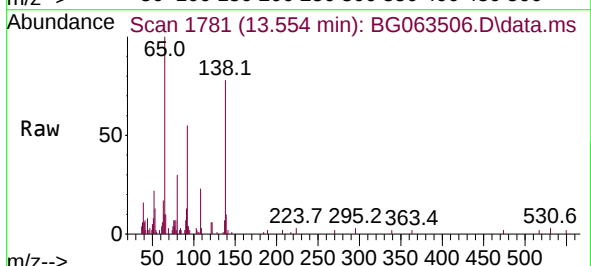
Manual Integrations
APPROVED

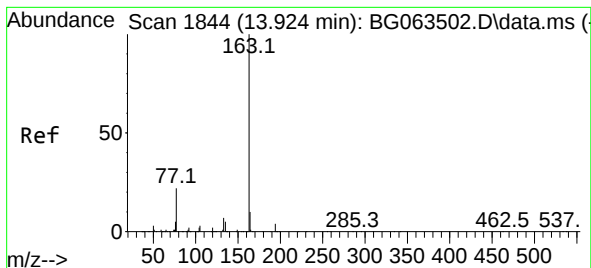
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#45
2-Nitroaniline
Concen: 4.373 ng/ul
RT: 13.554 min Scan# 1781
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion: 65 Resp: 20537
Ion Ratio Lower Upper
65 100
92 55.0 53.0 79.6
138 77.8 73.1 109.7





#47

Dimethylphthalate

Concen: 4.637 ng/ul

RT: 13.924 min Scan# 1844

Delta R.T. -0.002 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07

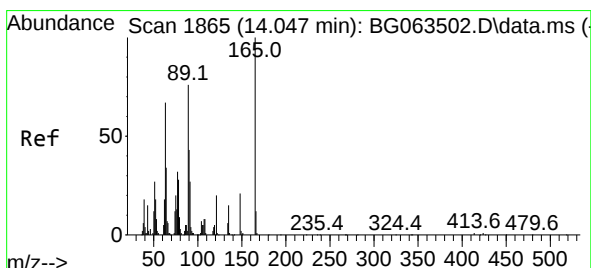
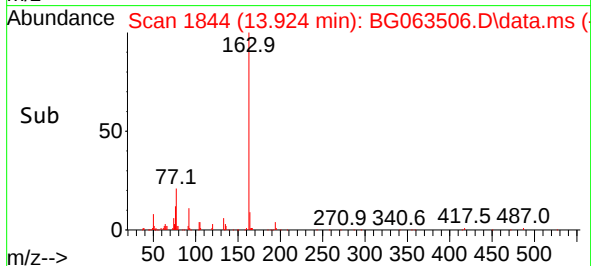
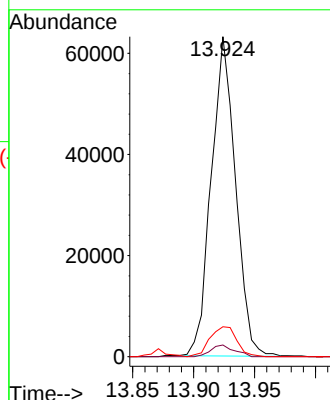
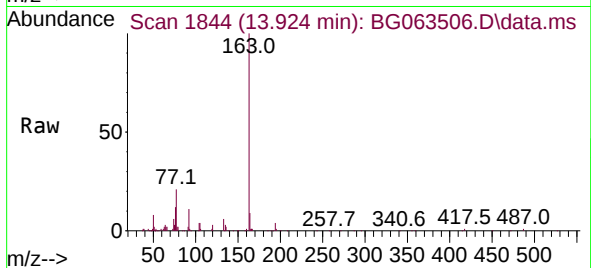
Tgt Ion:	163	Resp:	8762
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.3	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#48

2,6-Dinitrotoluene

Concen: 4.350 ng/ul

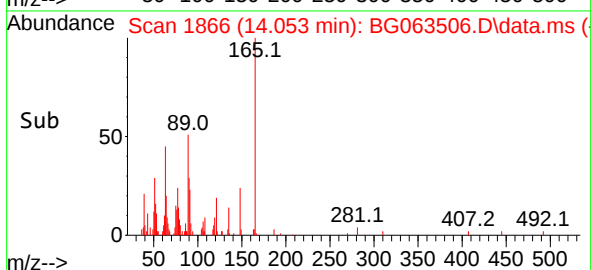
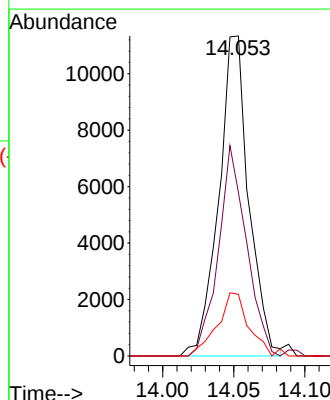
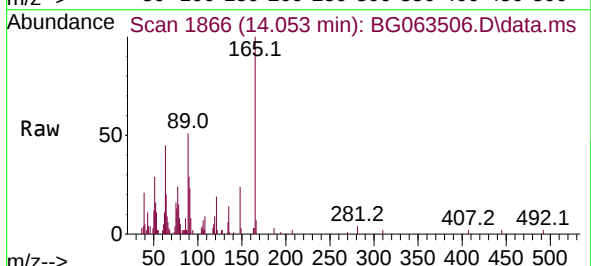
RT: 14.053 min Scan# 1866

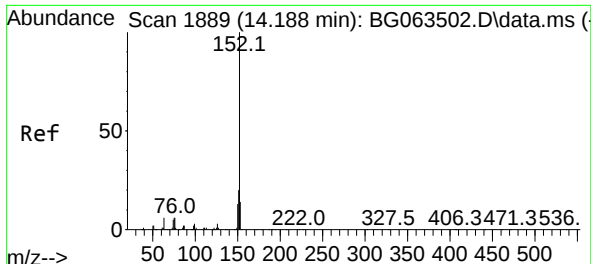
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Tgt Ion:	165	Resp:	16676
Ion Ratio	Lower	Upper	
165	100		
89	51.1	45.1	67.7
121	19.2	15.8	23.6





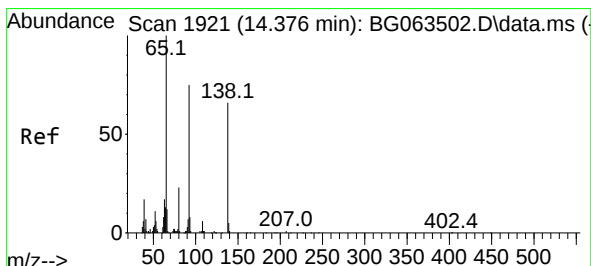
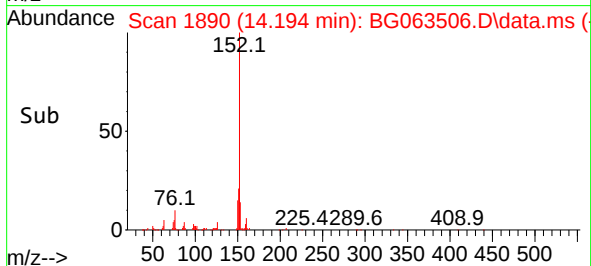
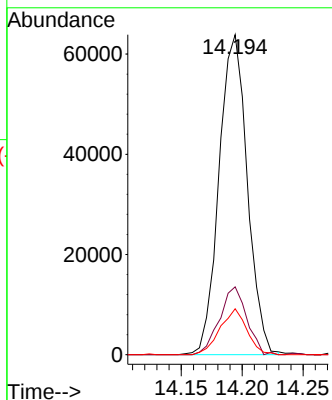
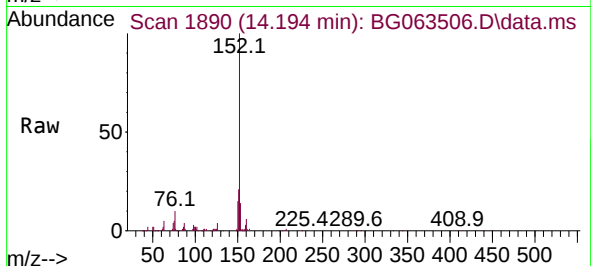
#50
Acenaphthylene
Concen: 4.643 ng/ul
RT: 14.194 min Scan# 1890
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07

Tgt Ion:152 Resp: 10323
Ion Ratio Lower Upper
152 100
151 21.2 14.5 21.7
153 14.3 10.6 16.0

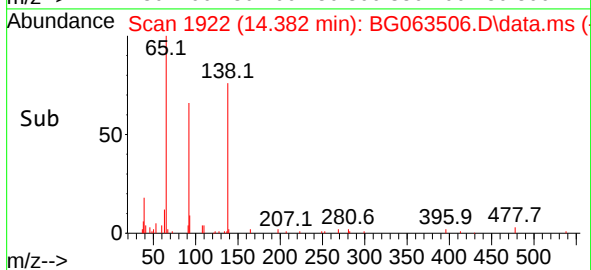
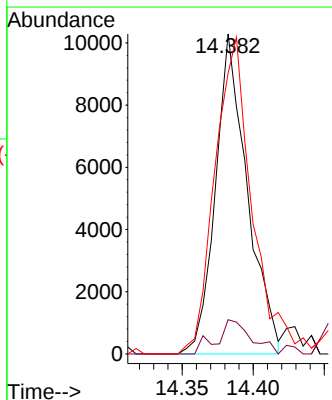
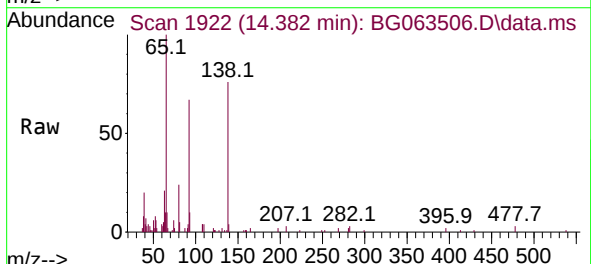
Manual Integrations
APPROVED

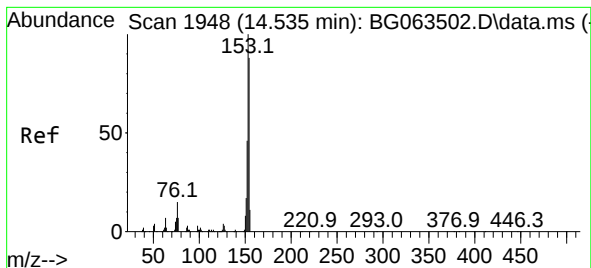
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#51
3-Nitroaniline
Concen: 4.560 ng/ul
RT: 14.382 min Scan# 1922
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

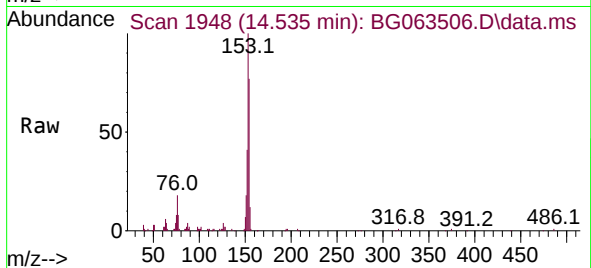
Tgt Ion:138 Resp: 16011
Ion Ratio Lower Upper
138 100
108 10.7 7.9 11.9
92 87.8 104.5 156.7#





#52
Acenaphthene
Concen: 4.570 ng/ul
RT: 14.535 min Scan# 1948
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

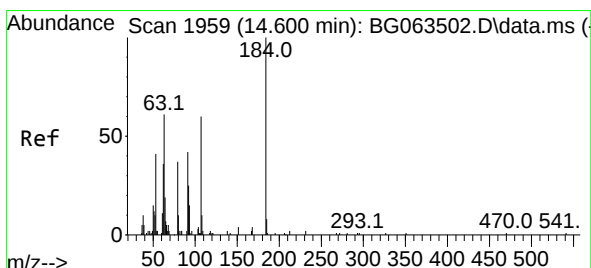
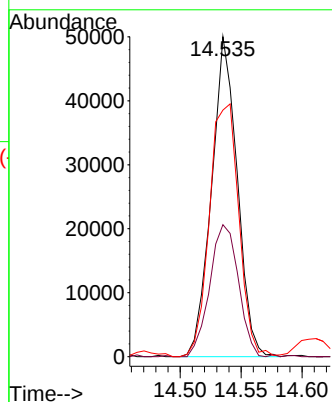
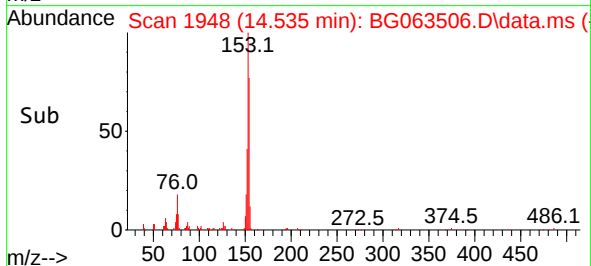
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



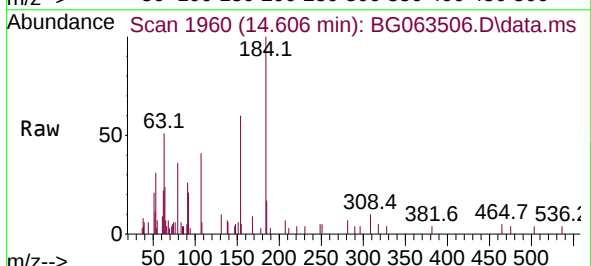
Tgt Ion:153 Resp: 73388
Ion Ratio Lower Upper
153 100
152 41.2 35.4 53.0
154 77.1 69.5 104.3

Manual Integrations
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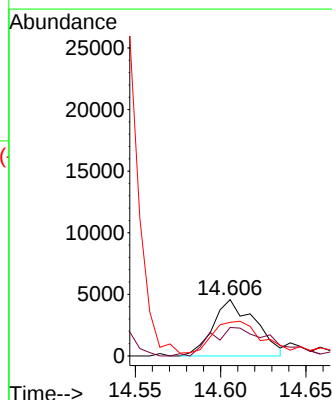
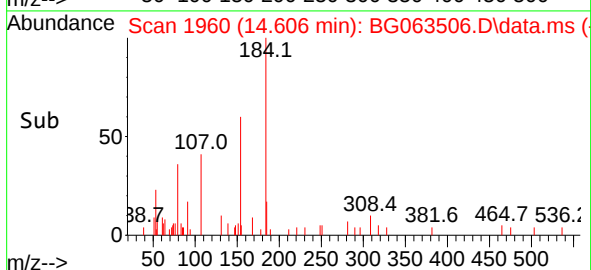
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

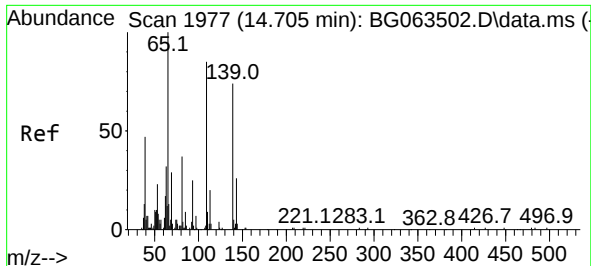


#53
2,4-Dinitrophenol
Concen: 4.006 ng/ul
RT: 14.606 min Scan# 1960
Delta R.T. 0.010 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47



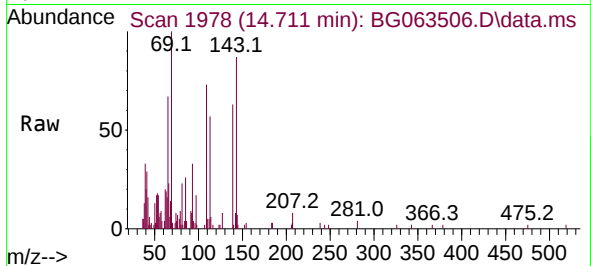
Tgt Ion:184 Resp: 7885
Ion Ratio Lower Upper
184 100
63 50.7 54.6 82.0#
154 65.1 54.6 82.0





#55
4-Nitrophenol
Concen: 3.063 ng/ul
RT: 14.711 min Scan# 1977
Delta R.T. 0.010 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

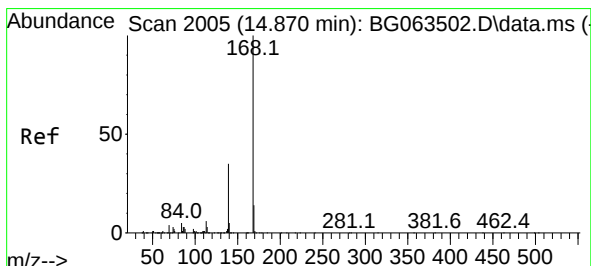
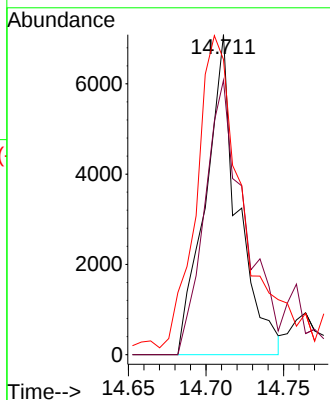
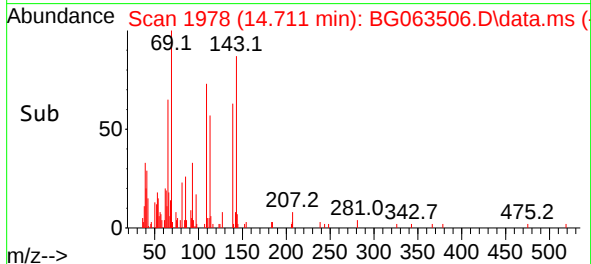
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 10260
Ion Ratio Lower Upper
109 100
139 85.7 63.3 94.9
65 92.2 92.9 139.3

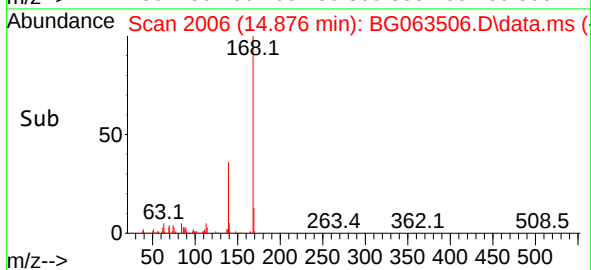
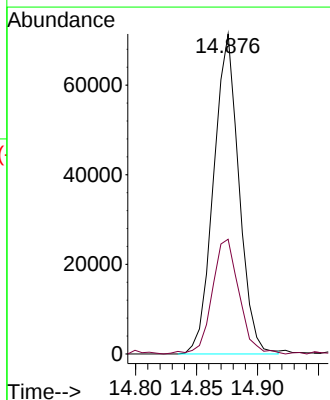
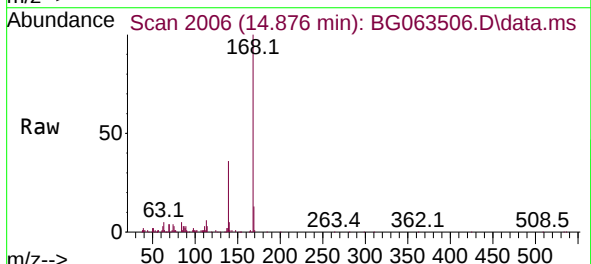
Manual Integrations
APPROVED

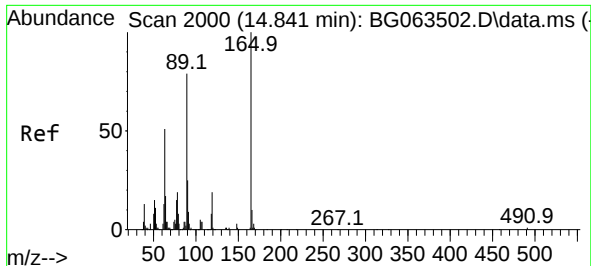
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#56
Dibenzofuran
Concen: 4.493 ng/ul
RT: 14.876 min Scan# 2006
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

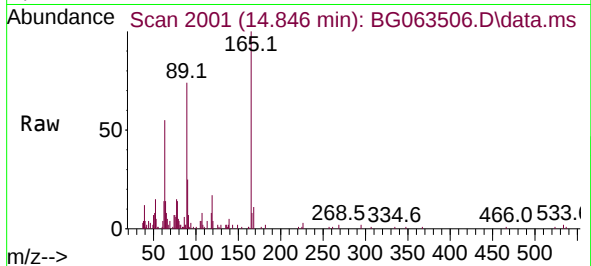
Tgt Ion:168 Resp: 103538
Ion Ratio Lower Upper
168 100
139 35.9 30.0 45.0





#57
2,4-Dinitrotoluene
Concen: 4.388 ng/ul
RT: 14.846 min Scan# 2000
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

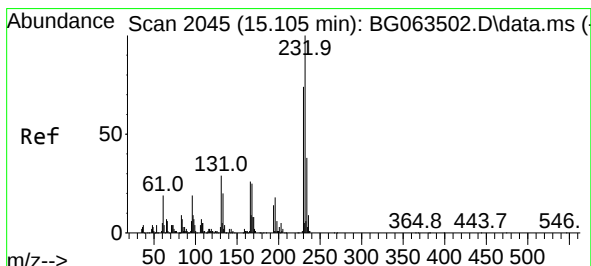
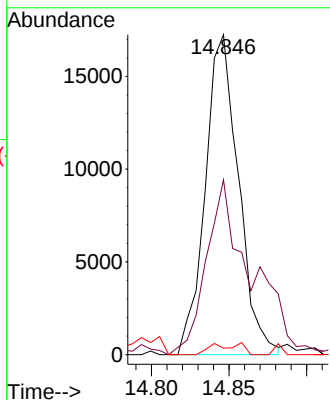
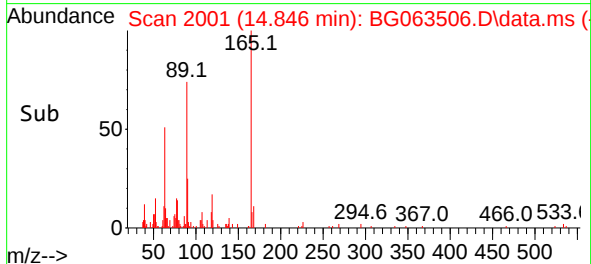
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:165 Resp: 25744
Ion Ratio Lower Upper
165 100
63 54.7 40.0 60.0
182 2.1 2.6 4.0

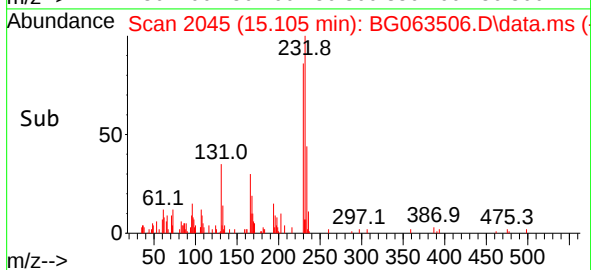
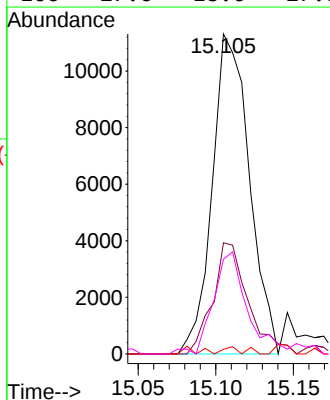
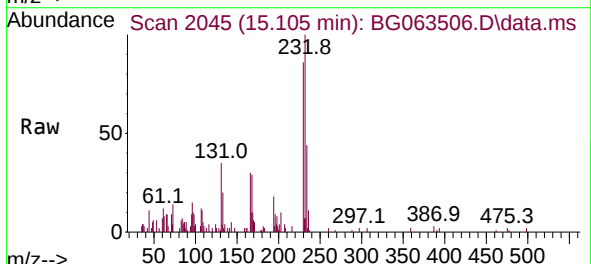
Manual Integrations
APPROVED

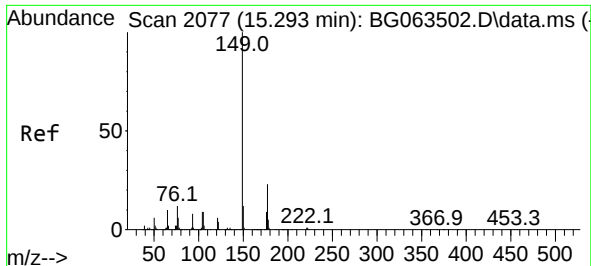
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.476 ng/ul
RT: 15.105 min Scan# 2045
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

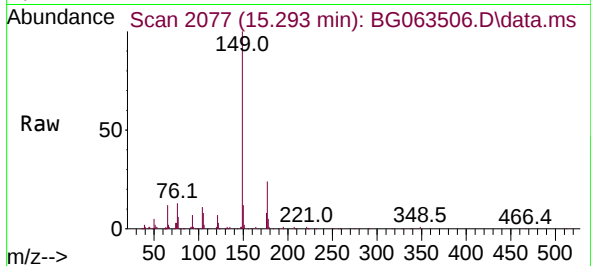
Tgt Ion:232 Resp: 18779
Ion Ratio Lower Upper
232 100
131 32.4 23.1 34.7
130 1.4 1.8 2.8#
166 27.6 18.6 27.8





#59
Diethylphthalate
Concen: 4.541 ng/ul
RT: 15.293 min Scan# 2077
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

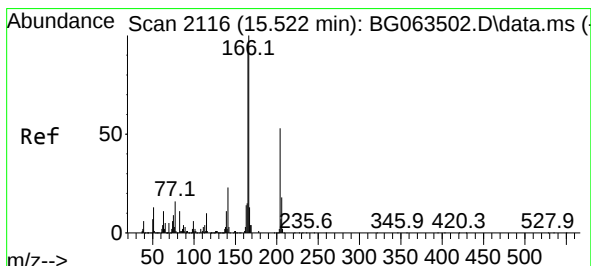
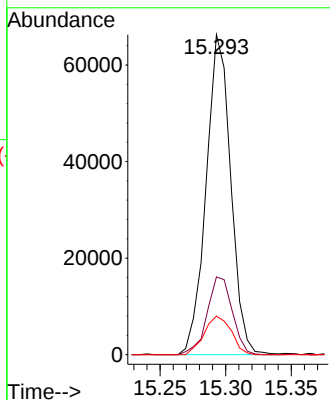
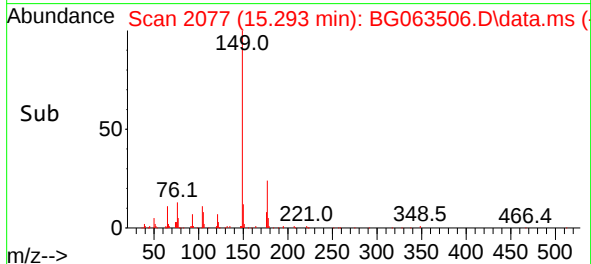
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion:149 Resp: 86684
Ion Ratio Lower Upper
149 100
177 24.3 18.4 27.6
150 12.1 9.0 13.6

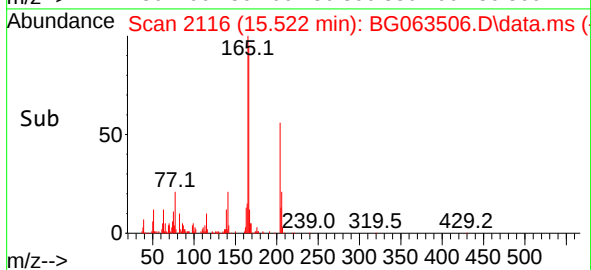
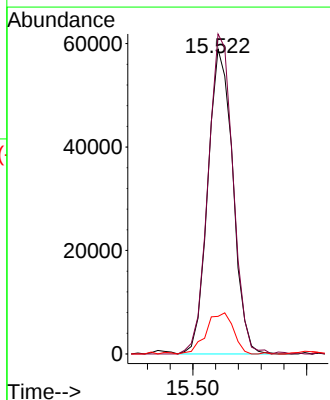
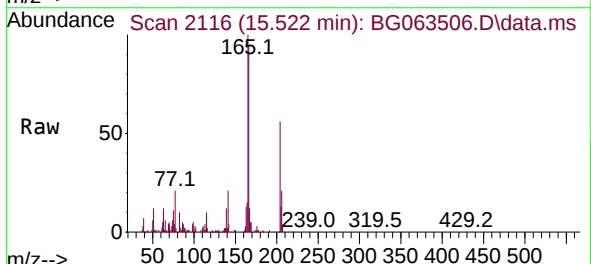
Manual Integrations
APPROVED

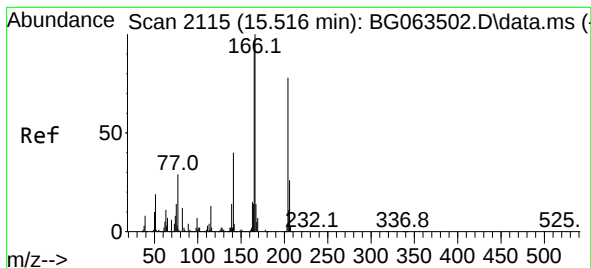
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#61
Fluorene
Concen: 4.570 ng/ul
RT: 15.522 min Scan# 2116
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

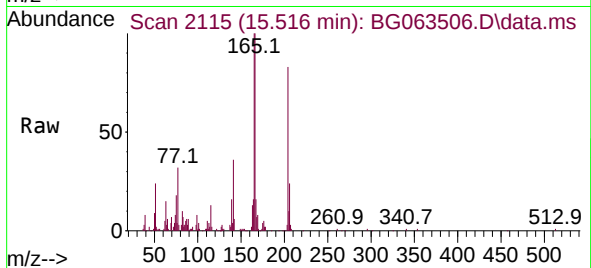
Tgt Ion:166 Resp: 89638
Ion Ratio Lower Upper
166 100
165 104.9 82.3 123.5
167 12.3 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.503 ng/ul
RT: 15.516 min Scan# 2115
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

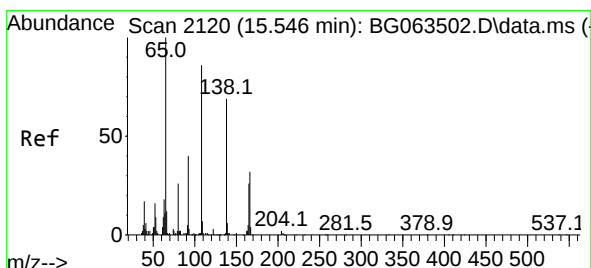
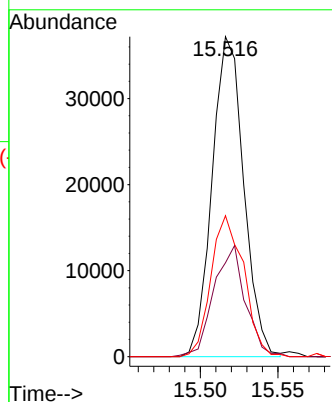
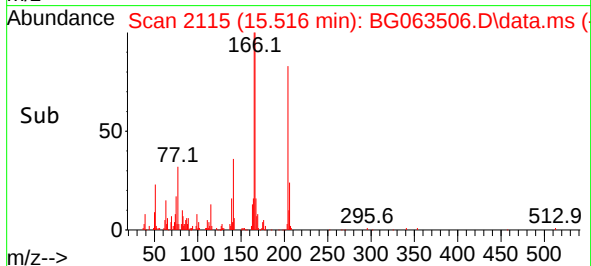
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-07



Tgt Ion: 204 Resp: 52698
Ion Ratio Lower Upper
204 100
206 29.3 24.5 36.7
141 44.1 39.2 58.8

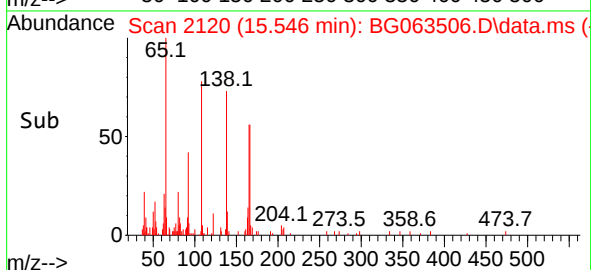
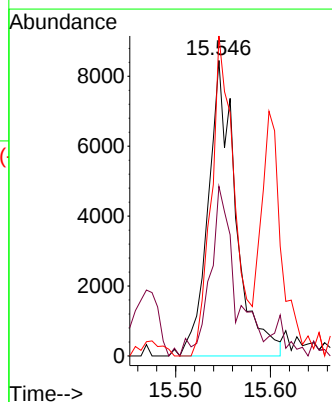
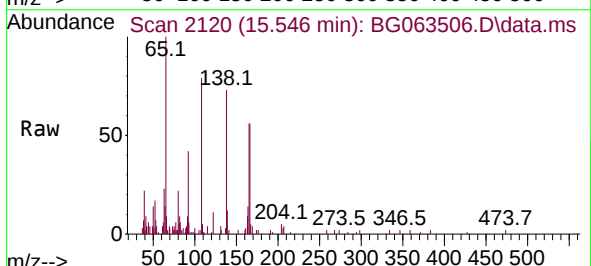
Manual Integrations
APPROVED

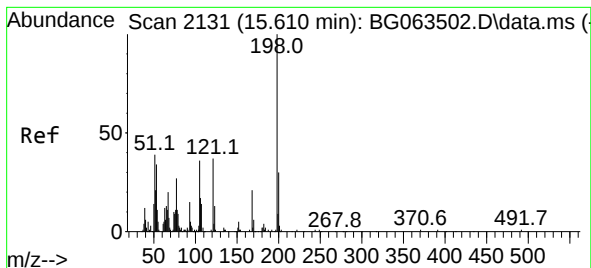
Reviewed By : Yogesh Patel 11/22/2024
Supervised By : mohammad ahmed 11/22/2024



#63
4-Nitroaniline
Concen: 4.777 ng/ul
RT: 15.546 min Scan# 2120
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

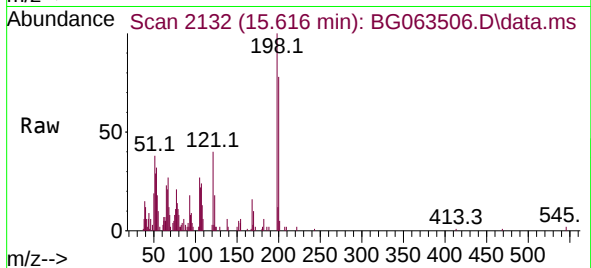
Tgt Ion: 138 Resp: 17172
Ion Ratio Lower Upper
138 100
92 57.4 44.9 67.3
108 108.3 99.8 149.8





#66
4,6-Dinitro-2-methylphenol
Concen: 3.868 ng/ul
RT: 15.616 min Scan# 2131
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

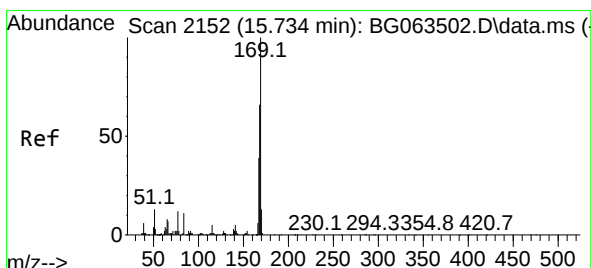
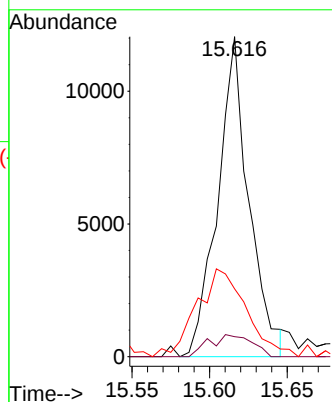
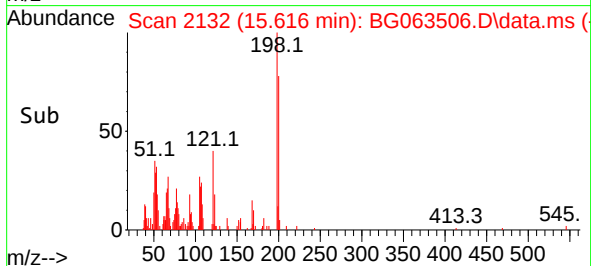
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:198 Resp: 16860
Ion Ratio Lower Upper
198 100
182 6.2 1.7 2.5
77 21.2 18.7 28.1

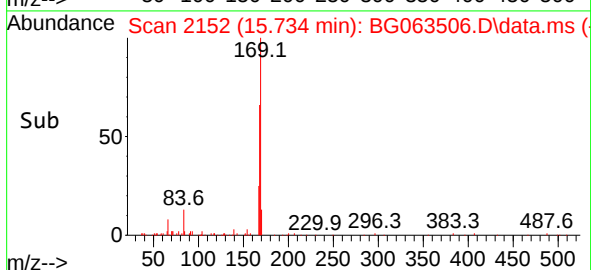
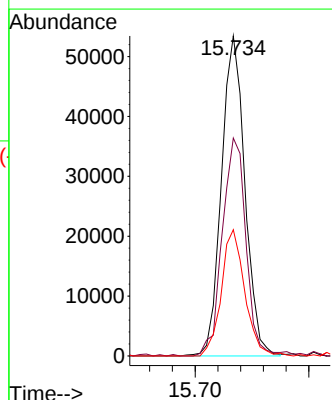
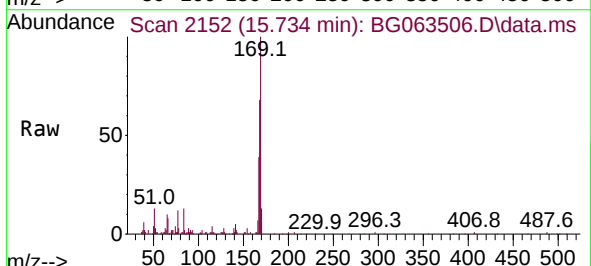
Manual Integrations
APPROVED

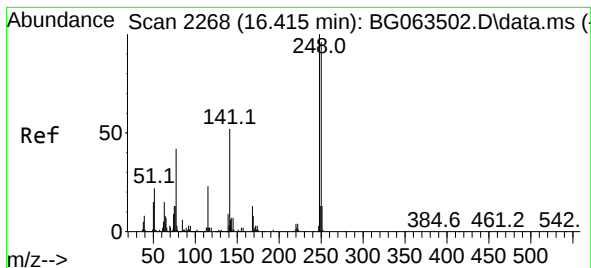
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#67
N-Nitrosodiphenylamine
Concen: 4.442 ng/ul
RT: 15.734 min Scan# 2152
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

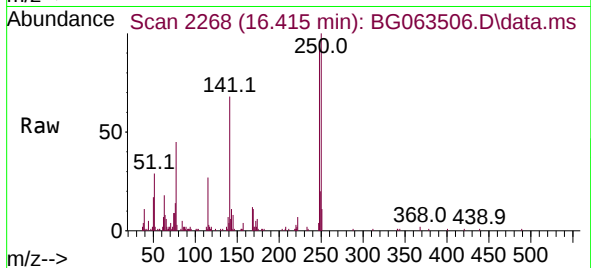
Tgt Ion:169 Resp: 76523
Ion Ratio Lower Upper
169 100
168 68.1 51.9 77.9
167 39.4 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 4.479 ng/ul
RT: 16.415 min Scan# 2268
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

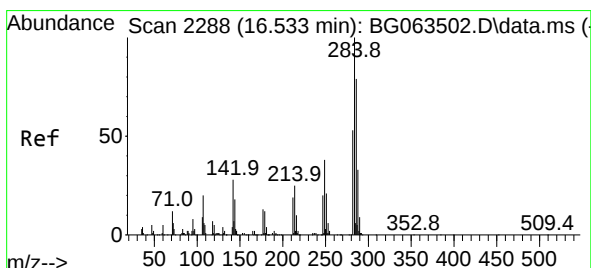
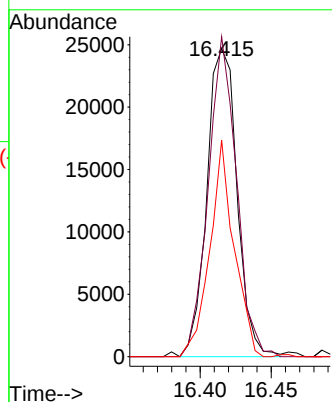
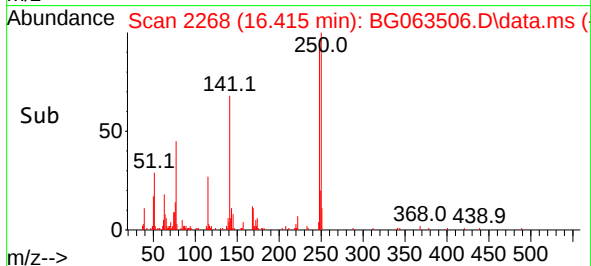
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:248 Resp: 36410
Ion Ratio Lower Upper
248 100
250 103.9 75.1 112.7
141 70.3 44.7 67.1

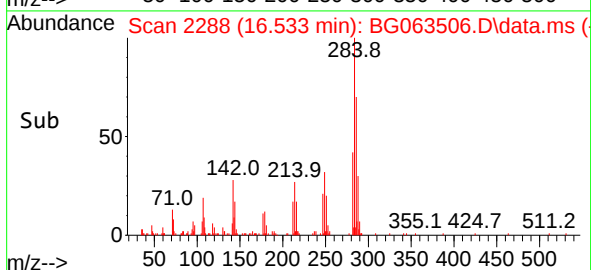
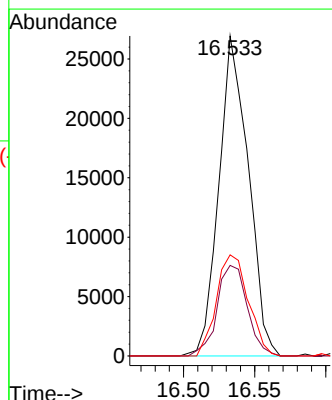
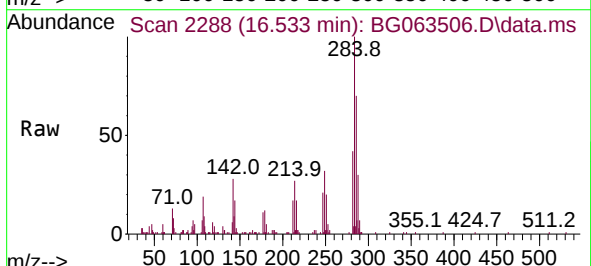
Manual Integrations
APPROVED

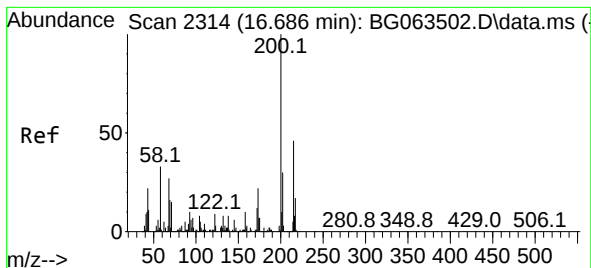
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#69
Hexachlorobenzene
Concen: 4.556 ng/ul
RT: 16.533 min Scan# 2288
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

Tgt Ion:284 Resp: 38836
Ion Ratio Lower Upper
284 100
142 28.3 21.8 32.8
249 31.6 32.6 48.8





#70

Atrazine

Concen: 4.591 ng/ul

RT: 16.685 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07

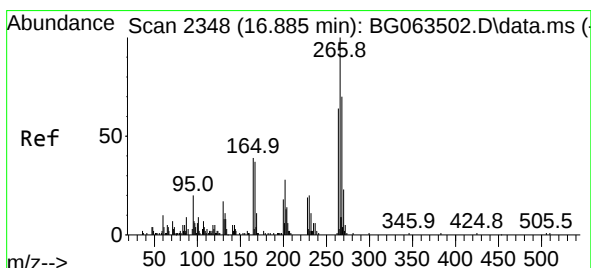
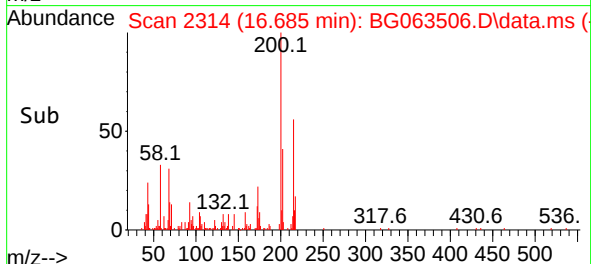
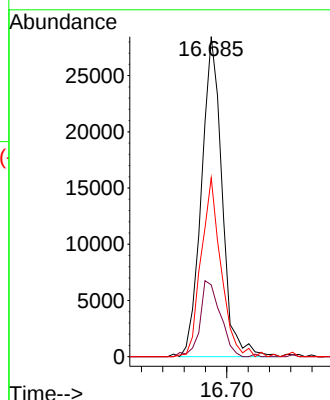
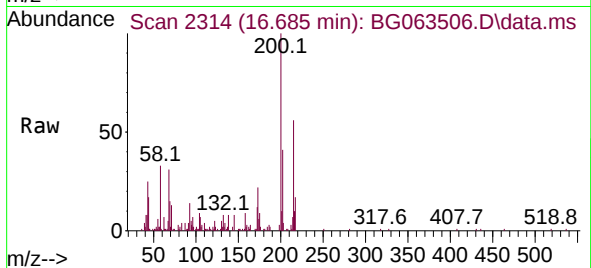
Tgt Ion:	200	Resp:	38209
Ion Ratio	Lower	Upper	
200	100		
173	22.5	17.2	25.8
215	55.9	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#71

Pentachlorophenol

Concen: 4.692 ng/ul

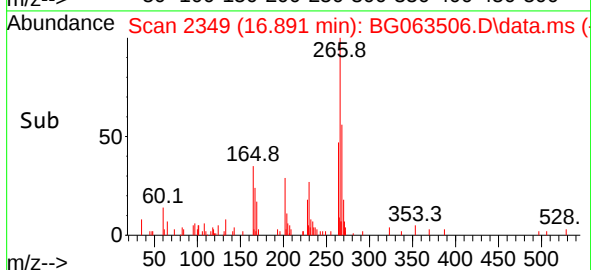
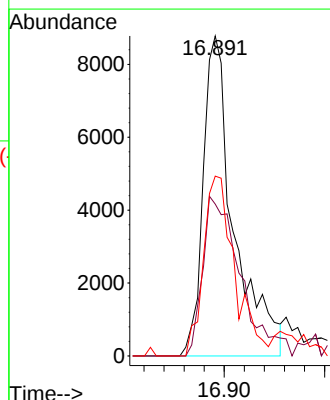
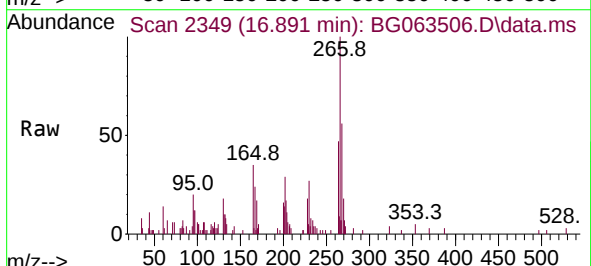
RT: 16.891 min Scan# 2349

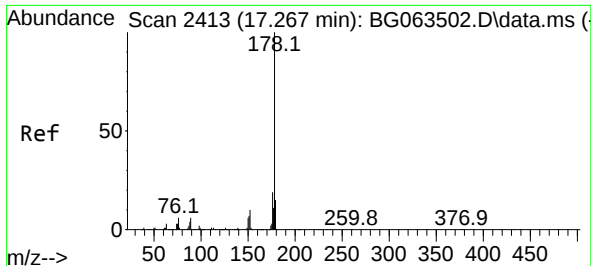
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

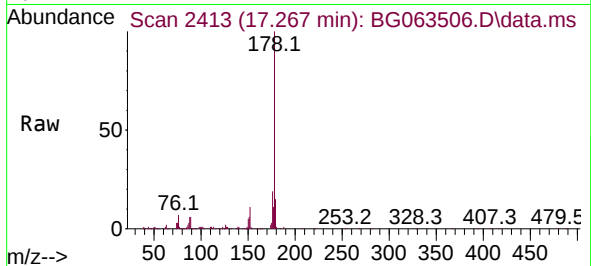
Tgt Ion:	266	Resp:	18702
Ion Ratio	Lower	Upper	
266	100		
264	47.5	43.6	65.4
268	56.2	51.4	77.0





#72
Phenanthrene
Concen: 4.688 ng/ul
RT: 17.267 min Scan# 2413
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

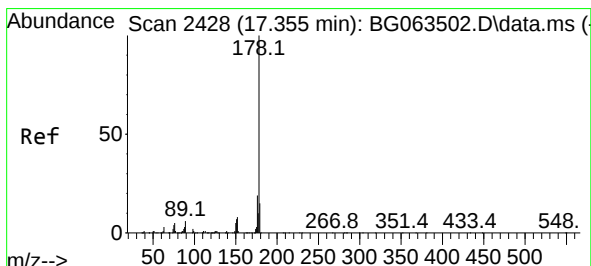
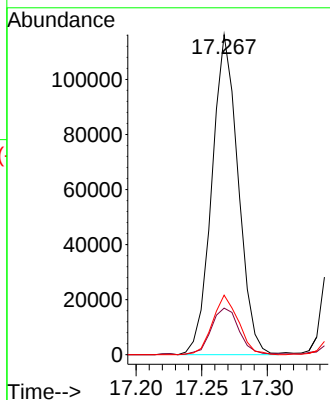
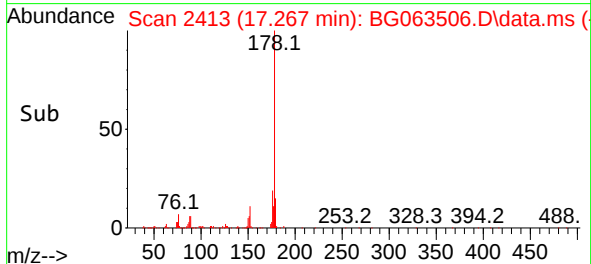
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



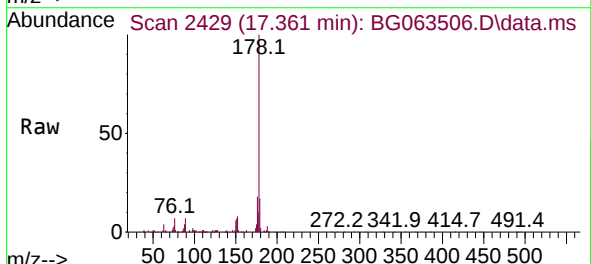
Tgt Ion:178 Resp: 16215
Ion Ratio Lower Upper
178 100
179 14.6 11.4 17.0
176 18.6 14.6 22.0

Manual Integrations
APPROVED

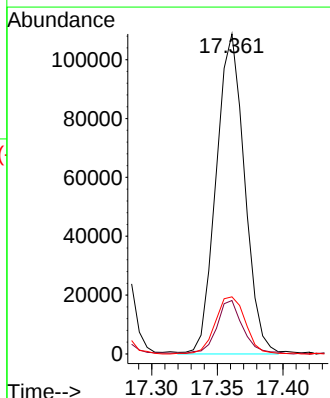
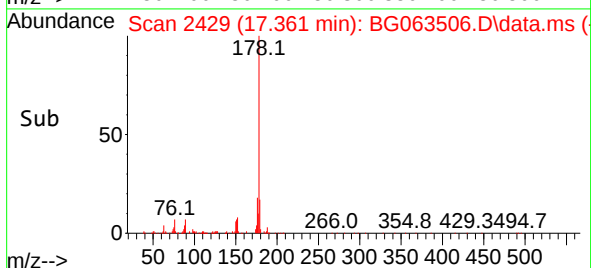
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

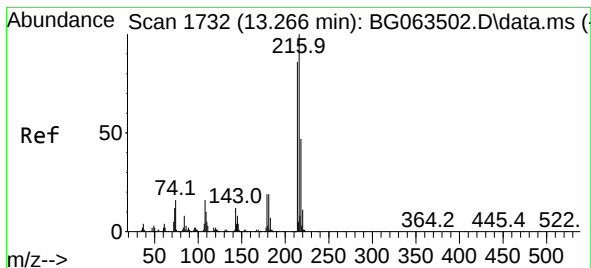


#74
Anthracene
Concen: 4.631 ng/ul
RT: 17.361 min Scan# 2429
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47



Tgt Ion:178 Resp: 163556
Ion Ratio Lower Upper
178 100
179 16.7 12.2 18.2
176 17.9 13.8 20.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.810 ng/ul

RT: 13.272 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07

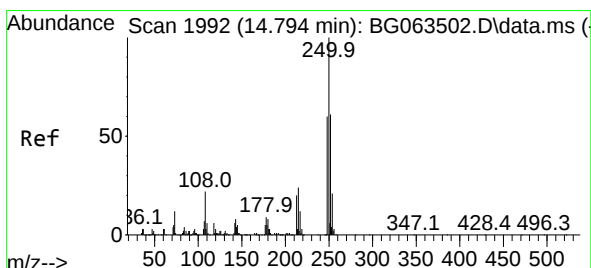
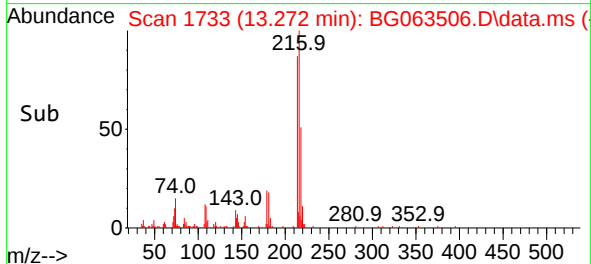
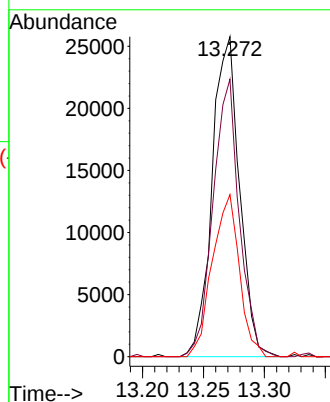
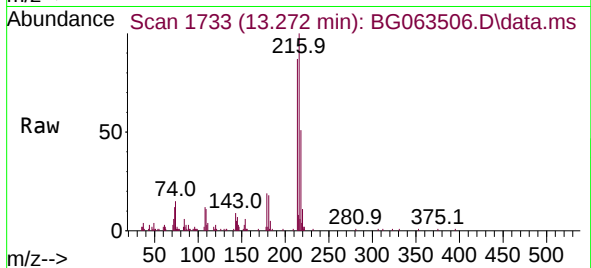
Tgt Ion:	216	Resp:	40230
Ion Ratio	Lower	Upper	
216	100		
214	86.7	69.0	103.4
218	50.6	40.9	61.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#76

Pentachlorobenzene

Concen: 3.810 ng/ul

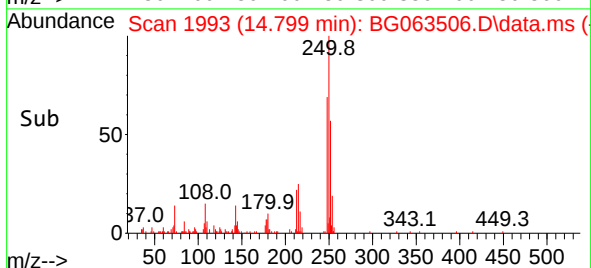
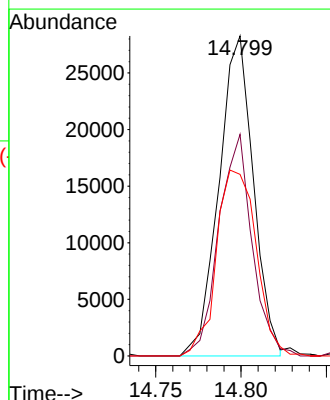
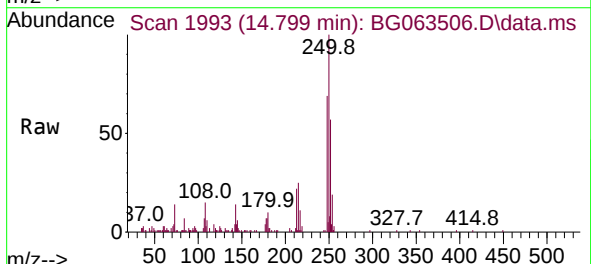
RT: 14.799 min Scan# 1993

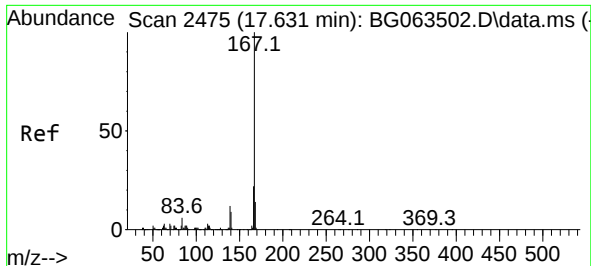
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

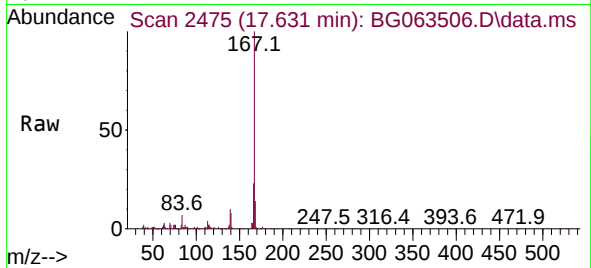
Tgt Ion:	250	Resp:	39719
Ion Ratio	Lower	Upper	
250	100		
248	69.3	49.2	73.8
252	56.8	47.2	70.8





#77
 Carbazole
 Concen: 4.679 ng/ul
 RT: 17.631 min Scan# 2475
 Delta R.T. 0.004 min
 Lab File: BG063506.D
 Acq: 21 Nov 2024 14:47

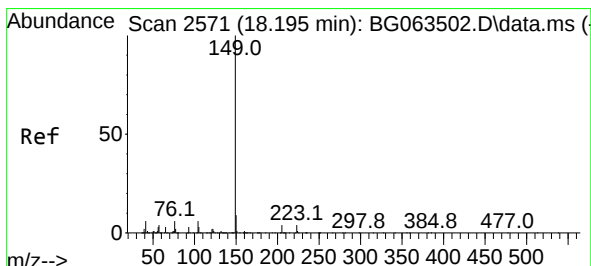
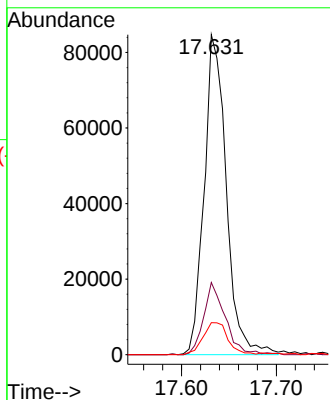
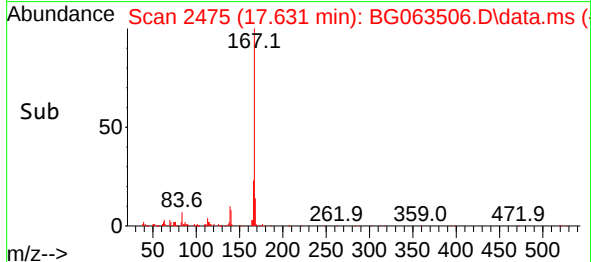
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2024-07



Tgt Ion:167 Resp: 137124
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 10.0 9.5 14.3

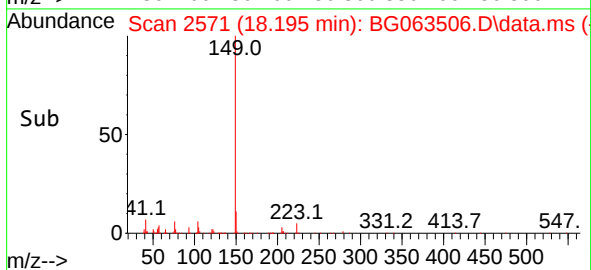
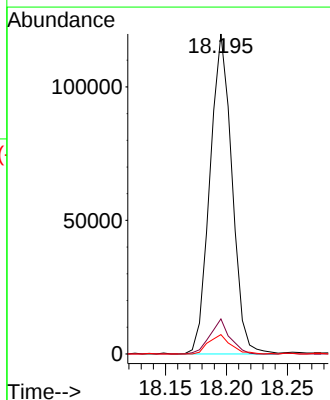
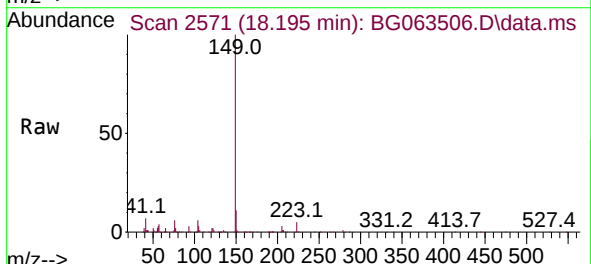
Manual Integrations
 APPROVED

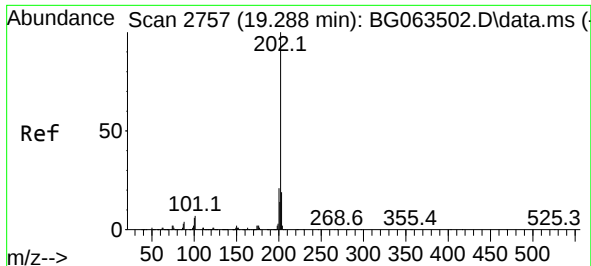
Reviewed By :Yogesh Patel 11/22/2024
 Supervised By :mohammad ahmed 11/22/2024



#78
 Di-n-butylphthalate
 Concen: 4.496 ng/ul
 RT: 18.195 min Scan# 2571
 Delta R.T. 0.004 min
 Lab File: BG063506.D
 Acq: 21 Nov 2024 14:47

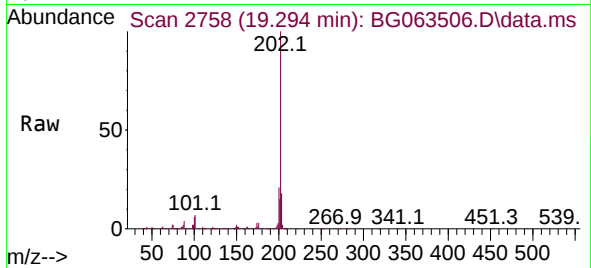
Tgt Ion:149 Resp: 151041
 Ion Ratio Lower Upper
 149 100
 150 11.0 7.4 11.0
 104 6.1 4.7 7.1





#80
Fluoranthene
Concen: 4.593 ng/u1
RT: 19.294 min Scan# 21771
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

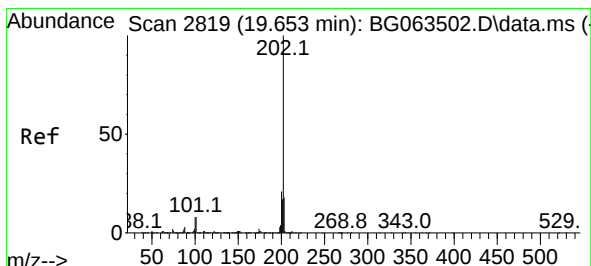
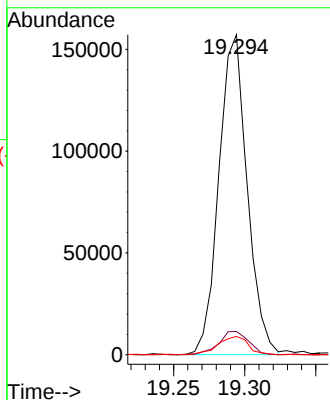
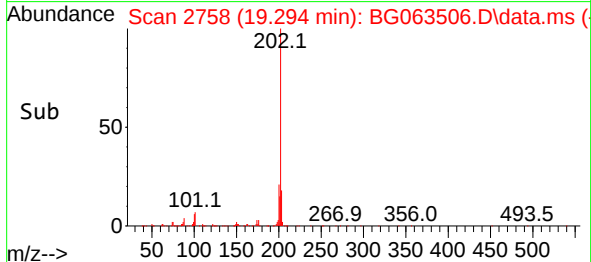
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



Tgt Ion:202 Resp: 21771
Ion Ratio Lower Upper
202 100
101 7.2 5.7 8.5
100 5.7 4.3 6.5

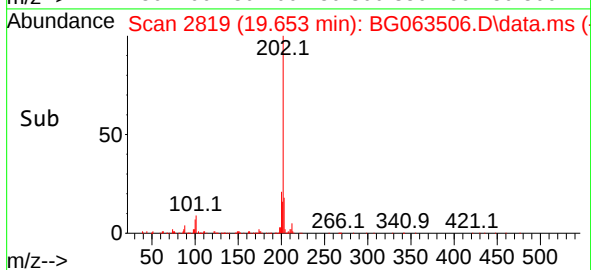
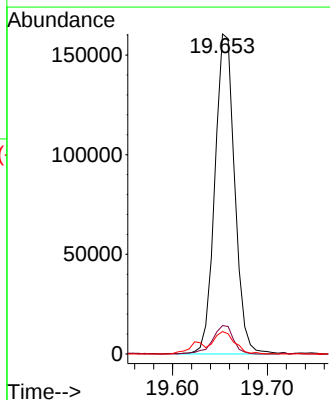
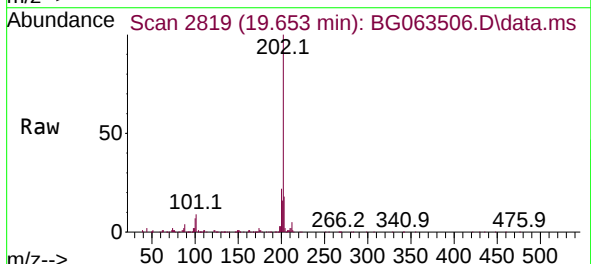
Manual Integrations
APPROVED

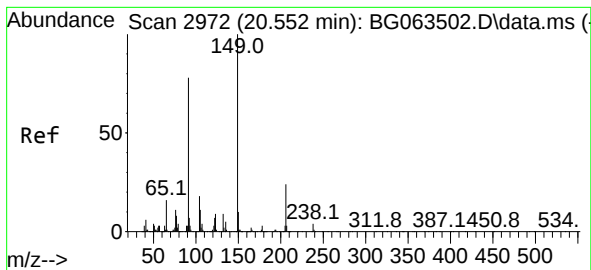
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#82
Pyrene
Concen: 4.596 ng/u1
RT: 19.653 min Scan# 2819
Delta R.T. -0.002 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

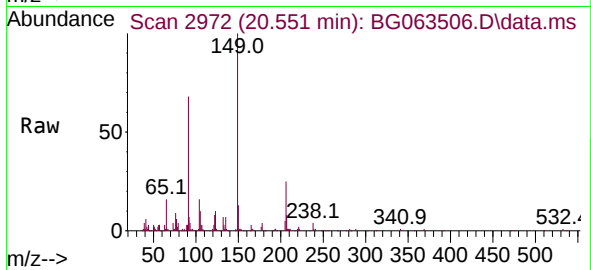
Tgt Ion:202 Resp: 233453
Ion Ratio Lower Upper
202 100
101 8.9 6.2 9.2
100 7.0 6.2 9.2





#83
Butylbenzylphthalate
Concen: 4.325 ng/ul
RT: 20.551 min Scan# 2972
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

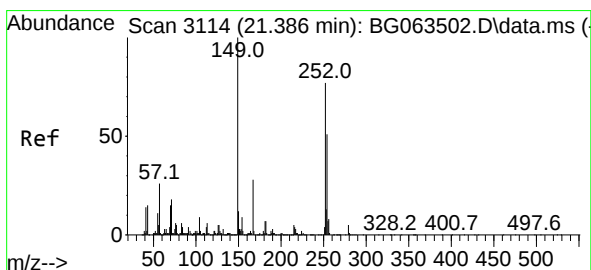
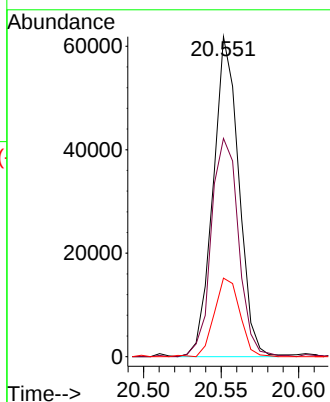
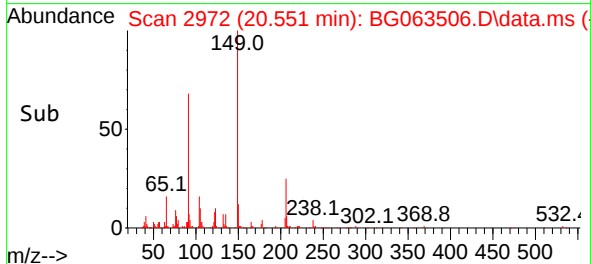
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



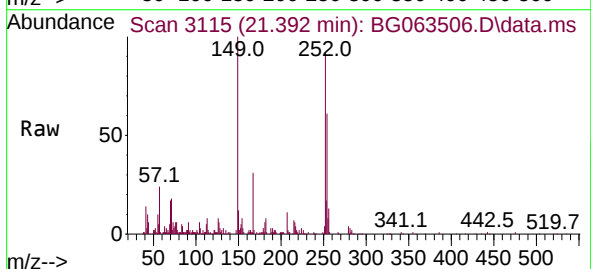
Tgt Ion:149 Resp: 71290
Ion Ratio Lower Upper
149 100
91 68.2 63.0 94.4
206 24.6 19.4 29.2

Manual Integrations
APPROVED

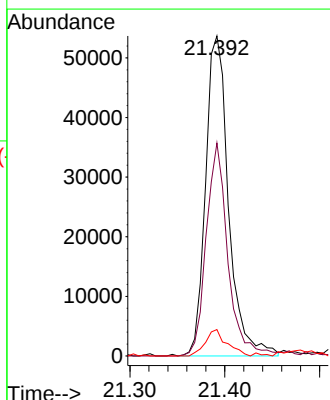
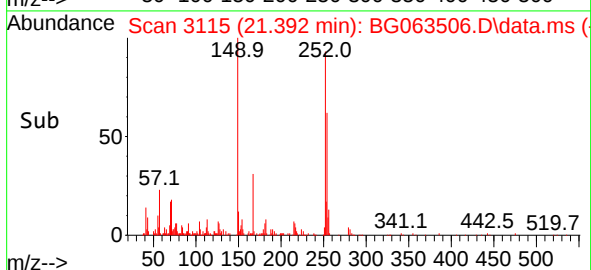
Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024

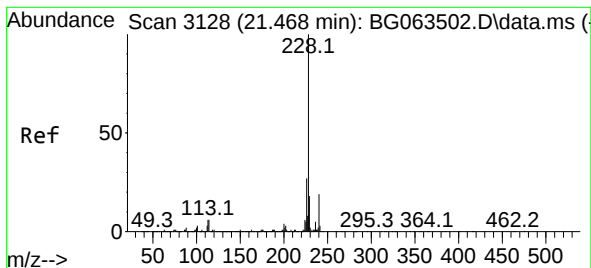


#84
3,3'-Dichlorobenzidine
Concen: 4.920 ng/ul
RT: 21.392 min Scan# 3115
Delta R.T. 0.004 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47



Tgt Ion:252 Resp: 90393
Ion Ratio Lower Upper
252 100
254 66.5 51.8 77.8
126 8.3 5.5 8.3





#85

Benzo(a)anthracene

Concen: 4.529 ng/ul

RT: 21.468 min Scan# 3112

Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07

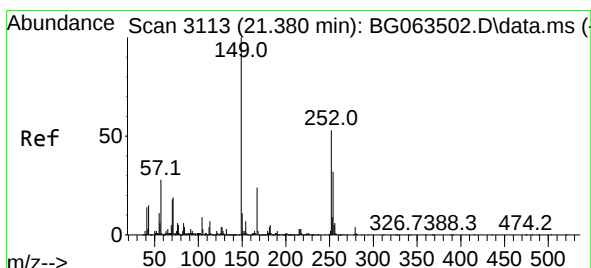
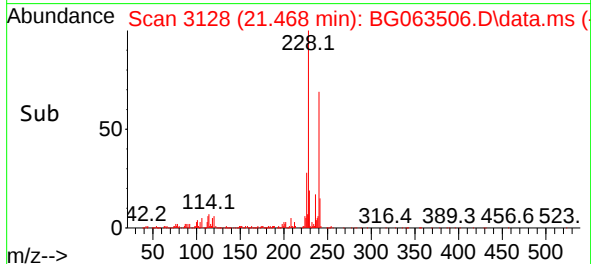
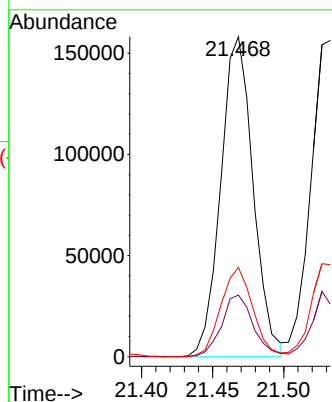
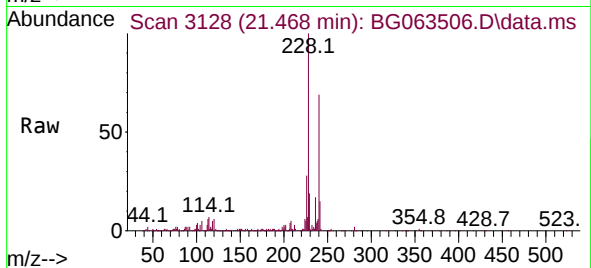
Tgt Ion:	228	Resp:	25046
Ion Ratio	Lower	Upper	
228	100		
229	19.3	15.8	23.6
226	27.9	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.462 ng/ul

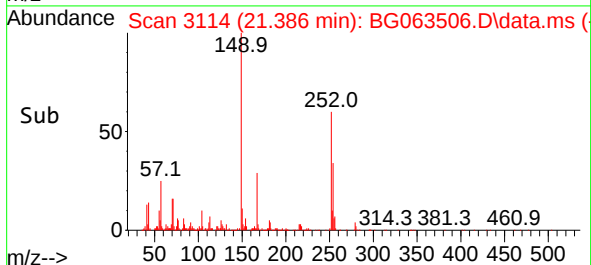
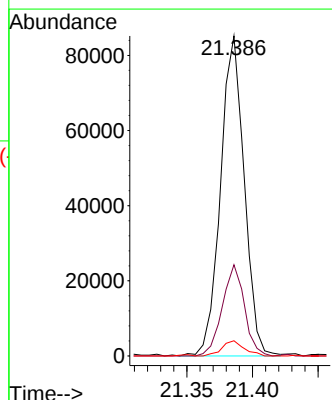
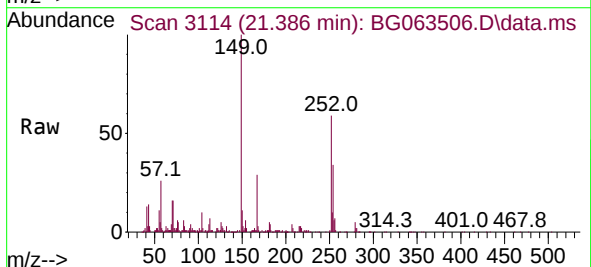
RT: 21.386 min Scan# 3114

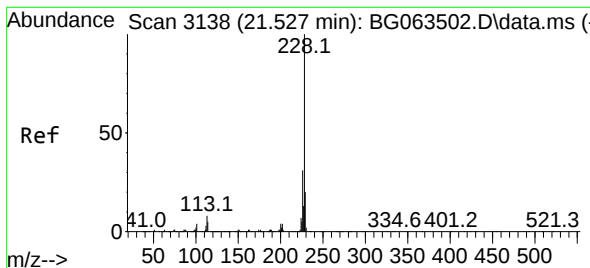
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Tgt Ion:	149	Resp:	106910
Ion Ratio	Lower	Upper	
149	100		
167	28.5	21.8	32.8
279	4.7	3.8	5.8





#87

Chrysene

Concen: 4.797 ng/ul

RT: 21.533 min Scan# 3138

Delta R.T. 0.004 min

Lab File: BG063506.D

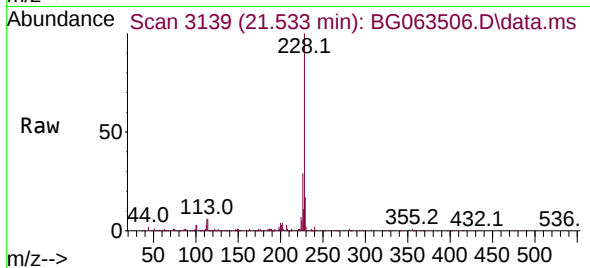
Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07



Tgt Ion:228 Resp: 248058

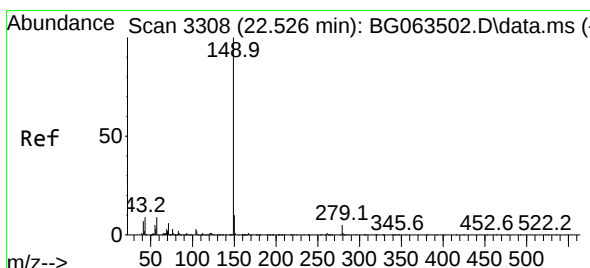
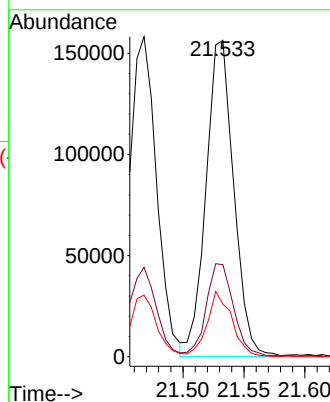
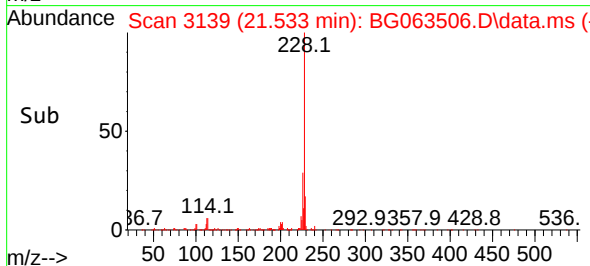
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	16.6	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#89

Di-n-octyl phthalate

Concen: 4.486 ng/ul

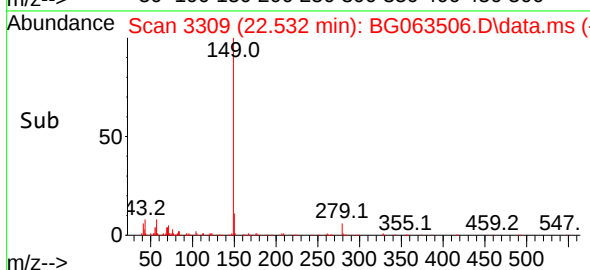
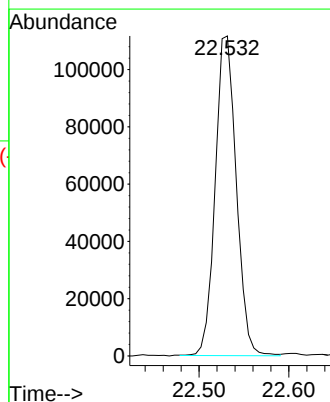
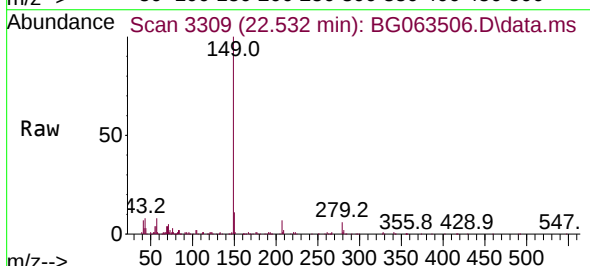
RT: 22.532 min Scan# 3309

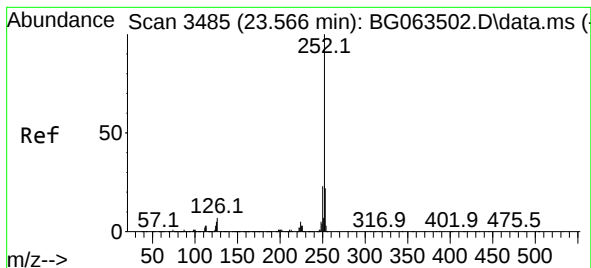
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Tgt Ion:149 Resp: 182055





#90

Benzo(b)fluoranthene

Concen: 4.738 ng/ul

RT: 23.566 min Scan# 3485

Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07

Tgt Ion:252 Resp: 26018

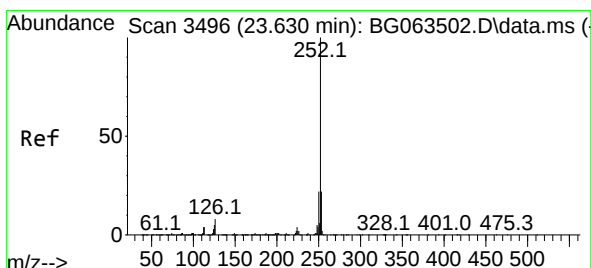
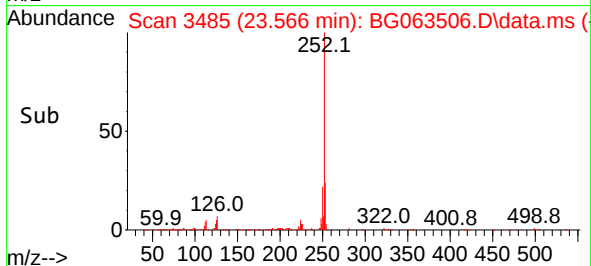
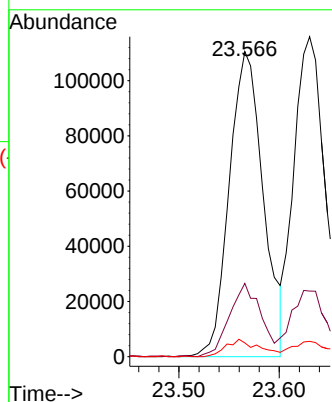
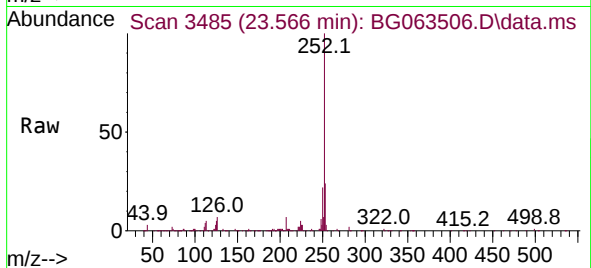
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	4.5	3.8	5.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#91

Benzo(k)fluoranthene

Concen: 4.570 ng/ul

RT: 23.630 min Scan# 3496

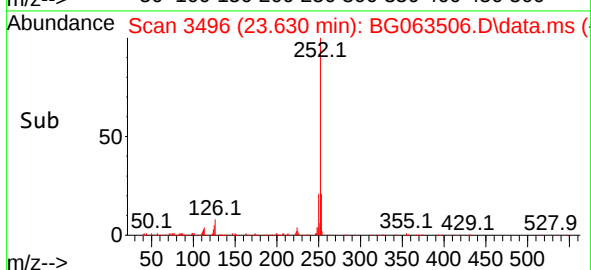
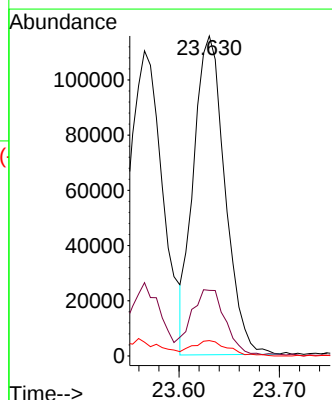
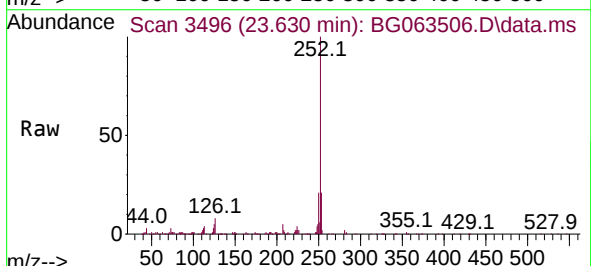
Delta R.T. 0.004 min

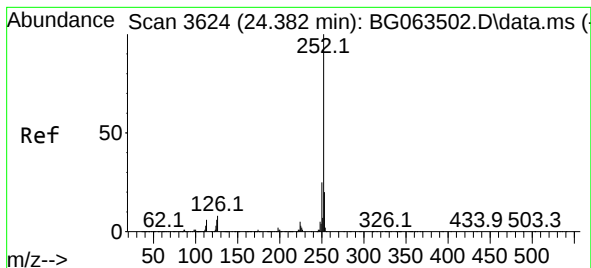
Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

Tgt Ion:252 Resp: 251848

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.6
125	4.8	4.3	6.5





#93

Benzo(a)pyrene

Concen: 4.360 ng/ul

RT: 24.382 min Scan# 30

Delta R.T. 0.004 min

Lab File: BG063506.D

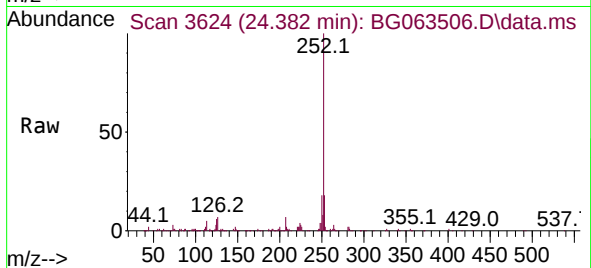
Acq: 21 Nov 2024 14:47

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-07



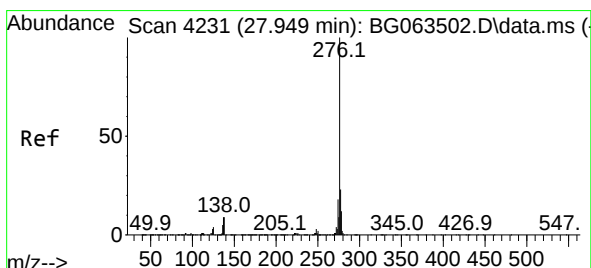
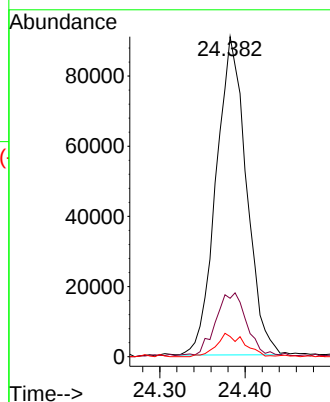
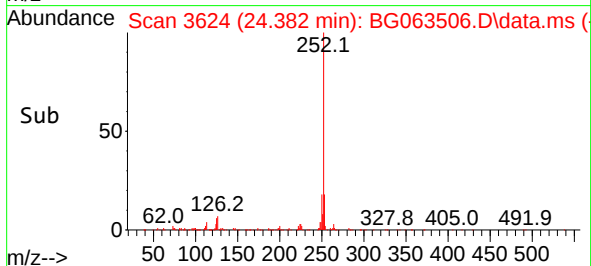
Tgt Ion:	252	Resp:	224070
Ion Ratio	Lower	Upper	
252	100		
253	18.2	17.2	25.8
125	6.3	4.2	6.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/22/2024

Supervised By :mohammad ahmed 11/22/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.431 ng/ul

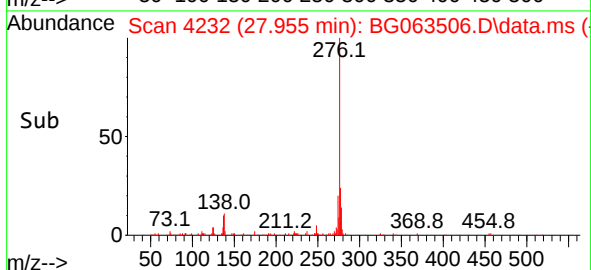
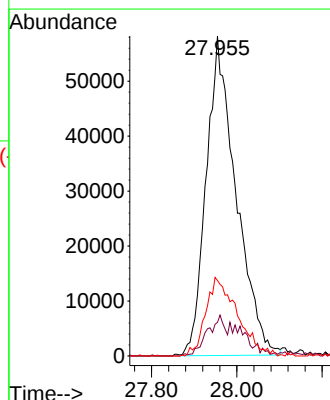
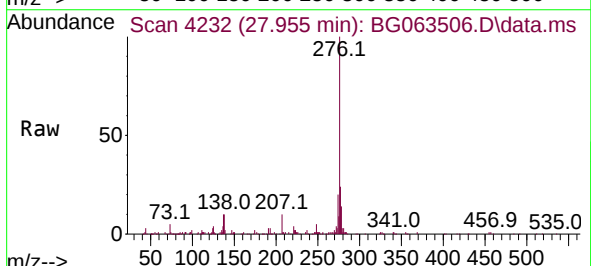
RT: 27.955 min Scan# 4232

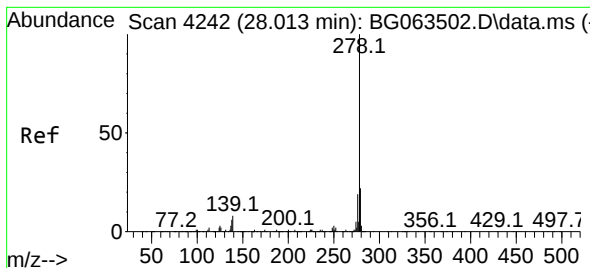
Delta R.T. 0.004 min

Lab File: BG063506.D

Acq: 21 Nov 2024 14:47

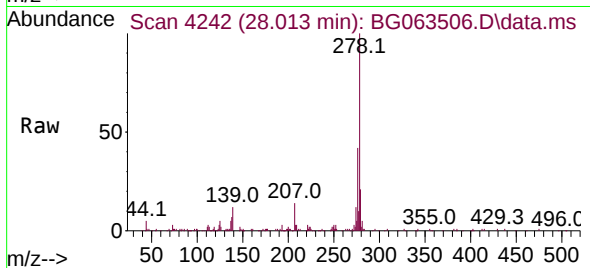
Tgt Ion:	276	Resp:	282444
Ion Ratio	Lower	Upper	
276	100		
138	10.5	9.4	14.2
277	23.6	19.4	29.0





#95
Dibenzo(a,h)anthracene
Concen: 4.437 ng/ul
RT: 28.013 min Scan# 4242
Delta R.T. 0.010 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47

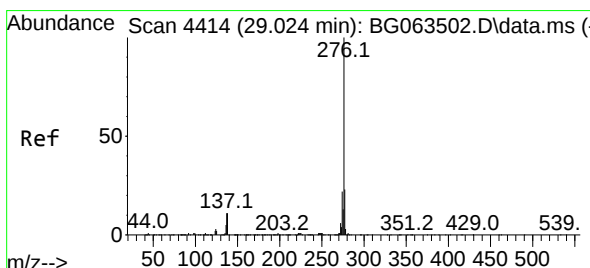
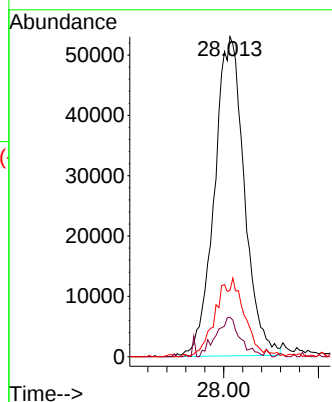
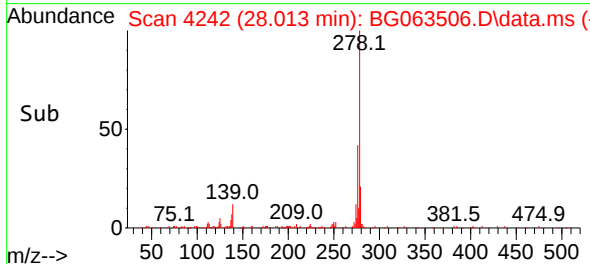
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-07



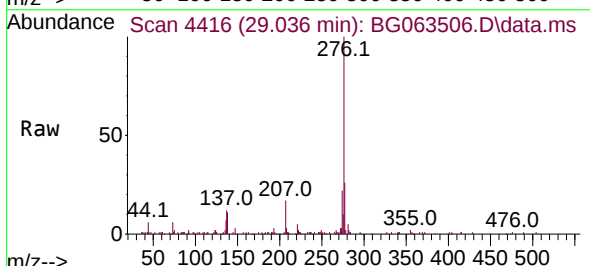
Tgt Ion:278 Resp: 231249
Ion Ratio Lower Upper
278 100
139 12.3 6.3 9.5
279 20.7 17.5 26.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024



#96
Benzo(g,h,i)perylene
Concen: 4.423 ng/ul m
RT: 29.036 min Scan# 4416
Delta R.T. 0.022 min
Lab File: BG063506.D
Acq: 21 Nov 2024 14:47



Tgt Ion:276 Resp: 213798
Ion Ratio Lower Upper
276 100
138 11.5 9.4 14.2
277 25.5 18.2 27.4

