

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032125\
 Data File : BG064123.D
 Acq On : 21 Mar 2025 9:59
 Operator : RC/JU
 Sample : Q1546-04
 Misc : MDL-SOIL 4 ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2025-02

Quant Time: Mar 21 12:48:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 14 14:37:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul
 Chavli
 03/2

4/2025

Supervised By :Jagrut

Upadhyay

03/2

4/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.865	152	32547	20.000	ng/u1	0.00
20) Naphthalene-d8	10.650	136	139891	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.486	164	102809	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	230137	20.000	ng/u1	0.00
79) Chrysene-d12	21.455	240	226823	20.000	ng/u1	0.00
88) Perylene-d12	24.469	264	235699	20.000	ng/u1	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.341	96	3576	4.399	ng/uL	0.00
4) Pyridine-d5	3.740	84	59989	25.685	ng/u1	0.00
7) Phenol-d5	7.019	99	72185	24.512	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.189	67	47204	25.437	ng/u1	0.00
11) 2-Chlorophenol-d4	7.389	132	57696	24.550	ng/u1	0.00
15) 4-Methylphenol-d8	8.558	113	58552	23.438	ng/u1	0.00
21) Nitrobenzene-d5	9.010	128	27845	26.539	ng/u1	0.00
24) 2-Nitrophenol-d4	9.727	143	31553	28.635	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.268	165	56582	25.465	ng/u1	0.00
31) 4-Chloroaniline-d4	10.779	131	83218	26.711	ng/u1	0.00
46) Dimethylphthalate-d6	13.893	166	212972	26.395	ng/u1	0.00
49) Acenaphthylene-d8	14.175	160	236346	26.340	ng/u1	0.00
54) 4-Nitrophenol-d4	14.668	143	30220	22.291	ng/u1	0.00
60) Fluorene-d10	15.473	176	184636	26.547	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.585	200	25801	20.789	ng/u1	0.00
73) Anthracene-d10	17.324	188	289911	25.121	ng/u1	0.00
81) Pyrene-d10	19.610	212	345480	27.608	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.269	264	344743	28.064	ng/u1	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.370	88	1354	1.470	ng/uL 91
5) Pyridine	3.764	79	11535	4.764	ng/u1# 80
6) Benzaldehyde	6.995	77	8410	4.858	ng/u1 95
8) Phenol	7.042	94	14375	4.680	ng/u1# 89
10) Bis(2-Chloroethyl)ether	7.283	93	10708	4.612	ng/u1# 80
12) 2-Chlorophenol	7.424	128	10973	4.608	ng/u1 93
13) 2-Methylphenol	8.299	108	9997	4.196	ng/u1 98
14) 2,2'-oxybis(1-Chloropr...	8.382	45	24589	4.519	ng/u1 98
16) Acetophenone	8.670	105	18143	4.462	ng/u1 93
17) N-Nitroso-di-n-propyla...	8.658	70	9220	4.256	ng/u1# 93
18) 4-Methylphenol	8.617	108	10649	4.032	ng/u1 90
19) Hexachloroethane	8.946	117	4824	4.643	ng/u1 93
22) Nitrobenzene	9.051	77	13128	4.639	ng/u1# 97
23) Isophorone	9.574	82	26012	4.758	ng/u1 96
25) 2-Nitrophenol	9.762	139	5935	5.057	ng/u1# 82
26) 2,4-Dimethylphenol	9.821	107	6199	2.337	ng/u1# 80
27) Bis(2-Chloroethoxy)met...	10.062	93	14536	4.717	ng/u1 97
29) 2,4-Dichlorophenol	10.291	162	10778	4.988	ng/u1 99
30) Naphthalene	10.697	128	37608	4.943	ng/u1 97
32) 4-Chloroaniline	10.802	127	15136	5.030	ng/u1 89
33) Hexachlorobutadiene	10.996	225	8535	5.160	ng/u1 96
34) Caprolactam	11.543	113	3971m	4.771	ng/u1
35) 4-Chloro-3-methylphenol	11.925	107	11766	4.333	ng/u1# 83
36) 2-Methylnaphthalene	12.307	142	25330	4.608	ng/u1 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.530	142	26127	4.678	ng/ul#	91
39) 1,2,4,5-Tetrachloroben...	12.671	216	14579	4.699	ng/ul	95
40) Hexachlorocyclopentadiene	12.659	237	7299	4.223	ng/ul#	83
41) 2,4,6-Trichlorophenol	12.912	196	8736	4.454	ng/ul	90
42) 2,4,5-Trichlorophenol	12.982	196	8483	3.993	ng/ul	92
43) 1,1'-Biphenyl	13.323	154	37280	4.734	ng/ul	95
44) 2-Chloronaphthalene	13.358	162	27068	4.566	ng/ul	93
45) 2-Nitroaniline	13.558	65	9109	4.521	ng/ul#	82
47) Dimethylphthalate	13.940	163	37152	4.872	ng/ul#	96
48) 2,6-Dinitrotoluene	14.052	165	6143	4.294	ng/ul	91
50) Acenaphthylene	14.204	152	45867	4.977	ng/ul#	97
51) 3-Nitroaniline	14.375	138	5295	3.665	ng/ul#	68
52) Acenaphthene	14.545	153	32699	4.819	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	2537	3.500	ng/ul	91
55) 4-Nitrophenol	14.680	109	7124	4.633	ng/ul#	82
56) Dibenzofuran	14.880	168	46801	4.934	ng/ul	99
57) 2,4-Dinitrotoluene	14.833	165	9244	4.208	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.109	232	8284	4.308	ng/ul#	86
59) Diethylphthalate	15.309	149	40688	4.958	ng/ul	99
61) Fluorene	15.532	166	38175	4.927	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.526	204	19406	5.049	ng/ul#	92
63) 4-Nitroaniline	15.538	138	5218	3.456	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.603	198	6030	4.540	ng/ul#	89
67) N-Nitrosodiphenylamine	15.738	169	32883	4.881	ng/ul	97
68) 4-Bromophenyl-phenylether	16.419	248	12309	4.884	ng/ul	89
69) Hexachlorobenzene	16.531	284	13789	4.893	ng/ul	97
70) Atrazine	16.690	200	14436	5.390	ng/ul	94
71) Pentachlorophenol	16.878	266	7040	4.175	ng/ul	94
72) Phenanthrene	17.265	178	61948	4.816	ng/ul	100
74) Anthracene	17.359	178	60669	4.608	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.282	216	13462	4.209	ng/ul	96
76) Pentachlorobenzene	14.804	250	14906	4.462	ng/ul	94
77) Carbazole	17.624	167	53650	4.698	ng/ul	96
78) Di-n-butylphthalate	18.200	149	65162	4.463	ng/ul	99
80) Fluoranthene	19.275	202	73297	4.944	ng/ul	99
82) Pyrene	19.639	202	79100	5.031	ng/ul	99
83) Butylbenzylphthalate	20.538	149	27419	4.380	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.361	252	24022	5.369	ng/ul	92
85) Benzo(a)anthracene	21.437	228	75565	4.808	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.372	149	45209	4.813	ng/ul	97
87) Chrysene	21.502	228	70853	4.742	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	75979	4.921	ng/ul	100
90) Benzo(b)fluoranthene	23.517	252	71761	4.928	ng/ul	96
91) Benzo(k)fluoranthene	23.582	252	72465m	4.879	ng/ul	
93) Benzo(a)pyrene	24.334	252	67194	4.888	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.853	276	82741m	4.809	ng/ul	
95) Dibenzo(a,h)anthracene	27.923	278	64901	4.735	ng/ul	96
96) Benzo(g,h,i)perylene	28.905	276	63369m	4.750	ng/ul	

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

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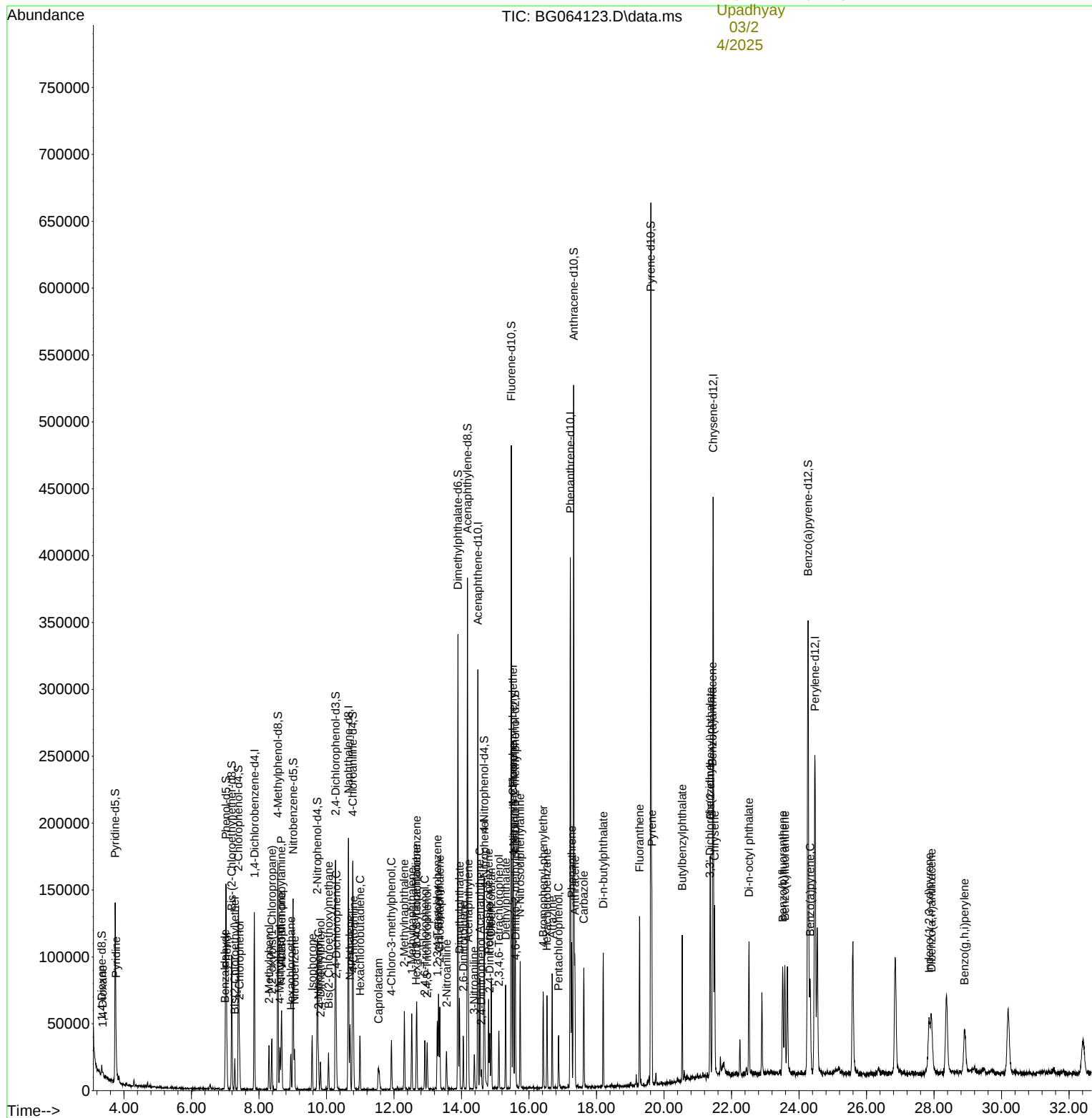
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2025-02

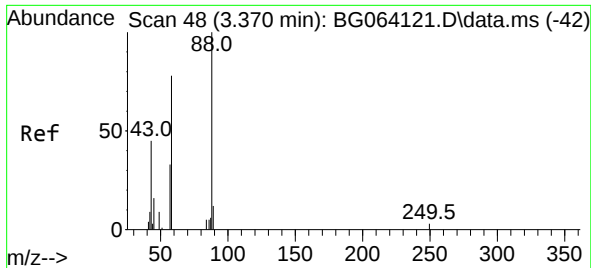
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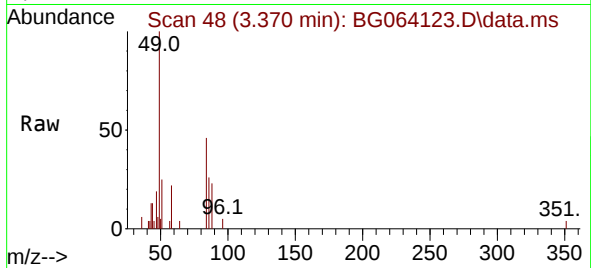
Supervised By :Jagrut
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#2
1,4-Dioxane
Concen: 1.470 ng/uL
RT: 3.370 min Scan# 48
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

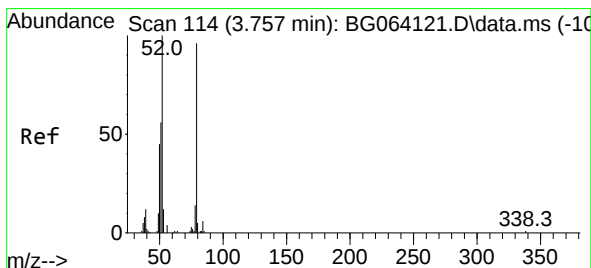
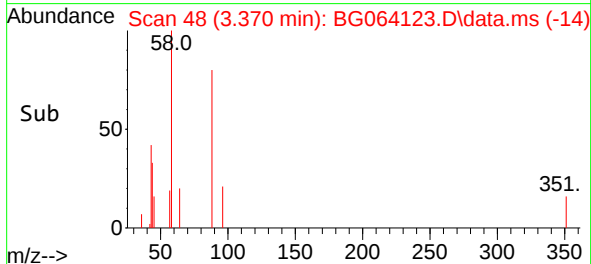
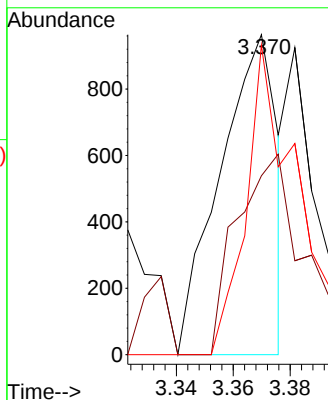


Tgt Ion: 88 Resp: 1354
Ion Ratio Lower Upper
88 100
43 55.9 38.4 57.6
58 96.8 71.7 107.5

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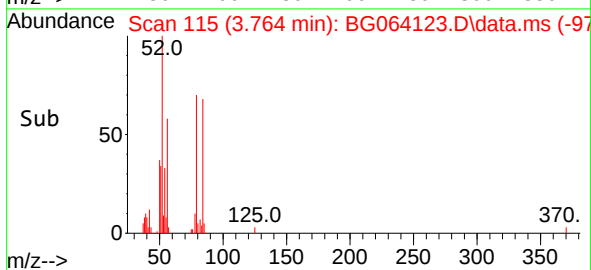
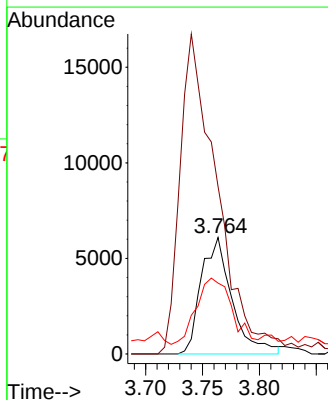
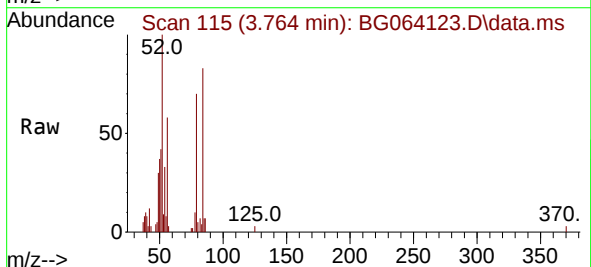
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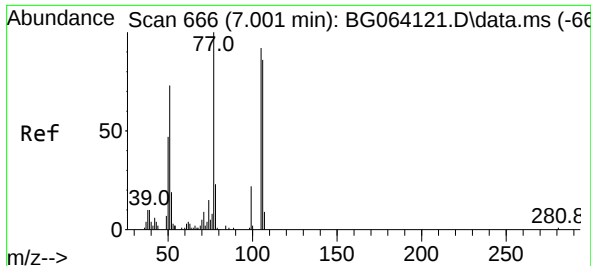
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#5
Pyridine
Concen: 4.764 ng/uL
RT: 3.764 min Scan# 115
Delta R.T. 0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

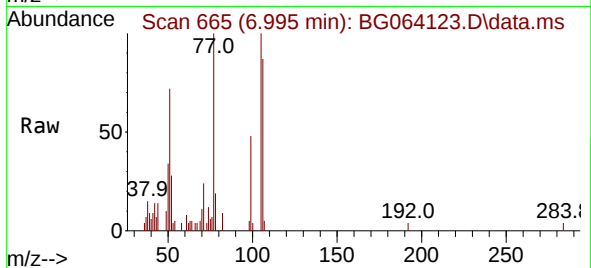
Tgt Ion: 79 Resp: 11535
Ion Ratio Lower Upper
79 100
52 143.7 91.0 136.4#
51 60.8 45.4 68.0





#6
Benzaldehyde
Concen: 4.858 ng/ul
RT: 6.995 min Scan# 666
Delta R.T. -0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

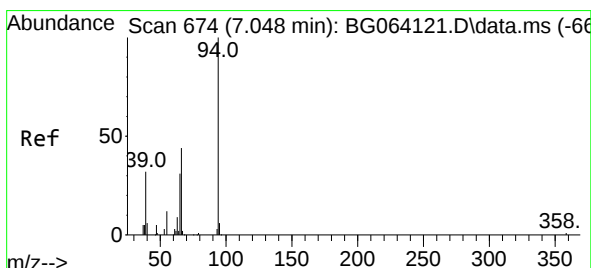
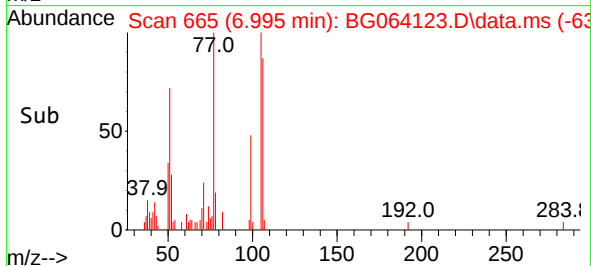
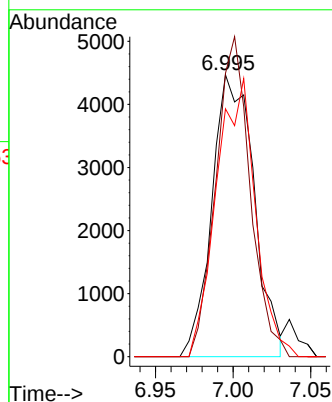


Tgt Ion: 77 Resp: 8410
Ion Ratio Lower Upper
77 100
105 100.5 78.6 117.8
106 87.9 75.8 113.6

Manual Integrations
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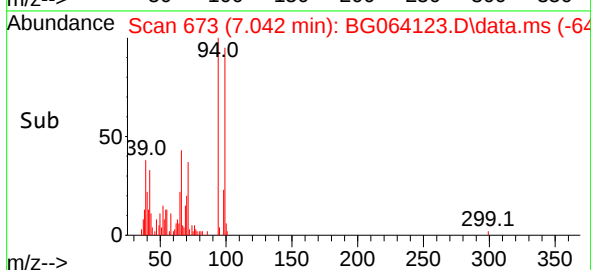
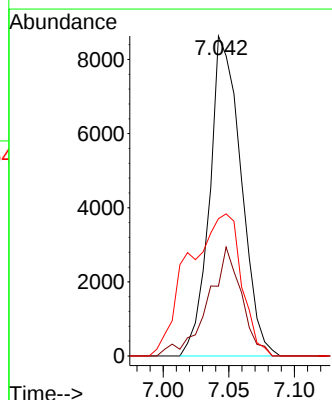
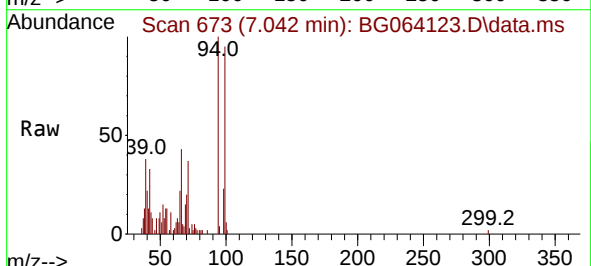
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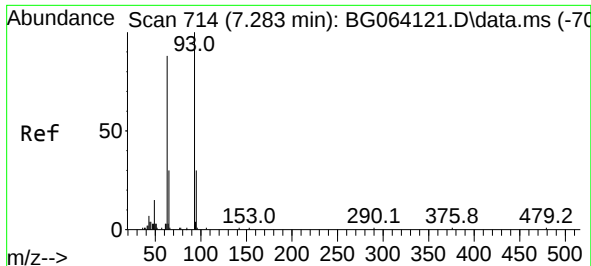
4/2025
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Upadhyay
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#8
Phenol
Concen: 4.680 ng/ul
RT: 7.042 min Scan# 673
Delta R.T. -0.011 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

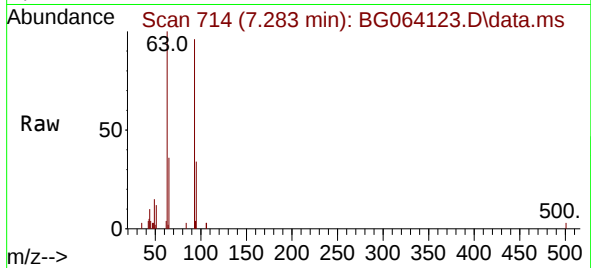
Tgt Ion: 94 Resp: 14375
Ion Ratio Lower Upper
94 100
65 21.8 25.0 37.6#
66 42.9 37.6 56.4





#10
Bis(2-Chloroethyl)ether
Concen: 4.612 ng/ul
RT: 7.283 min Scan# 714
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
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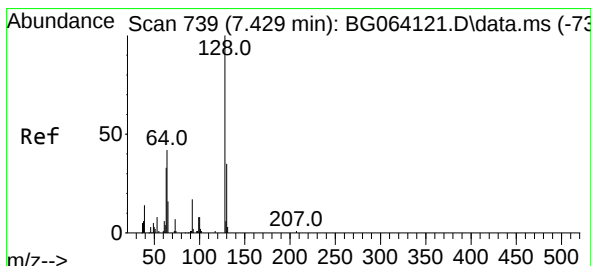
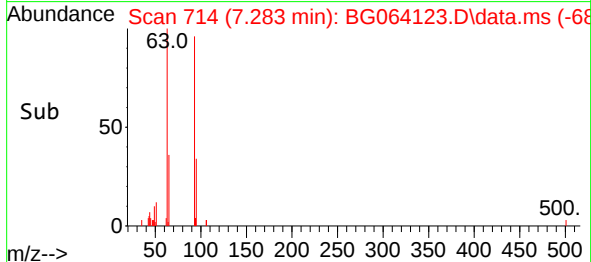
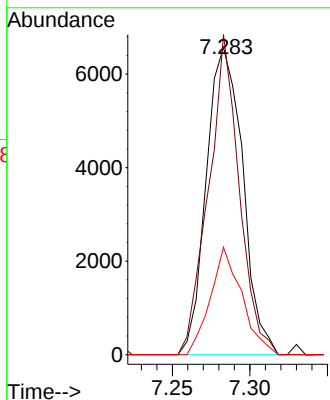


Tgt Ion: 93 Resp: 10708
Ion Ratio Lower Upper
93 100
63 104.1 66.2 99.2
95 35.0 23.5 35.3

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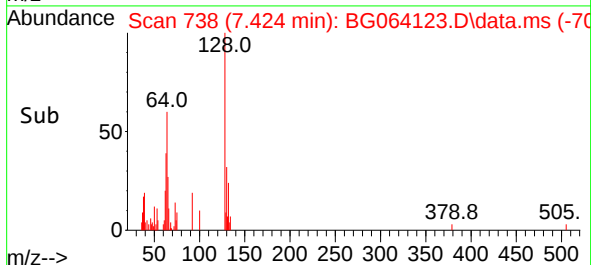
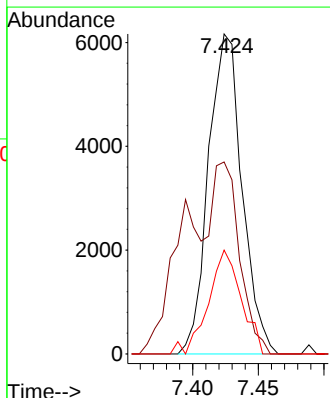
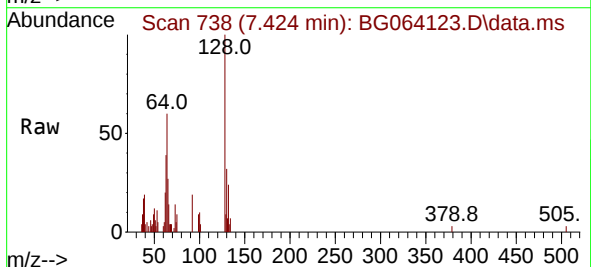
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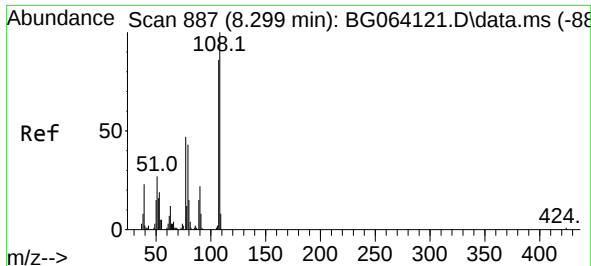
4/2025
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#12
2-Chlorophenol
Concen: 4.608 ng/ul
RT: 7.424 min Scan# 738
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Tgt Ion:128 Resp: 10973
Ion Ratio Lower Upper
128 100
64 60.0 41.8 62.6
130 32.4 25.8 38.8





#13

2-Methylphenol

Concen: 4.196 ng/ul

RT: 8.299 min Scan# 887

Delta R.T. 0.000 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:108 Resp: 999

Ion Ratio Lower Upper

108 100

107 82.7 67.6 101.4

Manual Integrations

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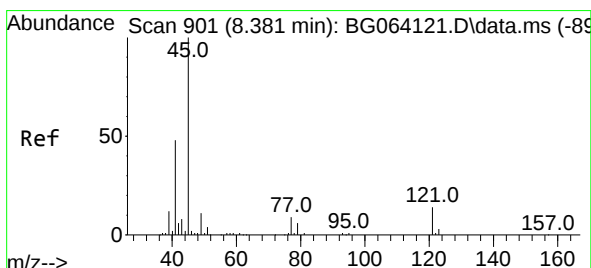
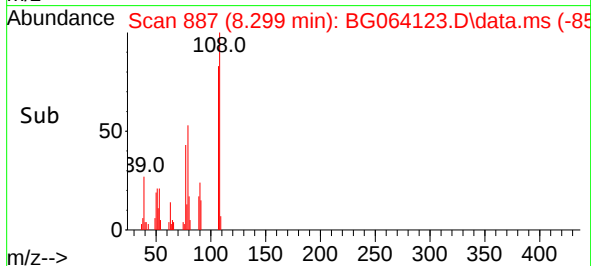
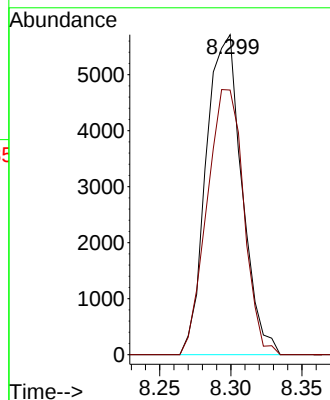
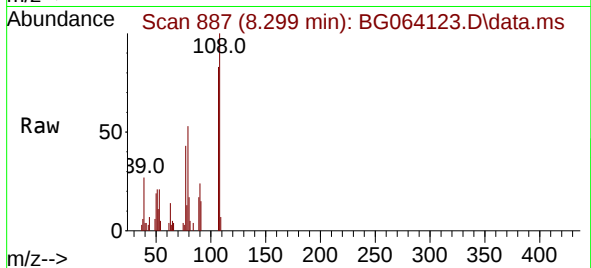
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4/2025



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.519 ng/ul

RT: 8.382 min Scan# 901

Delta R.T. 0.000 min

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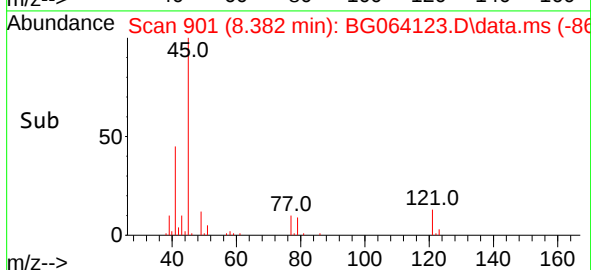
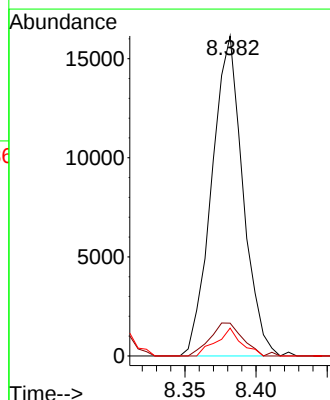
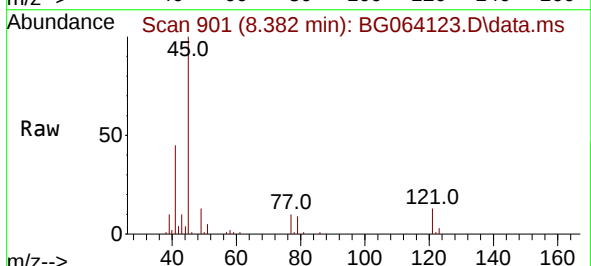
Tgt Ion: 45 Resp: 24589

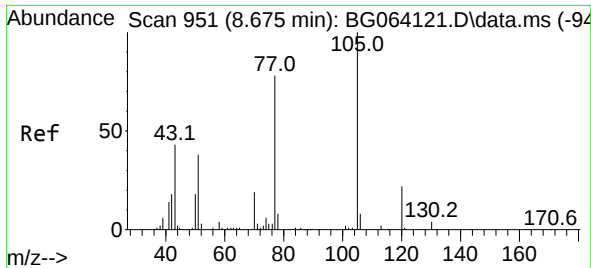
Ion Ratio Lower Upper

45 100

77 10.2 7.8 11.6

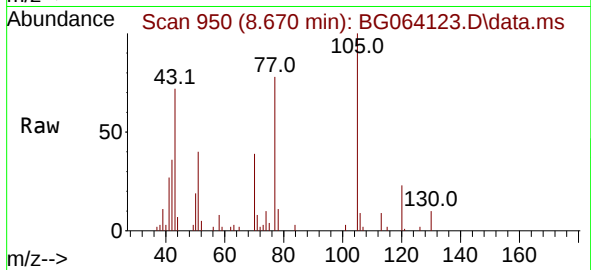
79 8.7 5.9 8.9





#16
Acetophenone
Concen: 4.462 ng/ul
RT: 8.670 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

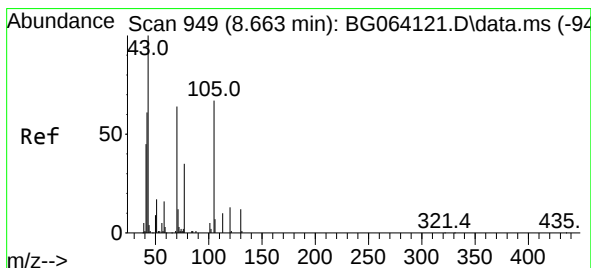
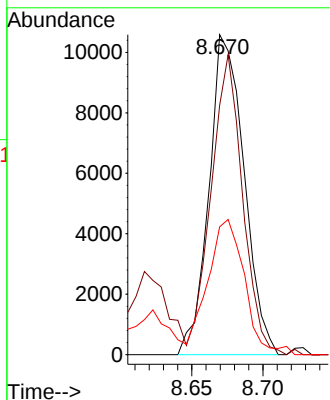
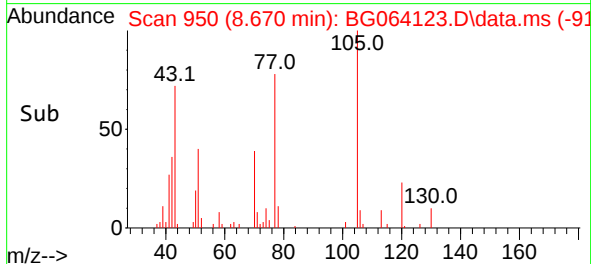


Tgt Ion:105 Resp: 1814
Ion Ratio Lower Upper
105 100
77 77.9 68.8 103.2
51 40.0 31.0 46.6

Manual Integrations
APPROVED

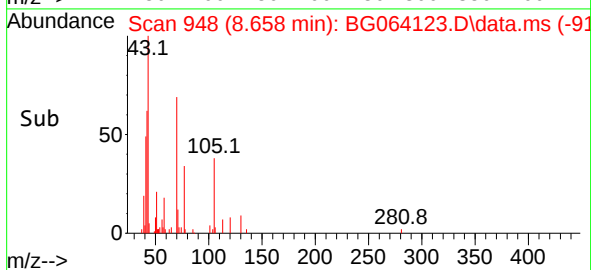
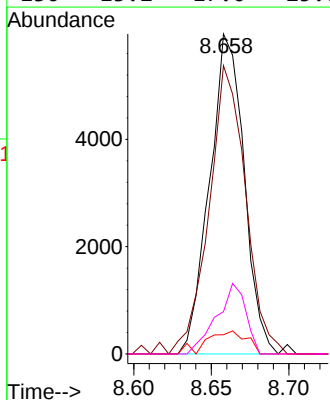
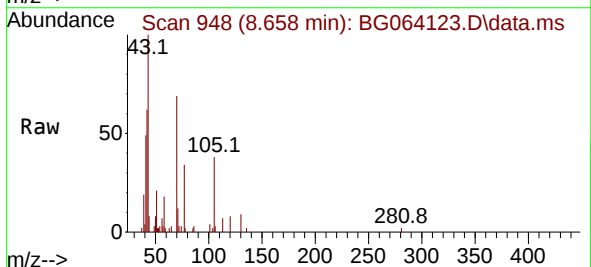
Reviewed By :Rahul
Chavli
03/2

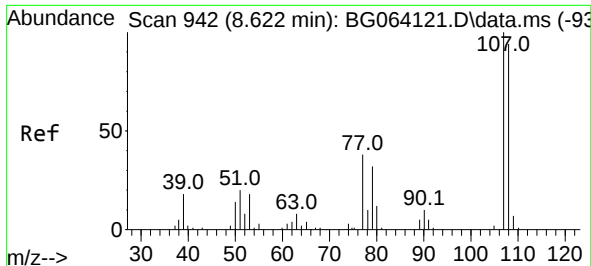
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.256 ng/ul
RT: 8.658 min Scan# 948
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

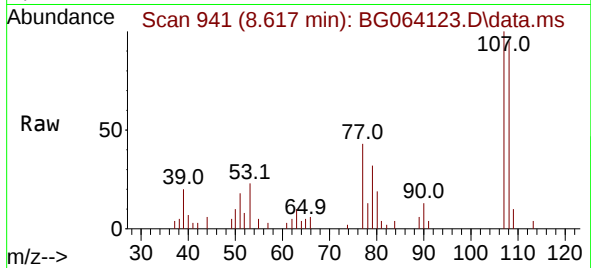
Tgt Ion: 70 Resp: 9220
Ion Ratio Lower Upper
70 100
42 90.1 74.9 112.3
101 6.0 8.5 12.7#
130 13.2 17.0 25.6#





#18
4-Methylphenol
Concen: 4.032 ng/ul
RT: 8.617 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

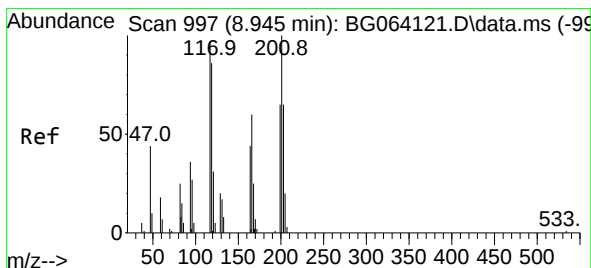
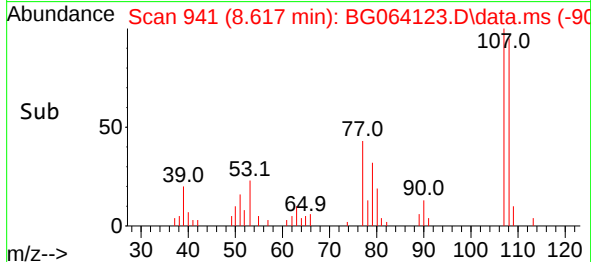
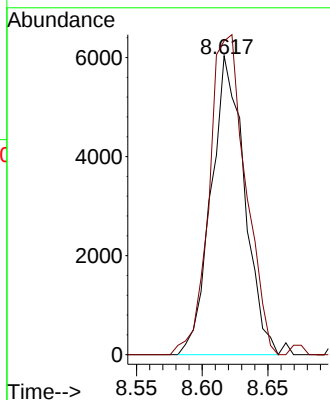


Tgt Ion:108 Resp: 10649
Ion Ratio Lower Upper
108 100
107 105.0 92.4 138.6

Manual Integrations
APPROVED

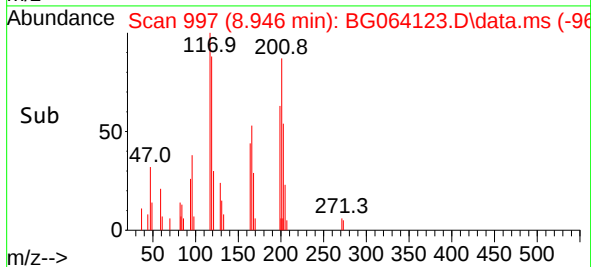
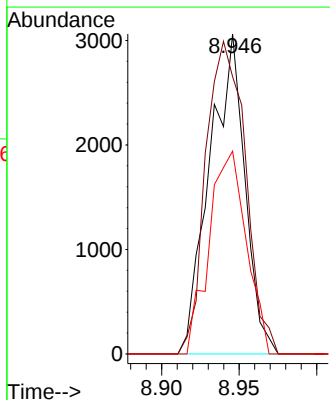
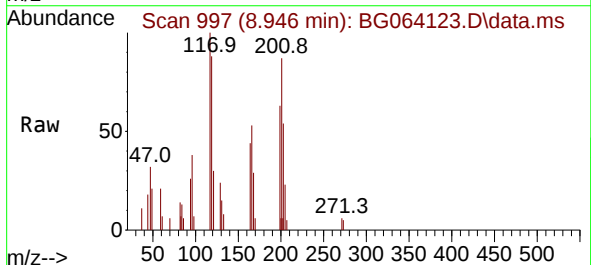
Reviewed By :Rahul
Chavli
03/2

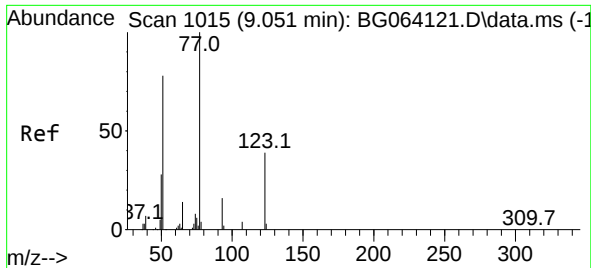
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#19
Hexachloroethane
Concen: 4.643 ng/ul
RT: 8.946 min Scan# 997
Delta R.T. 0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

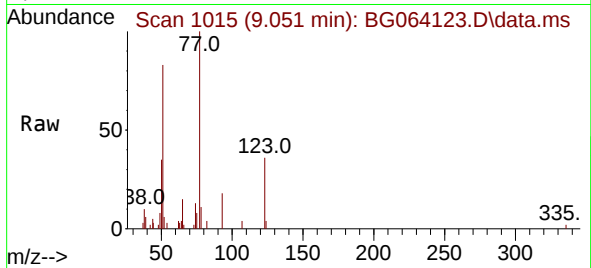
Tgt Ion:117 Resp: 4824
Ion Ratio Lower Upper
117 100
201 86.7 77.4 116.0
199 63.4 49.0 73.6





#22
Nitrobenzene
Concen: 4.639 ng/ul
RT: 9.051 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

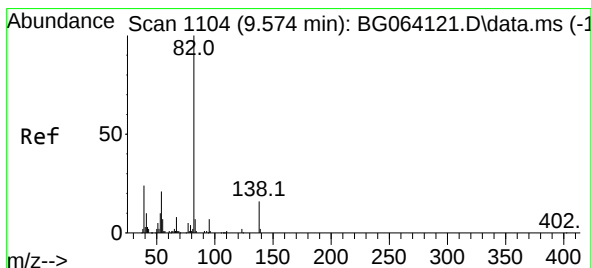
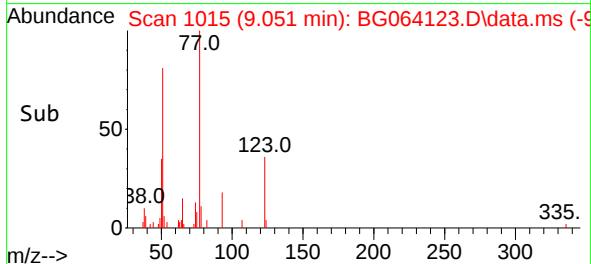
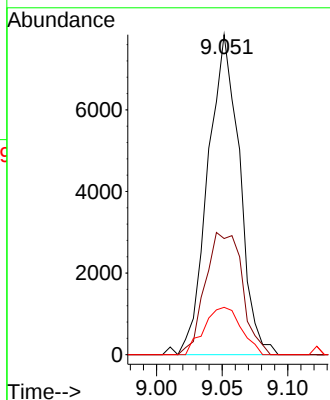


Tgt Ion: 77 Resp: 13128
Ion Ratio Lower Upper
77 100
123 36.3 29.8 44.8
65 14.8 9.3 13.9

Manual Integrations
APPROVED

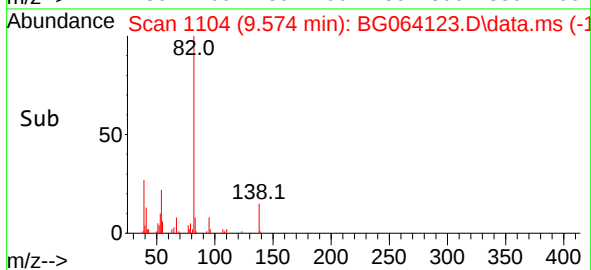
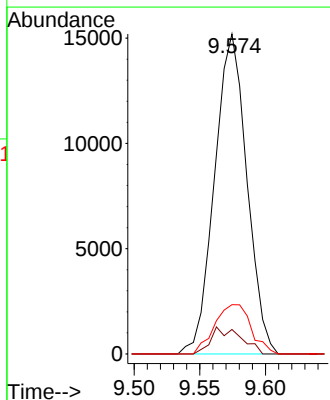
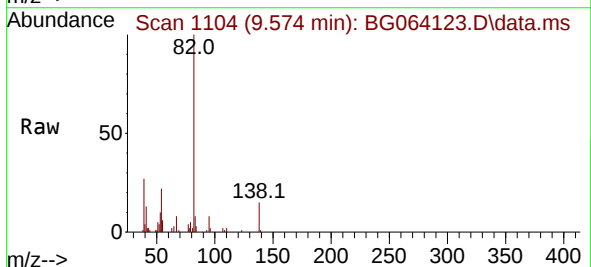
Reviewed By :Rahul
Chavli
03/2

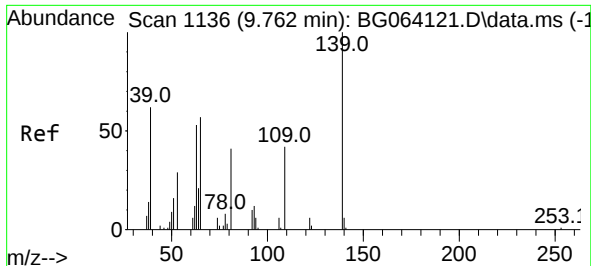
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#23
Isophorone
Concen: 4.758 ng/ul
RT: 9.574 min Scan# 1104
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

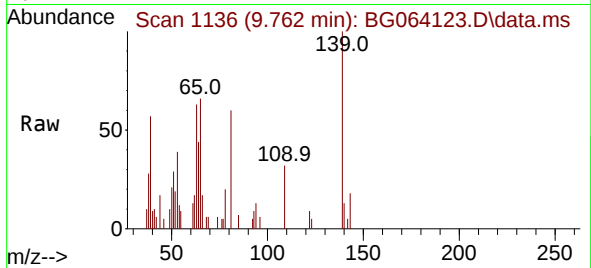
Tgt Ion: 82 Resp: 26012
Ion Ratio Lower Upper
82 100
95 7.7 7.2 10.8
138 15.4 13.7 20.5





#25
2-Nitrophenol
Concen: 5.057 ng/ul
RT: 9.762 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

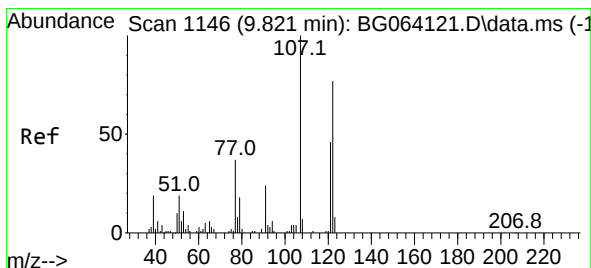
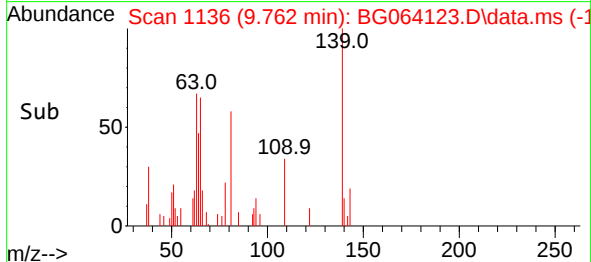
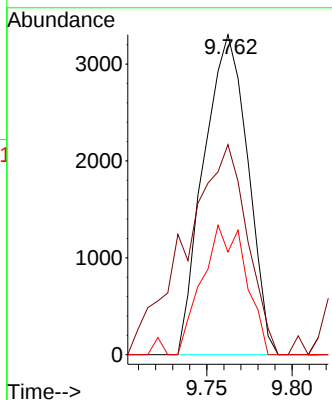


Tgt Ion	Ratio	Lower	Upper
139	100		
65	65.6	57.4	86.0
109	32.1	43.8	65.6

Manual Integrations
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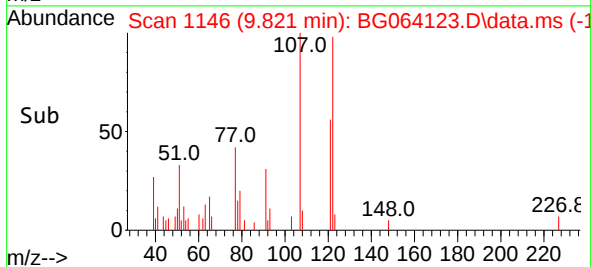
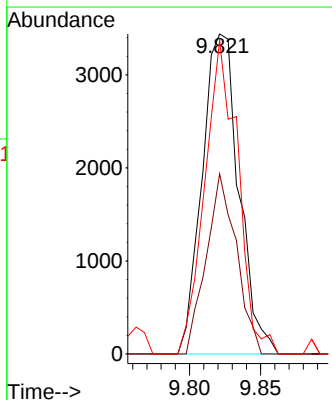
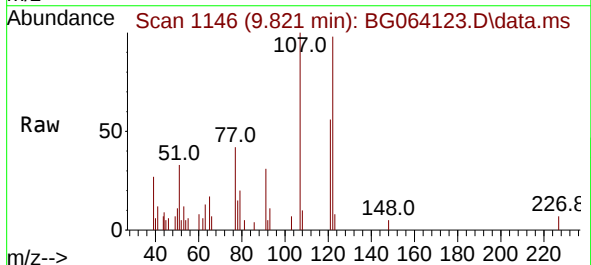
Reviewed By :Rahul
Chavli
03/2

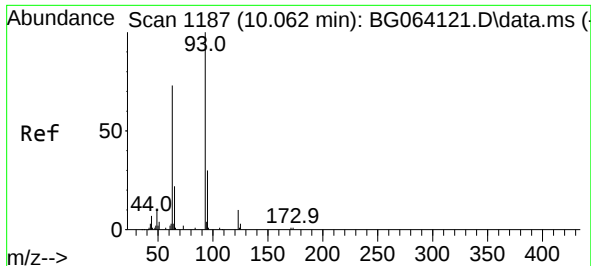
4/2025
Supervised By :Jagrut
Upadhyay
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#26
2,4-Dimethylphenol
Concen: 2.337 ng/ul
RT: 9.821 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

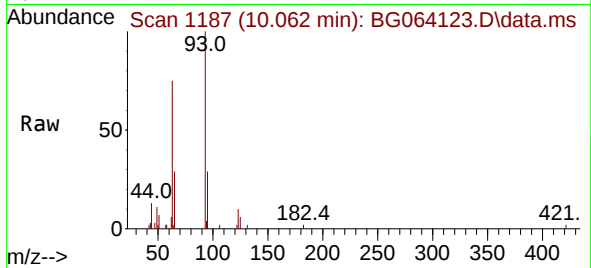
Tgt Ion	Ratio	Lower	Upper
107	100		
121	56.3	37.0	55.6#
122	98.0	62.1	93.1#





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.717 ng/ul
 RT: 10.062 min Scan# 1187
 Delta R.T. 0.000 min
 Lab File: BG064123.D
 Acq: 21 Mar 2025 9:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2025-02

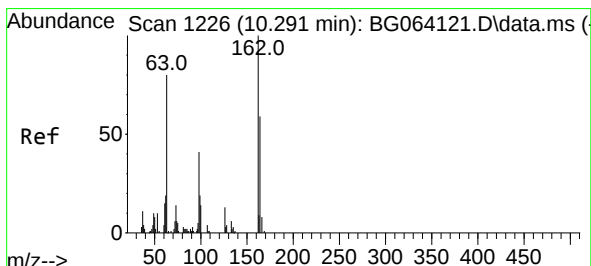
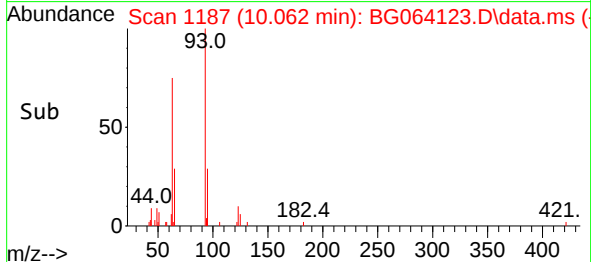
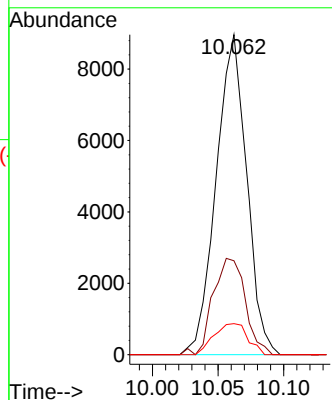


Tgt Ion:	93	Resp:	14530
Ion	Ratio	Lower	Upper
93	100		
95	29.4	24.9	37.3
123	9.7	9.0	13.6

Manual Integrations
 APPROVED

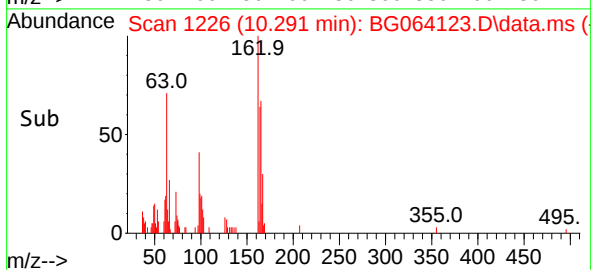
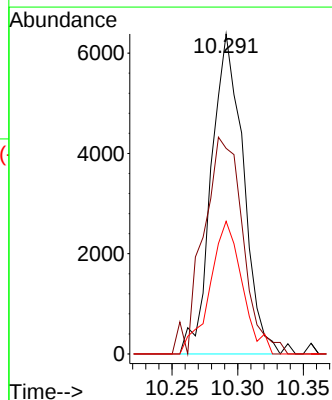
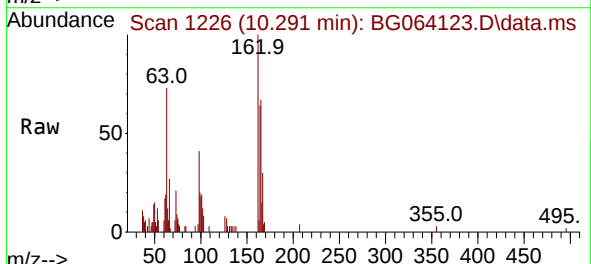
Reviewed By :Rahul
 Chavli
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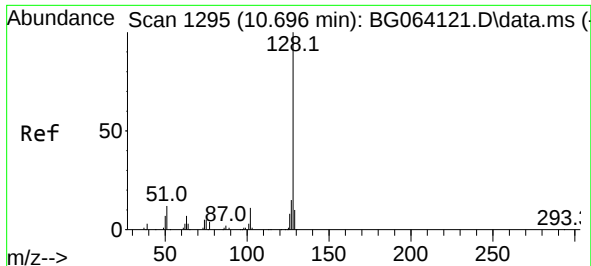
4/2025
 Supervised By :Jagrut
 Upadhyay
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 4/2025



#29
 2,4-Dichlorophenol
 Concen: 4.988 ng/ul
 RT: 10.291 min Scan# 1226
 Delta R.T. -0.005 min
 Lab File: BG064123.D
 Acq: 21 Mar 2025 9:59

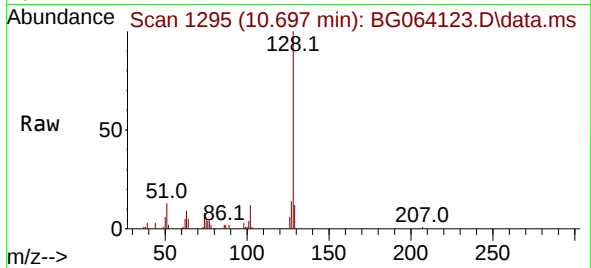
Tgt Ion:	162	Resp:	10778
Ion	Ratio	Lower	Upper
162	100		
164	64.2	51.4	77.0
98	41.5	31.4	47.0





#30
Naphthalene
Concen: 4.943 ng/ul
RT: 10.697 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

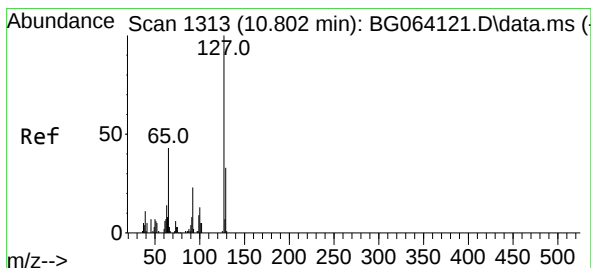
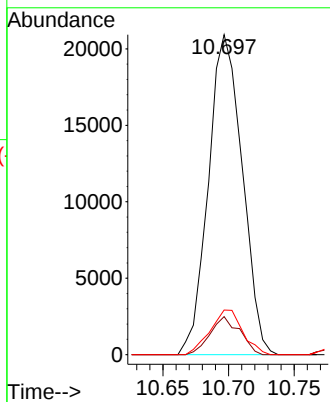
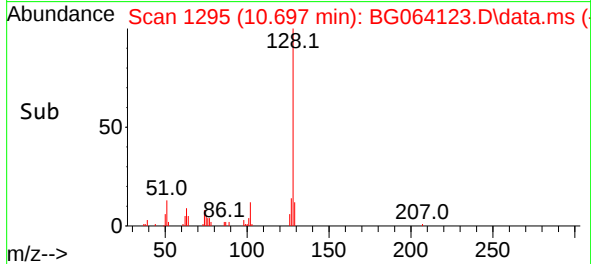


Tgt Ion:128 Resp: 37608
Ion Ratio Lower Upper
128 100
129 11.9 8.3 12.5
127 13.9 10.5 15.7

Manual Integrations
APPROVED

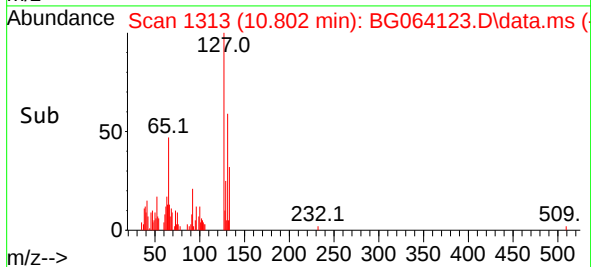
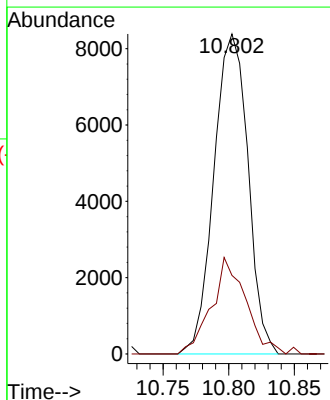
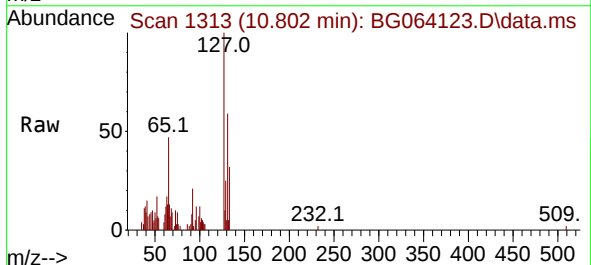
Reviewed By :Rahul
Chavli
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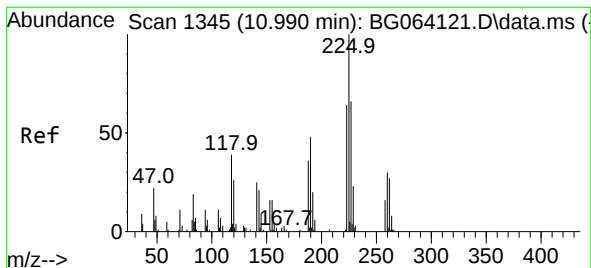
4/2025
Supervised By :Jagrut
Upadhyay
03/2
4/2025



#32
4-Chloroaniline
Concen: 5.030 ng/ul
RT: 10.802 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

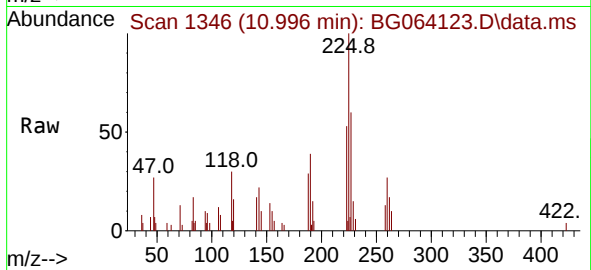
Tgt Ion:127 Resp: 15136
Ion Ratio Lower Upper
127 100
129 24.5 24.4 36.6





#33
Hexachlorobutadiene
Concen: 5.160 ng/ul
RT: 10.996 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

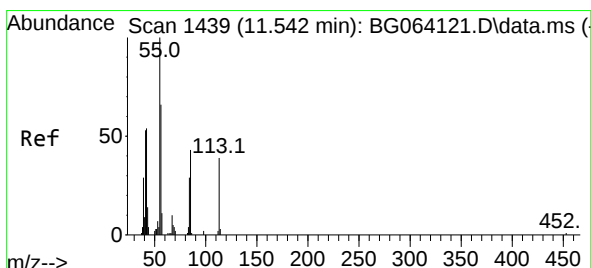
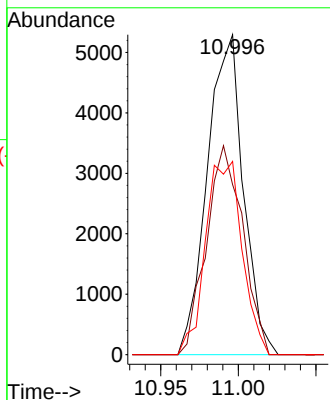
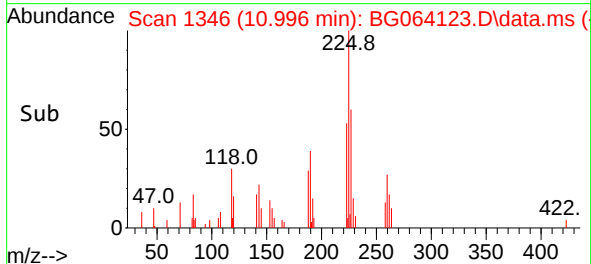


Tgt Ion:225 Resp: 853
Ion Ratio Lower Upper
225 100
223 53.2 47.0 70.4
227 60.4 47.8 71.8

Manual Integrations
APPROVED

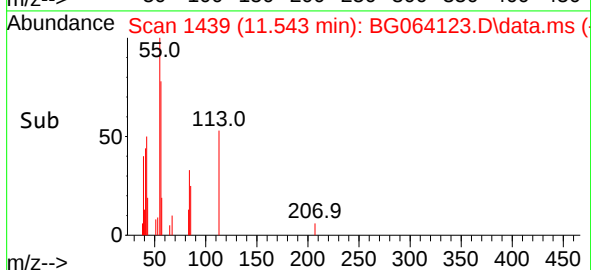
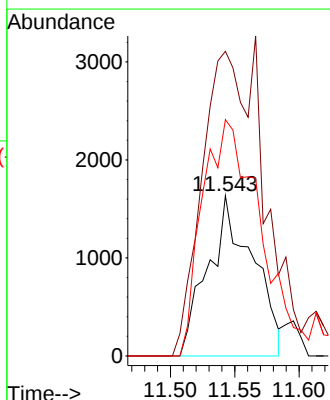
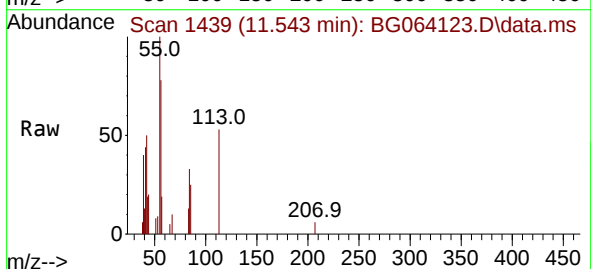
Reviewed By :Rahul
Chavli
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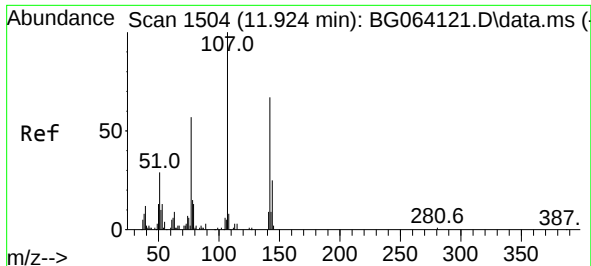
4/2025
Supervised By :Jagrut
Upadhyay
03/2
4/2025



#34
Caprolactam
Concen: 4.771 ng/ul m
RT: 11.543 min Scan# 1439
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

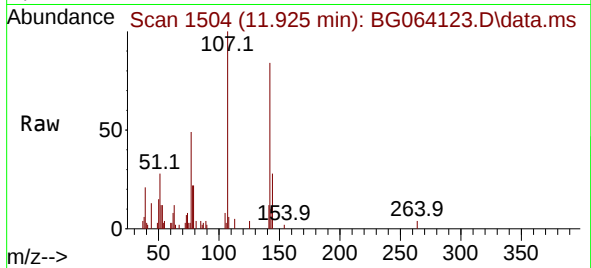
Tgt Ion:113 Resp: 3971
Ion Ratio Lower Upper
113 100
55 190.1 195.5 293.3#
56 147.5 136.4 204.6





#35
4-Chloro-3-methylphenol
Concen: 4.333 ng/ul
RT: 11.925 min Scan# 1504
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

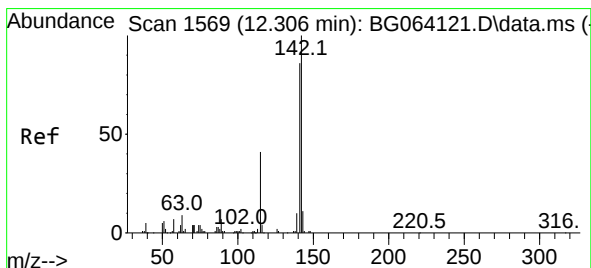
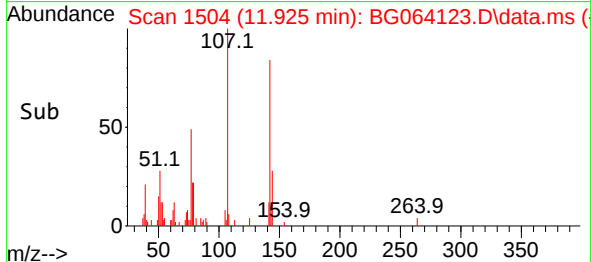
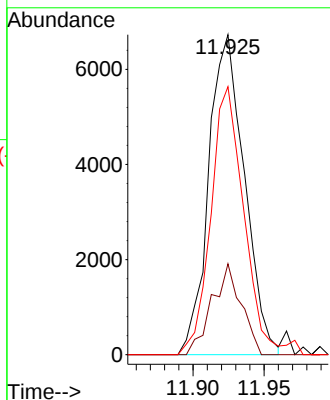


Tgt Ion:107 Resp: 11760
Ion Ratio Lower Upper
107 100
144 28.4 16.2 24.2
142 83.8 55.7 83.5

Manual Integrations
APPROVED

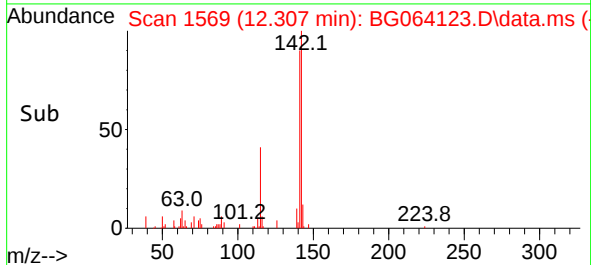
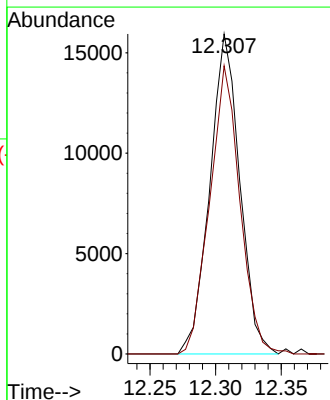
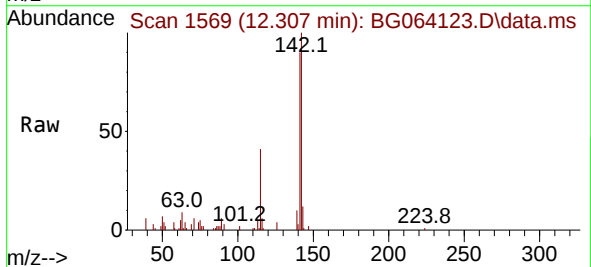
Reviewed By :Rahul
Chavli
03/2

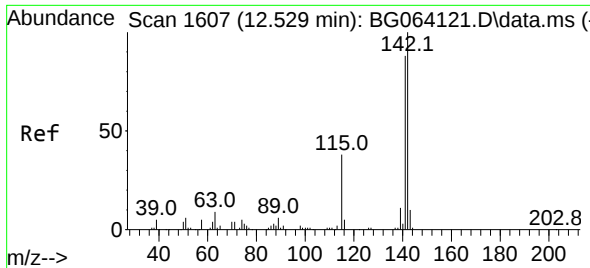
4/2025
Supervised By :Jagrut
Upadhyay
03/2
4/2025



#36
2-Methylnaphthalene
Concen: 4.608 ng/ul
RT: 12.307 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

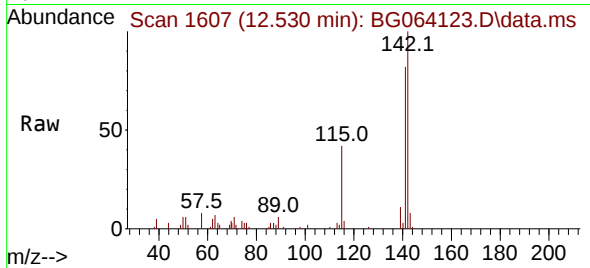
Tgt Ion:142 Resp: 25330
Ion Ratio Lower Upper
142 100
141 90.1 67.7 101.5





#37
1-Methylnaphthalene
Concen: 4.678 ng/ul
RT: 12.530 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

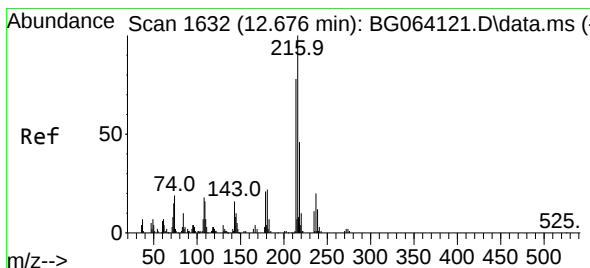
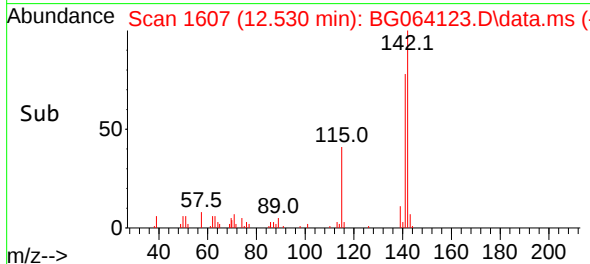
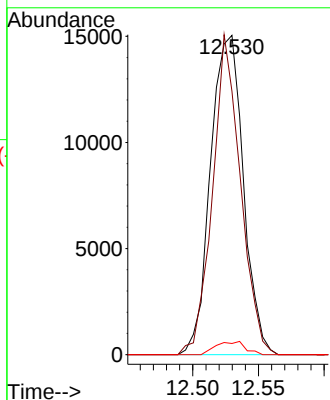


Tgt Ion:142 Resp: 2612
Ion Ratio Lower Upper
142 100
141 82.5 73.3 109.9
116 3.5 4.0 6.0

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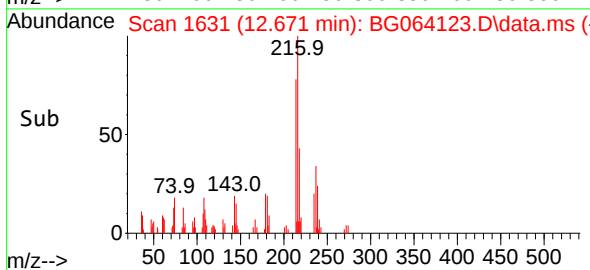
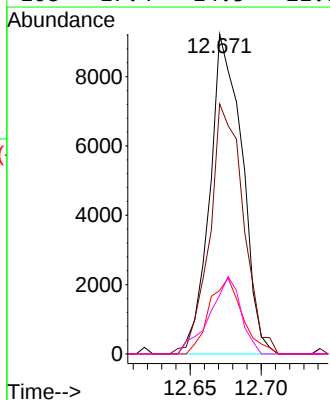
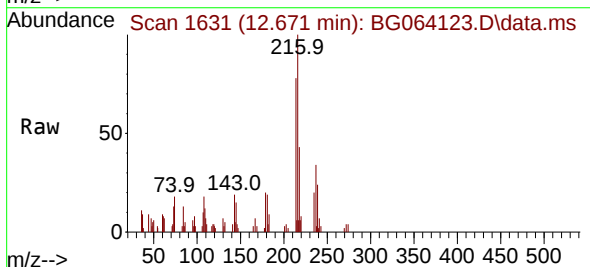
Reviewed By :Rahul
Chavli
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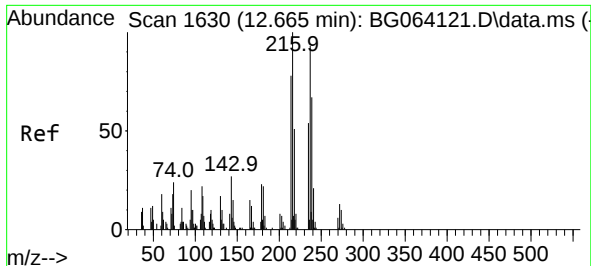
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Supervised By :Jagrut
Upadhyay
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.699 ng/ul
RT: 12.671 min Scan# 1631
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Tgt Ion:216 Resp: 14579
Ion Ratio Lower Upper
216 100
214 74.1 63.3 94.9
179 18.8 17.1 25.7
108 17.4 14.5 21.7





#40

Hexachlorocyclopentadiene

Concen: 4.223 ng/ul

RT: 12.659 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BG064123.D

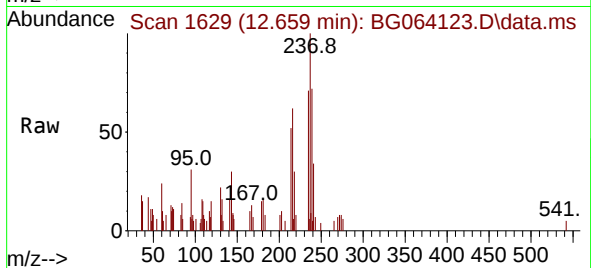
Acq: 21 Mar 2025 9:59

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2025-02



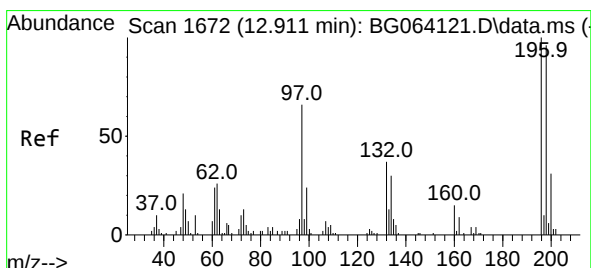
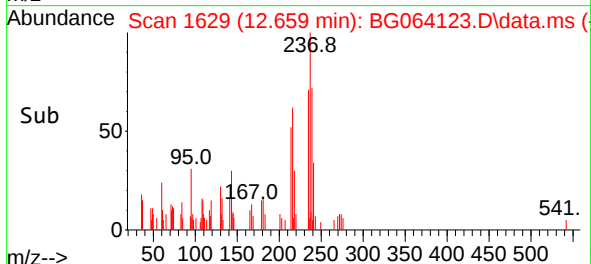
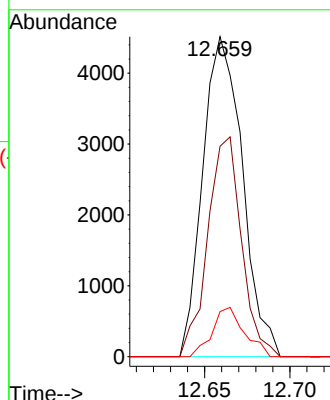
Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.7	42.4	63.6
272	14.1	8.0	12.0

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#41

2,4,6-Trichlorophenol

Concen: 4.454 ng/ul

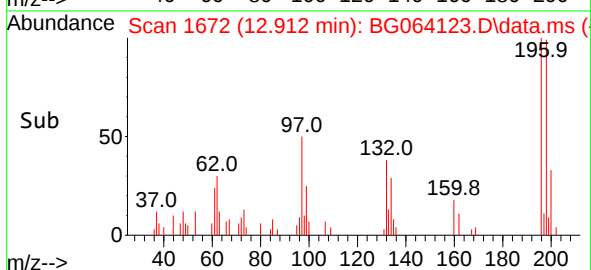
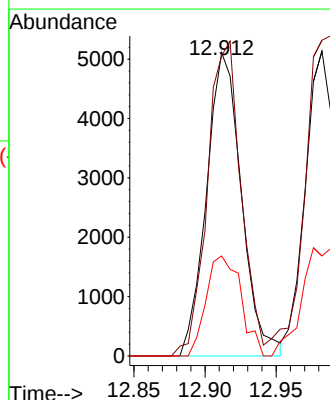
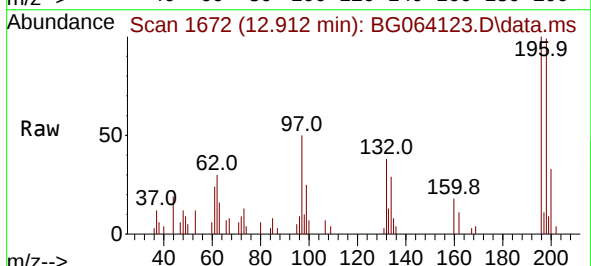
RT: 12.912 min Scan# 1672

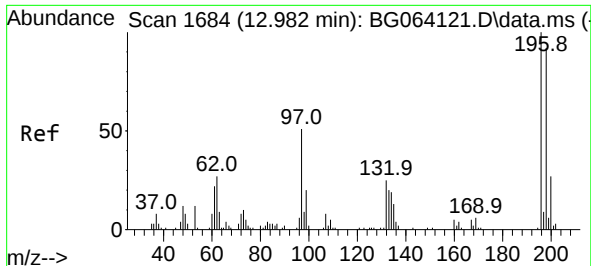
Delta R.T. 0.000 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

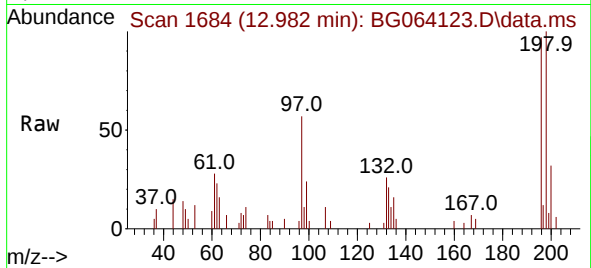
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	89.4	134.0
200	32.9	27.6	41.4





#42
2,4,5-Trichlorophenol
Concen: 3.993 ng/ul
RT: 12.982 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

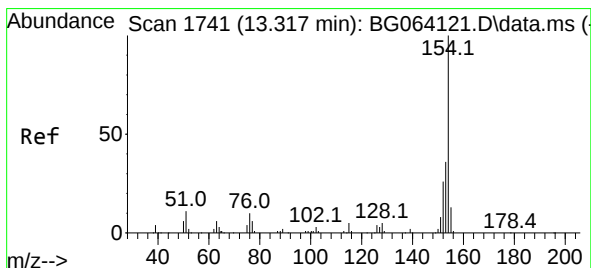
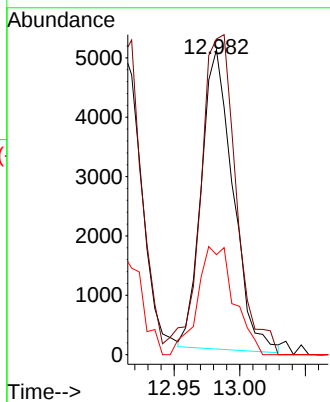
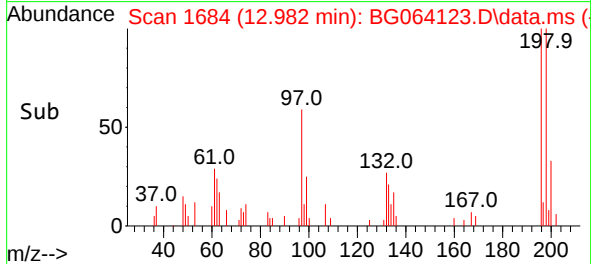


Tgt Ion:196 Resp: 848
Ion Ratio Lower Upper
196 100
198 92.1 80.7 121.1
200 29.2 24.9 37.3

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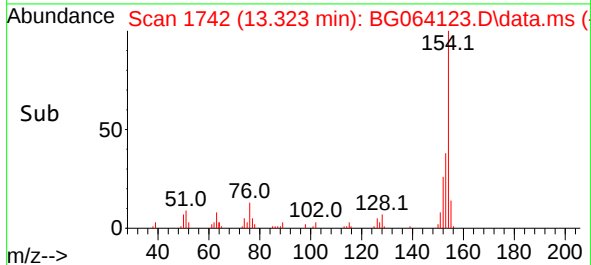
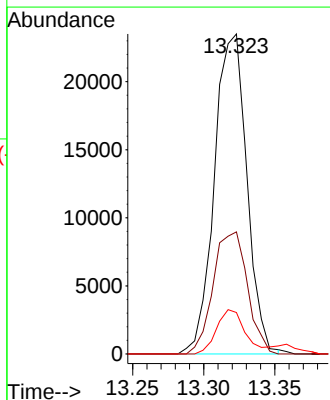
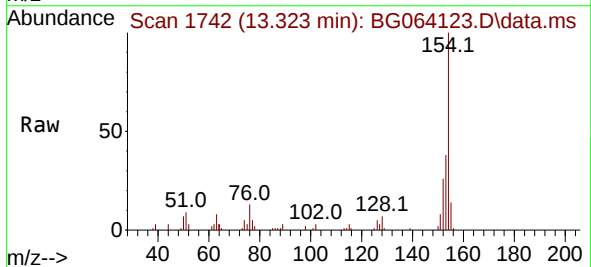
Reviewed By :Rahul
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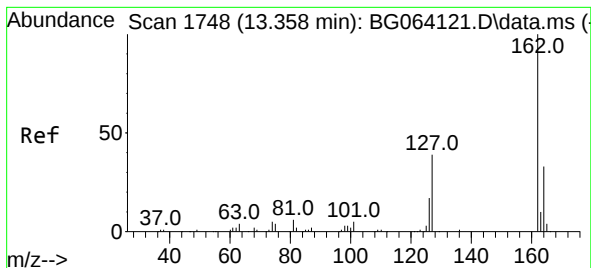
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Supervised By :Jagrut
Upadhyay
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#43
1,1'-Biphenyl
Concen: 4.734 ng/ul
RT: 13.323 min Scan# 1742
Delta R.T. 0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

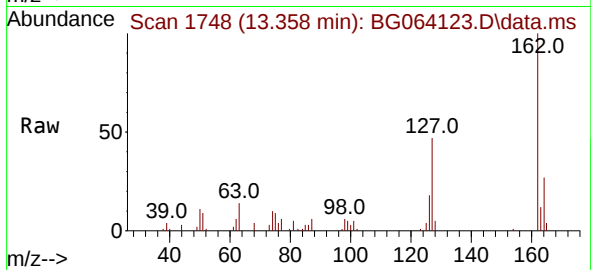
Tgt Ion:154 Resp: 37280
Ion Ratio Lower Upper
154 100
153 38.1 33.8 50.6
76 12.9 10.6 16.0





#44
2-Chloronaphthalene
Concen: 4.566 ng/ul
RT: 13.358 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

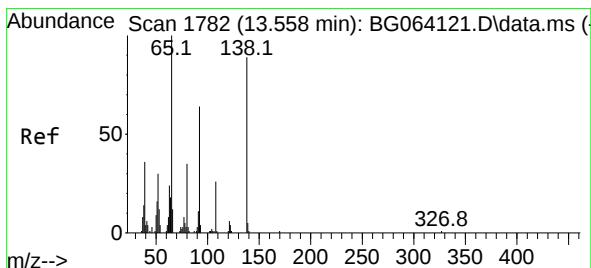
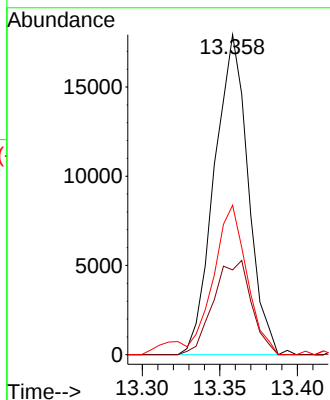
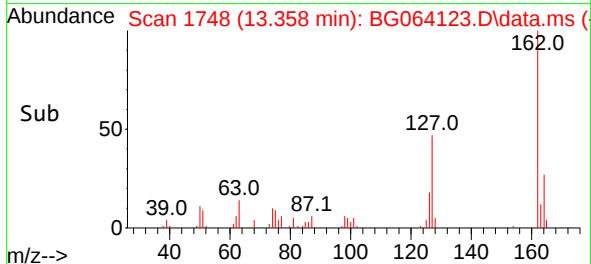


Tgt Ion:162 Resp: 27068
Ion Ratio Lower Upper
162 100
164 26.5 24.6 37.0
127 46.7 33.8 50.8

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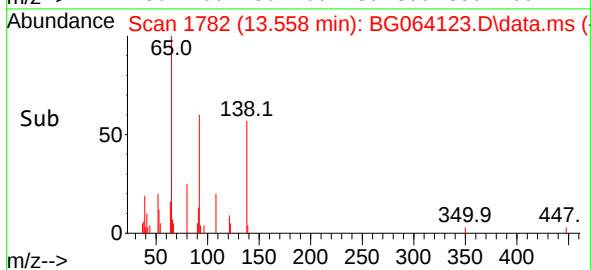
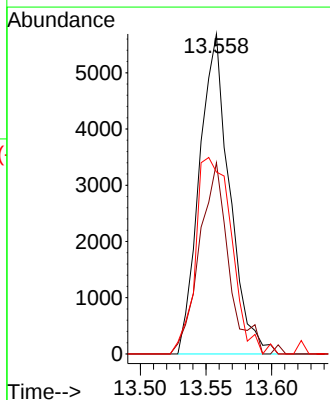
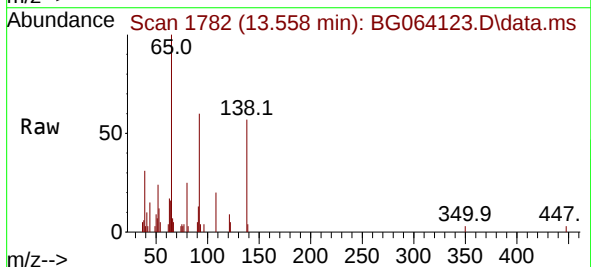
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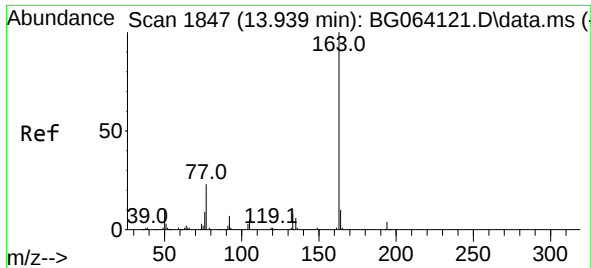
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Supervised By :Jagrut
Upadhyay
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#45
2-Nitroaniline
Concen: 4.521 ng/ul
RT: 13.558 min Scan# 1782
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

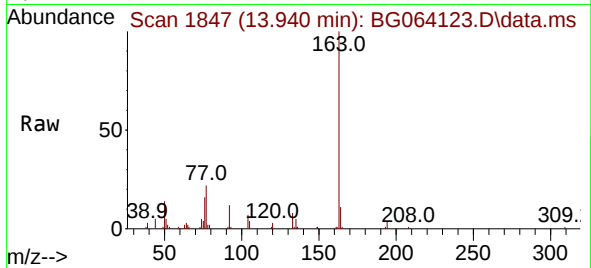
Tgt Ion: 65 Resp: 9109
Ion Ratio Lower Upper
65 100
92 59.8 44.5 66.7
138 56.8 64.1 96.1#





#47
Dimethylphthalate
Concen: 4.872 ng/ul
RT: 13.940 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

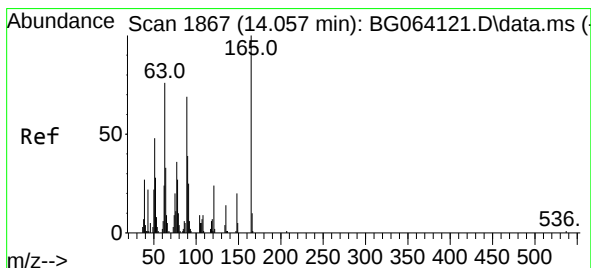
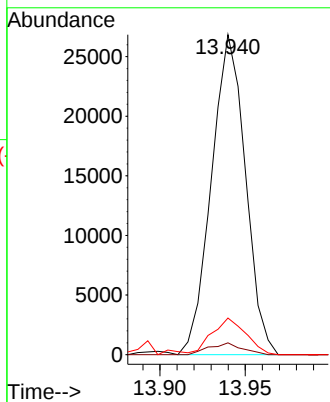
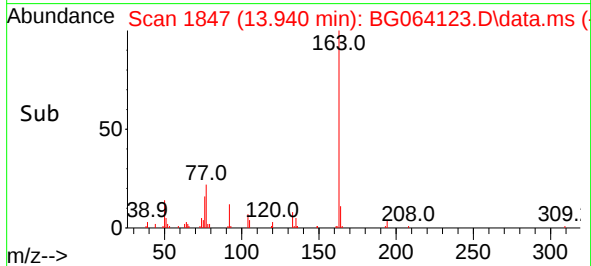


Tgt Ion:163 Resp: 3715
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 11.5 7.5 11.3

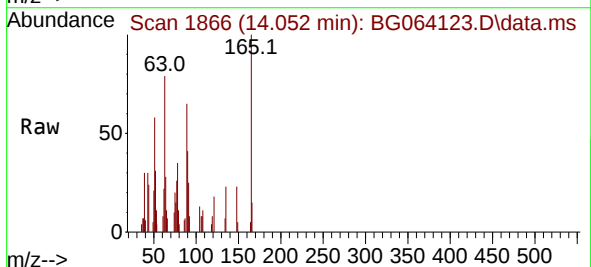
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Reviewed By :Rahul
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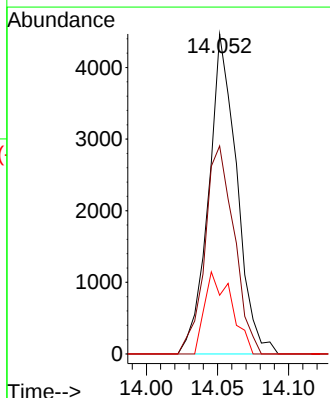
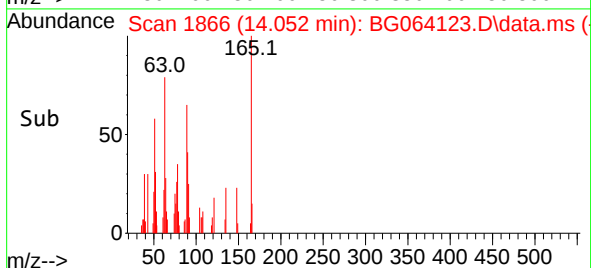
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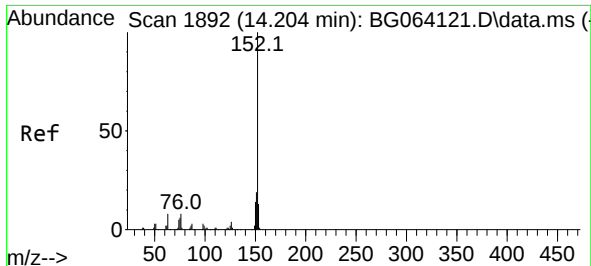


#48
2,6-Dinitrotoluene
Concen: 4.294 ng/ul
RT: 14.052 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59



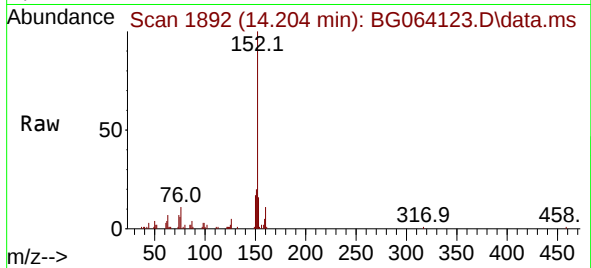
Tgt Ion:165 Resp: 6143
Ion Ratio Lower Upper
165 100
89 65.0 58.1 87.1
121 18.4 18.2 27.4





#50
Acenaphthylene
Concen: 4.977 ng/ul
RT: 14.204 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

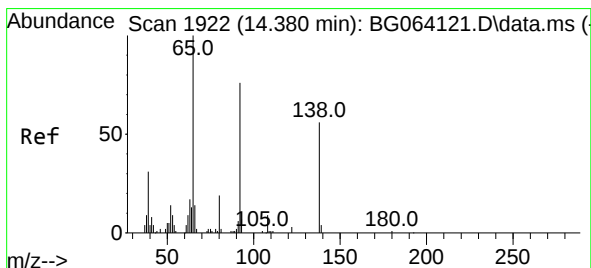
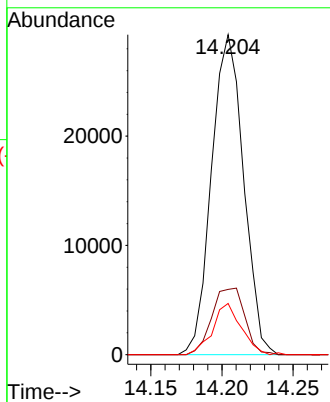
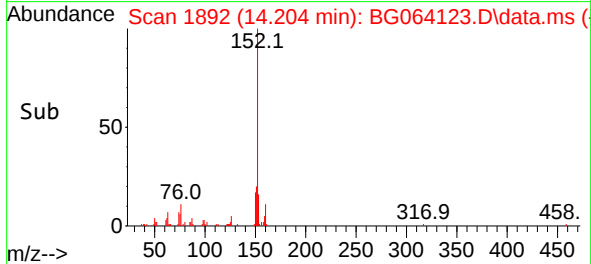


Tgt Ion:152 Resp: 4586
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 16.0 10.6 16.0

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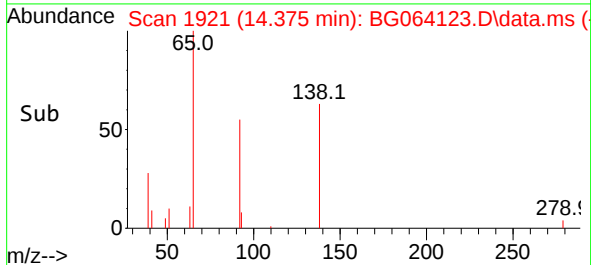
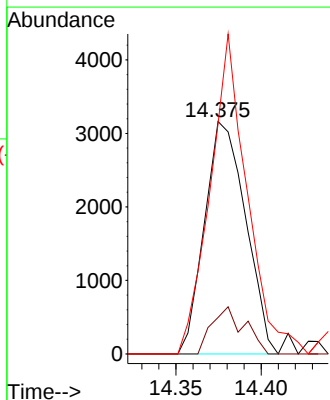
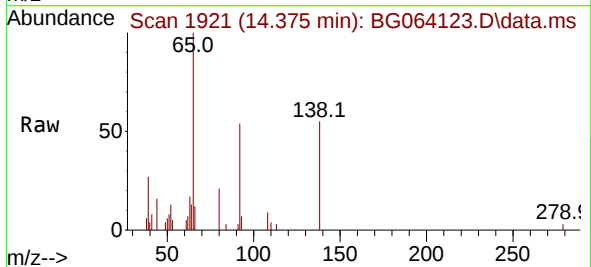
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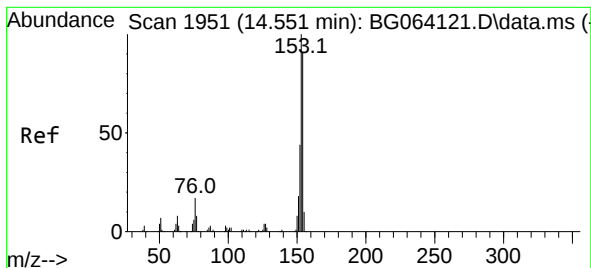
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#51
3-Nitroaniline
Concen: 3.665 ng/ul
RT: 14.375 min Scan# 1921
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

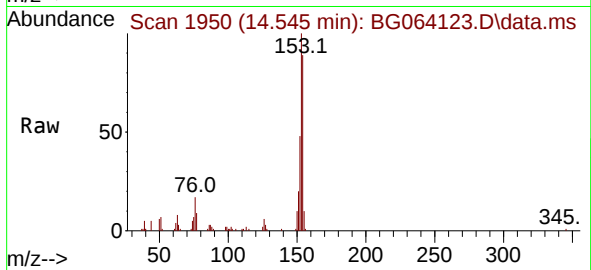
Tgt Ion:138 Resp: 5295
Ion Ratio Lower Upper
138 100
108 15.6 12.1 18.1
92 98.9 113.9 170.9#





#52
Acenaphthene
Concen: 4.819 ng/ul
RT: 14.545 min Scan# 1950
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2025-02

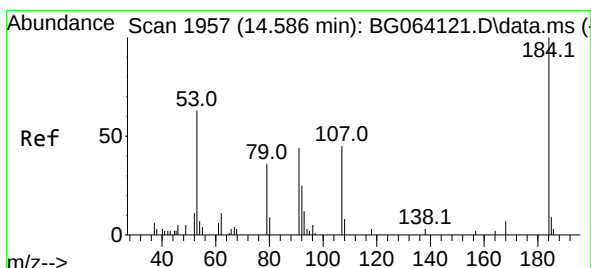
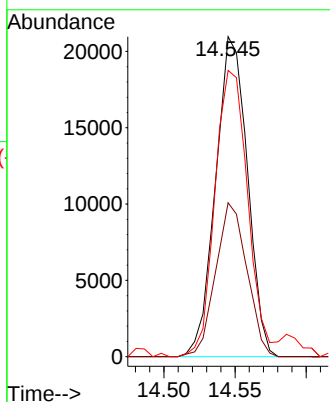
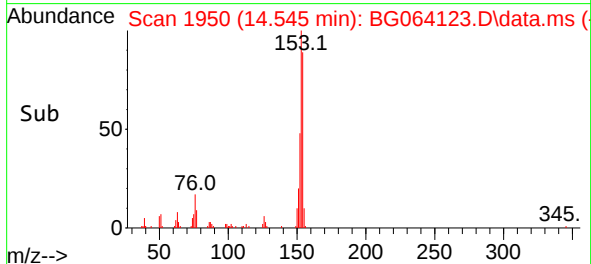


Tgt Ion:153 Resp: 3269
Ion Ratio Lower Upper
153 100
152 48.1 36.6 55.0
154 89.5 70.2 105.4

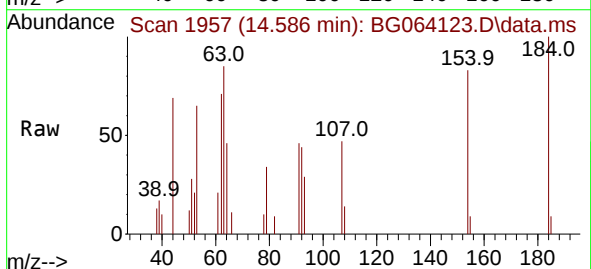
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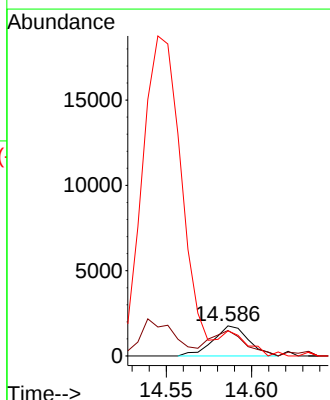
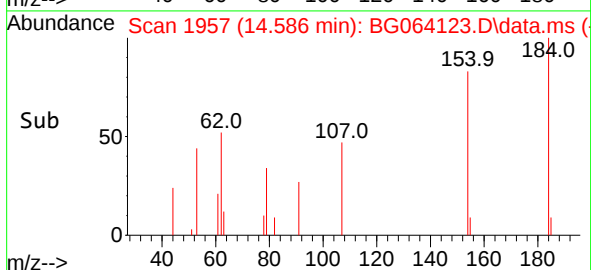
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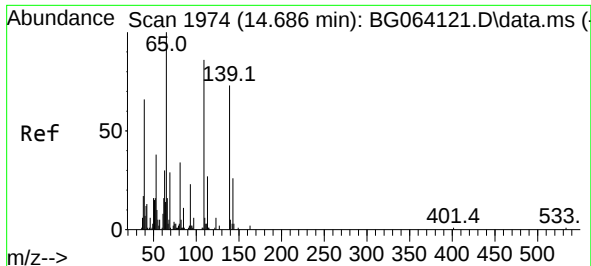


#53
2,4-Dinitrophenol
Concen: 3.500 ng/ul
RT: 14.586 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59



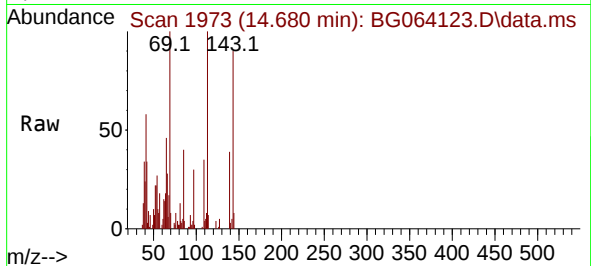
Tgt Ion:184 Resp: 2537
Ion Ratio Lower Upper
184 100
63 84.8 74.5 111.7
154 83.4 74.3 111.5





#55
4-Nitrophenol
Concen: 4.633 ng/ul
RT: 14.680 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

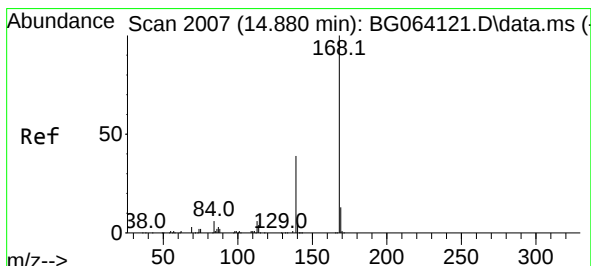
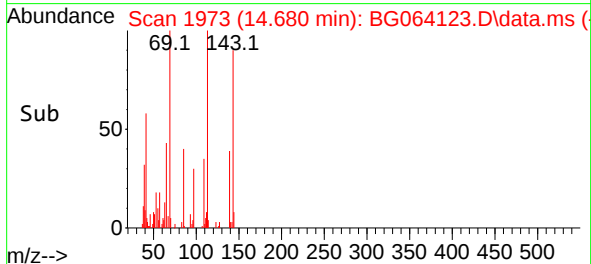
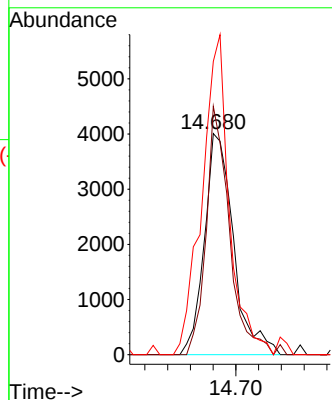


Tgt Ion:109 Resp: 7124
Ion Ratio Lower Upper
109 100
139 112.3 74.0 111.0
65 132.7 91.8 137.6

Manual Integrations
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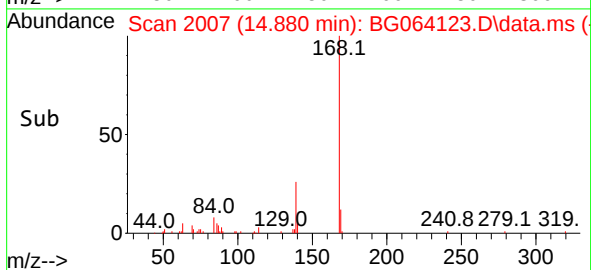
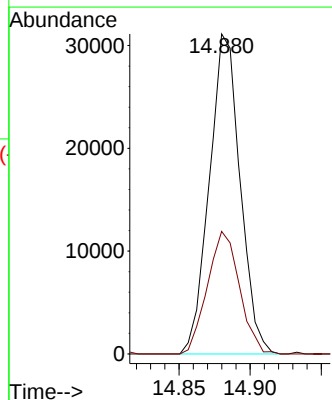
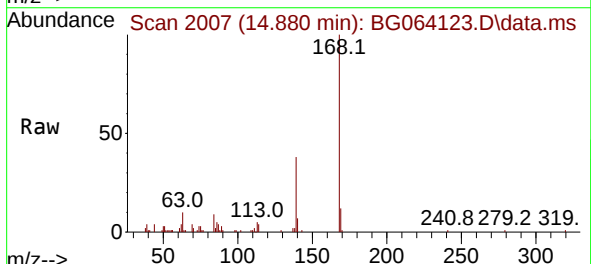
Reviewed By :Rahul
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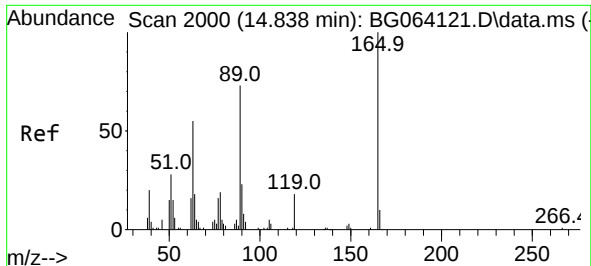
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Supervised By :Jagrut
Upadhyay
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4/2025



#56
Dibenzofuran
Concen: 4.934 ng/ul
RT: 14.880 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

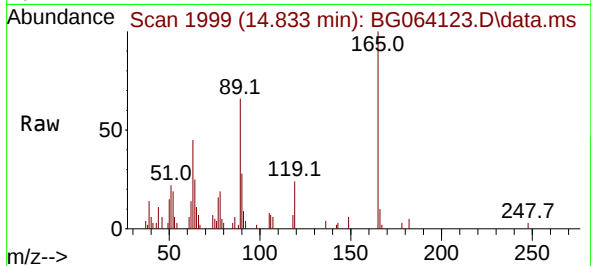
Tgt Ion:168 Resp: 46801
Ion Ratio Lower Upper
168 100
139 38.3 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 4.208 ng/ul
RT: 14.833 min Scan# 1999
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

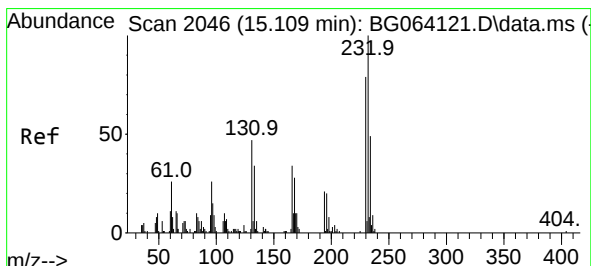
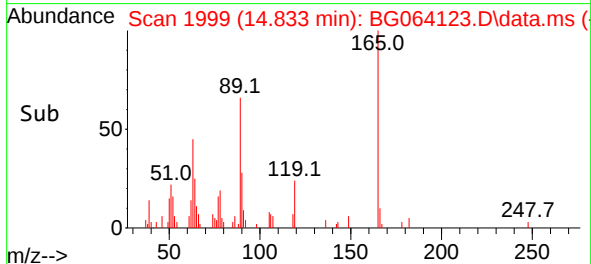
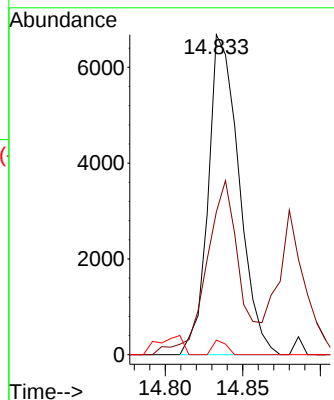


Tgt Ion:165 Resp: 9244
Ion Ratio Lower Upper
165 100
63 44.6 46.6 70.0#
182 4.5 2.0 3.0#

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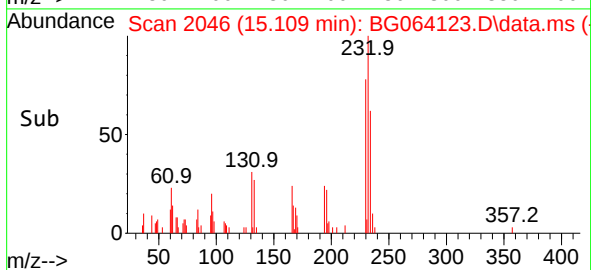
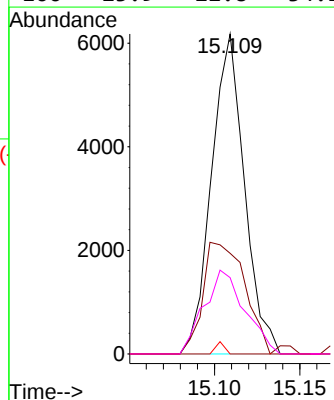
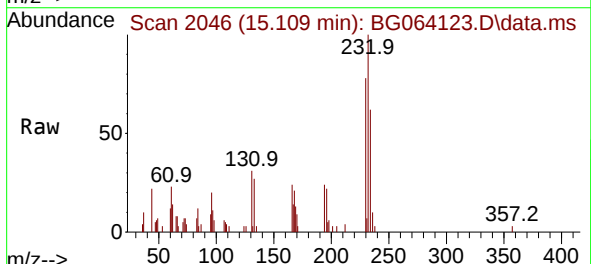
Reviewed By :Rahul
Chavli
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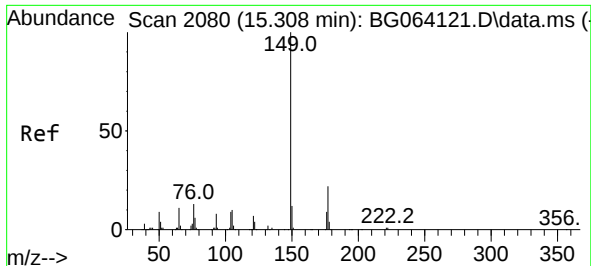
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.308 ng/ul
RT: 15.109 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

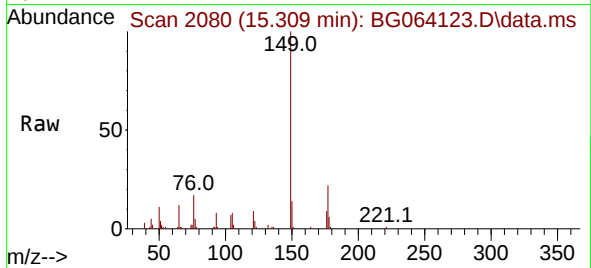
Tgt Ion:232 Resp: 8284
Ion Ratio Lower Upper
232 100
131 34.1 36.2 54.4#
130 0.0 3.2 4.8#
166 23.9 22.8 34.2





#59
Diethylphthalate
Concen: 4.958 ng/ul
RT: 15.309 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02



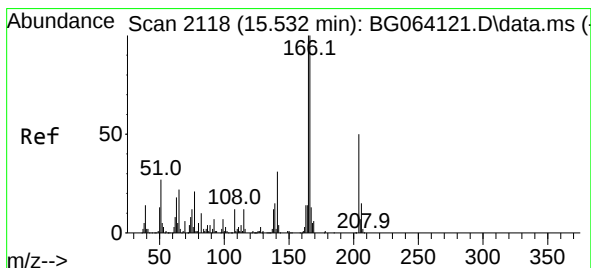
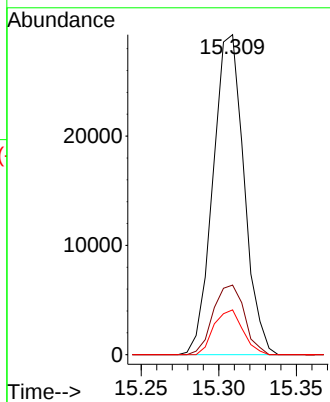
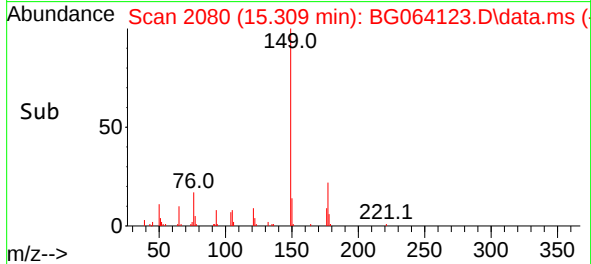
Tgt Ion:149 Resp: 40688
Ion Ratio Lower Upper
149 100
177 21.8 18.0 27.0
150 14.0 10.9 16.3

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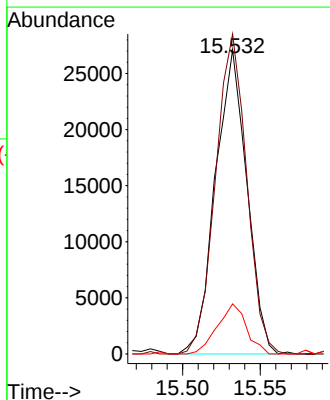
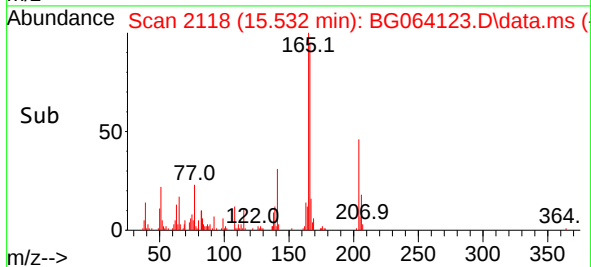
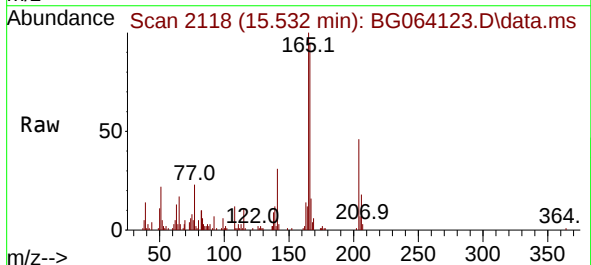
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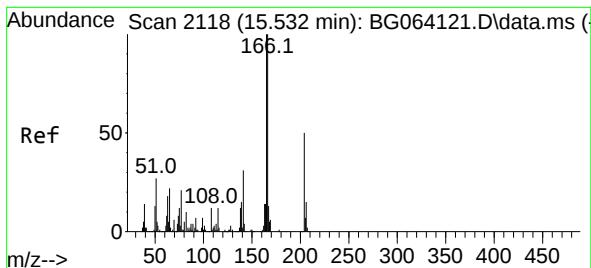
Supervised By :Jagrut
Upadhyay
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#61
Fluorene
Concen: 4.927 ng/ul
RT: 15.532 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

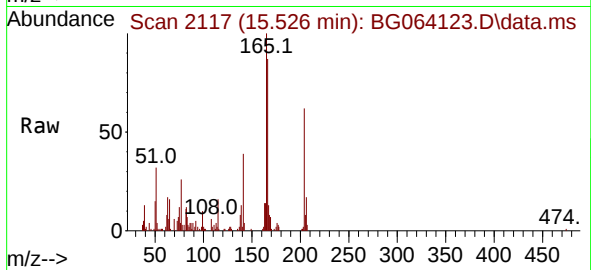
Tgt Ion:166 Resp: 38175
Ion Ratio Lower Upper
166 100
165 105.1 83.1 124.7
167 16.4 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 5.049 ng/ul
RT: 15.526 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2025-02

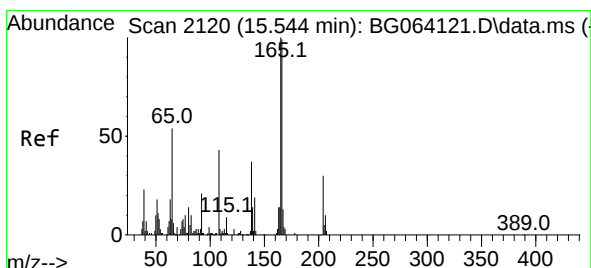
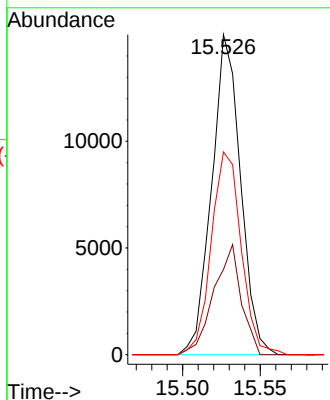
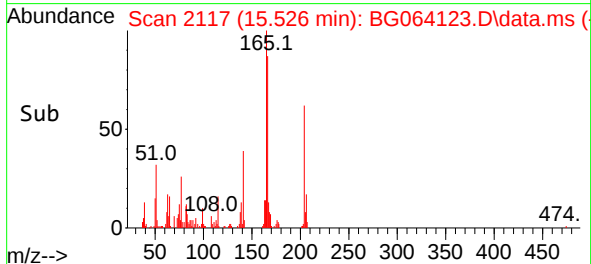


Tgt Ion:204 Resp: 19400
Ion Ratio Lower Upper
204 100
206 26.6 27.0 40.6
141 63.4 54.6 82.0

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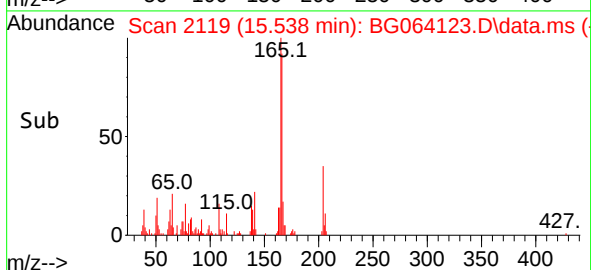
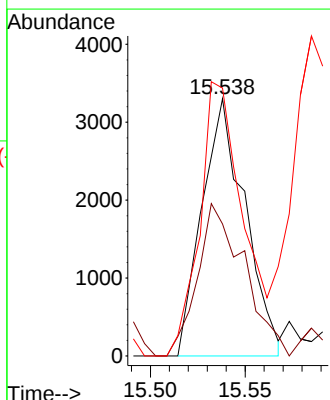
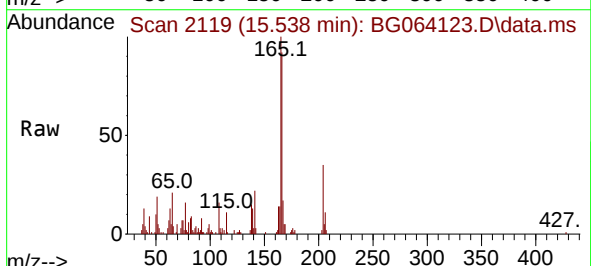
Reviewed By :Rahul
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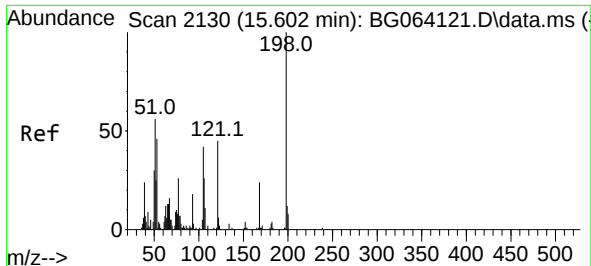
4/2025
Supervised By :Jagrut
Upadhyay
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#63
4-Nitroaniline
Concen: 3.456 ng/ul
RT: 15.538 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

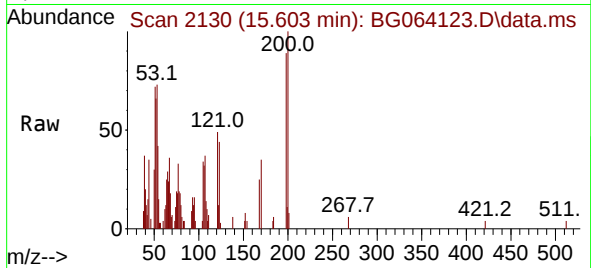
Tgt Ion:138 Resp: 5218
Ion Ratio Lower Upper
138 100
92 51.3 46.4 69.6
108 104.1 93.9 140.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.540 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

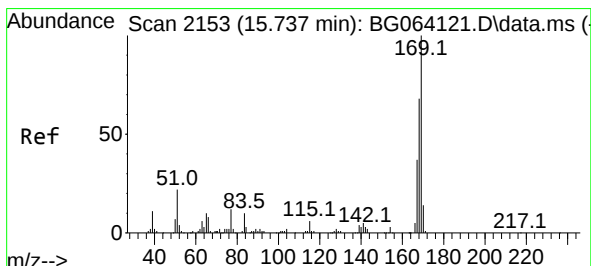
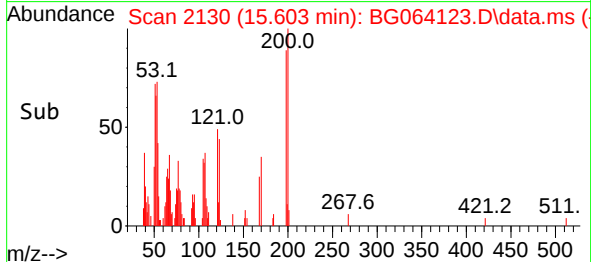
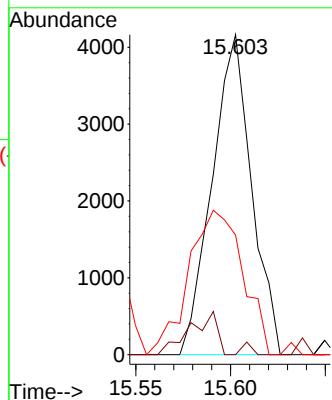


Tgt Ion:198 Resp: 6030
Ion Ratio Lower Upper
198 100
182 0.0 3.9 5.9
77 37.4 25.5 38.3

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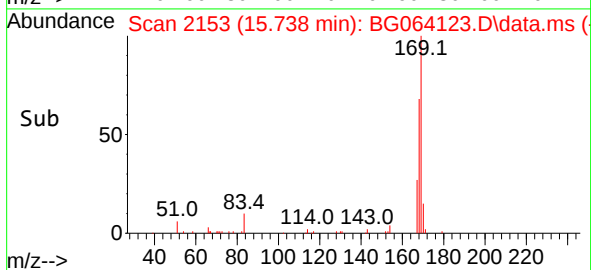
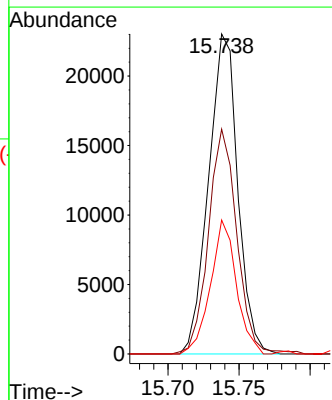
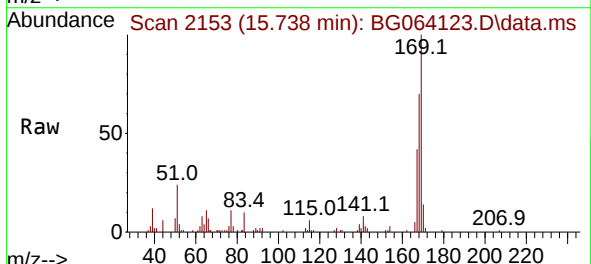
Reviewed By :Rahul
Chavli
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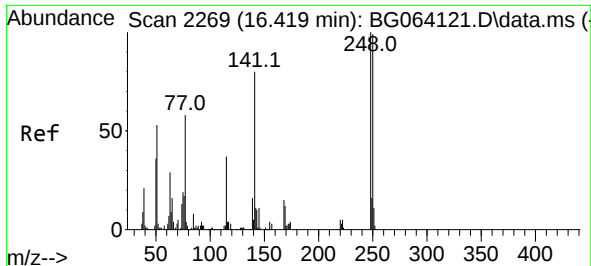
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#67
N-Nitrosodiphenylamine
Concen: 4.881 ng/ul
RT: 15.738 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

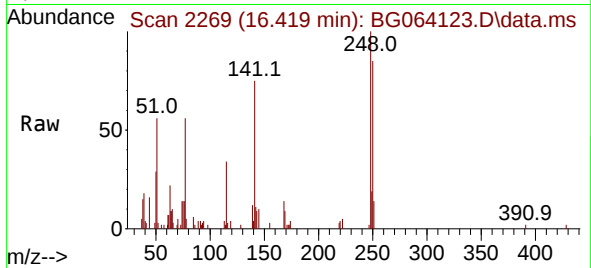
Tgt Ion:169 Resp: 32883
Ion Ratio Lower Upper
169 100
168 70.2 55.5 83.3
167 41.8 30.6 45.8





#68
4-Bromophenyl-phenylether
Concen: 4.884 ng/ul
RT: 16.419 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

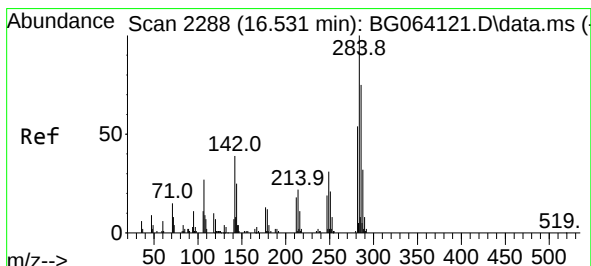
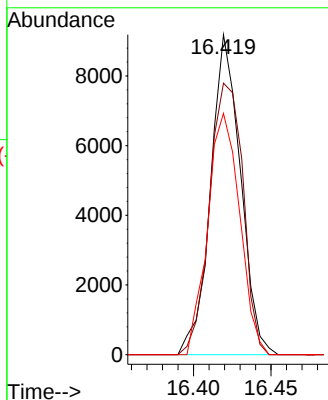
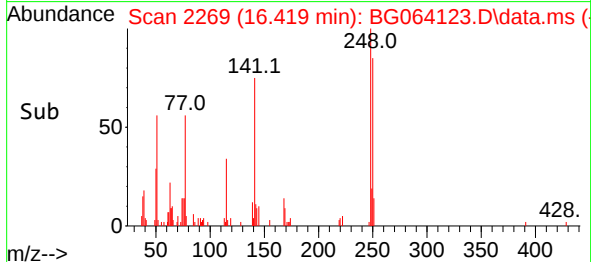


Tgt Ion	Ratio	Lower	Upper
248	100		
250	84.8	77.8	116.8
141	75.4	67.5	101.3

Manual Integrations
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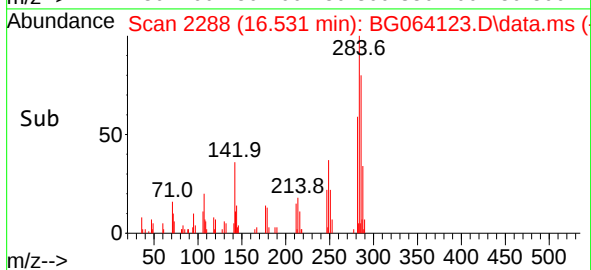
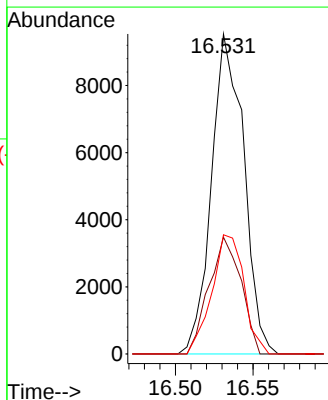
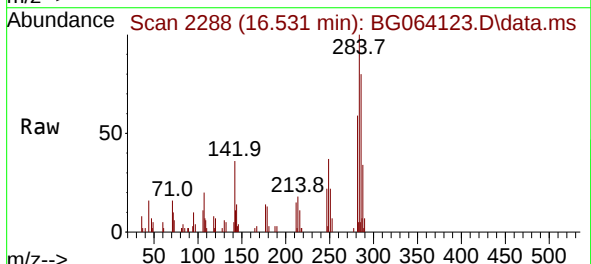
Reviewed By :Rahul
Chavli
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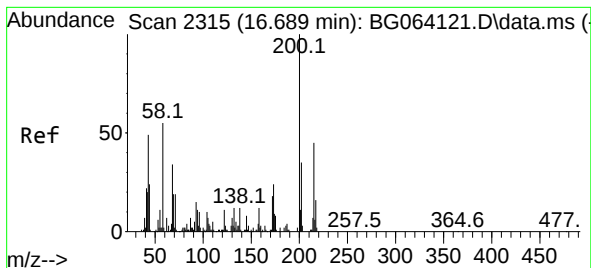
4/2025
Supervised By :Jagrut
Upadhyay
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#69
Hexachlorobenzene
Concen: 4.893 ng/ul
RT: 16.531 min Scan# 2288
Delta R.T. -0.005 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	28.2	42.2
249	37.3	28.2	42.4





#70

Atrazine

Concen: 5.390 ng/ul

RT: 16.690 min Scan# 2315

Delta R.T. 0.000 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2025-02

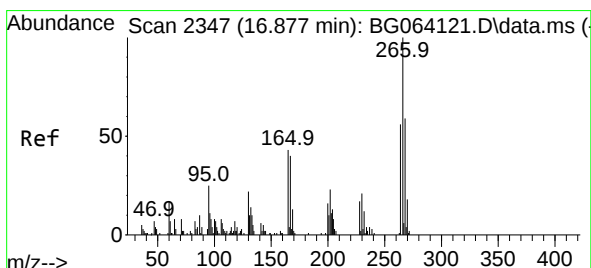
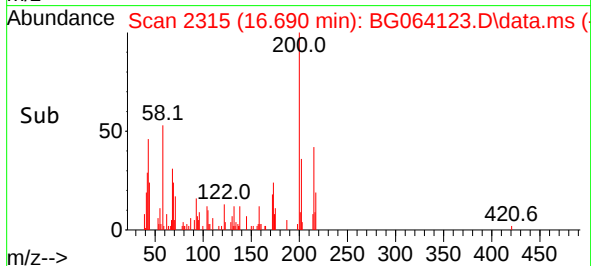
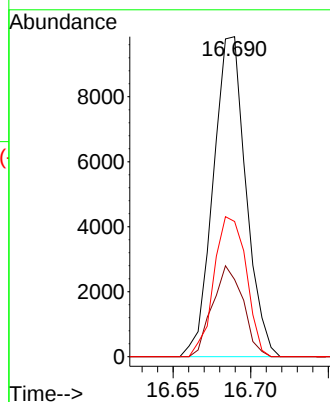
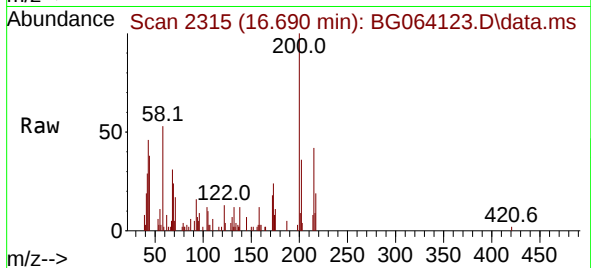
Tgt Ion:200	Resp: 1443
Ion Ratio	Lower Upper
200 100	
173 24.1	19.8 29.6
215 42.3	38.8 58.2

Manual Integrations
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Reviewed By :Rahul
Chavli
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#71

Pentachlorophenol

Concen: 4.175 ng/ul

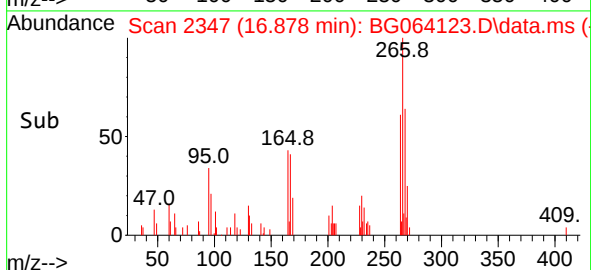
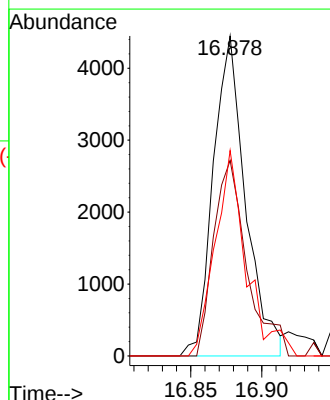
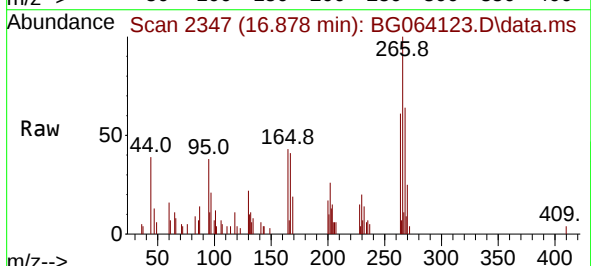
RT: 16.878 min Scan# 2347

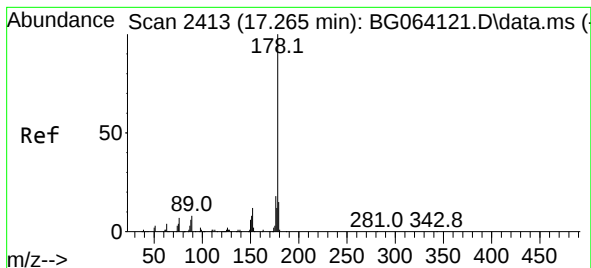
Delta R.T. 0.000 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

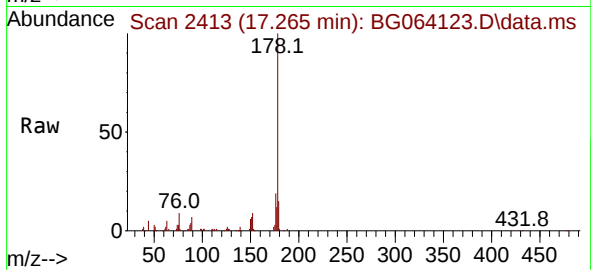
Tgt Ion:266	Resp: 7040
Ion Ratio	Lower Upper
266 100	
264 61.1	54.0 81.0
268 64.2	54.3 81.5





#72
Phenanthrene
Concen: 4.816 ng/u1
RT: 17.265 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

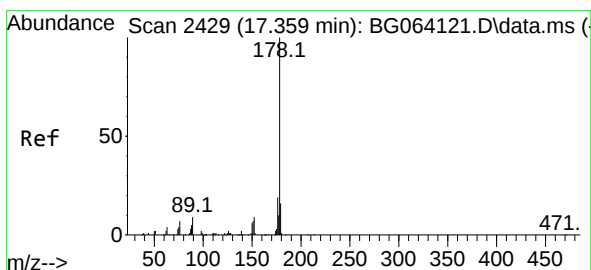
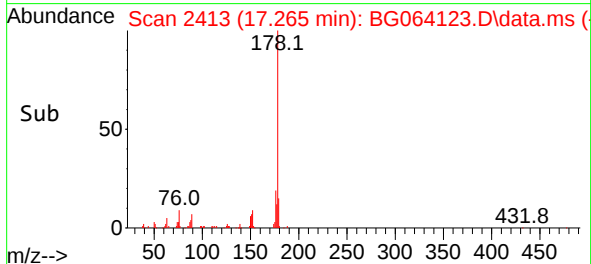
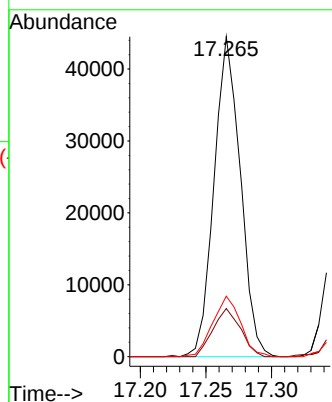


Tgt Ion:178 Resp: 61948
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.9 15.1 22.7

Manual Integrations
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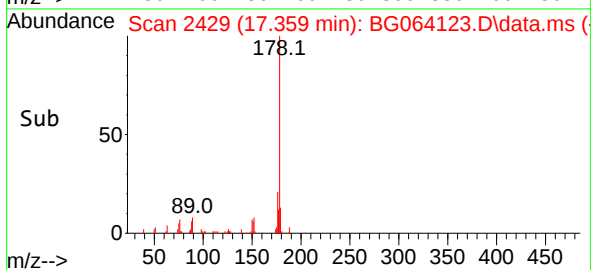
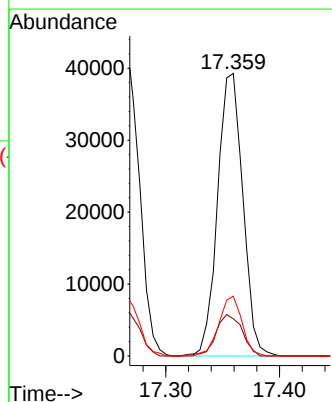
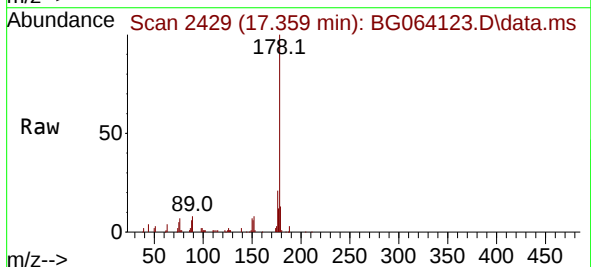
Reviewed By :Rahul
Chavli
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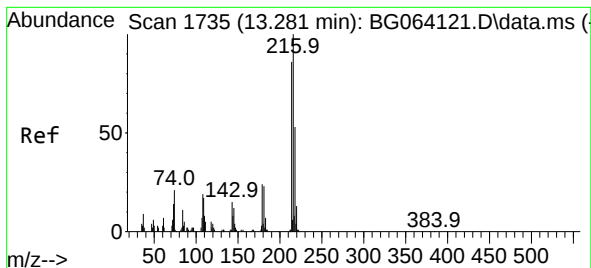
4/2025
Supervised By :Jagrut
Upadhyay
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4/2025



#74
Anthracene
Concen: 4.608 ng/u1
RT: 17.359 min Scan# 2429
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

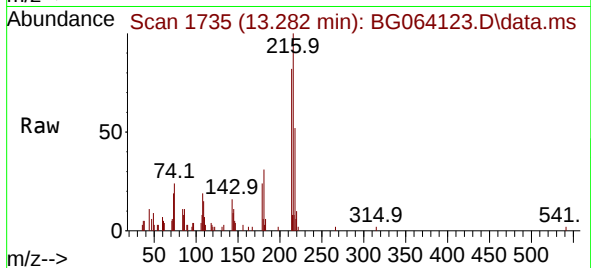
Tgt Ion:178 Resp: 60669
Ion Ratio Lower Upper
178 100
179 13.1 12.0 18.0
176 21.2 15.2 22.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.209 ng/ul
RT: 13.282 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

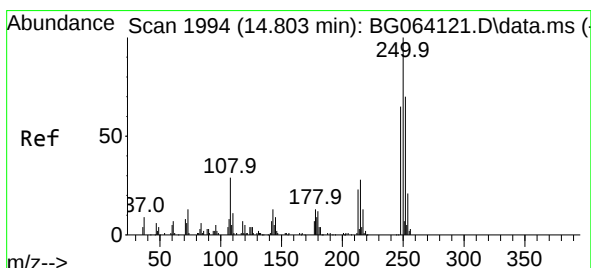
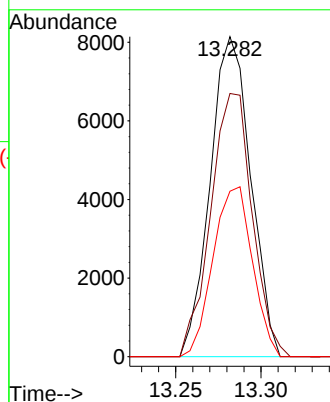
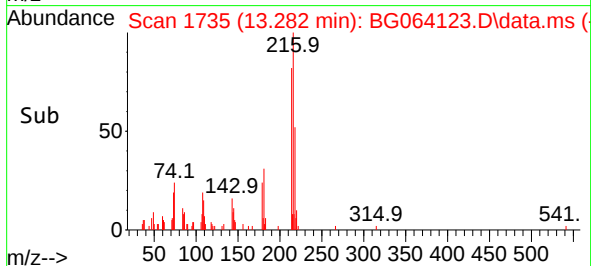


Tgt Ion:216 Resp: 13462
Ion Ratio Lower Upper
216 100
214 82.3 64.8 97.2
218 51.7 36.6 54.8

Manual Integrations
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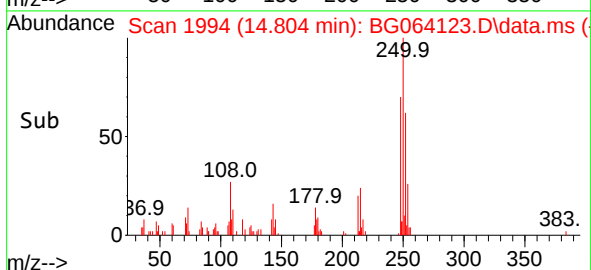
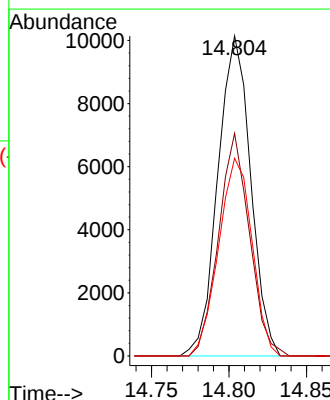
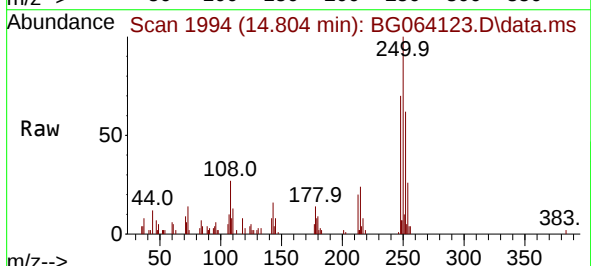
Reviewed By :Rahul
Chavli
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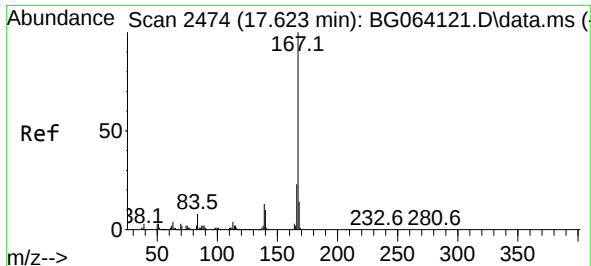
4/2025
Supervised By :Jagrut
Upadhyay
03/2
4/2025



#76
Pentachlorobenzene
Concen: 4.462 ng/ul
RT: 14.804 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

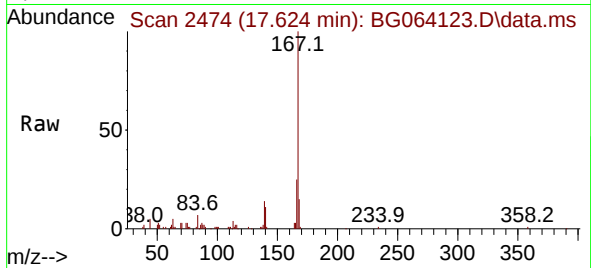
Tgt Ion:250 Resp: 14906
Ion Ratio Lower Upper
250 100
248 76.4 55.2 82.8
252 61.8 51.7 77.5





#77
 Carbazole
 Concen: 4.698 ng/ul
 RT: 17.624 min Scan# 2474
 Delta R.T. 0.000 min
 Lab File: BG064123.D
 Acq: 21 Mar 2025 9:59

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2025-02

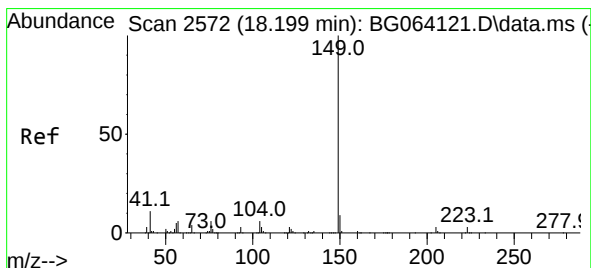
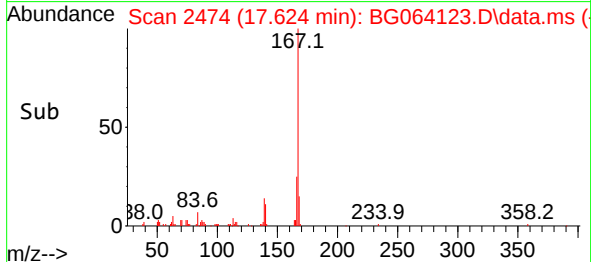
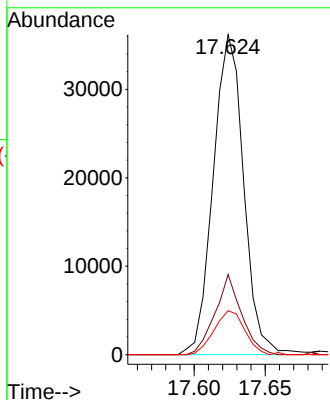


Tgt Ion:167 Resp: 53650
 Ion Ratio Lower Upper
 167 100
 166 25.0 18.0 27.0
 139 13.7 10.5 15.7

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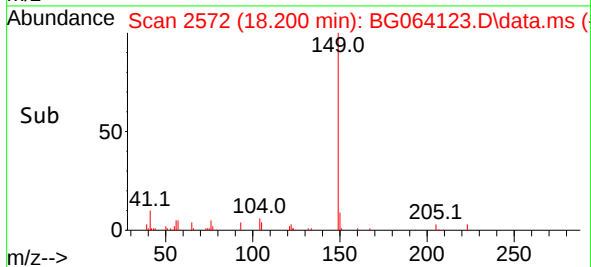
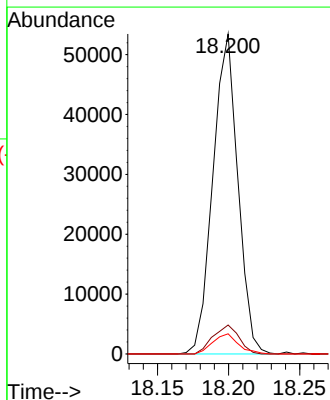
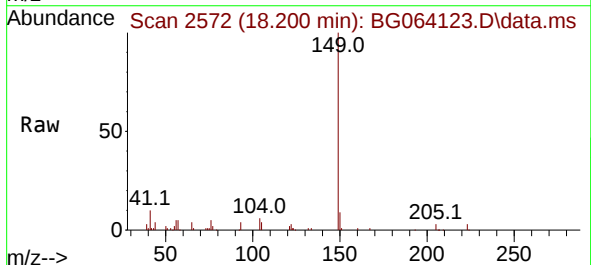
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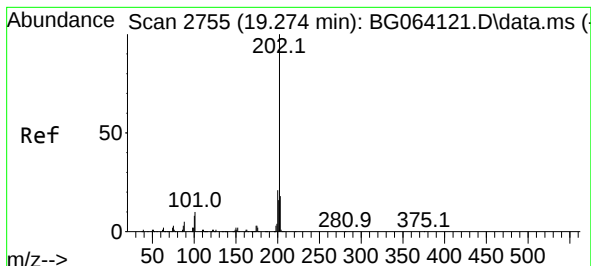
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 Supervised By :Jagrut
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#78
 Di-n-butylphthalate
 Concen: 4.463 ng/ul
 RT: 18.200 min Scan# 2572
 Delta R.T. 0.000 min
 Lab File: BG064123.D
 Acq: 21 Mar 2025 9:59

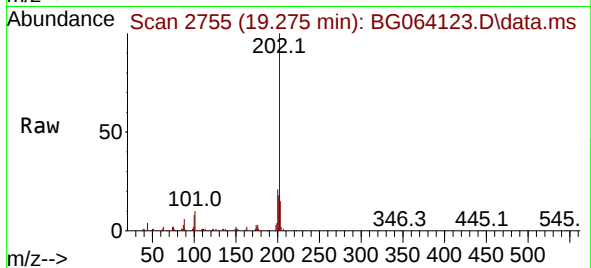
Tgt Ion:149 Resp: 65162
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.0 10.4
 104 6.3 4.7 7.1





#80
Fluoranthene
Concen: 4.944 ng/u1
RT: 19.275 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

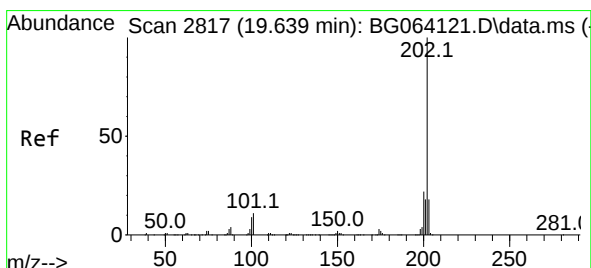
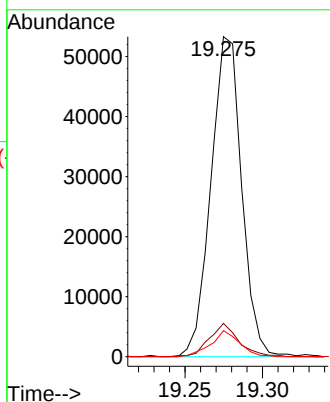
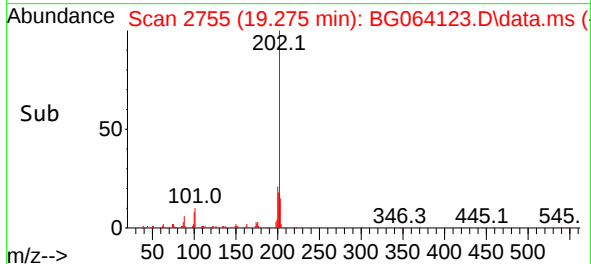


Tgt Ion:202 Resp: 7329
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.8
100 8.2 6.6 10.0

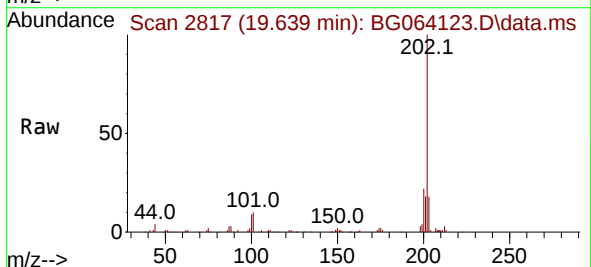
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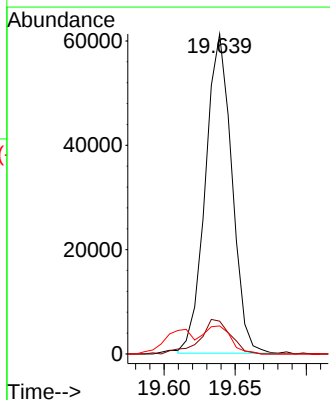
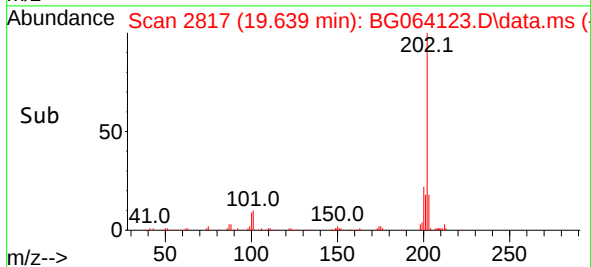
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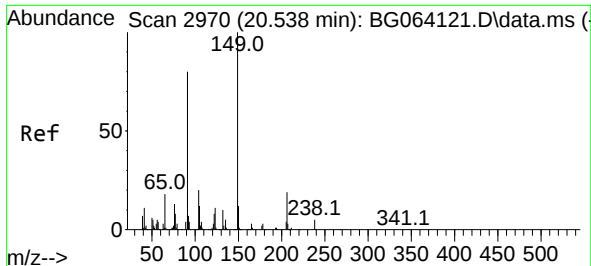


#82
Pyrene
Concen: 5.031 ng/u1
RT: 19.639 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59



Tgt Ion:202 Resp: 79100
Ion Ratio Lower Upper
202 100
101 10.2 7.9 11.9
100 8.8 7.4 11.0





#83
Butylbenzylphthalate
Concen: 4.380 ng/ul
RT: 20.538 min Scan# 2970
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

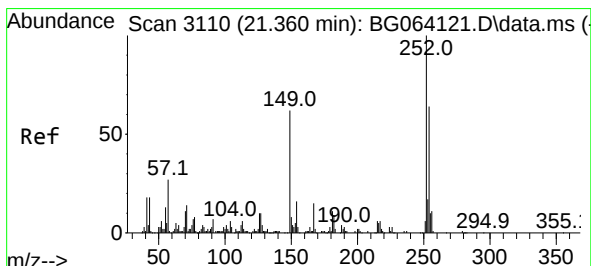
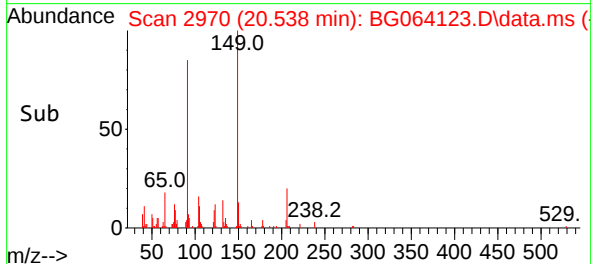
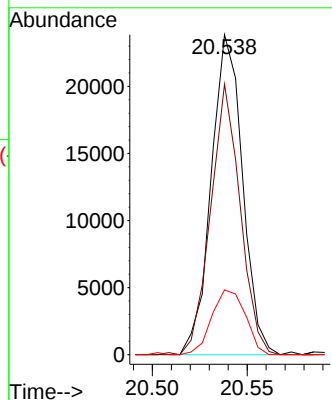
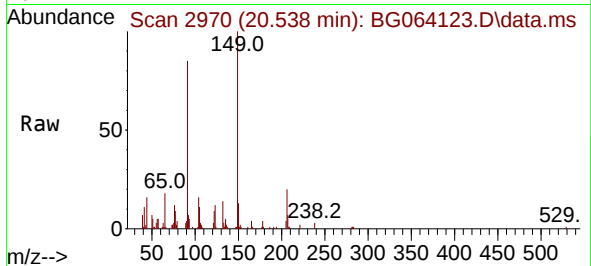
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

Tgt Ion:	149	Resp:	27419
Ion Ratio	Lower	Upper	
149	100		
91	84.6	63.4	95.0
206	20.3	15.8	23.8

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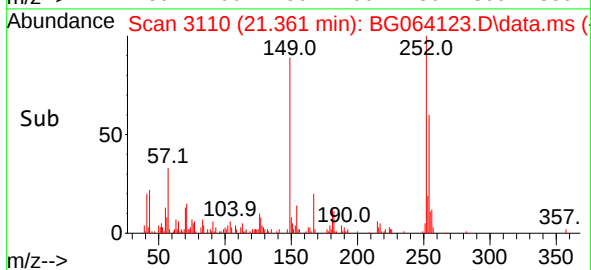
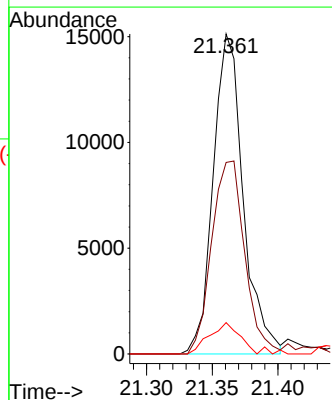
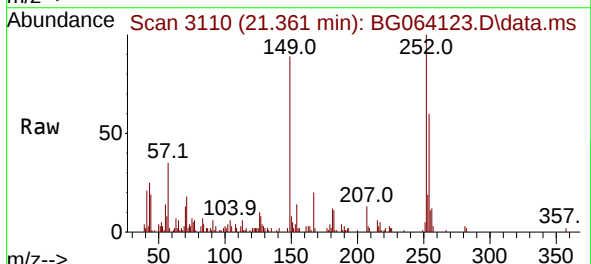
Reviewed By :Rahul
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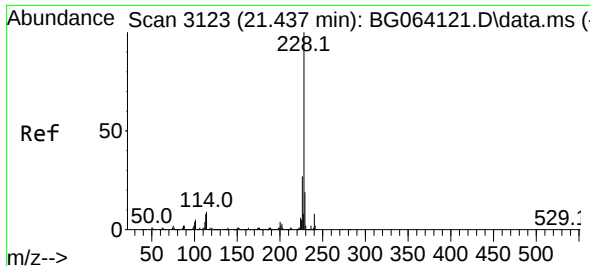
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Supervised By :Jagrut
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#84
3,3'-Dichlorobenzidine
Concen: 5.369 ng/ul
RT: 21.361 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

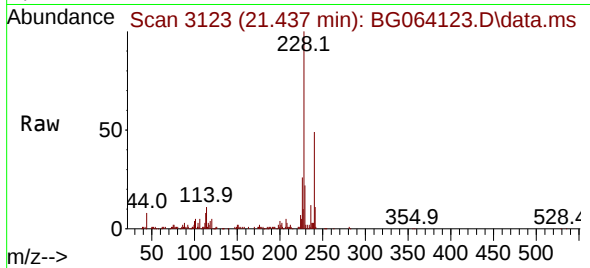
Tgt Ion:	252	Resp:	24022
Ion Ratio	Lower	Upper	
252	100		
254	59.9	54.0	81.0
126	9.8	8.1	12.1





#85
Benzo(a)anthracene
Concen: 4.808 ng/ul
RT: 21.437 min Scan# 3123
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

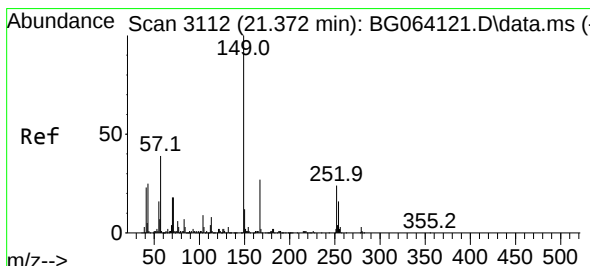
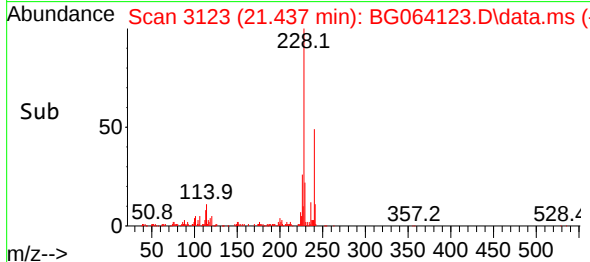
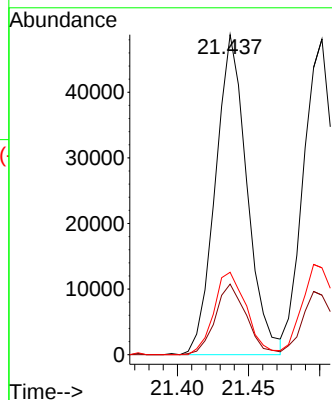


Tgt Ion:228 Resp: 7556
Ion Ratio Lower Upper
228 100
229 22.0 15.7 23.5
226 25.7 21.1 31.7

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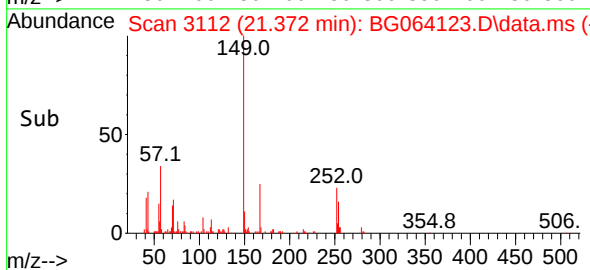
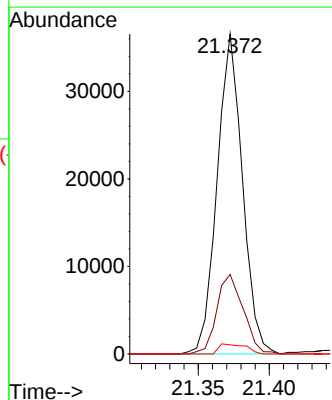
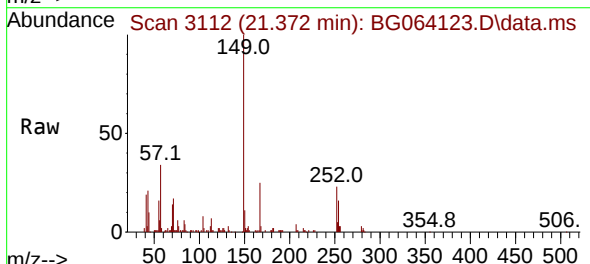
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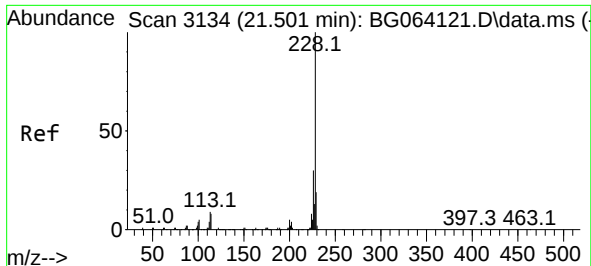
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Supervised By :Jagrut
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#86
Bis(2-ethylhexyl)phthalate
Concen: 4.813 ng/ul
RT: 21.372 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

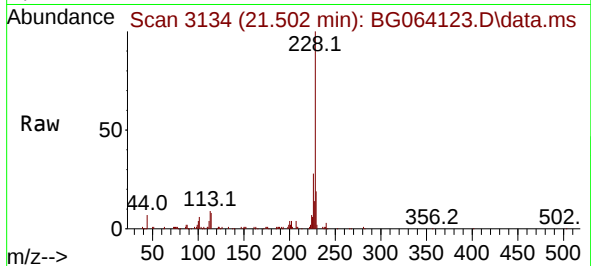
Tgt Ion:149 Resp: 45209
Ion Ratio Lower Upper
149 100
167 24.8 21.0 31.4
279 2.9 2.8 4.2





#87
Chrysene
Concen: 4.742 ng/ul
RT: 21.502 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

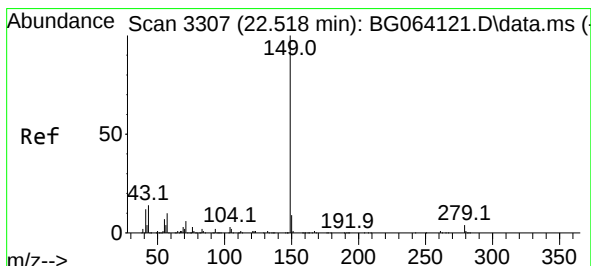
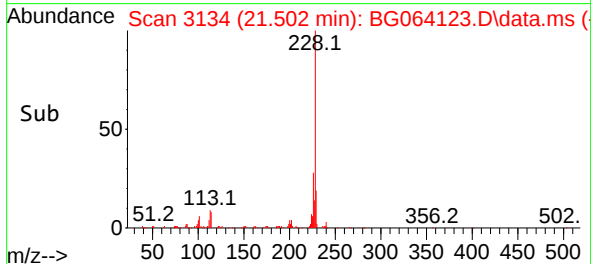
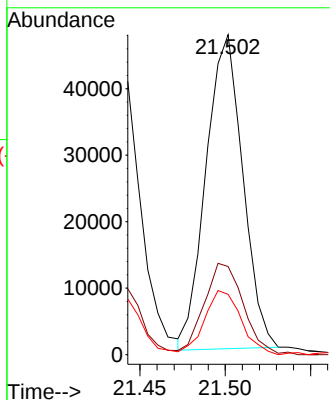


Tgt Ion:228 Resp: 7085
Ion Ratio Lower Upper
228 100
226 27.5 23.6 35.4
229 18.8 16.2 24.2

Manual Integrations
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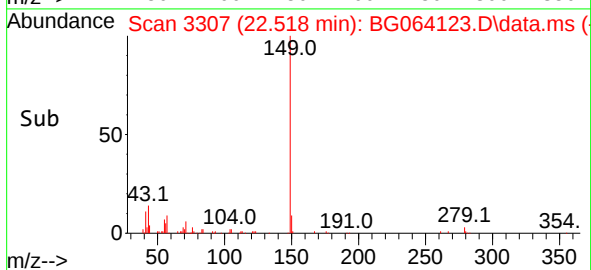
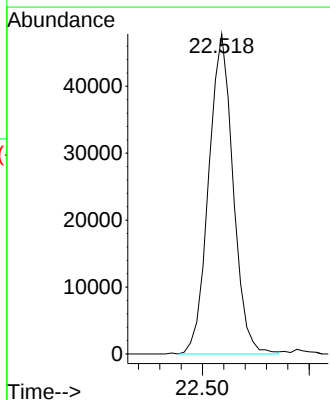
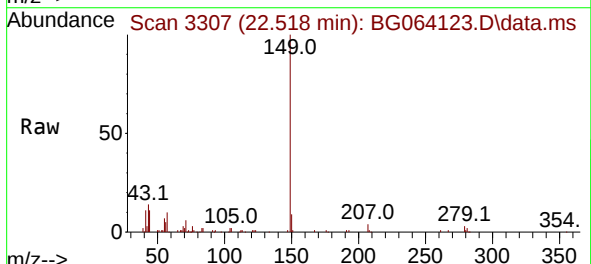
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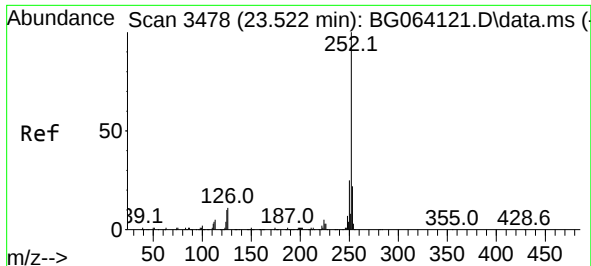
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#89
Di-n-octyl phthalate
Concen: 4.921 ng/ul
RT: 22.518 min Scan# 3307
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Tgt Ion:149 Resp: 75979





#90
Benzo(b)fluoranthene
Concen: 4.928 ng/ul
RT: 23.517 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

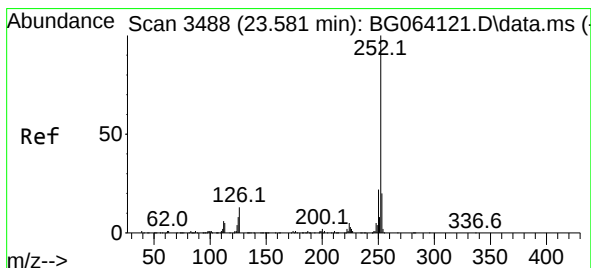
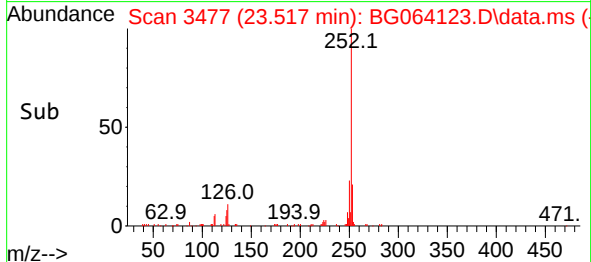
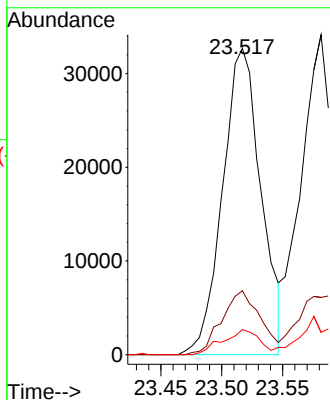
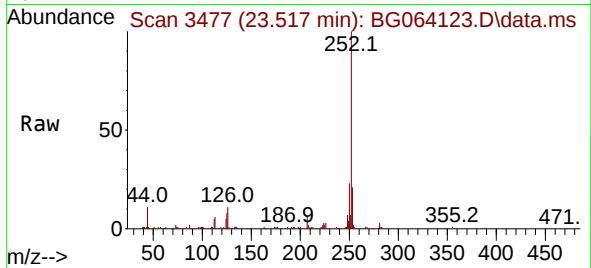
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2025-02

Tgt Ion:252 Resp: 7176
Ion Ratio Lower Upper
252 100
253 20.9 18.2 27.2
125 8.2 7.8 11.6

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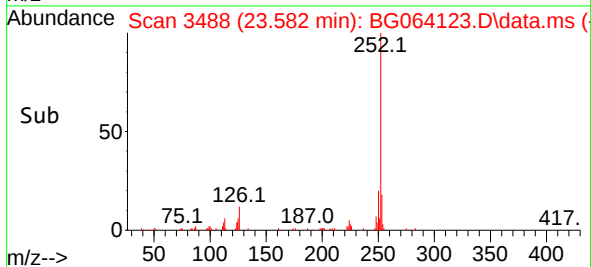
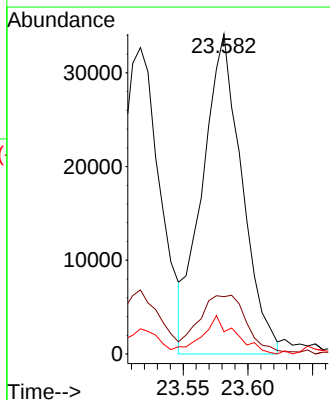
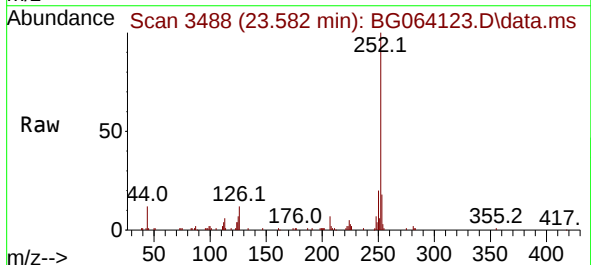
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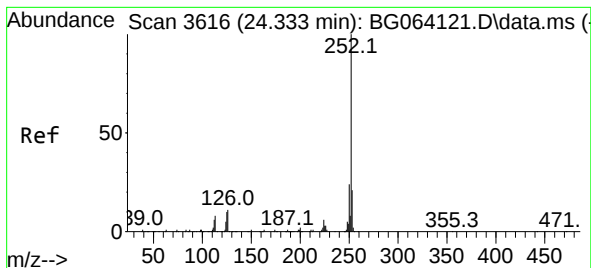
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Supervised By :Jagrut
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#91
Benzo(k)fluoranthene
Concen: 4.879 ng/ul m
RT: 23.582 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BG064123.D
Acq: 21 Mar 2025 9:59

Tgt Ion:252 Resp: 72465
Ion Ratio Lower Upper
252 100
253 17.9 17.7 26.5
125 7.0 7.0 10.4#





#93

Benzo(a)pyrene

Concen: 4.888 ng/ul

RT: 24.334 min Scan# 3616

Delta R.T. 0.006 min

Lab File: BG064123.D

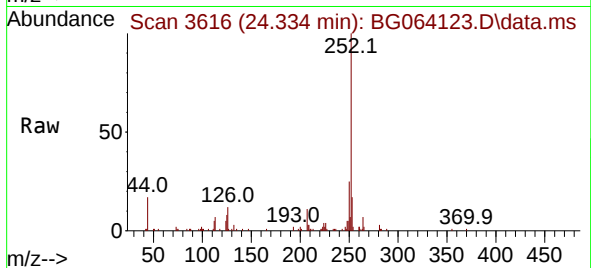
Acq: 21 Mar 2025 9:59

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2025-02



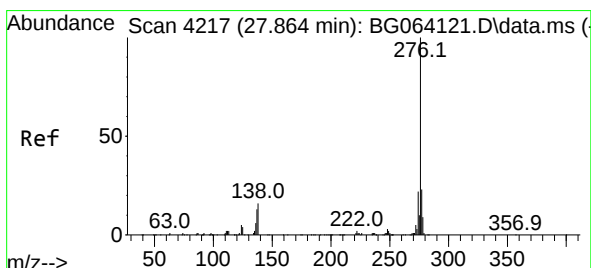
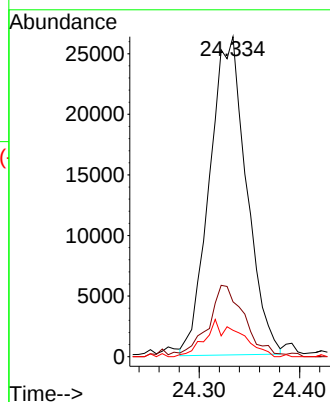
Tgt Ion:	252	Resp:	67194
Ion Ratio	Lower	Upper	
252	100		
253	17.2	16.3	24.5
125	8.3	7.3	10.9

Manual Integrations
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Reviewed By :Rahul
Chavli
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#94

Indeno(1,2,3-cd)pyrene

Concen: 4.809 ng/ul m

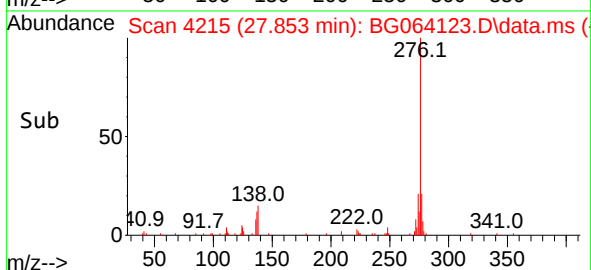
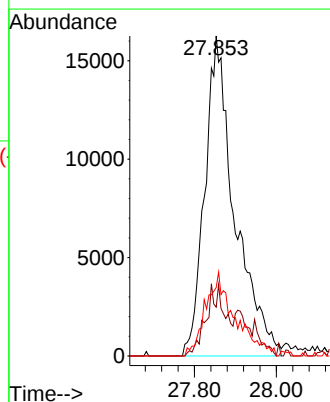
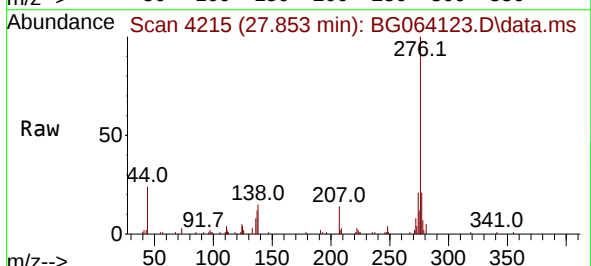
RT: 27.853 min Scan# 4215

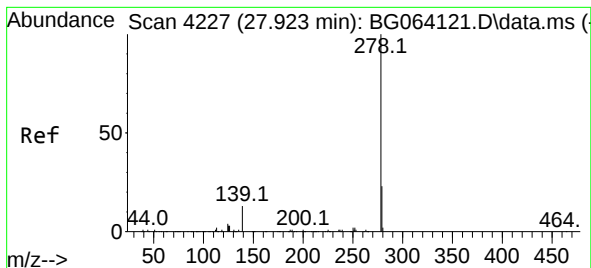
Delta R.T. 0.000 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

Tgt Ion:	276	Resp:	82741
Ion Ratio	Lower	Upper	
276	100		
138	15.3	12.5	18.7
277	21.4	19.4	29.2





#95

Dibenzo(a,h)anthracene

Concen: 4.735 ng/ul

RT: 27.923 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2025-02

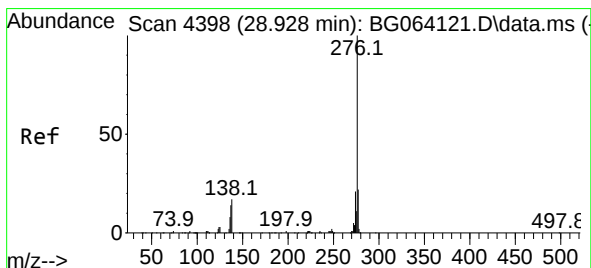
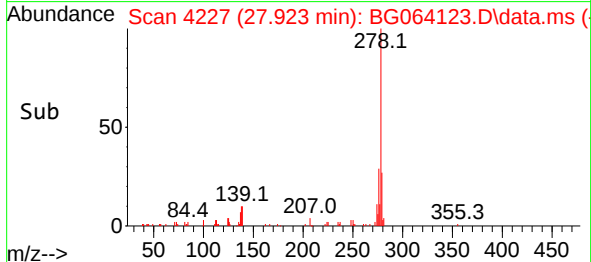
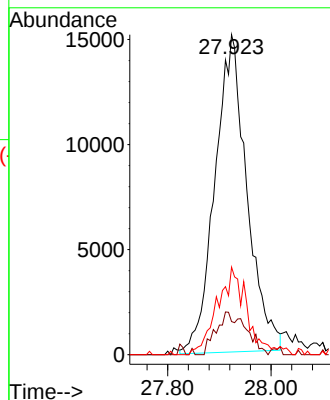
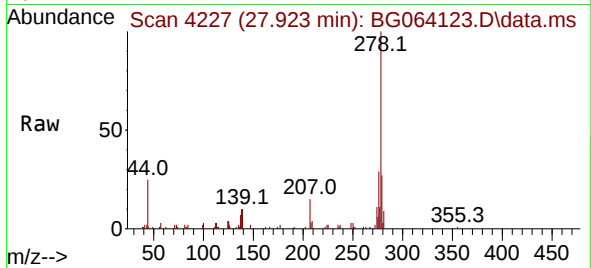
Tgt Ion:	278	Resp:	6490
Ion Ratio	Lower	Upper	
278	100		
139	10.3	10.0	15.0
279	27.4	20.4	30.6

Manual Integrations
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Reviewed By :Rahul
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Supervised By :Jagrut
Upadhyay
03/2
4/2025



#96

Benzo(g,h,i)perylene

Concen: 4.750 ng/ul m

RT: 28.905 min Scan# 4394

Delta R.T. -0.011 min

Lab File: BG064123.D

Acq: 21 Mar 2025 9:59

Tgt Ion:	276	Resp:	63369
Ion Ratio	Lower	Upper	
276	100		
138	22.5	13.4	20.0#
277	21.1	19.1	28.7

