

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052324\
 Data File : BG061270.D
 Acq On : 23 May 2024 13:13
 Operator : MA/JU
 Sample : P2409-06
 Misc : SFAM-MDL-ME-SOIL-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-MED-SOIL-QT2-2024-04

Quant Time: May 24 01:36:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 15:23:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.888	152	27144	20.000	ng/u1	0.00
20) Naphthalene-d8	10.679	136	130758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.521	164	116143	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.265	188	311810	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.519	240	304470	20.000	ng/u1	0.00
88) Perylene-d12	24.604	264	321764	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	2185	4.505	ng/uL	0.00
4) Pyridine-d5	3.746	84	40933	23.722	ng/u1	0.00
7) Phenol-d5	7.065	99	50066	22.460	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.212	67	32233	23.006	ng/u1	0.00
11) 2-Chlorophenol-d4	7.418	132	37814	22.922	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	41882	22.035	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	21840	21.694	ng/u1	0.00
24) 2-Nitrophenol-d4	9.762	143	26237	22.268	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.309	165	48553	21.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.814	131	65921	21.936	ng/u1	0.00
46) Dimethylphthalate-d6	13.928	166	207781	23.067	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	216821	23.153	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	25519	22.915	ng/u1	0.00
60) Fluorene-d10	15.514	176	183744	23.627	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	37950	20.123	ng/u1	0.00
73) Anthracene-d10	17.365	188	284684	20.709	ng/u1	0.00
81) Pyrene-d10	19.657	212	367551	23.511	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.392	264	362629	23.442	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	669	1.149	ng/uL#	90
5) Pyridine	3.763	79	8128	4.762	ng/u1#	67
6) Benzaldehyde	7.024	77	7346	6.303	ng/u1	99
8) Phenol	7.089	94	10974	4.832	ng/u1#	86
10) Bis(2-Chloroethyl)ether	7.306	93	8399	5.056	ng/u1	98
12) 2-Chlorophenol	7.453	128	8321	4.773	ng/u1	89
13) 2-Methylphenol	8.340	108	8811	5.006	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.405	45	22763	5.074	ng/u1	97
16) Acetophenone	8.705	105	17127	5.280	ng/u1	87
17) N-Nitroso-di-n-propyla...	8.687	70	9283	5.205	ng/u1#	95
18) 4-Methylphenol	8.664	108	9595	4.920	ng/u1	96
19) Hexachloroethane	8.963	117	3657	4.714	ng/u1#	78
22) Nitrobenzene	9.081	77	12635	4.576	ng/u1#	96
23) Isophorone	9.610	82	27589	4.912	ng/u1	97
25) 2-Nitrophenol	9.798	139	5780	4.520	ng/u1	96
26) 2,4-Dimethylphenol	9.862	107	6409	2.529	ng/u1	90
27) Bis(2-Chloroethoxy)met...	10.091	93	13546	4.811	ng/u1#	95
29) 2,4-Dichlorophenol	10.332	162	10332	4.884	ng/u1	97
30) Naphthalene	10.732	128	33264	4.820	ng/u1	96
32) 4-Chloroaniline	10.843	127	15266	5.112	ng/u1	97
33) Hexachlorobutadiene	11.014	225	9961	4.817	ng/u1	89
34) Caprolactam	11.613	113	4507	5.568	ng/u1	97
35) 4-Chloro-3-methylphenol	11.983	107	12482	4.564	ng/u1#	84
36) 2-Methylnaphthalene	12.336	142	24802	4.955	ng/u1	91

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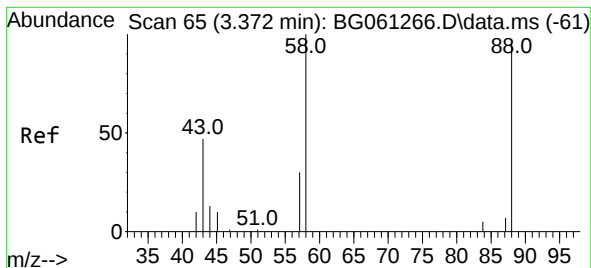
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Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.559	142	26976	5.252	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.712	216	18859	4.918	ng/ul#	95
40) Hexachlorocyclopentadiene	12.688	237	7124	4.116	ng/ul#	93
41) 2,4,6-Trichlorophenol	12.959	196	9918	4.592	ng/ul	99
42) 2,4,5-Trichlorophenol	13.035	196	10300	4.528	ng/ul	98
43) 1,1'-Biphenyl	13.352	154	37561	5.001	ng/ul	97
44) 2-Chloronaphthalene	13.393	162	29301	4.958	ng/ul	98
45) 2-Nitroaniline	13.599	65	11363	4.658	ng/ul	96
47) Dimethylphthalate	13.969	163	46467	4.949	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	8912	4.840	ng/ul	95
50) Acenaphthylene	14.239	152	51354	4.945	ng/ul	98
51) 3-Nitroaniline	14.422	138	8275	5.179	ng/ul	99
52) Acenaphthene	14.580	153	34004	4.992	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	4631m	4.743	ng/ul	
55) 4-Nitrophenol	14.756	109	6272	4.790	ng/ul	95
56) Dibenzofuran	14.915	168	49600	5.092	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	13458	4.804	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.162	232	9442	4.552	ng/ul#	90
59) Diethylphthalate	15.338	149	46554	5.021	ng/ul	98
61) Fluorene	15.567	166	44037	5.225	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.561	204	25685	5.197	ng/ul	94
63) 4-Nitroaniline	15.585	138	8317	4.998	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.661	198	10078	5.099	ng/ul#	86
67) N-Nitrosodiphenylamine	15.773	169	39304	5.015	ng/ul	95
68) 4-Bromophenyl-phenylether	16.454	248	18643	5.046	ng/ul	94
69) Hexachlorobenzene	16.578	284	20231	4.926	ng/ul	98
70) Atrazine	16.725	200	17851	5.756	ng/ul	95
71) Pentachlorophenol	16.936	266	6638	4.644	ng/ul#	88
72) Phenanthrene	17.306	178	74717	4.937	ng/ul	98
74) Anthracene	17.400	178	70653	4.515	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.317	216	18595	4.512	ng/ul	94
76) Pentachlorobenzene	14.845	250	23456	5.147	ng/ul	88
77) Carbazole	17.671	167	64202	5.044	ng/ul	98
78) Di-n-butylphthalate	18.229	149	77667	4.870	ng/ul	99
80) Fluoranthene	19.322	202	96188	5.129	ng/ul	99
82) Pyrene	19.686	202	99011	5.086	ng/ul	99
83) Butylbenzylphthalate	20.573	149	33217	4.967	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.413	252	27317	4.227	ng/ul#	96
85) Benzo(a)anthracene	21.496	228	103310	4.918	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	49720	5.023	ng/ul#	98
87) Chrysene	21.560	228	95879	4.956	ng/ul	98
89) Di-n-octyl phthalate	22.577	149	85517	5.312	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	102028	5.326	ng/ul	99
91) Benzo(k)fluoranthene	23.687	252	96776	4.976	ng/ul	97
93) Benzo(a)pyrene	24.457	252	92872	5.105	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.094	276	113177	5.145	ng/ul	98
95) Dibenzo(a,h)anthracene	28.141	278	91080	5.021	ng/ul	97
96) Benzo(g,h,i)perylene	29.181	276	91391	5.222	ng/ul	98

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



#2

1,4-Dioxane

Concen: 1.149 ng/uL

RT: 3.376 min Scan# 60

Delta R.T. 0.005 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion: 88 Resp: 669

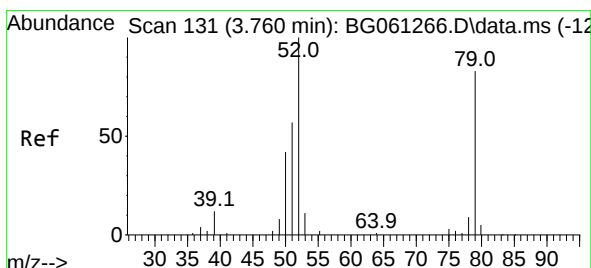
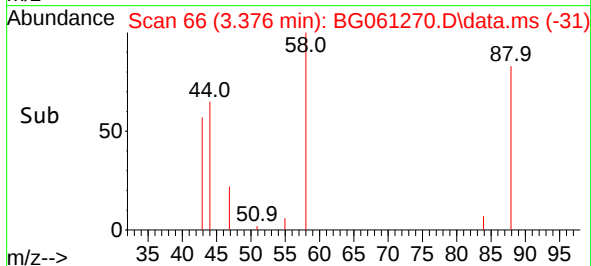
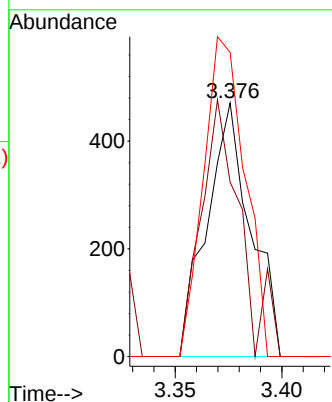
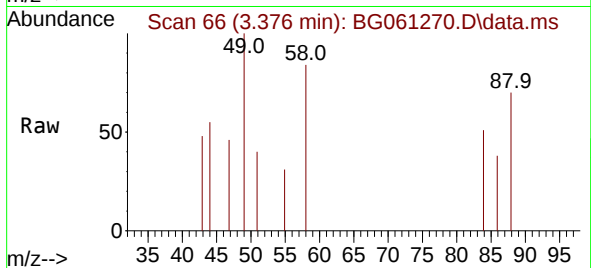
Ion	Ratio	Lower	Upper
88	100		
43	68.8	44.6	67.0
58	120.0	90.3	135.5

Manual Integrations

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#5

Pyridine

Concen: 4.762 ng/uL

RT: 3.763 min Scan# 132

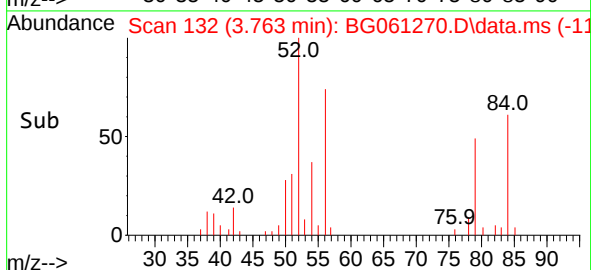
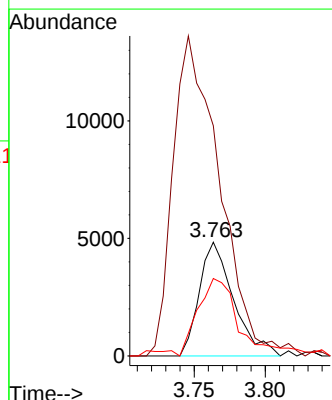
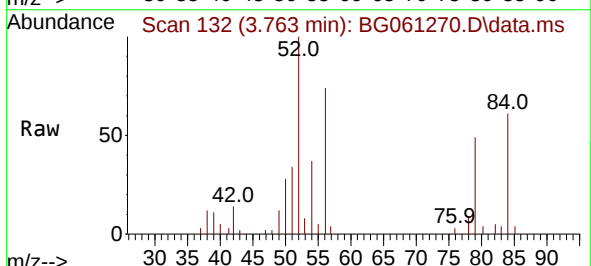
Delta R.T. -0.001 min

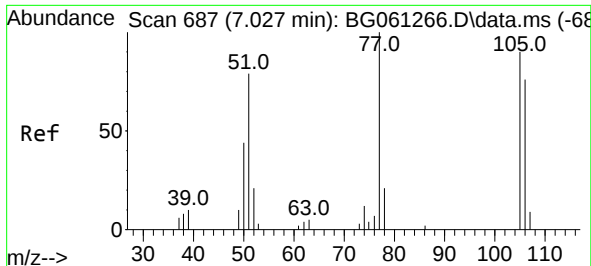
Lab File: BG061270.D

Acq: 23 May 2024 13:13

Tgt Ion: 79 Resp: 8128

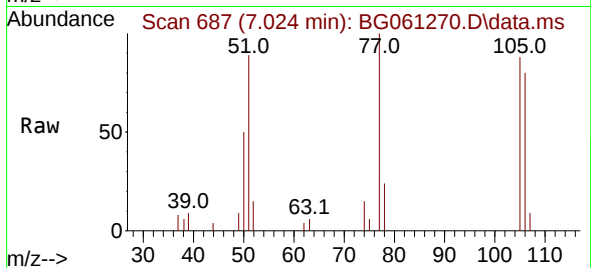
Ion	Ratio	Lower	Upper
79	100		
52	202.4	116.3	174.5
51	68.1	52.1	78.1





#6
Benzaldehyde
Concen: 6.303 ng/ul
RT: 7.024 min Scan# 687
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

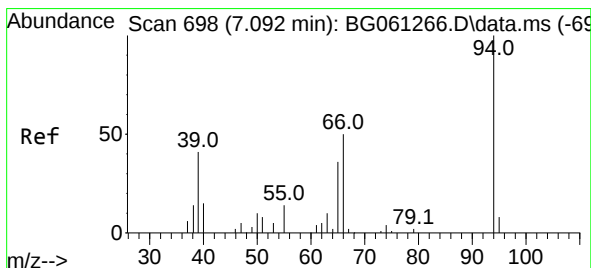
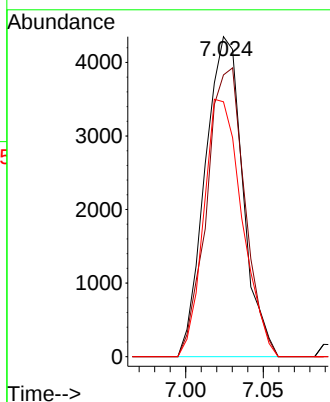
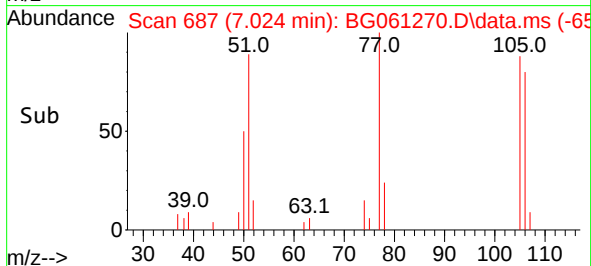
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 77 Resp: 7340
Ion Ratio Lower Upper
77 100
105 88.1 71.0 106.6
106 79.6 63.4 95.2

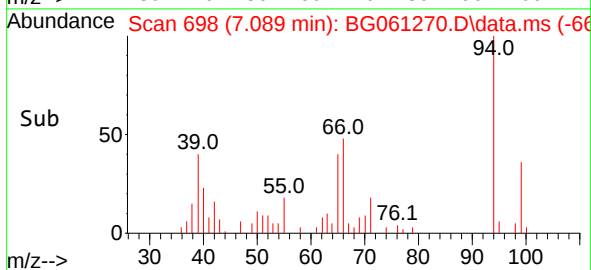
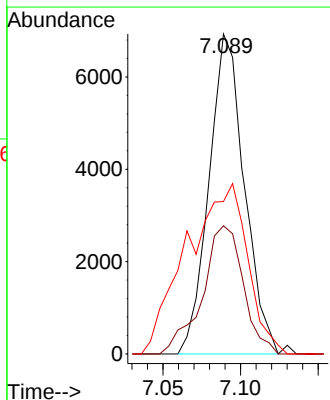
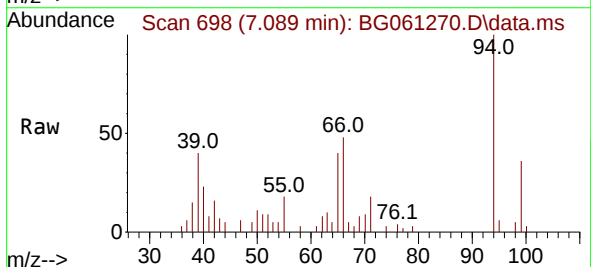
Manual Integrations
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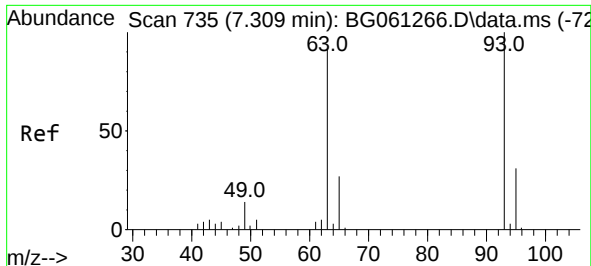
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#8
Phenol
Concen: 4.832 ng/ul
RT: 7.089 min Scan# 698
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

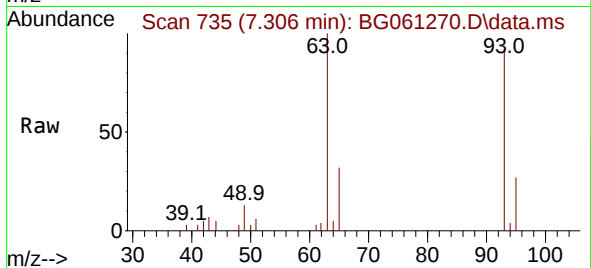
Tgt Ion: 94 Resp: 10974
Ion Ratio Lower Upper
94 100
65 40.1 35.0 52.4
66 47.6 50.3 75.5#





#10
Bis(2-Chloroethyl)ether
Concen: 5.056 ng/ul
RT: 7.306 min Scan# 71
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

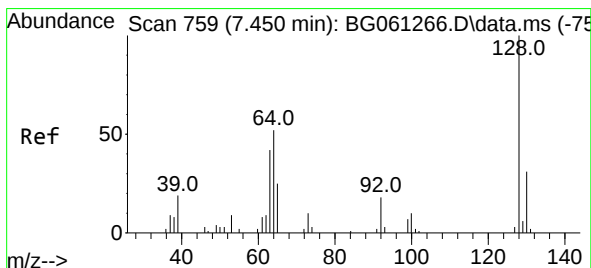
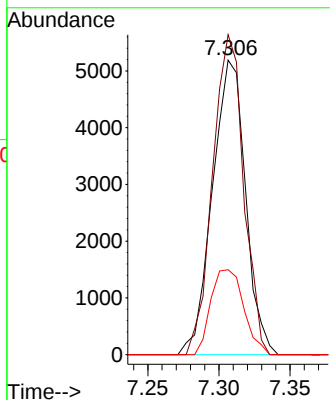
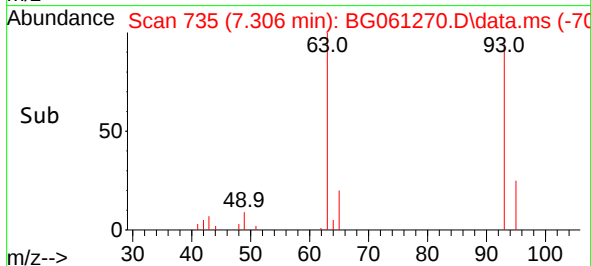
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



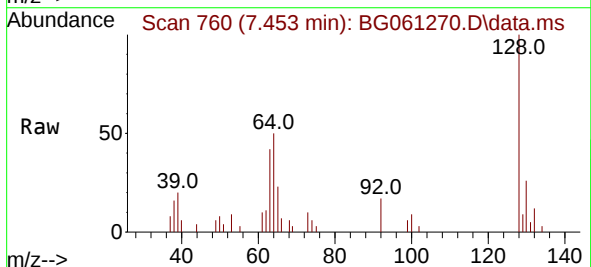
Tgt Ion: 93 Resp: 8399
Ion Ratio Lower Upper
93 100
63 108.7 86.2 129.2
95 28.9 25.8 38.8

Manual Integrations
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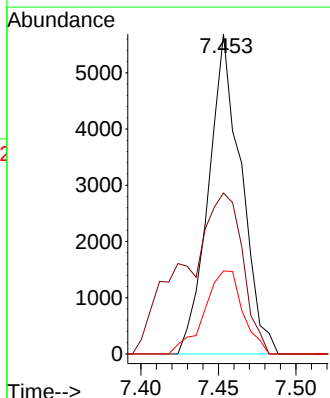
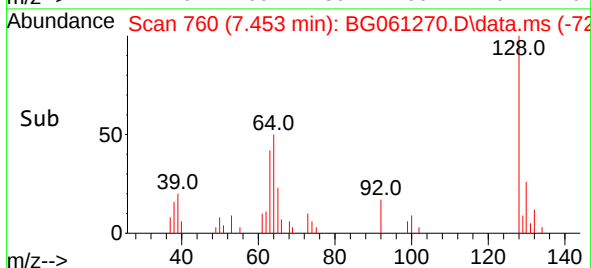
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

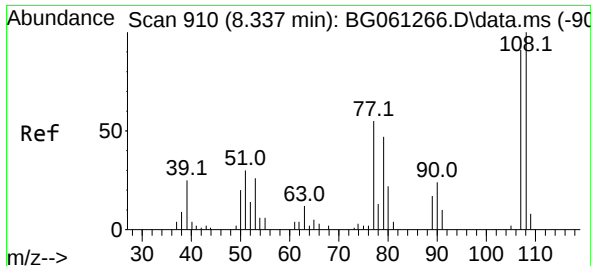


#12
2-Chlorophenol
Concen: 4.773 ng/ul
RT: 7.453 min Scan# 760
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



Tgt Ion:128 Resp: 8321
Ion Ratio Lower Upper
128 100
64 50.3 46.9 70.3
130 26.0 25.8 38.8





#13

2-Methylphenol

Concen: 5.006 ng/ul

RT: 8.340 min Scan# 911

Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion:108 Resp: 881

Ion Ratio Lower Upper

108 100

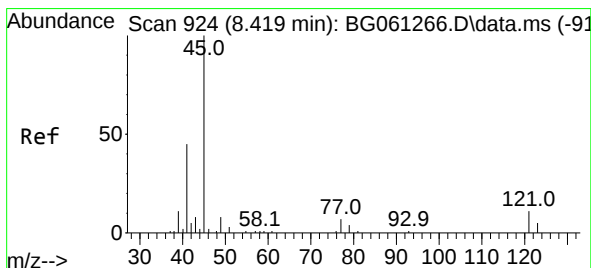
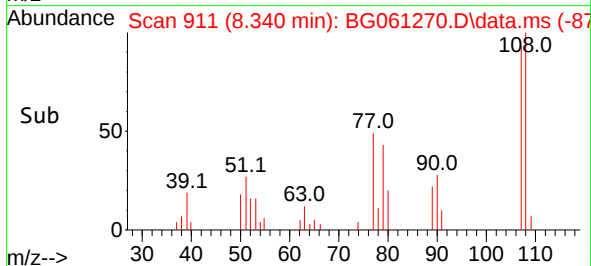
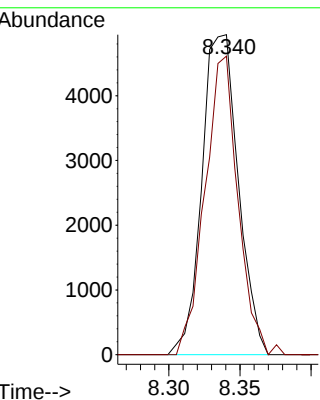
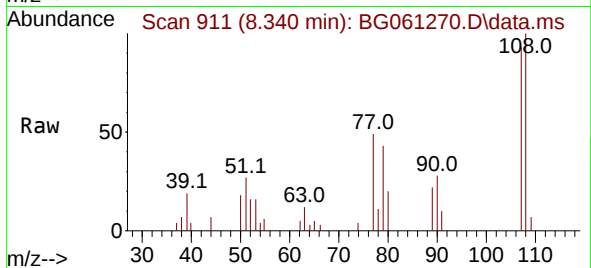
107 93.3 69.5 104.3

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 05/25/2024



#14

2,2'-oxybis(1-Chloropropane)

Concen: 5.074 ng/ul

RT: 8.405 min Scan# 922

Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

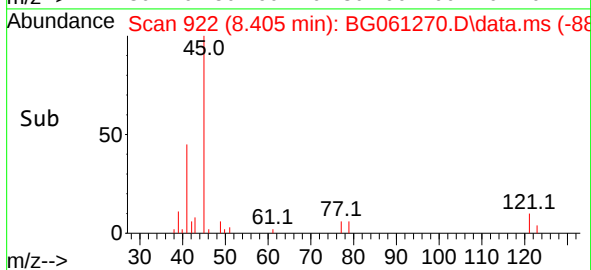
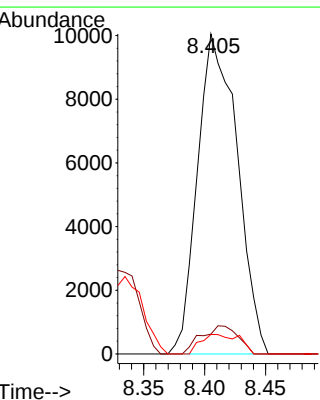
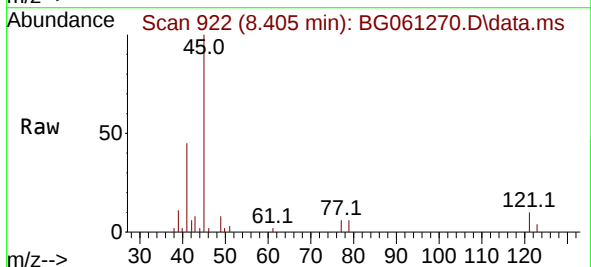
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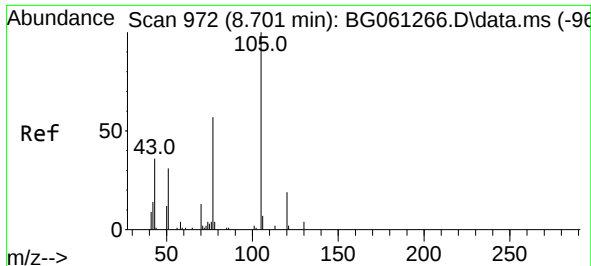
Ion Ratio Lower Upper

45 100

77 6.2 6.2 9.2

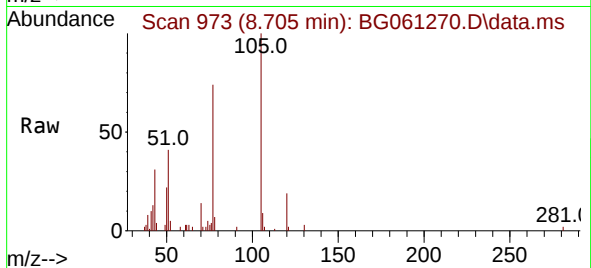
79 6.1 4.6 7.0





#16
Acetophenone
Concen: 5.280 ng/ul
RT: 8.705 min Scan# 91
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

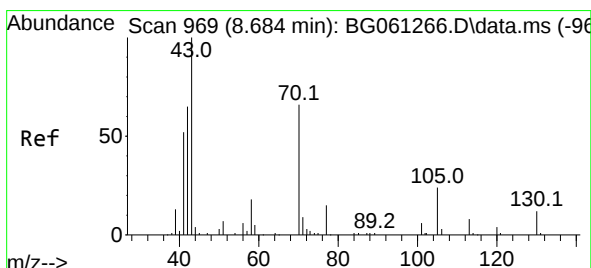
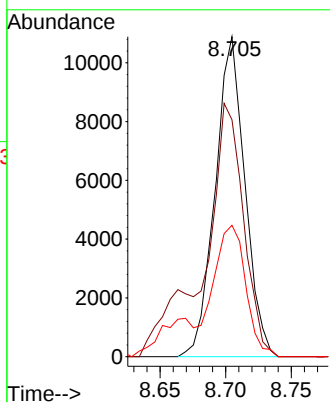
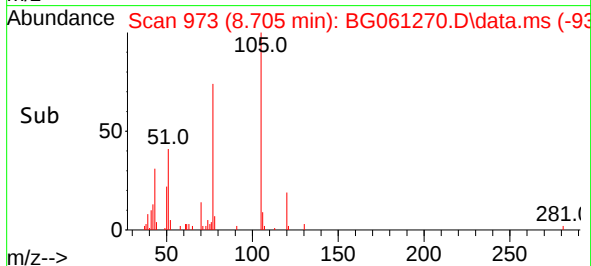
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



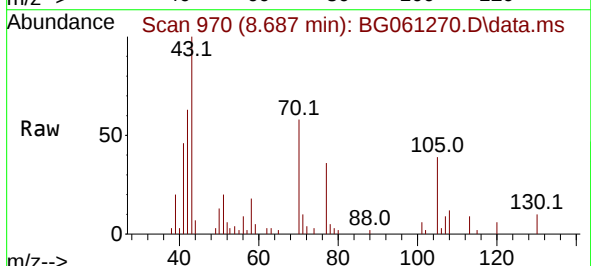
Tgt Ion: 105 Resp: 1712
Ion Ratio Lower Upper
105 100
77 74.1 70.4 105.6
51 41.0 38.4 57.6

Manual Integrations
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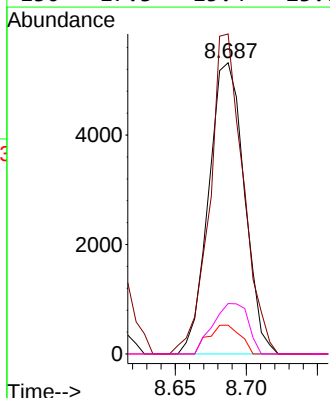
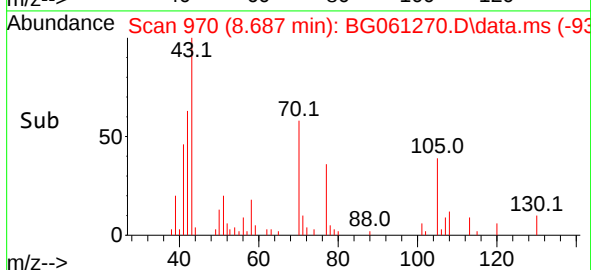
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

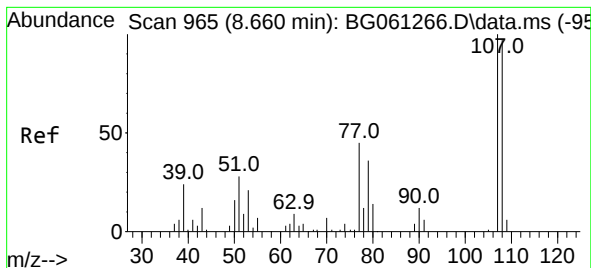


#17
N-Nitroso-di-n-propylamine
Concen: 5.205 ng/ul
RT: 8.687 min Scan# 970
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



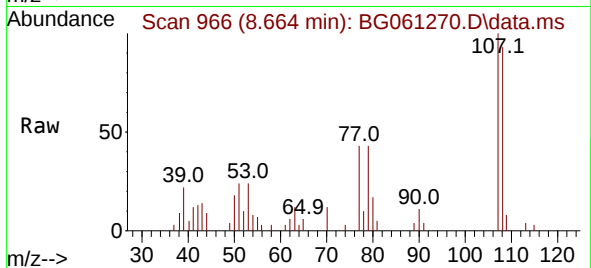
Tgt Ion: 70 Resp: 9283
Ion Ratio Lower Upper
70 100
42 109.9 83.2 124.8
101 9.9 6.6 9.8#
130 17.3 15.4 23.0





#18
4-Methylphenol
Concen: 4.920 ng/ul
RT: 8.664 min Scan# 90
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

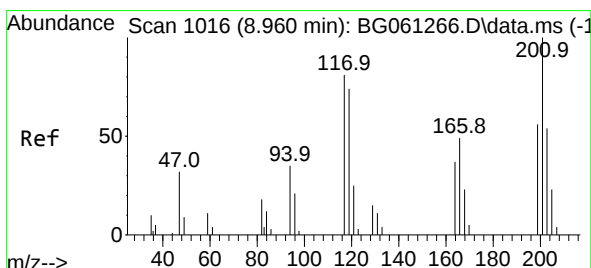
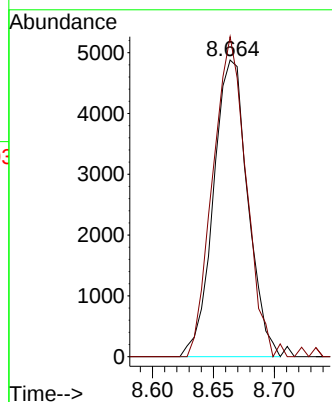
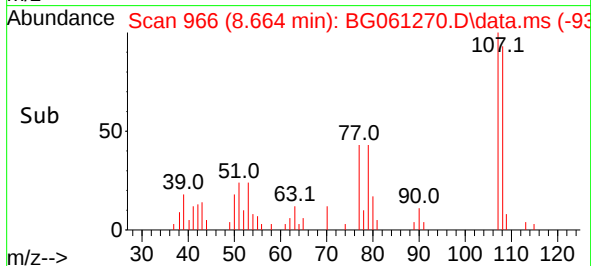
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



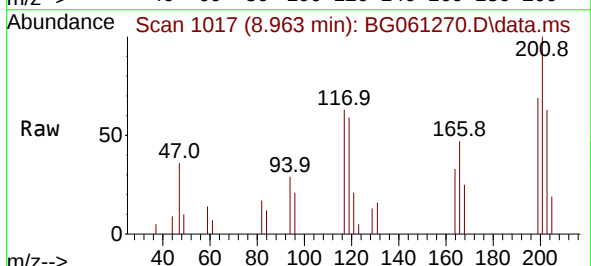
Tgt Ion:108 Resp: 959
Ion Ratio Lower Upper
108 100
107 107.9 89.3 133.9

Manual Integrations
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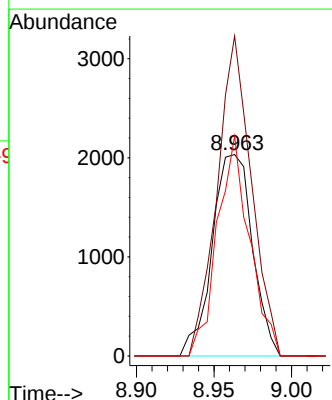
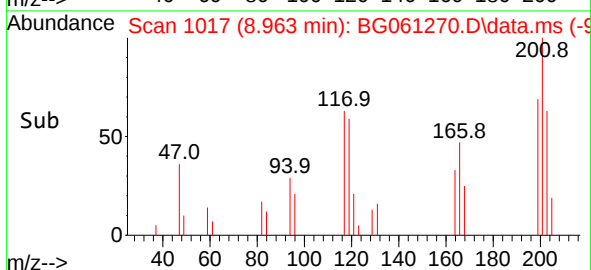
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

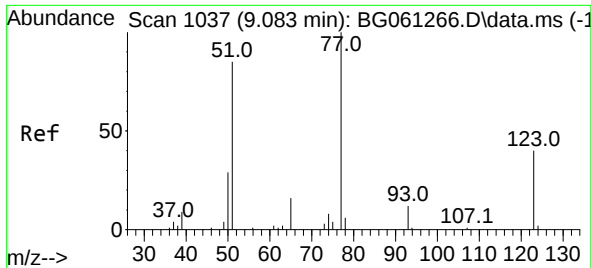


#19
Hexachloroethane
Concen: 4.714 ng/ul
RT: 8.963 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



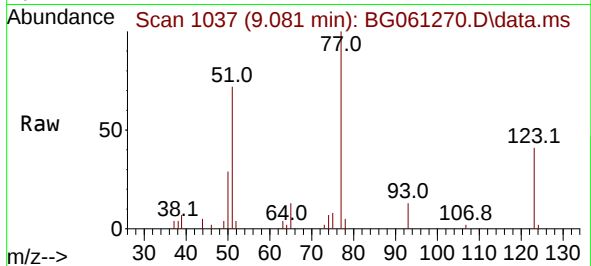
Tgt Ion:117 Resp: 3657
Ion Ratio Lower Upper
117 100
201 158.9 110.8 166.2
199 109.2 65.1 97.7#





#22
Nitrobenzene
Concen: 4.576 ng/ul
RT: 9.081 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

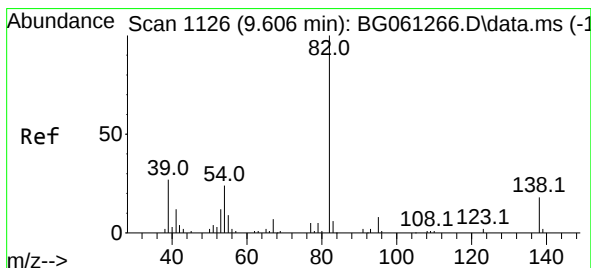
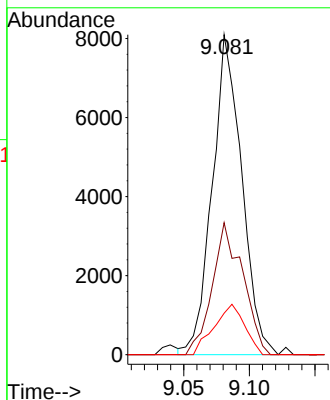
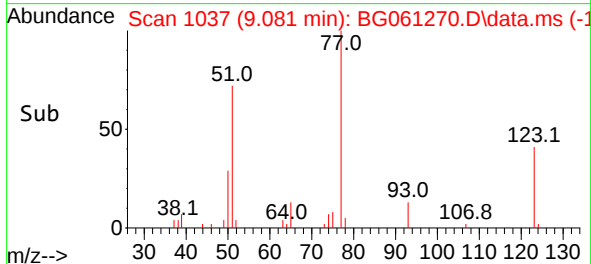
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion: 77 Resp: 12638
Ion Ratio Lower Upper
77 100
123 41.2 32.7 49.1
65 13.0 14.2 21.2

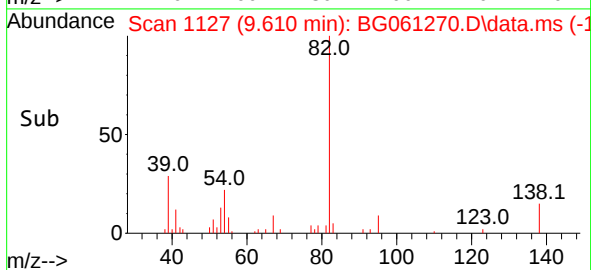
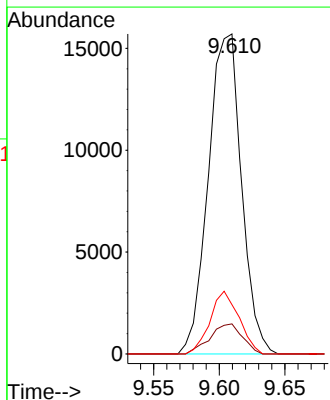
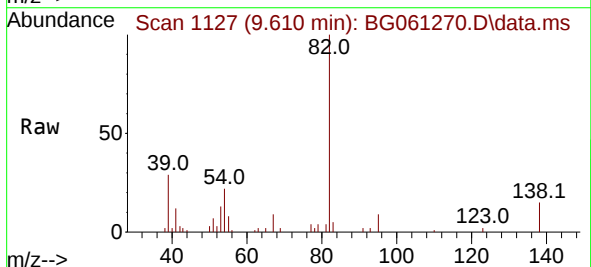
Manual Integrations
APPROVED

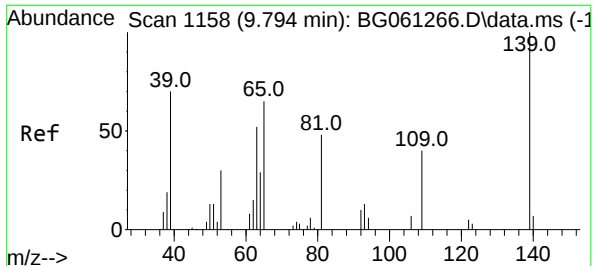
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#23
Isophorone
Concen: 4.912 ng/ul
RT: 9.610 min Scan# 1127
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

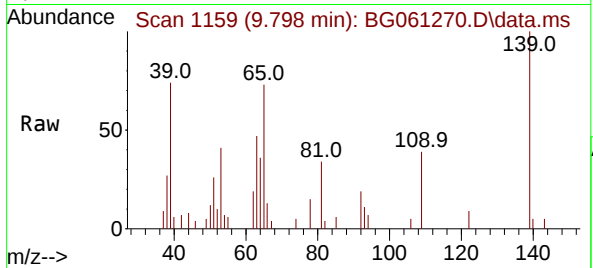
Tgt Ion: 82 Resp: 27589
Ion Ratio Lower Upper
82 100
95 9.4 6.9 10.3
138 15.4 13.5 20.3





#25
2-Nitrophenol
Concen: 4.520 ng/ul
RT: 9.798 min Scan# 1158
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

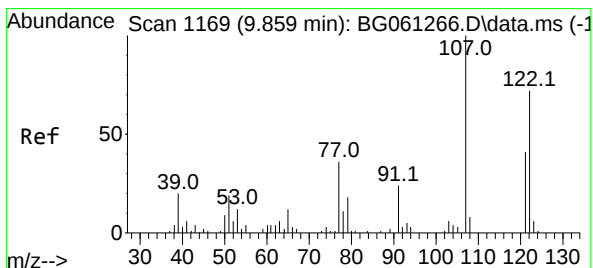
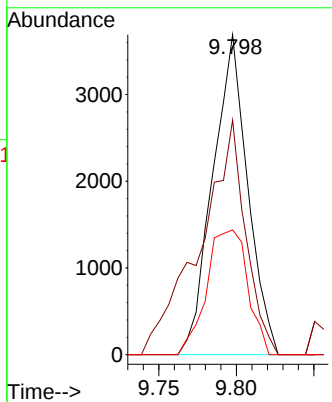
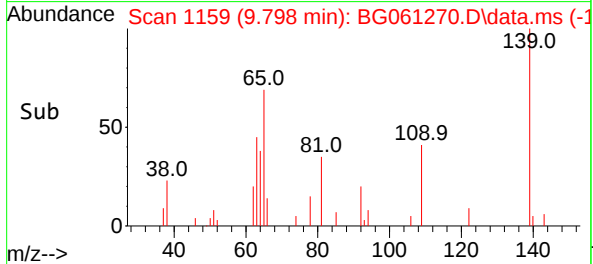
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:139 Resp: 5780
Ion Ratio Lower Upper
139 100
65 73.3 56.1 84.1
109 39.0 33.8 50.6

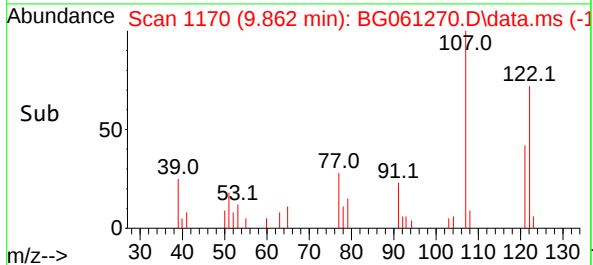
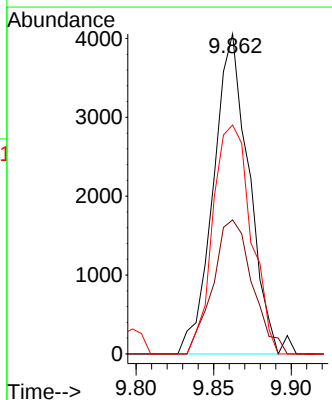
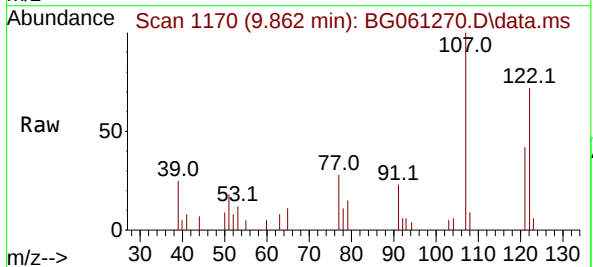
Manual Integrations
APPROVED

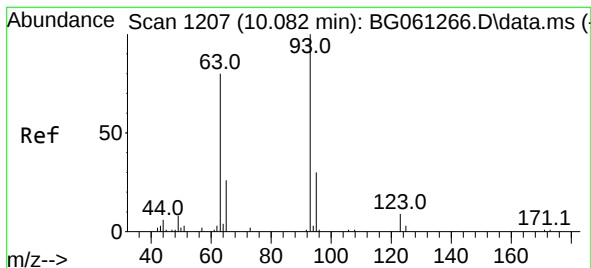
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#26
2,4-Dimethylphenol
Concen: 2.529 ng/ul
RT: 9.862 min Scan# 1170
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

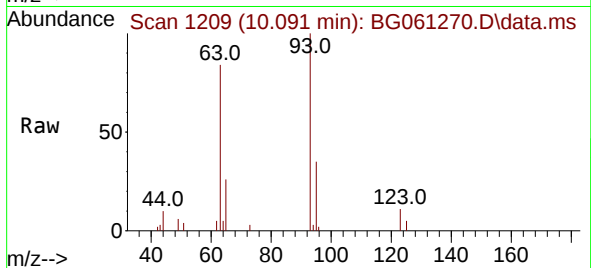
Tgt Ion:107 Resp: 6409
Ion Ratio Lower Upper
107 100
121 41.9 36.4 54.6
122 71.6 65.8 98.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.811 ng/ul
RT: 10.091 min Scan# 1209
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

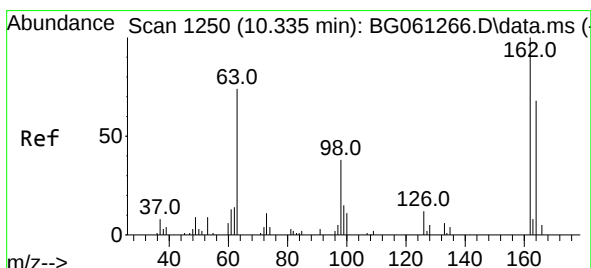
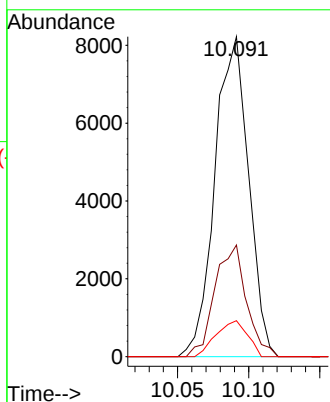
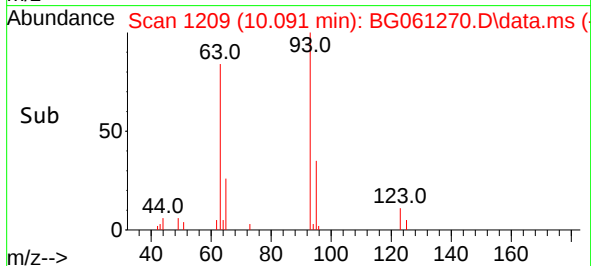
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



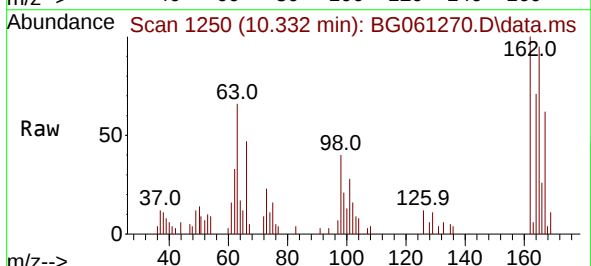
Tgt Ion: 93 Resp: 13540
Ion Ratio Lower Upper
93 100
95 34.9 25.8 38.8
123 11.3 7.2 10.8

Manual Integrations
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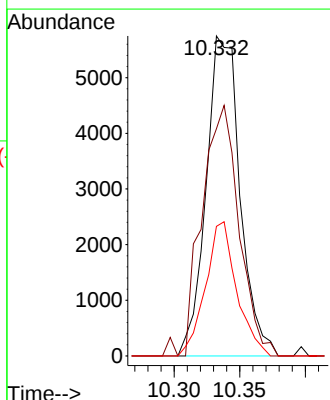
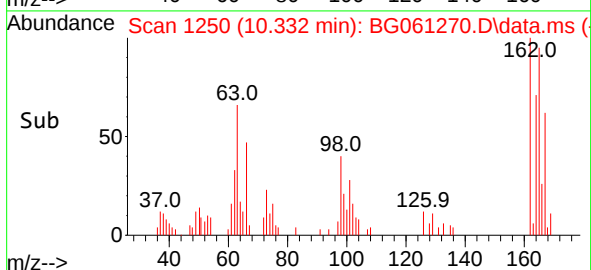
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

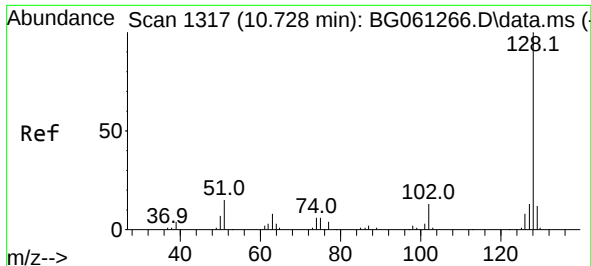


#29
2,4-Dichlorophenol
Concen: 4.884 ng/ul
RT: 10.332 min Scan# 1250
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



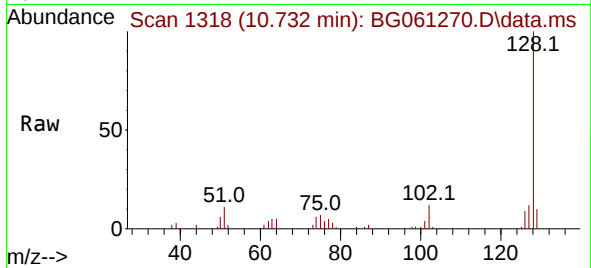
Tgt Ion:162 Resp: 10332
Ion Ratio Lower Upper
162 100
164 71.0 58.4 87.6
98 40.5 29.9 44.9





#30
Naphthalene
Concen: 4.820 ng/ul
RT: 10.732 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

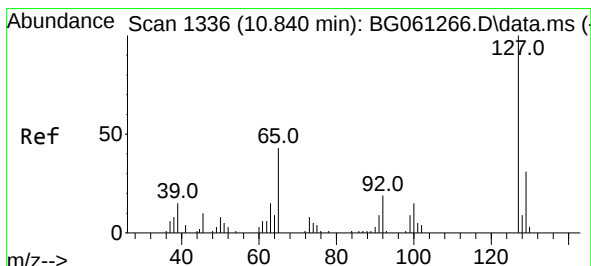
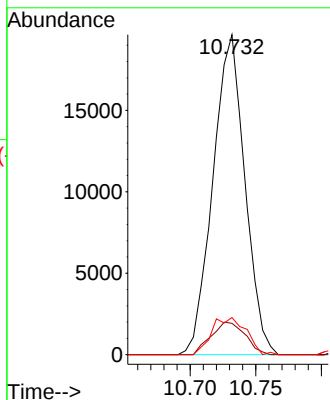
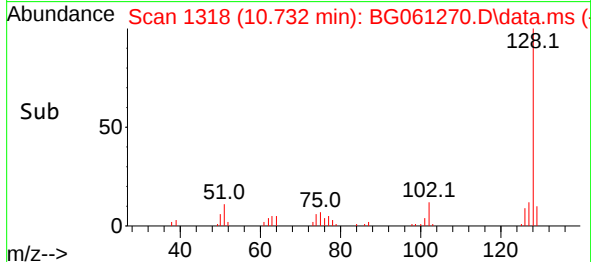
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



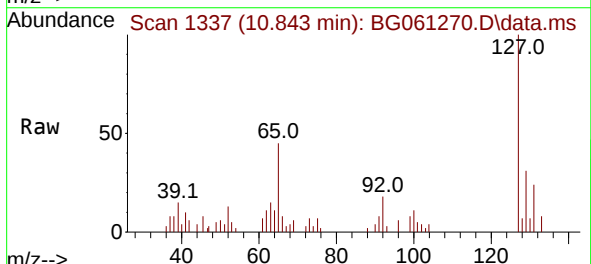
Tgt Ion:128 Resp: 33264
Ion Ratio Lower Upper
128 100
129 9.8 8.6 12.8
127 11.6 10.8 16.2

Manual Integrations
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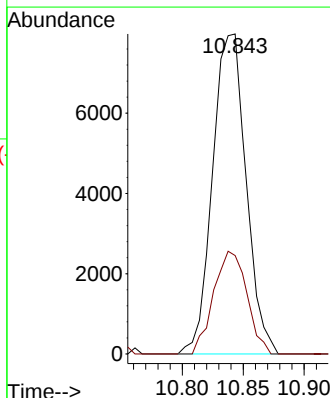
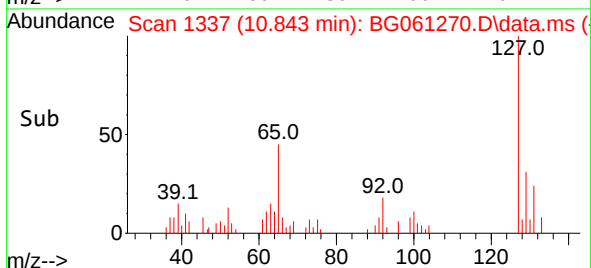
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

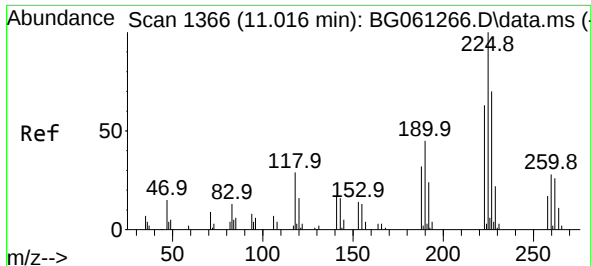


#32
4-Chloroaniline
Concen: 5.112 ng/ul
RT: 10.843 min Scan# 1337
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



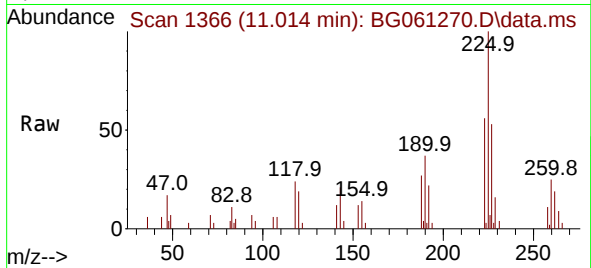
Tgt Ion:127 Resp: 15266
Ion Ratio Lower Upper
127 100
129 30.7 25.9 38.9





#33
Hexachlorobutadiene
Concen: 4.817 ng/ul
RT: 11.014 min Scan# 1101
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

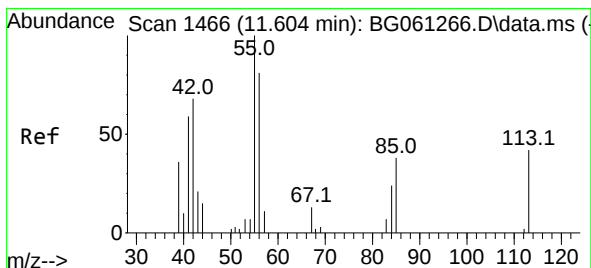
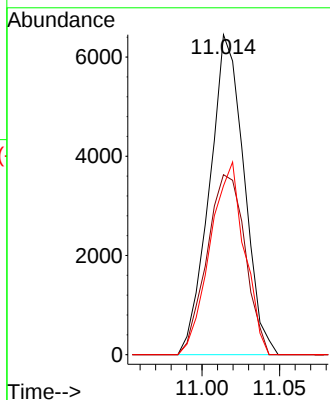
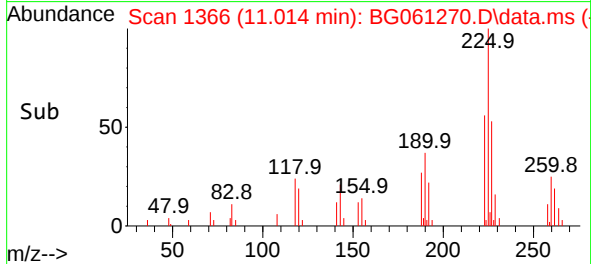
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:225 Resp: 996
Ion Ratio Lower Upper
225 100
223 59.4 53.8 80.8
227 52.7 50.2 75.2

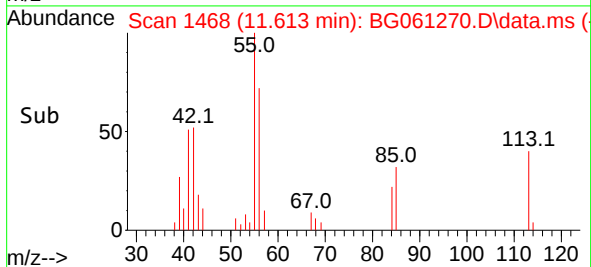
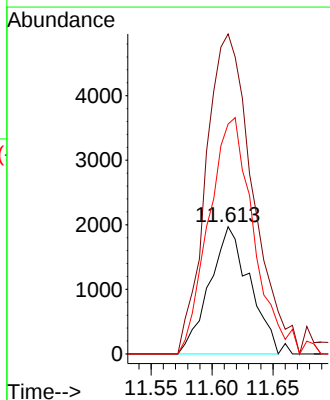
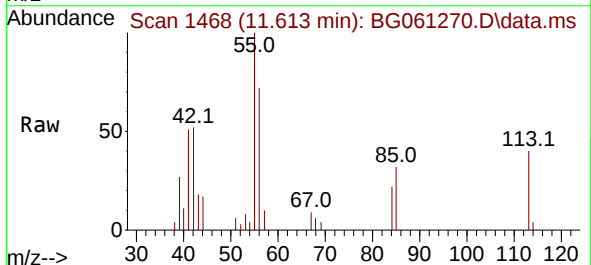
Manual Integrations
APPROVED

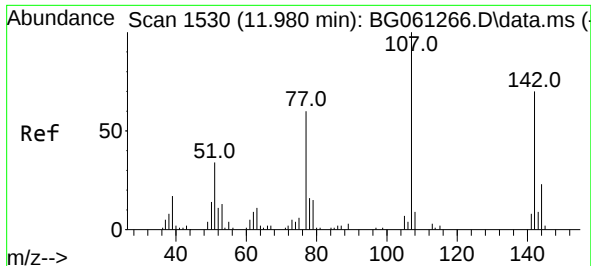
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#34
Caprolactam
Concen: 5.568 ng/ul
RT: 11.613 min Scan# 1468
Delta R.T. 0.017 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

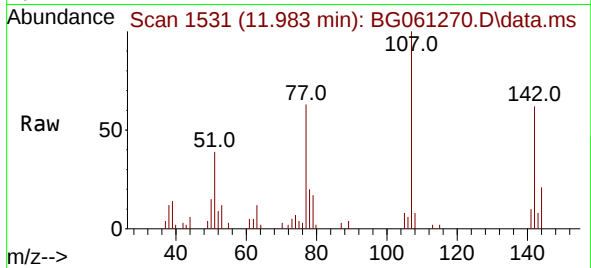
Tgt Ion:113 Resp: 4507
Ion Ratio Lower Upper
113 100
55 251.7 199.0 298.4
56 180.9 150.6 226.0





#35
4-Chloro-3-methylphenol
Concen: 4.564 ng/ul
RT: 11.983 min Scan# 1531
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

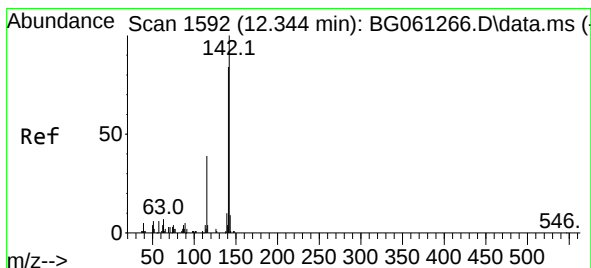
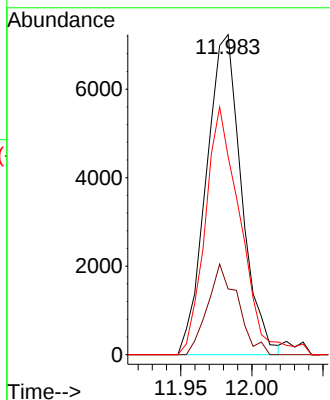
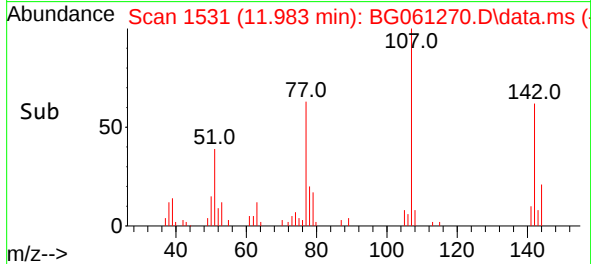
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:107 Resp: 1248
Ion Ratio Lower Upper
107 100
144 20.5 21.2 31.8
142 61.9 61.6 92.4

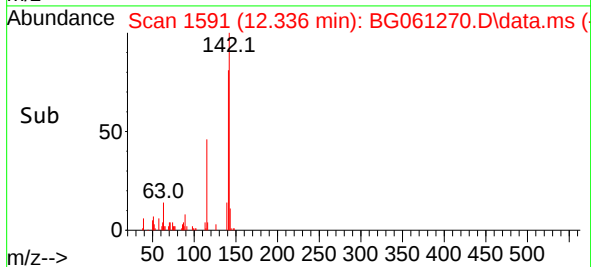
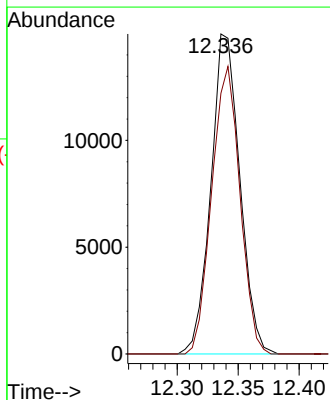
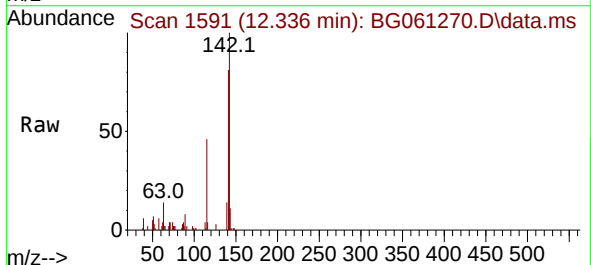
Manual Integrations
APPROVED

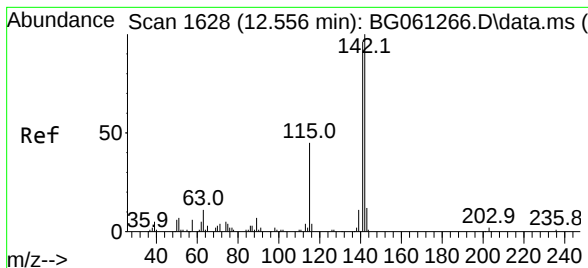
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#36
2-Methylnaphthalene
Concen: 4.955 ng/ul
RT: 12.336 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

Tgt Ion:142 Resp: 24802
Ion Ratio Lower Upper
142 100
141 81.5 72.2 108.2





#37

1-Methylnaphthalene

Concen: 5.252 ng/ul

RT: 12.559 min Scan# 1628

Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

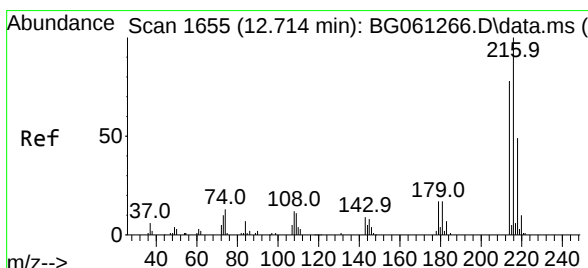
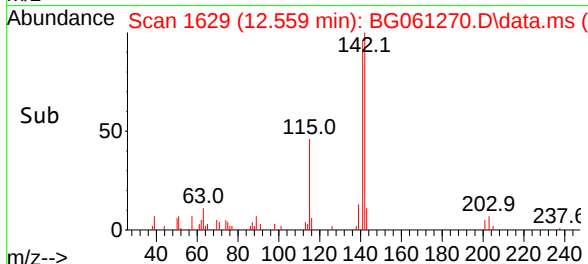
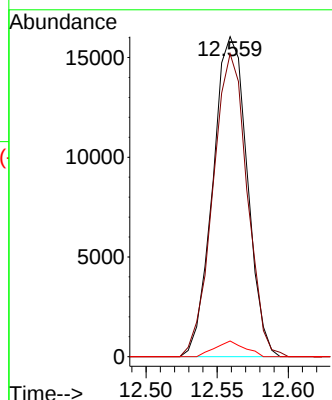
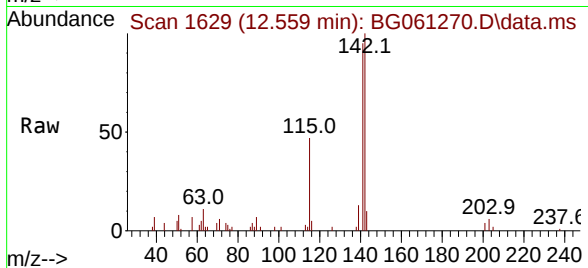
ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

Tgt Ion:142 Resp: 26970
 Ion Ratio Lower Upper
 142 100
 141 94.6 75.5 113.3
 116 4.9 4.0 6.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.918 ng/ul

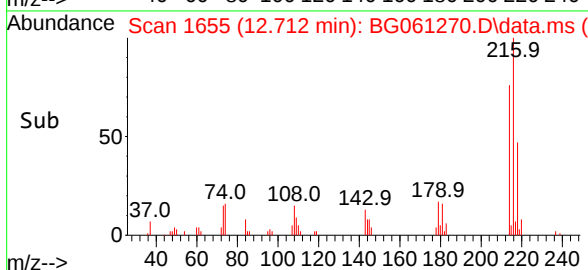
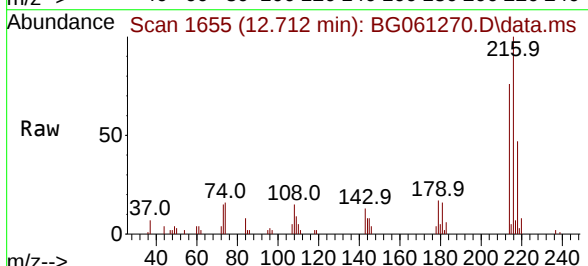
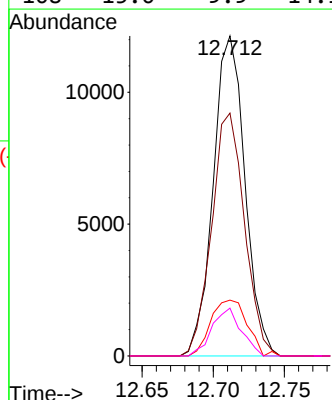
RT: 12.712 min Scan# 1655

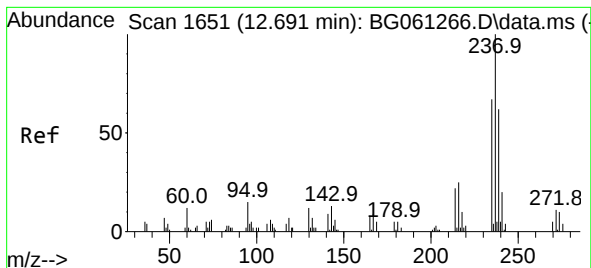
Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Tgt Ion:216 Resp: 18859
 Ion Ratio Lower Upper
 216 100
 214 75.9 64.5 96.7
 179 17.5 16.0 24.0
 108 15.0 9.9 14.9#





#40

Hexachlorocyclopentadiene

Concen: 4.116 ng/ul

RT: 12.688 min Scan# 1651

Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

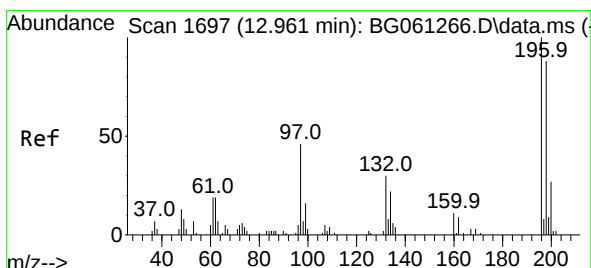
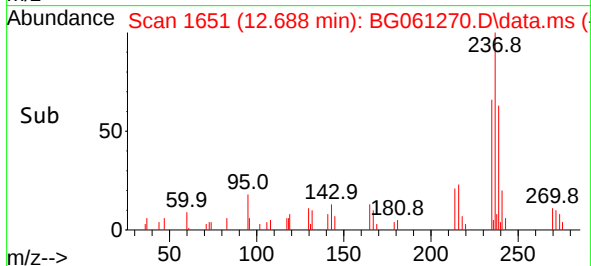
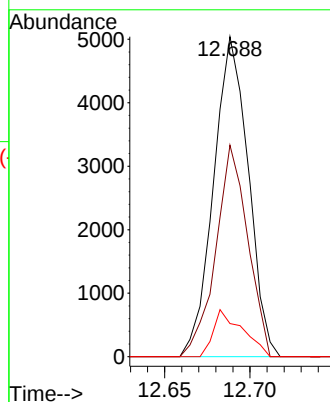
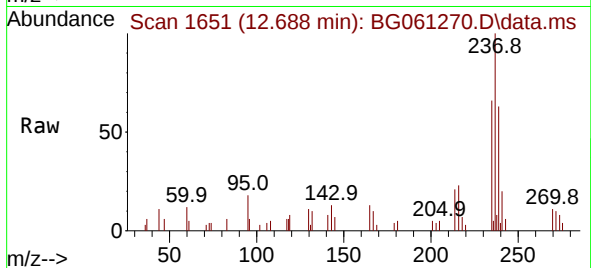
Tgt Ion:237	Resp:	7124
Ion Ratio	Lower	Upper
237 100		
235 61.1	45.4	68.2
272 9.6	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#41

2,4,6-Trichlorophenol

Concen: 4.592 ng/ul

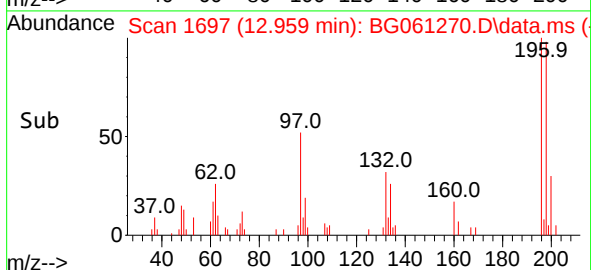
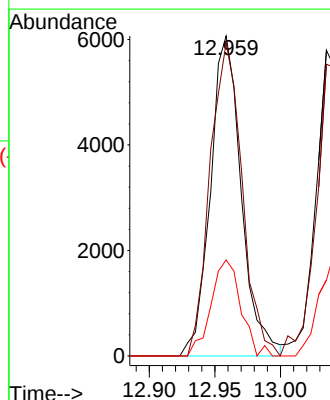
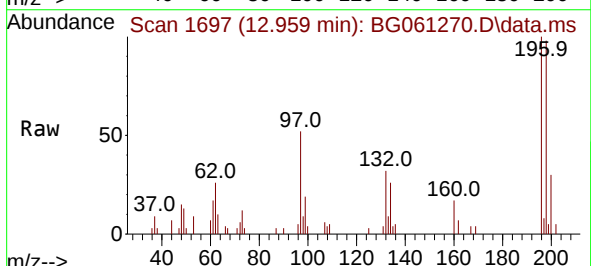
RT: 12.959 min Scan# 1697

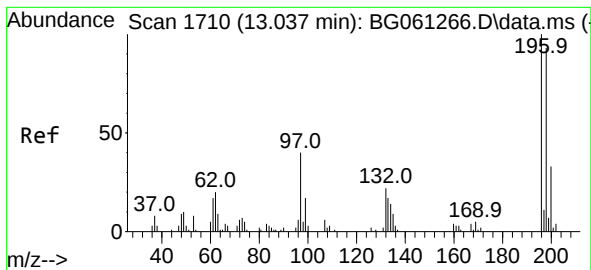
Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

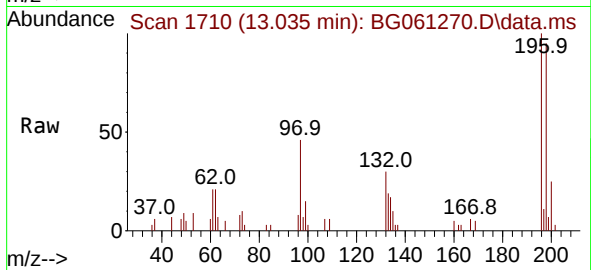
Tgt Ion:196	Resp:	9918
Ion Ratio	Lower	Upper
196 100		
198 97.9	78.5	117.7
200 30.0	26.1	39.1





#42
2,4,5-Trichlorophenol
Concen: 4.528 ng/ul
RT: 13.035 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

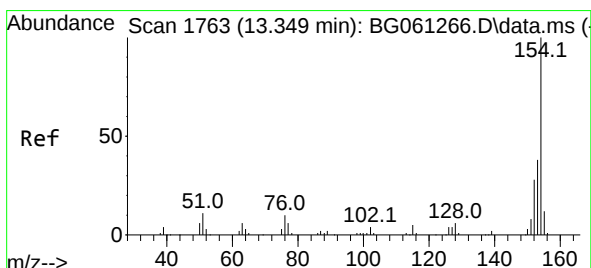
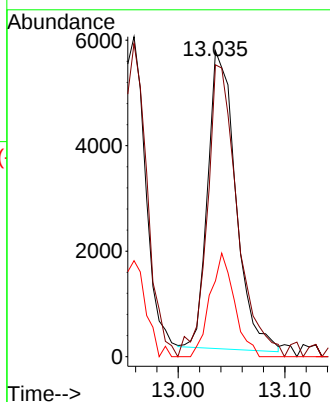
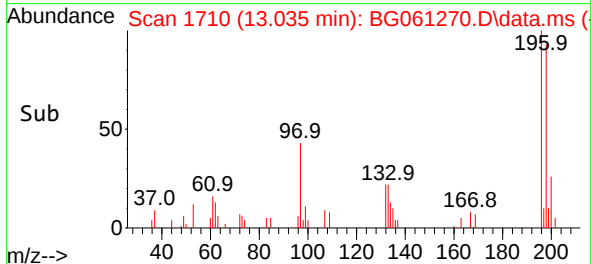
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:196 Resp: 10300
Ion Ratio Lower Upper
196 100
198 95.4 77.4 116.2
200 24.8 21.0 31.6

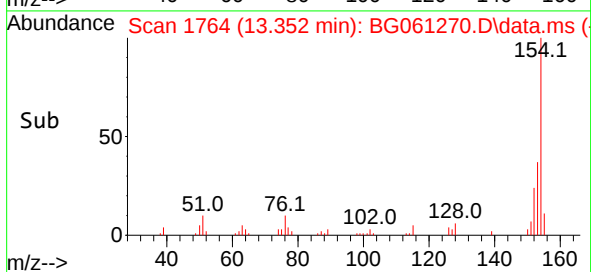
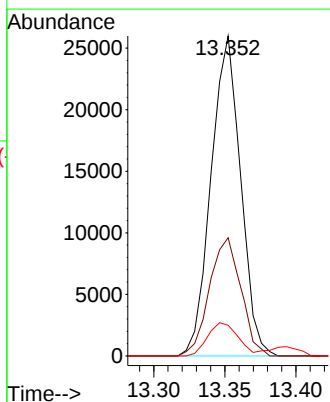
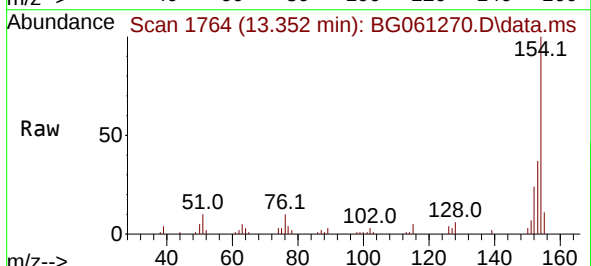
Manual Integrations
APPROVED

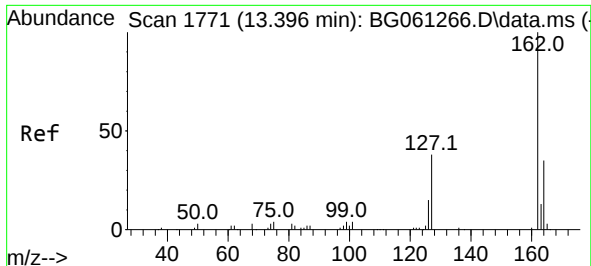
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#43
1,1'-Biphenyl
Concen: 5.001 ng/ul
RT: 13.352 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

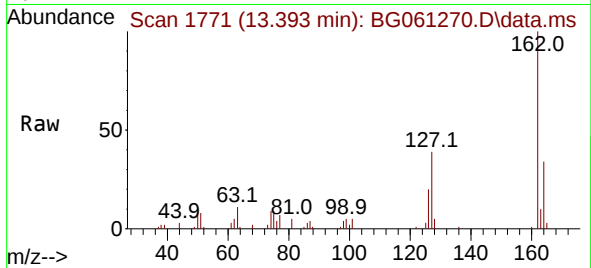
Tgt Ion:154 Resp: 37561
Ion Ratio Lower Upper
154 100
153 36.9 31.2 46.8
76 9.6 8.5 12.7





#44
2-Chloronaphthalene
Concen: 4.958 ng/ul
RT: 13.393 min Scan# 1771
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

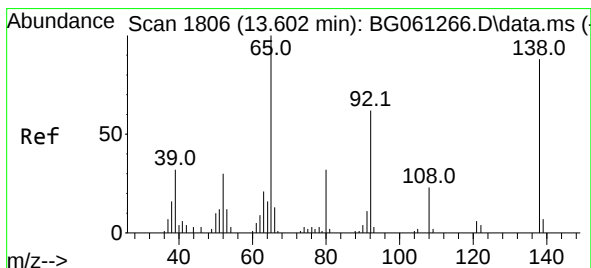
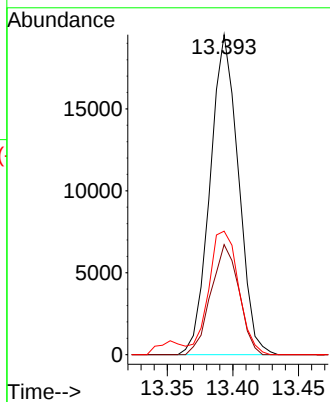
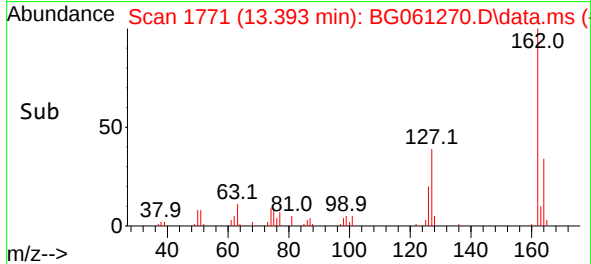
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:162 Resp: 2930
Ion Ratio Lower Upper
162 100
164 34.4 26.8 40.2
127 38.6 31.9 47.9

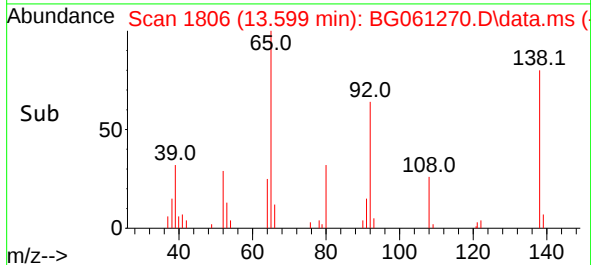
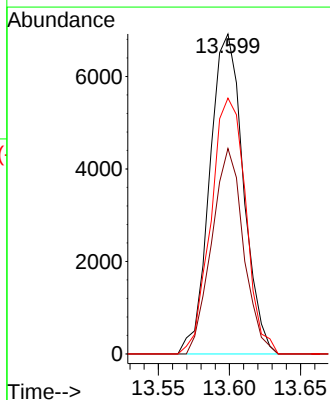
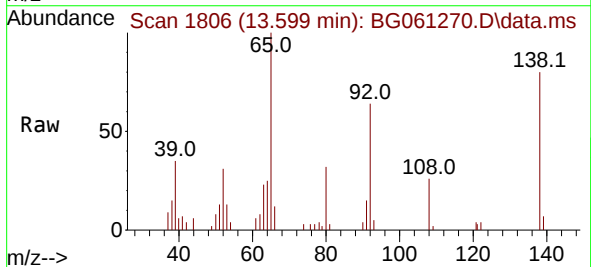
Manual Integrations
APPROVED

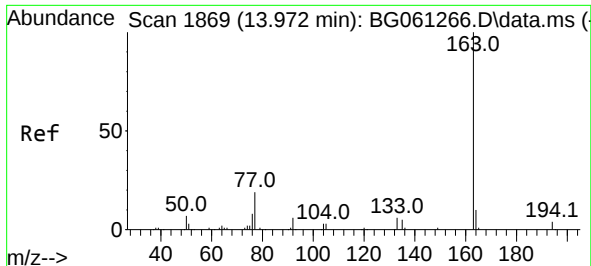
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#45
2-Nitroaniline
Concen: 4.658 ng/ul
RT: 13.599 min Scan# 1806
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

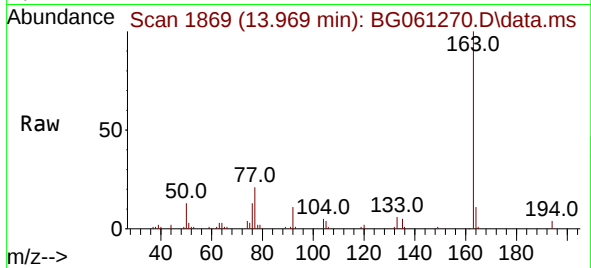
Tgt Ion: 65 Resp: 11363
Ion Ratio Lower Upper
65 100
92 64.2 46.2 69.4
138 80.0 65.0 97.6





#47
Dimethylphthalate
Concen: 4.949 ng/ul
RT: 13.969 min Scan# 1869
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

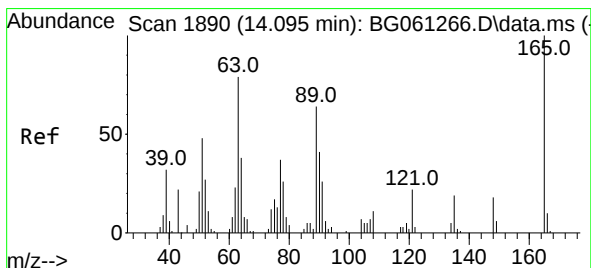
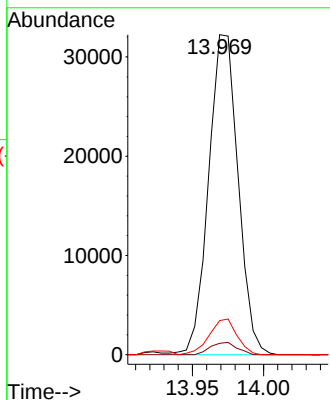
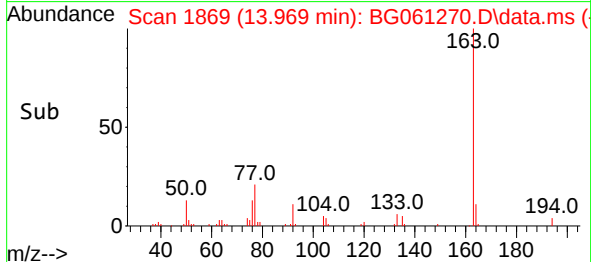
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:163 Resp: 4646
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.7 8.1 12.1

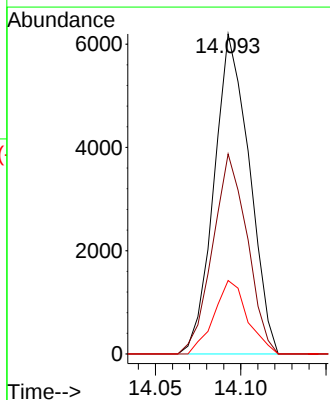
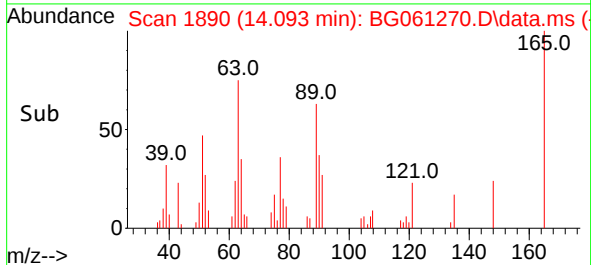
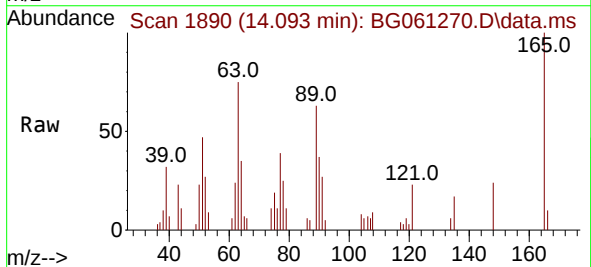
Manual Integrations
APPROVED

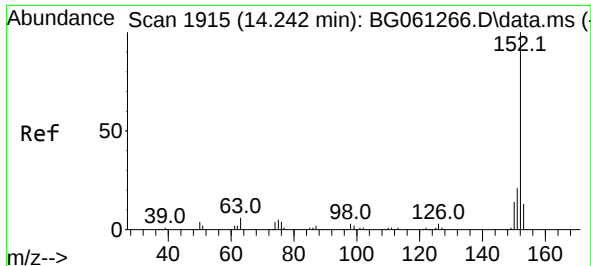
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#48
2,6-Dinitrotoluene
Concen: 4.840 ng/ul
RT: 14.093 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

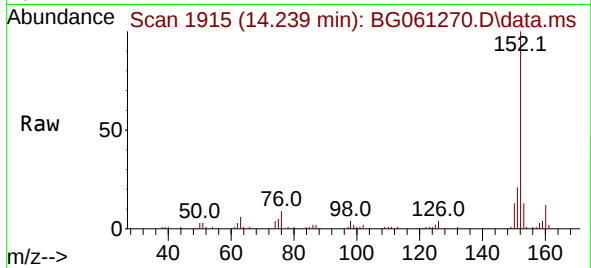
Tgt Ion:165 Resp: 8912
Ion Ratio Lower Upper
165 100
89 62.5 46.0 69.0
121 22.9 17.9 26.9





#50
Acenaphthylene
Concen: 4.945 ng/ul
RT: 14.239 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

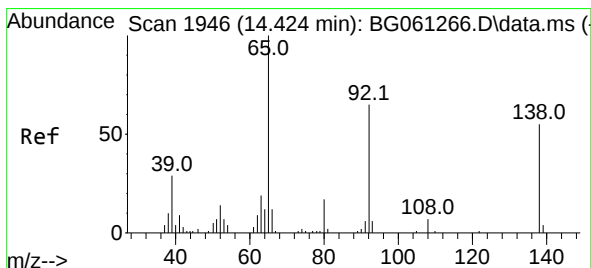
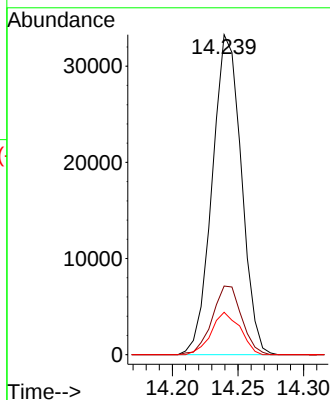
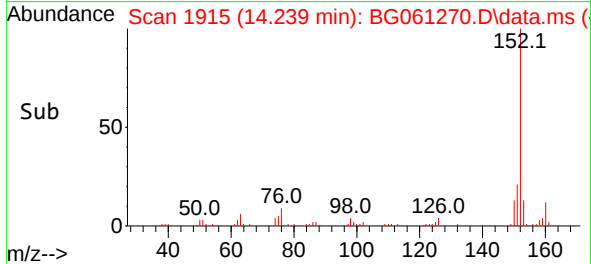
Instrument : BNA_G
ClientSampleId : MDL-MED-SOIL-QT2-2024-04



Tgt Ion:152 Resp: 51354
Ion Ratio Lower Upper
152 100
151 21.4 16.2 24.2
153 13.3 10.2 15.4

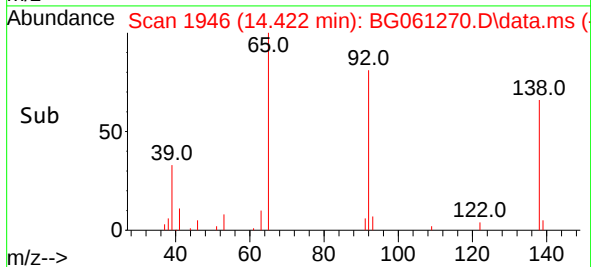
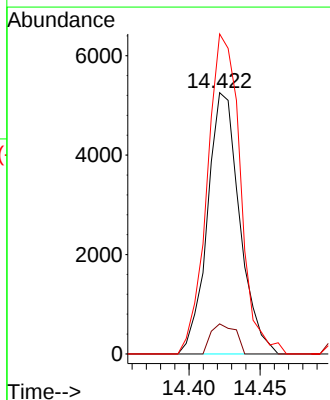
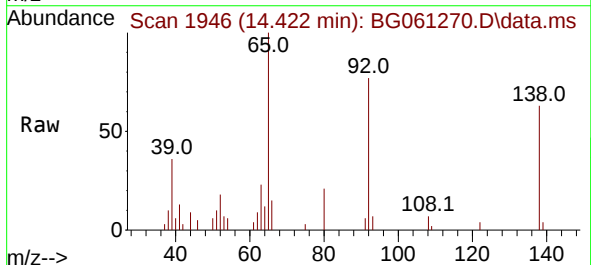
Manual Integrations
APPROVED

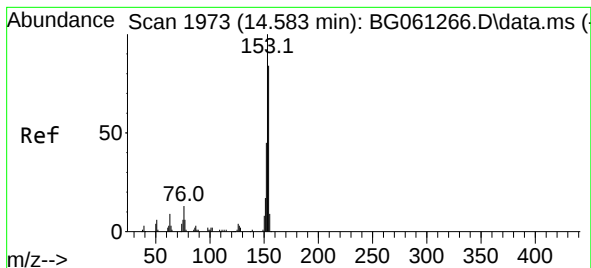
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#51
3-Nitroaniline
Concen: 5.179 ng/ul
RT: 14.422 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

Tgt Ion:138 Resp: 8275
Ion Ratio Lower Upper
138 100
108 11.5 10.1 15.1
92 122.5 97.6 146.4





#52

Acenaphthene

Concen: 4.992 ng/ul

RT: 14.580 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

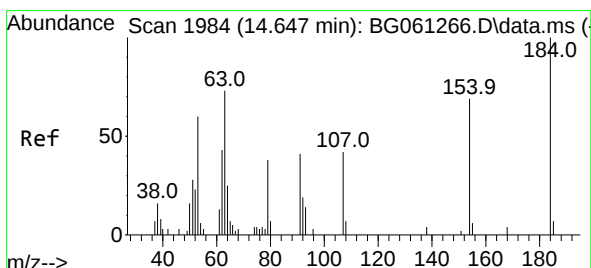
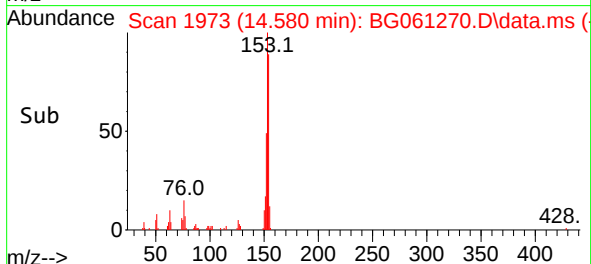
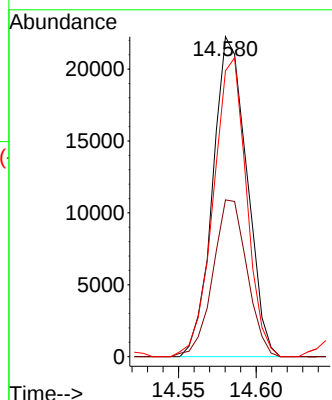
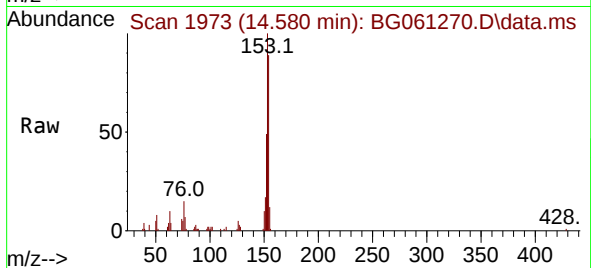
Tgt Ion:	153	Resp:	3400
Ion Ratio	Lower	Upper	
153	100		
152	49.0	37.8	56.8
154	89.3	69.0	103.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#53

2,4-Dinitrophenol

Concen: 4.743 ng/ul m

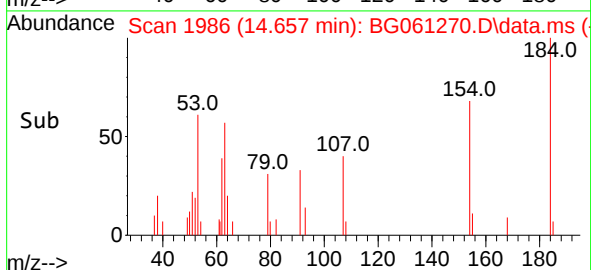
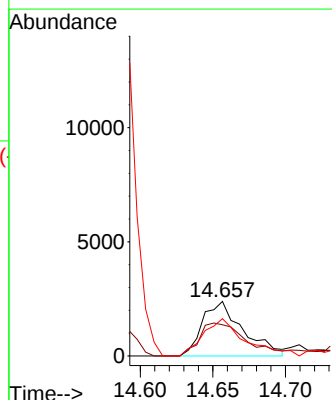
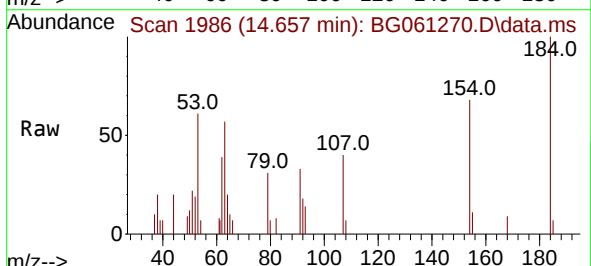
RT: 14.657 min Scan# 1986

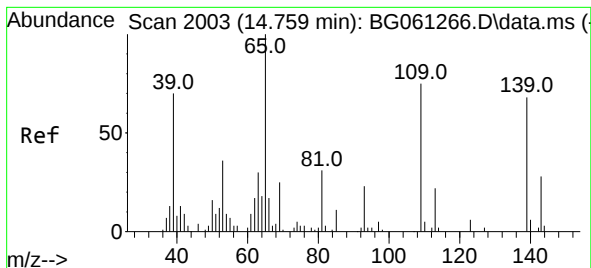
Delta R.T. 0.005 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

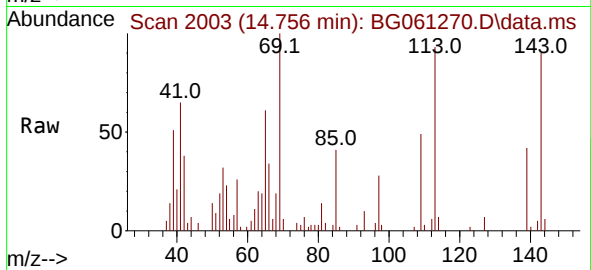
Tgt Ion:	184	Resp:	4631
Ion Ratio	Lower	Upper	
184	100		
63	57.1	61.3	91.9#
154	68.4	55.0	82.4





#55
4-Nitrophenol
Concen: 4.790 ng/ul
RT: 14.756 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

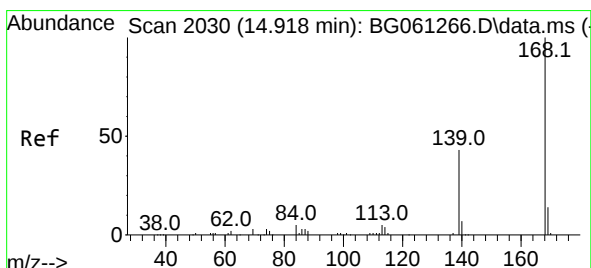
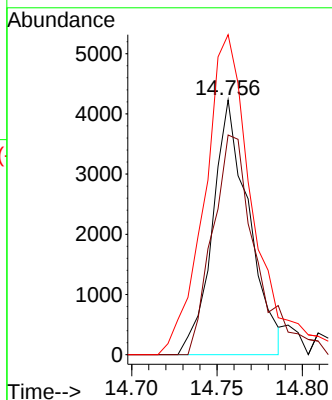
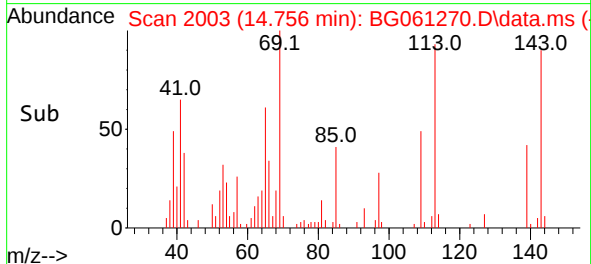
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



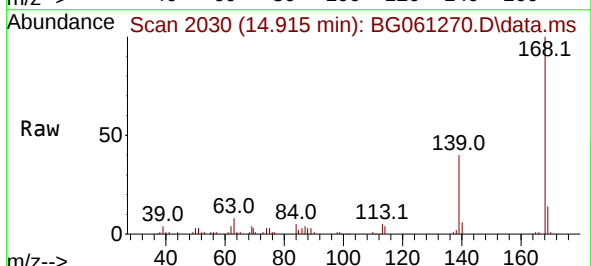
Tgt Ion:109 Resp: 627
Ion Ratio Lower Upper
109 100
139 86.2 74.9 112.3
65 125.6 104.0 156.0

Manual Integrations
APPROVED

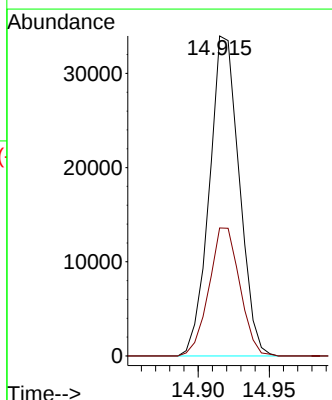
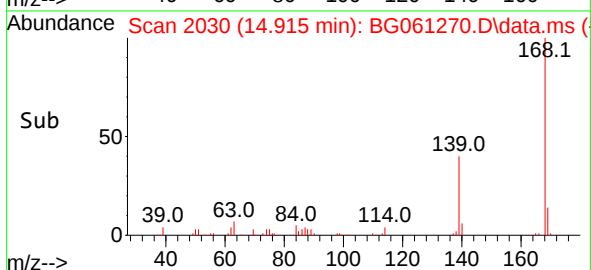
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

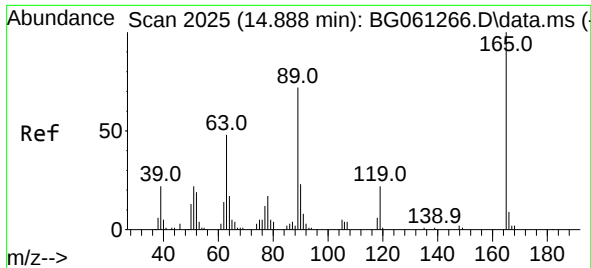


#56
Dibenzofuran
Concen: 5.092 ng/ul
RT: 14.915 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



Tgt Ion:168 Resp: 49600
Ion Ratio Lower Upper
168 100
139 40.0 33.4 50.2





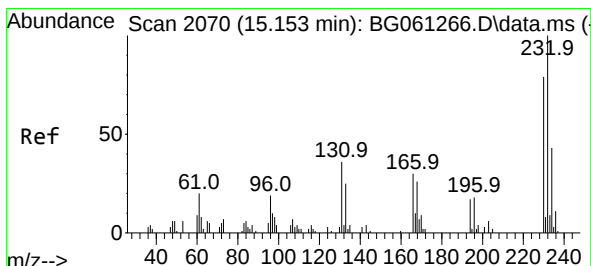
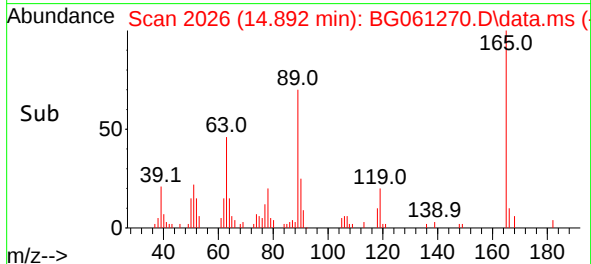
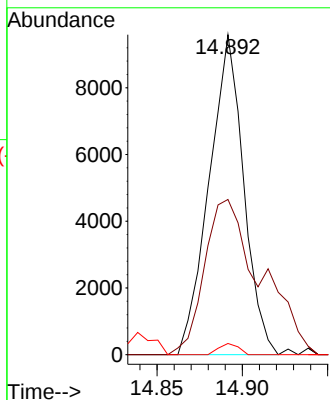
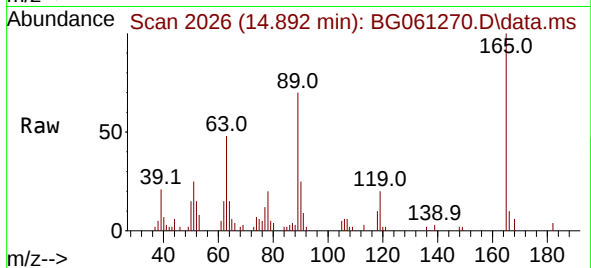
#57
2,4-Dinitrotoluene
Concen: 4.804 ng/ul
RT: 14.892 min Scan# 2026
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04

Tgt Ion:165 Resp: 13458
Ion Ratio Lower Upper
165 100
63 48.5 43.4 65.2
182 3.5 2.0 3.0

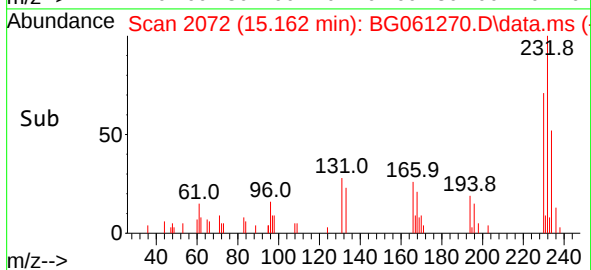
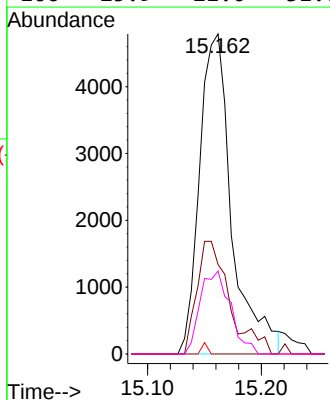
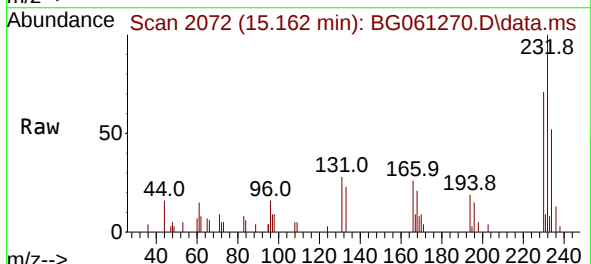
Manual Integrations
APPROVED

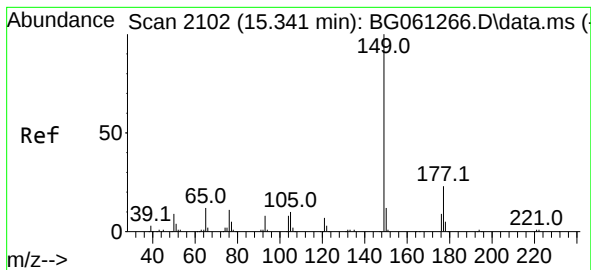
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.552 ng/ul
RT: 15.162 min Scan# 2072
Delta R.T. 0.005 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

Tgt Ion:232 Resp: 9442
Ion Ratio Lower Upper
232 100
131 27.9 30.2 45.2#
130 0.0 1.8 2.6#
166 25.9 21.0 31.6





#59

Diethylphthalate

Concen: 5.021 ng/ul

RT: 15.338 min Scan# 2102

Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

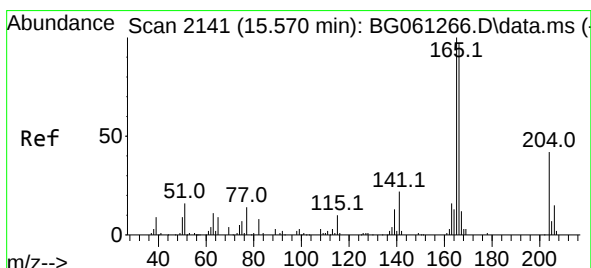
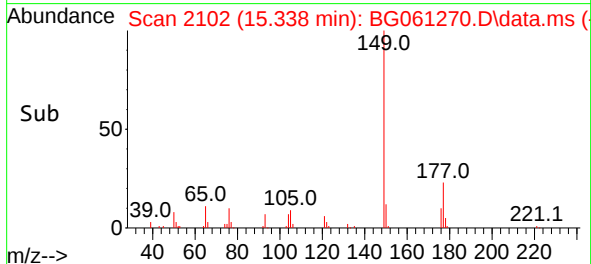
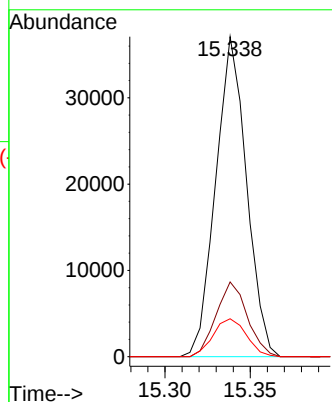
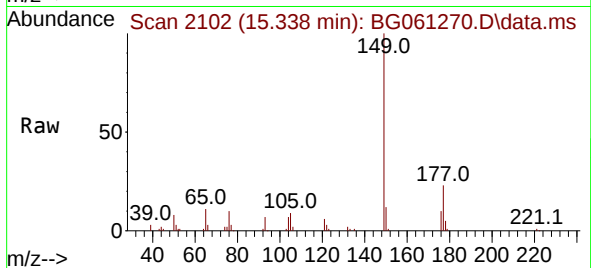
Tgt Ion:	149	Resp:	46554
Ion Ratio	Lower	Upper	
149	100		
177	23.3	19.1	28.7
150	11.9	11.0	16.4

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#61

Fluorene

Concen: 5.225 ng/ul

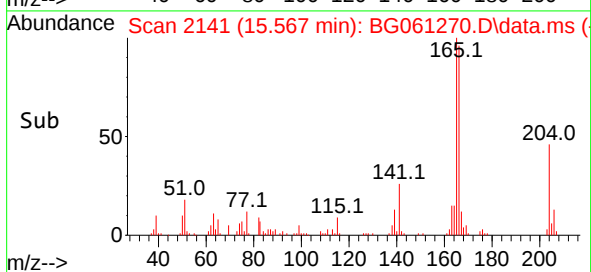
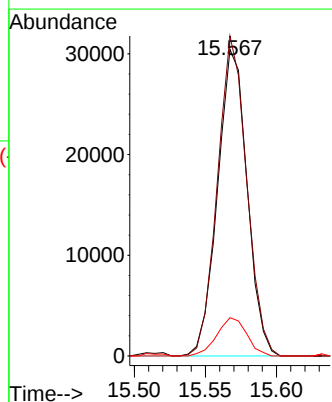
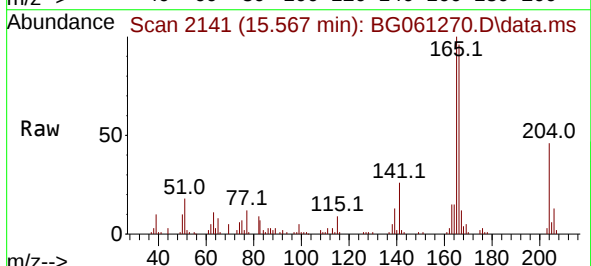
RT: 15.567 min Scan# 2141

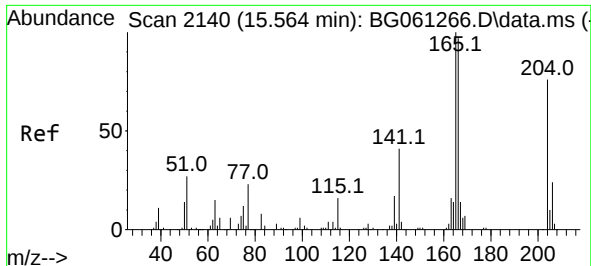
Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

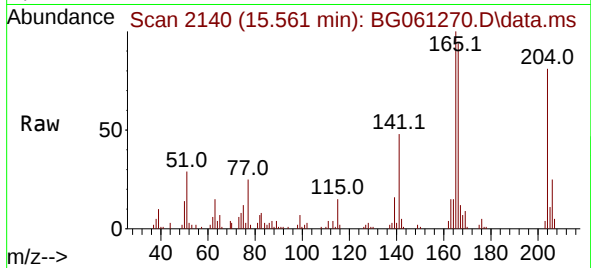
Tgt Ion:	166	Resp:	44037
Ion Ratio	Lower	Upper	
166	100		
165	104.4	81.8	122.8
167	12.5	10.6	16.0





#62
4-Chlorophenyl-phenylether
Concen: 5.197 ng/ul
RT: 15.561 min Scan# 2140
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

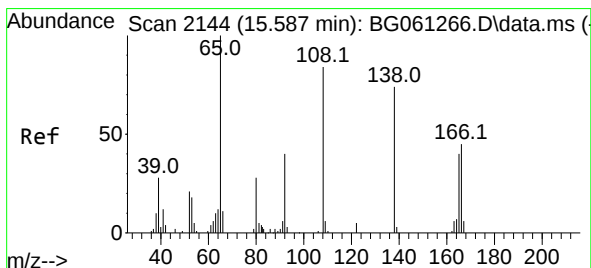
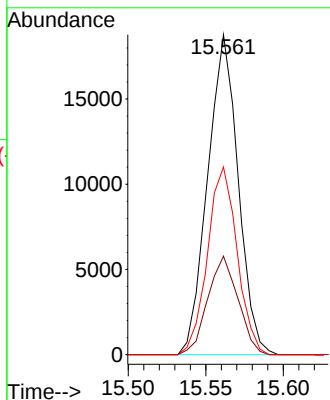
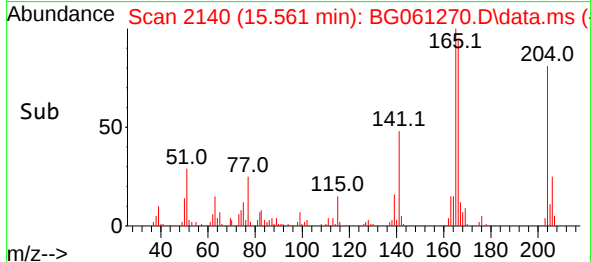
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:204 Resp: 2568
Ion Ratio Lower Upper
204 100
206 30.8 26.3 39.5
141 58.7 43.0 64.6

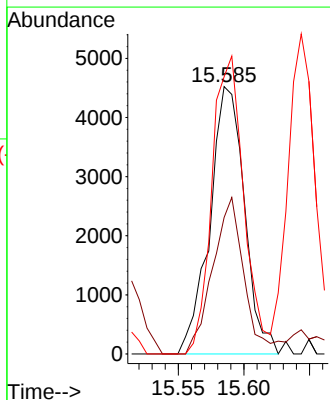
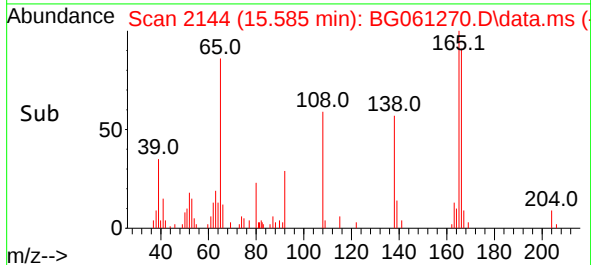
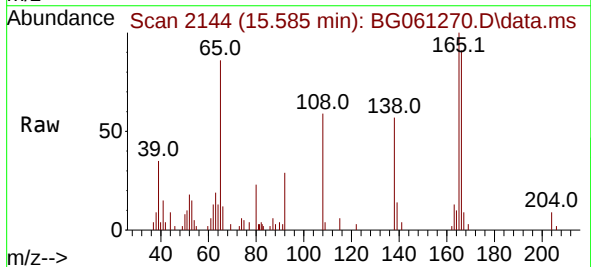
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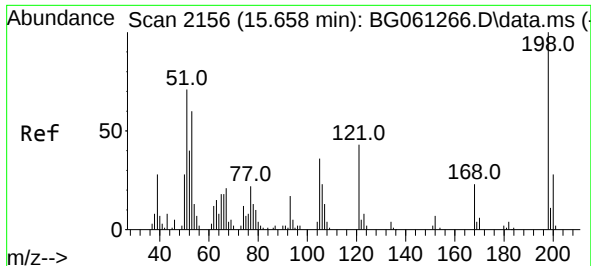
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#63
4-Nitroaniline
Concen: 4.998 ng/ul
RT: 15.585 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

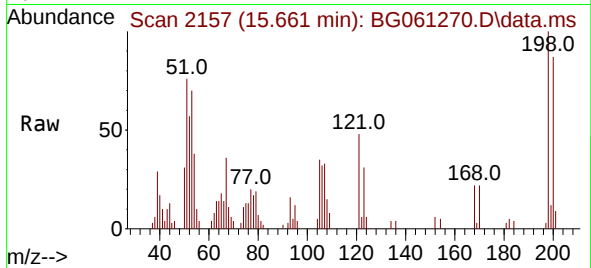
Tgt Ion:138 Resp: 8317
Ion Ratio Lower Upper
138 100
92 51.1 48.6 73.0
108 103.7 95.5 143.3





#66
4,6-Dinitro-2-methylphenol
Concen: 5.099 ng/ul
RT: 15.661 min Scan# 2156
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

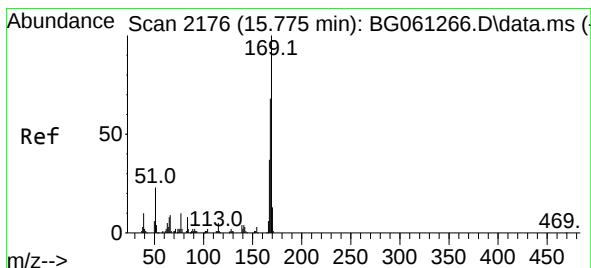
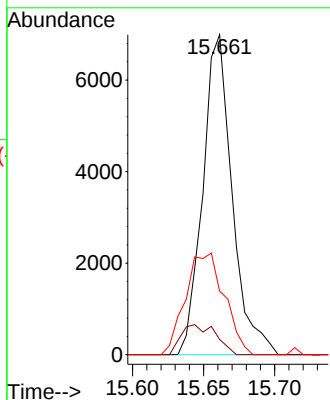
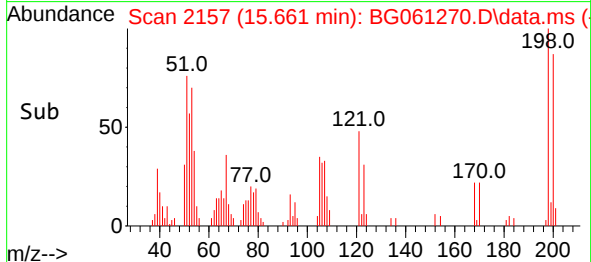
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:198 Resp: 10078
Ion Ratio Lower Upper
198 100
182 4.8 2.9 4.3
77 19.9 22.3 33.5

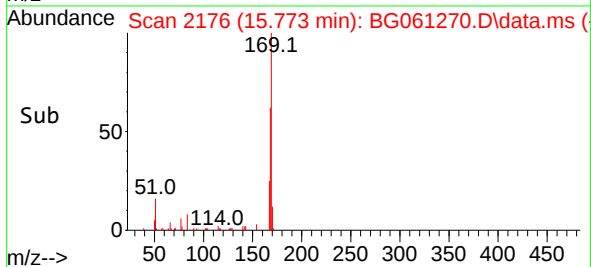
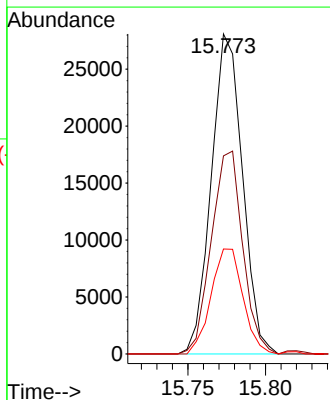
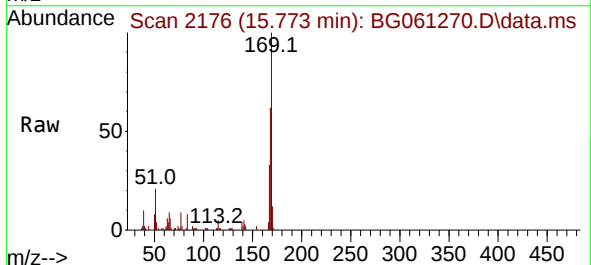
Manual Integrations
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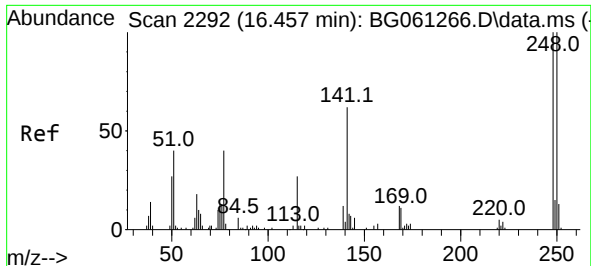
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#67
N-Nitrosodiphenylamine
Concen: 5.015 ng/ul
RT: 15.773 min Scan# 2176
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

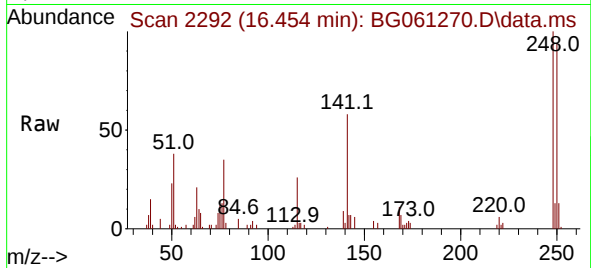
Tgt Ion:169 Resp: 39304
Ion Ratio Lower Upper
169 100
168 61.9 51.9 77.9
167 32.8 29.4 44.2





#68
4-Bromophenyl-phenylether
Concen: 5.046 ng/ul
RT: 16.454 min Scan# 211
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

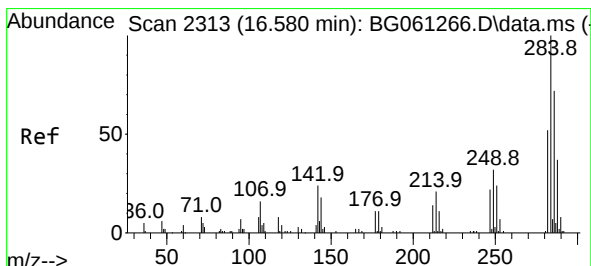
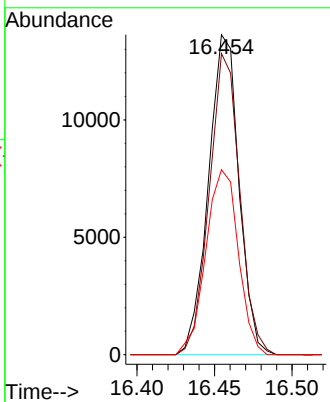
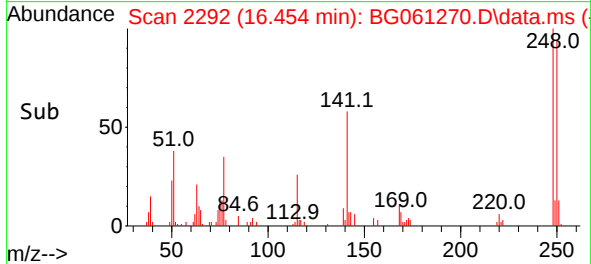
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



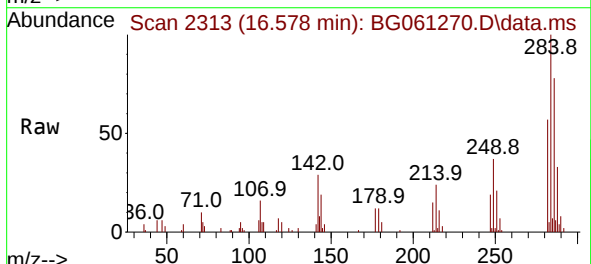
Tgt Ion:248 Resp: 1864
Ion Ratio Lower Upper
248 100
250 94.1 79.4 119.2
141 57.8 50.2 75.4

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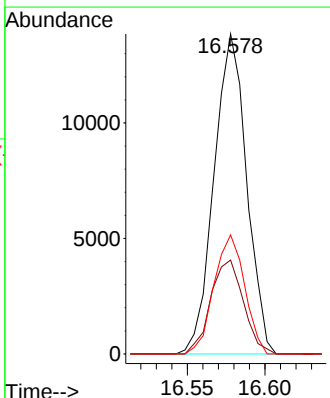
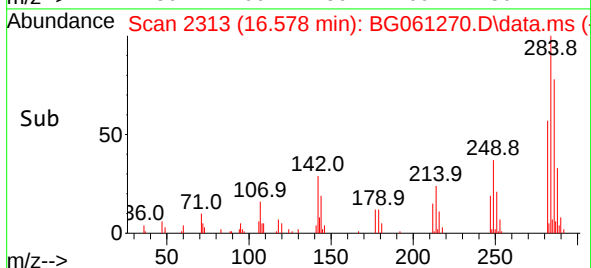
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

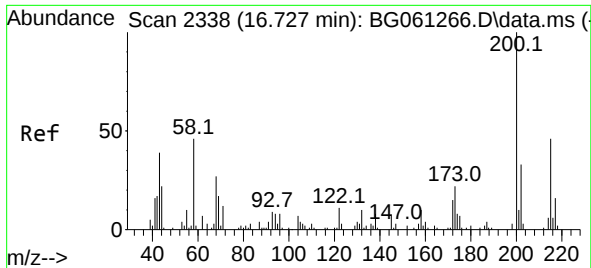


#69
Hexachlorobenzene
Concen: 4.926 ng/ul
RT: 16.578 min Scan# 2313
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



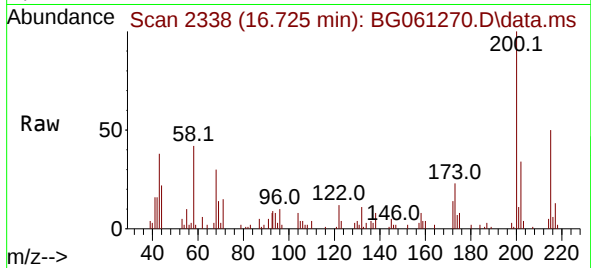
Tgt Ion:284 Resp: 20231
Ion Ratio Lower Upper
284 100
142 27.5 21.2 31.8
249 34.9 28.7 43.1





#70
Atrazine
Concen: 5.756 ng/ul
RT: 16.725 min Scan# 2175
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

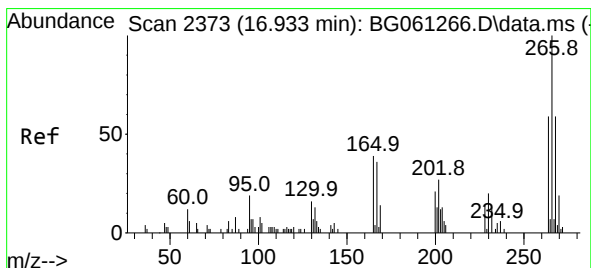
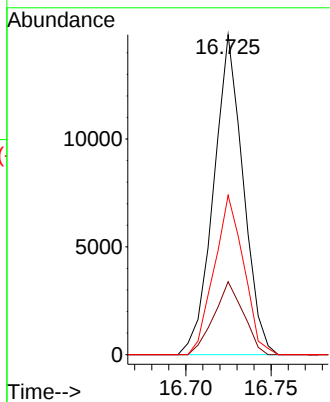
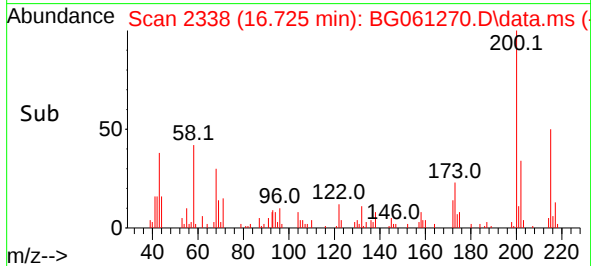
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:200 Resp: 1785
Ion Ratio Lower Upper
200 100
173 22.8 15.9 23.9
215 49.8 37.3 55.9

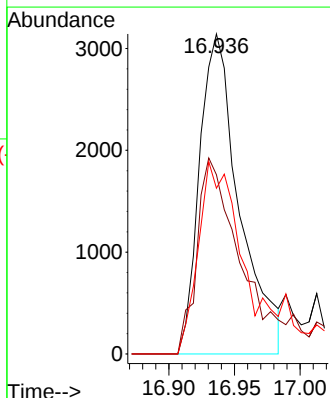
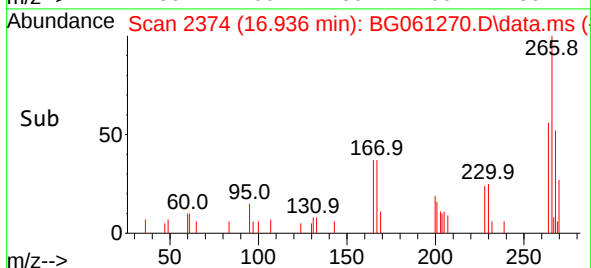
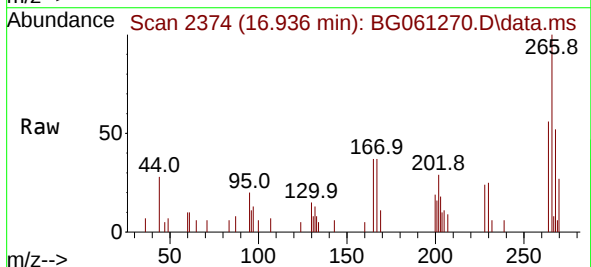
Manual Integrations
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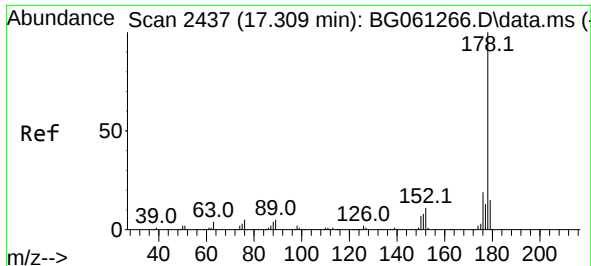
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#71
Pentachlorophenol
Concen: 4.644 ng/ul
RT: 16.936 min Scan# 2374
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

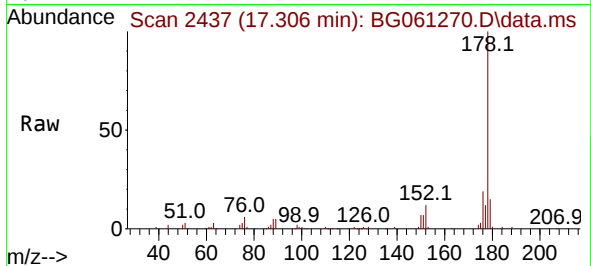
Tgt Ion:266 Resp: 6638
Ion Ratio Lower Upper
266 100
264 56.0 41.9 62.9
268 51.8 52.6 79.0#





#72
Phenanthrene
Concen: 4.937 ng/u1
RT: 17.306 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

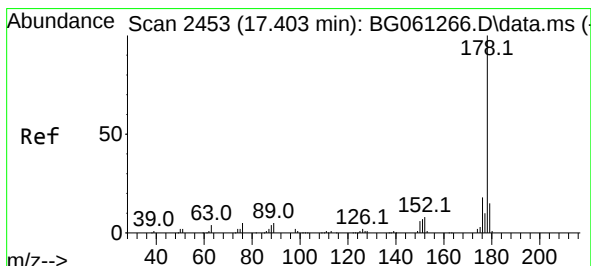
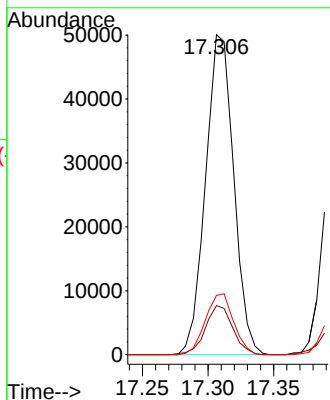
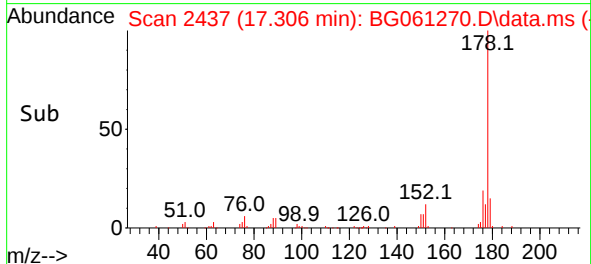
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:178 Resp: 7471
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 18.5 15.5 23.3

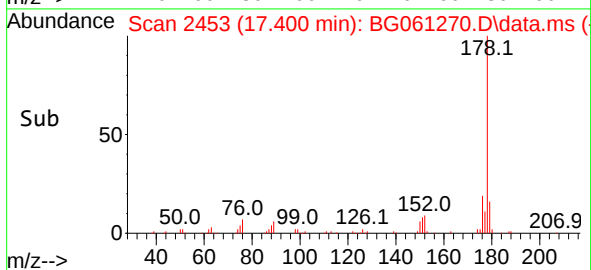
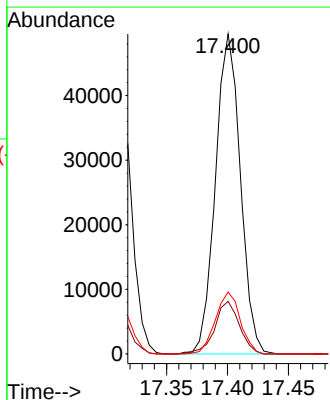
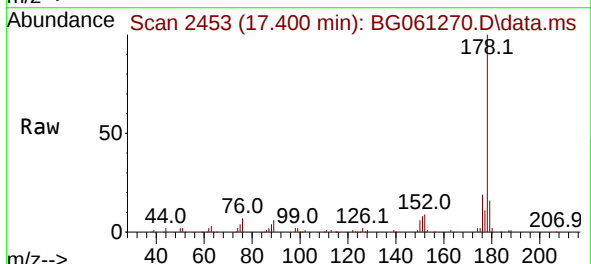
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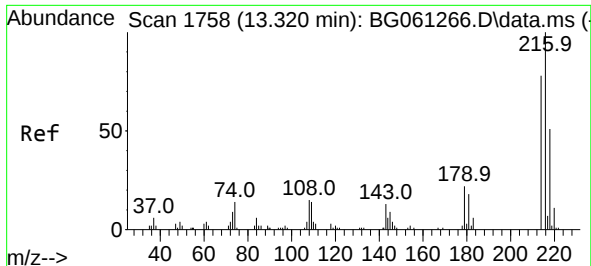
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#74
Anthracene
Concen: 4.515 ng/u1
RT: 17.400 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

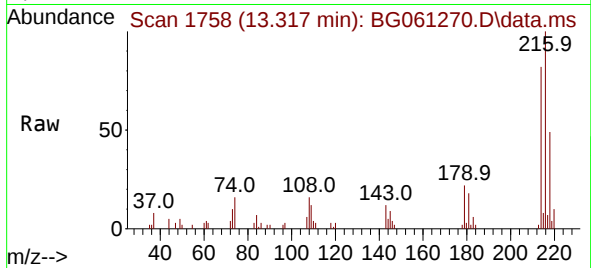
Tgt Ion:178 Resp: 70653
Ion Ratio Lower Upper
178 100
179 16.5 11.8 17.6
176 19.3 14.9 22.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.512 ng/uL
RT: 13.317 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

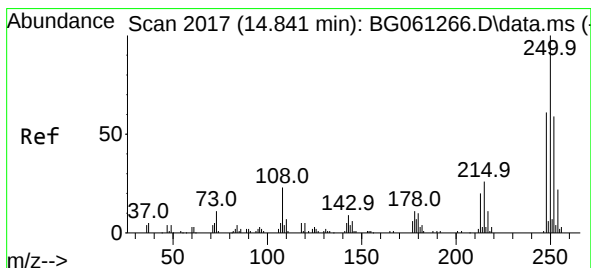
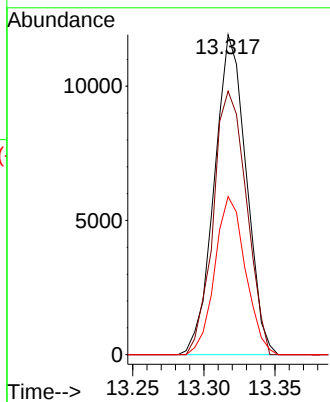
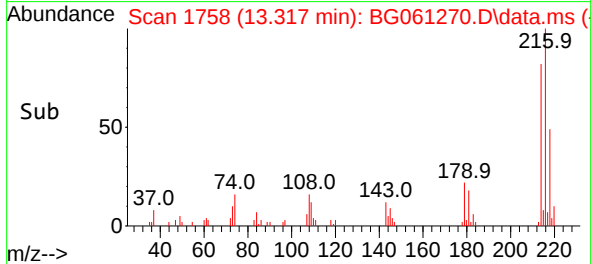
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



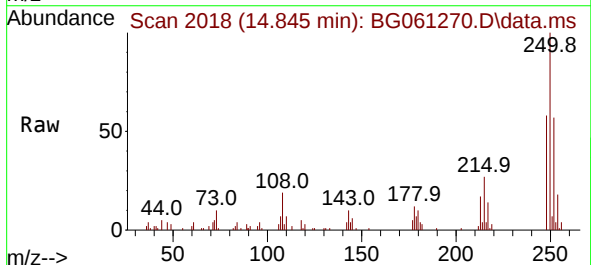
Tgt Ion:216 Resp: 1859
Ion Ratio Lower Upper
216 100
214 82.4 60.0 90.0
218 49.4 38.5 57.7

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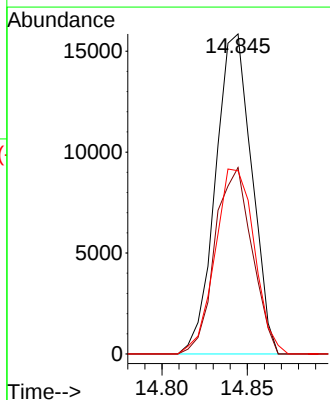
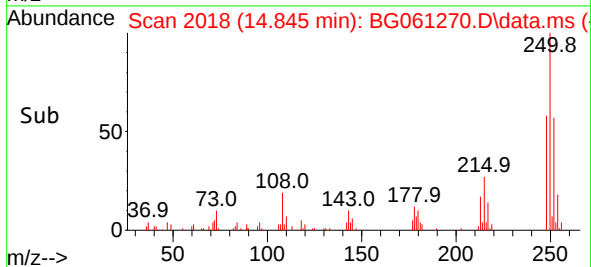
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

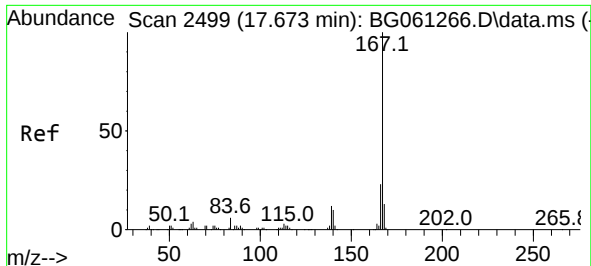


#76
Pentachlorobenzene
Concen: 5.147 ng/uL
RT: 14.845 min Scan# 2018
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



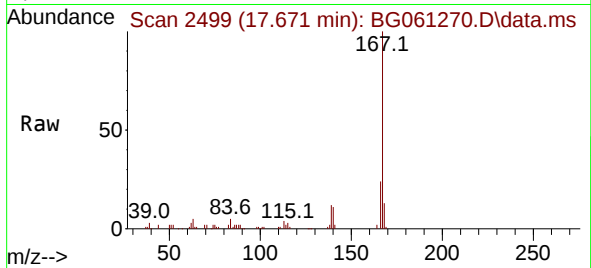
Tgt Ion:250 Resp: 23456
Ion Ratio Lower Upper
250 100
248 58.3 52.6 79.0
252 57.2 54.7 82.1





#77
 Carbazole
 Concen: 5.044 ng/ul
 RT: 17.671 min Scan# 2499
 Delta R.T. -0.006 min
 Lab File: BG061270.D
 Acq: 23 May 2024 13:13

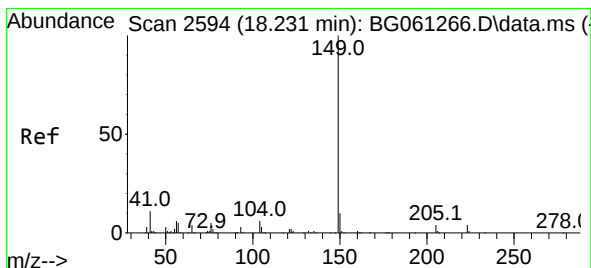
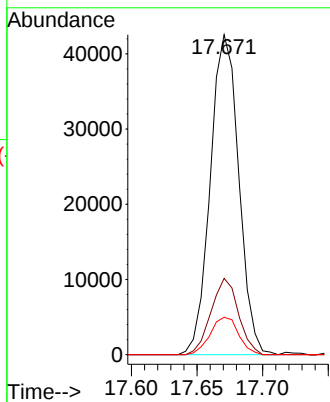
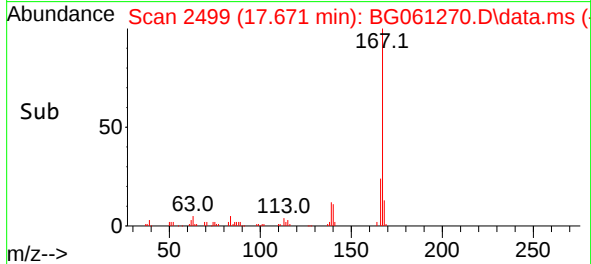
Instrument : BNA_G
 ClientSampleId : MDL-MED-SOIL-QT2-2024-04



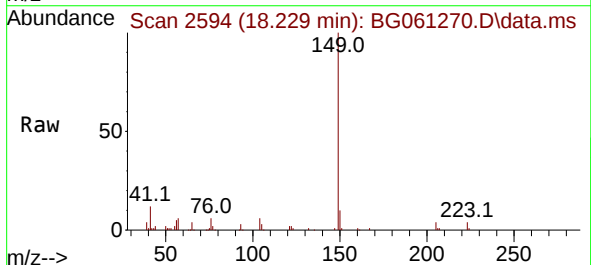
Tgt Ion:167 Resp: 64202
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.6 28.0
 139 11.7 10.6 15.8

Manual Integrations
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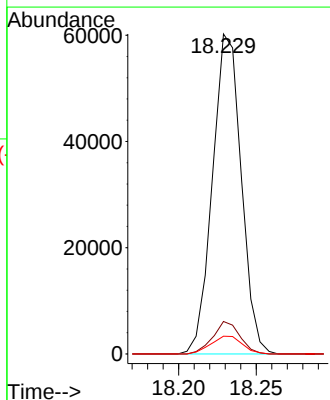
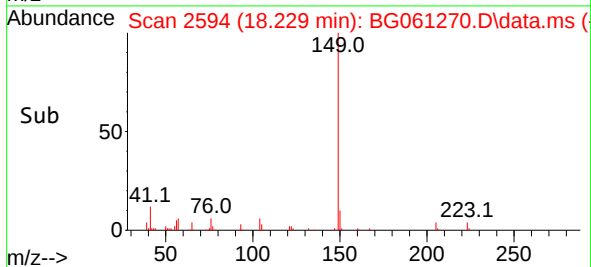
Reviewed By :Yogesh Patel 05/24/2024
 Supervised By :mohammad ahmed 05/25/2024

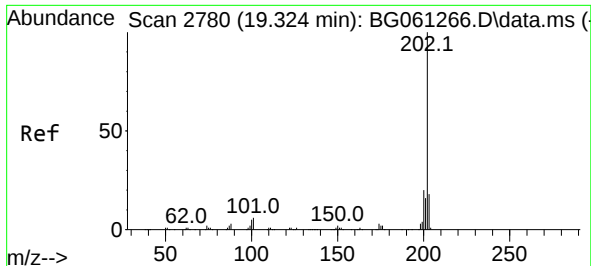


#78
 Di-n-butylphthalate
 Concen: 4.870 ng/ul
 RT: 18.229 min Scan# 2594
 Delta R.T. -0.006 min
 Lab File: BG061270.D
 Acq: 23 May 2024 13:13



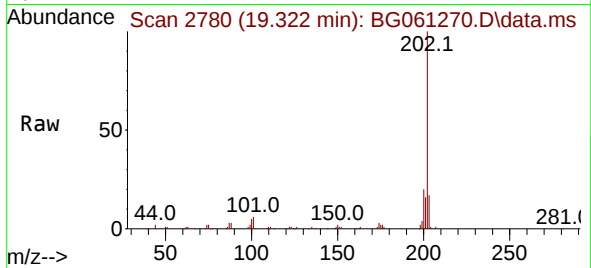
Tgt Ion:149 Resp: 77667
 Ion Ratio Lower Upper
 149 100
 150 10.2 7.8 11.8
 104 5.5 4.8 7.2





#80
Fluoranthene
Concen: 5.129 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

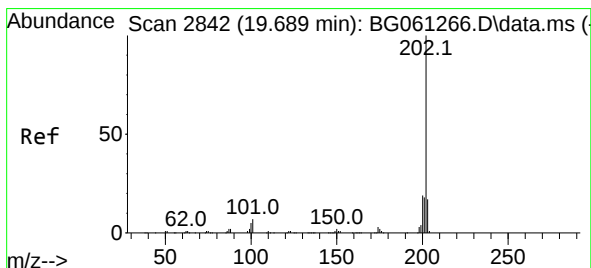
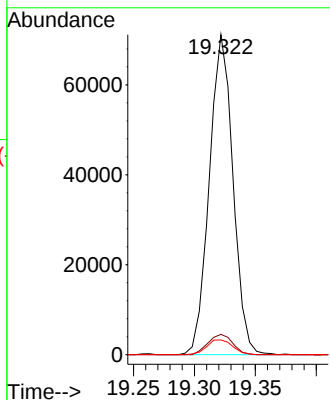
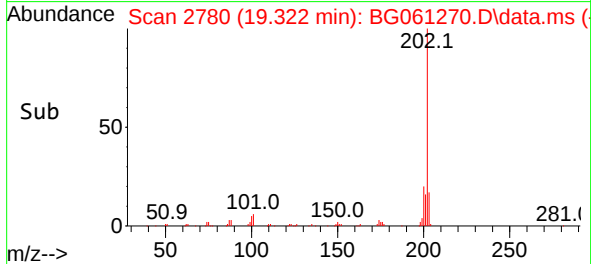
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:202 Resp: 9618
Ion Ratio Lower Upper
202 100
101 6.4 4.8 7.2
100 4.6 4.1 6.1

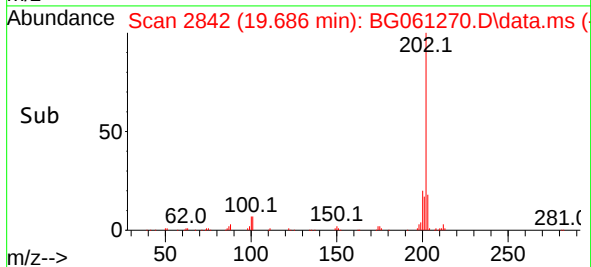
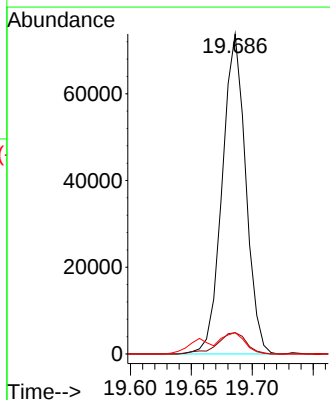
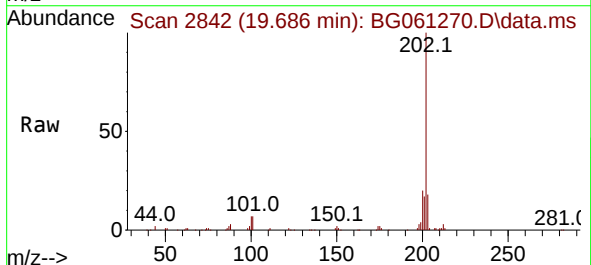
Manual Integrations
APPROVED

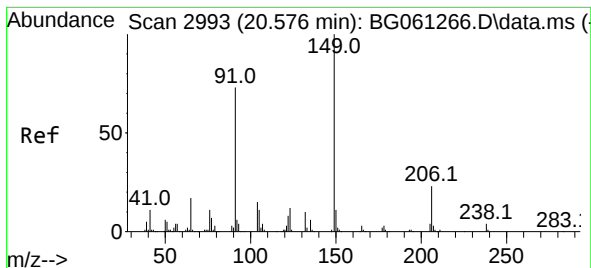
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#82
Pyrene
Concen: 5.086 ng/u1
RT: 19.686 min Scan# 2842
Delta R.T. -0.001 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

Tgt Ion:202 Resp: 99011
Ion Ratio Lower Upper
202 100
101 6.7 5.7 8.5
100 6.6 5.1 7.7





#83

Butylbenzylphthalate

Concen: 4.967 ng/ul

RT: 20.573 min Scan# 2993

Delta R.T. -0.006 min

Lab File: BG061270.D

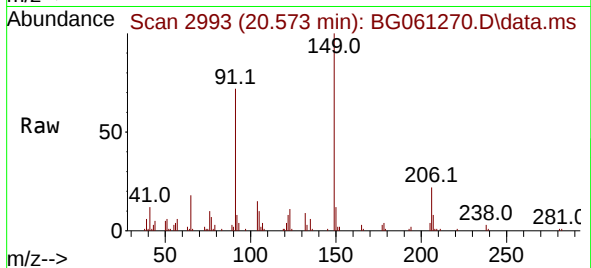
Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04



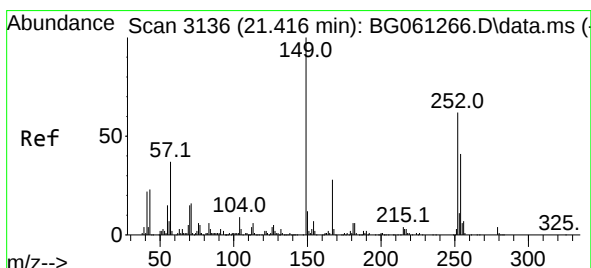
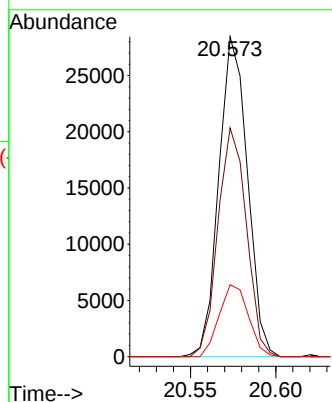
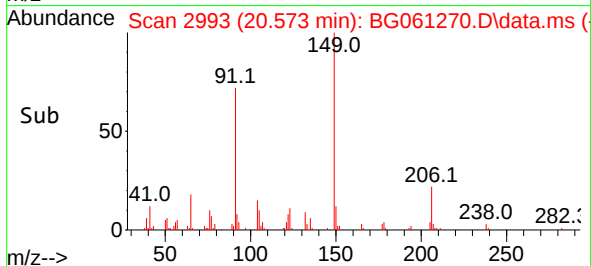
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	54.8	82.2
206	22.5	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.227 ng/ul

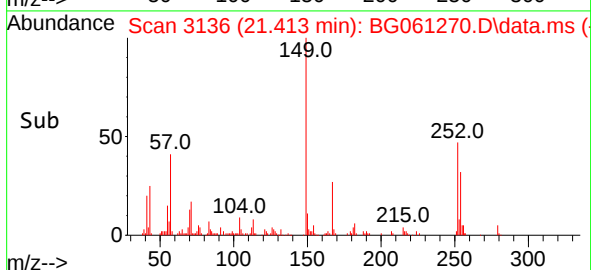
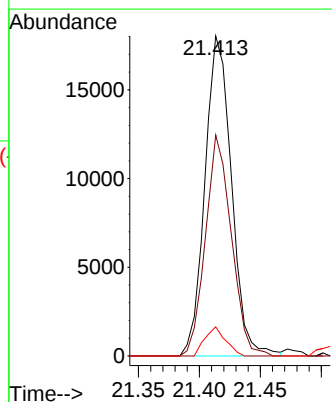
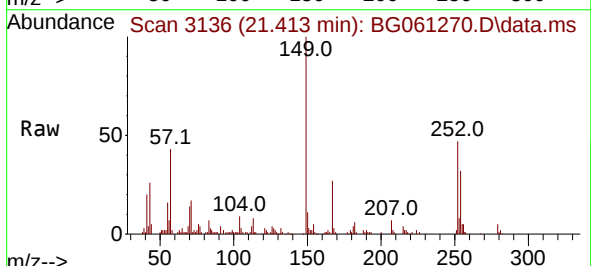
RT: 21.413 min Scan# 3136

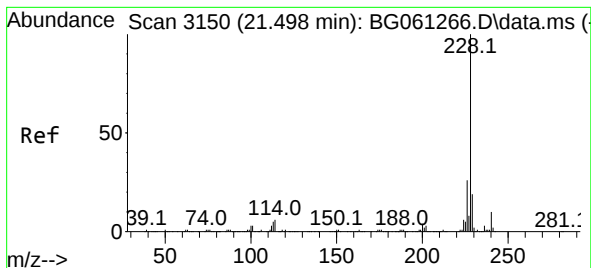
Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	69.0	52.7	79.1
126	9.1	5.0	7.6





#85

Benzo(a)anthracene

Concen: 4.918 ng/ul

RT: 21.496 min Scan# 3150

Delta R.T. -0.006 min

Lab File: BG061270.D

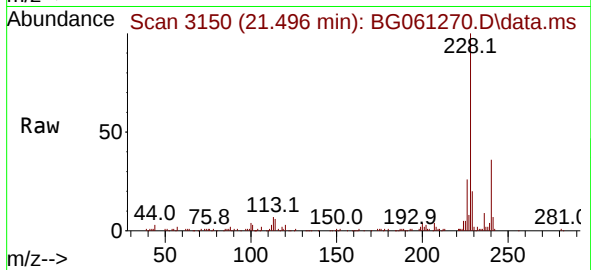
Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04



Tgt Ion:228 Resp: 103310

Ion Ratio Lower Upper

228 100

229 20.1 15.2 22.8

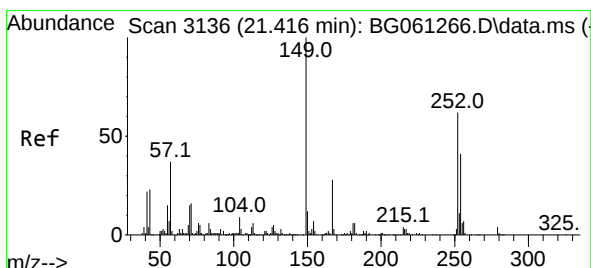
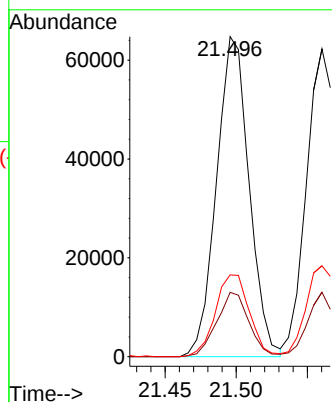
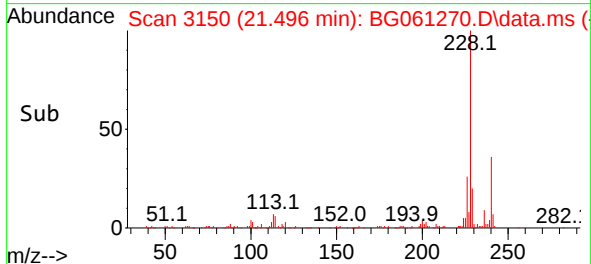
226 25.5 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 5.023 ng/ul

RT: 21.413 min Scan# 3136

Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

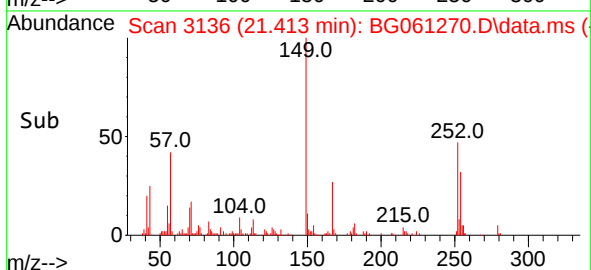
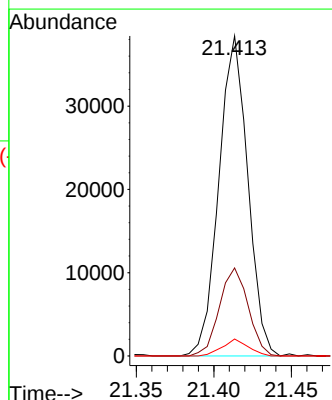
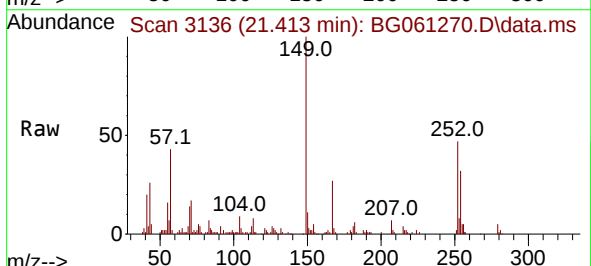
Tgt Ion:149 Resp: 49720

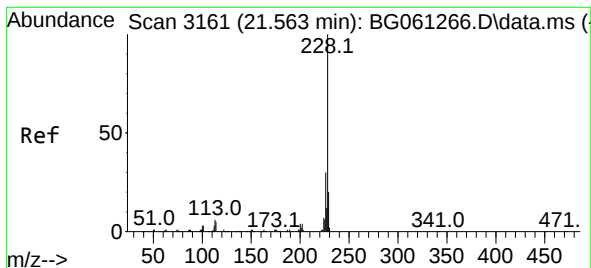
Ion Ratio Lower Upper

149 100

167 27.5 21.1 31.7

279 5.3 3.3 4.9#





#87

Chrysene

Concen: 4.956 ng/ul

RT: 21.560 min Scan# 3161

Delta R.T. -0.006 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

Instrument :

BNA_G

ClientSampleId :

MDL-MED-SOIL-QT2-2024-04

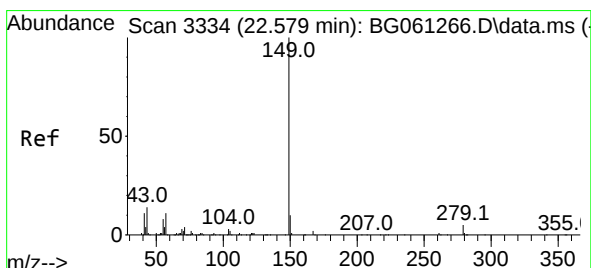
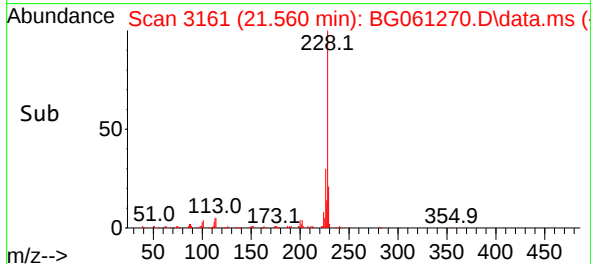
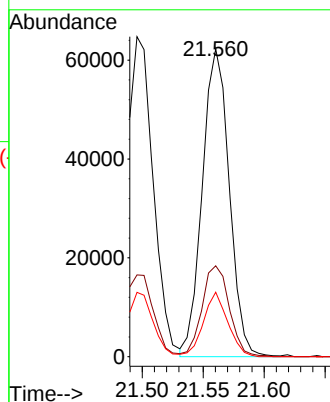
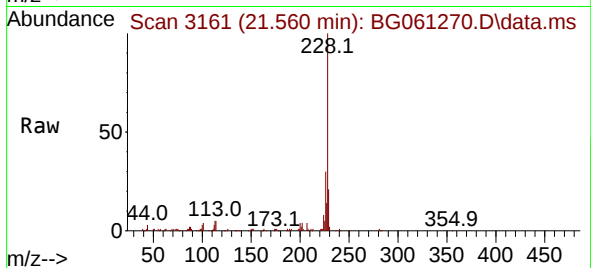
Tgt Ion:228 Resp: 95879
Ion Ratio Lower Upper
228 100
226 29.5 23.4 35.0
229 21.0 15.4 23.2

Manual Integrations

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Reviewed By :Yogesh Patel 05/24/2024

Supervised By :mohammad ahmed 05/25/2024



#89

Di-n-octyl phthalate

Concen: 5.312 ng/ul

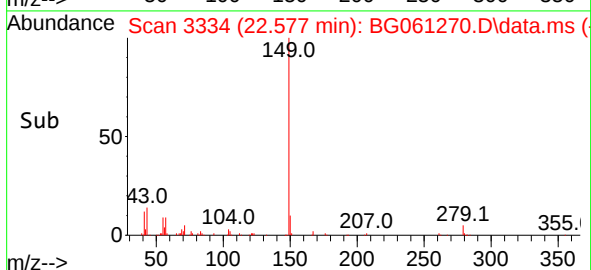
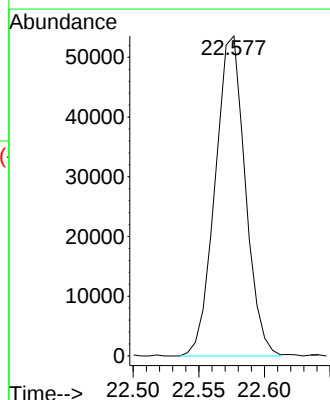
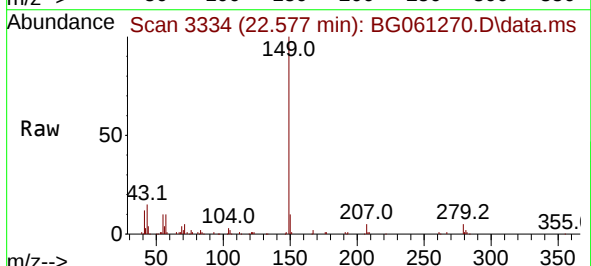
RT: 22.577 min Scan# 3334

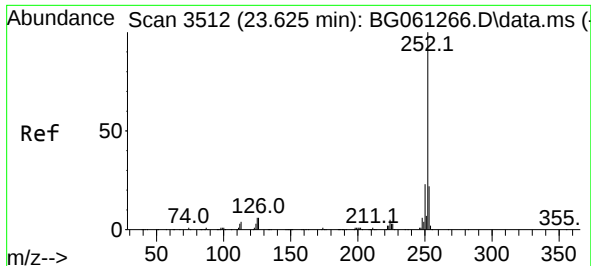
Delta R.T. -0.001 min

Lab File: BG061270.D

Acq: 23 May 2024 13:13

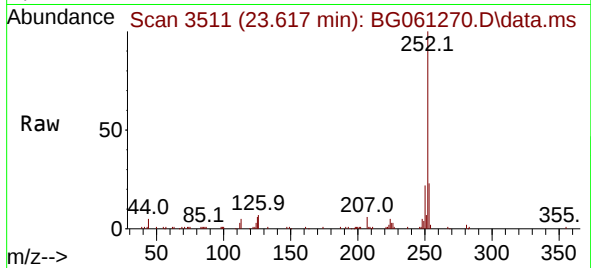
Tgt Ion:149 Resp: 85517





#90
Benzo(b)fluoranthene
Concen: 5.326 ng/ul
RT: 23.617 min Scan# 3511
Delta R.T. -0.012 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

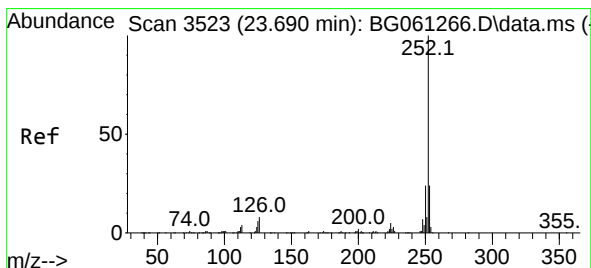
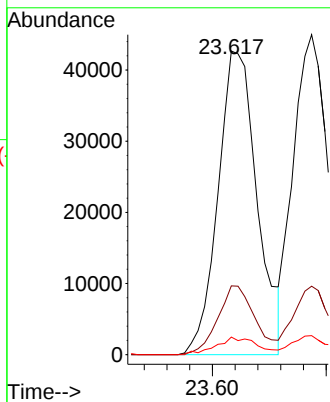
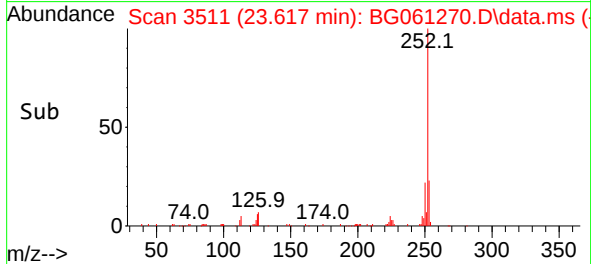
Instrument : BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:252 Resp: 102028
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 5.8 4.6 6.8

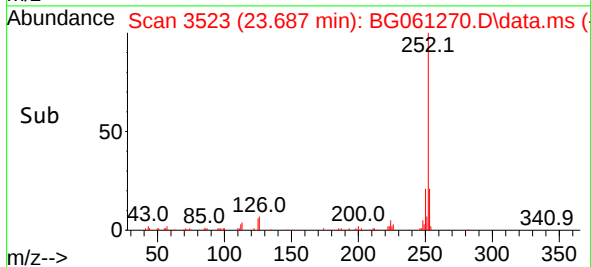
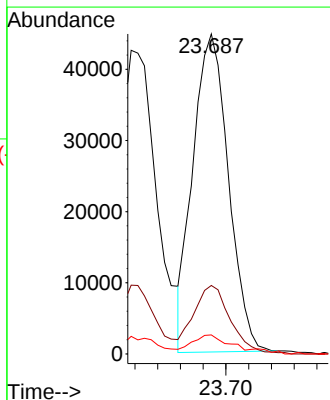
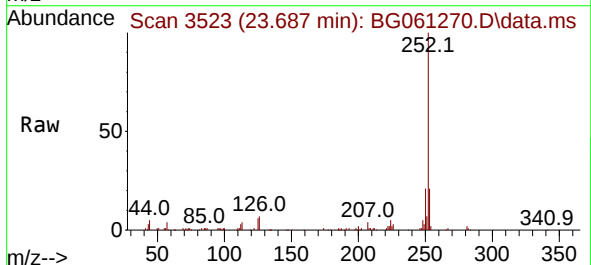
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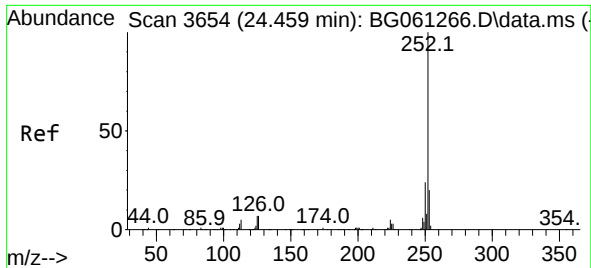
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#91
Benzo(k)fluoranthene
Concen: 4.976 ng/ul
RT: 23.687 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

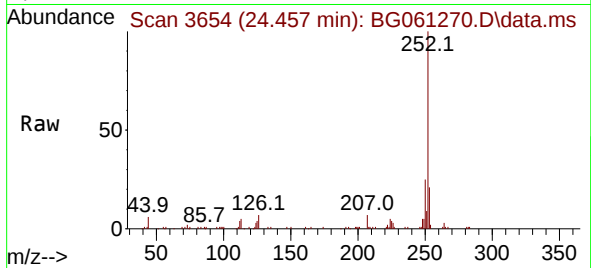
Tgt Ion:252 Resp: 96776
Ion Ratio Lower Upper
252 100
253 21.4 16.0 24.0
125 5.9 4.3 6.5





#93
Benzo(a)pyrene
Concen: 5.105 ng/ul
RT: 24.457 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

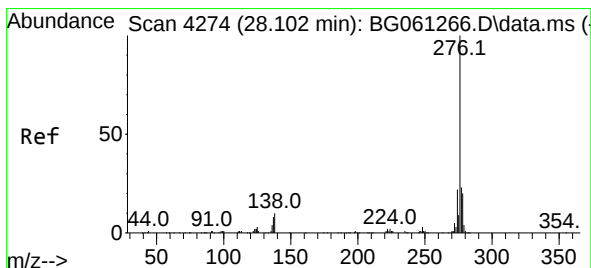
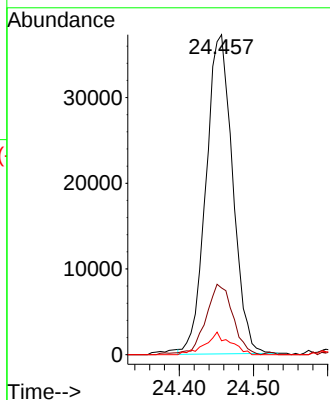
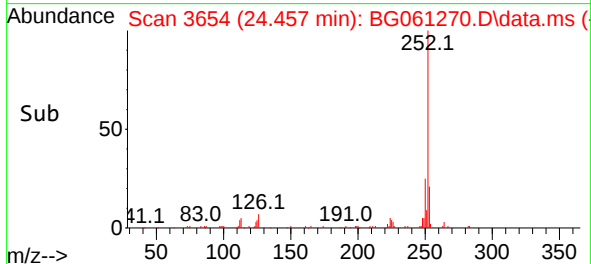
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



Tgt Ion:252 Resp: 92872
Ion Ratio Lower Upper
252 100
253 20.8 16.4 24.6
125 4.4 4.3 6.5

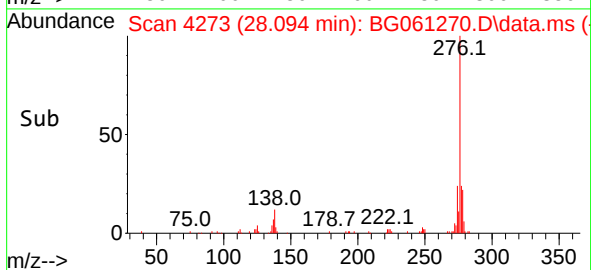
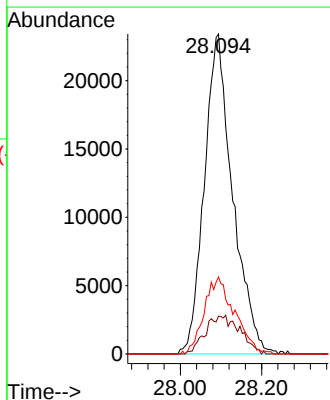
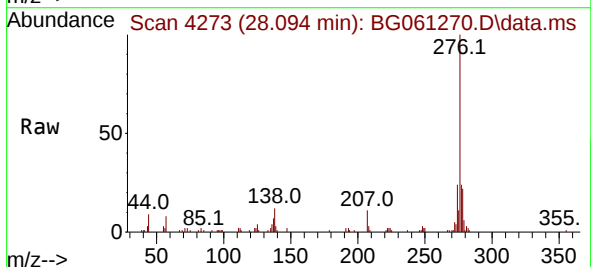
Manual Integrations
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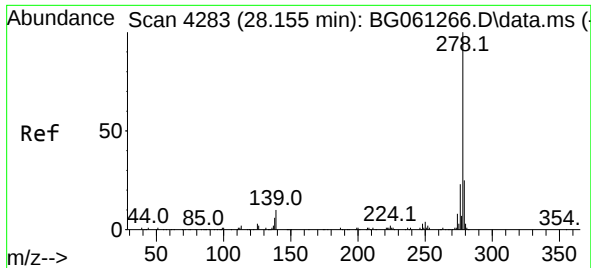
Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#94
Indeno(1,2,3-cd)pyrene
Concen: 5.145 ng/ul
RT: 28.094 min Scan# 4273
Delta R.T. -0.012 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

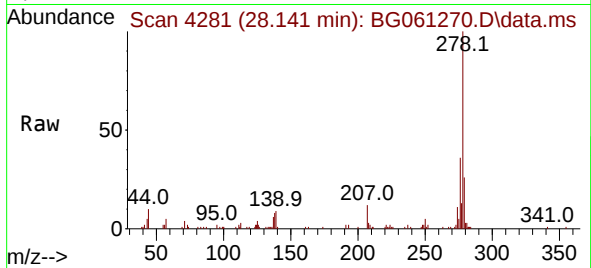
Tgt Ion:276 Resp: 113177
Ion Ratio Lower Upper
276 100
138 11.8 8.6 13.0
277 24.1 19.7 29.5





#95
Dibenzo(a,h)anthracene
Concen: 5.021 ng/ul
RT: 28.141 min Scan# 4281
Delta R.T. -0.018 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13

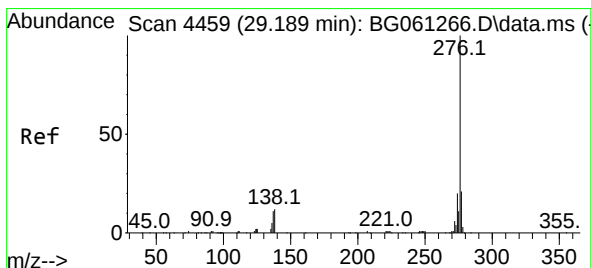
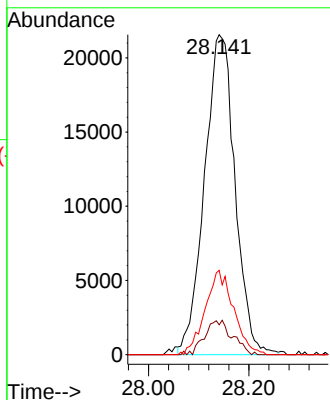
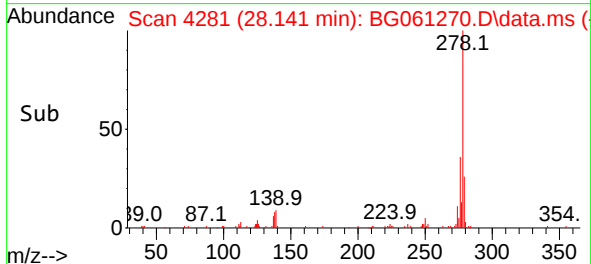
Instrument :
BNA_G
ClientSampleId :
MDL-MED-SOIL-QT2-2024-04



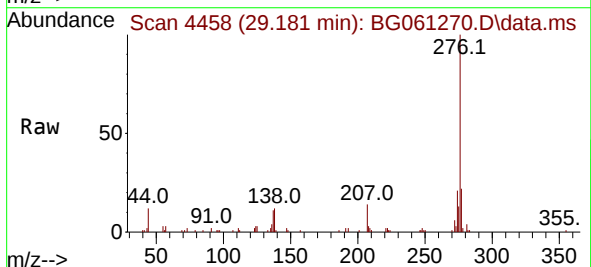
Tgt Ion:278 Resp: 91080
Ion Ratio Lower Upper
278 100
139 9.3 6.4 9.6
279 26.3 19.9 29.9

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024



#96
Benzo(g,h,i)perylene
Concen: 5.222 ng/ul
RT: 29.181 min Scan# 4458
Delta R.T. -0.012 min
Lab File: BG061270.D
Acq: 23 May 2024 13:13



Tgt Ion:276 Resp: 91391
Ion Ratio Lower Upper
276 100
138 11.9 8.7 13.1
277 21.7 18.2 27.2

