

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062666.D
 Acq On : 5 Sep 2024 14:29
 Operator : MA/JU
 Sample : P2403-03
 Misc : MDL-SOIL-8 ng
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Quant Time: Sep 05 16:12:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	50572	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	206510	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	165946	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	460694	20.000	ng	0.00
76) Chrysene-d12	21.532	240	524503	20.000	ng	0.00
86) Perylene-d12	24.599	264	588455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.497	112	382408	130.706	ng	0.00
7) Phenol-d6	7.084	99	528613	125.068	ng	0.00
23) Nitrobenzene-d5	9.076	82	372232	97.075	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	353570	151.397	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	973072	94.981	ng	0.00
79) Terphenyl-d14	19.904	244	2135245	80.721	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	11482	9.421	ng	98
3) Pyridine	3.805	79	28507	8.118	ng	93
4) n-Nitrosodimethylamine	3.717	42	14235	8.338	ng	# 92
6) Aniline	7.242	93	39854	10.093	ng	94
8) 2-Chlorophenol	7.489	128	26427	8.413	ng	96
9) Benzaldehyde	7.060	77	27146	11.041	ng	93
10) Phenol	7.113	94	35002	8.180	ng	96
11) bis(2-Chloroethyl)ether	7.342	93	26896	8.210	ng	97
12) 1,3-Dichlorobenzene	7.812	146	30089	8.729	ng	97
13) 1,4-Dichlorobenzene	7.959	146	29987	8.453	ng	95
14) 1,2-Dichlorobenzene	8.277	146	28303	8.117	ng	96
15) Benzyl Alcohol	8.153	79	25797	8.249	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.435	45	49781	7.973	ng	98
17) 2-Methylphenol	8.359	107	22444	7.525	ng	97
18) Hexachloroethane	9.005	117	9804	7.371	ng	# 82
19) n-Nitroso-di-n-propyla...	8.717	70	24701	7.417	ng	# 95
20) 3+4-Methylphenols	8.688	107	32733	7.439	ng	89
22) Acetophenone	8.735	105	47657	8.554	ng	# 95
24) Nitrobenzene	9.111	77	35965	8.821	ng	99
25) Isophorone	9.634	82	66165	7.861	ng	99
26) 2-Nitrophenol	9.828	139	12824	8.325	ng	# 87
27) 2,4-Dimethylphenol	9.886	122	16584	7.347	ng	91
28) bis(2-Chloroethoxy)met...	10.116	93	38086	8.452	ng	96
29) 2,4-Dichlorophenol	10.362	162	25820	8.181	ng	95
30) 1,2,4-Trichlorobenzene	10.574	180	33126	8.854	ng	94
31) Naphthalene	10.762	128	88637	8.660	ng	95
32) Benzoic acid	9.951	122	12174m	5.015	ng	
33) 4-Chloroaniline	10.868	127	35059	8.704	ng	93
34) Hexachlorobutadiene	11.050	225	22878	8.755	ng	97
35) Caprolactam	11.614	113	9961	8.187	ng	# 81
36) 4-Chloro-3-methylphenol	11.990	107	30408	7.988	ng	98
37) 2-Methylnaphthalene	12.366	142	65451	8.244	ng	98
38) 1-Methylnaphthalene	12.589	142	63384	7.951	ng	93
40) 1,2,4,5-Tetrachloroben...	12.736	216	46266	9.271	ng	98
41) Hexachlorocyclopentadiene	12.718	237	13008	9.136	ng	98
43) 2,4,6-Trichlorophenol	12.977	196	27104	8.567	ng	90

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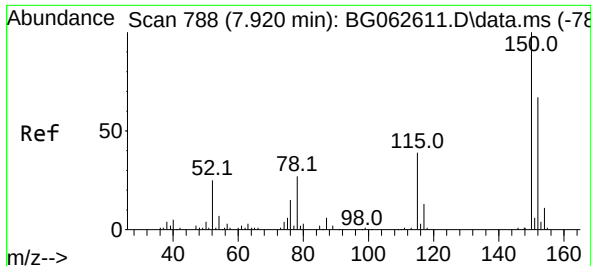
Quant Time: Sep 05 16:12:36 2024
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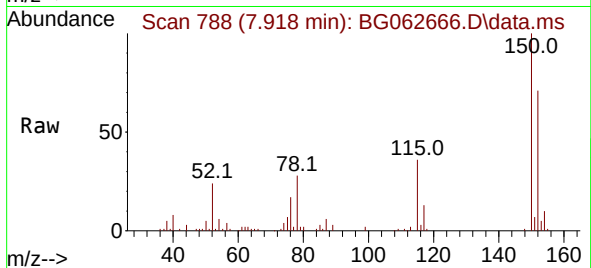
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	29616	8.266	ng	94
46) 1,1'-Biphenyl	13.376	154	98864	8.930	ng	99
47) 2-Chloronaphthalene	13.418	162	77731	8.663	ng	97
48) 2-Nitroaniline	13.617	65	20381	8.636	ng	96
49) Acenaphthylene	14.264	152	126209	9.499	ng	96
50) Dimethylphthalate	13.993	163	106686	8.792	ng	# 97
51) 2,6-Dinitrotoluene	14.111	165	20168	8.787	ng	91
52) Acenaphthene	14.604	154	72792	8.764	ng	99
53) 3-Nitroaniline	14.440	138	20256	9.121	ng	98
54) 2,4-Dinitrophenol	14.651	184	6474	5.026	ng	93
55) Dibenzofuran	14.939	168	129543	9.094	ng	97
56) 4-Nitrophenol	14.751	139	15382	8.173	ng	97
57) 2,4-Dinitrotoluene	14.898	165	27610	8.817	ng	97
58) Fluorene	15.591	166	100556	8.995	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	31693	9.338	ng	94
60) Diethylphthalate	15.362	149	105408	8.764	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	58783	9.159	ng	95
62) 4-Nitroaniline	15.597	138	21481	8.772	ng	94
63) Azobenzene	15.874	77	97165	8.604	ng	99
65) 4,6-Dinitro-2-methylph...	15.662	198	14200	6.907	ng	90
66) n-Nitrosodiphenylamine	15.797	169	91620	8.272	ng	97
67) 4-Bromophenyl-phenylether	16.479	248	40797	8.580	ng	95
68) Hexachlorobenzene	16.596	284	49219	8.741	ng	95
69) Atrazine	16.743	200	41782	11.106	ng	94
70) Pentachlorophenol	16.937	266	22732	6.303	ng	96
71) Phenanthrene	17.331	178	196376	9.132	ng	98
72) Anthracene	17.419	178	193841	9.168	ng	98
73) Carbazole	17.689	167	173268	8.915	ng	100
74) Di-n-butylphthalate	18.253	149	189519	8.646	ng	98
75) Fluoranthene	19.340	202	253112	9.307	ng	98
77) Benzidine	19.522	184	102385	10.830	ng	97
78) Pyrene	19.704	202	274287	8.227	ng	99
80) Butylbenzylphthalate	20.597	149	71762	7.328	ng	95
81) Benzo(a)anthracene	21.514	228	291525	8.812	ng	97
82) 3,3'-Dichlorobenzidine	21.432	252	97287	9.027	ng	99
83) Chrysene	21.573	228	281718	8.891	ng	98
84) Bis(2-ethylhexyl)phtha...	21.432	149	115593	7.770	ng	# 96
85) Di-n-octyl phthalate	22.589	149	187790	7.209	ng	100
87) Indeno(1,2,3-cd)pyrene	28.047	276	328789	8.714	ng	# 93
88) Benzo(b)fluoranthene	23.629	252	275271	8.469	ng	98
89) Benzo(k)fluoranthene	23.688	252	279910	8.804	ng	98
90) Benzo(a)pyrene	24.446	252	253298	8.821	ng	98
91) Dibenzo(a,h)anthracene	28.112	278	271854	8.746	ng	98
92) Benzo(g,h,i)perylene	29.134	276	257177	8.205	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 70
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

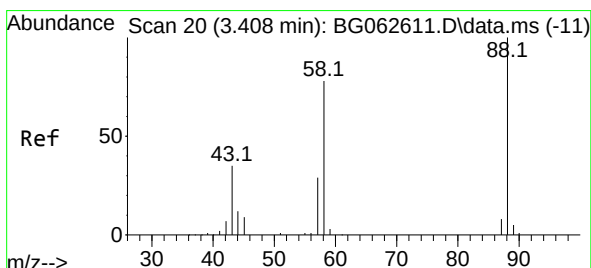
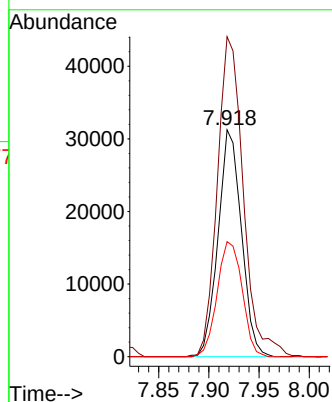
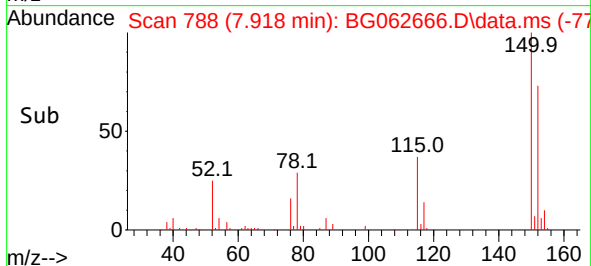
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:152 Resp: 50572
Ion Ratio Lower Upper
152 100
150 141.1 119.9 179.9
115 50.7 46.6 69.8

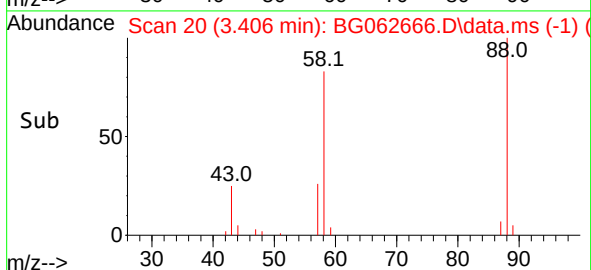
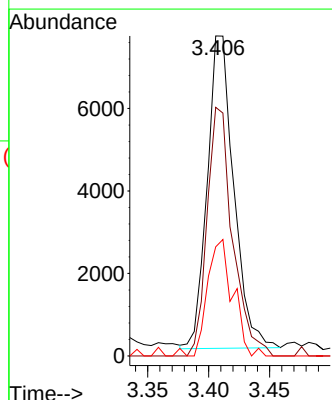
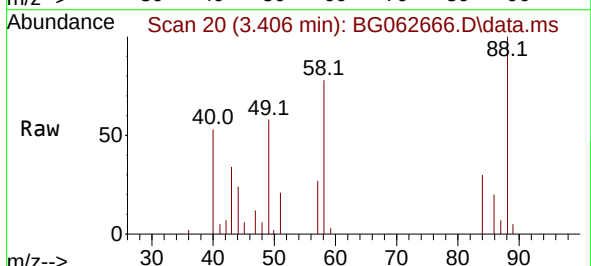
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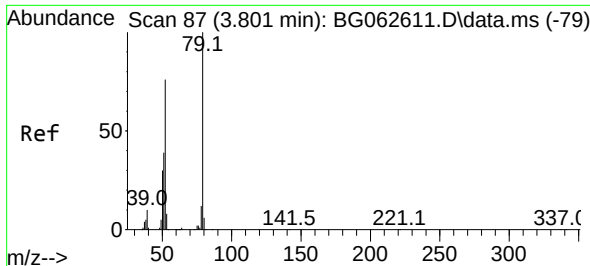
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#2
1,4-Dioxane
Concen: 9.421 ng
RT: 3.406 min Scan# 20
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

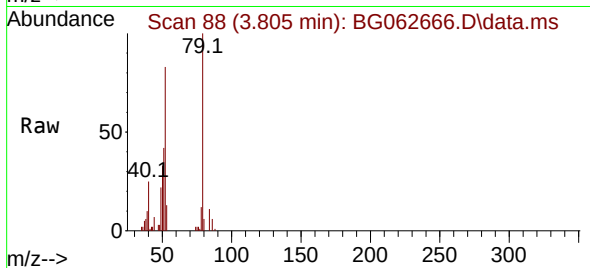
Tgt Ion: 88 Resp: 11482
Ion Ratio Lower Upper
88 100
58 76.6 62.3 93.5
43 35.9 27.5 41.3





#3
Pyridine
Concen: 8.118 ng
RT: 3.805 min Scan# 87
Delta R.T. 0.004 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

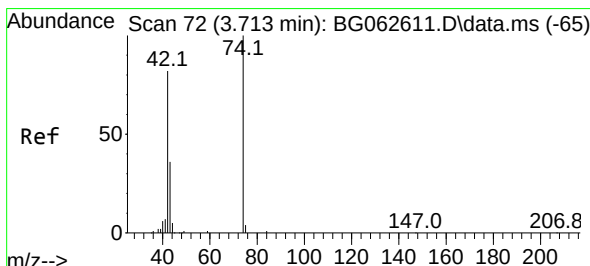
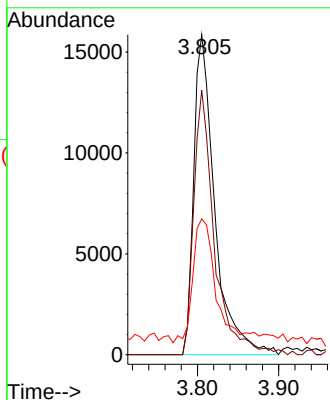
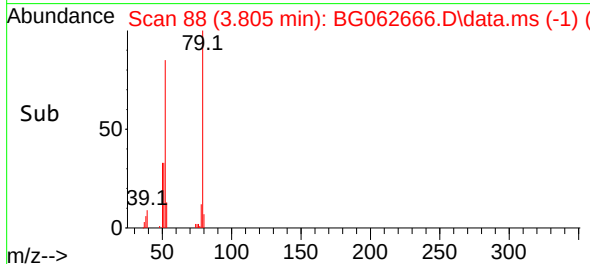
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



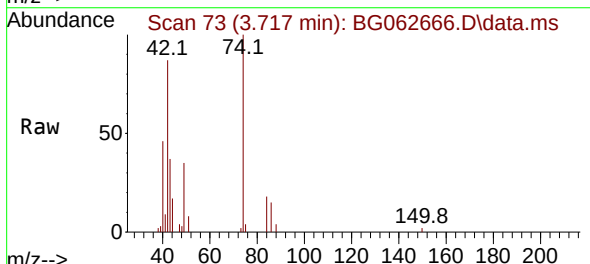
Tgt Ion: 79 Resp: 2850
Ion Ratio Lower Upper
79 100
52 82.7 60.9 91.3
51 42.5 31.5 47.3

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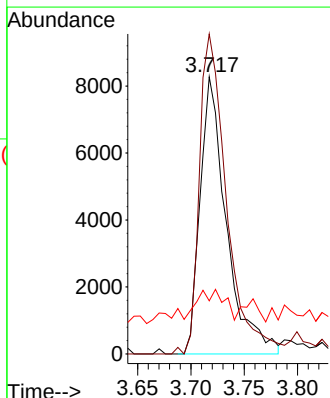
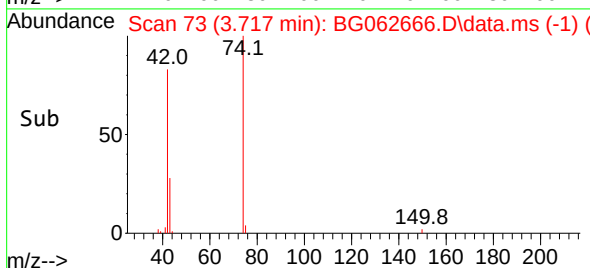
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

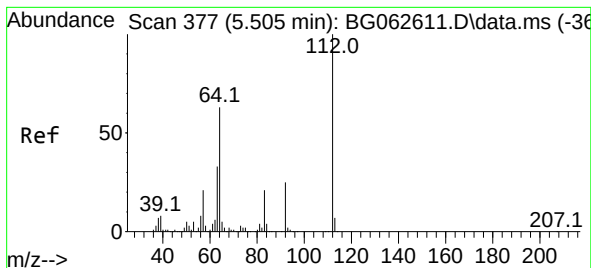


#4
n-Nitrosodimethylamine
Concen: 8.338 ng
RT: 3.717 min Scan# 73
Delta R.T. 0.004 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



Tgt Ion: 42 Resp: 14235
Ion Ratio Lower Upper
42 100
74 115.5 98.0 147.0
44 19.2 7.4 11.2





#5

2-Fluorophenol

Concen: 130.706 ng

RT: 5.497 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

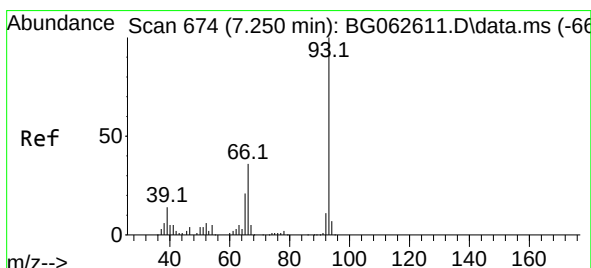
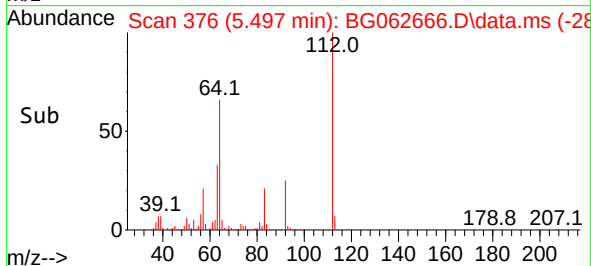
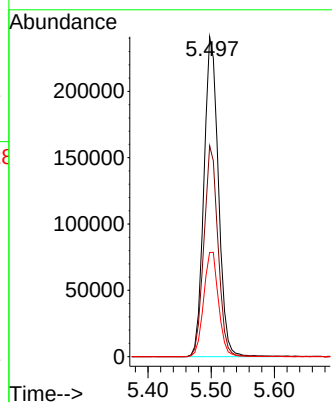
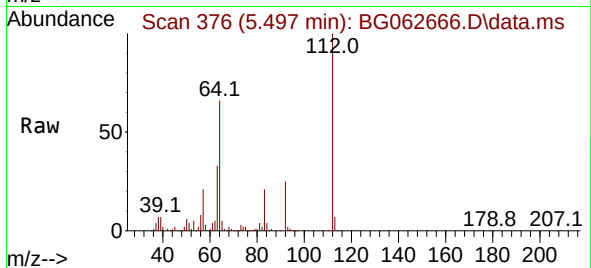
MDL-SOIL-03-QT2-2024

Tgt Ion:	112	Resp:	382408
Ion Ratio	Lower	Upper	
112	100		
64	65.9	50.2	75.2
63	32.6	26.6	39.8

Manual Integrations

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#6

Aniline

Concen: 10.093 ng

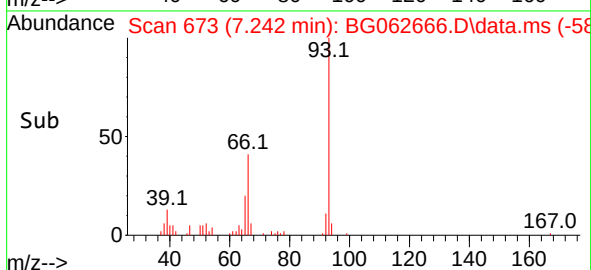
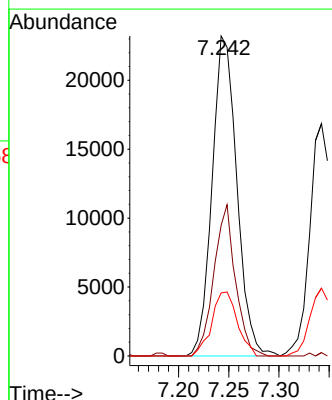
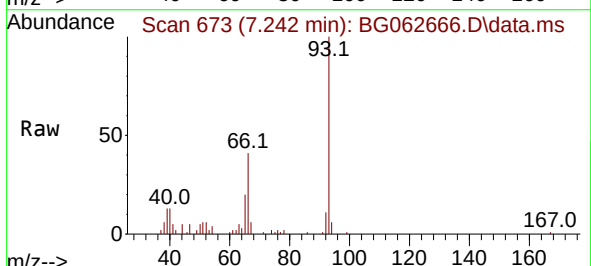
RT: 7.242 min Scan# 673

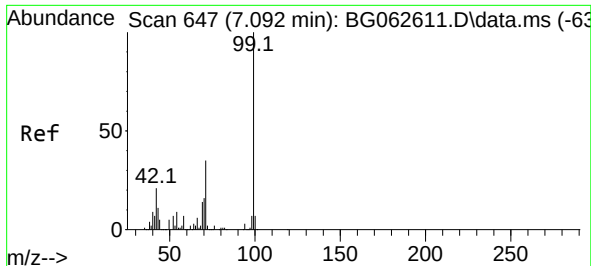
Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

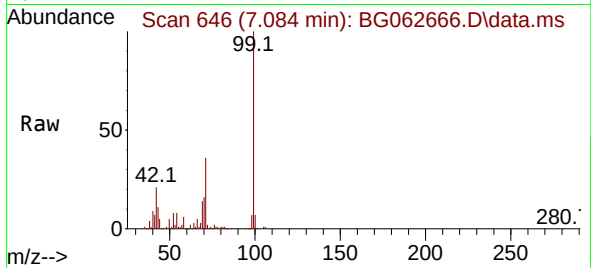
Tgt Ion:	93	Resp:	39854
Ion Ratio	Lower	Upper	
93	100		
66	40.8	29.1	43.7
65	19.7	16.6	25.0





#7
Phenol-d6
Concen: 125.068 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

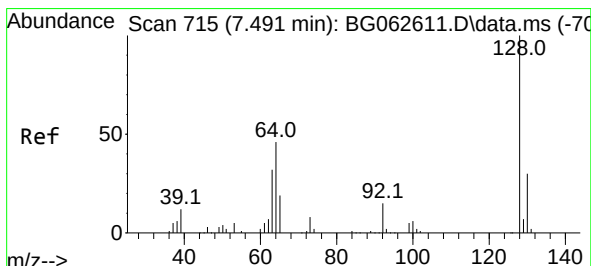
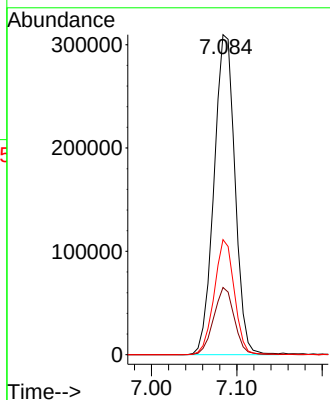
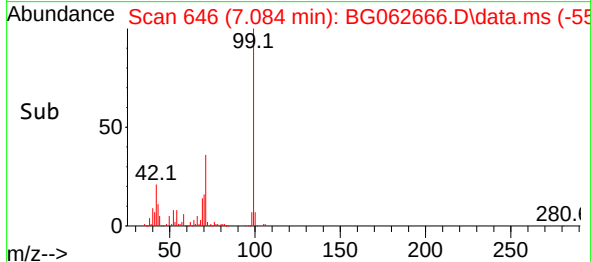
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 99 Resp: 52861
Ion Ratio Lower Upper
99 100
42 21.0 16.9 25.3
71 35.9 27.9 41.9

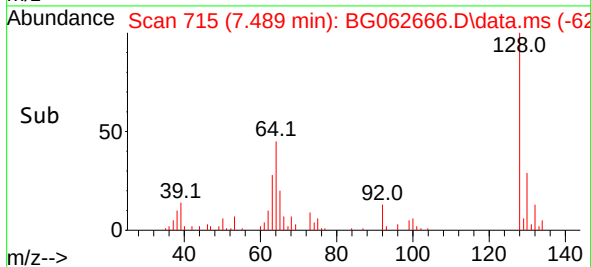
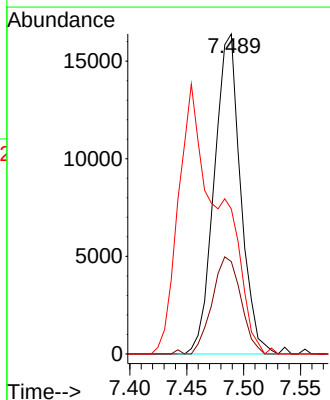
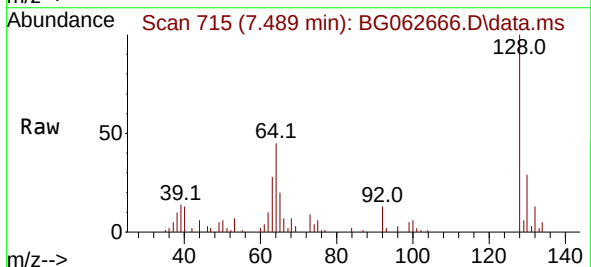
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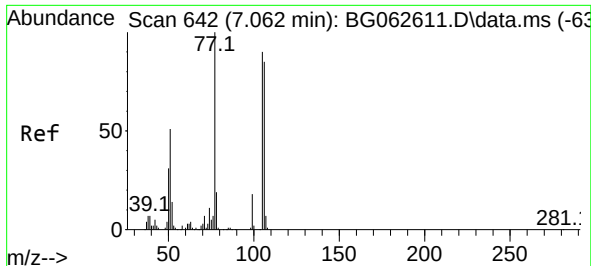
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#8
2-Chlorophenol
Concen: 8.413 ng
RT: 7.489 min Scan# 715
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

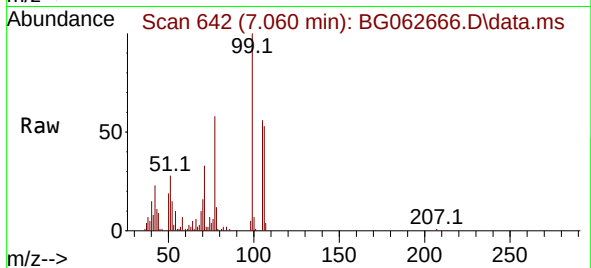
Tgt Ion:128 Resp: 26427
Ion Ratio Lower Upper
128 100
130 28.9 10.0 50.0
64 45.3 28.8 68.8





#9
Benzaldehyde
Concen: 11.041 ng
RT: 7.060 min Scan# 642
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

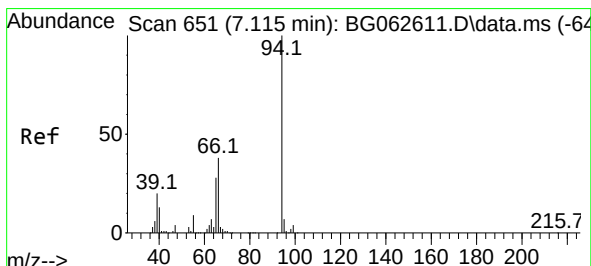
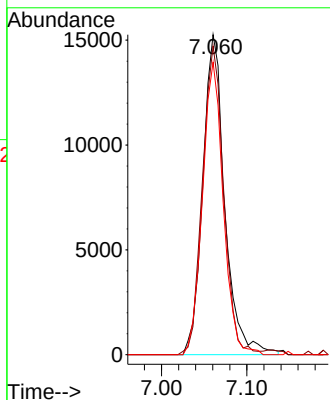
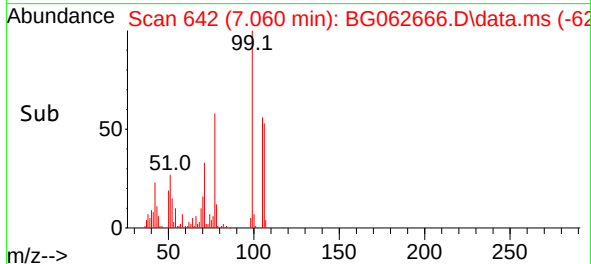
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion: 77 Resp: 27140
Ion Ratio Lower Upper
77 100
105 96.4 70.2 110.2
106 91.4 65.4 105.4

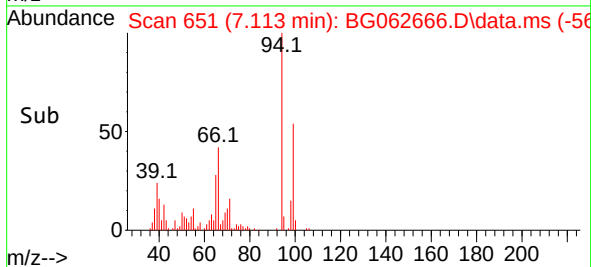
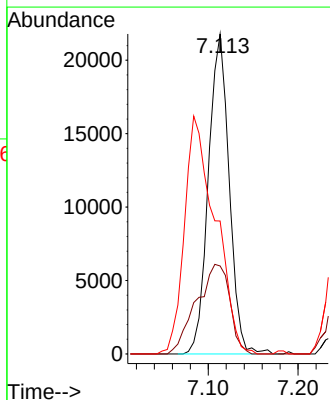
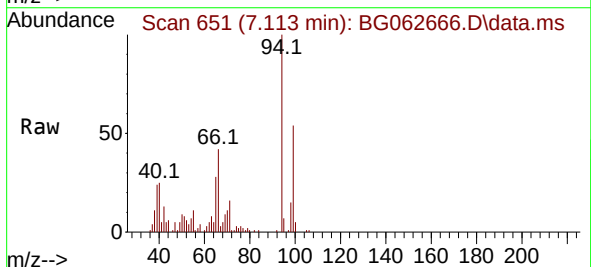
Manual Integrations
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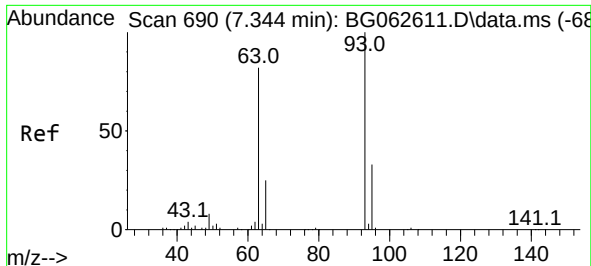
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Phenol
Concen: 8.180 ng
RT: 7.113 min Scan# 651
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion: 94 Resp: 35002
Ion Ratio Lower Upper
94 100
65 27.5 8.6 48.6
66 41.5 18.2 58.2





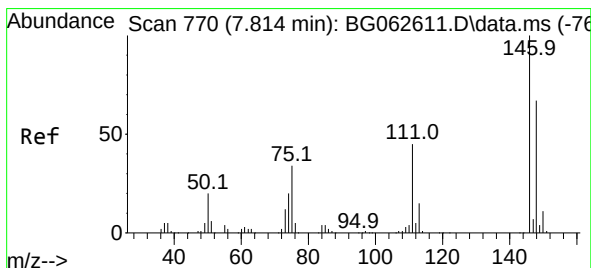
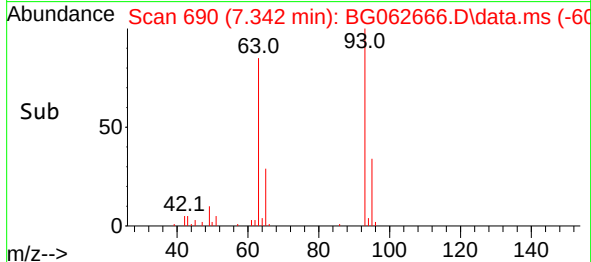
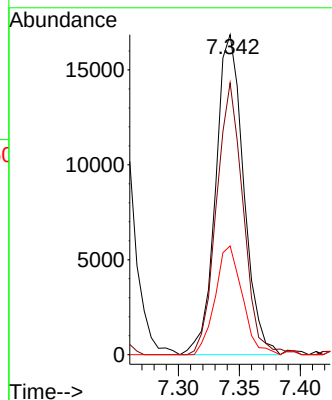
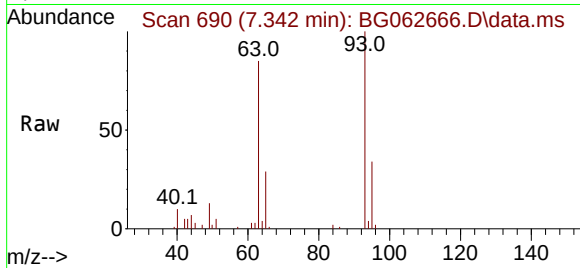
#11
bis(2-Chloroethyl)ether
Concen: 8.210 ng
RT: 7.342 min Scan# 690
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion: 93 Resp: 26890
Ion Ratio Lower Upper
93 100
63 84.9 61.9 101.9
95 34.0 12.9 52.9

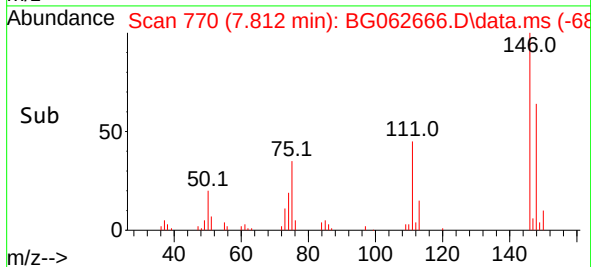
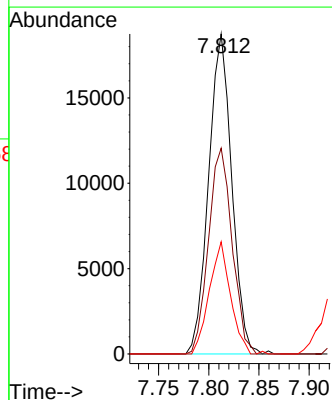
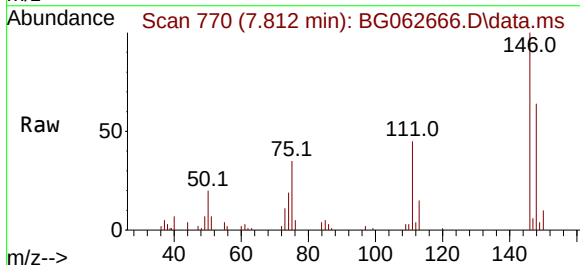
Manual Integrations
APPROVED

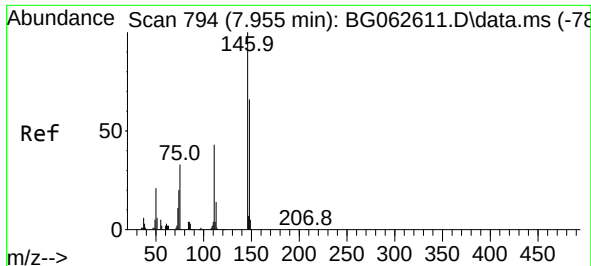
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#12
1,3-Dichlorobenzene
Concen: 8.729 ng
RT: 7.812 min Scan# 770
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:146 Resp: 30089
Ion Ratio Lower Upper
146 100
148 64.3 53.9 80.9
75 35.1 27.0 40.4





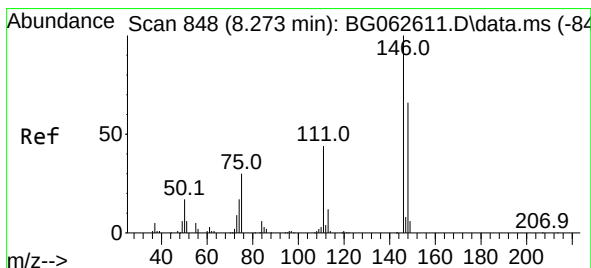
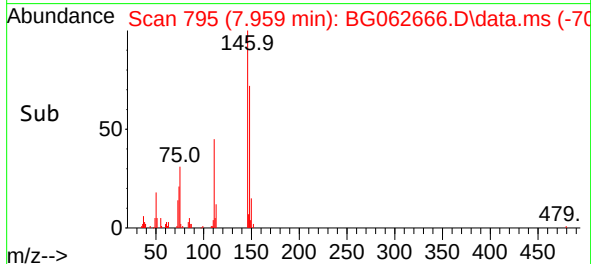
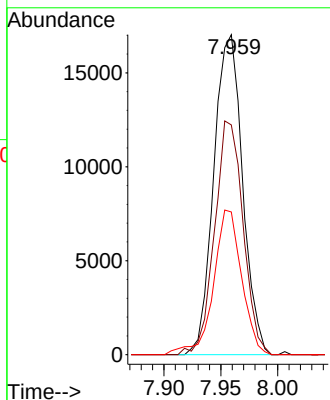
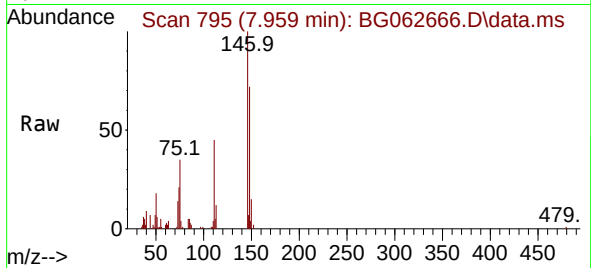
#13
1,4-Dichlorobenzene
Concen: 8.453 ng
RT: 7.959 min Scan# 795
Delta R.T. 0.004 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:146 Resp: 2998
Ion Ratio Lower Upper
146 100
148 71.8 53.0 79.6
111 44.6 34.9 52.3

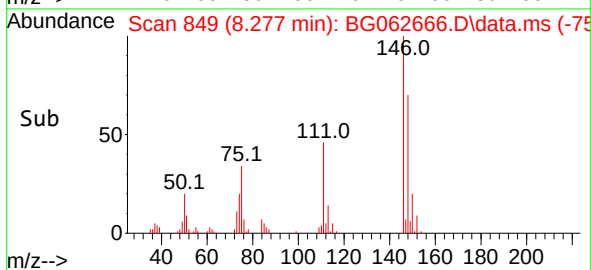
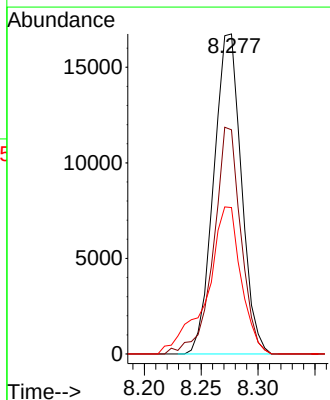
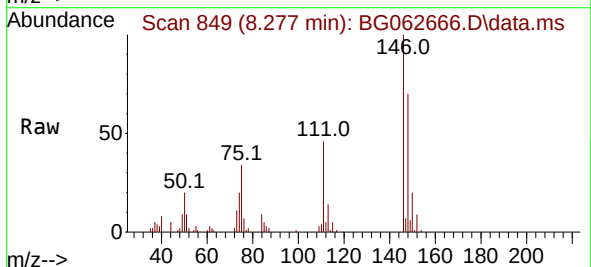
Manual Integrations
APPROVED

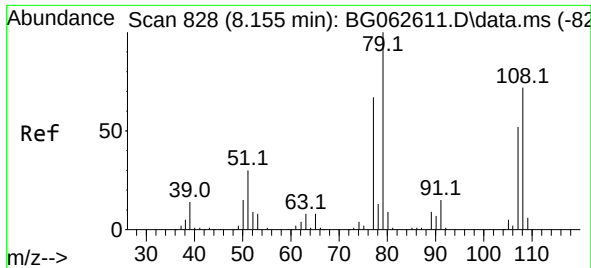
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 8.117 ng
RT: 8.277 min Scan# 849
Delta R.T. 0.004 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

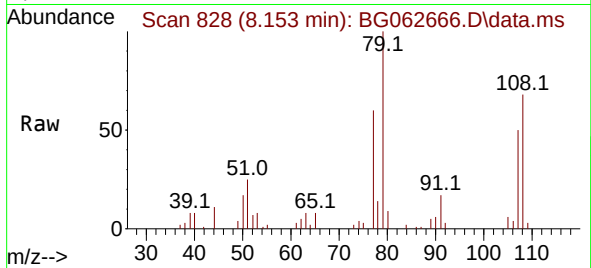
Tgt Ion:146 Resp: 28303
Ion Ratio Lower Upper
146 100
148 70.1 52.5 78.7
111 45.7 35.5 53.3





#15
Benzyl Alcohol
Concen: 8.249 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

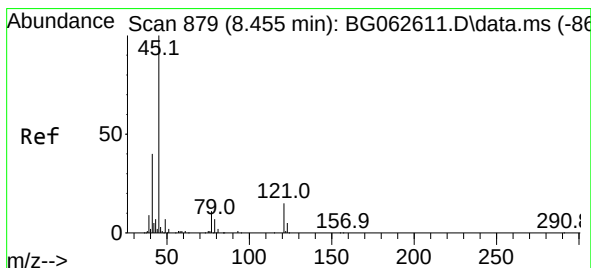
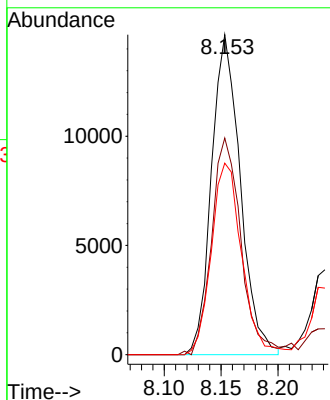
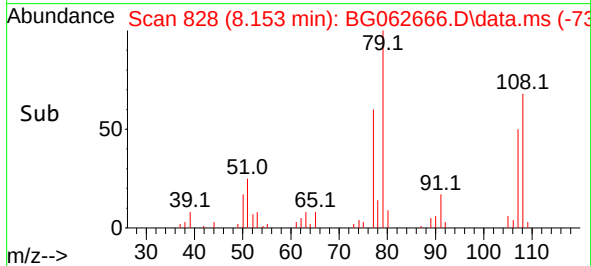
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



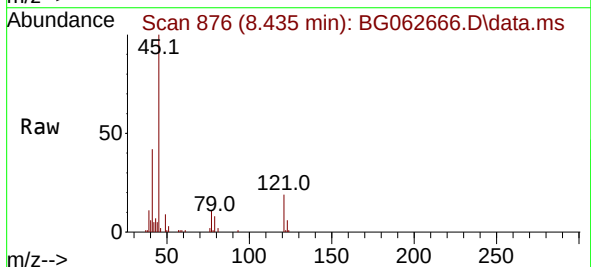
Tgt Ion: 79 Resp: 2579
Ion Ratio Lower Upper
79 100
108 67.7 57.9 86.9
77 59.8 53.4 80.2

Manual Integrations
APPROVED

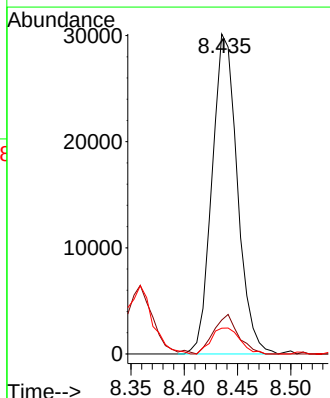
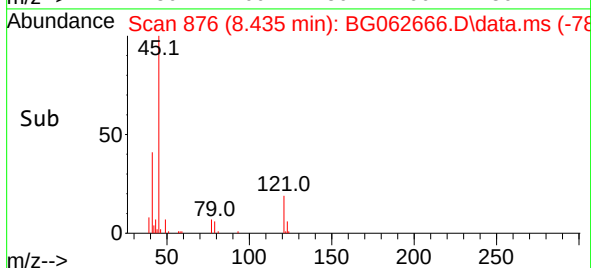
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

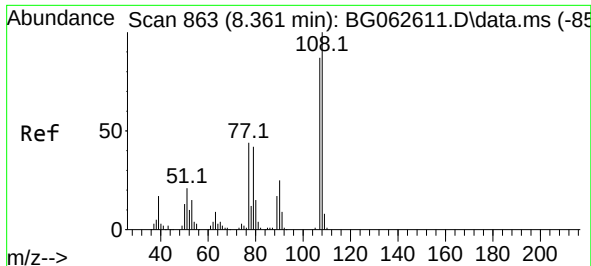


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.973 ng
RT: 8.435 min Scan# 876
Delta R.T. -0.020 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



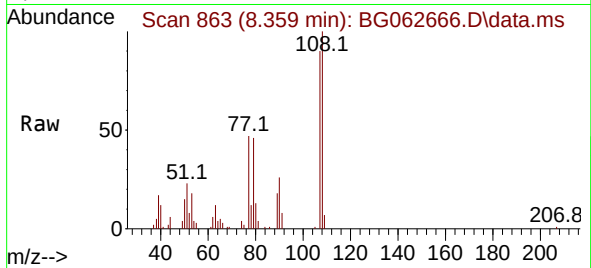
Tgt Ion: 45 Resp: 49781
Ion Ratio Lower Upper
45 100
77 10.6 0.0 31.7
79 8.1 0.0 28.3





#17
2-Methylphenol
Concen: 7.525 ng
RT: 8.359 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

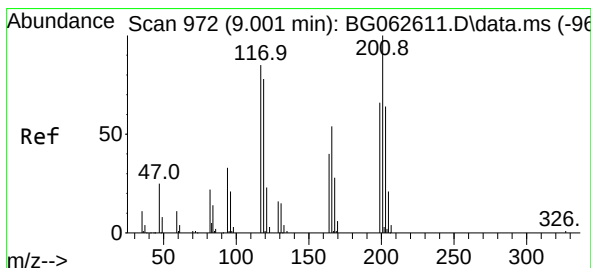
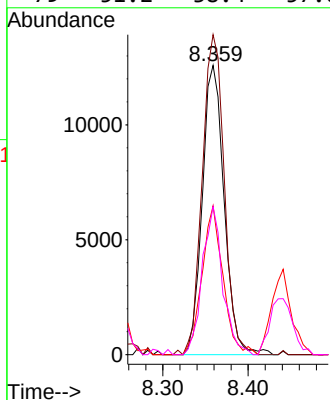
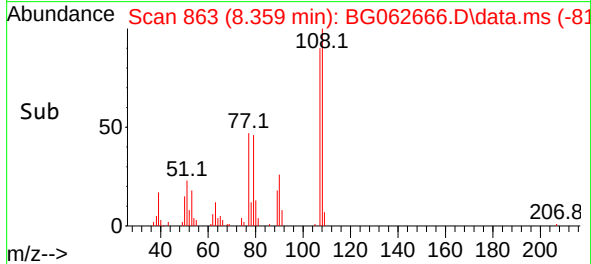
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:	107	Resp:	2244
Ion	Ratio	Lower	Upper
107	100		
108	110.6	91.5	137.3
77	51.4	40.0	60.0
79	51.2	38.4	57.6

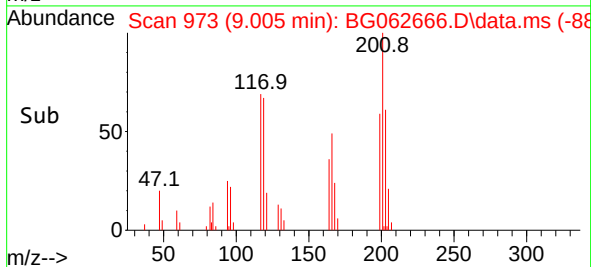
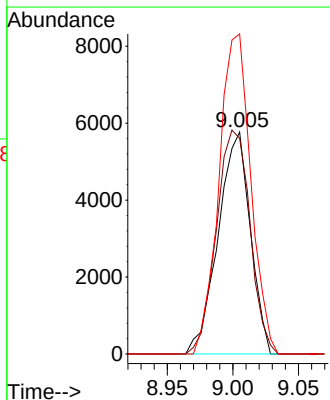
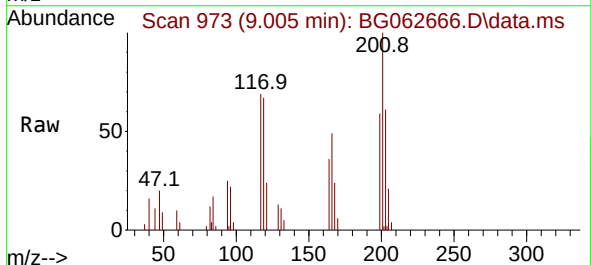
Manual Integrations
APPROVED

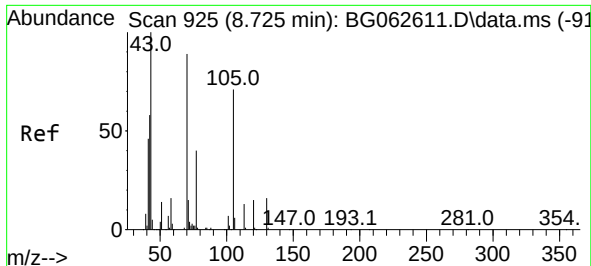
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 7.371 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

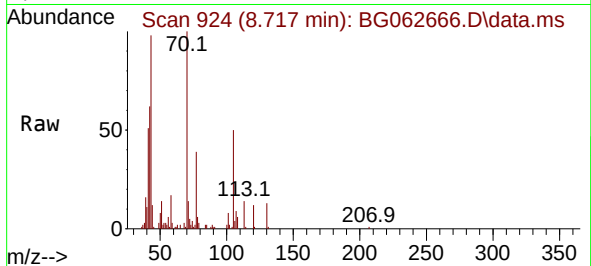
Tgt Ion:	117	Resp:	9804
Ion	Ratio	Lower	Upper
117	100		
119	97.2	73.4	110.0
201	146.9	93.9	140.9#





#19
n-Nitroso-di-n-propylamine
Concen: 7.417 ng
RT: 8.717 min Scan# 919
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

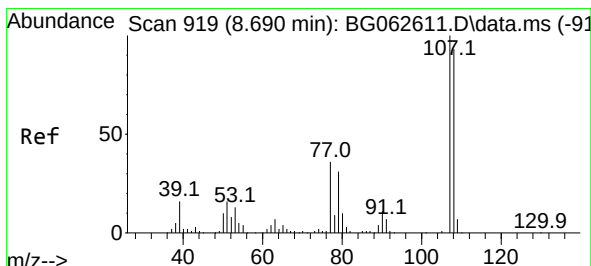
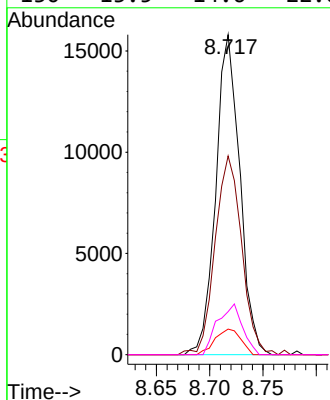
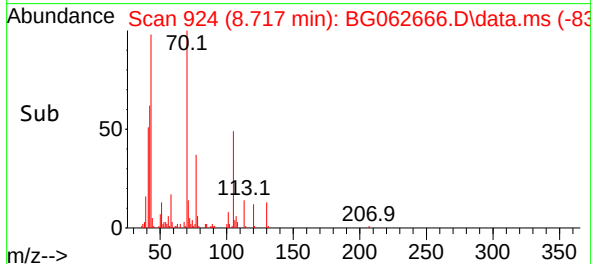
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion: 70 Resp: 2470
Ion Ratio Lower Upper
70 100
42 62.1 52.3 78.5
101 8.0 6.6 9.8
130 13.5 14.6 22.0#

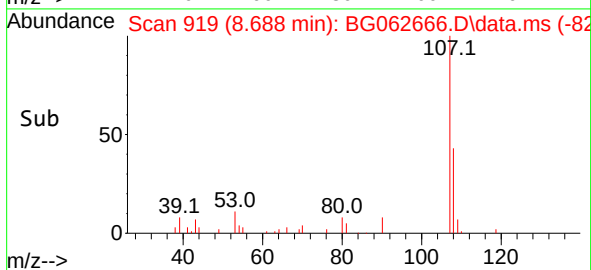
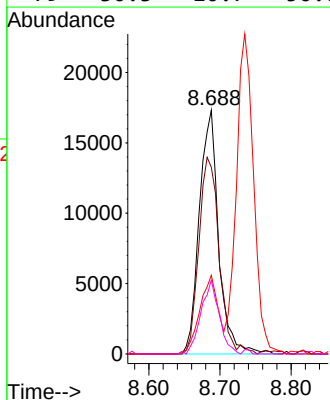
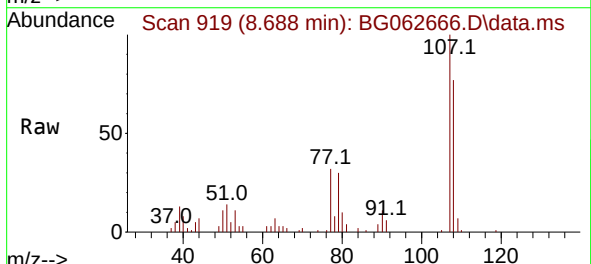
Manual Integrations
APPROVED

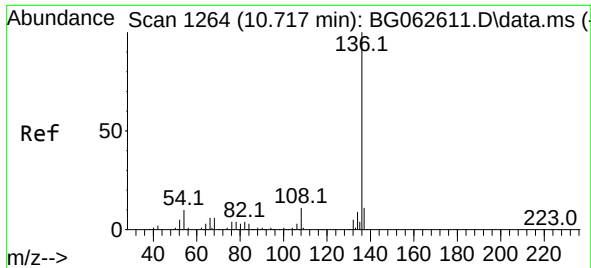
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#20
3+4-Methylphenols
Concen: 7.439 ng
RT: 8.688 min Scan# 919
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

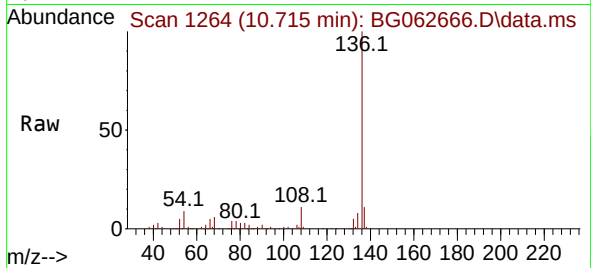
Tgt Ion:107 Resp: 32733
Ion Ratio Lower Upper
107 100
108 76.6 72.7 112.7
77 32.3 16.5 56.5
79 30.3 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

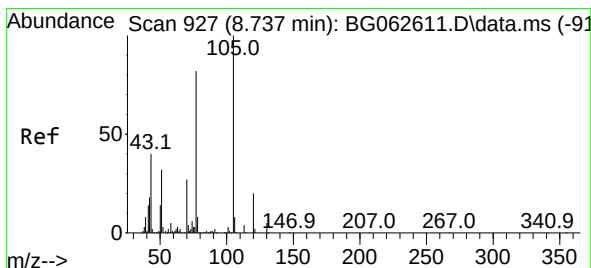
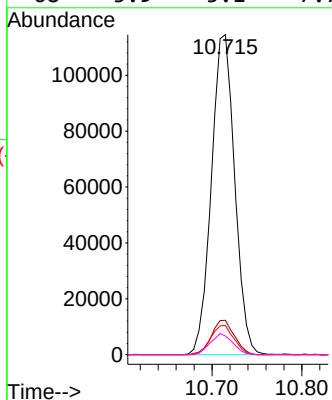
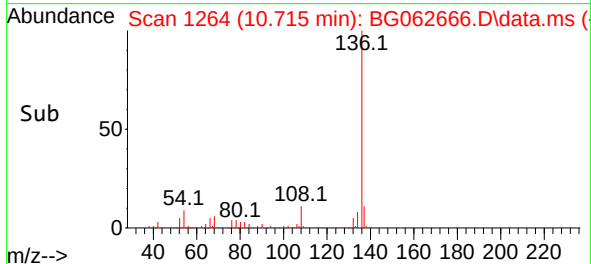
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:136 Resp: 206510
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 9.1 7.8 11.6
68 5.9 5.1 7.7

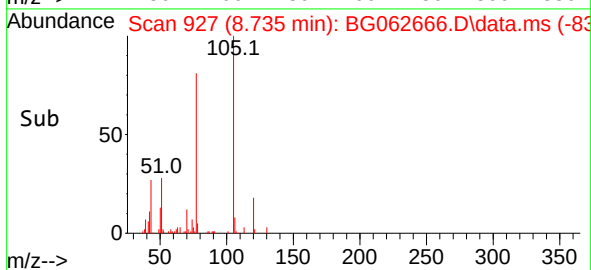
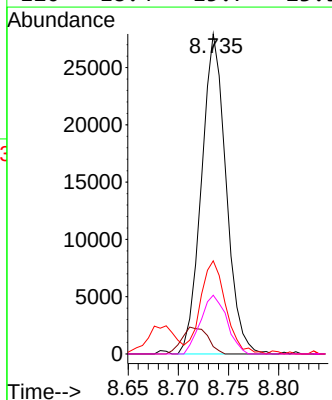
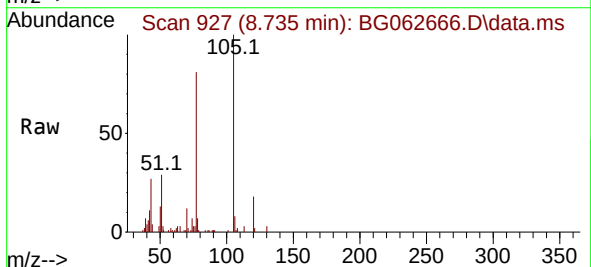
Manual Integrations
APPROVED

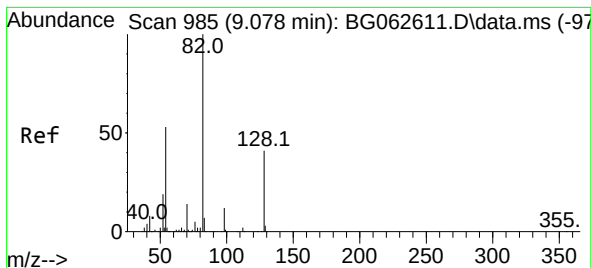
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 8.554 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:105 Resp: 47657
Ion Ratio Lower Upper
105 100
71 2.3 3.5 5.3#
51 29.1 25.7 38.5
120 18.4 15.7 23.5





#23

Nitrobenzene-d5

Concen: 97.075 ng

RT: 9.076 min Scan# 90

Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion: 82 Resp: 37223

Ion Ratio Lower Upper

82 100

128 39.7 32.5 48.7

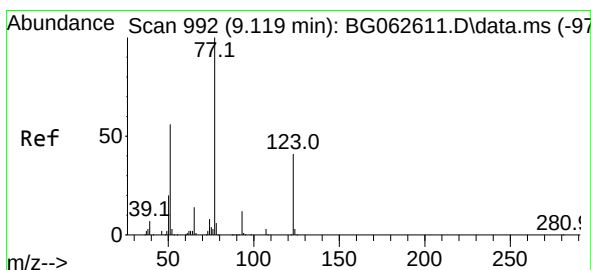
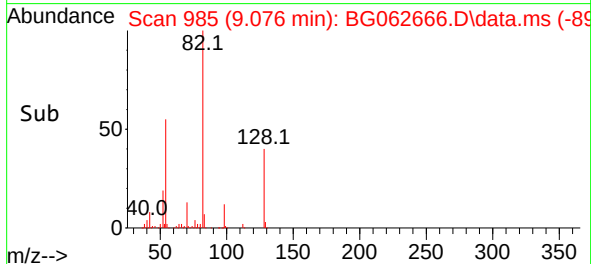
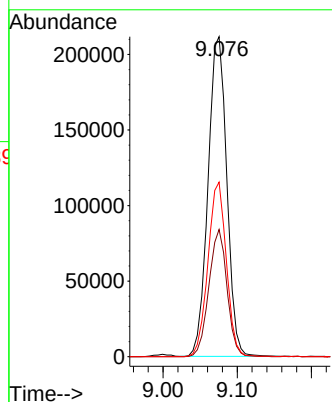
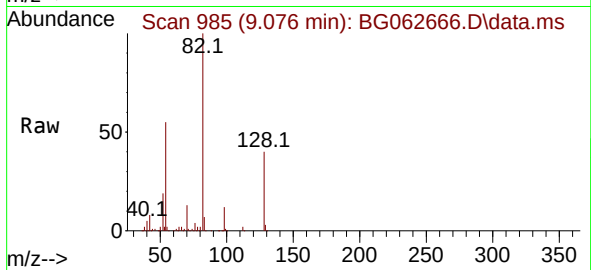
54 54.5 42.5 63.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#24

Nitrobenzene

Concen: 8.821 ng

RT: 9.111 min Scan# 991

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

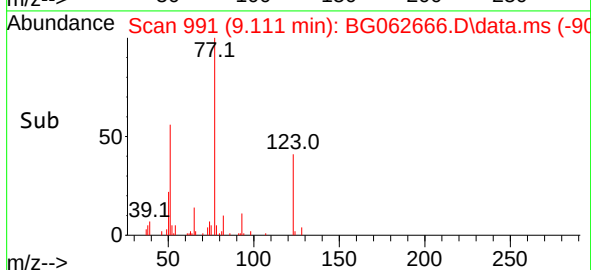
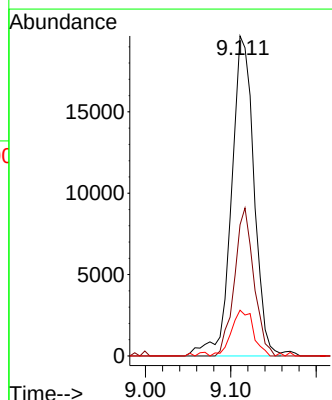
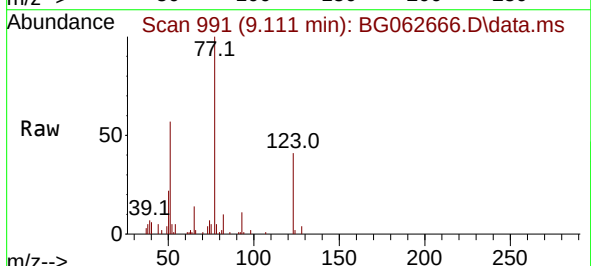
Tgt Ion: 77 Resp: 35965

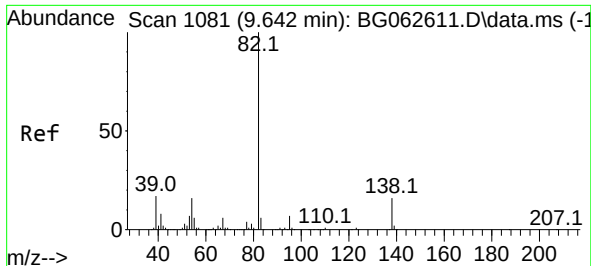
Ion Ratio Lower Upper

77 100

123 41.0 33.1 49.7

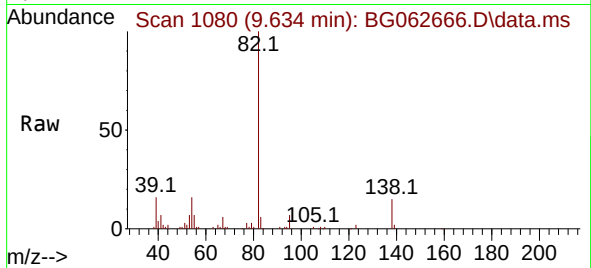
65 14.3 11.0 16.4





#25
Isophorone
Concen: 7.861 ng
RT: 9.634 min Scan# 1080
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

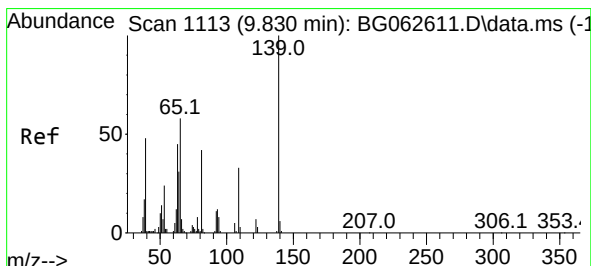
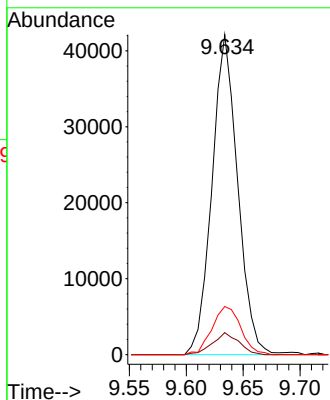
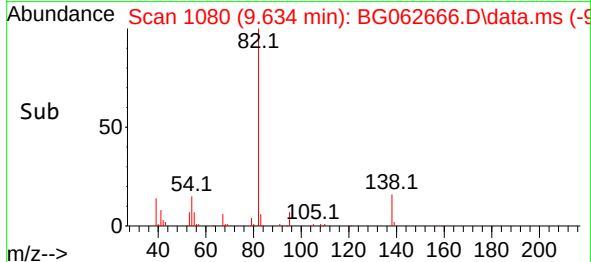
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



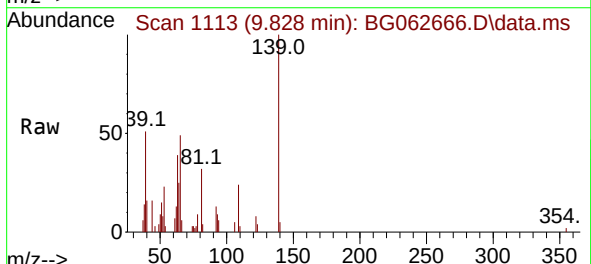
Tgt Ion: 82 Resp: 6616
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 15.1 12.6 18.8

Manual Integrations
APPROVED

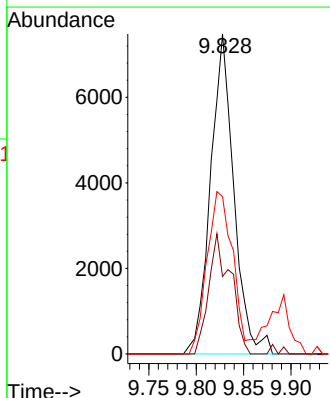
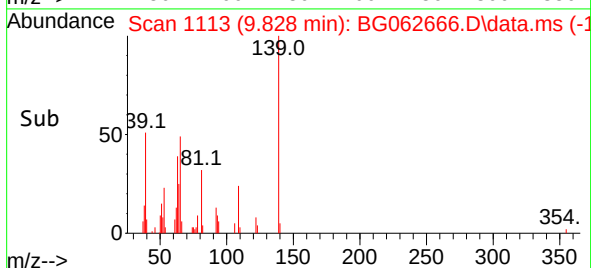
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

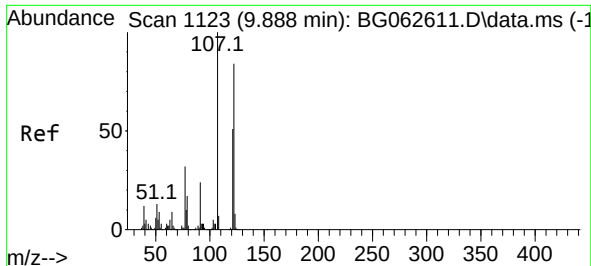


#26
2-Nitrophenol
Concen: 8.325 ng
RT: 9.828 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



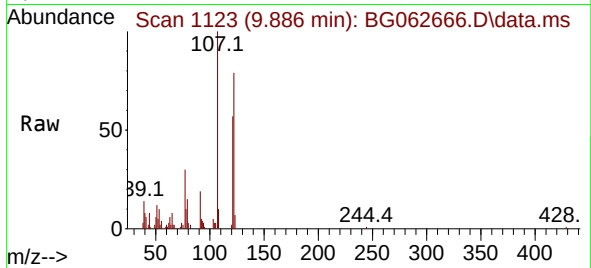
Tgt Ion:139 Resp: 12824
Ion Ratio Lower Upper
139 100
109 24.2 26.6 39.8#
65 49.2 46.5 69.7





#27
2,4-Dimethylphenol
Concen: 7.347 ng
RT: 9.886 min Scan# 1123
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

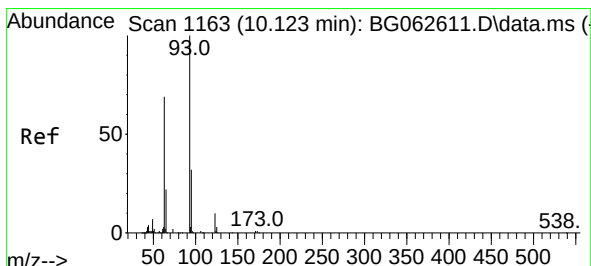
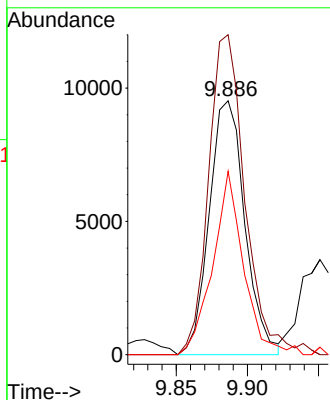
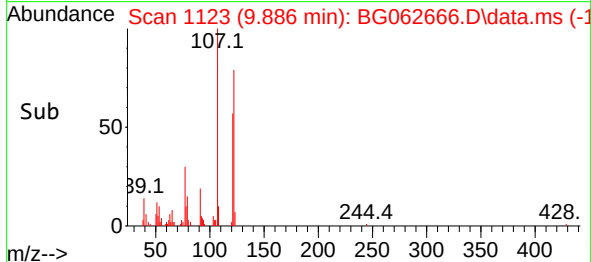
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024



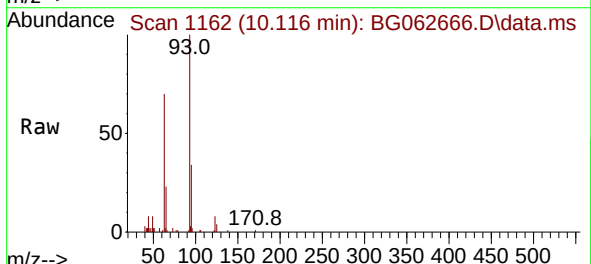
Tgt Ion:122 Resp: 16584
Ion Ratio Lower Upper
122 100
107 126.0 95.8 143.6
121 72.2 48.6 72.8

Manual Integrations
APPROVED

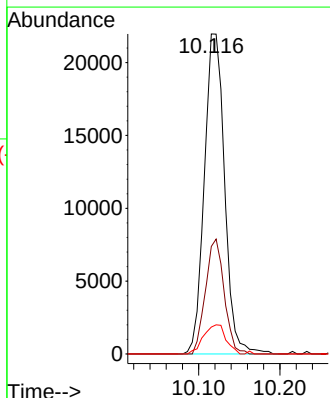
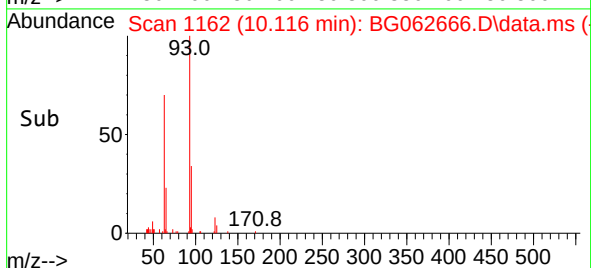
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

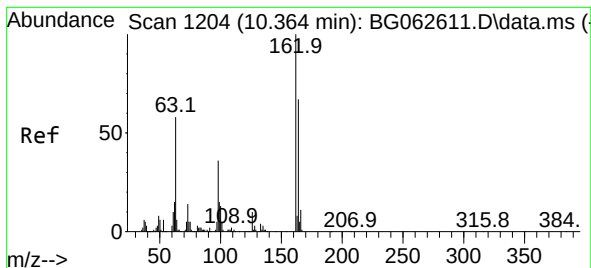


#28
bis(2-Chloroethoxy)methane
Concen: 8.452 ng
RT: 10.116 min Scan# 1162
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



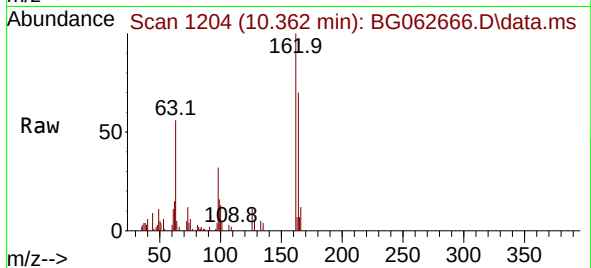
Tgt Ion: 93 Resp: 38086
Ion Ratio Lower Upper
93 100
95 33.6 25.4 38.0
123 8.4 7.9 11.9





#29
2,4-Dichlorophenol
Concen: 8.181 ng
RT: 10.362 min Scan# 1204
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

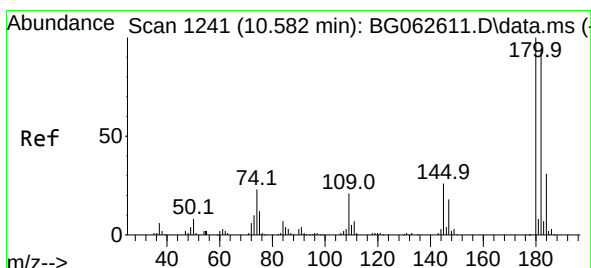
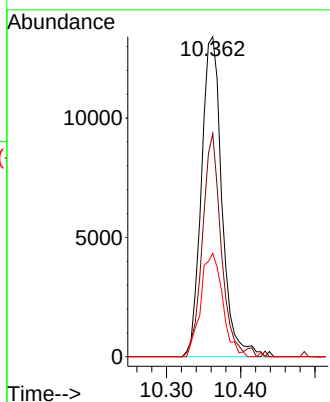
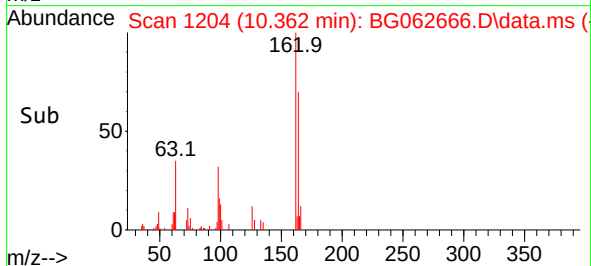
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



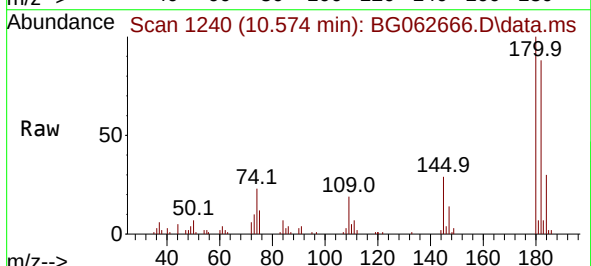
Tgt Ion:162 Resp: 25820
Ion Ratio Lower Upper
162 100
164 69.7 46.8 86.8
98 32.3 16.4 56.4

Manual Integrations
APPROVED

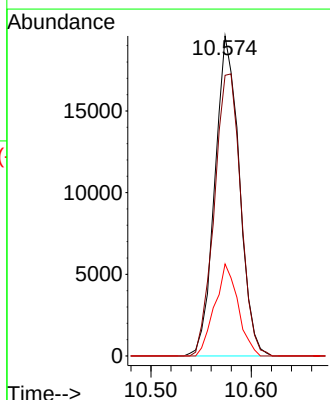
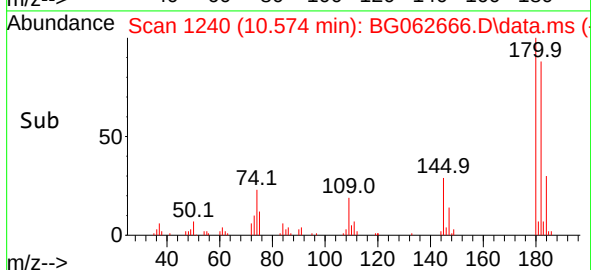
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

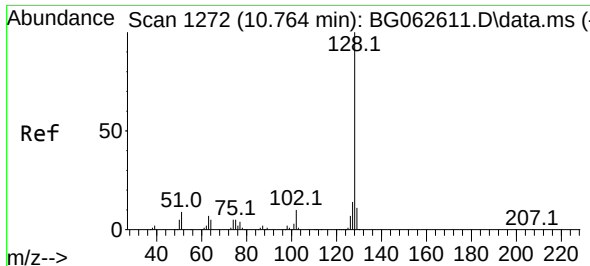


#30
1,2,4-Trichlorobenzene
Concen: 8.854 ng
RT: 10.574 min Scan# 1240
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



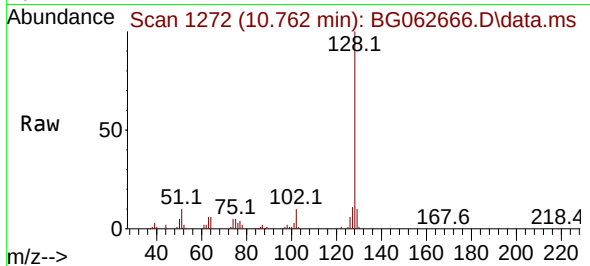
Tgt Ion:180 Resp: 33126
Ion Ratio Lower Upper
180 100
182 87.7 75.1 112.7
145 28.8 20.8 31.2





#31
Naphthalene
Concen: 8.660 ng
RT: 10.762 min Scan# 1134
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

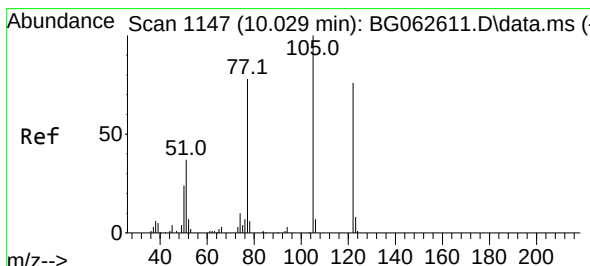
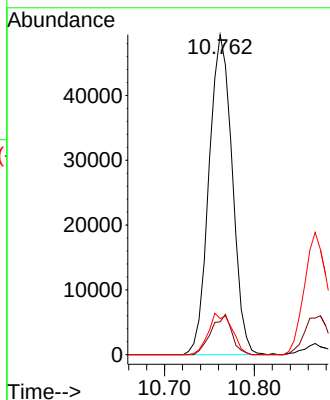
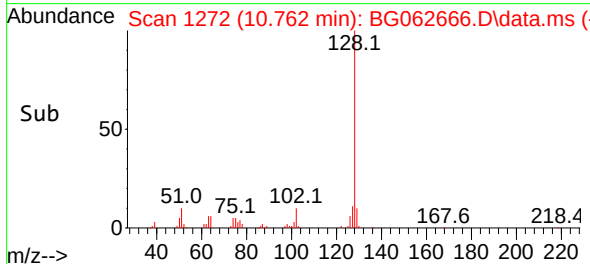
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:128 Resp: 8863
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 11.3 11.3 16.9

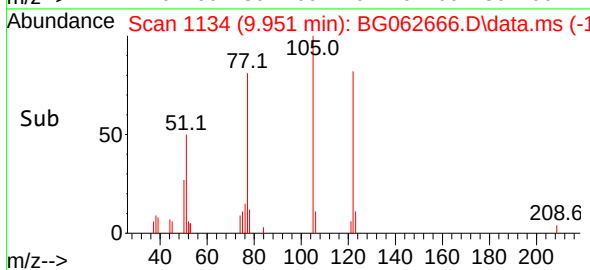
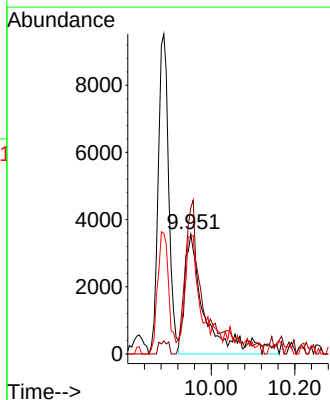
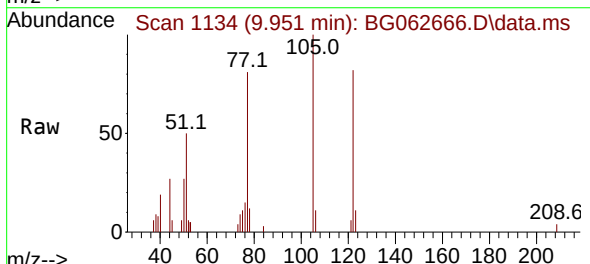
Manual Integrations
APPROVED

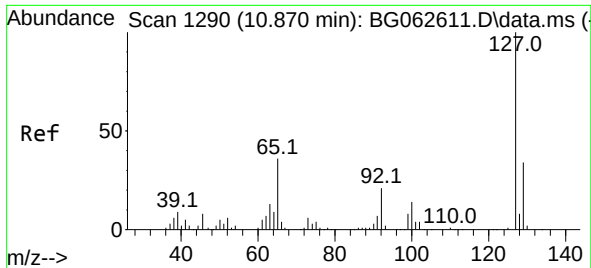
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 5.015 ng m
RT: 9.951 min Scan# 1134
Delta R.T. -0.078 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

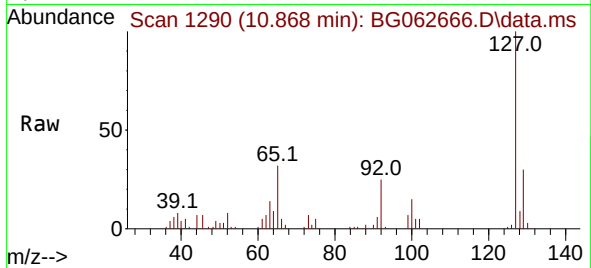
Tgt Ion:122 Resp: 12174
Ion Ratio Lower Upper
122 100
105 122.3 105.7 145.7
77 98.6 79.9 119.9





#33
4-Chloroaniline
Concen: 8.704 ng
RT: 10.868 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

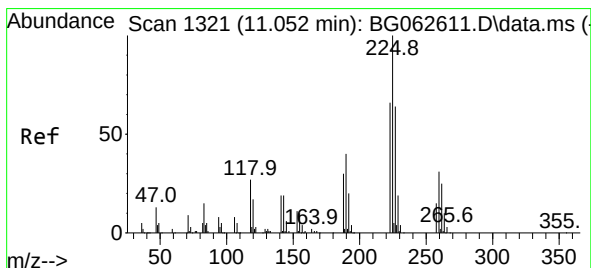
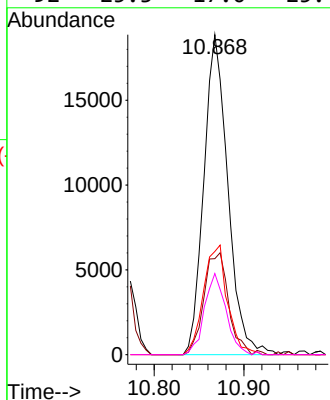
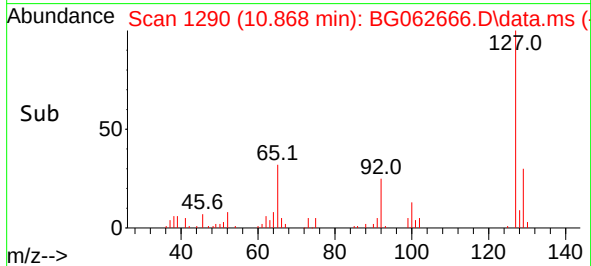
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	27.3	40.9
65	32.3	29.0	43.4
92	25.3	17.0	25.4

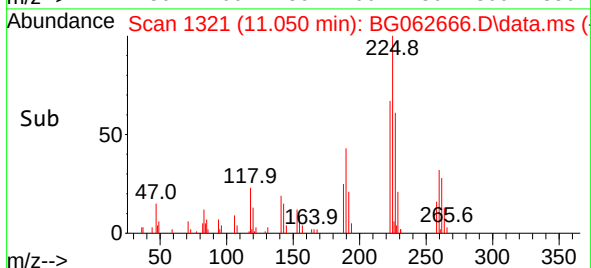
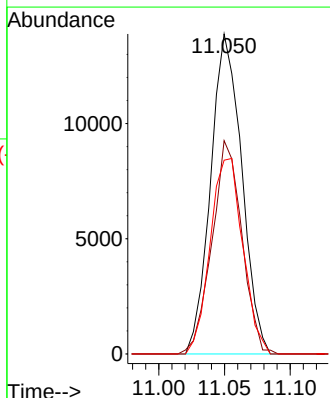
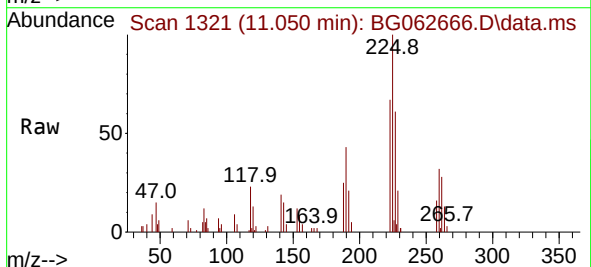
Manual Integrations
APPROVED

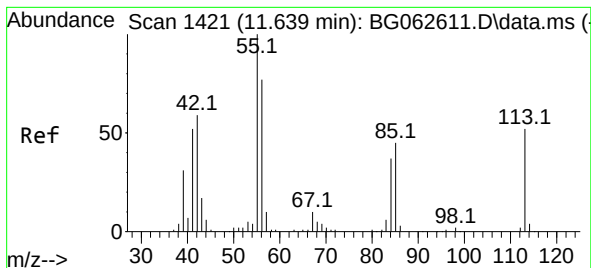
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 8.755 ng
RT: 11.050 min Scan# 1321
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	50.1	75.1
227	60.6	48.9	73.3





#35

Caprolactam

Concen: 8.187 ng

RT: 11.614 min Scan# 1417

Delta R.T. -0.025 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

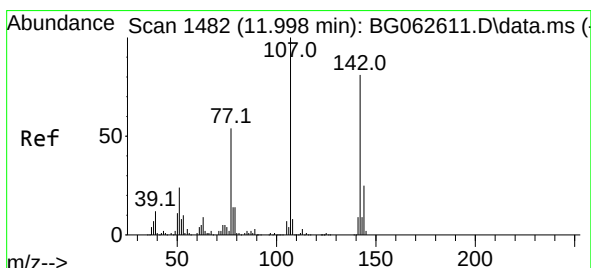
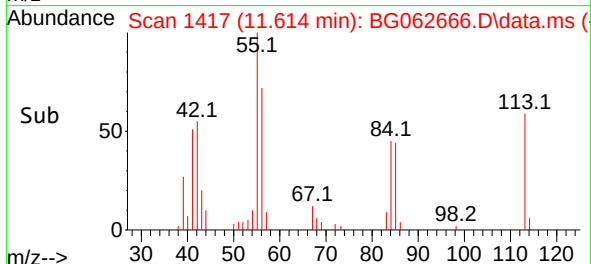
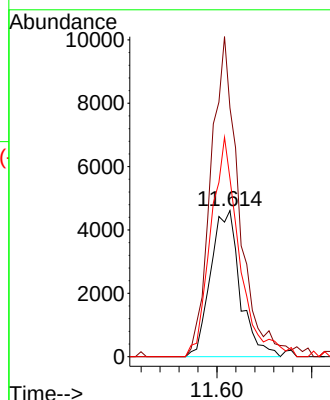
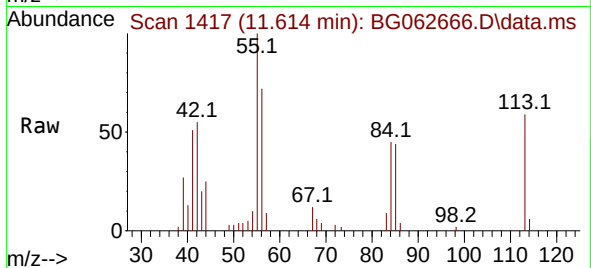
MDL-SOIL-03-QT2-2024

Tgt Ion:	113	Resp:	996
Ion Ratio	Lower	Upper	
113	100		
55	170.3	174.1	214.1
56	121.8	129.8	169.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#36

4-Chloro-3-methylphenol

Concen: 7.988 ng

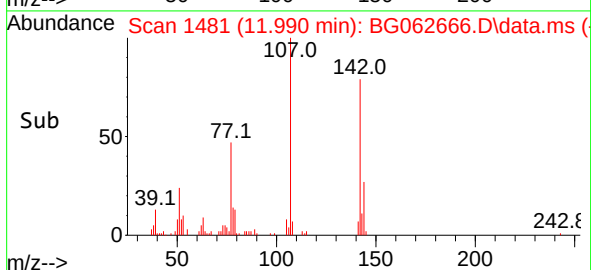
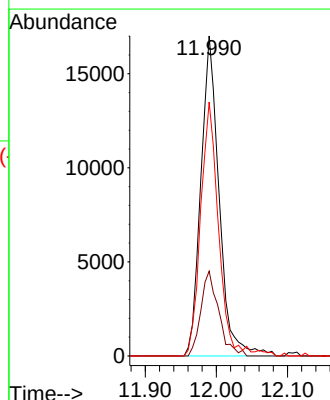
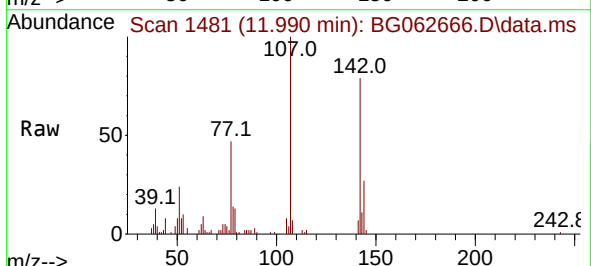
RT: 11.990 min Scan# 1481

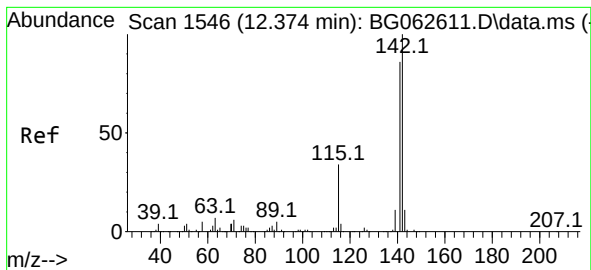
Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

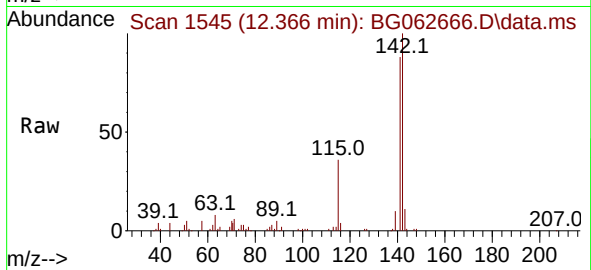
Tgt Ion:	107	Resp:	30408
Ion Ratio	Lower	Upper	
107	100		
144	26.5	19.8	29.8
142	79.4	64.7	97.1





#37
2-Methylnaphthalene
Concen: 8.244 ng
RT: 12.366 min Scan# 1545
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

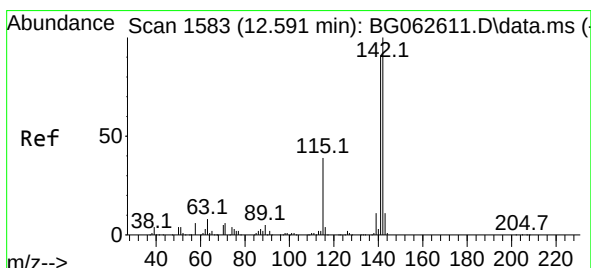
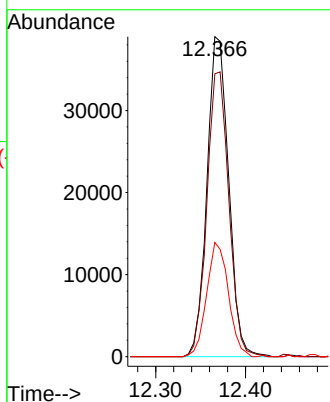
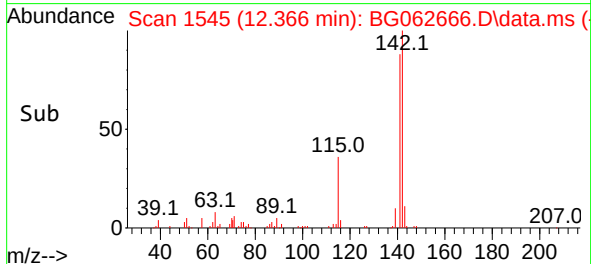
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:142 Resp: 6545
Ion Ratio Lower Upper
142 100
141 88.4 68.9 103.3
115 35.7 27.5 41.3

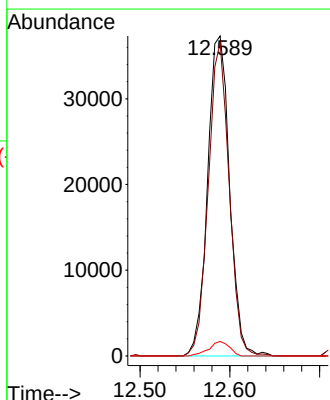
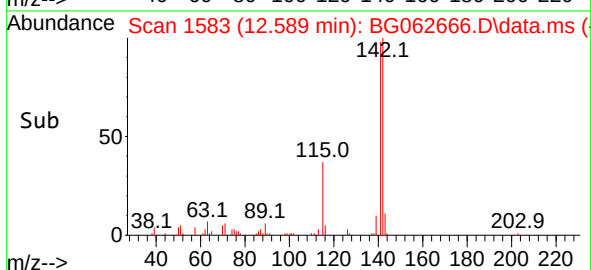
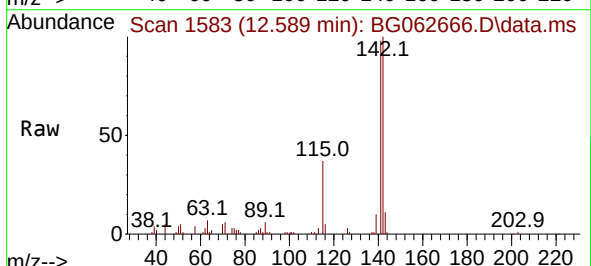
Manual Integrations
APPROVED

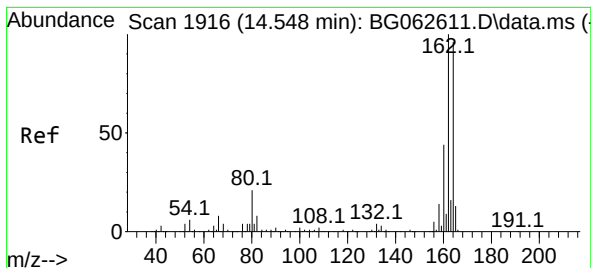
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#38
1-Methylnaphthalene
Concen: 7.951 ng
RT: 12.589 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:142 Resp: 63384
Ion Ratio Lower Upper
142 100
141 97.9 73.0 109.4
116 4.5 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.546 min Scan# 1916

Delta R.T. -0.002 min

Lab File: BG062666.D

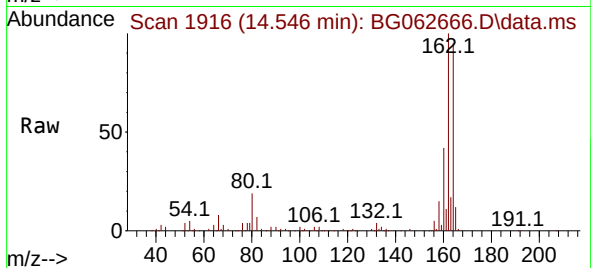
Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

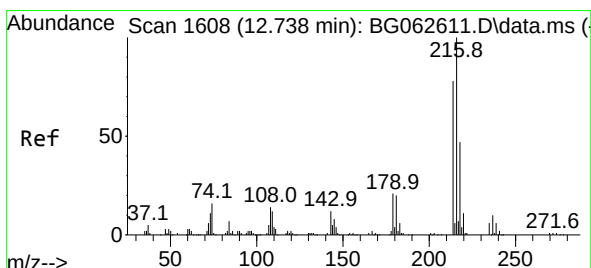
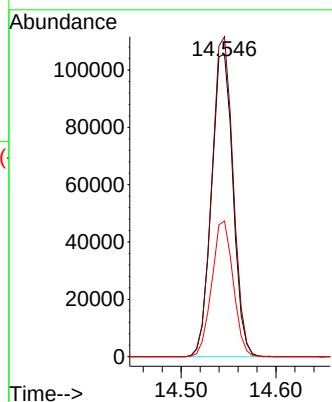
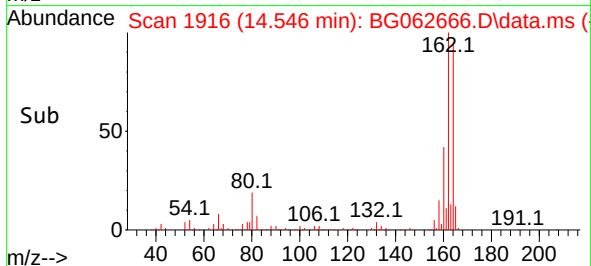


Tgt Ion:	164	Resp:	165940
Ion Ratio	Lower	Upper	
164	100		
162	105.8	83.1	124.7
160	44.9	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.271 ng

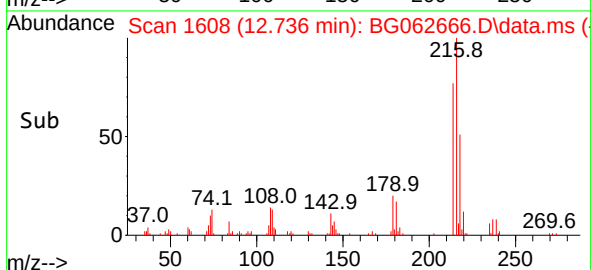
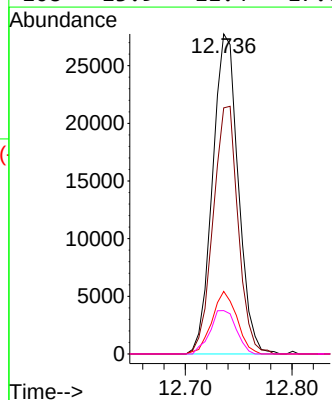
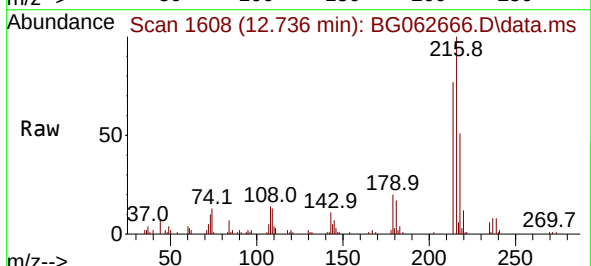
RT: 12.736 min Scan# 1608

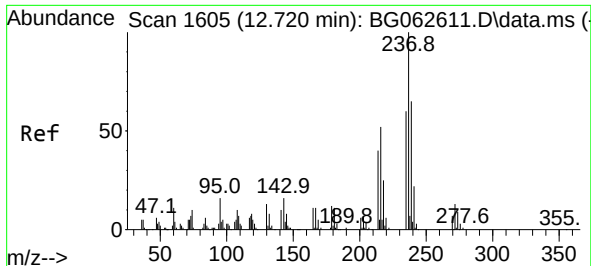
Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

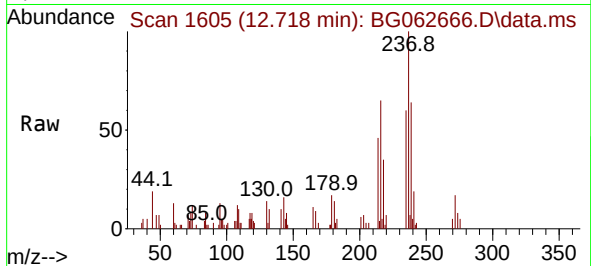
Tgt Ion:	216	Resp:	46266
Ion Ratio	Lower	Upper	
216	100		
214	75.2	61.6	92.4
179	19.0	15.9	23.9
108	13.9	11.4	17.0





#41
Hexachlorocyclopentadiene
Concen: 9.136 ng
RT: 12.718 min Scan# 1605
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

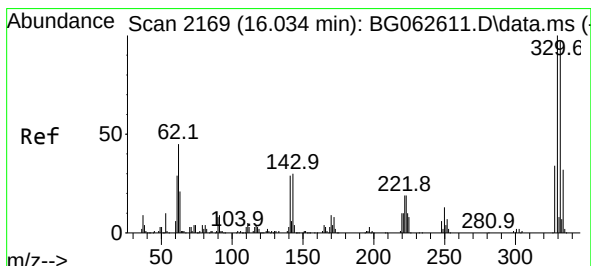
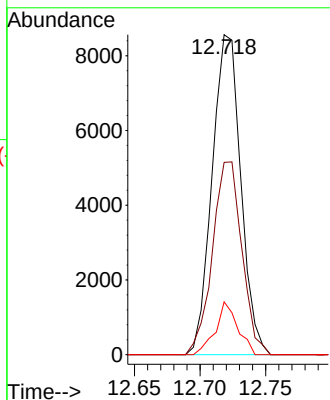
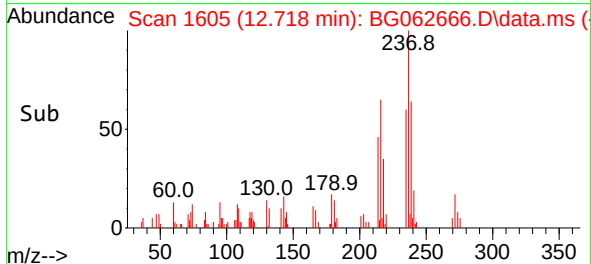
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:237 Resp: 13008
Ion Ratio Lower Upper
237 100
235 60.1 40.4 80.4
272 16.5 0.0 32.7

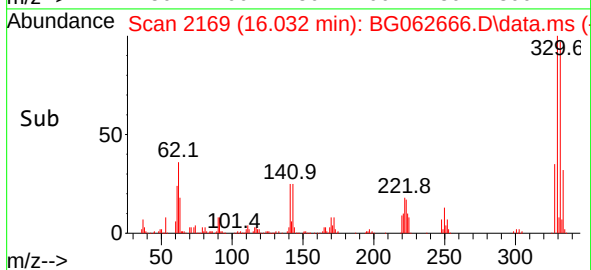
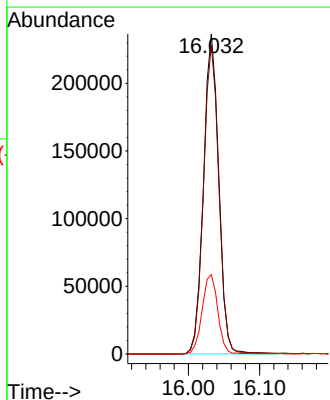
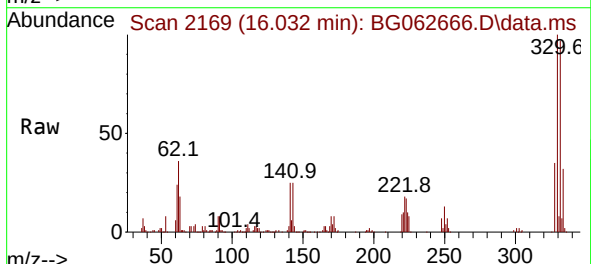
Manual Integrations
APPROVED

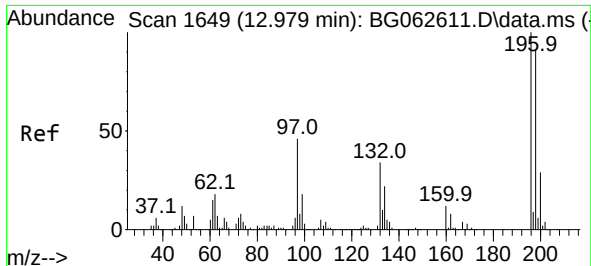
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#42
2,4,6-Tribromophenol
Concen: 151.397 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:330 Resp: 353570
Ion Ratio Lower Upper
330 100
332 97.0 77.2 115.8
141 25.5 22.2 33.4





#43

2,4,6-Trichlorophenol

Concen: 8.567 ng

RT: 12.977 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

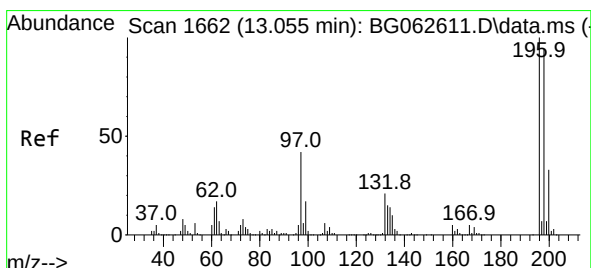
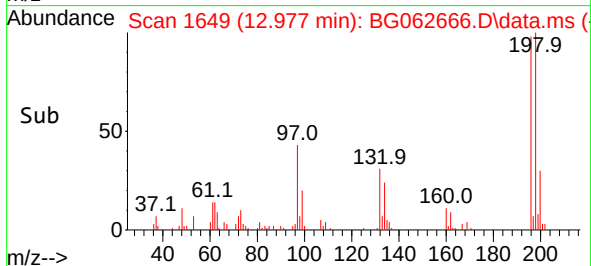
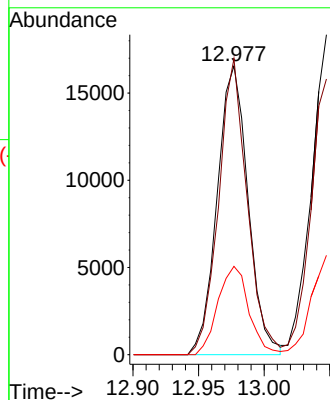
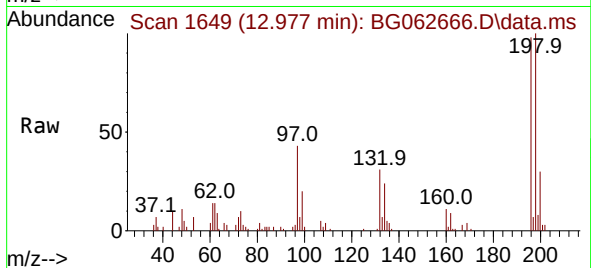
MDL-SOIL-03-QT2-2024

Tgt Ion:196 Resp: 27104
 Ion Ratio Lower Upper
 196 100
 198 102.6 72.8 109.2
 200 30.6 23.5 35.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#44

2,4,5-Trichlorophenol

Concen: 8.266 ng

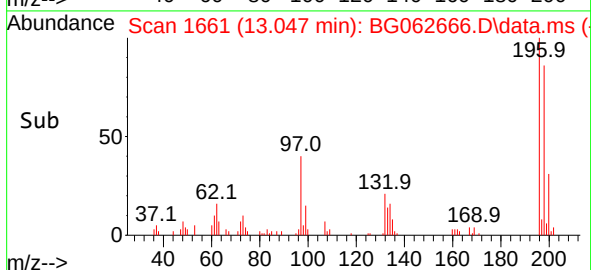
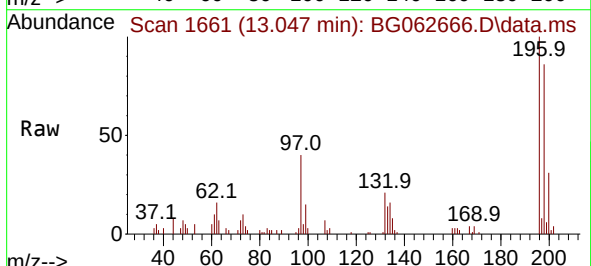
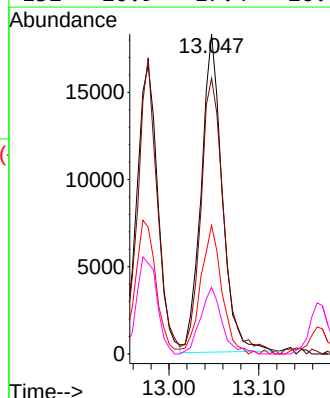
RT: 13.047 min Scan# 1661

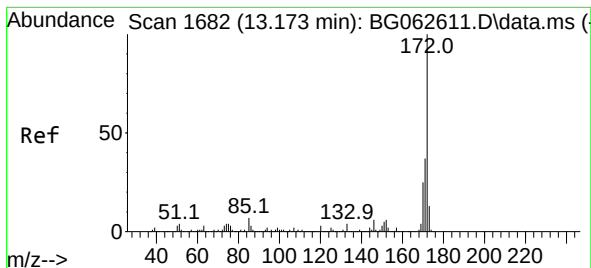
Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

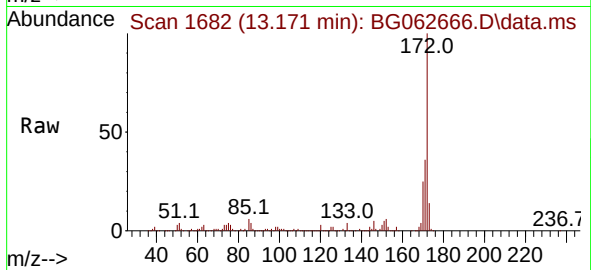
Tgt Ion:196 Resp: 29616
 Ion Ratio Lower Upper
 196 100
 198 86.2 75.5 113.3
 97 40.2 34.1 51.1
 132 20.9 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 94.981 ng
RT: 13.171 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

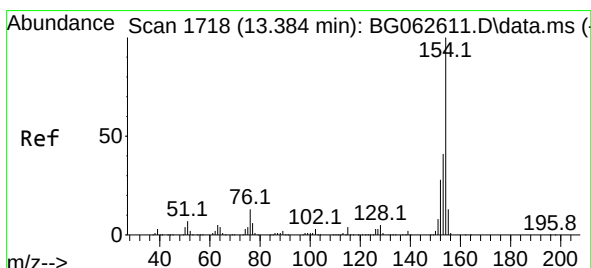
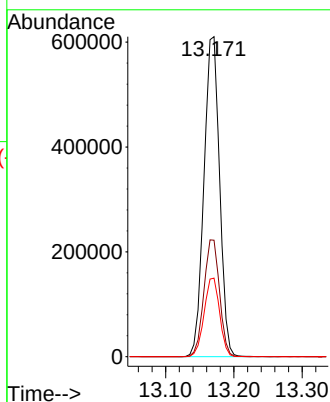
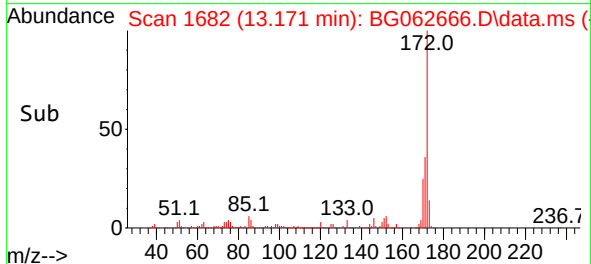
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



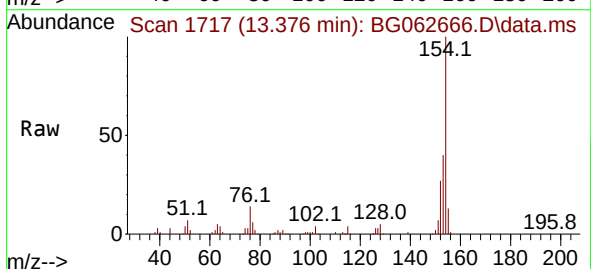
Tgt Ion:172 Resp: 973072
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.6 20.0 30.0

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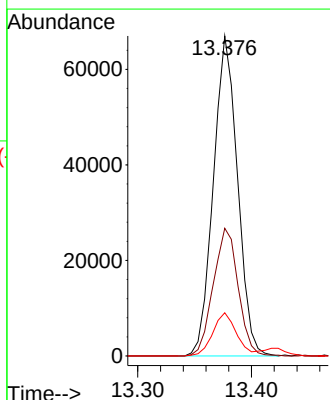
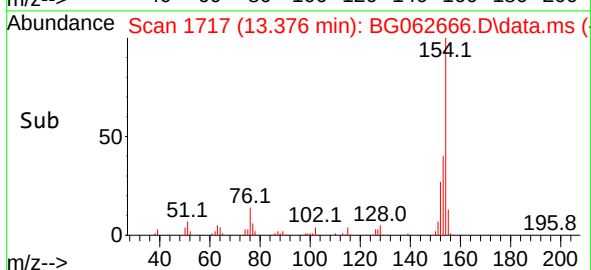
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

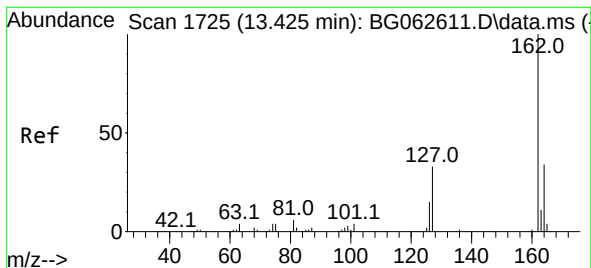


#46
1,1'-Biphenyl
Concen: 8.930 ng
RT: 13.376 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



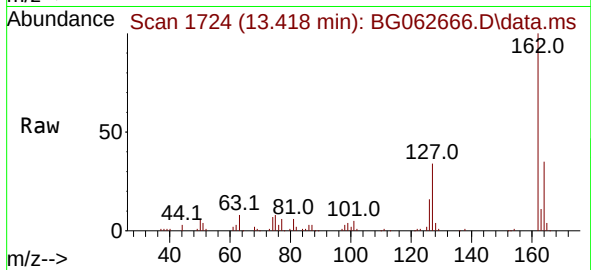
Tgt Ion:154 Resp: 98864
Ion Ratio Lower Upper
154 100
153 39.9 20.8 60.8
76 13.5 0.0 33.4





#47
2-Chloronaphthalene
Concen: 8.663 ng
RT: 13.418 min Scan# 1724
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

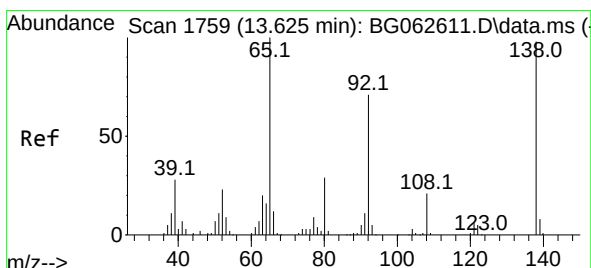
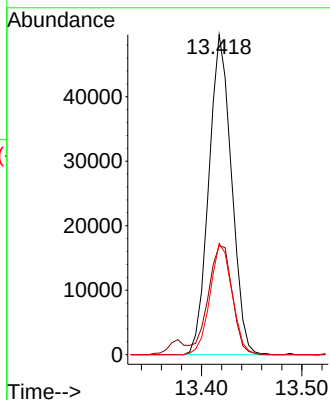
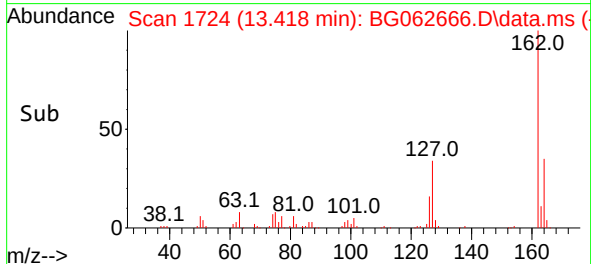
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:162 Resp: 7773
Ion Ratio Lower Upper
162 100
127 34.1 28.7 43.1
164 34.7 26.9 40.3

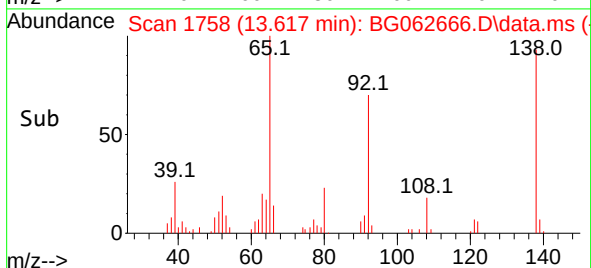
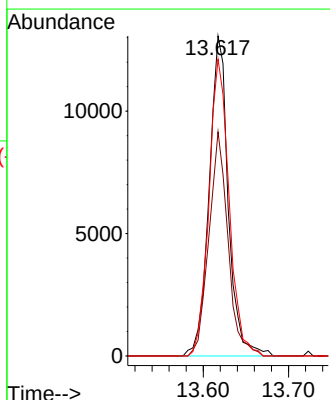
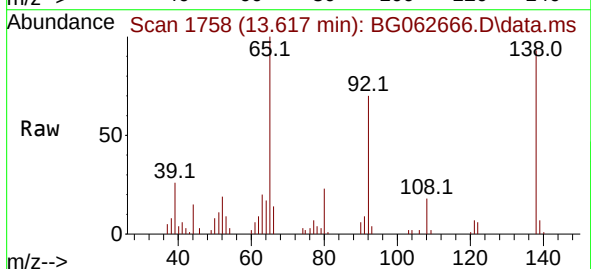
Manual Integrations
APPROVED

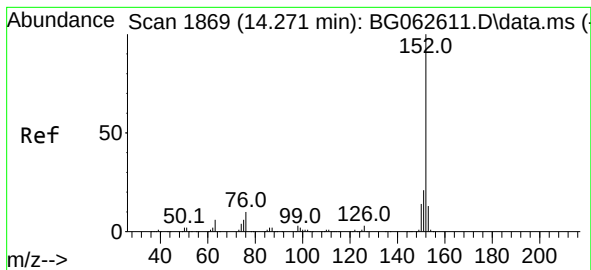
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#48
2-Nitroaniline
Concen: 8.636 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion: 65 Resp: 20381
Ion Ratio Lower Upper
65 100
92 70.1 56.6 84.8
138 92.8 78.7 118.1





#49

Acenaphthylene

Concen: 9.499 ng

RT: 14.264 min Scan# 1868

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:152 Resp: 126209

Ion Ratio Lower Upper

152 100

151 19.0 16.6 24.8

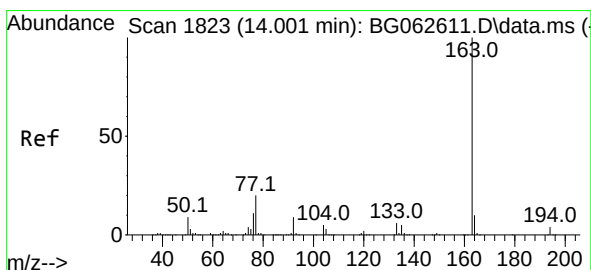
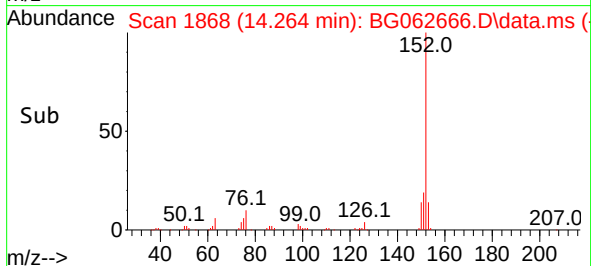
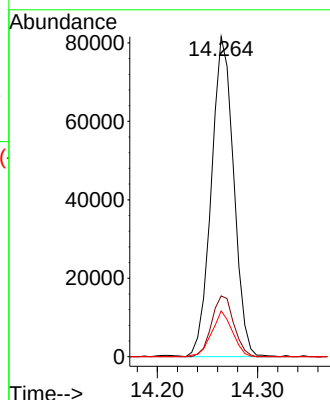
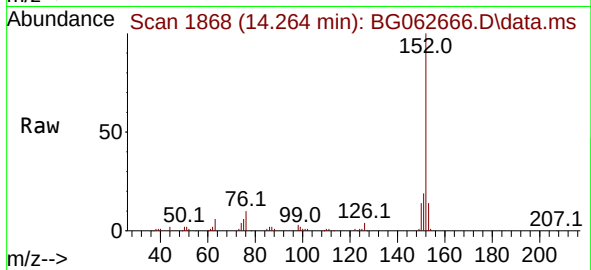
153 14.3 10.2 15.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#50

Dimethylphthalate

Concen: 8.792 ng

RT: 13.993 min Scan# 1822

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

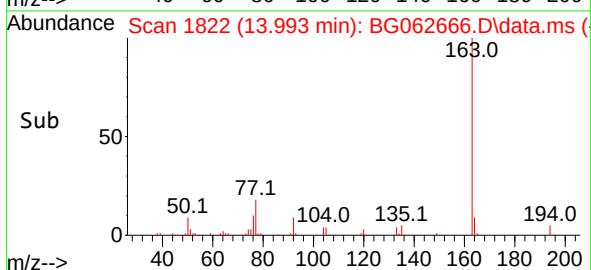
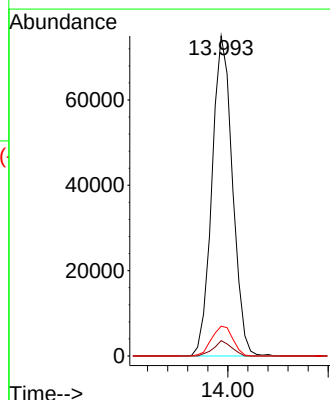
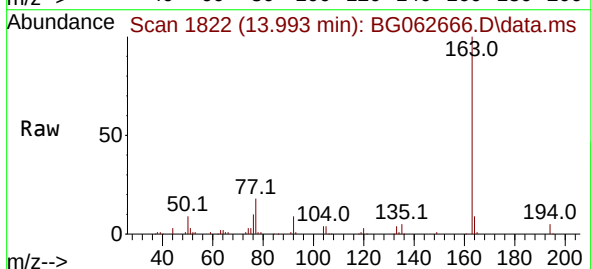
Tgt Ion:163 Resp: 106686

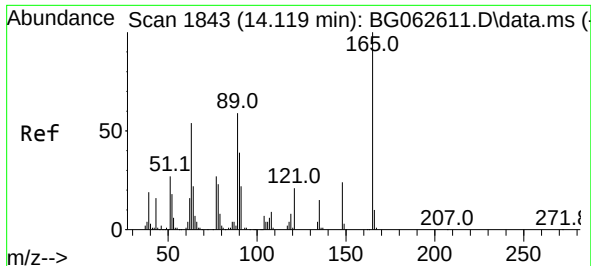
Ion Ratio Lower Upper

163 100

194 4.8 2.9 4.3#

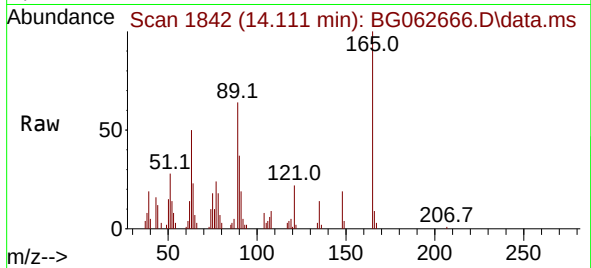
164 9.3 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 8.787 ng
RT: 14.111 min Scan# 1842
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

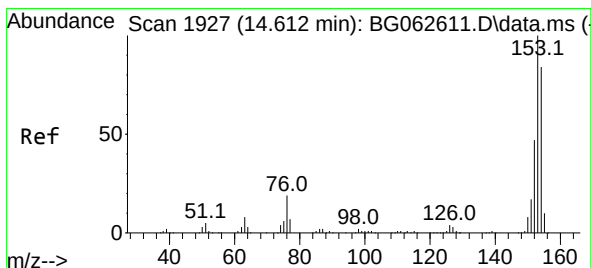
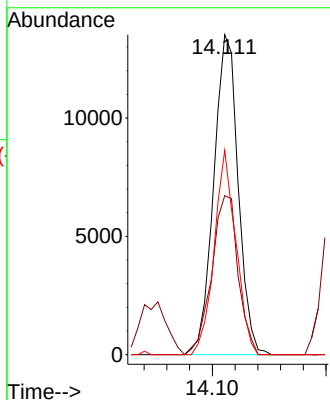
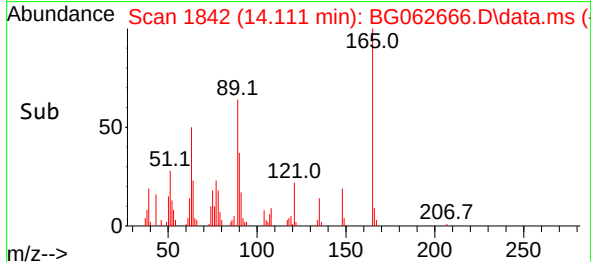
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:165 Resp: 2016
Ion Ratio Lower Upper
165 100
63 49.7 46.6 69.8
89 63.9 47.2 70.8

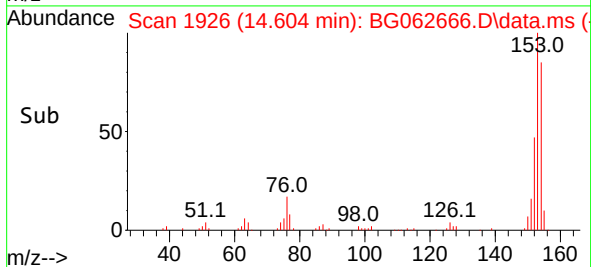
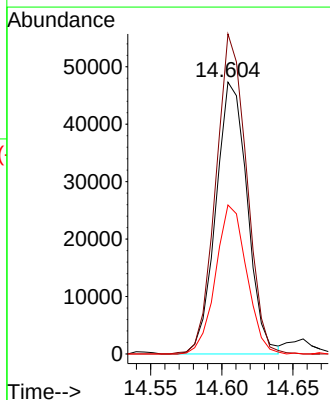
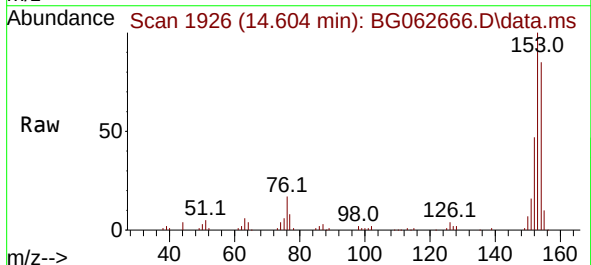
Manual Integrations
APPROVED

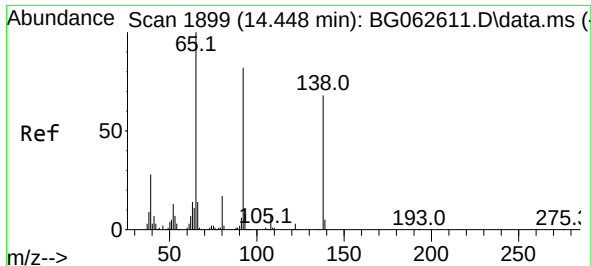
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#52
Acenaphthene
Concen: 8.764 ng
RT: 14.604 min Scan# 1926
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

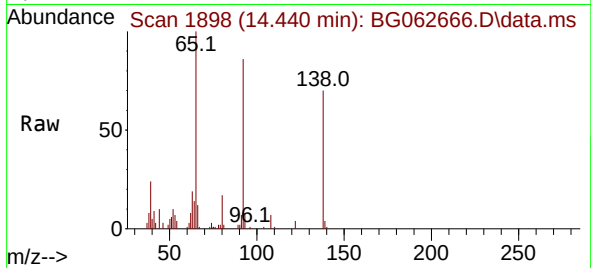
Tgt Ion:154 Resp: 72792
Ion Ratio Lower Upper
154 100
153 117.7 95.0 142.4
152 54.8 45.0 67.6





#53
3-Nitroaniline
Concen: 9.121 ng
RT: 14.440 min Scan# 1899
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

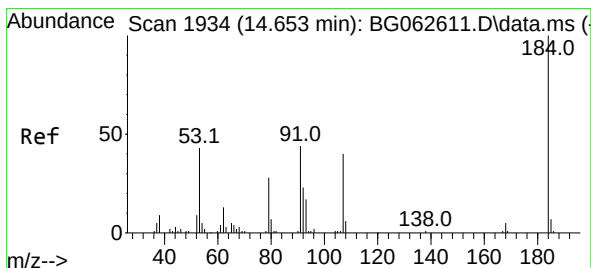
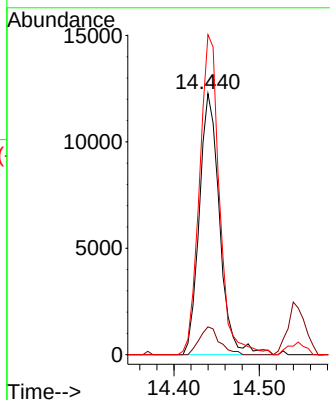
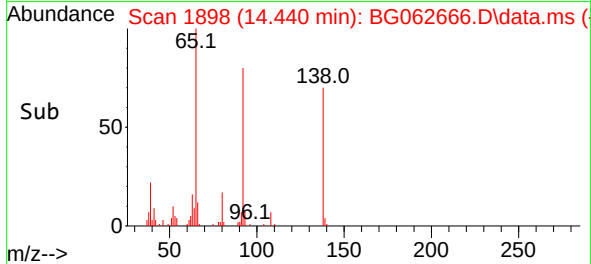
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:138 Resp: 20250
Ion Ratio Lower Upper
138 100
108 10.7 8.6 13.0
92 122.6 95.7 143.5

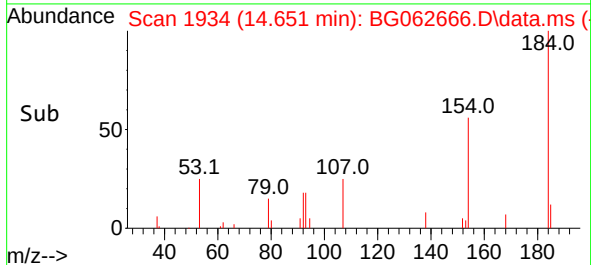
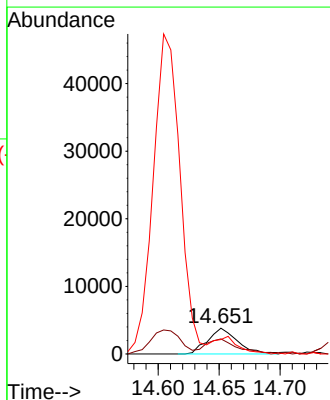
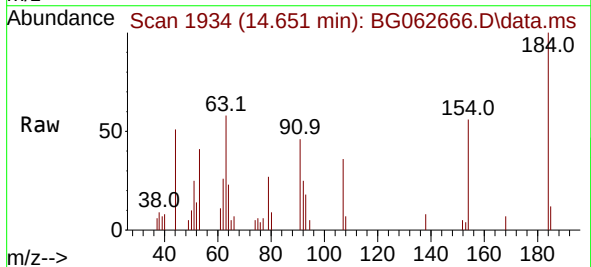
Manual Integrations
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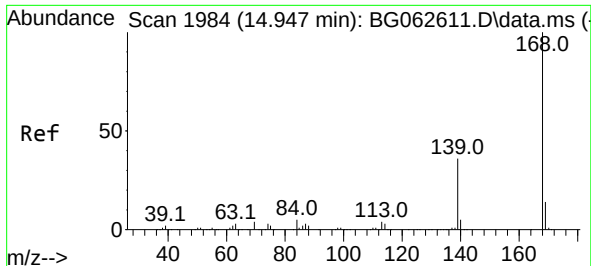
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#54
2,4-Dinitrophenol
Concen: 5.026 ng
RT: 14.651 min Scan# 1934
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

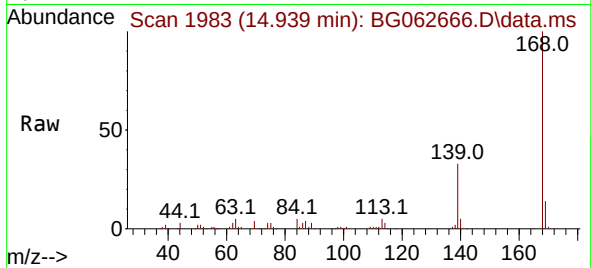
Tgt Ion:184 Resp: 6474
Ion Ratio Lower Upper
184 100
63 58.3 49.0 73.4
154 55.7 50.5 75.7





#55
Dibenzenofuran
Concen: 9.094 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

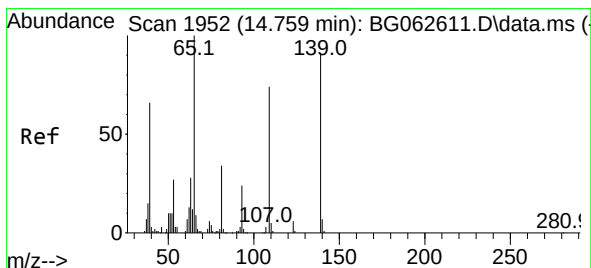
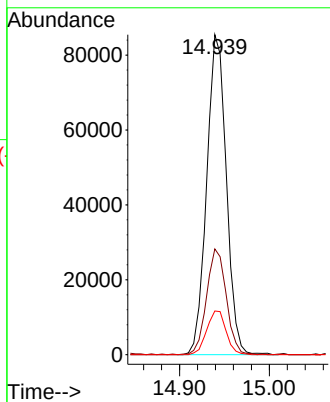
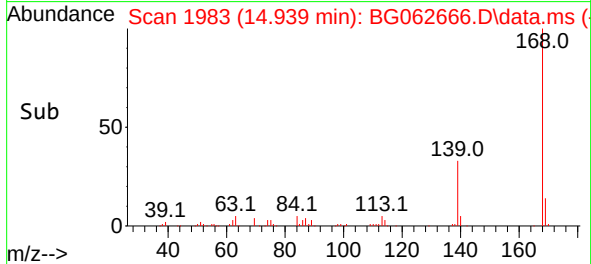
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



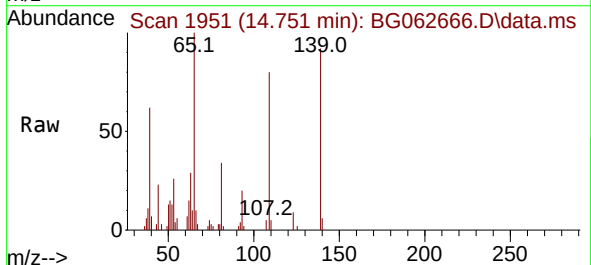
Tgt Ion:168 Resp: 12954
Ion Ratio Lower Upper
168 100
139 33.0 28.6 42.8
169 13.7 11.0 16.6

Manual Integrations
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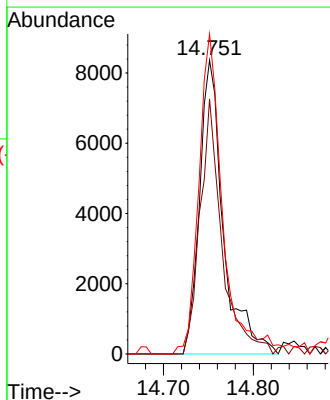
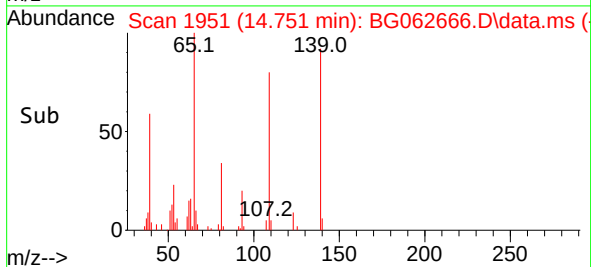
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

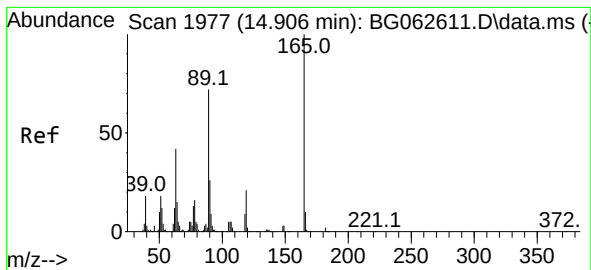


#56
4-Nitrophenol
Concen: 8.173 ng
RT: 14.751 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



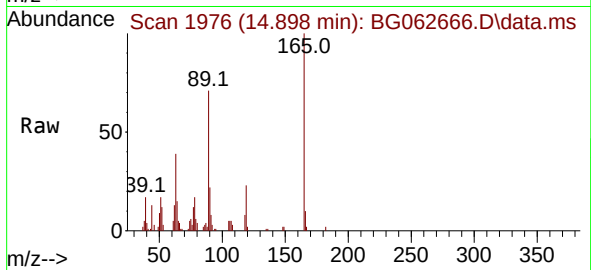
Tgt Ion:139 Resp: 15382
Ion Ratio Lower Upper
139 100
109 86.8 61.2 101.2
65 109.0 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 8.817 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

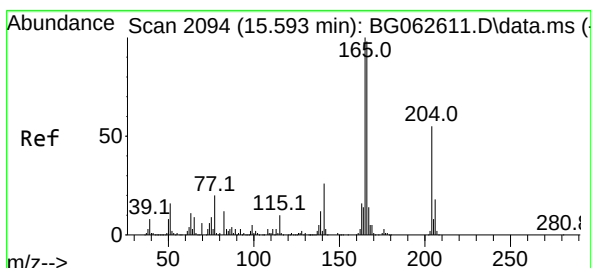
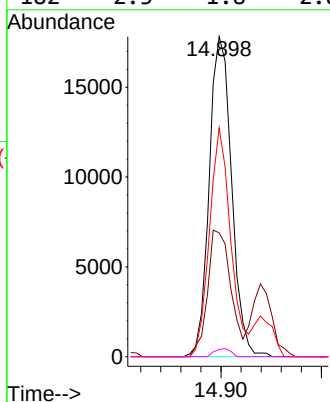
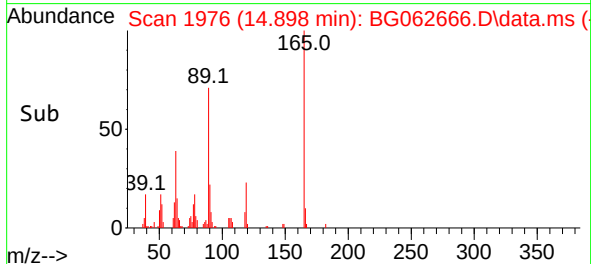
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



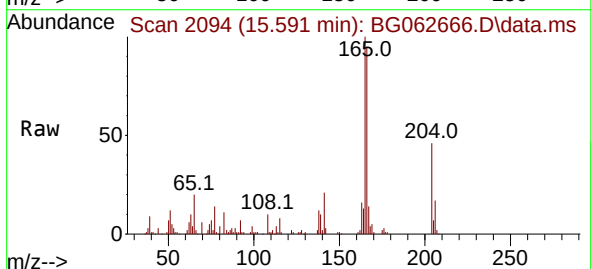
Tgt Ion:165 Resp: 27610
Ion Ratio Lower Upper
165 100
63 38.7 33.8 50.6
89 71.5 57.9 86.9
182 2.3 1.8 2.8

Manual Integrations
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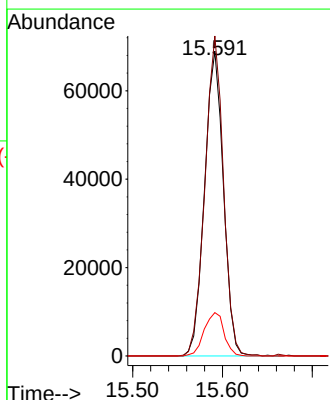
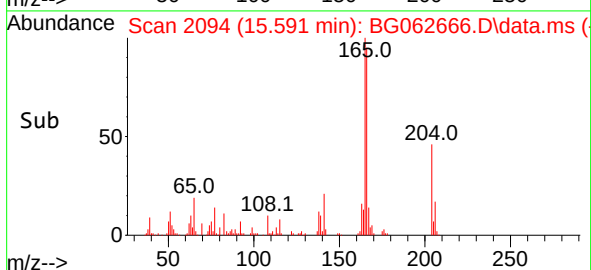
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

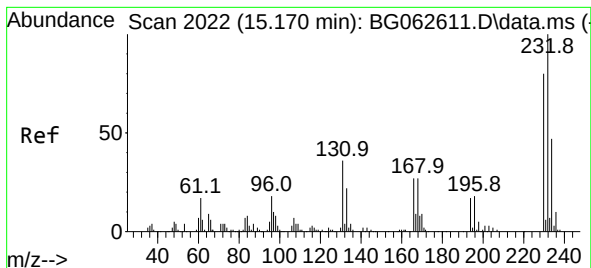


#58
Fluorene
Concen: 8.995 ng
RT: 15.591 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



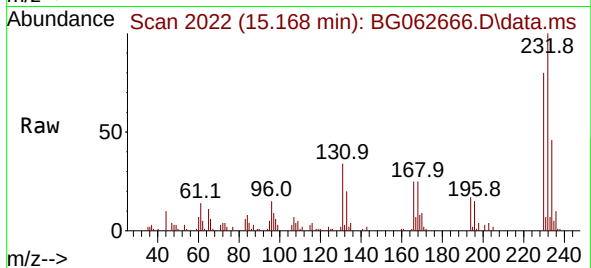
Tgt Ion:166 Resp: 100556
Ion Ratio Lower Upper
166 100
165 104.9 82.0 123.0
167 14.2 11.3 16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.338 ng
RT: 15.168 min Scan# 2022
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

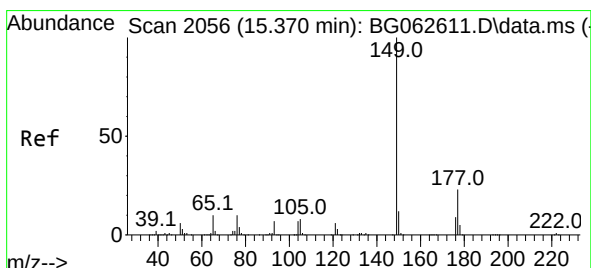
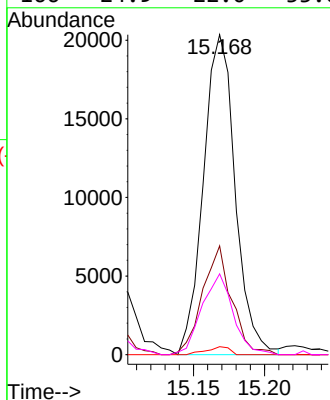
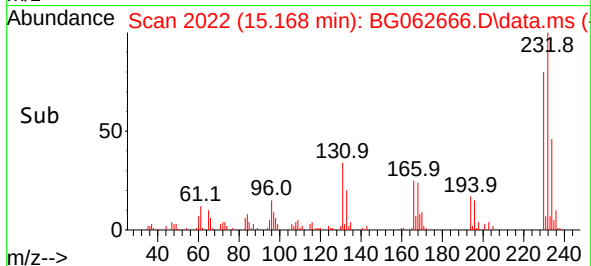
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:232 Resp: 3169
Ion Ratio Lower Upper
232 100
131 31.3 28.3 42.5
130 1.8 1.7 2.5
166 24.9 22.0 33.0

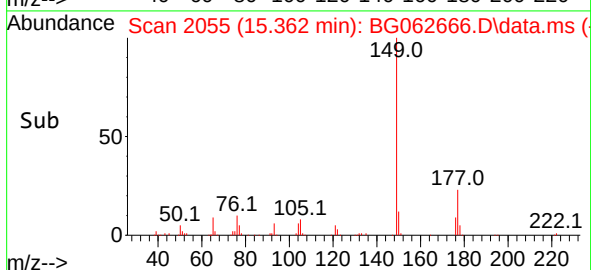
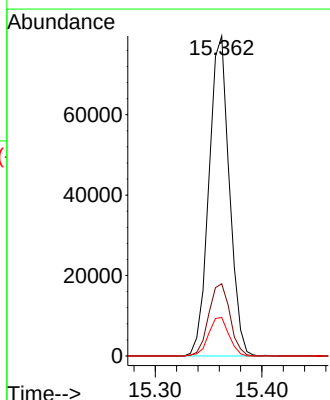
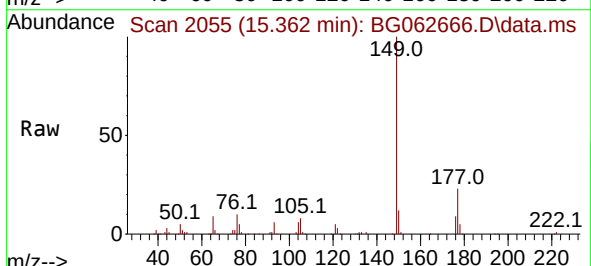
Manual Integrations
APPROVED

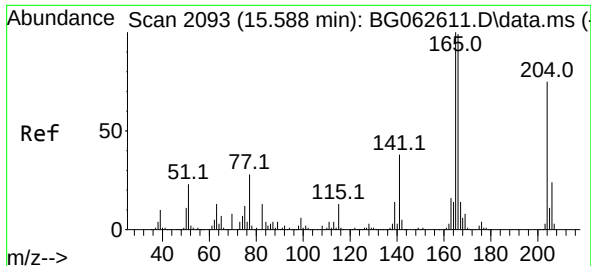
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 8.764 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

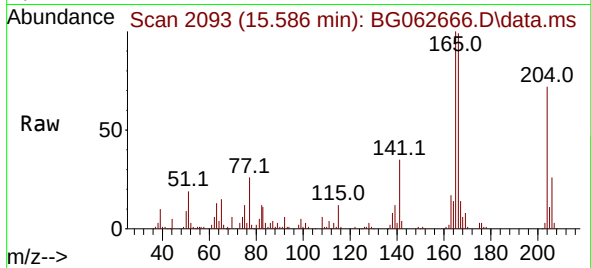
Tgt Ion:149 Resp: 105408
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.1 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 9.159 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

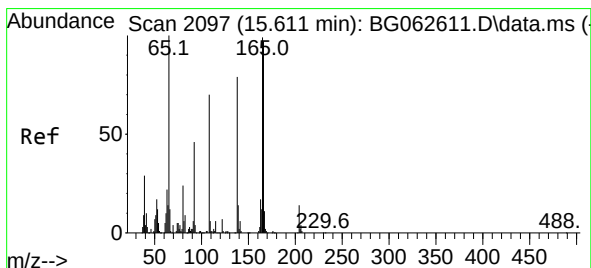
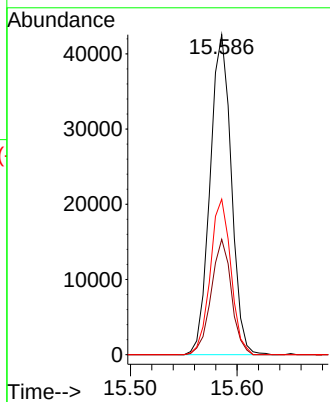
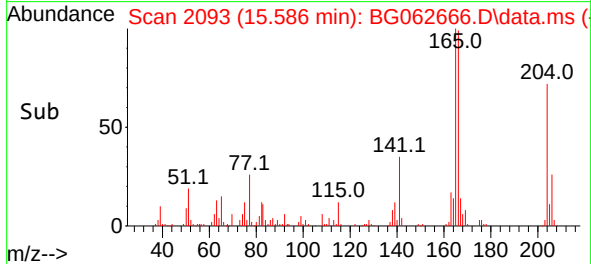
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:204 Resp: 5878
Ion Ratio Lower Upper
204 100
206 36.1 25.9 38.9
141 48.6 41.0 61.6

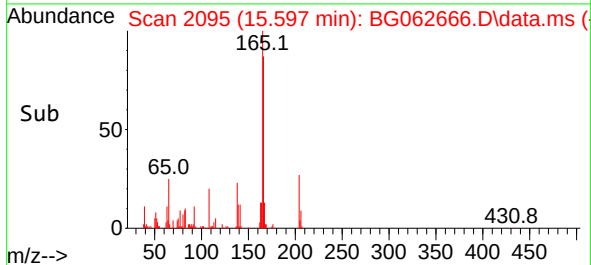
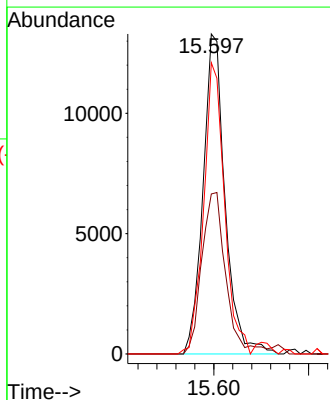
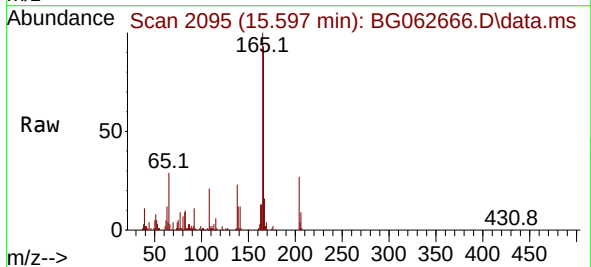
Manual Integrations
APPROVED

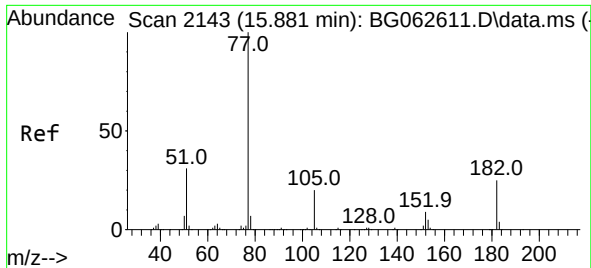
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#62
4-Nitroaniline
Concen: 8.772 ng
RT: 15.597 min Scan# 2095
Delta R.T. -0.014 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:138 Resp: 21481
Ion Ratio Lower Upper
138 100
92 50.0 38.4 78.4
108 91.0 69.0 109.0





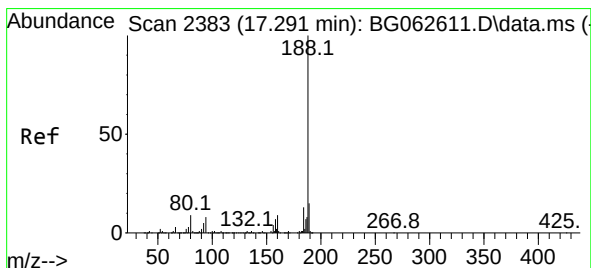
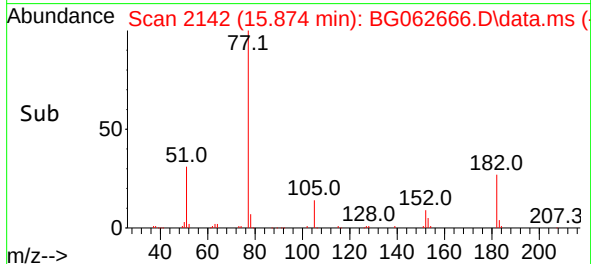
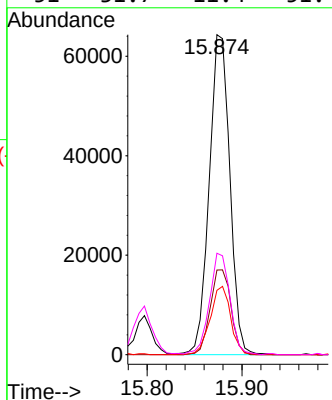
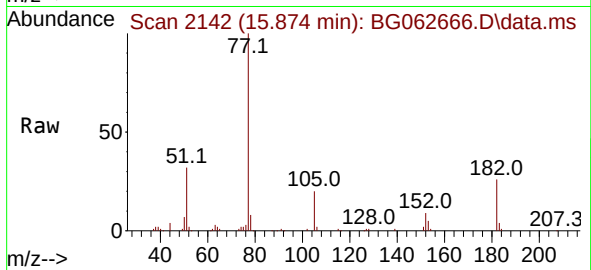
#63
Azobenzene
Concen: 8.604 ng
RT: 15.874 min Scan# 2142
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion: 77 Resp: 9716
Ion Ratio Lower Upper
77 100
182 26.5 5.0 45.0
105 20.1 0.5 40.5
51 31.7 11.4 51.4

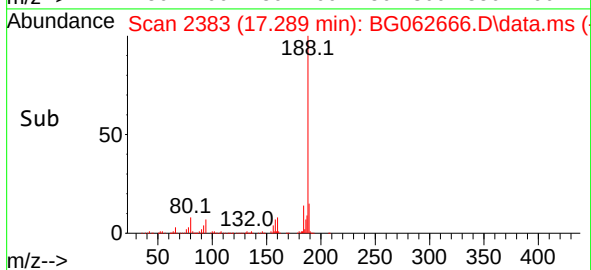
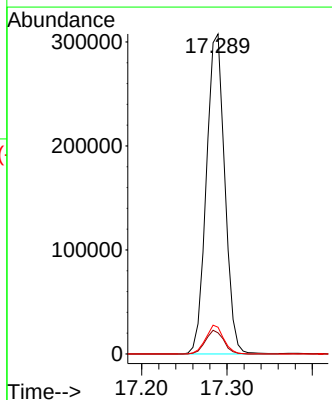
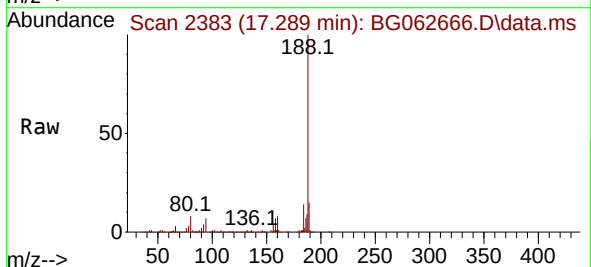
Manual Integrations
APPROVED

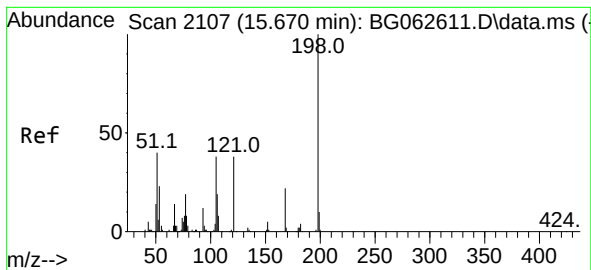
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2383
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:188 Resp: 460694
Ion Ratio Lower Upper
188 100
94 6.6 6.3 9.5
80 8.4 7.0 10.4





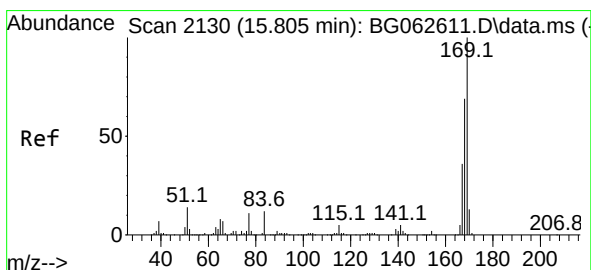
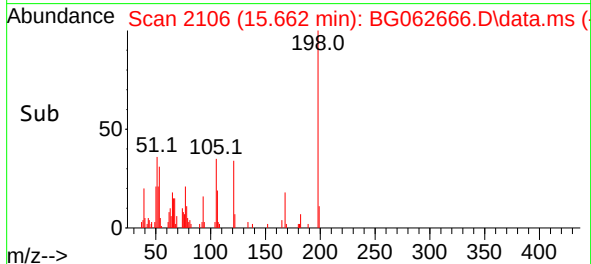
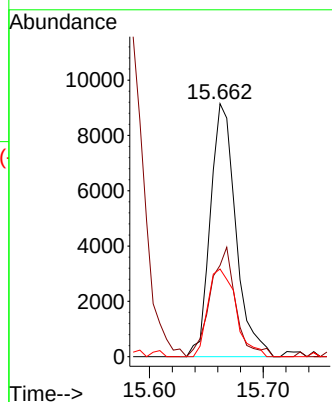
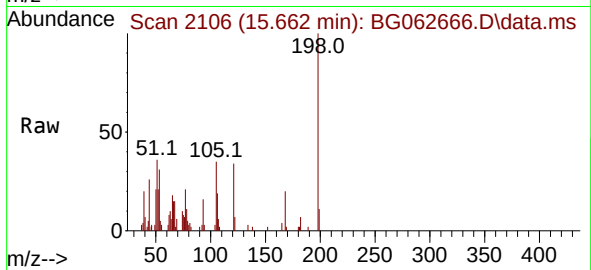
#65
4,6-Dinitro-2-methylphenol
Concen: 6.907 ng
RT: 15.662 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024

Tgt Ion:198 Resp: 14200
Ion Ratio Lower Upper
198 100
51 36.1 25.1 65.1
105 34.6 18.3 58.3

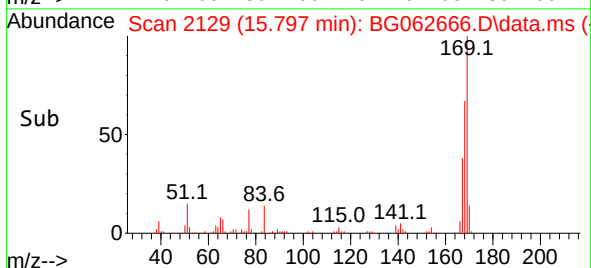
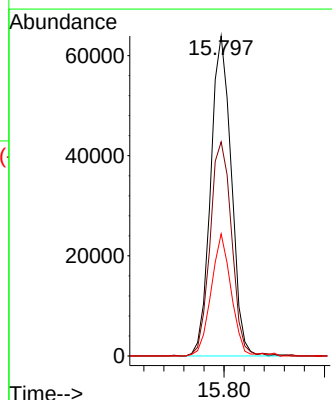
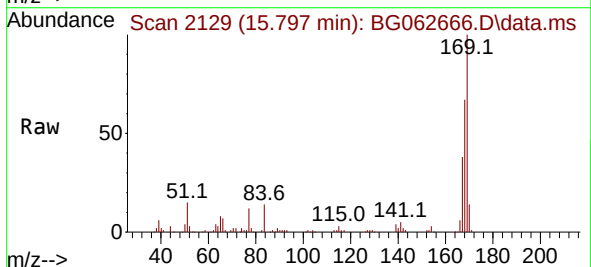
Manual Integrations
APPROVED

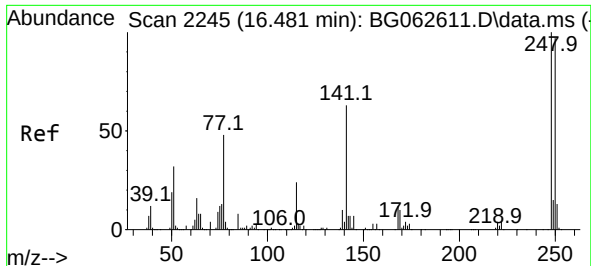
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#66
n-Nitrosodiphenylamine
Concen: 8.272 ng
RT: 15.797 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

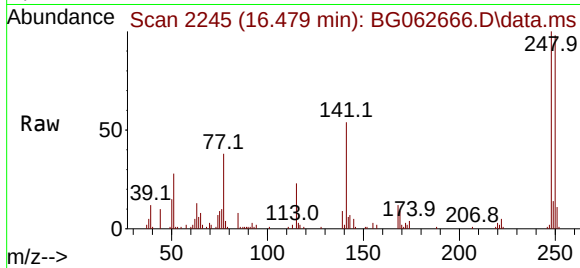
Tgt Ion:169 Resp: 91620
Ion Ratio Lower Upper
169 100
168 66.9 55.4 83.2
167 38.1 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 8.580 ng
RT: 16.479 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

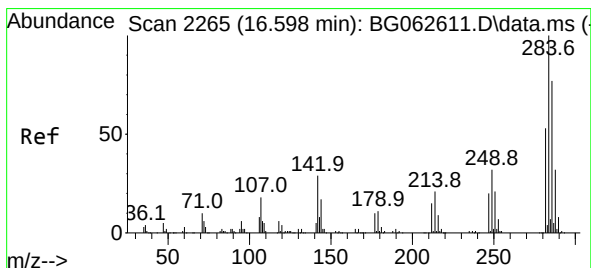
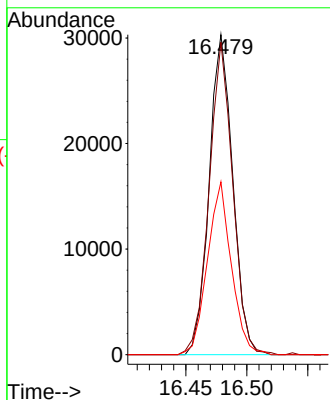
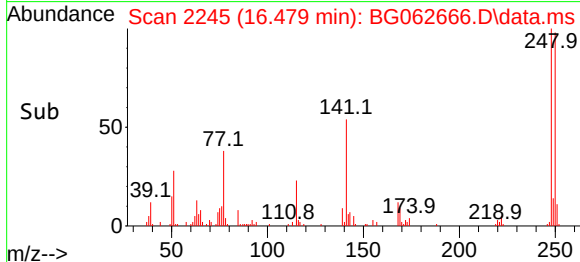
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



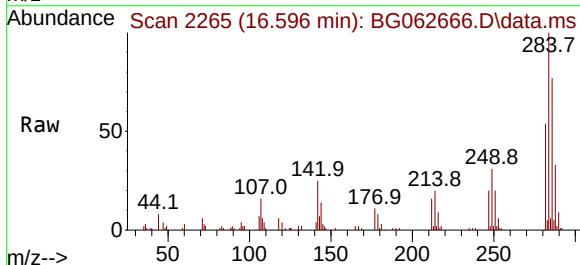
Tgt Ion:248 Resp: 4079
Ion Ratio Lower Upper
248 100
250 97.7 77.9 116.9
141 54.0 50.2 75.2

Manual Integrations
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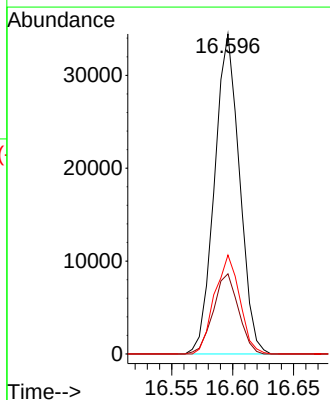
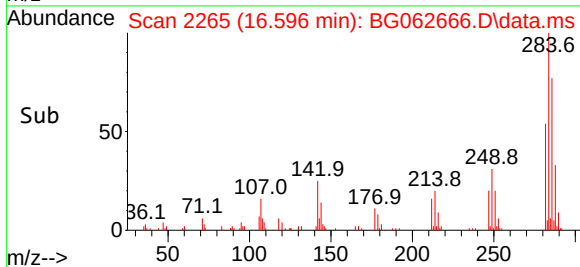
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

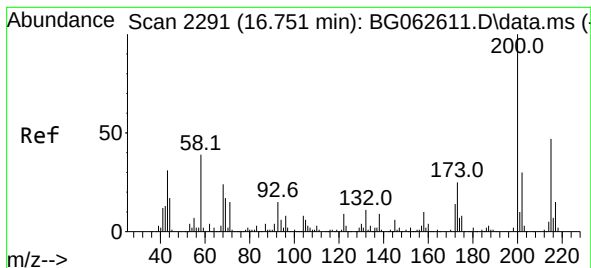


#68
Hexachlorobenzene
Concen: 8.741 ng
RT: 16.596 min Scan# 2265
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29



Tgt Ion:284 Resp: 49219
Ion Ratio Lower Upper
284 100
142 25.1 23.5 35.3
249 32.8 25.4 38.0





#69

Atrazine

Concen: 11.106 ng

RT: 16.743 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

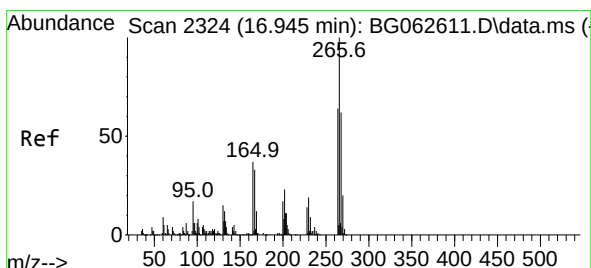
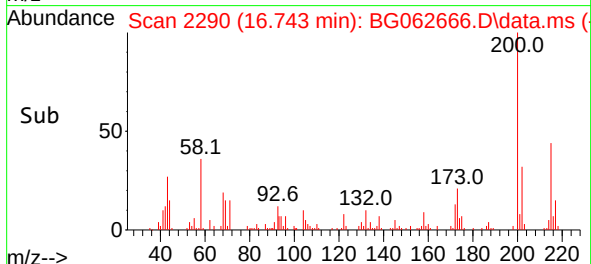
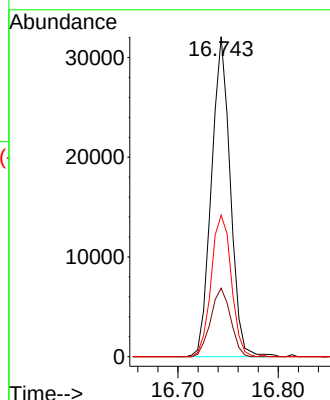
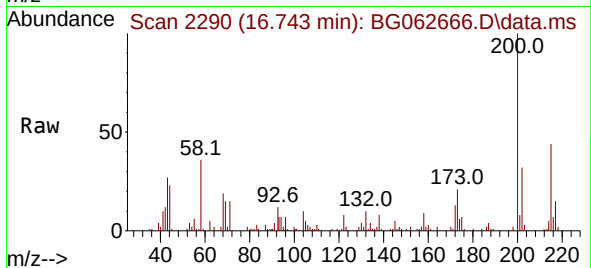
MDL-SOIL-03-QT2-2024

Tgt Ion:200 Resp: 4178
 Ion Ratio Lower Upper
 200 100
 173 21.4 5.2 45.2
 215 44.2 27.3 67.3

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#70

Pentachlorophenol

Concen: 6.303 ng

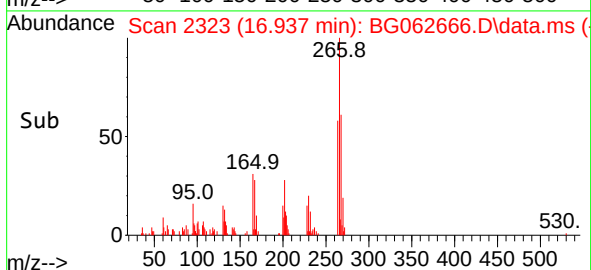
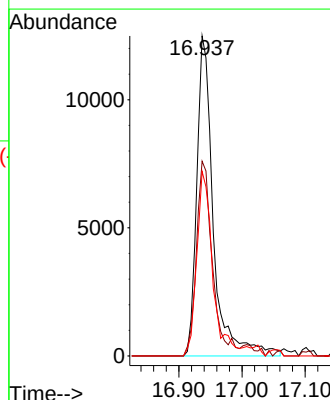
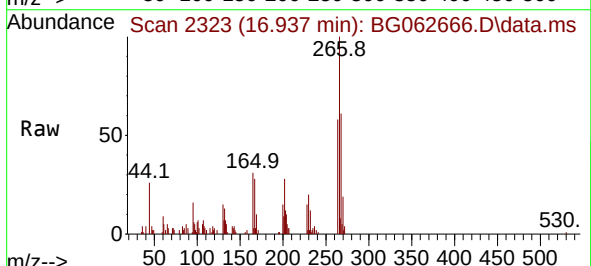
RT: 16.937 min Scan# 2323

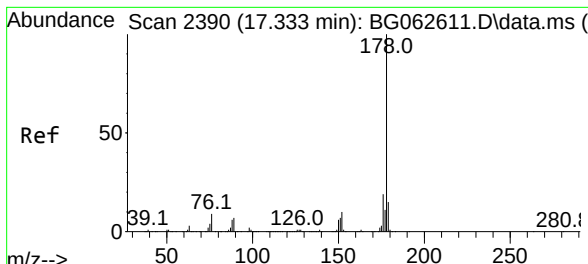
Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

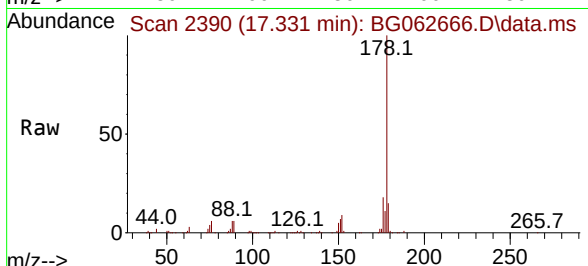
Tgt Ion:266 Resp: 22732
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.6 79.0
 264 57.6 51.6 77.4





#71
Phenanthrene
Concen: 9.132 ng
RT: 17.331 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

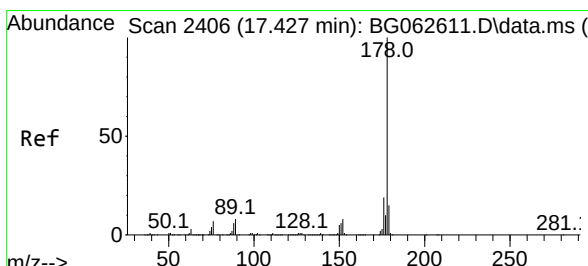
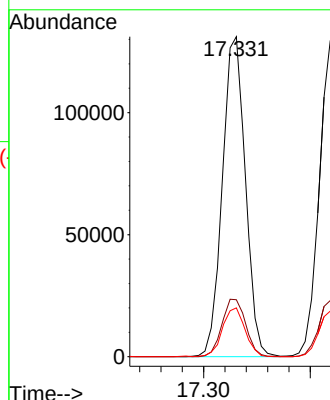
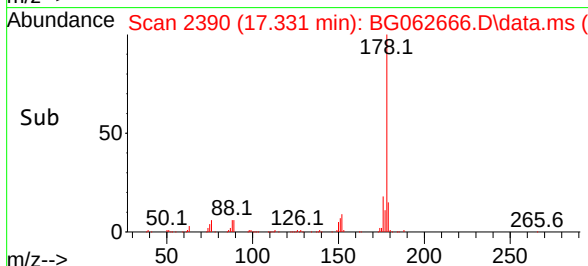
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:178 Resp: 196370
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 15.2 12.2 18.4

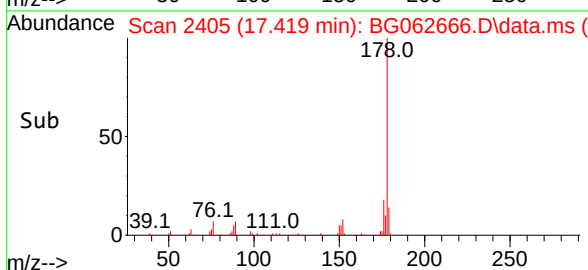
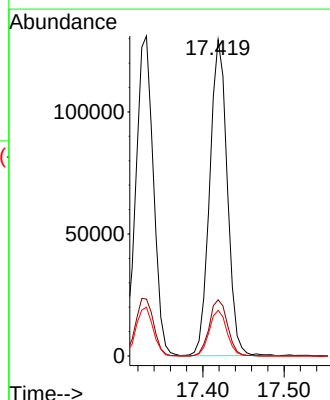
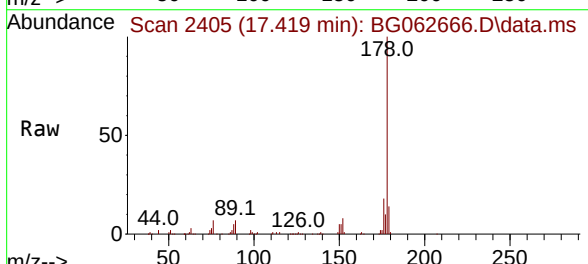
Manual Integrations
APPROVED

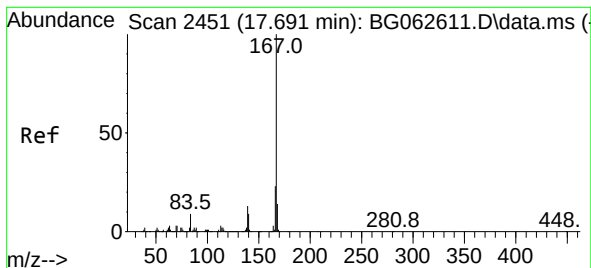
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#72
Anthracene
Concen: 9.168 ng
RT: 17.419 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:178 Resp: 193841
Ion Ratio Lower Upper
178 100
176 17.7 15.2 22.8
179 14.4 12.0 18.0





#73

Carbazole

Concen: 8.915 ng

RT: 17.689 min Scan# 2451

Delta R.T. -0.002 min

Lab File: BG062666.D

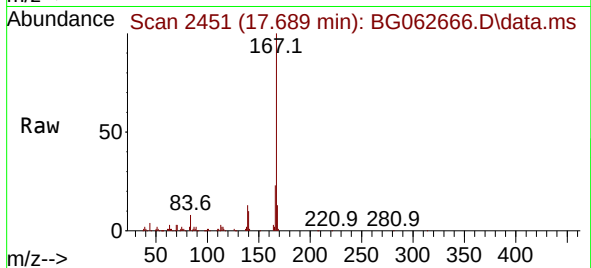
Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

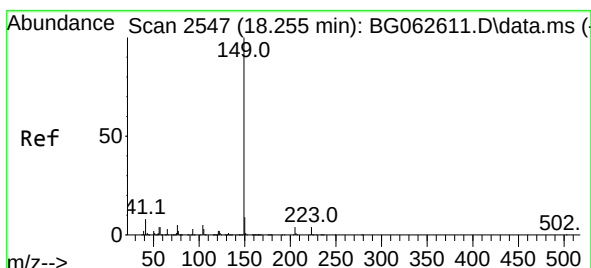
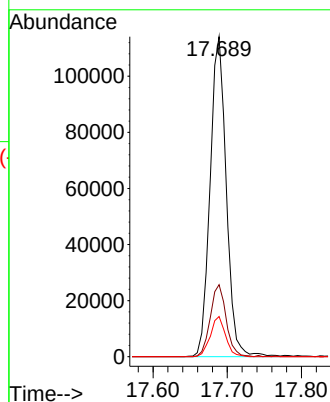
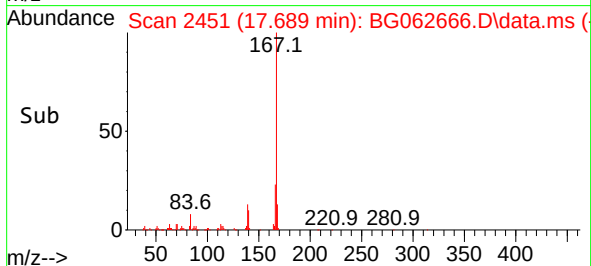


Tgt Ion:	167	Resp:	17326
Ion Ratio	Lower	Upper	
167	100		
166	22.5	18.2	27.2
139	12.5	10.1	15.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#74

Di-n-butylphthalate

Concen: 8.646 ng

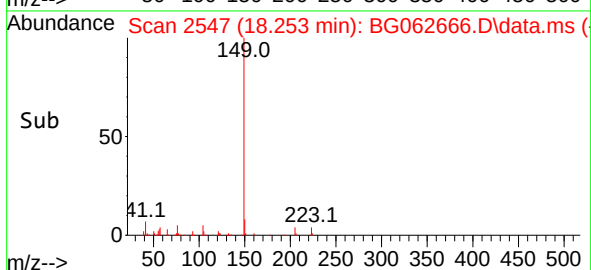
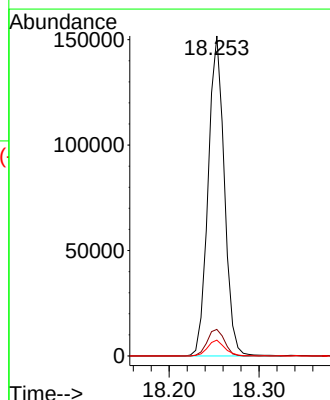
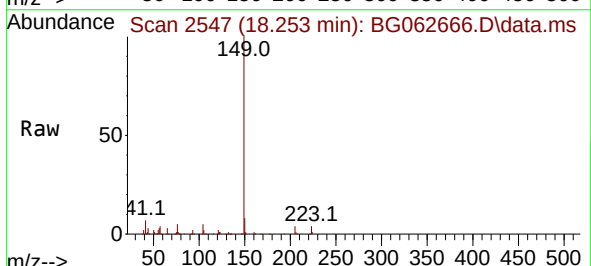
RT: 18.253 min Scan# 2547

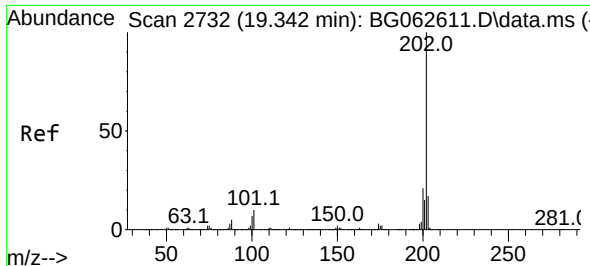
Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

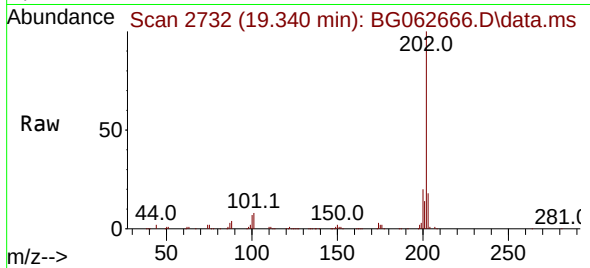
Tgt Ion:	149	Resp:	189519
Ion Ratio	Lower	Upper	
149	100		
150	8.3	7.3	10.9
104	5.0	4.2	6.2





#75
Fluoranthene
Concen: 9.307 ng
RT: 19.340 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

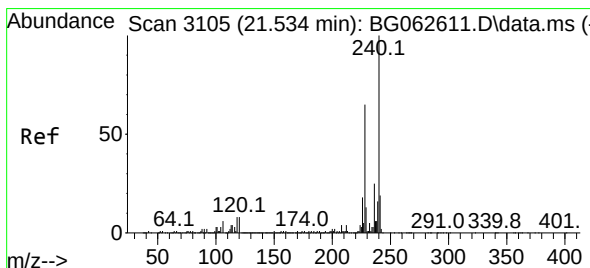
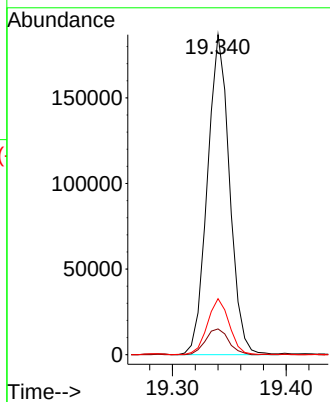
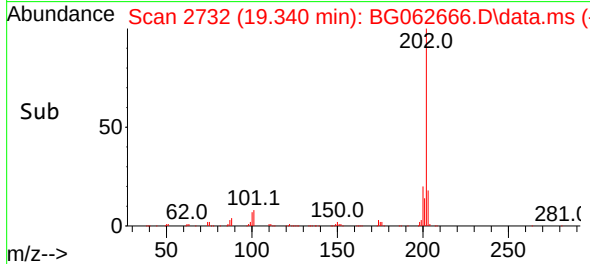
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:202 Resp: 25311
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.6
203 17.5 0.0 37.4

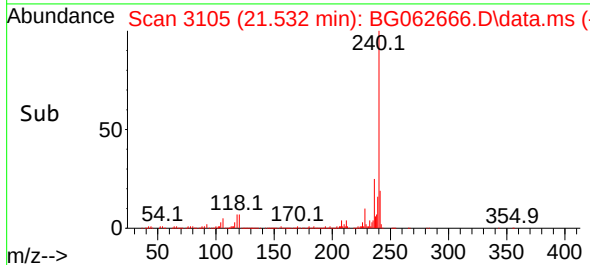
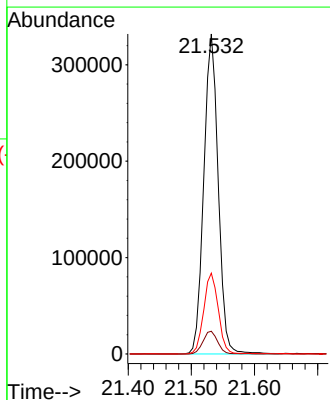
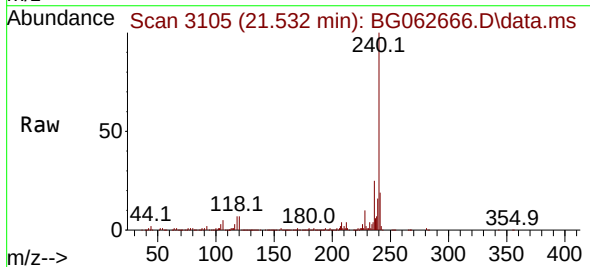
Manual Integrations
APPROVED

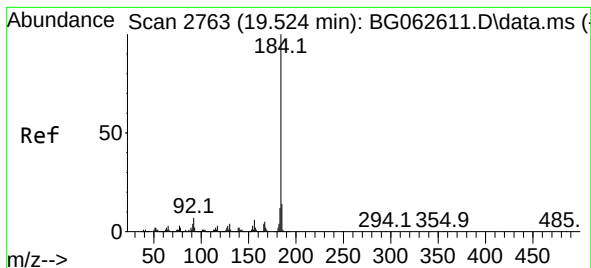
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.532 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:240 Resp: 524503
Ion Ratio Lower Upper
240 100
120 7.1 6.6 9.8
236 25.3 20.2 30.4





#77

Benzidine

Concen: 10.830 ng

RT: 19.522 min Scan# 2763

Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

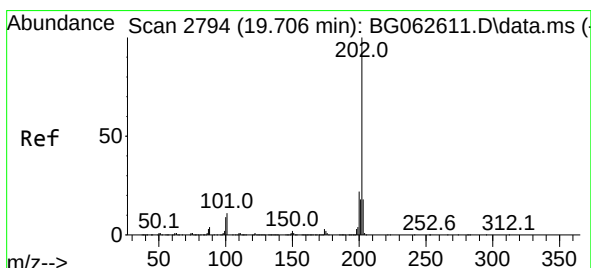
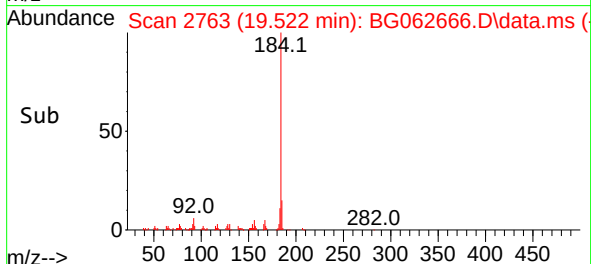
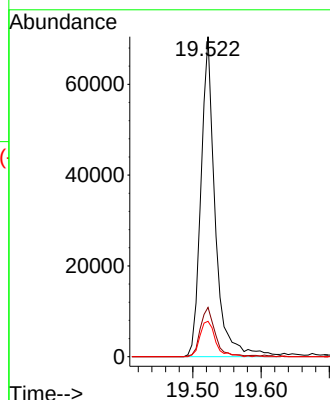
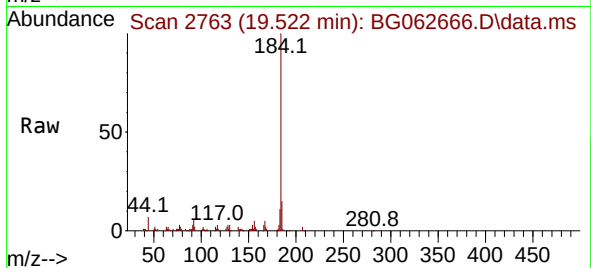
Tgt Ion:184 Resp: 102385

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.0	16.6
183	11.1	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#78

Pyrene

Concen: 8.227 ng

RT: 19.704 min Scan# 2794

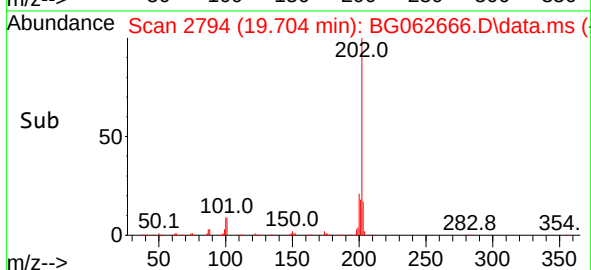
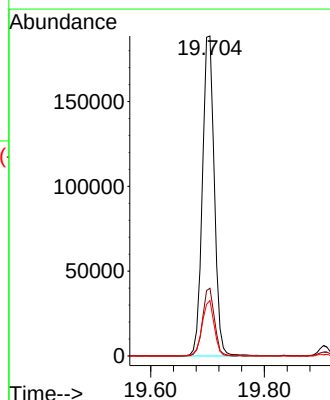
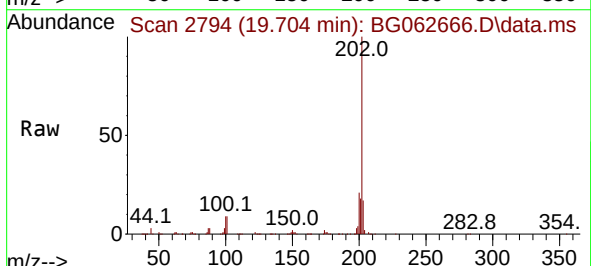
Delta R.T. -0.002 min

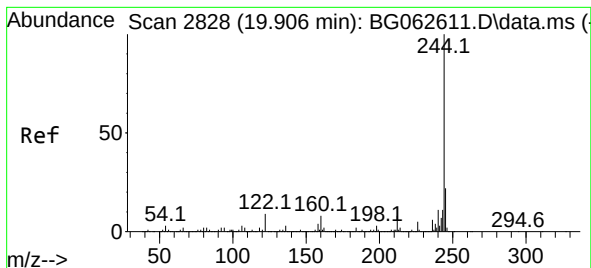
Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Tgt Ion:202 Resp: 274287

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.2
203	17.3	14.1	21.1





#79

Terphenyl-d14

Concen: 80.721 ng

RT: 19.904 min Scan# 213524

Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:244 Resp: 213524

Ion Ratio Lower Upper

244 100

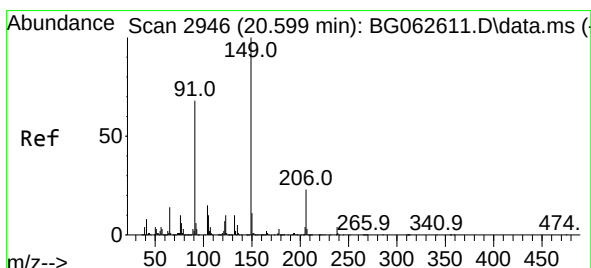
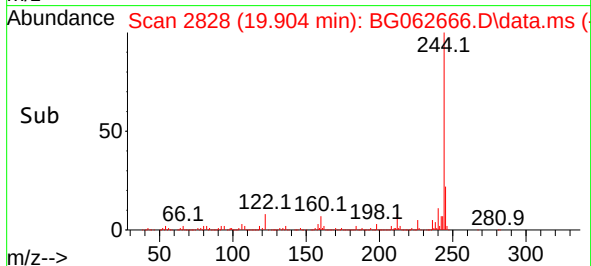
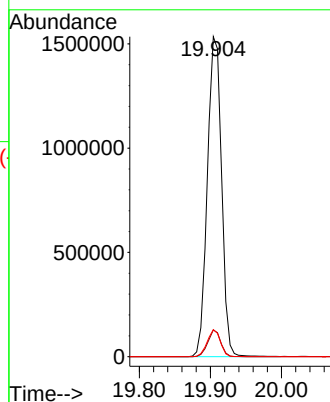
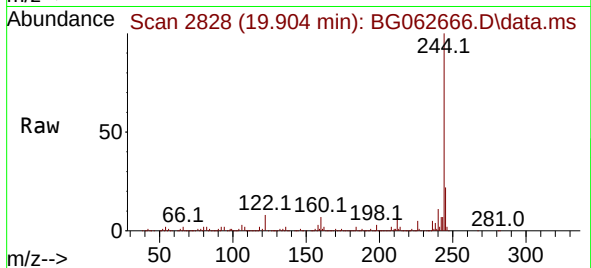
212 8.3 6.6 10.0

122 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#80

Butylbenzylphthalate

Concen: 7.328 ng

RT: 20.597 min Scan# 2946

Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

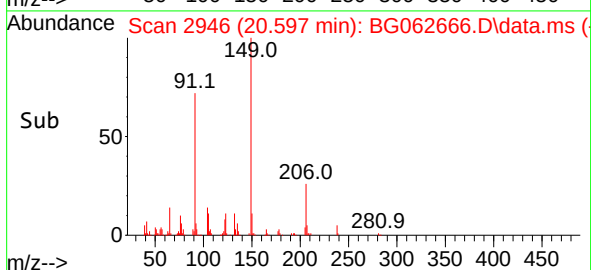
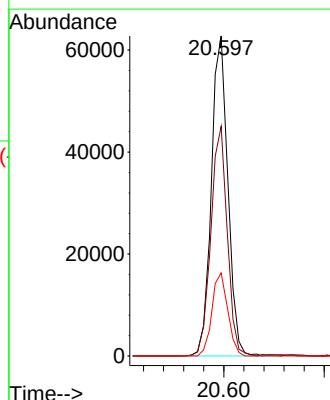
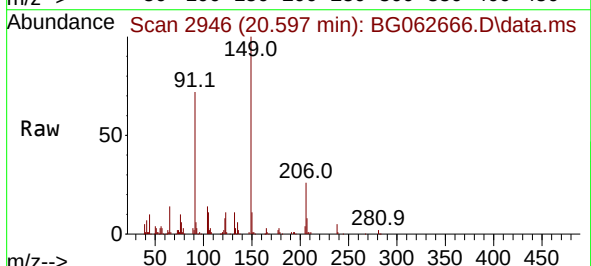
Tgt Ion:149 Resp: 71762

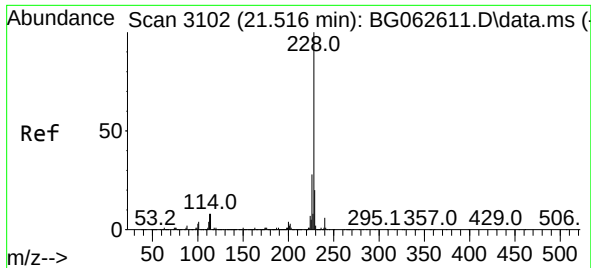
Ion Ratio Lower Upper

149 100

91 71.7 54.6 81.8

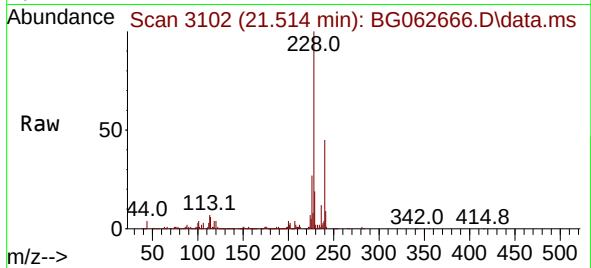
206 26.0 18.4 27.6





#81
Benzo(a)anthracene
Concen: 8.812 ng
RT: 21.514 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

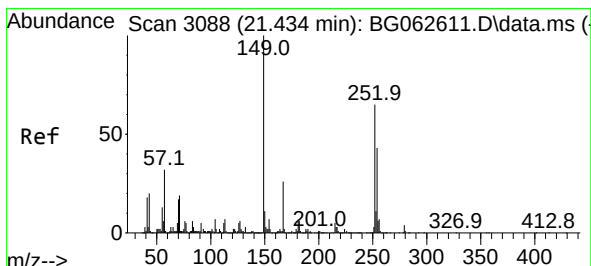
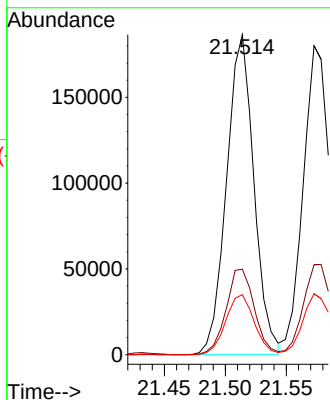
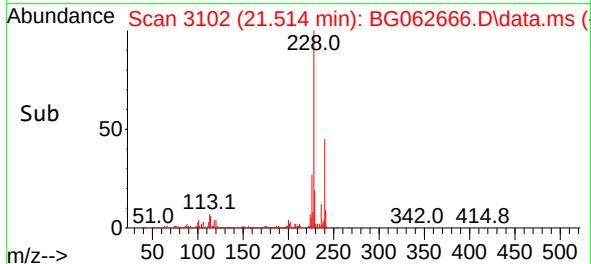
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT2-2024



Tgt Ion:228 Resp: 29152
Ion Ratio Lower Upper
228 100
226 26.7 22.3 33.5
229 18.8 16.2 24.2

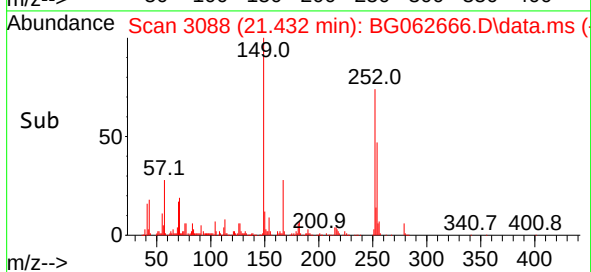
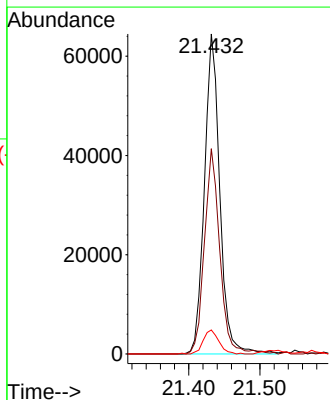
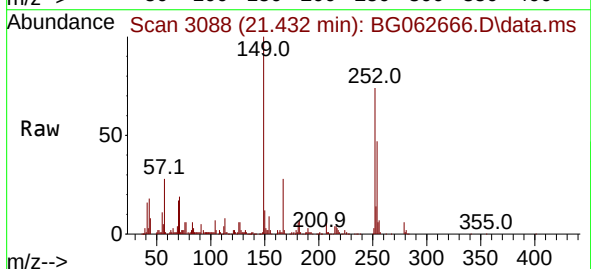
Manual Integrations
APPROVED

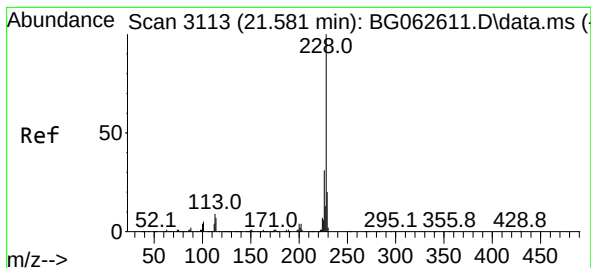
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.027 ng
RT: 21.432 min Scan# 3088
Delta R.T. -0.002 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:252 Resp: 97287
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.2
126 7.5 6.7 10.1





#83

Chrysene

Concen: 8.891 ng

RT: 21.573 min Scan# 3113

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

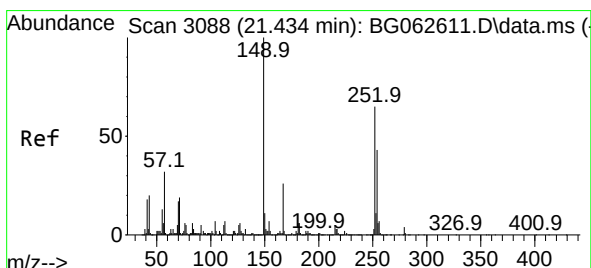
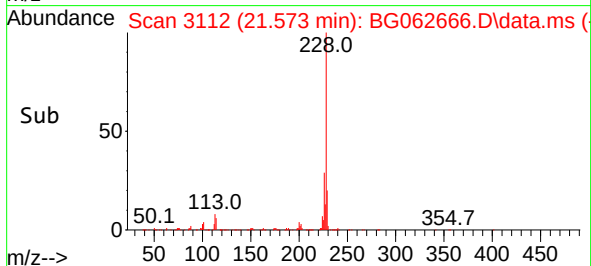
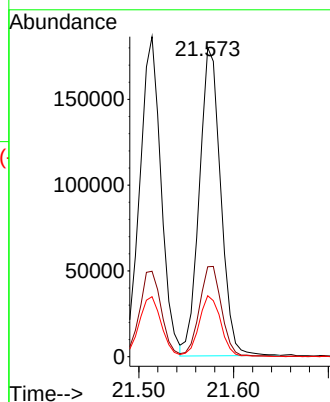
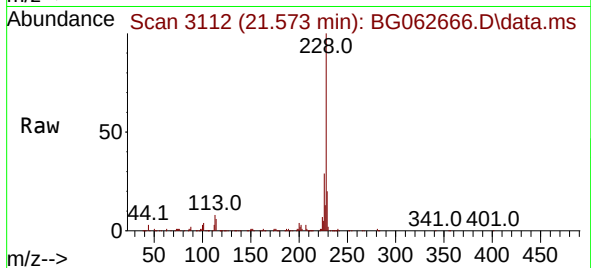
MDL-SOIL-03-QT2-2024

Tgt Ion:228 Resp: 281718
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.9 37.3
 229 19.8 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.770 ng

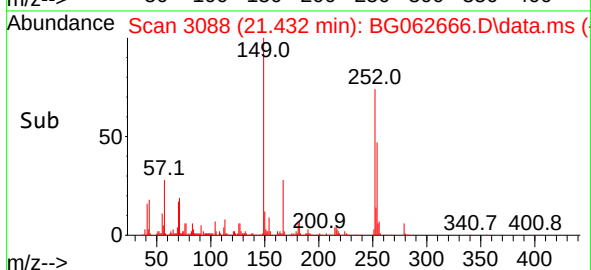
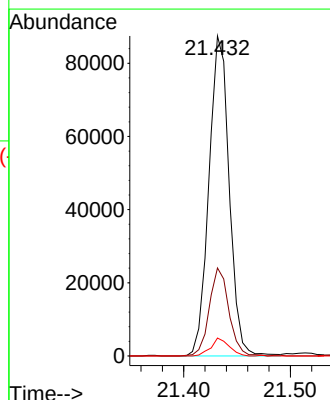
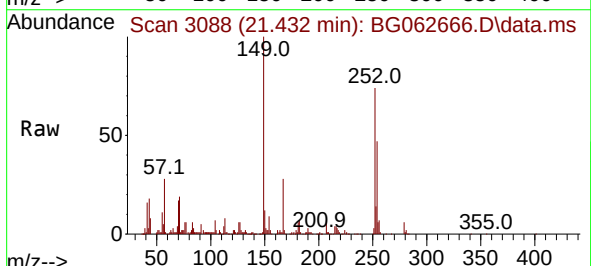
RT: 21.432 min Scan# 3088

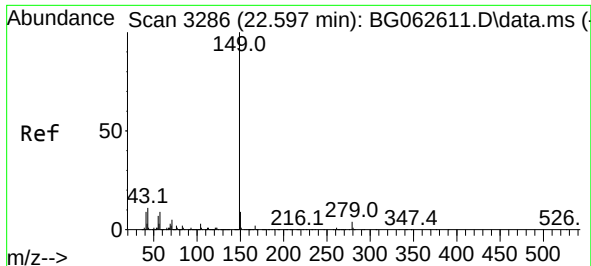
Delta R.T. -0.002 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

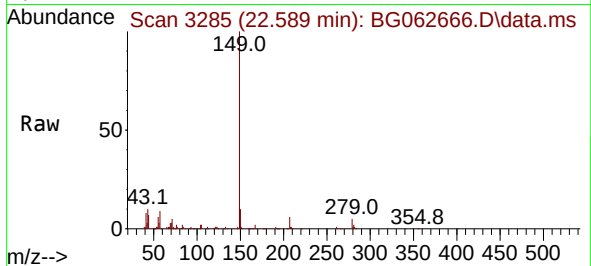
Tgt Ion:149 Resp: 115593
 Ion Ratio Lower Upper
 149 100
 167 27.5 20.5 30.7
 279 5.6 3.1 4.7#





#85
Di-n-octyl phthalate
Concen: 7.209 ng
RT: 22.589 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

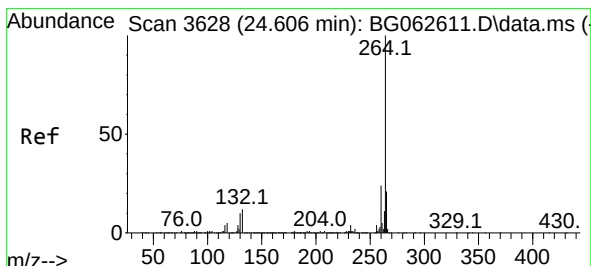
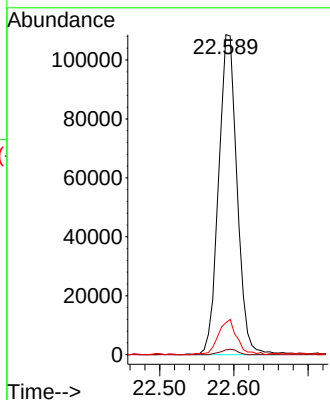
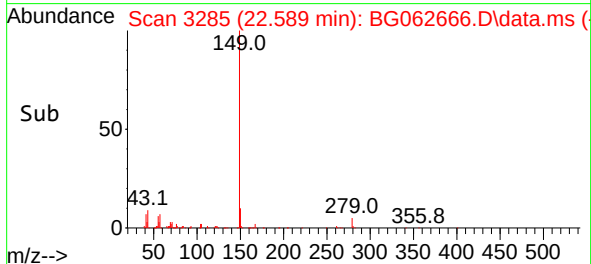
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:149 Resp: 187790
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.1 8.8 13.2

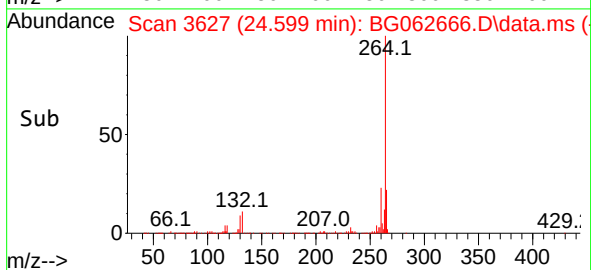
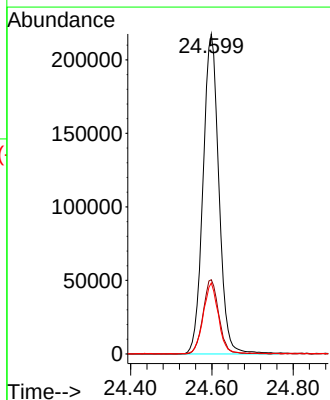
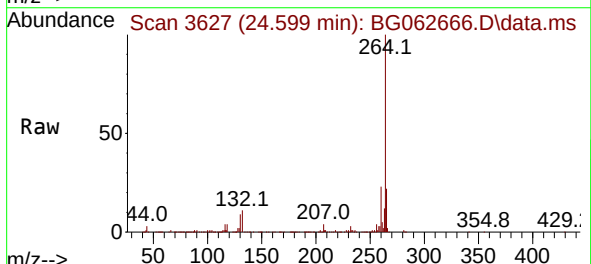
Manual Integrations
APPROVED

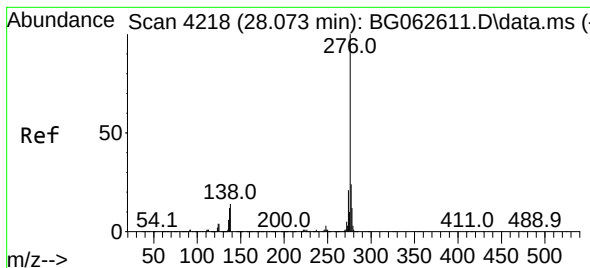
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.599 min Scan# 3627
Delta R.T. -0.008 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:264 Resp: 588455
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.4
265 22.2 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.714 ng

RT: 28.047 min Scan# 4218

Delta R.T. -0.025 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

Tgt Ion:276 Resp: 328789

Ion Ratio Lower Upper

276 100

138 11.3 14.9 22.3

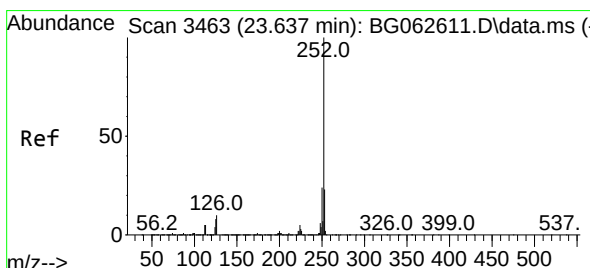
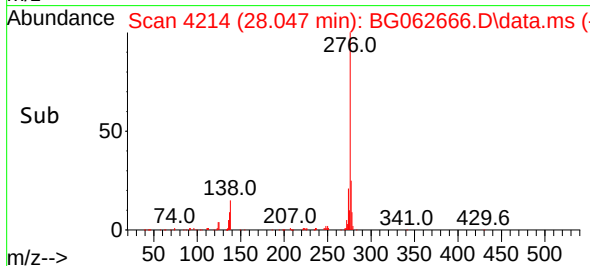
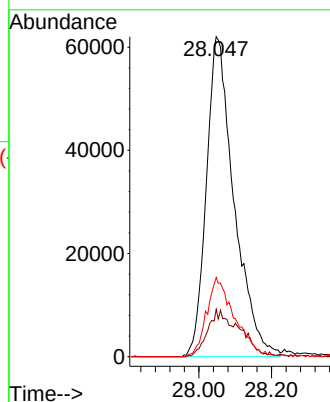
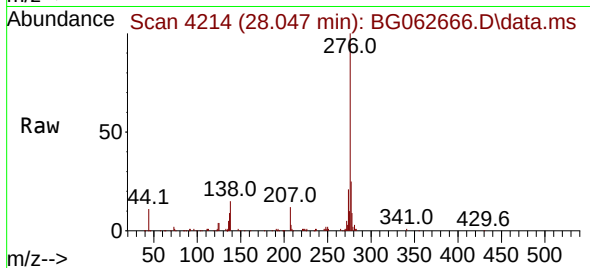
277 25.0 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#88

Benzo(b)fluoranthene

Concen: 8.469 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

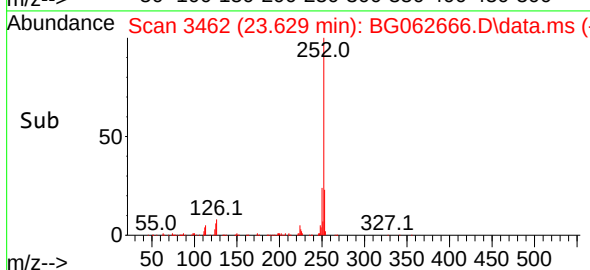
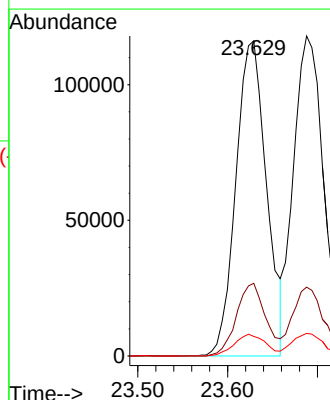
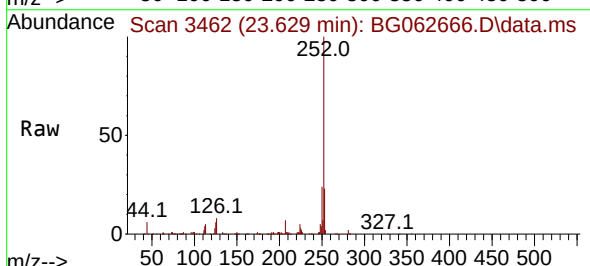
Tgt Ion:252 Resp: 275271

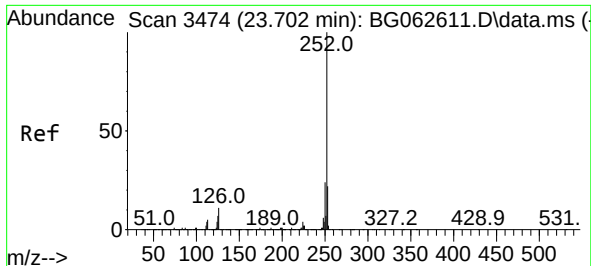
Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

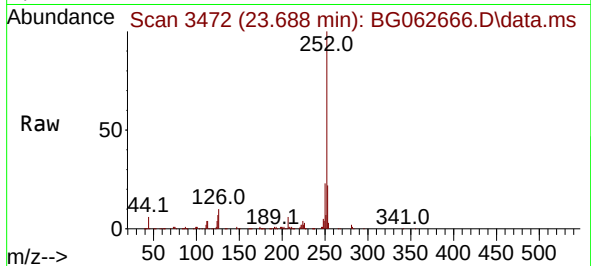
125 6.2 6.2 9.2





#89
Benzo(k)fluoranthene
Concen: 8.804 ng
RT: 23.688 min Scan# 3474
Delta R.T. -0.014 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

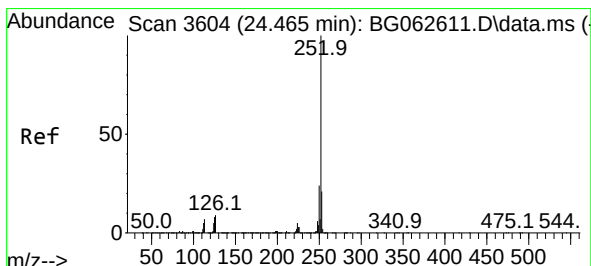
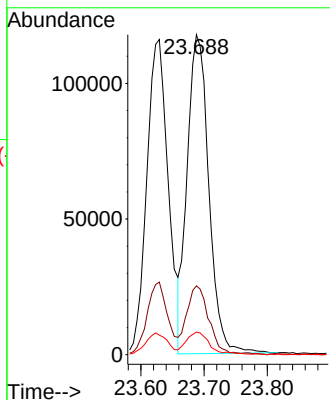
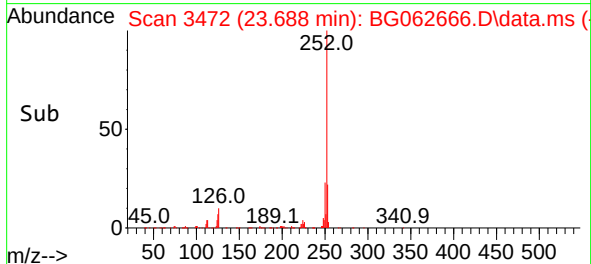
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT2-2024



Tgt Ion:252 Resp: 279910
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 7.0 6.1 9.1

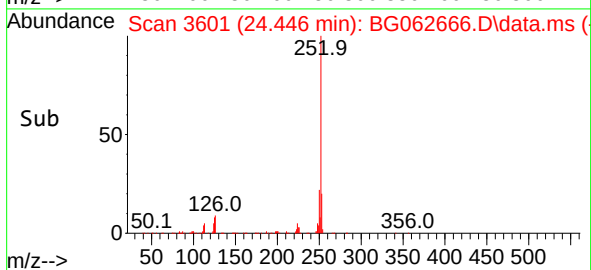
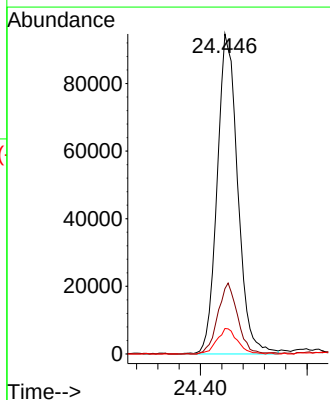
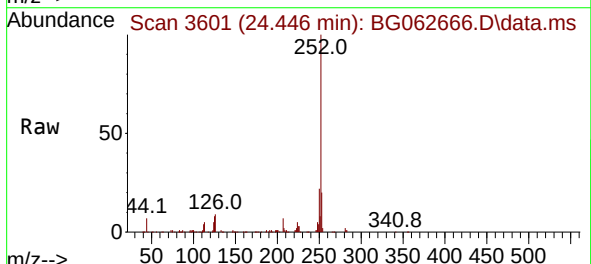
Manual Integrations
APPROVED

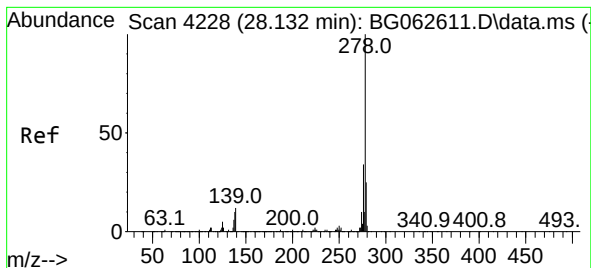
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#90
Benzo(a)pyrene
Concen: 8.821 ng
RT: 24.446 min Scan# 3601
Delta R.T. -0.020 min
Lab File: BG062666.D
Acq: 5 Sep 2024 14:29

Tgt Ion:252 Resp: 253298
Ion Ratio Lower Upper
252 100
253 20.4 17.1 25.7
125 7.9 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 8.746 ng

RT: 28.112 min Scan# 4399

Delta R.T. -0.020 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT2-2024

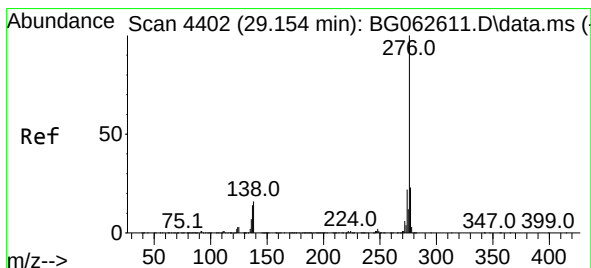
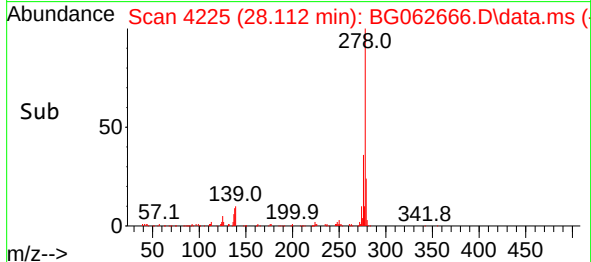
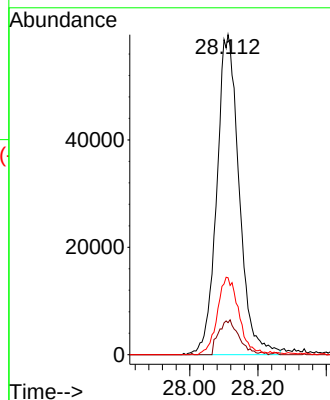
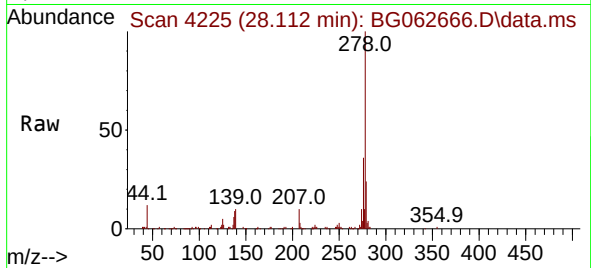
Tgt Ion: 278 Resp: 271854

Ion	Ratio	Lower	Upper
278	100		
139	10.0	9.2	13.8
279	24.0	19.7	29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#92

Benzo(g,h,i)perylene

Concen: 8.205 ng

RT: 29.134 min Scan# 4399

Delta R.T. -0.020 min

Lab File: BG062666.D

Acq: 5 Sep 2024 14:29

Tgt Ion: 276 Resp: 257177

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	14.0	12.7	19.1

