

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
 Data File : BG062662.D
 Acq On : 5 Sep 2024 11:50
 Operator : MA/JU
 Sample : P3390-03
 Misc : MDL-SOIL-8 ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 05 12:57:41 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	52287	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	221555	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	178468	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	482507	20.000	ng	0.00
76) Chrysene-d12	21.532	240	523978	20.000	ng	0.00
86) Perylene-d12	24.605	264	581797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	380621	125.828	ng	0.00
7) Phenol-d6	7.084	99	538297	123.182	ng	0.00
23) Nitrobenzene-d5	9.076	82	383150	93.137	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	370564	147.541	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1032183	93.682	ng	0.00
79) Terphenyl-d14	19.910	244	2170735	82.145	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.412	88	11145	8.844	ng	95
3) Pyridine	3.805	79	29172	8.035	ng	96
4) n-Nitrosodimethylamine	3.717	42	14497	8.213	ng	# 86
6) Aniline	7.248	93	40173	9.840	ng	94
8) 2-Chlorophenol	7.483	128	27555	8.485	ng	95
9) Benzaldehyde	7.060	77	26944	10.600	ng	92
10) Phenol	7.113	94	36967	8.356	ng	97
11) bis(2-Chloroethyl)ether	7.342	93	28483	8.409	ng	98
12) 1,3-Dichlorobenzene	7.813	146	29671	8.326	ng	97
13) 1,4-Dichlorobenzene	7.954	146	30583	8.339	ng	93
14) 1,2-Dichlorobenzene	8.271	146	29709	8.241	ng	92
15) Benzyl Alcohol	8.153	79	26624	8.234	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.435	45	51039	7.906	ng	99
17) 2-Methylphenol	8.359	107	23318	7.562	ng	93
18) Hexachloroethane	9.005	117	10814	7.863	ng	91
19) n-Nitroso-di-n-propyla...	8.717	70	26191	7.606	ng	95
20) 3+4-Methylphenols	8.682	107	31896	7.011	ng	98
22) Acetophenone	8.735	105	47794	7.996	ng	# 97
24) Nitrobenzene	9.117	77	36839	8.422	ng	98
25) Isophorone	9.634	82	70665	7.825	ng	99
26) 2-Nitrophenol	9.828	139	14157	8.566	ng	92
27) 2,4-Dimethylphenol	9.887	122	17320	7.152	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	40482	8.374	ng	96
29) 2,4-Dichlorophenol	10.362	162	28913	8.539	ng	99
30) 1,2,4-Trichlorobenzene	10.580	180	35772	8.912	ng	99
31) Naphthalene	10.762	128	98049	8.929	ng	97
32) Benzoic acid	9.951	122	14471m	5.556	ng	
33) 4-Chloroaniline	10.868	127	37262	8.622	ng	98
34) Hexachlorobutadiene	11.056	225	23634	8.431	ng	90
35) Caprolactam	11.614	113	10516	8.056	ng	# 87
36) 4-Chloro-3-methylphenol	11.990	107	31810	7.789	ng	90
37) 2-Methylnaphthalene	12.372	142	69914	8.208	ng	98
38) 1-Methylnaphthalene	12.589	142	67033	7.838	ng	91
40) 1,2,4,5-Tetrachloroben...	12.736	216	48129	8.967	ng	97
41) Hexachlorocyclopentadiene	12.719	237	13697	8.945	ng	89
43) 2,4,6-Trichlorophenol	12.977	196	28256	8.305	ng	98

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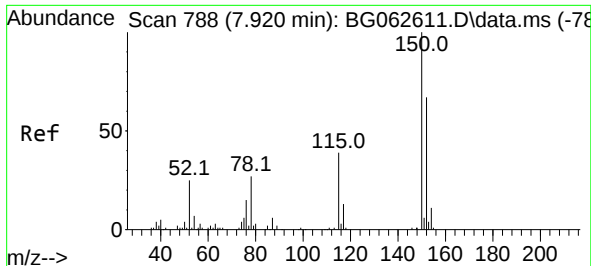
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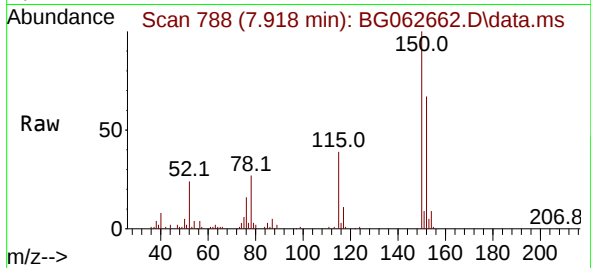
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44) 2,4,5-Trichlorophenol	13.048	196	32864	8.529	ng	94
46) 1,1'-Biphenyl	13.377	154	106268	8.925	ng	96
47) 2-Chloronaphthalene	13.424	162	83920	8.697	ng	97
48) 2-Nitroaniline	13.617	65	21231	8.365	ng	94
49) Acenaphthylene	14.264	152	132675	9.285	ng	96
50) Dimethylphthalate	13.993	163	114660	8.786	ng	99
51) 2,6-Dinitrotoluene	14.111	165	20743	8.403	ng	93
52) Acenaphthene	14.610	154	76855	8.604	ng	95
53) 3-Nitroaniline	14.446	138	20425	8.552	ng	97
54) 2,4-Dinitrophenol	14.652	184	6851	4.946	ng	93
55) Dibenzofuran	14.945	168	138747	9.057	ng	96
56) 4-Nitrophenol	14.751	139	16277	8.041	ng	95
57) 2,4-Dinitrotoluene	14.898	165	29627	8.797	ng	99
58) Fluorene	15.592	166	106636	8.869	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	34006m	9.316	ng	
60) Diethylphthalate	15.362	149	110934	8.577	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	63620	9.217	ng	92
62) 4-Nitroaniline	15.598	138	22897	8.694	ng	94
63) Azobenzene	15.880	77	106072	8.734	ng	97
65) 4,6-Dinitro-2-methylph...	15.668	198	15073	7.000	ng	93
66) n-Nitrosodiphenylamine	15.797	169	100266	8.643	ng	99
67) 4-Bromophenyl-phenylether	16.479	248	43952	8.826	ng	95
68) Hexachlorobenzene	16.596	284	51597	8.749	ng	95
69) Atrazine	16.743	200	42916	10.892	ng	94
70) Pentachlorophenol	16.943	266	23533m	6.230	ng	
71) Phenanthrene	17.331	178	206673	9.177	ng	99
72) Anthracene	17.419	178	202006	9.123	ng	98
73) Carbazole	17.689	167	179388	8.812	ng	99
74) Di-n-butylphthalate	18.253	149	189309	8.246	ng	99
75) Fluoranthene	19.340	202	257458	9.039	ng	97
77) Benzidine	19.522	184	100887	10.683	ng	98
78) Pyrene	19.704	202	280740	8.429	ng	98
80) Butylbenzylphthalate	20.598	149	72288	7.389	ng	98
81) Benzo(a)anthracene	21.514	228	287505	8.700	ng	98
82) 3,3'-Dichlorobenzidine	21.438	252	95385	8.860	ng	98
83) Chrysene	21.579	228	281612	8.896	ng	98
84) Bis(2-ethylhexyl)phtha...	21.438	149	111392	7.495	ng	# 96
85) Di-n-octyl phthalate	22.595	149	187545	7.207	ng	100
87) Indeno(1,2,3-cd)pyrene	28.065	276	332150	8.903	ng	# 92
88) Benzo(b)fluoranthene	23.629	252	275043	8.559	ng	99
89) Benzo(k)fluoranthene	23.694	252	274117	8.720	ng	98
90) Benzo(a)pyrene	24.452	252	251194	8.848	ng	99
91) Dibenzo(a,h)anthracene	28.118	278	274607	8.936	ng	97
92) Benzo(g,h,i)perylene	29.140	276	259388	8.370	ng	# 94

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

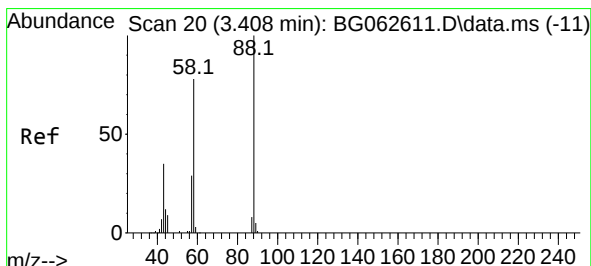
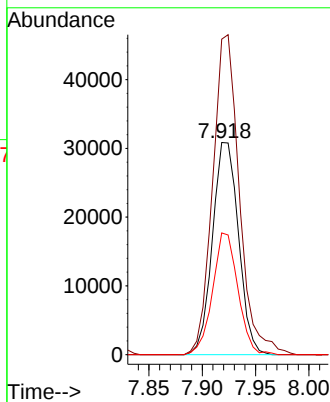
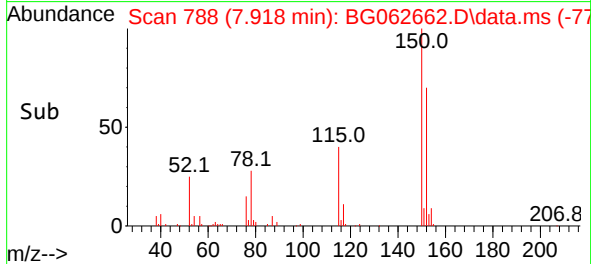
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



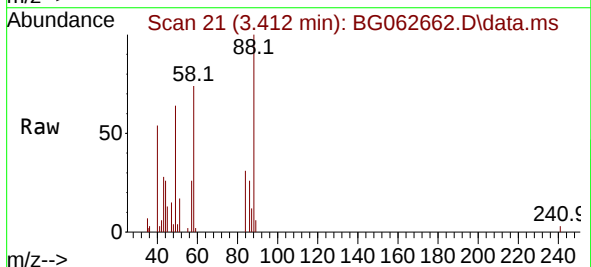
Tgt Ion:152 Resp: 5228
Ion Ratio Lower Upper
152 100
150 148.7 119.9 179.9
115 57.4 46.6 69.8

Manual Integrations
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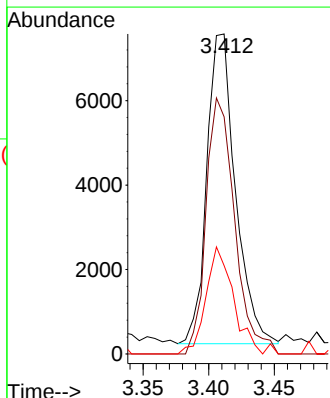
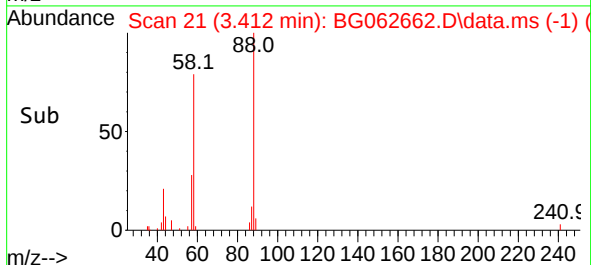
Reviewed By :Jagrut Upadhyay 09/06/2024
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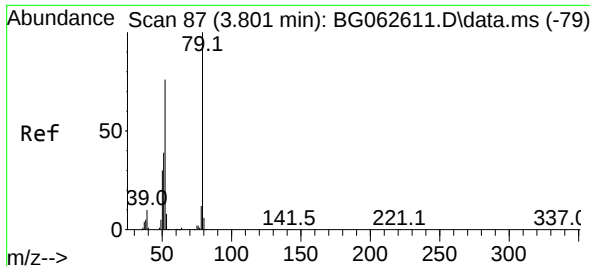


#2
1,4-Dioxane
Concen: 8.844 ng
RT: 3.412 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



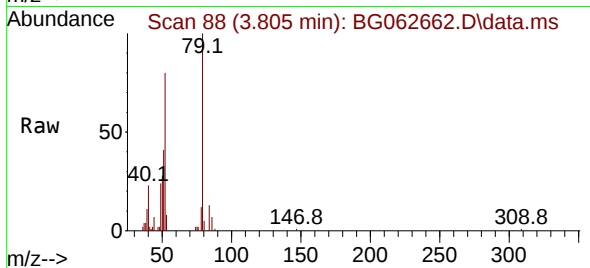
Tgt Ion: 88 Resp: 11145
Ion Ratio Lower Upper
88 100
58 82.6 62.3 93.5
43 32.9 27.5 41.3





#3
Pyridine
Concen: 8.035 ng
RT: 3.805 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

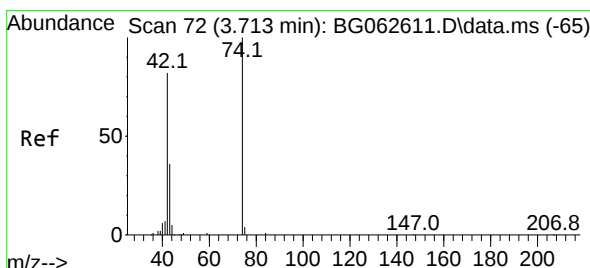
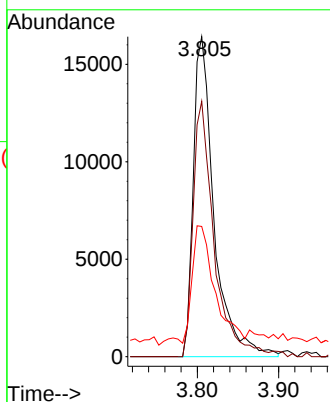
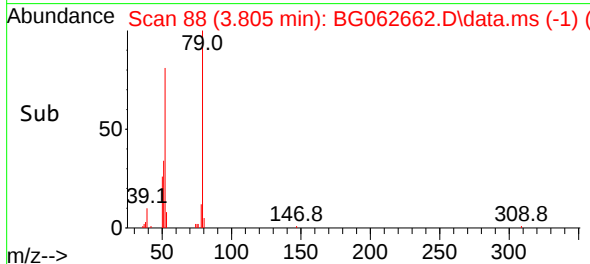
Instrument :
BNA_G
ClientSampleId :
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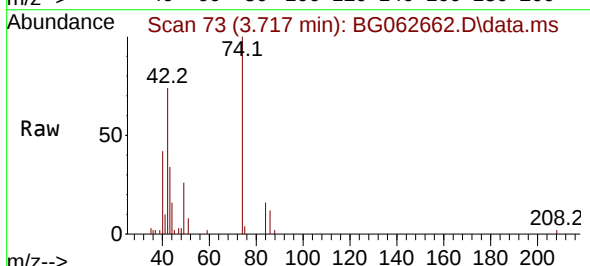
Tgt Ion: 79 Resp: 2917
Ion Ratio Lower Upper
79 100
52 79.8 60.9 91.3
51 40.7 31.5 47.3

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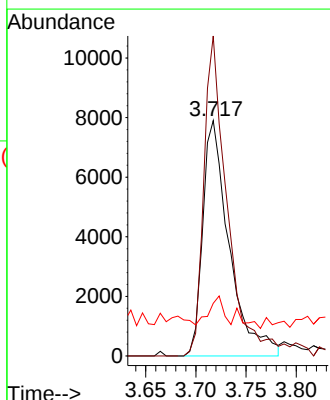
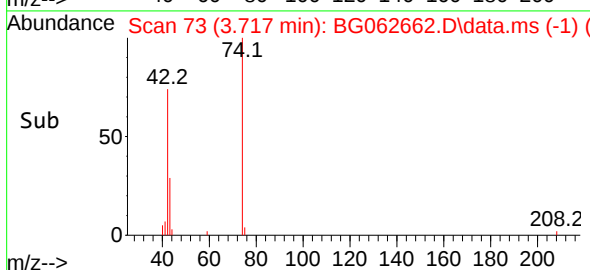
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

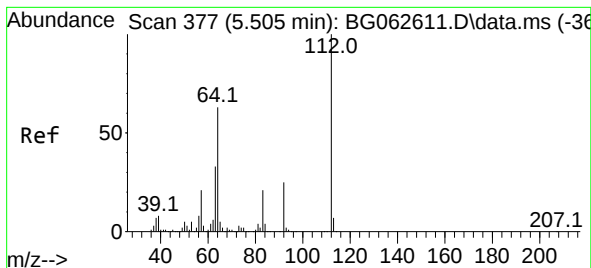


#4
n-Nitrosodimethylamine
Concen: 8.213 ng
RT: 3.717 min Scan# 73
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



Tgt Ion: 42 Resp: 14497
Ion Ratio Lower Upper
42 100
74 136.0 98.0 147.0
44 22.4 7.4 11.2





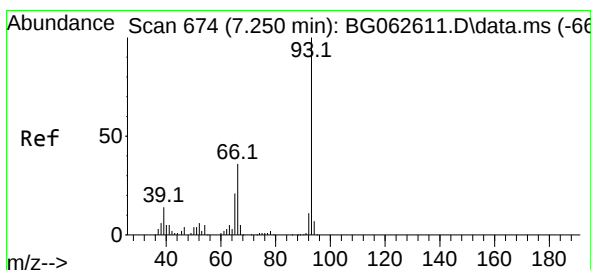
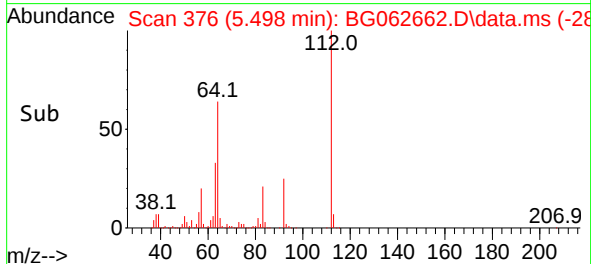
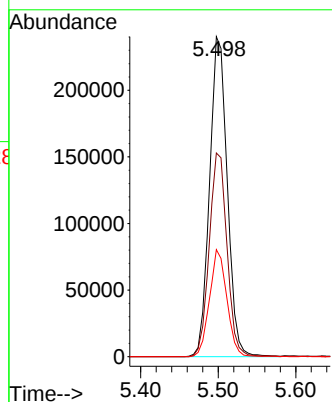
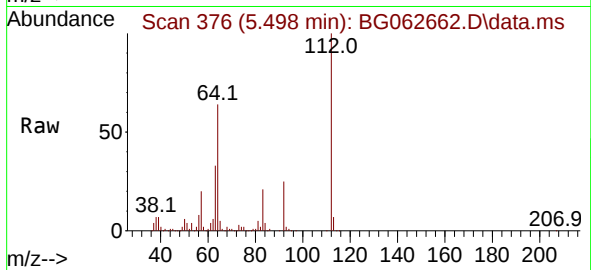
#5
2-Fluorophenol
Concen: 125.828 ng
RT: 5.498 min Scan# 377
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Instrument :
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ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 112 Resp: 38062
Ion Ratio Lower Upper
112 100
64 63.6 50.2 75.2
63 33.4 26.6 39.8

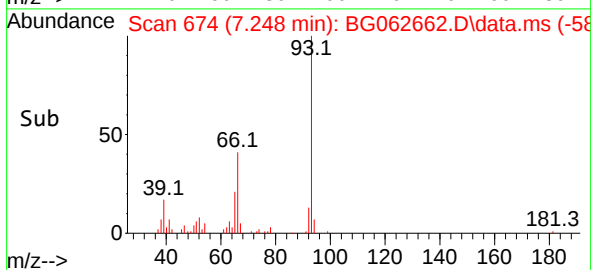
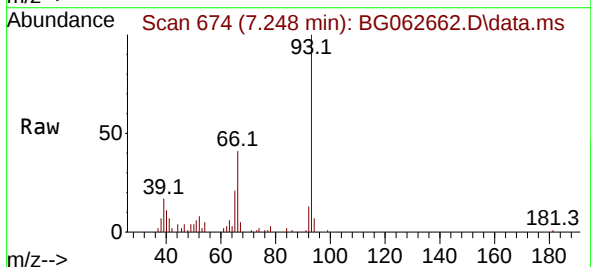
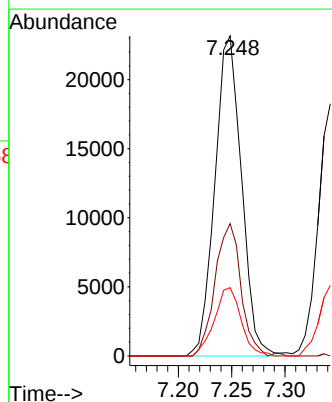
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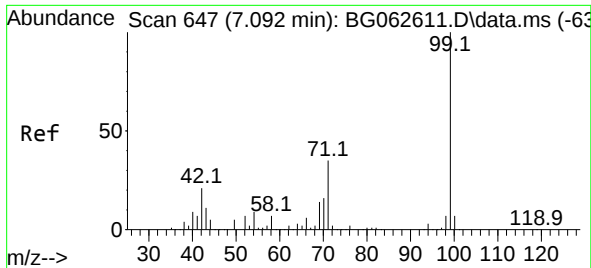
Reviewed By :Jagrut Upadhyay 09/06/2024
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#6
Aniline
Concen: 9.840 ng
RT: 7.248 min Scan# 674
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

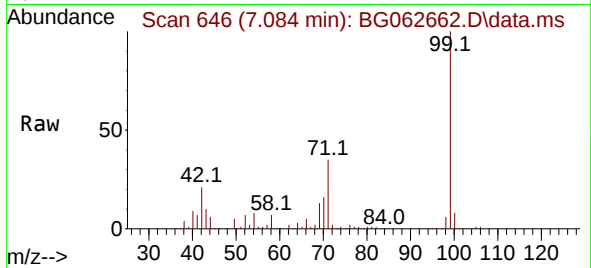
Tgt Ion: 93 Resp: 40173
Ion Ratio Lower Upper
93 100
66 41.3 29.1 43.7
65 21.3 16.6 25.0





#7
Phenol-d6
Concen: 123.182 ng
RT: 7.084 min Scan# 647
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

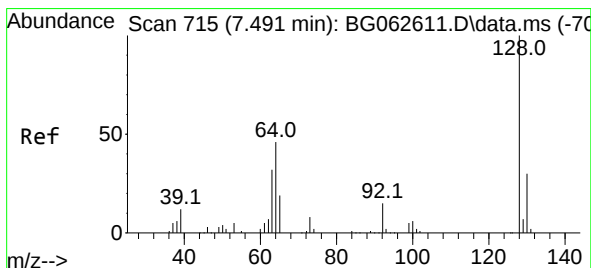
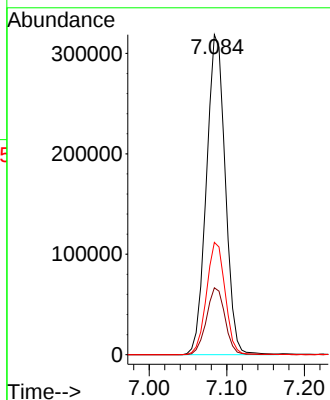
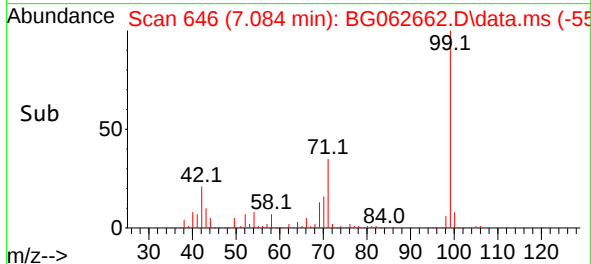
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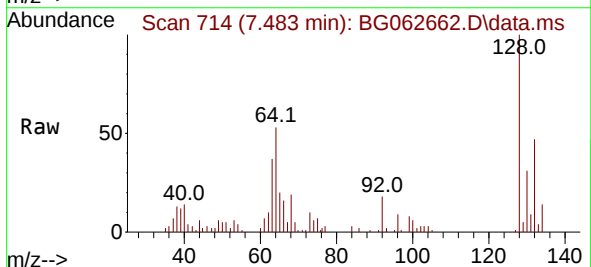
Tgt Ion: 99 Resp: 53829
Ion Ratio Lower Upper
99 100
42 20.9 16.9 25.3
71 35.1 27.9 41.9

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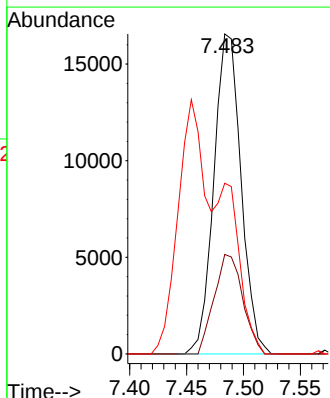
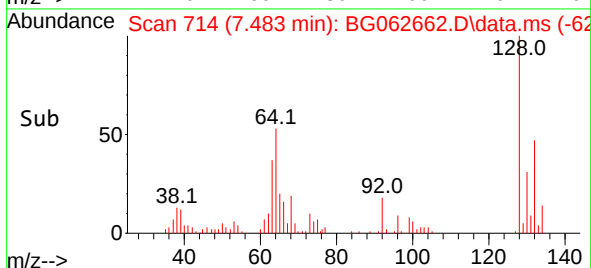
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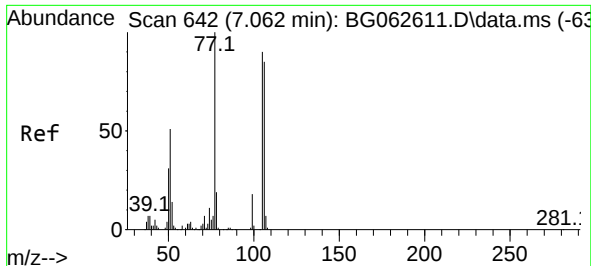


#8
2-Chlorophenol
Concen: 8.485 ng
RT: 7.483 min Scan# 714
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



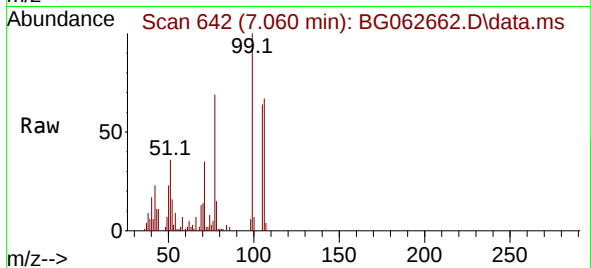
Tgt Ion:128 Resp: 27555
Ion Ratio Lower Upper
128 100
130 31.1 10.0 50.0
64 53.3 28.8 68.8





#9
Benzaldehyde
Concen: 10.600 ng
RT: 7.060 min Scan# 642
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

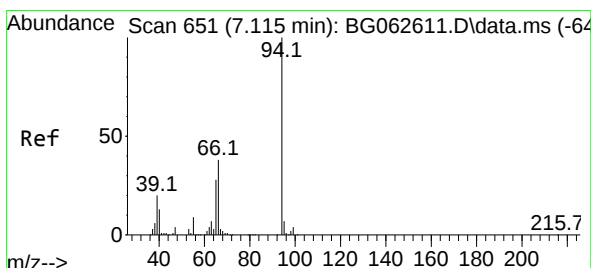
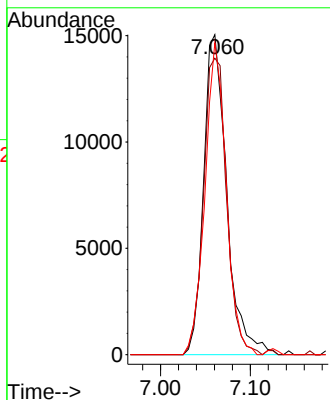
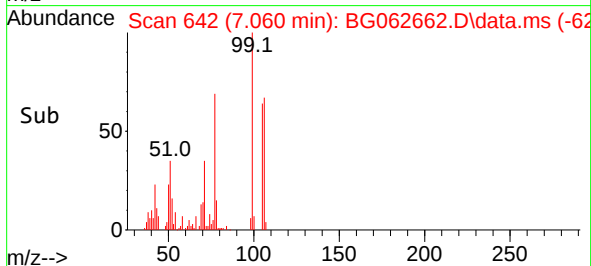
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 77 Resp: 26944
Ion Ratio Lower Upper
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105 92.6 70.2 110.2
106 97.5 65.4 105.4

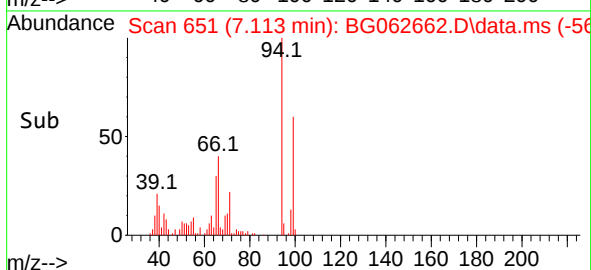
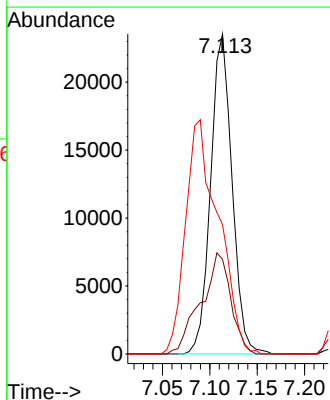
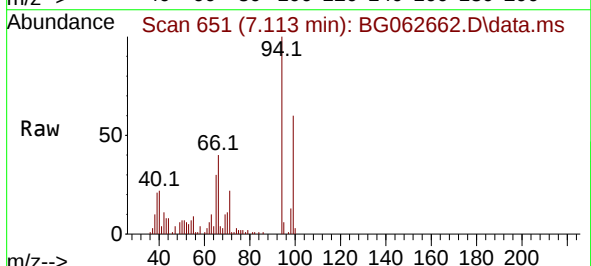
Manual Integrations
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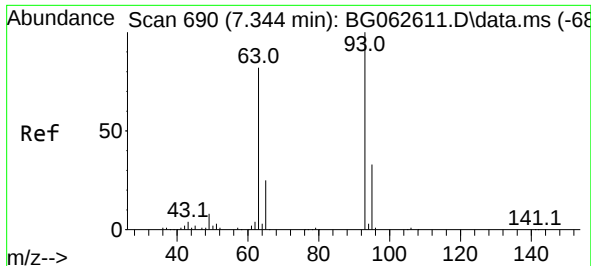
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#10
Phenol
Concen: 8.356 ng
RT: 7.113 min Scan# 651
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion: 94 Resp: 36967
Ion Ratio Lower Upper
94 100
65 29.6 8.6 48.6
66 40.5 18.2 58.2





#11

bis(2-Chloroethyl)ether

Concen: 8.409 ng

RT: 7.342 min Scan# 690

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

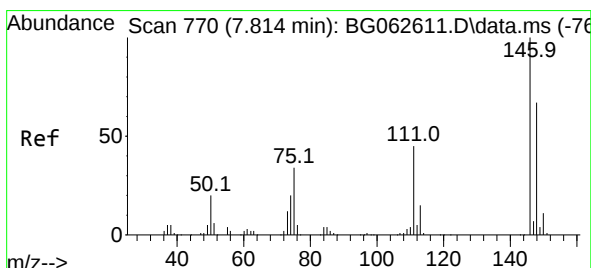
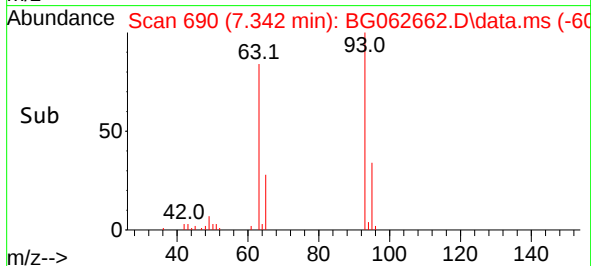
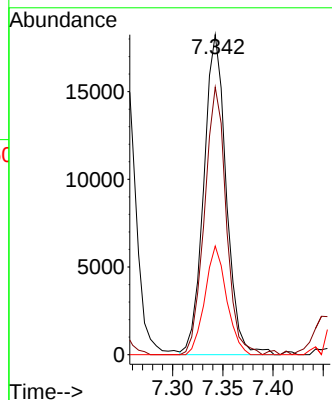
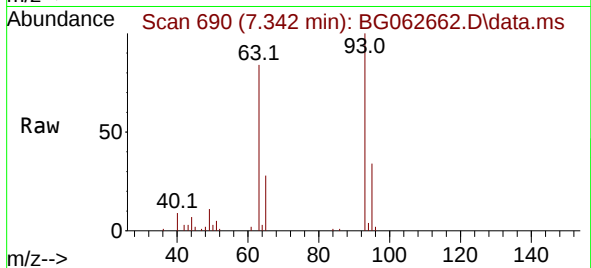
MDL-SOIL-03-QT3-2024

Tgt Ion: 93	Resp: 2848
Ion Ratio	Lower Upper
93 100	
63 83.6	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: 8.326 ng

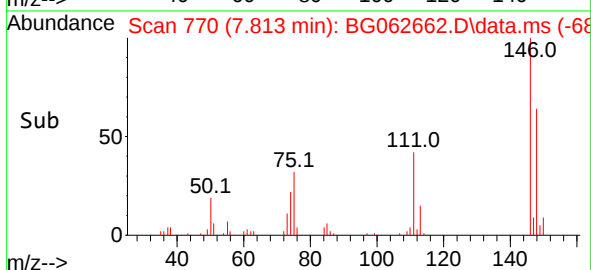
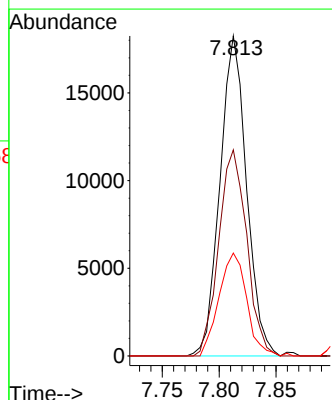
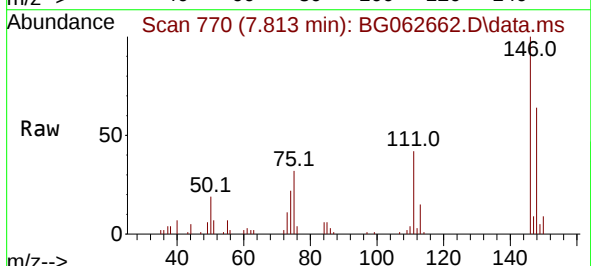
RT: 7.813 min Scan# 770

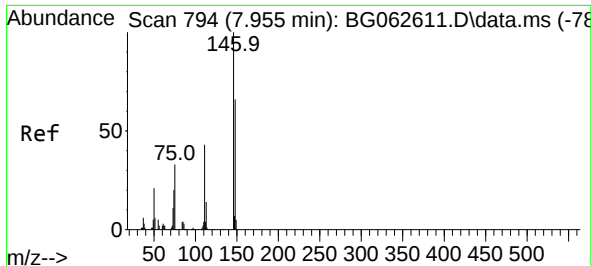
Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

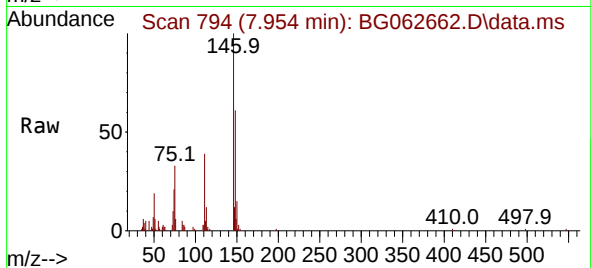
Tgt Ion:146	Resp: 29671
Ion Ratio	Lower Upper
146 100	
148 64.4	53.9 80.9
75 32.2	27.0 40.4





#13
1,4-Dichlorobenzene
Concen: 8.339 ng
RT: 7.954 min Scan# 794
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

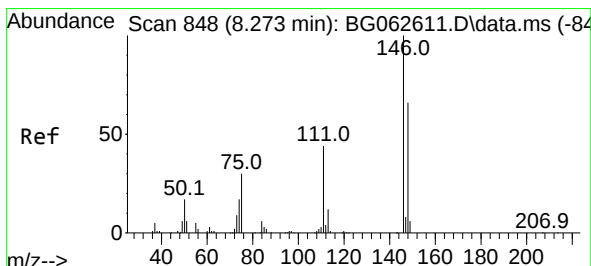
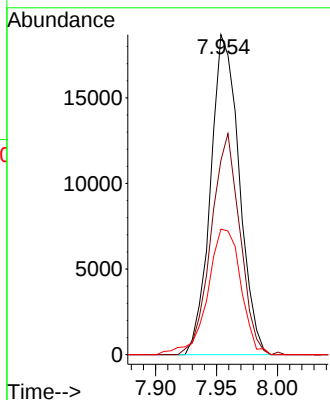
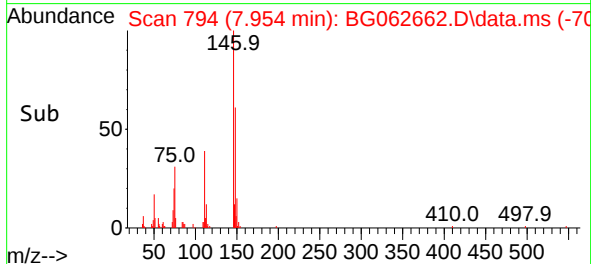
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:146 Resp: 3058
Ion Ratio Lower Upper
146 100
148 60.8 53.0 79.6
111 39.3 34.9 52.3

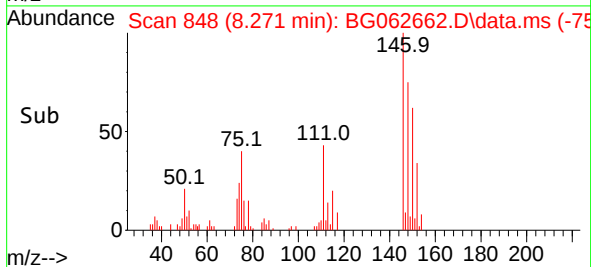
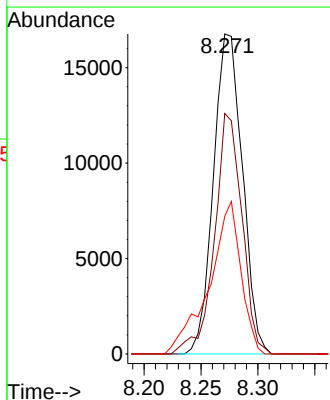
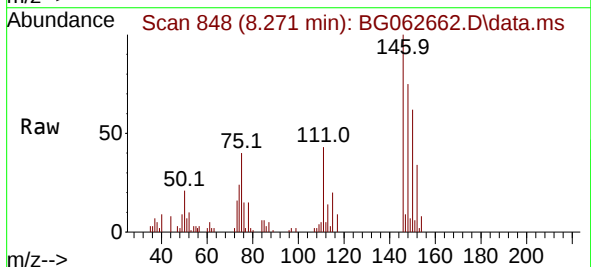
Manual Integrations
APPROVED

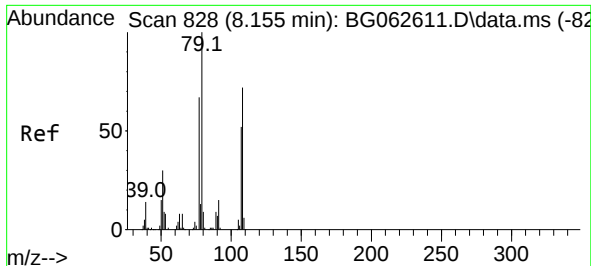
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#14
1,2-Dichlorobenzene
Concen: 8.241 ng
RT: 8.271 min Scan# 848
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion:146 Resp: 29709
Ion Ratio Lower Upper
146 100
148 75.2 52.5 78.7
111 43.0 35.5 53.3





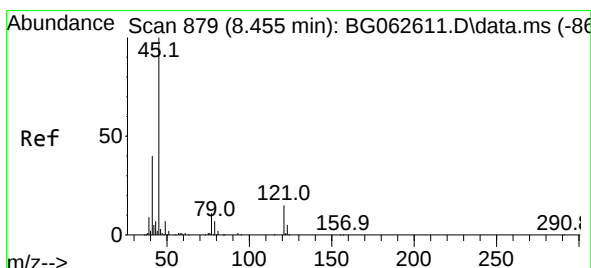
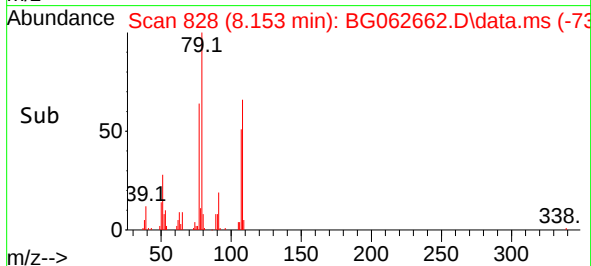
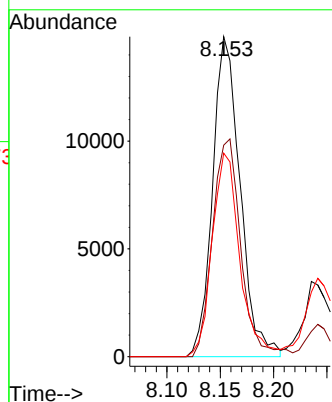
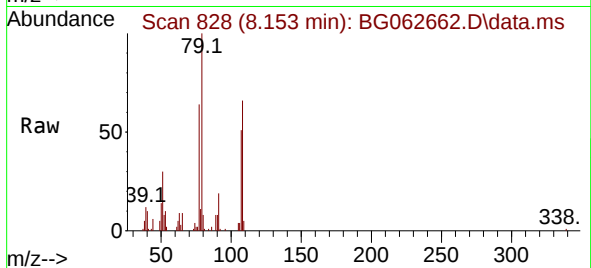
#15
Benzyl Alcohol
Concen: 8.234 ng
RT: 8.153 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 79 Resp: 26624
Ion Ratio Lower Upper
79 100
108 66.1 57.9 86.9
77 63.6 53.4 80.2

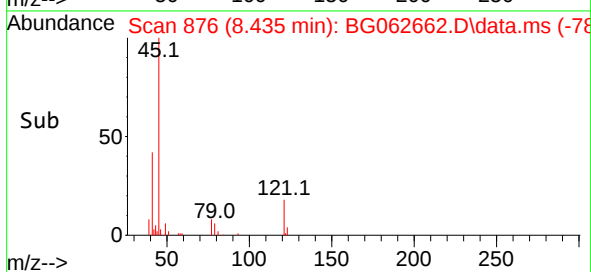
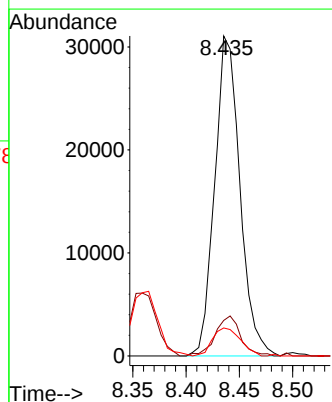
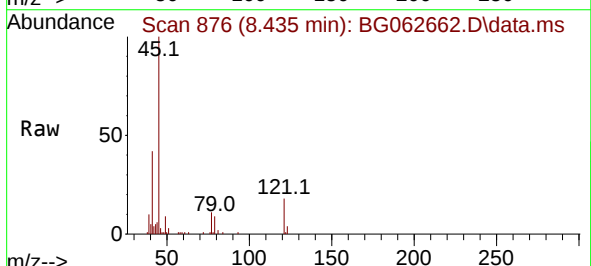
Manual Integrations
APPROVED

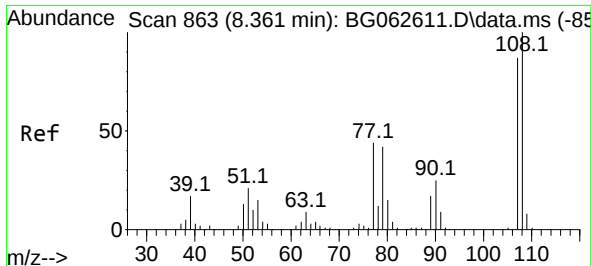
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.906 ng
RT: 8.435 min Scan# 876
Delta R.T. -0.019 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

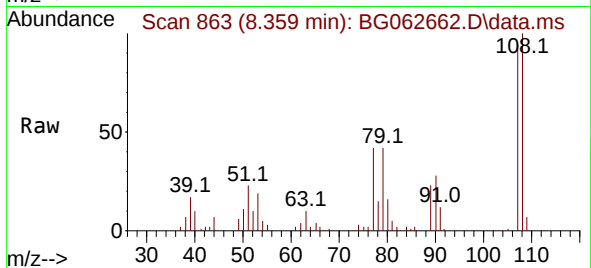
Tgt Ion: 45 Resp: 51039
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.7
79 8.8 0.0 28.3





#17
2-Methylphenol
Concen: 7.562 ng
RT: 8.359 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

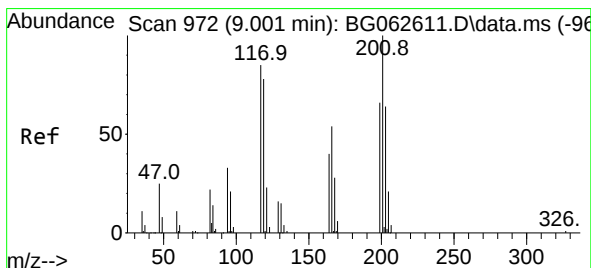
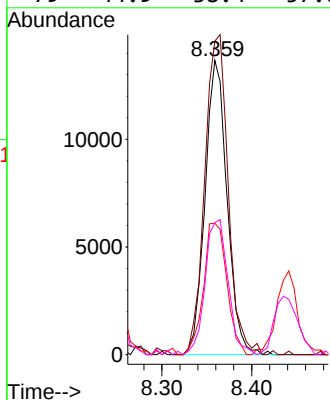
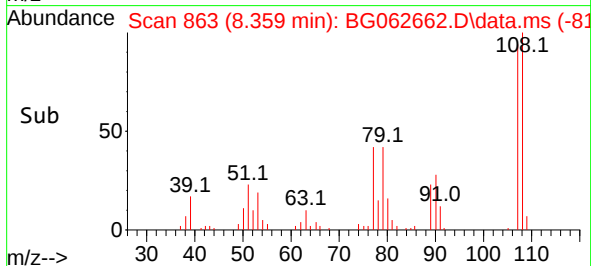
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:	107	Resp:	23318
Ion	Ratio	Lower	Upper
107	100		
108	106.6	91.5	137.3
77	44.7	40.0	60.0
79	44.9	38.4	57.6

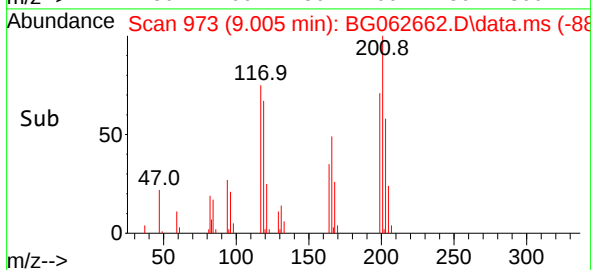
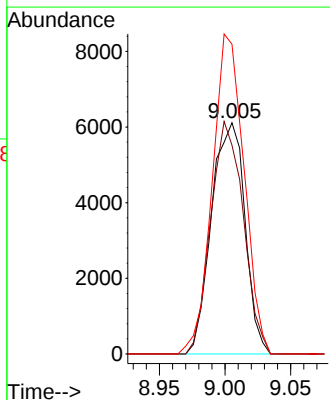
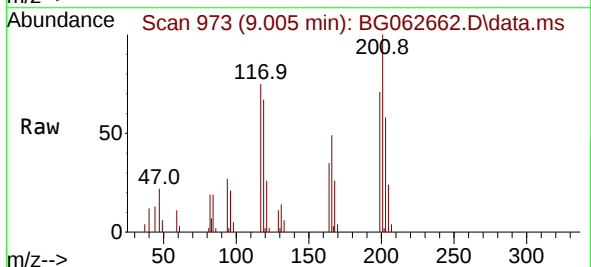
Manual Integrations
APPROVED

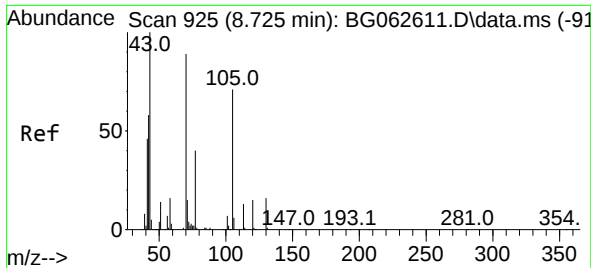
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#18
Hexachloroethane
Concen: 7.863 ng
RT: 9.005 min Scan# 973
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

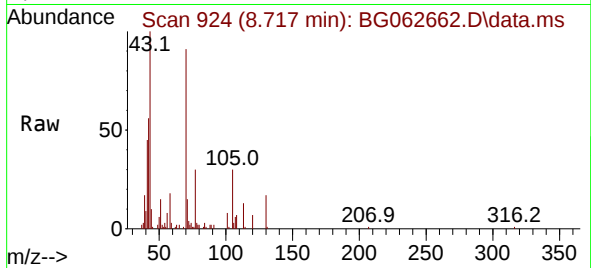
Tgt Ion:	117	Resp:	10814
Ion	Ratio	Lower	Upper
117	100		
119	90.3	73.4	110.0
201	133.9	93.9	140.9





#19
n-Nitroso-di-n-propylamine
Concen: 7.606 ng
RT: 8.717 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

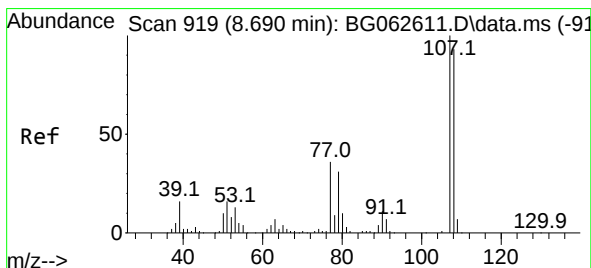
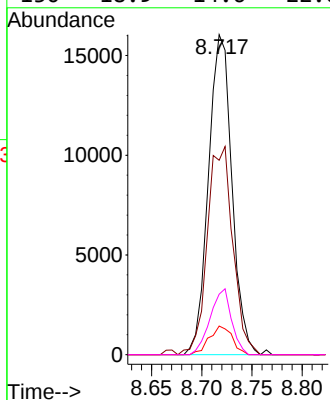
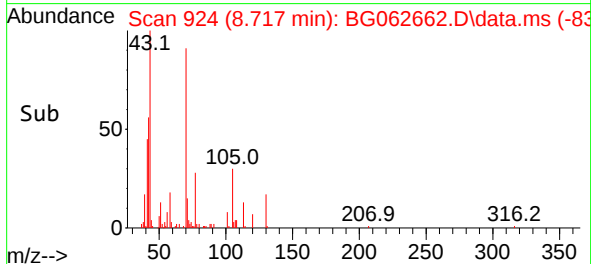
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 70 Resp: 2619
Ion Ratio Lower Upper
70 100
42 60.8 52.3 78.5
101 9.0 6.6 9.8
130 18.9 14.6 22.0

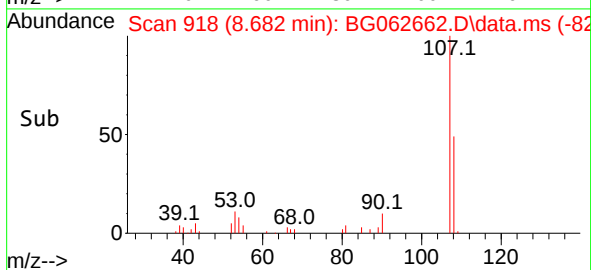
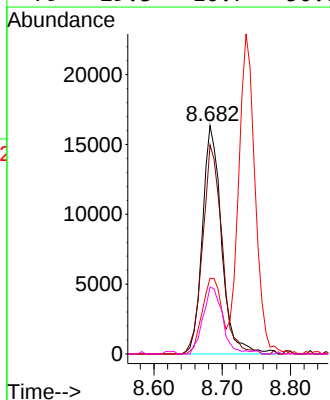
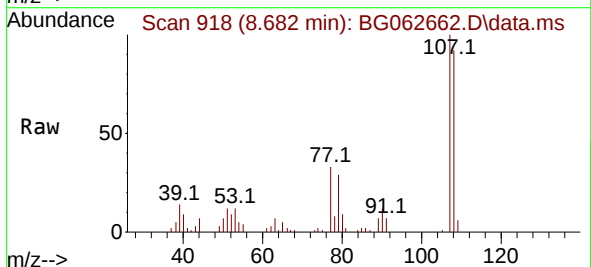
Manual Integrations
APPROVED

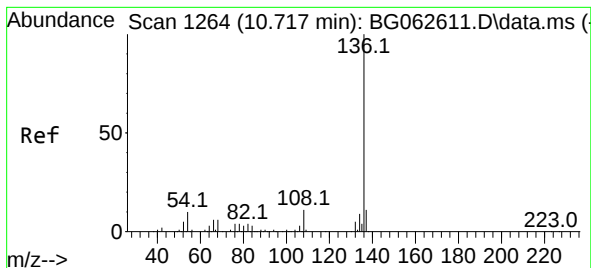
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#20
3+4-Methylphenols
Concen: 7.011 ng
RT: 8.682 min Scan# 918
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

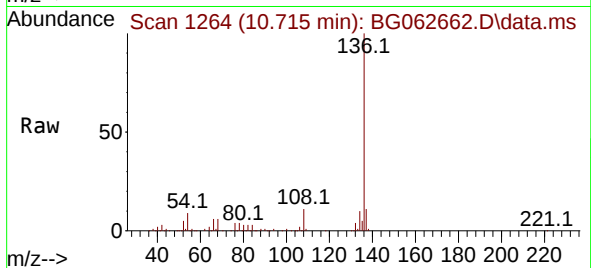
Tgt Ion:107 Resp: 31896
Ion Ratio Lower Upper
107 100
108 91.6 72.7 112.7
77 33.2 16.5 56.5
79 29.3 10.7 50.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

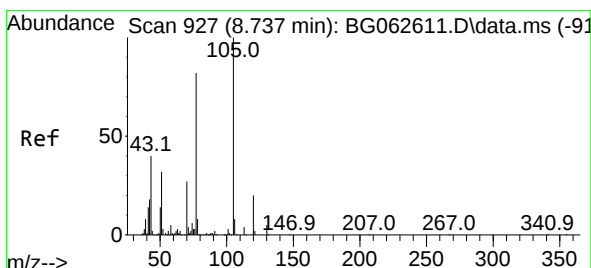
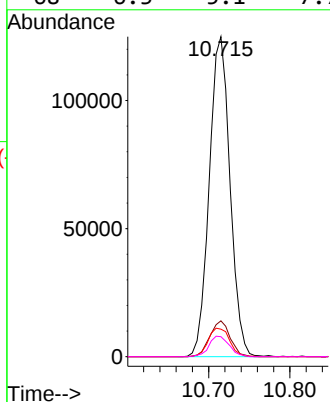
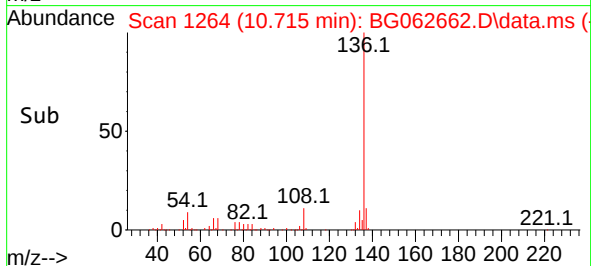
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:136 Resp: 22155
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.6 7.8 11.6
68 6.3 5.1 7.7

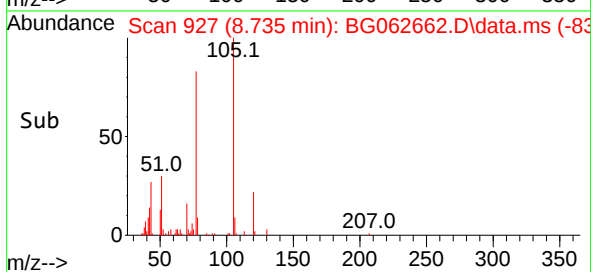
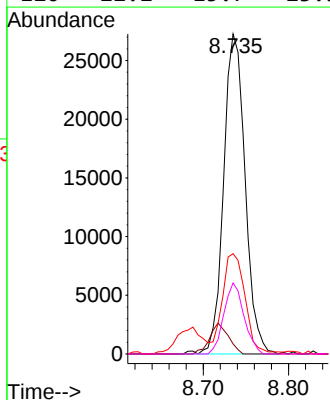
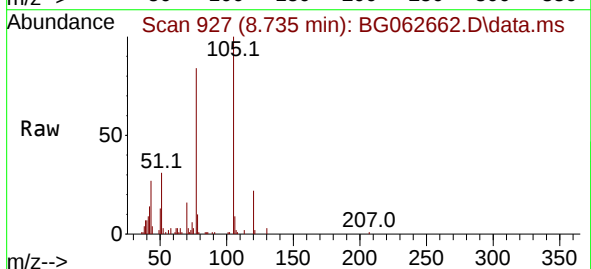
Manual Integrations
APPROVED

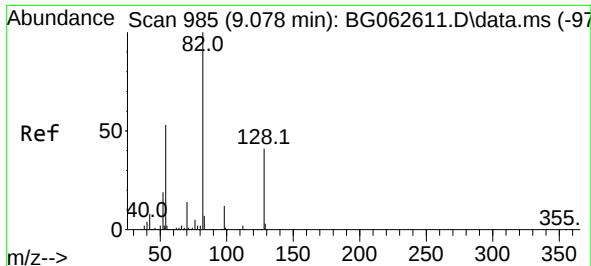
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#22
Acetophenone
Concen: 7.996 ng
RT: 8.735 min Scan# 927
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

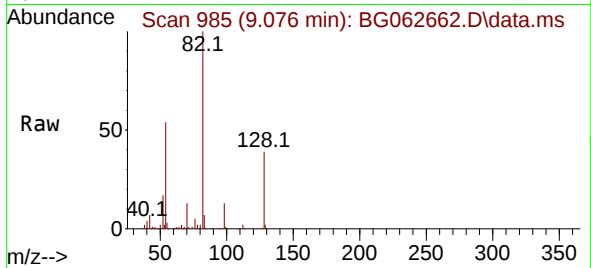
Tgt Ion:105 Resp: 47794
Ion Ratio Lower Upper
105 100
71 3.1 3.5 5.3#
51 31.4 25.7 38.5
120 22.2 15.7 23.5





#23
Nitrobenzene-d5
Concen: 93.137 ng
RT: 9.076 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

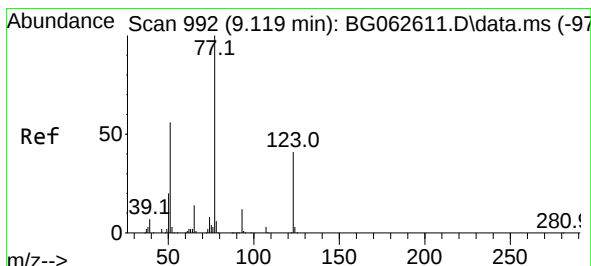
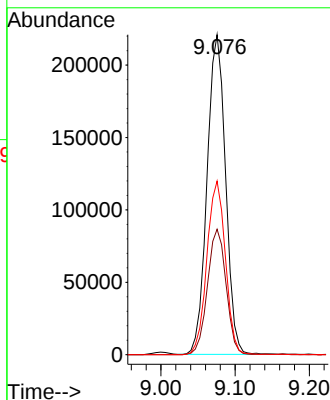
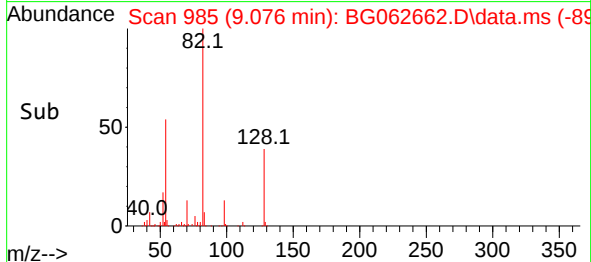
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



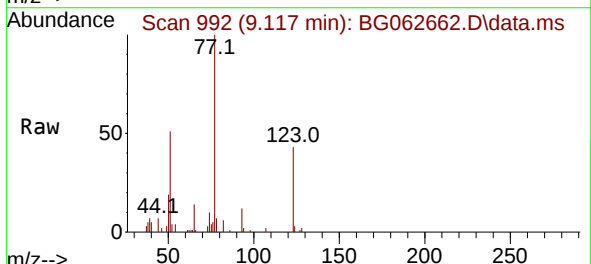
Tgt Ion: 82 Resp: 383150
Ion Ratio Lower Upper
82 100
128 39.2 32.5 48.7
54 54.3 42.5 63.7

Manual Integrations
APPROVED

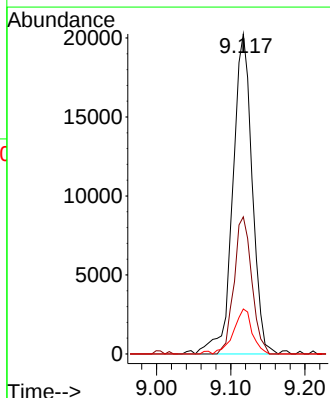
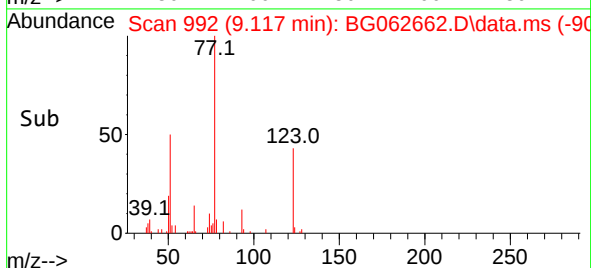
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

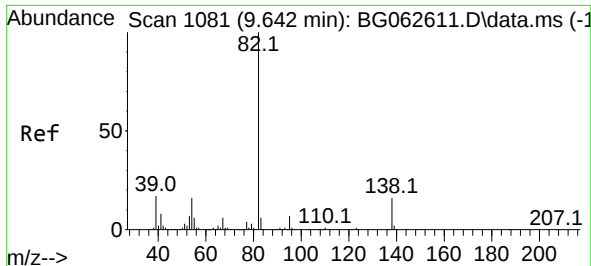


#24
Nitrobenzene
Concen: 8.422 ng
RT: 9.117 min Scan# 992
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



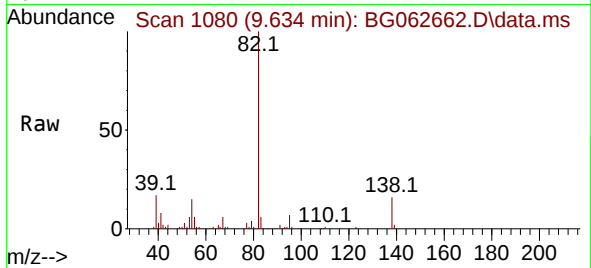
Tgt Ion: 77 Resp: 36839
Ion Ratio Lower Upper
77 100
123 42.8 33.1 49.7
65 14.0 11.0 16.4





#25
Isophorone
Concen: 7.825 ng
RT: 9.634 min Scan# 1081
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

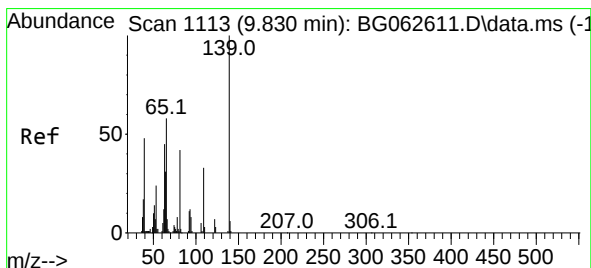
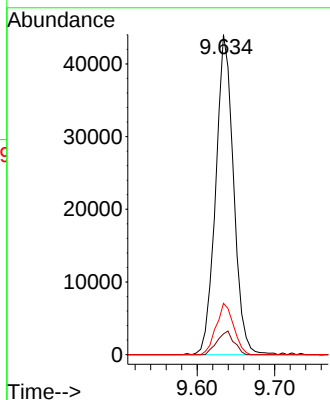
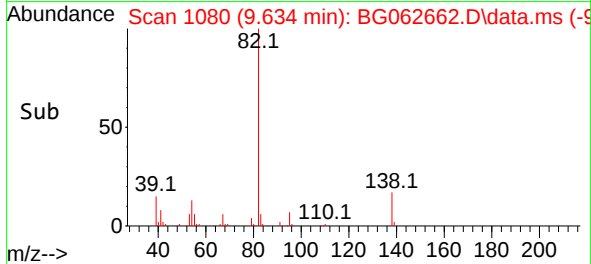
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 82 Resp: 7066
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 16.1 12.6 18.8

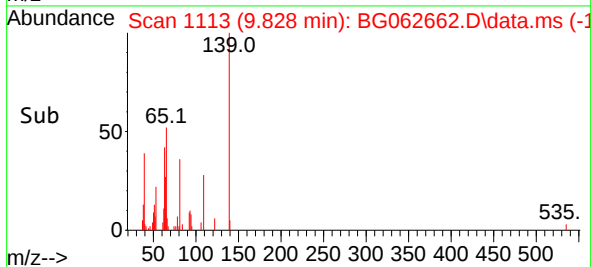
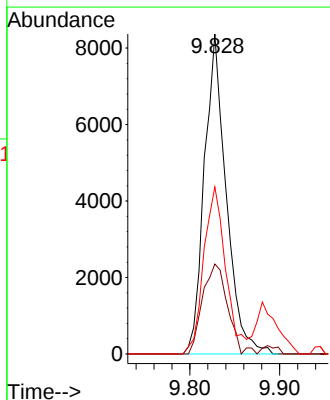
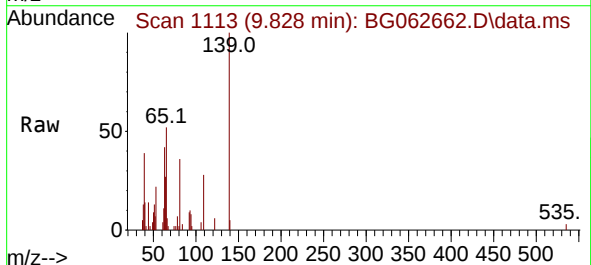
Manual Integrations
APPROVED

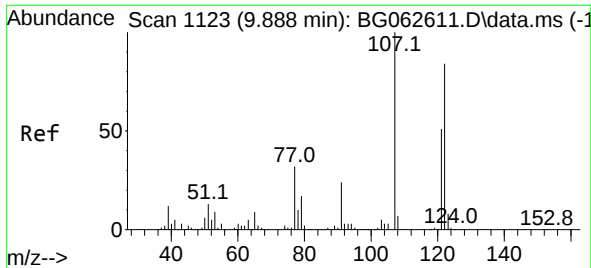
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#26
2-Nitrophenol
Concen: 8.566 ng
RT: 9.828 min Scan# 1113
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion:139 Resp: 14157
Ion Ratio Lower Upper
139 100
109 28.1 26.6 39.8
65 52.2 46.5 69.7





#27

2,4-Dimethylphenol

Concen: 7.152 ng

RT: 9.887 min Scan# 1123

Delta R.T. -0.002 min

Lab File: BG062662.D

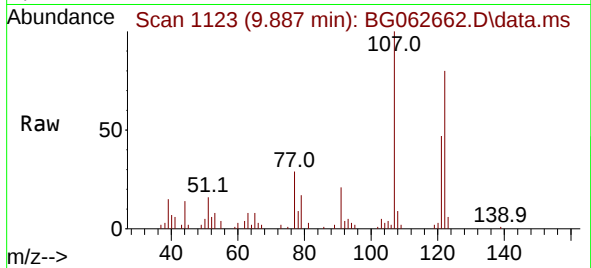
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



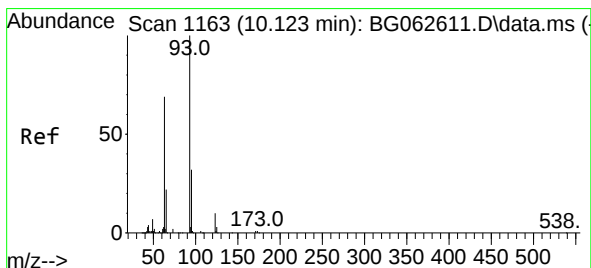
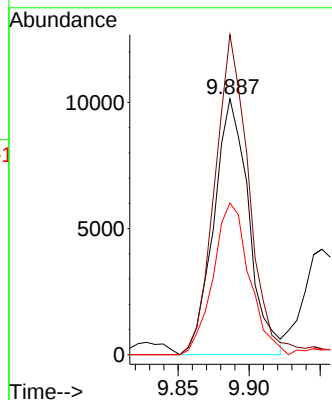
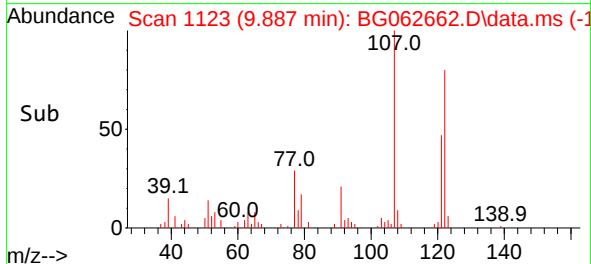
Tgt Ion:122 Resp: 17320

Ion	Ratio	Lower	Upper
122	100		
107	125.1	95.8	143.6
121	59.3	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: 8.374 ng

RT: 10.122 min Scan# 1163

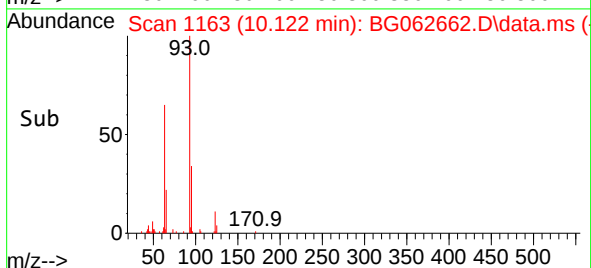
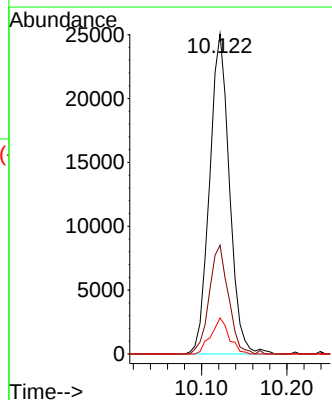
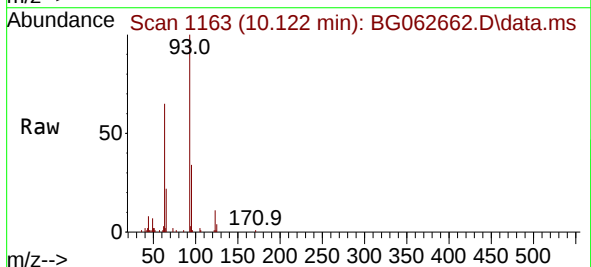
Delta R.T. -0.002 min

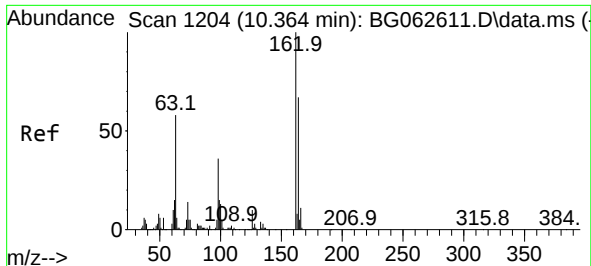
Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion: 93 Resp: 40482

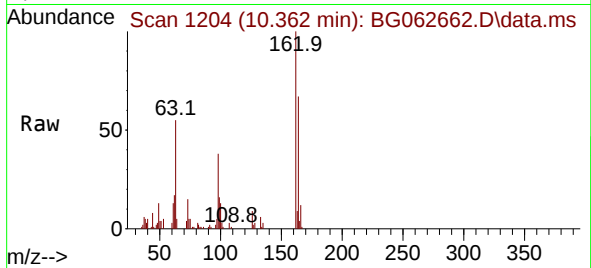
Ion	Ratio	Lower	Upper
93	100		
95	33.9	25.4	38.0
123	11.3	7.9	11.9





#29
2,4-Dichlorophenol
Concen: 8.539 ng
RT: 10.362 min Scan# 1204
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

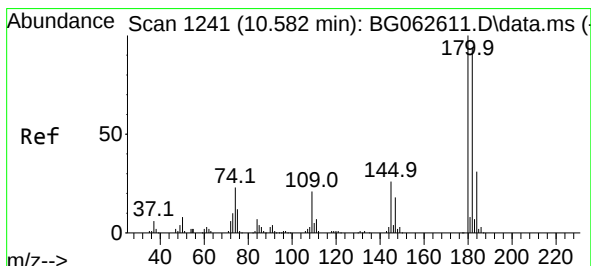
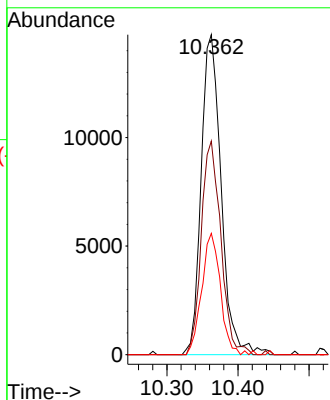
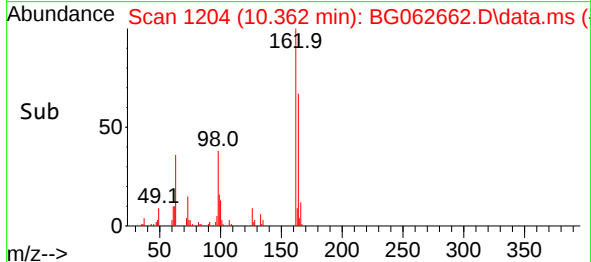
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:162 Resp: 2891
Ion Ratio Lower Upper
162 100
164 66.7 46.8 86.8
98 37.9 16.4 56.4

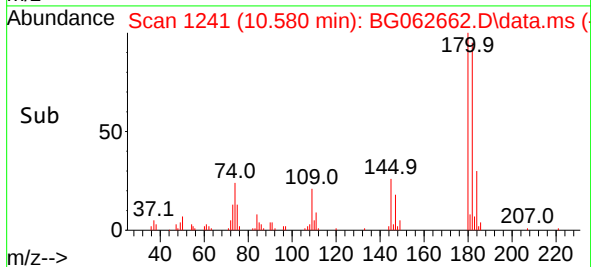
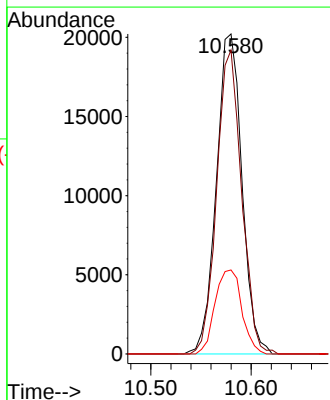
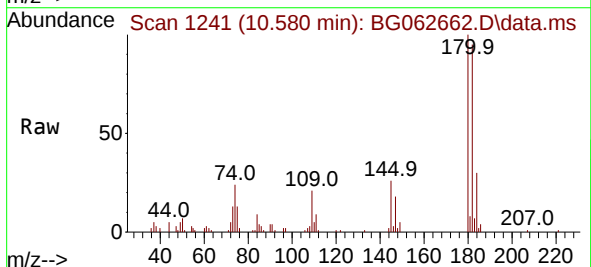
Manual Integrations
APPROVED

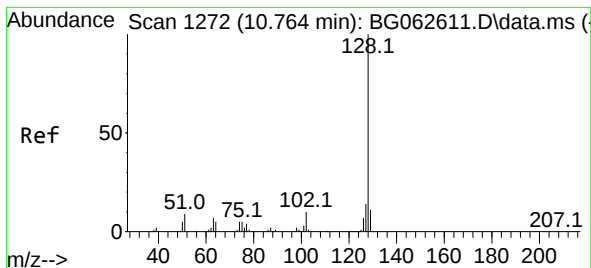
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.912 ng
RT: 10.580 min Scan# 1241
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

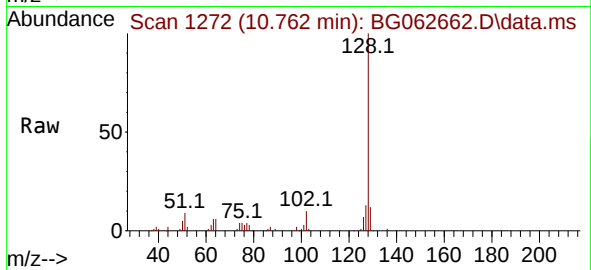
Tgt Ion:180 Resp: 35772
Ion Ratio Lower Upper
180 100
182 95.0 75.1 112.7
145 26.3 20.8 31.2





#31
Naphthalene
Concen: 8.929 ng
RT: 10.762 min Scan# 1134
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

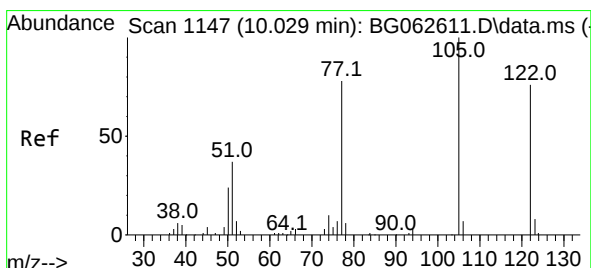
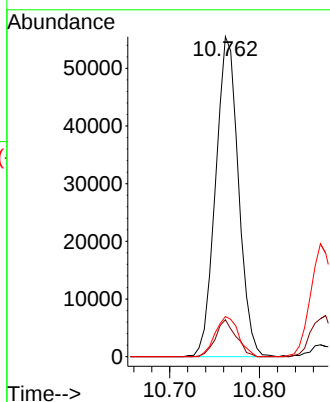
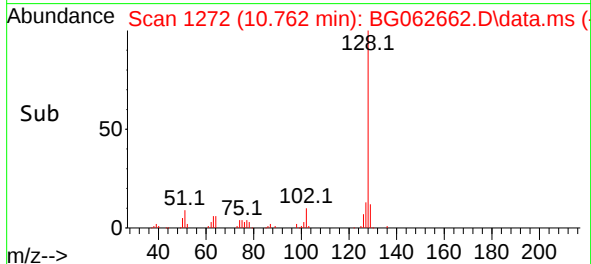
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:128 Resp: 98049
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 12.6 11.3 16.9

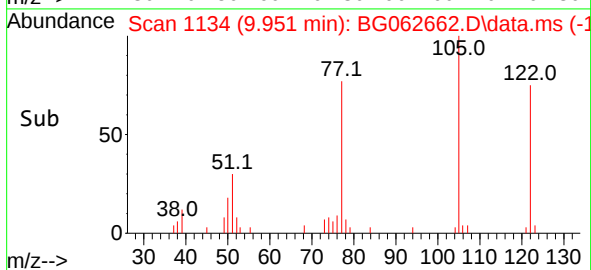
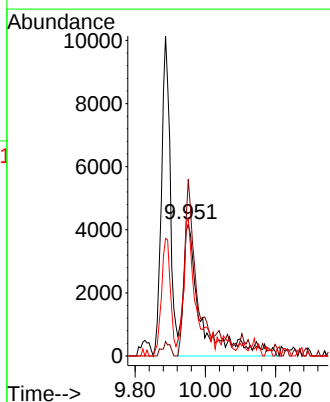
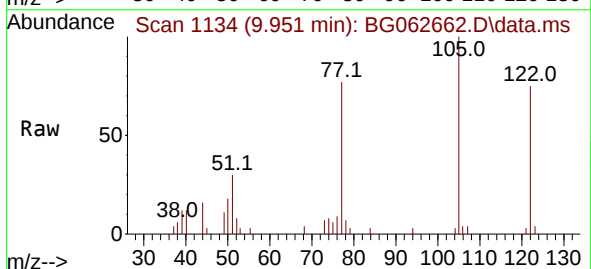
Manual Integrations
APPROVED

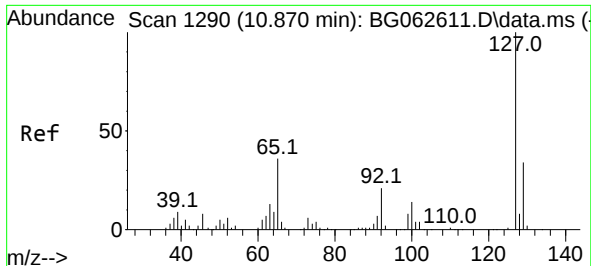
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#32
Benzoic acid
Concen: 5.556 ng m
RT: 9.951 min Scan# 1134
Delta R.T. -0.078 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

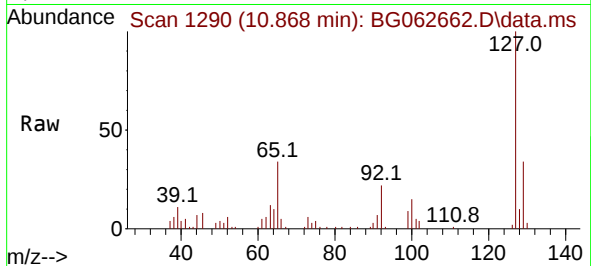
Tgt Ion:122 Resp: 14471
Ion Ratio Lower Upper
122 100
105 134.0 105.7 145.7
77 103.7 79.9 119.9





#33
4-Chloroaniline
Concen: 8.622 ng
RT: 10.868 min Scan# 1290
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

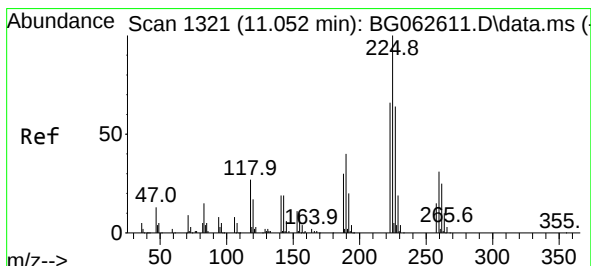
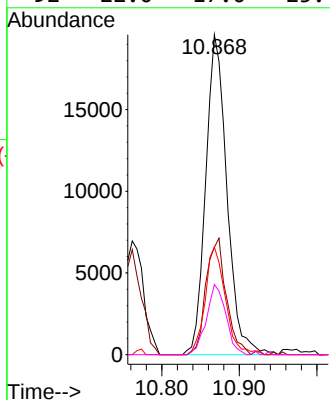
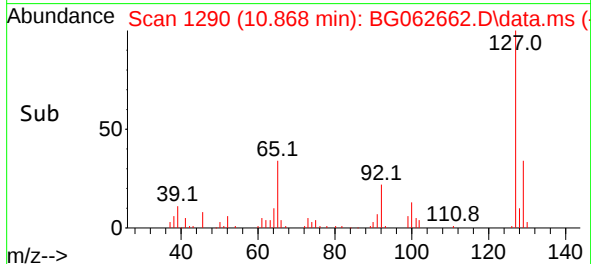
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.5	27.3	40.9
65	33.6	29.0	43.4
92	22.0	17.0	25.4

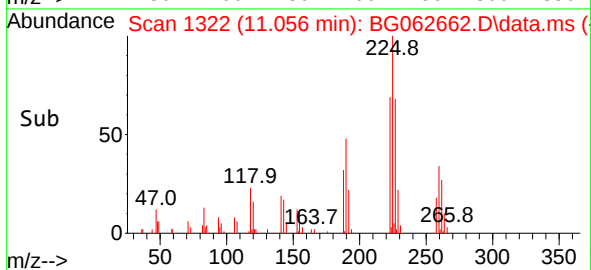
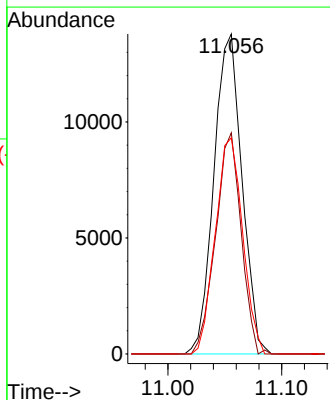
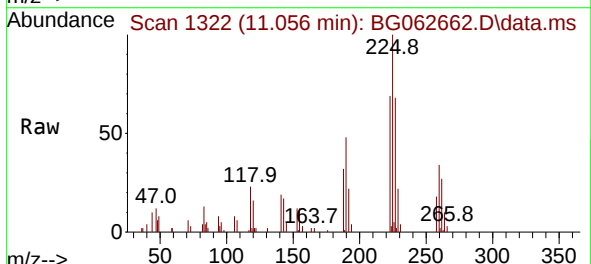
Manual Integrations
APPROVED

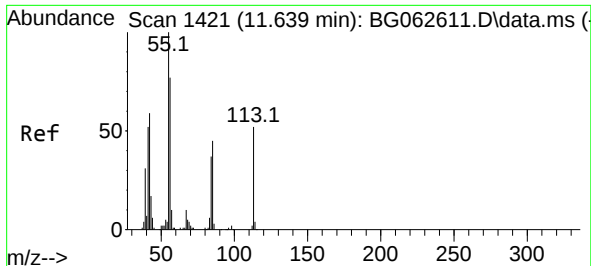
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#34
Hexachlorobutadiene
Concen: 8.431 ng
RT: 11.056 min Scan# 1322
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

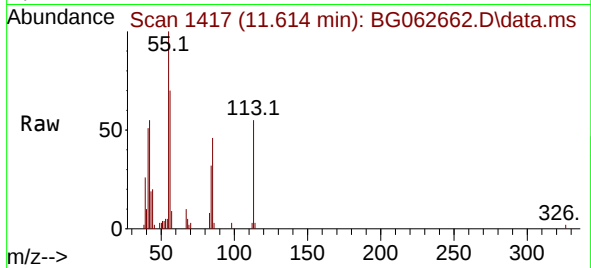
Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.1	50.1	75.1
227	69.6	48.9	73.3





#35
Caprolactam
Concen: 8.056 ng
RT: 11.614 min Scan# 1417
Delta R.T. -0.025 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

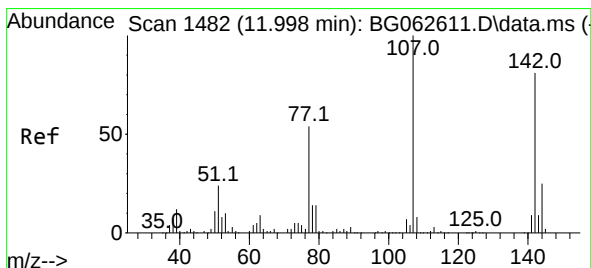
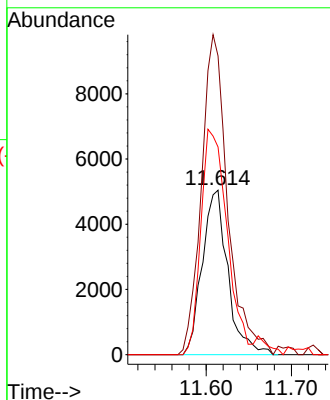
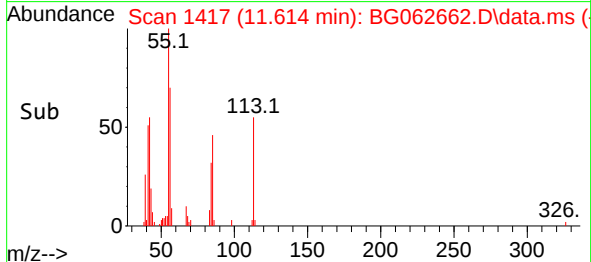
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:113 Resp: 10510
Ion Ratio Lower Upper
113 100
55 181.5 174.1 214.1
56 126.2 129.8 169.8

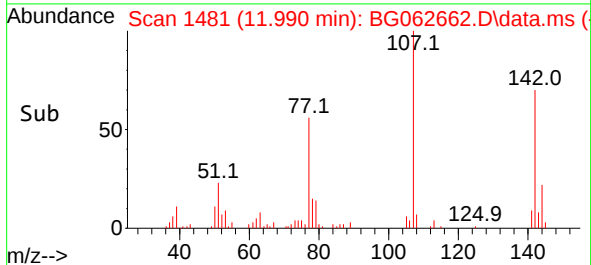
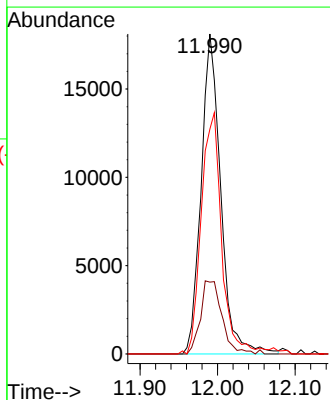
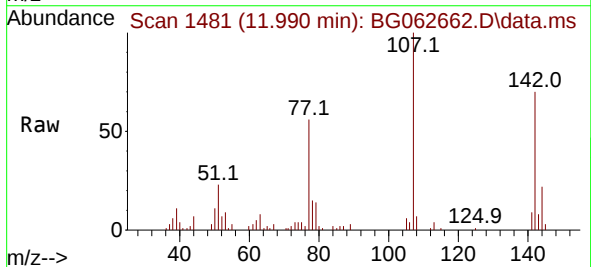
Manual Integrations
APPROVED

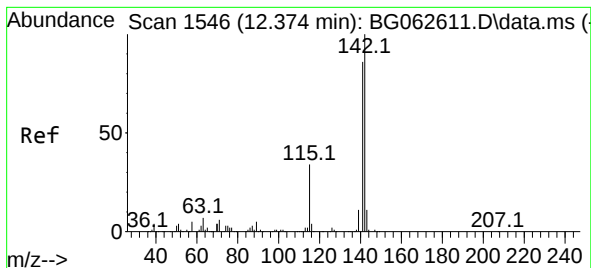
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#36
4-Chloro-3-methylphenol
Concen: 7.789 ng
RT: 11.990 min Scan# 1481
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

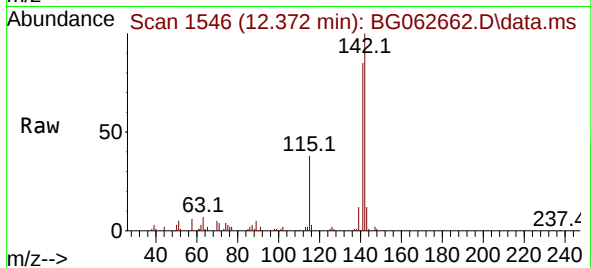
Tgt Ion:107 Resp: 31810
Ion Ratio Lower Upper
107 100
144 22.5 19.8 29.8
142 70.2 64.7 97.1





#37
2-Methylnaphthalene
Concen: 8.208 ng
RT: 12.372 min Scan# 1546
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

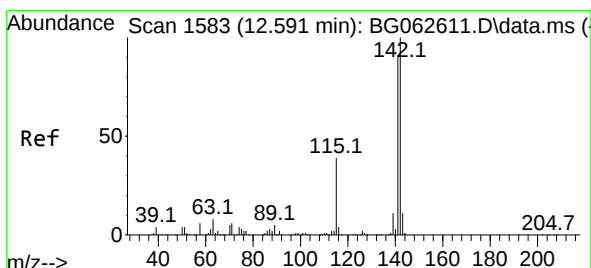
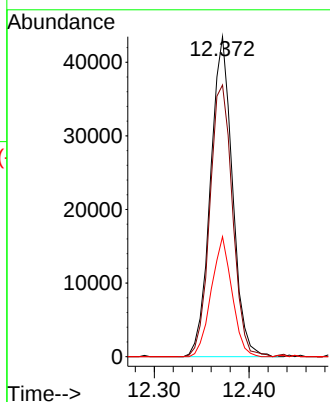
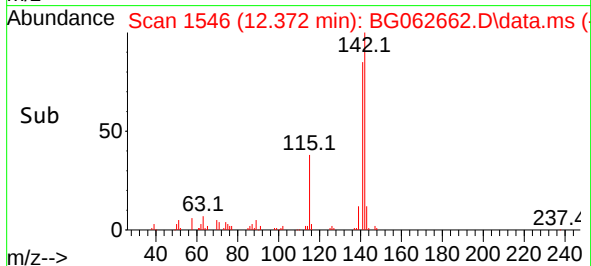
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



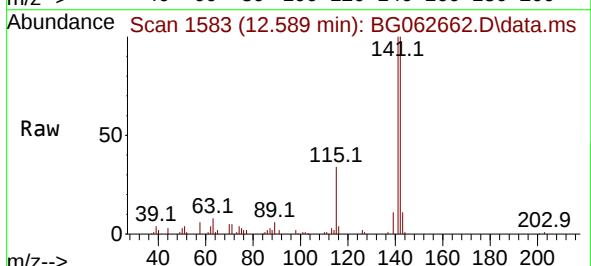
Tgt Ion:142 Resp: 69914
Ion Ratio Lower Upper
142 100
141 84.9 68.9 103.3
115 37.5 27.5 41.3

Manual Integrations
APPROVED

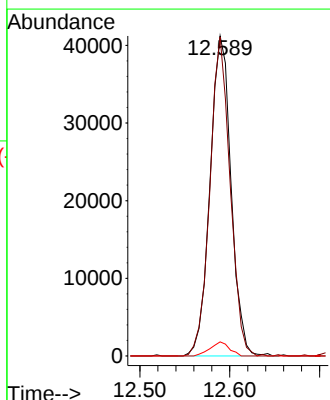
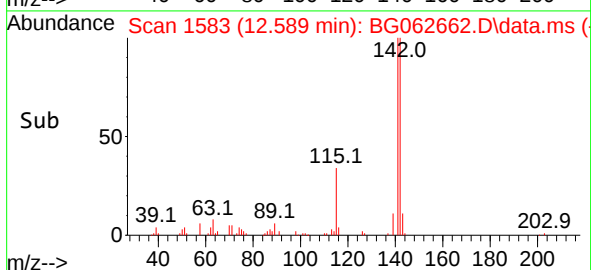
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

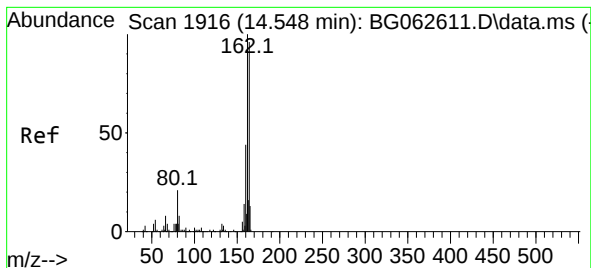


#38
1-Methylnaphthalene
Concen: 7.838 ng
RT: 12.589 min Scan# 1583
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



Tgt Ion:142 Resp: 67033
Ion Ratio Lower Upper
142 100
141 99.7 73.0 109.4
116 4.4 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: BG062662.D

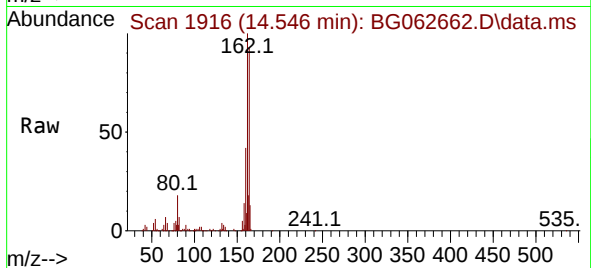
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:164 Resp: 17846

Ion Ratio Lower Upper

164 100

162 107.4 83.1 124.7

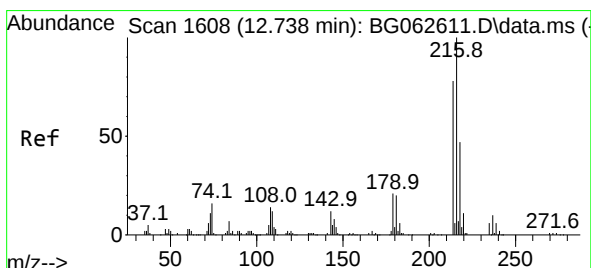
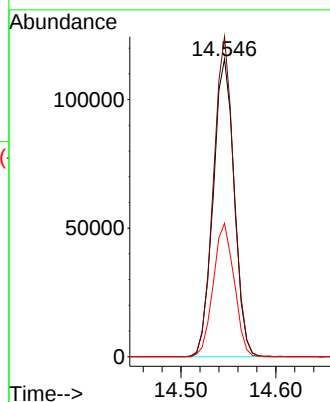
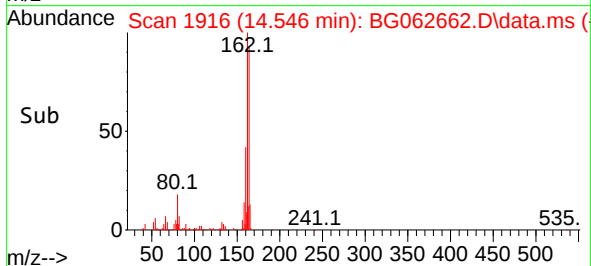
160 44.8 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.967 ng

RT: 12.736 min Scan# 1608

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:216 Resp: 48129

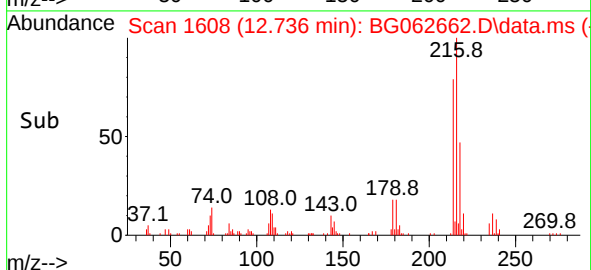
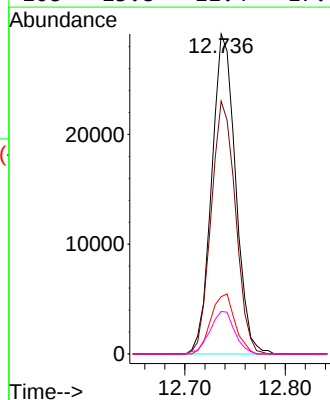
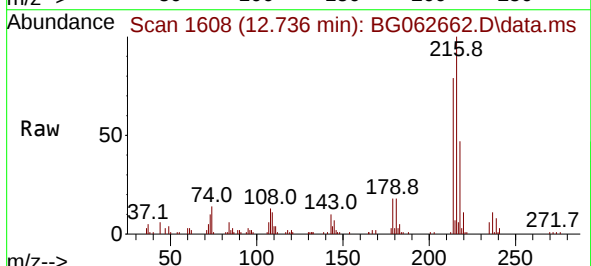
Ion Ratio Lower Upper

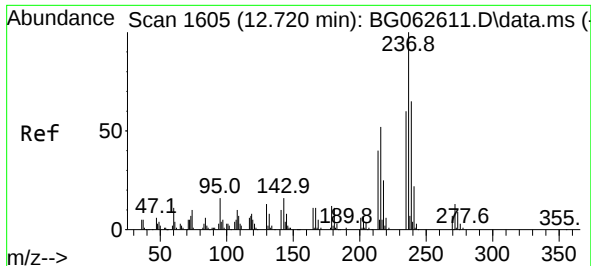
216 100

214 80.3 61.6 92.4

179 18.9 15.9 23.9

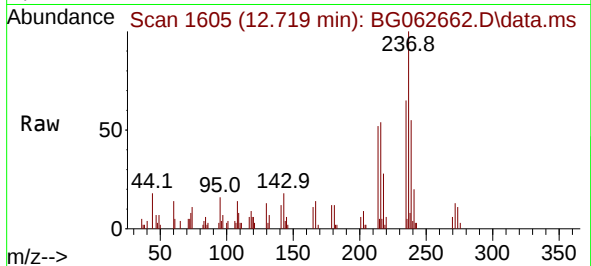
108 13.8 11.4 17.0





#41
Hexachlorocyclopentadiene
Concen: 8.945 ng
RT: 12.719 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

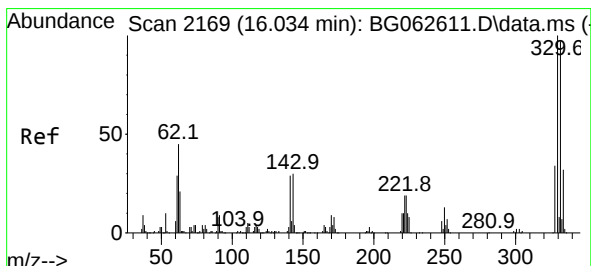
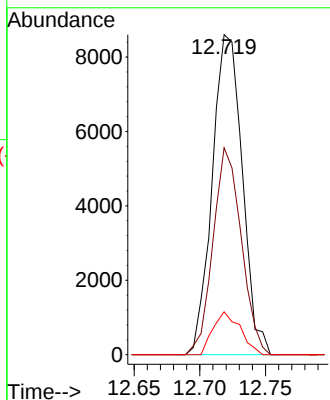
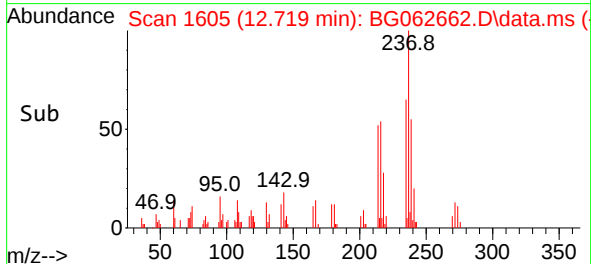
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



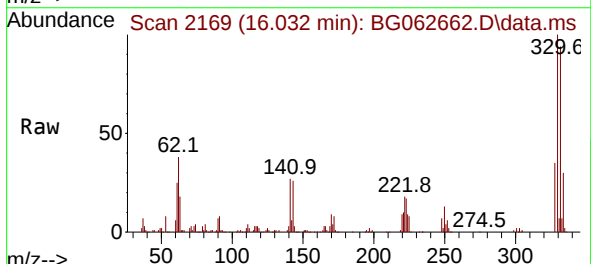
Tgt Ion:237 Resp: 1369
Ion Ratio Lower Upper
237 100
235 69.8 40.4 80.4
272 13.4 0.0 32.7

Manual Integrations
APPROVED

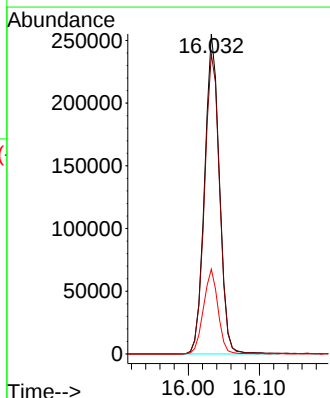
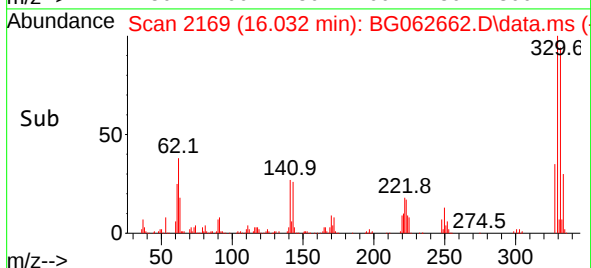
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

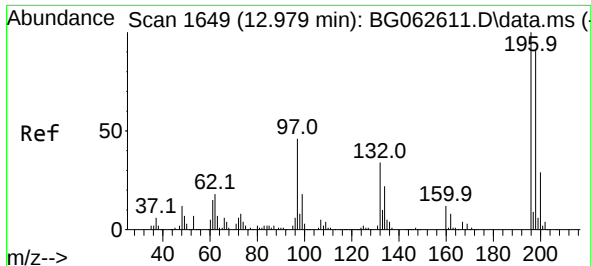


#42
2,4,6-Tribromophenol
Concen: 147.541 ng
RT: 16.032 min Scan# 2169
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



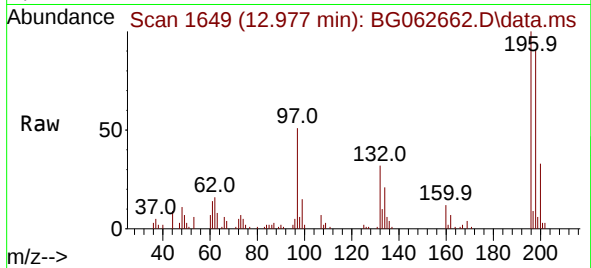
Tgt Ion:330 Resp: 370564
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 25.8 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 8.305 ng
RT: 12.977 min Scan# 1649
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

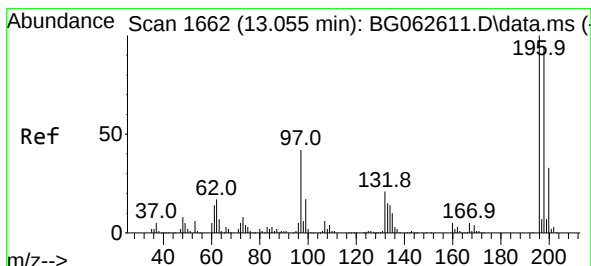
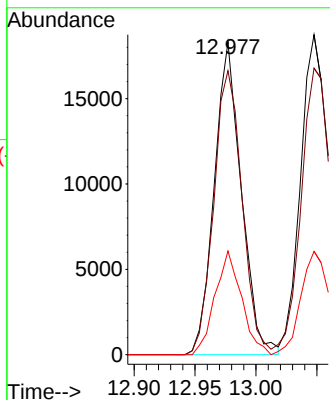
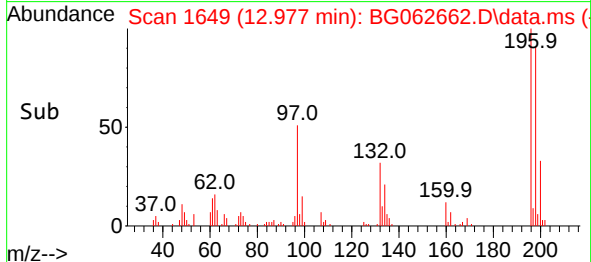
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



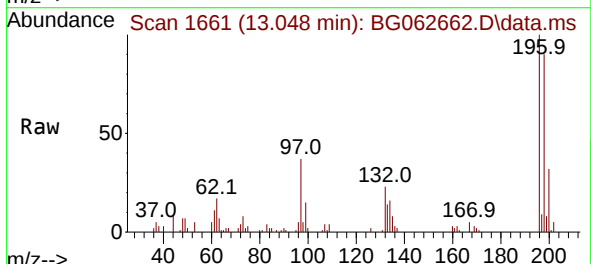
Tgt Ion:196 Resp: 28250
Ion Ratio Lower Upper
196 100
198 90.9 72.8 109.2
200 33.2 23.5 35.3

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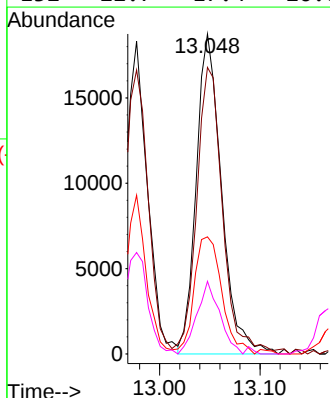
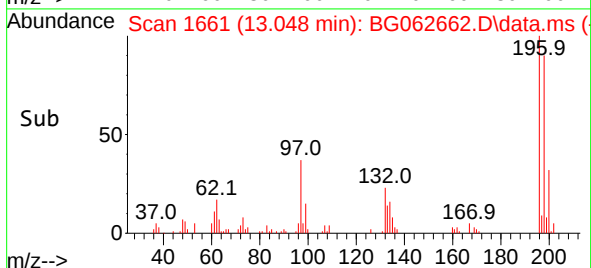
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

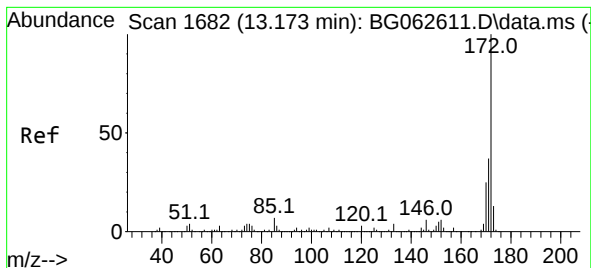


#44
2,4,5-Trichlorophenol
Concen: 8.529 ng
RT: 13.048 min Scan# 1661
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



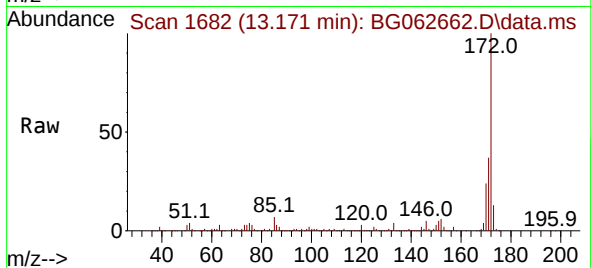
Tgt Ion:196 Resp: 32864
Ion Ratio Lower Upper
196 100
198 89.5 75.5 113.3
97 36.6 34.1 51.1
132 22.7 17.4 26.0





#45
2-Fluorobiphenyl
Concen: 93.682 ng
RT: 13.171 min Scan# 1682
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

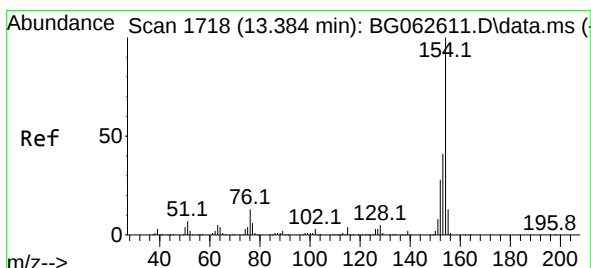
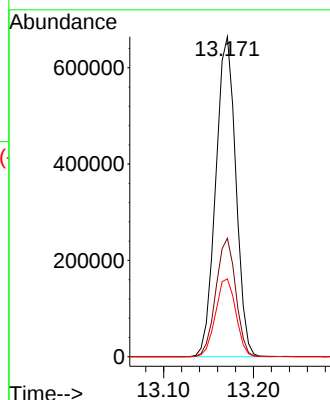
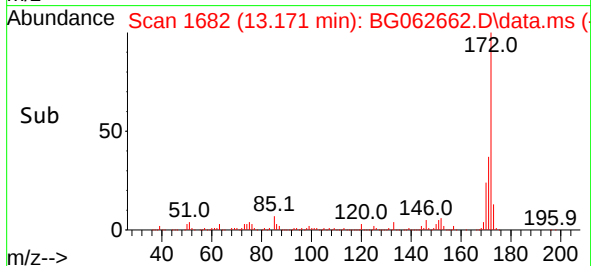
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



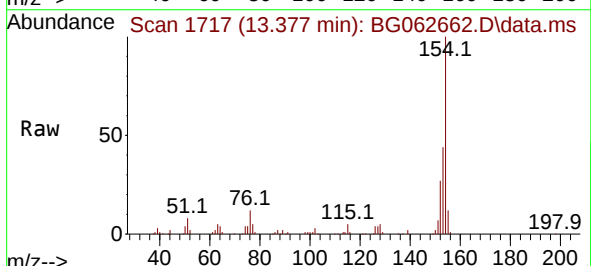
Tgt Ion:172 Resp: 103218
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.3 20.0 30.0

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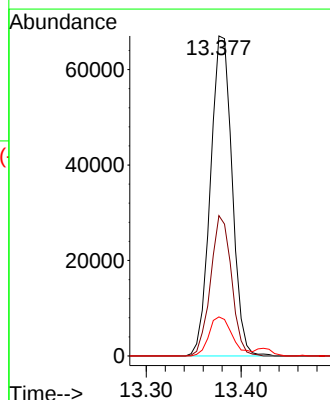
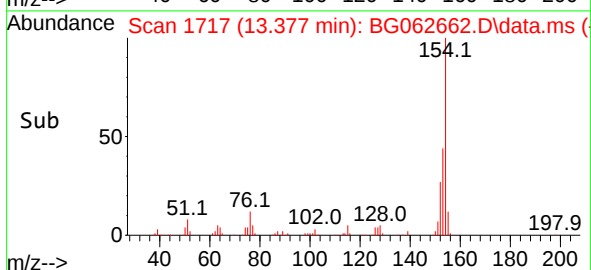
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

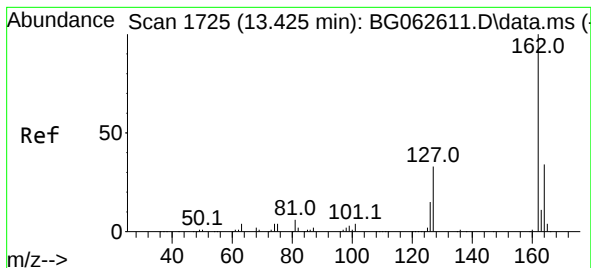


#46
1,1'-Biphenyl
Concen: 8.925 ng
RT: 13.377 min Scan# 1717
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



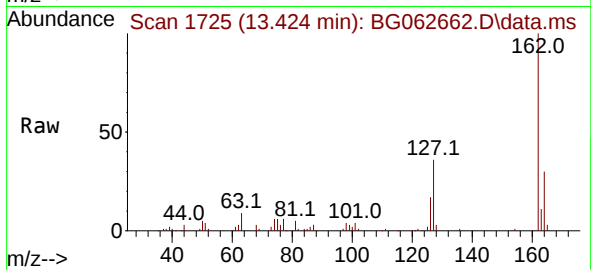
Tgt Ion:154 Resp: 106268
Ion Ratio Lower Upper
154 100
153 43.9 20.8 60.8
76 12.2 0.0 33.4





#47
2-Chloronaphthalene
Concen: 8.697 ng
RT: 13.424 min Scan# 1725
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

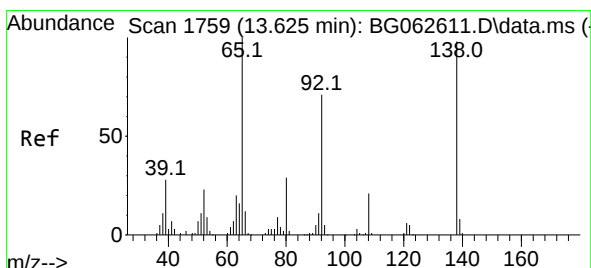
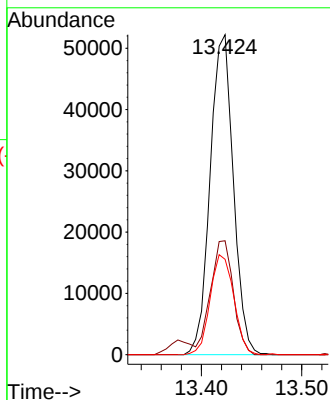
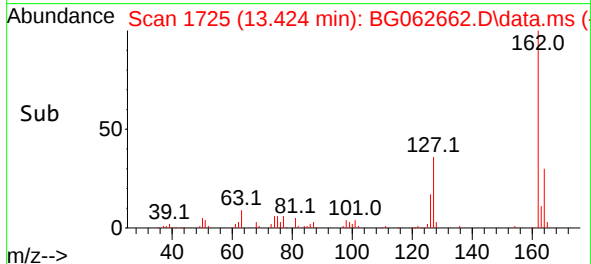
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:162 Resp: 83920
Ion Ratio Lower Upper
162 100
127 35.6 28.7 43.1
164 29.8 26.9 40.3

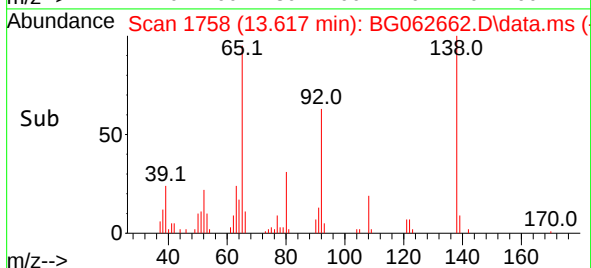
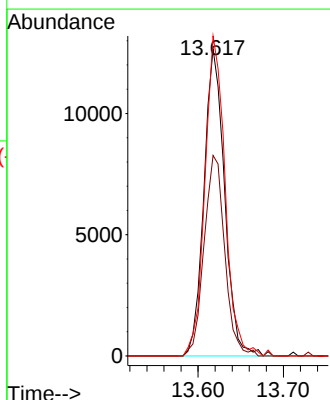
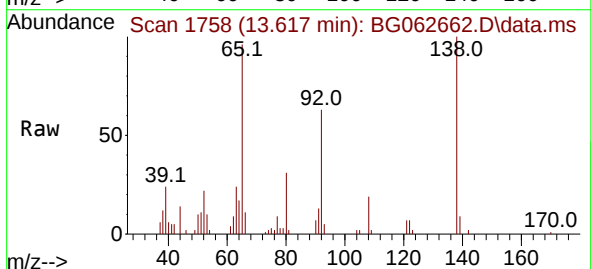
Manual Integrations
APPROVED

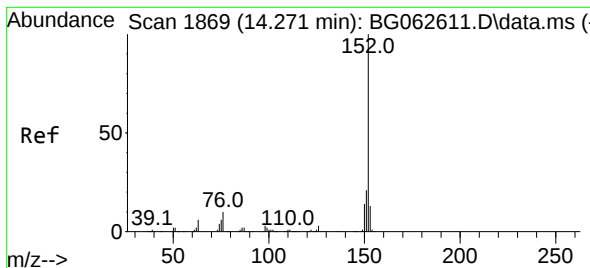
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#48
2-Nitroaniline
Concen: 8.365 ng
RT: 13.617 min Scan# 1758
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion: 65 Resp: 21231
Ion Ratio Lower Upper
65 100
92 65.3 56.6 84.8
138 104.2 78.7 118.1





#49

Acenaphthylene

Concen: 9.285 ng

RT: 14.264 min Scan# 1868

Delta R.T. -0.008 min

Lab File: BG062662.D

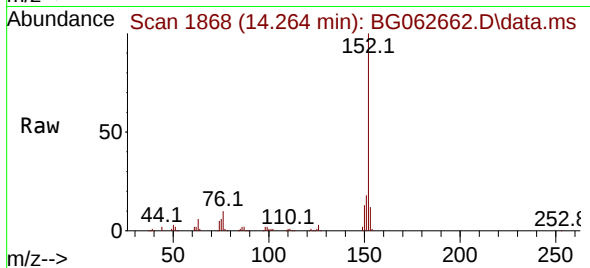
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:152 Resp: 13267

Ion Ratio Lower Upper

152 100

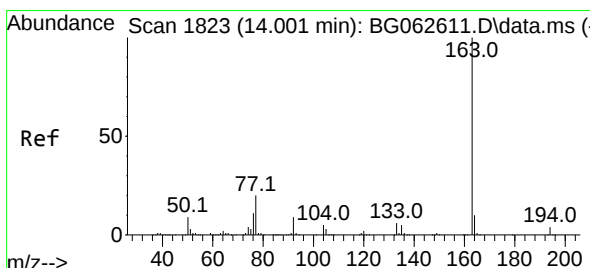
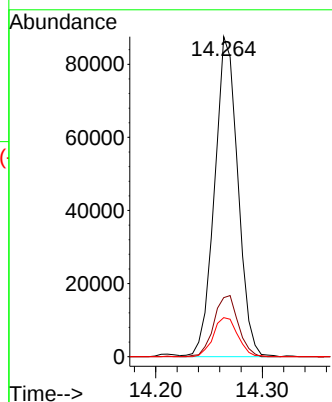
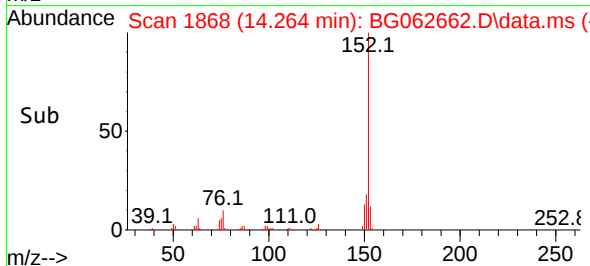
151 18.4 16.6 24.8

153 12.2 10.2 15.4

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

Concen: 8.786 ng

RT: 13.993 min Scan# 1822

Delta R.T. -0.008 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

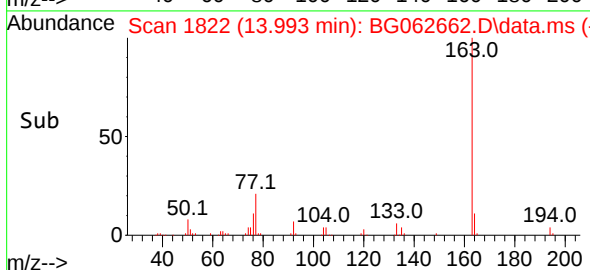
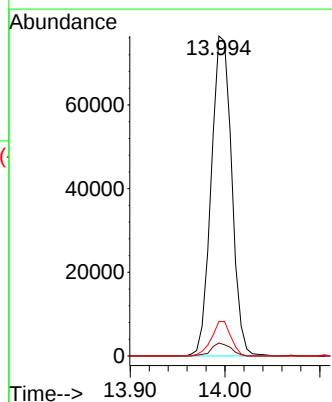
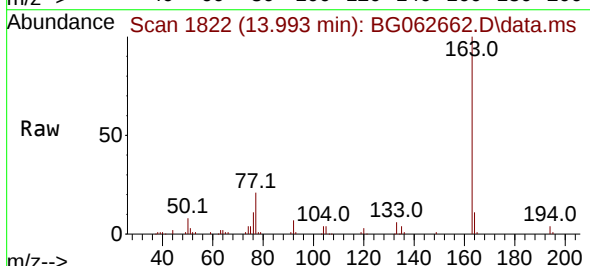
Tgt Ion:163 Resp: 114660

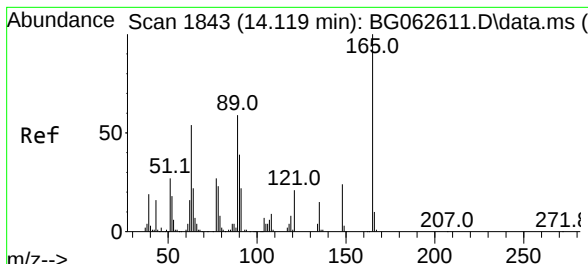
Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

164 10.7 8.3 12.5



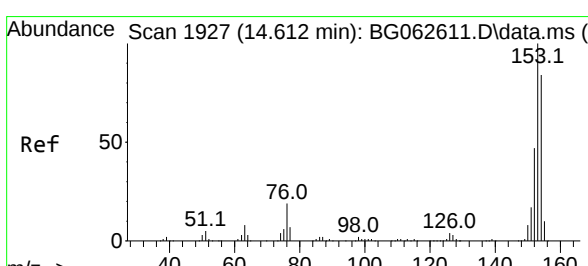
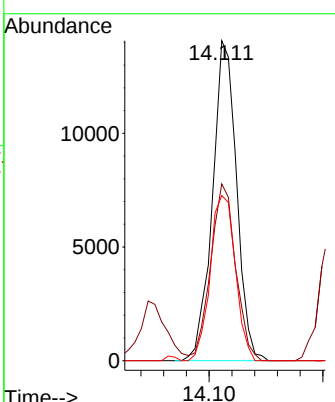
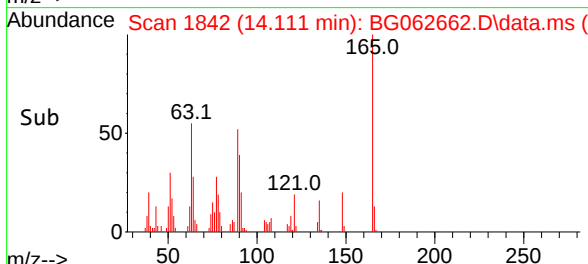
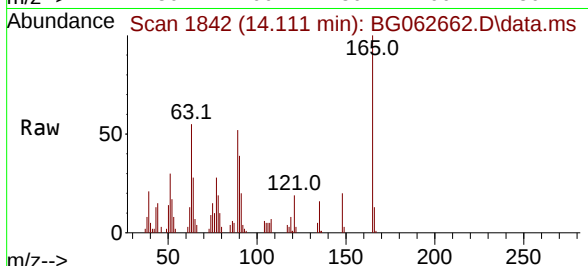


#51
 2,6-Dinitrotoluene
 Concen: 8.403 ng
 RT: 14.111 min Scan# 1842
 Delta R.T. -0.008 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT3-2024

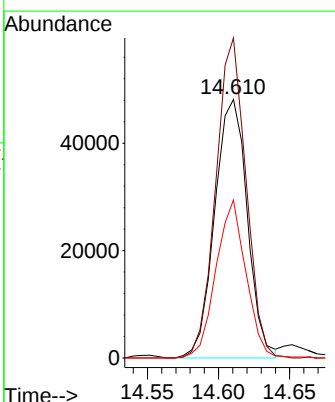
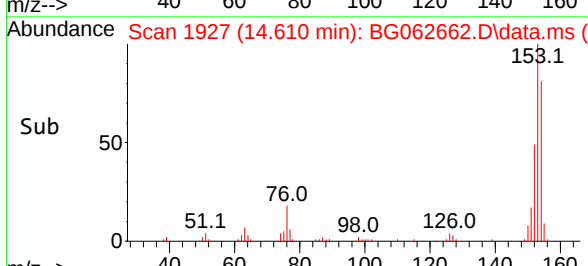
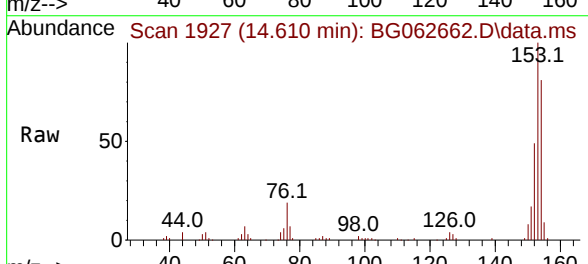
Tgt Ion:	165	Resp:	2074
Ion Ratio	Lower	Upper	
165	100		
63	55.3	46.6	69.8
89	51.6	47.2	70.8

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



#52
 Acenaphthene
 Concen: 8.604 ng
 RT: 14.610 min Scan# 1927
 Delta R.T. -0.002 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

Tgt Ion:	154	Resp:	76855
Ion Ratio	Lower	Upper	
154	100		
153	123.7	95.0	142.4
152	61.1	45.0	67.6





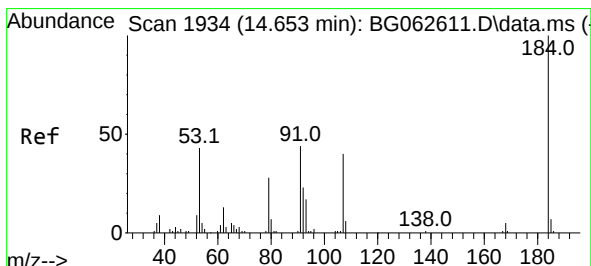
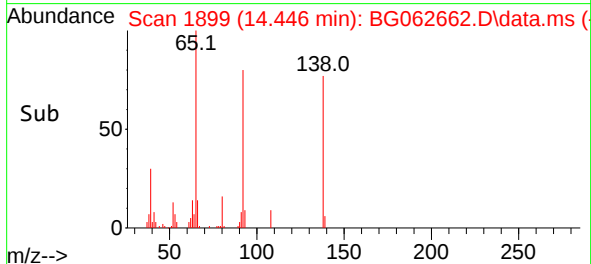
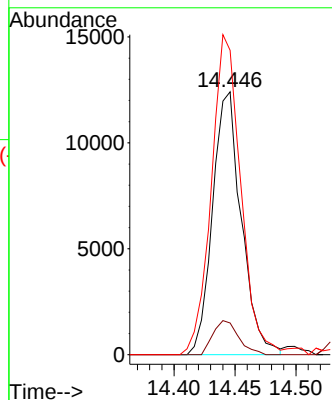
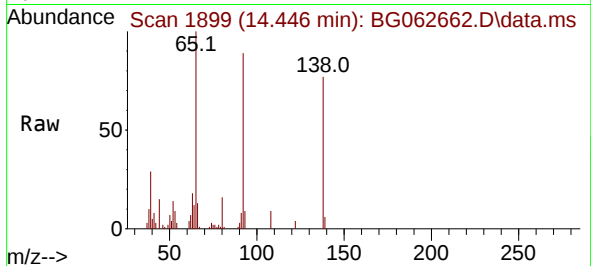
#53
3-Nitroaniline
Concen: 8.552 ng
RT: 14.446 min Scan# 1899
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:138 Resp: 2042
Ion Ratio Lower Upper
138 100
108 12.0 8.6 13.0
92 115.7 95.7 143.5

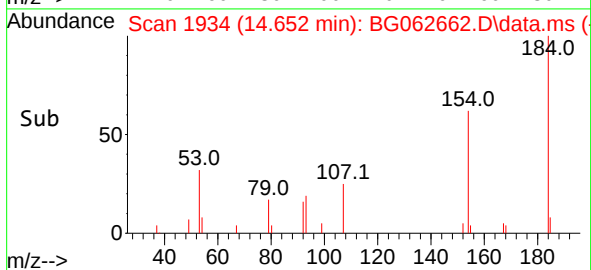
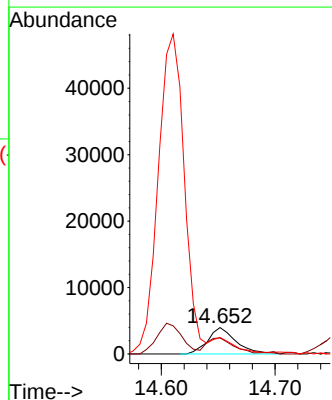
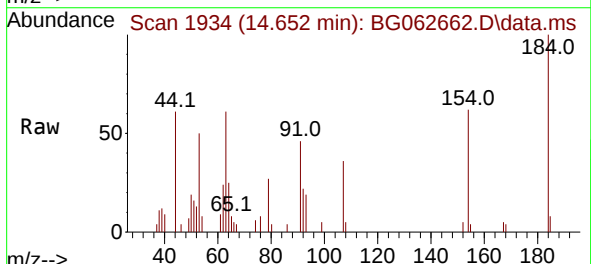
Manual Integrations
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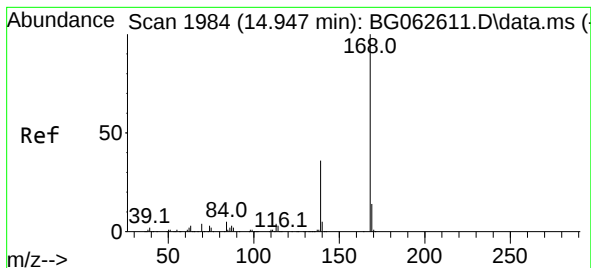
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#54
2,4-Dinitrophenol
Concen: 4.946 ng
RT: 14.652 min Scan# 1934
Delta R.T. -0.001 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

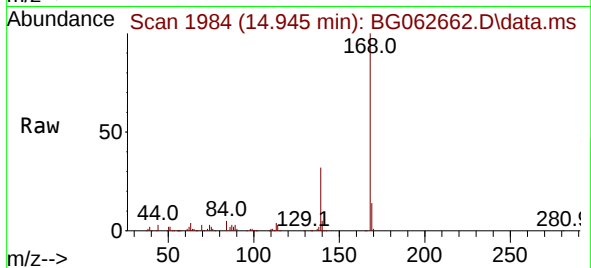
Tgt Ion:184 Resp: 6851
Ion Ratio Lower Upper
184 100
63 56.2 49.0 73.4
154 57.6 50.5 75.7





#55
Dibenzofuran
Concen: 9.057 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

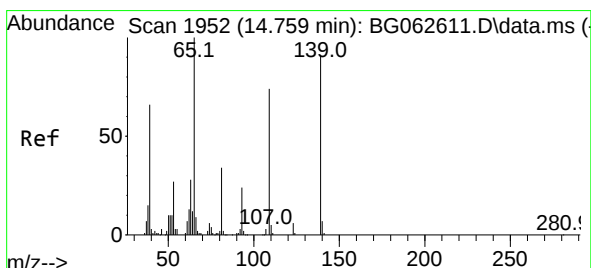
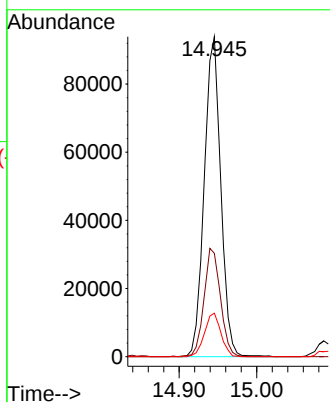
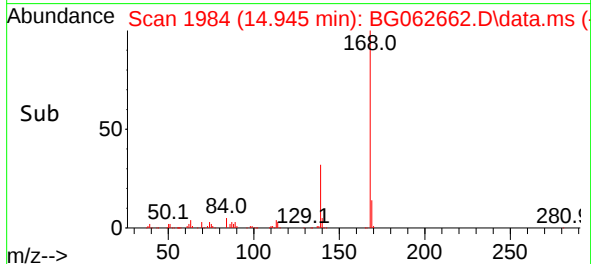
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



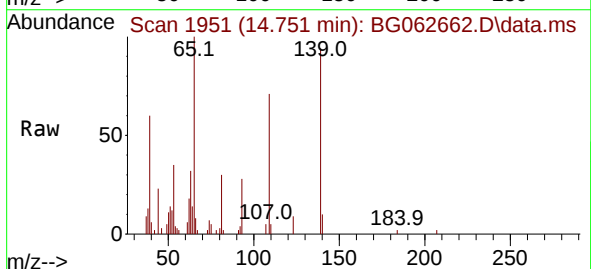
Tgt Ion:168 Resp: 13874
Ion Ratio Lower Upper
168 100
139 32.3 28.6 42.8
169 13.6 11.0 16.6

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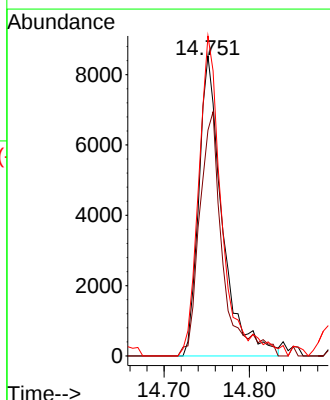
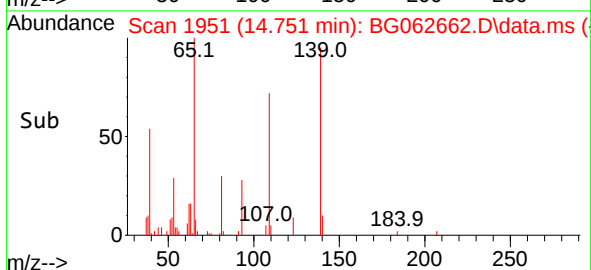
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

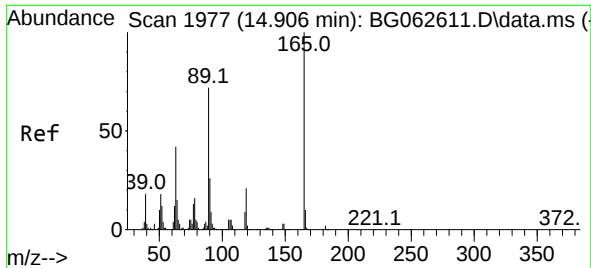


#56
4-Nitrophenol
Concen: 8.041 ng
RT: 14.751 min Scan# 1951
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



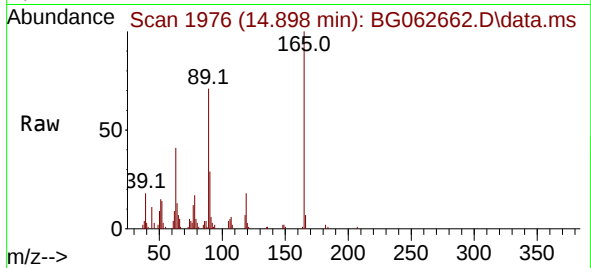
Tgt Ion:139 Resp: 16277
Ion Ratio Lower Upper
139 100
109 75.2 61.2 101.2
65 106.6 90.2 130.2





#57
2,4-Dinitrotoluene
Concen: 8.797 ng
RT: 14.898 min Scan# 1976
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

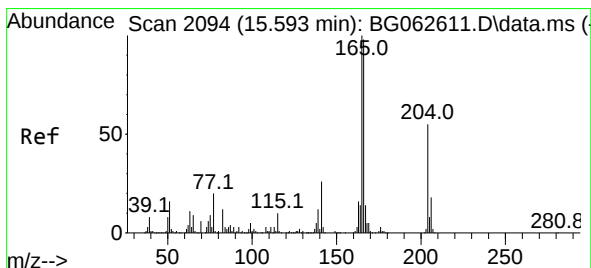
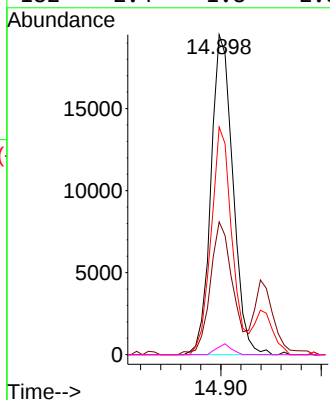
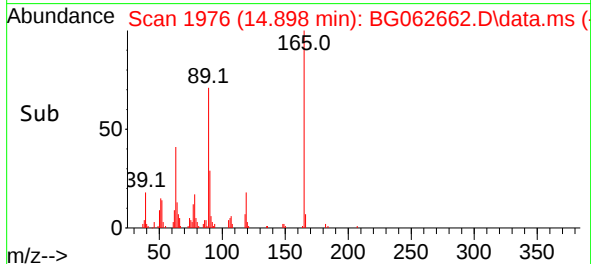
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:	165	Resp:	2962
Ion Ratio	Lower	Upper	
165	100		
63	41.5	33.8	50.6
89	71.2	57.9	86.9
182	2.4	1.8	2.8

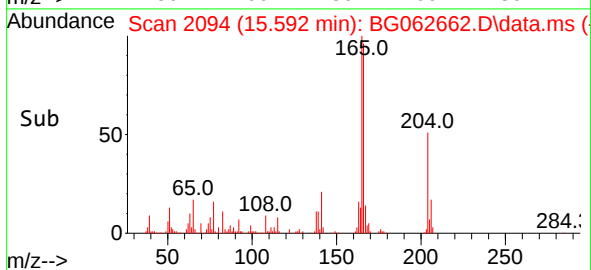
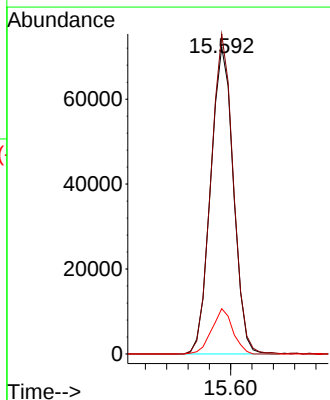
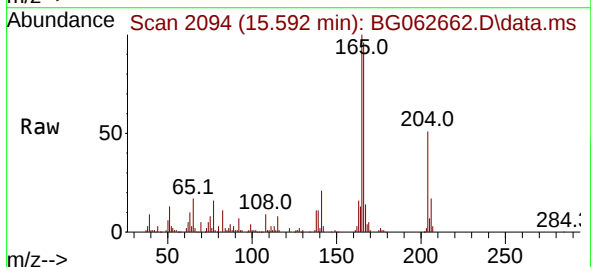
Manual Integrations
APPROVED

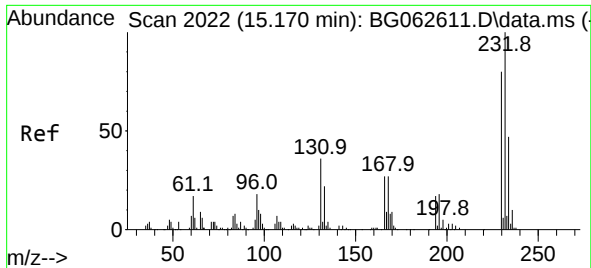
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#58
Fluorene
Concen: 8.869 ng
RT: 15.592 min Scan# 2094
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

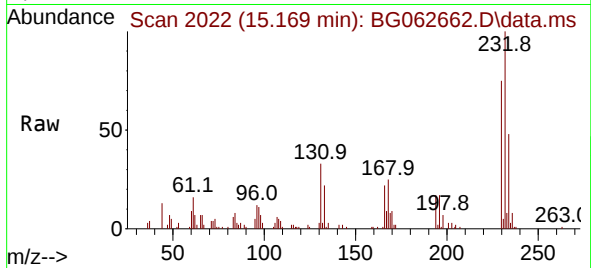
Tgt Ion:	166	Resp:	106636
Ion Ratio	Lower	Upper	
166	100		
165	104.2	82.0	123.0
167	14.8	11.3	16.9





#59
2,3,4,6-Tetrachlorophenol
Concen: 9.316 ng m
RT: 15.169 min Scan# 2022
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

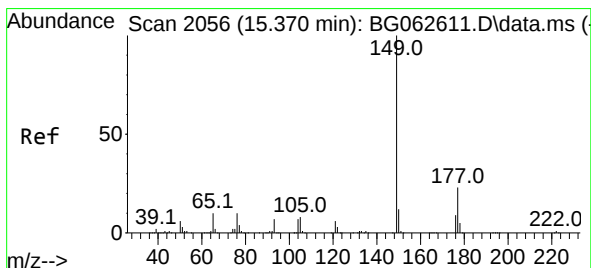
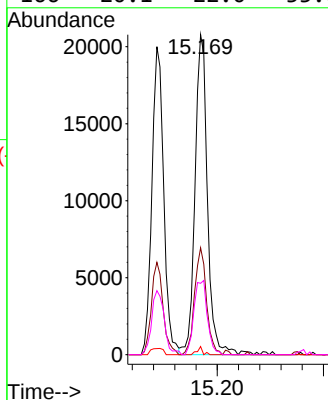
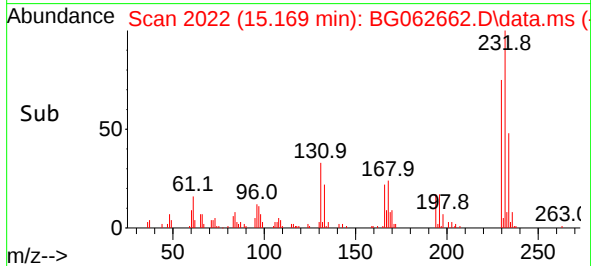
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:232 Resp: 34000
Ion Ratio Lower Upper
232 100
131 26.9 28.3 42.5
130 1.9 1.7 2.5
166 20.1 22.0 33.0#

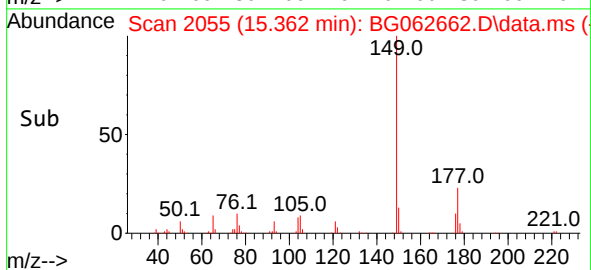
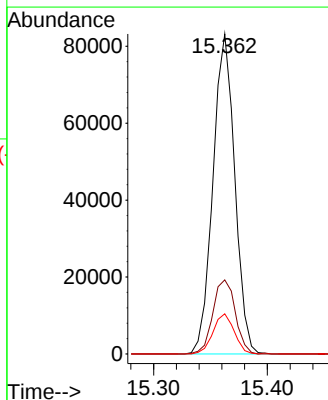
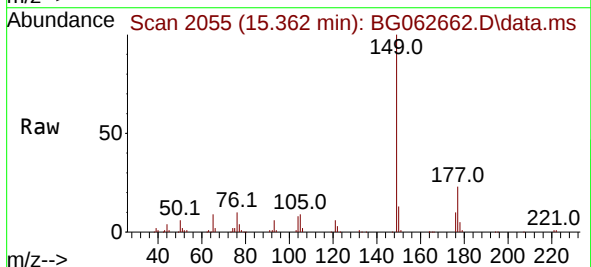
Manual Integrations
APPROVED

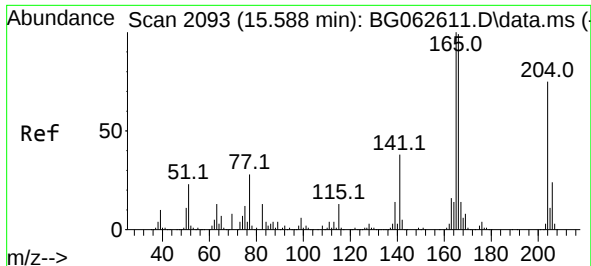
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#60
Diethylphthalate
Concen: 8.577 ng
RT: 15.362 min Scan# 2055
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

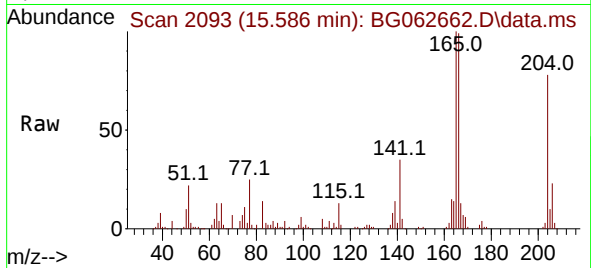
Tgt Ion:149 Resp: 110934
Ion Ratio Lower Upper
149 100
177 23.1 18.0 27.0
150 12.6 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 9.217 ng
RT: 15.586 min Scan# 2093
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

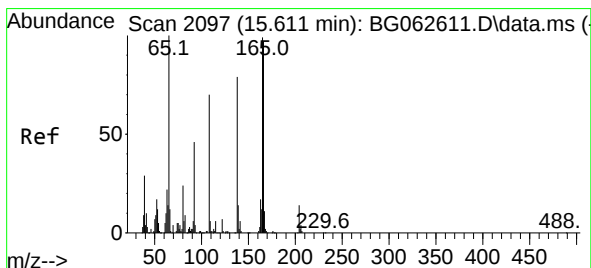
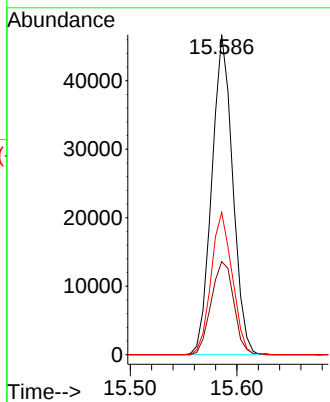
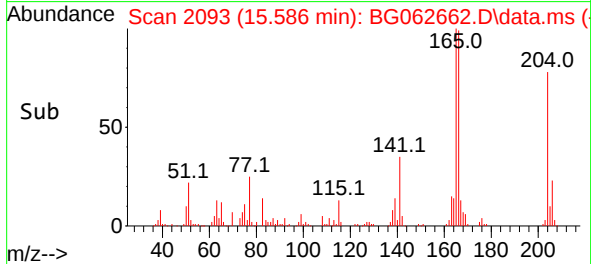
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



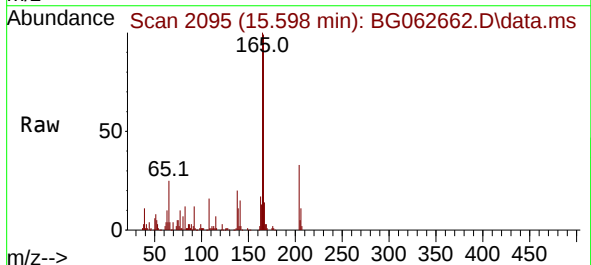
Tgt Ion:204 Resp: 63620
Ion Ratio Lower Upper
204 100
206 29.1 25.9 38.9
141 44.4 41.0 61.6

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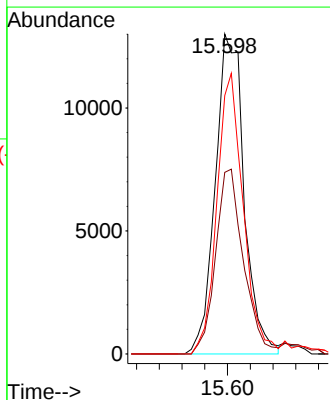
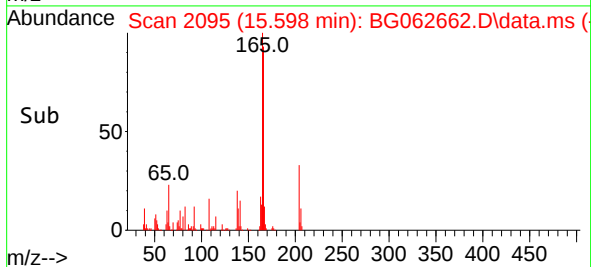
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

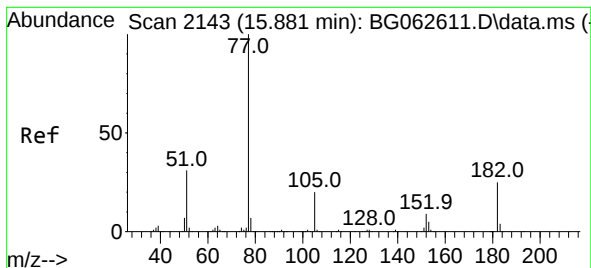


#62
4-Nitroaniline
Concen: 8.694 ng
RT: 15.598 min Scan# 2095
Delta R.T. -0.014 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



Tgt Ion:138 Resp: 22897
Ion Ratio Lower Upper
138 100
92 56.8 38.4 78.4
108 80.8 69.0 109.0





#63

Azobenzene

Concen: 8.734 ng

RT: 15.880 min Scan# 2143

Delta R.T. -0.002 min

Lab File: BG062662.D

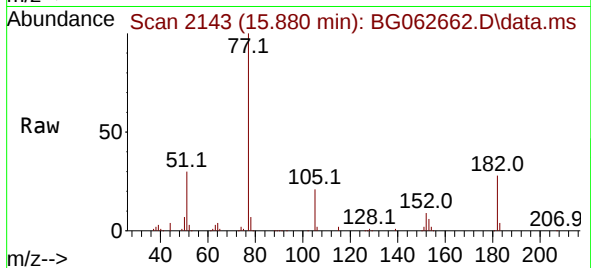
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion: 77 Resp: 106072

Ion Ratio Lower Upper

77 100

182 28.1 5.0 45.0

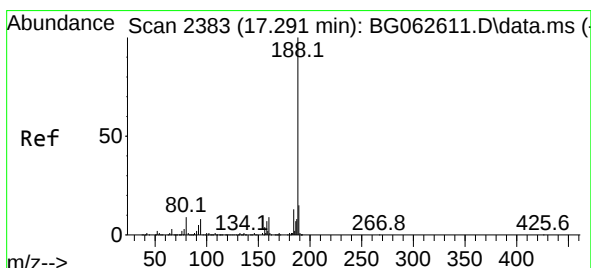
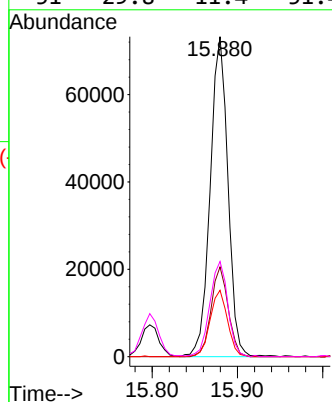
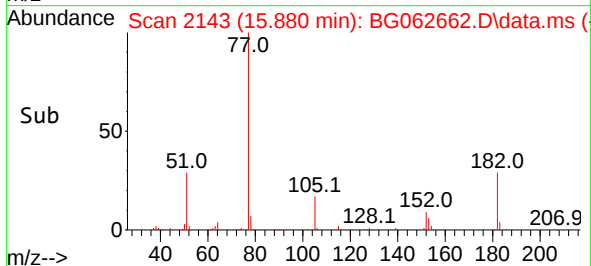
105 20.7 0.5 40.5

51 29.8 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: 17.290 min Scan# 2383

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

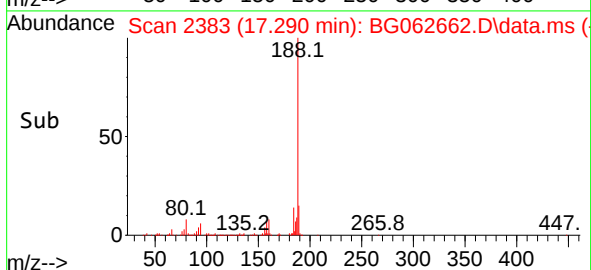
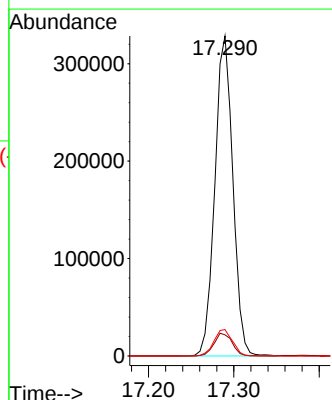
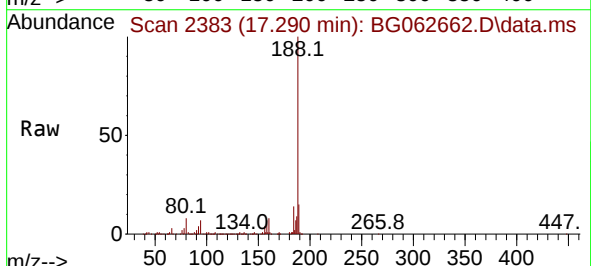
Tgt Ion:188 Resp: 482507

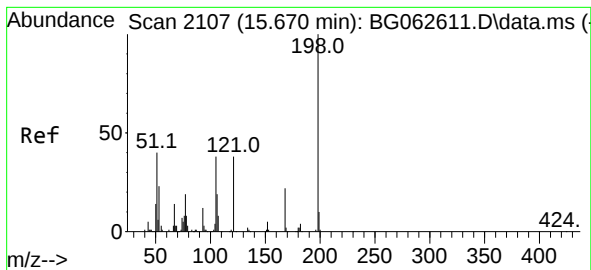
Ion Ratio Lower Upper

188 100

94 6.6 6.3 9.5

80 8.3 7.0 10.4





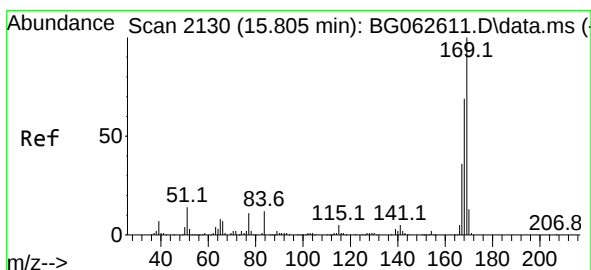
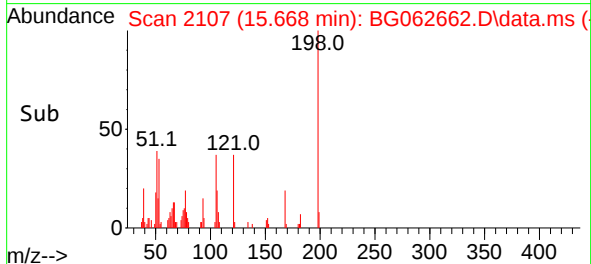
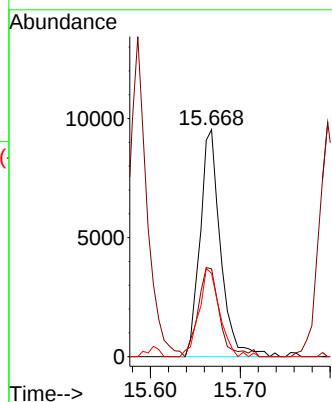
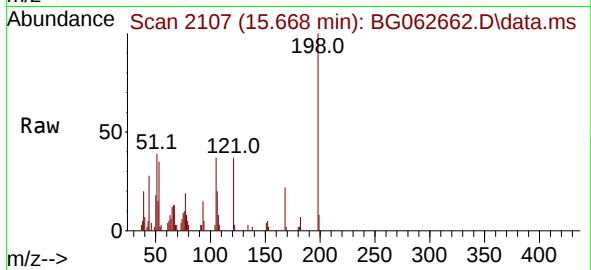
#65
4,6-Dinitro-2-methylphenol
Concen: 7.000 ng
RT: 15.668 min Scan# 2107
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:198 Resp: 1507
Ion Ratio Lower Upper
198 100
51 38.7 25.1 65.1
105 36.7 18.3 58.3

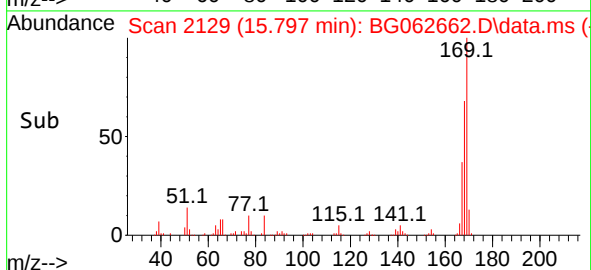
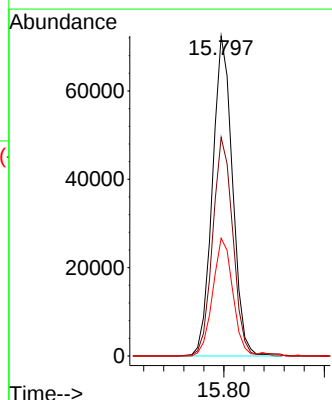
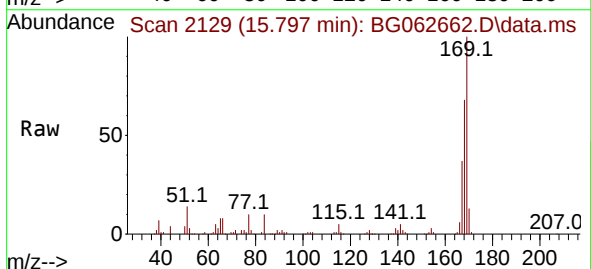
Manual Integrations
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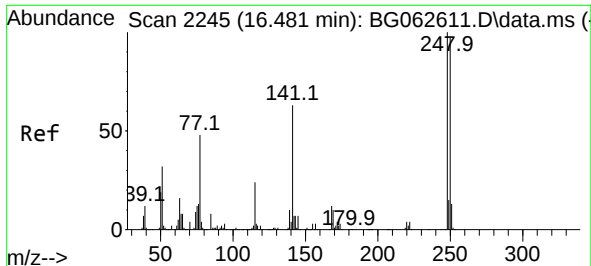
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#66
n-Nitrosodiphenylamine
Concen: 8.643 ng
RT: 15.797 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

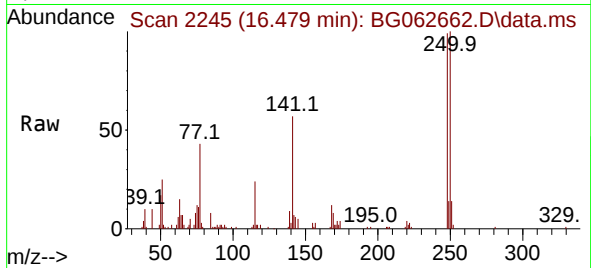
Tgt Ion:169 Resp: 100266
Ion Ratio Lower Upper
169 100
168 68.3 55.4 83.2
167 36.8 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 8.826 ng
RT: 16.479 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

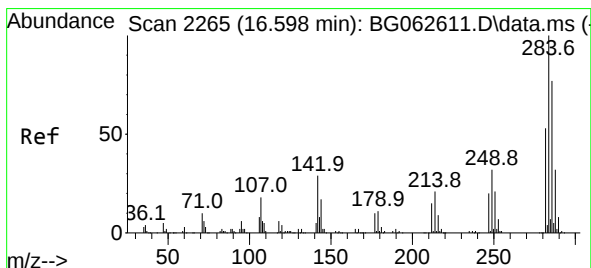
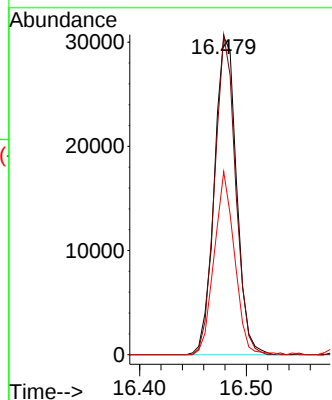
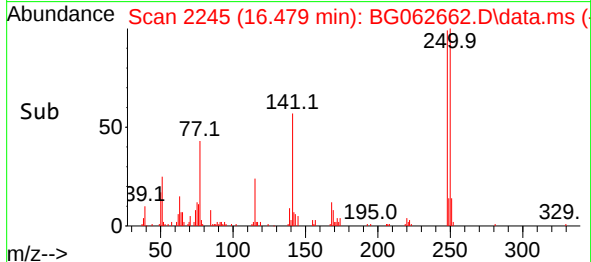
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



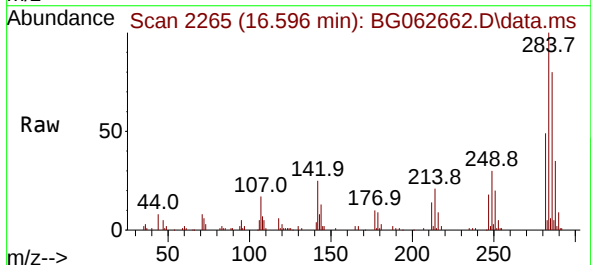
Tgt Ion:248 Resp: 43952
Ion Ratio Lower Upper
248 100
250 100.5 77.9 116.9
141 57.5 50.2 75.2

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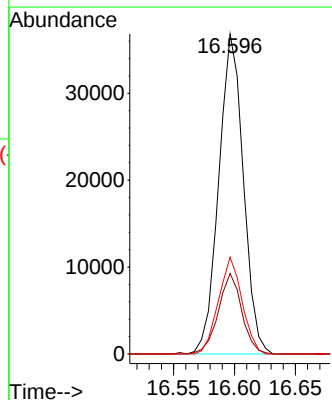
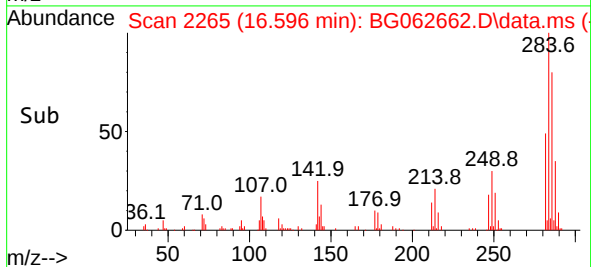
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

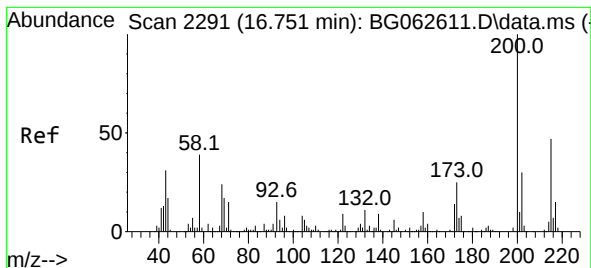


#68
Hexachlorobenzene
Concen: 8.749 ng
RT: 16.596 min Scan# 2265
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50



Tgt Ion:284 Resp: 51597
Ion Ratio Lower Upper
284 100
142 25.1 23.5 35.3
249 33.3 25.4 38.0





#69

Atrazine

Concen: 10.892 ng

RT: 16.743 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

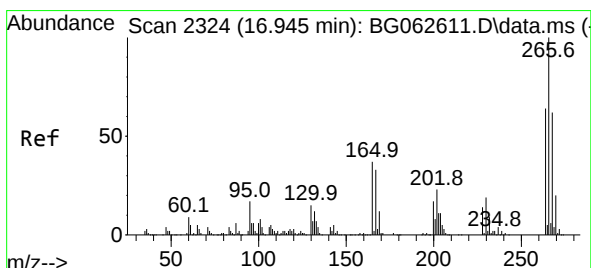
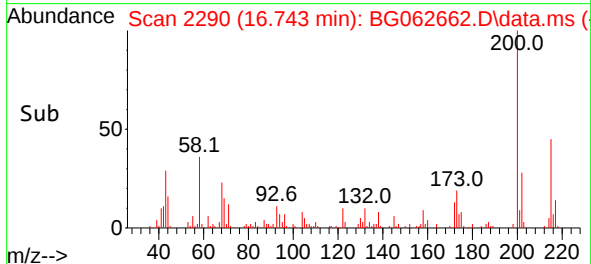
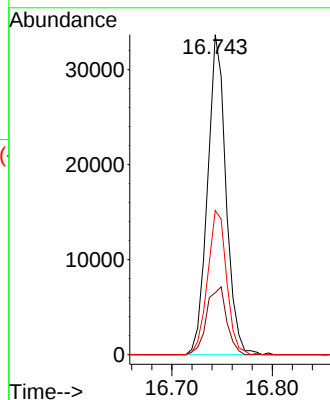
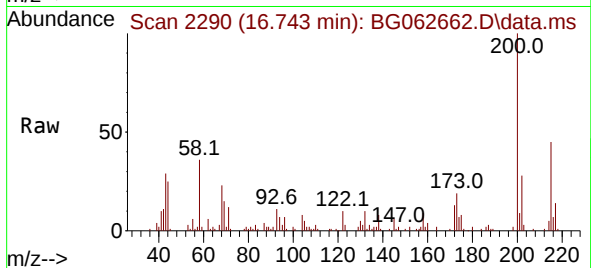
MDL-SOIL-03-QT3-2024

Tgt Ion:200 Resp: 42910
Ion Ratio Lower Upper
200 100
173 19.4 5.2 45.2
215 45.1 27.3 67.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 6.230 ng m

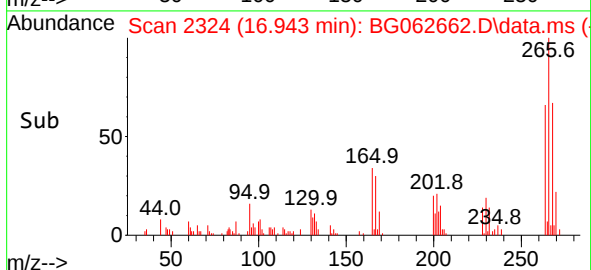
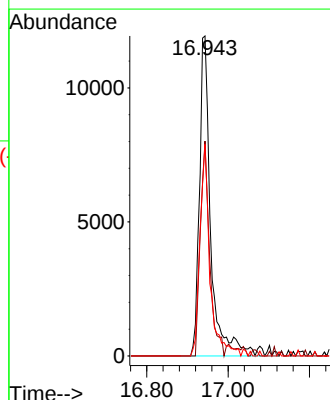
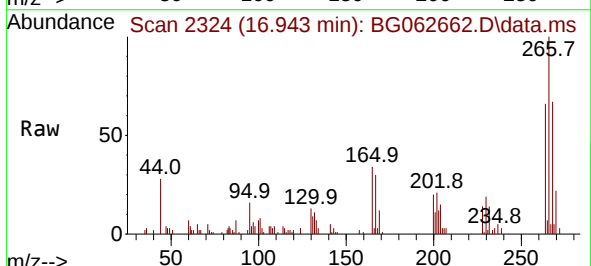
RT: 16.943 min Scan# 2324

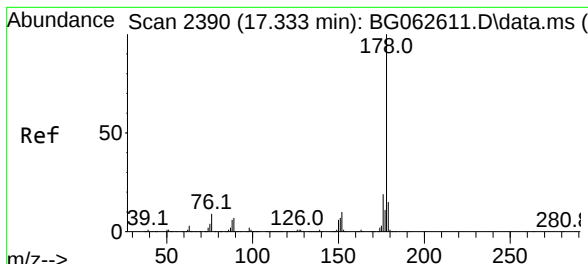
Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:266 Resp: 23533
Ion Ratio Lower Upper
266 100
268 67.2 52.6 79.0
264 66.1 51.6 77.4



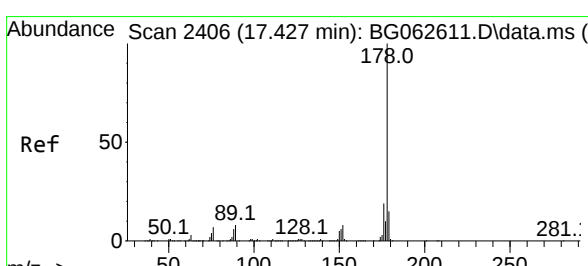
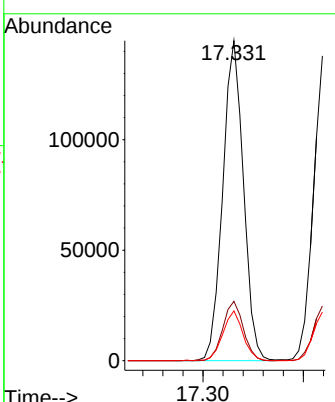
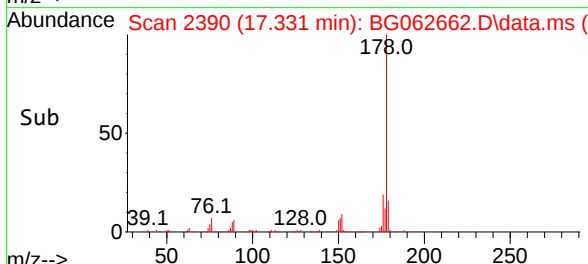
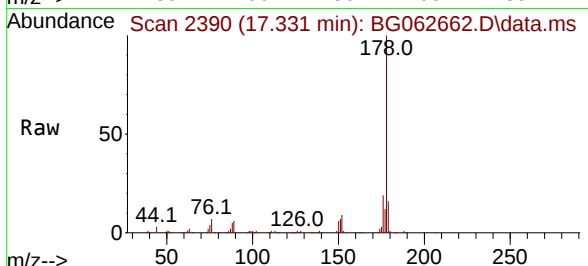


#71
 Phenanthrene
 Concen: 9.177 ng
 RT: 17.331 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT3-2024

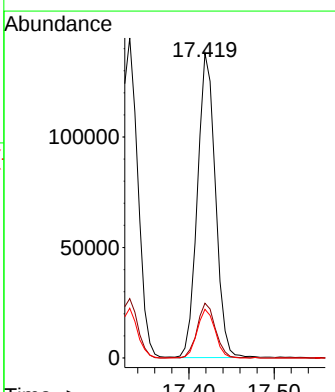
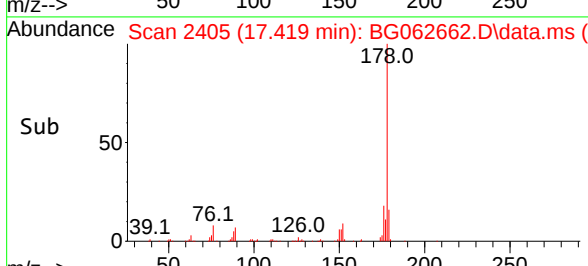
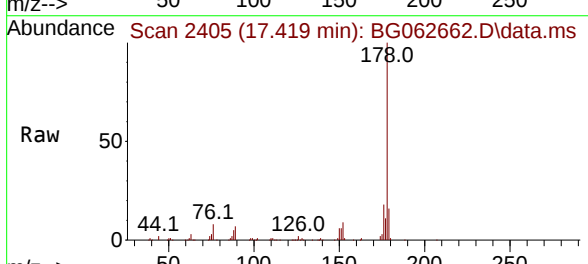
Tgt Ion:178	Resp: 20667
Ion Ratio	Lower Upper
178 100	
176 18.5	15.4 23.0
179 15.6	12.2 18.4

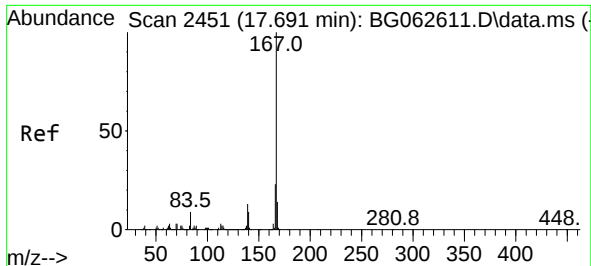
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#72
 Anthracene
 Concen: 9.123 ng
 RT: 17.419 min Scan# 2405
 Delta R.T. -0.008 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

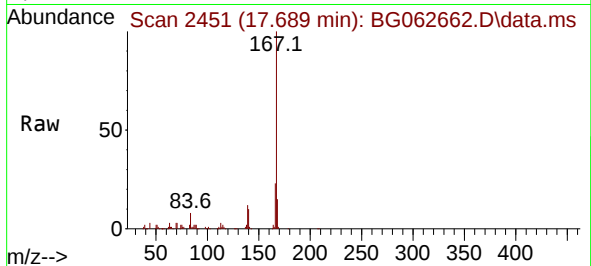
Tgt Ion:178	Resp: 20200
Ion Ratio	Lower Upper
178 100	
176 17.9	15.2 22.8
179 15.9	12.0 18.0





#73
 Carbazole
 Concen: 8.812 ng
 RT: 17.689 min Scan# 2451
 Delta R.T. -0.002 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

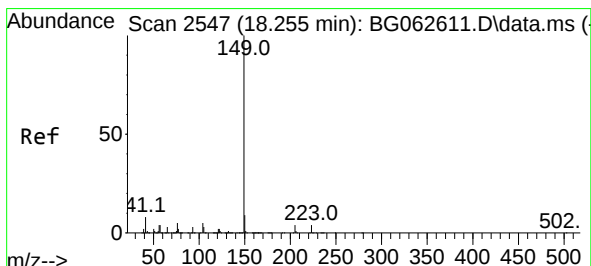
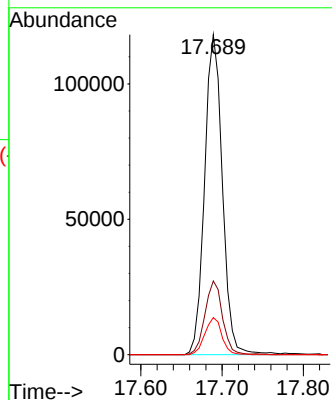
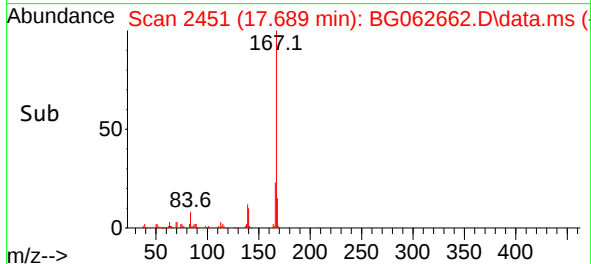
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:167 Resp: 17938
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 11.6 10.1 15.1

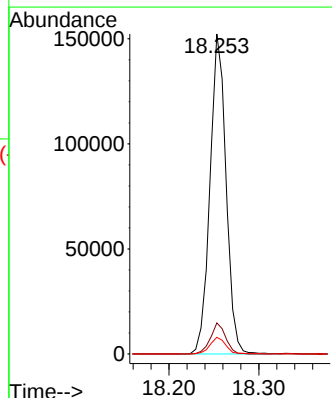
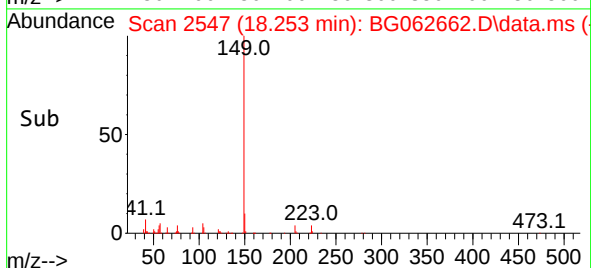
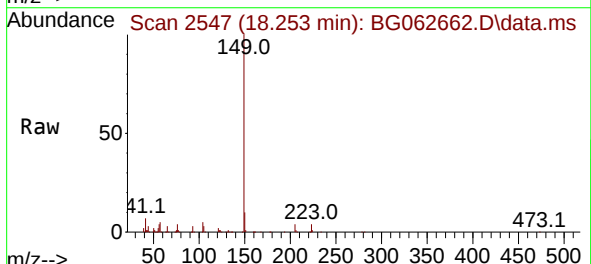
Manual Integrations
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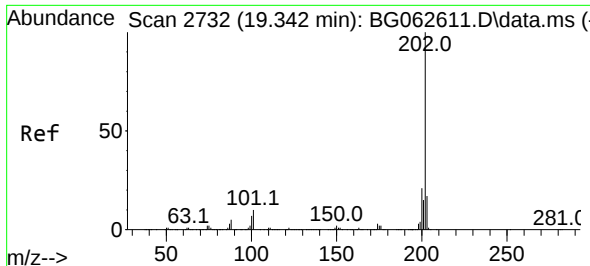
Reviewed By :Jagrut Upadhyay 09/06/2024
 Supervised By :mohammad ahmed 09/07/2024



#74
 Di-n-butylphthalate
 Concen: 8.246 ng
 RT: 18.253 min Scan# 2547
 Delta R.T. -0.002 min
 Lab File: BG062662.D
 Acq: 5 Sep 2024 11:50

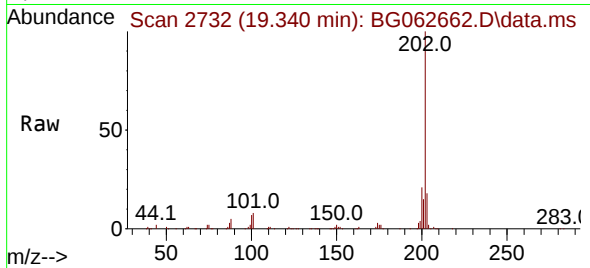
Tgt Ion:149 Resp: 189309
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.3 10.9
 104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 9.039 ng
RT: 19.340 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

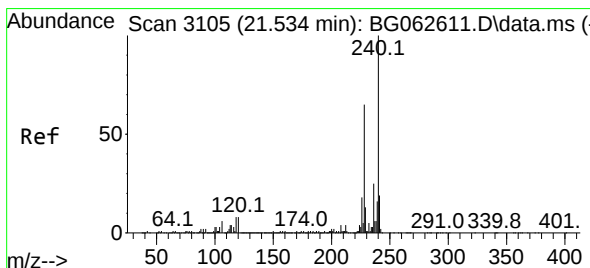
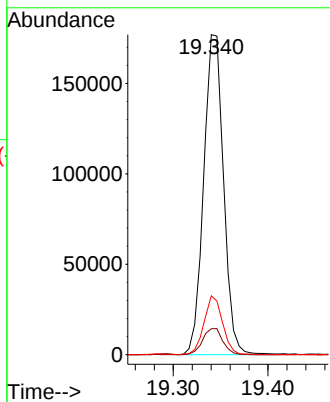
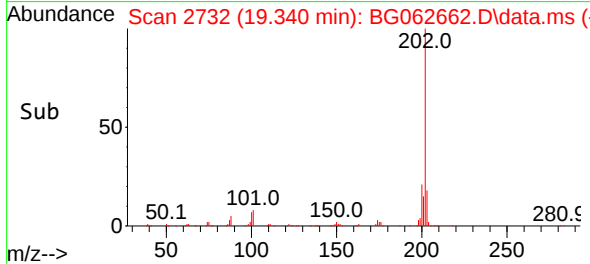
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:202 Resp: 257458
Ion Ratio Lower Upper
202 100
101 8.1 0.0 29.6
203 18.4 0.0 37.4

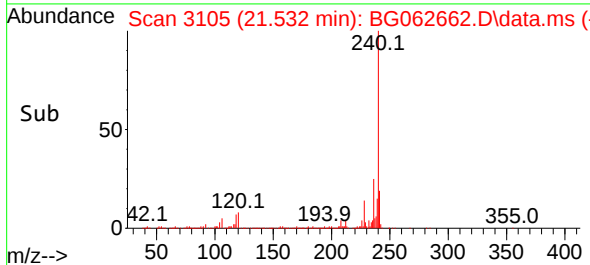
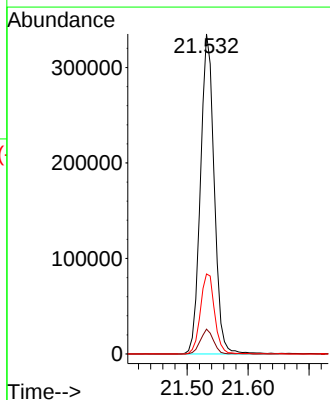
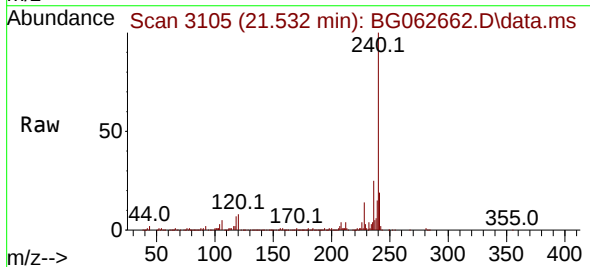
Manual Integrations
APPROVED

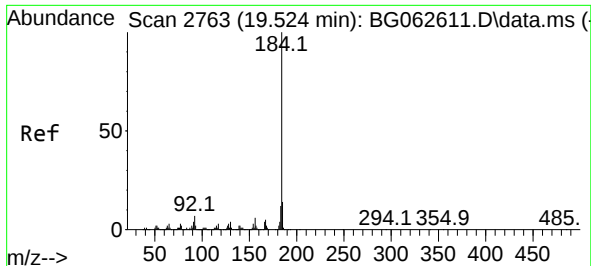
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.532 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

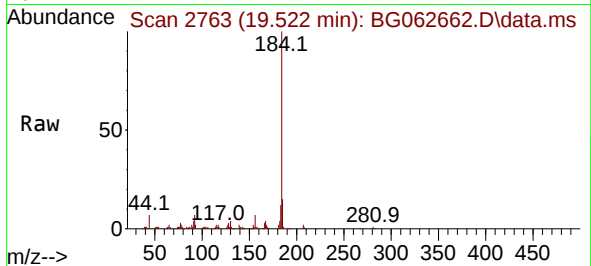
Tgt Ion:240 Resp: 523978
Ion Ratio Lower Upper
240 100
120 7.8 6.6 9.8
236 25.0 20.2 30.4





#77
Benzidine
Concen: 10.683 ng
RT: 19.522 min Scan# 2763
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

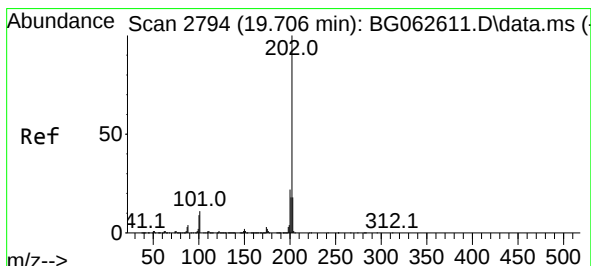
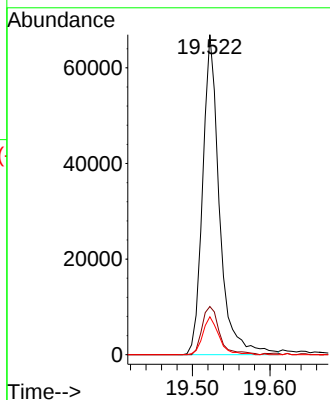
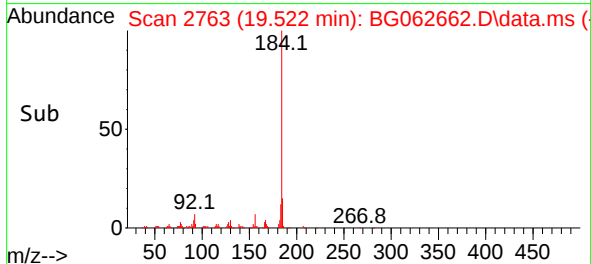
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:184 Resp: 10088
Ion Ratio Lower Upper
184 100
185 15.0 11.0 16.6
183 11.9 9.7 14.5

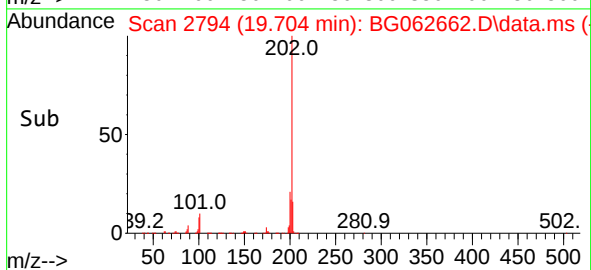
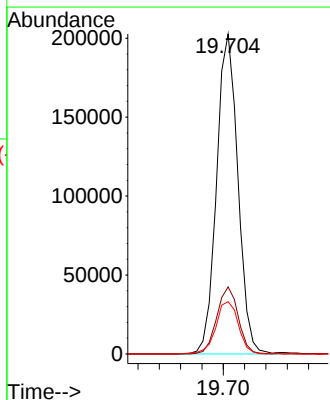
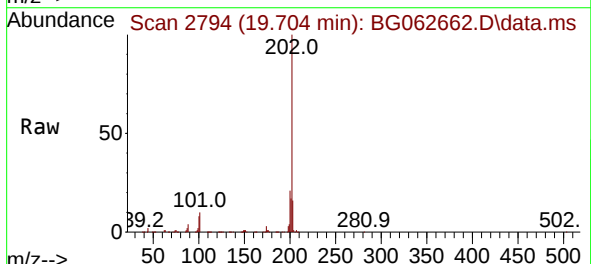
Manual Integrations
APPROVED

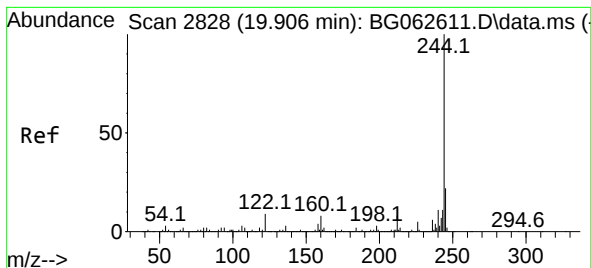
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#78
Pyrene
Concen: 8.429 ng
RT: 19.704 min Scan# 2794
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion:202 Resp: 280740
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 16.3 14.1 21.1





#79

Terphenyl-d14

Concen: 82.145 ng

RT: 19.910 min Scan# 2829

Delta R.T. 0.004 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:244 Resp: 217073

Ion Ratio Lower Upper

244 100

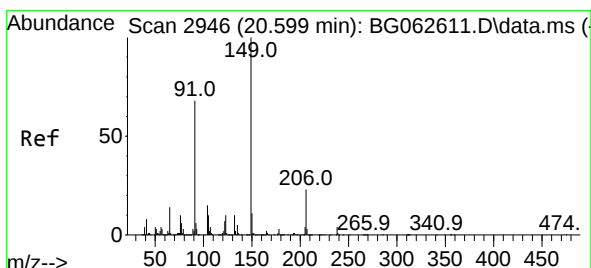
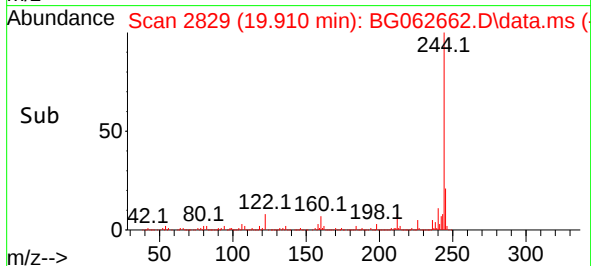
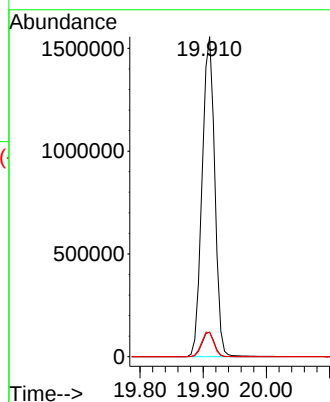
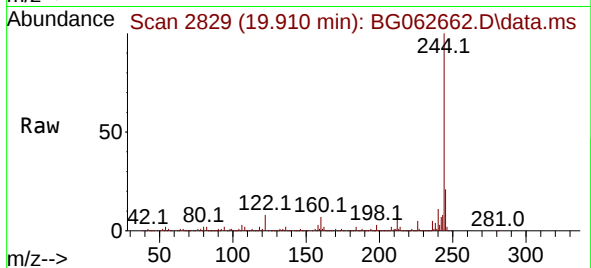
212 7.7 6.6 10.0

122 7.5 7.2 10.8

Manual Integrations

APPROVED

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



#80

Butylbenzylphthalate

Concen: 7.389 ng

RT: 20.598 min Scan# 2946

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

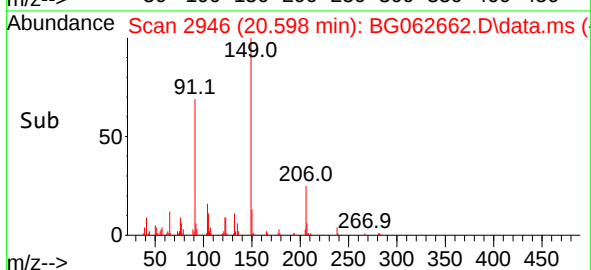
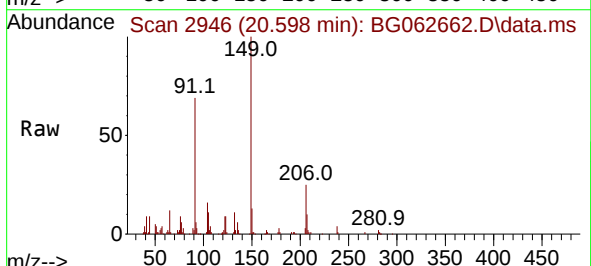
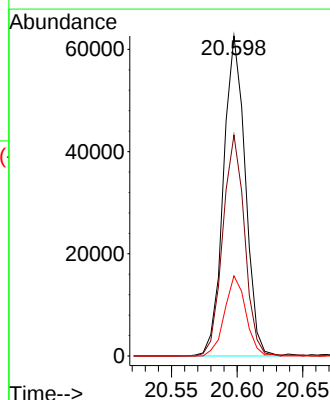
Tgt Ion:149 Resp: 72288

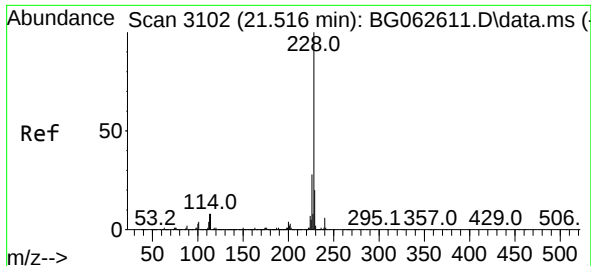
Ion Ratio Lower Upper

149 100

91 69.1 54.6 81.8

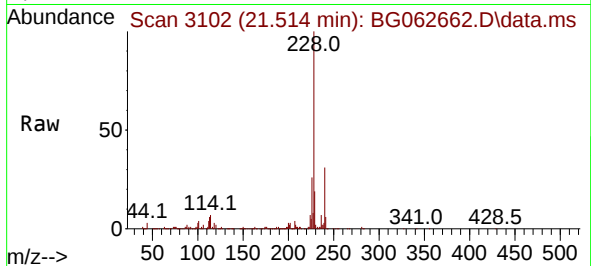
206 25.0 18.4 27.6





#81
Benzo(a)anthracene
Concen: 8.700 ng
RT: 21.514 min Scan# 3102
Delta R.T. -0.002 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

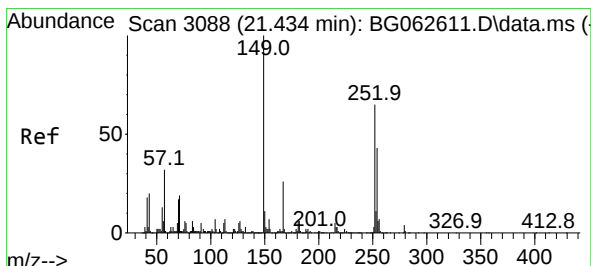
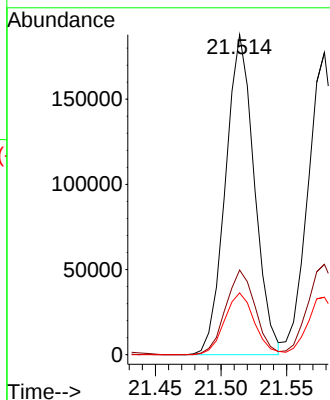
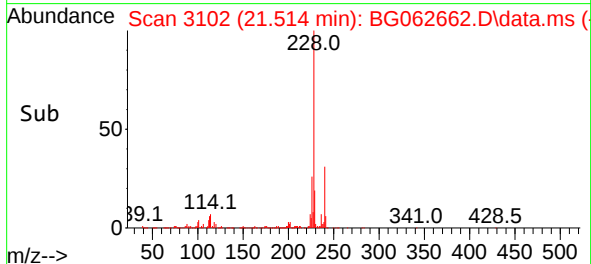
Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:228 Resp: 287509
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.3 16.2 24.2

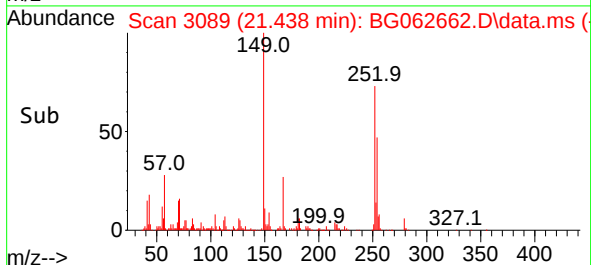
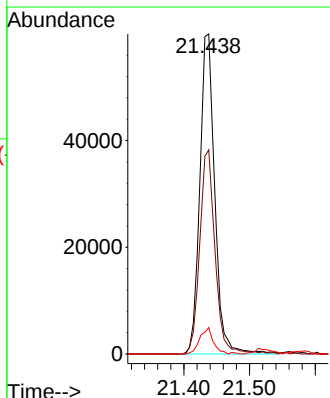
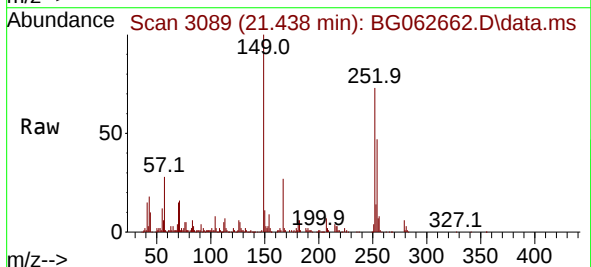
Manual Integrations
APPROVED

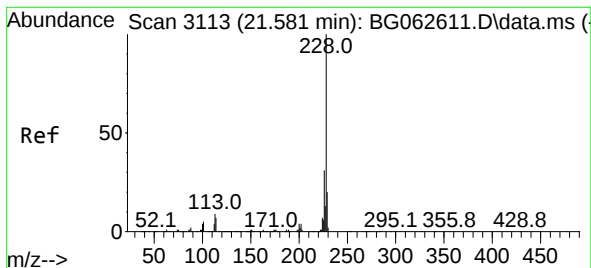
Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.860 ng
RT: 21.438 min Scan# 3089
Delta R.T. 0.004 min
Lab File: BG062662.D
Acq: 5 Sep 2024 11:50

Tgt Ion:252 Resp: 95385
Ion Ratio Lower Upper
252 100
254 63.8 52.2 78.2
126 8.2 6.7 10.1





#83

Chrysene

Concen: 8.896 ng

RT: 21.579 min Scan# 3113

Delta R.T. -0.002 min

Lab File: BG062662.D

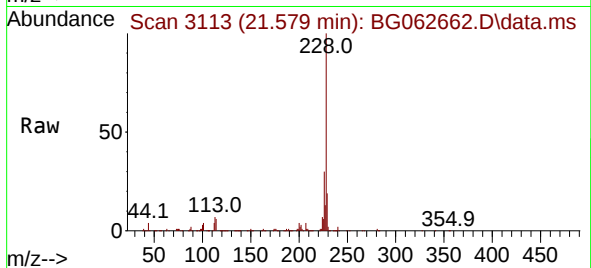
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024

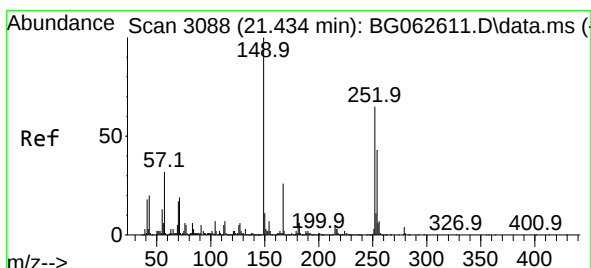
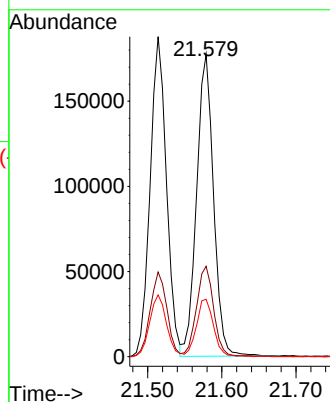
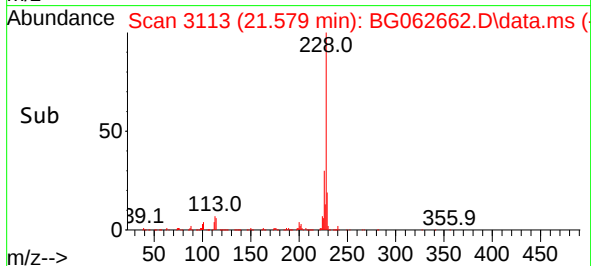


Tgt Ion:	228	Resp:	28161
Ion Ratio	100	Lower	Upper
228	100		
226	29.9	24.9	37.3
229	19.0	16.0	24.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.495 ng

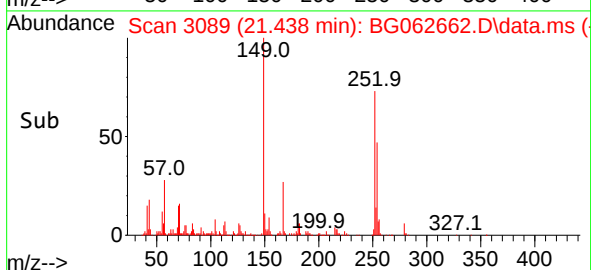
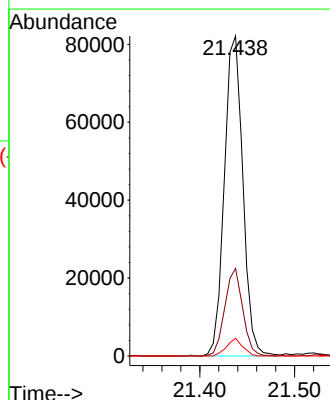
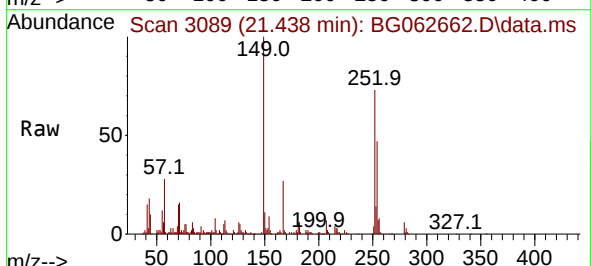
RT: 21.438 min Scan# 3089

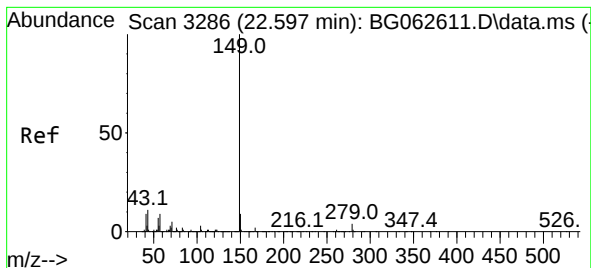
Delta R.T. 0.004 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:	149	Resp:	111392
Ion Ratio	100	Lower	Upper
149	100		
167	27.4	20.5	30.7
279	5.5	3.1	4.7#





#85

Di-n-octyl phthalate

Concen: 7.207 ng

RT: 22.595 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

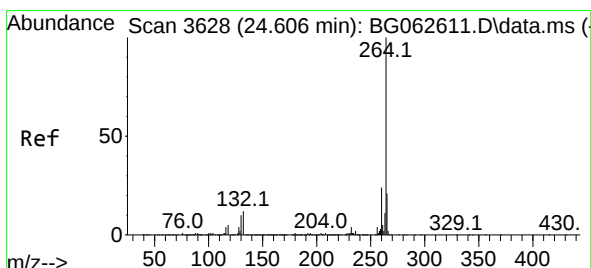
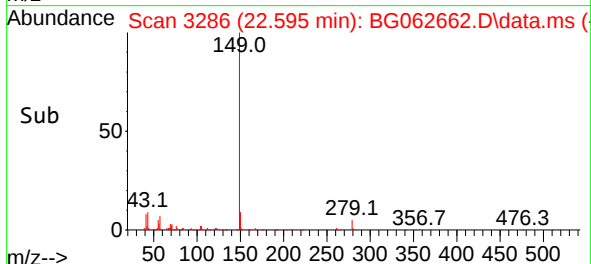
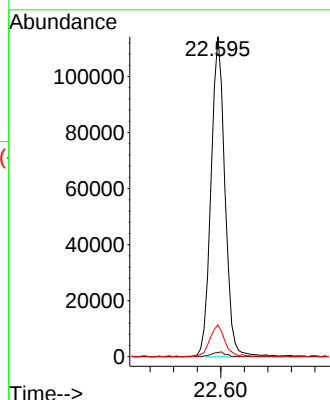
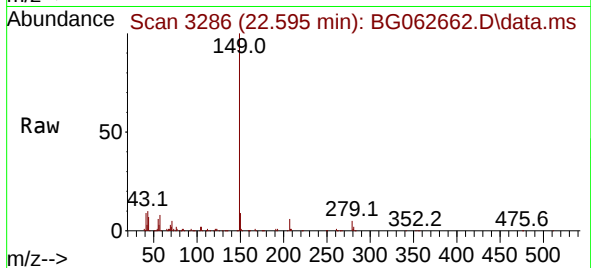
MDL-SOIL-03-QT3-2024

Tgt Ion:149	Resp: 18754
Ion Ratio	Lower Upper
149 100	
167 1.4	1.4 2.0
43 10.9	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

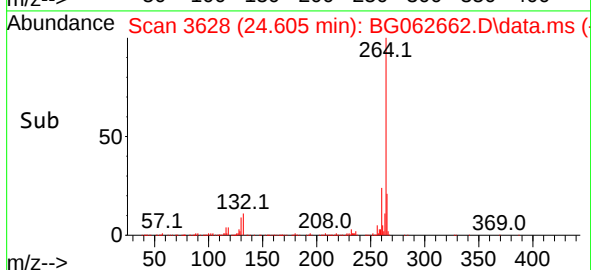
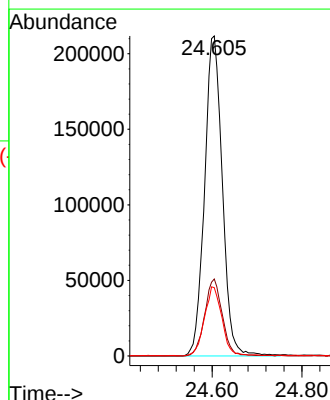
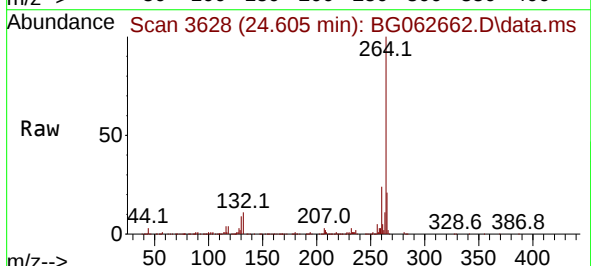
RT: 24.605 min Scan# 3628

Delta R.T. -0.002 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:264	Resp: 581797
Ion Ratio	Lower Upper
264 100	
260 24.0	19.0 28.4
265 21.4	17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.903 ng

RT: 28.065 min Scan# 4218

Delta R.T. -0.008 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:276 Resp: 332150

Ion Ratio Lower Upper

276 100

138 11.0 14.9 22.3

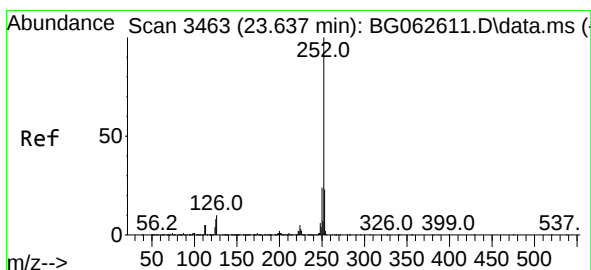
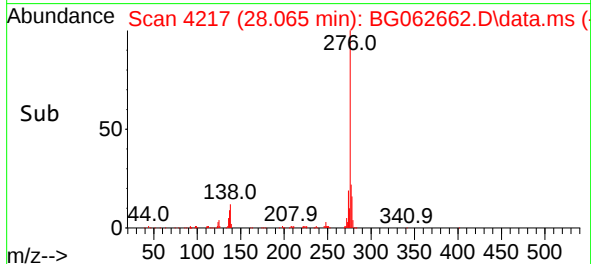
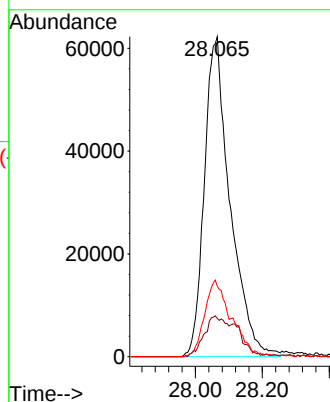
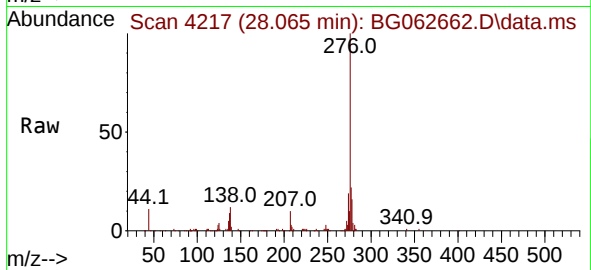
277 24.8 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#88

Benzo(b)fluoranthene

Concen: 8.559 ng

RT: 23.629 min Scan# 3462

Delta R.T. -0.008 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

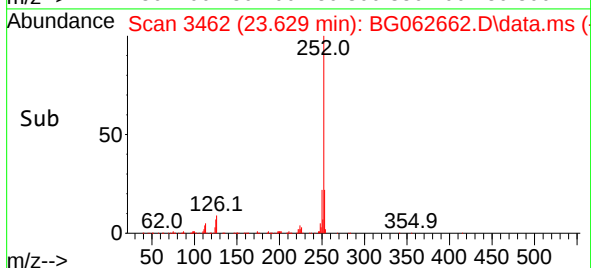
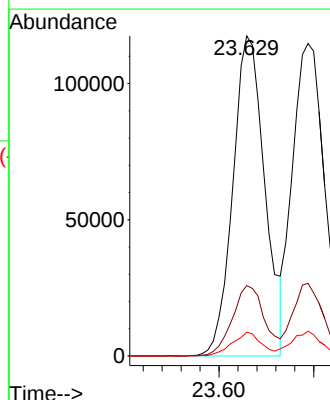
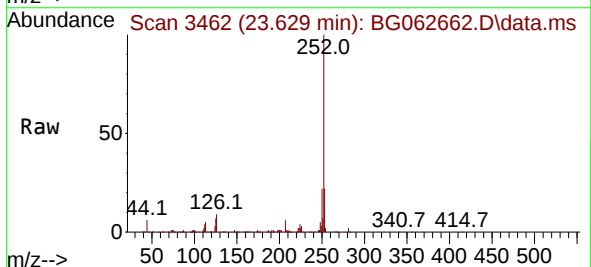
Tgt Ion:252 Resp: 275043

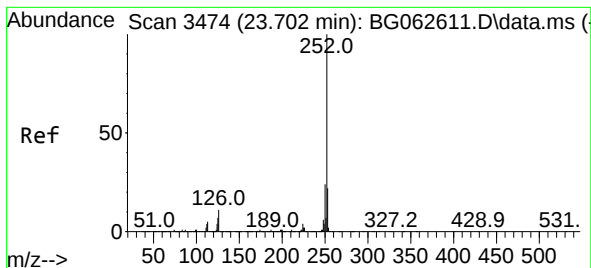
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 7.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 8.720 ng

RT: 23.694 min Scan# 34

Delta R.T. -0.008 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

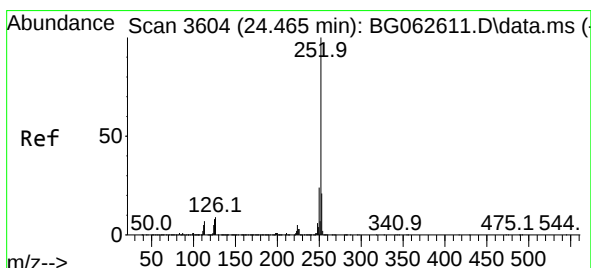
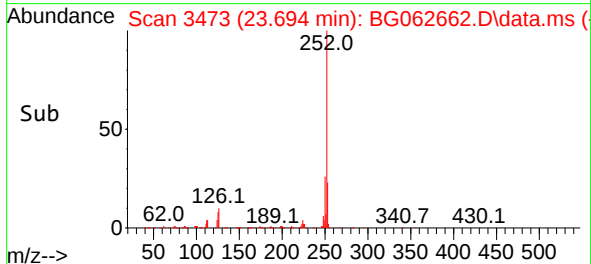
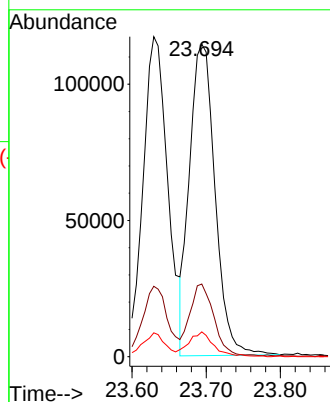
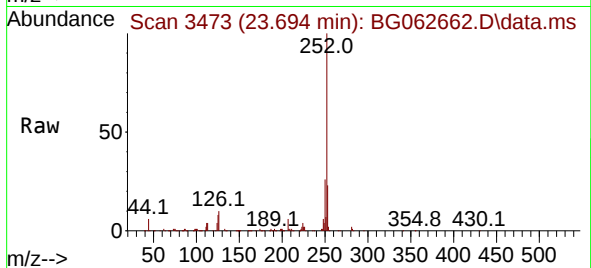
MDL-SOIL-03-QT3-2024

Tgt Ion:252 Resp: 27411
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.8
 125 7.9 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: 8.848 ng

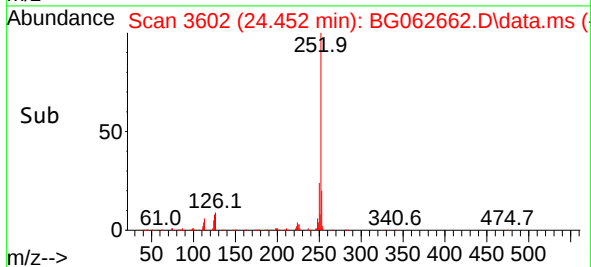
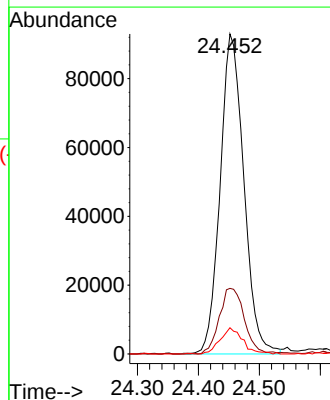
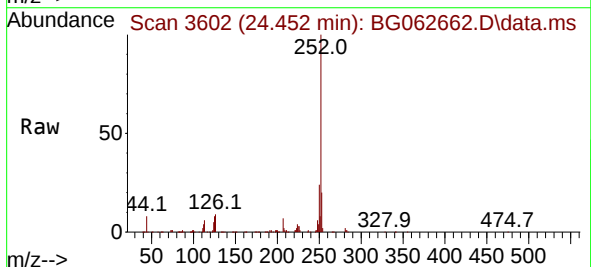
RT: 24.452 min Scan# 3602

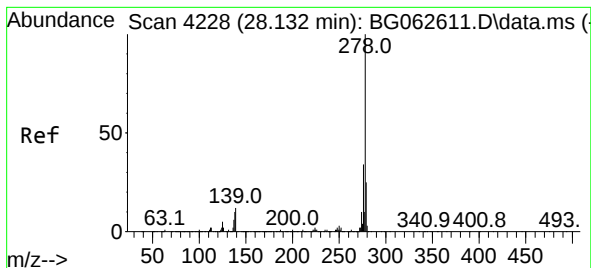
Delta R.T. -0.014 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:252 Resp: 251194
 Ion Ratio Lower Upper
 252 100
 253 20.5 17.1 25.7
 125 8.2 6.6 10.0





#91

Dibenzo(a,h)anthracene

Concen: 8.936 ng

RT: 28.118 min Scan# 41

Delta R.T. -0.014 min

Lab File: BG062662.D

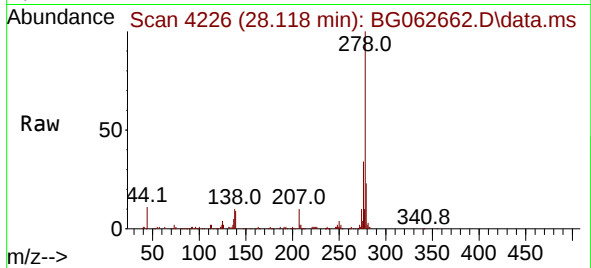
Acq: 5 Sep 2024 11:50

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:278 Resp: 27460

Ion Ratio Lower Upper

278 100

139 9.4 9.2 13.8

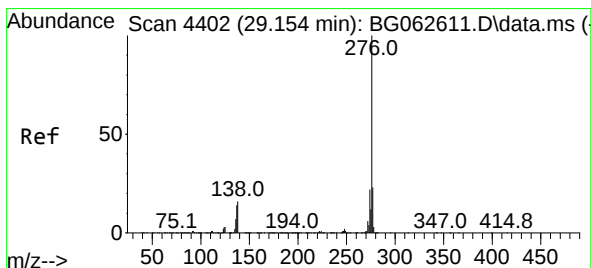
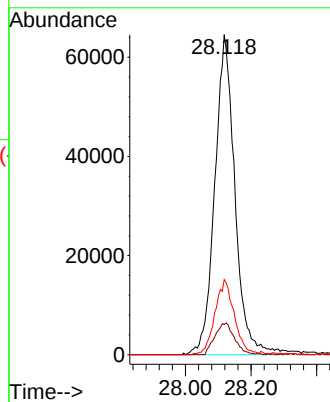
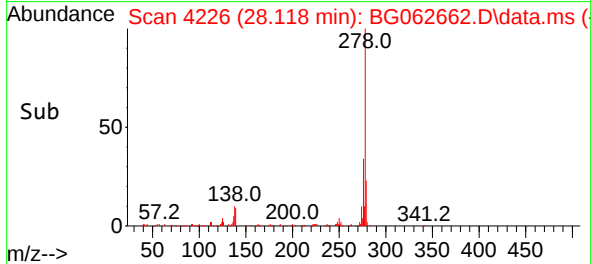
279 23.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024

Supervised By :mohammad ahmed 09/07/2024



#92

Benzo(g,h,i)perylene

Concen: 8.370 ng

RT: 29.140 min Scan# 4400

Delta R.T. -0.014 min

Lab File: BG062662.D

Acq: 5 Sep 2024 11:50

Tgt Ion:276 Resp: 259388

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 11.9 12.7 19.1#

