

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
 Data File : BG063516.D
 Acq On : 22 Nov 2024 12:25
 Operator : RC/JU
 Sample : P4776-04
 Misc : MDL-SOIL-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2024-08

Quant Time: Nov 22 13:00:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 20 14:52:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.829	152	101978	20.000	ng/u1	0.00
20) Naphthalene-d8	10.620	136	408786	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.474	164	314265	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.224	188	785473	20.000	ng/u1	0.00
79) Chrysene-d12	21.484	240	889546	20.000	ng/u1	0.00
88) Perylene-d12	24.533	264	945476	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8145	3.152	ng/uL	0.00
4) Pyridine-d5	3.704	84	88101	10.879	ng/u1	0.00
7) Phenol-d5	7.006	99	102757	12.252	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.165	67	68705	12.772	ng/u1	0.00
11) 2-Chlorophenol-d4	7.365	132	76477	12.867	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	88326	12.602	ng/u1	0.00
21) Nitrobenzene-d5	8.986	128	36736	12.514	ng/u1	0.00
24) 2-Nitrophenol-d4	9.703	143	45119	12.441	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	85639	12.372	ng/u1	0.00
31) 4-Chloroaniline-d4	10.761	131	113065	12.914	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	301621	14.138	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	336151	13.817	ng/u1	0.00
54) 4-Nitrophenol-d4	14.692	143	31947	10.078	ng/u1	0.00
60) Fluorene-d10	15.467	176	268279	13.840	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	49431	11.194	ng/u1	0.00
73) Anthracene-d10	17.324	188	462943	13.566	ng/u1	0.00
81) Pyrene-d10	19.627	212	624558	14.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.316	264	621421	13.551	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	3247m	1.064	ng/uL	
5) Pyridine	3.728	79	29181	3.541	ng/u1	90
6) Benzaldehyde	6.977	77	22529	4.693	ng/u1	96
8) Phenol	7.036	94	37390	4.088	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.253	93	26656	4.038	ng/u1#	83
12) 2-Chlorophenol	7.400	128	24413	3.848	ng/u1#	84
13) 2-Methylphenol	8.276	108	27797	4.085	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	40446	4.182	ng/u1	98
16) Acetophenone	8.646	105	46079	4.162	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.628	70	24041	3.886	ng/u1#	77
18) 4-Methylphenol	8.605	108	29817	3.995	ng/u1	100
19) Hexachloroethane	8.910	117	12046	4.396	ng/u1	93
22) Nitrobenzene	9.028	77	39383	4.373	ng/u1#	88
23) Isophorone	9.545	82	68196	4.147	ng/u1#	94
25) 2-Nitrophenol	9.733	139	15441	4.292	ng/u1	89
26) 2,4-Dimethylphenol	9.803	107	30289	3.905	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.032	93	38713	4.253	ng/u1#	91
29) 2,4-Dichlorophenol	10.279	162	27410	4.053	ng/u1	98
30) Naphthalene	10.673	128	95467	4.569	ng/u1	99
32) 4-Chloroaniline	10.778	127	36420	4.353	ng/u1	99
33) Hexachlorobutadiene	10.955	225	27774	4.604	ng/u1#	84
34) Caprolactam	11.536	113	9841m	4.318	ng/u1	
35) 4-Chloro-3-methylphenol	11.918	107	30257	4.396	ng/u1	90
36) 2-Methylnaphthalene	12.288	142	67061	4.521	ng/u1	95

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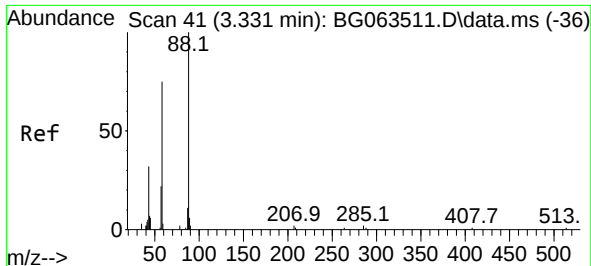
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Manual Integrations
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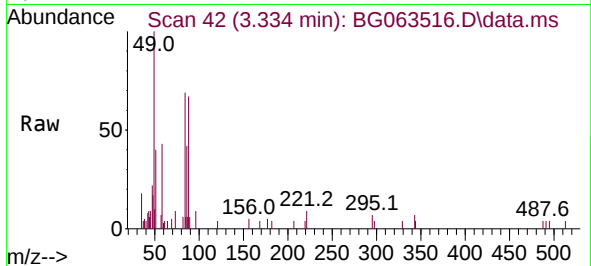
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.506	142	62356	4.004	ng/ul#	85
39) 1,2,4,5-Tetrachloroben...	12.659	216	50539	4.576	ng/ul#	81
40) Hexachlorocyclopentadiene	12.635	237	24149	5.127	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.900	196	23417	3.864	ng/ul#	81
42) 2,4,5-Trichlorophenol	12.982	196	24019	3.841	ng/ul	92
43) 1,1'-Biphenyl	13.299	154	99078	4.750	ng/ul#	95
44) 2-Chloronaphthalene	13.340	162	73443	4.481	ng/ul	93
45) 2-Nitroaniline	13.558	65	22861	4.426	ng/ul	91
47) Dimethylphthalate	13.922	163	98975	4.762	ng/ul#	93
48) 2,6-Dinitrotoluene	14.045	165	19186	4.550	ng/ul#	74
50) Acenaphthylene	14.192	152	115850	4.737	ng/ul	97
51) 3-Nitroaniline	14.380	138	16912	4.379	ng/ul#	82
52) Acenaphthene	14.533	153	82363	4.663	ng/ul	98
53) 2,4-Dinitrophenol	14.609	184	10354m	4.782	ng/ul	
55) 4-Nitrophenol	14.715	109	15432m	4.189	ng/ul	
56) Dibenzofuran	14.874	168	120066	4.737	ng/ul	91
57) 2,4-Dinitrotoluene	14.844	165	30245	4.687	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.109	232	23110	3.889	ng/ul#	91
59) Diethylphthalate	15.291	149	96740	4.608	ng/ul	95
61) Fluorene	15.526	166	100799	4.672	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.520	204	61696	4.793	ng/ul	94
63) 4-Nitroaniline	15.549	138	16967	4.291	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.614	198	20516	4.348	ng/ul#	94
67) N-Nitrosodiphenylamine	15.732	169	82854	4.443	ng/ul	95
68) 4-Bromophenyl-phenylether	16.413	248	38830	4.412	ng/ul	95
69) Hexachlorobenzene	16.536	284	41586	4.507	ng/ul#	91
70) Atrazine	16.683	200	43181	4.793	ng/ul	94
71) Pentachlorophenol	16.889	266	18676m	4.328	ng/ul	
72) Phenanthrene	17.265	178	171203	4.572	ng/ul	97
74) Anthracene	17.359	178	172391	4.509	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.264	216	45032	3.940	ng/ul	98
76) Pentachlorobenzene	14.797	250	47075	4.171	ng/ul	97
77) Carbazole	17.635	167	146056	4.604	ng/ul	98
78) Di-n-butylphthalate	18.193	149	159674	4.391	ng/ul	99
80) Fluoranthene	19.292	202	222124	4.505	ng/ul	99
82) Pyrene	19.656	202	246671	4.669	ng/ul	98
83) Butylbenzylphthalate	20.549	149	73220	4.271	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.390	252	87202	4.563	ng/ul	98
85) Benzo(a)anthracene	21.466	228	269064	4.678	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149	107812	4.326	ng/ul	99
87) Chrysene	21.531	228	251346	4.673	ng/ul	97
89) Di-n-octyl phthalate	22.529	149	184221	4.391	ng/ul	100
90) Benzo(b)fluoranthene	23.569	252	255042	4.493	ng/ul	99
91) Benzo(k)fluoranthene	23.628	252	264174	4.638	ng/ul	98
93) Benzo(a)pyrene	24.380	252	238860	4.496	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.947	276	292892m	4.445	ng/ul	
95) Dibenzo(a,h)anthracene	28.005	278	234306	4.349	ng/ul#	96
96) Benzo(g,h,i)perylene	29.028	276	232031m	4.644	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.064 ng/uL m
RT: 3.334 min Scan# 41
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

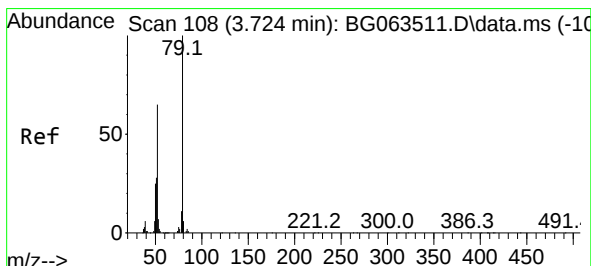
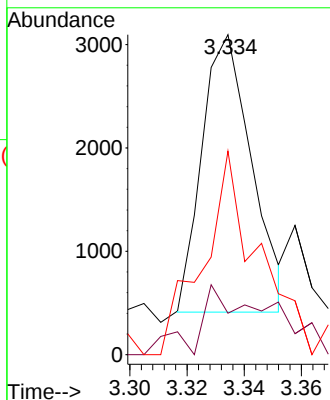
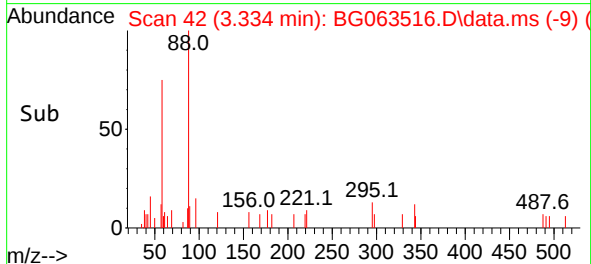
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion: 88 Resp: 324
Ion Ratio Lower Upper
88 100
43 13.0 19.0 28.4
58 63.6 52.3 78.5

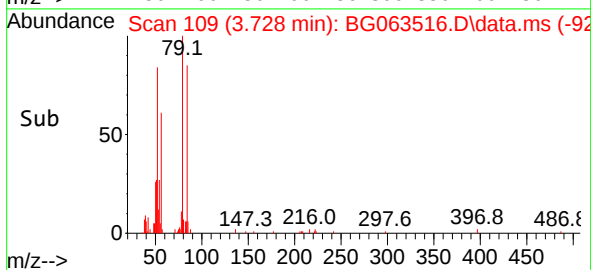
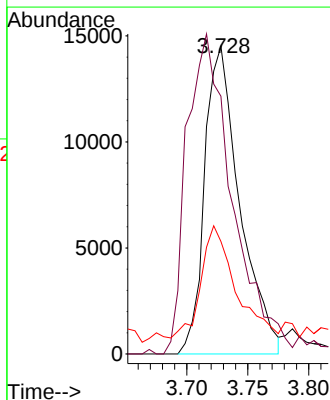
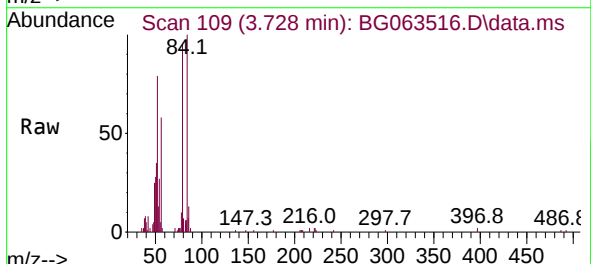
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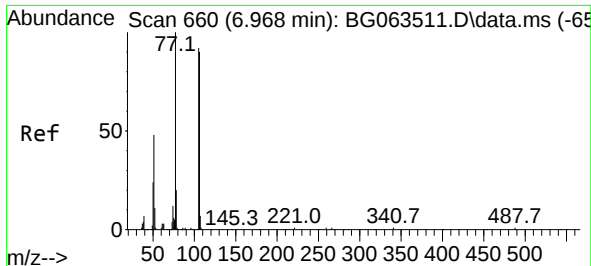
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#5
Pyridine
Concen: 3.541 ng/uL
RT: 3.728 min Scan# 109
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion: 79 Resp: 29181
Ion Ratio Lower Upper
79 100
52 83.8 57.4 86.0
51 36.6 29.7 44.5





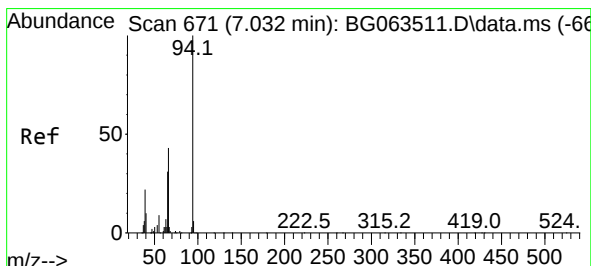
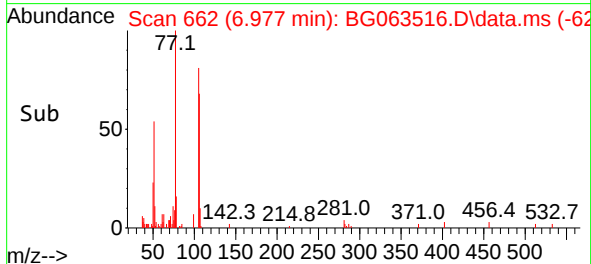
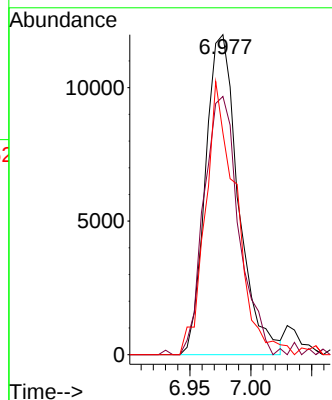
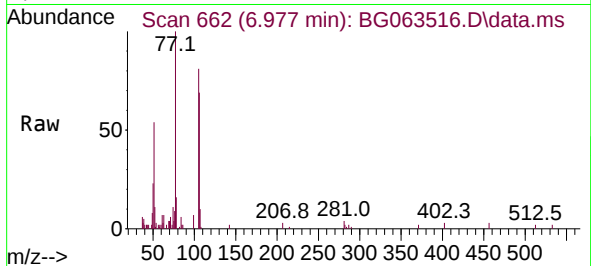
#6
Benzaldehyde
Concen: 4.693 ng/ul
RT: 6.977 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion: 77 Resp: 22529
Ion Ratio Lower Upper
77 100
105 80.7 65.5 98.3
106 69.3 59.6 89.4

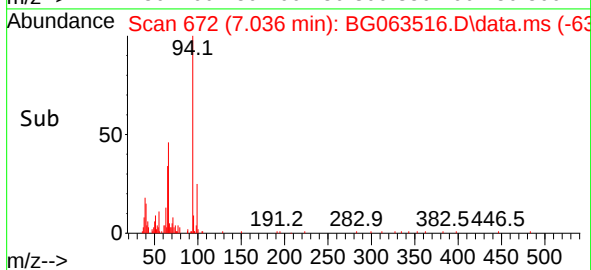
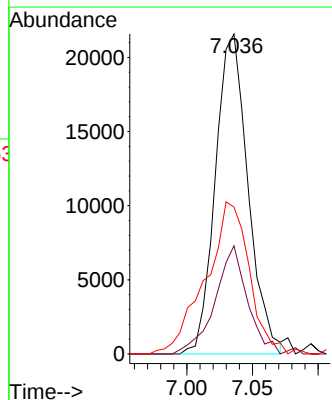
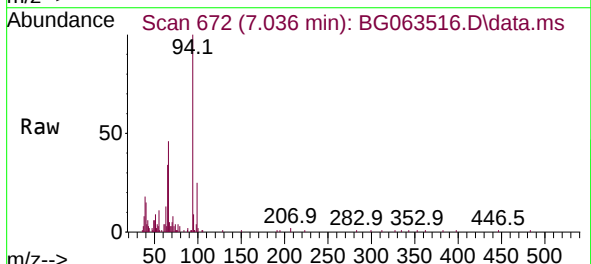
Manual Integrations
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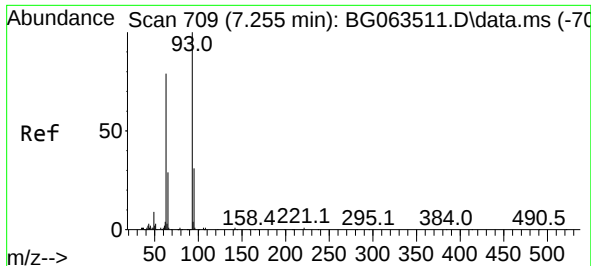
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#8
Phenol
Concen: 4.088 ng/ul
RT: 7.036 min Scan# 672
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion: 94 Resp: 37390
Ion Ratio Lower Upper
94 100
65 33.8 23.8 35.8
66 45.9 36.4 54.6





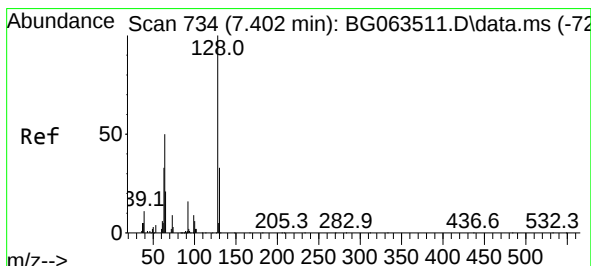
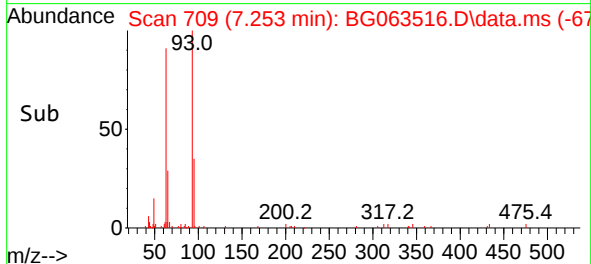
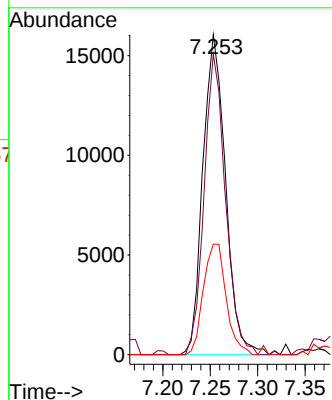
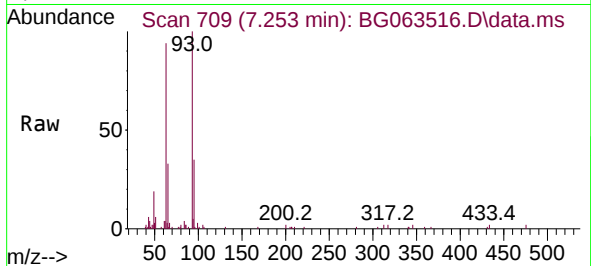
#10
Bis(2-Chloroethyl)ether
Concen: 4.038 ng/ul
RT: 7.253 min Scan# 709
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion: 93 Resp: 26650
Ion Ratio Lower Upper
93 100
63 93.8 62.7 94.1
95 34.6 21.6 32.4

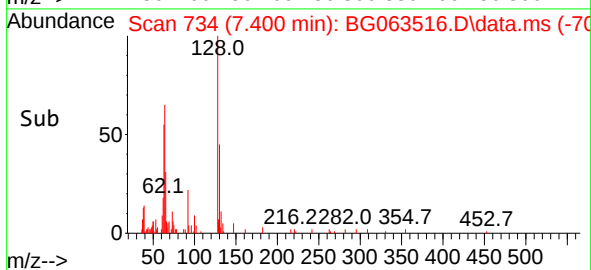
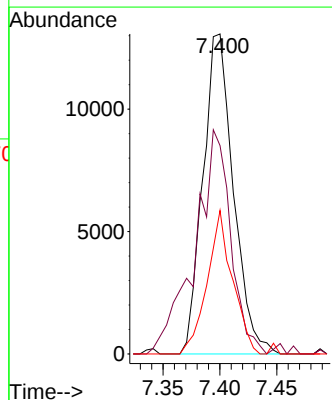
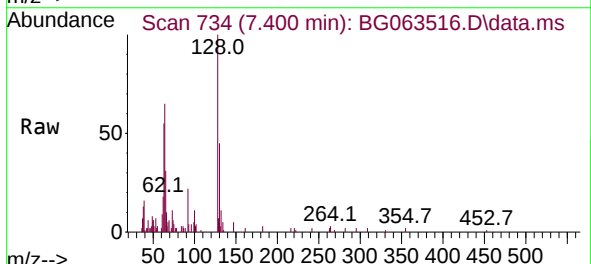
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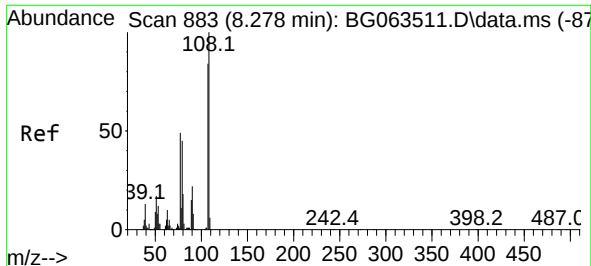
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#12
2-Chlorophenol
Concen: 3.848 ng/ul
RT: 7.400 min Scan# 734
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

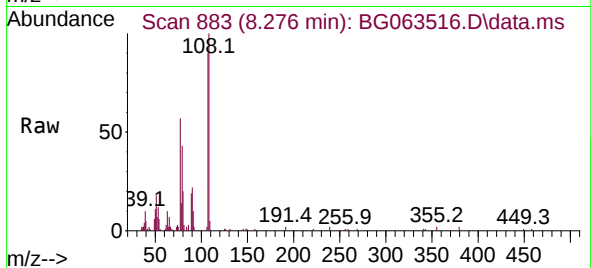
Tgt Ion:128 Resp: 24413
Ion Ratio Lower Upper
128 100
64 65.1 45.1 67.7
130 44.9 25.0 37.6





#13
2-Methylphenol
Concen: 4.085 ng/ul
RT: 8.276 min Scan# 883
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

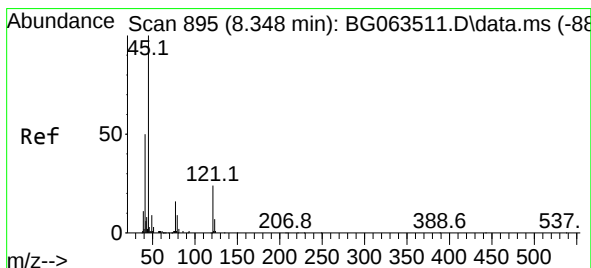
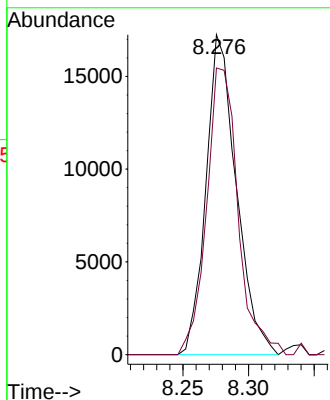
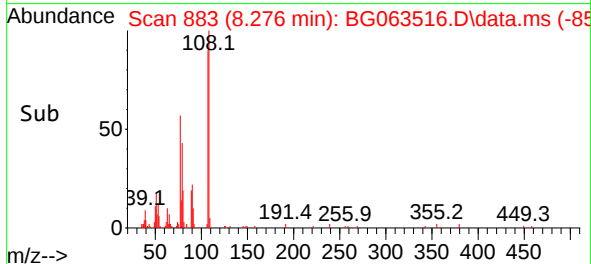
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08



Tgt Ion: 108 Resp: 2779
Ion Ratio Lower Upper
108 100
107 89.6 67.7 101.5

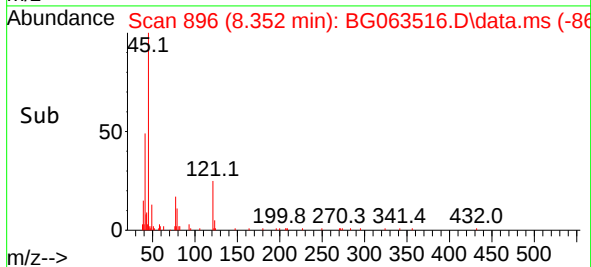
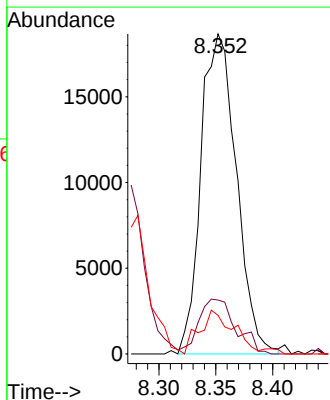
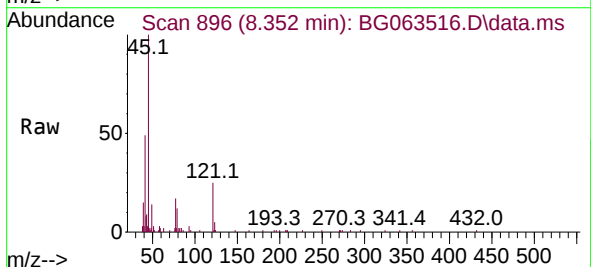
Manual Integrations
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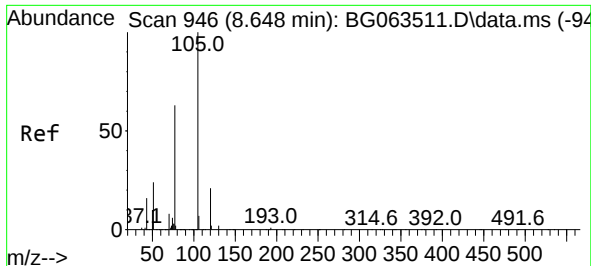
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.182 ng/ul
RT: 8.352 min Scan# 896
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

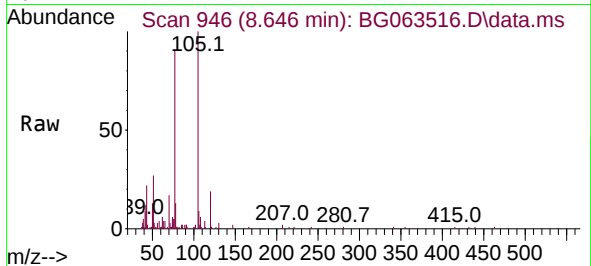
Tgt Ion: 45 Resp: 40446
Ion Ratio Lower Upper
45 100
77 16.9 14.5 21.7
79 12.0 9.7 14.5





#16
Acetophenone
Concen: 4.162 ng/ul
RT: 8.646 min Scan# 946
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

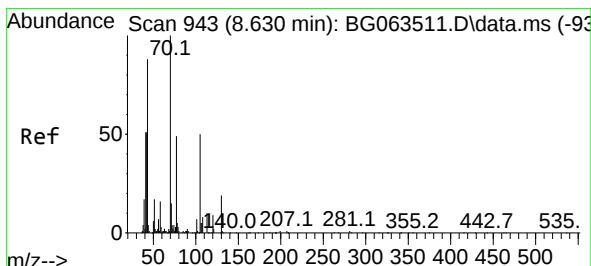
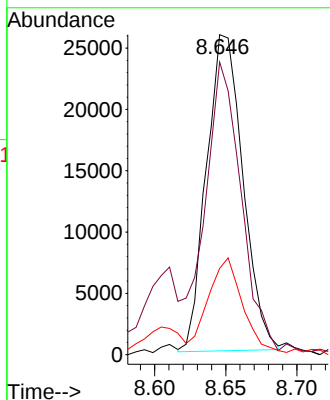
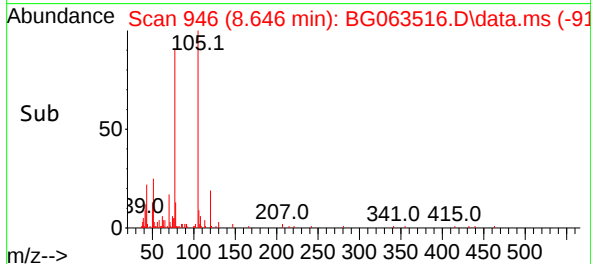
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BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion: 105 Resp: 46079
Ion Ratio Lower Upper
105 100
77 91.4 67.0 100.6
51 26.9 22.3 33.5

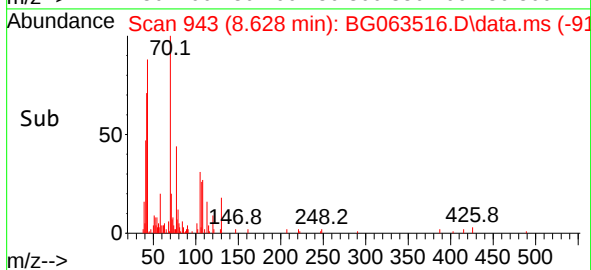
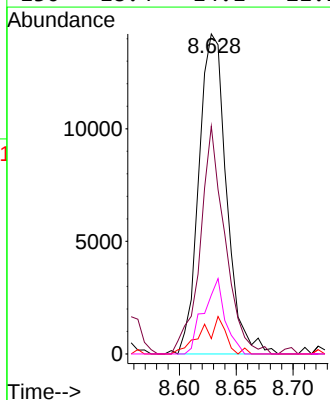
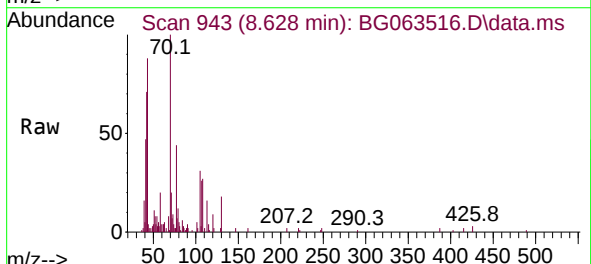
Manual Integrations
APPROVED

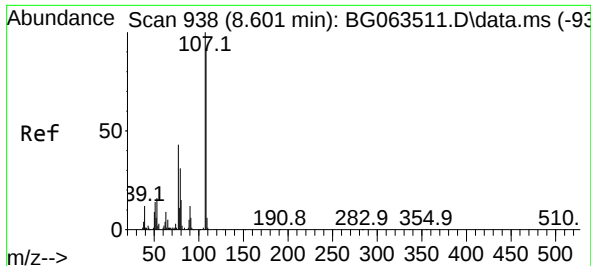
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.886 ng/ul
RT: 8.628 min Scan# 943
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

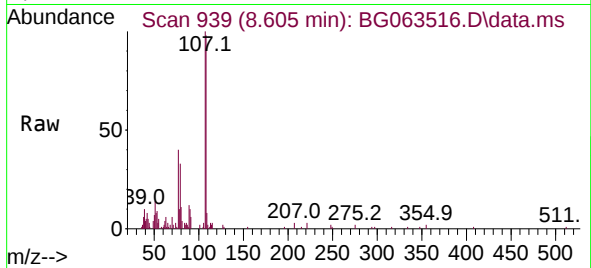
Tgt Ion: 70 Resp: 24041
Ion Ratio Lower Upper
70 100
42 71.2 38.9 58.3#
101 4.8 7.2 10.8#
130 18.4 14.1 21.1





#18
4-Methylphenol
Concen: 3.995 ng/ul
RT: 8.605 min Scan# 911
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

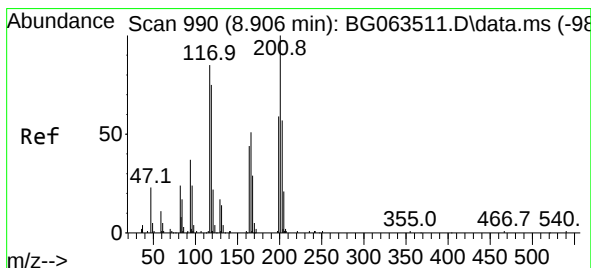
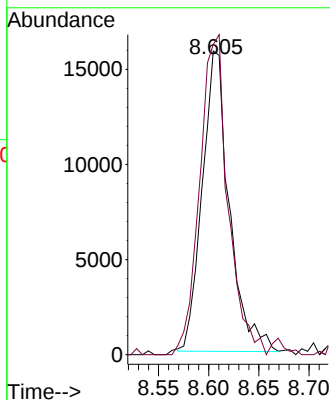
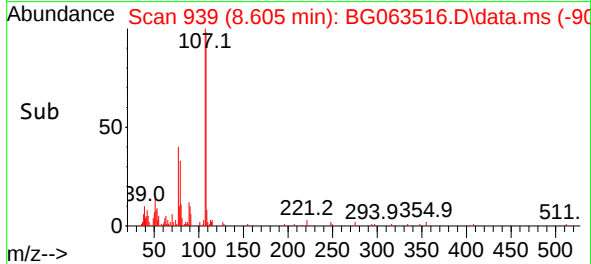
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:108 Resp: 2981
Ion Ratio Lower Upper
108 100
107 102.2 81.4 122.2

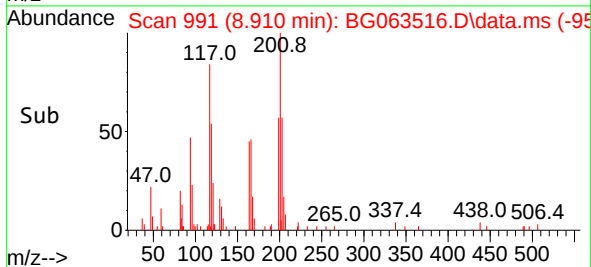
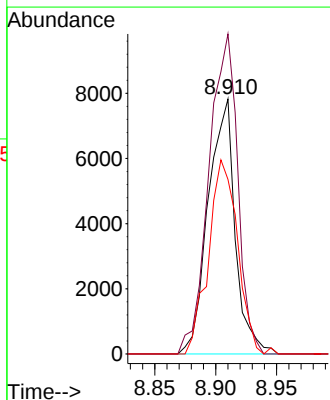
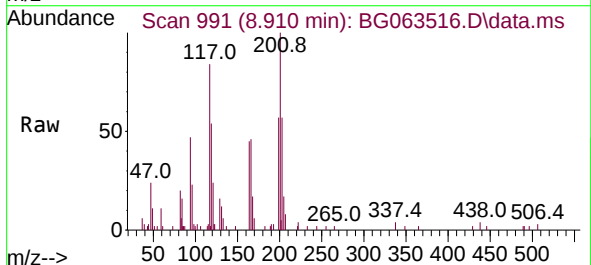
Manual Integrations
APPROVED

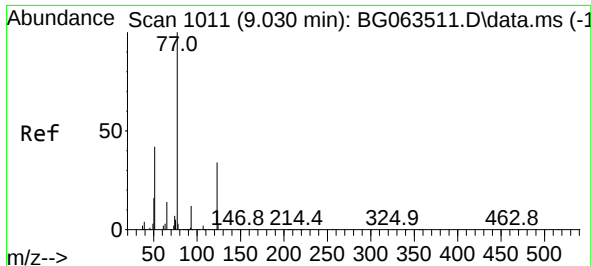
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#19
Hexachloroethane
Concen: 4.396 ng/ul
RT: 8.910 min Scan# 991
Delta R.T. 0.008 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

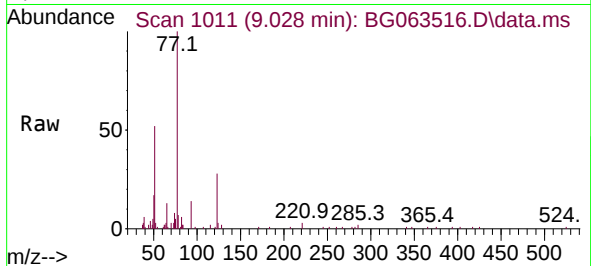
Tgt Ion:117 Resp: 12046
Ion Ratio Lower Upper
117 100
201 125.5 107.0 160.4
199 68.5 60.0 90.0





#22
Nitrobenzene
Concen: 4.373 ng/ul
RT: 9.028 min Scan# 1011
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

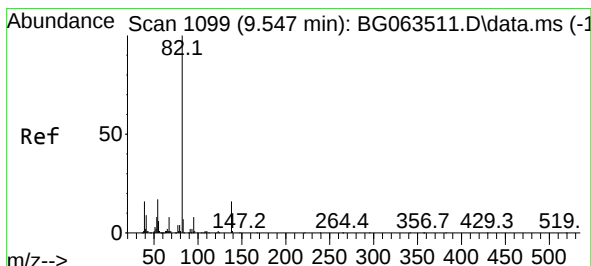
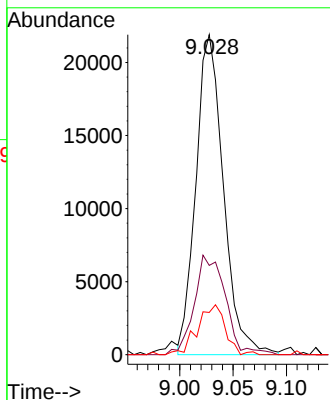
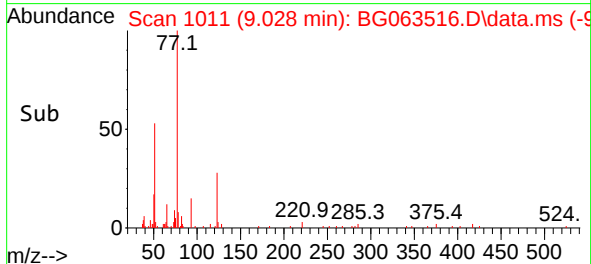
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion: 77 Resp: 3938
Ion Ratio Lower Upper
77 100
123 27.9 29.8 44.8
65 13.2 11.9 17.9

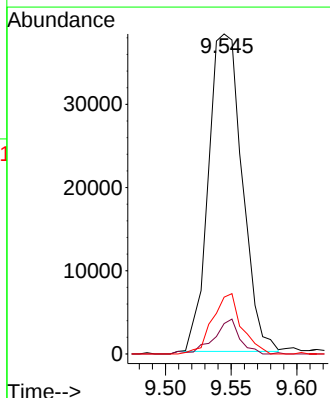
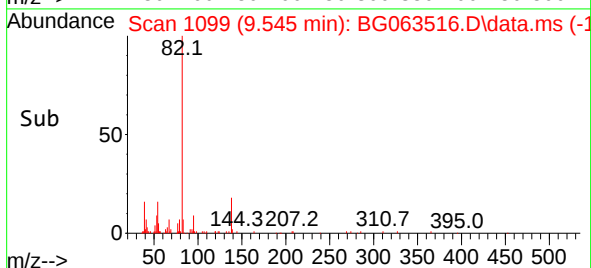
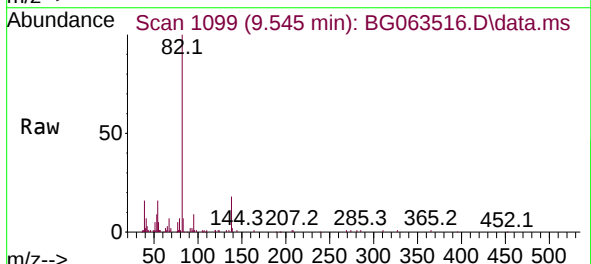
Manual Integrations
APPROVED

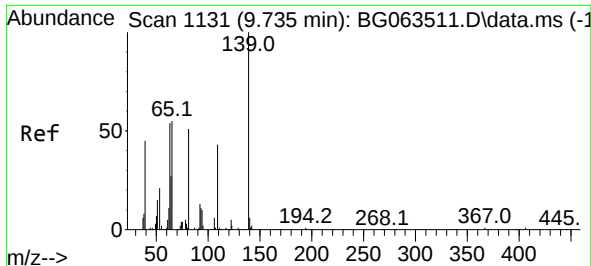
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#23
Isophorone
Concen: 4.147 ng/ul
RT: 9.545 min Scan# 1099
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion: 82 Resp: 68196
Ion Ratio Lower Upper
82 100
95 9.5 6.2 9.4
138 17.7 11.9 17.9





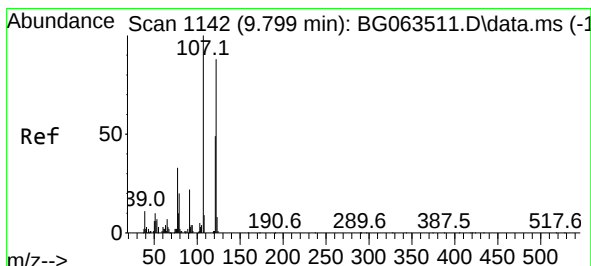
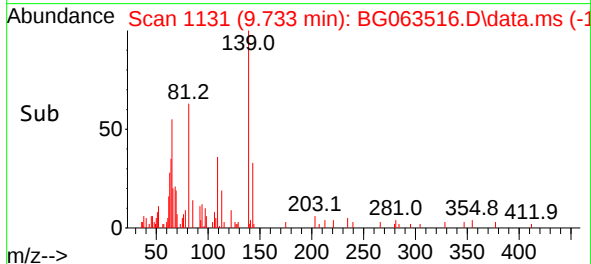
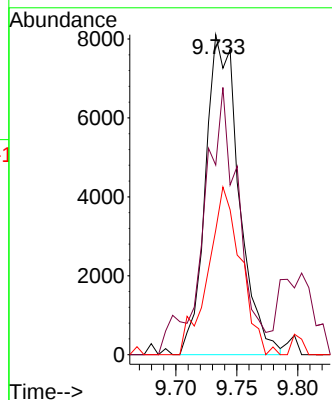
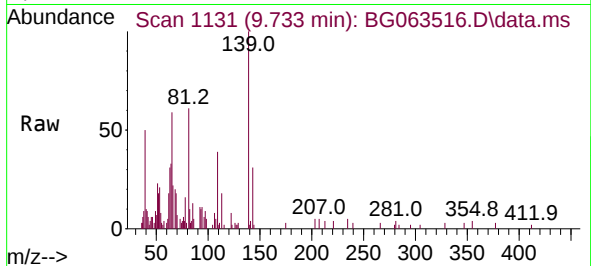
#25
2-Nitrophenol
Concen: 4.292 ng/ul
RT: 9.733 min Scan# 1131
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion:	139	Resp:	1544
Ion Ratio	Lower	Upper	
139	100		
65	59.2	54.0	81.0
109	38.9	38.2	57.4

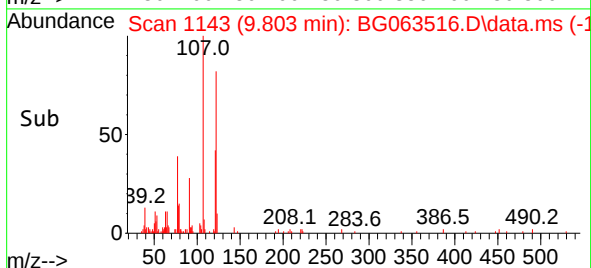
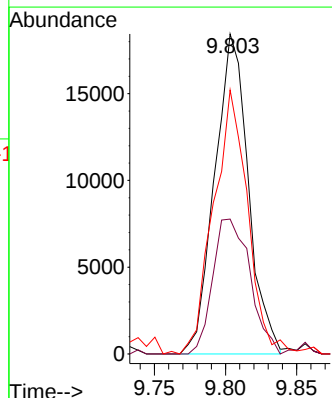
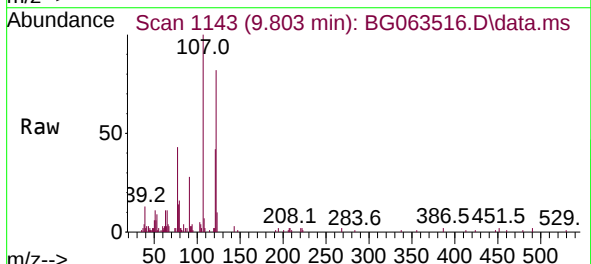
Manual Integrations
APPROVED

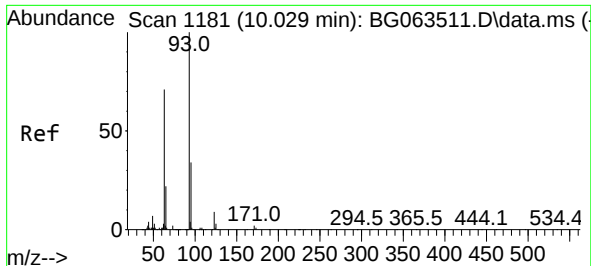
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2,4-Dimethylphenol
Concen: 3.905 ng/ul
RT: 9.803 min Scan# 1143
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

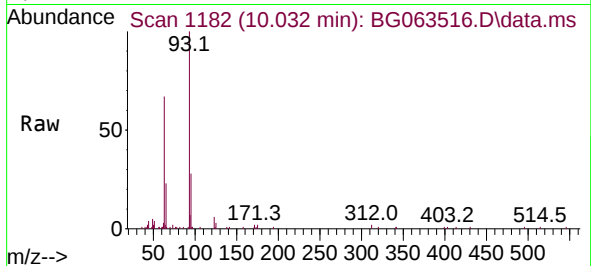
Tgt Ion:	107	Resp:	30289
Ion Ratio	Lower	Upper	
107	100		
121	42.2	34.4	51.6
122	82.5	61.0	91.6





#27
Bis(2-Chloroethoxy)methane
Concen: 4.253 ng/ul
RT: 10.032 min Scan# 1181
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

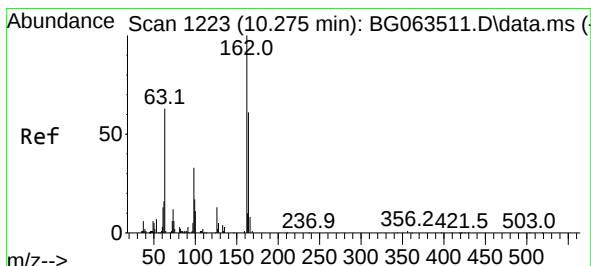
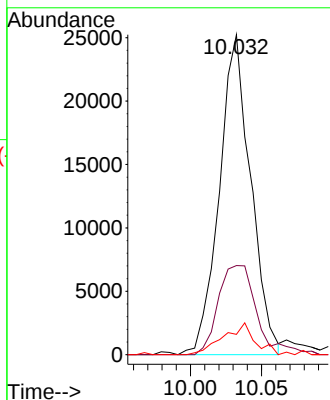
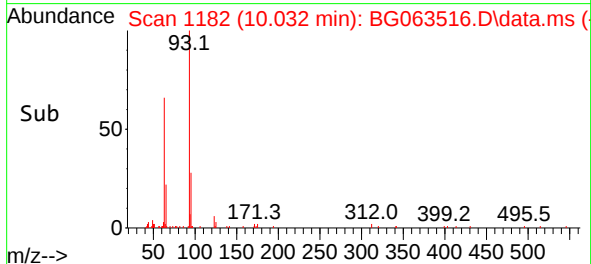
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion: 93 Resp: 3871
Ion Ratio Lower Upper
93 100
95 27.9 26.9 40.3
123 6.4 6.6 9.8

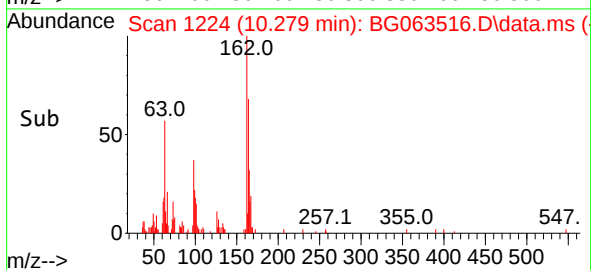
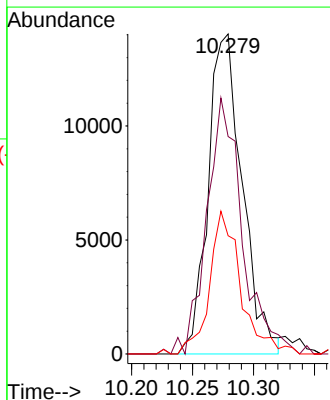
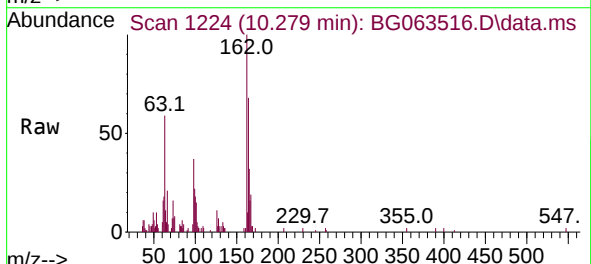
Manual Integrations
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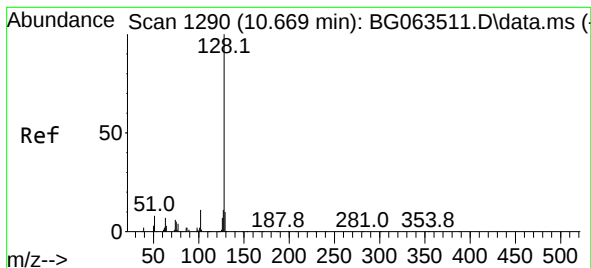
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#29
2,4-Dichlorophenol
Concen: 4.053 ng/ul
RT: 10.279 min Scan# 1224
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:162 Resp: 27410
Ion Ratio Lower Upper
162 100
164 67.9 52.8 79.2
98 37.0 29.0 43.6





#30

Naphthalene

Concen: 4.569 ng/ul

RT: 10.673 min Scan# 1290

Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

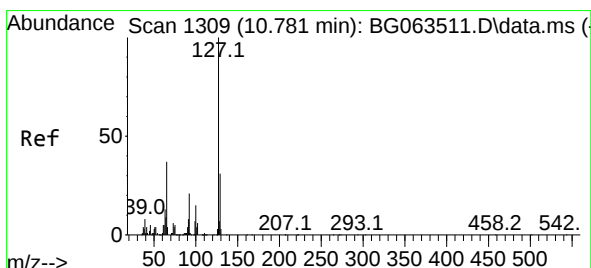
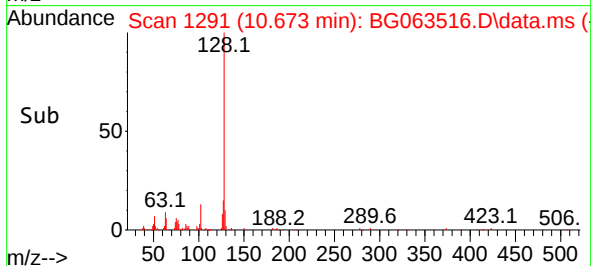
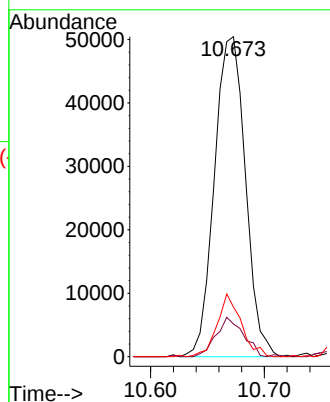
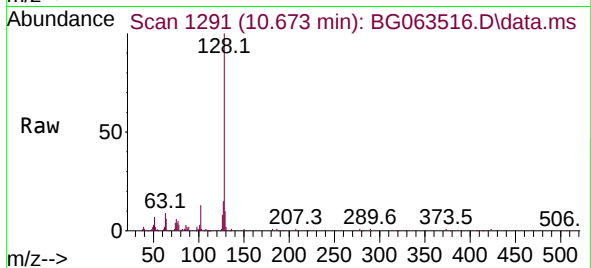
MDL-SOIL-QT4-2024-08

Tgt Ion:128 Resp: 9546
 Ion Ratio Lower Upper
 128 100
 129 10.2 8.2 12.2
 127 15.5 11.8 17.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#32

4-Chloroaniline

Concen: 4.353 ng/ul

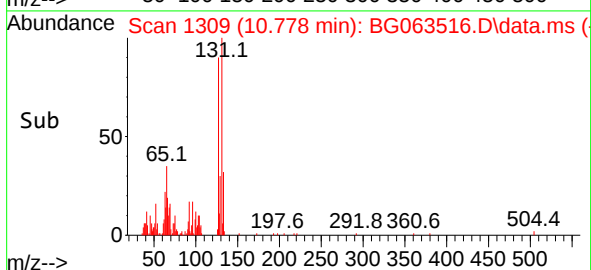
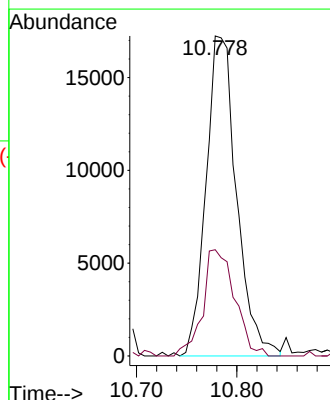
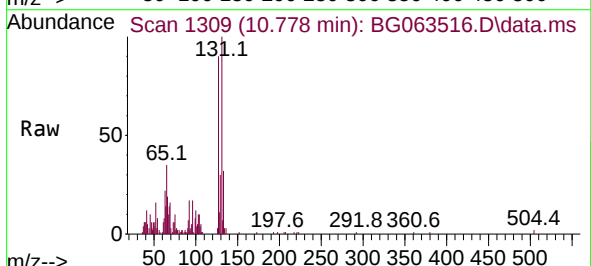
RT: 10.778 min Scan# 1309

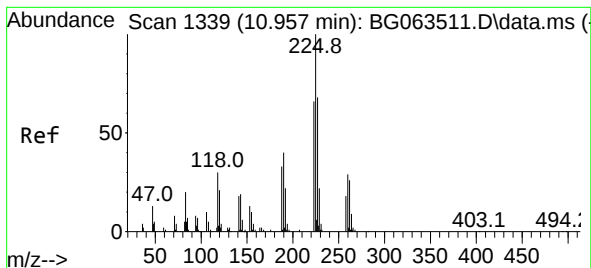
Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:127 Resp: 36420
 Ion Ratio Lower Upper
 127 100
 129 33.2 26.2 39.2





#33

Hexachlorobutadiene

Concen: 4.604 ng/ul

RT: 10.955 min Scan# 1339

Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

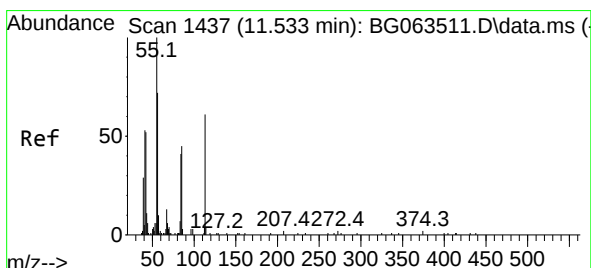
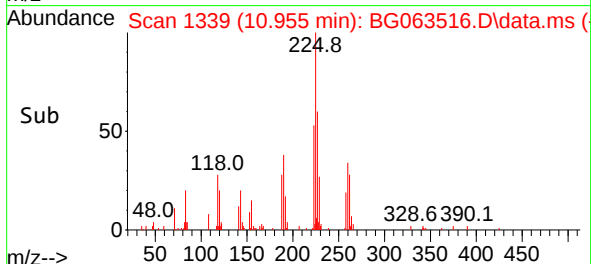
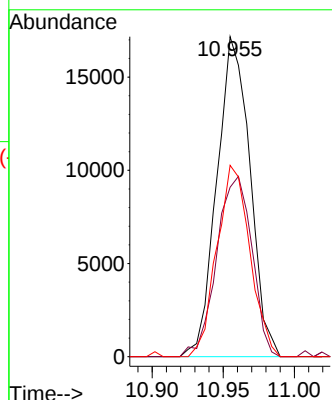
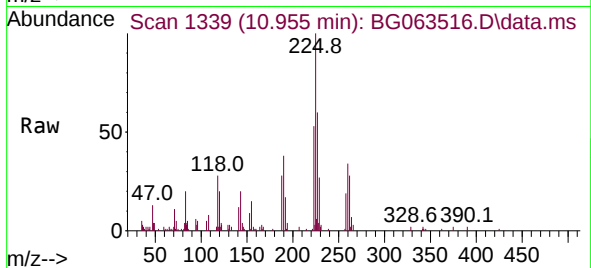
MDL-SOIL-QT4-2024-08

Tgt Ion:	225	Resp:	27774
Ion Ratio	Lower	Upper	
225	100		
223	49.8	54.8	82.2
227	60.2	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#34

Caprolactam

Concen: 4.318 ng/ul m

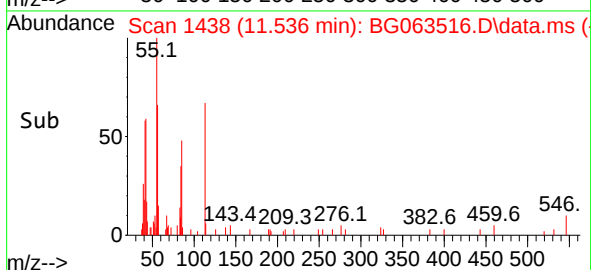
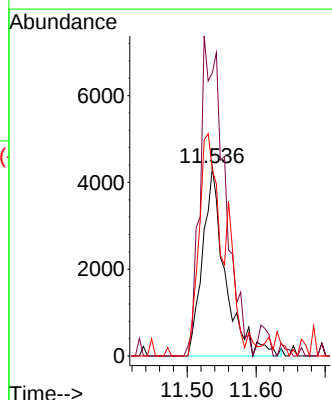
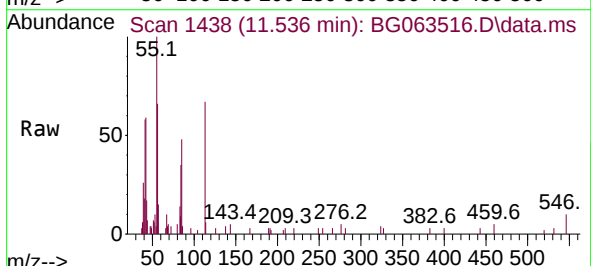
RT: 11.536 min Scan# 1438

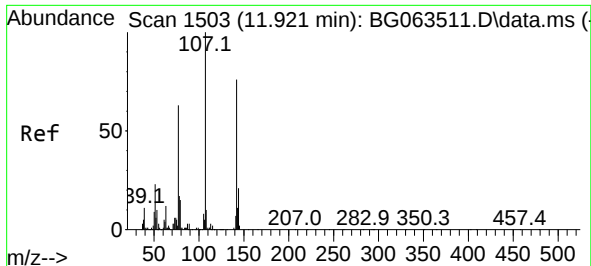
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:	113	Resp:	9841
Ion Ratio	Lower	Upper	
113	100		
55	150.2	135.2	202.8
56	98.7	109.8	164.6





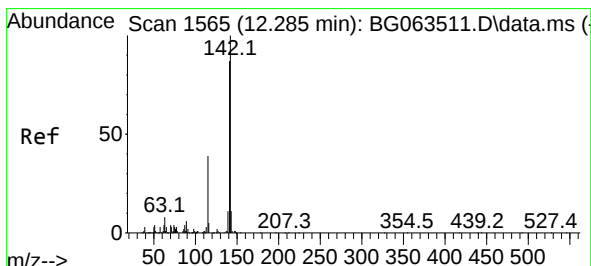
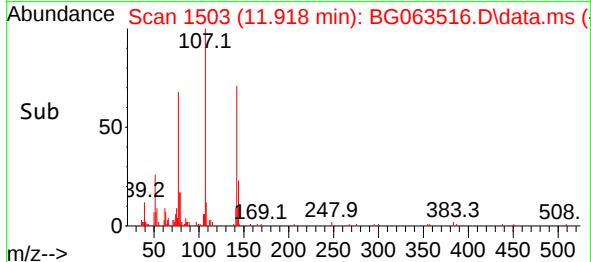
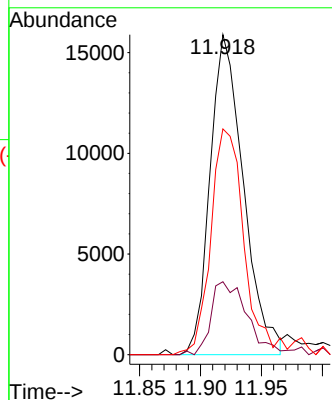
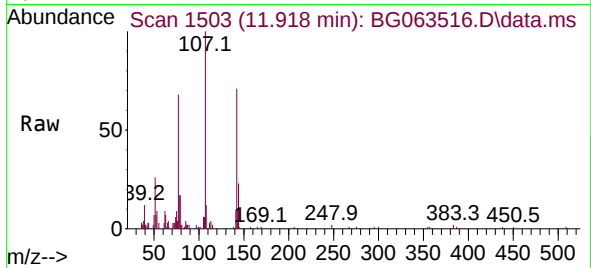
#35
4-Chloro-3-methylphenol
Concen: 4.396 ng/ul
RT: 11.918 min Scan# 1503
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08

Tgt Ion:107 Resp: 3025
Ion Ratio Lower Upper
107 100
144 22.8 18.6 27.8
142 70.6 65.2 97.8

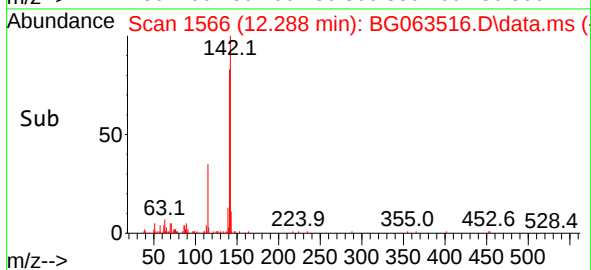
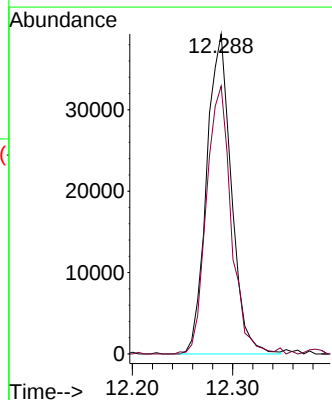
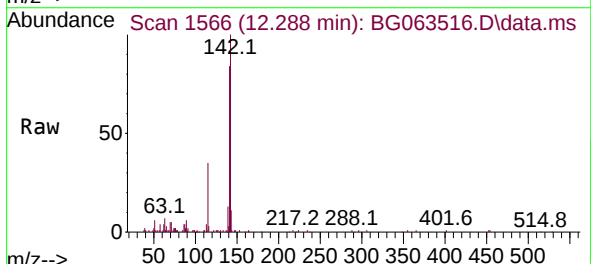
Manual Integrations
APPROVED

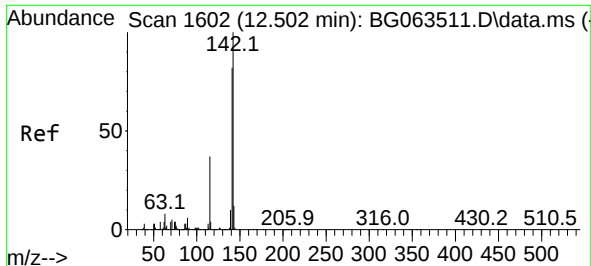
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#36
2-Methylnaphthalene
Concen: 4.521 ng/ul
RT: 12.288 min Scan# 1566
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

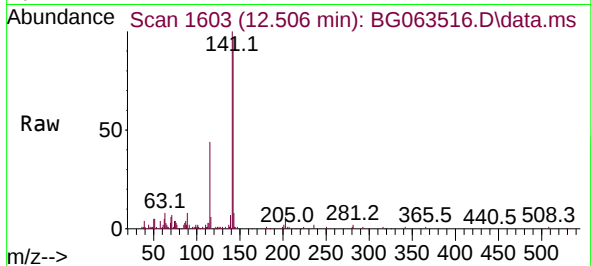
Tgt Ion:142 Resp: 67061
Ion Ratio Lower Upper
142 100
141 83.7 70.9 106.3





#37
1-Methylnaphthalene
Concen: 4.004 ng/ul
RT: 12.506 min Scan# 1603
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

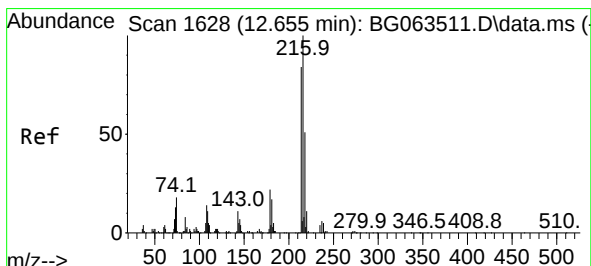
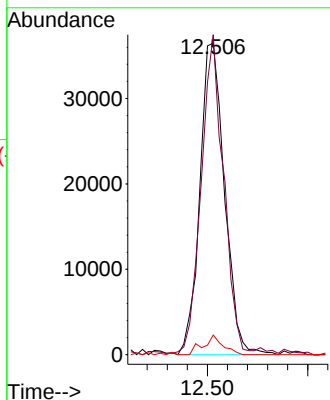
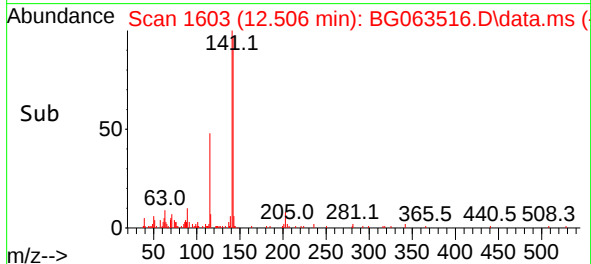
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:142 Resp: 62350
Ion Ratio Lower Upper
142 100
141 102.7 71.0 106.4
116 6.3 3.5 5.3

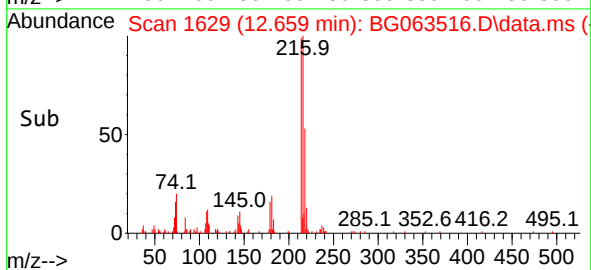
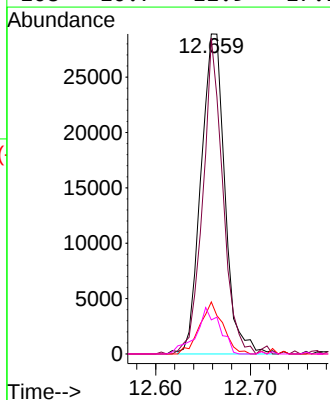
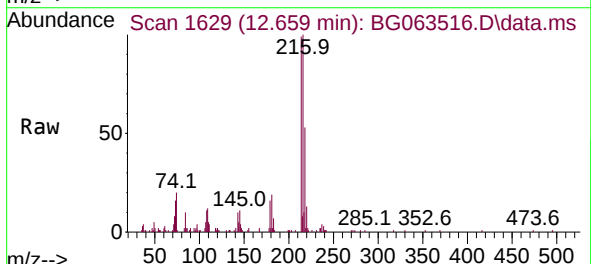
Manual Integrations
APPROVED

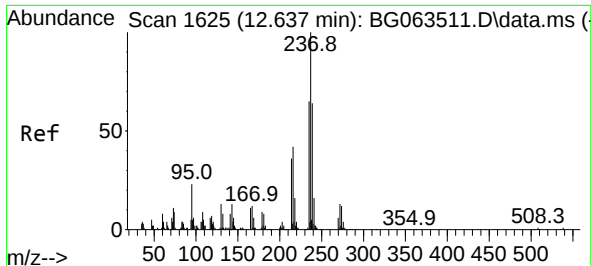
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.576 ng/ul
RT: 12.659 min Scan# 1629
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

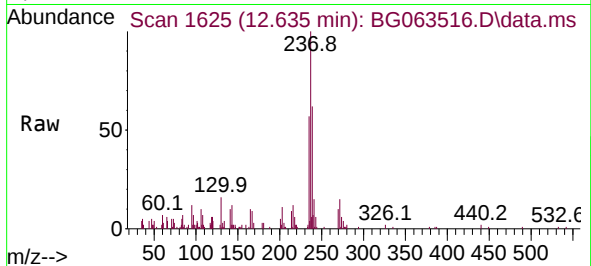
Tgt Ion:216 Resp: 50539
Ion Ratio Lower Upper
216 100
214 98.6 62.6 93.8#
179 16.3 14.9 22.3
108 10.7 11.9 17.9#





#40
Hexachlorocyclopentadiene
Concen: 5.127 ng/ul
RT: 12.635 min Scan# 1625
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

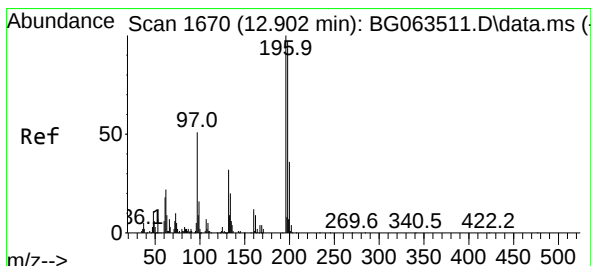
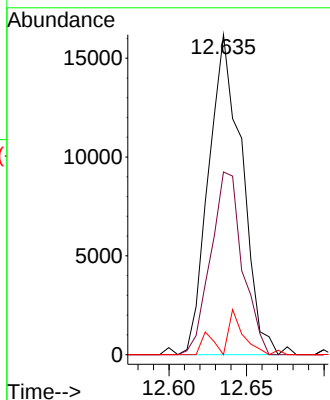
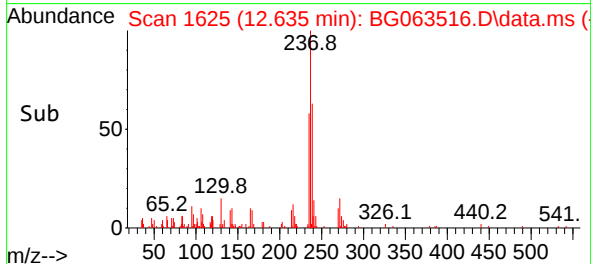
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08



Tgt Ion:237 Resp: 24149
Ion Ratio Lower Upper
237 100
235 60.6 47.2 70.8
272 1.0 9.3 13.9

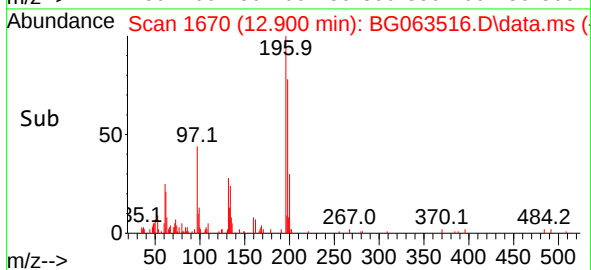
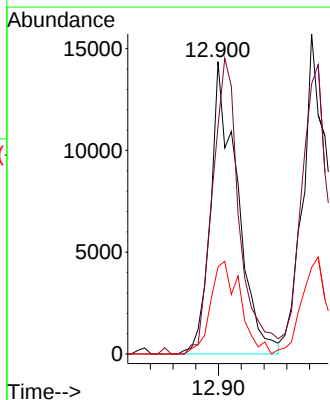
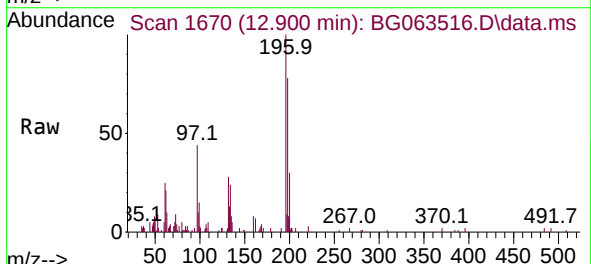
Manual Integrations
APPROVED

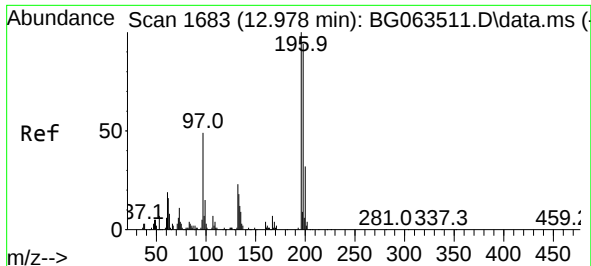
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#41
2,4,6-Trichlorophenol
Concen: 3.864 ng/ul
RT: 12.900 min Scan# 1670
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:196 Resp: 23417
Ion Ratio Lower Upper
196 100
198 78.0 81.5 122.3#
200 29.8 26.0 39.0





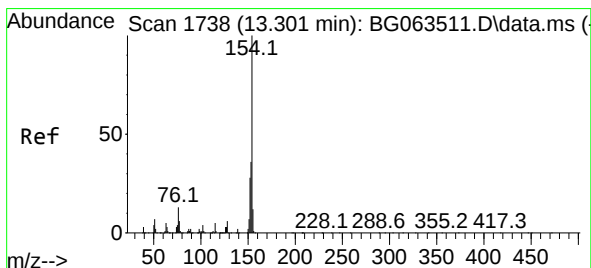
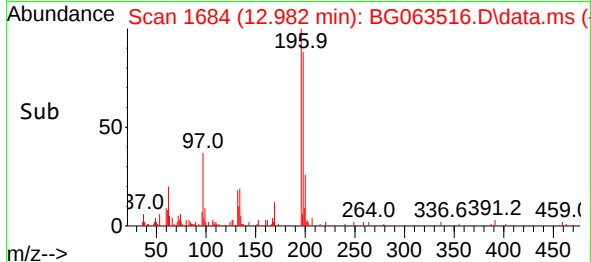
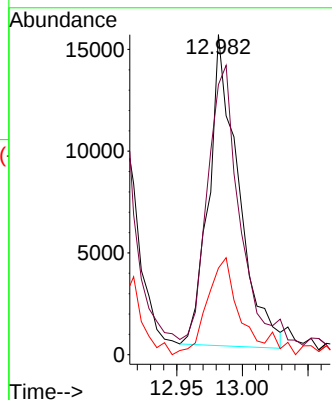
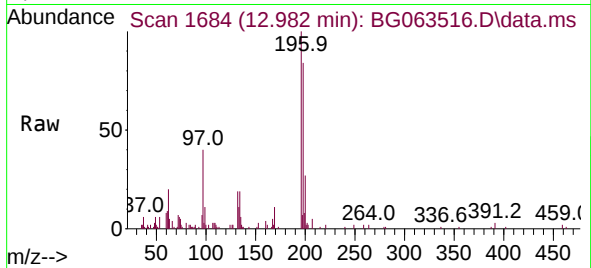
#42
2,4,5-Trichlorophenol
Concen: 3.841 ng/ul
RT: 12.982 min Scan# 1684
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion:196 Resp: 24019
Ion Ratio Lower Upper
196 100
198 84.4 74.8 112.2
200 27.0 23.5 35.3

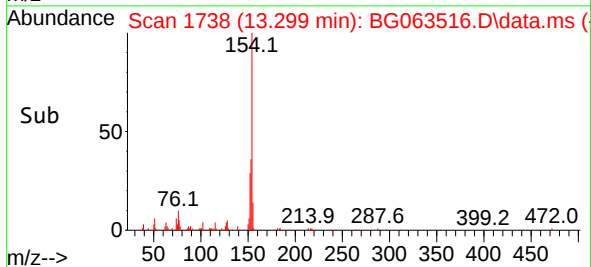
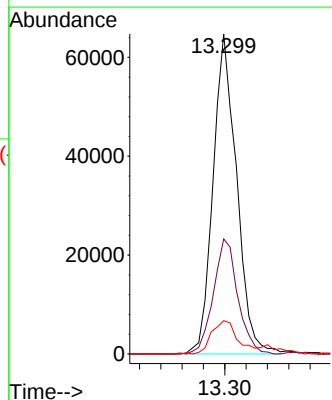
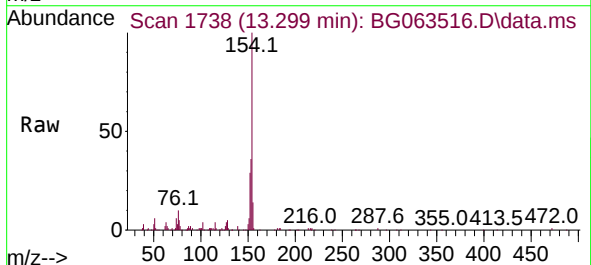
Manual Integrations
APPROVED

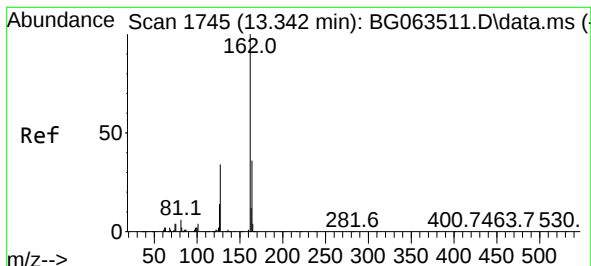
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#43
1,1'-Biphenyl
Concen: 4.750 ng/ul
RT: 13.299 min Scan# 1738
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:154 Resp: 99078
Ion Ratio Lower Upper
154 100
153 36.0 30.4 45.6
76 10.4 10.8 16.2#





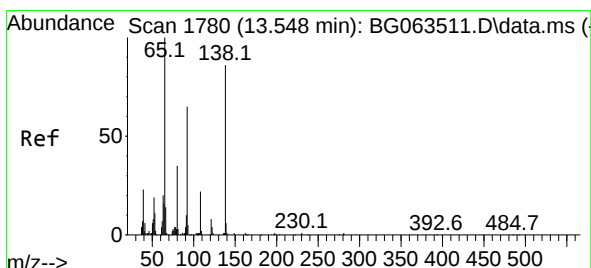
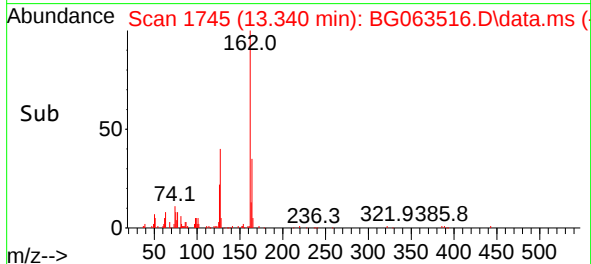
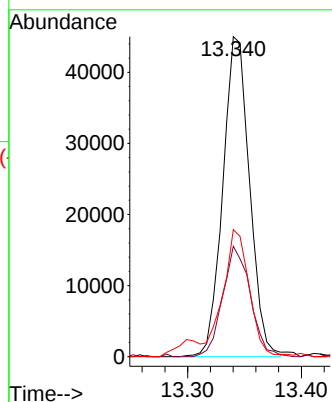
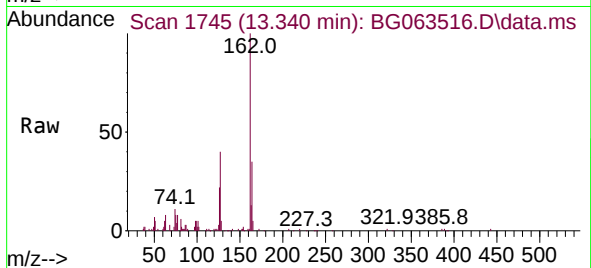
#44
2-Chloronaphthalene
Concen: 4.481 ng/ul
RT: 13.340 min Scan# 1745
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08

Tgt Ion:162 Resp: 7344
Ion Ratio Lower Upper
162 100
164 34.5 24.3 36.5
127 39.7 28.6 43.0

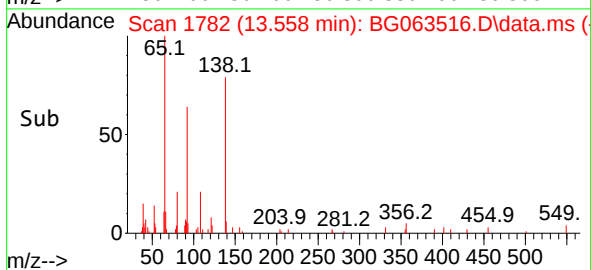
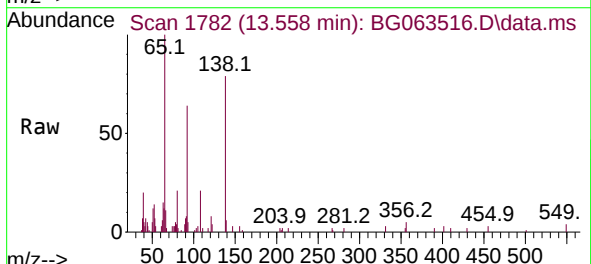
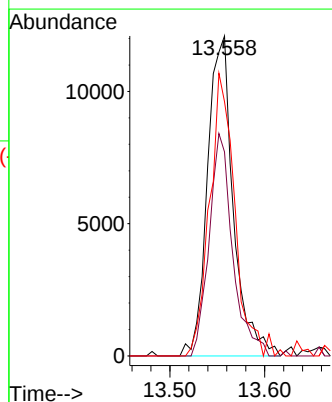
Manual Integrations
APPROVED

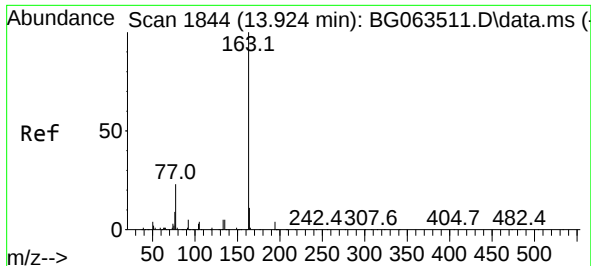
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#45
2-Nitroaniline
Concen: 4.426 ng/ul
RT: 13.558 min Scan# 1782
Delta R.T. 0.008 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

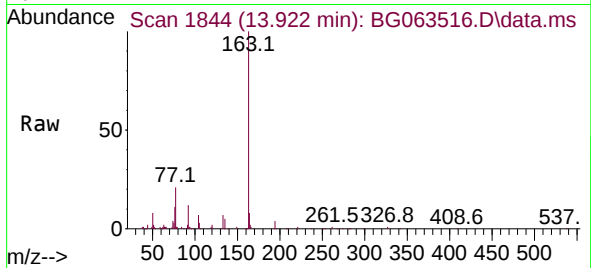
Tgt Ion: 65 Resp: 22861
Ion Ratio Lower Upper
65 100
92 63.7 53.0 79.6
138 79.5 73.1 109.7





#47
Dimethylphthalate
Concen: 4.762 ng/ul
RT: 13.922 min Scan# 1844
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

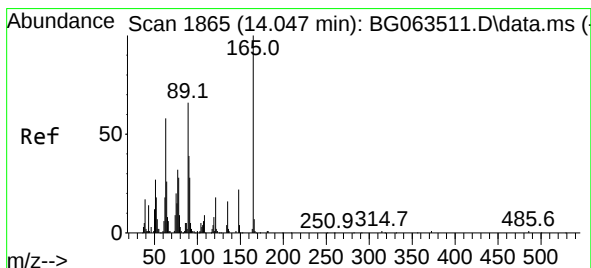
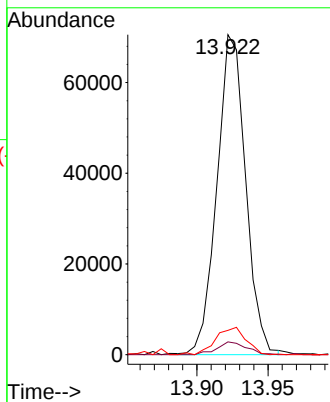
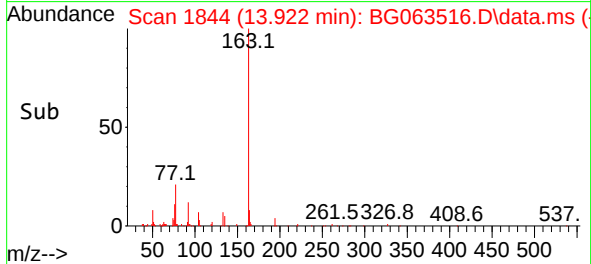
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08



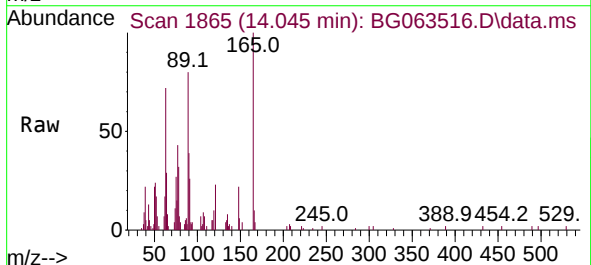
Tgt Ion:163 Resp: 9897
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 7.6 8.7 13.1

Manual Integrations
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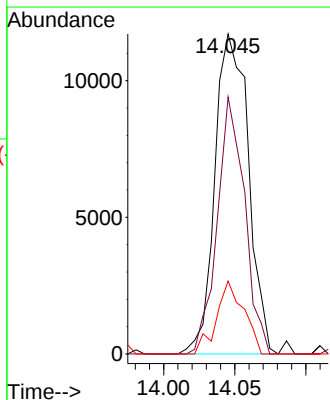
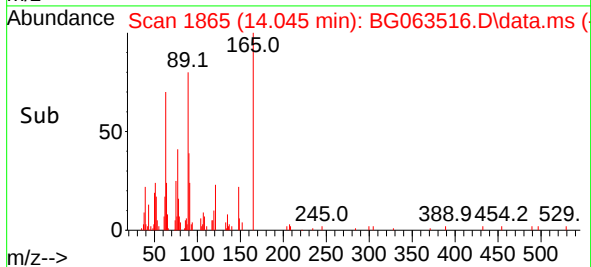
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

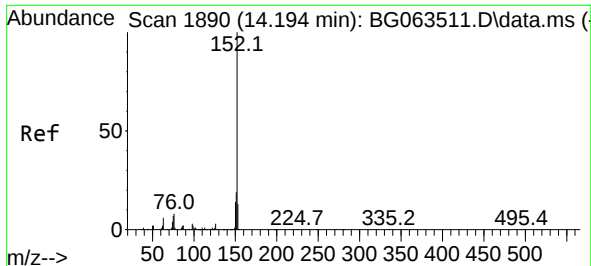


#48
2,6-Dinitrotoluene
Concen: 4.550 ng/ul
RT: 14.045 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25



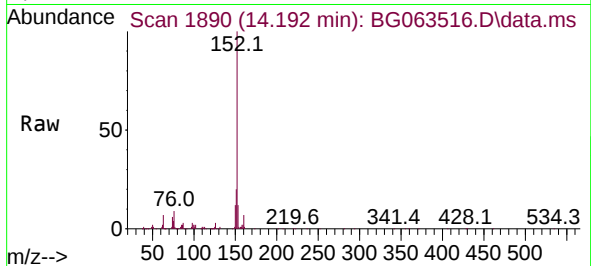
Tgt Ion:165 Resp: 19186
Ion Ratio Lower Upper
165 100
89 80.3 45.1 67.7#
121 22.8 15.8 23.6





#50
Acenaphthylene
Concen: 4.737 ng/ul
RT: 14.192 min Scan# 1890
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

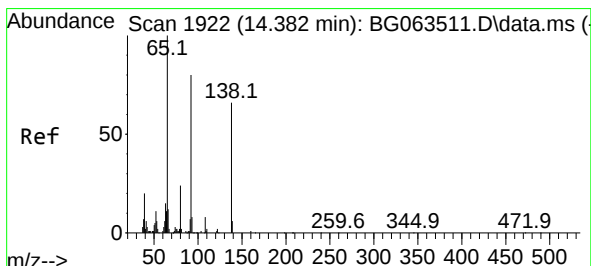
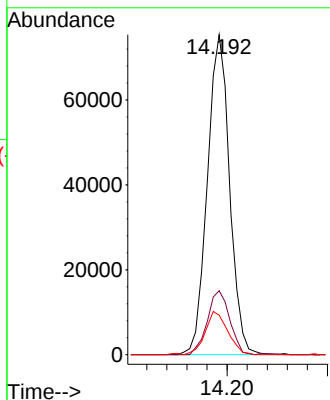
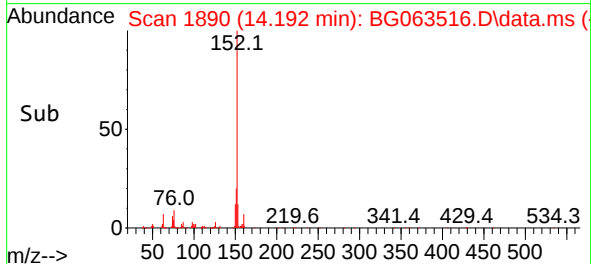
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:152 Resp: 115850
Ion Ratio Lower Upper
152 100
151 20.0 14.5 21.7
153 12.4 10.6 16.0

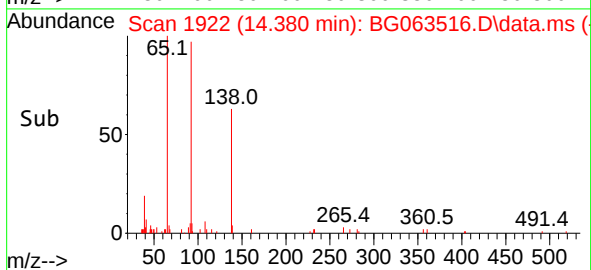
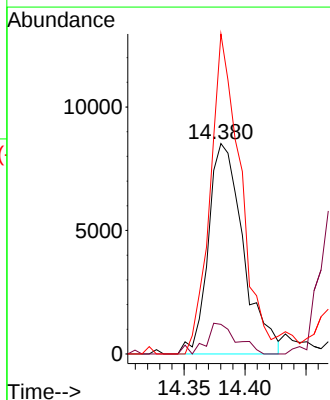
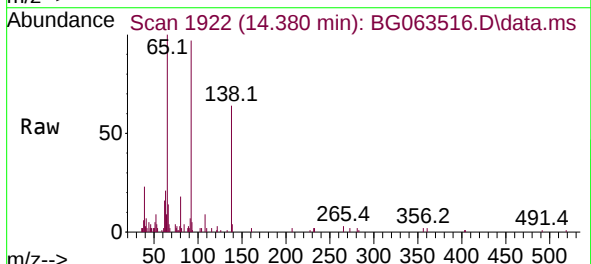
Manual Integrations
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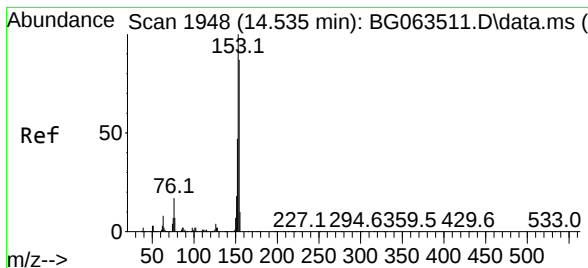
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#51
3-Nitroaniline
Concen: 4.379 ng/ul
RT: 14.380 min Scan# 1922
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

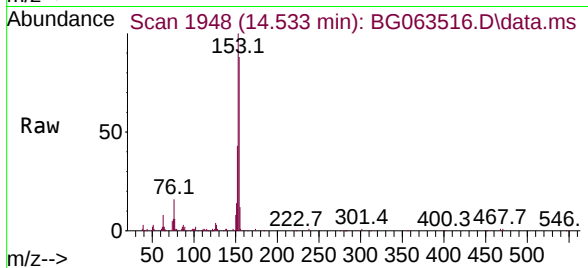
Tgt Ion:138 Resp: 16912
Ion Ratio Lower Upper
138 100
108 14.1 7.9 11.9#
92 152.1 104.5 156.7





#52
Acenaphthene
Concen: 4.663 ng/ul
RT: 14.533 min Scan# 1948
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

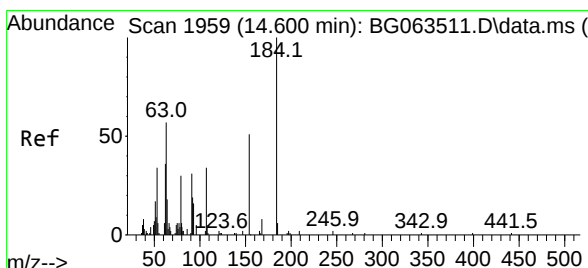
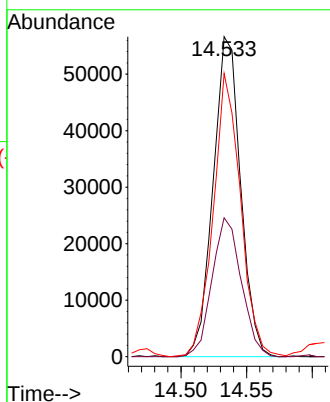
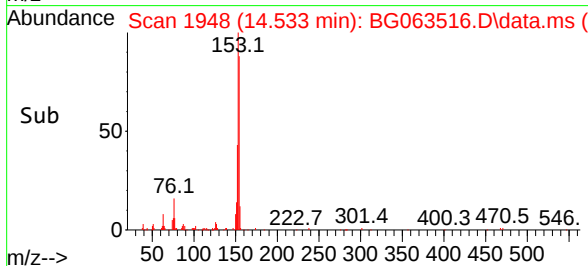
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08



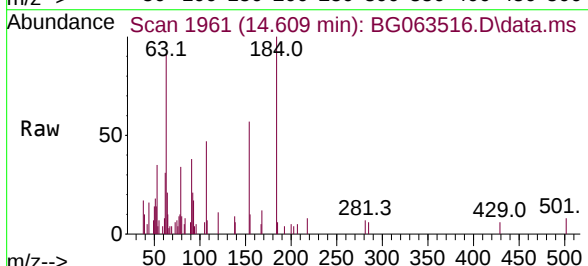
Tgt Ion:153 Resp: 8236
Ion Ratio Lower Upper
153 100
152 43.4 35.4 53.0
154 88.5 69.5 104.3

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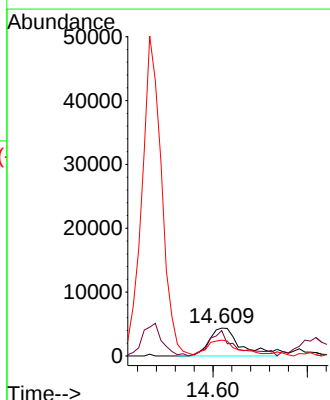
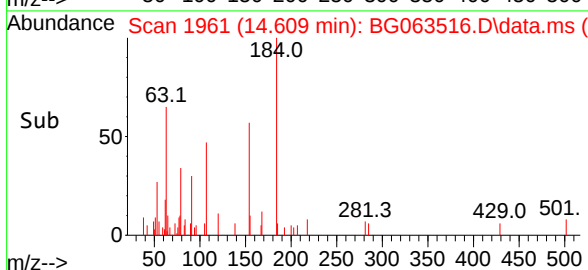
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

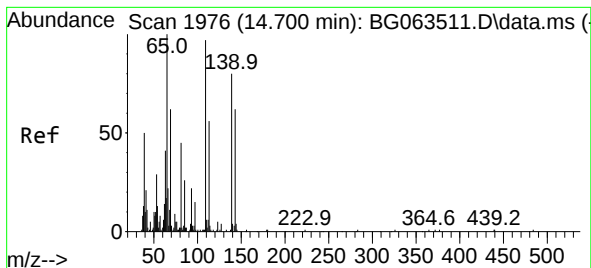


#53
2,4-Dinitrophenol
Concen: 4.782 ng/ul m
RT: 14.609 min Scan# 1961
Delta R.T. 0.014 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25



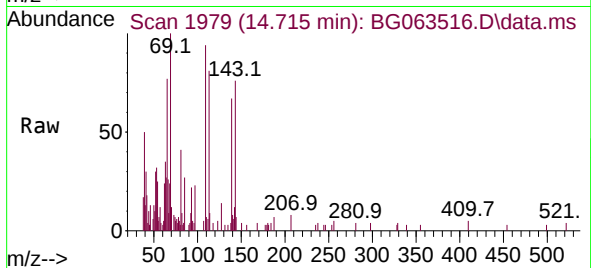
Tgt Ion:184 Resp: 10354
Ion Ratio Lower Upper
184 100
63 91.4 54.6 82.0#
154 56.9 54.6 82.0





#55
4-Nitrophenol
Concen: 4.189 ng/ul m
RT: 14.715 min Scan# 1976
Delta R.T. 0.014 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

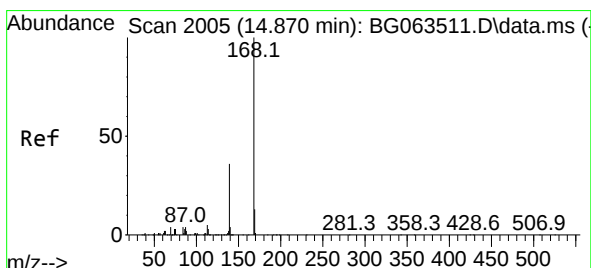
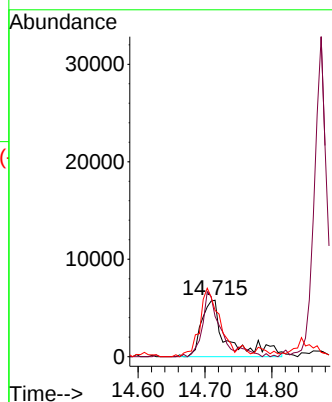
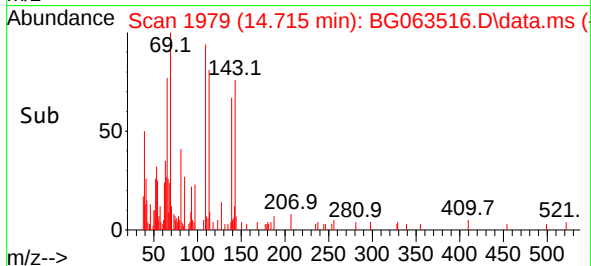
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:109 Resp: 15432
Ion Ratio Lower Upper
109 100
139 71.5 63.3 94.9
65 81.9 92.9 139.3

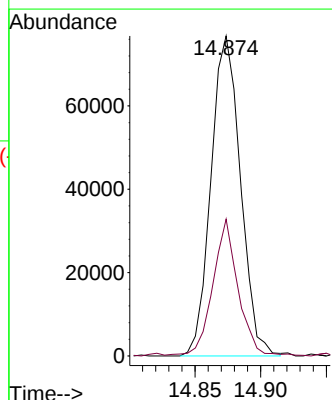
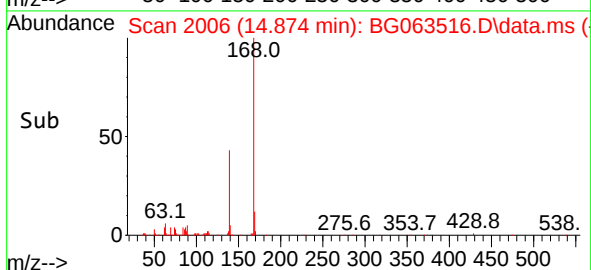
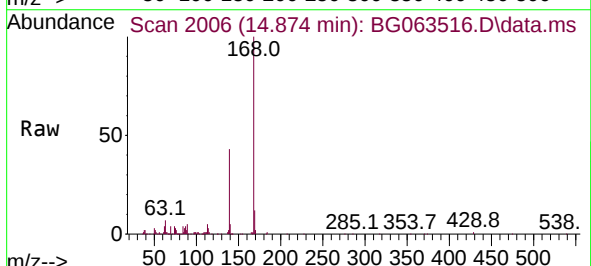
Manual Integrations
APPROVED

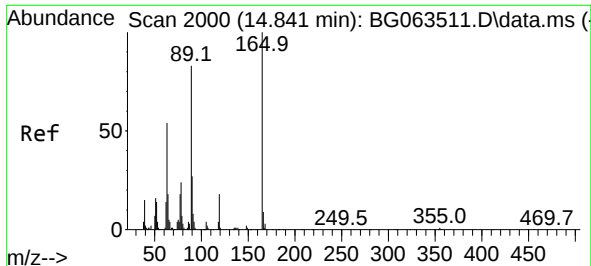
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#56
Dibenzofuran
Concen: 4.737 ng/ul
RT: 14.874 min Scan# 2006
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:168 Resp: 120066
Ion Ratio Lower Upper
168 100
139 42.8 30.0 45.0





#57

2,4-Dinitrotoluene

Concen: 4.687 ng/ul

RT: 14.844 min Scan# 2000

Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

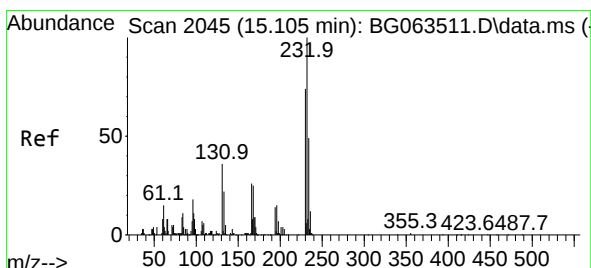
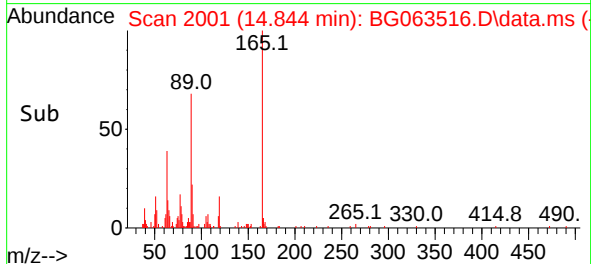
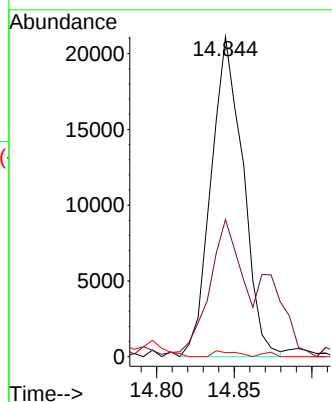
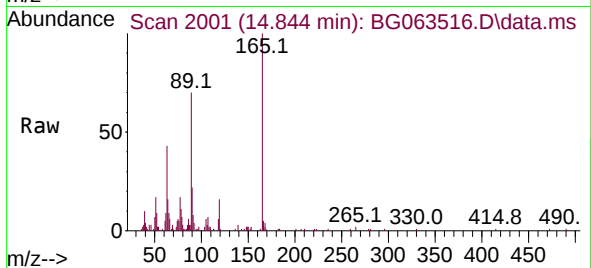
MDL-SOIL-QT4-2024-08

Tgt Ion:165 Resp: 30245
 Ion Ratio Lower Upper
 165 100
 63 42.9 40.0 60.0
 182 1.2 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.889 ng/ul

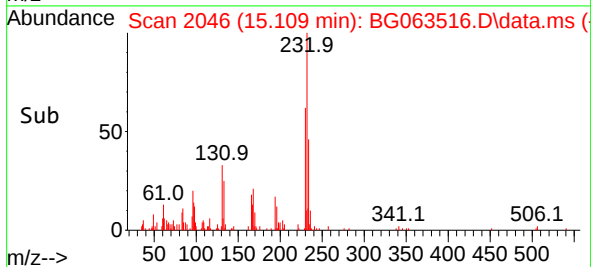
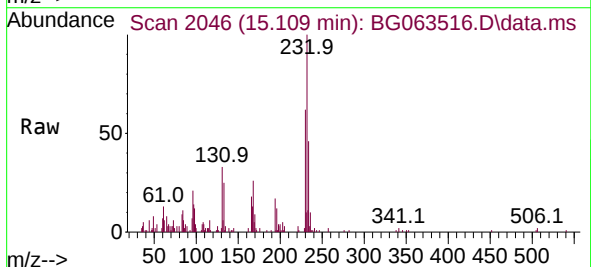
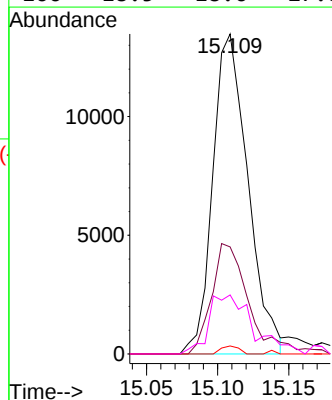
RT: 15.109 min Scan# 2046

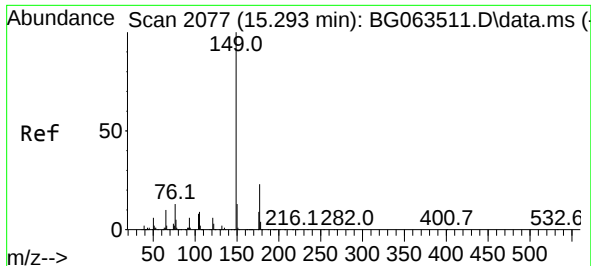
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:232 Resp: 23110
 Ion Ratio Lower Upper
 232 100
 131 33.4 23.1 34.7
 130 2.5 1.8 2.8
 166 18.5 18.6 27.8





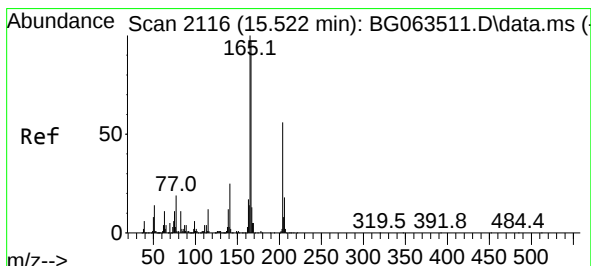
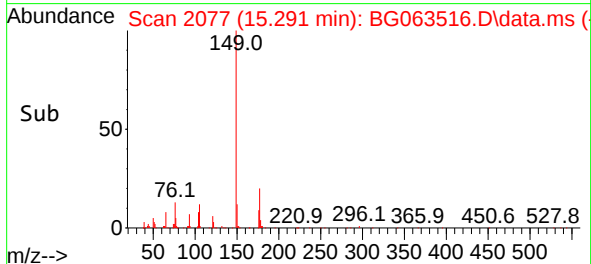
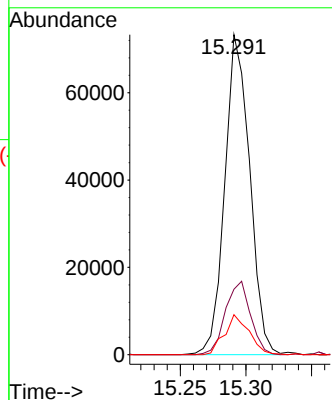
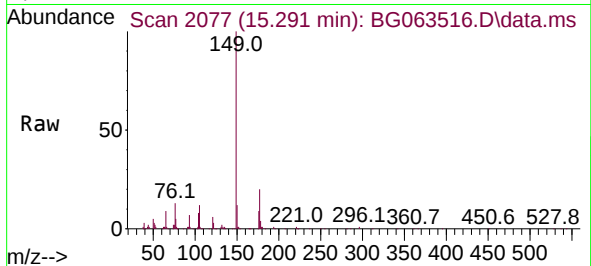
#59
Diethylphthalate
Concen: 4.608 ng/ul
RT: 15.291 min Scan# 2077
Delta R.T. -0.004 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08

Tgt Ion:149 Resp: 96740
Ion Ratio Lower Upper
149 100
177 20.5 18.4 27.6
150 12.5 9.0 13.6

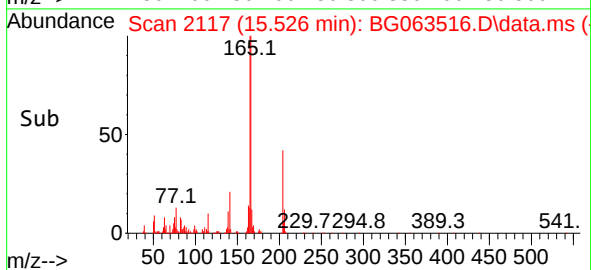
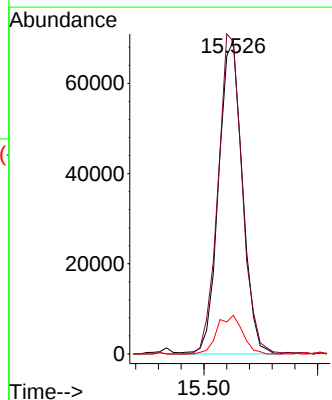
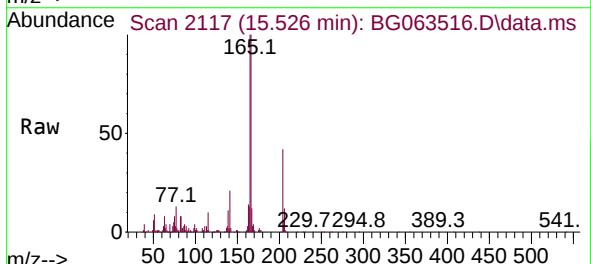
Manual Integrations
APPROVED

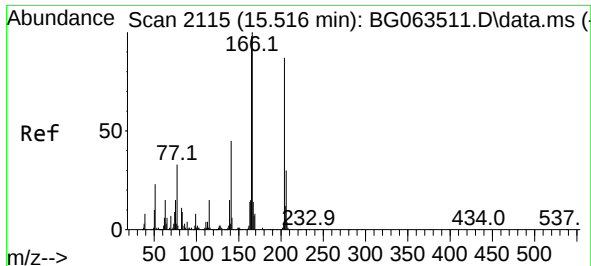
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#61
Fluorene
Concen: 4.672 ng/ul
RT: 15.526 min Scan# 2117
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

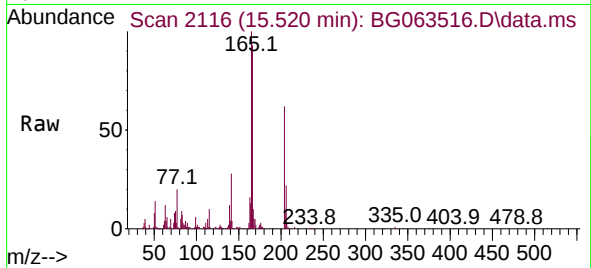
Tgt Ion:166 Resp: 100799
Ion Ratio Lower Upper
166 100
165 99.8 82.3 123.5
167 12.4 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.793 ng/ul
RT: 15.520 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

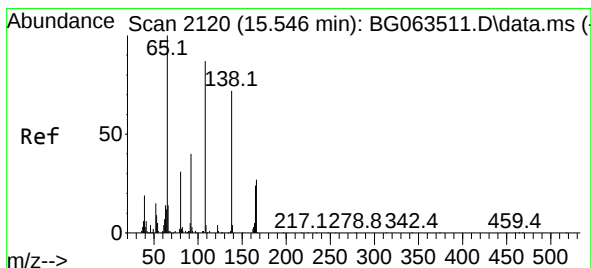
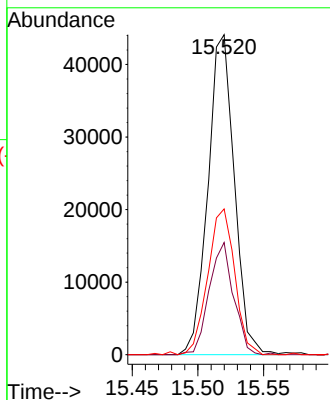
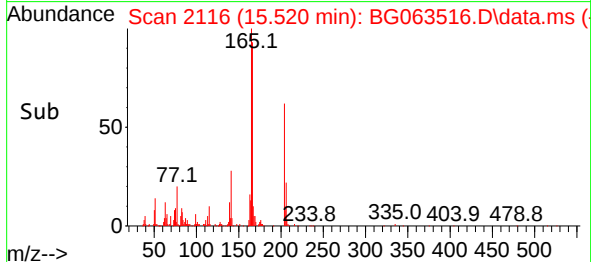
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:204 Resp: 61690
Ion Ratio Lower Upper
204 100
206 35.0 24.5 36.7
141 45.6 39.2 58.8

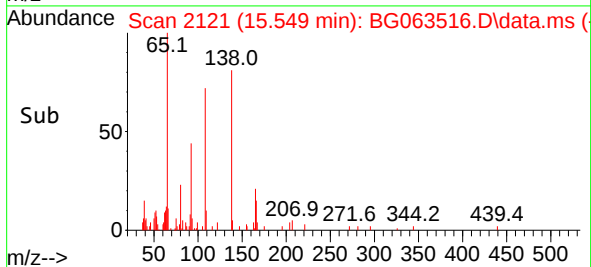
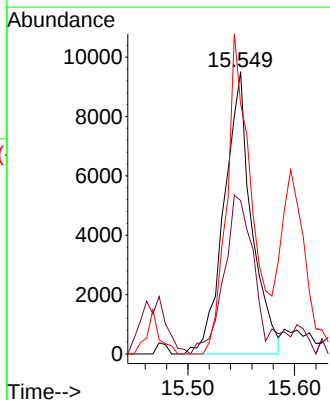
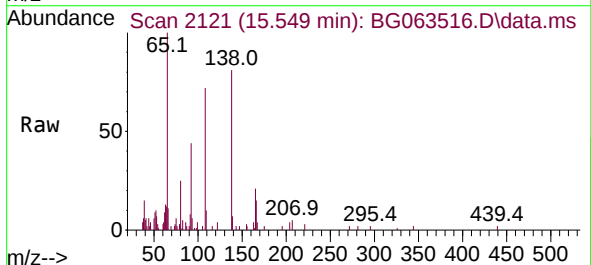
Manual Integrations
APPROVED

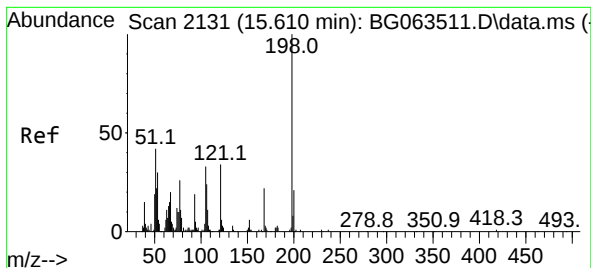
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#63
4-Nitroaniline
Concen: 4.291 ng/ul
RT: 15.549 min Scan# 2121
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

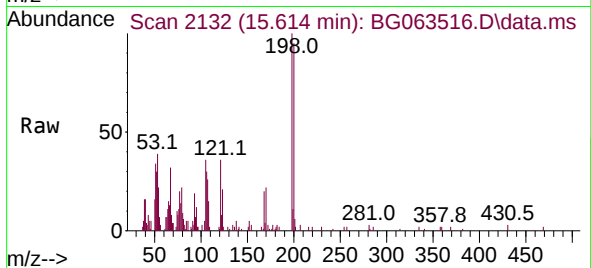
Tgt Ion:138 Resp: 16967
Ion Ratio Lower Upper
138 100
92 54.4 44.9 67.3
108 88.6 99.8 149.8#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.348 ng/ul
RT: 15.614 min Scan# 2131
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

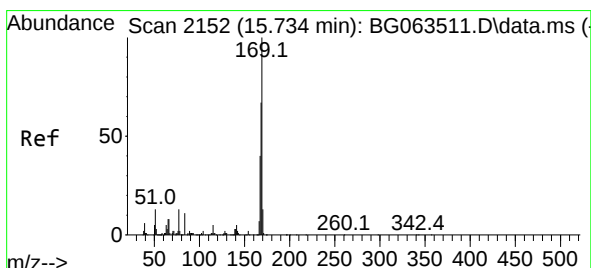
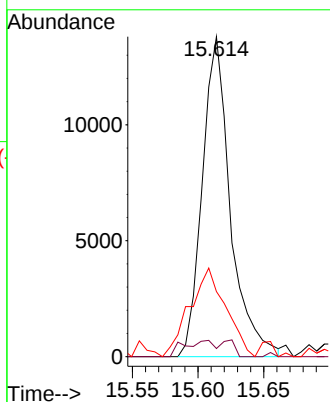
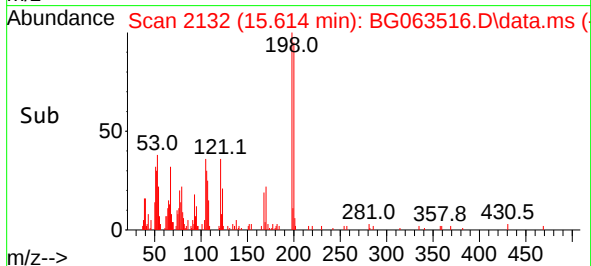
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



Tgt Ion:198 Resp: 20510
Ion Ratio Lower Upper
198 100
182 2.6 1.7 2.5
77 20.3 18.7 28.1

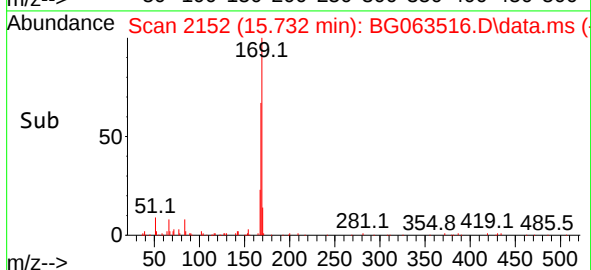
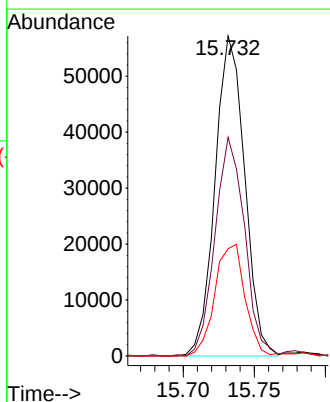
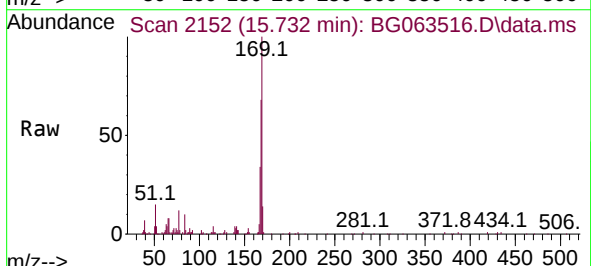
Manual Integrations
APPROVED

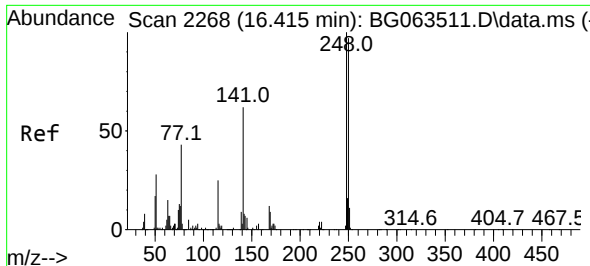
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#67
N-Nitrosodiphenylamine
Concen: 4.443 ng/ul
RT: 15.732 min Scan# 2152
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

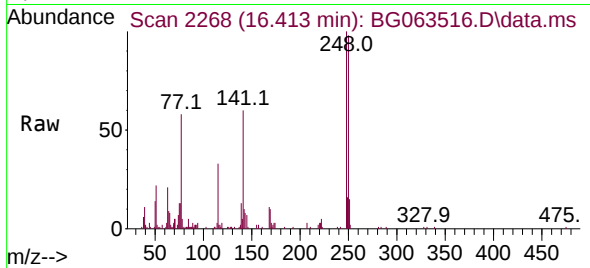
Tgt Ion:169 Resp: 82854
Ion Ratio Lower Upper
169 100
168 68.3 51.9 77.9
167 33.5 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 4.412 ng/ul
RT: 16.413 min Scan# 2268
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

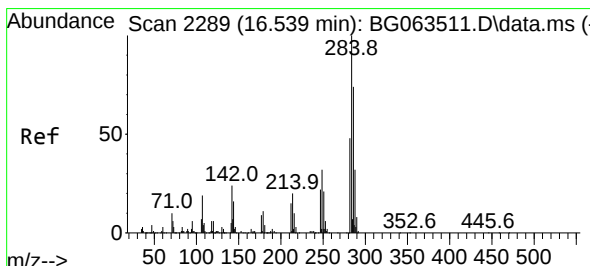
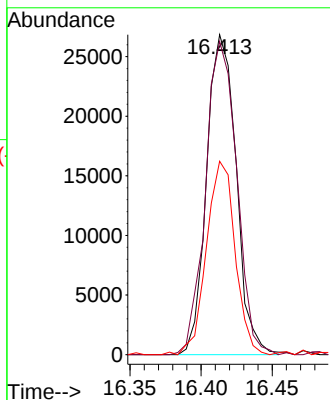
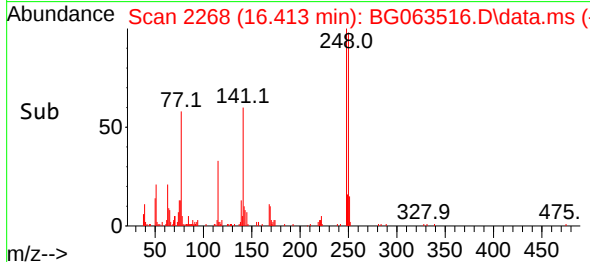
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



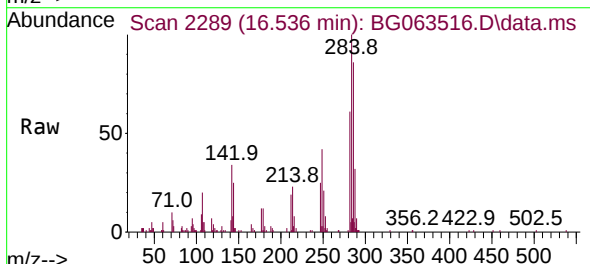
Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	75.1	112.7
141	60.4	44.7	67.1

Manual Integrations
APPROVED

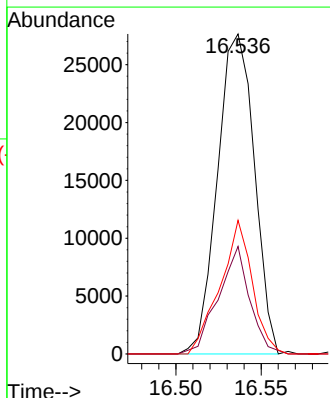
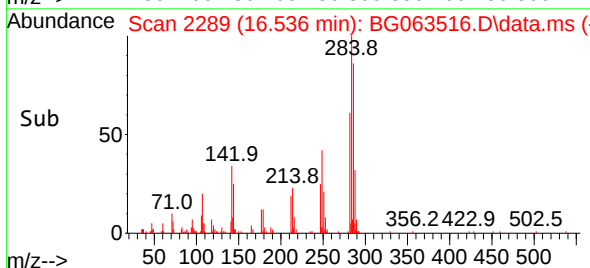
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

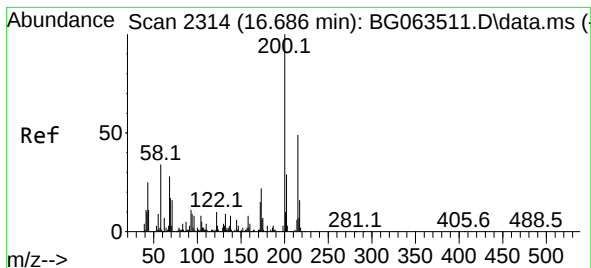


#69
Hexachlorobenzene
Concen: 4.507 ng/ul
RT: 16.536 min Scan# 2289
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25



Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	21.8	32.8#
249	44.5	32.6	48.8





#70

Atrazine

Concen: 4.793 ng/ul

RT: 16.683 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

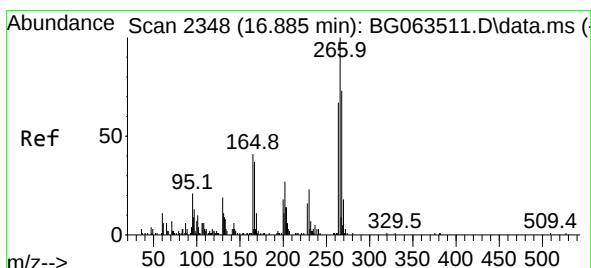
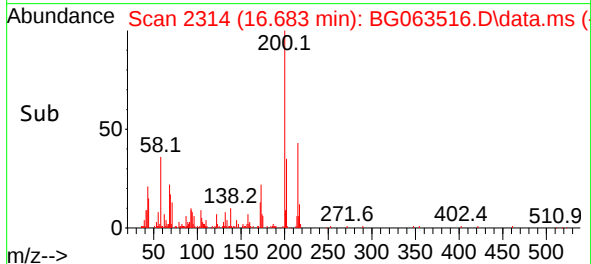
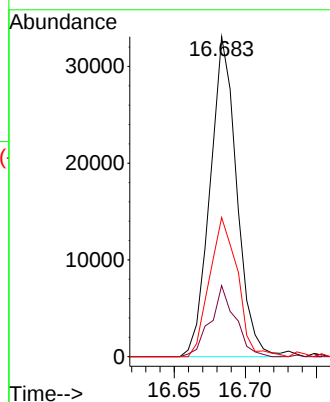
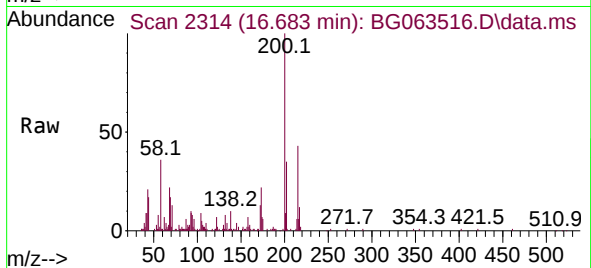
MDL-SOIL-QT4-2024-08

Tgt Ion:	200	Resp:	4318
Ion Ratio	Lower	Upper	
200	100		
173	22.2	17.2	25.8
215	43.5	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#71

Pentachlorophenol

Concen: 4.328 ng/ul m

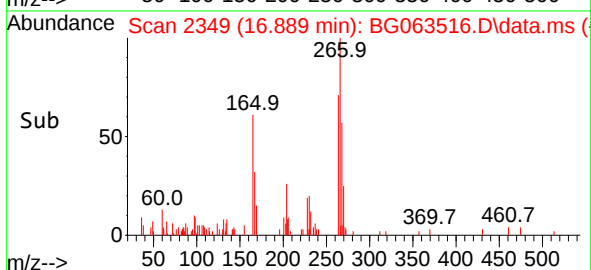
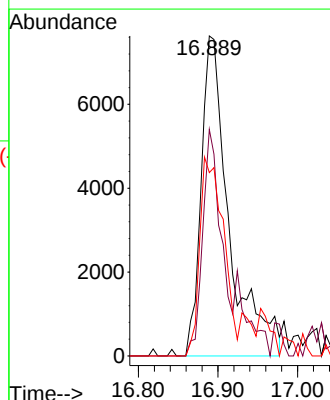
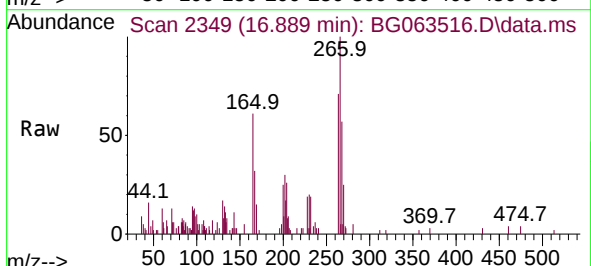
RT: 16.889 min Scan# 2349

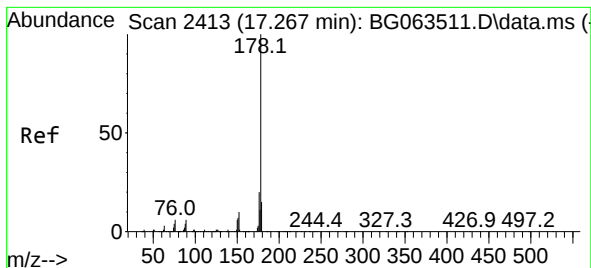
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:	266	Resp:	18676
Ion Ratio	Lower	Upper	
266	100		
264	70.8	43.6	65.4
268	57.3	51.4	77.0





#72

Phenanthrene

Concen: 4.572 ng/ul

RT: 17.265 min Scan# 2413

Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

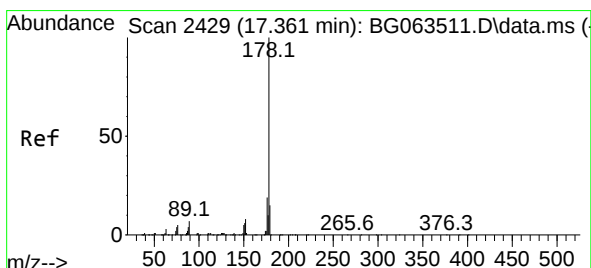
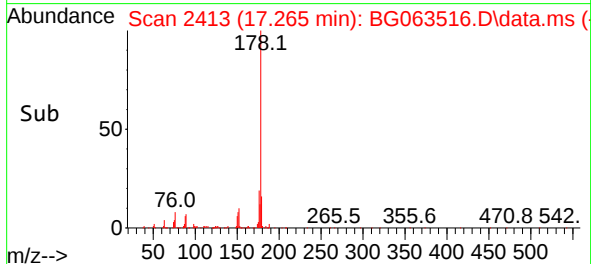
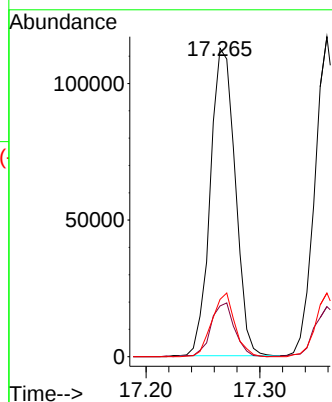
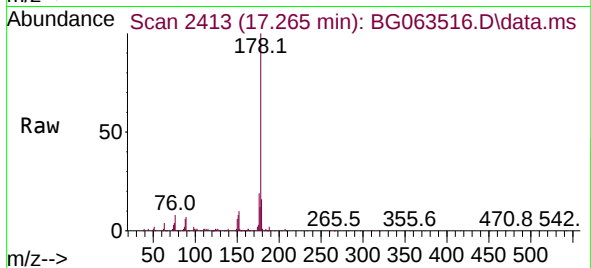
MDL-SOIL-QT4-2024-08

Tgt Ion:178	Resp: 17120
Ion Ratio	Lower Upper
178 100	
179 16.5	11.4 17.0
176 18.6	14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#74

Anthracene

Concen: 4.509 ng/ul

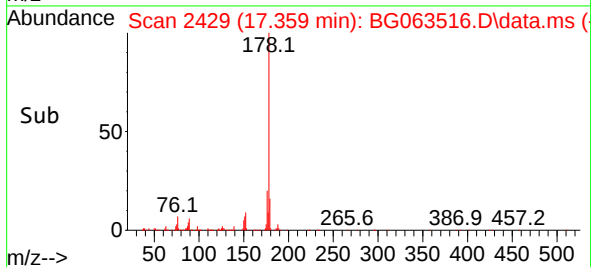
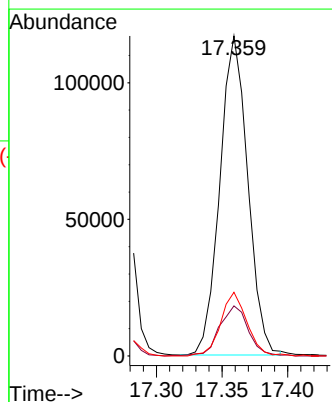
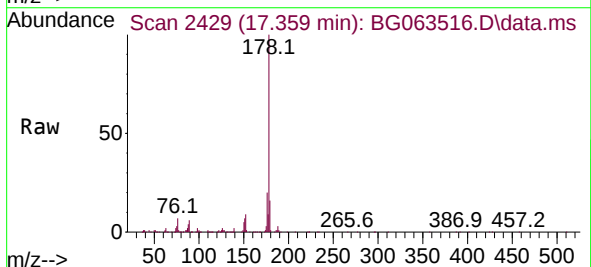
RT: 17.359 min Scan# 2429

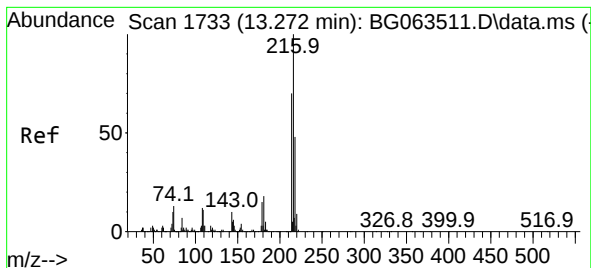
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:178	Resp: 172391
Ion Ratio	Lower Upper
178 100	
179 15.7	12.2 18.2
176 19.9	13.8 20.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.940 ng/ul

RT: 13.264 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

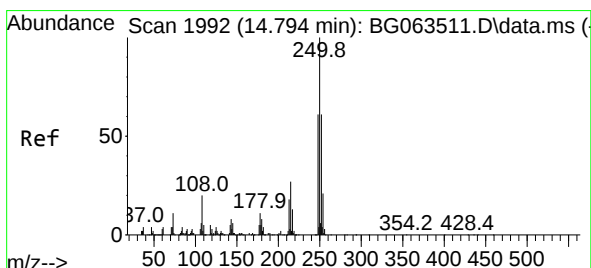
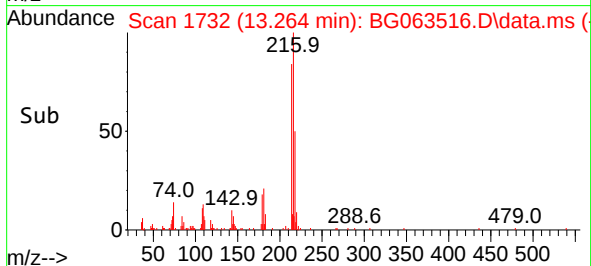
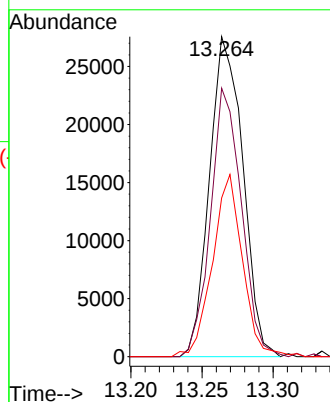
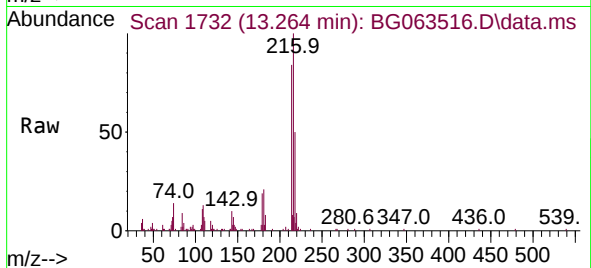
MDL-SOIL-QT4-2024-08

Tgt Ion:	216	Resp:	4503
Ion Ratio	Lower	Upper	
216	100		
214	83.9	69.0	103.4
218	49.6	40.9	61.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#76

Pentachlorobenzene

Concen: 4.171 ng/ul

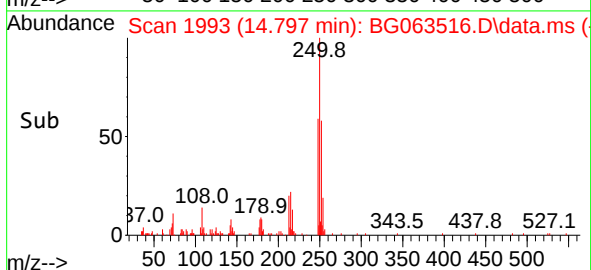
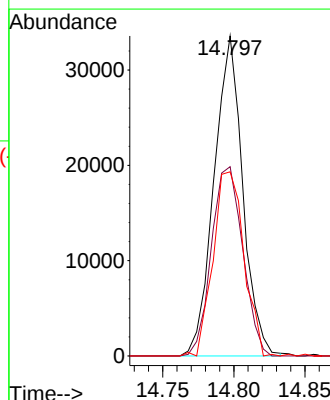
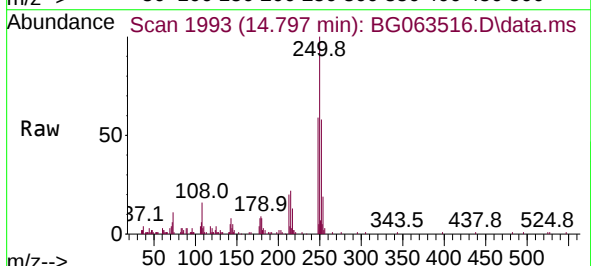
RT: 14.797 min Scan# 1993

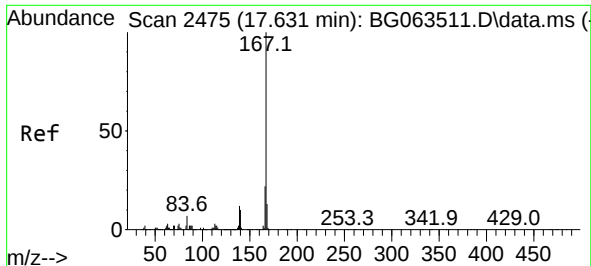
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

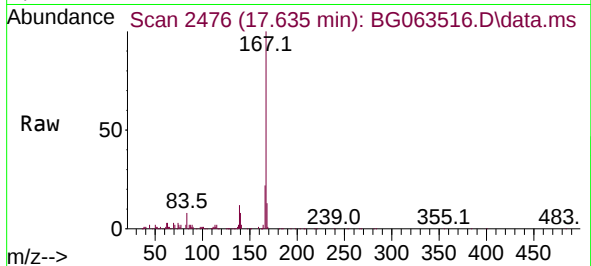
Tgt Ion:	250	Resp:	47075
Ion Ratio	Lower	Upper	
250	100		
248	59.2	49.2	73.8
252	57.5	47.2	70.8





#77
 Carbazole
 Concen: 4.604 ng/ul
 RT: 17.635 min Scan# 2475
 Delta R.T. 0.008 min
 Lab File: BG063516.D
 Acq: 22 Nov 2024 12:25

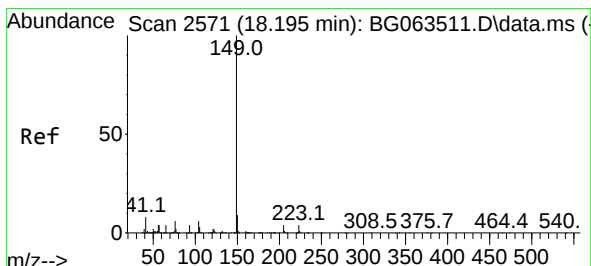
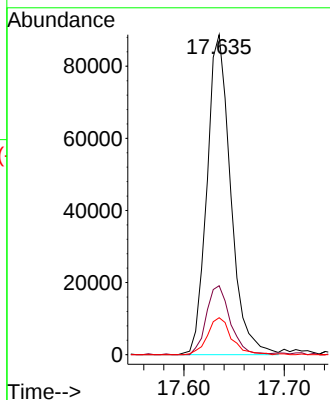
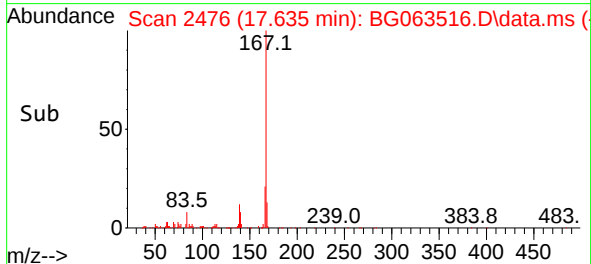
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT4-2024-08



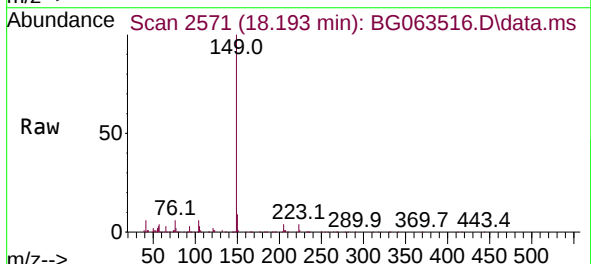
Tgt Ion:167 Resp: 146050
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.0 27.0
 139 11.6 9.5 14.3

Manual Integrations
 APPROVED

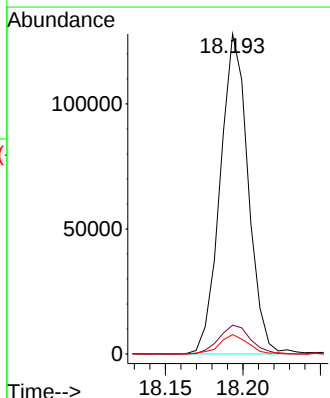
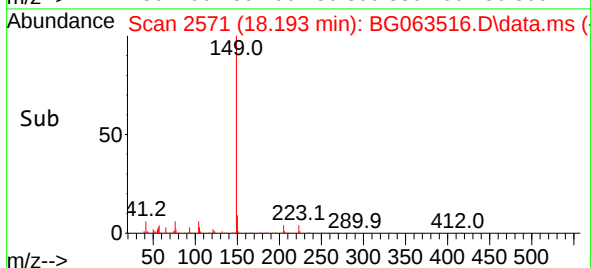
Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024

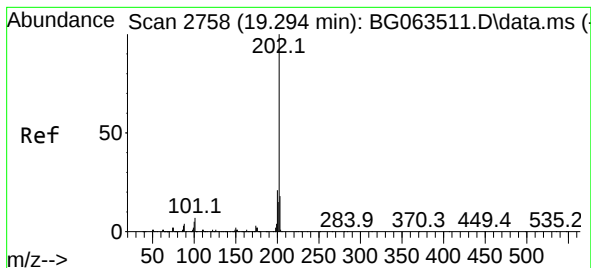


#78
 Di-n-butylphthalate
 Concen: 4.391 ng/ul
 RT: 18.193 min Scan# 2571
 Delta R.T. 0.002 min
 Lab File: BG063516.D
 Acq: 22 Nov 2024 12:25



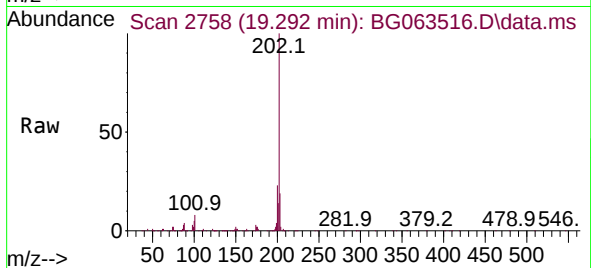
Tgt Ion:149 Resp: 159674
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.0 4.7 7.1





#80
Fluoranthene
Concen: 4.505 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

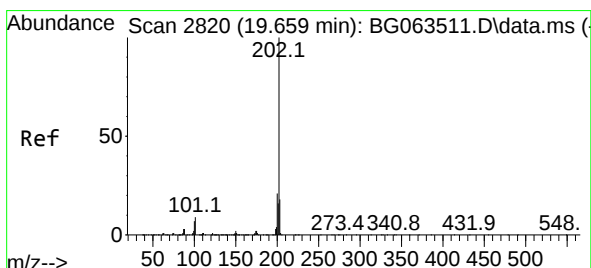
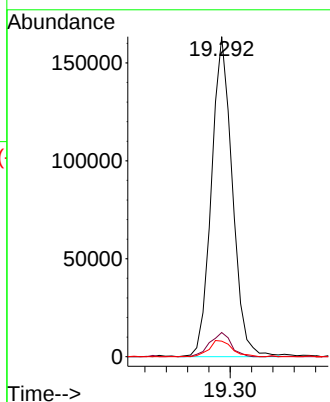
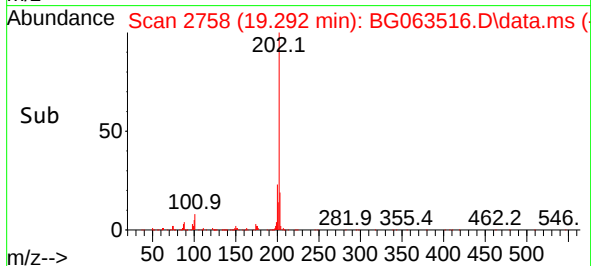
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08



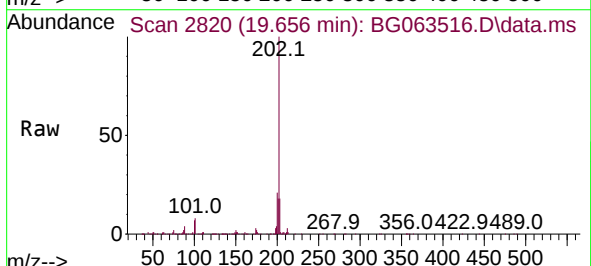
Tgt Ion:202 Resp: 222124
Ion Ratio Lower Upper
202 100
101 7.5 5.7 8.5
100 4.8 4.3 6.5

Manual Integrations
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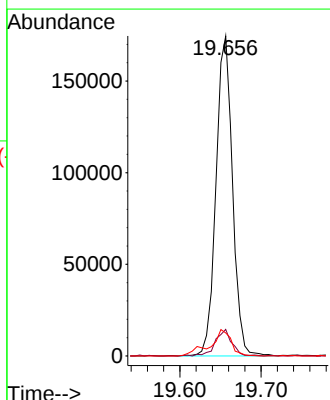
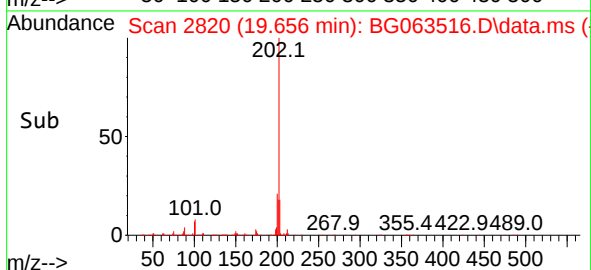
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024

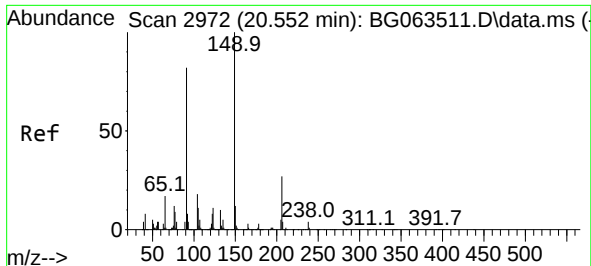


#82
Pyrene
Concen: 4.669 ng/u1
RT: 19.656 min Scan# 2820
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25



Tgt Ion:202 Resp: 246671
Ion Ratio Lower Upper
202 100
101 8.3 6.2 9.2
100 7.2 6.2 9.2





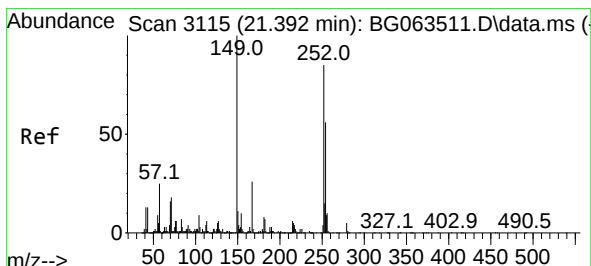
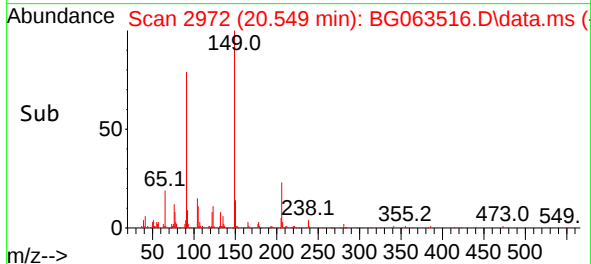
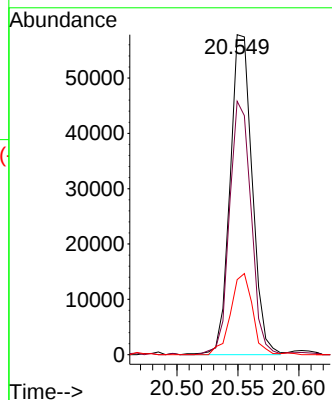
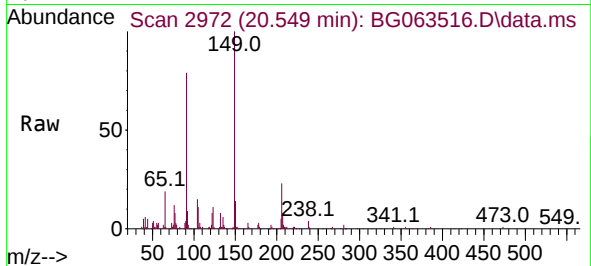
#83
Butylbenzylphthalate
Concen: 4.271 ng/ul
RT: 20.549 min Scan# 2972
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion:	149	Resp:	73220
Ion Ratio	Lower	Upper	
149	100		
91	79.2	63.0	94.4
206	23.5	19.4	29.2

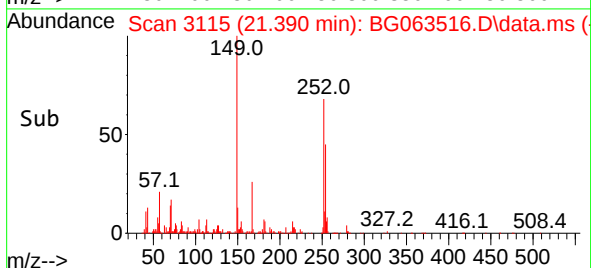
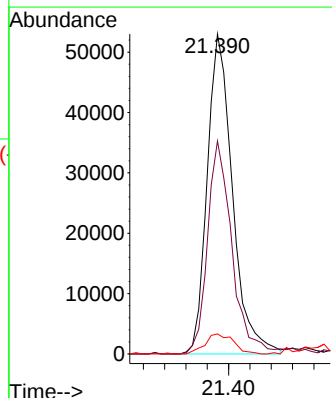
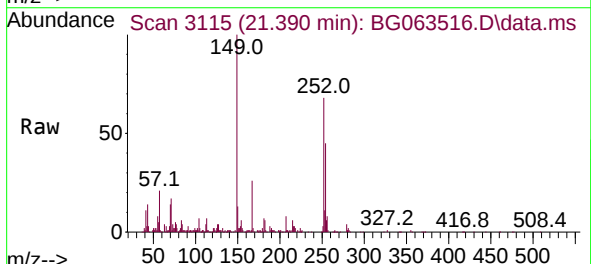
Manual Integrations
APPROVED

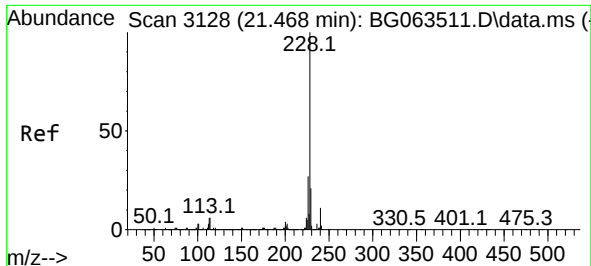
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#84
3,3'-Dichlorobenzidine
Concen: 4.563 ng/ul
RT: 21.390 min Scan# 3115
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:	252	Resp:	87202
Ion Ratio	Lower	Upper	
252	100		
254	66.5	51.8	77.8
126	6.3	5.5	8.3





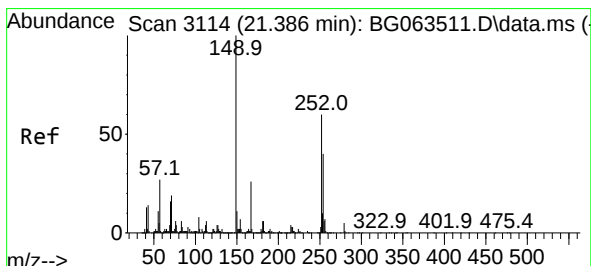
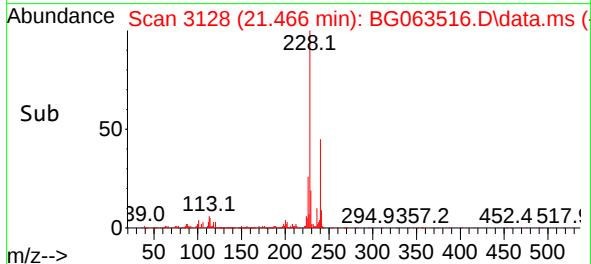
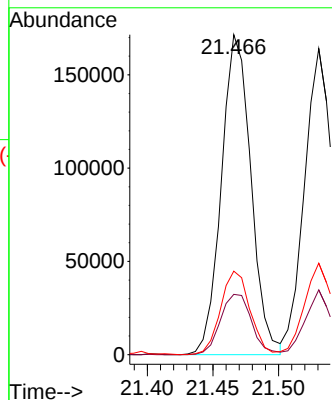
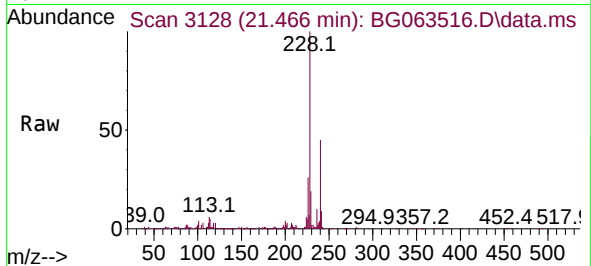
#85
Benzo(a)anthracene
Concen: 4.678 ng/ul
RT: 21.466 min Scan# 3128
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT4-2024-08

Tgt Ion:	228	Resp:	269064
Ion Ratio	Lower	Upper	
228	100		
229	18.9	15.8	23.6
226	26.1	21.8	32.6

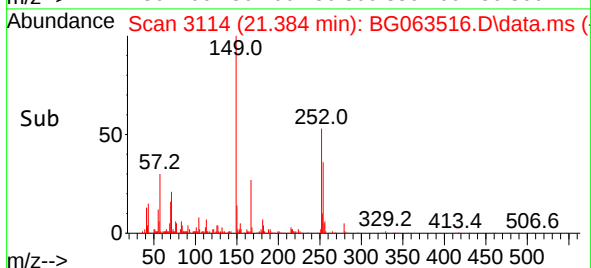
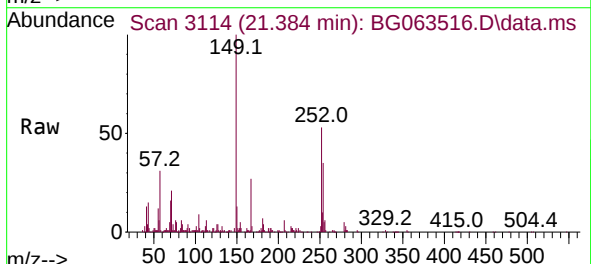
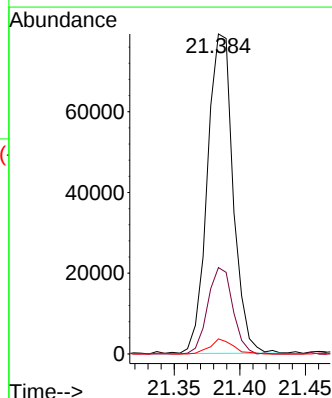
Manual Integrations
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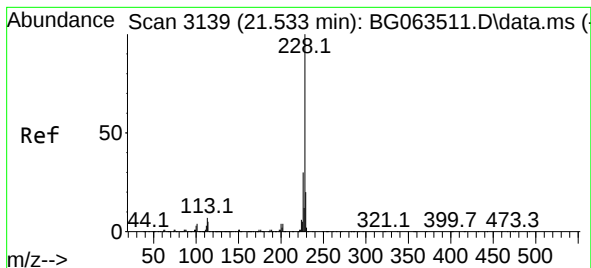
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.326 ng/ul
RT: 21.384 min Scan# 3114
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:	149	Resp:	107812
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.8	32.8
279	4.7	3.8	5.8





#87

Chrysene

Concen: 4.673 ng/ul

RT: 21.531 min Scan# 3139

Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

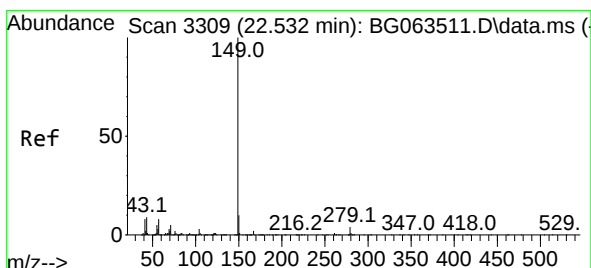
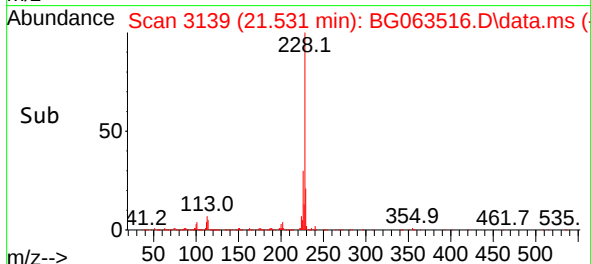
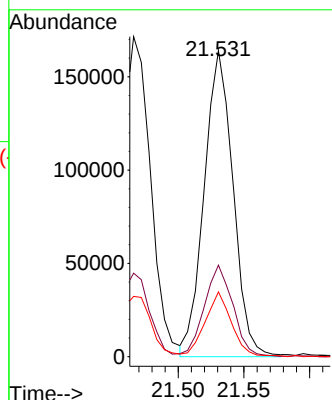
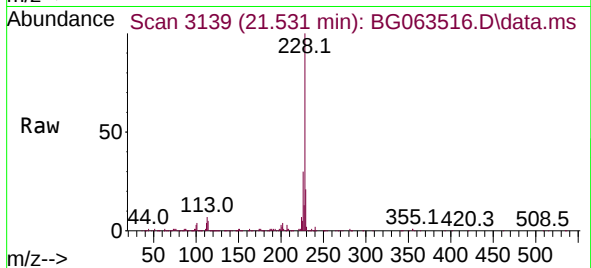
MDL-SOIL-QT4-2024-08

Tgt Ion:	228	Resp:	251340
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.2
229	21.2	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#89

Di-n-octyl phthalate

Concen: 4.391 ng/ul

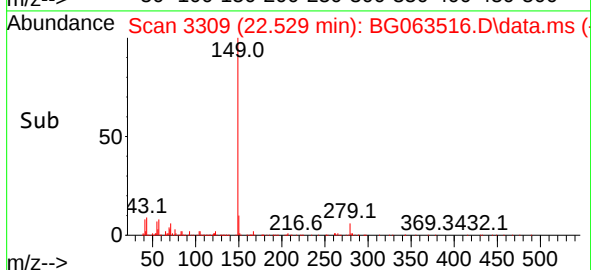
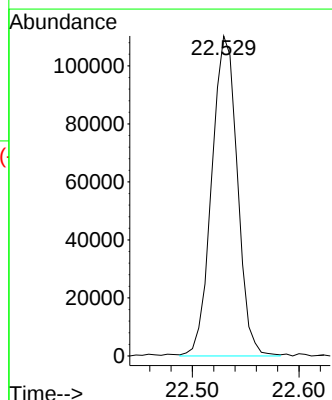
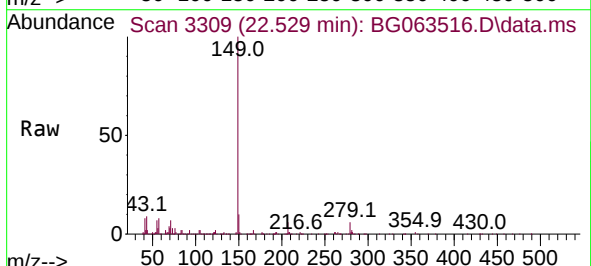
RT: 22.529 min Scan# 3309

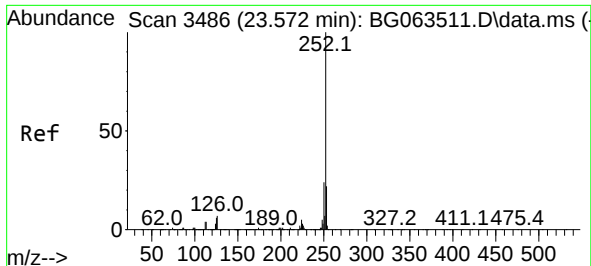
Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:149 Resp: 184221





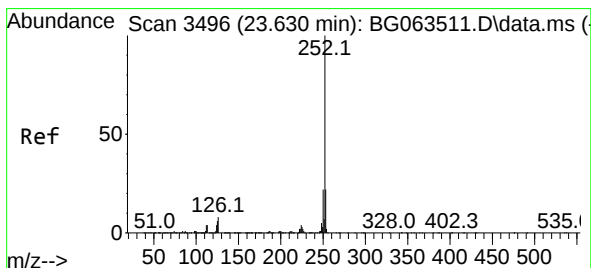
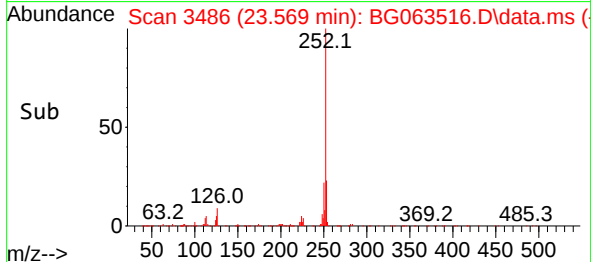
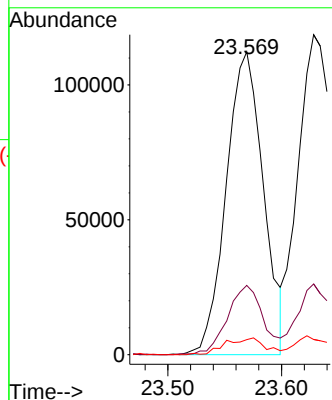
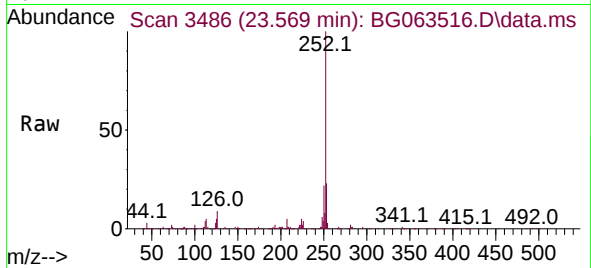
#90
Benzo(b)fluoranthene
Concen: 4.493 ng/ul
RT: 23.569 min Scan# 3486
Delta R.T. 0.008 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 25504
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.6
125 4.9 3.8 5.6

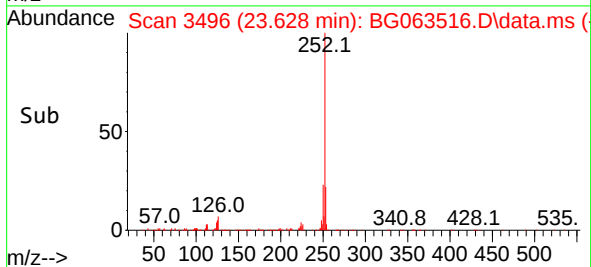
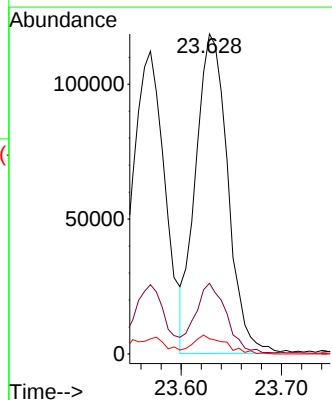
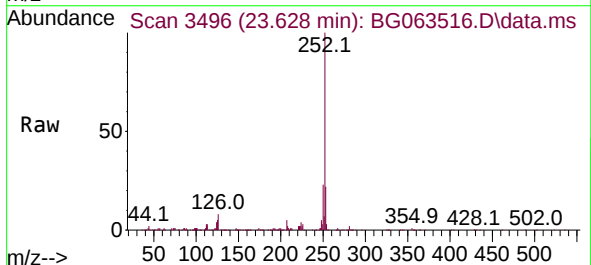
Manual Integrations
APPROVED

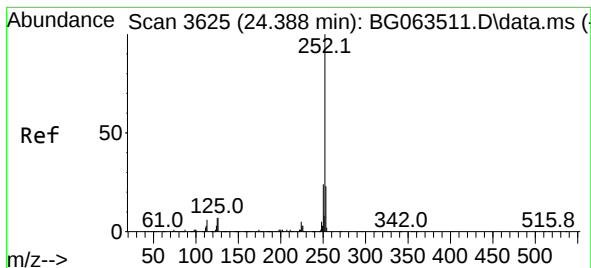
Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#91
Benzo(k)fluoranthene
Concen: 4.638 ng/ul
RT: 23.628 min Scan# 3496
Delta R.T. 0.002 min
Lab File: BG063516.D
Acq: 22 Nov 2024 12:25

Tgt Ion:252 Resp: 264174
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 4.8 4.3 6.5





#93

Benzo(a)pyrene

Concen: 4.496 ng/ul

RT: 24.380 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

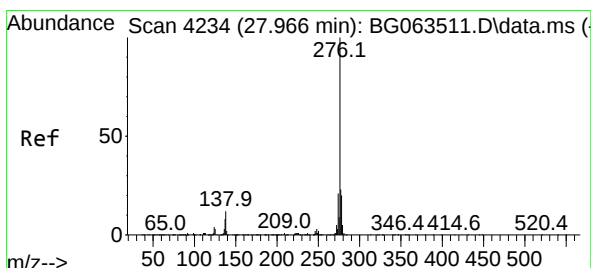
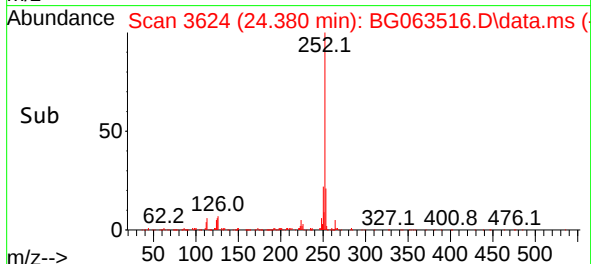
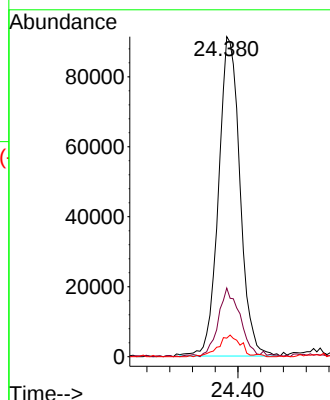
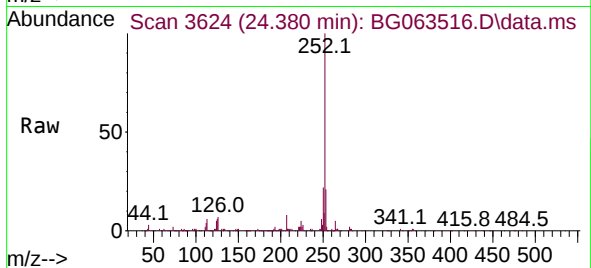
MDL-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 238860
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.2 25.8
 125 5.8 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
 Supervised By :mohammad ahmed 11/27/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.445 ng/ul m

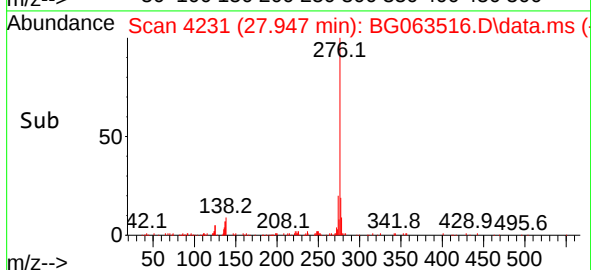
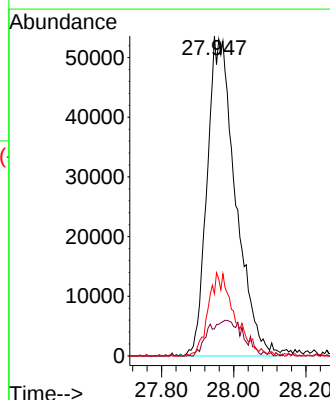
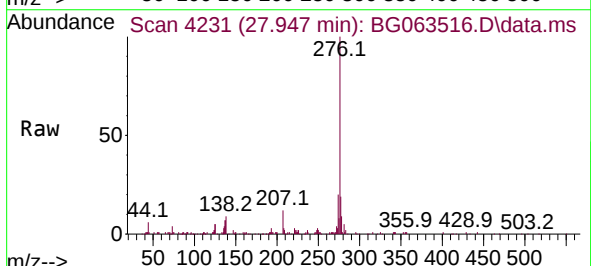
RT: 27.947 min Scan# 4231

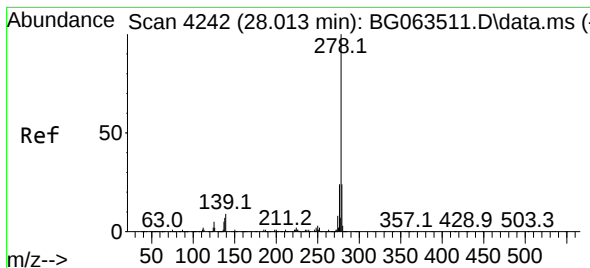
Delta R.T. -0.004 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:276 Resp: 292892
 Ion Ratio Lower Upper
 276 100
 138 8.5 9.4 14.2#
 277 19.4 19.4 29.0





#95

Dibenzo(a,h)anthracene

Concen: 4.349 ng/ul

RT: 28.005 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT4-2024-08

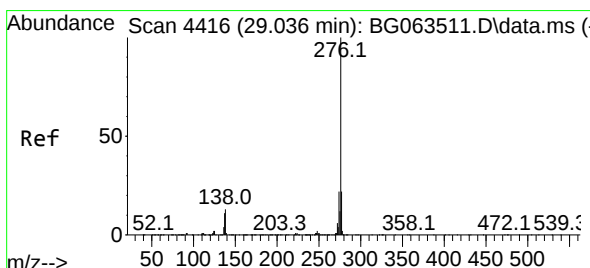
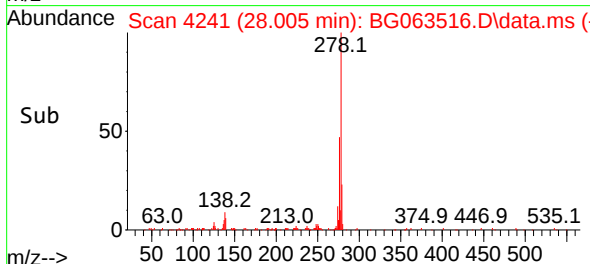
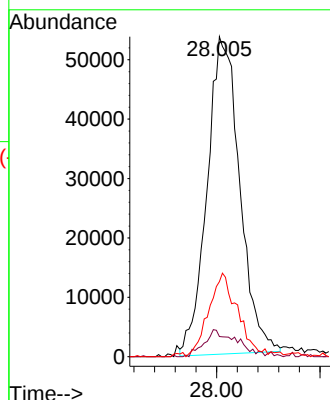
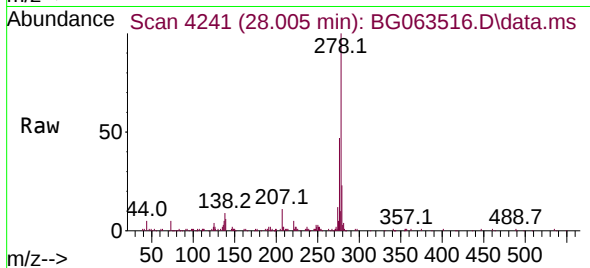
Tgt Ion:278 Resp: 234300

Ion	Ratio	Lower	Upper
278	100		
139	6.3	6.3	9.5
279	23.5	17.5	26.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024



#96

Benzo(g,h,i)perylene

Concen: 4.644 ng/ul m

RT: 29.028 min Scan# 4415

Delta R.T. 0.014 min

Lab File: BG063516.D

Acq: 22 Nov 2024 12:25

Tgt Ion:276 Resp: 232031

Ion	Ratio	Lower	Upper
276	100		
138	10.9	9.4	14.2
277	22.5	18.2	27.4

