

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031124\
 Data File : BG060606.D
 Acq On : 11 Mar 2024 11:16
 Operator : MA/JU
 Sample : P1601-03
 Misc : SFAM-MDL-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2024-01

Quant Time: Mar 11 13:56:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 15:23:41 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	88693	20.000	ng/u1	0.00
20) Naphthalene-d8	11.173	136	418433	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.951	164	289532	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.700	188	641172	20.000	ng/u1	0.00
79) Chrysene-d12	22.025	240	570585	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	636641	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.611	96	10738	4.571	ng/uL	0.00
4) Pyridine-d5	4.046	84	155047	21.091	ng/u1	0.00
7) Phenol-d5	7.430	99	192283	21.038	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	123542	20.851	ng/u1	0.00
11) 2-Chlorophenol-d4	7.841	132	139822	21.881	ng/u1	0.00
15) 4-Methylphenol-d8	9.005	113	147693	20.812	ng/u1	0.00
21) Nitrobenzene-d5	9.522	128	65554	24.569	ng/u1	0.00
24) 2-Nitrophenol-d4	10.238	143	59763	22.722	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.767	165	141855	20.950	ng/u1	0.00
31) 4-Chloroaniline-d4	11.308	131	221237	21.019	ng/u1	0.00
46) Dimethylphthalate-d6	14.345	166	500684	21.813	ng/u1	0.00
49) Acenaphthylene-d8	14.657	160	587545	21.861	ng/u1	0.00
54) 4-Nitrophenol-d4	15.115	143	67041	19.379	ng/u1	0.00
60) Fluorene-d10	15.938	176	438785	21.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.038	200	41177	15.822	ng/u1	0.00
73) Anthracene-d10	17.800	188	639432	20.293	ng/u1	0.00
81) Pyrene-d10	20.068	212	752397	21.887	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.333	264	723212	21.954	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.652	88	2499m	1.003	ng/uL	
5) Pyridine	4.075	79	29453	3.950	ng/u1	93
6) Benzaldehyde	7.465	77	26029	6.010	ng/u1	96
8) Phenol	7.459	94	38416	4.154	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.736	93	31731	4.320	ng/u1	97
12) 2-Chlorophenol	7.871	128	28379	4.242	ng/u1	93
13) 2-Methylphenol	8.740	108	28111	3.902	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.828	45	62139	4.184	ng/u1#	92
16) Acetophenone	9.169	105	52015	4.295	ng/u1	96
17) N-Nitroso-di-n-propyla...	9.128	70	26327	4.434	ng/u1#	96
18) 4-Methylphenol	9.069	108	34153	4.353	ng/u1	98
19) Hexachloroethane	9.416	117	10859	4.143	ng/u1	86
22) Nitrobenzene	9.563	77	34638	4.647	ng/u1	99
23) Isophorone	10.074	82	76999	4.348	ng/u1	98
25) 2-Nitrophenol	10.274	139	14221	4.695	ng/u1	93
26) 2,4-Dimethylphenol	10.291	107	25119	3.054	ng/u1	91
27) Bis(2-Chloroethoxy)met...	10.556	93	43585	4.232	ng/u1	92
29) 2,4-Dichlorophenol	10.791	162	29219	4.320	ng/u1#	89
30) Naphthalene	11.226	128	108216	4.374	ng/u1	98
32) 4-Chloroaniline	11.337	127	44330	4.315	ng/u1	100
33) Hexachlorobutadiene	11.455	225	22539	4.504	ng/u1	90
34) Caprolactam	12.113	113	10828	4.676	ng/u1	95
35) 4-Chloro-3-methylphenol	12.401	107	35041	4.317	ng/u1	93
36) 2-Methylnaphthalene	12.800	142	74212	4.566	ng/u1	94

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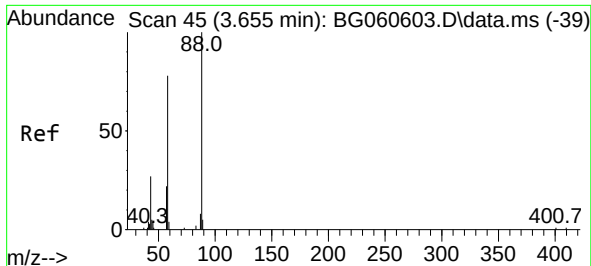
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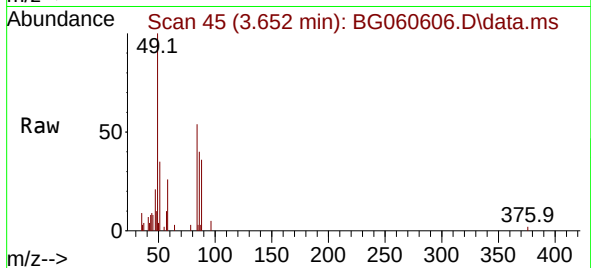
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.018	142	77040	4.732	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.141	216	41010	4.303	ng/ul	91
40) Hexachlorocyclopentadiene	13.094	237	22983	3.960	ng/ul	98
41) 2,4,6-Trichlorophenol	13.376	196	23493	3.959	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.446	196	26380	4.168	ng/ul	98
43) 1,1'-Biphenyl	13.793	154	100918	4.341	ng/ul	97
44) 2-Chloronaphthalene	13.840	162	79693	4.320	ng/ul	96
45) 2-Nitroaniline	14.057	65	19291	3.828	ng/ul	97
47) Dimethylphthalate	14.392	163	103440	4.428	ng/ul	100
48) 2,6-Dinitrotoluene	14.533	165	13816	4.116	ng/ul#	94
50) Acenaphthylene	14.686	152	136917	4.457	ng/ul	98
51) 3-Nitroaniline	14.868	138	15532	3.927	ng/ul	92
52) Acenaphthene	15.015	153	91007	4.463	ng/ul	98
53) 2,4-Dinitrophenol	15.062	184	6897	4.040	ng/ul	92
55) 4-Nitrophenol	15.133	109	13872	4.151	ng/ul	97
56) Dibenzofuran	15.350	168	121917	4.454	ng/ul	98
57) 2,4-Dinitrotoluene	15.309	165	17769	3.895	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.556	232	22632	4.198	ng/ul#	90
59) Diethylphthalate	15.738	149	103882	4.359	ng/ul	94
61) Fluorene	15.996	166	101639	4.482	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.979	204	49637	4.371	ng/ul	98
63) 4-Nitroaniline	16.026	138	17466m	4.433	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.055	198	10783	3.752	ng/ul	100
67) N-Nitrosodiphenylamine	16.196	169	86442	4.220	ng/ul	91
68) 4-Bromophenyl-phenylether	16.878	248	30850	4.185	ng/ul	98
69) Hexachlorobenzene	16.966	284	39059	4.433	ng/ul	94
70) Atrazine	17.130	200	34386	4.954	ng/ul	99
71) Pentachlorophenol	17.318	266	18967	3.906	ng/ul	93
72) Phenanthrene	17.741	178	162173m	4.408	ng/ul	
74) Anthracene	17.835	178	155923	4.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.746	216	40572	4.236	ng/ul	95
76) Pentachlorobenzene	15.238	250	45012	4.565	ng/ul	98
77) Carbazole	18.106	167	135252	4.209	ng/ul	98
78) Di-n-butylphthalate	18.623	149	158925	4.049	ng/ul	98
80) Fluoranthene	19.733	202	180535	4.425	ng/ul	97
82) Pyrene	20.097	202	192712	4.510	ng/ul	98
83) Butylbenzylphthalate	20.967	149	60592	3.856	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.913	252	64645	4.954	ng/ul	95
85) Benzo(a)anthracene	22.001	228	182344	4.303	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.848	149	90777	3.888	ng/ul#	99
87) Chrysene	22.072	228	175850	4.359	ng/ul	97
89) Di-n-octyl phthalate	23.182	149	151503	3.827	ng/ul	100
90) Benzo(b)fluoranthene	24.428	252	161937m	4.185	ng/ul	
91) Benzo(k)fluoranthene	24.510	252	172523m	4.271	ng/ul	
93) Benzo(a)pyrene	25.415	252	164415	4.380	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.692	276	191936m	4.140	ng/ul	
95) Dibenzo(a,h)anthracene	29.798	278	156338m	4.127	ng/ul	
96) Benzo(g,h,i)perylene	31.014	276	148830	3.998	ng/ul#	93

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



#2
1,4-Dioxane
Concen: 1.003 ng/uL m
RT: 3.652 min Scan# 45
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

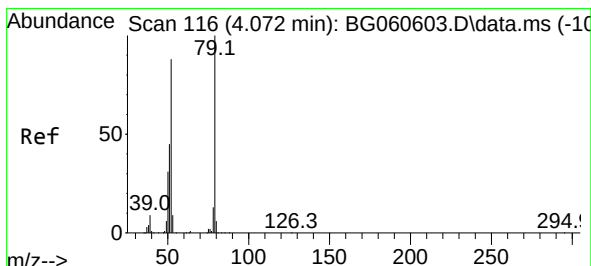
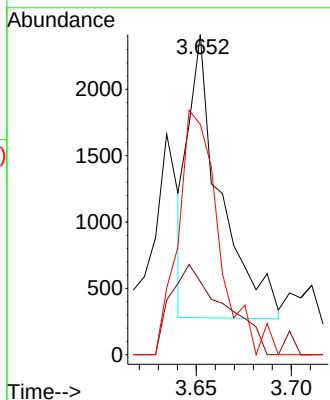
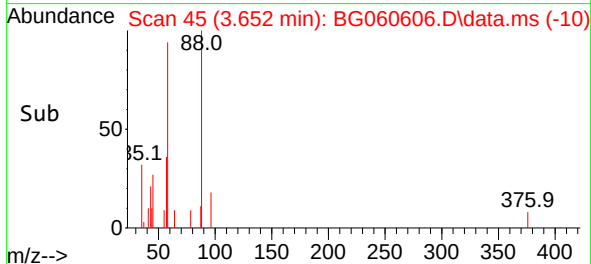
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 88 Resp: 2499
Ion Ratio Lower Upper
88 100
43 22.9 23.4 35.0
58 71.9 76.1 114.1

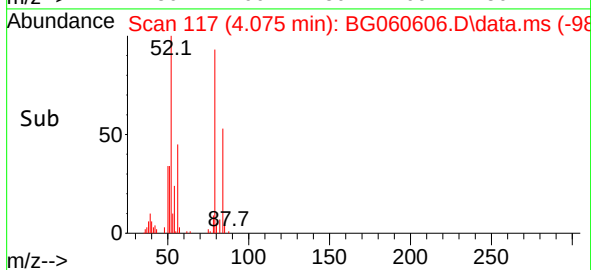
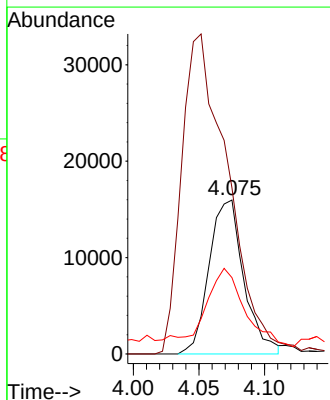
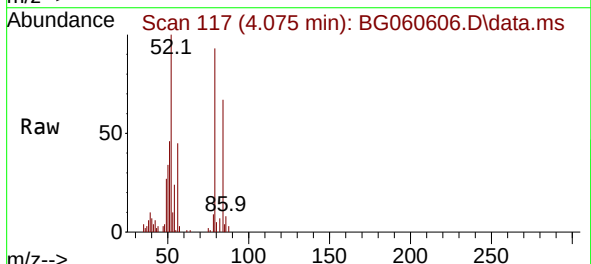
Manual Integrations
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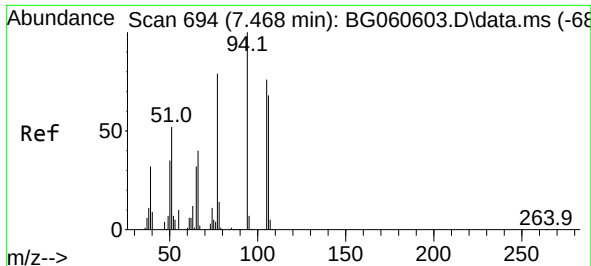
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#5
Pyridine
Concen: 3.950 ng/uL
RT: 4.075 min Scan# 117
Delta R.T. 0.009 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

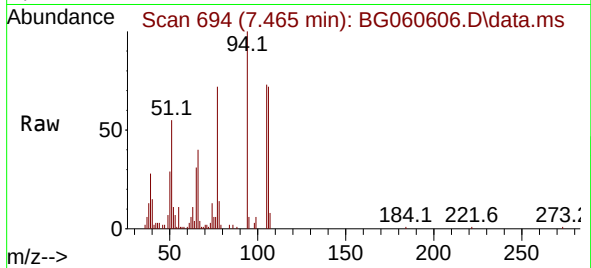
Tgt Ion: 79 Resp: 29453
Ion Ratio Lower Upper
79 100
52 107.9 80.5 120.7
51 49.5 35.8 53.6





#6
Benzaldehyde
Concen: 6.010 ng/ul
RT: 7.465 min Scan# 694
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

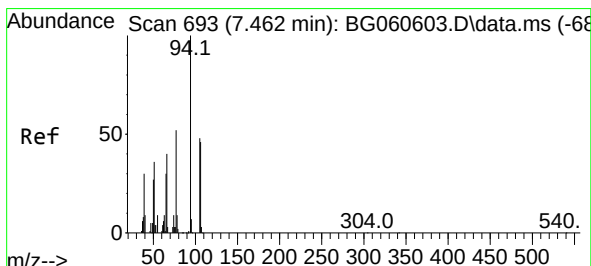
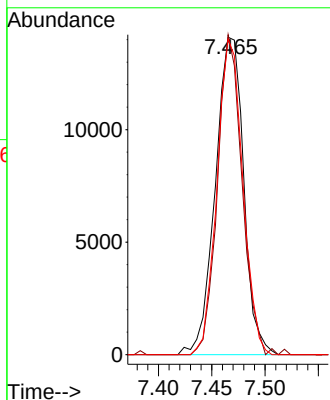
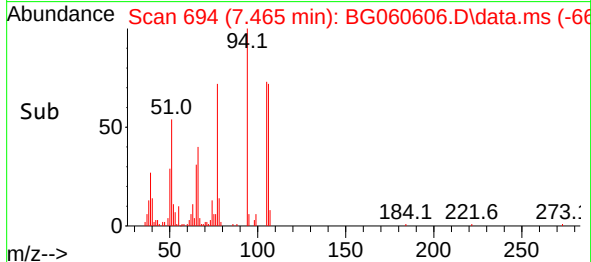
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 26029
Ion Ratio Lower Upper
77 100
105 100.8 75.9 113.9
106 99.4 78.5 117.7

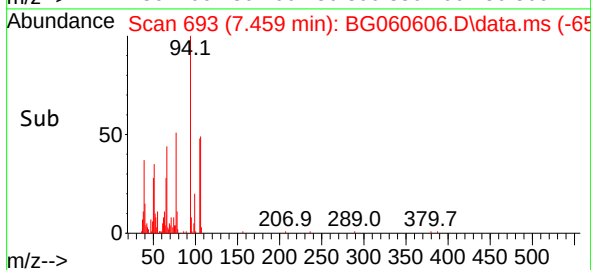
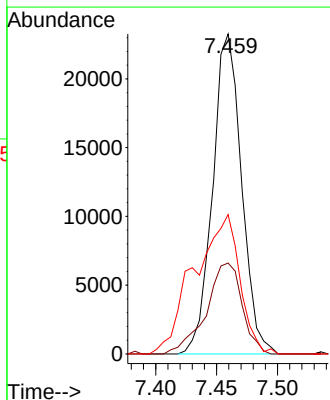
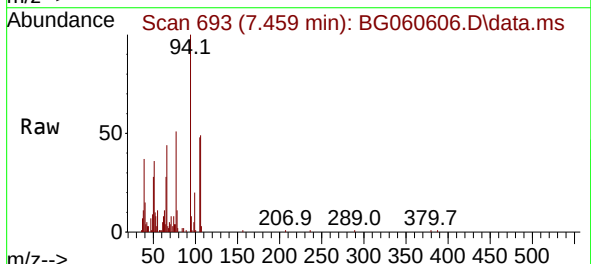
Manual Integrations
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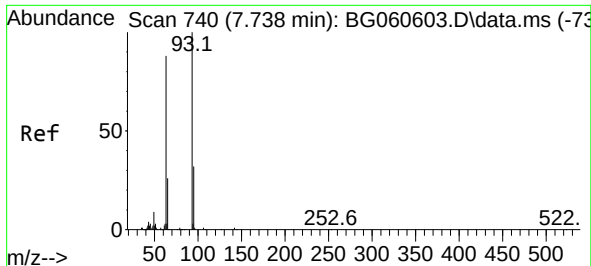
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#8
Phenol
Concen: 4.154 ng/ul
RT: 7.459 min Scan# 693
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

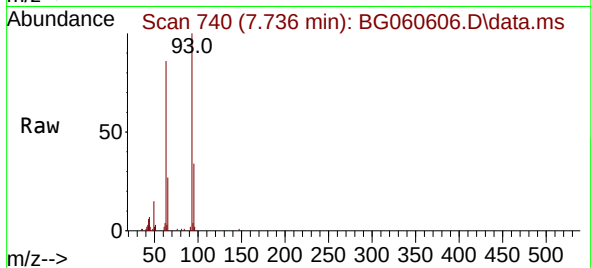
Tgt Ion: 94 Resp: 38416
Ion Ratio Lower Upper
94 100
65 28.4 26.7 40.1
66 43.5 33.1 49.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.320 ng/ul
RT: 7.736 min Scan# 740
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

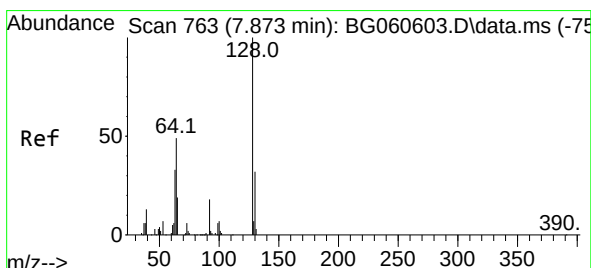
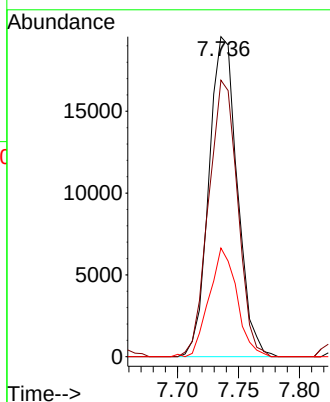
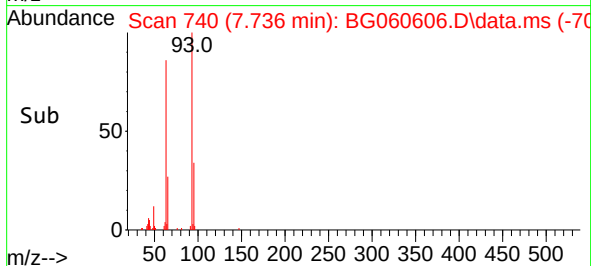
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 3173
Ion Ratio Lower Upper
93 100
63 86.4 72.2 108.4
95 33.9 27.3 40.9

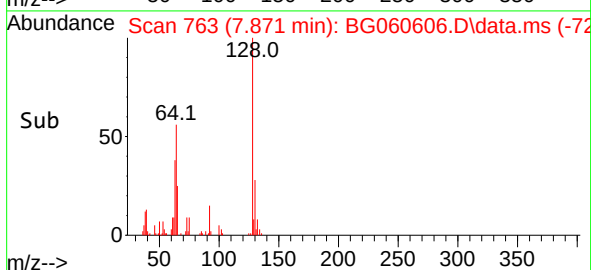
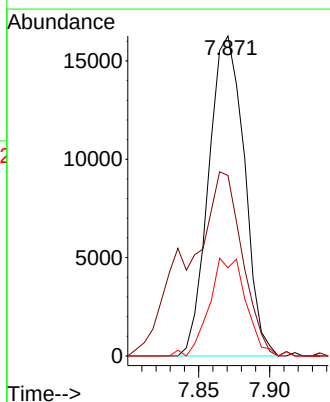
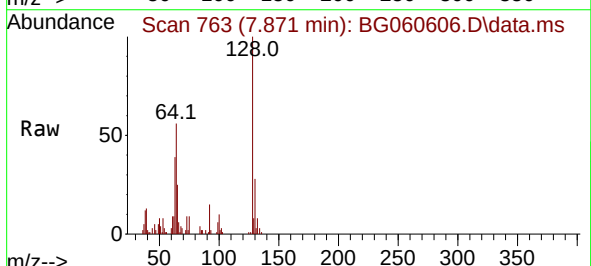
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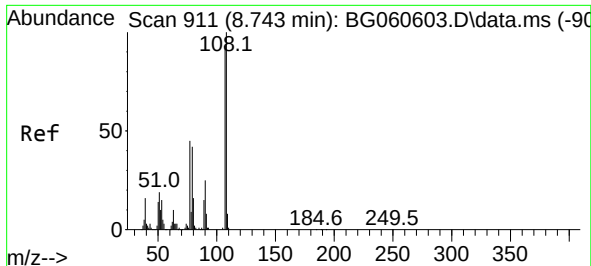
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#12
2-Chlorophenol
Concen: 4.242 ng/ul
RT: 7.871 min Scan# 763
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

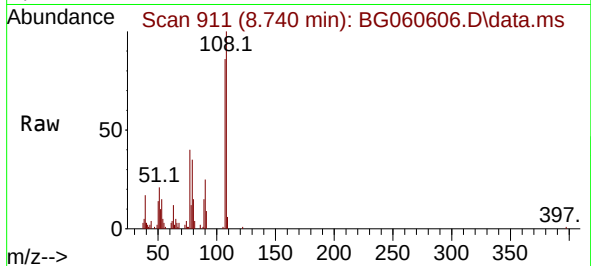
Tgt Ion:128 Resp: 28379
Ion Ratio Lower Upper
128 100
64 56.4 40.8 61.2
130 27.5 24.0 36.0





#13
2-Methylphenol
Concen: 3.902 ng/ul
RT: 8.740 min Scan# 911
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

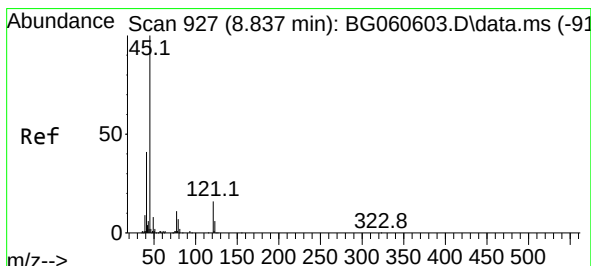
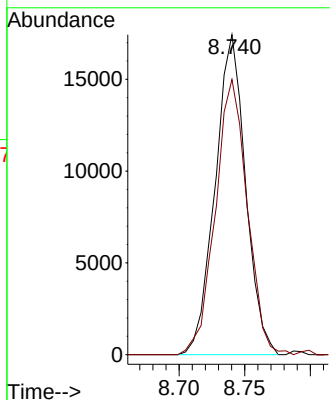
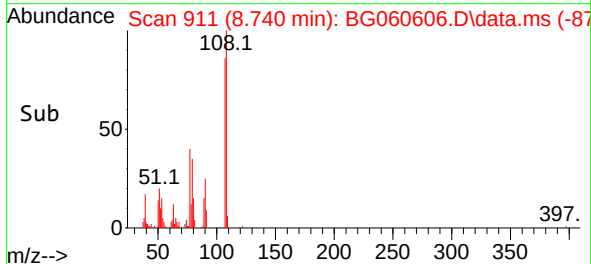
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion: 108 Resp: 2811
Ion Ratio Lower Upper
108 100
107 86.0 74.1 111.1

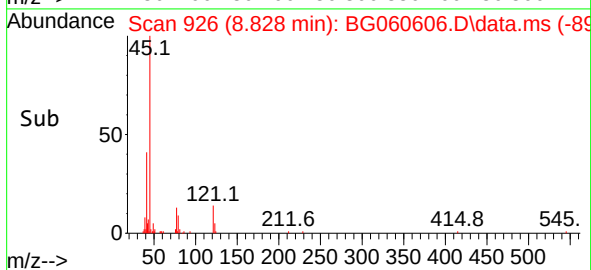
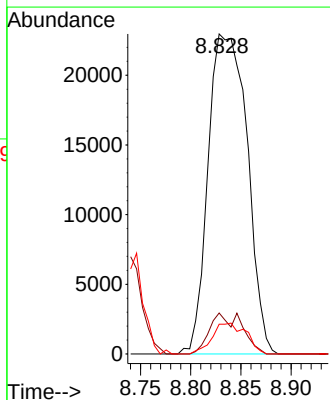
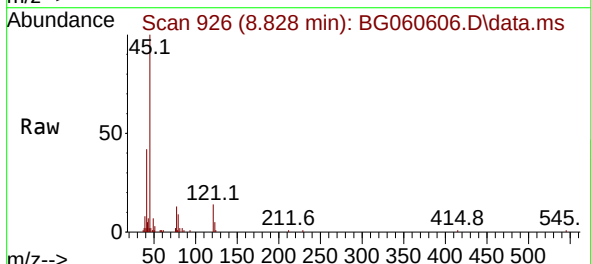
Manual Integrations
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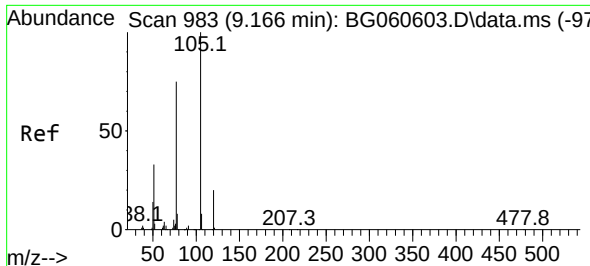
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.184 ng/ul
RT: 8.828 min Scan# 926
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion: 45 Resp: 62139
Ion Ratio Lower Upper
45 100
77 12.8 8.2 12.2#
79 9.3 5.0 7.4#





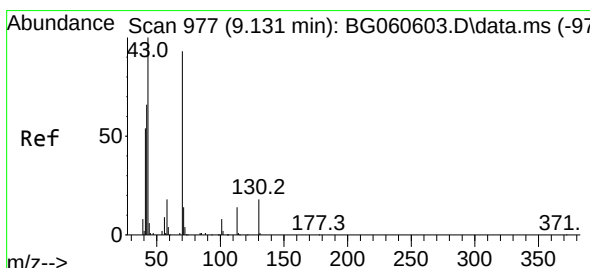
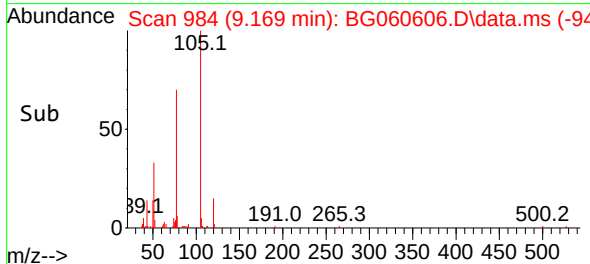
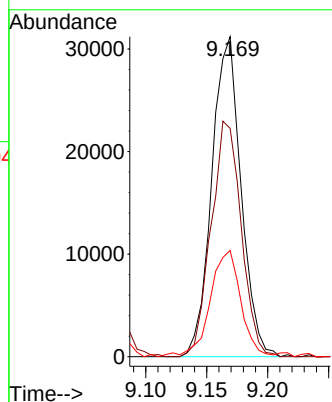
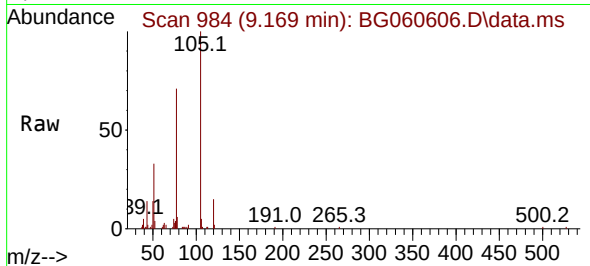
#16
Acetophenone
Concen: 4.295 ng/ul
RT: 9.169 min Scan# 984
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion: 105 Resp: 52015
Ion Ratio Lower Upper
105 100
77 71.3 60.2 90.4
51 33.2 25.1 37.7

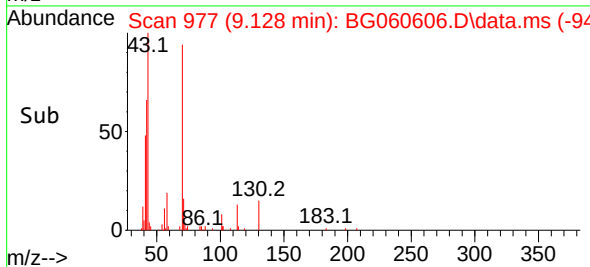
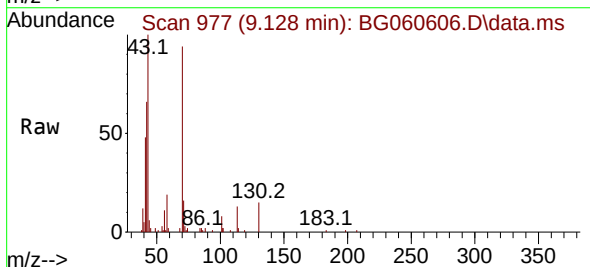
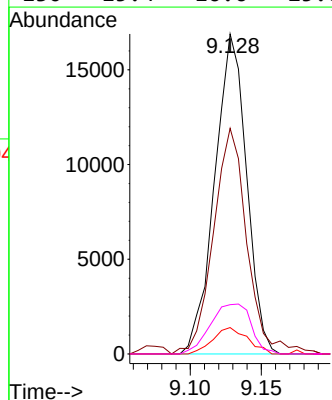
Manual Integrations
APPROVED

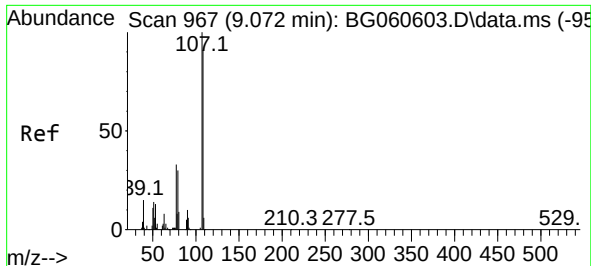
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.434 ng/ul
RT: 9.128 min Scan# 977
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

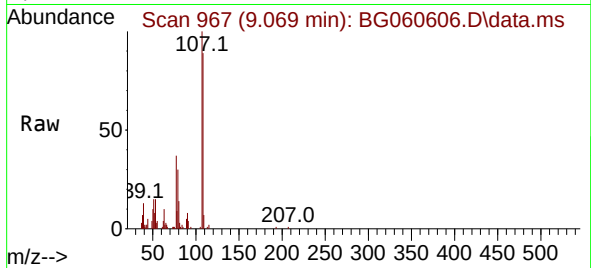
Tgt Ion: 70 Resp: 26327
Ion Ratio Lower Upper
70 100
42 70.5 55.7 83.5
101 8.2 8.6 12.8#
130 15.4 16.6 25.0#





#18
4-Methylphenol
Concen: 4.353 ng/ul
RT: 9.069 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

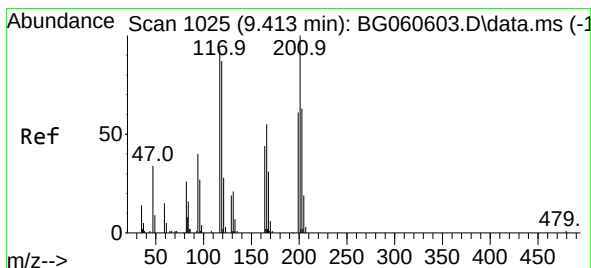
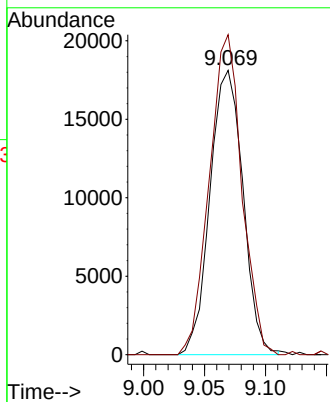
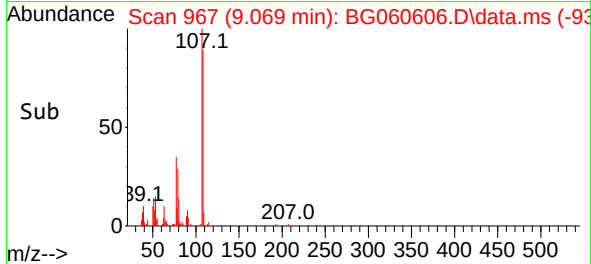
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:108 Resp: 3415
Ion Ratio Lower Upper
108 100
107 112.5 91.8 137.6

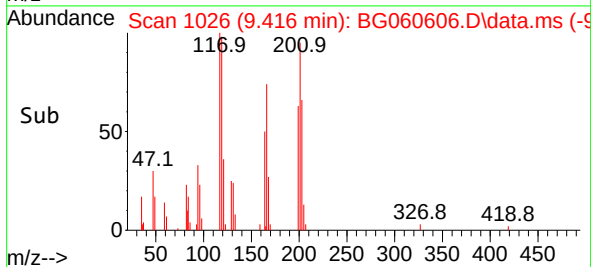
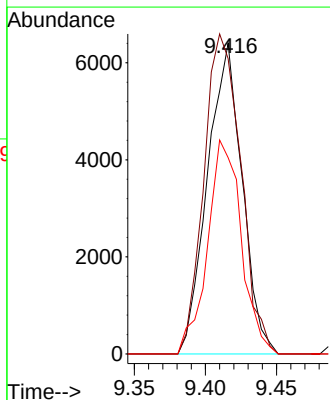
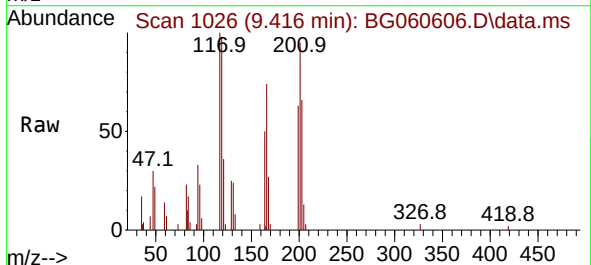
Manual Integrations
APPROVED

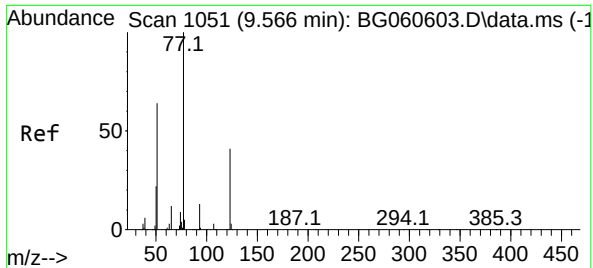
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#19
Hexachloroethane
Concen: 4.143 ng/ul
RT: 9.416 min Scan# 1026
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

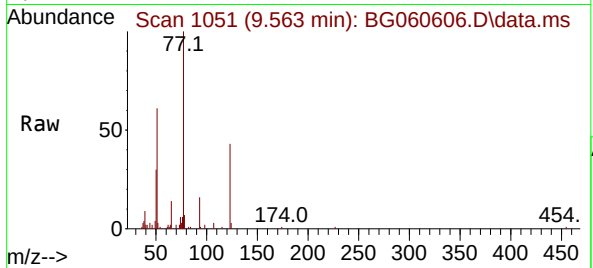
Tgt Ion:117 Resp: 10859
Ion Ratio Lower Upper
117 100
201 95.1 93.2 139.8
199 63.2 53.3 79.9





#22
Nitrobenzene
Concen: 4.647 ng/ul
RT: 9.563 min Scan# 1051
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

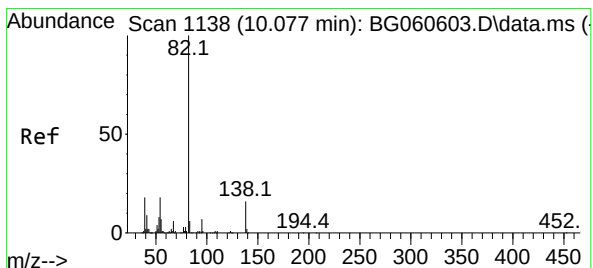
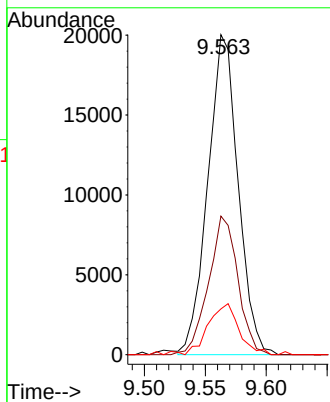
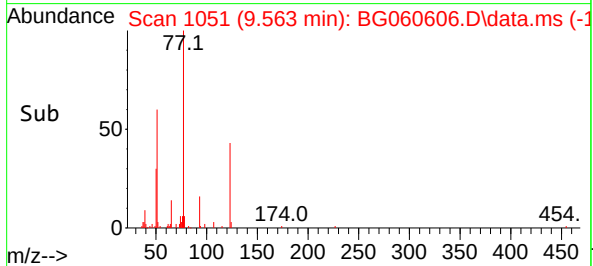
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 34638
Ion Ratio Lower Upper
77 100
123 43.3 34.6 51.8
65 14.3 12.7 19.1

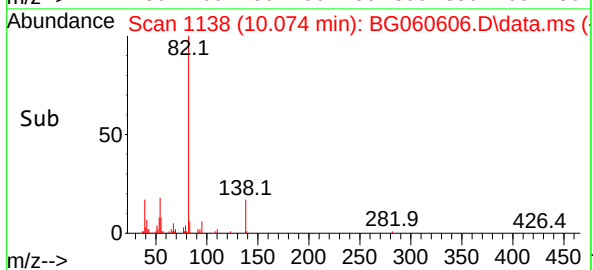
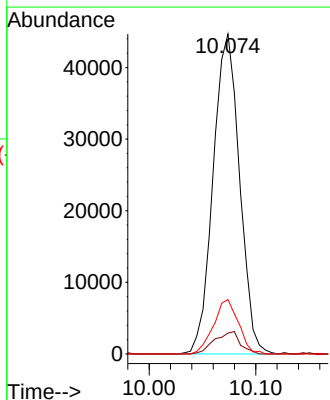
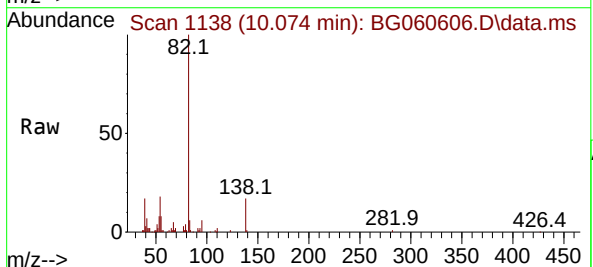
Manual Integrations
APPROVED

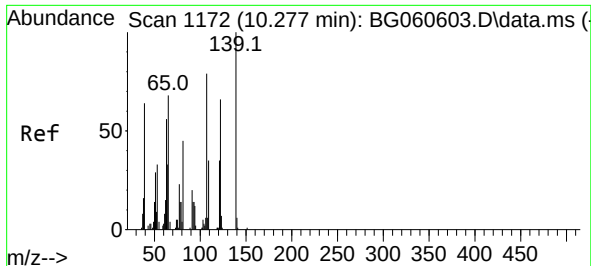
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#23
Isophorone
Concen: 4.348 ng/ul
RT: 10.074 min Scan# 1138
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

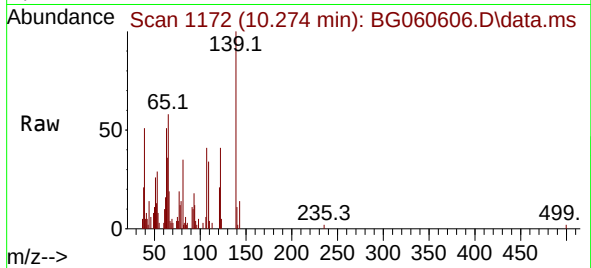
Tgt Ion: 82 Resp: 76999
Ion Ratio Lower Upper
82 100
95 6.5 5.8 8.6
138 17.0 12.9 19.3





#25
2-Nitrophenol
Concen: 4.695 ng/ul
RT: 10.274 min Scan# 1172
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

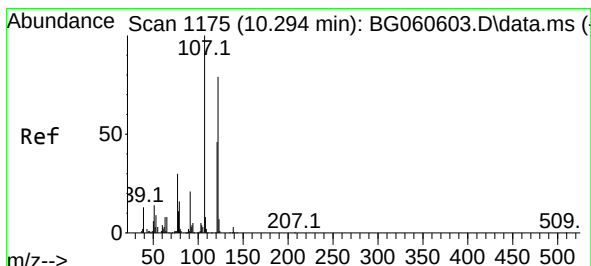
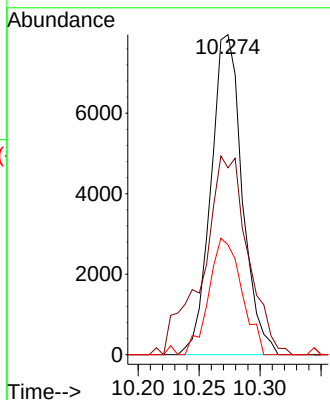
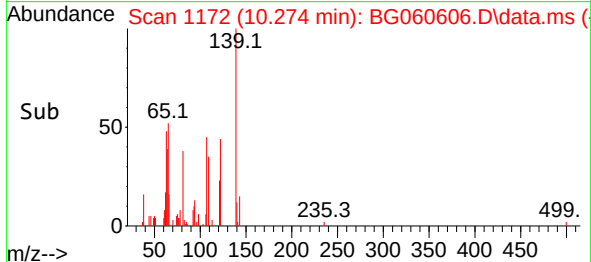
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion	Ratio	Lower	Upper
139	100		
65	58.4	53.0	79.4
109	34.3	27.0	40.6

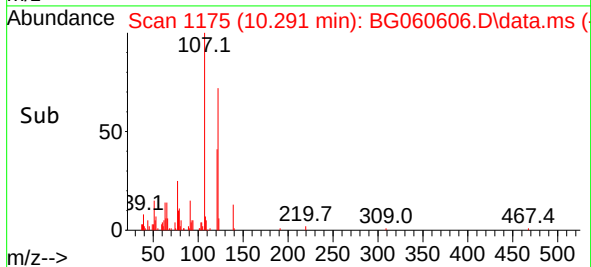
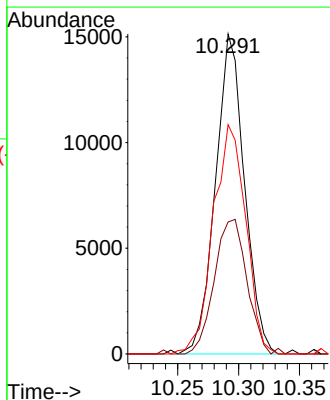
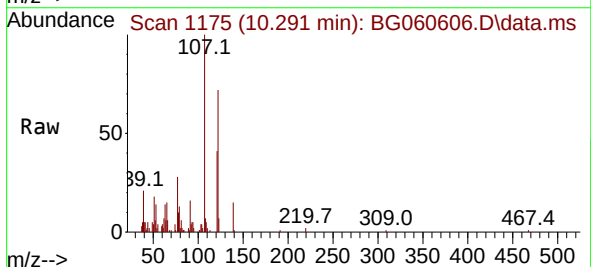
Manual Integrations
APPROVED

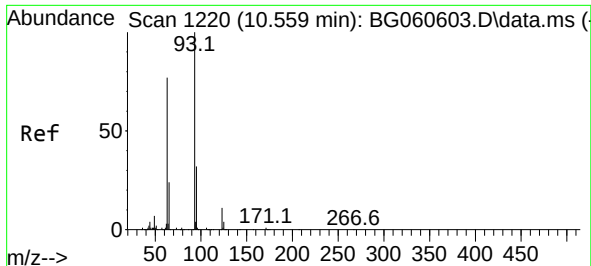
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#26
2,4-Dimethylphenol
Concen: 3.054 ng/ul
RT: 10.291 min Scan# 1175
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

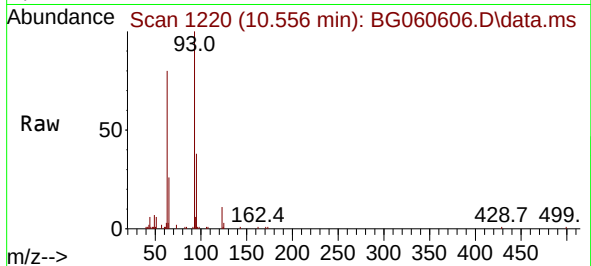
Tgt Ion	Ratio	Lower	Upper
107	100		
121	41.2	38.6	58.0
122	71.6	63.3	94.9





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.232 ng/ul
 RT: 10.556 min Scan# 1220
 Delta R.T. -0.003 min
 Lab File: BG060606.D
 Acq: 11 Mar 2024 11:16

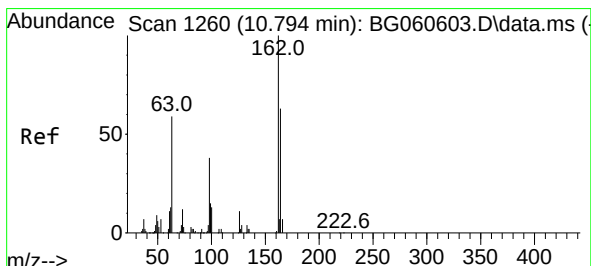
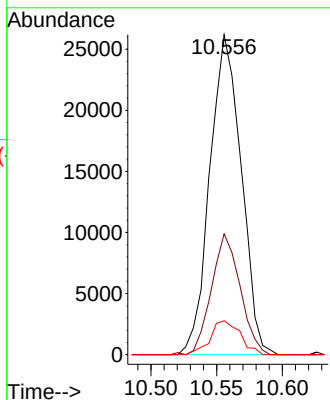
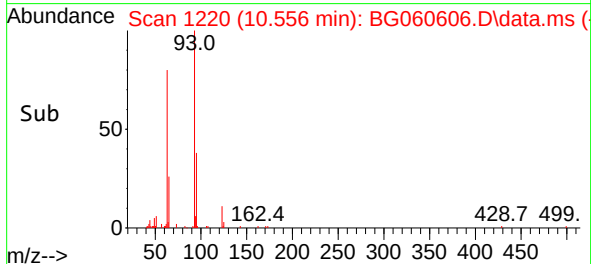
Instrument : BNA_G
 ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 4358
 Ion Ratio Lower Upper
 93 100
 95 37.8 25.7 38.5
 123 10.6 8.6 13.0

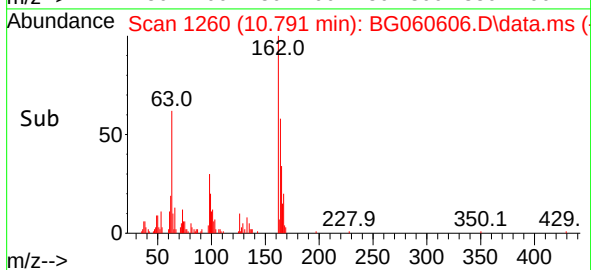
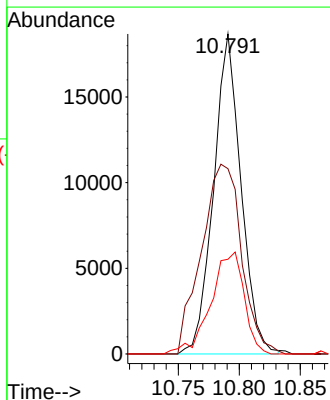
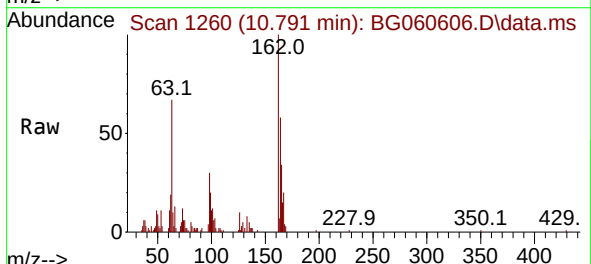
Manual Integrations
 APPROVED

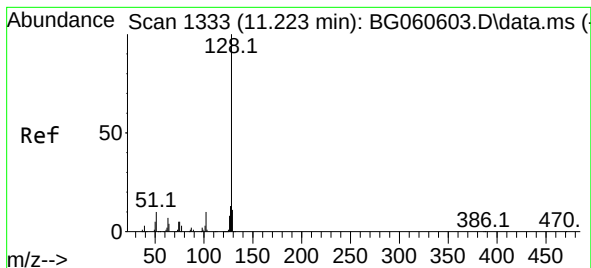
Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024



#29
 2,4-Dichlorophenol
 Concen: 4.320 ng/ul
 RT: 10.791 min Scan# 1260
 Delta R.T. 0.003 min
 Lab File: BG060606.D
 Acq: 11 Mar 2024 11:16

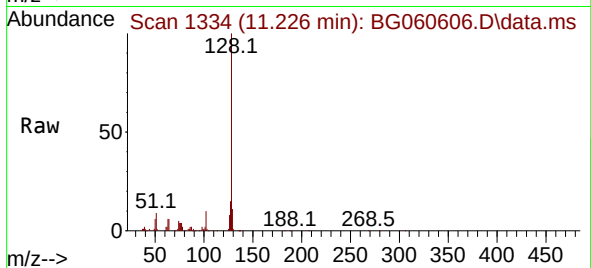
Tgt Ion:162 Resp: 29219
 Ion Ratio Lower Upper
 162 100
 164 57.9 52.6 78.8
 98 29.6 29.7 44.5#





#30
Naphthalene
Concen: 4.374 ng/ul
RT: 11.226 min Scan# 11226
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

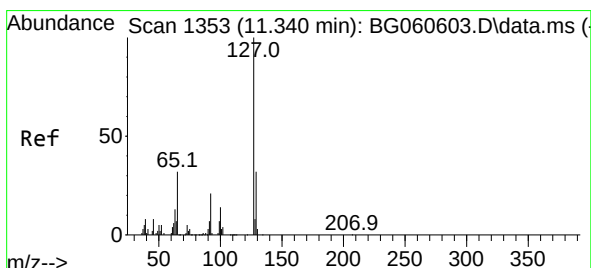
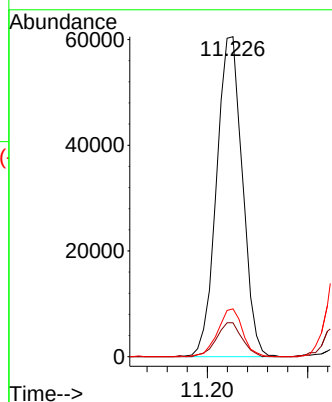
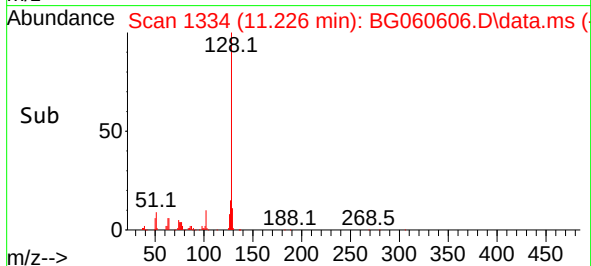
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 108210
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 14.9 11.0 16.4

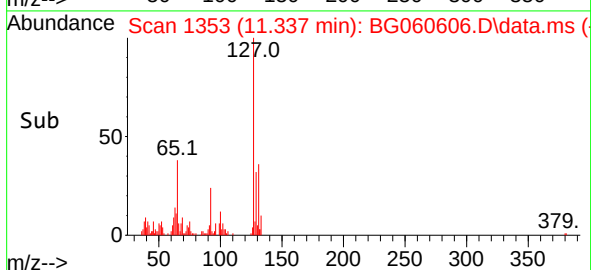
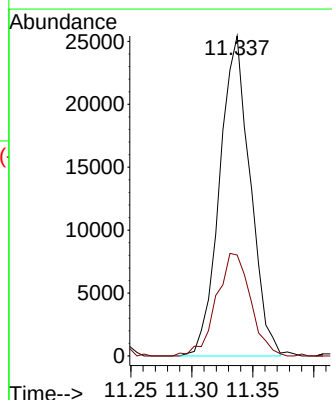
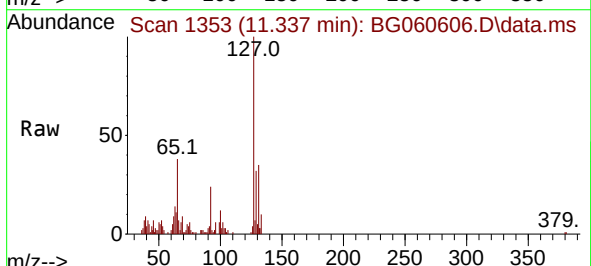
Manual Integrations
APPROVED

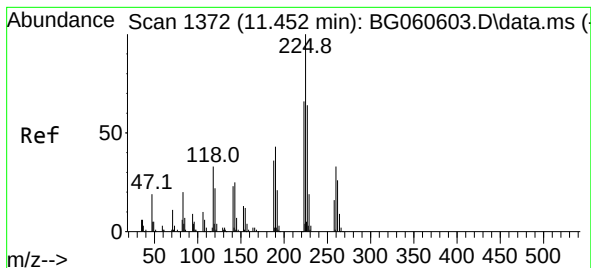
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#32
4-Chloroaniline
Concen: 4.315 ng/ul
RT: 11.337 min Scan# 1353
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

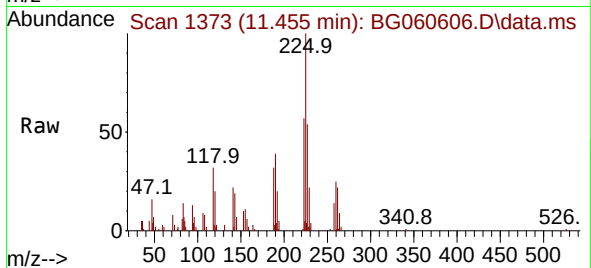
Tgt Ion:127 Resp: 44330
Ion Ratio Lower Upper
127 100
129 31.6 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.504 ng/ul
RT: 11.455 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

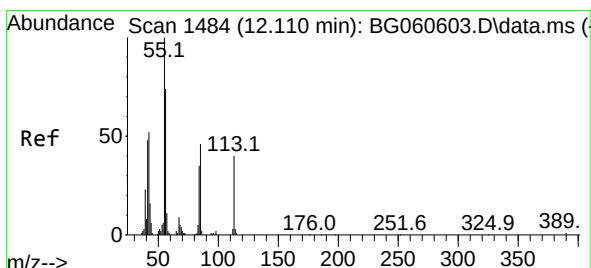
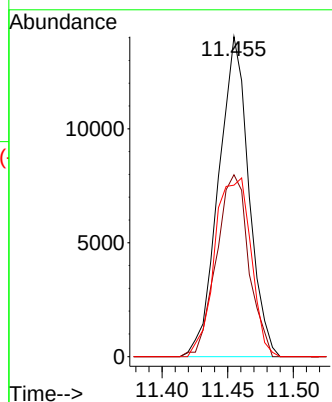
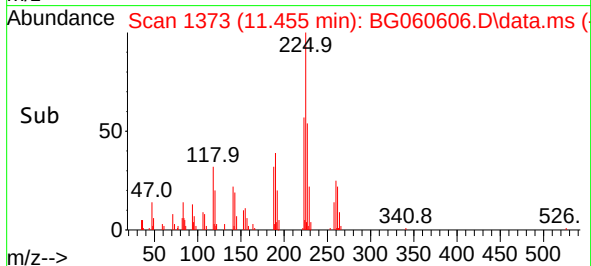
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:225 Resp: 2253
Ion Ratio Lower Upper
225 100
223 61.6 53.5 80.3
227 53.6 51.4 77.0

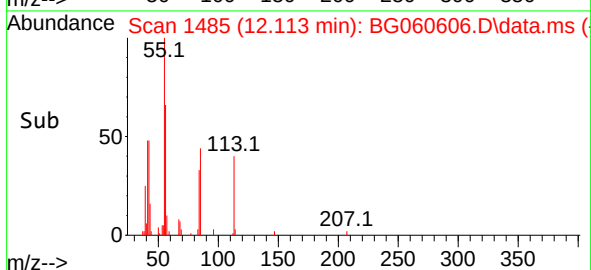
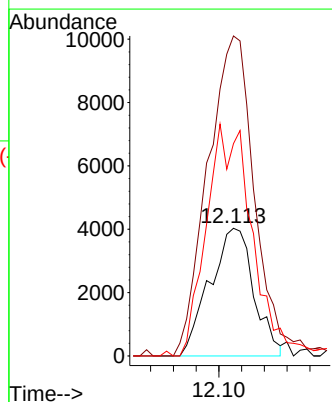
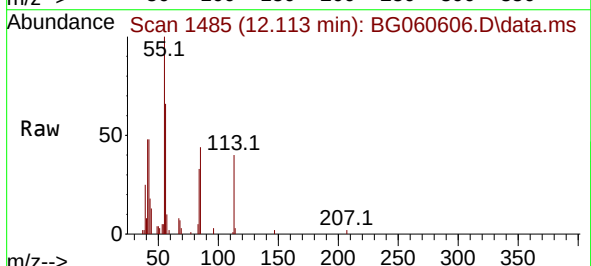
Manual Integrations
APPROVED

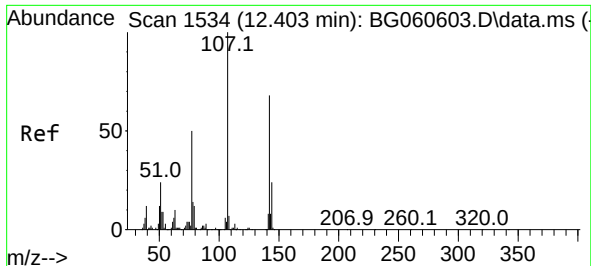
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#34
Caprolactam
Concen: 4.676 ng/ul
RT: 12.113 min Scan# 1485
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:113 Resp: 10828
Ion Ratio Lower Upper
113 100
55 250.8 197.0 295.6
56 166.3 142.6 214.0





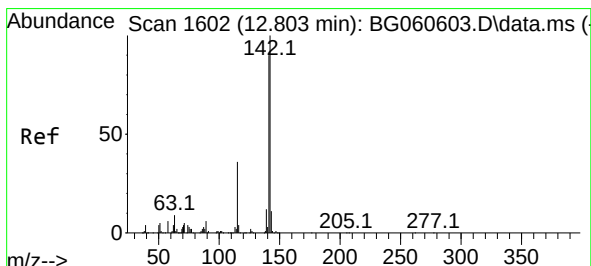
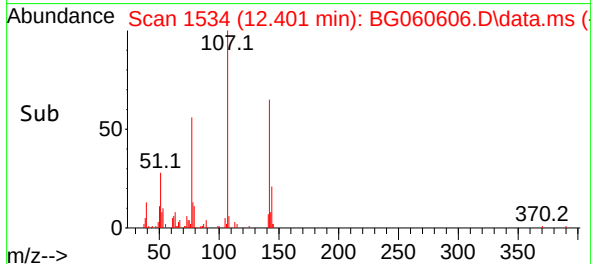
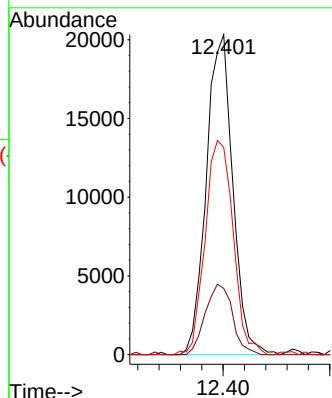
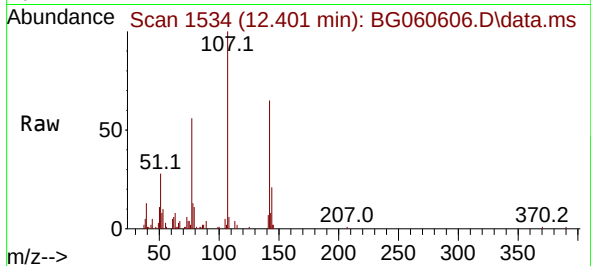
#35
4-Chloro-3-methylphenol
Concen: 4.317 ng/ul
RT: 12.401 min Scan# 1534
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:107 Resp: 3504
Ion Ratio Lower Upper
107 100
144 20.7 18.7 28.1
142 64.8 56.9 85.3

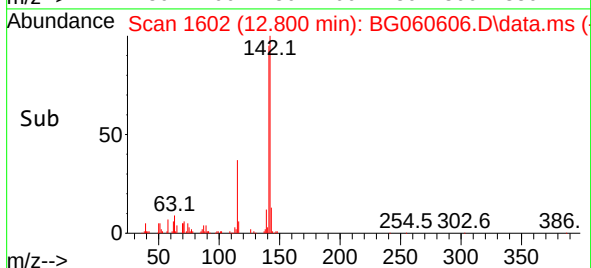
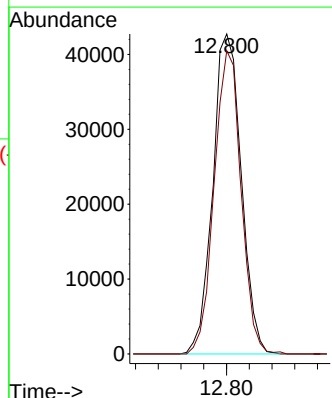
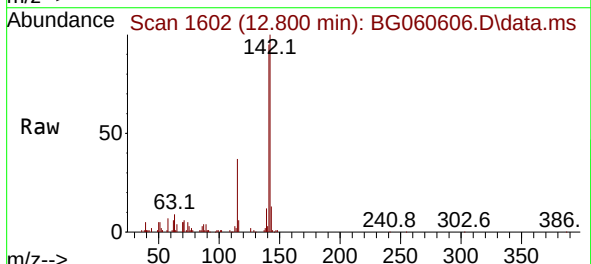
Manual Integrations
APPROVED

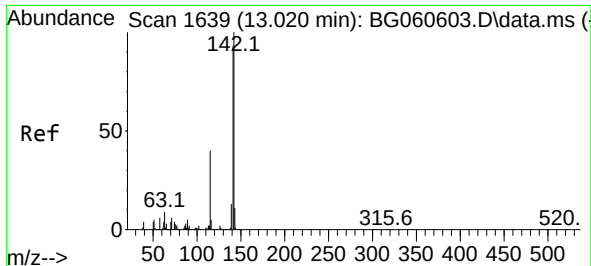
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#36
2-Methylnaphthalene
Concen: 4.566 ng/ul
RT: 12.800 min Scan# 1602
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

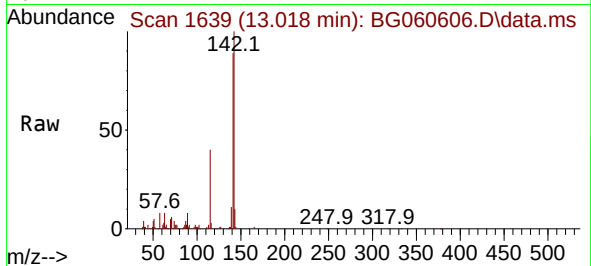
Tgt Ion:142 Resp: 74212
Ion Ratio Lower Upper
142 100
141 94.8 71.2 106.8





#37
1-Methylnaphthalene
Concen: 4.732 ng/ul
RT: 13.018 min Scan# 1639
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

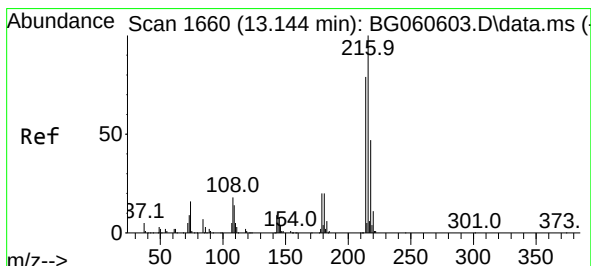
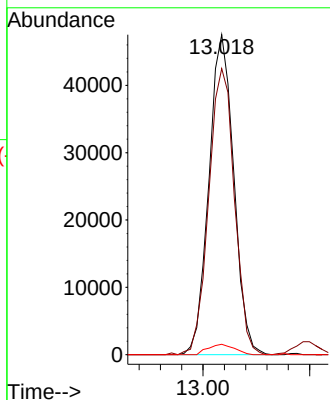
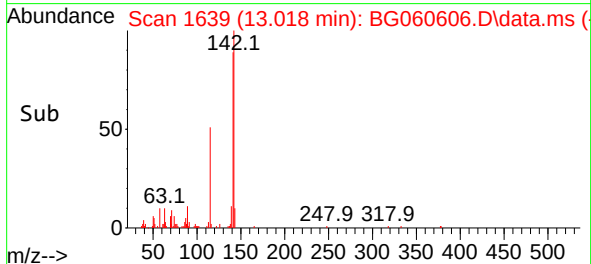
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:142 Resp: 77040
Ion Ratio Lower Upper
142 100
141 89.4 73.1 109.7
116 3.3 3.8 5.6

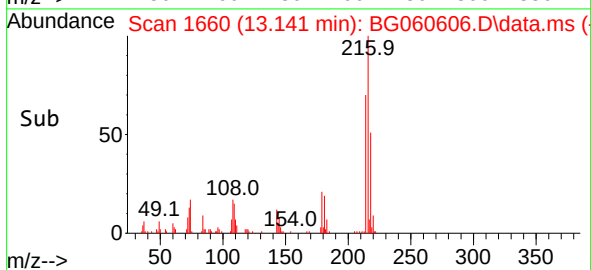
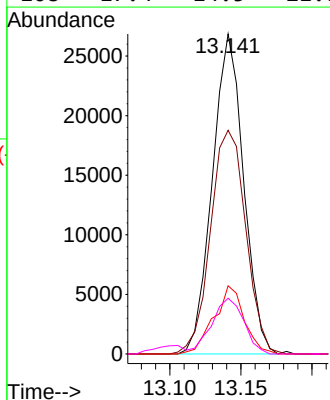
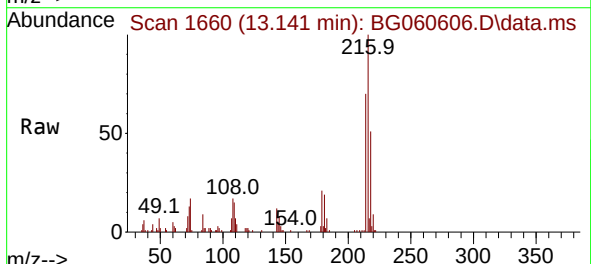
Manual Integrations
APPROVED

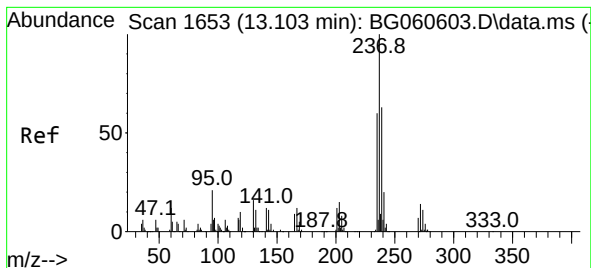
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.303 ng/ul
RT: 13.141 min Scan# 1660
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:216 Resp: 41010
Ion Ratio Lower Upper
216 100
214 69.9 64.6 96.8
179 21.3 16.1 24.1
108 17.4 14.5 21.7





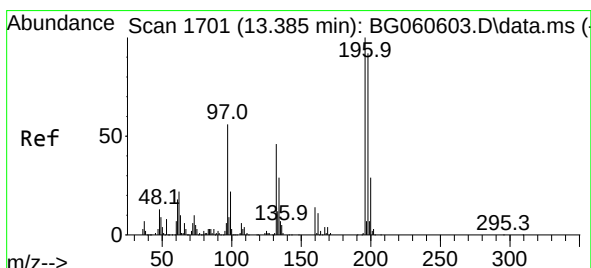
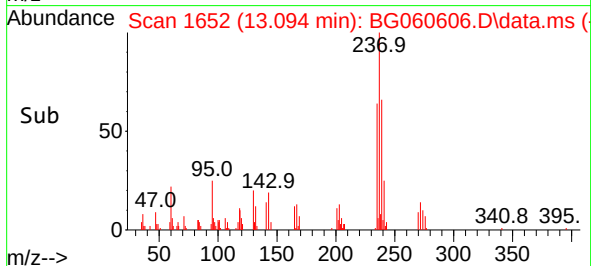
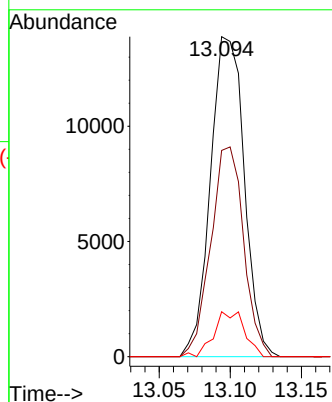
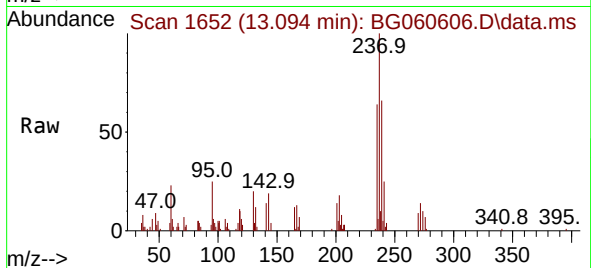
#40
Hexachlorocyclopentadiene
Concen: 3.960 ng/ul
RT: 13.094 min Scan# 1100
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:237 Resp: 2298
Ion Ratio Lower Upper
237 100
235 64.4 53.0 79.4
272 14.1 11.5 17.3

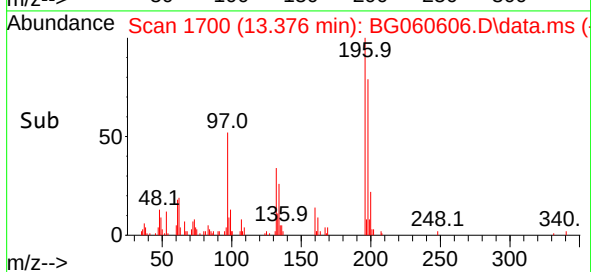
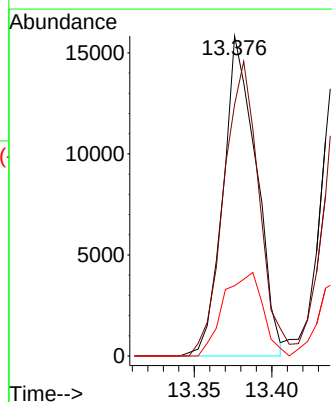
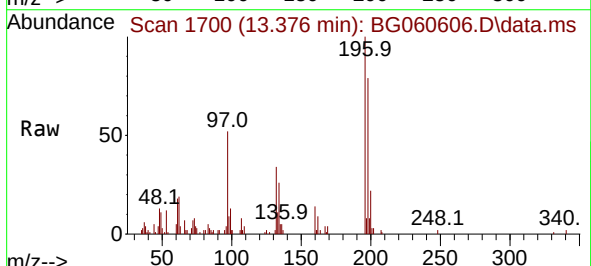
Manual Integrations
APPROVED

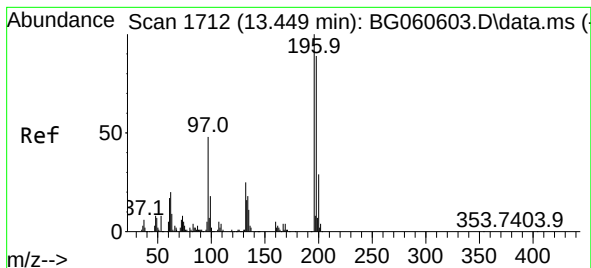
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#41
2,4,6-Trichlorophenol
Concen: 3.959 ng/ul
RT: 13.376 min Scan# 1700
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

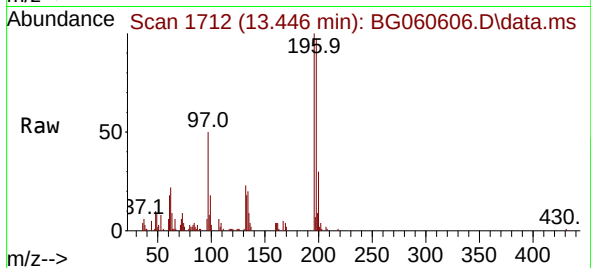
Tgt Ion:196 Resp: 23493
Ion Ratio Lower Upper
196 100
198 78.6 77.2 115.8
200 21.9 25.7 38.5#





#42
2,4,5-Trichlorophenol
Concen: 4.168 ng/ul
RT: 13.446 min Scan# 1712
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

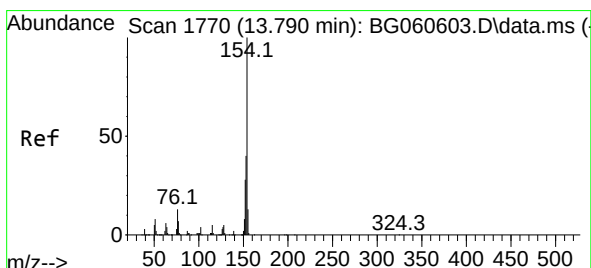
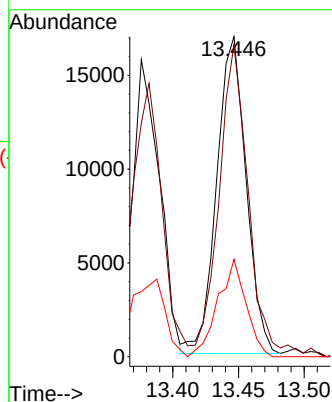
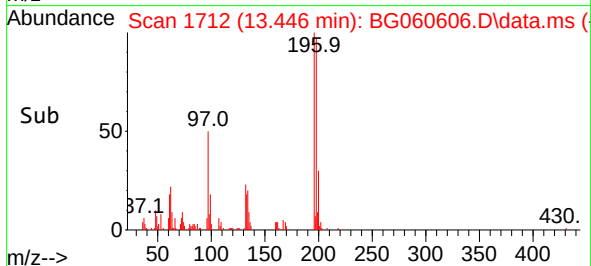
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:196 Resp: 26380
Ion Ratio Lower Upper
196 100
198 97.5 76.7 115.1
200 30.4 22.4 33.6

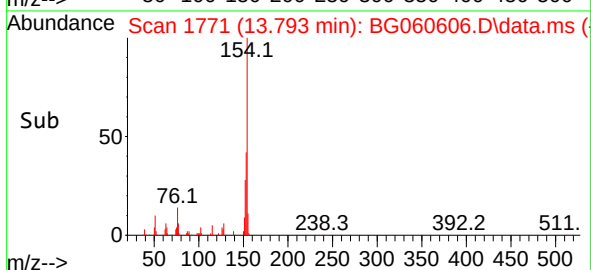
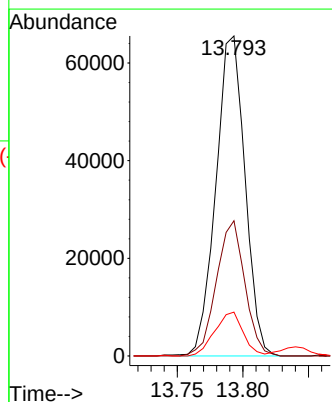
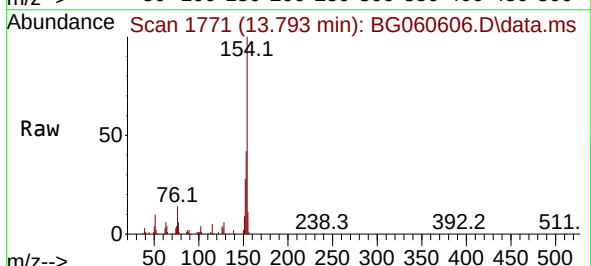
Manual Integrations
APPROVED

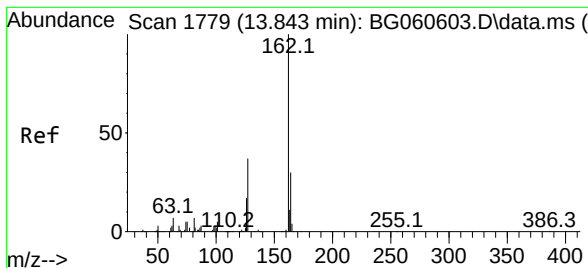
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#43
1,1'-Biphenyl
Concen: 4.341 ng/ul
RT: 13.793 min Scan# 1771
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

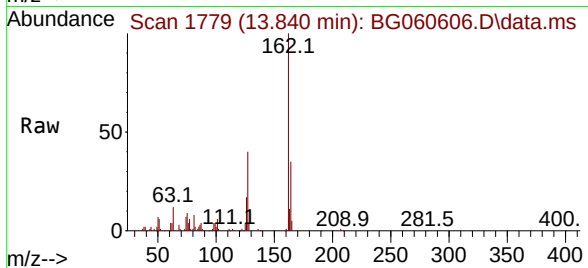
Tgt Ion:154 Resp: 100918
Ion Ratio Lower Upper
154 100
153 42.3 32.6 49.0
76 13.7 12.0 18.0





#44
2-Chloronaphthalene
Concen: 4.320 ng/ul
RT: 13.840 min Scan# 1779
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

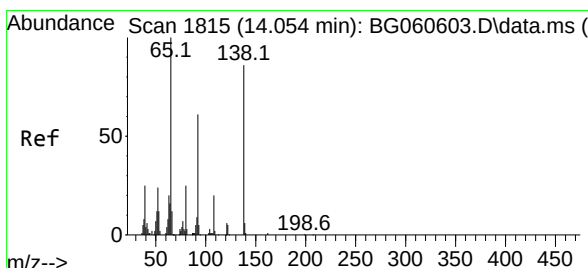
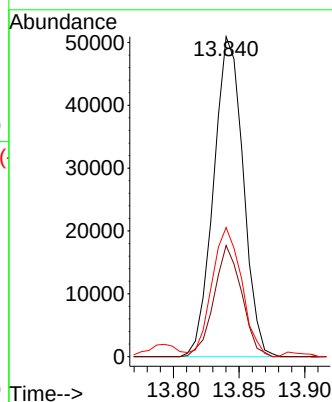
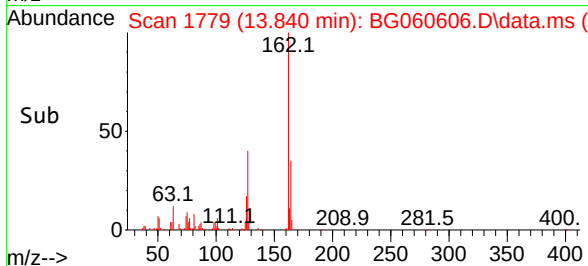
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01



Tgt Ion:162 Resp: 7969
Ion Ratio Lower Upper
162 100
164 34.8 23.8 35.8
127 40.3 32.7 49.1

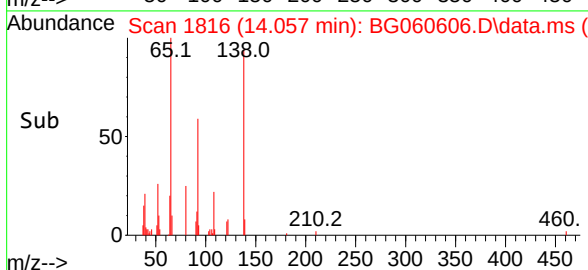
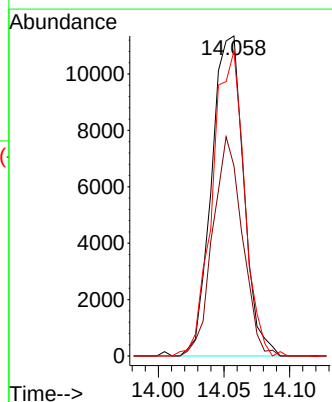
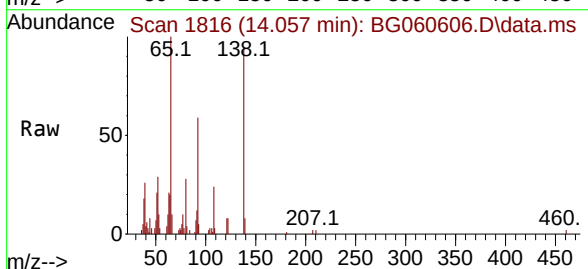
Manual Integrations
APPROVED

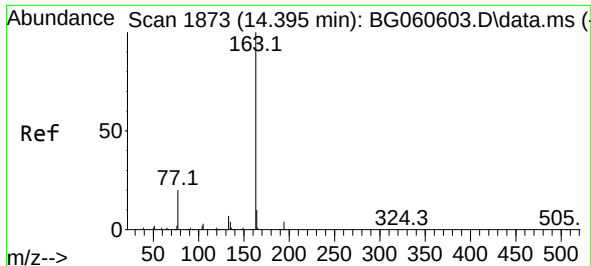
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#45
2-Nitroaniline
Concen: 3.828 ng/ul
RT: 14.057 min Scan# 1816
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

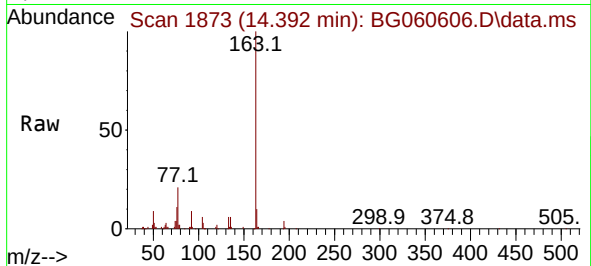
Tgt Ion: 65 Resp: 19291
Ion Ratio Lower Upper
65 100
92 59.4 50.2 75.4
138 95.3 74.3 111.5





#47
Dimethylphthalate
Concen: 4.428 ng/ul
RT: 14.392 min Scan# 1873
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

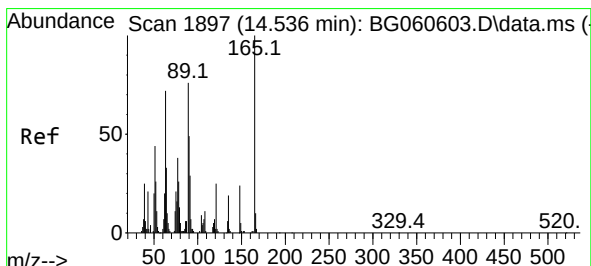
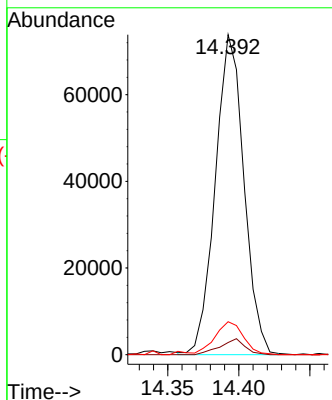
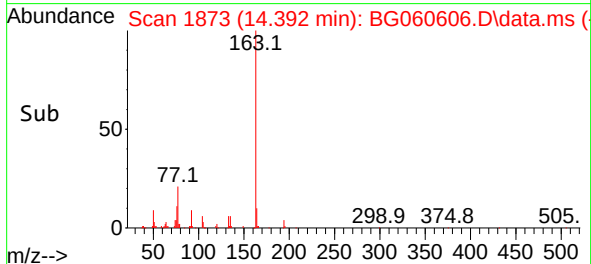
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01



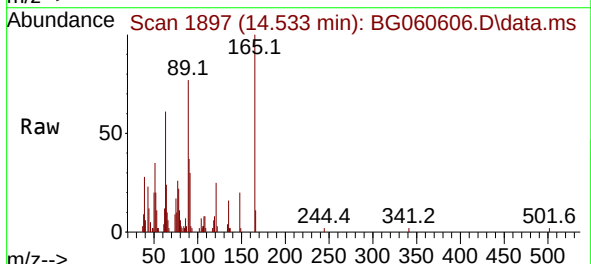
Tgt Ion:163 Resp: 103440
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 8.4 12.6

Manual Integrations
APPROVED

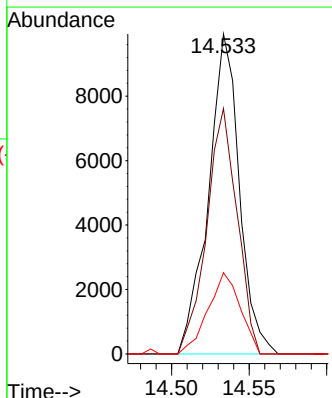
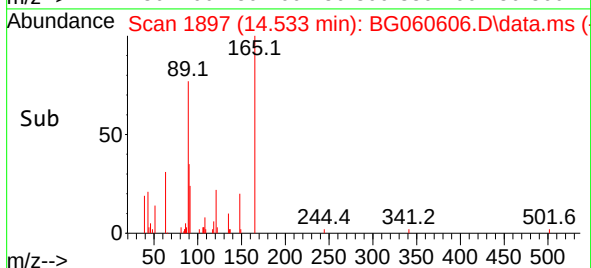
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

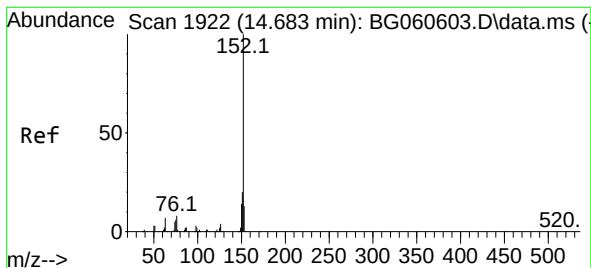


#48
2,6-Dinitrotoluene
Concen: 4.116 ng/ul
RT: 14.533 min Scan# 1897
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16



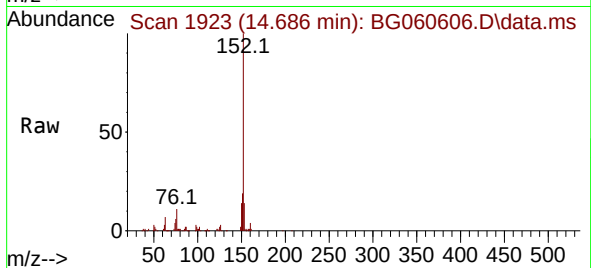
Tgt Ion:165 Resp: 13816
Ion Ratio Lower Upper
165 100
89 76.7 57.8 86.8
121 25.4 16.6 25.0#





#50
Acenaphthylene
Concen: 4.457 ng/ul
RT: 14.686 min Scan# 1922
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

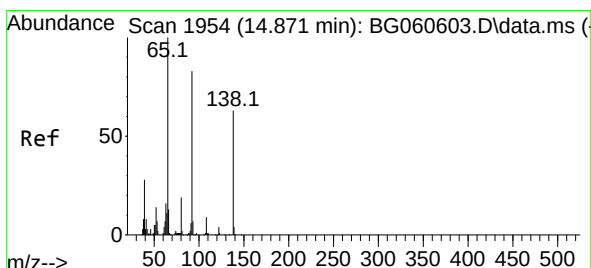
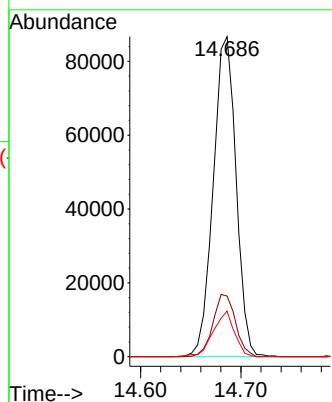
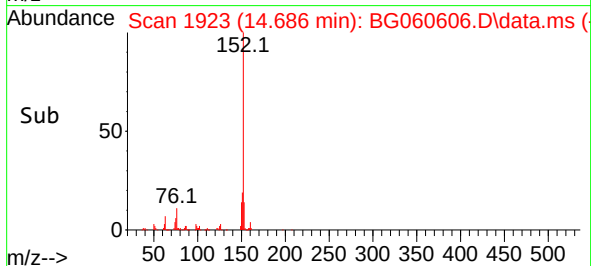
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:152 Resp: 13691
Ion Ratio Lower Upper
152 100
151 19.0 16.1 24.1
153 14.2 10.7 16.1

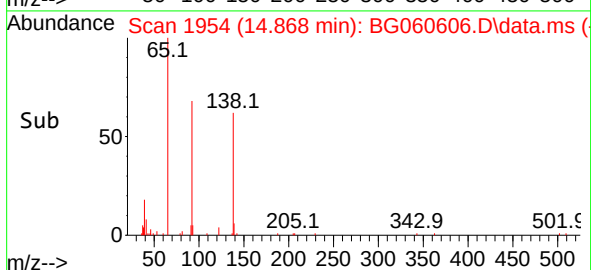
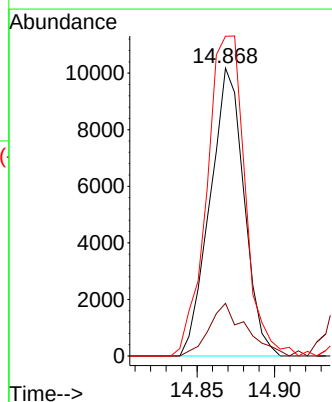
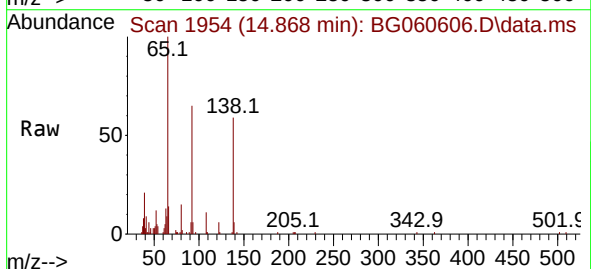
Manual Integrations
APPROVED

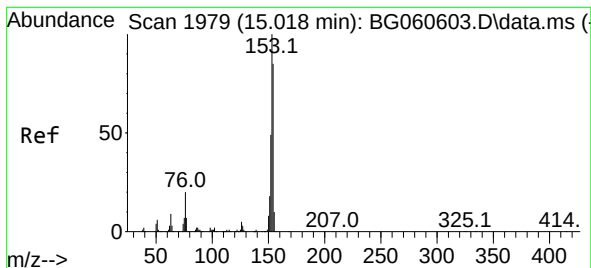
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#51
3-Nitroaniline
Concen: 3.927 ng/ul
RT: 14.868 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

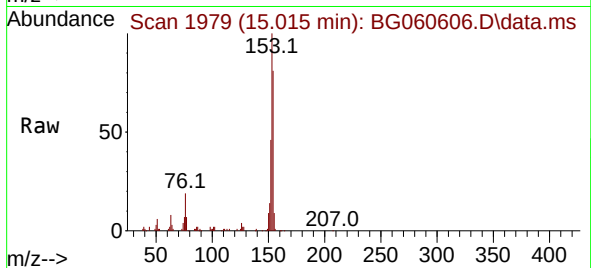
Tgt Ion:138 Resp: 15532
Ion Ratio Lower Upper
138 100
108 18.3 12.6 18.8
92 111.1 96.2 144.2





#52
Acenaphthene
Concen: 4.463 ng/ul
RT: 15.015 min Scan# 1979
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

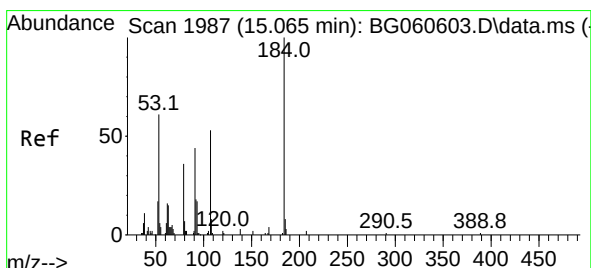
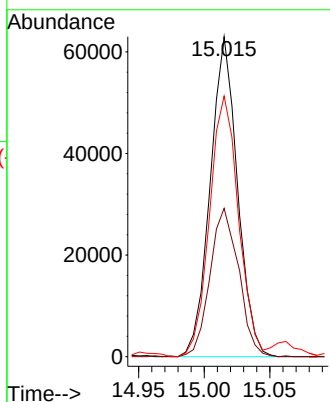
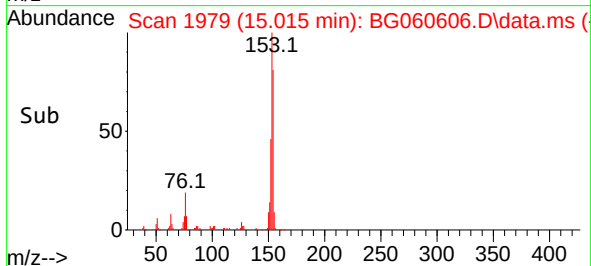
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



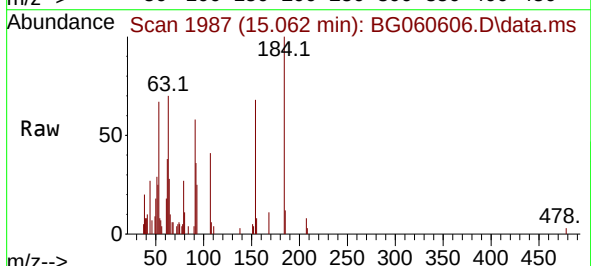
Tgt Ion:153 Resp: 9100
Ion Ratio Lower Upper
153 100
152 46.4 37.5 56.3
154 81.5 67.7 101.5

Manual Integrations
APPROVED

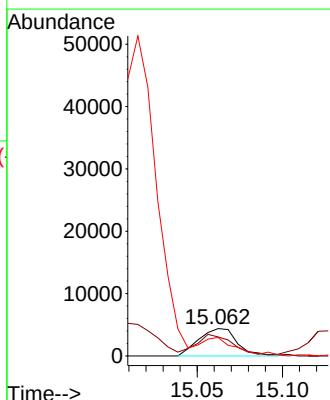
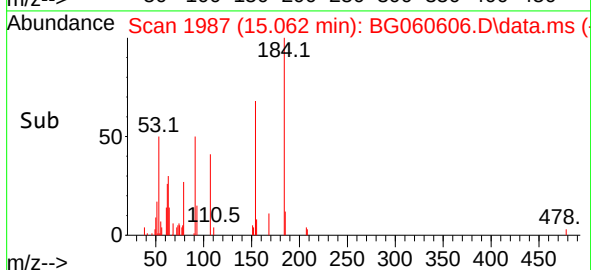
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

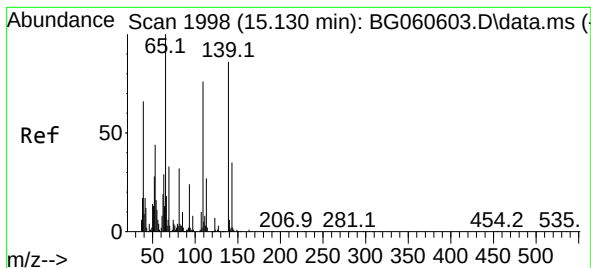


#53
2,4-Dinitrophenol
Concen: 4.040 ng/ul
RT: 15.062 min Scan# 1987
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16



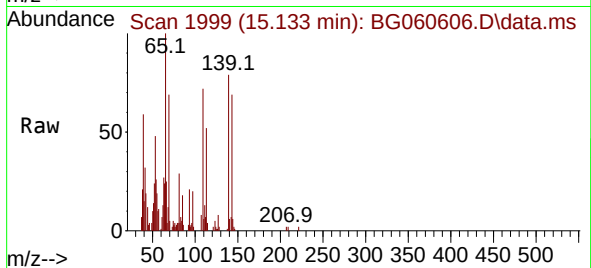
Tgt Ion:184 Resp: 6897
Ion Ratio Lower Upper
184 100
63 69.6 65.4 98.2
154 68.2 54.4 81.6





#55
4-Nitrophenol
Concen: 4.151 ng/ul
RT: 15.133 min Scan# 1998
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

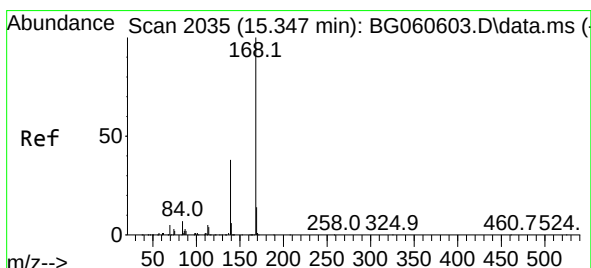
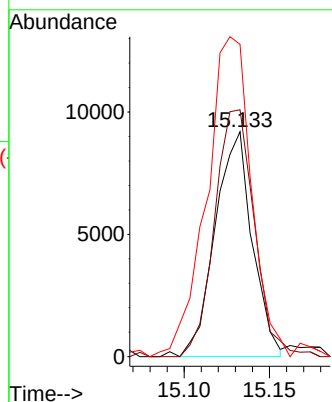
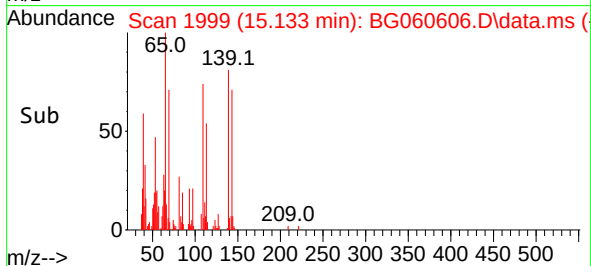
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:109 Resp: 13872
Ion Ratio Lower Upper
109 100
139 109.7 93.0 139.4
65 138.8 111.8 167.8

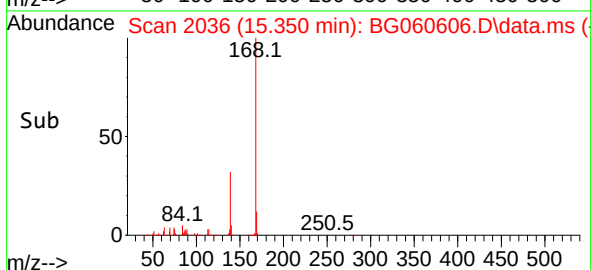
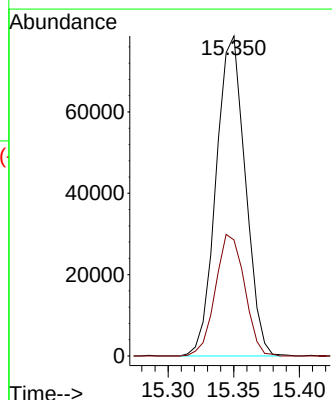
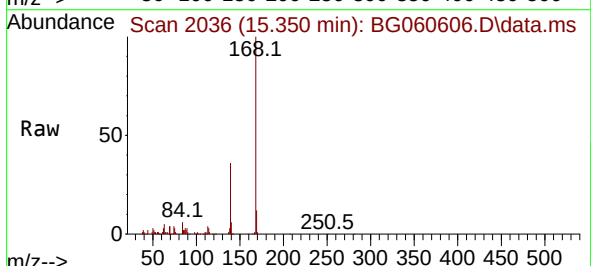
Manual Integrations
APPROVED

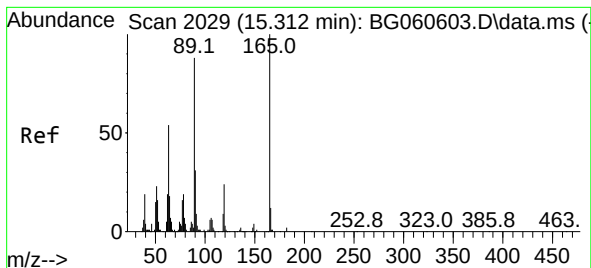
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#56
Dibenzofuran
Concen: 4.454 ng/ul
RT: 15.350 min Scan# 2036
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

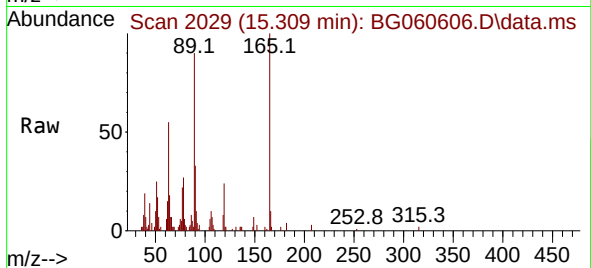
Tgt Ion:168 Resp: 121917
Ion Ratio Lower Upper
168 100
139 36.2 30.2 45.2





#57
2,4-Dinitrotoluene
Concen: 3.895 ng/ul
RT: 15.309 min Scan# 2029
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

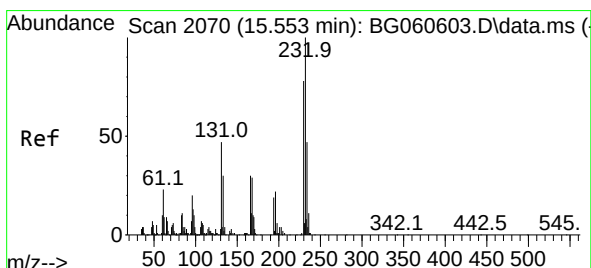
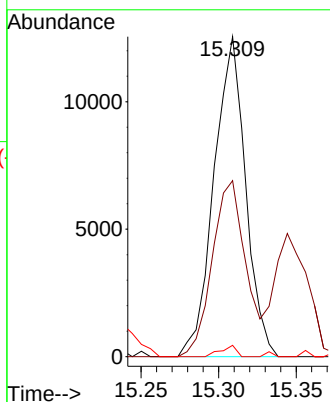
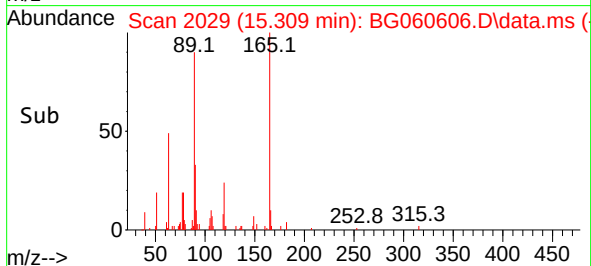
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:165 Resp: 17769
Ion Ratio Lower Upper
165 100
63 55.0 39.8 59.8
182 3.5 2.3 3.5

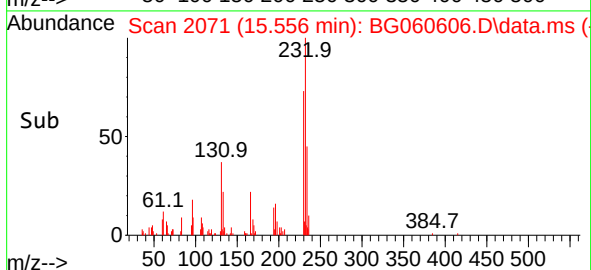
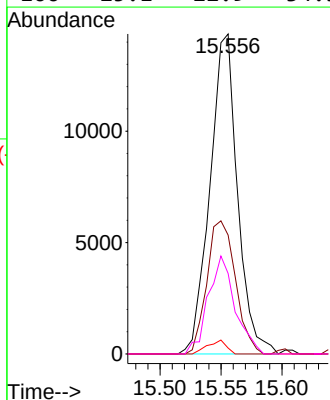
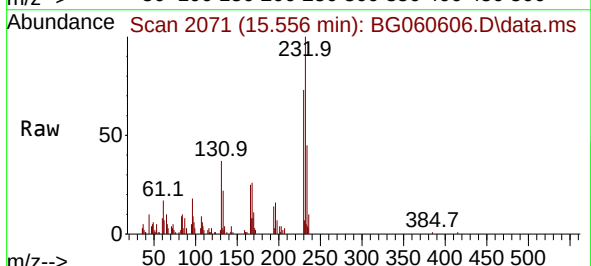
Manual Integrations
APPROVED

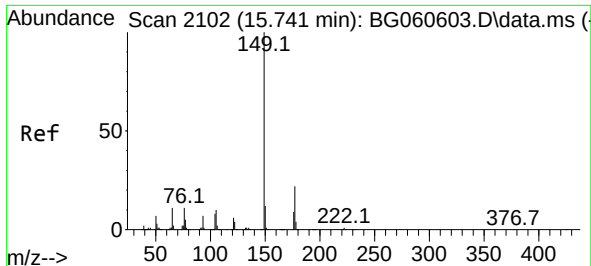
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.198 ng/ul
RT: 15.556 min Scan# 2071
Delta R.T. 0.009 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:232 Resp: 22632
Ion Ratio Lower Upper
232 100
131 37.2 36.2 54.2
130 1.8 2.2 3.2#
166 25.1 22.9 34.3





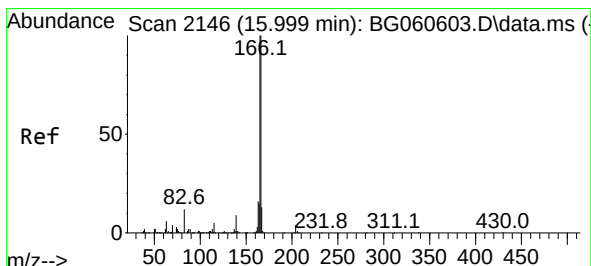
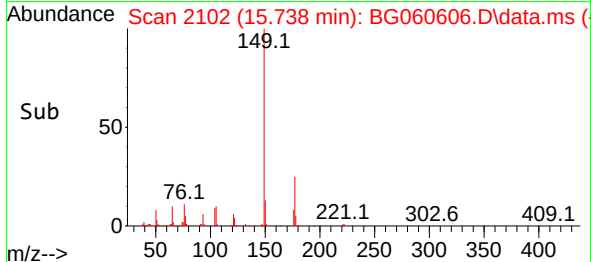
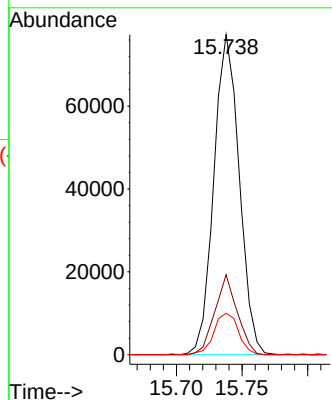
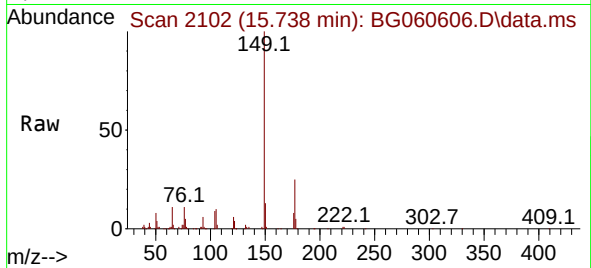
#59
Diethylphthalate
Concen: 4.359 ng/ul
RT: 15.738 min Scan# 2102
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01

Tgt Ion:149 Resp: 10388
Ion Ratio Lower Upper
149 100
177 25.0 17.3 25.9
150 13.0 9.4 14.0

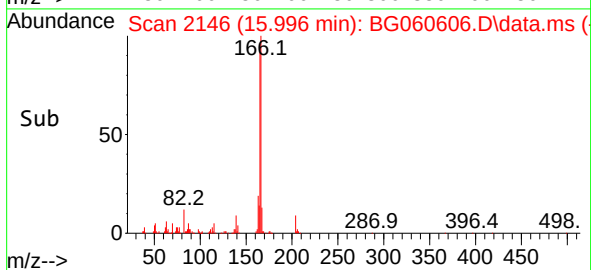
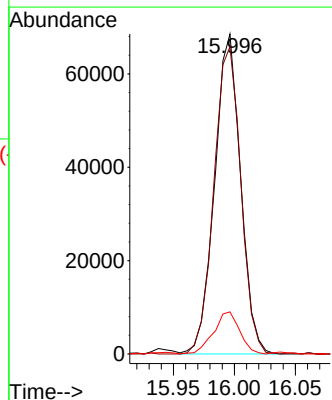
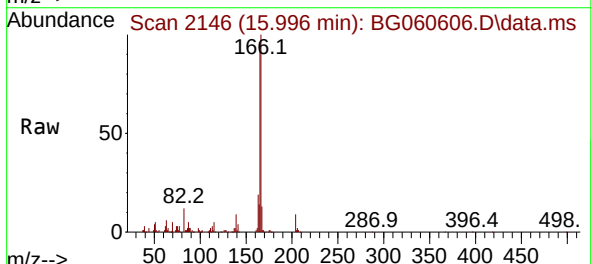
Manual Integrations
APPROVED

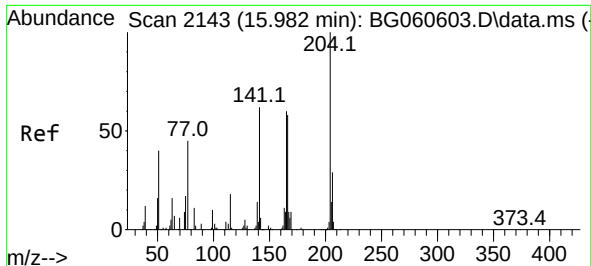
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#61
Fluorene
Concen: 4.482 ng/ul
RT: 15.996 min Scan# 2146
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

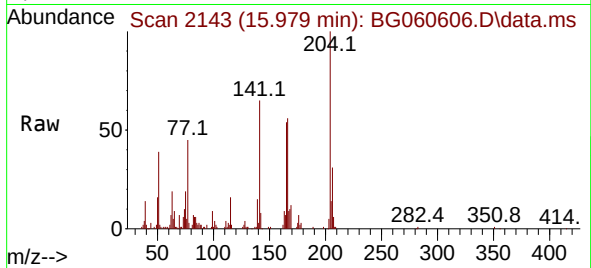
Tgt Ion:166 Resp: 101639
Ion Ratio Lower Upper
166 100
165 96.0 79.8 119.6
167 13.2 9.3 13.9





#62
4-Chlorophenyl-phenylether
Concen: 4.371 ng/ul
RT: 15.979 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

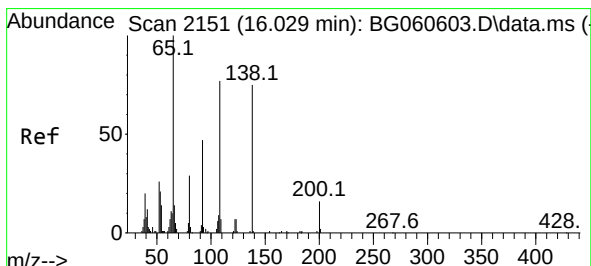
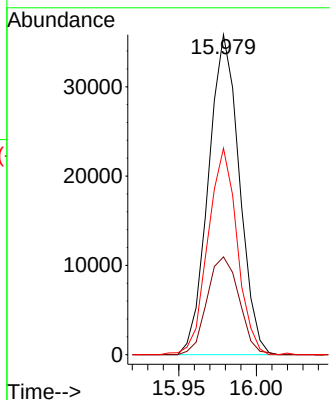
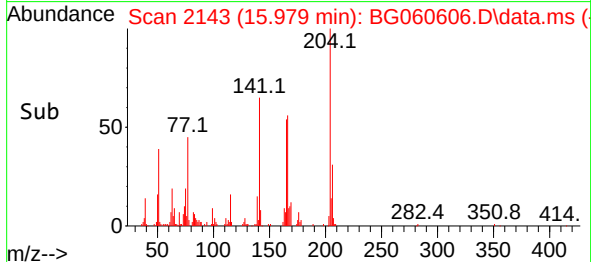
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 4963
Ion Ratio Lower Upper
204 100
206 30.6 26.0 39.0
141 64.5 52.9 79.3

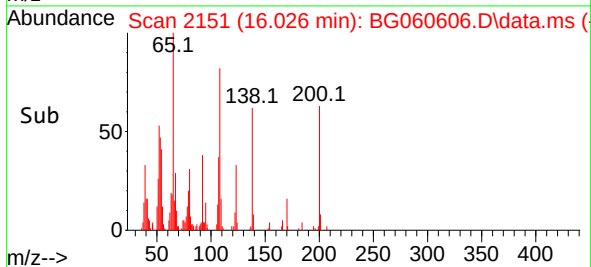
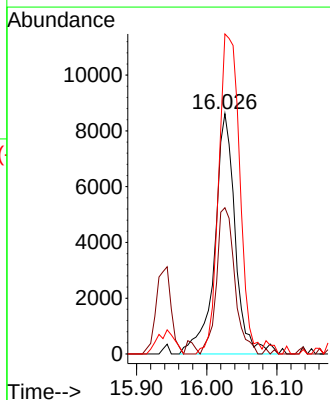
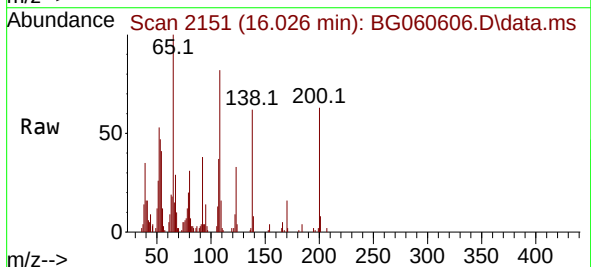
Manual Integrations
APPROVED

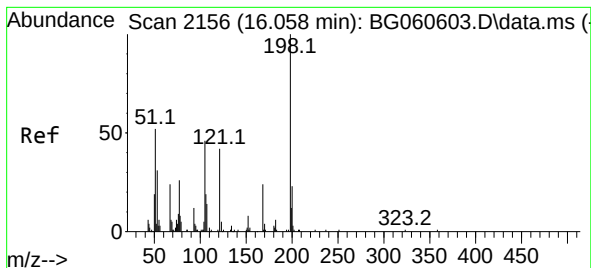
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#63
4-Nitroaniline
Concen: 4.433 ng/ul m
RT: 16.026 min Scan# 2151
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:138 Resp: 17466
Ion Ratio Lower Upper
138 100
92 60.8 46.9 70.3
108 133.2 80.0 120.0#





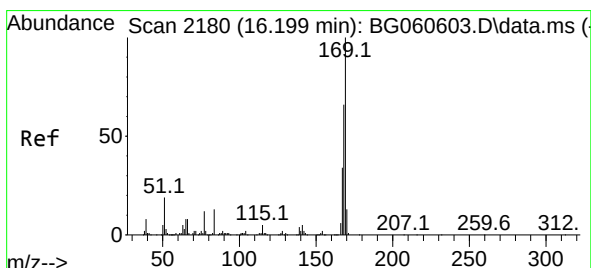
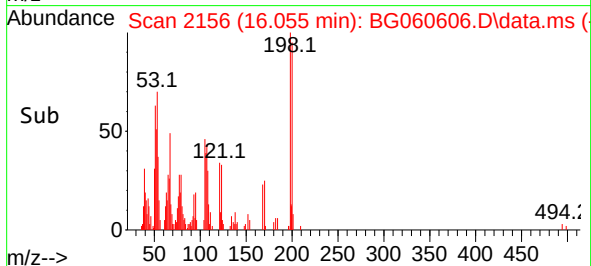
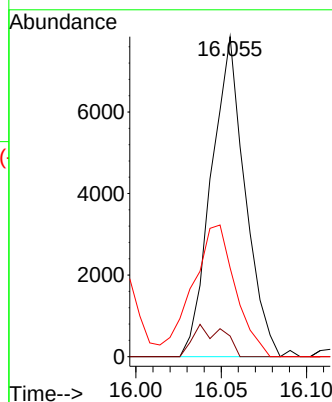
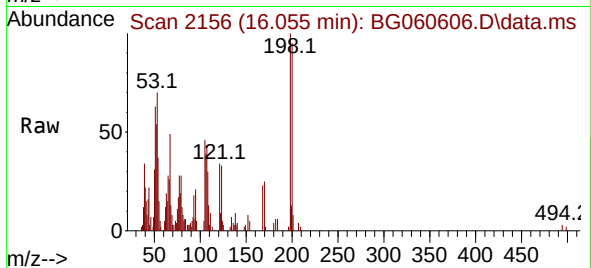
#66
4,6-Dinitro-2-methylphenol
Concen: 3.752 ng/ul
RT: 16.055 min Scan# 2156
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01

Tgt Ion:198 Resp: 1078
Ion Ratio Lower Upper
198 100
182 6.5 5.3 7.9
77 27.8 22.2 33.4

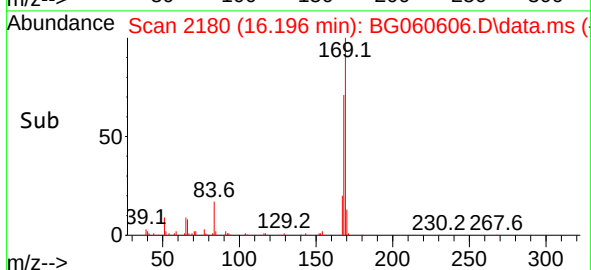
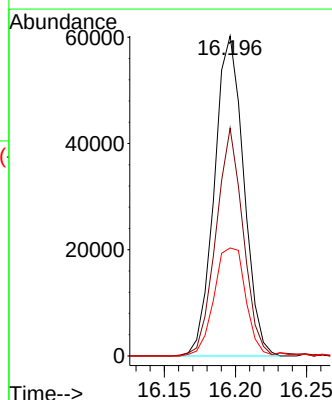
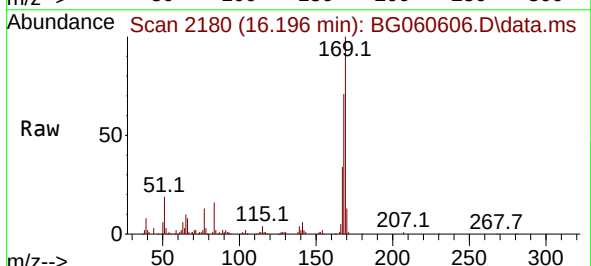
Manual Integrations
APPROVED

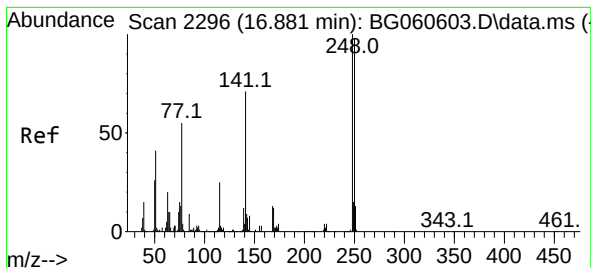
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#67
N-Nitrosodiphenylamine
Concen: 4.220 ng/ul
RT: 16.196 min Scan# 2180
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

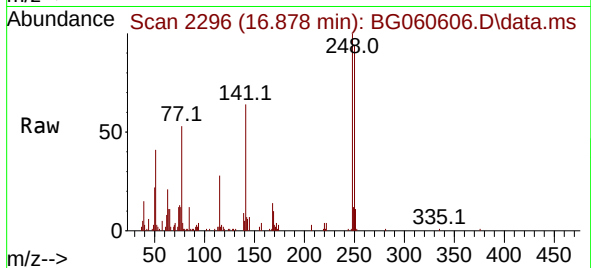
Tgt Ion:169 Resp: 86442
Ion Ratio Lower Upper
169 100
168 71.2 48.6 73.0
167 33.8 27.8 41.6





#68
4-Bromophenyl-phenylether
Concen: 4.185 ng/ul
RT: 16.878 min Scan# 2296
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

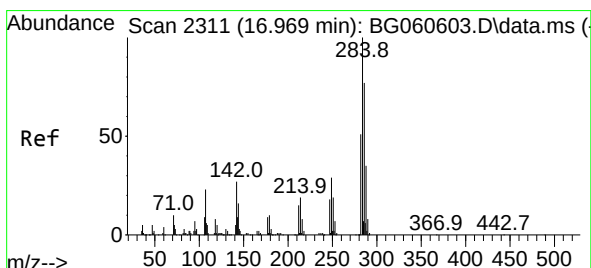
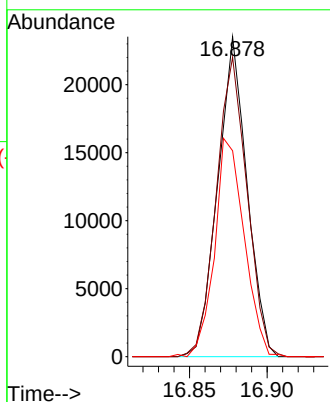
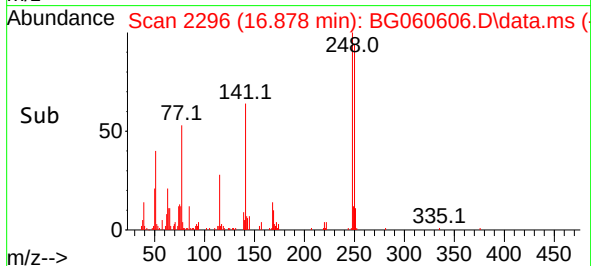
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:248 Resp: 30850
Ion Ratio Lower Upper
248 100
250 93.5 75.1 112.7
141 64.4 55.0 82.4

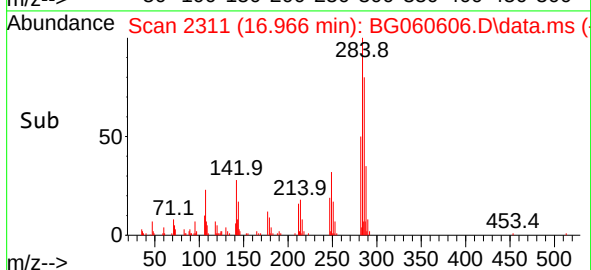
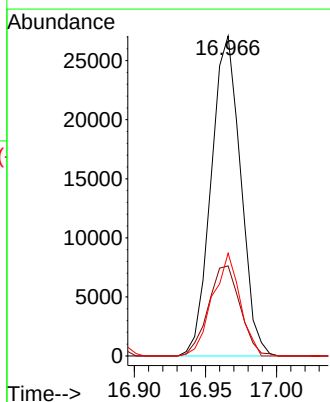
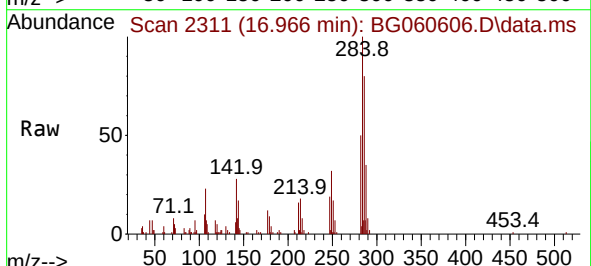
Manual Integrations
APPROVED

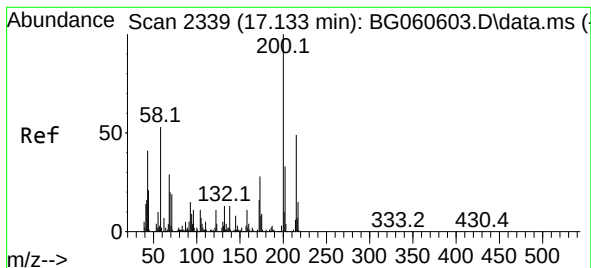
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#69
Hexachlorobenzene
Concen: 4.433 ng/ul
RT: 16.966 min Scan# 2311
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:284 Resp: 39059
Ion Ratio Lower Upper
284 100
142 28.2 24.9 37.3
249 32.1 22.7 34.1





#70

Atrazine

Concen: 4.954 ng/ul

RT: 17.130 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

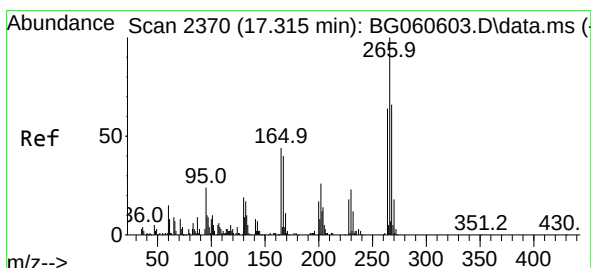
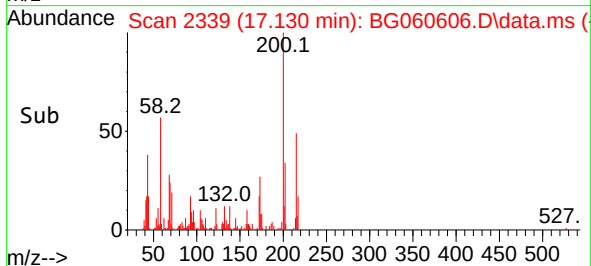
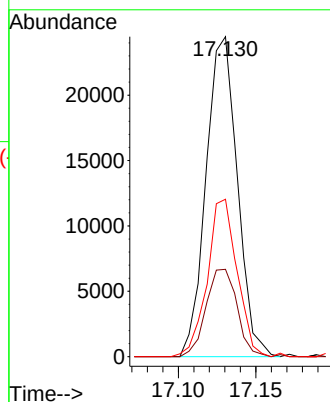
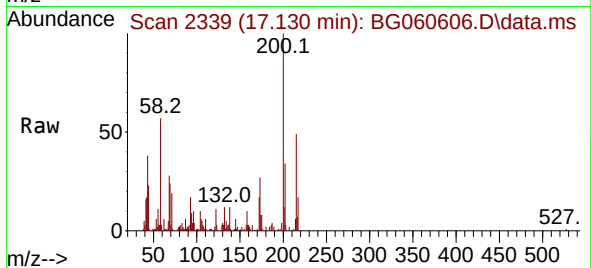
MDL-SOIL-QT1-2024-01

Tgt Ion:	200	Resp:	3438
Ion Ratio	Lower	Upper	
200	100		
173	27.3	22.4	33.6
215	49.2	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#71

Pentachlorophenol

Concen: 3.906 ng/ul

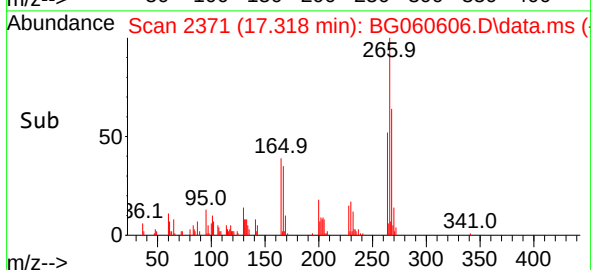
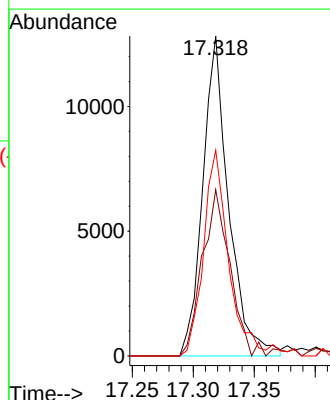
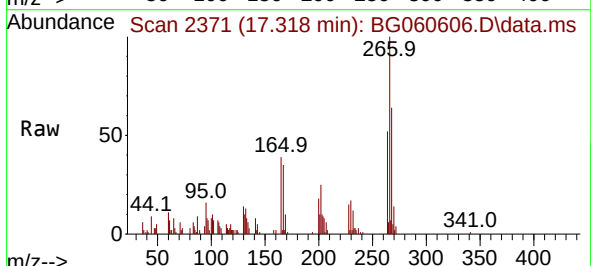
RT: 17.318 min Scan# 2371

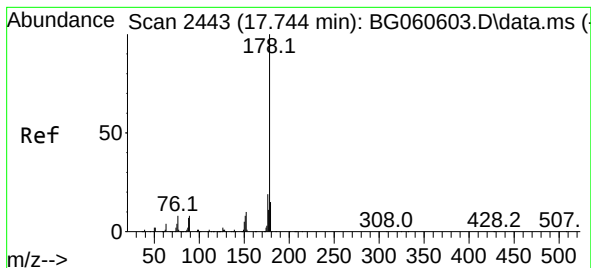
Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Tgt Ion:	266	Resp:	18967
Ion Ratio	Lower	Upper	
266	100		
264	58.1	54.6	81.8
268	64.3	50.3	75.5





#72

Phenanthrene

Concen: 4.408 ng/ul m

RT: 17.741 min Scan# 2443

Delta R.T. -0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

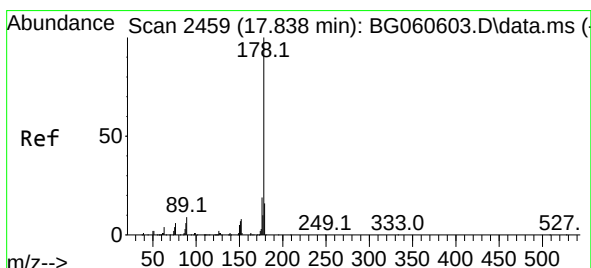
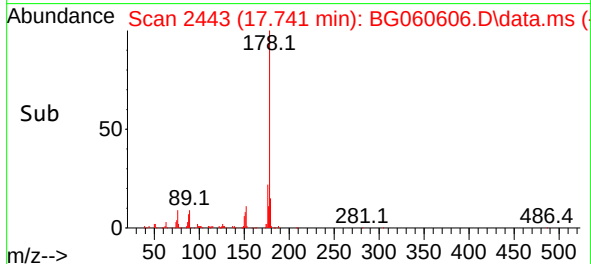
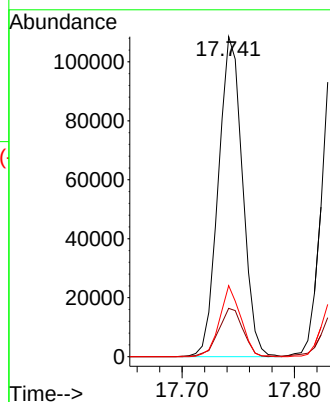
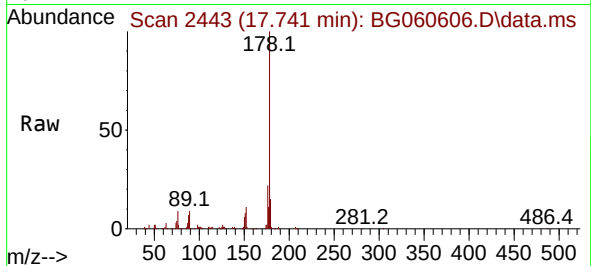
MDL-SOIL-QT1-2024-01

Tgt Ion:178	Resp: 16217
Ion Ratio	Lower Upper
178	100
179	15.1 11.5 17.3
176	22.2 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#74

Anthracene

Concen: 4.161 ng/ul

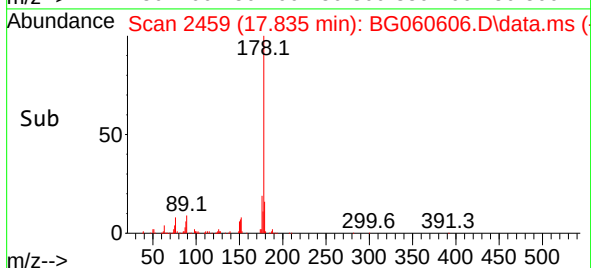
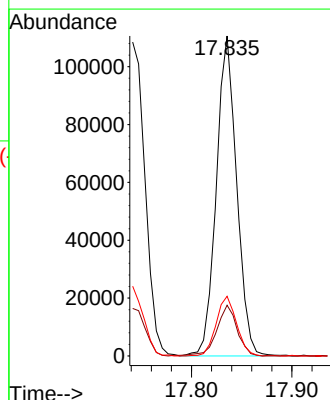
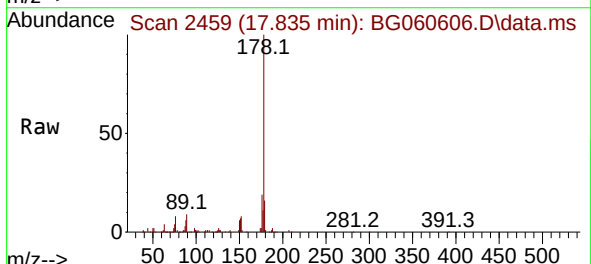
RT: 17.835 min Scan# 2459

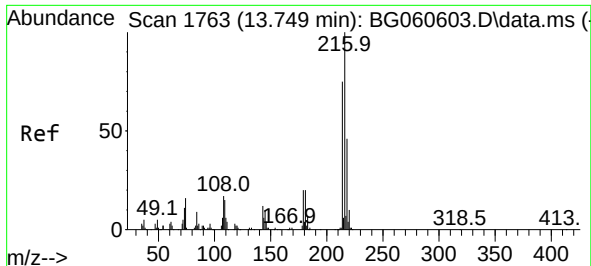
Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

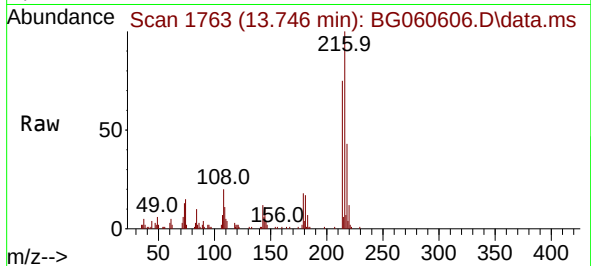
Tgt Ion:178	Resp: 155923
Ion Ratio	Lower Upper
178	100
179	15.8 12.4 18.6
176	18.7 15.4 23.2





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.236 ng/uL
RT: 13.746 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

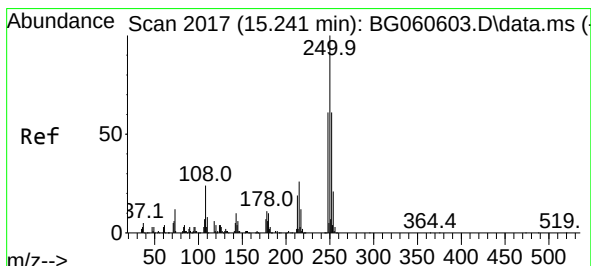
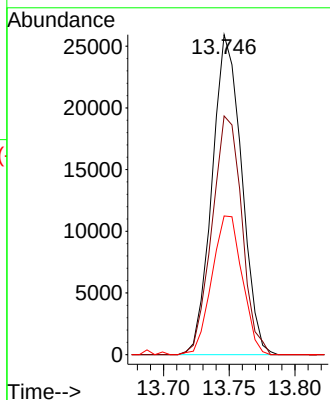
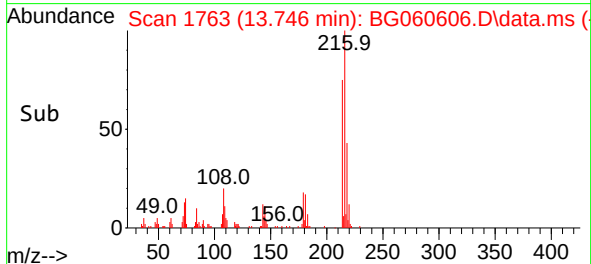
Instrument : BNA_G
ClientSampleId : MDL-SOIL-QT1-2024-01



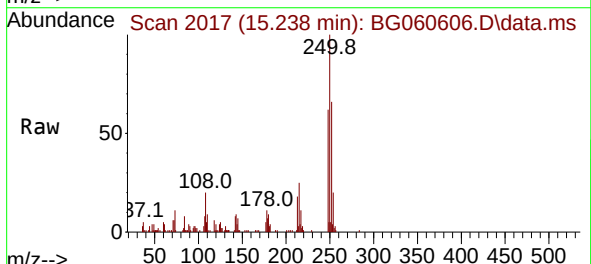
Tgt Ion:216 Resp: 40572
Ion Ratio Lower Upper
216 100
214 74.6 62.3 93.5
218 43.3 38.6 58.0

Manual Integrations
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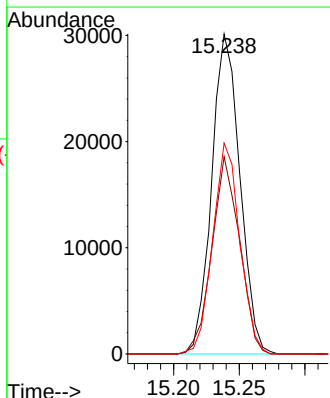
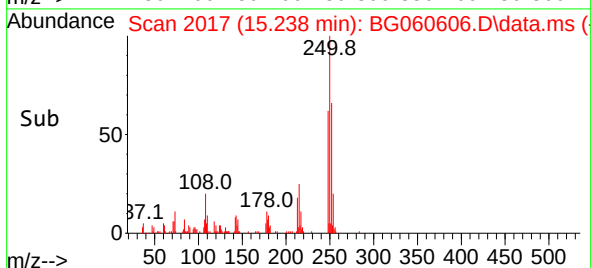
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024

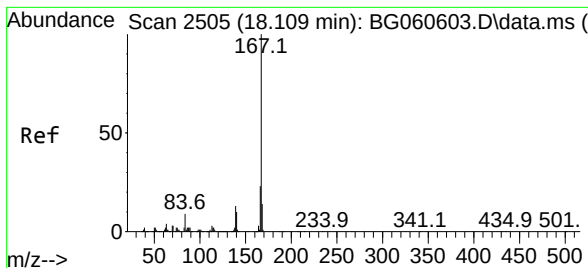


#76
Pentachlorobenzene
Concen: 4.565 ng/uL
RT: 15.238 min Scan# 1717
Delta R.T. -0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16



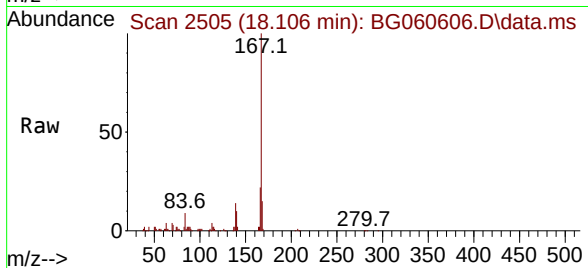
Tgt Ion:250 Resp: 45012
Ion Ratio Lower Upper
250 100
248 61.7 50.2 75.4
252 65.9 50.8 76.2





#77
 Carbazole
 Concen: 4.209 ng/ul
 RT: 18.106 min Scan# 2505
 Delta R.T. 0.003 min
 Lab File: BG060606.D
 Acq: 11 Mar 2024 11:16

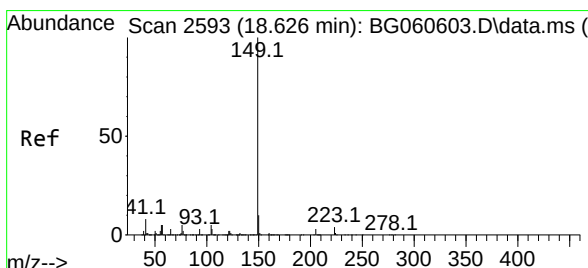
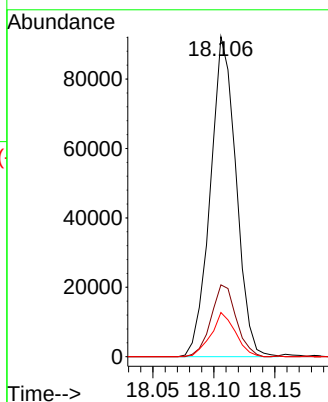
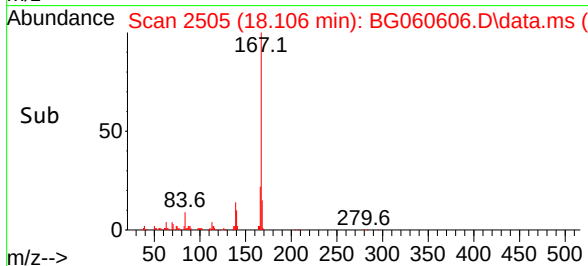
Instrument :
 BNA_G
 ClientSampleId :
 MDL-SOIL-QT1-2024-01



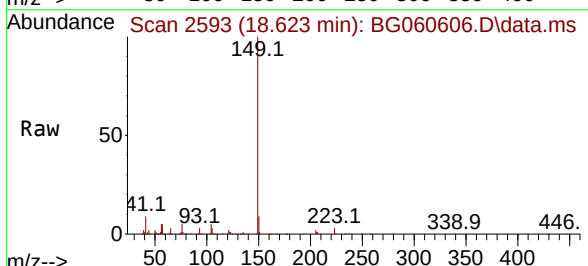
Tgt Ion:167 Resp: 135252
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.5 26.3
 139 13.8 10.0 15.0

Manual Integrations
 APPROVED

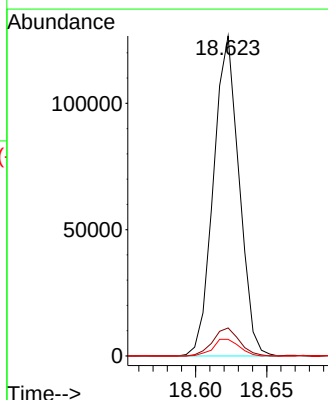
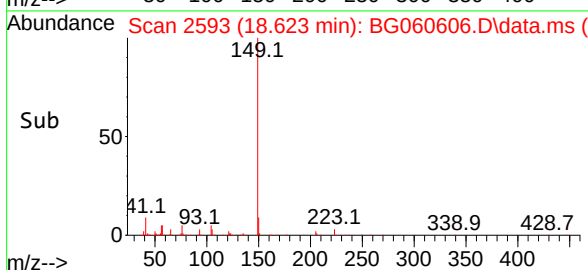
Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

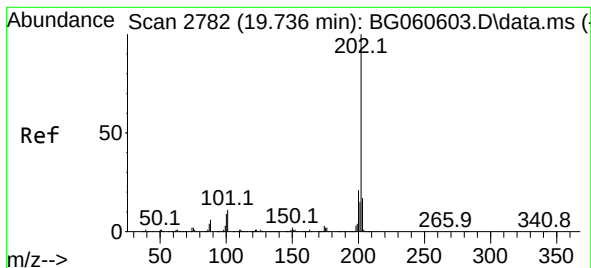


#78
 Di-n-butylphthalate
 Concen: 4.049 ng/ul
 RT: 18.623 min Scan# 2593
 Delta R.T. 0.003 min
 Lab File: BG060606.D
 Acq: 11 Mar 2024 11:16



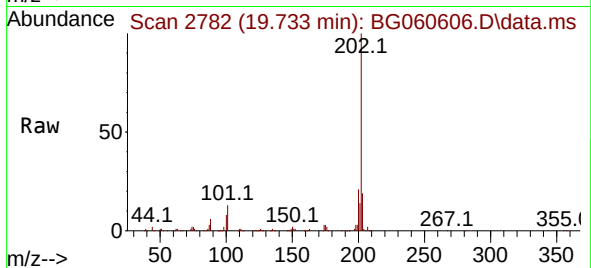
Tgt Ion:149 Resp: 158925
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.8 11.6
 104 5.2 4.5 6.7





#80
Fluoranthene
Concen: 4.425 ng/ul
RT: 19.733 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

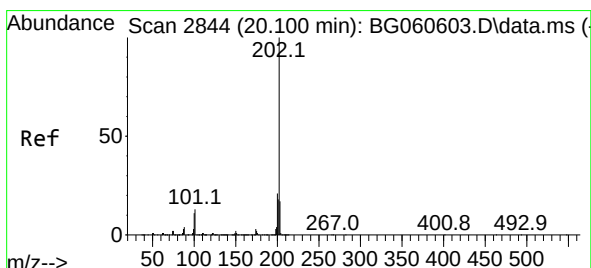
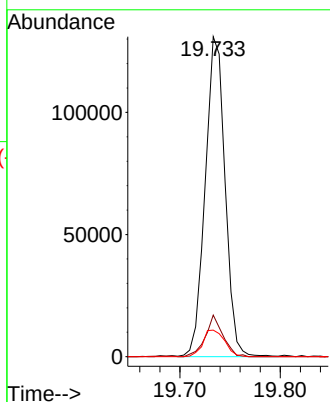
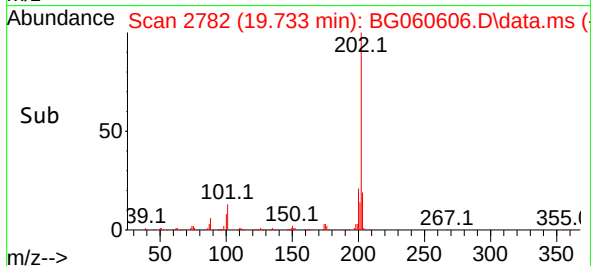
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



Tgt Ion:202 Resp: 180539
Ion Ratio Lower Upper
202 100
101 13.0 9.4 14.0
100 8.3 7.7 11.5

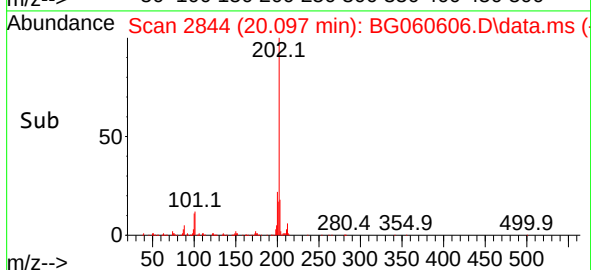
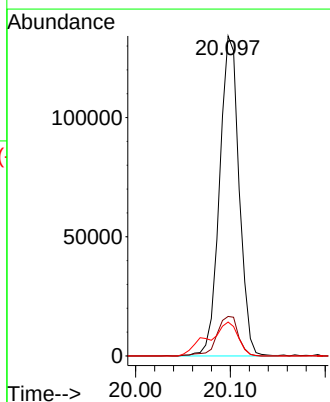
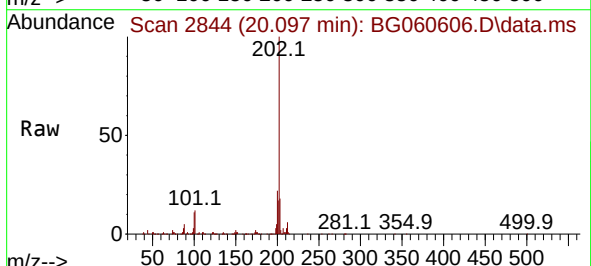
Manual Integrations
APPROVED

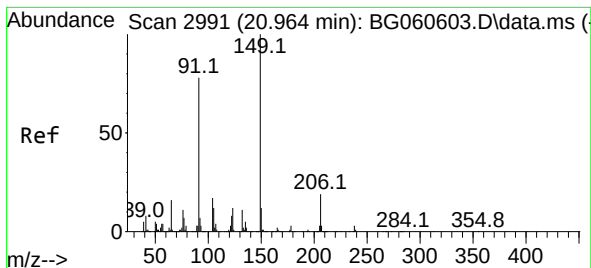
Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#82
Pyrene
Concen: 4.510 ng/ul
RT: 20.097 min Scan# 2844
Delta R.T. 0.003 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

Tgt Ion:202 Resp: 192712
Ion Ratio Lower Upper
202 100
101 12.3 11.0 16.4
100 10.6 8.6 13.0





#83

Butylbenzylphthalate

Concen: 3.856 ng/ul

RT: 20.967 min Scan# 2991

Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

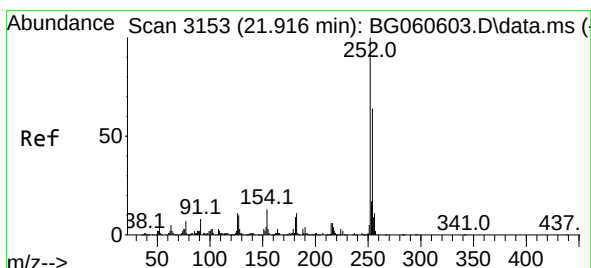
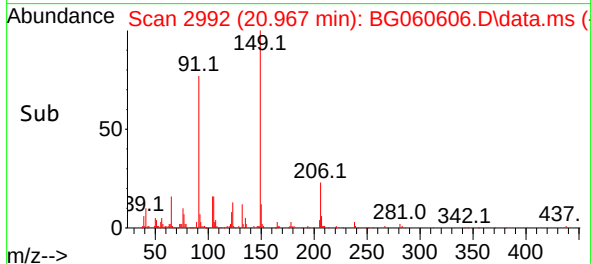
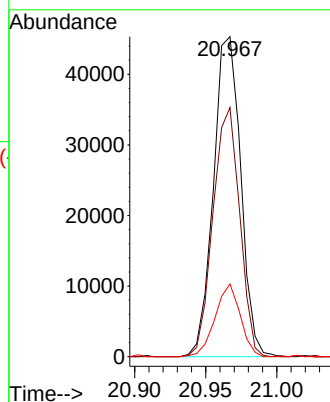
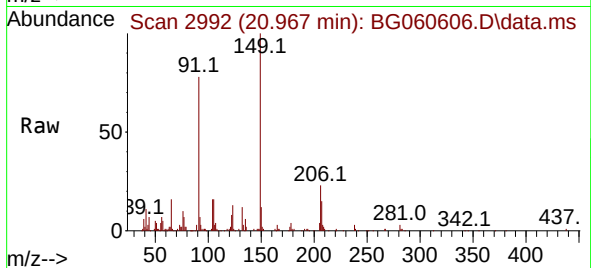
MDL-SOIL-QT1-2024-01

Tgt Ion:	149	Resp:	60592
Ion Ratio	Lower	Upper	
149	100		
91	77.8	58.0	87.0
206	22.8	17.0	25.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.954 ng/ul

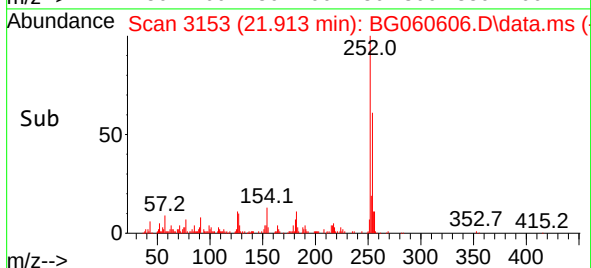
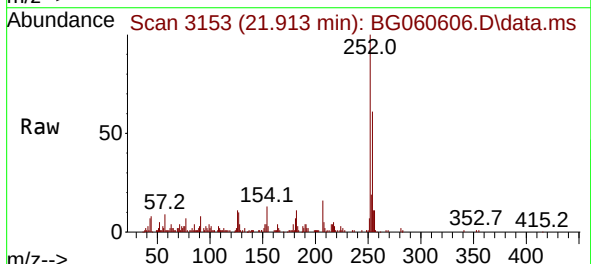
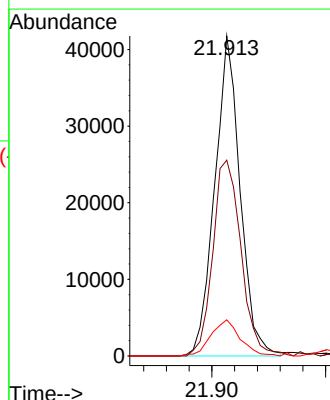
RT: 21.913 min Scan# 3153

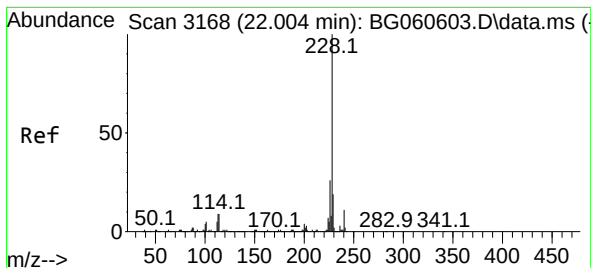
Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Tgt Ion:	252	Resp:	64645
Ion Ratio	Lower	Upper	
252	100		
254	61.2	53.0	79.4
126	11.3	9.0	13.4





#85

Benzo(a)anthracene

Concen: 4.303 ng/ul

RT: 22.001 min Scan# 3168

Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

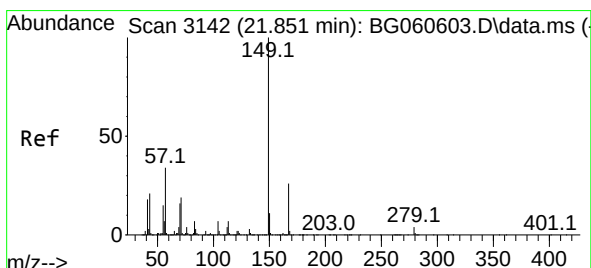
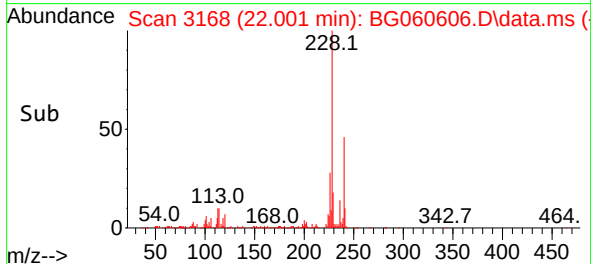
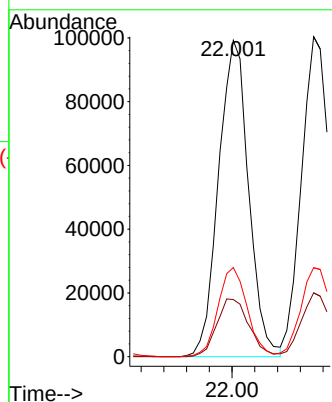
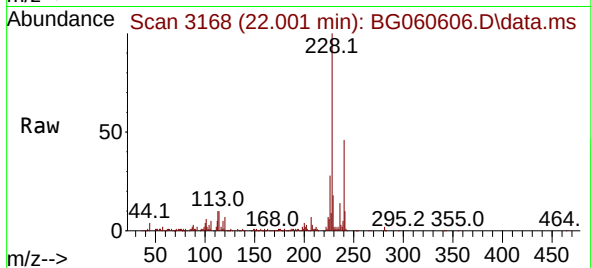
MDL-SOIL-QT1-2024-01

Tgt Ion:	228	Resp:	182344
Ion Ratio	Lower	Upper	
228	100		
229	18.0	15.2	22.8
226	28.1	21.5	32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.888 ng/ul

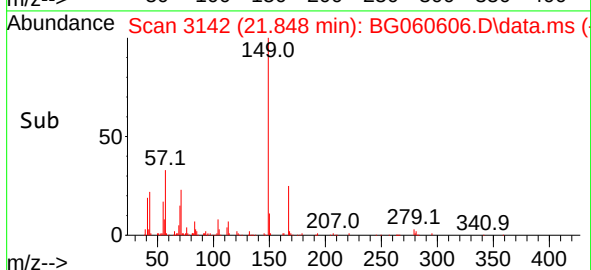
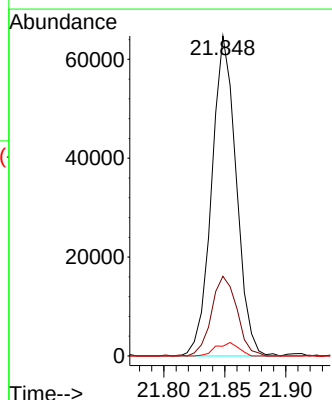
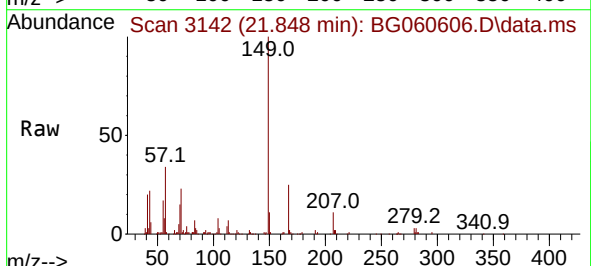
RT: 21.848 min Scan# 3142

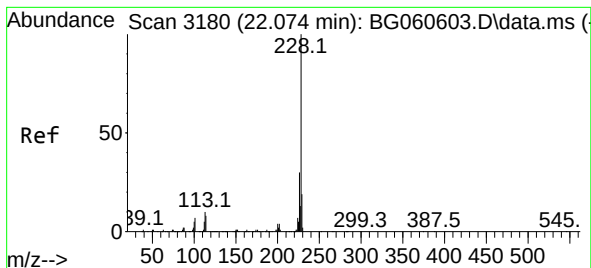
Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Tgt Ion:	149	Resp:	90777
Ion Ratio	Lower	Upper	
149	100		
167	24.9	19.7	29.5
279	3.0	3.2	4.8#





#87

Chrysene

Concen: 4.359 ng/ul

RT: 22.072 min Scan# 3180

Delta R.T. 0.003 min

Lab File: BG060606.D

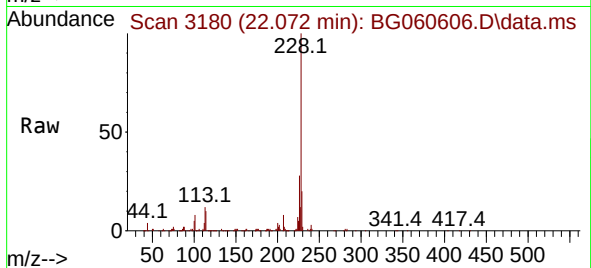
Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

MDL-SOIL-QT1-2024-01



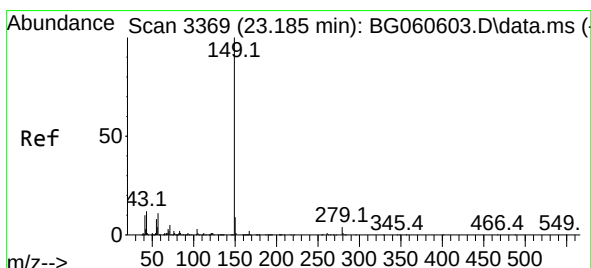
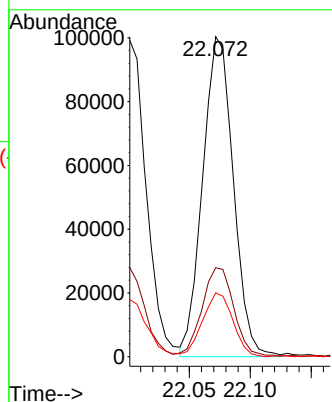
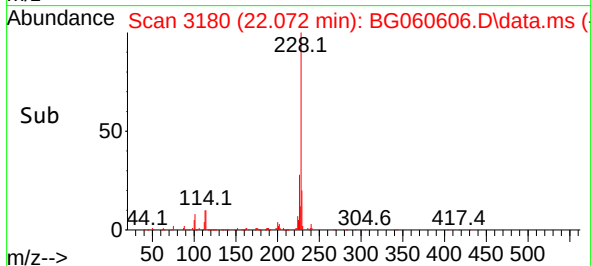
Tgt Ion:228 Resp: 175850

Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.0	36.0
229	19.9	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#89

Di-n-octyl phthalate

Concen: 3.827 ng/ul

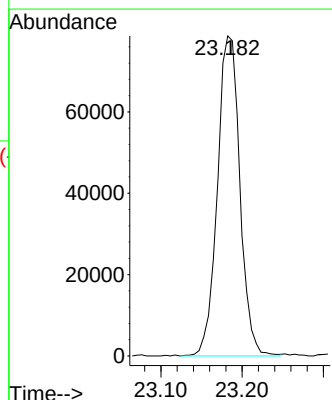
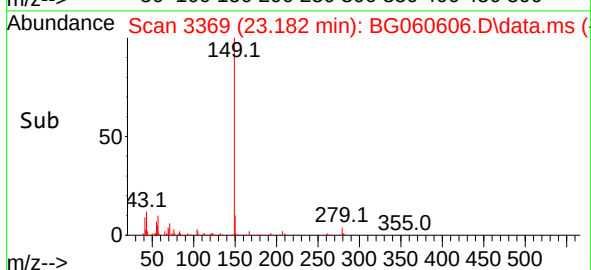
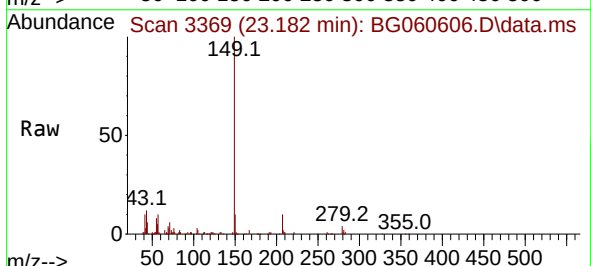
RT: 23.182 min Scan# 3369

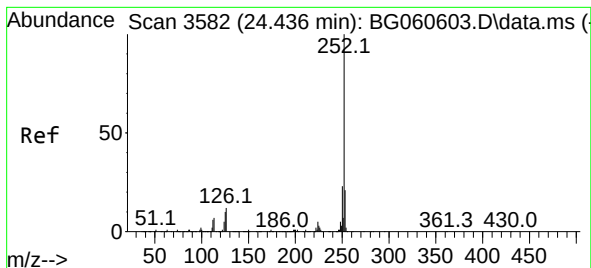
Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Tgt Ion:149 Resp: 151503





#90

Benzo(b)fluoranthene

Concen: 4.185 ng/ul m

RT: 24.428 min Scan# 3582

Delta R.T. 0.003 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

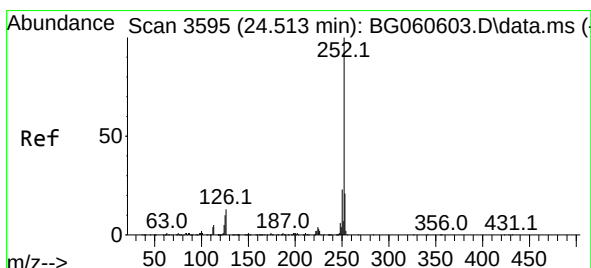
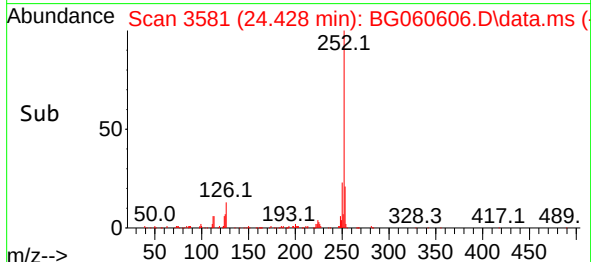
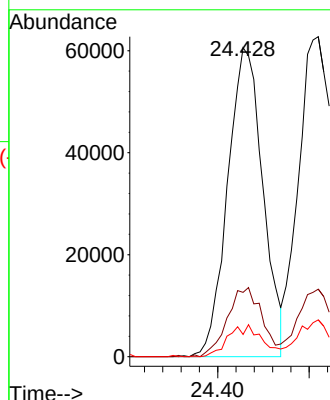
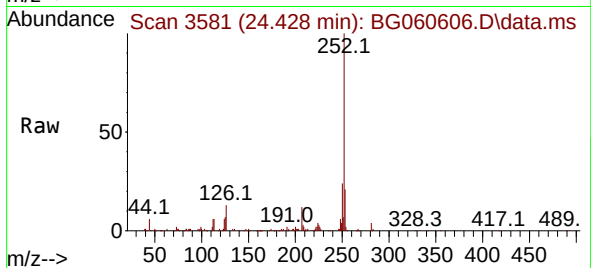
MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	16193
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.4	27.6
125	7.2	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#91

Benzo(k)fluoranthene

Concen: 4.271 ng/ul m

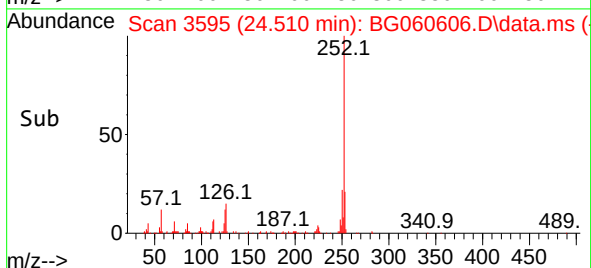
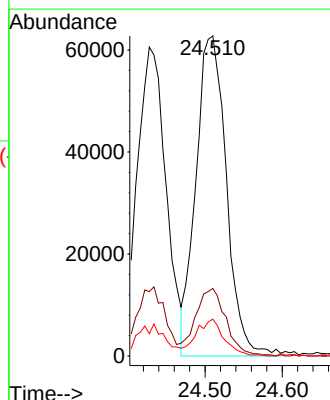
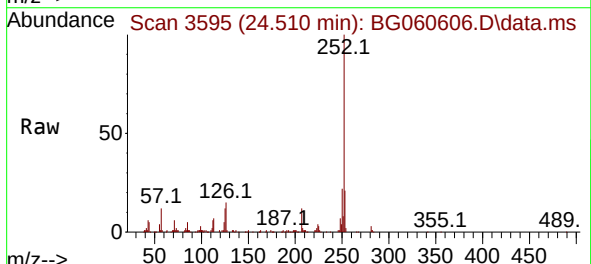
RT: 24.510 min Scan# 3595

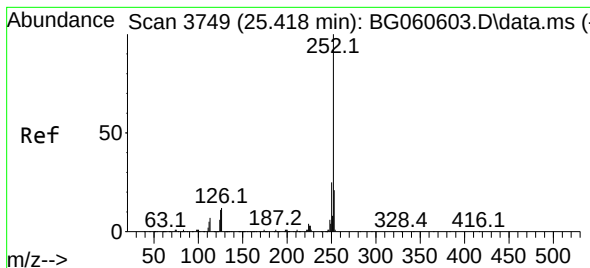
Delta R.T. 0.009 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Tgt Ion:	252	Resp:	172523
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.3	25.9
125	11.5	7.0	10.6





#93

Benzo(a)pyrene

Concen: 4.380 ng/ul

RT: 25.415 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

Instrument :

BNA_G

ClientSampleId :

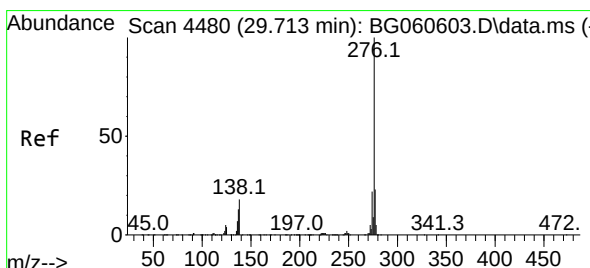
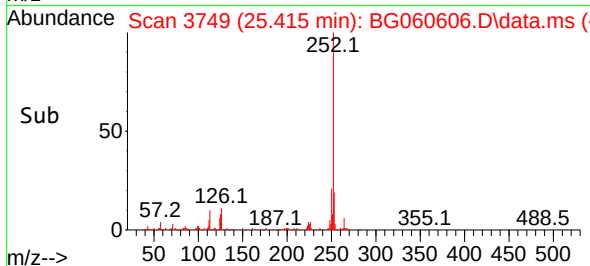
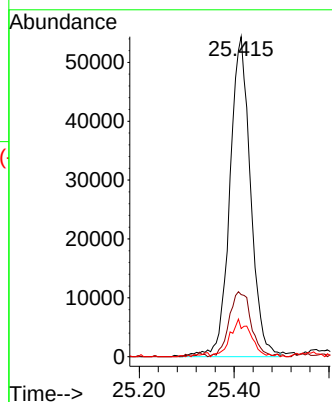
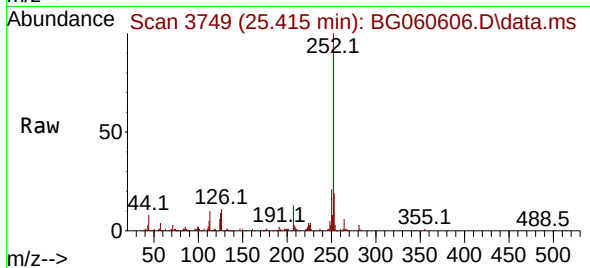
MDL-SOIL-QT1-2024-01

Tgt Ion:	252	Resp:	16441
Ion Ratio	Lower	Upper	
252	100		
253	19.4	17.1	25.7
125	8.8	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.140 ng/ul m

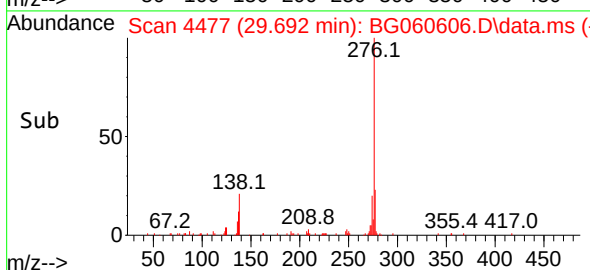
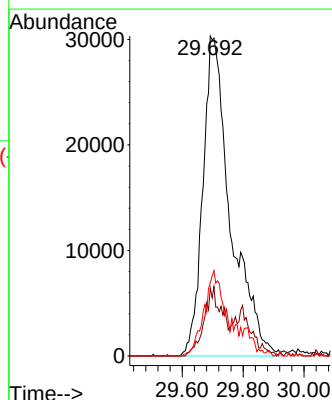
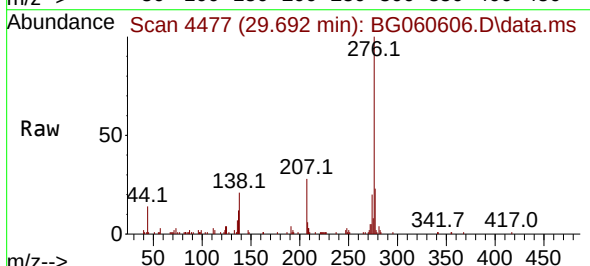
RT: 29.692 min Scan# 4477

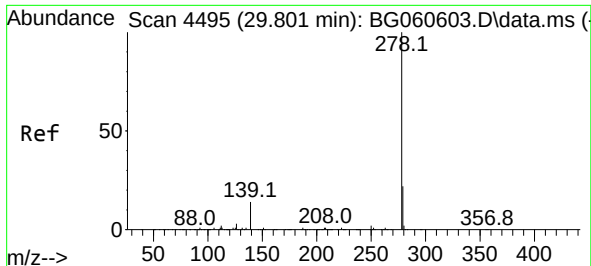
Delta R.T. 0.009 min

Lab File: BG060606.D

Acq: 11 Mar 2024 11:16

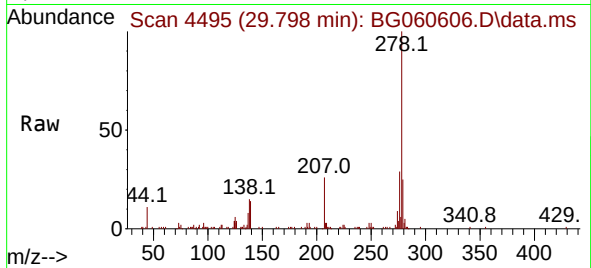
Tgt Ion:	276	Resp:	191936
Ion Ratio	Lower	Upper	
276	100		
138	21.2	13.7	20.5#
277	22.9	18.5	27.7





#95
Dibenzo(a,h)anthracene
Concen: 4.127 ng/ul m
RT: 29.798 min Scan# 4495
Delta R.T. 0.015 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16

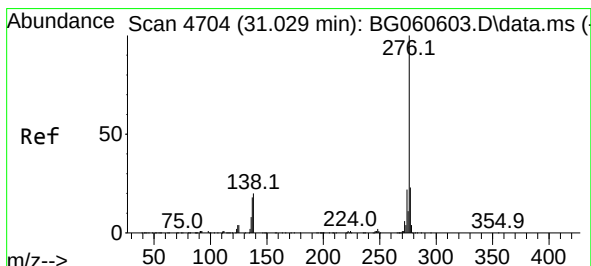
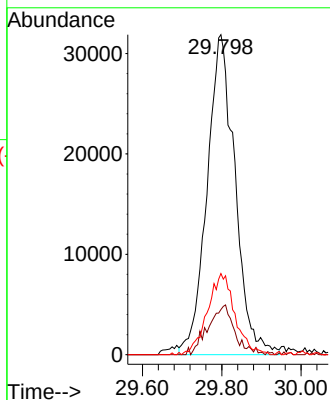
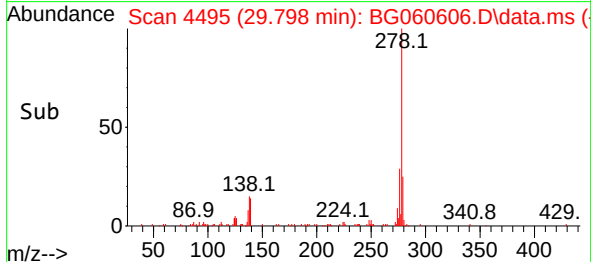
Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-QT1-2024-01



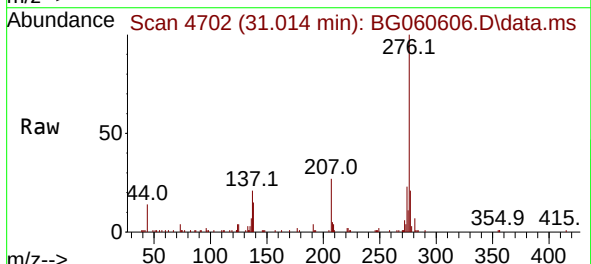
Tgt Ion:278 Resp: 156338
Ion Ratio Lower Upper
278 100
139 14.1 11.6 17.4
279 25.3 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
Supervised By :mohammad ahmed 03/12/2024



#96
Benzo(g,h,i)perylene
Concen: 3.998 ng/ul
RT: 31.014 min Scan# 4702
Delta R.T. 0.021 min
Lab File: BG060606.D
Acq: 11 Mar 2024 11:16



Tgt Ion:276 Resp: 148830
Ion Ratio Lower Upper
276 100
138 14.6 15.2 22.8#
277 21.0 18.9 28.3

