

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010923\
 Data File : BM038410.D
 Acq On : 09 Jan 2023 12:03
 Operator : CG/JU
 Sample : N4239-03
 Misc : SFAM-MDL-S-01-4PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2022-05

Quant Time: Jan 09 12:37:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	54102	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	204403	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	135624	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	317739	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	355122	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	421981	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	7215	4.325	ng/uL	0.00
4) Pyridine-d5	3.799	84	60329	12.499	ng/u1	0.00
7) Phenol-d5	7.157	99	86760	17.604	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	66993	18.895	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	64136	18.162	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	64995	17.084	ng/u1	-0.01
21) Nitrobenzene-d5	9.169	128	29143	18.173	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	34195	18.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	62735	17.862	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	78211	16.137	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	188912	18.392	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	207446	17.331	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	26492	14.328	ng/u1	-0.01
60) Fluorene-d10	15.615	176	166396	17.814	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	33443	14.523	ng/u1	0.00
73) Anthracene-d10	17.468	188	266661	17.398	ng/u1	0.00
81) Pyrene-d10	19.756	212	334287	16.916	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	372855	17.790	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	2233	1.254	ng/uL#	84
5) Pyridine	3.822	79	18855	3.698	ng/u1#	76
6) Benzaldehyde	7.134	77	12898m	6.365	ng/u1	
8) Phenol	7.181	94	20641	3.970	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.416	93	17294	4.154	ng/u1	93
12) 2-Chlorophenol	7.557	128	14935	4.095	ng/u1	96
13) 2-Methylphenol	8.445	108	12869	3.465	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.528	45	26719	4.046	ng/u1	98
16) Acetophenone	8.828	105	24958	3.707	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.804	70	14871	4.100	ng/u1	97
18) 4-Methylphenol	8.769	108	15103	3.738	ng/u1	91
19) Hexachloroethane	9.075	117	7512	4.423	ng/u1	96
22) Nitrobenzene	9.210	77	23043	4.357	ng/u1	95
23) Isophorone	9.733	82	37551	4.141	ng/u1	99
25) 2-Nitrophenol	9.928	139	8136	4.295	ng/u1	95
26) 2,4-Dimethylphenol	9.980	107	17498	3.951	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.216	93	21531	4.150	ng/u1#	86
29) 2,4-Dichlorophenol	10.457	162	13821	4.047	ng/u1	96
30) Naphthalene	10.857	128	44812	4.110	ng/u1	98
32) 4-Chloroaniline	10.975	127	19089	3.865	ng/u1	90
33) Hexachlorobutadiene	11.133	225	10493	4.127	ng/u1#	89
34) Caprolactam	11.774	113	3393m	3.481	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	13222	3.638	ng/u1	94
36) 2-Methylnaphthalene	12.463	142	27770	3.907	ng/u1	93

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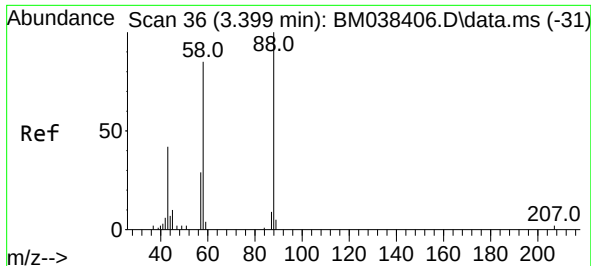
Quant Time: Jan 09 12:37:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010423.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 05 02:11:50 2023
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Manual Integrations
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Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

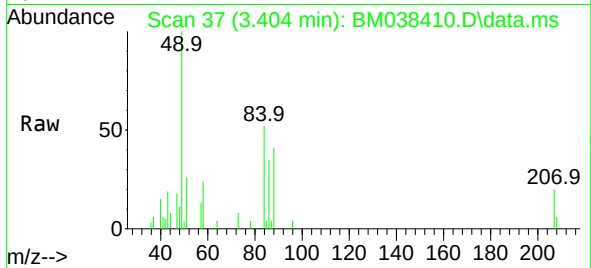
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	27377	3.723	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.827	216	18760	3.912	ng/ul	100
40) Hexachlorocyclopentadiene	12.798	237	11427	3.374	ng/ul	92
41) 2,4,6-Trichlorophenol	13.068	196	11469	3.853	ng/ul	97
42) 2,4,5-Trichlorophenol	13.145	196	12017m	3.767	ng/ul	
43) 1,1'-Biphenyl	13.463	154	39349	3.838	ng/ul	94
44) 2-Chloronaphthalene	13.510	162	32267	3.855	ng/ul	96
45) 2-Nitroaniline	13.721	65	9950m	3.553	ng/ul	
47) Dimethylphthalate	14.086	163	42465	4.074	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	7024	3.539	ng/ul	87
50) Acenaphthylene	14.351	152	49268	3.880	ng/ul	99
51) 3-Nitroaniline	14.545	138	5833m	3.192	ng/ul	
52) Acenaphthene	14.692	153	36107	4.018	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	5598m	3.773	ng/ul	
55) 4-Nitrophenol	14.845	109	7057	3.646	ng/ul	94
56) Dibenzofuran	15.021	168	50528	3.957	ng/ul	90
57) 2,4-Dinitrotoluene	14.998	165	10776	3.711	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.251	232	10908	3.829	ng/ul	94
59) Diethylphthalate	15.439	149	43784	4.053	ng/ul	99
61) Fluorene	15.668	166	42260	3.854	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	22650	3.925	ng/ul	98
63) 4-Nitroaniline	15.704	138	6112m	3.495	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	9100	4.124	ng/ul#	91
67) N-Nitrosodiphenylamine	15.880	169	33804	3.731	ng/ul	95
68) 4-Bromophenyl-phenylether	16.557	248	12872	3.824	ng/ul	98
69) Hexachlorobenzene	16.668	284	15634	4.027	ng/ul	95
70) Atrazine	16.827	200	13443	3.590	ng/ul	95
71) Pentachlorophenol	17.021	266	9395m	3.667	ng/ul	
72) Phenanthrene	17.409	178	67164	3.874	ng/ul	99
74) Anthracene	17.503	178	69034	3.872	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	17547	3.659	ng/ul	98
76) Pentachlorobenzene	14.939	250	16750	3.625	ng/ul	96
77) Carbazole	17.774	167	54142	3.312	ng/ul	97
78) Di-n-butylphthalate	18.327	149	75144	3.848	ng/ul	99
80) Fluoranthene	19.421	202	80674	3.610	ng/ul	99
82) Pyrene	19.780	202	91810	3.769	ng/ul	98
83) Butylbenzylphthalate	20.668	149	34324	3.675	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.456	252	28115	3.796	ng/ul	99
85) Benzo(a)anthracene	21.521	228	97325	3.851	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	54539	3.783	ng/ul	99
87) Chrysene	21.574	228	93911	3.868	ng/ul	98
89) Di-n-octyl phthalate	22.362	149	93227	3.088	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	97938	3.668	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	104400	3.894	ng/ul	97
93) Benzo(a)pyrene	23.862	252	90039	3.726	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.503	276	120777	3.933	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	100376	3.917	ng/ul	96
96) Benzo(g,h,i)perylene	27.279	276	100734	4.006	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.254 ng/uL
RT: 3.404 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

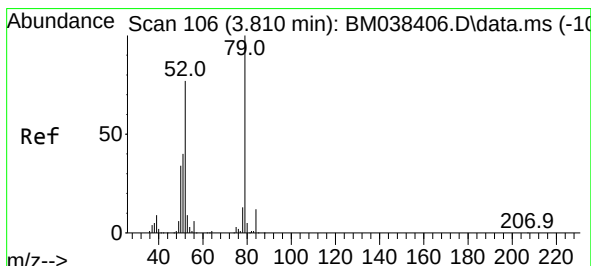
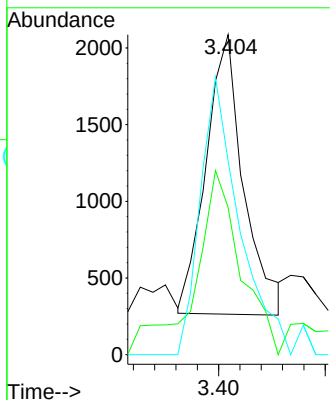
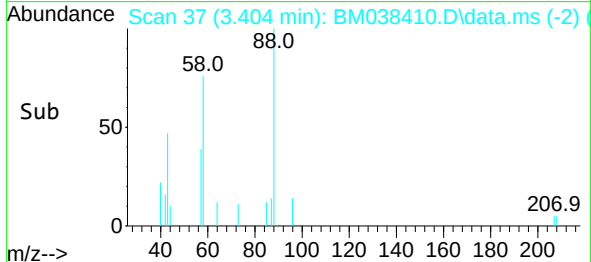
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion: 88 Resp: 223
Ion Ratio Lower Upper
88 100
43 46.0 30.6 45.8
58 60.5 60.2 90.4

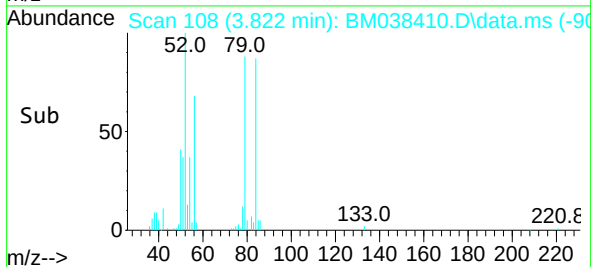
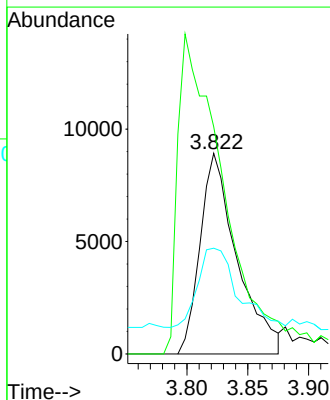
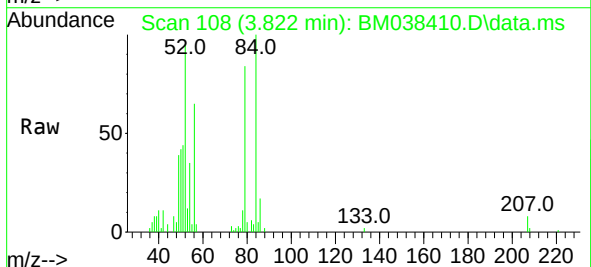
Manual Integrations
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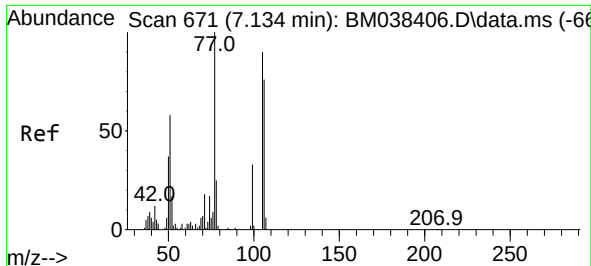
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#5
Pyridine
Concen: 3.698 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Tgt Ion: 79 Resp: 18855
Ion Ratio Lower Upper
79 100
52 113.2 69.6 104.4#
51 52.7 34.8 52.2#





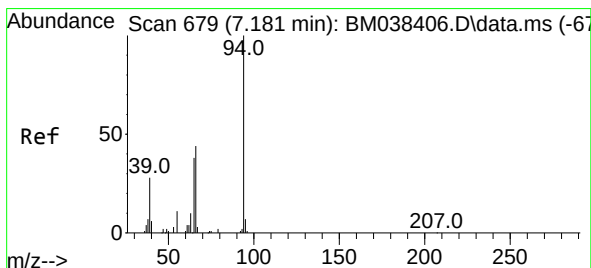
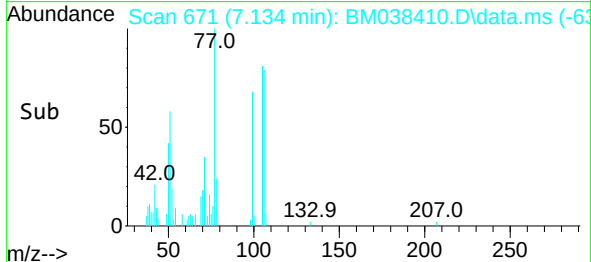
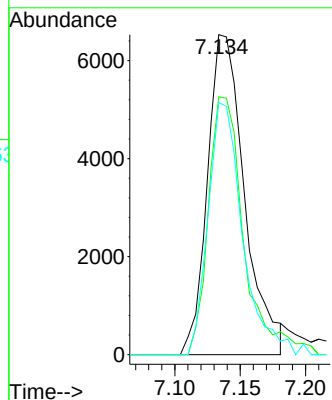
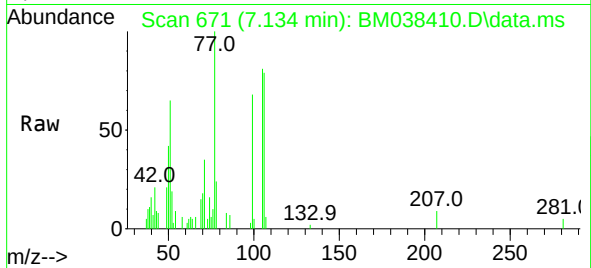
#6
Benzaldehyde
Concen: 6.365 ng/ul m
RT: 7.134 min Scan# 671
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion: 77 Resp: 12898
Ion Ratio Lower Upper
77 100
105 80.6 64.5 96.7
106 78.8 60.6 90.8

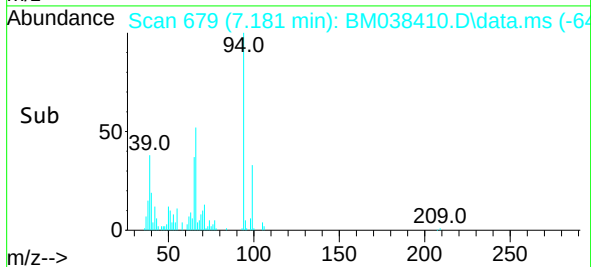
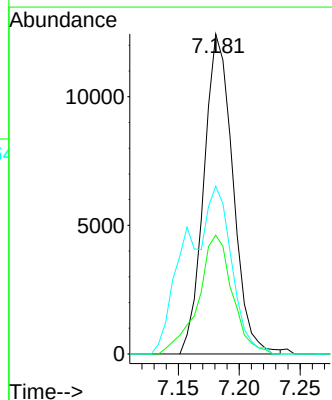
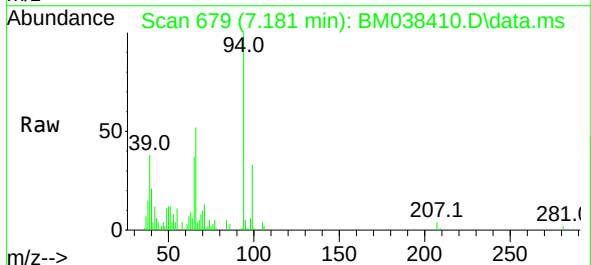
Manual Integrations
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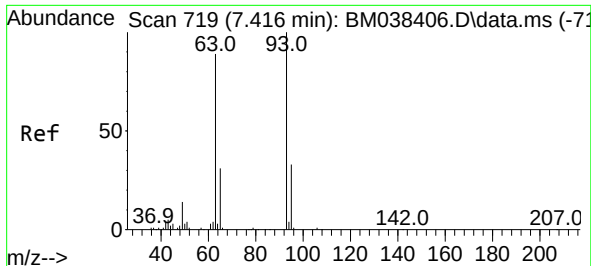
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#8
Phenol
Concen: 3.970 ng/ul
RT: 7.181 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

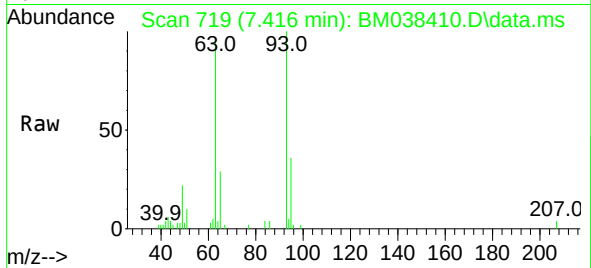
Tgt Ion: 94 Resp: 20641
Ion Ratio Lower Upper
94 100
65 37.1 29.4 44.2
66 52.5 38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.154 ng/ul
RT: 7.416 min Scan# 719
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

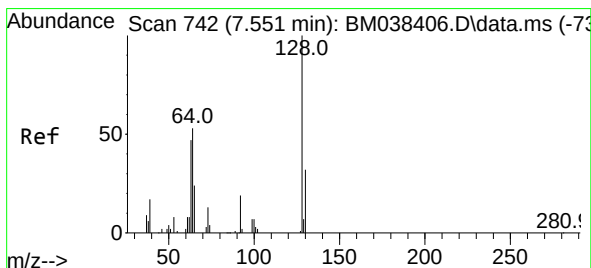
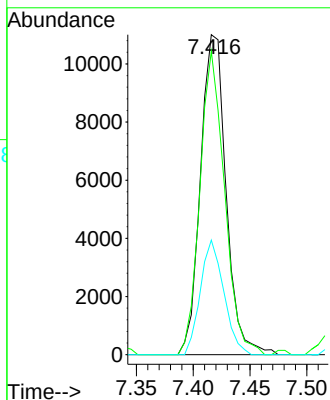
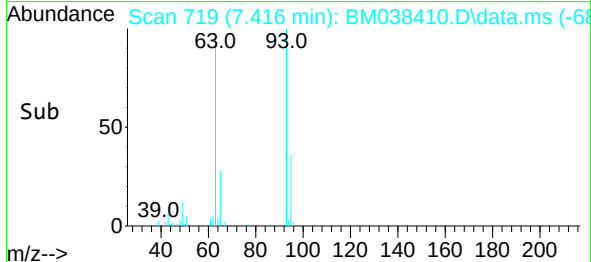
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2022-05



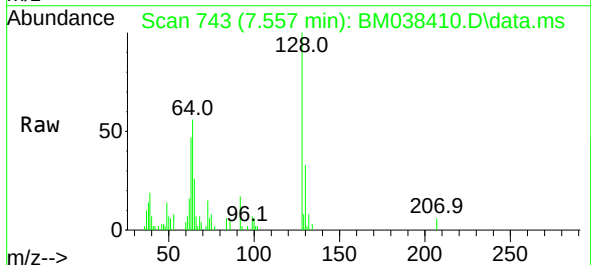
Tgt Ion: 93 Resp: 17294
Ion Ratio Lower Upper
93 100
63 94.9 69.6 104.4
95 35.8 26.6 40.0

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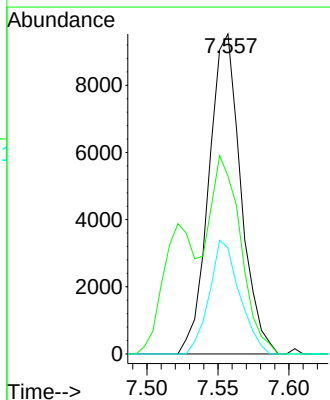
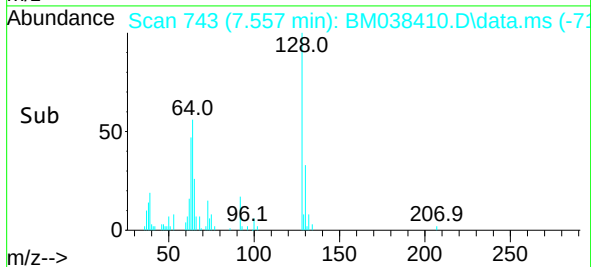
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Supervised By :Yogesh Patel 01/11/2023

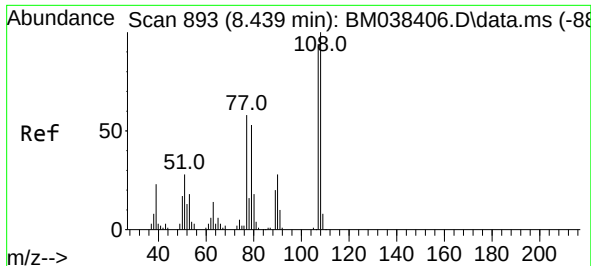


#12
2-Chlorophenol
Concen: 4.095 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



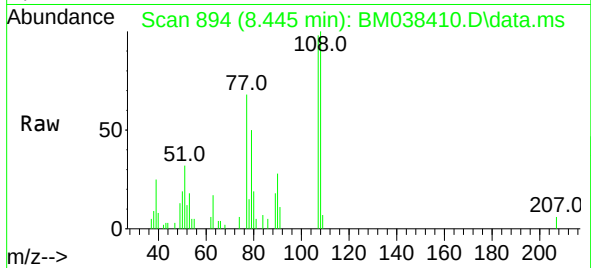
Tgt Ion:128 Resp: 14935
Ion Ratio Lower Upper
128 100
64 55.5 47.3 70.9
130 33.1 25.7 38.5





#13
2-Methylphenol
Concen: 3.465 ng/ul
RT: 8.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM038410.D
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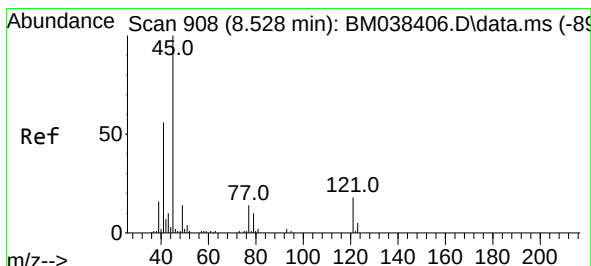
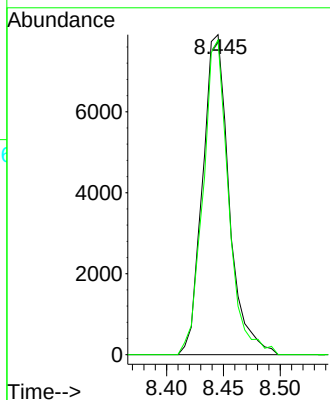
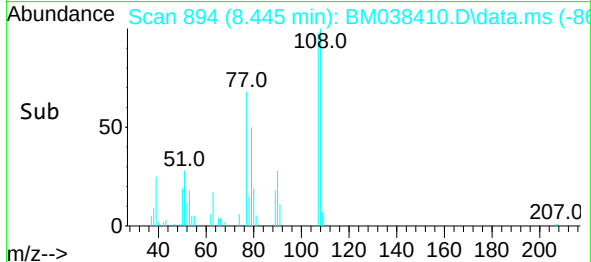
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Tgt Ion:108 Resp: 12869
Ion Ratio Lower Upper
108 100
107 98.4 70.3 105.5

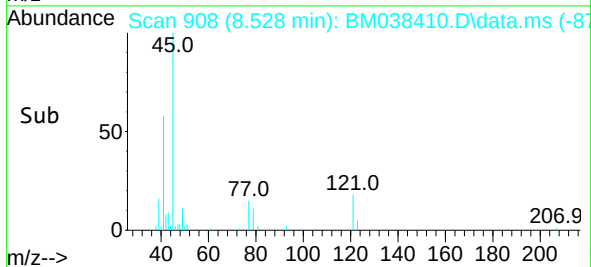
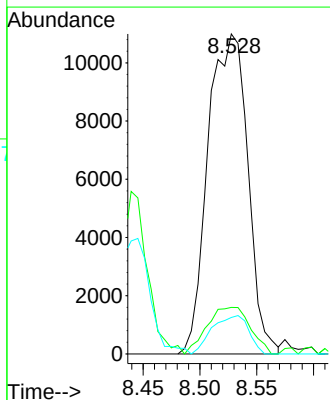
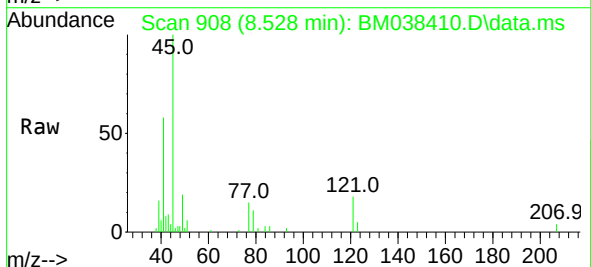
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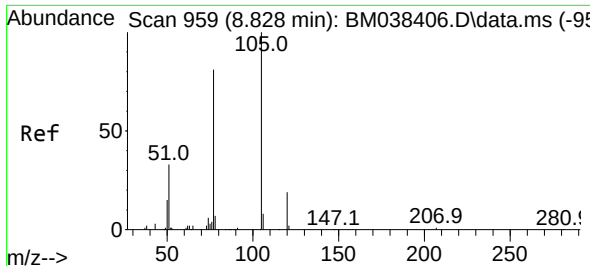
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.046 ng/ul
RT: 8.528 min Scan# 908
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Tgt Ion: 45 Resp: 26719
Ion Ratio Lower Upper
45 100
77 14.6 12.2 18.2
79 11.4 8.6 13.0





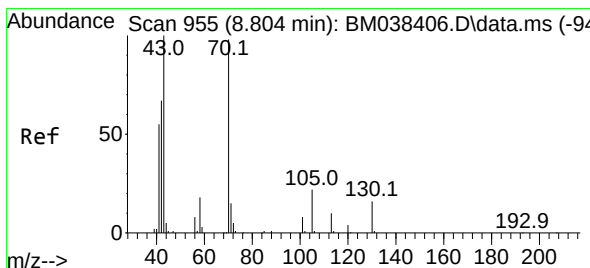
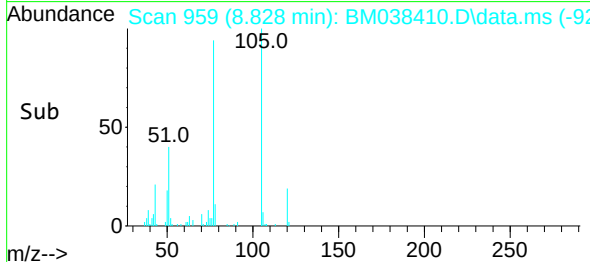
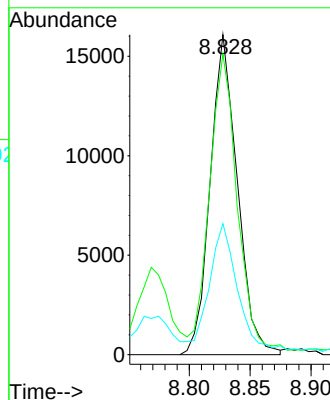
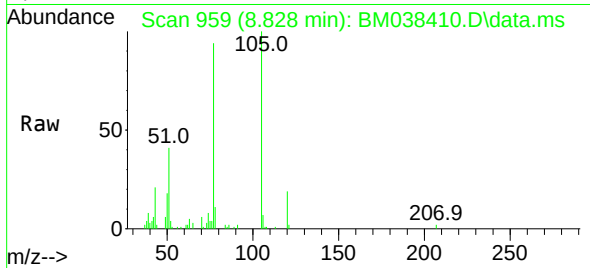
#16
Acetophenone
Concen: 3.707 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Instrument :
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ClientSampleId :
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Tgt Ion: 105 Resp: 24958
Ion Ratio Lower Upper
105 100
77 93.8 71.9 107.9
51 40.9 29.1 43.7

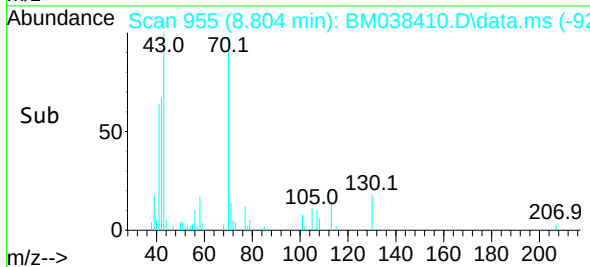
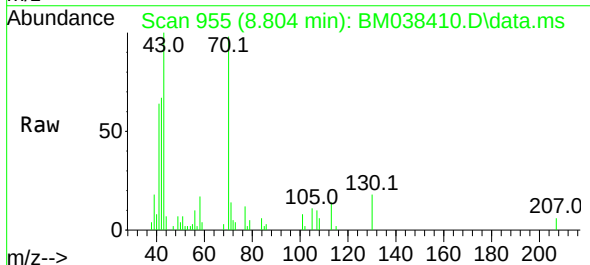
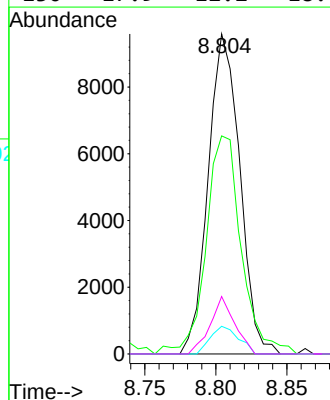
Manual Integrations
APPROVED

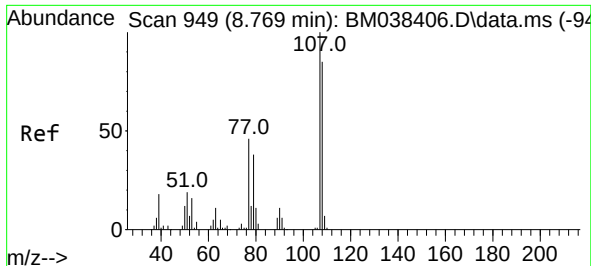
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.100 ng/ul
RT: 8.804 min Scan# 955
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Tgt Ion: 70 Resp: 14871
Ion Ratio Lower Upper
70 100
42 68.2 53.0 79.6
101 8.6 7.2 10.8
130 17.9 12.2 18.4





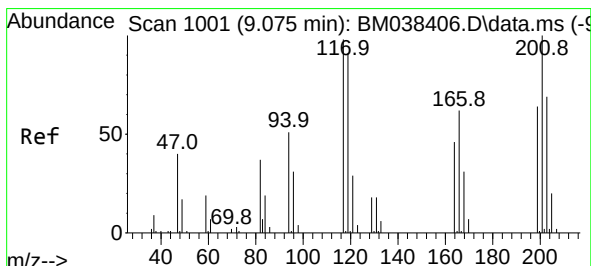
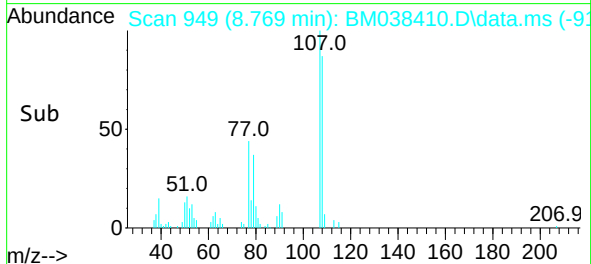
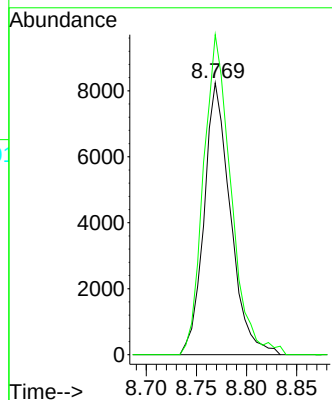
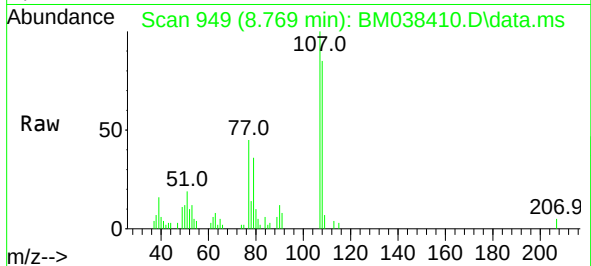
#18
4-Methylphenol
Concen: 3.738 ng/ul
RT: 8.769 min Scan# 949
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:108 Resp: 1510
Ion Ratio Lower Upper
108 100
107 117.7 86.4 129.6

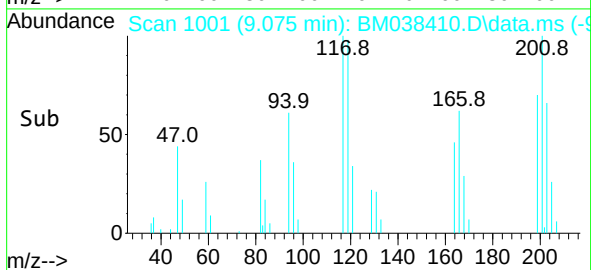
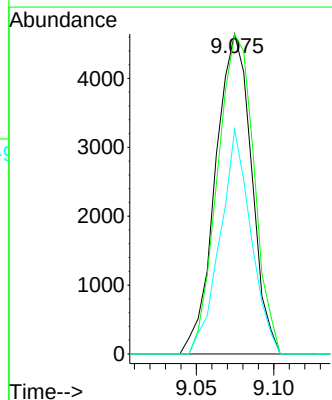
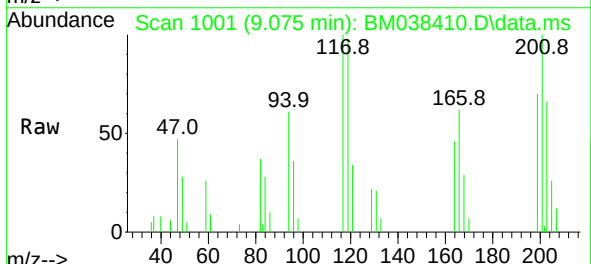
Manual Integrations
APPROVED

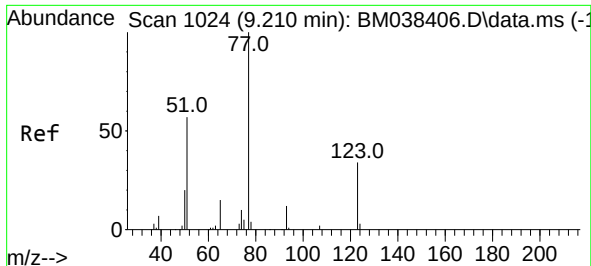
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#19
Hexachloroethane
Concen: 4.423 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

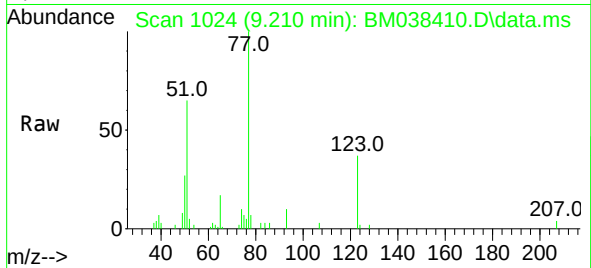
Tgt Ion:117 Resp: 7512
Ion Ratio Lower Upper
117 100
201 99.8 79.8 119.6
199 70.2 50.3 75.5





#22
Nitrobenzene
Concen: 4.357 ng/ul
RT: 9.210 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

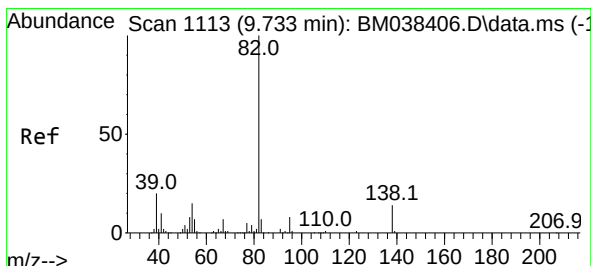
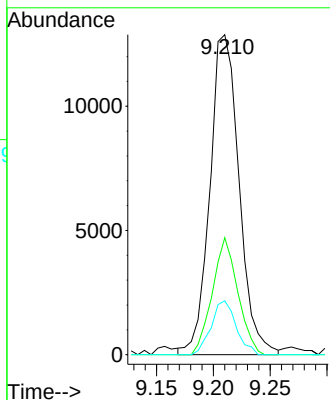
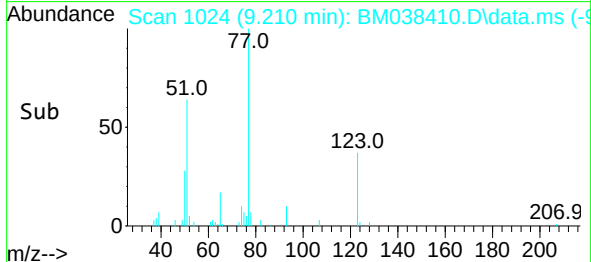
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion: 77 Resp: 2304
Ion Ratio Lower Upper
77 100
123 36.6 26.9 40.3
65 16.8 12.1 18.1

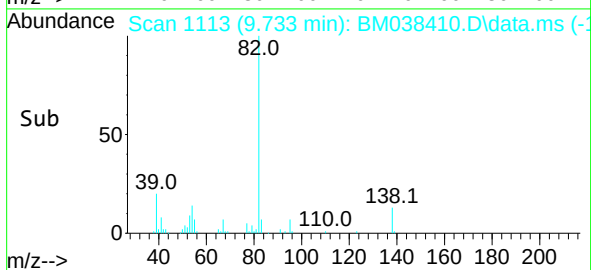
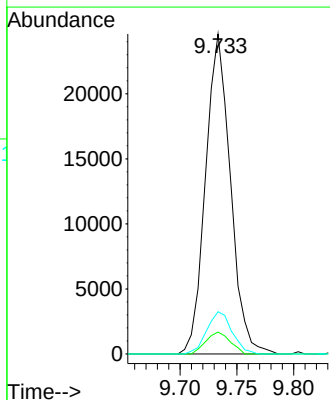
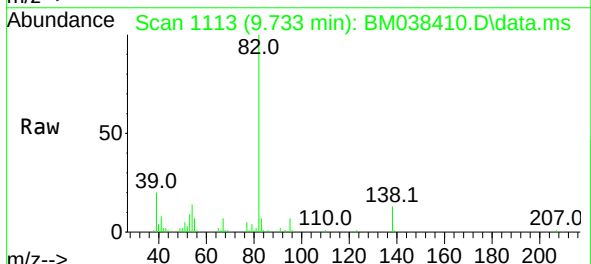
Manual Integrations
APPROVED

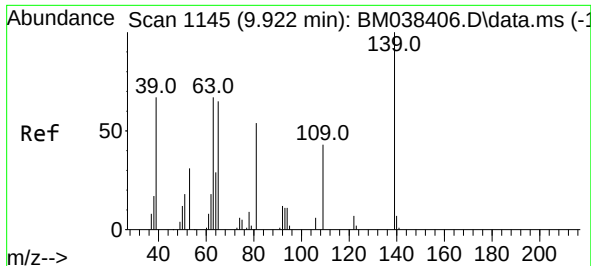
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#23
Isophorone
Concen: 4.141 ng/ul
RT: 9.733 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

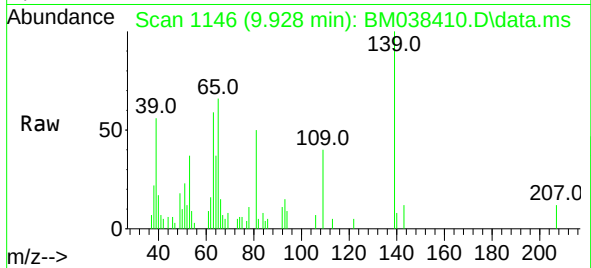
Tgt Ion: 82 Resp: 37551
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.0
138 13.2 11.1 16.7





#25
2-Nitrophenol
Concen: 4.295 ng/ul
RT: 9.928 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

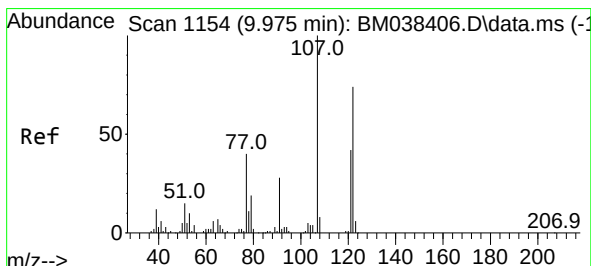
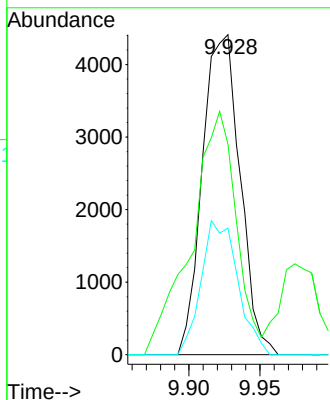
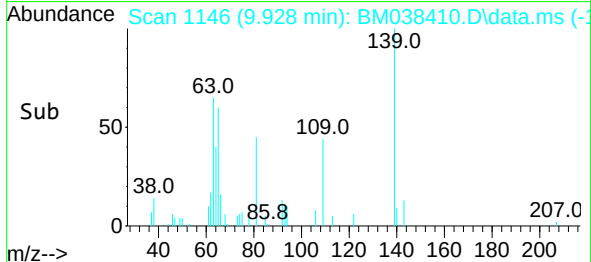
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



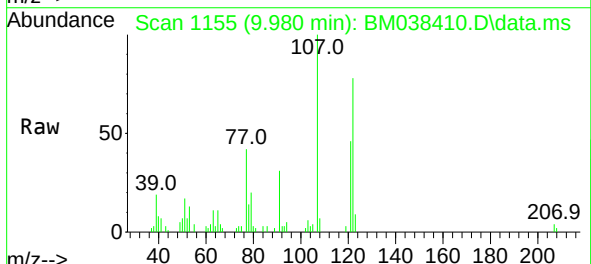
Tgt Ion:139 Resp: 8130
Ion Ratio Lower Upper
139 100
65 65.8 55.9 83.9
109 39.6 29.0 43.4

Manual Integrations
APPROVED

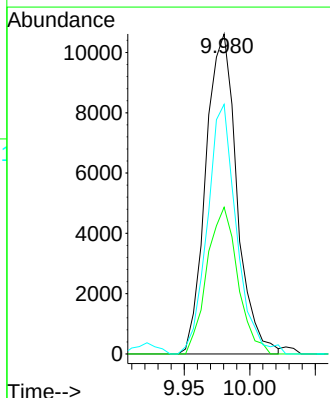
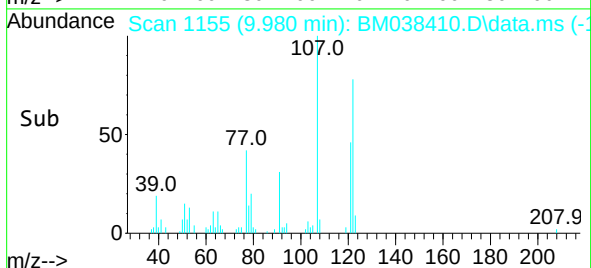
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

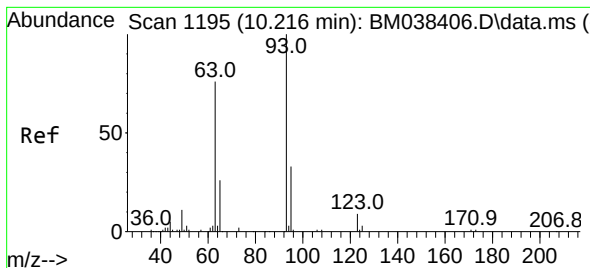


#26
2,4-Dimethylphenol
Concen: 3.951 ng/ul
RT: 9.980 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



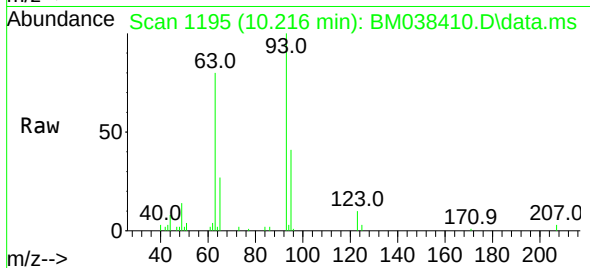
Tgt Ion:107 Resp: 17498
Ion Ratio Lower Upper
107 100
121 45.8 35.2 52.8
122 78.0 58.6 87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.150 ng/ul
RT: 10.216 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

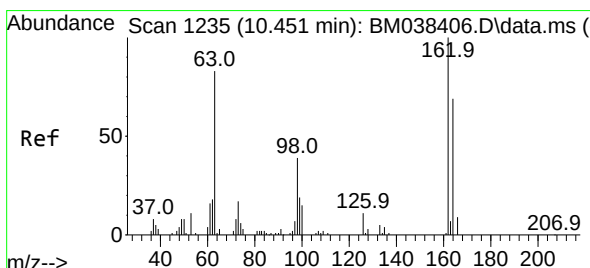
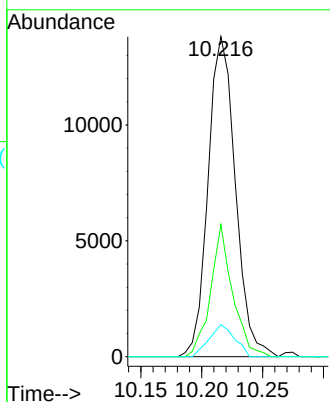
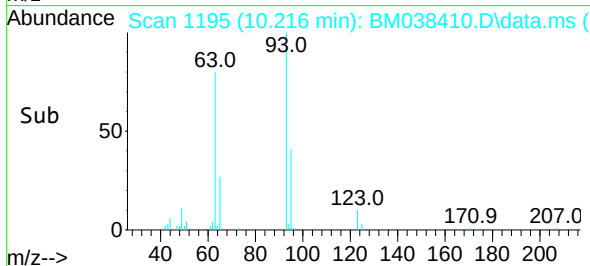
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



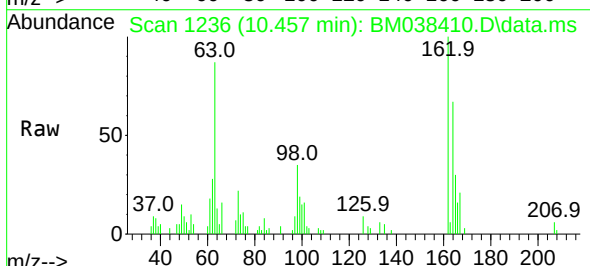
Tgt Ion: 93 Resp: 2153
Ion Ratio Lower Upper
93 100
95 41.3 25.4 38.2
123 10.0 7.5 11.3

Manual Integrations
APPROVED

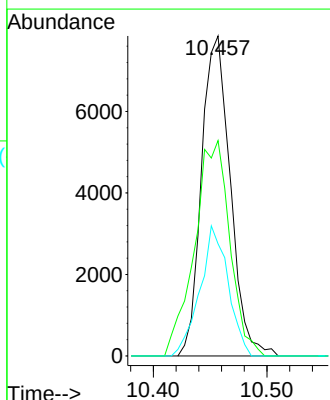
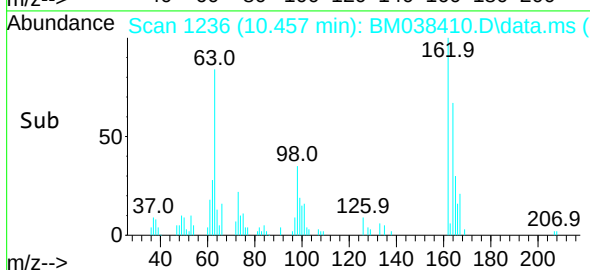
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

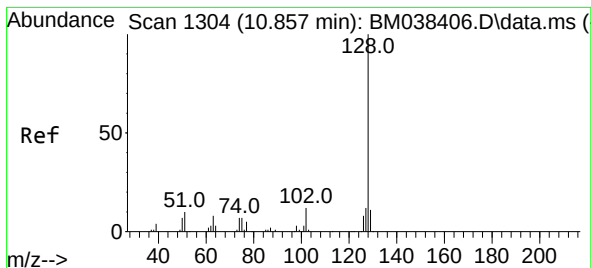


#29
2,4-Dichlorophenol
Concen: 4.047 ng/ul
RT: 10.457 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



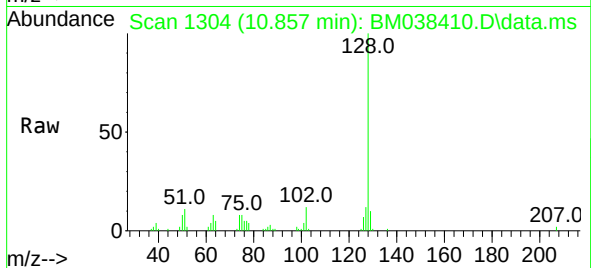
Tgt Ion:162 Resp: 13821
Ion Ratio Lower Upper
162 100
164 67.3 51.8 77.8
98 35.0 30.6 45.8





#30
Naphthalene
Concen: 4.110 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

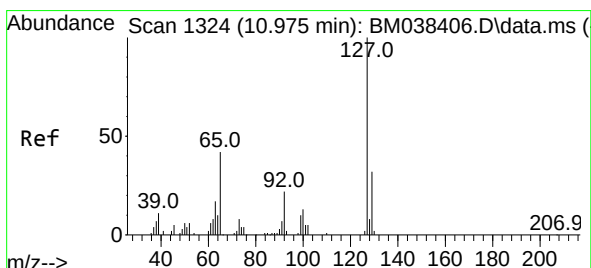
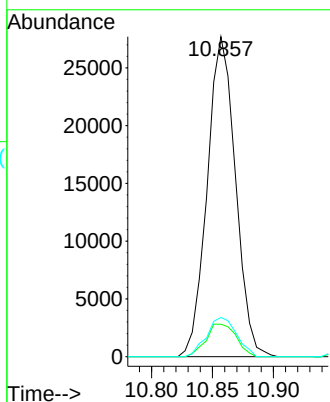
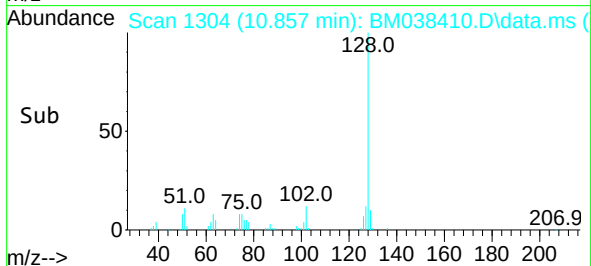
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



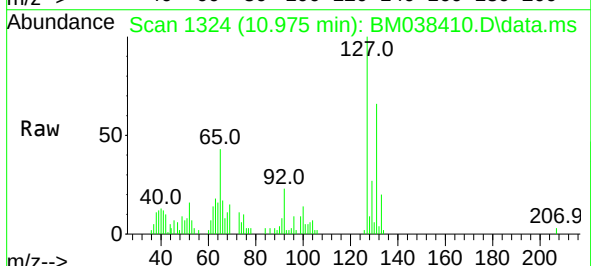
Tgt Ion:128 Resp: 4481
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 12.2 10.5 15.7

Manual Integrations
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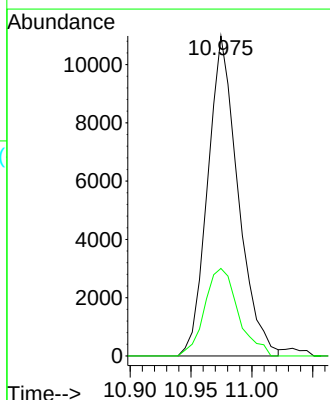
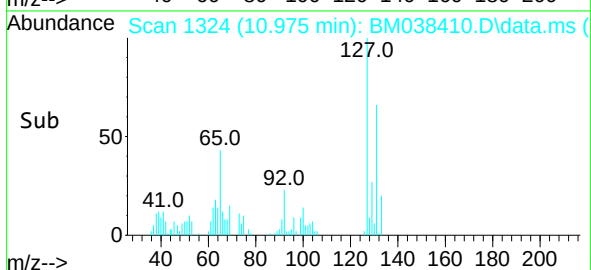
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

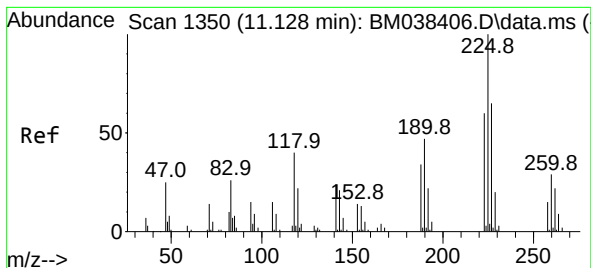


#32
4-Chloroaniline
Concen: 3.865 ng/ul
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



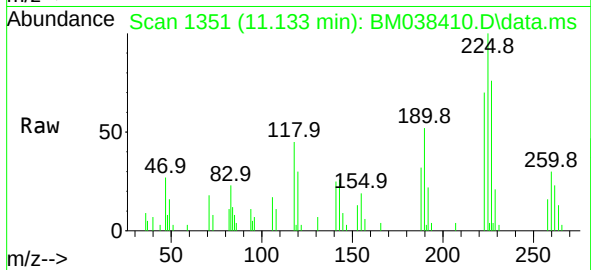
Tgt Ion:127 Resp: 19089
Ion Ratio Lower Upper
127 100
129 27.3 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.127 ng/ul
RT: 11.133 min Scan# 11133
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

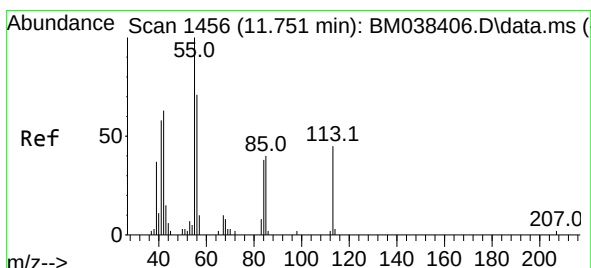
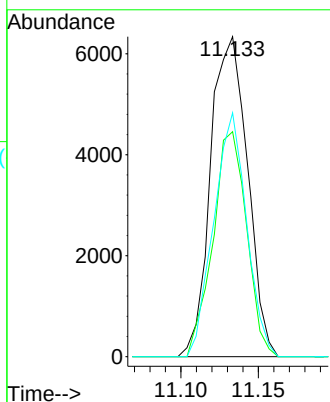
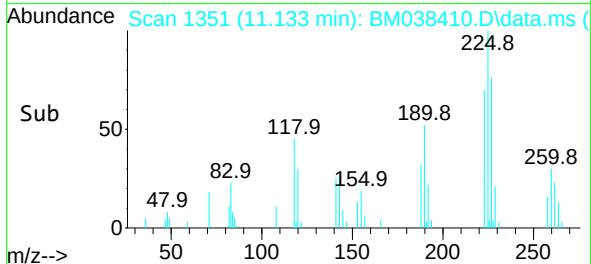
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT3-2022-05



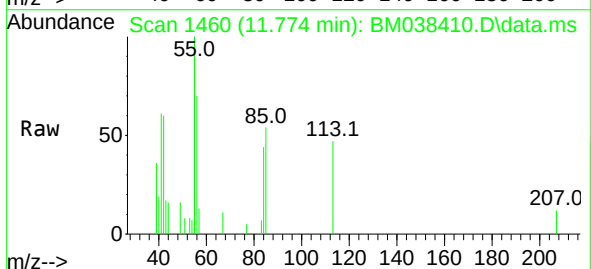
Tgt Ion:225 Resp: 1049
Ion Ratio Lower Upper
225 100
223 67.4 52.6 78.8
227 76.5 48.2 72.4

Manual Integrations
APPROVED

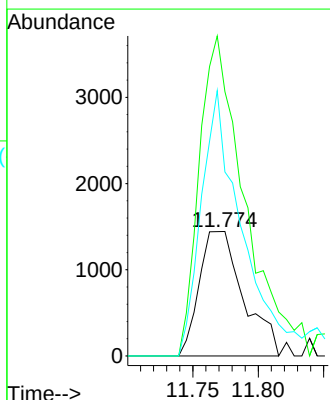
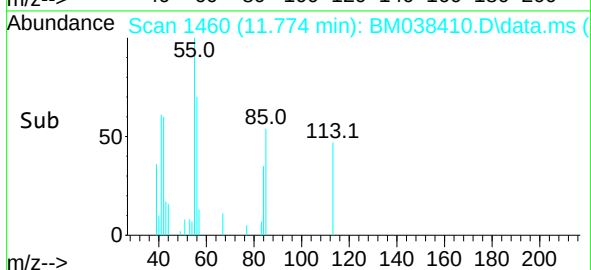
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

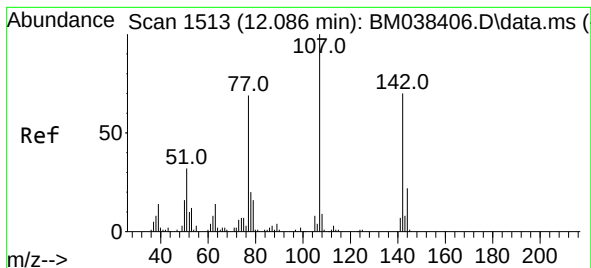


#34
Caprolactam
Concen: 3.481 ng/ul m
RT: 11.774 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



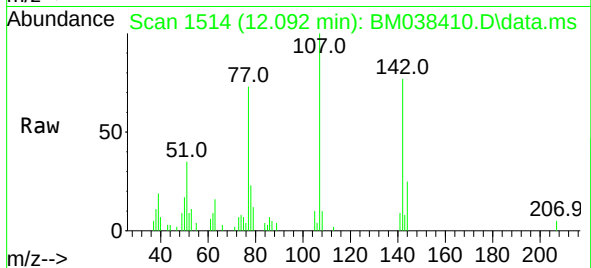
Tgt Ion:113 Resp: 3393
Ion Ratio Lower Upper
113 100
55 212.2 161.5 242.3
56 147.8 125.8 188.8





#35
4-Chloro-3-methylphenol
Concen: 3.638 ng/ul
RT: 12.092 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

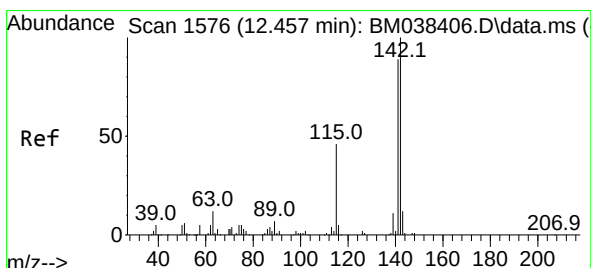
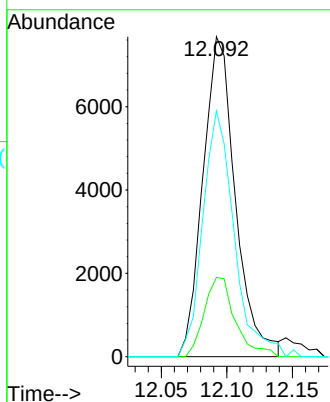
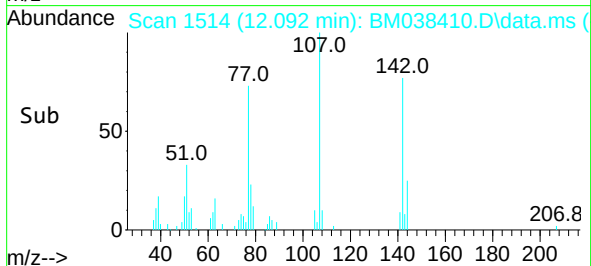
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



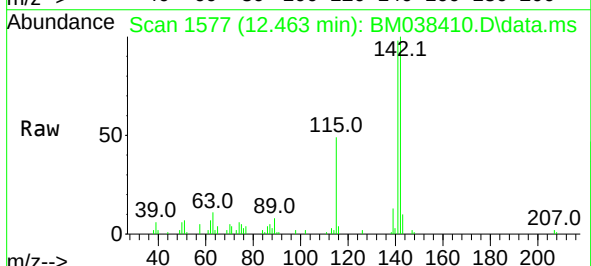
Tgt Ion:107 Resp: 1322
Ion Ratio Lower Upper
107 100
144 24.7 18.1 27.1
142 76.8 57.4 86.2

Manual Integrations
APPROVED

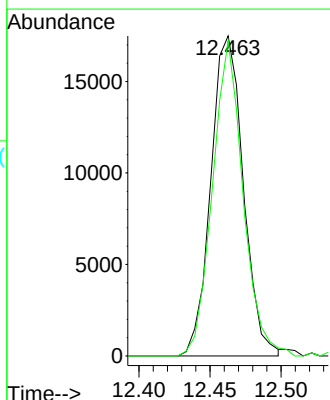
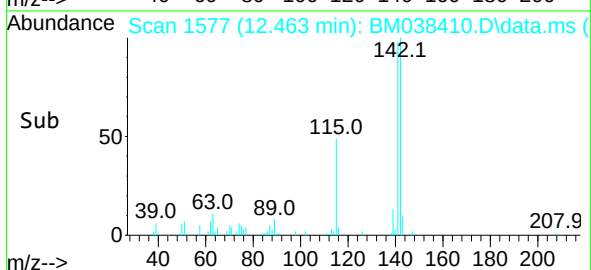
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

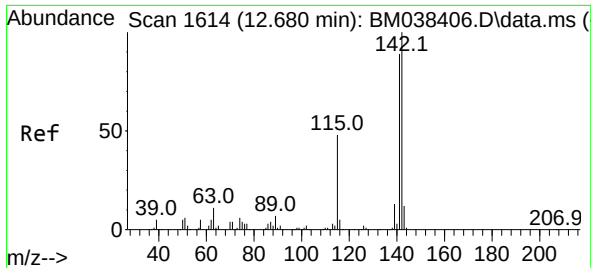


#36
2-Methylnaphthalene
Concen: 3.907 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



Tgt Ion:142 Resp: 27770
Ion Ratio Lower Upper
142 100
141 98.5 73.2 109.8





#37

1-Methylnaphthalene

Concen: 3.723 ng/ul

RT: 12.680 min Scan# 1614

Delta R.T. -0.006 min

Lab File: BM038410.D

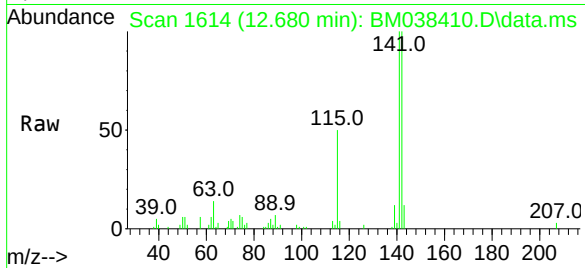
Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2022-05

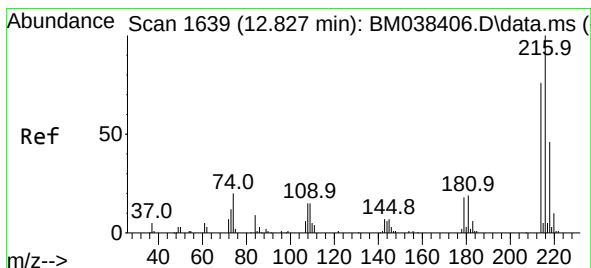
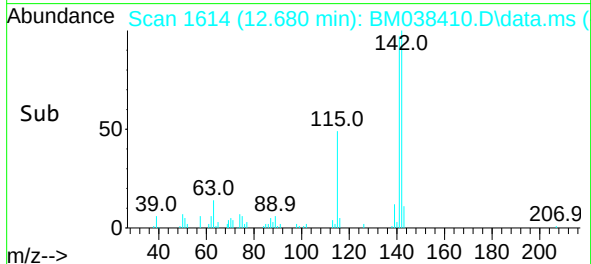
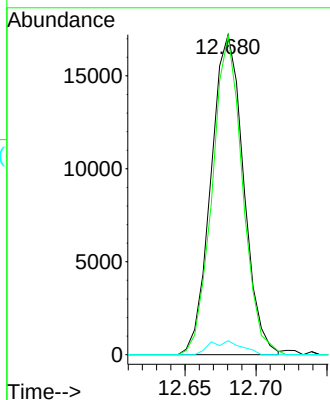


Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.8	75.9	113.9
116	4.3	4.2	6.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.912 ng/ul

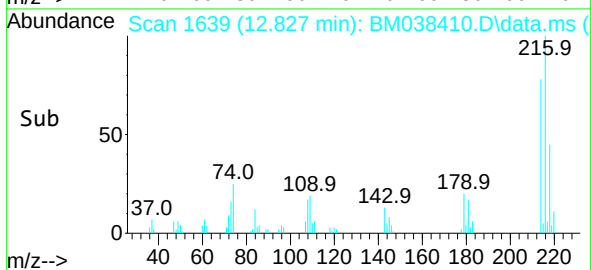
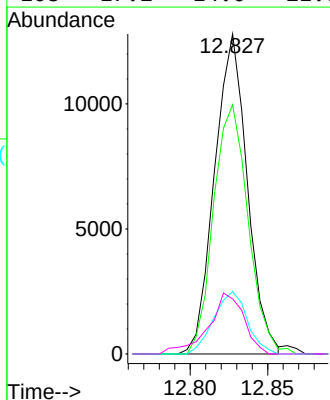
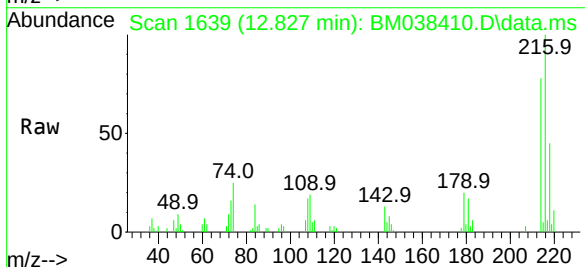
RT: 12.827 min Scan# 1639

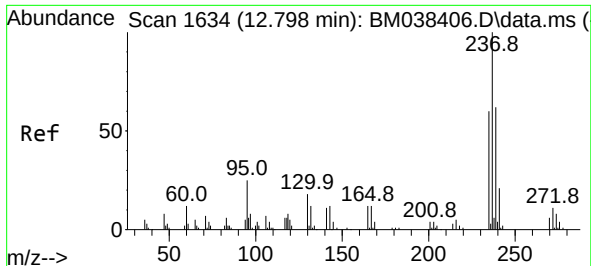
Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

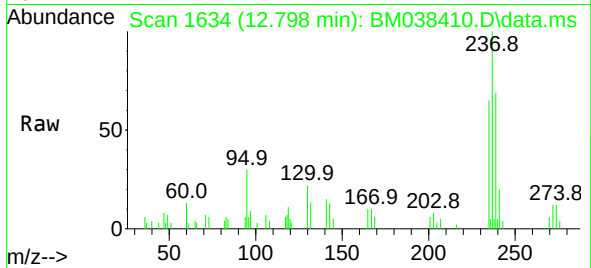
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.0	93.0
179	19.5	15.6	23.4
108	17.2	14.0	21.0





#40
Hexachlorocyclopentadiene
Concen: 3.374 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

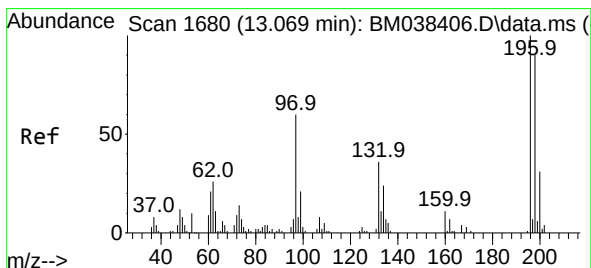
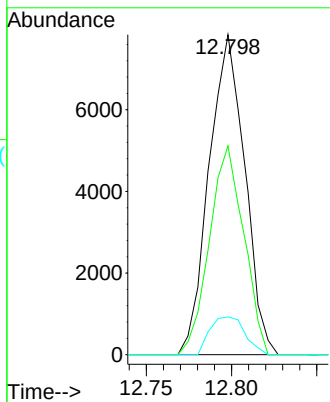
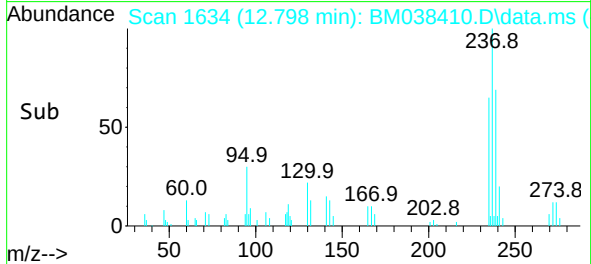
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



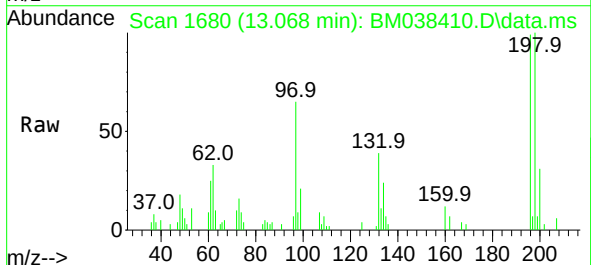
Tgt Ion:237 Resp: 1142
Ion Ratio Lower Upper
237 100
235 70.6 51.0 76.4
272 11.8 10.2 15.4

Manual Integrations
APPROVED

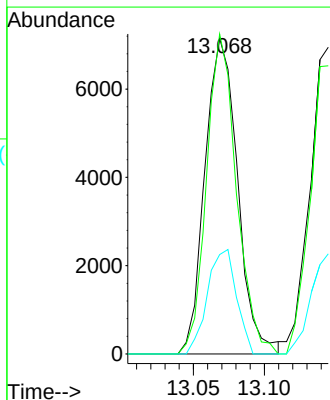
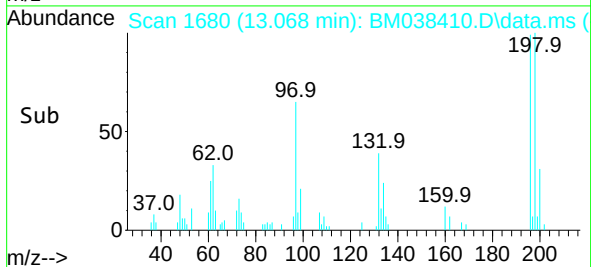
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

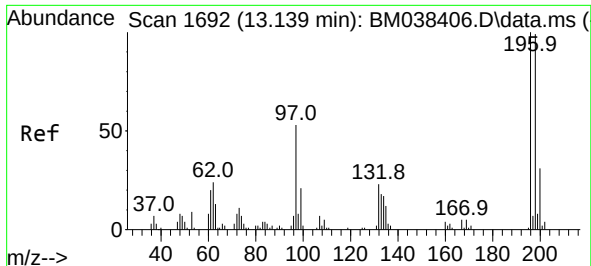


#41
2,4,6-Trichlorophenol
Concen: 3.853 ng/ul
RT: 13.068 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



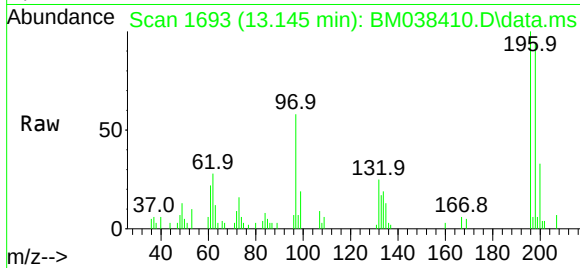
Tgt Ion:196 Resp: 11469
Ion Ratio Lower Upper
196 100
198 101.4 77.7 116.5
200 31.5 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.767 ng/ul m
RT: 13.145 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

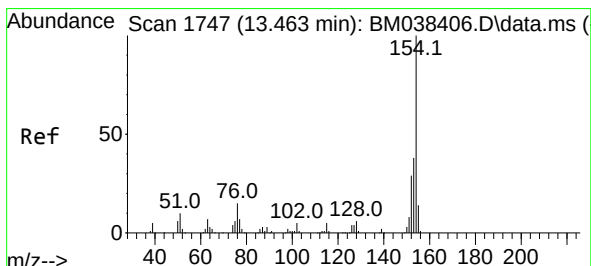
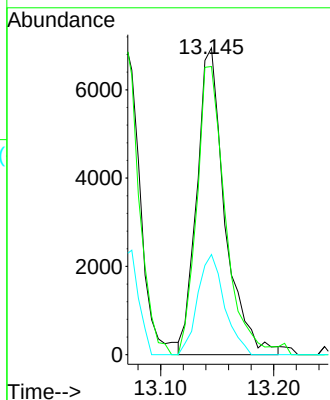
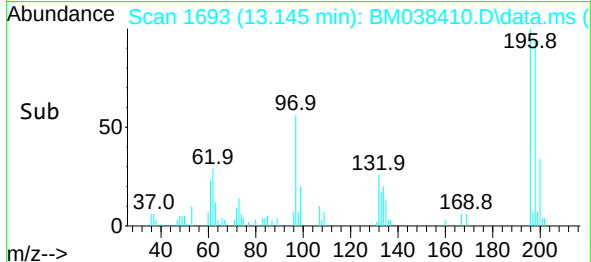
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



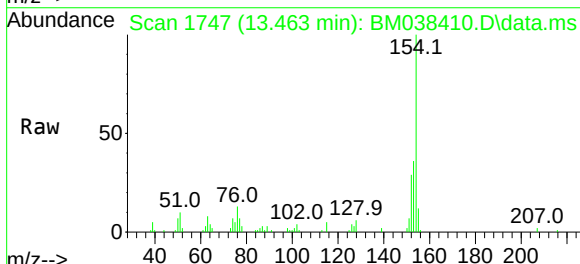
Tgt Ion:196 Resp: 1201
Ion Ratio Lower Upper
196 100
198 94.0 76.6 115.0
200 32.7 25.4 38.2

Manual Integrations
APPROVED

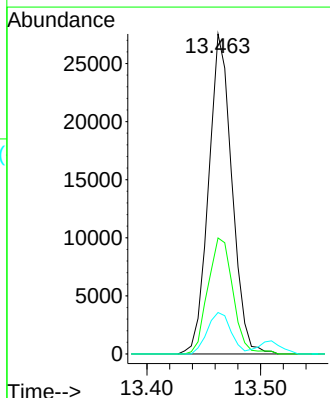
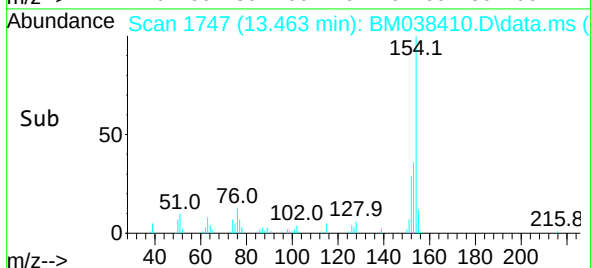
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

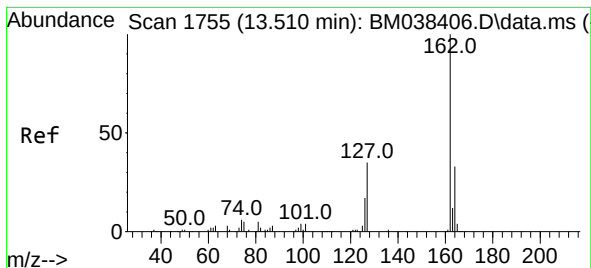


#43
1,1'-Biphenyl
Concen: 3.838 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



Tgt Ion:154 Resp: 39349
Ion Ratio Lower Upper
154 100
153 36.3 32.6 49.0
76 12.9 11.6 17.4





#44

2-Chloronaphthalene

Concen: 3.855 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

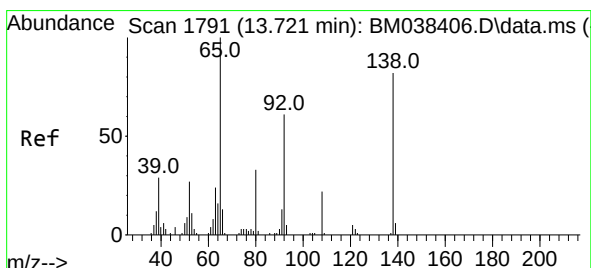
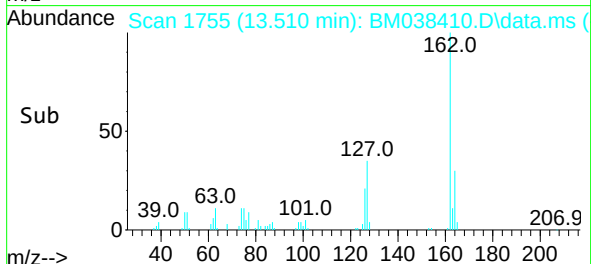
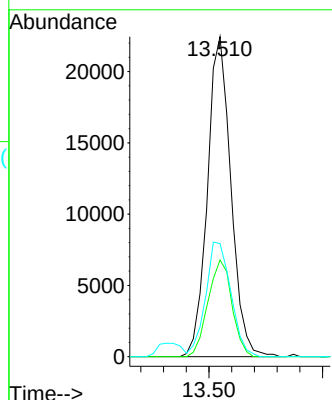
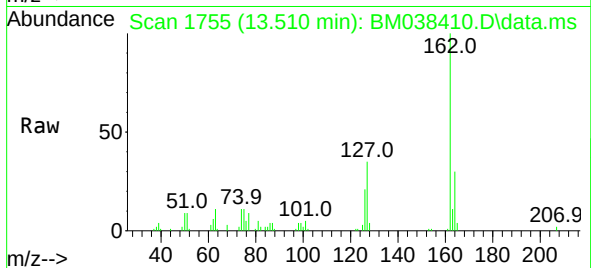
MDL-SOIL-QT3-2022-05

Tgt Ion:	162	Resp:	3226
Ion Ratio	Lower	Upper	
162	100		
164	30.2	26.6	39.8
127	35.3	29.7	44.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#45

2-Nitroaniline

Concen: 3.553 ng/ul m

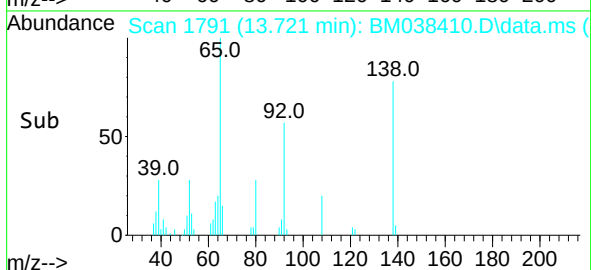
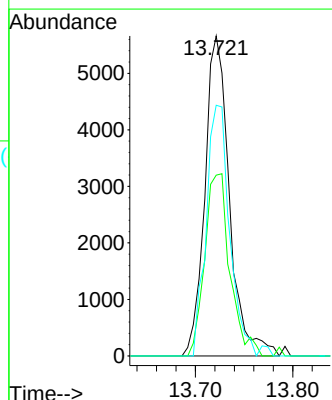
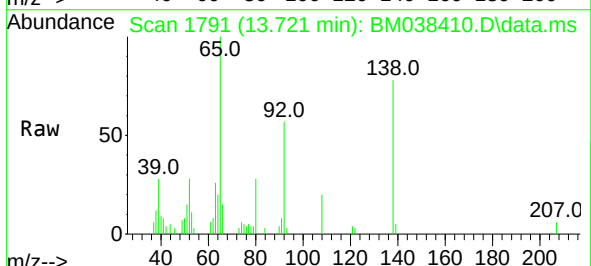
RT: 13.721 min Scan# 1791

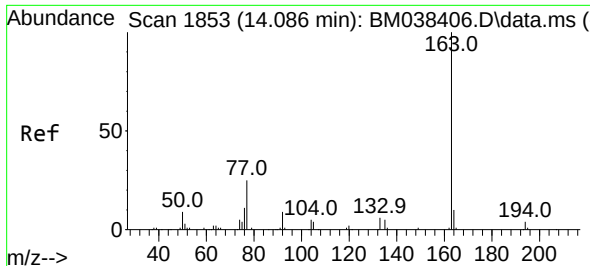
Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

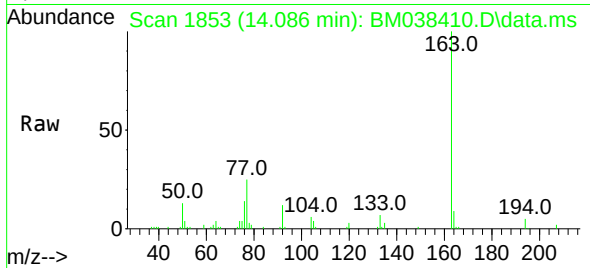
Tgt Ion:	65	Resp:	9950
Ion Ratio	Lower	Upper	
65	100		
92	56.5	47.6	71.4
138	78.3	64.6	96.8





#47
Dimethylphthalate
Concen: 4.074 ng/ul
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

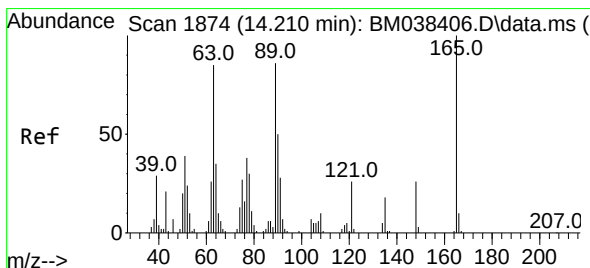
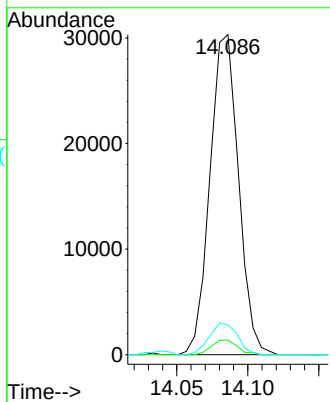
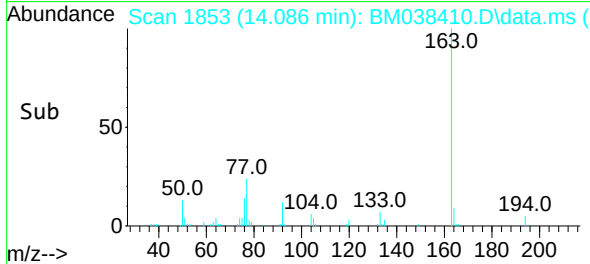
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



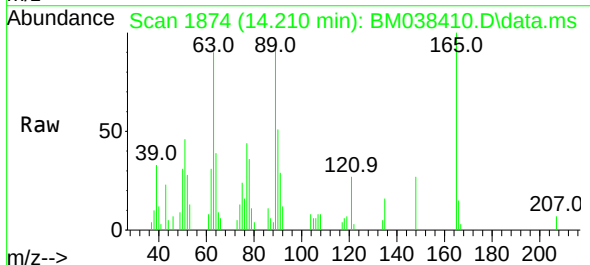
Tgt Ion:163 Resp: 4246
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 9.3 8.2 12.2

Manual Integrations
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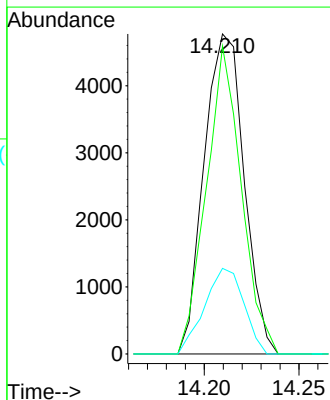
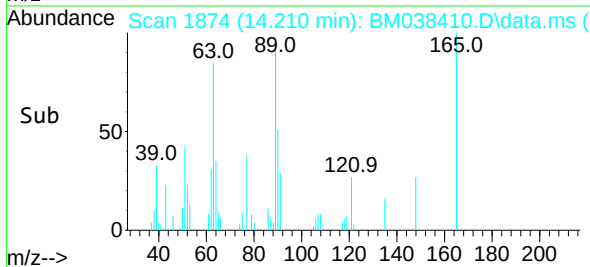
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

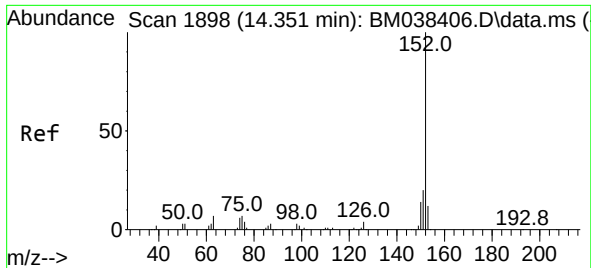


#48
2,6-Dinitrotoluene
Concen: 3.539 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



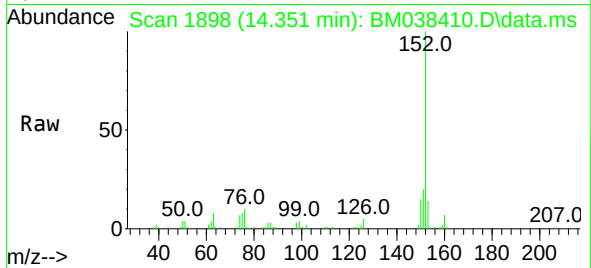
Tgt Ion:165 Resp: 7024
Ion Ratio Lower Upper
165 100
89 96.2 66.2 99.2
121 26.8 18.9 28.3





#50
Acenaphthylene
Concen: 3.880 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

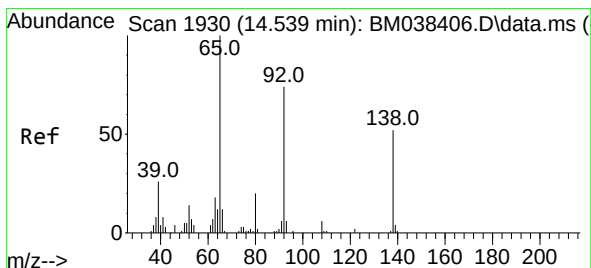
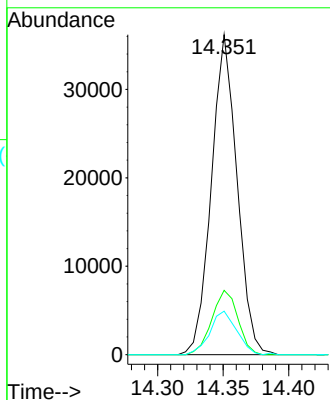
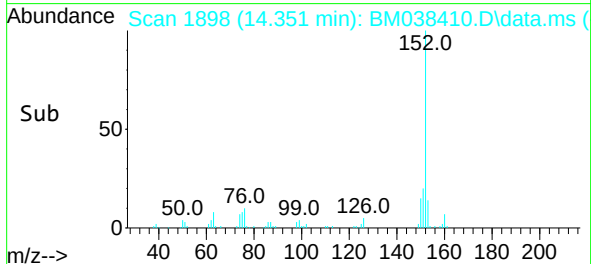
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



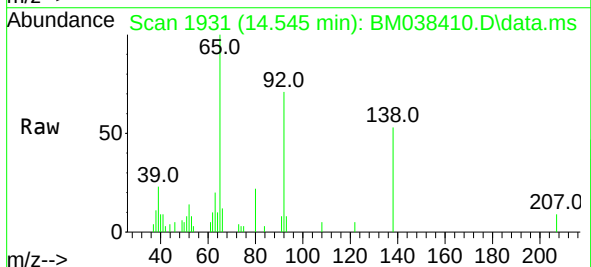
Tgt Ion:152 Resp: 4926
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.6 10.2 15.4

Manual Integrations
APPROVED

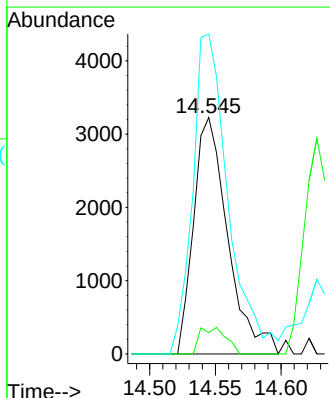
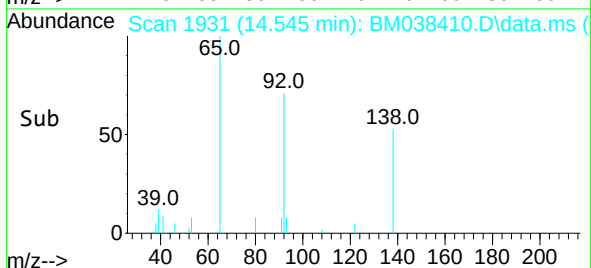
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

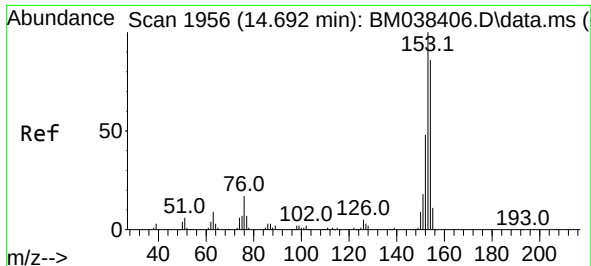


#51
3-Nitroaniline
Concen: 3.192 ng/ul m
RT: 14.545 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



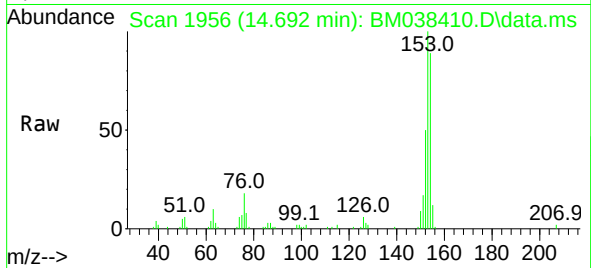
Tgt Ion:138 Resp: 5833
Ion Ratio Lower Upper
138 100
108 9.0 8.6 12.8
92 135.3 111.4 167.2





#52
Acenaphthene
Concen: 4.018 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

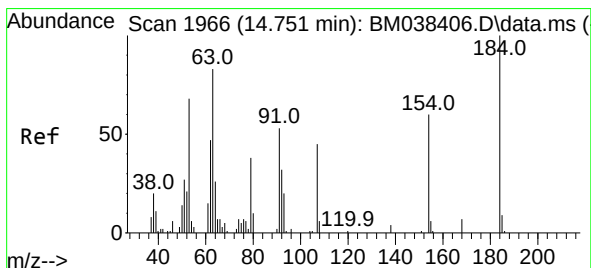
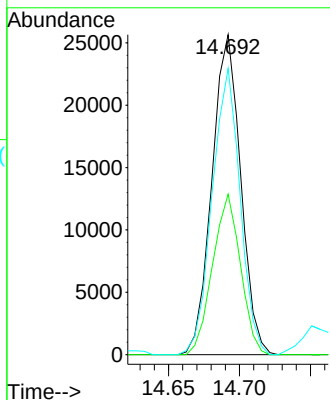
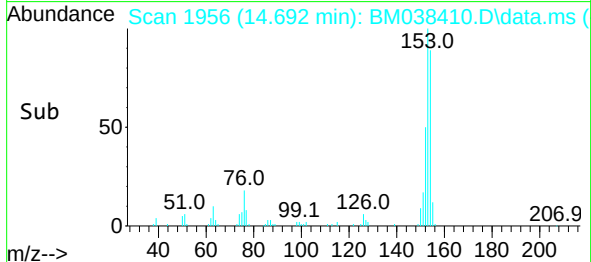
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



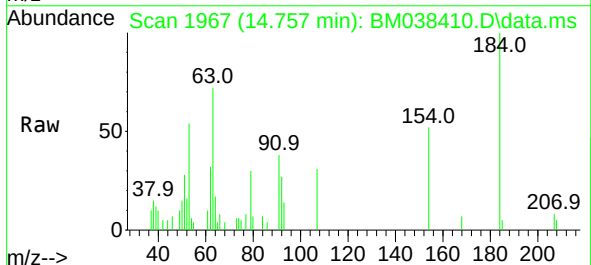
Tgt Ion:153 Resp: 3610
Ion Ratio Lower Upper
153 100
152 50.1 40.1 60.1
154 89.5 69.0 103.6

Manual Integrations
APPROVED

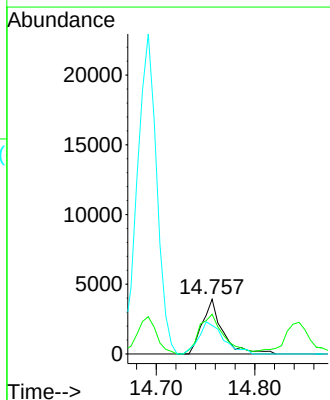
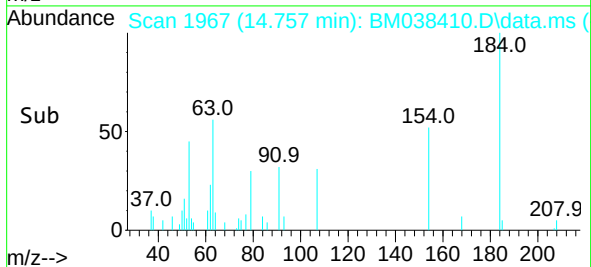
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

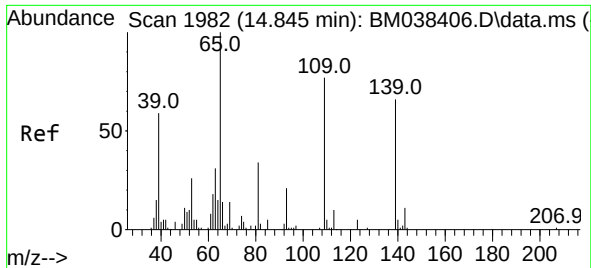


#53
2,4-Dinitrophenol
Concen: 3.773 ng/ul m
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



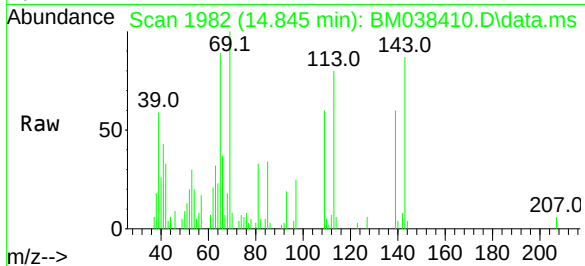
Tgt Ion:184 Resp: 5598
Ion Ratio Lower Upper
184 100
63 72.4 69.1 103.7
154 51.9 54.5 81.7#





#55
4-Nitrophenol
Concen: 3.646 ng/ul
RT: 14.845 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

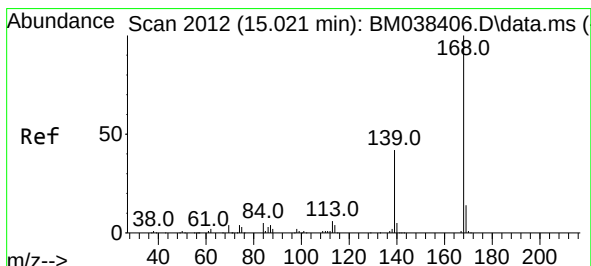
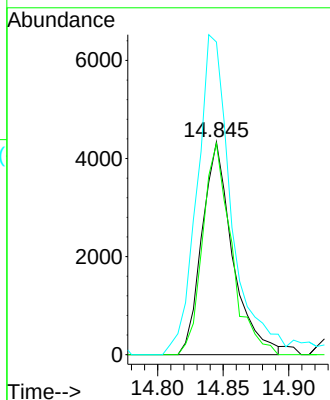
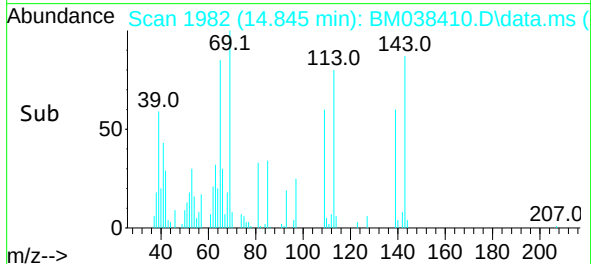
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:109 Resp: 705
Ion Ratio Lower Upper
109 100
139 99.2 79.1 118.7
65 146.9 108.6 162.8

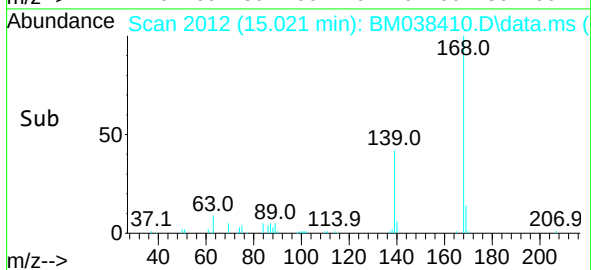
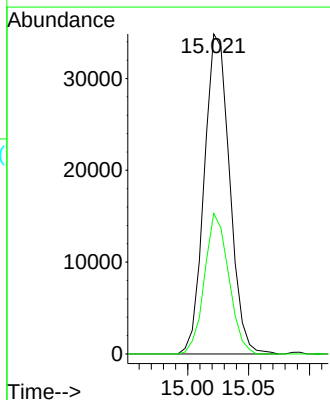
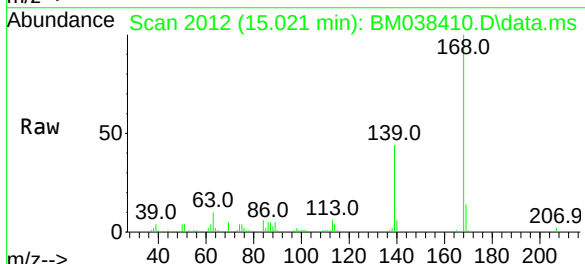
Manual Integrations
APPROVED

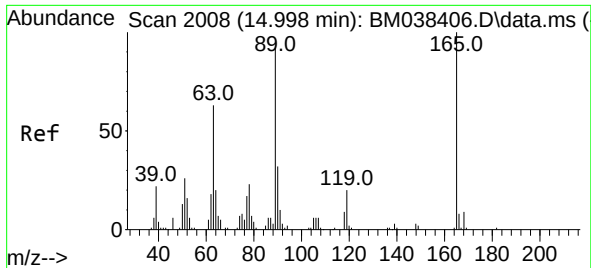
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#56
Dibenzofuran
Concen: 3.957 ng/ul
RT: 15.021 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

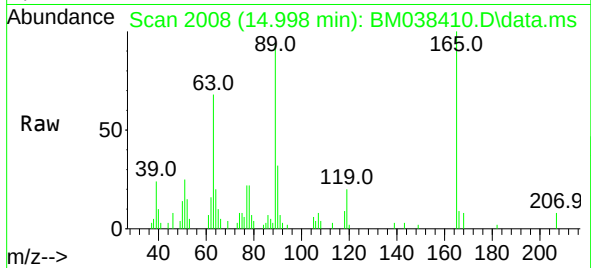
Tgt Ion:168 Resp: 50528
Ion Ratio Lower Upper
168 100
139 44.0 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.711 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

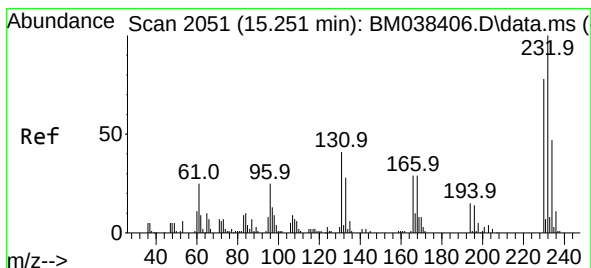
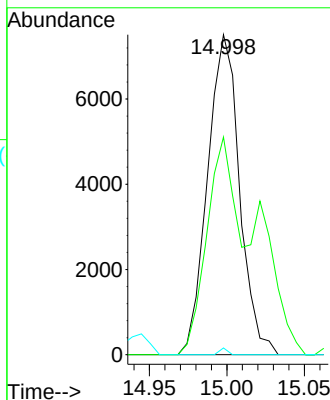
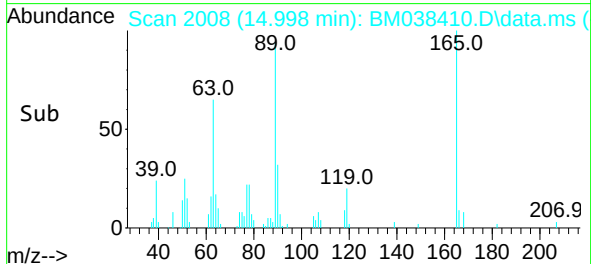
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:165 Resp: 10770
Ion Ratio Lower Upper
165 100
63 68.0 46.9 70.3
182 2.1 1.3 1.9

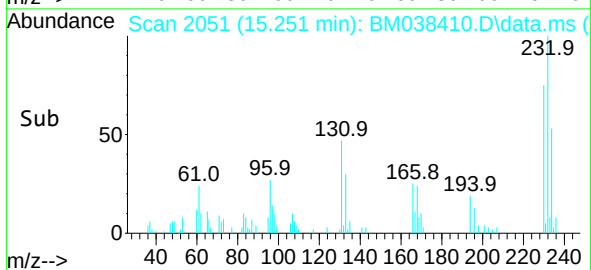
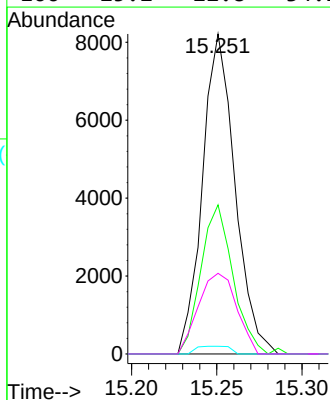
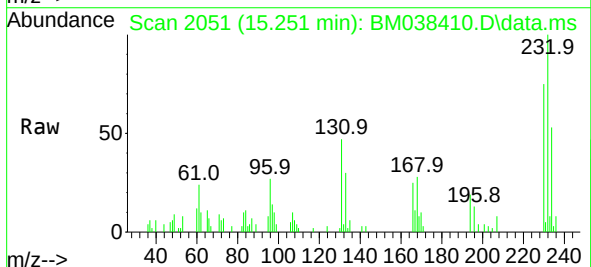
Manual Integrations
APPROVED

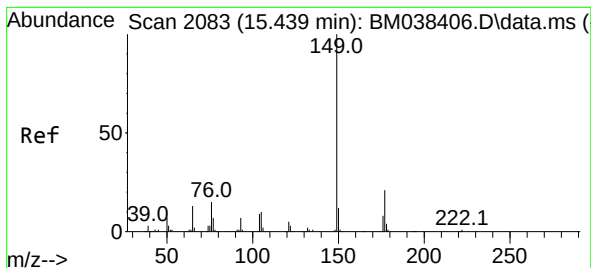
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.829 ng/ul
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Tgt Ion:232 Resp: 10908
Ion Ratio Lower Upper
232 100
131 46.6 34.4 51.6
130 2.4 2.2 3.4
166 25.2 22.8 34.2





#59

Diethylphthalate

Concen: 4.053 ng/ul

RT: 15.439 min Scan# 2083

Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2022-05

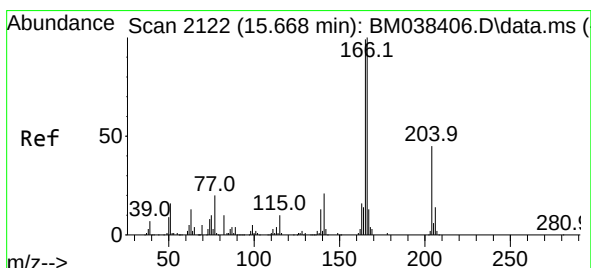
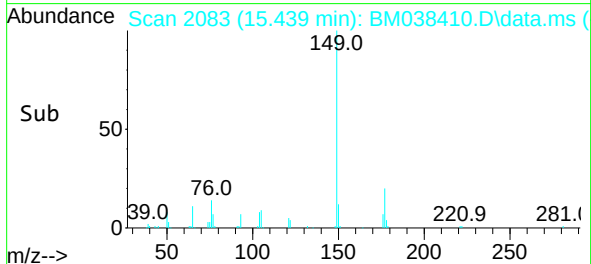
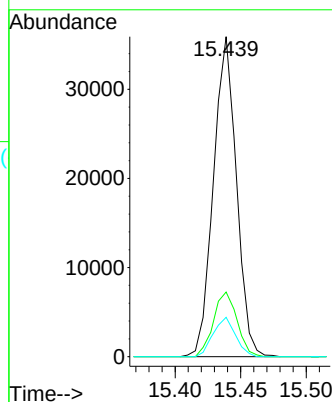
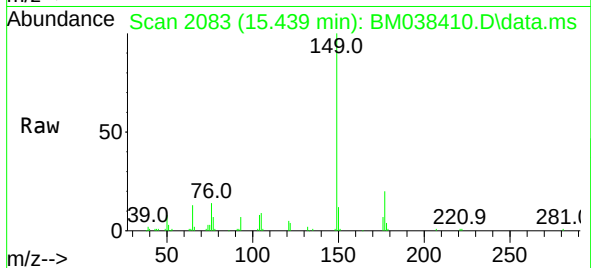
Tgt Ion:149 Resp: 43784

Ion	Ratio	Lower	Upper
149	100		
177	20.2	17.0	25.4
150	12.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#61

Fluorene

Concen: 3.854 ng/ul

RT: 15.668 min Scan# 2122

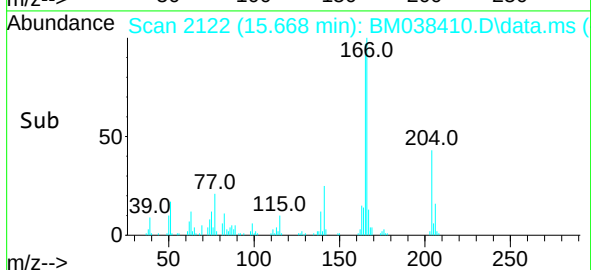
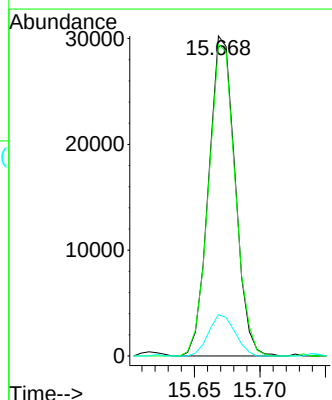
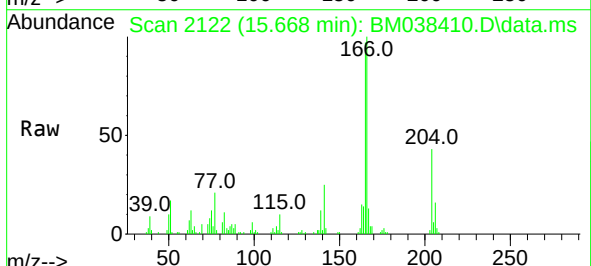
Delta R.T. -0.012 min

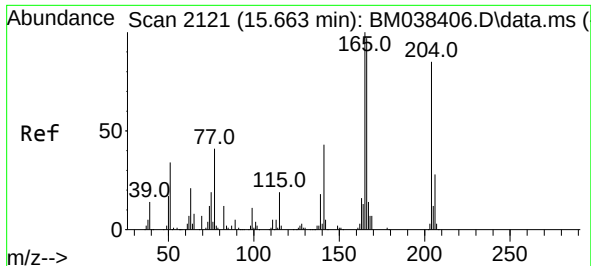
Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Tgt Ion:166 Resp: 42260

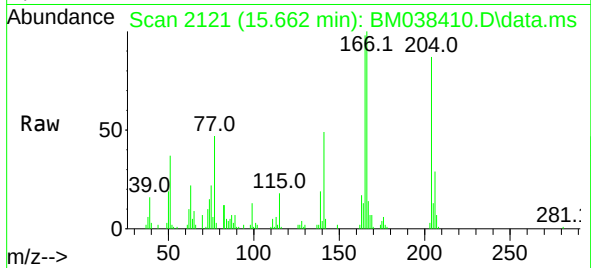
Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.7	118.1
167	12.9	11.0	16.6





#62
4-Chlorophenyl-phenylether
Concen: 3.925 ng/ul
RT: 15.662 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

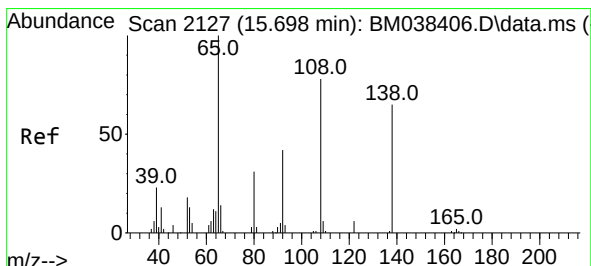
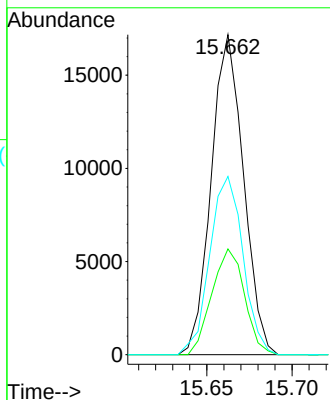
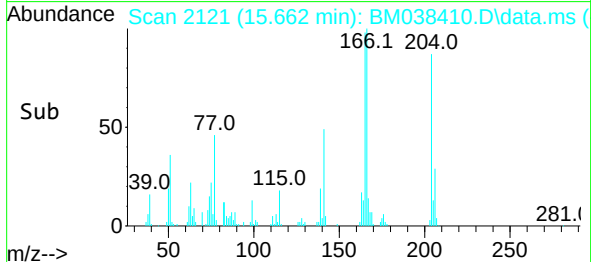
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:204 Resp: 22650
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 55.7 42.9 64.3

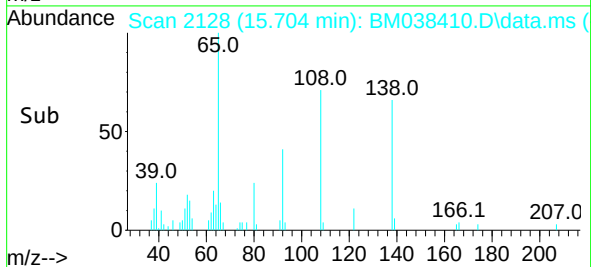
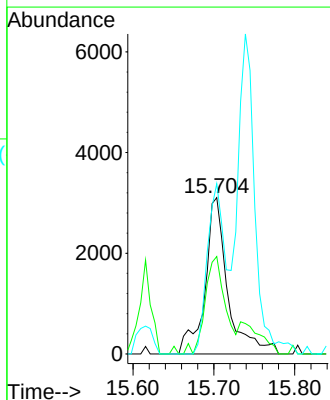
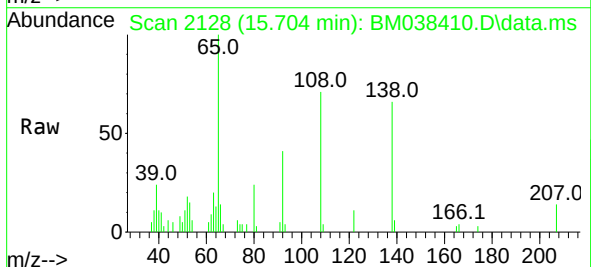
Manual Integrations
APPROVED

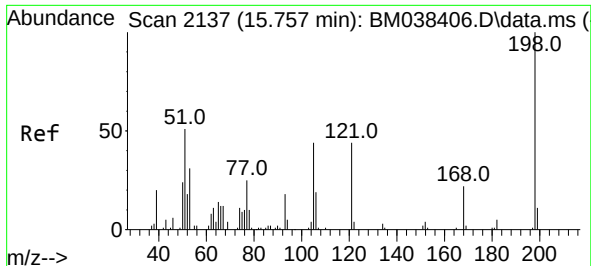
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#63
4-Nitroaniline
Concen: 3.495 ng/ul m
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

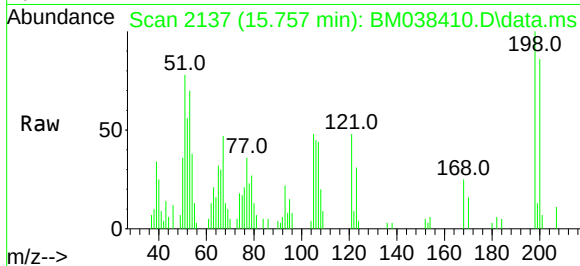
Tgt Ion:138 Resp: 6112
Ion Ratio Lower Upper
138 100
92 62.4 50.2 75.2
108 108.9 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.124 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

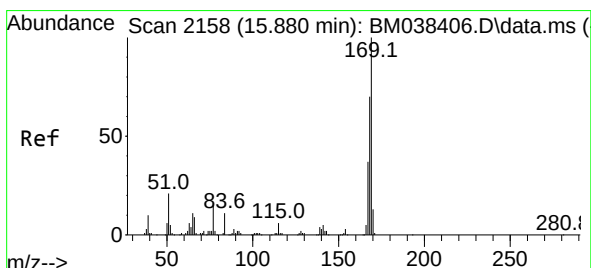
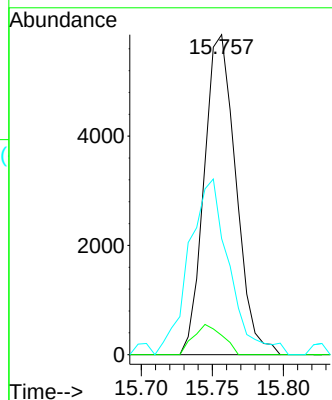
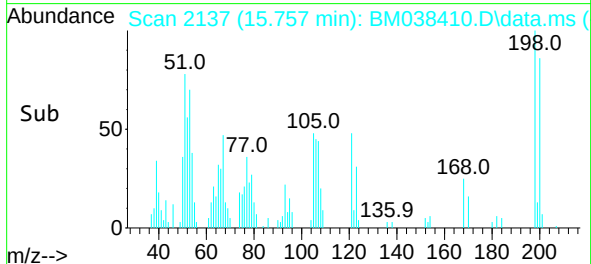
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



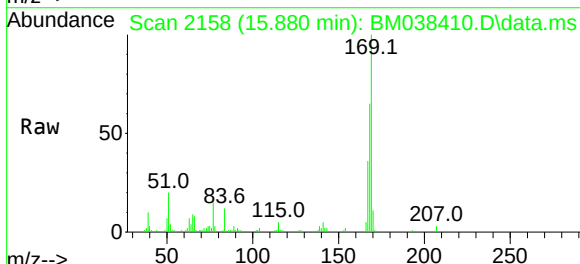
Tgt Ion:198 Resp: 9100
Ion Ratio Lower Upper
198 100
182 6.1 3.0 4.6
77 36.3 24.8 37.2

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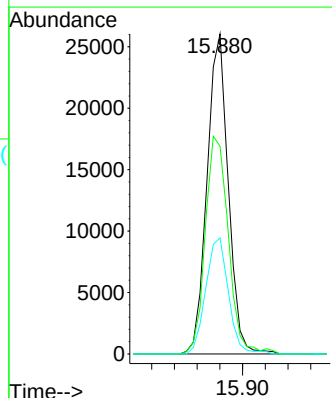
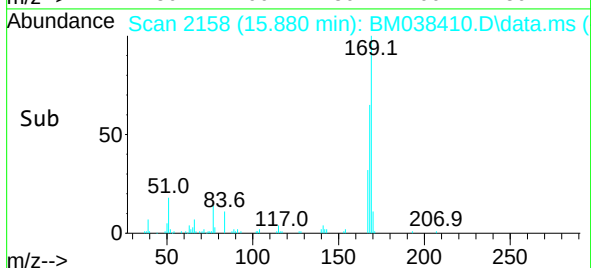
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

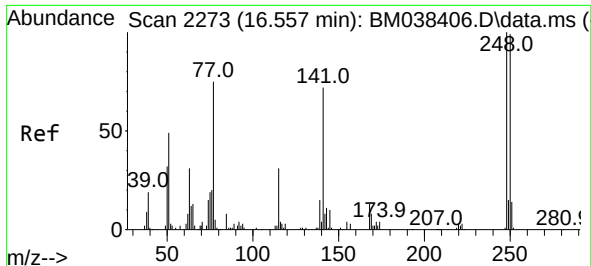


#67
N-Nitrosodiphenylamine
Concen: 3.731 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



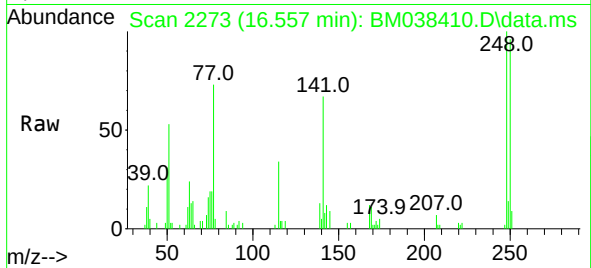
Tgt Ion:169 Resp: 33804
Ion Ratio Lower Upper
169 100
168 64.9 56.4 84.6
167 36.3 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.824 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

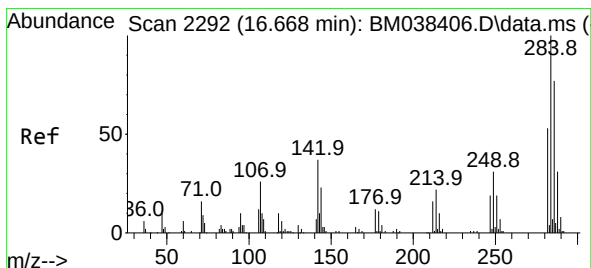
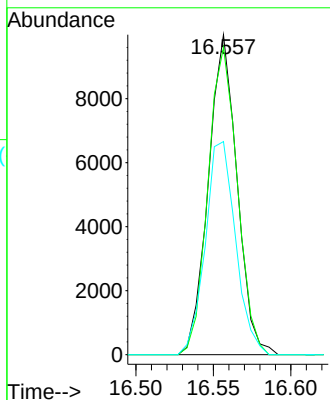
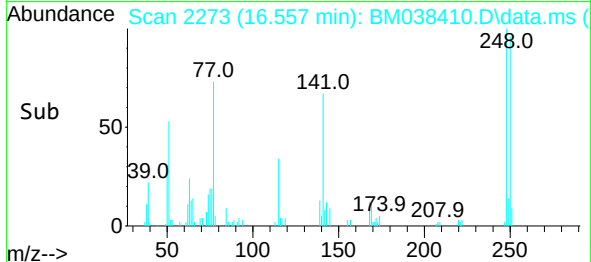
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



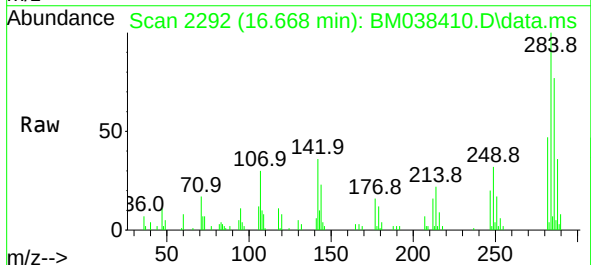
Tgt Ion:248 Resp: 12872
Ion Ratio Lower Upper
248 100
250 96.0 76.7 115.1
141 66.6 50.3 75.5

Manual Integrations
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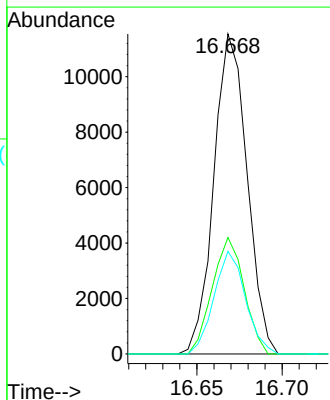
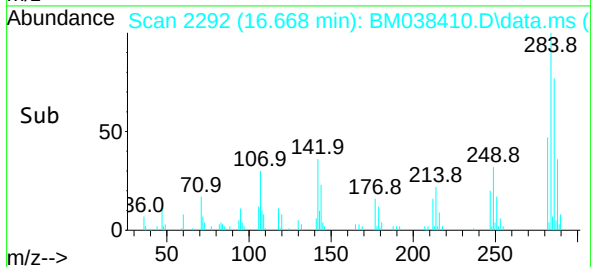
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

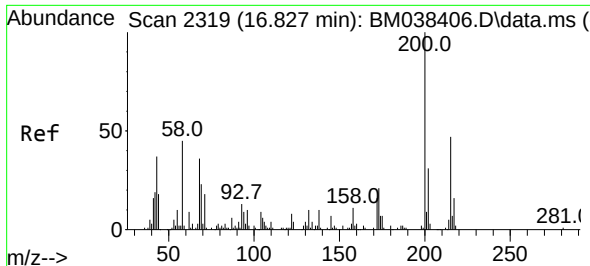


#69
Hexachlorobenzene
Concen: 4.027 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



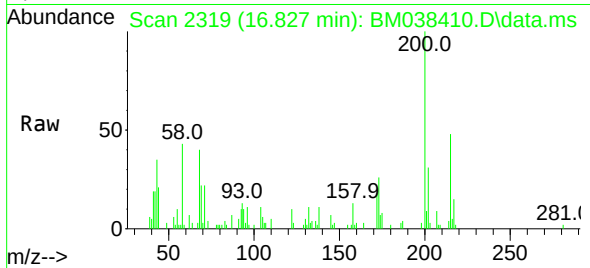
Tgt Ion:284 Resp: 15634
Ion Ratio Lower Upper
284 100
142 36.4 30.1 45.1
249 35.8 25.0 37.4





#70
 Atrazine
 Concen: 3.590 ng/ul
 RT: 16.827 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038410.D
 Acq: 09 Jan 2023 12:03

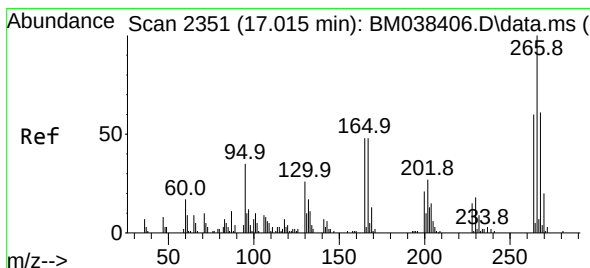
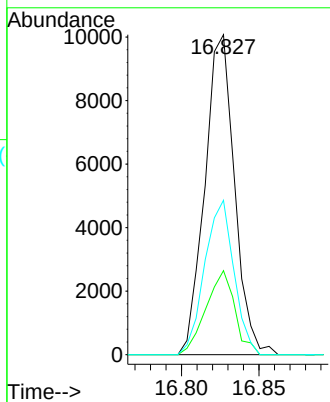
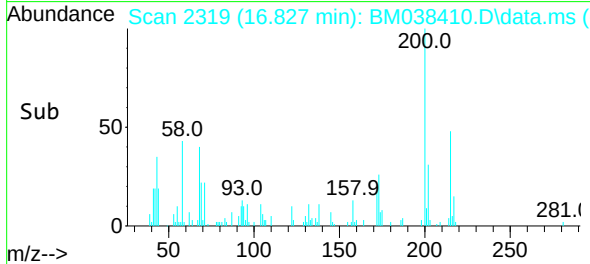
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2022-05



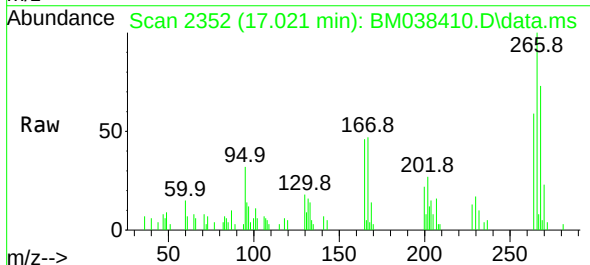
Tgt Ion:200 Resp: 1344
 Ion Ratio Lower Upper
 200 100
 173 26.3 18.6 27.8
 215 48.2 41.1 61.7

Manual Integrations
 APPROVED

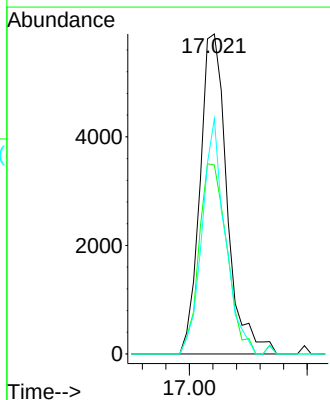
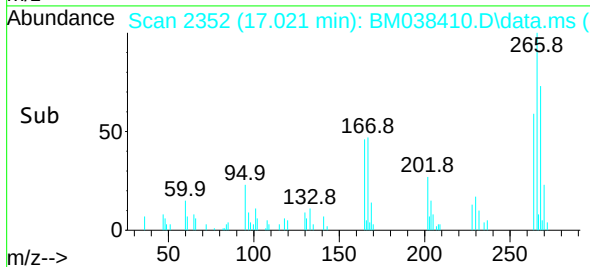
Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

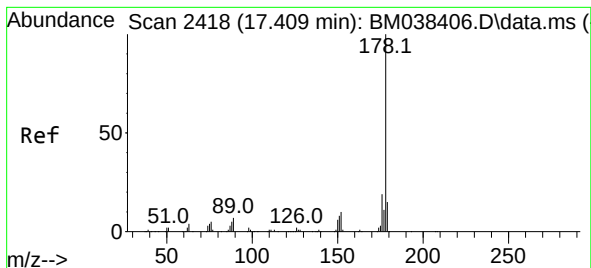


#71
 Pentachlorophenol
 Concen: 3.667 ng/ul m
 RT: 17.021 min Scan# 2352
 Delta R.T. -0.000 min
 Lab File: BM038410.D
 Acq: 09 Jan 2023 12:03



Tgt Ion:266 Resp: 9395
 Ion Ratio Lower Upper
 266 100
 264 59.1 51.6 77.4
 268 73.5 50.9 76.3





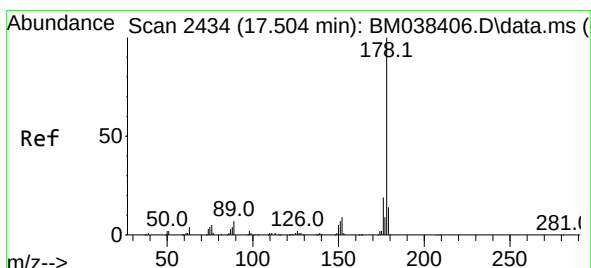
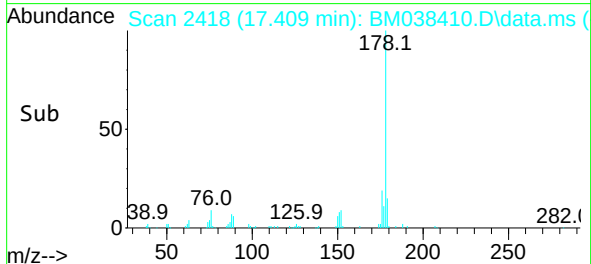
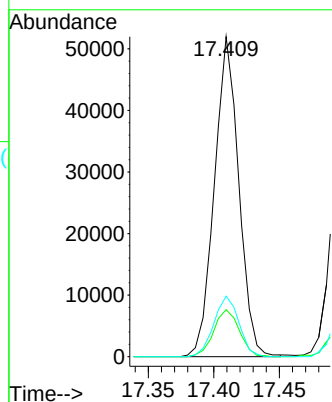
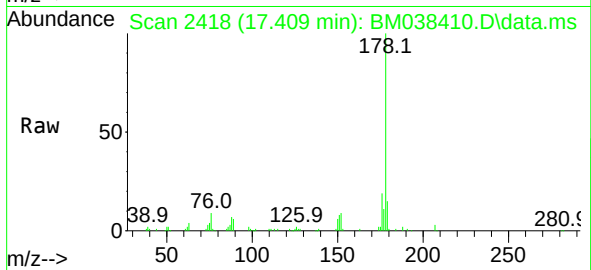
#72
Phenanthrene
Concen: 3.874 ng/u1
RT: 17.409 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05

Tgt Ion:178 Resp: 67164
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 18.9 15.4 23.2

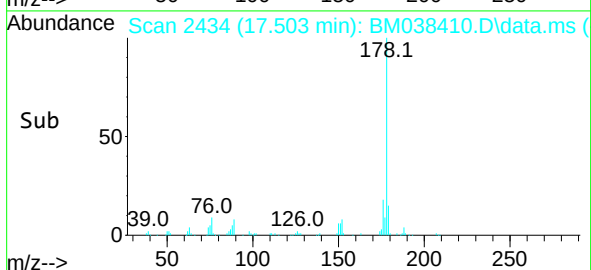
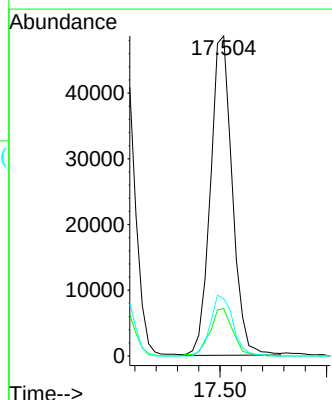
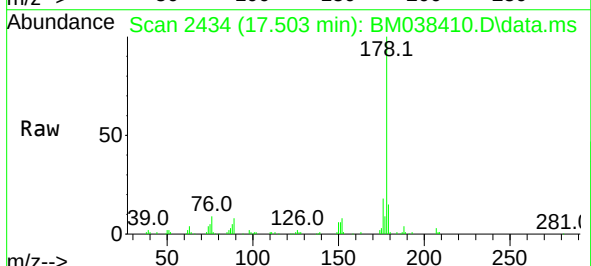
Manual Integrations
APPROVED

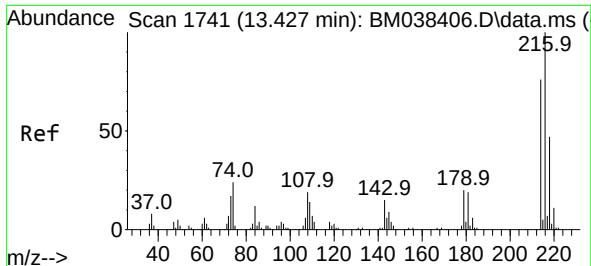
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#74
Anthracene
Concen: 3.872 ng/u1
RT: 17.503 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

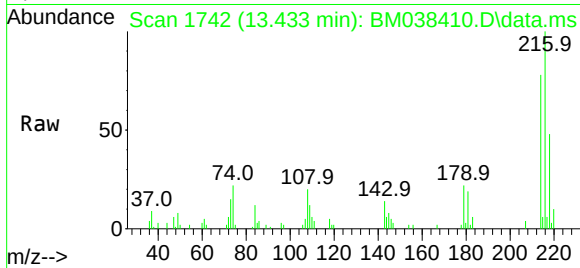
Tgt Ion:178 Resp: 69034
Ion Ratio Lower Upper
178 100
179 14.8 12.2 18.4
176 17.9 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.659 ng/uL
RT: 13.433 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

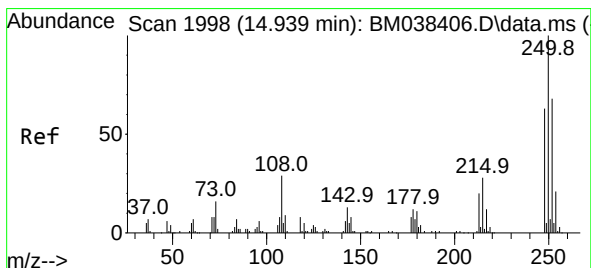
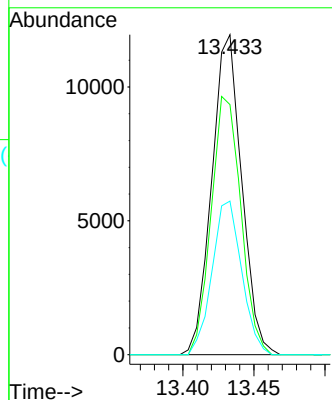
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:216 Resp: 1754
Ion Ratio Lower Upper
216 100
214 78.1 60.2 90.4
218 48.0 38.2 57.4

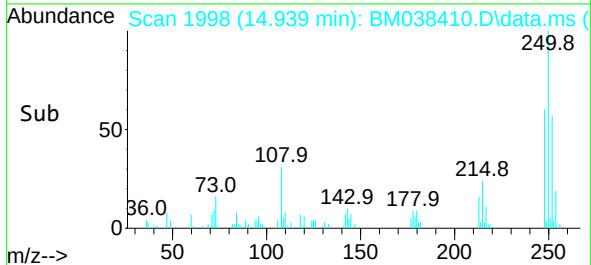
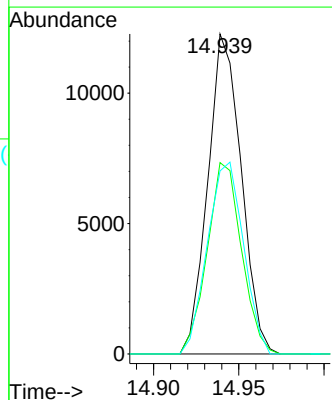
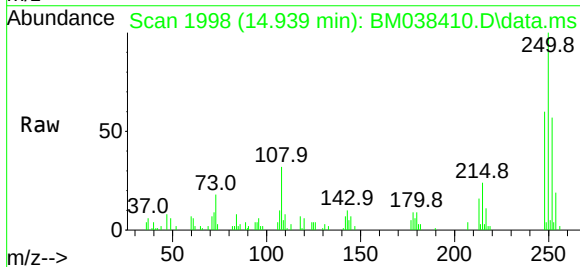
Manual Integrations
APPROVED

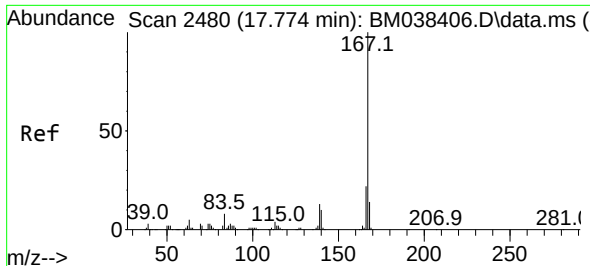
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#76
Pentachlorobenzene
Concen: 3.625 ng/uL
RT: 14.939 min Scan# 1998
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

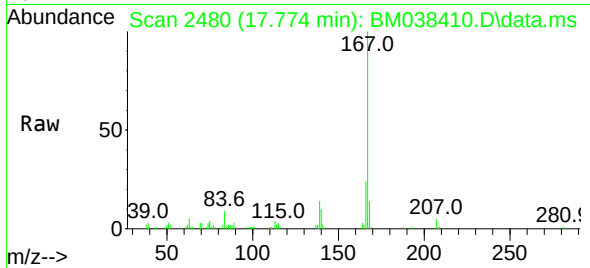
Tgt Ion:250 Resp: 16750
Ion Ratio Lower Upper
250 100
248 63.9 50.3 75.5
252 61.2 53.2 79.8





#77
 Carbazole
 Concen: 3.312 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BM038410.D
 Acq: 09 Jan 2023 12:03

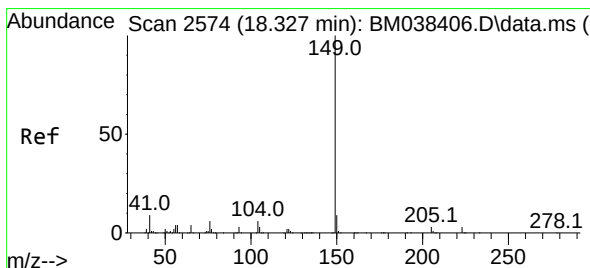
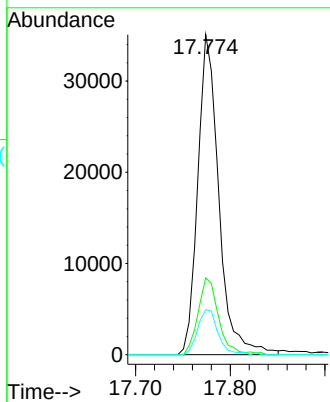
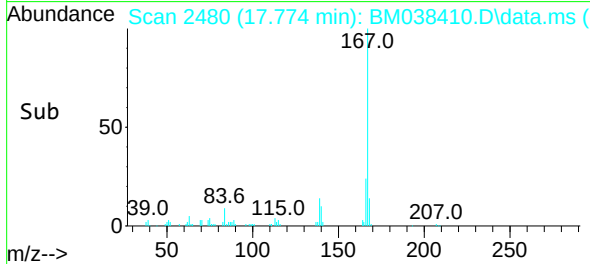
Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT3-2022-05



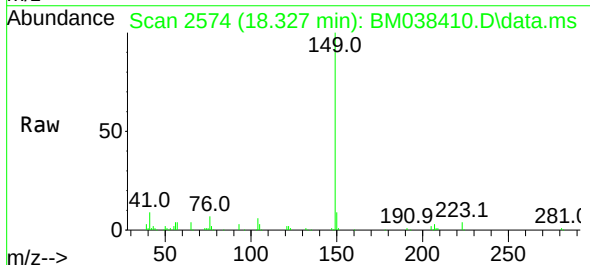
Tgt Ion:167 Resp: 5414
 Ion Ratio Lower Upper
 167 100
 166 24.0 17.8 26.8
 139 14.1 10.2 15.2

Manual Integrations
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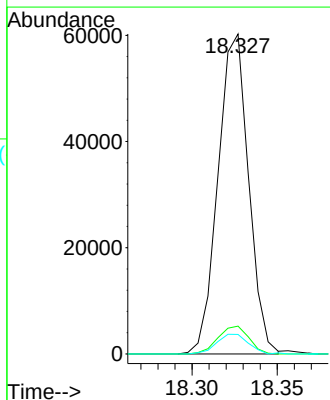
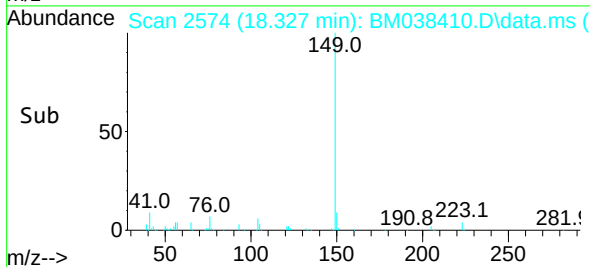
Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

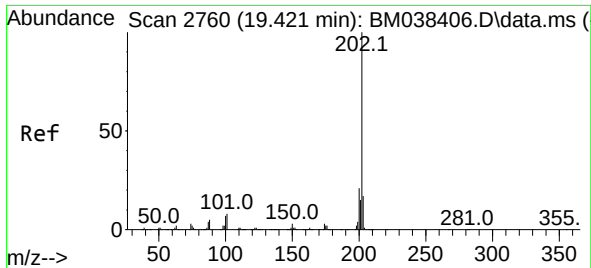


#78
 Di-n-butylphthalate
 Concen: 3.848 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM038410.D
 Acq: 09 Jan 2023 12:03



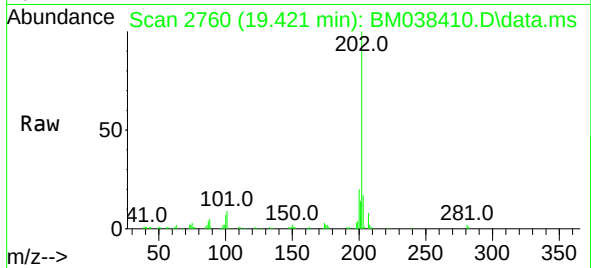
Tgt Ion:149 Resp: 75144
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 6.1 4.8 7.2





#80
Fluoranthene
Concen: 3.610 ng/ul
RT: 19.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

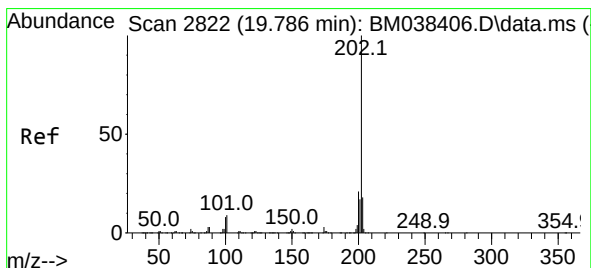
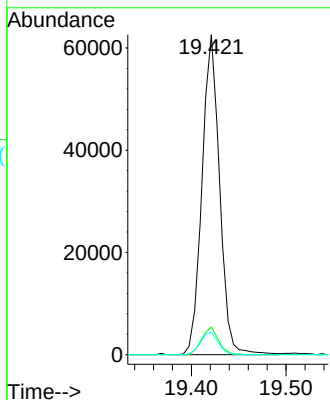
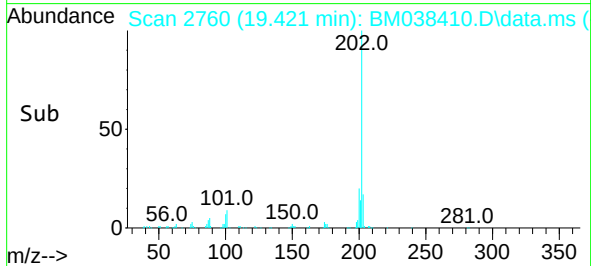
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



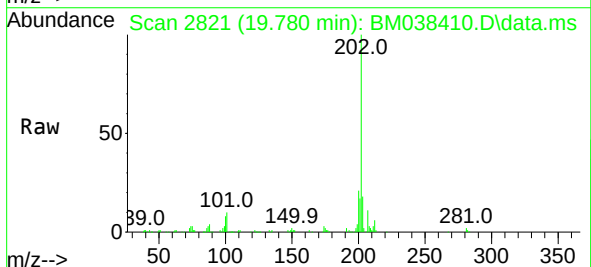
Tgt Ion:202 Resp: 80674
Ion Ratio Lower Upper
202 100
101 8.6 7.0 10.6
100 7.1 5.8 8.8

Manual Integrations
APPROVED

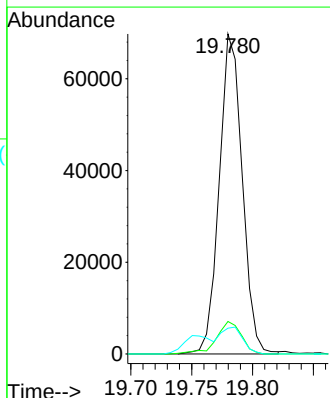
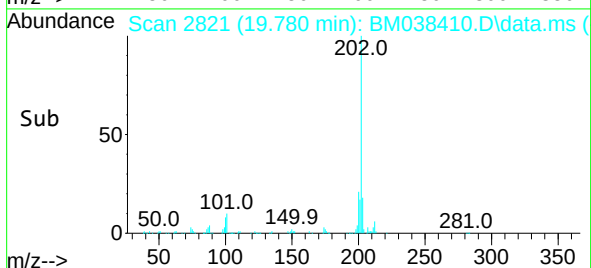
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

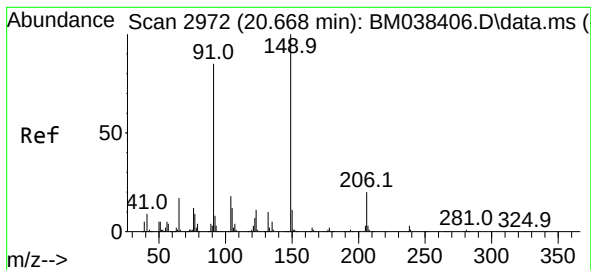


#82
Pyrene
Concen: 3.769 ng/ul
RT: 19.780 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



Tgt Ion:202 Resp: 91810
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.1 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.675 ng/ul

RT: 20.668 min Scan# 2972

Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

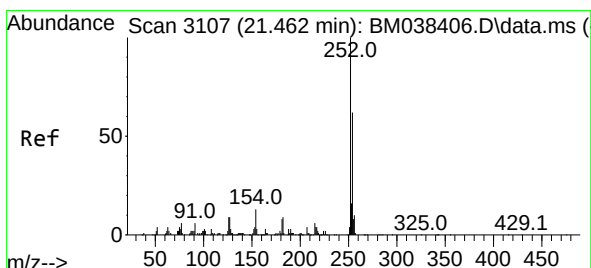
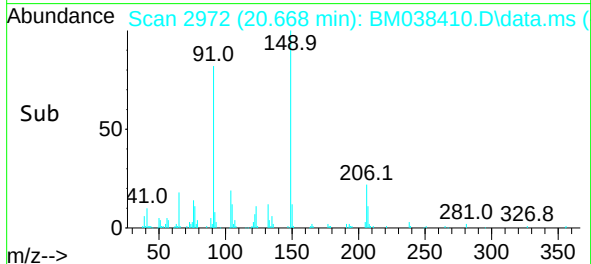
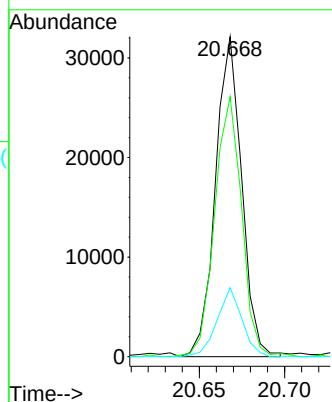
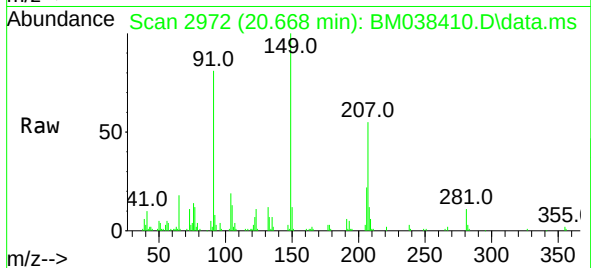
MDL-SOIL-QT3-2022-05

Tgt Ion:	149	Resp:	34324
Ion Ratio	Lower	Upper	
149	100		
91	81.3	65.0	97.6
206	21.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.796 ng/ul

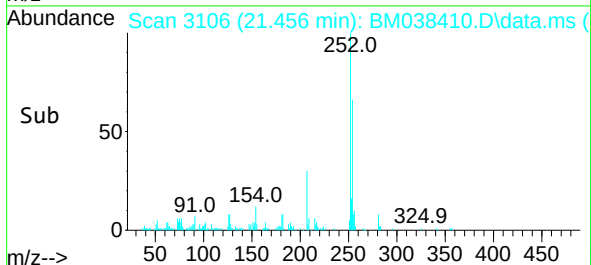
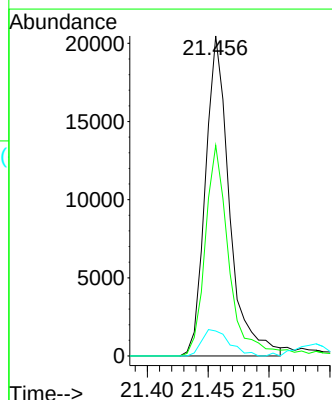
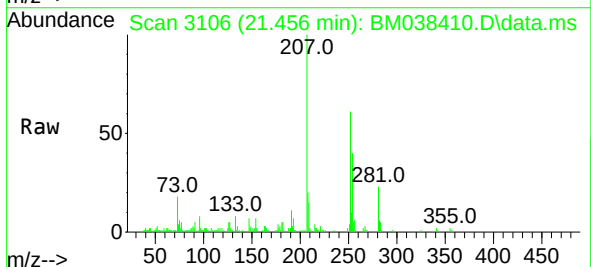
RT: 21.456 min Scan# 3106

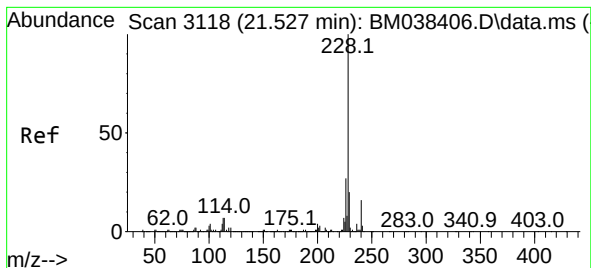
Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Tgt Ion:	252	Resp:	28115
Ion Ratio	Lower	Upper	
252	100		
254	65.8	52.1	78.1
126	7.8	6.4	9.6





#85

Benzo(a)anthracene

Concen: 3.851 ng/ul

RT: 21.521 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

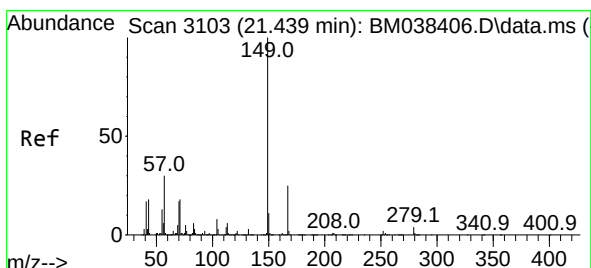
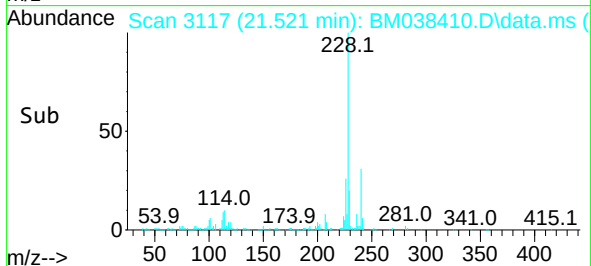
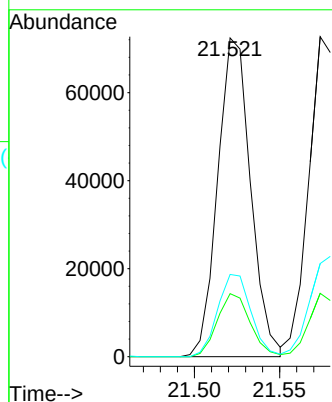
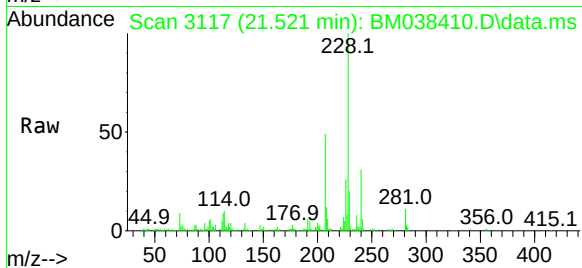
MDL-SOIL-QT3-2022-05

Tgt Ion:	228	Resp:	9732
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.6	23.4
226	25.8	21.1	31.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.783 ng/ul

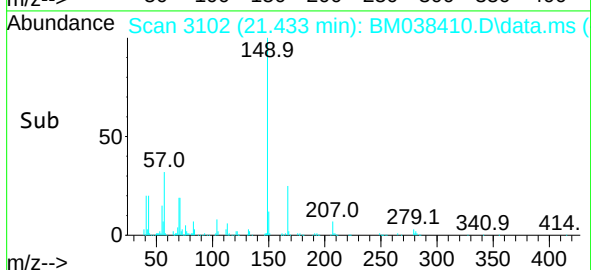
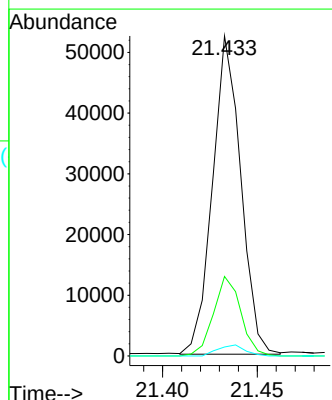
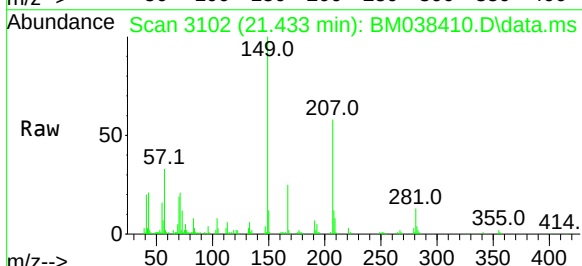
RT: 21.433 min Scan# 3102

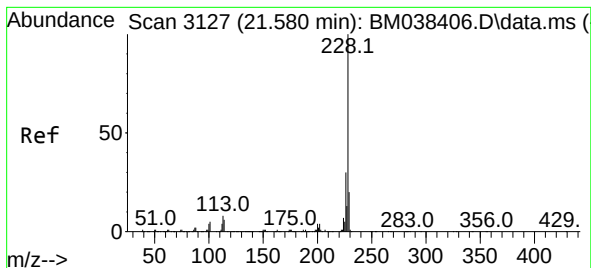
Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Tgt Ion:	149	Resp:	54539
Ion Ratio	Lower	Upper	
149	100		
167	24.9	19.7	29.5
279	2.8	2.8	4.2





#87

Chrysene

Concen: 3.868 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT3-2022-05

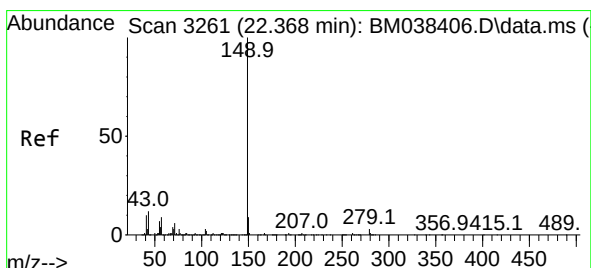
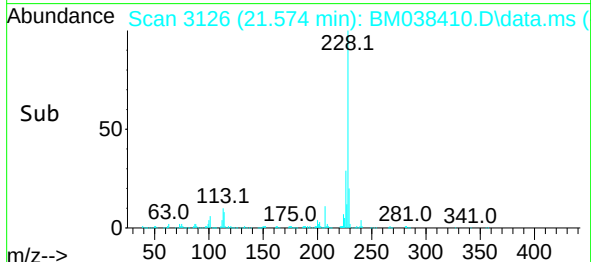
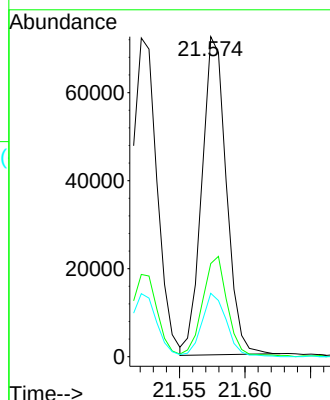
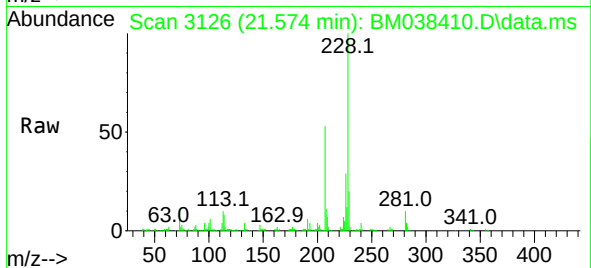
Tgt Ion:228 Resp: 9391

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.0	36.0
229	19.8	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#89

Di-n-octyl phthalate

Concen: 3.088 ng/ul

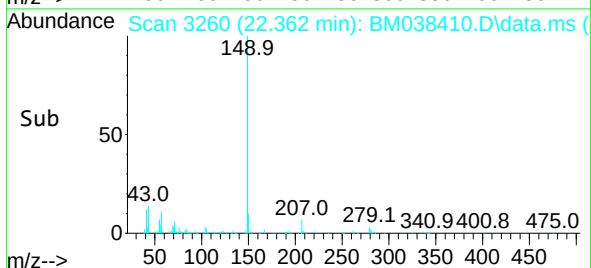
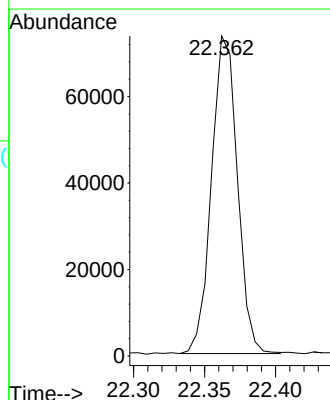
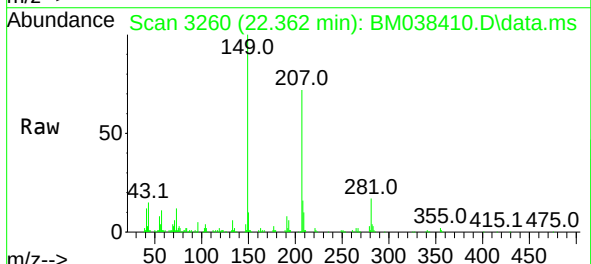
RT: 22.362 min Scan# 3260

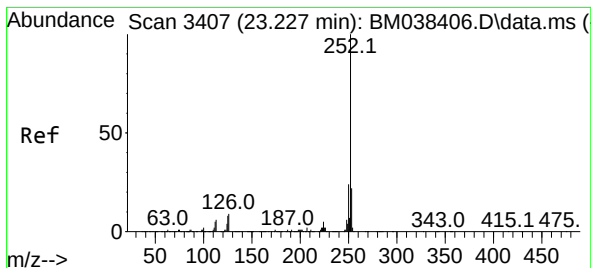
Delta R.T. -0.006 min

Lab File: BM038410.D

Acq: 09 Jan 2023 12:03

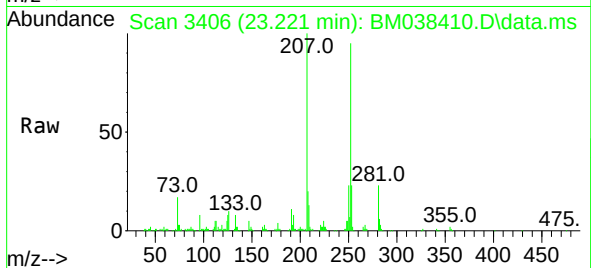
Tgt Ion:149 Resp: 93227





#90
Benzo(b)fluoranthene
Concen: 3.668 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

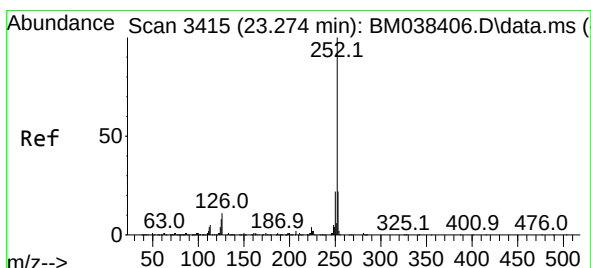
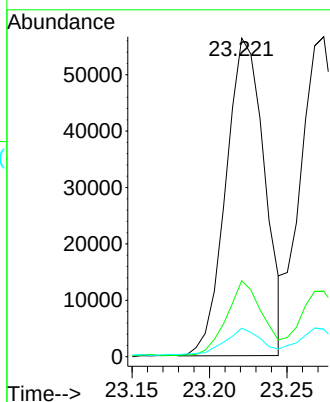
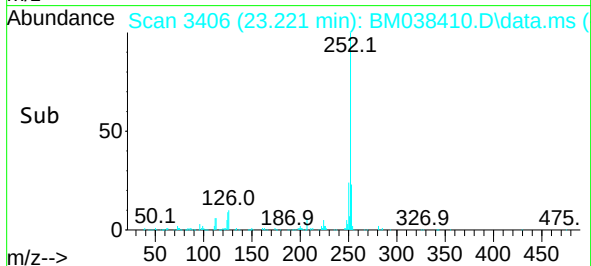
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



Tgt Ion:252 Resp: 97938
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.6
125 8.9 6.6 10.0

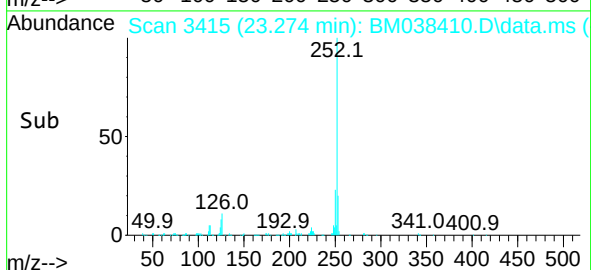
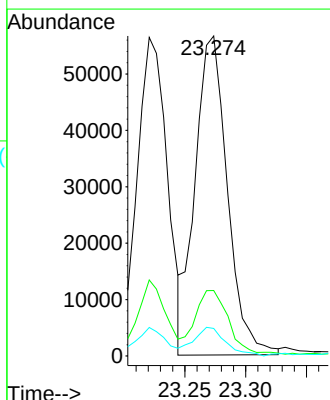
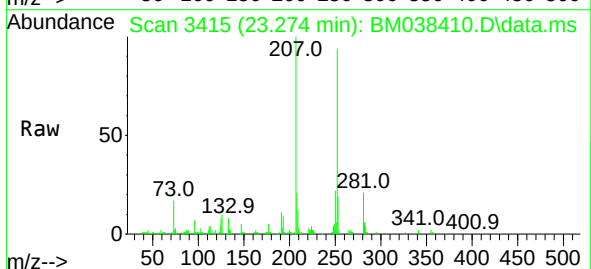
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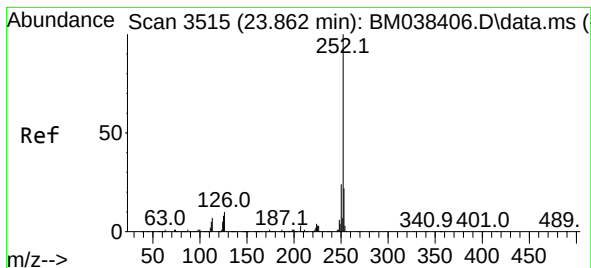
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#91
Benzo(k)fluoranthene
Concen: 3.894 ng/ul
RT: 23.274 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

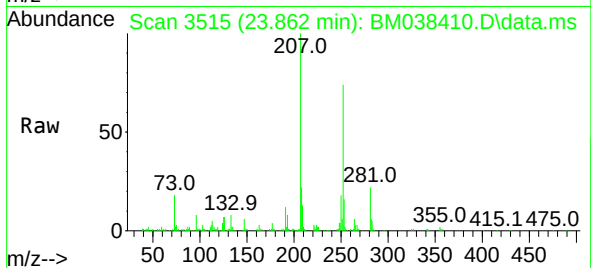
Tgt Ion:252 Resp: 104400
Ion Ratio Lower Upper
252 100
253 20.5 17.8 26.6
125 8.6 6.3 9.5





#93
Benzo(a)pyrene
Concen: 3.726 ng/ul
RT: 23.862 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

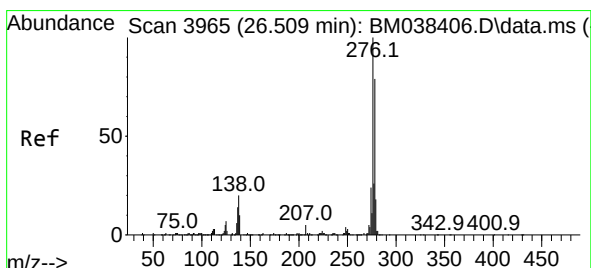
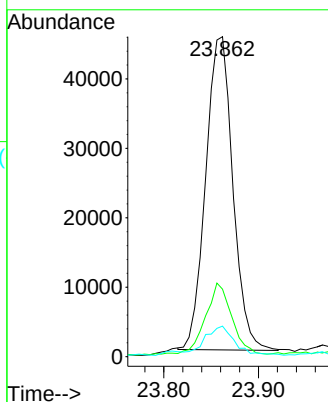
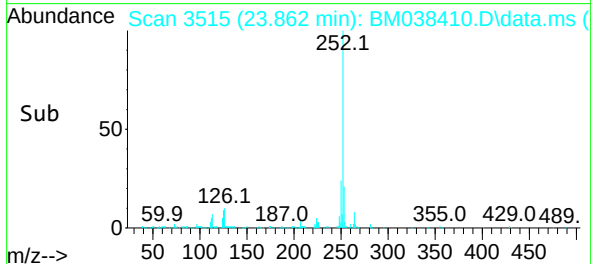
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



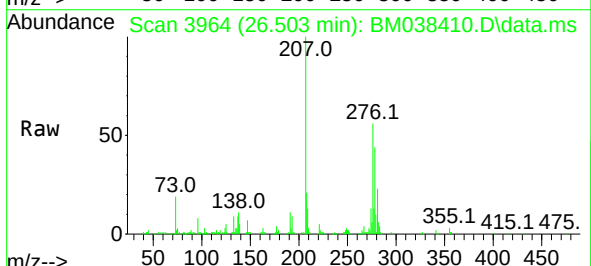
Tgt Ion:252 Resp: 90039
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 9.6 7.4 11.0

Manual Integrations
APPROVED

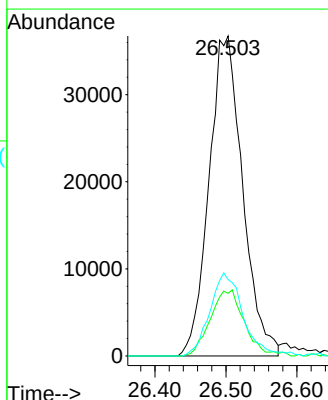
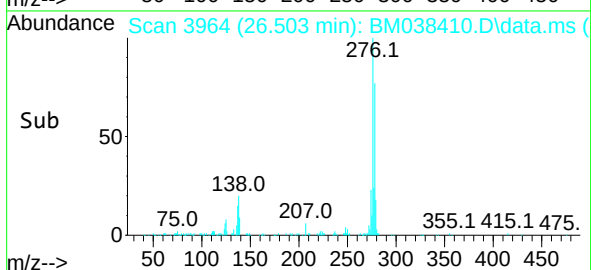
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

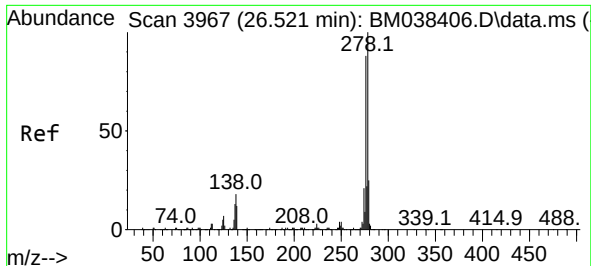


#94
Indeno(1,2,3-cd)pyrene
Concen: 3.933 ng/ul
RT: 26.503 min Scan# 3964
Delta R.T. -0.012 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



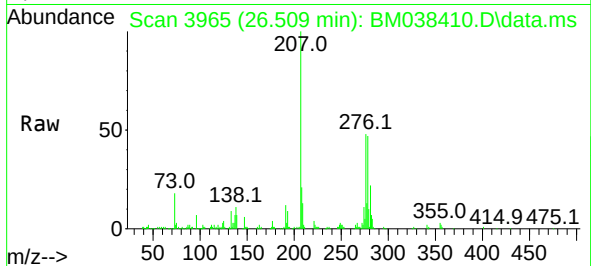
Tgt Ion:276 Resp: 120777
Ion Ratio Lower Upper
276 100
138 19.5 15.7 23.5
277 23.9 20.2 30.4





#95
Dibenzo(a,h)anthracene
Concen: 3.917 ng/ul
RT: 26.509 min Scan# 3965
Delta R.T. -0.018 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03

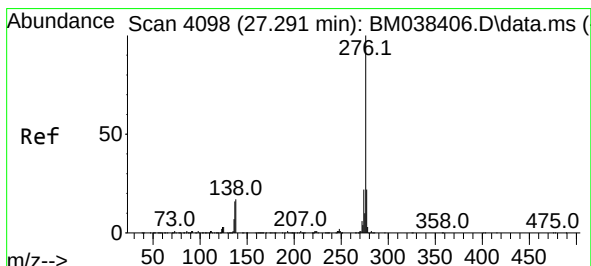
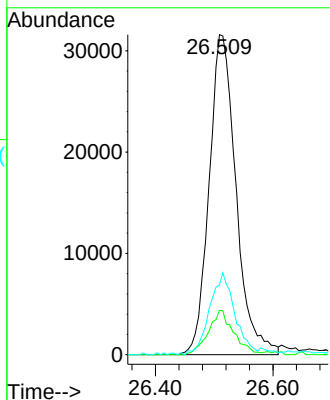
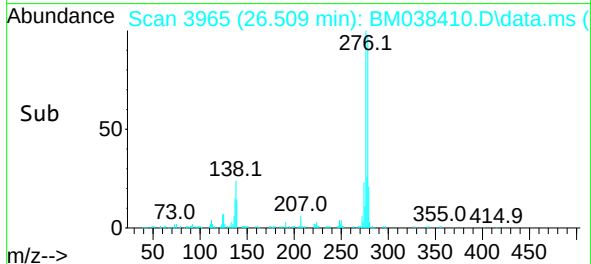
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2022-05



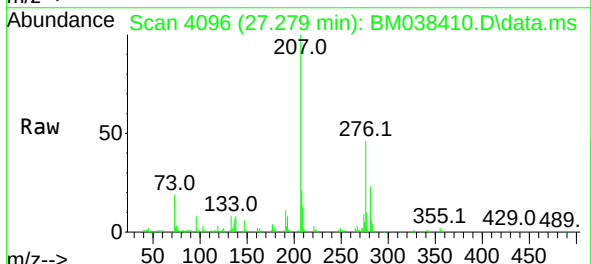
Tgt Ion:278 Resp: 100370
Ion Ratio Lower Upper
278 100
139 13.9 10.0 15.0
279 21.8 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#96
Benzo(g,h,i)perylene
Concen: 4.006 ng/ul
RT: 27.279 min Scan# 4096
Delta R.T. -0.018 min
Lab File: BM038410.D
Acq: 09 Jan 2023 12:03



Tgt Ion:276 Resp: 100734
Ion Ratio Lower Upper
276 100
138 16.4 13.8 20.6
277 22.1 18.6 28.0

