

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010923\
 Data File : BM038412.D
 Acq On : 09 Jan 2023 13:22
 Operator : CG/JU
 Sample : N4239-05
 Misc : SFAM-MDL-MES-01-4PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 09 14:00:44 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	7.993	152	51562	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	197108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	127707	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	300455	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	317210	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	391311	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	6891	4.334	ng/uL	0.00
4) Pyridine-d5	3.799	84	56962	12.383	ng/u1	0.00
7) Phenol-d5	7.157	99	92607	19.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	69754	20.643	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	64135	19.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	61885	17.068	ng/u1	-0.01
21) Nitrobenzene-d5	9.169	128	28715	18.569	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	31365	17.884	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	60030	17.724	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	75831	16.225	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	179267	18.535	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	201314	17.861	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	25659	14.737	ng/u1	0.00
60) Fluorene-d10	15.616	176	159589	18.145	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	32609	14.975	ng/u1	0.00
73) Anthracene-d10	17.468	188	254945	17.590	ng/u1	0.00
81) Pyrene-d10	19.757	212	320362	18.149	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	342412	17.618	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	2155m	1.269	ng/uL	
5) Pyridine	3.822	79	19174	3.946	ng/u1#	82
6) Benzaldehyde	7.140	77	12894	6.677	ng/u1	94
8) Phenol	7.181	94	22655	4.572	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.422	93	17609	4.438	ng/u1	99
12) 2-Chlorophenol	7.557	128	14285	4.110	ng/u1	98
13) 2-Methylphenol	8.445	108	12347	3.488	ng/u1	91
14) 2,2'-oxybis(1-Chloropr...	8.522	45	26476	4.207	ng/u1	96
16) Acetophenone	8.828	105	24292	3.786	ng/u1#	95
17) N-Nitroso-di-n-propyla...	8.804	70	14653	4.239	ng/u1	97
18) 4-Methylphenol	8.775	108	15126	3.928	ng/u1	96
19) Hexachloroethane	9.075	117	6853	4.234	ng/u1#	86
22) Nitrobenzene	9.210	77	22007	4.315	ng/u1	99
23) Isophorone	9.734	82	36015	4.119	ng/u1	98
25) 2-Nitrophenol	9.922	139	7229	3.957	ng/u1	92
26) 2,4-Dimethylphenol	9.981	107	16949	3.969	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.216	93	20065	4.010	ng/u1	98
29) 2,4-Dichlorophenol	10.457	162	13180	4.002	ng/u1	93
30) Naphthalene	10.857	128	42948	4.085	ng/u1	99
32) 4-Chloroaniline	10.975	127	18266	3.836	ng/u1	94
33) Hexachlorobutadiene	11.134	225	10452	4.263	ng/u1	89
34) Caprolactam	11.769	113	3614m	3.845	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	13252	3.782	ng/u1	98
36) 2-Methylnaphthalene	12.463	142	27384	3.996	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.681	142	26003	3.667	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	18033	3.994	ng/ul	95
40) Hexachlorocyclopentadiene	12.798	237	10810	3.390	ng/ul	91
41) 2,4,6-Trichlorophenol	13.069	196	10745	3.834	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	11630m	3.872	ng/ul	
43) 1,1'-Biphenyl	13.463	154	37379	3.872	ng/ul	96
44) 2-Chloronaphthalene	13.510	162	30929	3.924	ng/ul	96
45) 2-Nitroaniline	13.722	65	9438m	3.580	ng/ul	
47) Dimethylphthalate	14.086	163	41101	4.188	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	6752	3.613	ng/ul	97
50) Acenaphthylene	14.351	152	47033	3.934	ng/ul	97
51) 3-Nitroaniline	14.545	138	5623m	3.268	ng/ul	
52) Acenaphthene	14.692	153	34561	4.085	ng/ul	98
53) 2,4-Dinitrophenol	14.757	184	5594	4.004	ng/ul	94
55) 4-Nitrophenol	14.845	109	6396m	3.509	ng/ul	
56) Dibenzofuran	15.027	168	48207	4.009	ng/ul	96
57) 2,4-Dinitrotoluene	14.992	165	10124	3.703	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	10458	3.898	ng/ul	95
59) Diethylphthalate	15.439	149	41656	4.095	ng/ul	98
61) Fluorene	15.669	166	39067	3.784	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.663	204	22493	4.140	ng/ul	96
63) 4-Nitroaniline	15.704	138	6505m	3.951	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.757	198	8967	4.297	ng/ul#	95
67) N-Nitrosodiphenylamine	15.880	169	32506	3.794	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	12403	3.897	ng/ul	93
69) Hexachlorobenzene	16.668	284	14910	4.061	ng/ul	92
70) Atrazine	16.827	200	13222	3.734	ng/ul	94
71) Pentachlorophenol	17.021	266	8827	3.643	ng/ul	97
72) Phenanthrene	17.410	178	65224	3.979	ng/ul	99
74) Anthracene	17.504	178	65043	3.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	16930	3.733	ng/ul	97
76) Pentachlorobenzene	14.945	250	15903	3.639	ng/ul	98
77) Carbazole	17.774	167	52782	3.415	ng/ul	98
78) Di-n-butylphthalate	18.327	149	71347	3.863	ng/ul	99
80) Fluoranthene	19.421	202	77434	3.879	ng/ul	99
82) Pyrene	19.786	202	86734	3.987	ng/ul#	94
83) Butylbenzylphthalate	20.668	149	29545	3.541	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.456	252	26154	3.954	ng/ul#	98
85) Benzo(a)anthracene	21.521	228	87701	3.885	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	47304	3.673	ng/ul	99
87) Chrysene	21.574	228	82925	3.824	ng/ul	98
89) Di-n-octyl phthalate	22.362	149	86196	3.079	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	93265	3.767	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	91492m	3.680	ng/ul	
93) Benzo(a)pyrene	23.862	252	85625	3.821	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.503	276	115254	4.047	ng/ul	93
95) Dibenzo(a,h)anthracene	26.515	278	95163	4.004	ng/ul	99
96) Benzo(g,h,i)perylene	27.280	276	94986	4.074	ng/ul	99

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

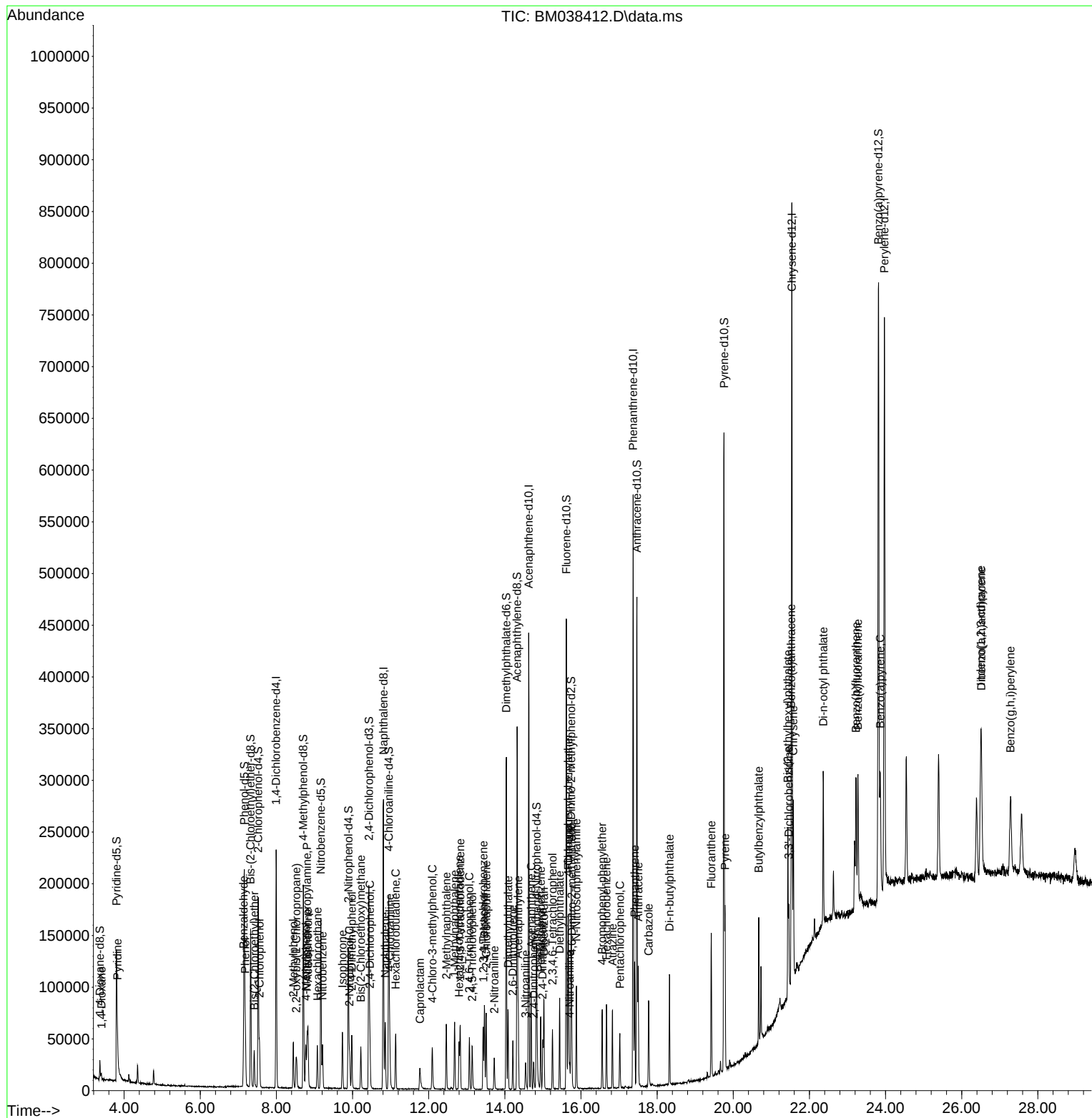
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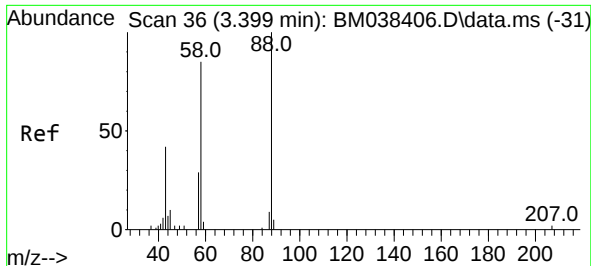
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT3-2022-05

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 Quant Title : SVOA CALIBRATION
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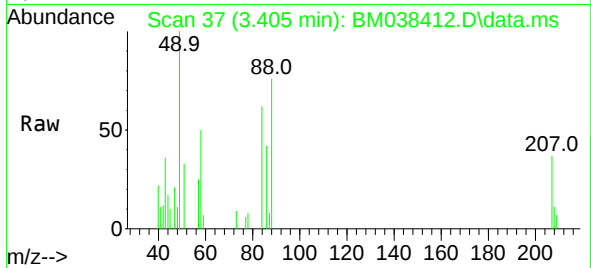
Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023





#2
1,4-Dioxane
Concen: 1.269 ng/uL m
RT: 3.405 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

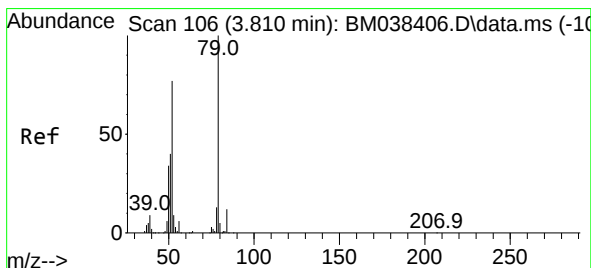
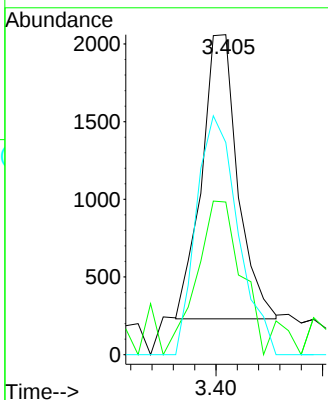
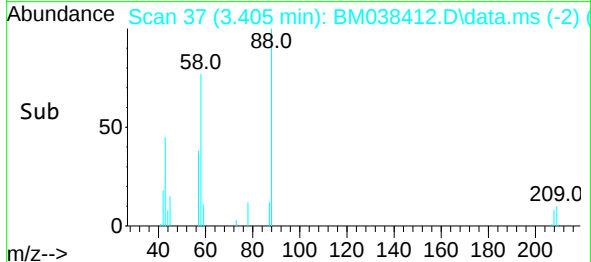
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 88 Resp: 215
Ion Ratio Lower Upper
88 100
43 47.7 30.6 45.8
58 66.3 60.2 90.4

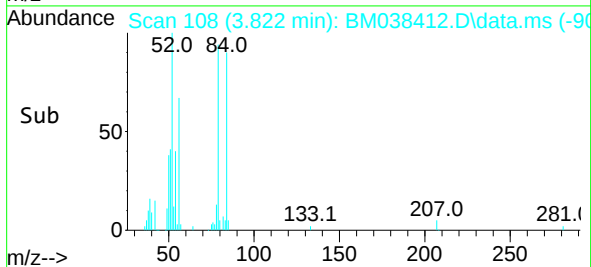
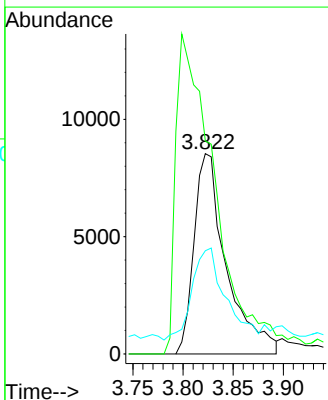
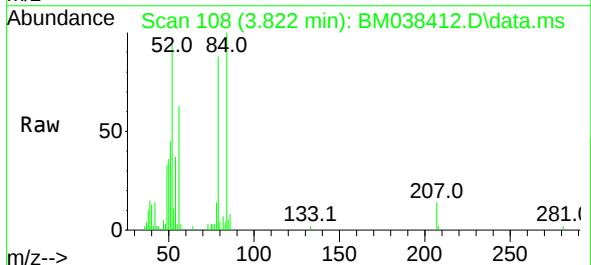
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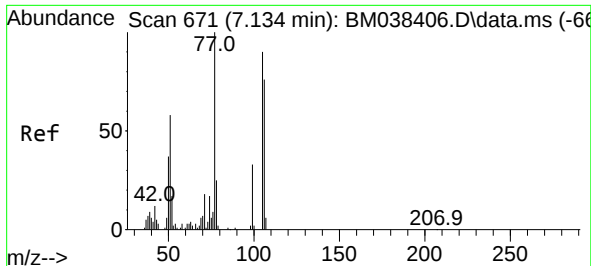
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#5
Pyridine
Concen: 3.946 ng/uL
RT: 3.822 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

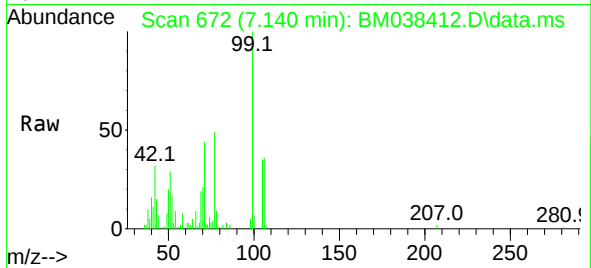
Tgt Ion: 79 Resp: 19174
Ion Ratio Lower Upper
79 100
52 106.3 69.6 104.4
51 51.5 34.8 52.2





#6
Benzaldehyde
Concen: 6.677 ng/uI
RT: 7.140 min Scan# 671
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

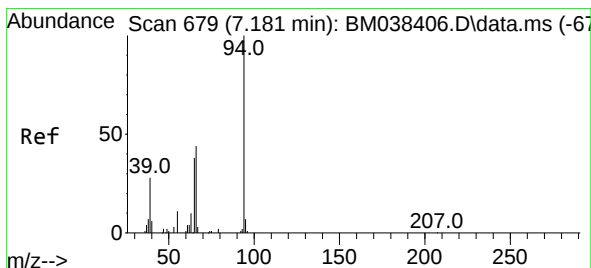
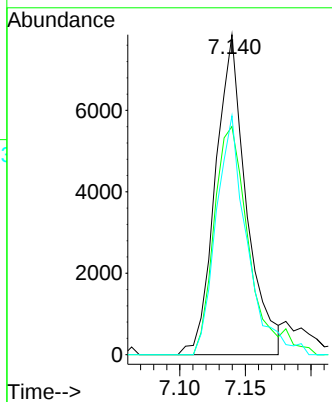
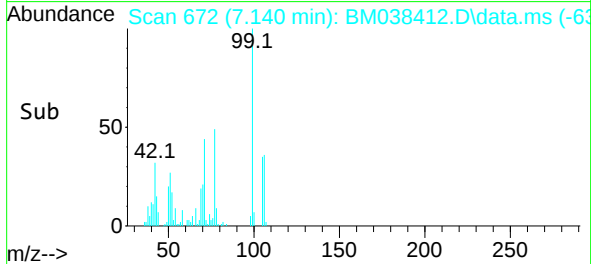
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 77 Resp: 12894
Ion Ratio Lower Upper
77 100
105 71.3 64.5 96.7
106 74.6 60.6 90.8

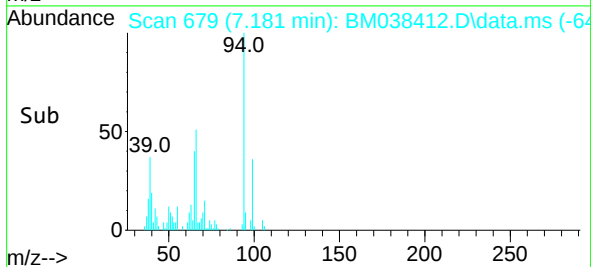
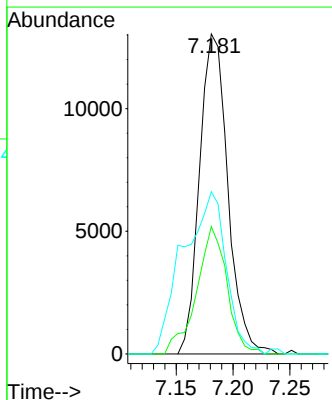
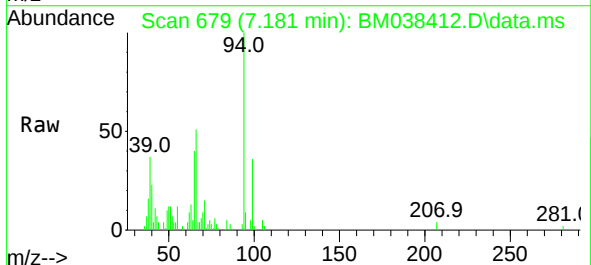
Manual Integrations
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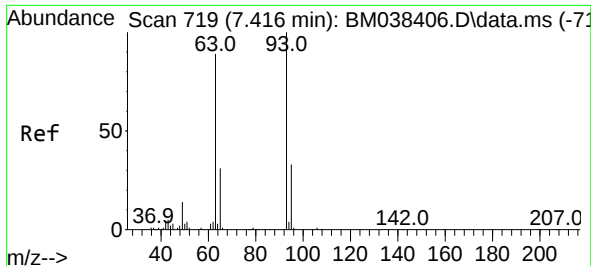
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#8
Phenol
Concen: 4.572 ng/uI
RT: 7.181 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

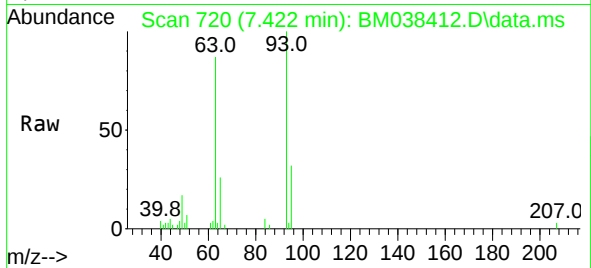
Tgt Ion: 94 Resp: 22655
Ion Ratio Lower Upper
94 100
65 39.8 29.4 44.2
66 50.7 38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.438 ng/ul
RT: 7.422 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

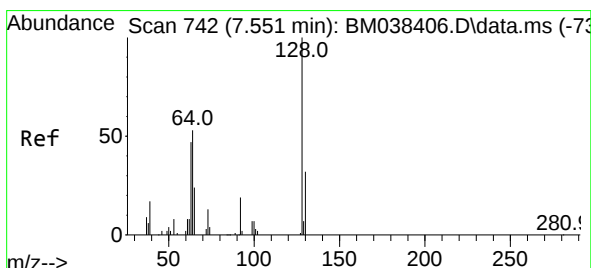
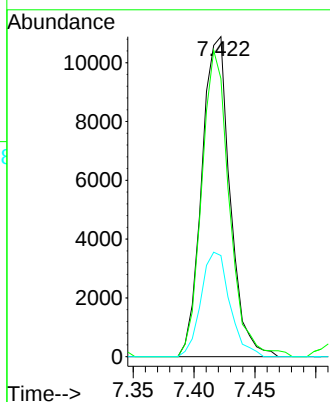
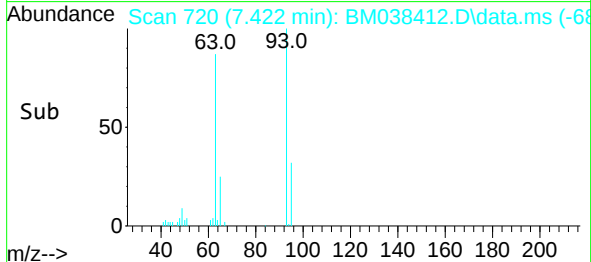
Instrument :
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Tgt Ion: 93 Resp: 17609
Ion Ratio Lower Upper
93 100
63 86.9 69.6 104.4
95 31.6 26.6 40.0

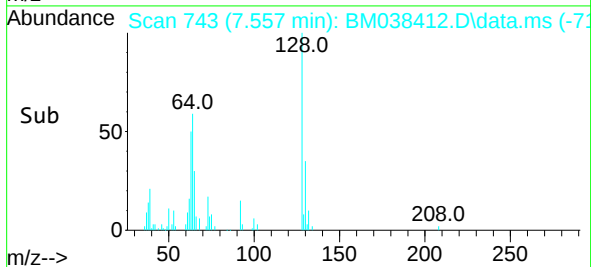
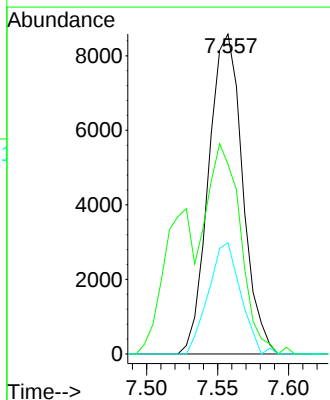
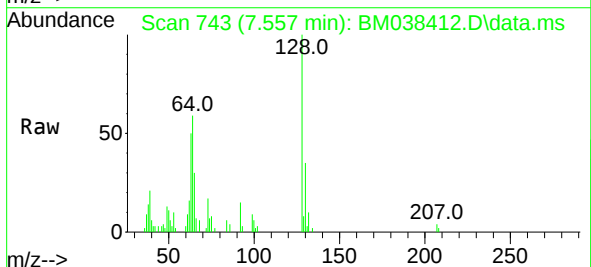
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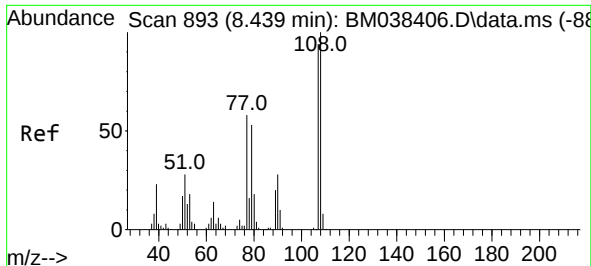
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#12
2-Chlorophenol
Concen: 4.110 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038412.D
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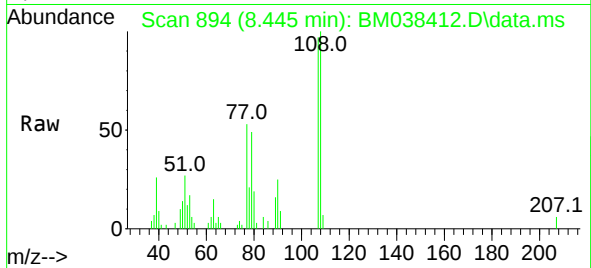
Tgt Ion:128 Resp: 14285
Ion Ratio Lower Upper
128 100
64 59.3 47.3 70.9
130 34.7 25.7 38.5





#13
2-Methylphenol
Concen: 3.488 ng/ul
RT: 8.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

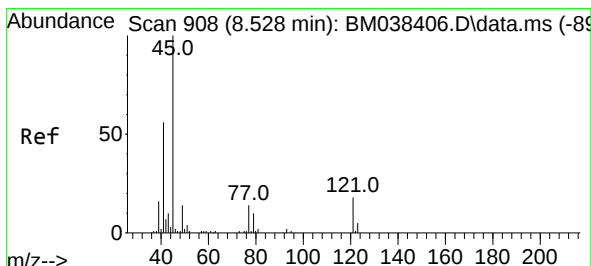
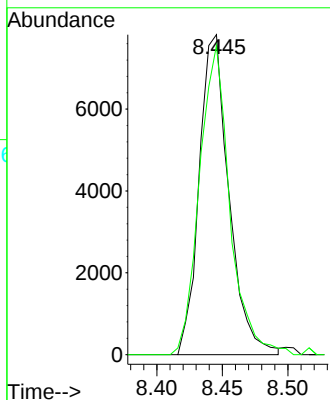
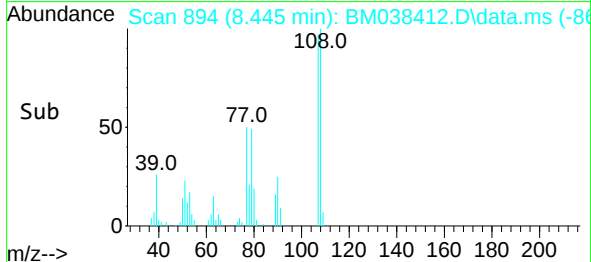
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:108 Resp: 12345
Ion Ratio Lower Upper
108 100
107 96.6 70.3 105.5

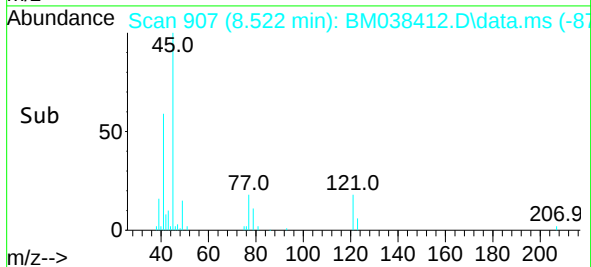
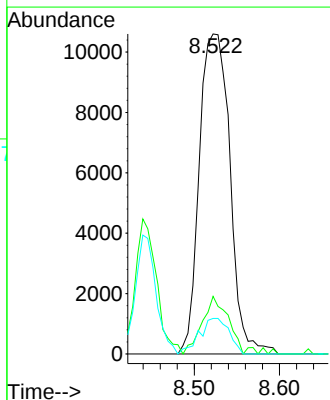
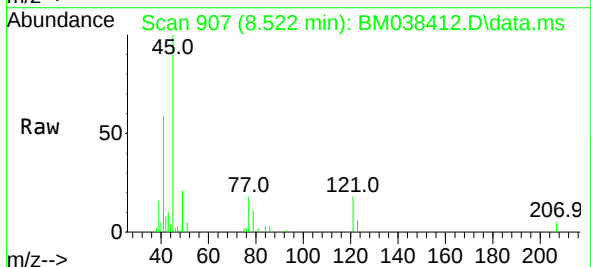
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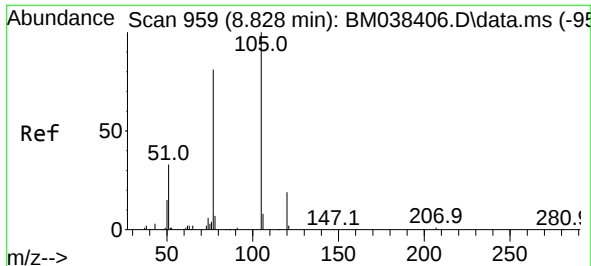
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.207 ng/ul
RT: 8.522 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

Tgt Ion: 45 Resp: 26476
Ion Ratio Lower Upper
45 100
77 18.0 12.2 18.2
79 11.1 8.6 13.0





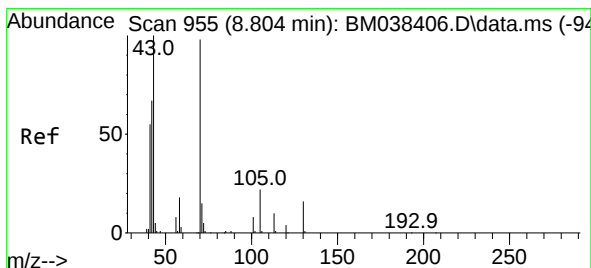
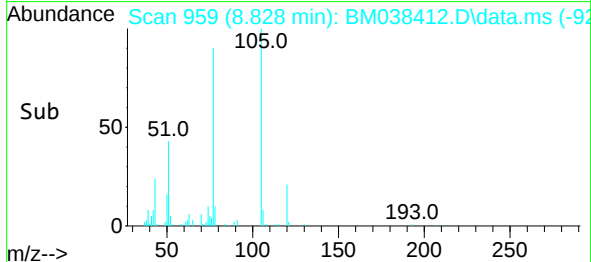
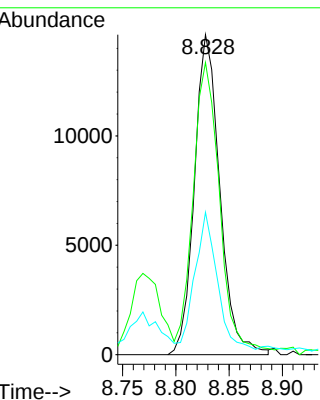
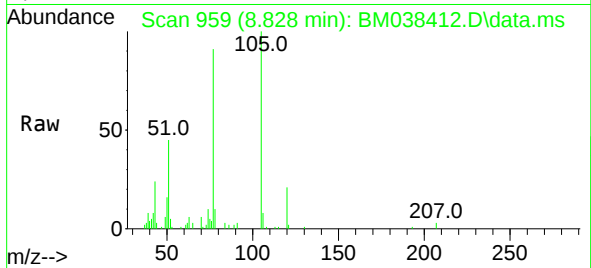
#16
Acetophenone
Concen: 3.786 ng/ul
RT: 8.828 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

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

Tgt Ion: 105 Resp: 24292
Ion Ratio Lower Upper
105 100
77 91.3 71.9 107.9
51 44.5 29.1 43.7

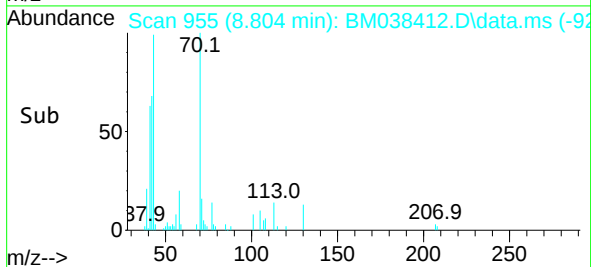
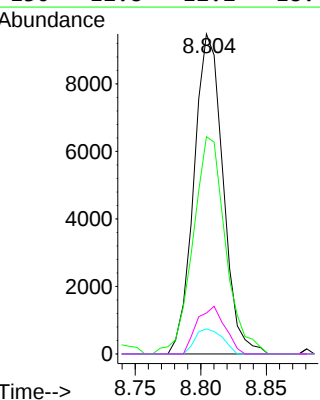
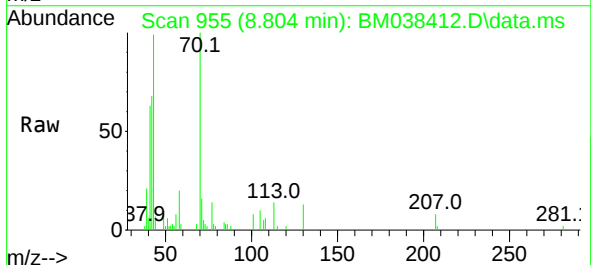
Manual Integrations
APPROVED

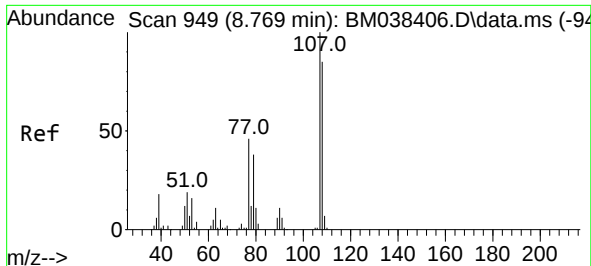
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#17
N-Nitroso-di-n-propylamine
Concen: 4.239 ng/ul
RT: 8.804 min Scan# 955
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

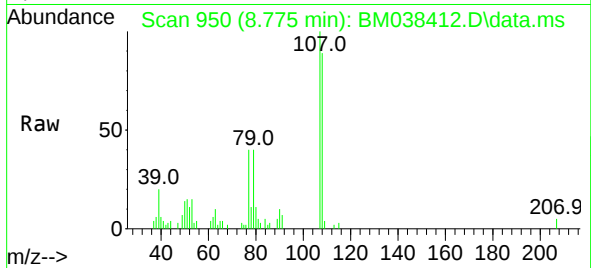
Tgt Ion: 70 Resp: 14653
Ion Ratio Lower Upper
70 100
42 67.9 53.0 79.6
101 7.9 7.2 10.8
130 12.8 12.2 18.4





#18
4-Methylphenol
Concen: 3.928 ng/ul
RT: 8.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

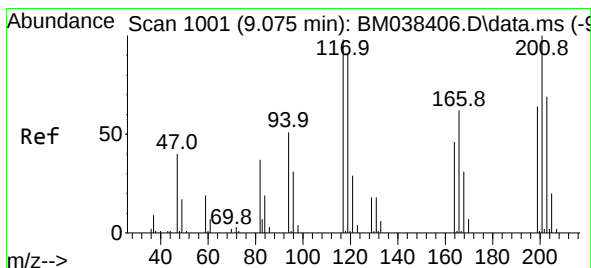
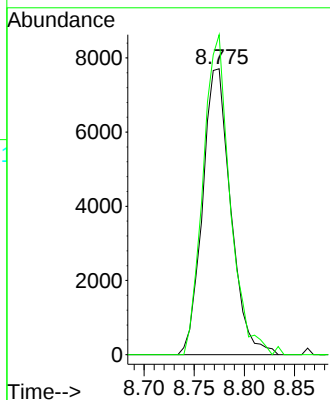
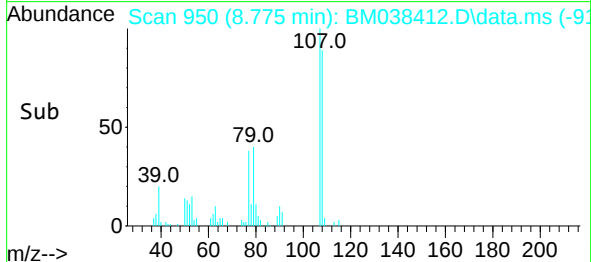
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:108 Resp: 15120
Ion Ratio Lower Upper
108 100
107 111.9 86.4 129.6

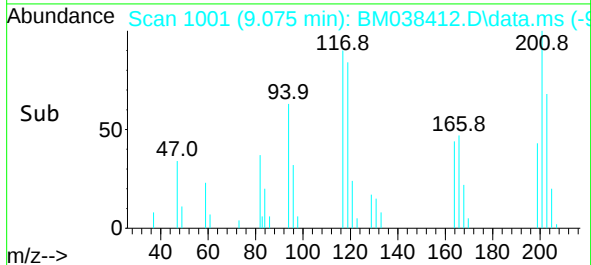
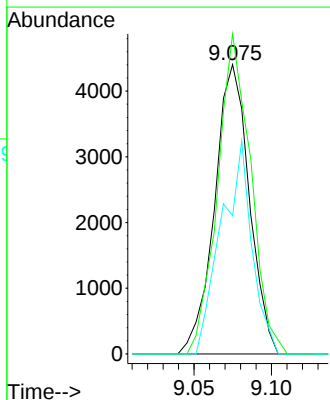
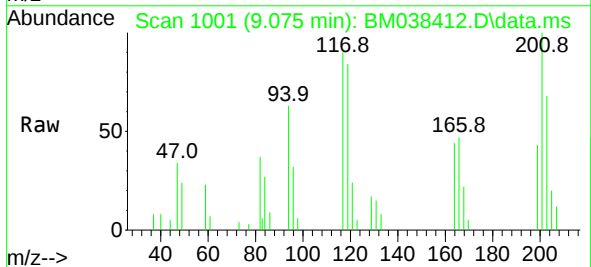
Manual Integrations
APPROVED

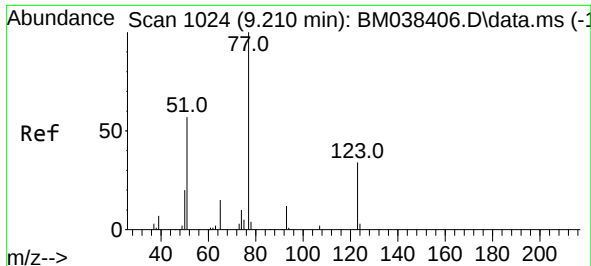
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#19
Hexachloroethane
Concen: 4.234 ng/ul
RT: 9.075 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

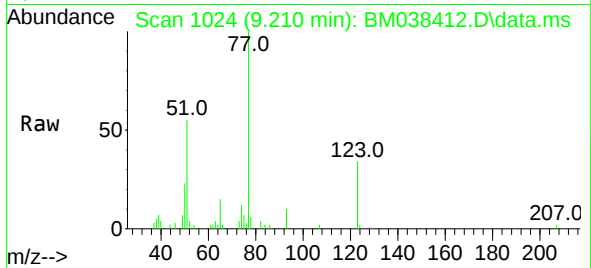
Tgt Ion:117 Resp: 6853
Ion Ratio Lower Upper
117 100
201 110.6 79.8 119.6
199 47.8 50.3 75.5#





#22
Nitrobenzene
Concen: 4.315 ng/ul
RT: 9.210 min Scan# 1102
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

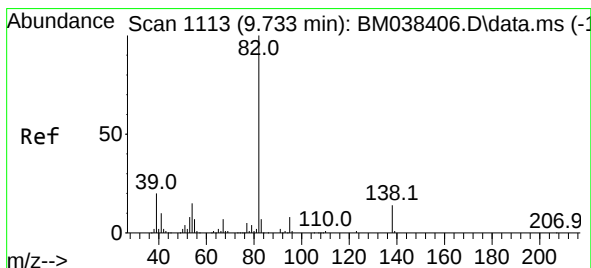
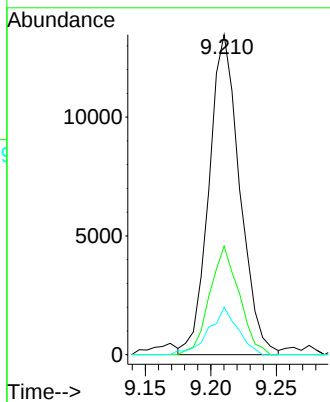
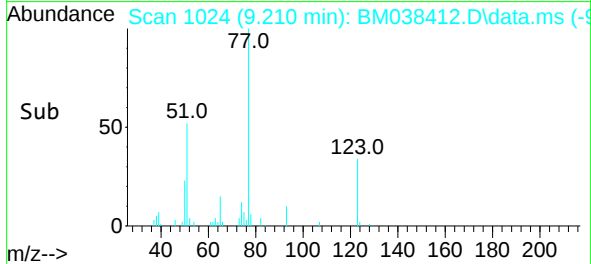
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion: 77 Resp: 2200
Ion Ratio Lower Upper
77 100
123 33.9 26.9 40.3
65 14.9 12.1 18.1

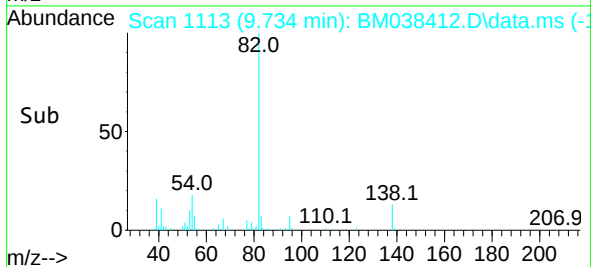
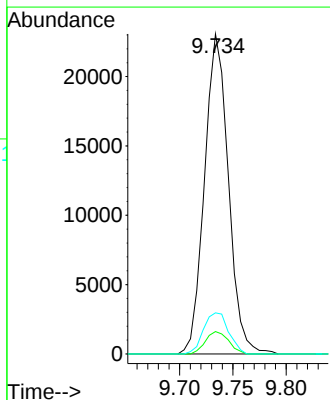
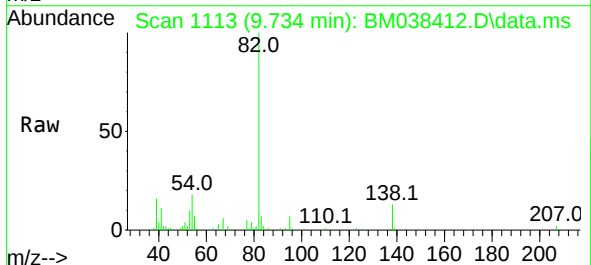
Manual Integrations
APPROVED

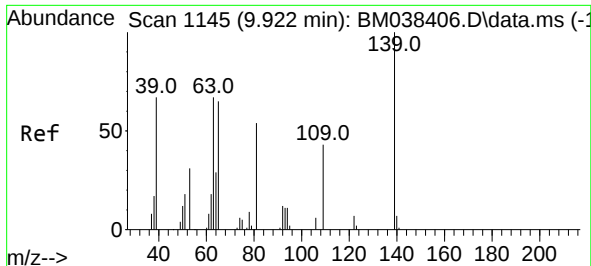
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#23
Isophorone
Concen: 4.119 ng/ul
RT: 9.734 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

Tgt Ion: 82 Resp: 36015
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 12.8 11.1 16.7





#25

2-Nitrophenol

Concen: 3.957 ng/ul

RT: 9.922 min Scan# 1145

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

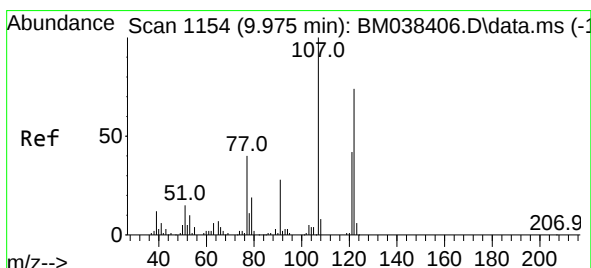
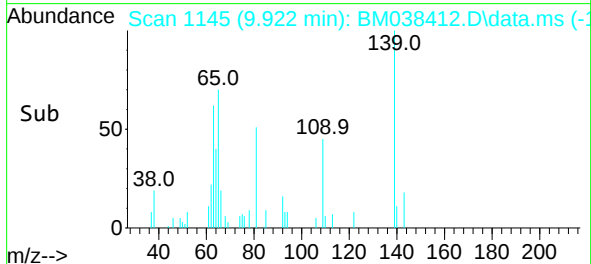
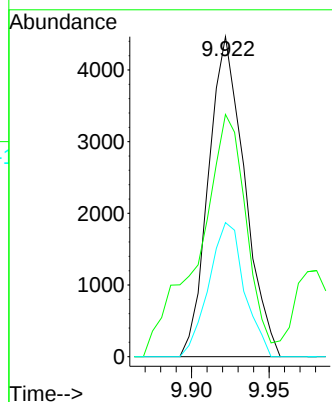
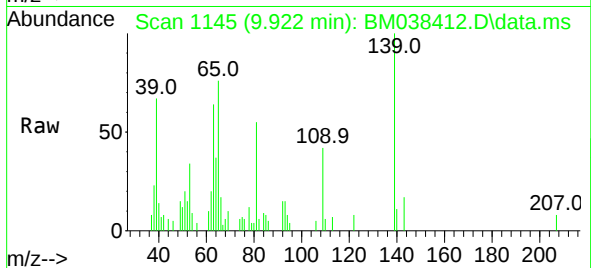
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	139	Resp:	7229
Ion Ratio	Lower	Upper	
139	100		
65	75.7	55.9	83.9
109	41.9	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: 3.969 ng/ul

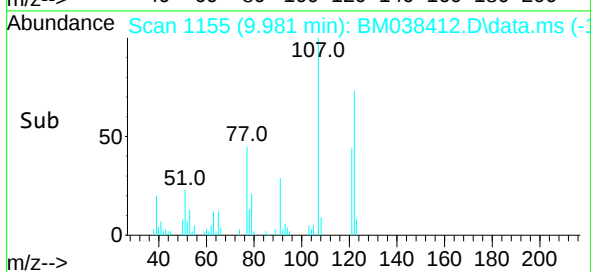
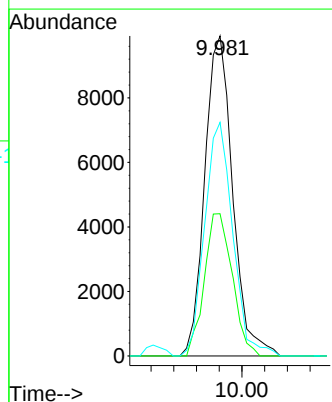
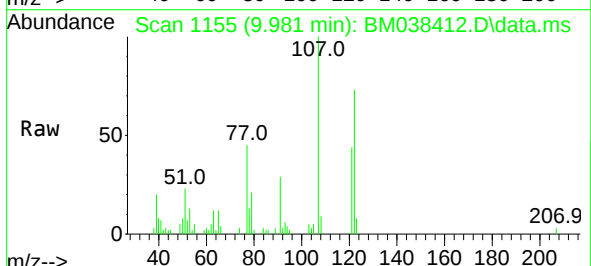
RT: 9.981 min Scan# 1155

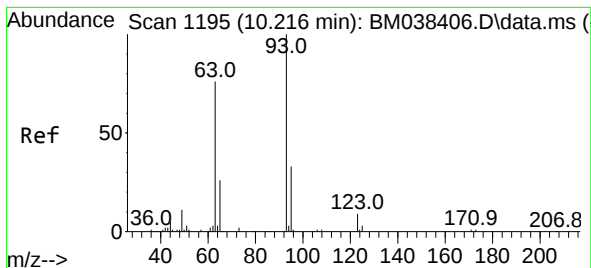
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

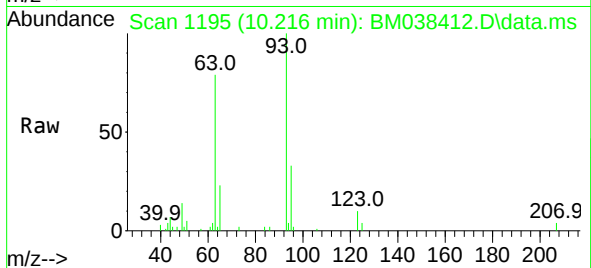
Tgt Ion:	107	Resp:	16949
Ion Ratio	Lower	Upper	
107	100		
121	44.4	35.2	52.8
122	73.0	58.6	87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 4.010 ng/ul
RT: 10.216 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

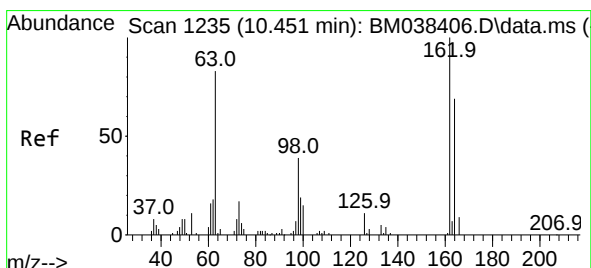
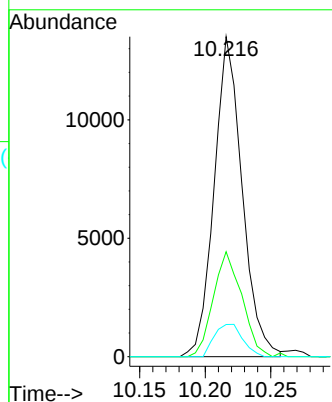
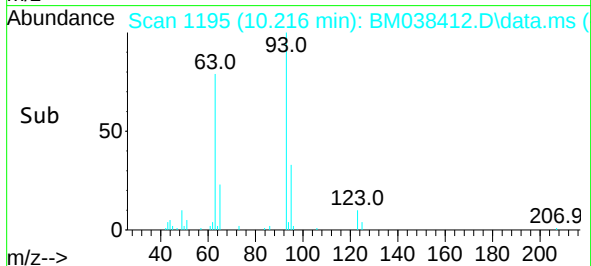
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:	93	Resp:	2006
Ion Ratio	100	Lower	Upper
93	100		
95	32.8	25.4	38.2
123	10.1	7.5	11.3

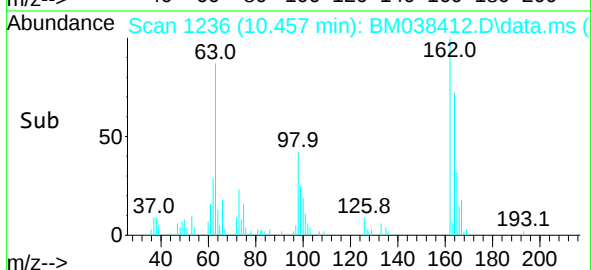
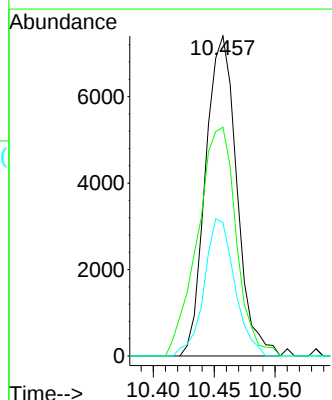
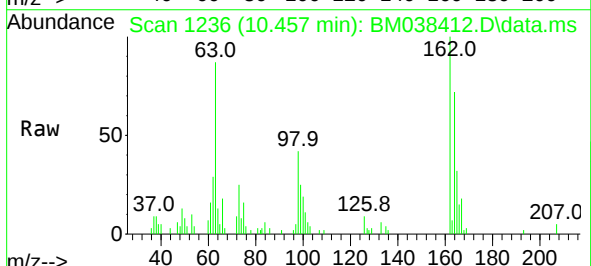
Manual Integrations
APPROVED

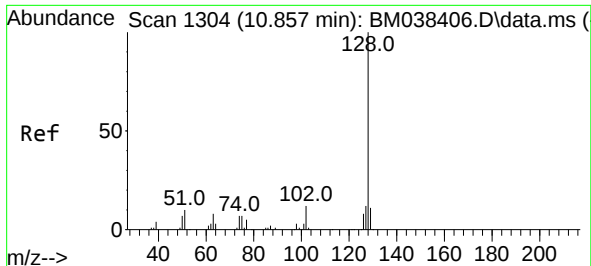
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#29
2,4-Dichlorophenol
Concen: 4.002 ng/ul
RT: 10.457 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

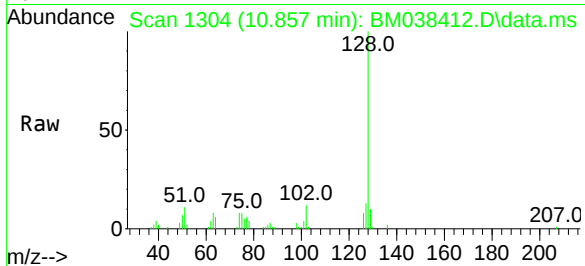
Tgt Ion:	162	Resp:	13180
Ion Ratio	100	Lower	Upper
162	100		
164	71.5	51.8	77.8
98	41.7	30.6	45.8





#30
Naphthalene
Concen: 4.085 ng/uI
RT: 10.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

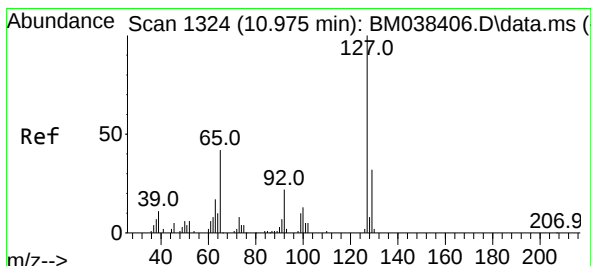
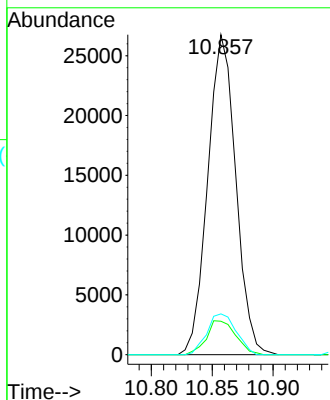
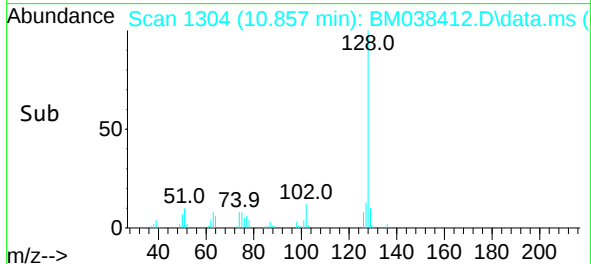
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:128 Resp: 42948
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 12.7 10.5 15.7

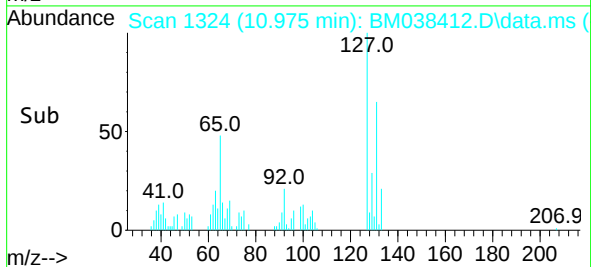
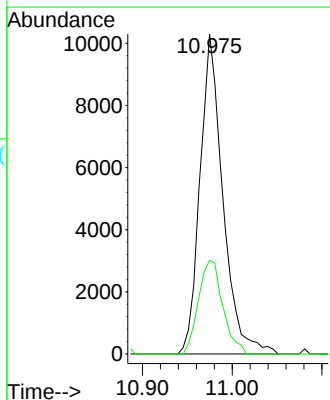
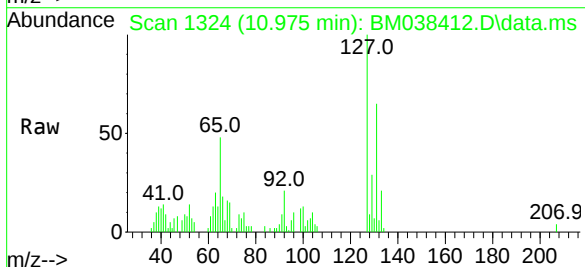
Manual Integrations
APPROVED

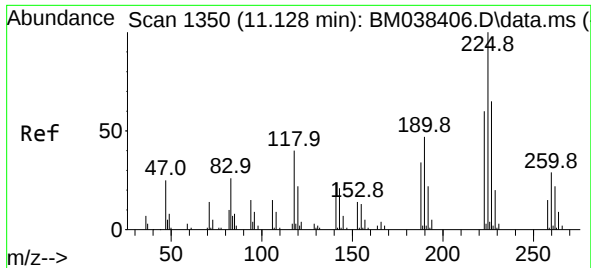
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#32
4-Chloroaniline
Concen: 3.836 ng/uI
RT: 10.975 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

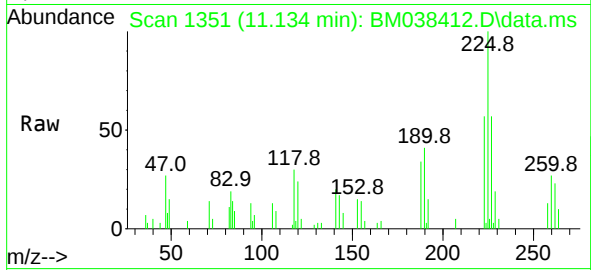
Tgt Ion:127 Resp: 18266
Ion Ratio Lower Upper
127 100
129 29.2 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.263 ng/ul
RT: 11.134 min Scan# 111
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

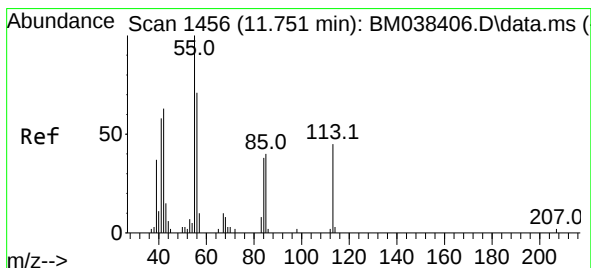
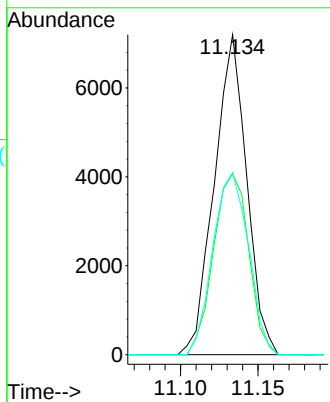
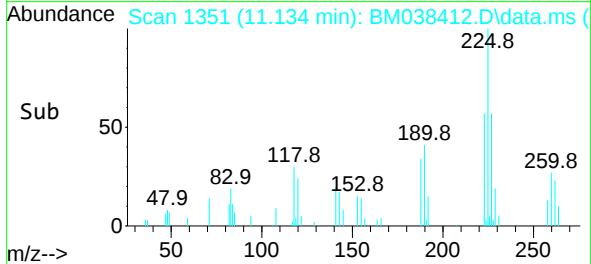
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



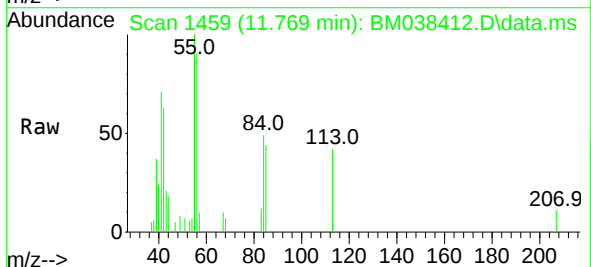
Tgt Ion:225 Resp: 10452
Ion Ratio Lower Upper
225 100
223 54.0 52.6 78.8
227 54.3 48.2 72.4

Manual Integrations
APPROVED

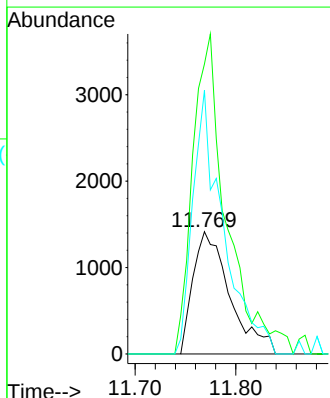
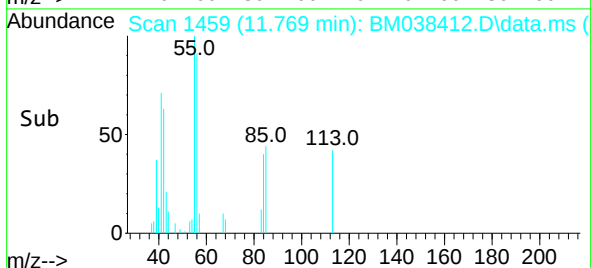
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

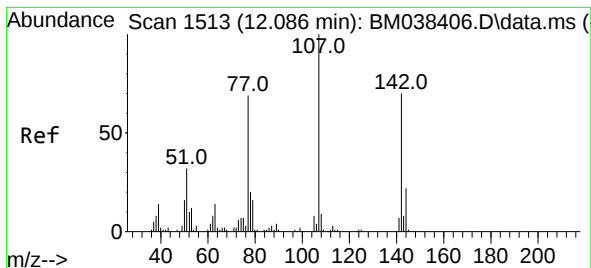


#34
Caprolactam
Concen: 3.845 ng/ul m
RT: 11.769 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



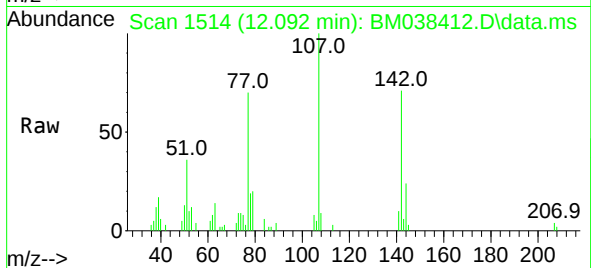
Tgt Ion:113 Resp: 3614
Ion Ratio Lower Upper
113 100
55 237.2 161.5 242.3
56 215.5 125.8 188.8#





#35
4-Chloro-3-methylphenol
Concen: 3.782 ng/ul
RT: 12.092 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

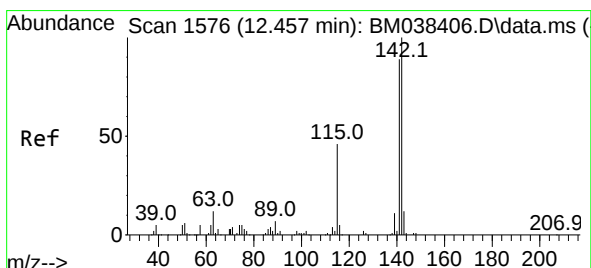
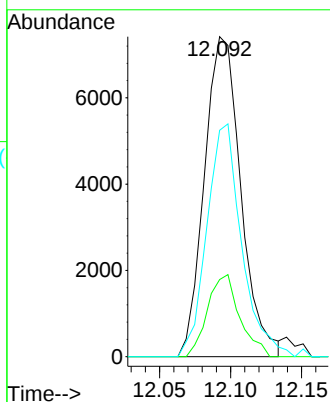
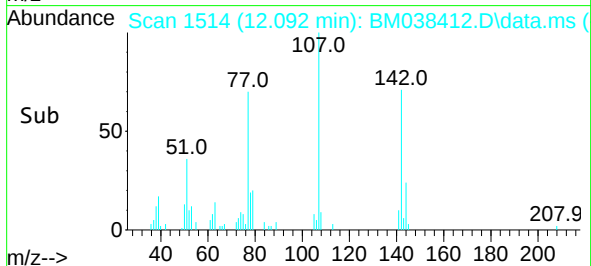
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:107 Resp: 1325
Ion Ratio Lower Upper
107 100
144 24.1 18.1 27.1
142 70.8 57.4 86.2

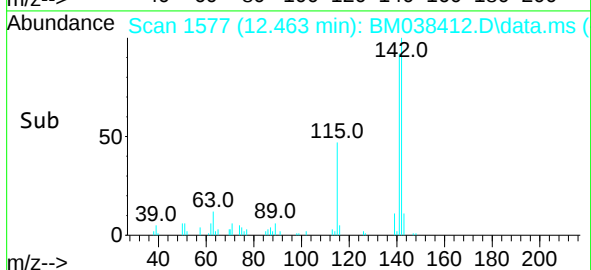
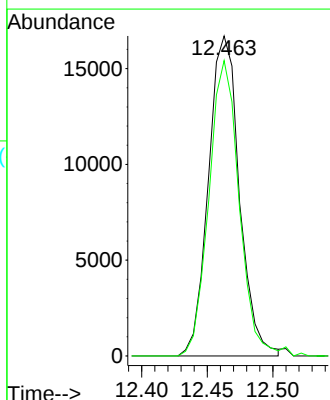
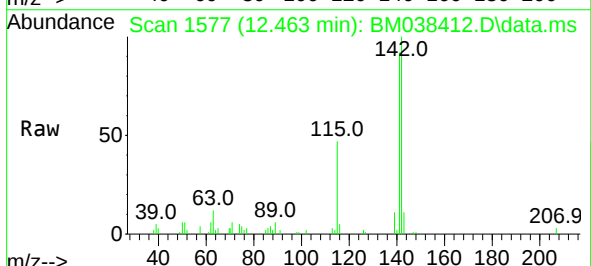
Manual Integrations
APPROVED

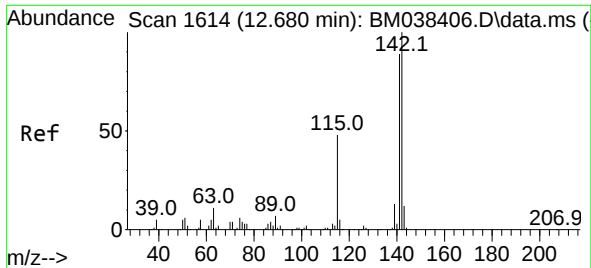
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#36
2-Methylnaphthalene
Concen: 3.996 ng/ul
RT: 12.463 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

Tgt Ion:142 Resp: 27384
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8





#37

1-Methylnaphthalene

Concen: 3.667 ng/ul

RT: 12.681 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

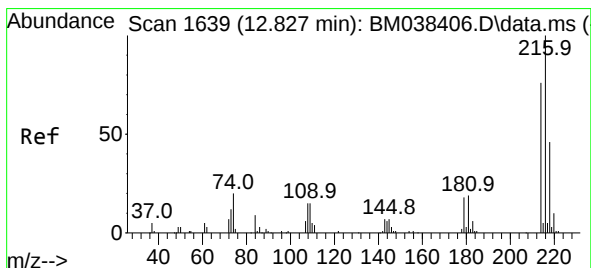
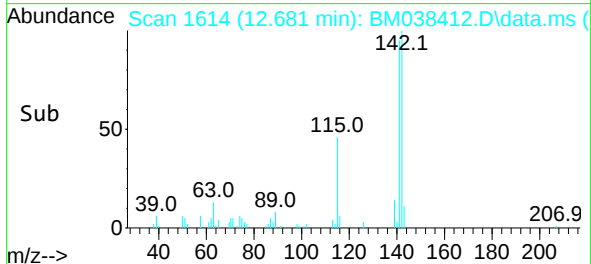
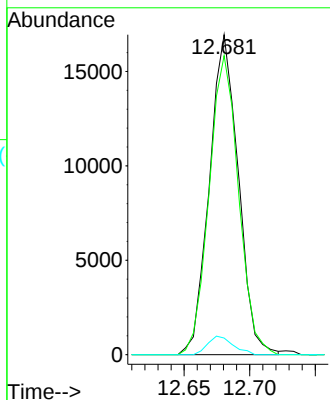
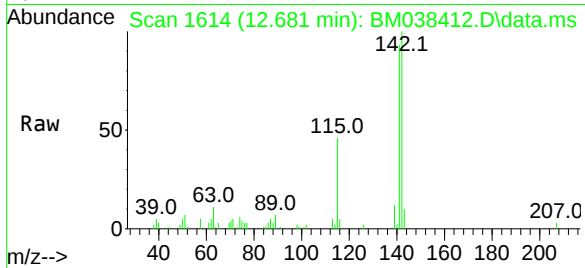
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	142	Resp:	2600
Ion Ratio	Lower	Upper	
142	100		
141	93.4	75.9	113.9
116	5.2	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: 3.994 ng/ul

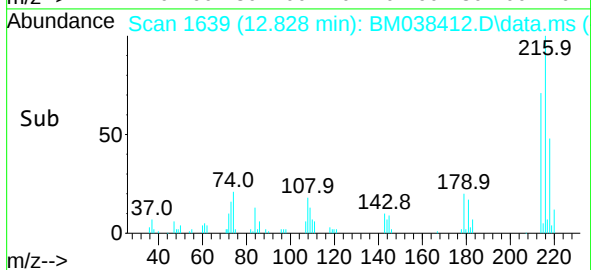
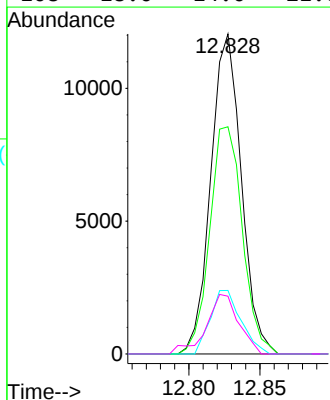
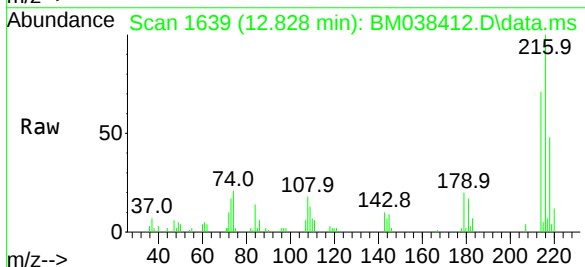
RT: 12.828 min Scan# 1639

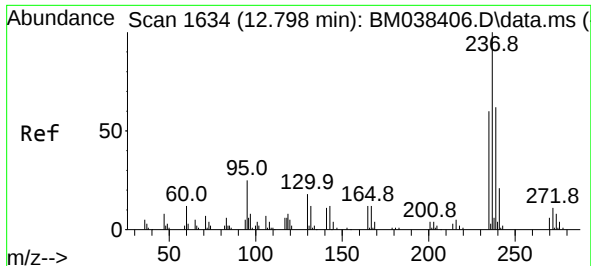
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

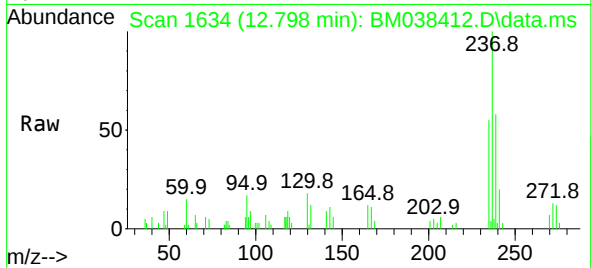
Tgt Ion:	216	Resp:	18033
Ion Ratio	Lower	Upper	
216	100		
214	71.0	62.0	93.0
179	19.8	15.6	23.4
108	18.0	14.0	21.0





#40
Hexachlorocyclopentadiene
Concen: 3.390 ng/ul
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

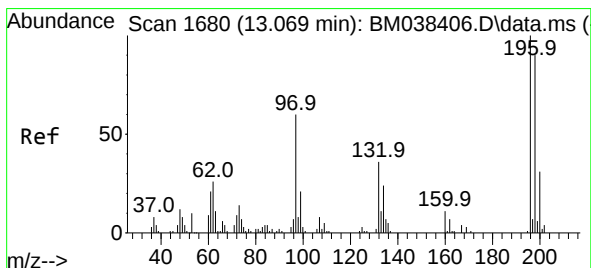
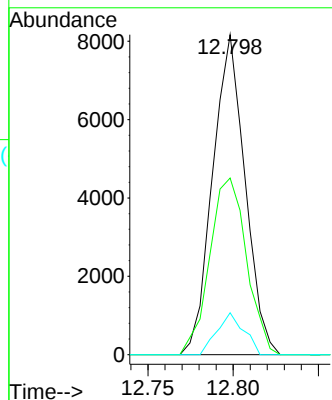
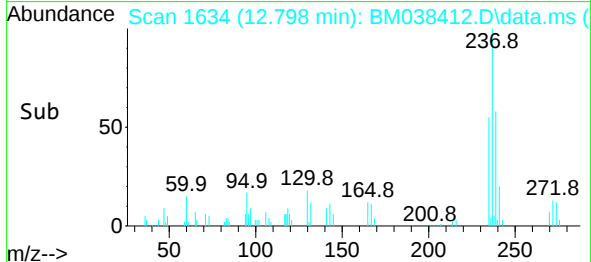
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



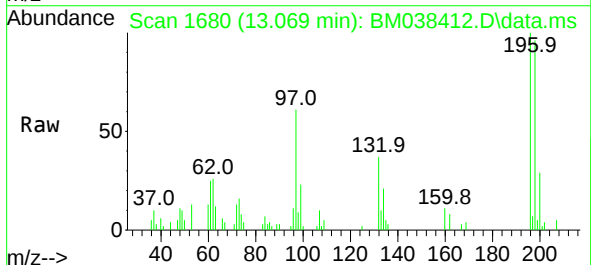
Tgt Ion:237 Resp: 10810
Ion Ratio Lower Upper
237 100
235 55.2 51.0 76.4
272 13.1 10.2 15.4

Manual Integrations
APPROVED

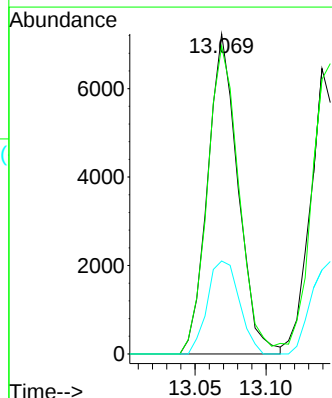
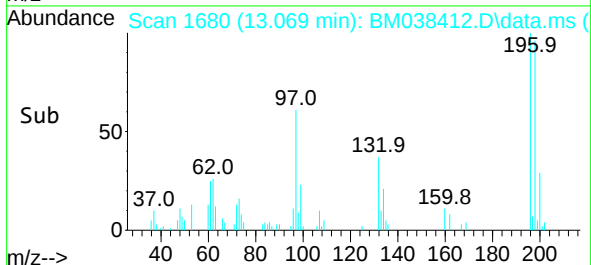
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

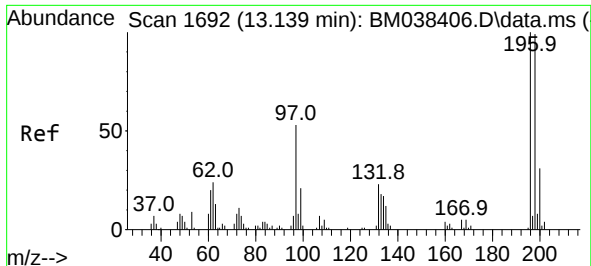


#41
2,4,6-Trichlorophenol
Concen: 3.834 ng/ul
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



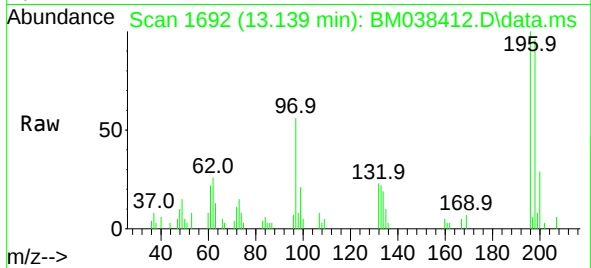
Tgt Ion:196 Resp: 10745
Ion Ratio Lower Upper
196 100
198 96.3 77.7 116.5
200 29.0 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.872 ng/ul m
RT: 13.139 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

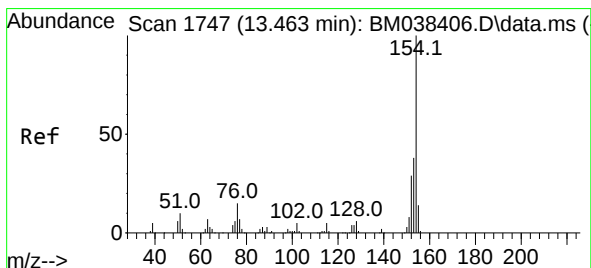
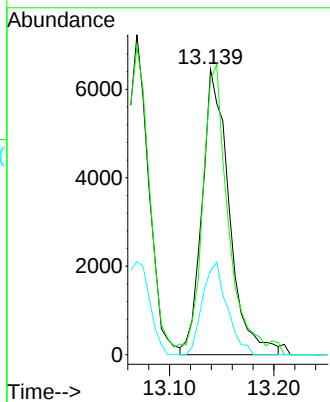
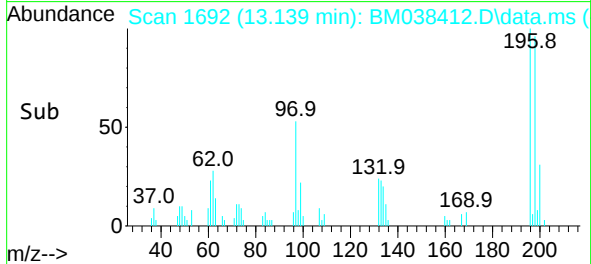
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



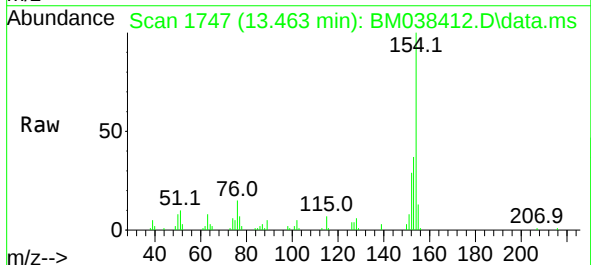
Tgt Ion:196 Resp: 11630
Ion Ratio Lower Upper
196 100
198 96.3 76.6 115.0
200 29.4 25.4 38.2

Manual Integrations
APPROVED

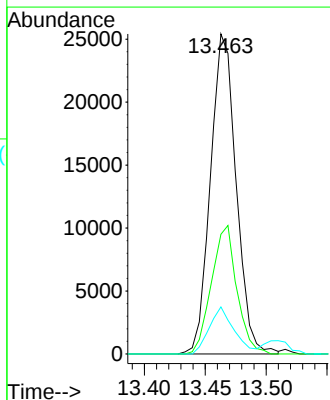
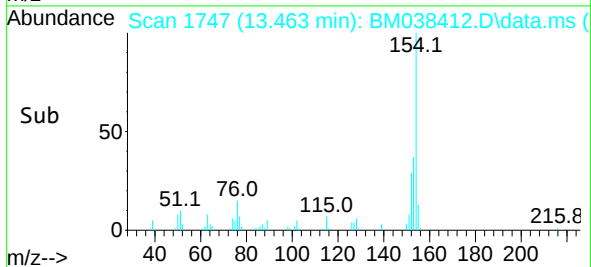
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

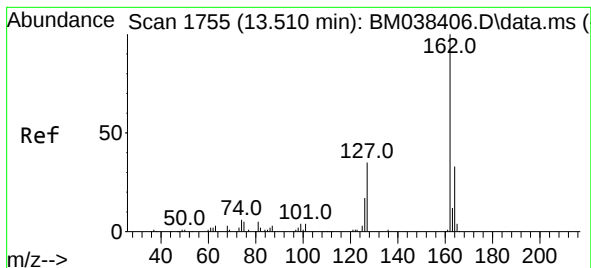


#43
1,1'-Biphenyl
Concen: 3.872 ng/ul
RT: 13.463 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



Tgt Ion:154 Resp: 37379
Ion Ratio Lower Upper
154 100
153 37.4 32.6 49.0
76 14.7 11.6 17.4





#44

2-Chloronaphthalene

Concen: 3.924 ng/ul

RT: 13.510 min Scan# 1755

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

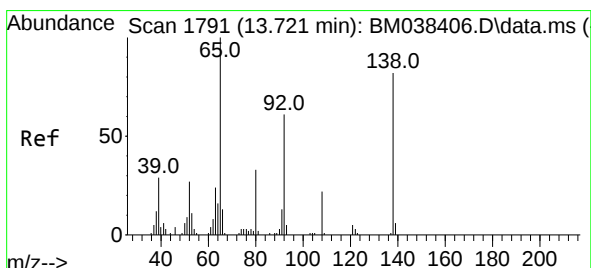
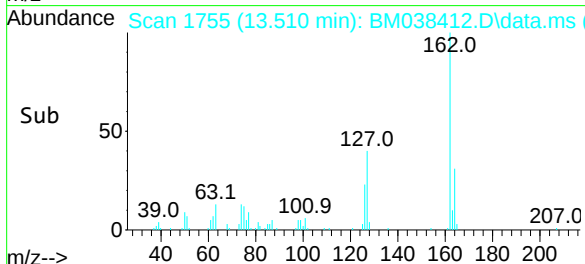
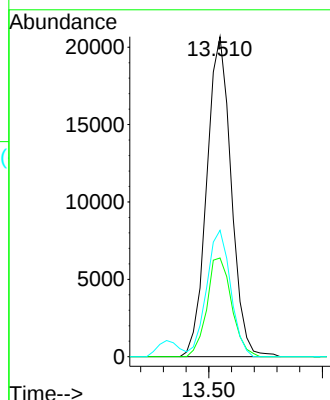
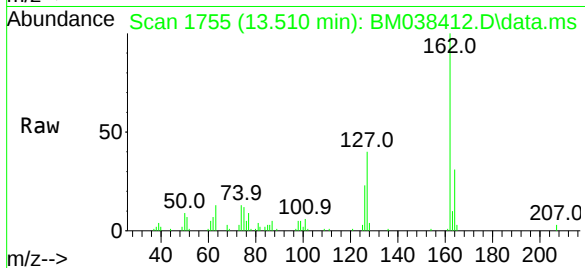
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	162	Resp:	30929
Ion Ratio	Lower	Upper	
162	100		
164	30.8	26.6	39.8
127	39.5	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: 3.580 ng/ul m

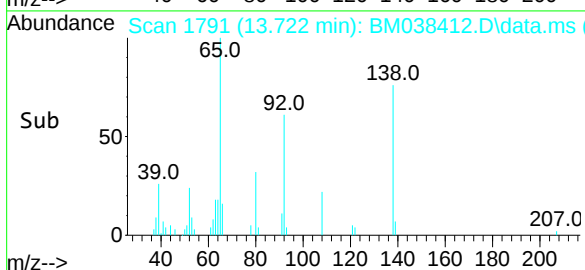
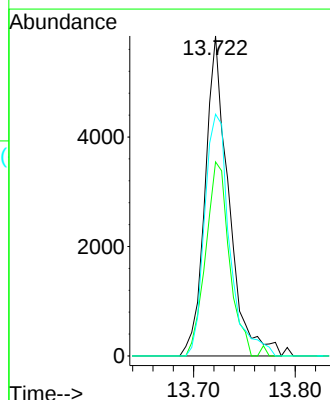
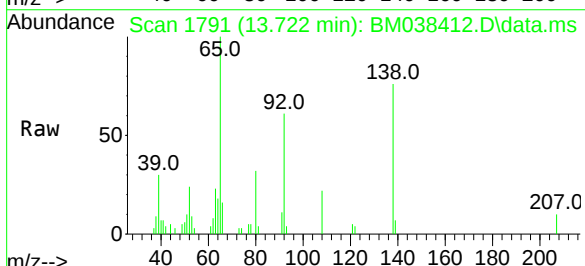
RT: 13.722 min Scan# 1791

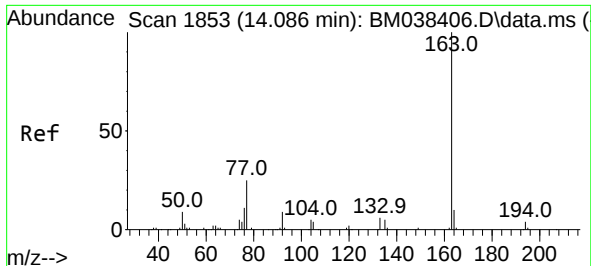
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

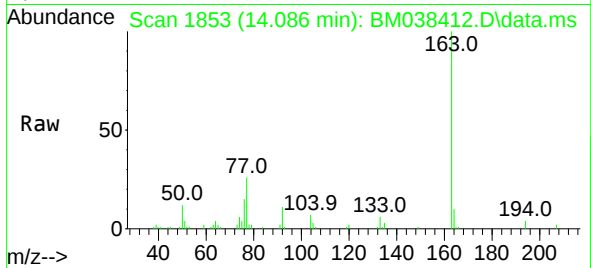
Tgt Ion:	65	Resp:	9438
Ion Ratio	Lower	Upper	
65	100		
92	60.7	47.6	71.4
138	75.5	64.6	96.8





#47
Dimethylphthalate
Concen: 4.188 ng/ul
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

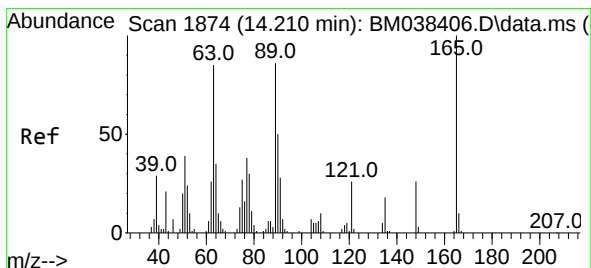
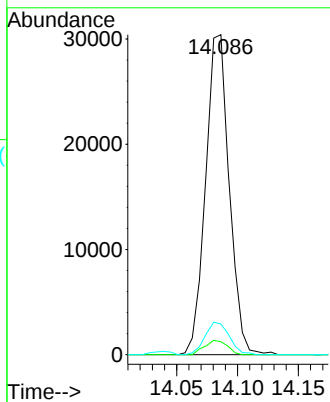
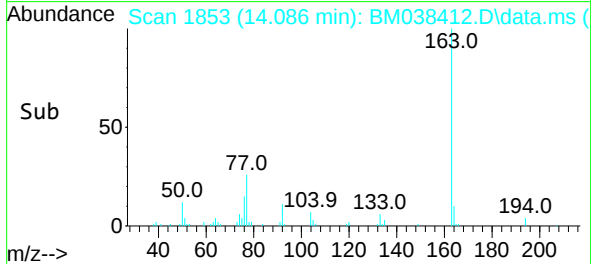
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



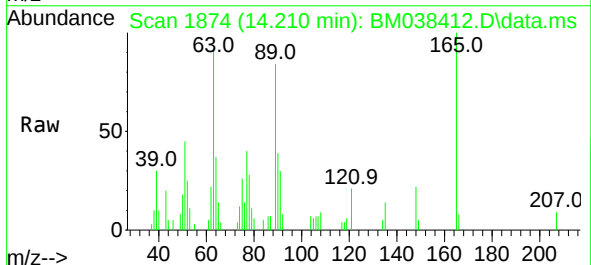
Tgt Ion:163 Resp: 4110
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.6 8.2 12.2

Manual Integrations
APPROVED

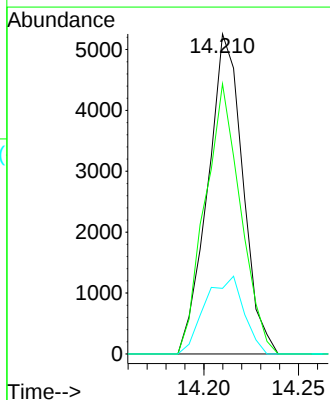
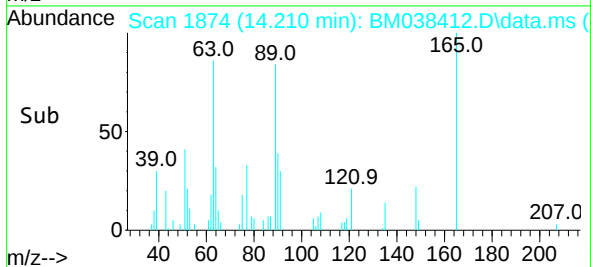
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

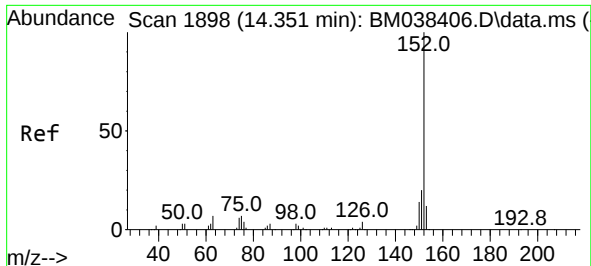


#48
2,6-Dinitrotoluene
Concen: 3.613 ng/ul
RT: 14.210 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



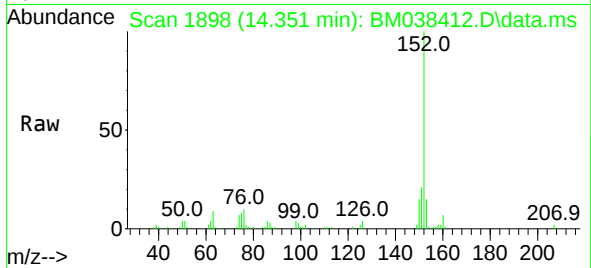
Tgt Ion:165 Resp: 6752
Ion Ratio Lower Upper
165 100
89 84.4 66.2 99.2
121 20.5 18.9 28.3





#50
Acenaphthylene
Concen: 3.934 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

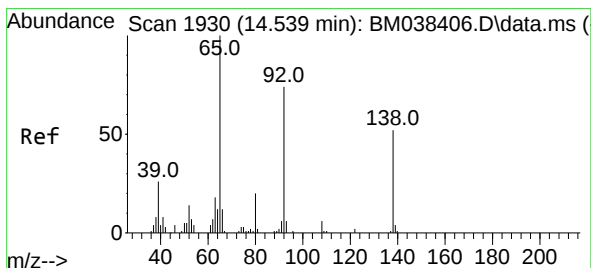
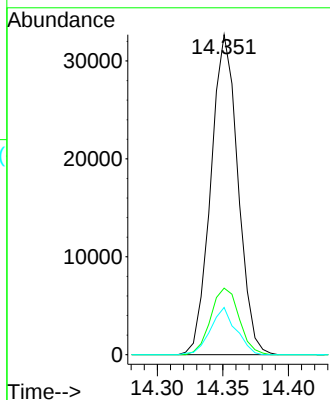
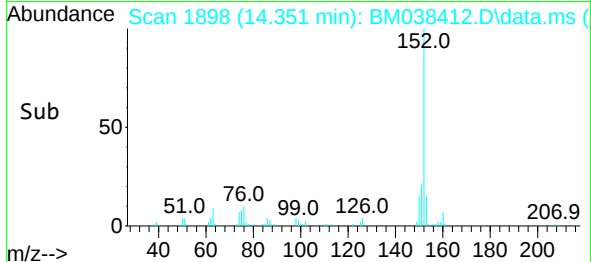
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:152 Resp: 4703
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.7 10.2 15.4

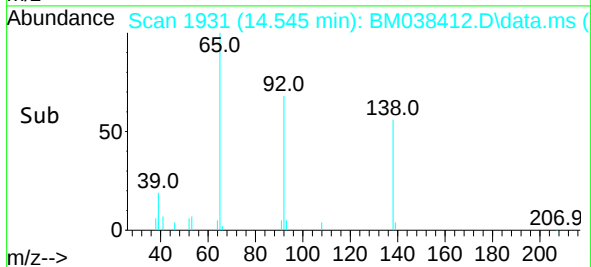
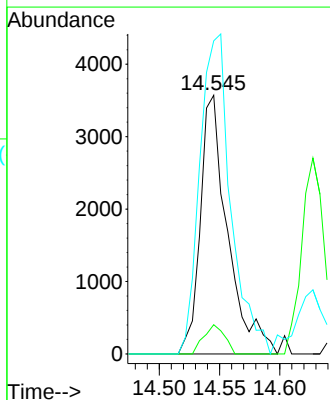
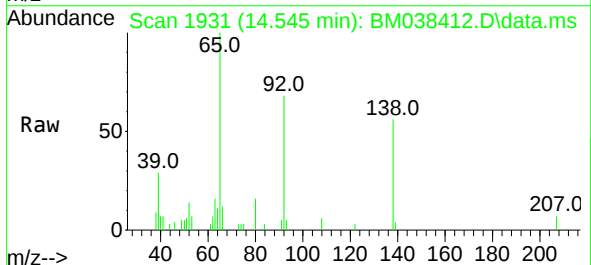
Manual Integrations
APPROVED

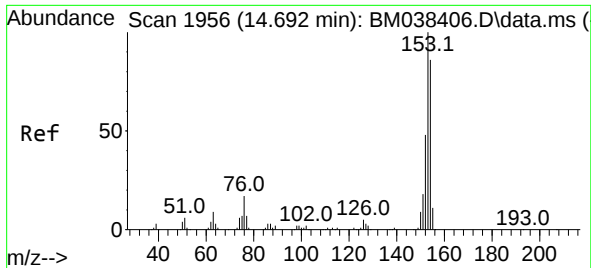
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#51
3-Nitroaniline
Concen: 3.268 ng/ul m
RT: 14.545 min Scan# 1931
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

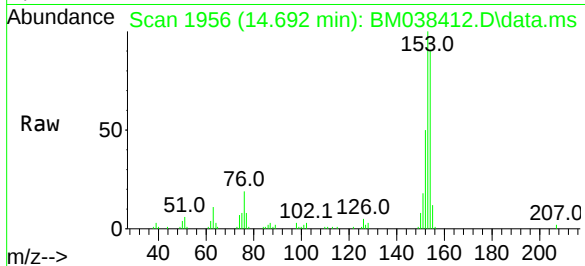
Tgt Ion:138 Resp: 5623
Ion Ratio Lower Upper
138 100
108 11.3 8.6 12.8
92 121.0 111.4 167.2





#52
Acenaphthene
Concen: 4.085 ng/ul
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

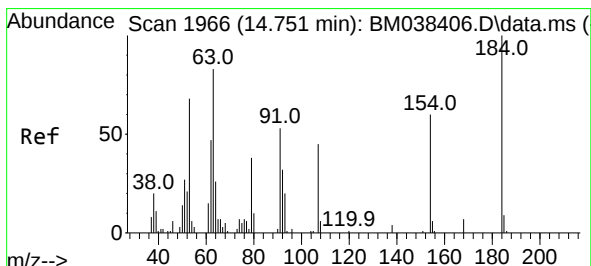
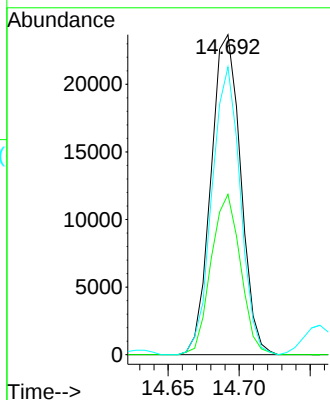
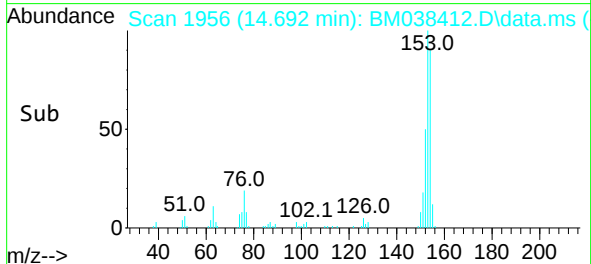
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



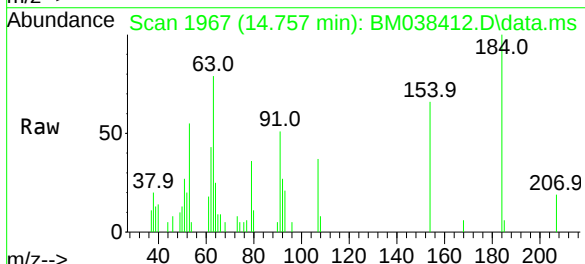
Tgt Ion:153 Resp: 3456
Ion Ratio Lower Upper
153 100
152 50.1 40.1 60.1
154 89.9 69.0 103.6

Manual Integrations
APPROVED

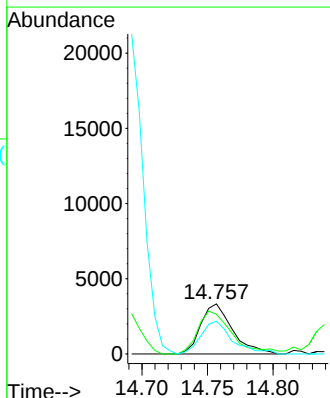
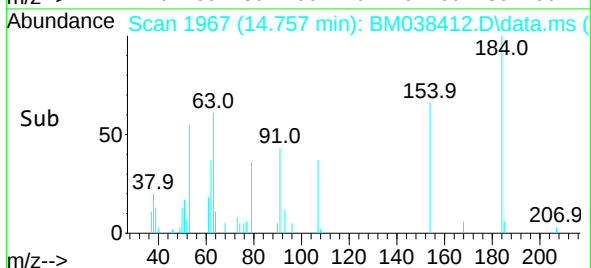
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

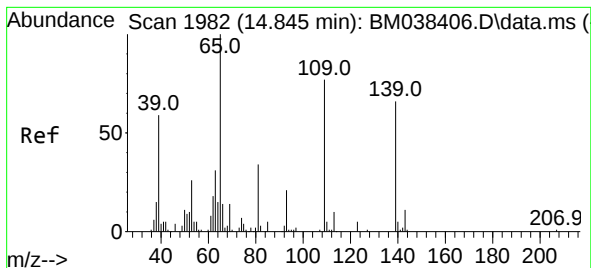


#53
2,4-Dinitrophenol
Concen: 4.004 ng/ul
RT: 14.757 min Scan# 1967
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



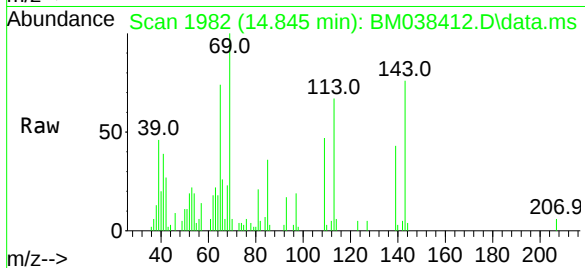
Tgt Ion:184 Resp: 5594
Ion Ratio Lower Upper
184 100
63 79.3 69.1 103.7
154 65.6 54.5 81.7





#55
4-Nitrophenol
Concen: 3.509 ng/ul m
RT: 14.845 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

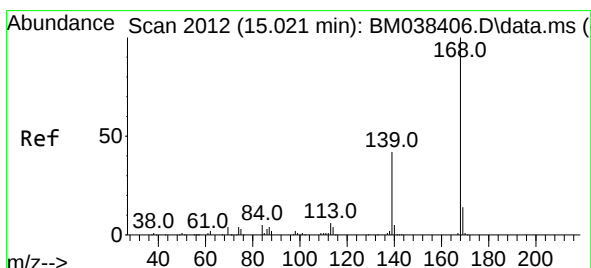
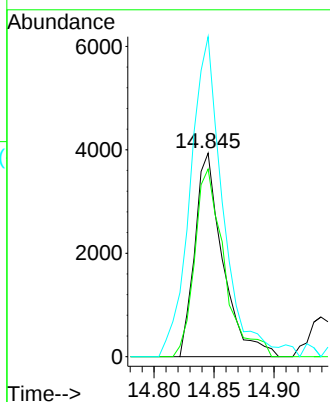
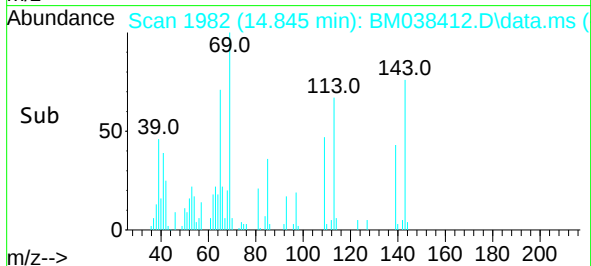
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:109 Resp: 6390
Ion Ratio Lower Upper
109 100
139 92.2 79.1 118.7
65 157.2 108.6 162.8

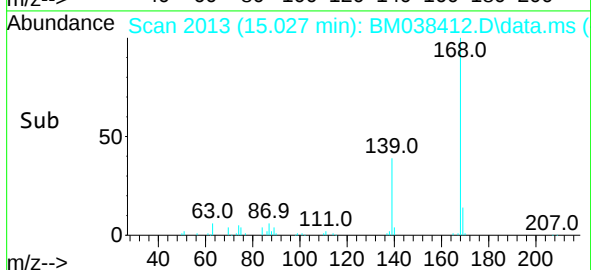
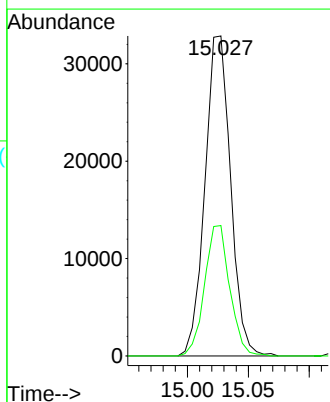
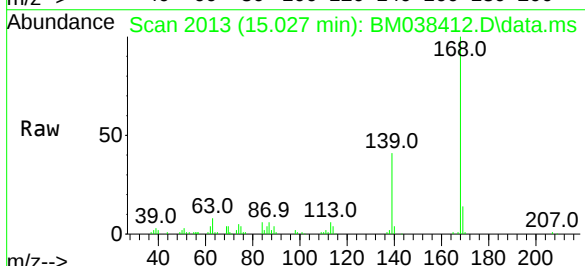
Manual Integrations
APPROVED

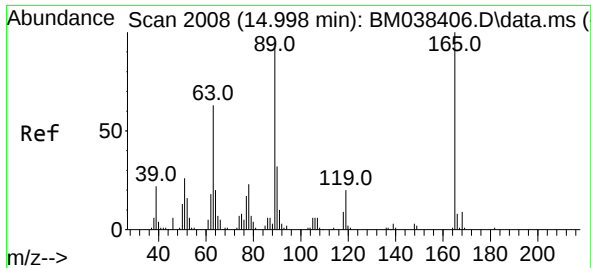
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#56
Dibenzofuran
Concen: 4.009 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

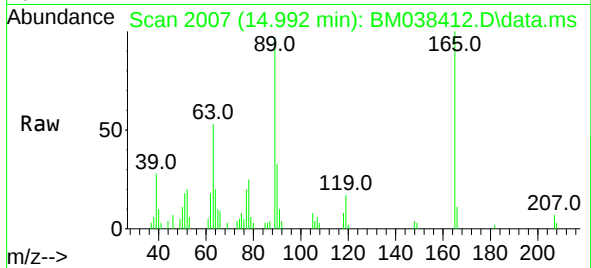
Tgt Ion:168 Resp: 48207
Ion Ratio Lower Upper
168 100
139 40.8 30.5 45.7





#57
2,4-Dinitrotoluene
Concen: 3.703 ng/ul
RT: 14.992 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

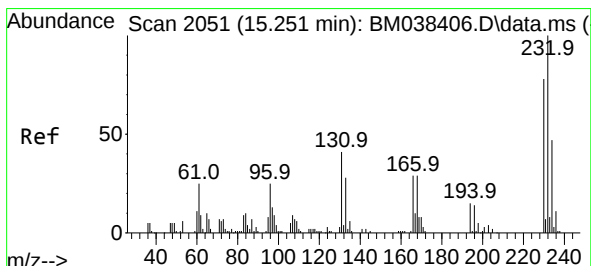
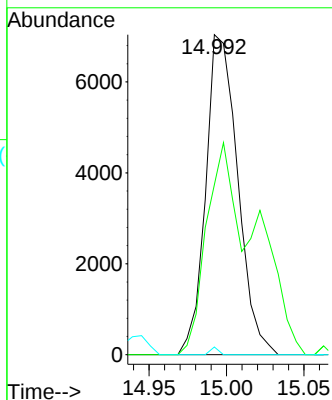
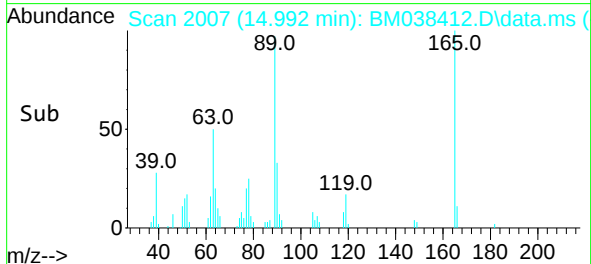
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



Tgt Ion:165 Resp: 10124
Ion Ratio Lower Upper
165 100
63 53.1 46.9 70.3
182 2.4 1.3 1.9

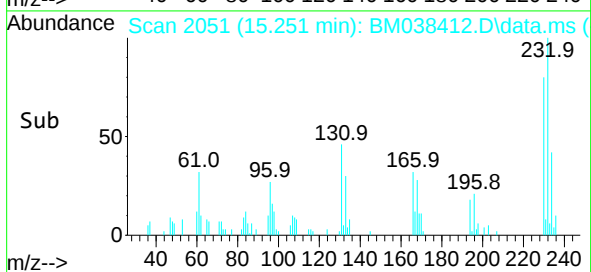
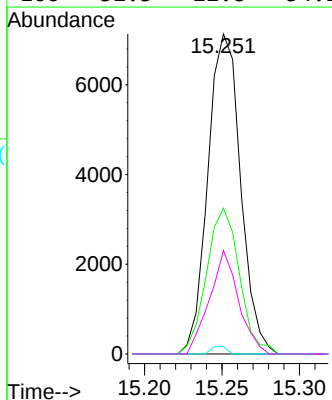
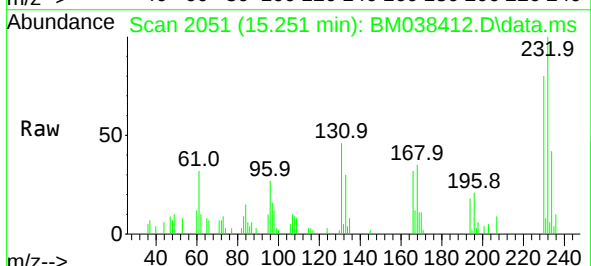
Manual Integrations
APPROVED

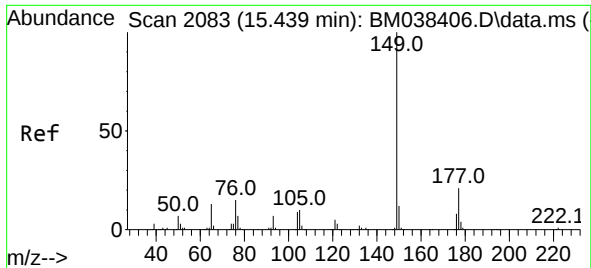
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.898 ng/ul
RT: 15.251 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

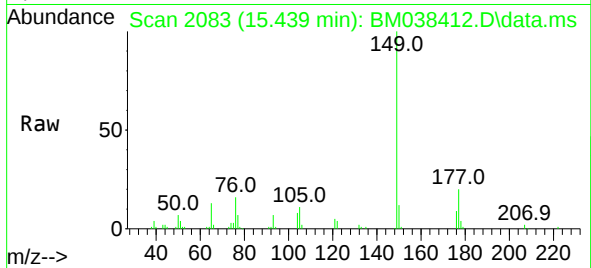
Tgt Ion:232 Resp: 10458
Ion Ratio Lower Upper
232 100
131 45.5 34.4 51.6
130 2.3 2.2 3.4
166 32.3 22.8 34.2





#59
Diethylphthalate
Concen: 4.095 ng/ul
RT: 15.439 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

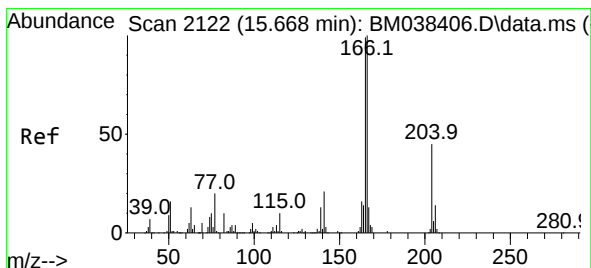
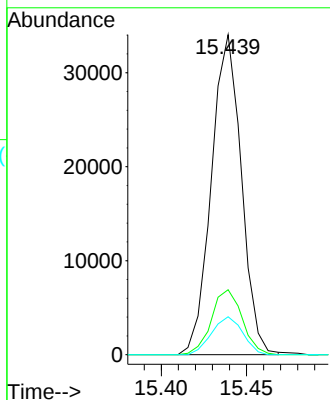
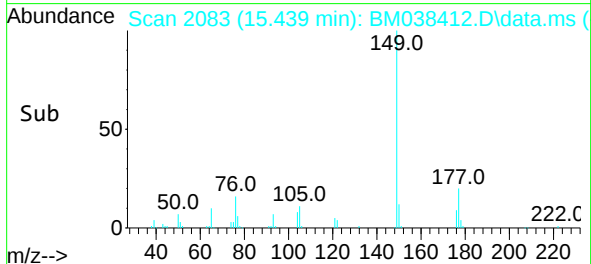
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



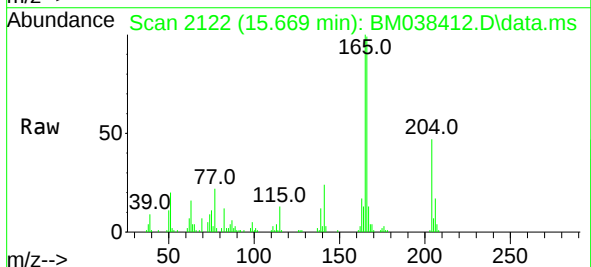
Tgt Ion:149 Resp: 41650
Ion Ratio Lower Upper
149 100
177 20.3 17.0 25.4
150 11.9 9.8 14.8

Manual Integrations
APPROVED

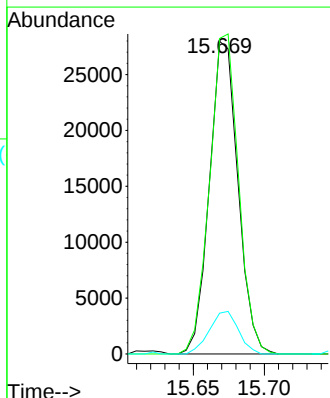
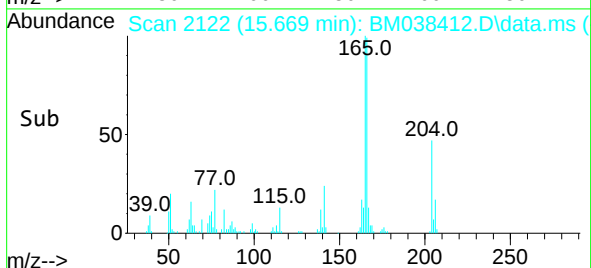
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

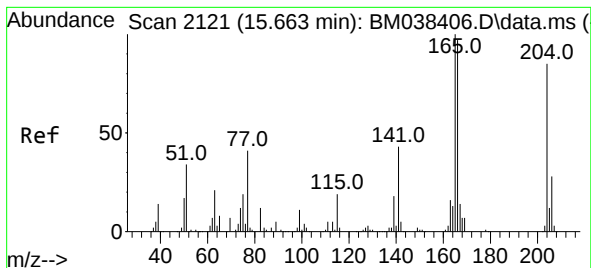


#61
Fluorene
Concen: 3.784 ng/ul
RT: 15.669 min Scan# 2122
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



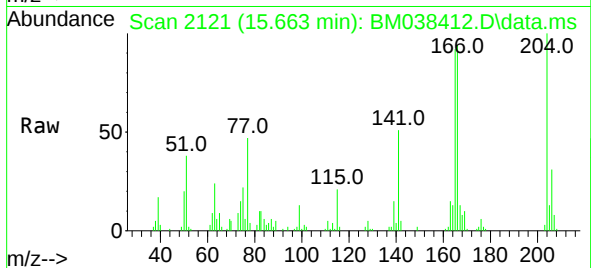
Tgt Ion:166 Resp: 39067
Ion Ratio Lower Upper
166 100
165 100.9 78.7 118.1
167 13.1 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 4.140 ng/ul
RT: 15.663 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

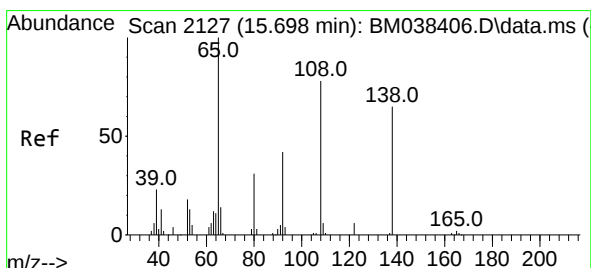
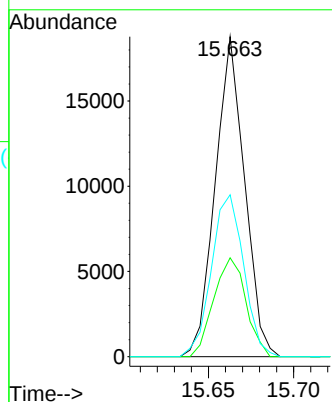
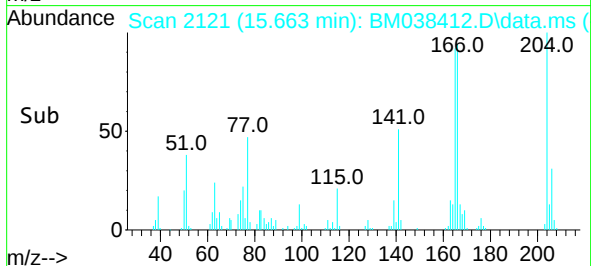
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



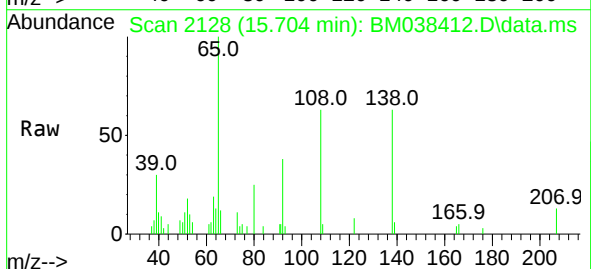
Tgt Ion:204 Resp: 2249
Ion Ratio Lower Upper
204 100
206 30.9 26.8 40.2
141 50.6 42.9 64.3

Manual Integrations
APPROVED

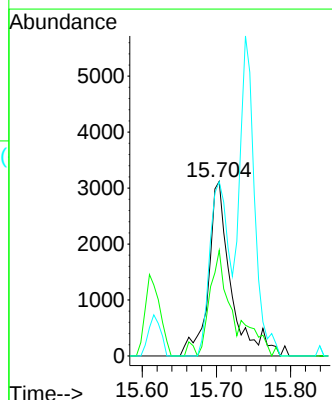
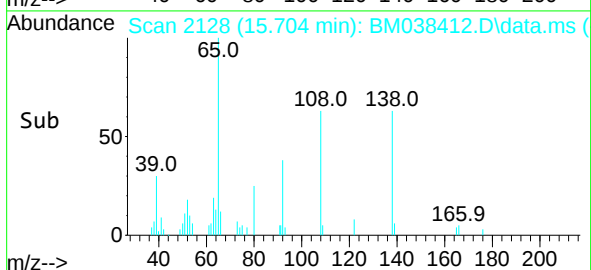
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

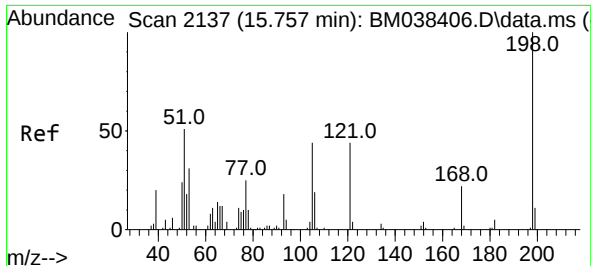


#63
4-Nitroaniline
Concen: 3.951 ng/ul m
RT: 15.704 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



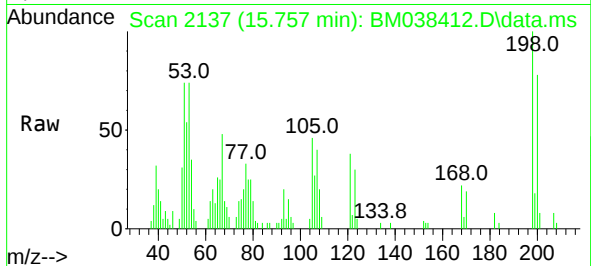
Tgt Ion:138 Resp: 6505
Ion Ratio Lower Upper
138 100
92 60.5 50.2 75.2
108 99.8 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.297 ng/ul
RT: 15.757 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

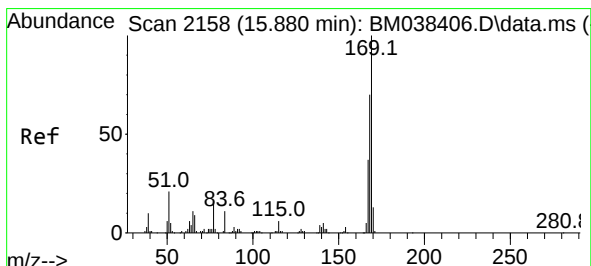
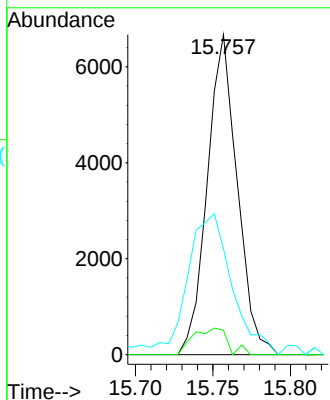
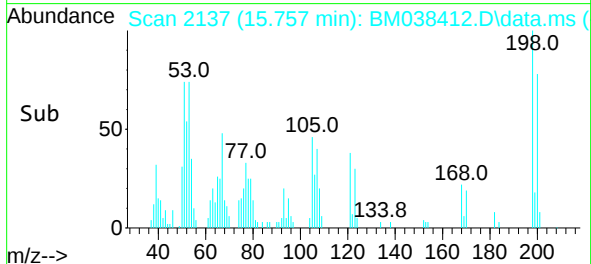
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



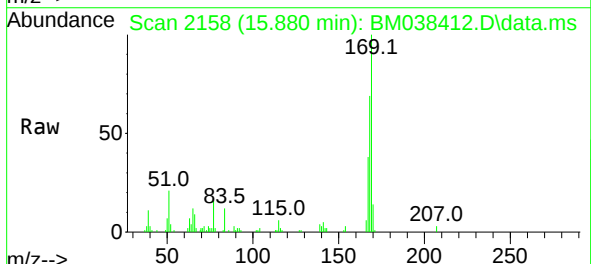
Tgt Ion:198 Resp: 896
Ion Ratio Lower Upper
198 100
182 7.6 3.0 4.6
77 33.1 24.8 37.2

Manual Integrations
APPROVED

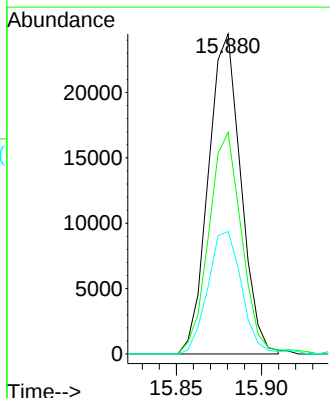
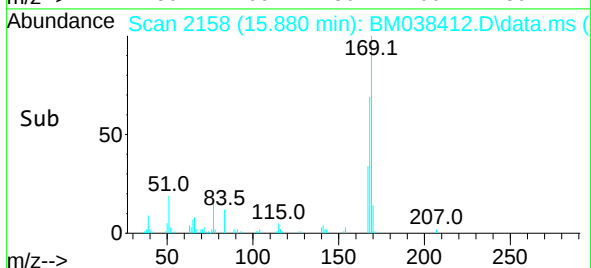
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

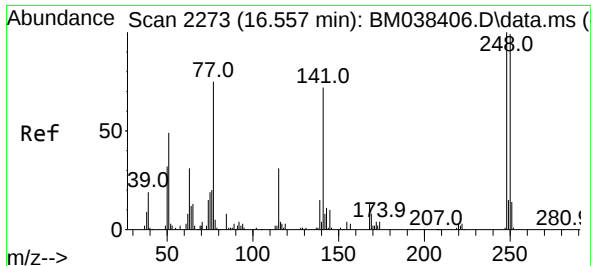


#67
N-Nitrosodiphenylamine
Concen: 3.794 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



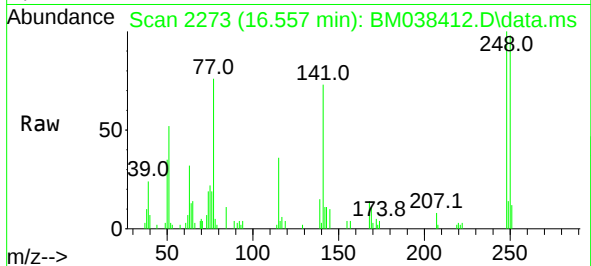
Tgt Ion:169 Resp: 32506
Ion Ratio Lower Upper
169 100
168 69.2 56.4 84.6
167 38.2 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.897 ng/ul
RT: 16.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

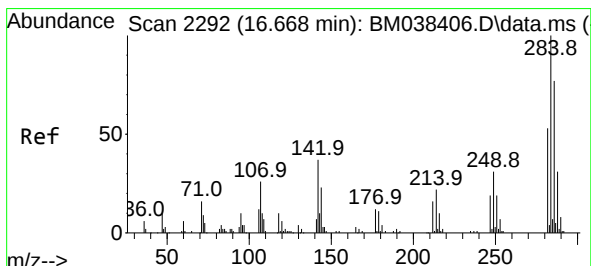
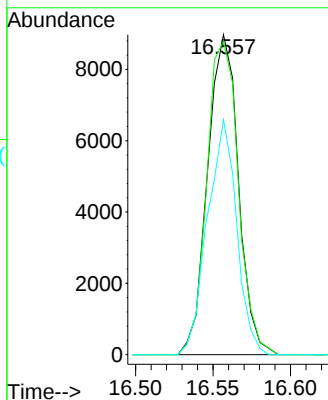
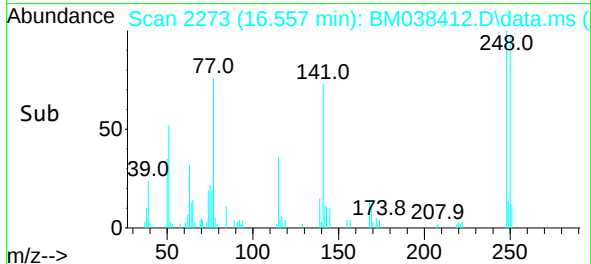
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



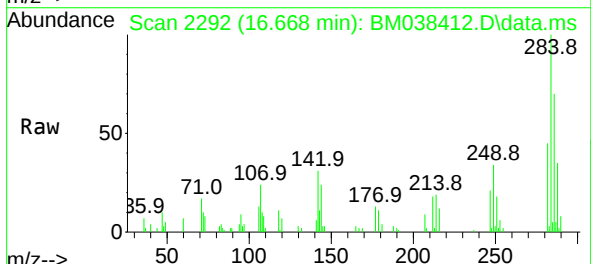
Tgt Ion:248 Resp: 1240
Ion Ratio Lower Upper
248 100
250 98.0 76.7 115.1
141 73.4 50.3 75.5

Manual Integrations
APPROVED

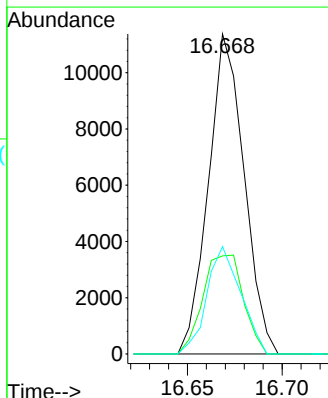
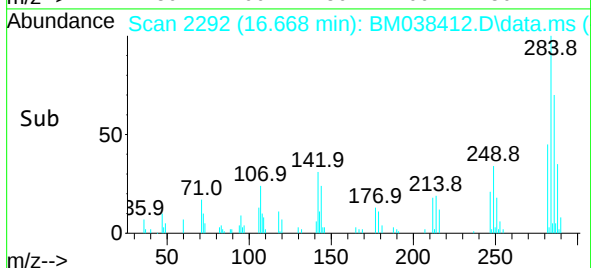
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

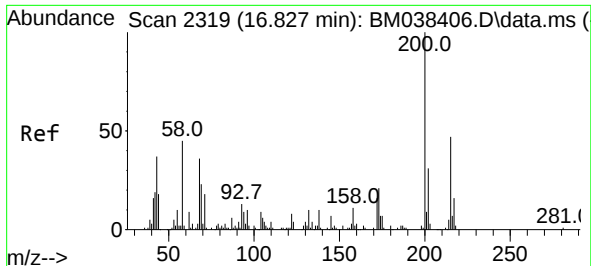


#69
Hexachlorobenzene
Concen: 4.061 ng/ul
RT: 16.668 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



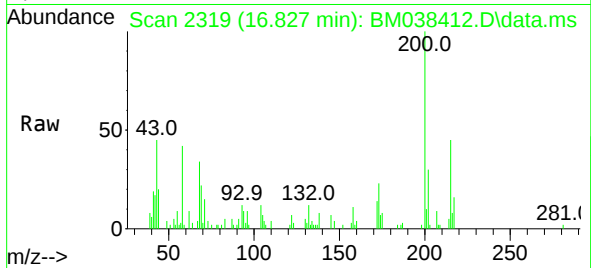
Tgt Ion:284 Resp: 14910
Ion Ratio Lower Upper
284 100
142 30.6 30.1 45.1
249 33.6 25.0 37.4





#70
Atrazine
Concen: 3.734 ng/ul
RT: 16.827 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

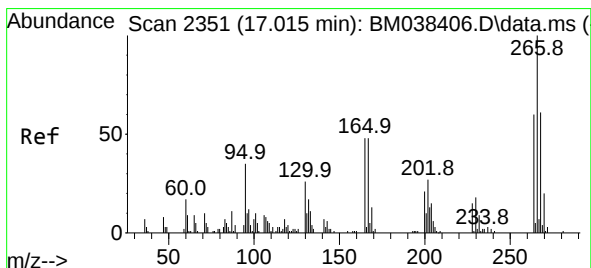
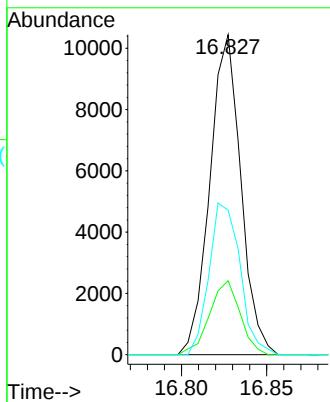
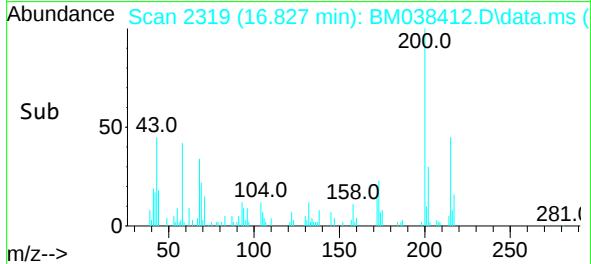
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



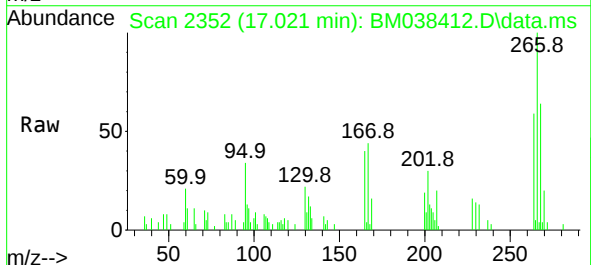
Tgt Ion:200 Resp: 1322
Ion Ratio Lower Upper
200 100
173 23.1 18.6 27.8
215 45.1 41.1 61.7

Manual Integrations
APPROVED

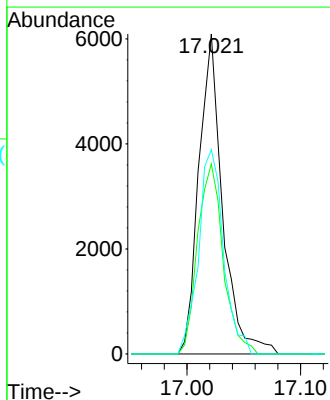
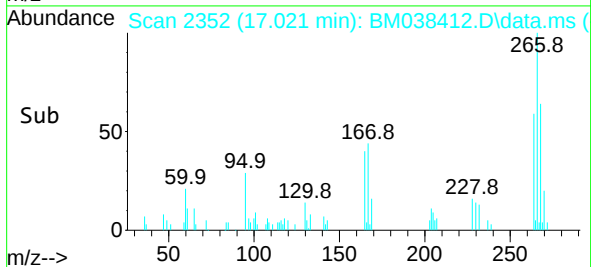
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

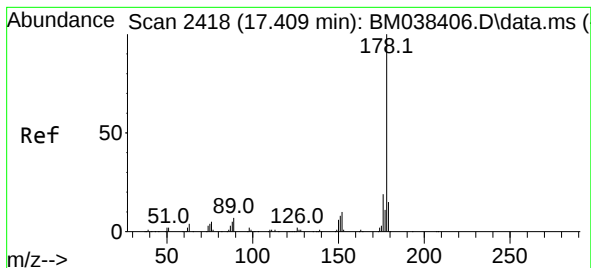


#71
Pentachlorophenol
Concen: 3.643 ng/ul
RT: 17.021 min Scan# 2352
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



Tgt Ion:266 Resp: 8827
Ion Ratio Lower Upper
266 100
264 59.4 51.6 77.4
268 63.9 50.9 76.3





#72

Phenanthrene

Concen: 3.979 ng/uI

RT: 17.410 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

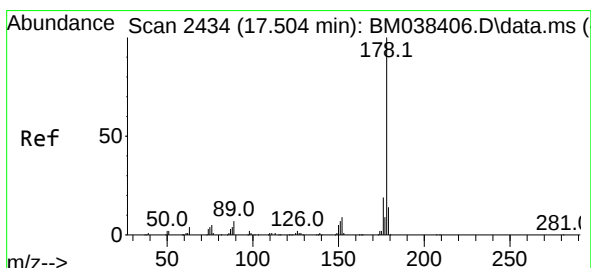
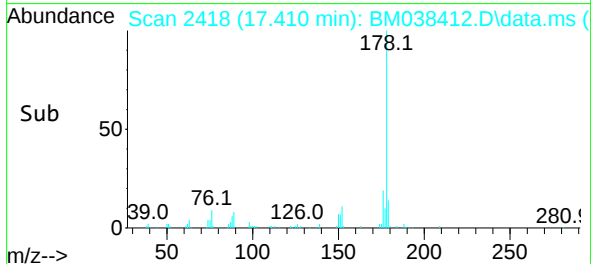
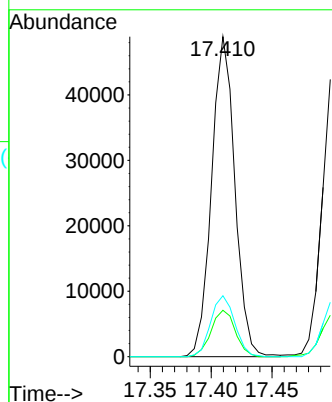
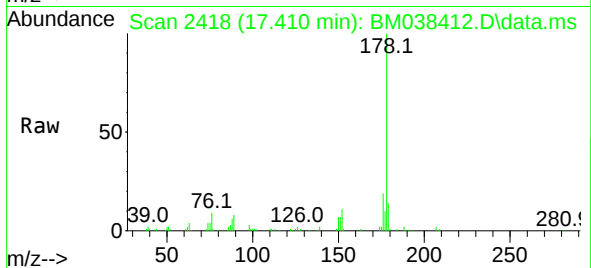
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:178 Resp: 65224
 Ion Ratio Lower Upper
 178 100
 179 14.5 12.2 18.4
 176 19.0 15.4 23.2

Manual Integrations

APPROVED

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



#74

Anthracene

Concen: 3.858 ng/uI

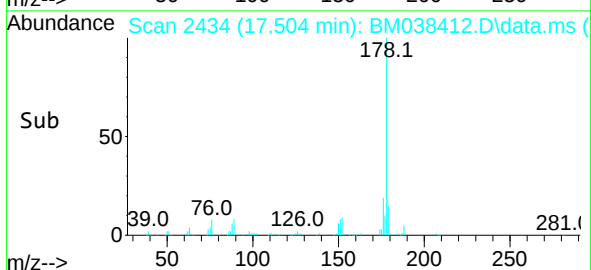
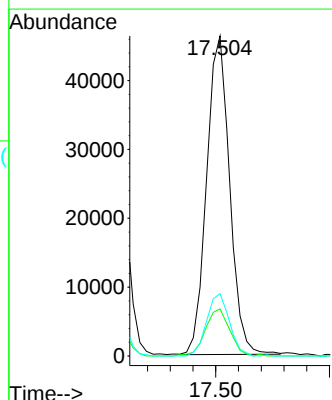
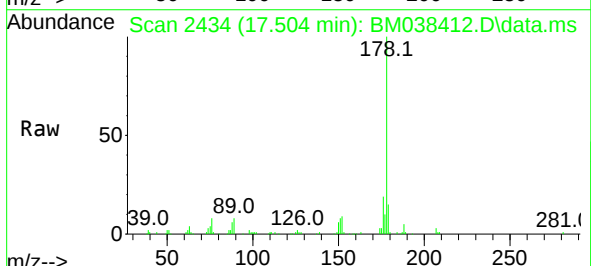
RT: 17.504 min Scan# 2434

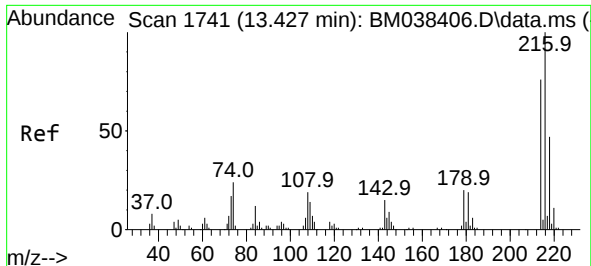
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

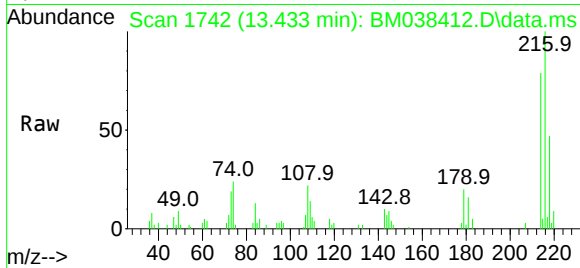
Tgt Ion:178 Resp: 65043
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.2 18.4
 176 19.4 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.733 ng/uL
RT: 13.433 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

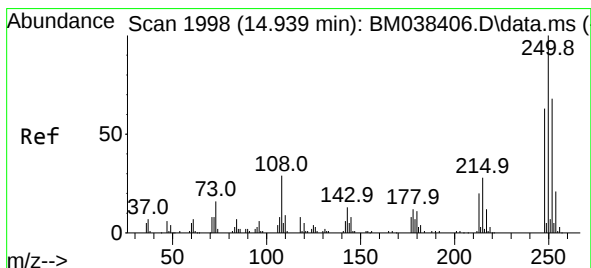
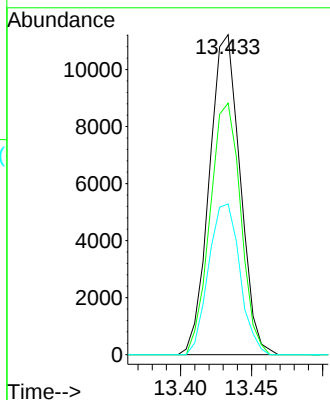
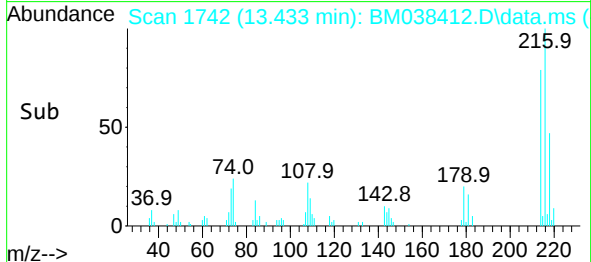
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



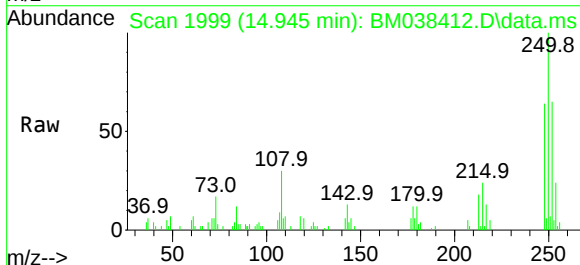
Tgt Ion:216 Resp: 16930
Ion Ratio Lower Upper
216 100
214 78.6 60.2 90.4
218 47.1 38.2 57.4

Manual Integrations
APPROVED

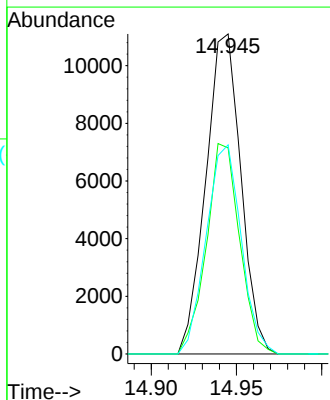
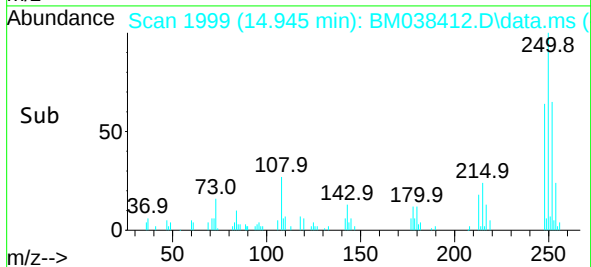
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

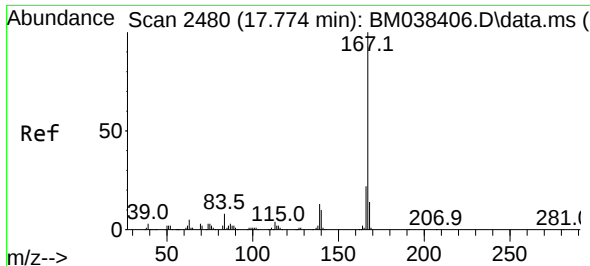


#76
Pentachlorobenzene
Concen: 3.639 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



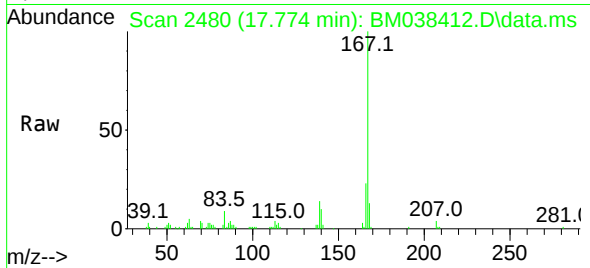
Tgt Ion:250 Resp: 15903
Ion Ratio Lower Upper
250 100
248 64.4 50.3 75.5
252 65.4 53.2 79.8





#77
 Carbazole
 Concen: 3.415 ng/ul
 RT: 17.774 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BM038412.D
 Acq: 09 Jan 2023 13:22

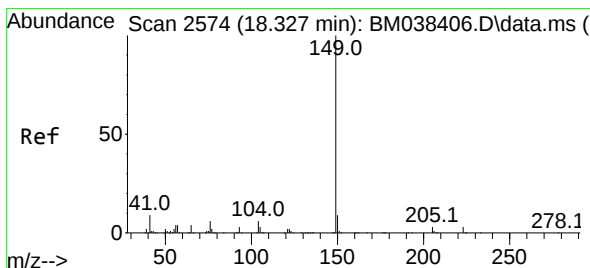
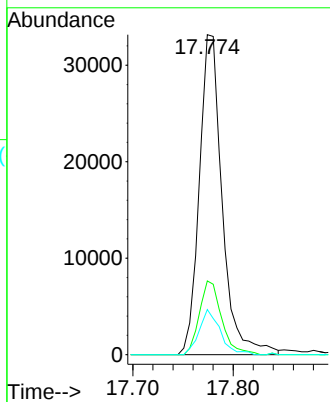
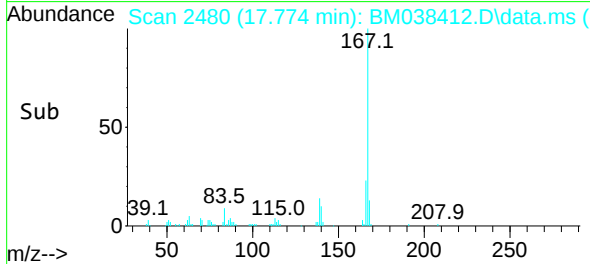
Instrument : BNA_M
 ClientSampleId : MDL-MED-SOIL-QT3-2022-05



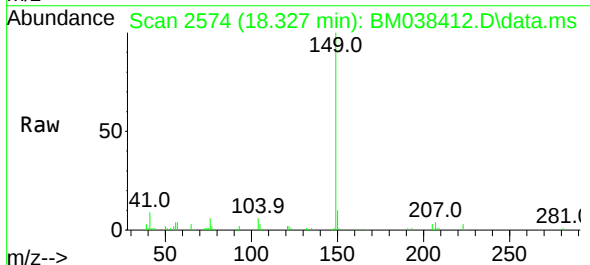
Tgt Ion:167 Resp: 5278
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.8 26.8
 139 14.1 10.2 15.2

Manual Integrations
 APPROVED

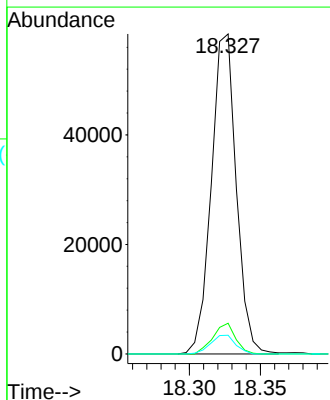
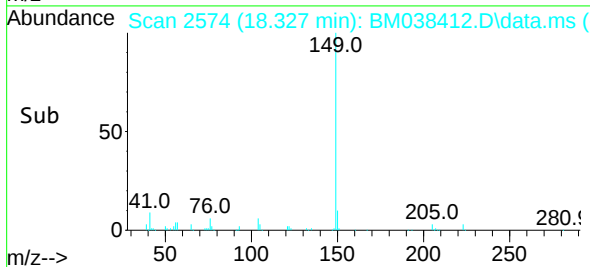
Reviewed By :Jagrut Upadhyay 01/10/2023
 Supervised By :Yogesh Patel 01/11/2023

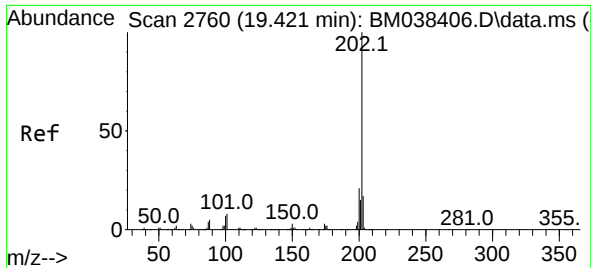


#78
 Di-n-butylphthalate
 Concen: 3.863 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. 0.000 min
 Lab File: BM038412.D
 Acq: 09 Jan 2023 13:22



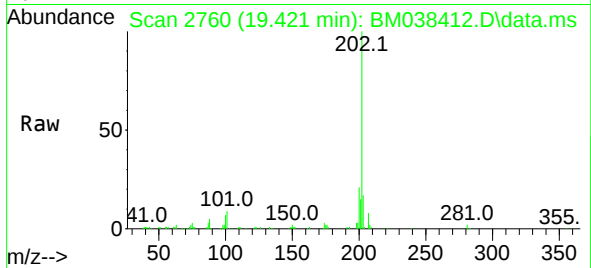
Tgt Ion:149 Resp: 71347
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.8 4.8 7.2





#80
Fluoranthene
Concen: 3.879 ng/ul
RT: 19.421 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

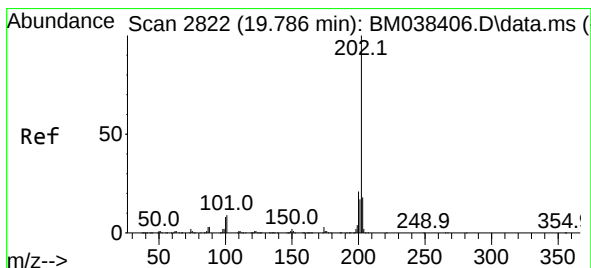
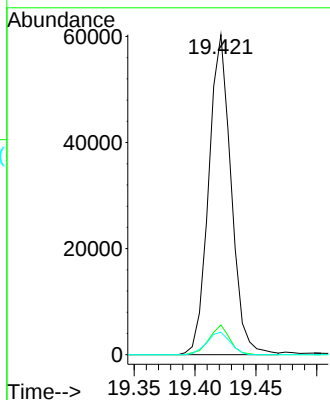
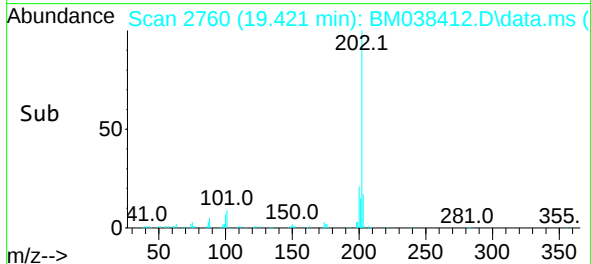
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



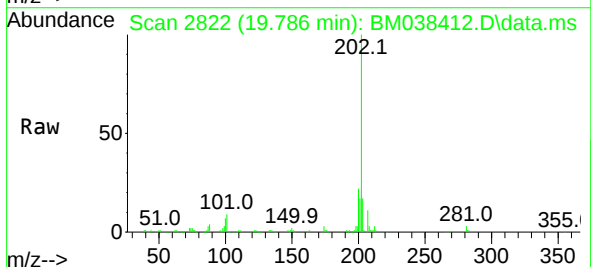
Tgt Ion:202 Resp: 77434
Ion Ratio Lower Upper
202 100
101 9.3 7.0 10.6
100 7.0 5.8 8.8

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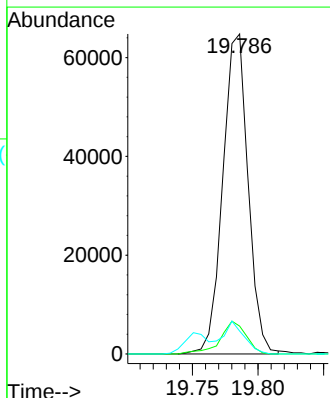
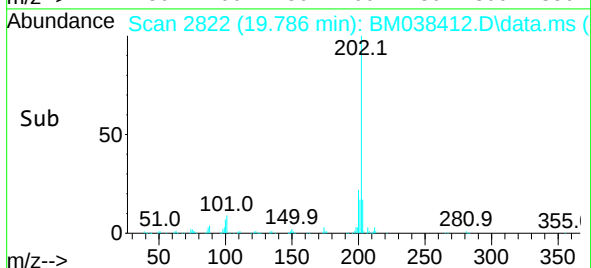
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

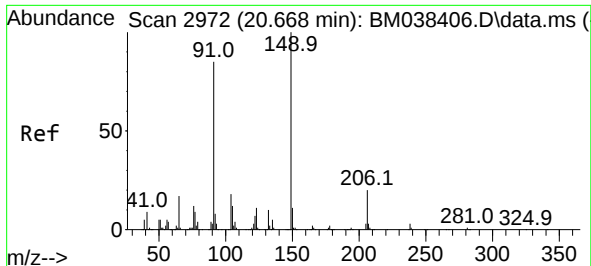


#82
Pyrene
Concen: 3.987 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



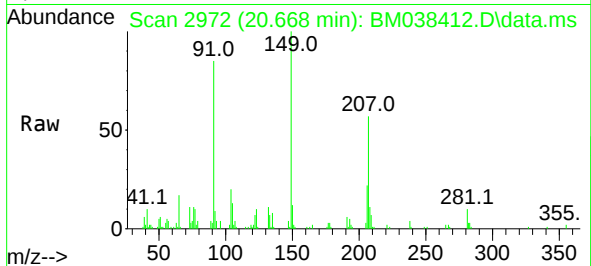
Tgt Ion:202 Resp: 86734
Ion Ratio Lower Upper
202 100
101 8.7 8.6 13.0
100 7.1 7.4 11.0#





#83
Butylbenzylphthalate
Concen: 3.541 ng/ul
RT: 20.668 min Scan# 2972
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

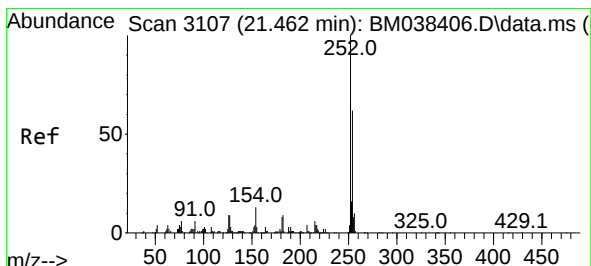
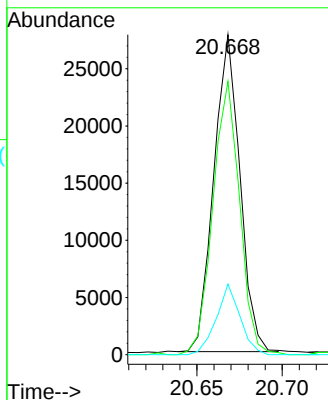
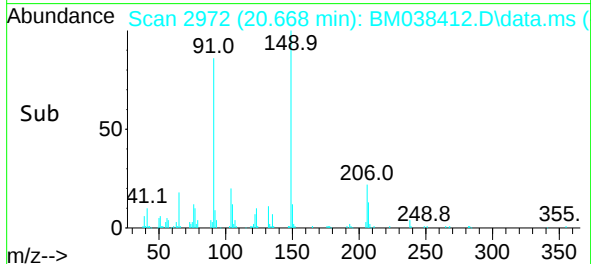
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



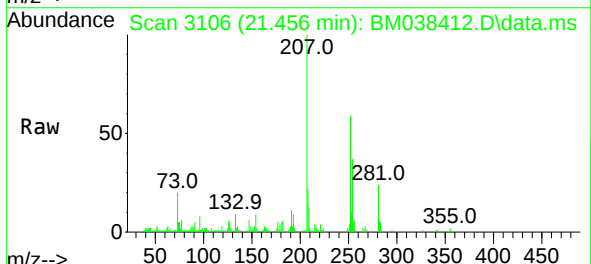
Tgt Ion:149 Resp: 2954
Ion Ratio Lower Upper
149 100
91 85.4 65.0 97.6
206 22.0 16.0 24.0

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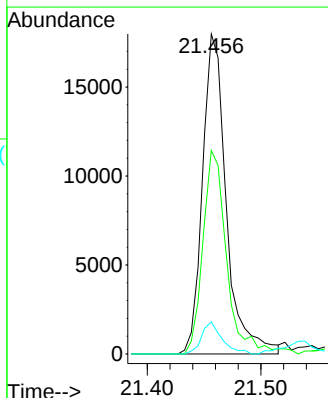
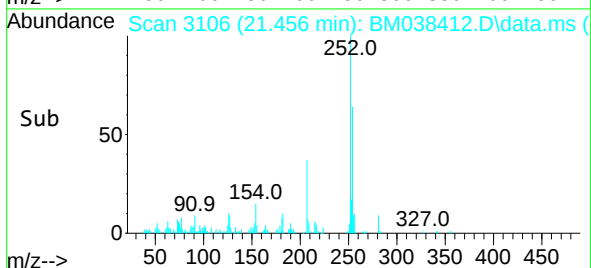
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023

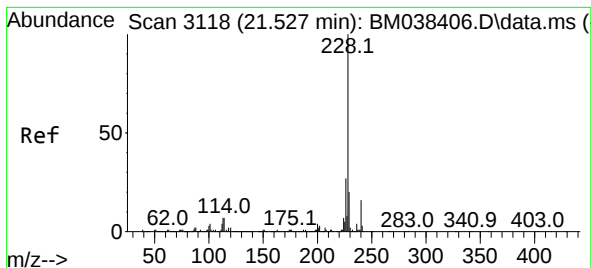


#84
3,3'-Dichlorobenzidine
Concen: 3.954 ng/ul
RT: 21.456 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



Tgt Ion:252 Resp: 26154
Ion Ratio Lower Upper
252 100
254 63.6 52.1 78.1
126 10.0 6.4 9.6#





#85

Benzo(a)anthracene

Concen: 3.885 ng/ul

RT: 21.521 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

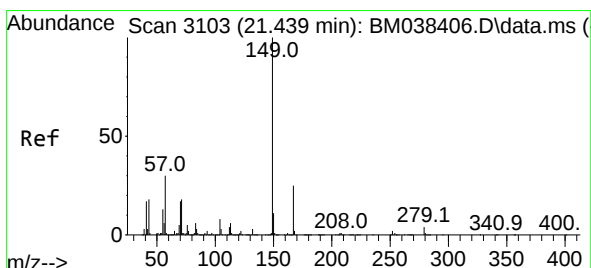
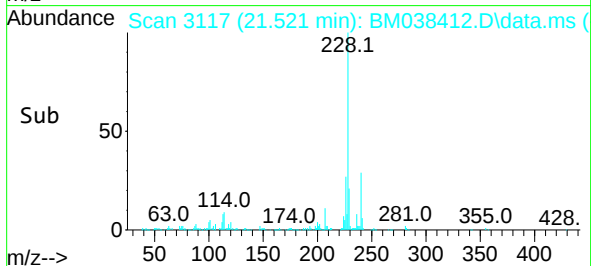
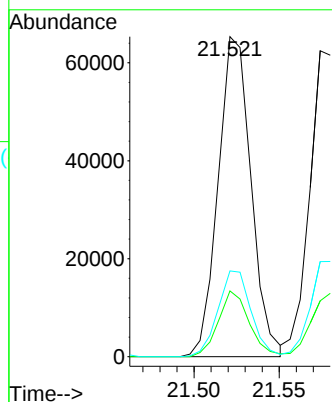
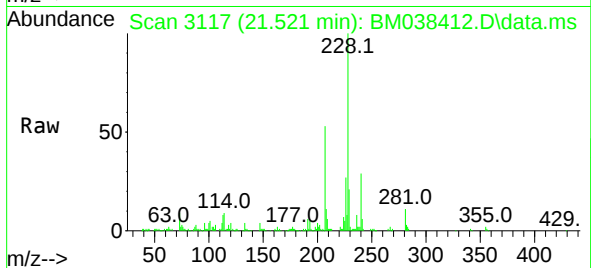
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:	228	Resp:	8770
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.6	23.4
226	26.8	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: 3.673 ng/ul

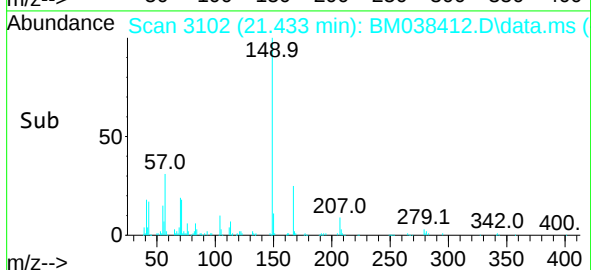
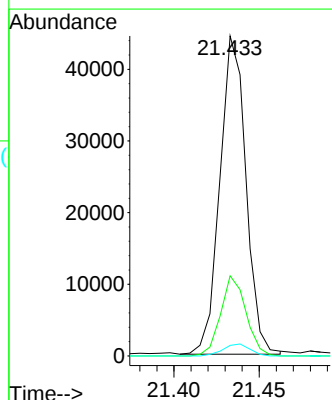
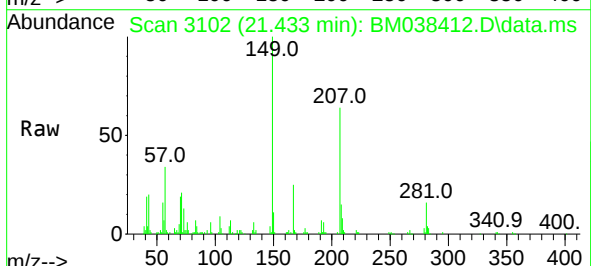
RT: 21.433 min Scan# 3102

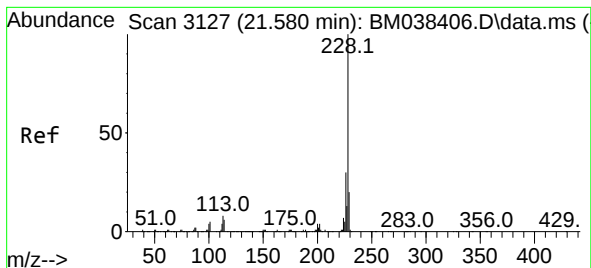
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Tgt Ion:	149	Resp:	47304
Ion Ratio	Lower	Upper	
149	100		
167	25.0	19.7	29.5
279	3.3	2.8	4.2





#87

Chrysene

Concen: 3.824 ng/ul

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

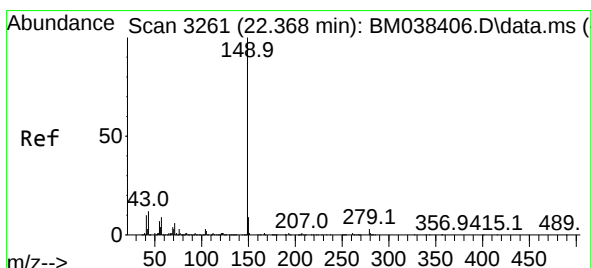
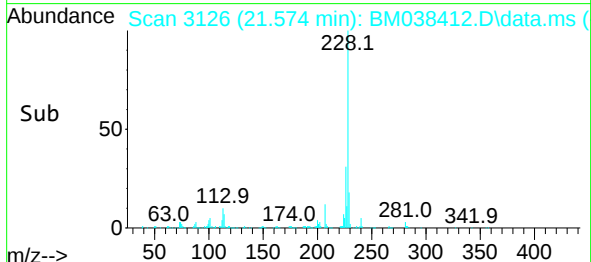
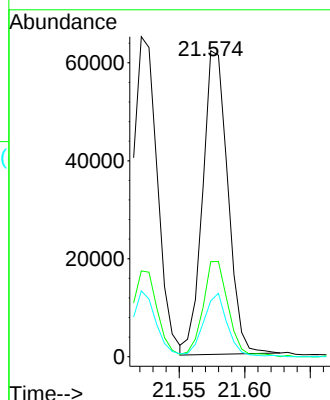
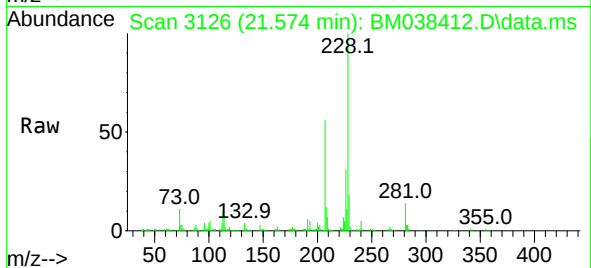
MDL-MED-SOIL-QT3-2022-05

Tgt Ion:228 Resp: 82925
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.0 36.0
 229 18.3 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: 3.079 ng/ul

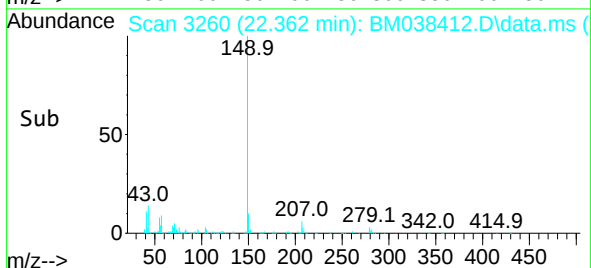
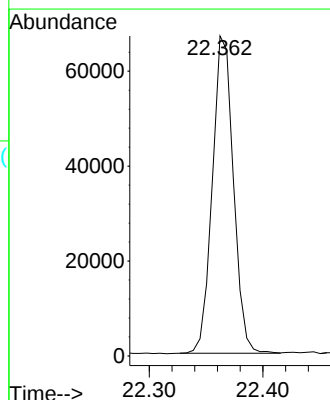
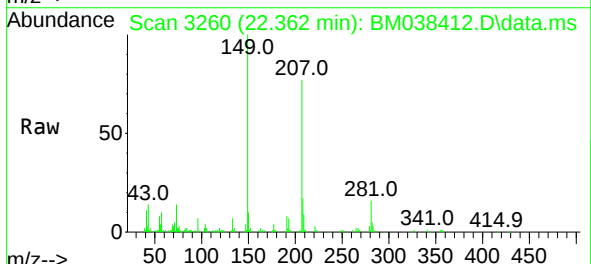
RT: 22.362 min Scan# 3260

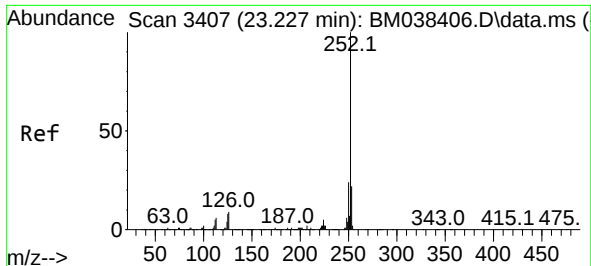
Delta R.T. -0.006 min

Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

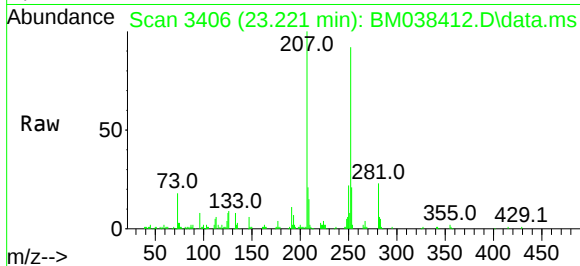
Tgt Ion:149 Resp: 86196





#90
Benzo(b)fluoranthene
Concen: 3.767 ng/ul
RT: 23.221 min Scan# 3406
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

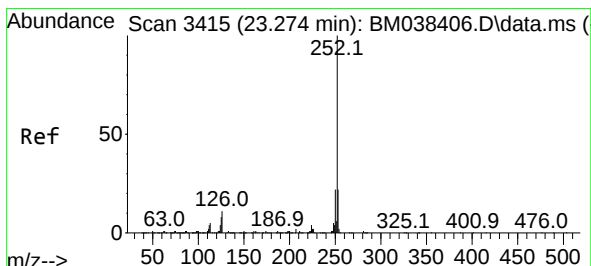
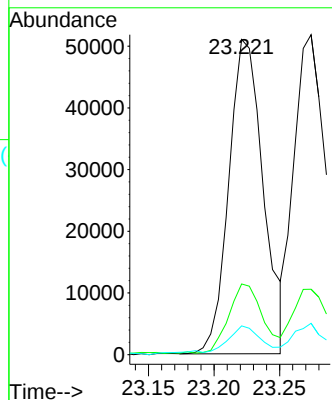
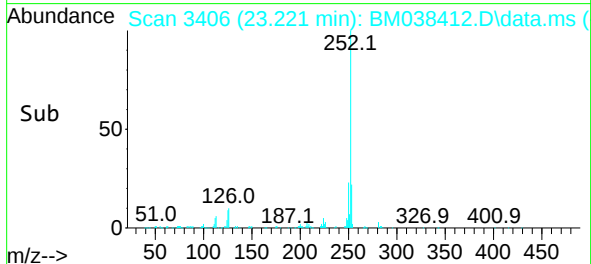
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT3-2022-05



Tgt Ion:252 Resp: 9326
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.2 6.6 10.0

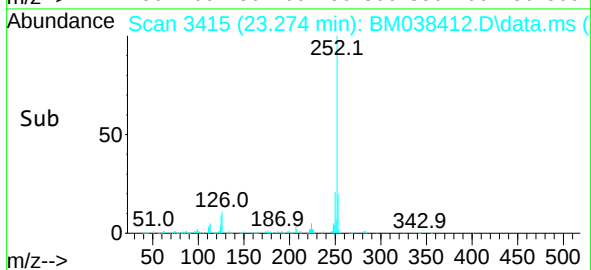
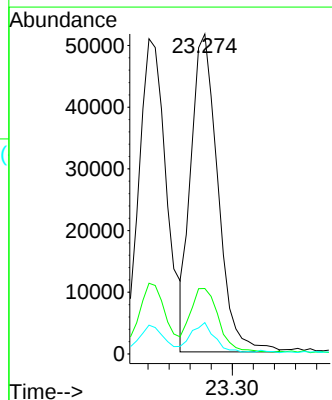
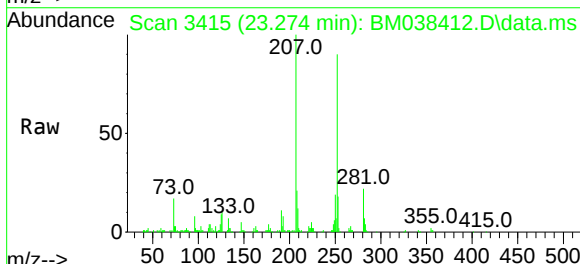
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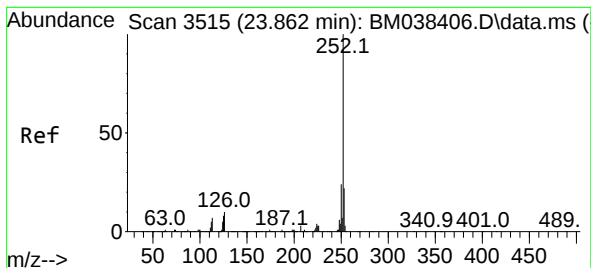
Reviewed By :Jagrut Upadhyay 01/10/2023
Supervised By :Yogesh Patel 01/11/2023



#91
Benzo(k)fluoranthene
Concen: 3.680 ng/ul m
RT: 23.274 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

Tgt Ion:252 Resp: 91492
Ion Ratio Lower Upper
252 100
253 20.4 17.8 26.6
125 9.8 6.3 9.5#





#93

Benzo(a)pyrene

Concen: 3.821 ng/u1

RT: 23.862 min Scan# 3515

Delta R.T. -0.006 min

Lab File: BM038412.D

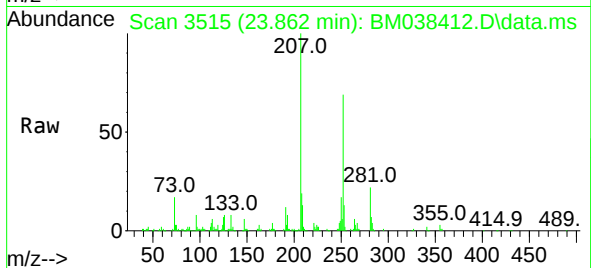
Acq: 09 Jan 2023 13:22

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT3-2022-05



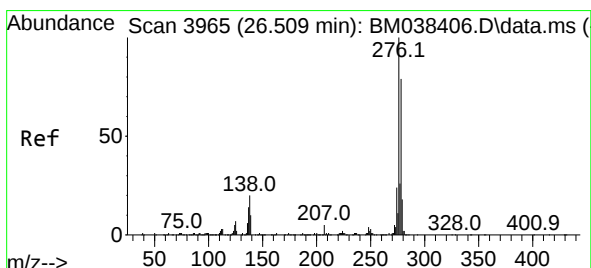
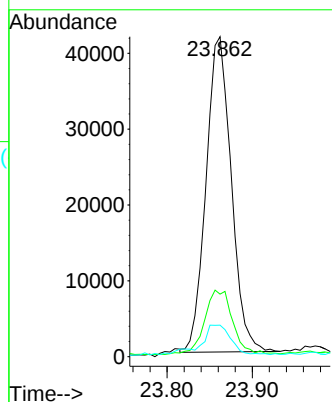
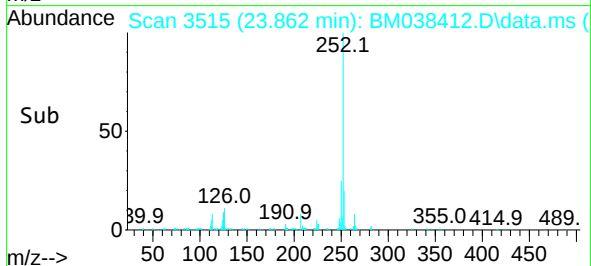
Tgt Ion: 252 Resp: 8562

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.7	26.5
125	9.9	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: 4.047 ng/u1

RT: 26.503 min Scan# 3964

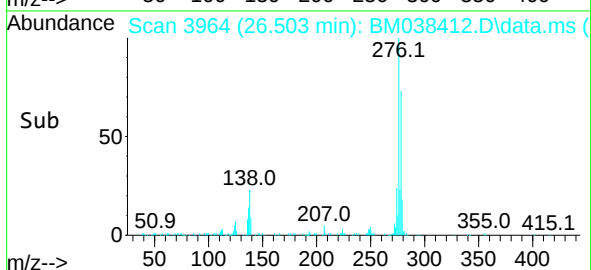
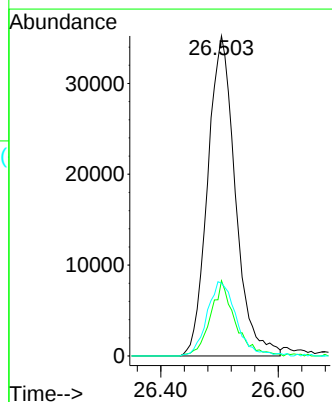
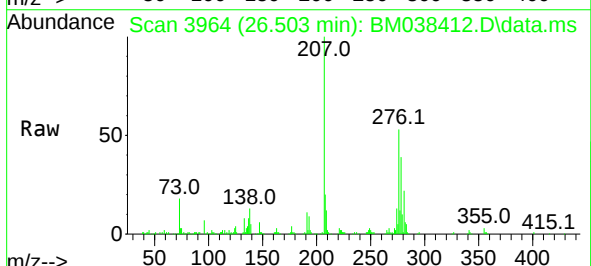
Delta R.T. -0.012 min

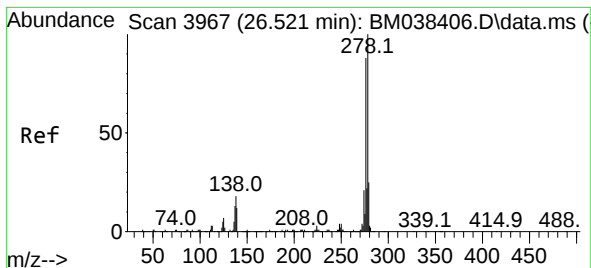
Lab File: BM038412.D

Acq: 09 Jan 2023 13:22

Tgt Ion: 276 Resp: 115254

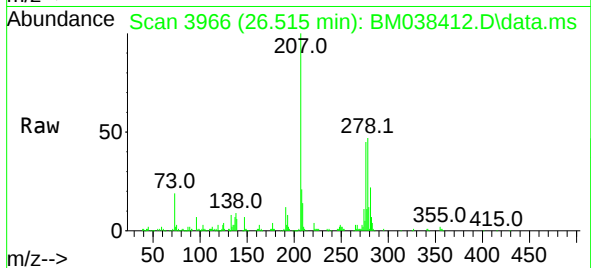
Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.7	23.5
277	22.7	20.2	30.4





#95
Dibenzo(a,h)anthracene
Concen: 4.004 ng/ul
RT: 26.515 min Scan# 3966
Delta R.T. -0.012 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22

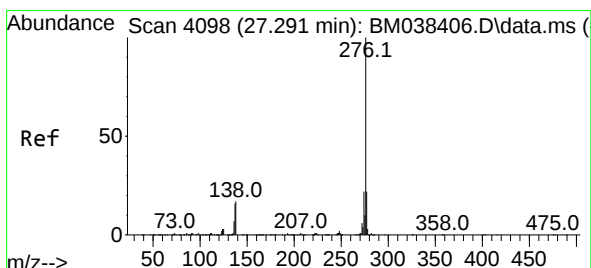
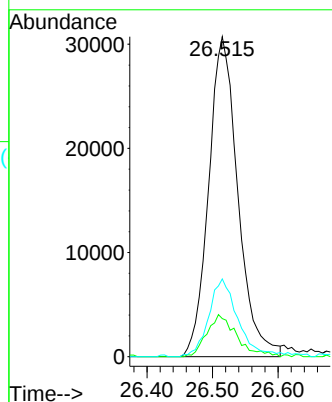
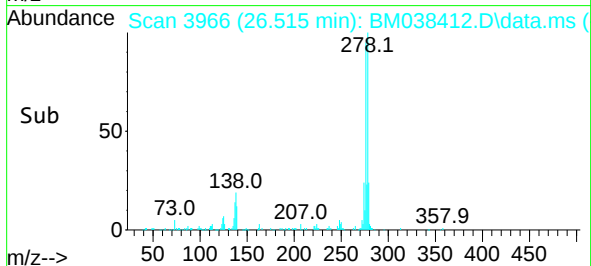
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT3-2022-05



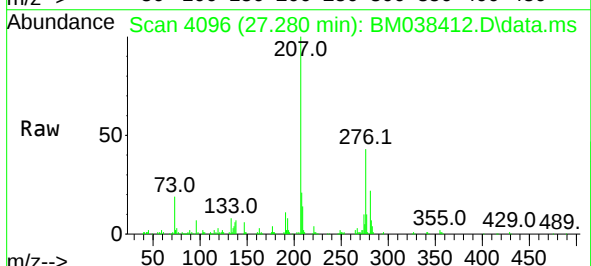
Tgt Ion:278 Resp: 9516
Ion Ratio Lower Upper
278 100
139 11.9 10.0 15.0
279 24.3 18.9 28.3

Manual Integrations
APPROVED

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



#96
Benzo(g,h,i)perylene
Concen: 4.074 ng/ul
RT: 27.280 min Scan# 4096
Delta R.T. -0.018 min
Lab File: BM038412.D
Acq: 09 Jan 2023 13:22



Tgt Ion:276 Resp: 94986
Ion Ratio Lower Upper
276 100
138 17.5 13.8 20.6
277 22.3 18.6 28.0

