

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010523\
 Data File : BM038374.D
 Acq On : 05 Jan 2023 11:35
 Operator : CG/JU
 Sample : N5388-03
 Misc : SFAM-MDL-S-01-4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2022-07

Quant Time: Jan 05 12:15:07 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 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	58500	20.000	ng/u1	0.00
20) Naphthalene-d8	10.810	136	222694	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	140436	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	318897	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	333416	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	404084	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	8301	4.602	ng/uL	0.00
4) Pyridine-d5	3.799	84	74386	14.253	ng/u1	0.00
7) Phenol-d5	7.157	99	93906	17.621	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	69371	18.095	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	70852	18.555	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	70048	17.028	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	31776	18.187	ng/u1	0.00
24) 2-Nitrophenol-d4	9.892	143	36024	18.180	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	65616	17.148	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	85355	16.165	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	193311	18.176	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	221041	17.834	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	27932	14.589	ng/u1	0.00
60) Fluorene-d10	15.621	176	174260	18.017	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	33504	14.496	ng/u1	0.00
73) Anthracene-d10	17.468	188	275118	17.884	ng/u1	0.00
81) Pyrene-d10	19.756	212	332742	17.934	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.821	264	361705	18.023	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	2440m	1.267	ng/uL	
5) Pyridine	3.828	79	19419	3.522	ng/u1#	76
6) Benzaldehyde	7.140	77	13067	5.964	ng/u1	98
8) Phenol	7.187	94	22387	3.982	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.422	93	18685	4.151	ng/u1	94
12) 2-Chlorophenol	7.557	128	16583	4.205	ng/u1	97
13) 2-Methylphenol	8.445	108	14218	3.541	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.522	45	27032	3.786	ng/u1	98
16) Acetophenone	8.834	105	27174	3.733	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.810	70	14809	3.776	ng/u1	97
18) 4-Methylphenol	8.775	108	16371	3.747	ng/u1	90
19) Hexachloroethane	9.081	117	7896	4.300	ng/u1	100
22) Nitrobenzene	9.210	77	23943	4.155	ng/u1	93
23) Isophorone	9.739	82	38245	3.871	ng/u1	98
25) 2-Nitrophenol	9.928	139	8366	4.053	ng/u1	100
26) 2,4-Dimethylphenol	9.981	107	18025	3.736	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.222	93	22075	3.905	ng/u1	95
29) 2,4-Dichlorophenol	10.457	162	14175	3.810	ng/u1	93
30) Naphthalene	10.863	128	48247	4.062	ng/u1	99
32) 4-Chloroaniline	10.980	127	18775	3.490	ng/u1	96
33) Hexachlorobutadiene	11.139	225	12021	4.339	ng/u1	92
34) Caprolactam	11.769	113	3793m	3.571	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	13990	3.534	ng/u1	97
36) 2-Methylnaphthalene	12.469	142	29326	3.787	ng/u1	96

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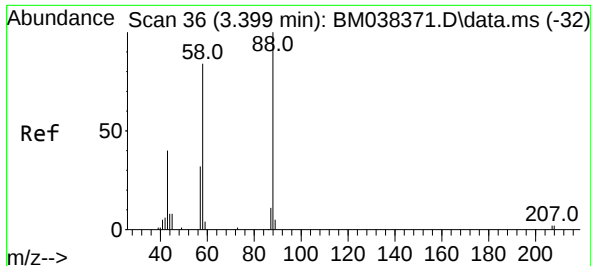
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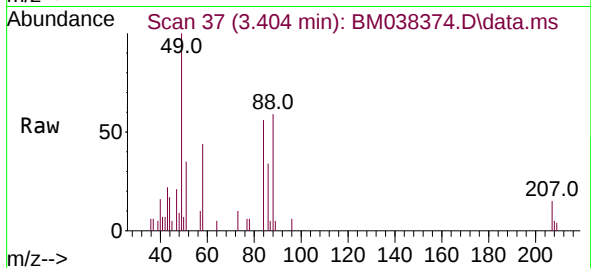
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	26788	3.344	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.833	216	19629	3.953	ng/ul	97
40) Hexachlorocyclopentadiene	12.804	237	11160	3.182	ng/ul	92
41) 2,4,6-Trichlorophenol	13.074	196	11405	3.701	ng/ul	96
42) 2,4,5-Trichlorophenol	13.145	196	11601m	3.512	ng/ul	
43) 1,1'-Biphenyl	13.469	154	40417	3.807	ng/ul	95
44) 2-Chloronaphthalene	13.516	162	32538	3.754	ng/ul	97
45) 2-Nitroaniline	13.727	65	9504	3.278	ng/ul	89
47) Dimethylphthalate	14.086	163	42200	3.910	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	6893	3.354	ng/ul	96
50) Acenaphthylene	14.357	152	49043	3.730	ng/ul	97
51) 3-Nitroaniline	14.551	138	6160	3.255	ng/ul	92
52) Acenaphthene	14.698	153	36096	3.879	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	6724	4.376	ng/ul	86
55) 4-Nitrophenol	14.851	109	6564	3.275	ng/ul	91
56) Dibenzofuran	15.027	168	50492	3.818	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	10883	3.620	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.257	232	10657	3.612	ng/ul	97
59) Diethylphthalate	15.445	149	41887	3.744	ng/ul	97
61) Fluorene	15.674	166	40764	3.591	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.668	204	22545	3.773	ng/ul	95
63) 4-Nitroaniline	15.704	138	6143m	3.393	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.762	198	9195	4.152	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	33261	3.658	ng/ul	97
68) 4-Bromophenyl-phenylether	16.562	248	12984	3.843	ng/ul	93
69) Hexachlorobenzene	16.674	284	14870	3.816	ng/ul	93
70) Atrazine	16.827	200	14208	3.780	ng/ul#	96
71) Pentachlorophenol	17.027	266	9157	3.561	ng/ul	97
72) Phenanthrene	17.415	178	63992	3.678	ng/ul	97
74) Anthracene	17.504	178	65340	3.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	18130	3.767	ng/uL	97
76) Pentachlorobenzene	14.945	250	15956	3.440	ng/uL	97
77) Carbazole	17.780	167	52619	3.207	ng/ul	97
78) Di-n-butylphthalate	18.327	149	69636	3.553	ng/ul	99
80) Fluoranthene	19.427	202	77471	3.692	ng/ul	98
82) Pyrene	19.786	202	86489	3.782	ng/ul	98
83) Butylbenzylphthalate	20.674	149	32469	3.702	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.462	252	23695	3.408	ng/ul	97
85) Benzo(a)anthracene	21.533	228	88018	3.709	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.439	149	48284	3.567	ng/ul	99
87) Chrysene	21.586	228	89253	3.915	ng/ul	97
89) Di-n-octyl phthalate	22.374	149	87106	3.013	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	94689	3.704	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	91504	3.564	ng/ul	98
93) Benzo(a)pyrene	23.868	252	88921	3.843	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	109804	3.734	ng/ul	98
95) Dibenzo(a,h)anthracene	26.526	278	90084	3.671	ng/ul	99
96) Benzo(g,h,i)perylene	27.303	276	94261	3.915	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.267 ng/uL m
RT: 3.404 min Scan# 31
Delta R.T. 0.005 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

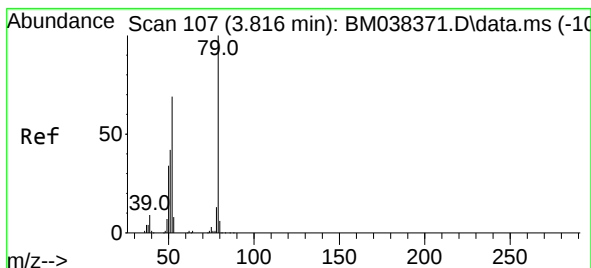
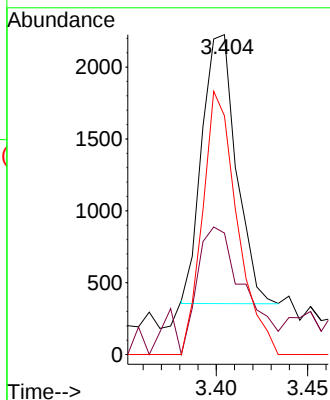
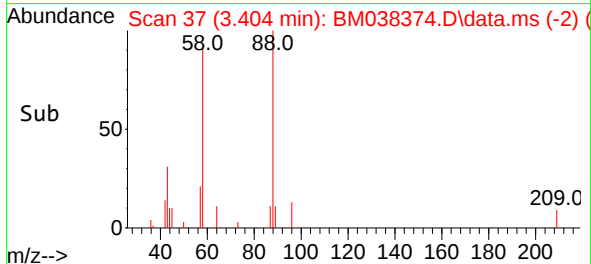
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 88 Resp: 2440
Ion Ratio Lower Upper
88 100
43 38.0 30.6 45.8
58 74.6 60.2 90.4

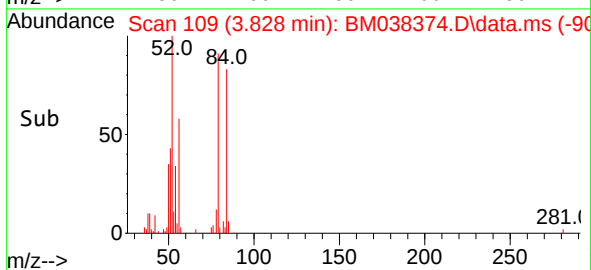
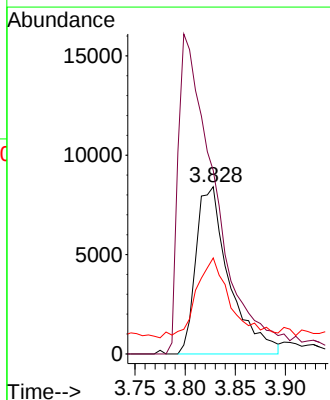
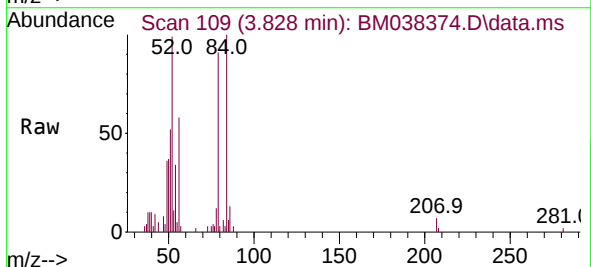
Manual Integrations
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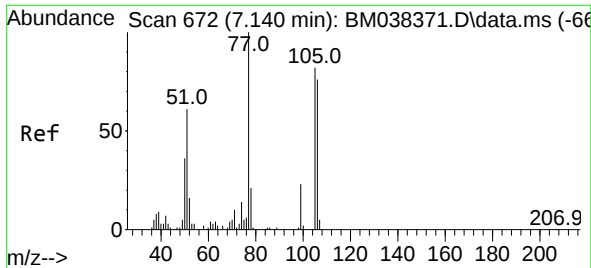
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#5
Pyridine
Concen: 3.522 ng/uL
RT: 3.828 min Scan# 109
Delta R.T. 0.012 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

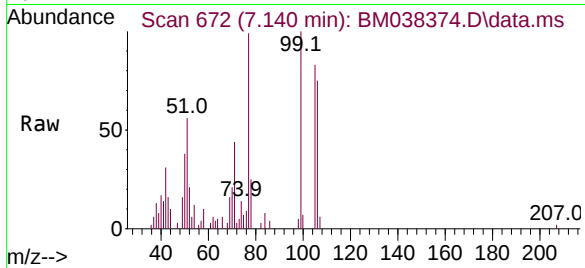
Tgt Ion: 79 Resp: 19419
Ion Ratio Lower Upper
79 100
52 109.7 69.6 104.4#
51 57.4 34.8 52.2#





#6
Benzaldehyde
Concen: 5.964 ng/ul
RT: 7.140 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

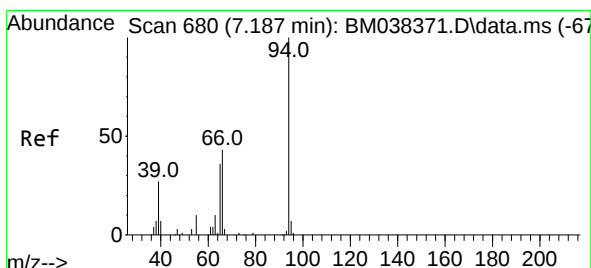
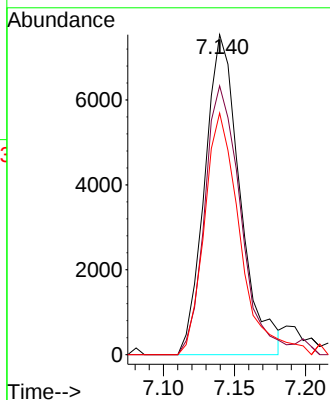
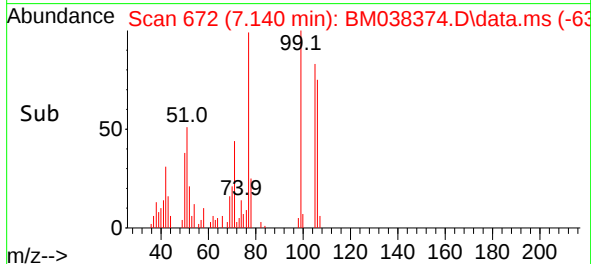
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 77 Resp: 13062
Ion Ratio Lower Upper
77 100
105 84.0 64.5 96.7
106 75.5 60.6 90.8

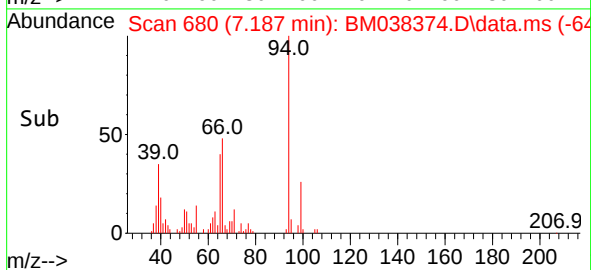
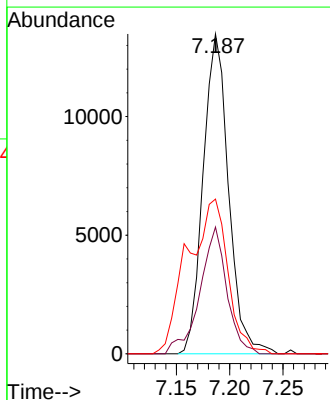
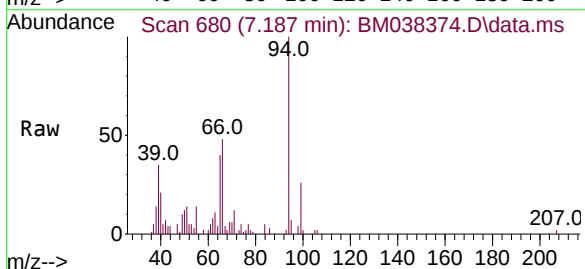
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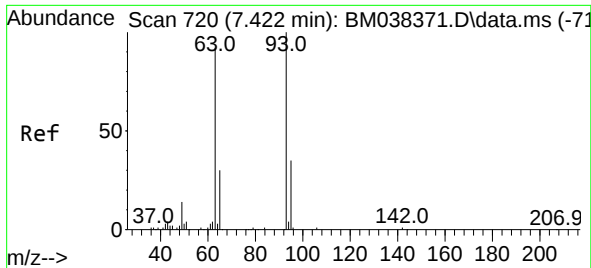
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#8
Phenol
Concen: 3.982 ng/ul
RT: 7.187 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

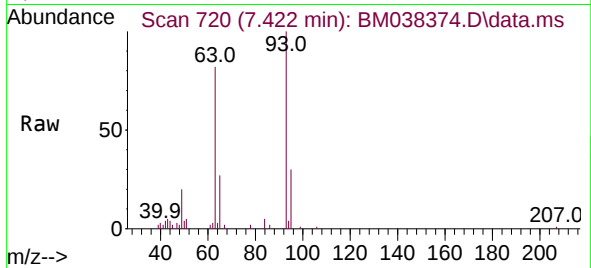
Tgt Ion: 94 Resp: 22387
Ion Ratio Lower Upper
94 100
65 39.6 29.4 44.2
66 48.4 38.0 57.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.151 ng/ul
RT: 7.422 min Scan# 720
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

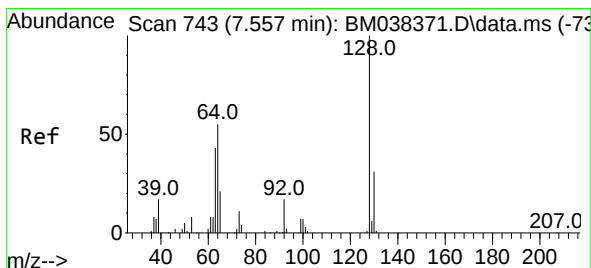
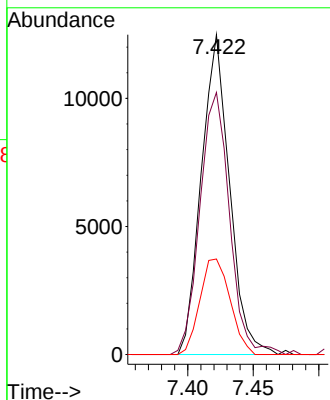
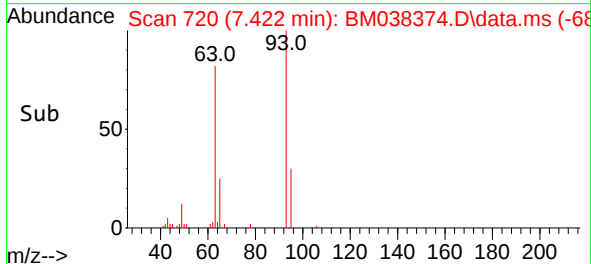
Instrument :
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ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:	93	Resp:	18685
Ion	Ratio	Lower	Upper
93	100		
63	81.9	69.6	104.4
95	29.9	26.6	40.0

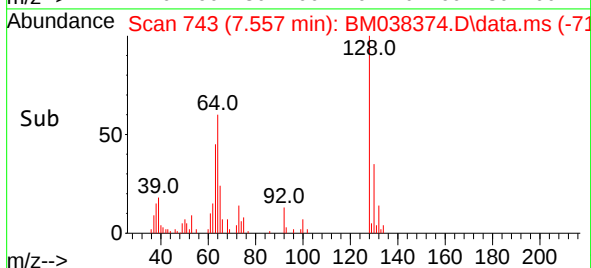
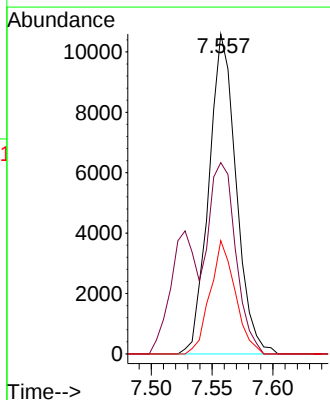
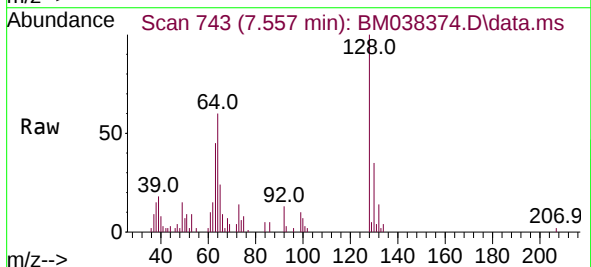
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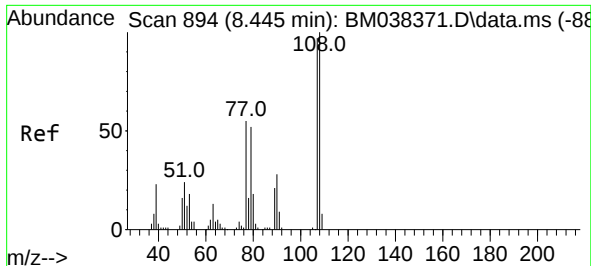
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#12
2-Chlorophenol
Concen: 4.205 ng/ul
RT: 7.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

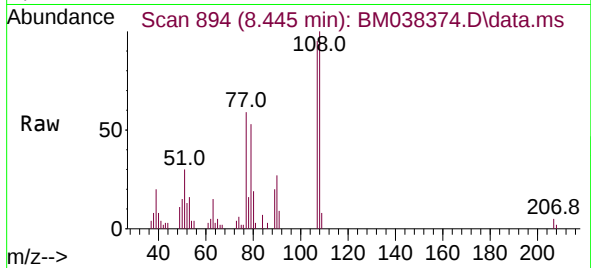
Tgt Ion:	128	Resp:	16583
Ion	Ratio	Lower	Upper
128	100		
64	59.8	47.3	70.9
130	35.4	25.7	38.5





#13
2-Methylphenol
Concen: 3.541 ng/ul
RT: 8.445 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

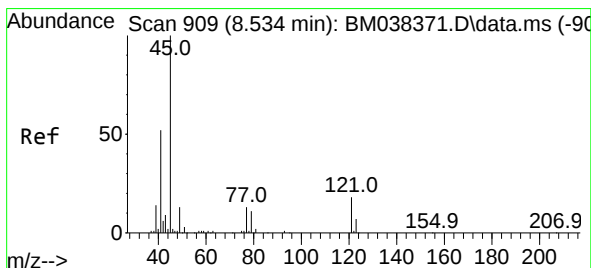
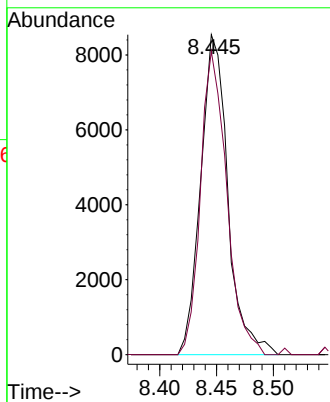
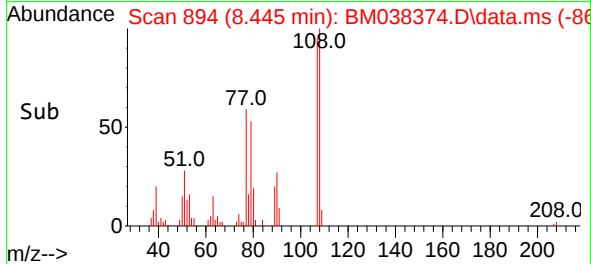
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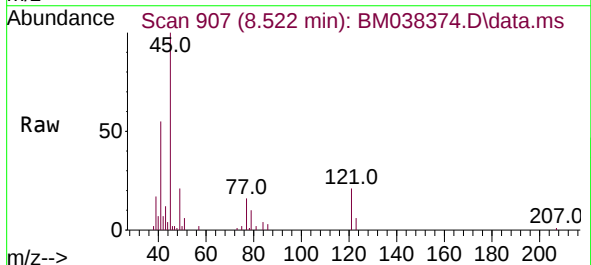
Tgt Ion:108 Resp: 14218
Ion Ratio Lower Upper
108 100
107 94.8 70.3 105.5

Manual Integrations
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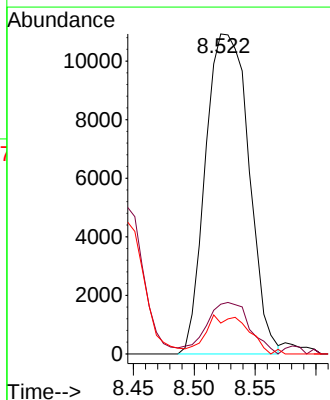
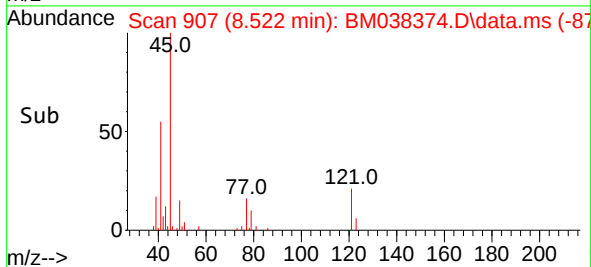
Reviewed By :Jagrut Upadhyay 01/06/2023
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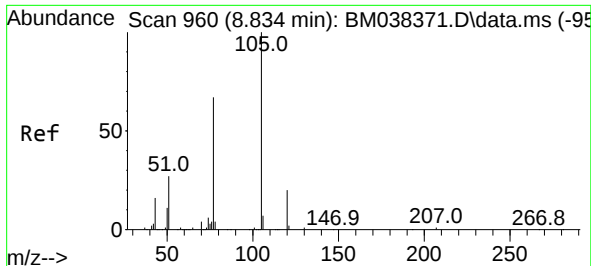


#14
2,2'-oxybis(1-Chloropropane)
Concen: 3.786 ng/ul
RT: 8.522 min Scan# 907
Delta R.T. -0.012 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



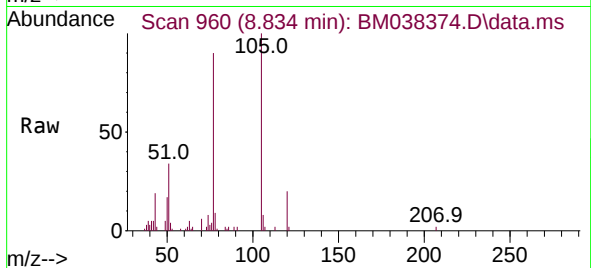
Tgt Ion: 45 Resp: 27032
Ion Ratio Lower Upper
45 100
77 15.5 12.2 18.2
79 9.6 8.6 13.0





#16
Acetophenone
Concen: 3.733 ng/ul
RT: 8.834 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM038374.D
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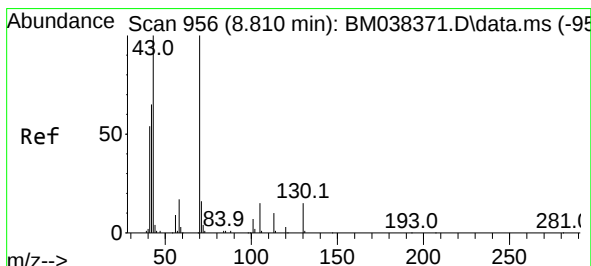
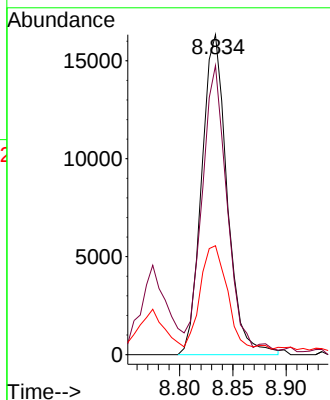
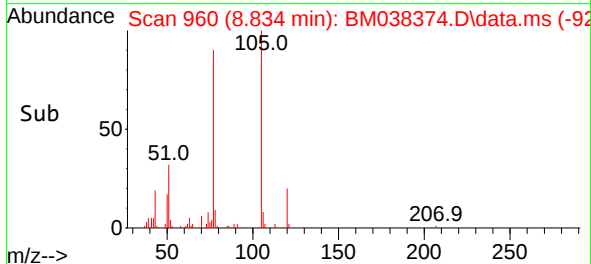
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BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



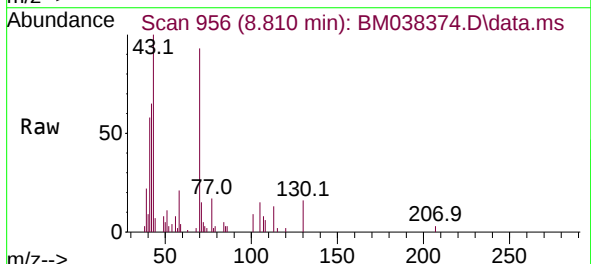
Tgt Ion: 105 Resp: 27174
Ion Ratio Lower Upper
105 100
77 90.3 71.9 107.9
51 34.0 29.1 43.7

Manual Integrations
APPROVED

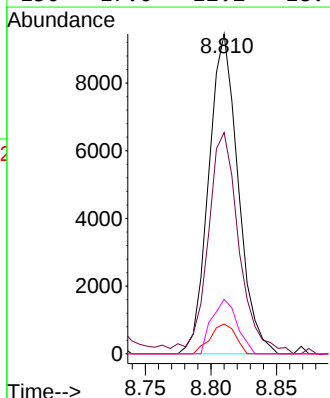
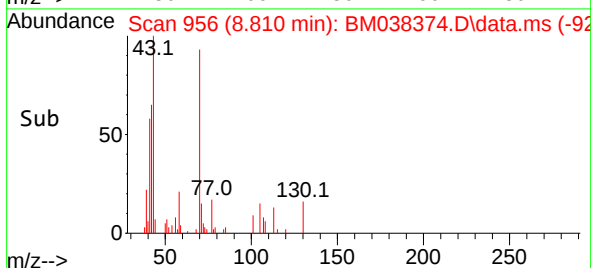
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

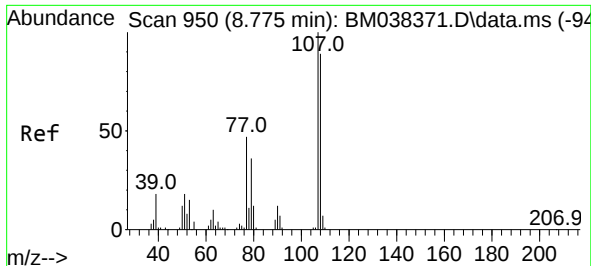


#17
N-Nitroso-di-n-propylamine
Concen: 3.776 ng/ul
RT: 8.810 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



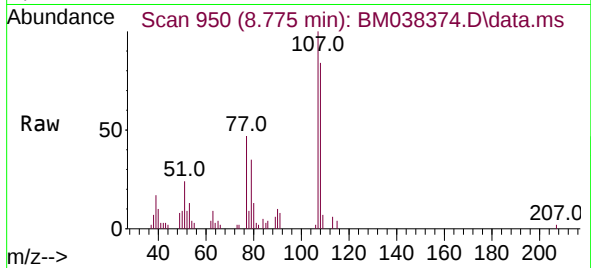
Tgt Ion: 70 Resp: 14809
Ion Ratio Lower Upper
70 100
42 69.2 53.0 79.6
101 9.3 7.2 10.8
130 17.0 12.2 18.4





#18
4-Methylphenol
Concen: 3.747 ng/ul
RT: 8.775 min Scan# 950
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

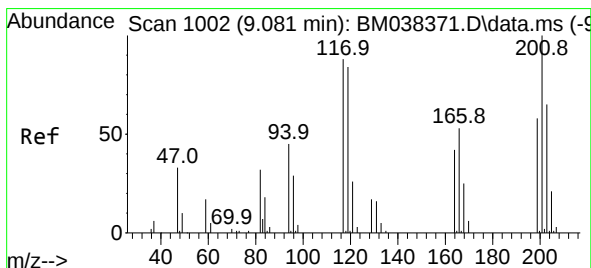
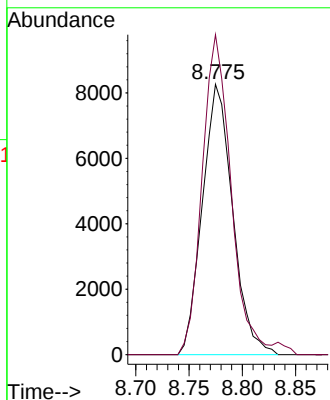
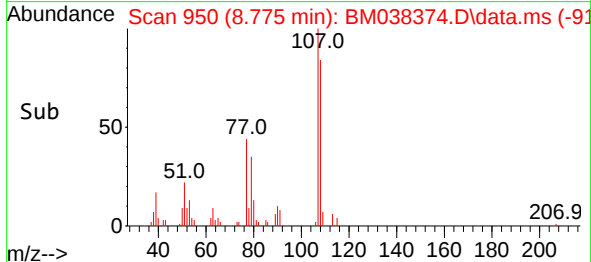
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:108 Resp: 1637
Ion Ratio Lower Upper
108 100
107 118.4 86.4 129.6

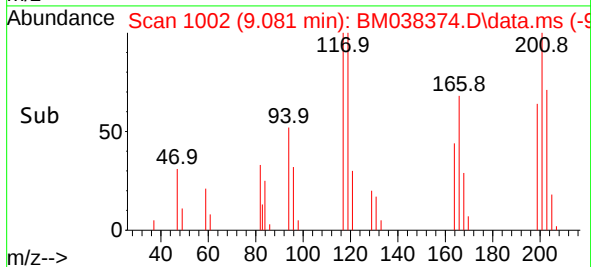
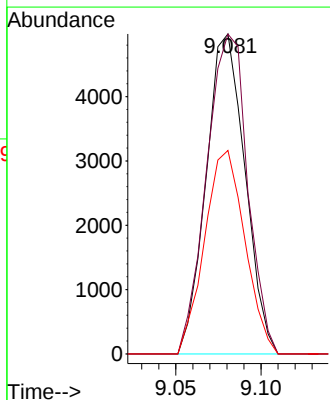
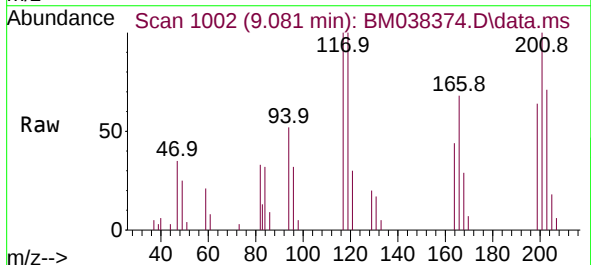
Manual Integrations
APPROVED

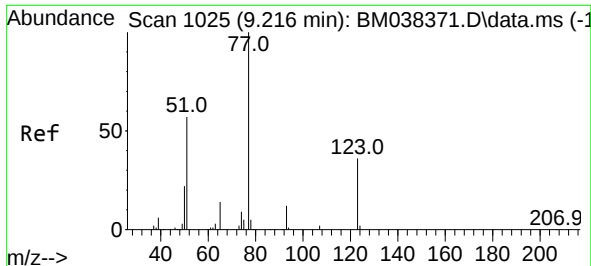
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#19
Hexachloroethane
Concen: 4.300 ng/ul
RT: 9.081 min Scan# 1002
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

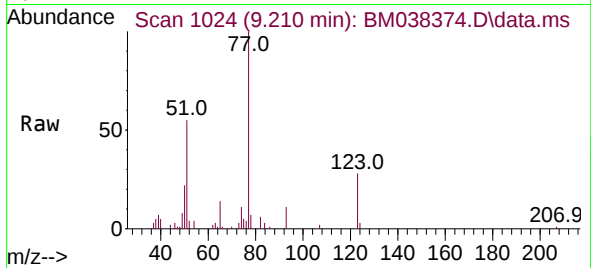
Tgt Ion:117 Resp: 7896
Ion Ratio Lower Upper
117 100
201 99.9 79.8 119.6
199 63.6 50.3 75.5





#22
Nitrobenzene
Concen: 4.155 ng/ul
RT: 9.210 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

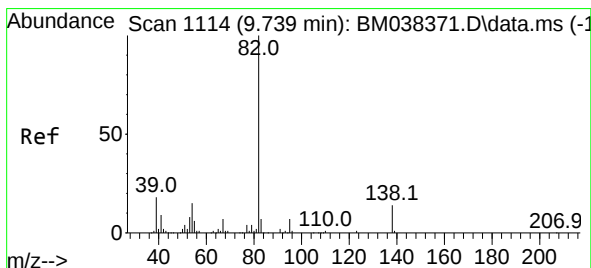
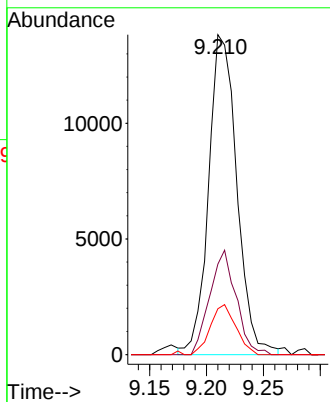
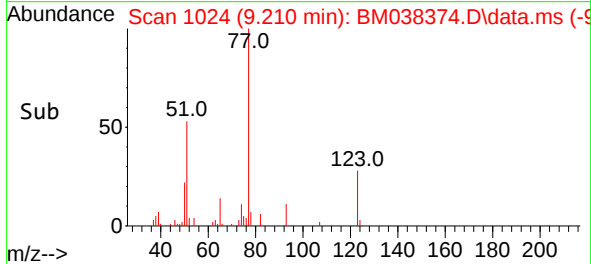
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 77 Resp: 23943
Ion Ratio Lower Upper
77 100
123 28.3 26.9 40.3
65 14.3 12.1 18.1

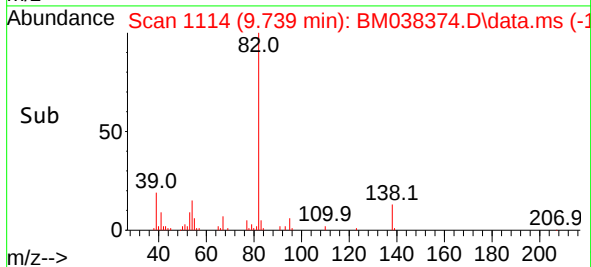
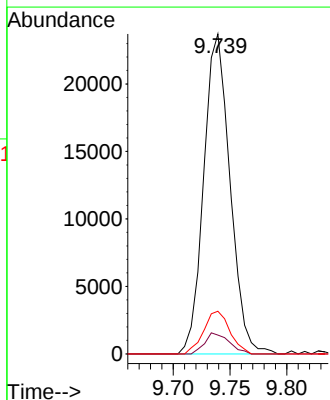
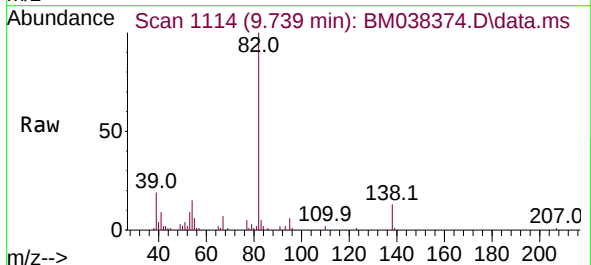
Manual Integrations
APPROVED

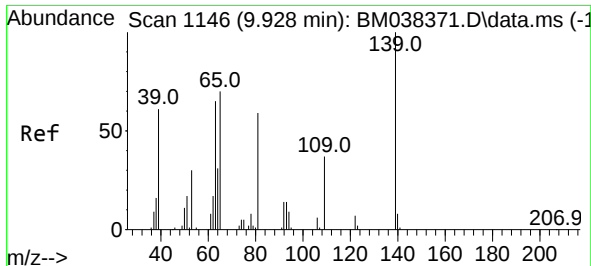
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#23
Isophorone
Concen: 3.871 ng/ul
RT: 9.739 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

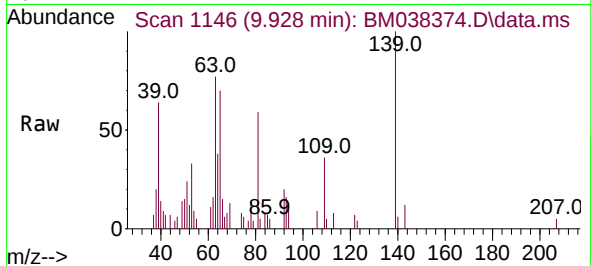
Tgt Ion: 82 Resp: 38245
Ion Ratio Lower Upper
82 100
95 5.9 5.4 8.0
138 13.3 11.1 16.7





#25
2-Nitrophenol
Concen: 4.053 ng/ul
RT: 9.928 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

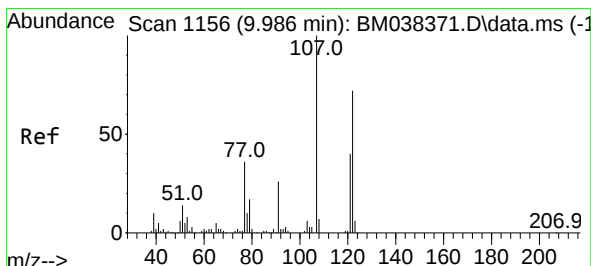
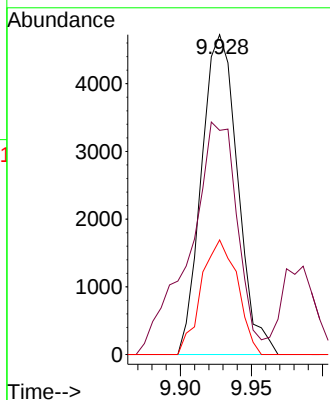
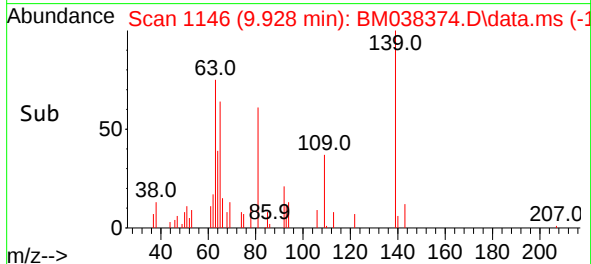
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



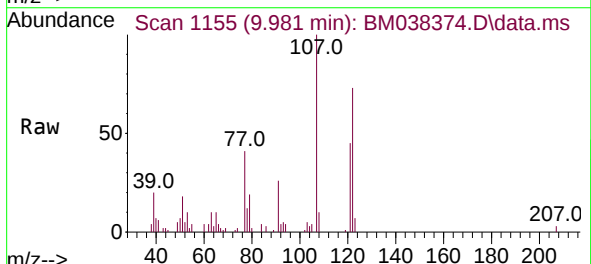
Tgt Ion:139 Resp: 8366
Ion Ratio Lower Upper
139 100
65 70.1 55.9 83.9
109 35.8 29.0 43.4

Manual Integrations
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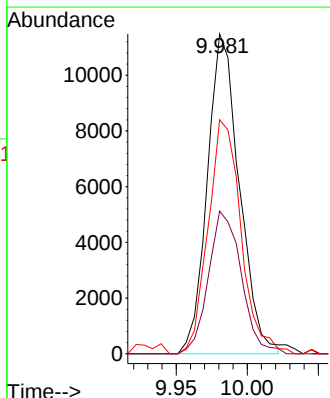
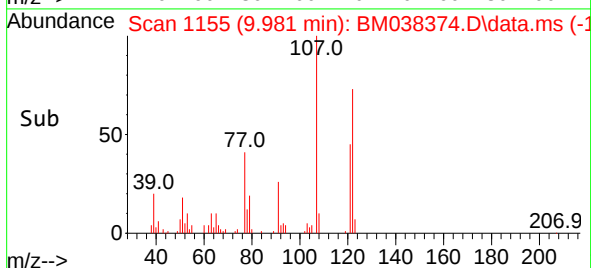
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

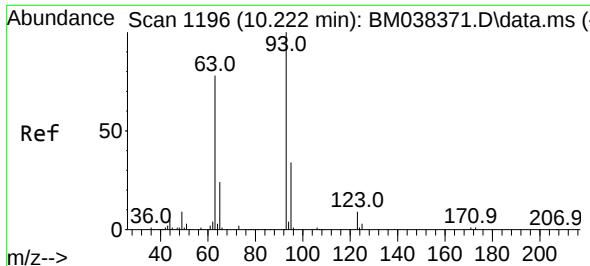


#26
2,4-Dimethylphenol
Concen: 3.736 ng/ul
RT: 9.981 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



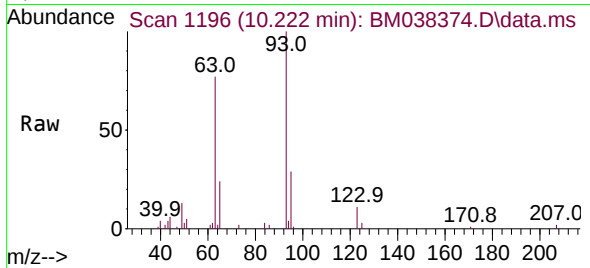
Tgt Ion:107 Resp: 18025
Ion Ratio Lower Upper
107 100
121 44.6 35.2 52.8
122 73.2 58.6 87.8





#27
Bis(2-Chloroethoxy)methane
Concen: 3.905 ng/ul
RT: 10.222 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

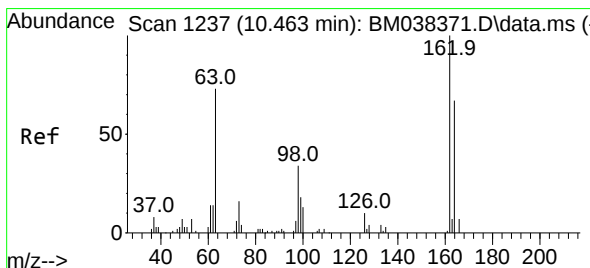
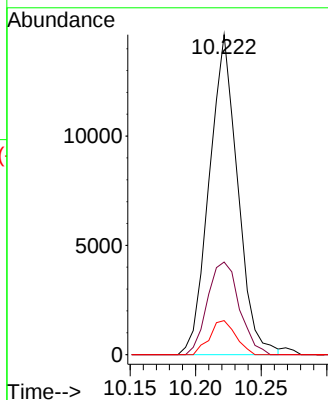
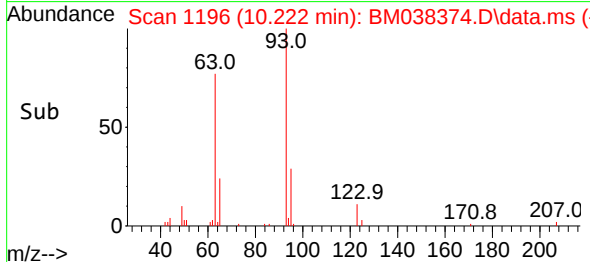
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion: 93 Resp: 22075
Ion Ratio Lower Upper
93 100
95 28.9 25.4 38.2
123 10.6 7.5 11.3

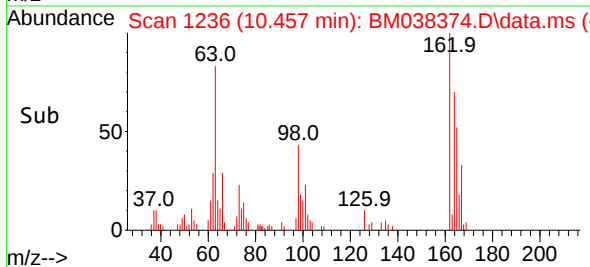
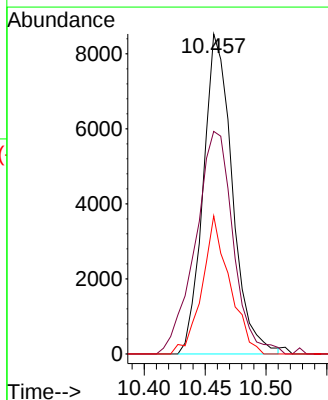
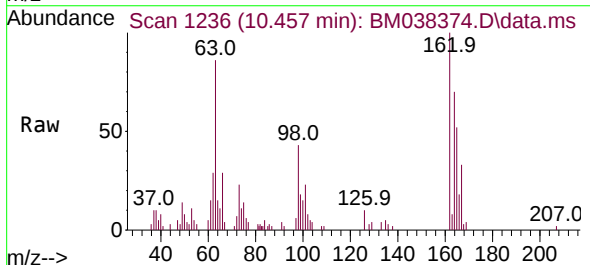
Manual Integrations
APPROVED

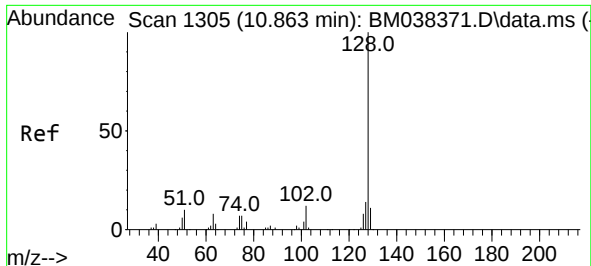
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#29
2,4-Dichlorophenol
Concen: 3.810 ng/ul
RT: 10.457 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

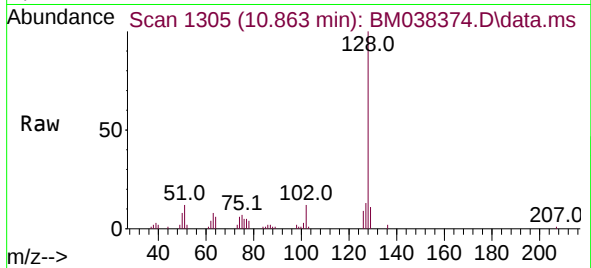
Tgt Ion:162 Resp: 14175
Ion Ratio Lower Upper
162 100
164 69.5 51.8 77.8
98 43.1 30.6 45.8





#30
Naphthalene
Concen: 4.062 ng/ul
RT: 10.863 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

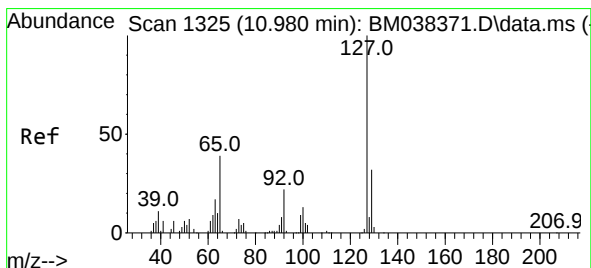
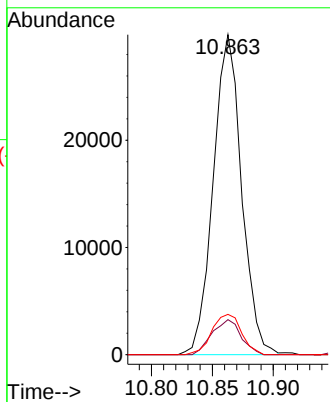
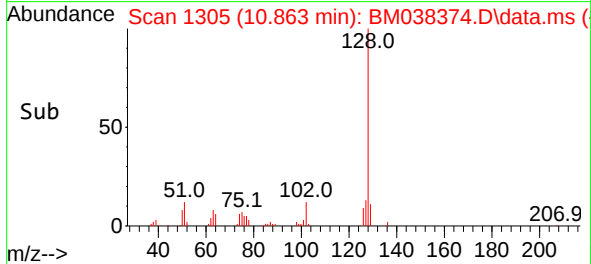
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:128 Resp: 4824
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.6 10.5 15.7

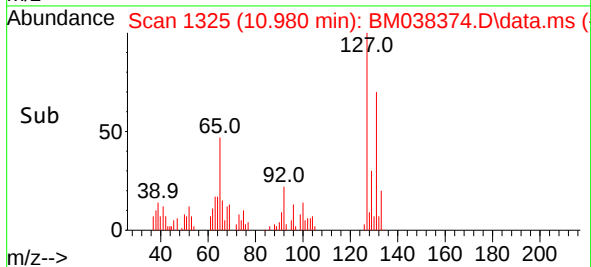
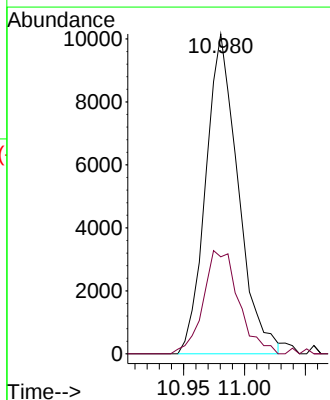
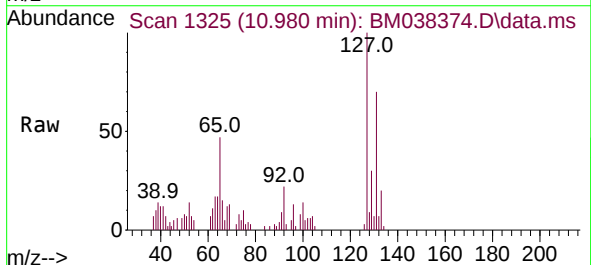
Manual Integrations
APPROVED

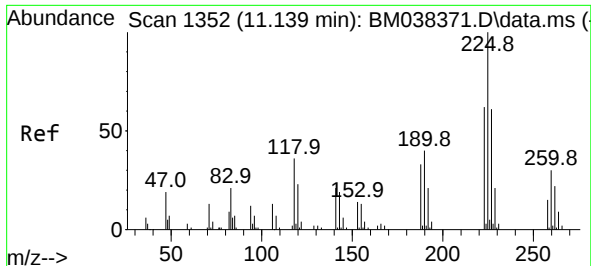
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#32
4-Chloroaniline
Concen: 3.490 ng/ul
RT: 10.980 min Scan# 1325
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

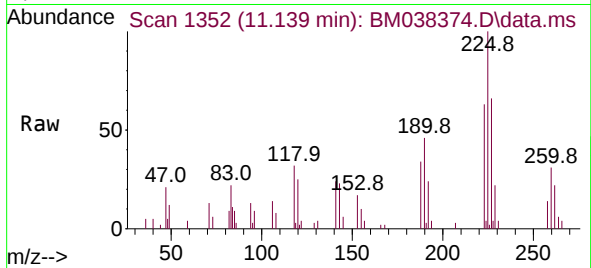
Tgt Ion:127 Resp: 18775
Ion Ratio Lower Upper
127 100
129 30.3 26.2 39.2





#33
Hexachlorobutadiene
Concen: 4.339 ng/ul
RT: 11.139 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

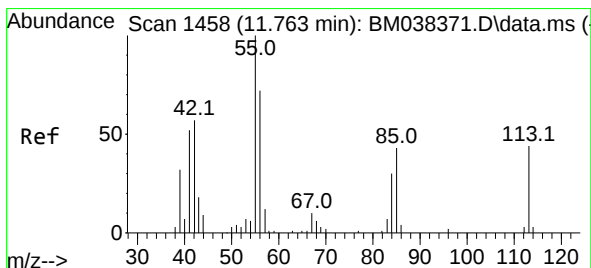
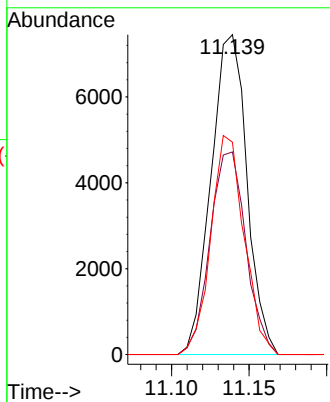
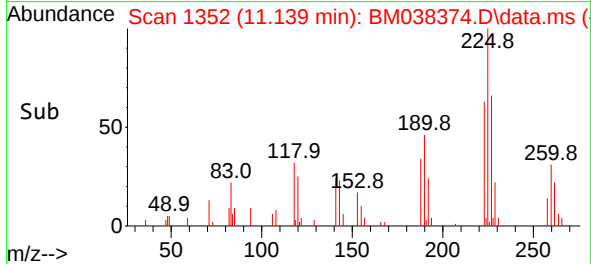
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:225 Resp: 1202
Ion Ratio Lower Upper
225 100
223 61.9 52.6 78.8
227 68.3 48.2 72.4

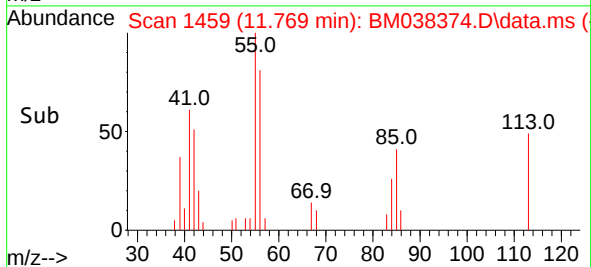
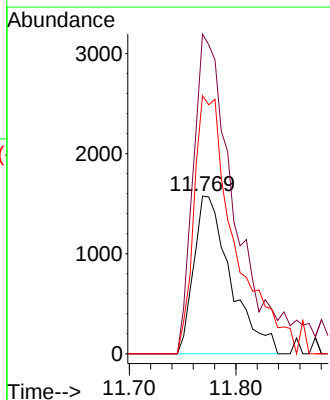
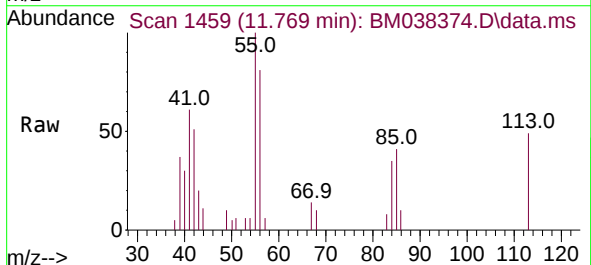
Manual Integrations
APPROVED

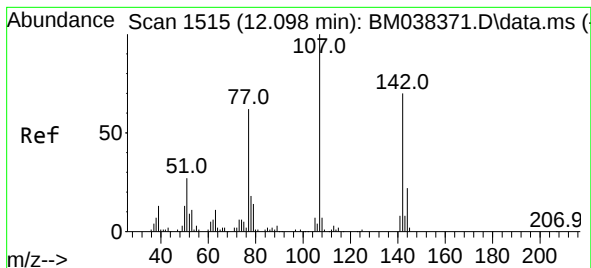
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#34
Caprolactam
Concen: 3.571 ng/ul m
RT: 11.769 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:113 Resp: 3793
Ion Ratio Lower Upper
113 100
55 202.7 161.5 242.3
56 163.5 125.8 188.8





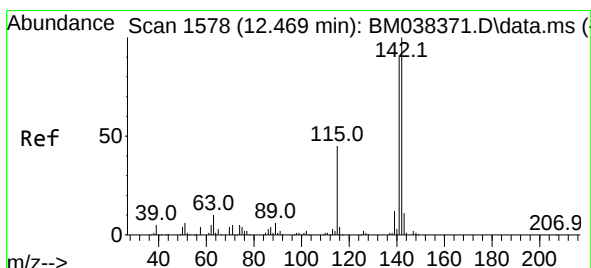
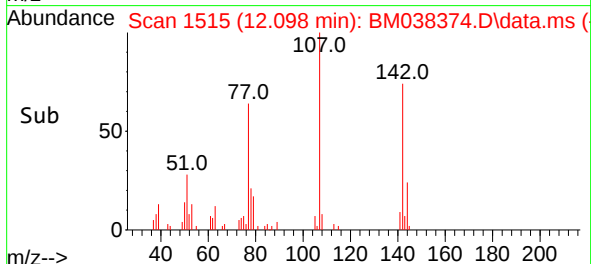
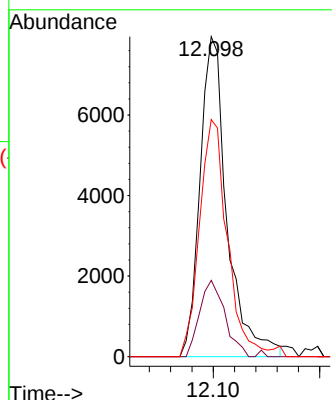
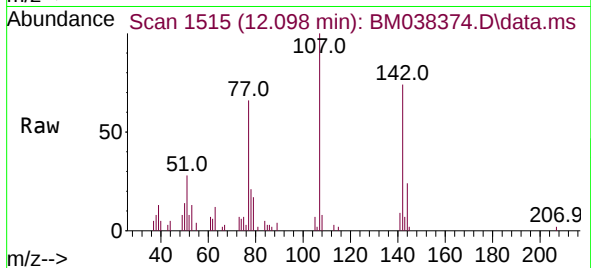
#35
4-Chloro-3-methylphenol
Concen: 3.534 ng/ul
RT: 12.098 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:107 Resp: 13990
Ion Ratio Lower Upper
107 100
144 23.8 18.1 27.1
142 74.1 57.4 86.2

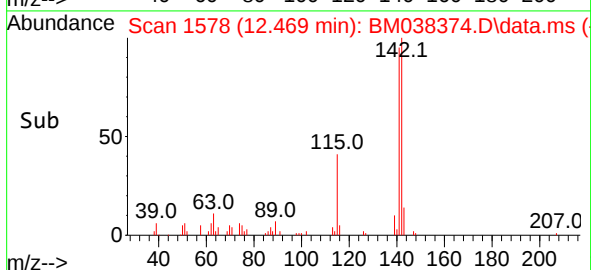
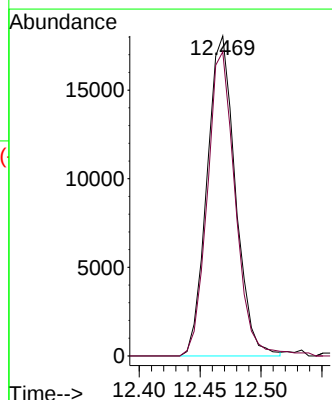
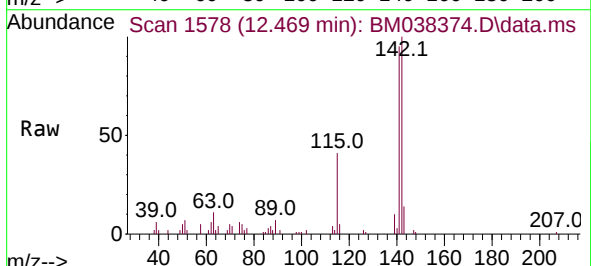
Manual Integrations
APPROVED

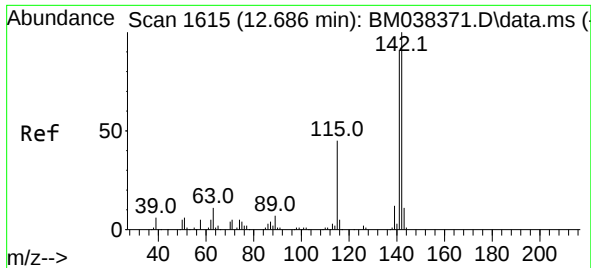
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#36
2-Methylnaphthalene
Concen: 3.787 ng/ul
RT: 12.469 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:142 Resp: 29326
Ion Ratio Lower Upper
142 100
141 95.0 73.2 109.8





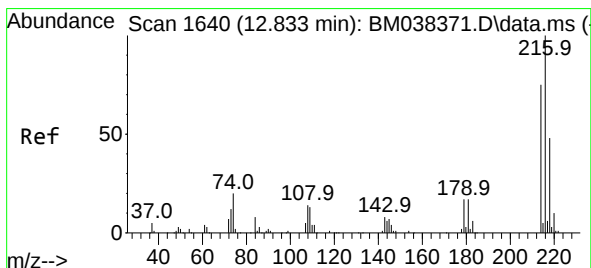
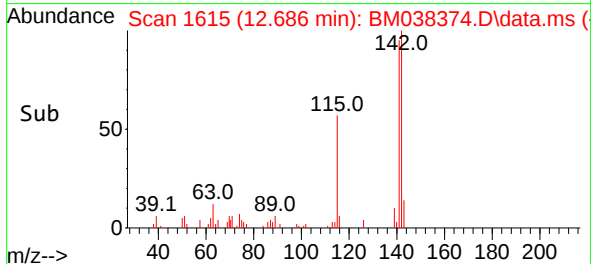
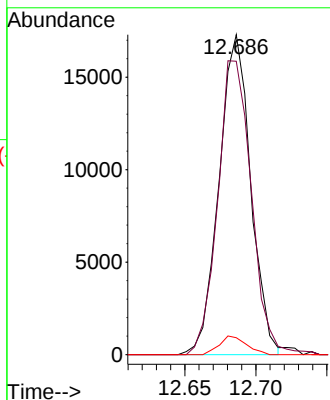
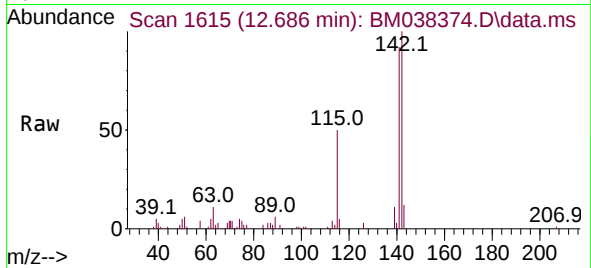
#37
1-Methylnaphthalene
Concen: 3.344 ng/ul
RT: 12.686 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:142 Resp: 26788
Ion Ratio Lower Upper
142 100
141 91.7 75.9 113.9
116 5.3 4.2 6.2

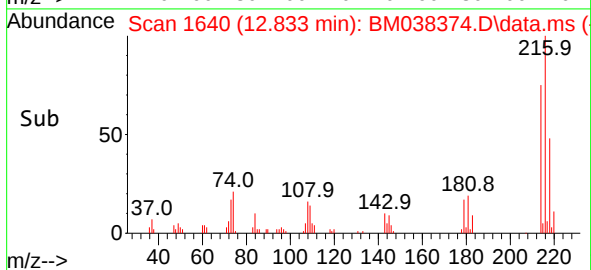
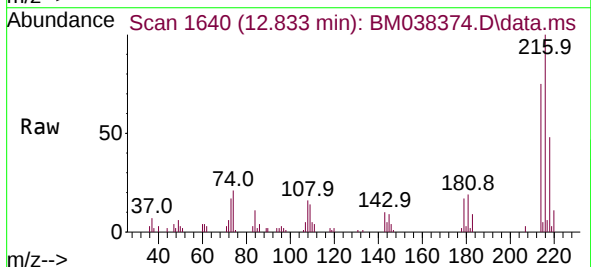
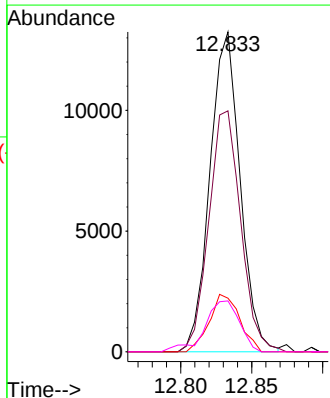
Manual Integrations
APPROVED

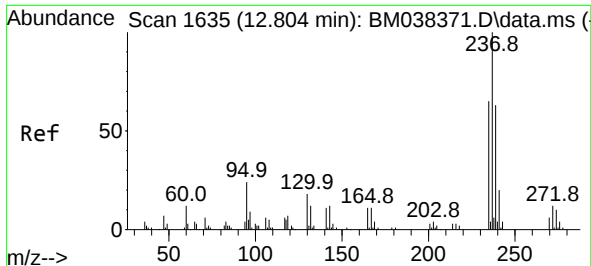
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#39
1,2,4,5-Tetrachlorobenzene
Concen: 3.953 ng/ul
RT: 12.833 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

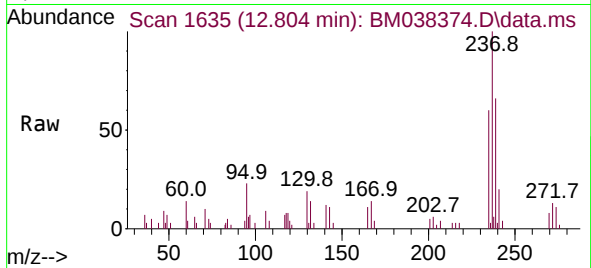
Tgt Ion:216 Resp: 19629
Ion Ratio Lower Upper
216 100
214 75.3 62.0 93.0
179 16.8 15.6 23.4
108 15.9 14.0 21.0





#40
Hexachlorocyclopentadiene
Concen: 3.182 ng/ul
RT: 12.804 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

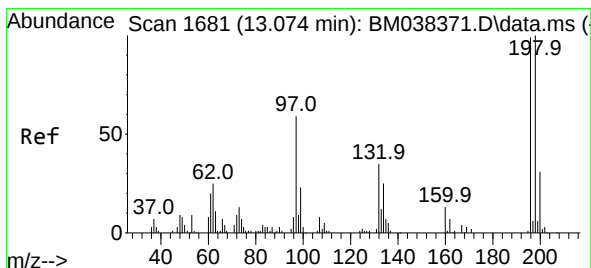
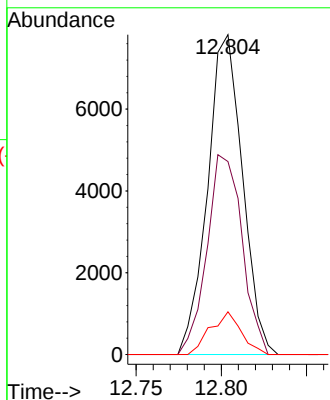
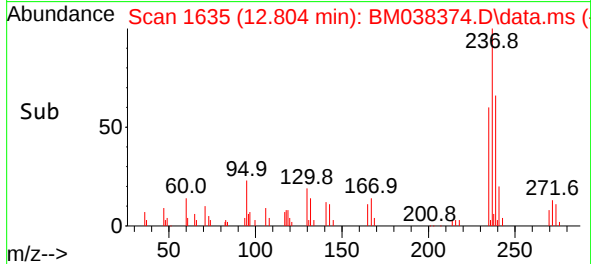
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



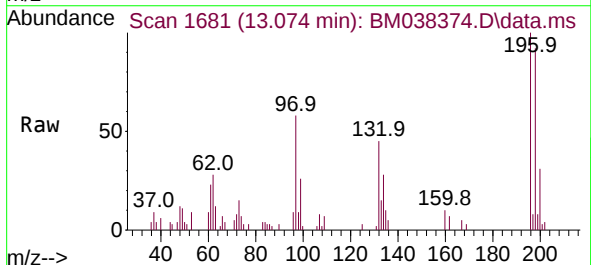
Tgt Ion:237 Resp: 11160
Ion Ratio Lower Upper
237 100
235 56.7 51.0 76.4
272 12.6 10.2 15.4

Manual Integrations
APPROVED

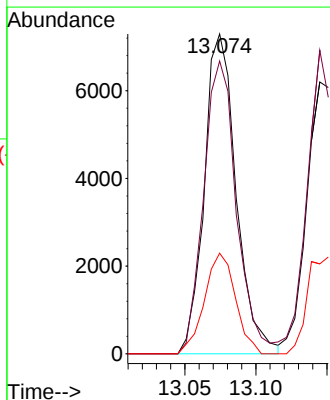
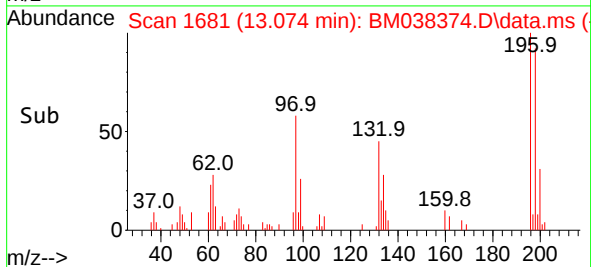
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

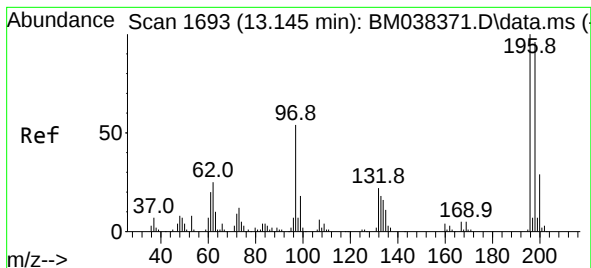


#41
2,4,6-Trichlorophenol
Concen: 3.701 ng/ul
RT: 13.074 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



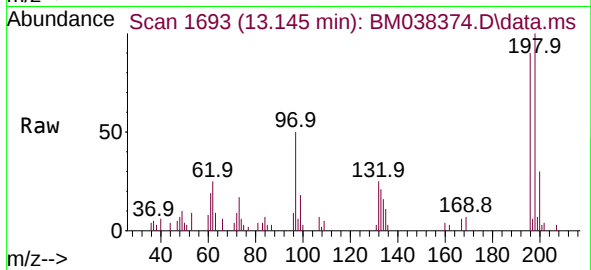
Tgt Ion:196 Resp: 11405
Ion Ratio Lower Upper
196 100
198 91.5 77.7 116.5
200 31.5 25.0 37.4





#42
2,4,5-Trichlorophenol
Concen: 3.512 ng/ul m
RT: 13.145 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

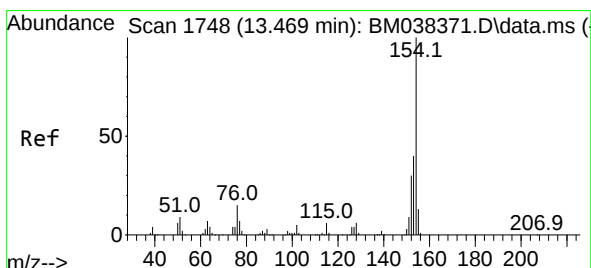
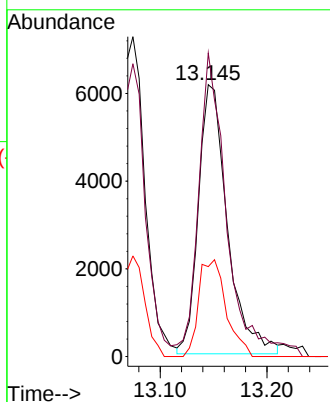
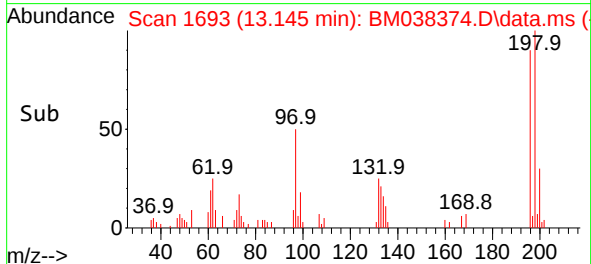
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



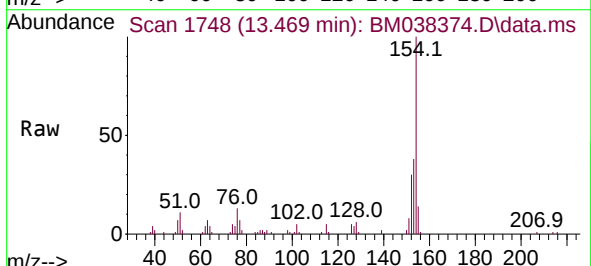
Tgt Ion:196 Resp: 1160
Ion Ratio Lower Upper
196 100
198 111.6 76.6 115.0
200 33.1 25.4 38.2

Manual Integrations
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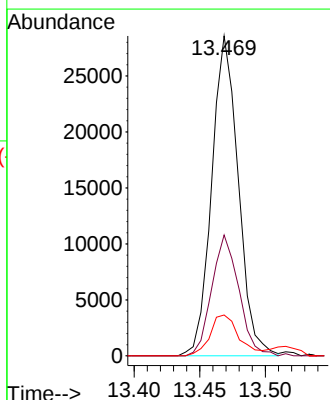
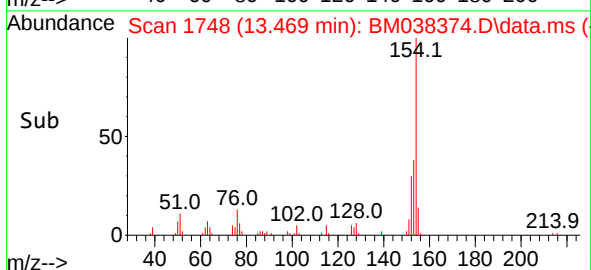
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

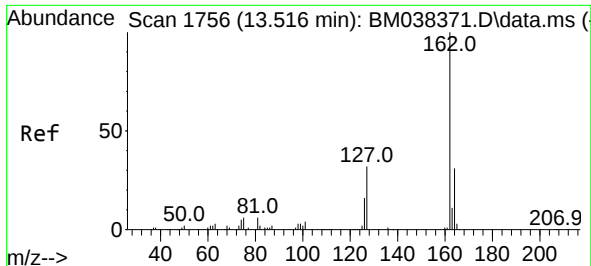


#43
1,1'-Biphenyl
Concen: 3.807 ng/ul
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



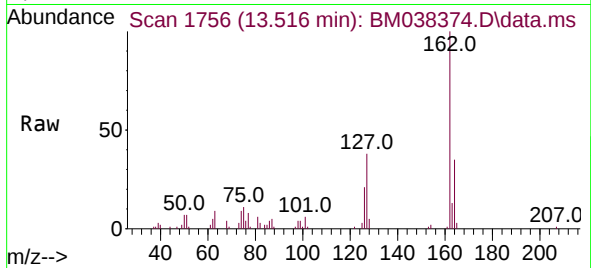
Tgt Ion:154 Resp: 40417
Ion Ratio Lower Upper
154 100
153 37.8 32.6 49.0
76 12.8 11.6 17.4





#44
2-Chloronaphthalene
Concen: 3.754 ng/ul
RT: 13.516 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

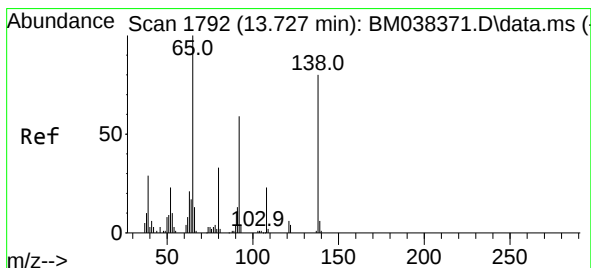
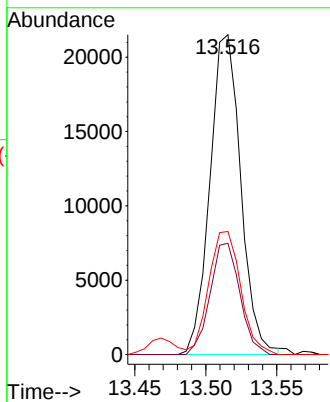
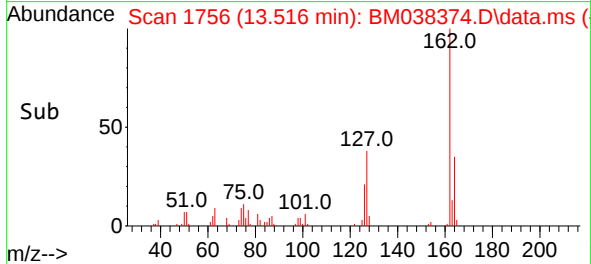
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:162 Resp: 32538
Ion Ratio Lower Upper
162 100
164 34.8 26.6 39.8
127 38.5 29.7 44.5

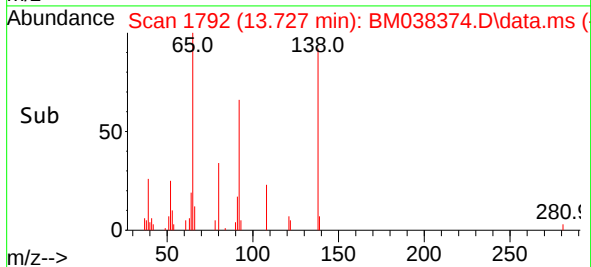
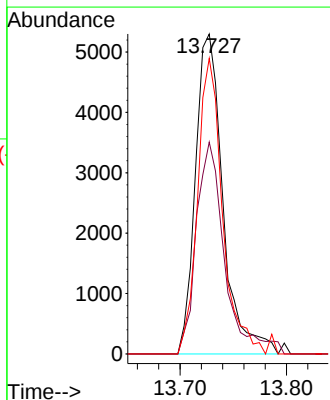
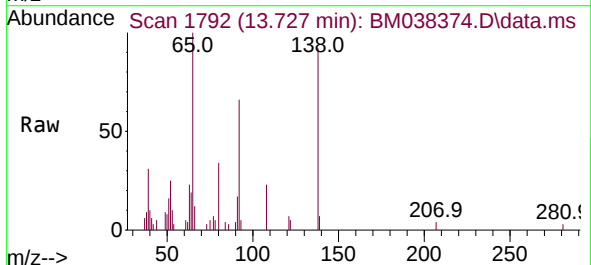
Manual Integrations
APPROVED

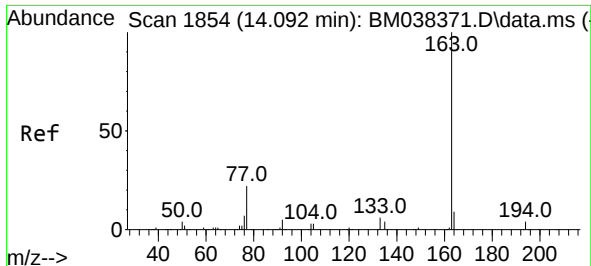
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#45
2-Nitroaniline
Concen: 3.278 ng/ul
RT: 13.727 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

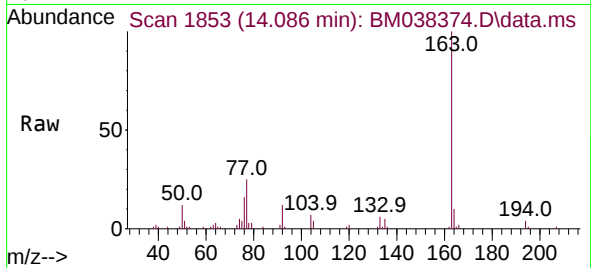
Tgt Ion: 65 Resp: 9504
Ion Ratio Lower Upper
65 100
92 66.2 47.6 71.4
138 92.3 64.6 96.8





#47
Dimethylphthalate
Concen: 3.910 ng/ul
RT: 14.086 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

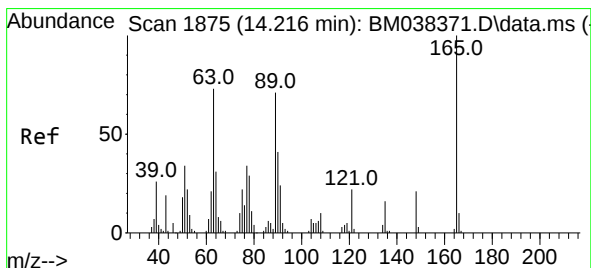
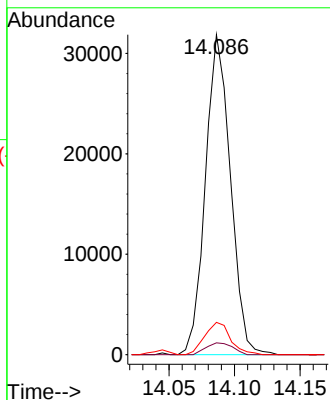
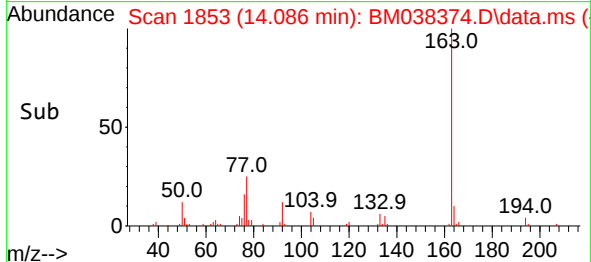
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:163 Resp: 42200
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.2 12.2

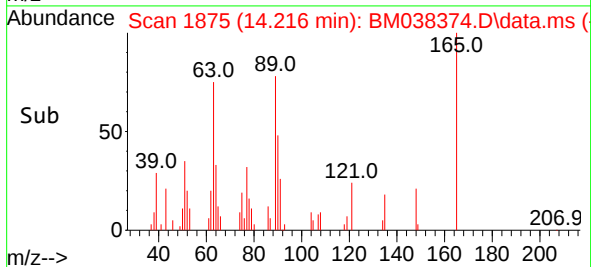
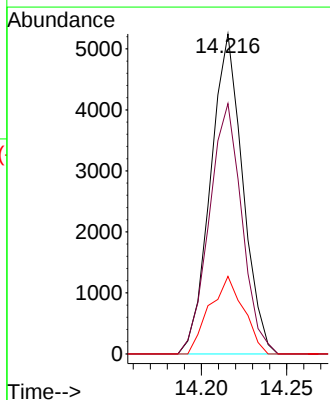
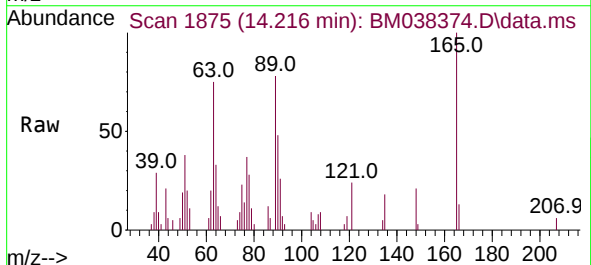
Manual Integrations
APPROVED

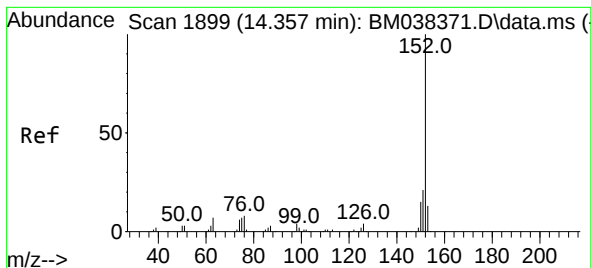
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#48
2,6-Dinitrotoluene
Concen: 3.354 ng/ul
RT: 14.216 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:165 Resp: 6893
Ion Ratio Lower Upper
165 100
89 78.3 66.2 99.2
121 24.2 18.9 28.3





#50

Acenaphthylene

Concen: 3.730 ng/ul

RT: 14.357 min Scan# 1899

Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Instrument :

BNA_M

ClientSampleId :

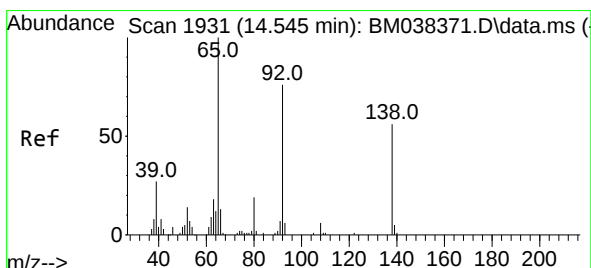
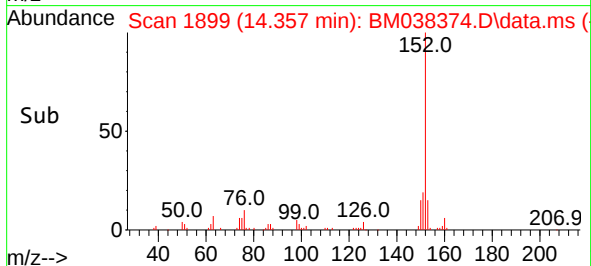
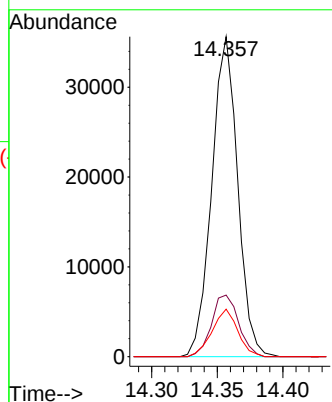
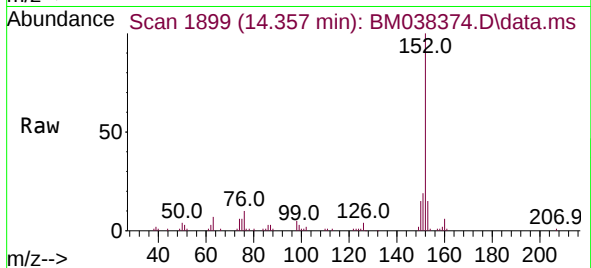
MDL-SOIL-QT4-2022-07

Tgt Ion:	152	Resp:	4904
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.0	24.0
153	14.8	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#51

3-Nitroaniline

Concen: 3.255 ng/ul

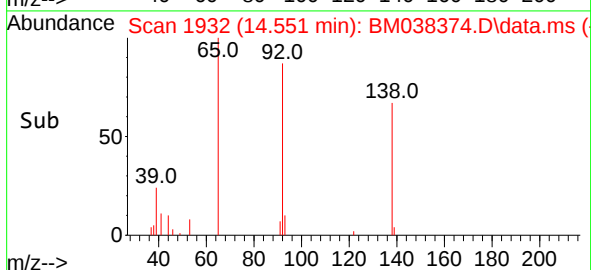
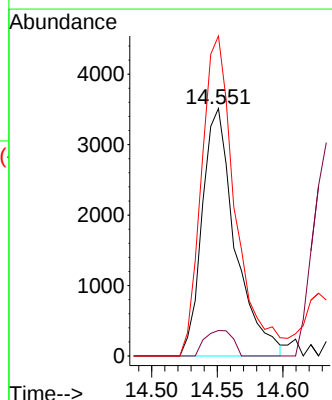
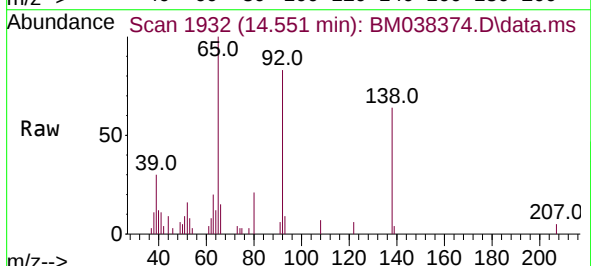
RT: 14.551 min Scan# 1932

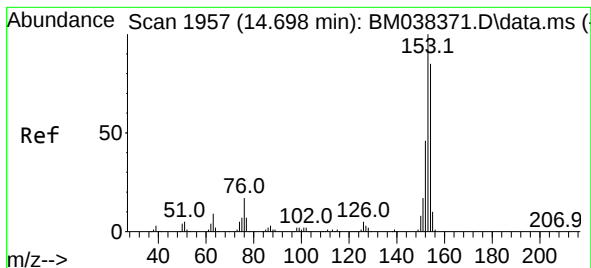
Delta R.T. 0.006 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

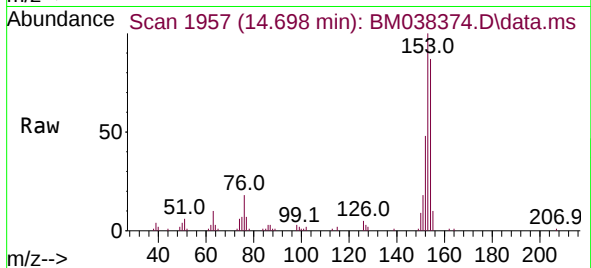
Tgt Ion:	138	Resp:	6160
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.6	12.8
92	129.3	111.4	167.2





#52
Acenaphthene
Concen: 3.879 ng/ul
RT: 14.698 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

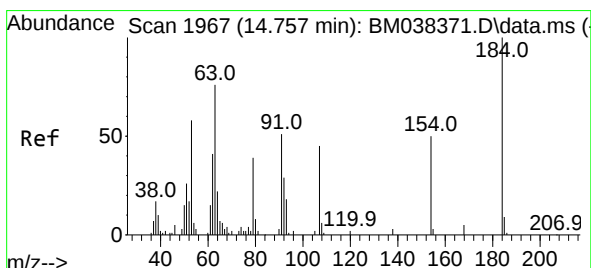
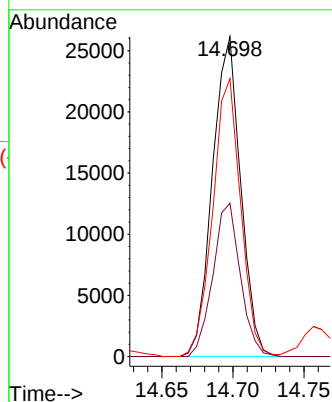
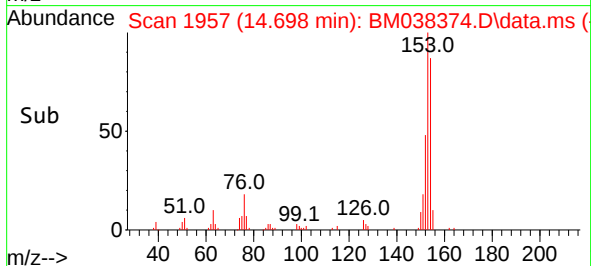
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



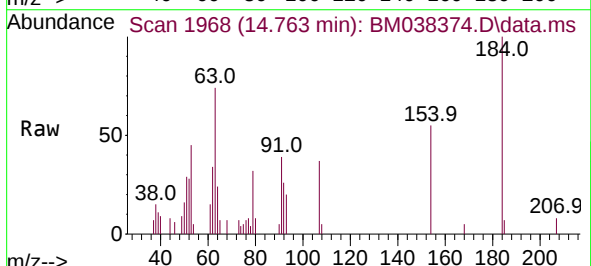
Tgt Ion:153 Resp: 36096
Ion Ratio Lower Upper
153 100
152 47.9 40.1 60.1
154 86.9 69.0 103.6

Manual Integrations
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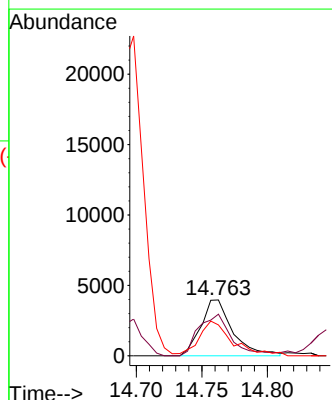
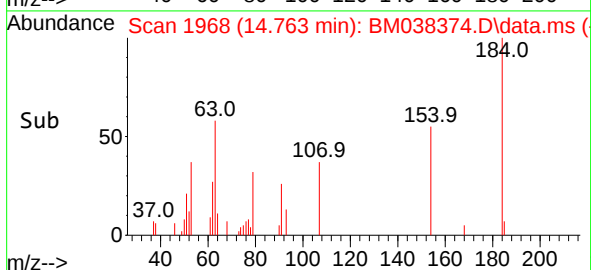
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

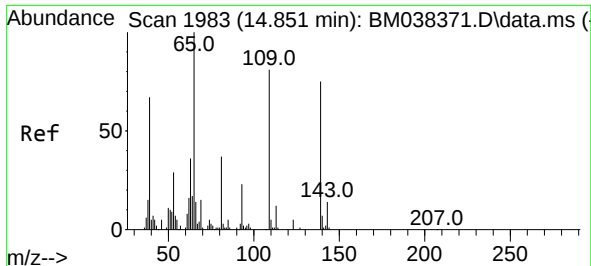


#53
2,4-Dinitrophenol
Concen: 4.376 ng/ul
RT: 14.763 min Scan# 1968
Delta R.T. 0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



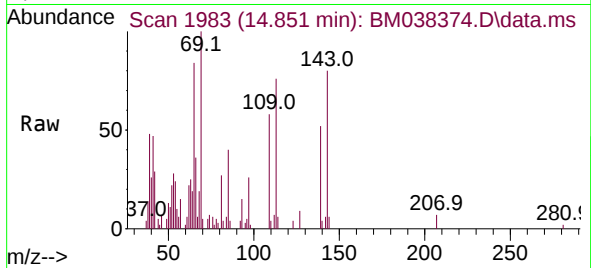
Tgt Ion:184 Resp: 6724
Ion Ratio Lower Upper
184 100
63 74.4 69.1 103.7
154 55.4 54.5 81.7





#55
4-Nitrophenol
Concen: 3.275 ng/ul
RT: 14.851 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

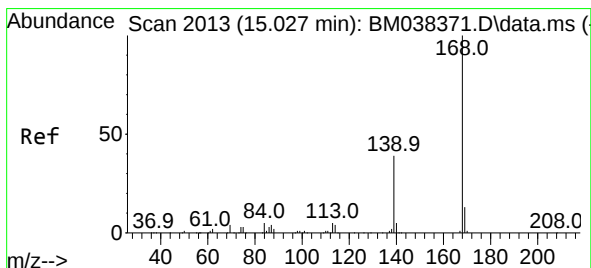
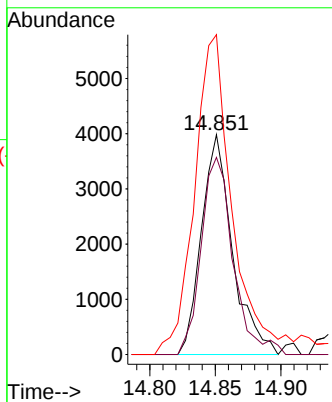
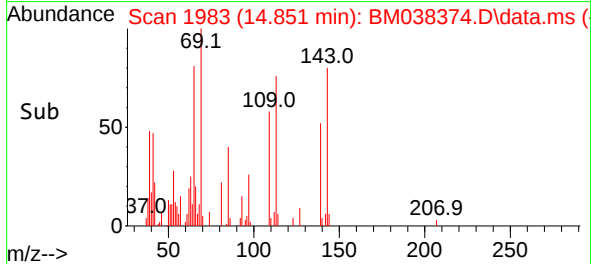
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



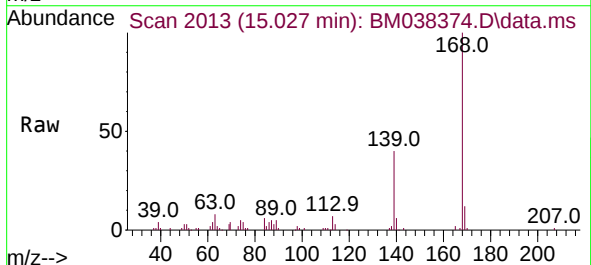
Tgt Ion:109 Resp: 6564
Ion Ratio Lower Upper
109 100
139 89.7 79.1 118.7
65 145.5 108.6 162.8

Manual Integrations
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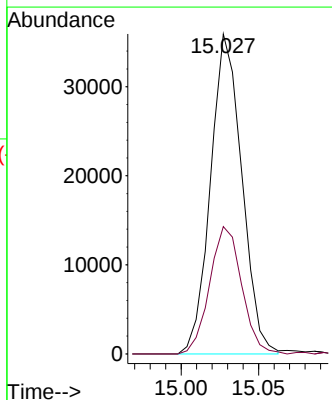
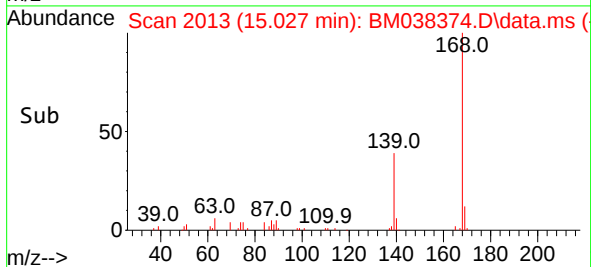
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

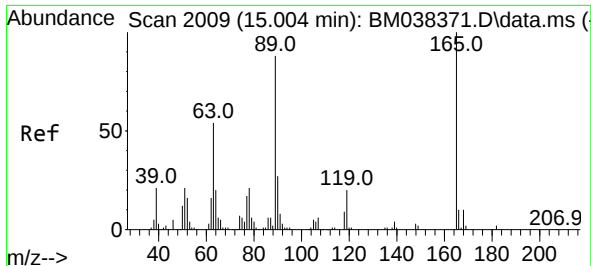


#56
Dibenzofuran
Concen: 3.818 ng/ul
RT: 15.027 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



Tgt Ion:168 Resp: 50492
Ion Ratio Lower Upper
168 100
139 39.8 30.5 45.7





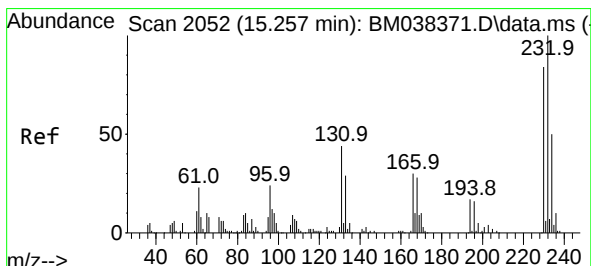
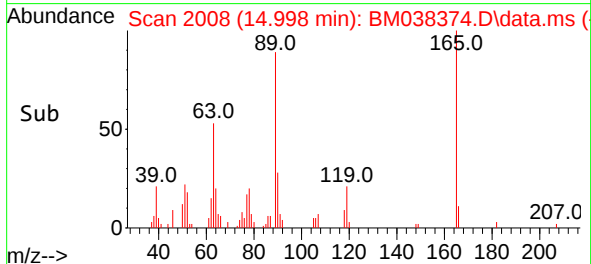
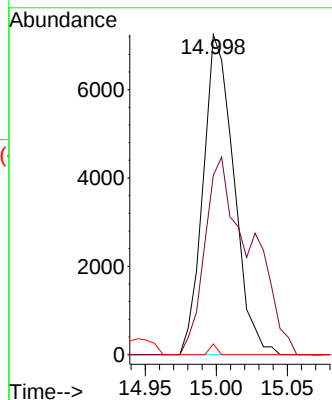
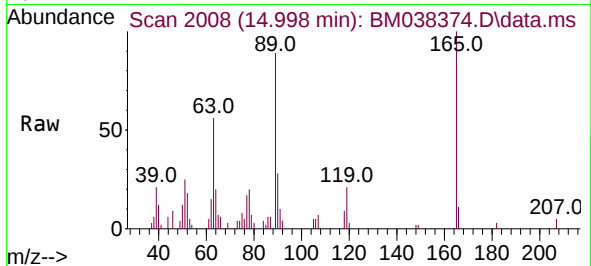
#57
2,4-Dinitrotoluene
Concen: 3.620 ng/ul
RT: 14.998 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07

Tgt Ion:165 Resp: 10883
Ion Ratio Lower Upper
165 100
63 56.1 46.9 70.3
182 3.3 1.3 1.9

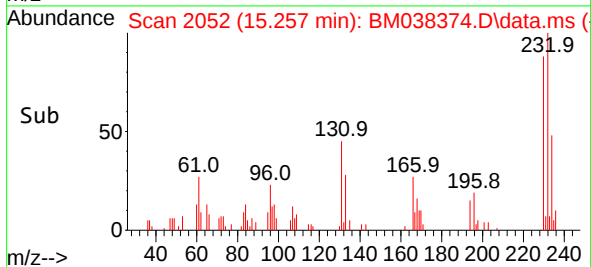
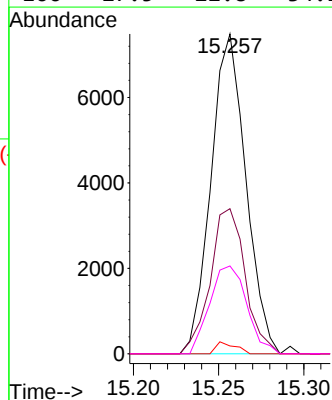
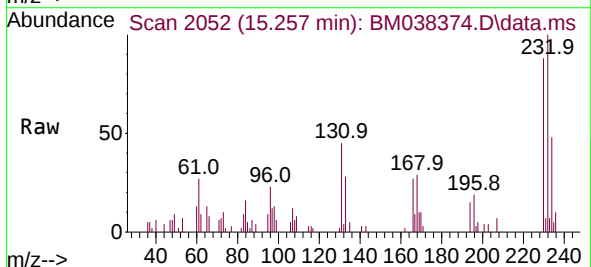
Manual Integrations
APPROVED

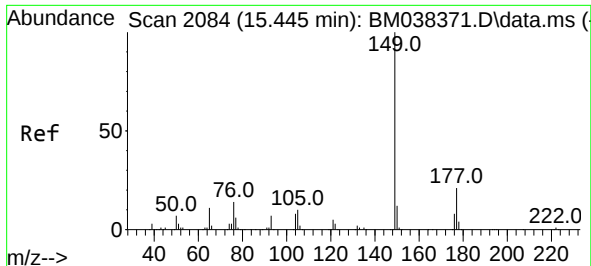
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.612 ng/ul
RT: 15.257 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:232 Resp: 10657
Ion Ratio Lower Upper
232 100
131 45.4 34.4 51.6
130 2.5 2.2 3.4
166 27.5 22.8 34.2





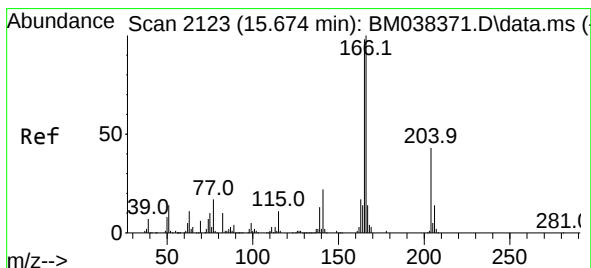
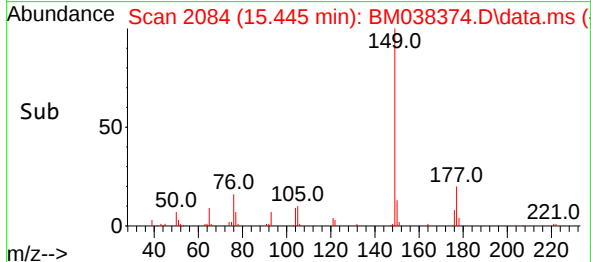
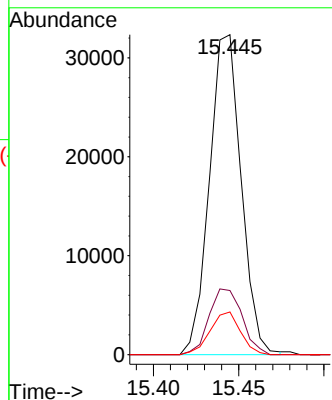
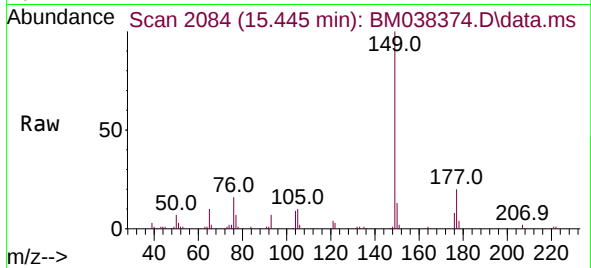
#59
Diethylphthalate
Concen: 3.744 ng/ul
RT: 15.445 min Scan# 2084
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2022-07

Tgt Ion:149 Resp: 4188
Ion Ratio Lower Upper
149 100
177 20.0 17.0 25.4
150 13.3 9.8 14.8

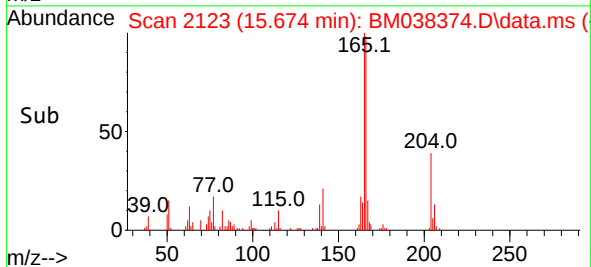
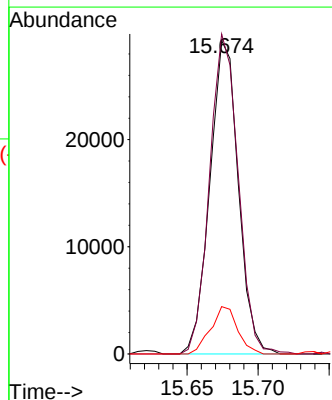
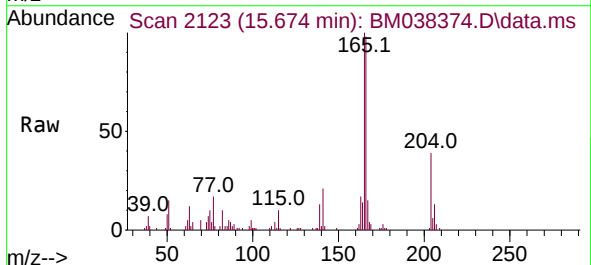
Manual Integrations
APPROVED

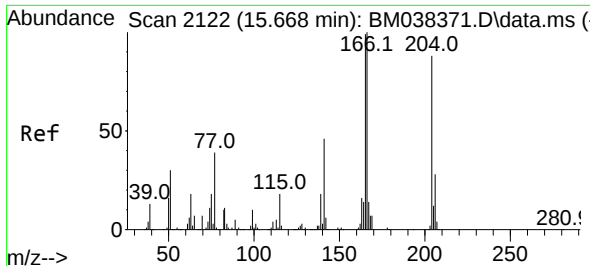
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#61
Fluorene
Concen: 3.591 ng/ul
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

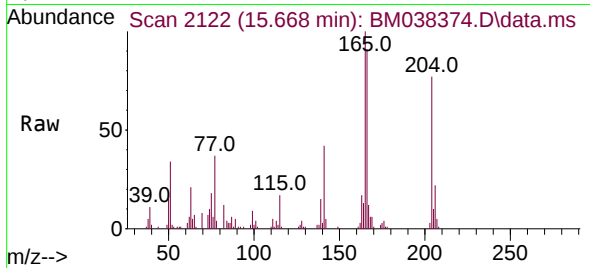
Tgt Ion:166 Resp: 40764
Ion Ratio Lower Upper
166 100
165 102.1 78.7 118.1
167 15.1 11.0 16.6





#62
4-Chlorophenyl-phenylether
Concen: 3.773 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

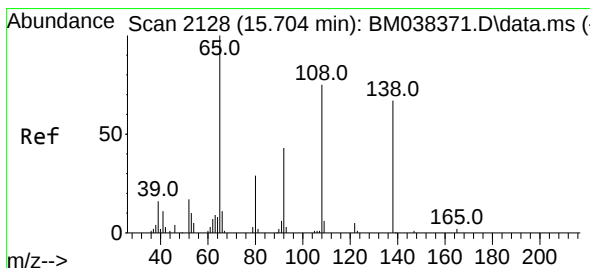
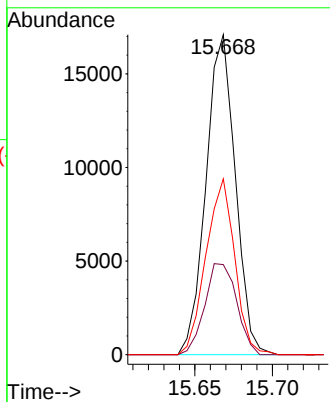
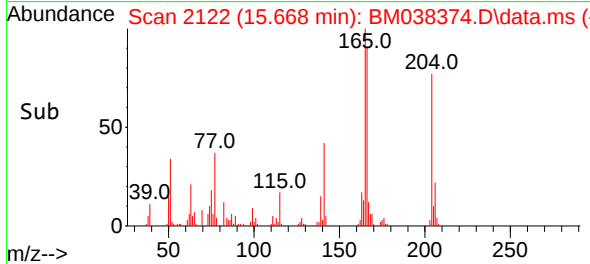
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:204 Resp: 22545
Ion Ratio Lower Upper
204 100
206 28.1 26.8 40.2
141 54.9 42.9 64.3

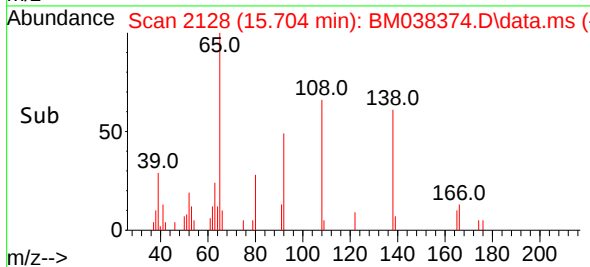
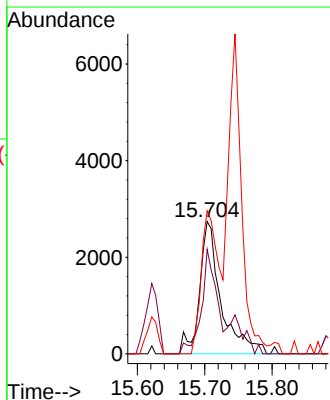
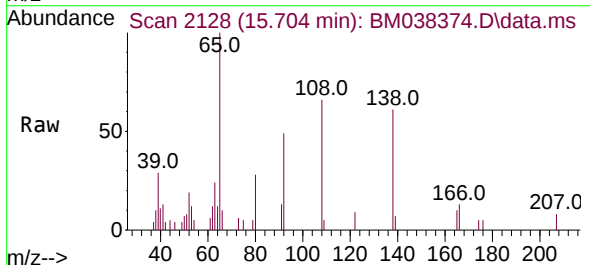
Manual Integrations
APPROVED

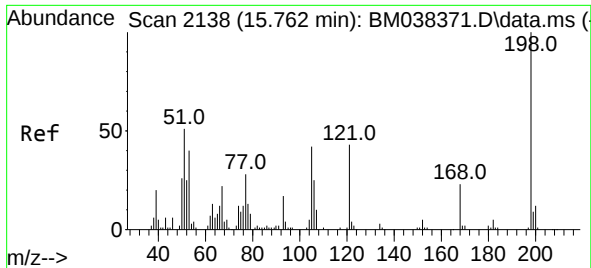
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#63
4-Nitroaniline
Concen: 3.393 ng/ul m
RT: 15.704 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

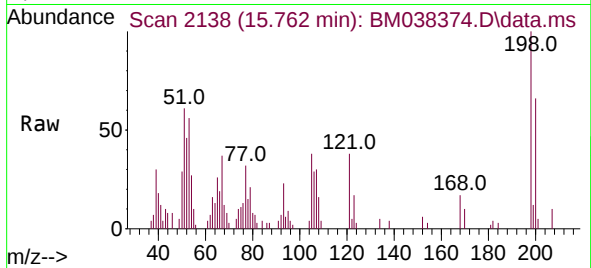
Tgt Ion:138 Resp: 6143
Ion Ratio Lower Upper
138 100
92 79.0 50.2 75.2#
108 108.1 89.3 133.9





#66
4,6-Dinitro-2-methylphenol
Concen: 4.152 ng/ul
RT: 15.762 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

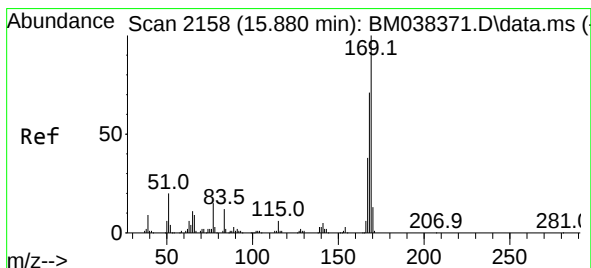
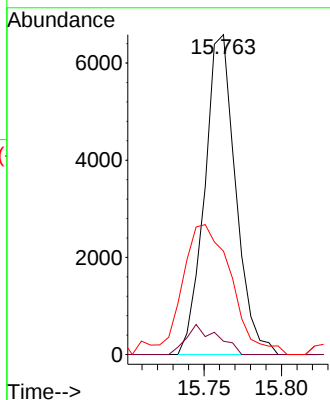
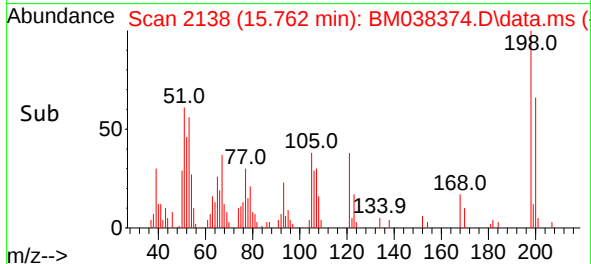
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



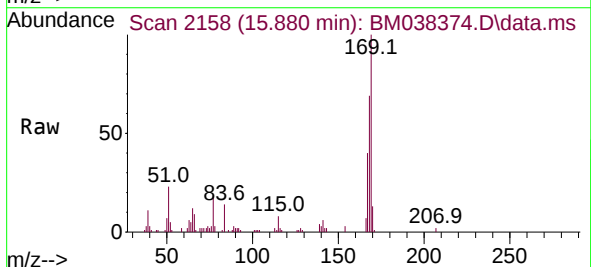
Tgt Ion:198 Resp: 9195
Ion Ratio Lower Upper
198 100
182 4.2 3.0 4.6
77 32.3 24.8 37.2

Manual Integrations
APPROVED

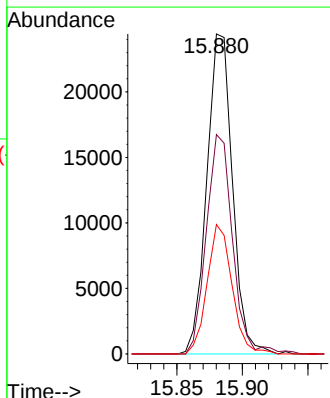
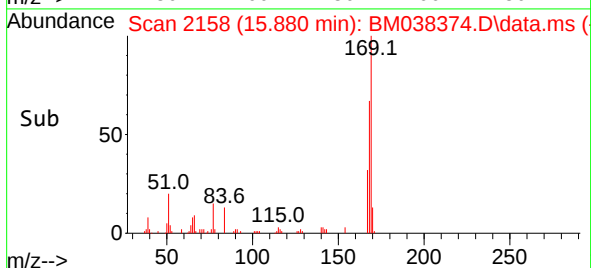
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

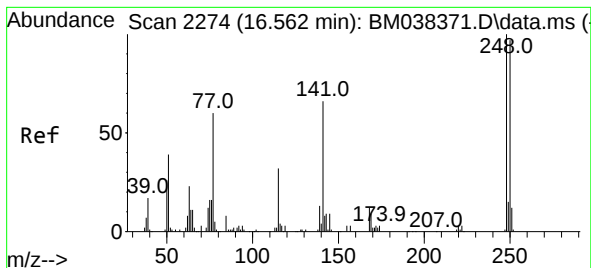


#67
N-Nitrosodiphenylamine
Concen: 3.658 ng/ul
RT: 15.880 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



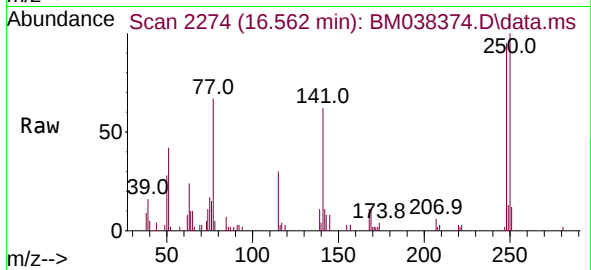
Tgt Ion:169 Resp: 33261
Ion Ratio Lower Upper
169 100
168 68.5 56.4 84.6
167 40.5 30.5 45.7





#68
4-Bromophenyl-phenylether
Concen: 3.843 ng/ul
RT: 16.562 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

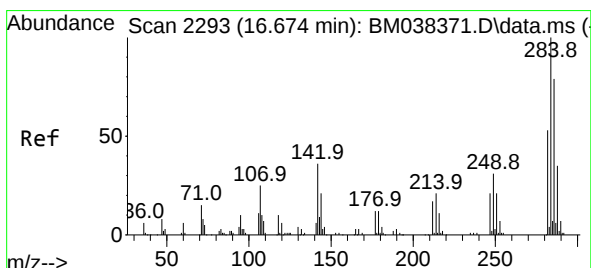
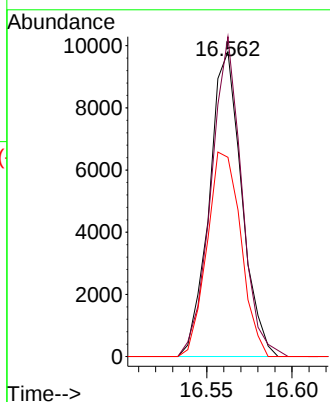
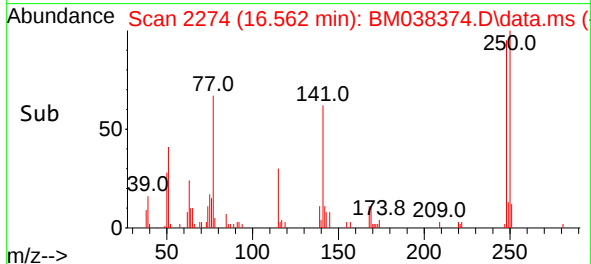
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



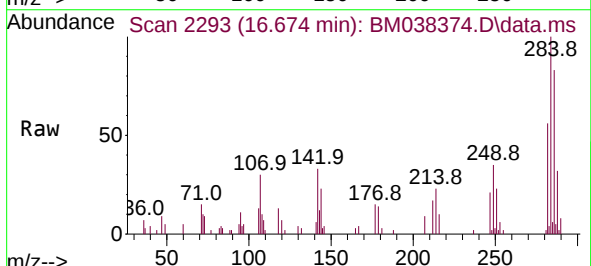
Tgt Ion:248 Resp: 12984
Ion Ratio Lower Upper
248 100
250 105.0 76.7 115.1
141 65.4 50.3 75.5

Manual Integrations
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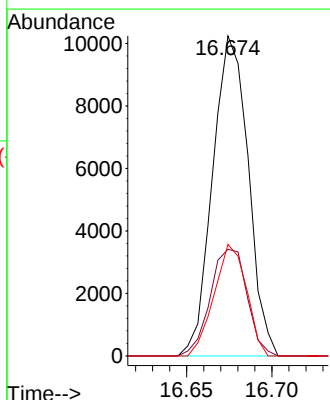
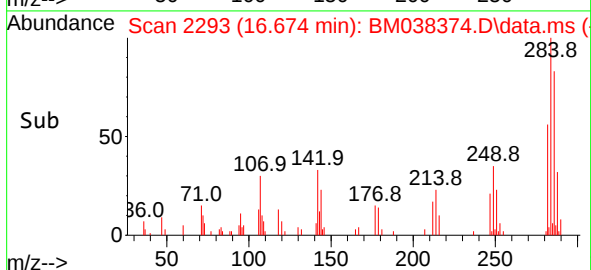
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

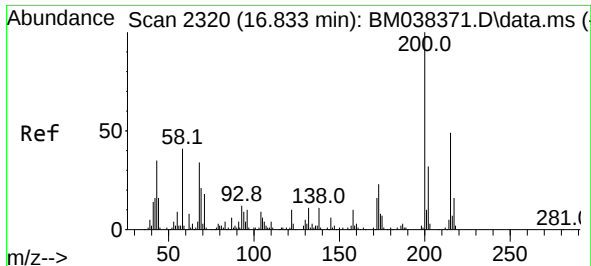


#69
Hexachlorobenzene
Concen: 3.816 ng/ul
RT: 16.674 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



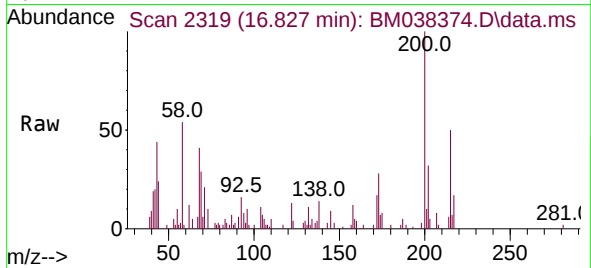
Tgt Ion:284 Resp: 14870
Ion Ratio Lower Upper
284 100
142 33.3 30.1 45.1
249 34.8 25.0 37.4





#70
Atrazine
Concen: 3.780 ng/ul
RT: 16.827 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

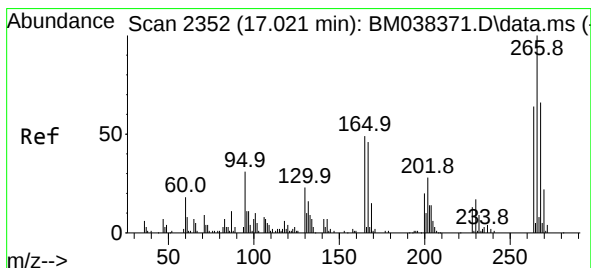
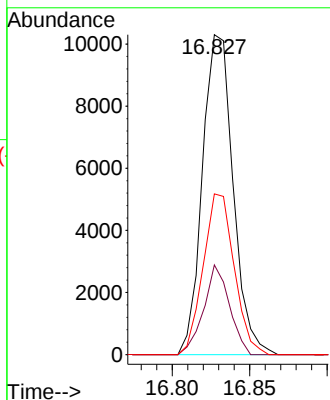
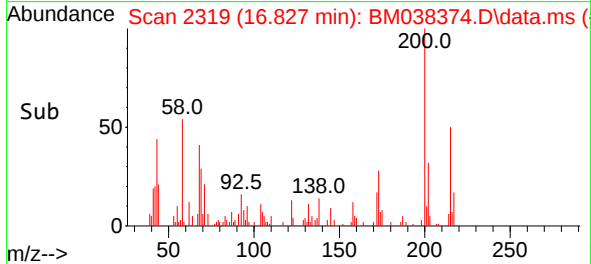
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:200 Resp: 14208
Ion Ratio Lower Upper
200 100
173 28.0 18.6 27.8
215 50.2 41.1 61.7

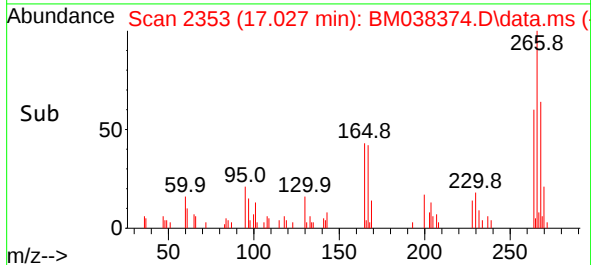
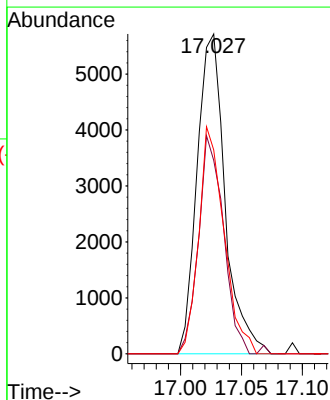
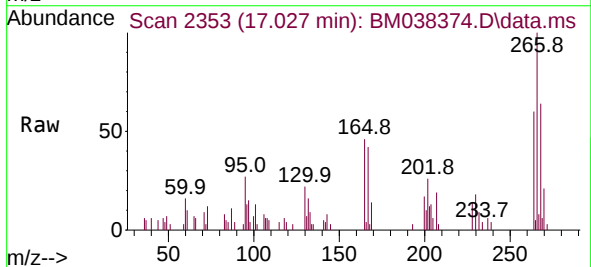
Manual Integrations
APPROVED

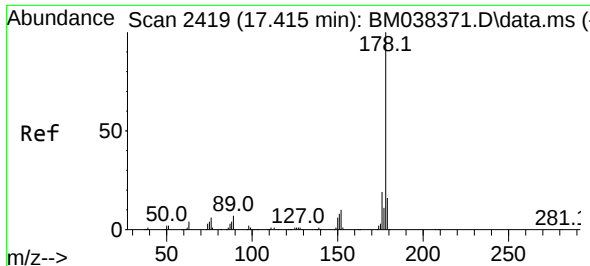
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#71
Pentachlorophenol
Concen: 3.561 ng/ul
RT: 17.027 min Scan# 2353
Delta R.T. 0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

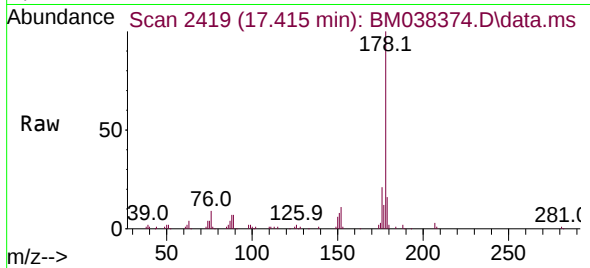
Tgt Ion:266 Resp: 9157
Ion Ratio Lower Upper
266 100
264 60.5 51.6 77.4
268 63.7 50.9 76.3





#72
Phenanthrene
Concen: 3.678 ng/ul
RT: 17.415 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

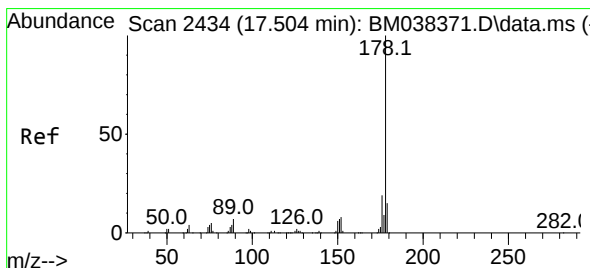
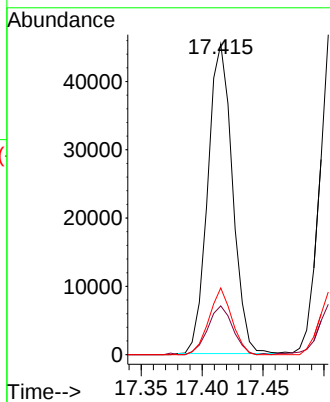
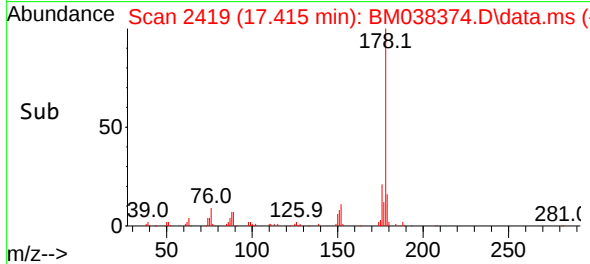
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT4-2022-07



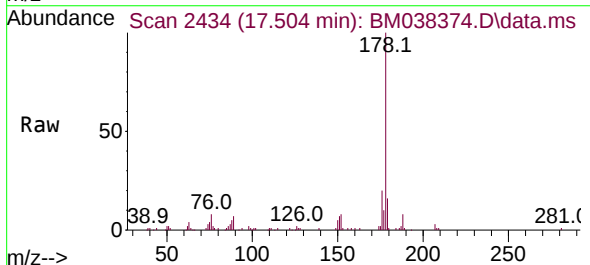
Tgt Ion:178 Resp: 63992
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 21.5 15.4 23.2

Manual Integrations
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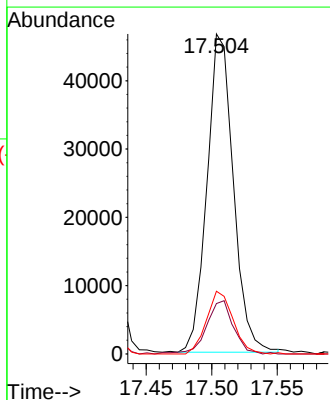
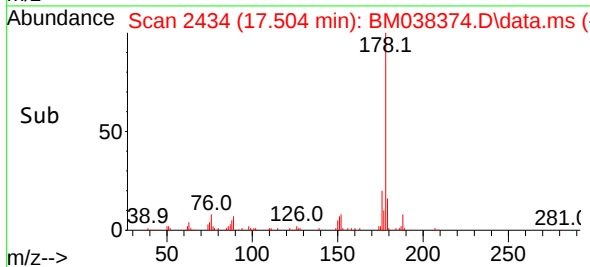
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

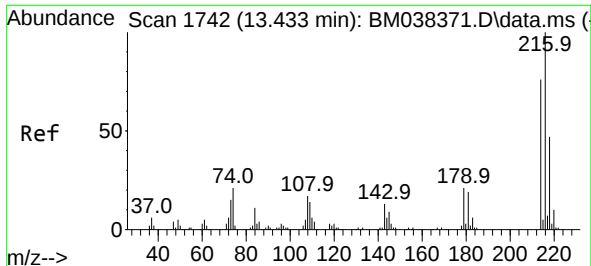


#74
Anthracene
Concen: 3.652 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



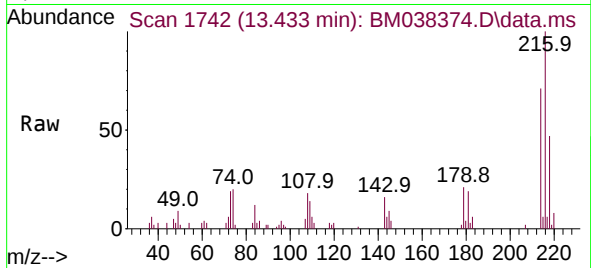
Tgt Ion:178 Resp: 65340
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.4
176 19.6 15.5 23.3





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.767 ng/uL
RT: 13.433 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

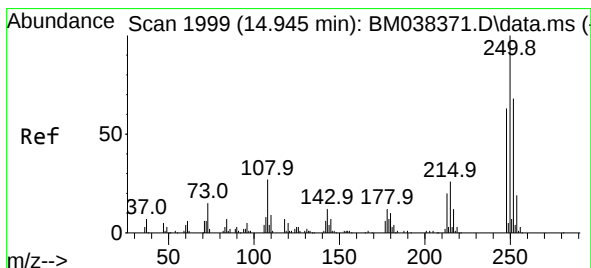
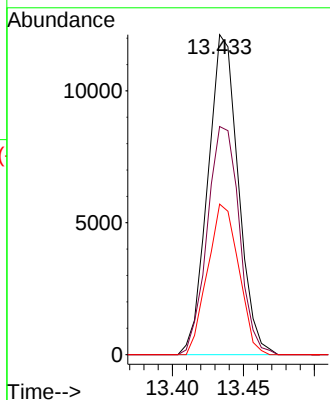
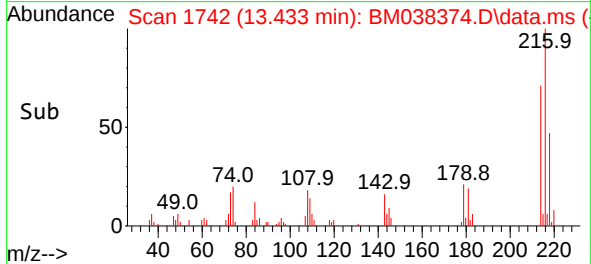
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



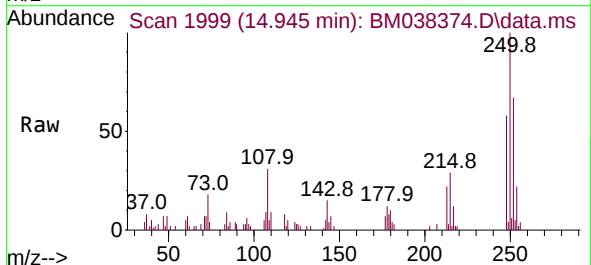
Tgt Ion:216 Resp: 18130
Ion Ratio Lower Upper
216 100
214 71.3 60.2 90.4
218 47.0 38.2 57.4

Manual Integrations
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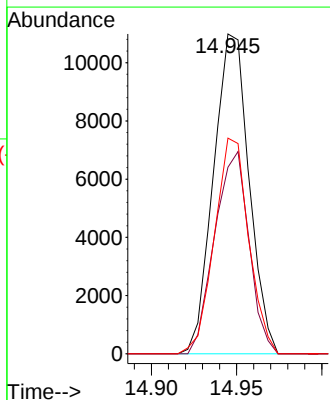
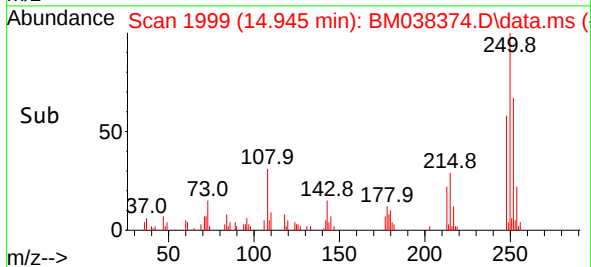
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

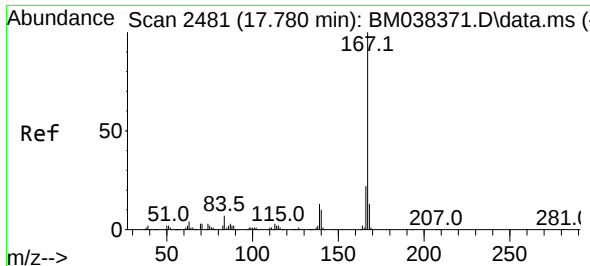


#76
Pentachlorobenzene
Concen: 3.440 ng/uL
RT: 14.945 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



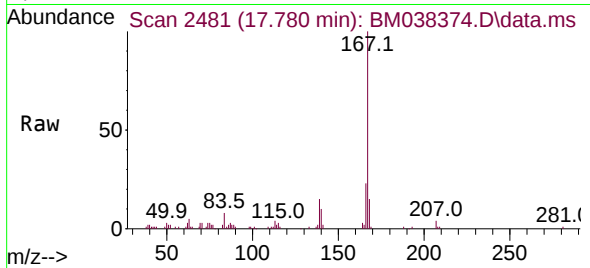
Tgt Ion:250 Resp: 15956
Ion Ratio Lower Upper
250 100
248 58.3 50.3 75.5
252 67.4 53.2 79.8





#77
 Carbazole
 Concen: 3.207 ng/ul
 RT: 17.780 min Scan# 2481
 Delta R.T. -0.000 min
 Lab File: BM038374.D
 Acq: 05 Jan 2023 11:35

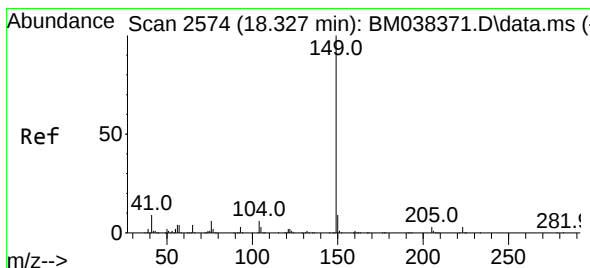
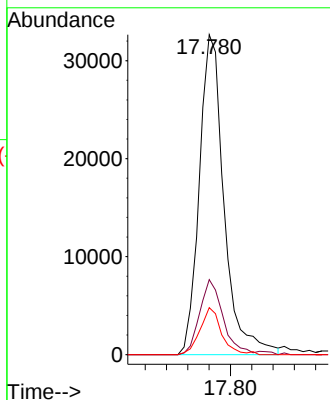
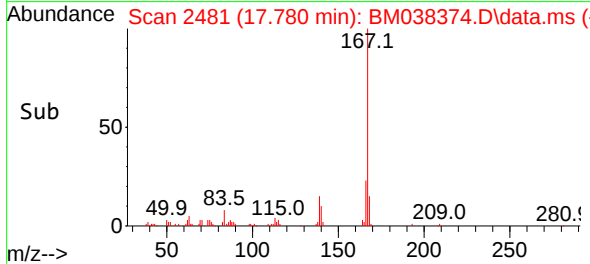
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT4-2022-07



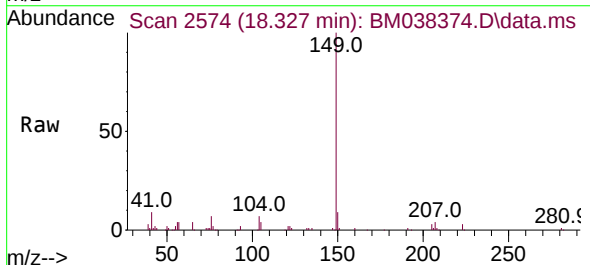
Tgt Ion:167 Resp: 52619
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.8 26.8
 139 14.7 10.2 15.2

Manual Integrations
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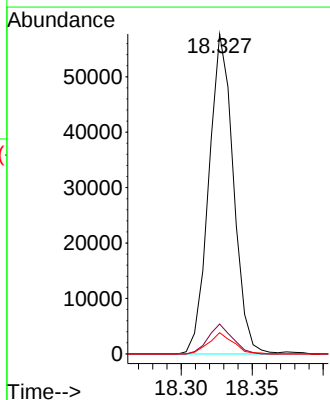
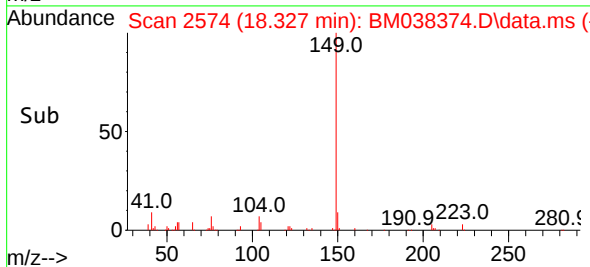
Reviewed By :Jagrut Upadhyay 01/06/2023
 Supervised By :mohammad ahmed 01/06/2023

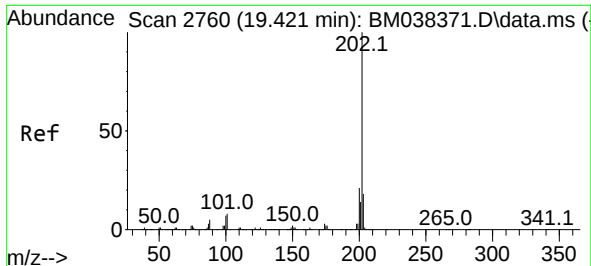


#78
 Di-n-butylphthalate
 Concen: 3.553 ng/ul
 RT: 18.327 min Scan# 2574
 Delta R.T. -0.000 min
 Lab File: BM038374.D
 Acq: 05 Jan 2023 11:35



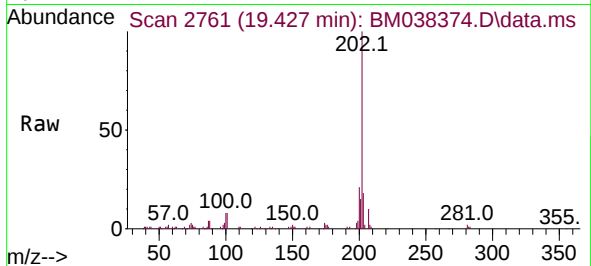
Tgt Ion:149 Resp: 69636
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 6.6 4.8 7.2





#80
Fluoranthene
Concen: 3.692 ng/ul
RT: 19.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

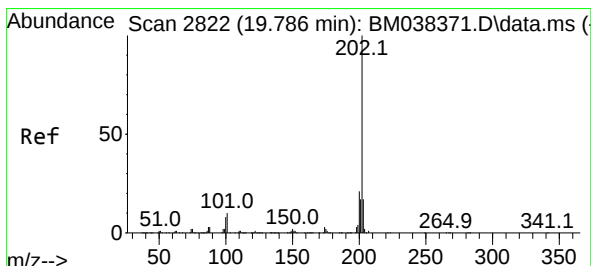
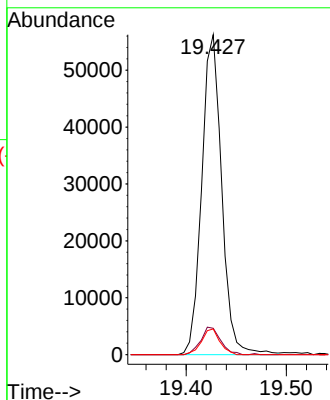
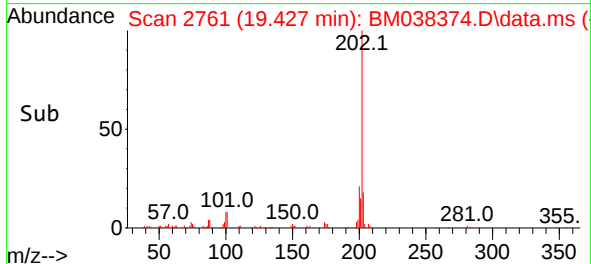
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:202 Resp: 7747
Ion Ratio Lower Upper
202 100
101 8.2 7.0 10.6
100 8.0 5.8 8.8

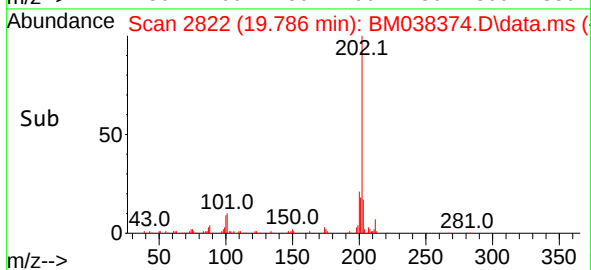
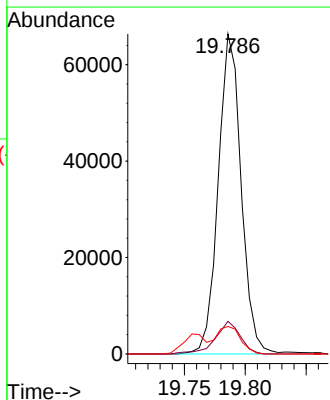
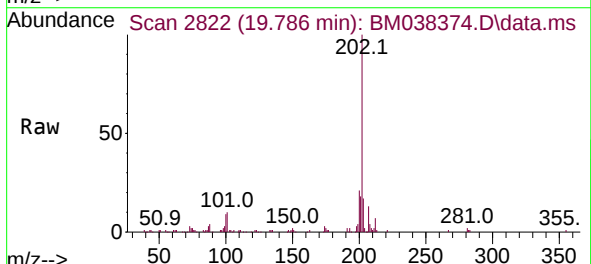
Manual Integrations
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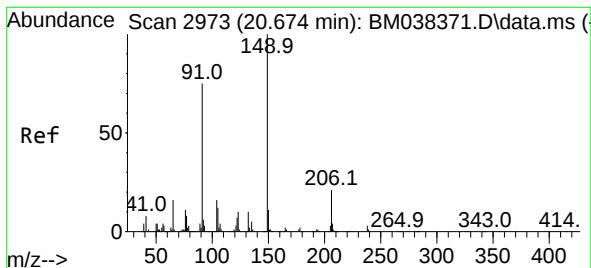
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#82
Pyrene
Concen: 3.782 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:202 Resp: 86489
Ion Ratio Lower Upper
202 100
101 10.2 8.6 13.0
100 8.6 7.4 11.0





#83

Butylbenzylphthalate

Concen: 3.702 ng/ul

RT: 20.674 min Scan# 2973

Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Instrument :

BNA_M

ClientSampleId :

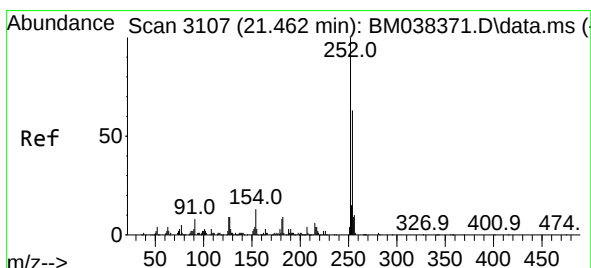
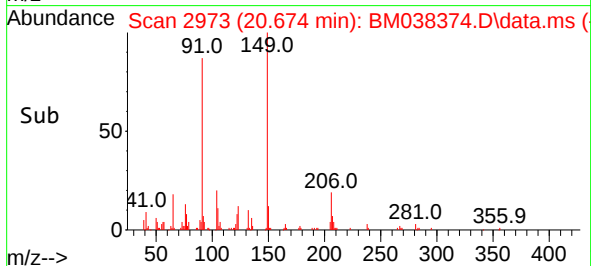
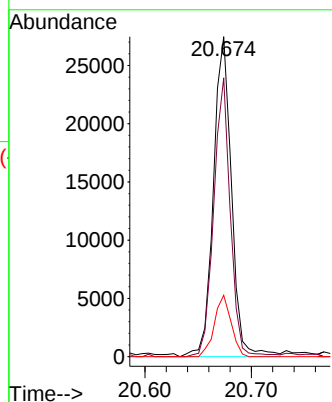
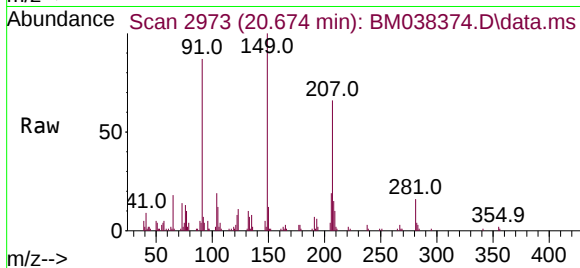
MDL-SOIL-QT4-2022-07

Tgt Ion:	149	Resp:	32469
Ion Ratio	Lower	Upper	
149	100		
91	87.1	65.0	97.6
206	19.2	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#84

3,3'-Dichlorobenzidine

Concen: 3.408 ng/ul

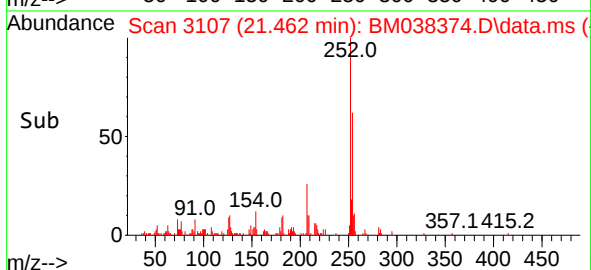
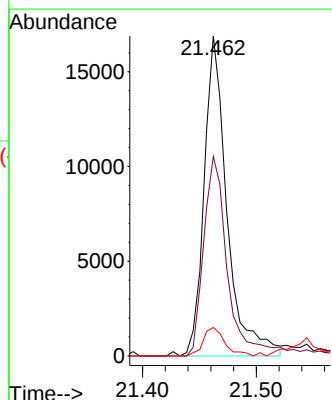
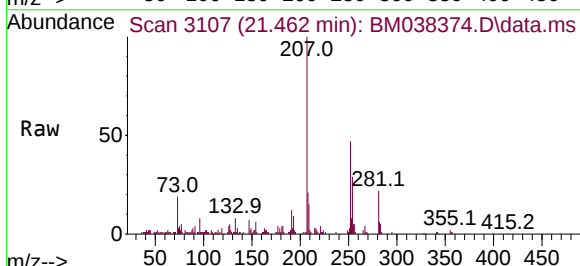
RT: 21.462 min Scan# 3107

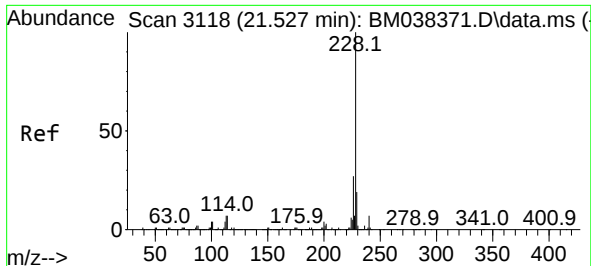
Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

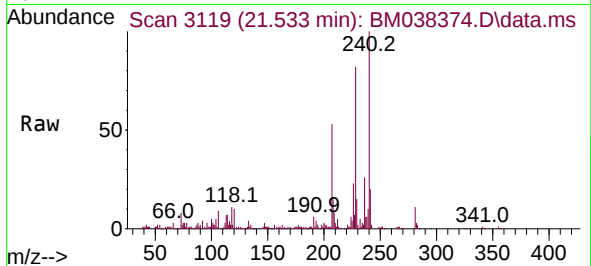
Tgt Ion:	252	Resp:	23695
Ion Ratio	Lower	Upper	
252	100		
254	62.3	52.1	78.1
126	8.9	6.4	9.6





#85
Benzo(a)anthracene
Concen: 3.709 ng/ul
RT: 21.533 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

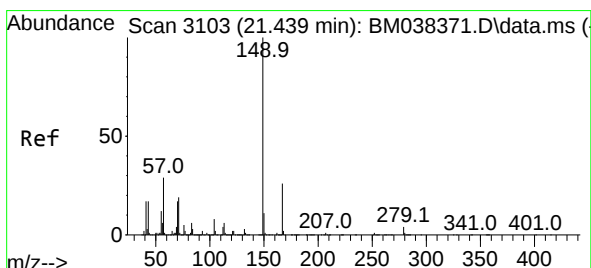
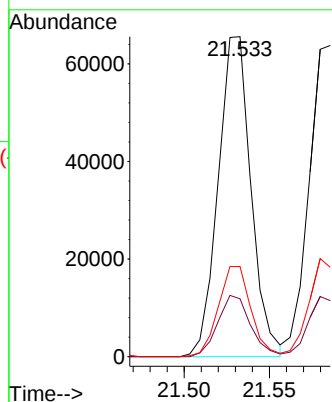
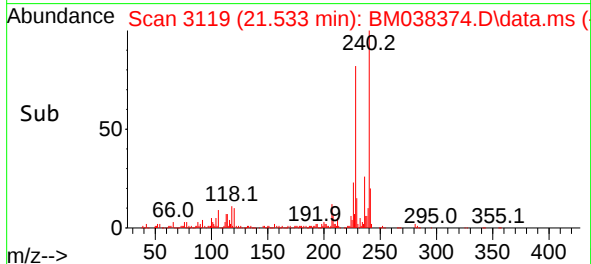
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



Tgt Ion:228 Resp: 88018
Ion Ratio Lower Upper
228 100
229 18.1 15.6 23.4
226 28.2 21.1 31.7

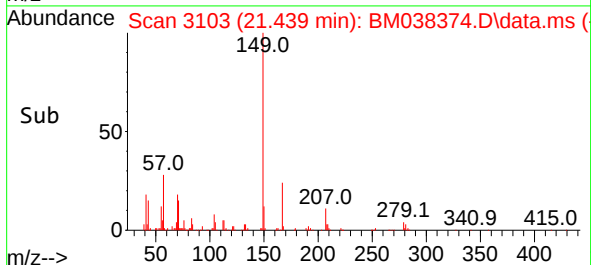
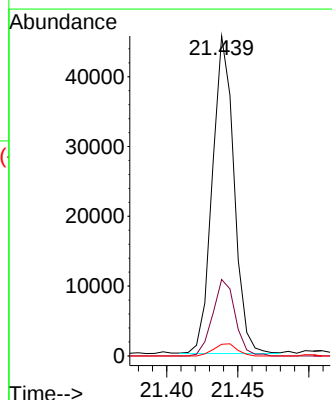
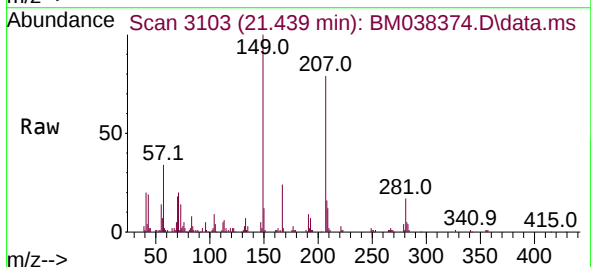
Manual Integrations
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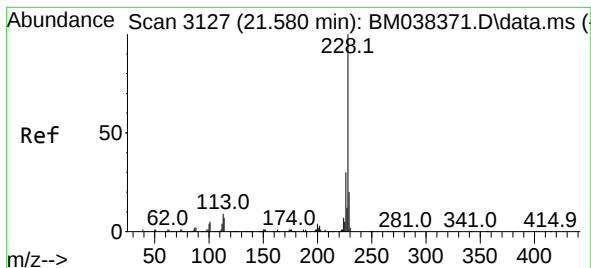
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#86
Bis(2-ethylhexyl)phthalate
Concen: 3.567 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

Tgt Ion:149 Resp: 48284
Ion Ratio Lower Upper
149 100
167 23.9 19.7 29.5
279 3.6 2.8 4.2





#87

Chrysene

Concen: 3.915 ng/ul

RT: 21.586 min Scan# 3127

Delta R.T. 0.006 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT4-2022-07

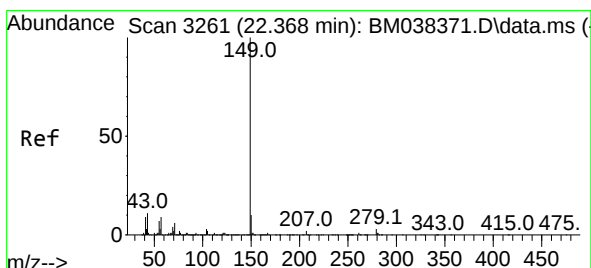
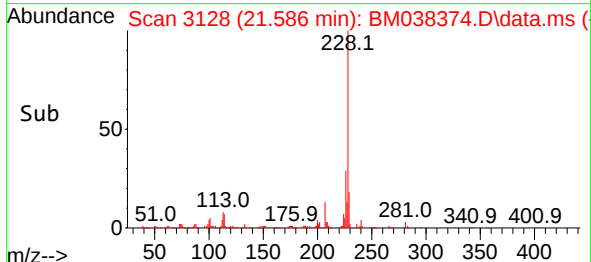
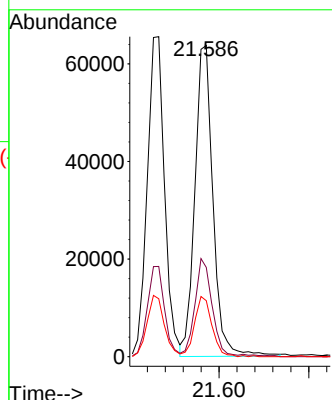
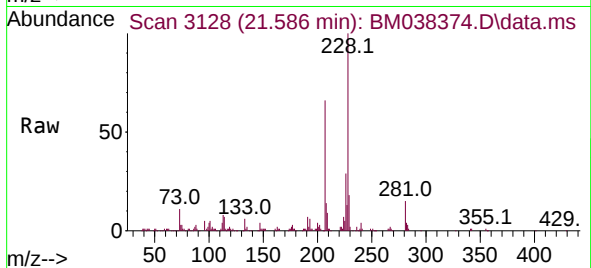
Tgt Ion:228 Resp: 89253

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.0	36.0
229	18.0	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#89

Di-n-octyl phthalate

Concen: 3.013 ng/ul

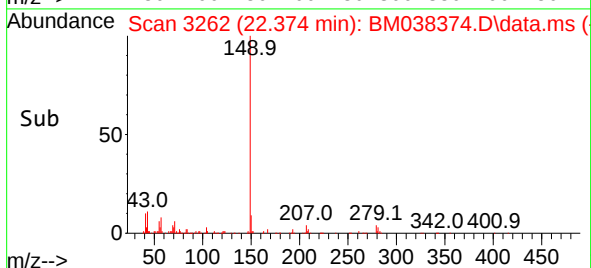
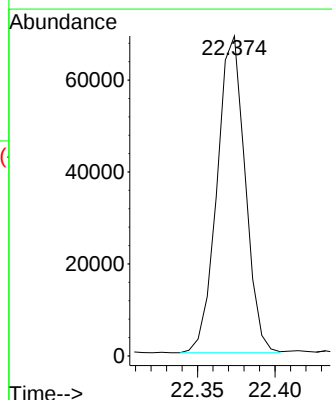
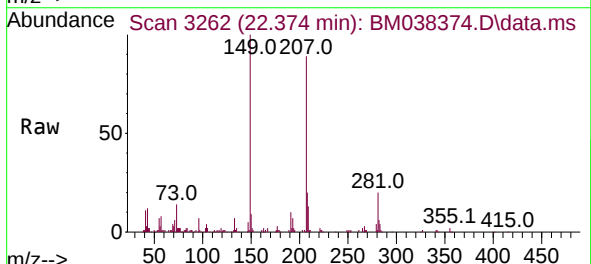
RT: 22.374 min Scan# 3262

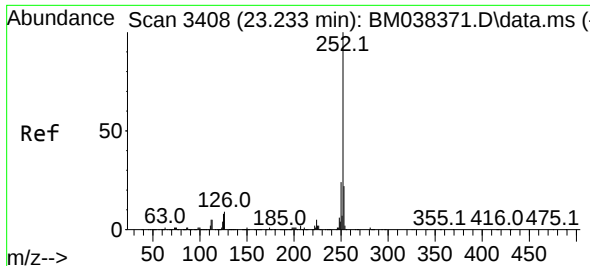
Delta R.T. 0.006 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

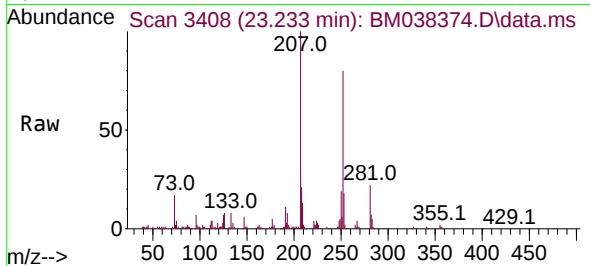
Tgt Ion:149 Resp: 87106





#90
Benzo(b)fluoranthene
Concen: 3.704 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35

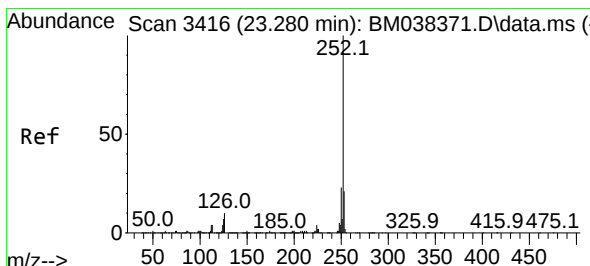
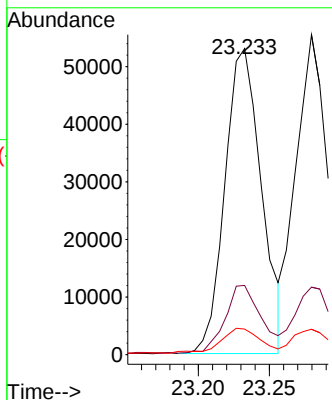
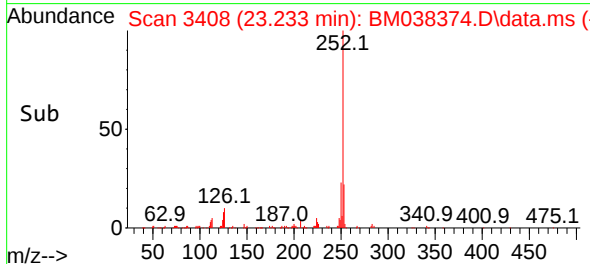
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT4-2022-07



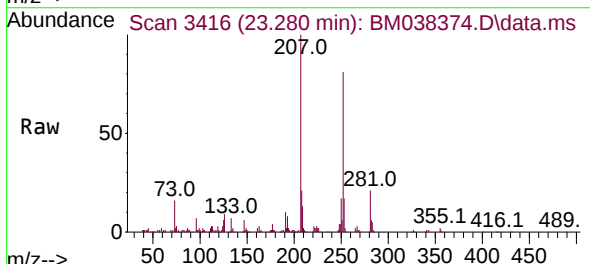
Tgt Ion:252 Resp: 94689
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 8.4 6.6 10.0

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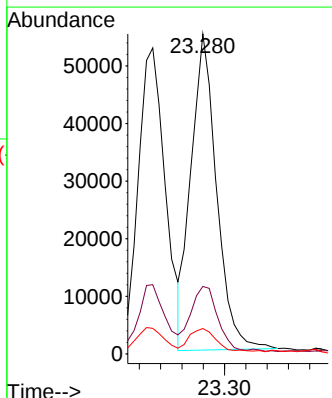
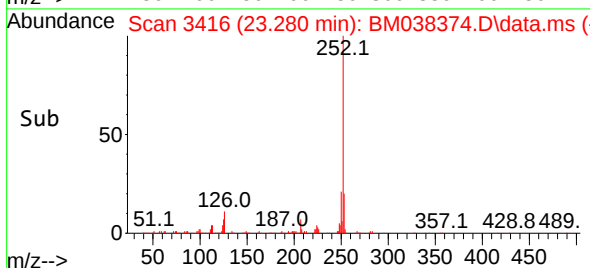
Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023

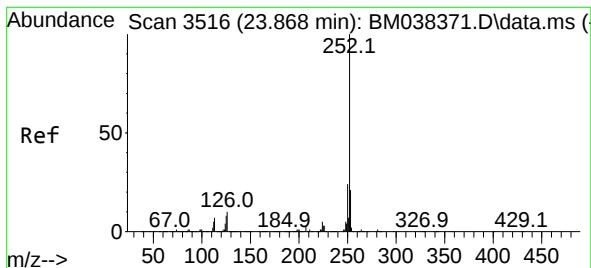


#91
Benzo(k)fluoranthene
Concen: 3.564 ng/ul
RT: 23.280 min Scan# 3416
Delta R.T. -0.000 min
Lab File: BM038374.D
Acq: 05 Jan 2023 11:35



Tgt Ion:252 Resp: 91504
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 7.9 6.3 9.5





#93

Benzo(a)pyrene

Concen: 3.843 ng/ul

RT: 23.868 min Scan# 3516

Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Instrument :

BNA_M

ClientSampleId :

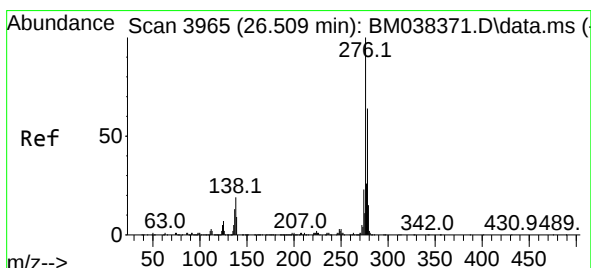
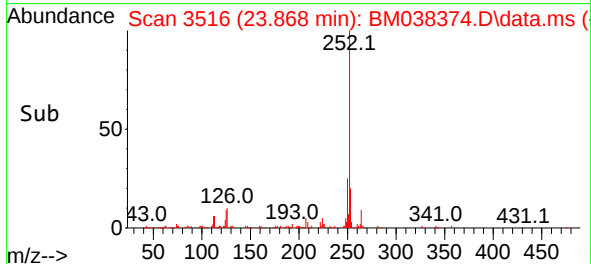
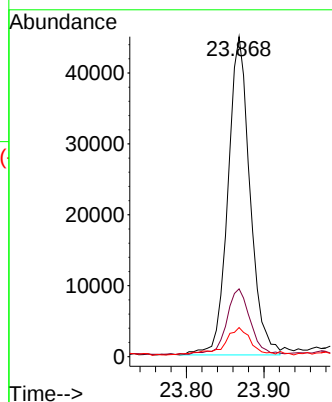
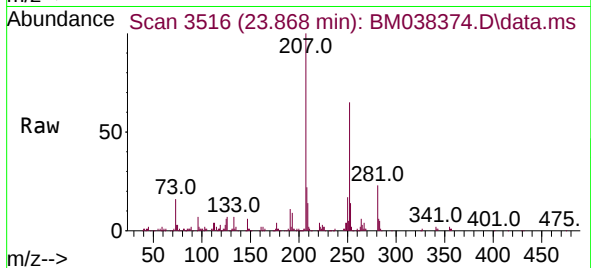
MDL-SOIL-QT4-2022-07

Tgt Ion:	252	Resp:	8892
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.7	26.5
125	9.1	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.734 ng/ul

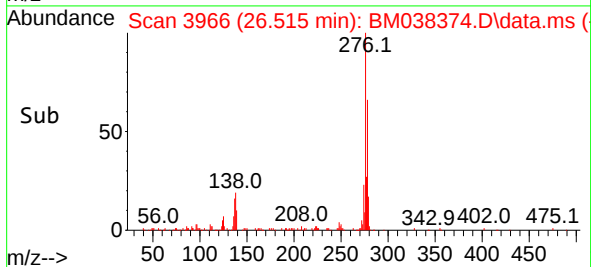
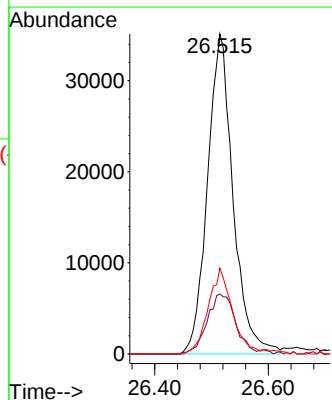
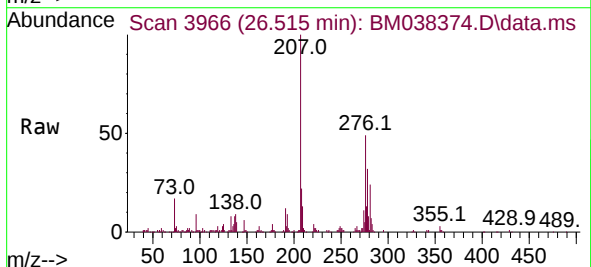
RT: 26.515 min Scan# 3966

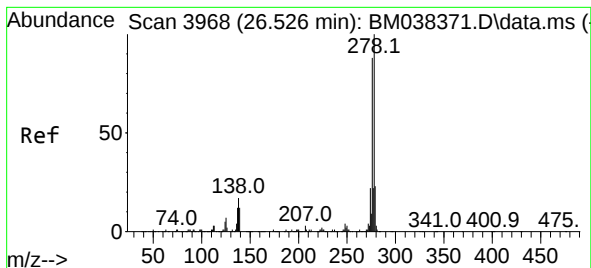
Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Tgt Ion:	276	Resp:	109804
Ion Ratio	Lower	Upper	
276	100		
138	18.7	15.7	23.5
277	26.8	20.2	30.4





#95

Dibenzo(a,h)anthracene

Concen: 3.671 ng/ul

RT: 26.526 min Scan# 3968

Delta R.T. -0.000 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Instrument :

BNA_M

ClientSampleId :

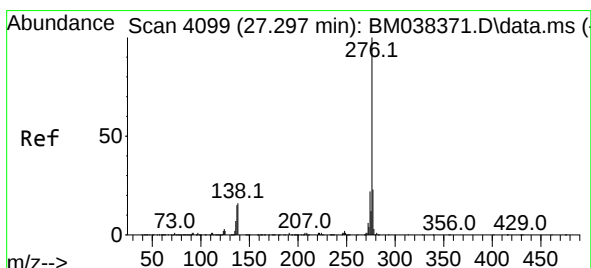
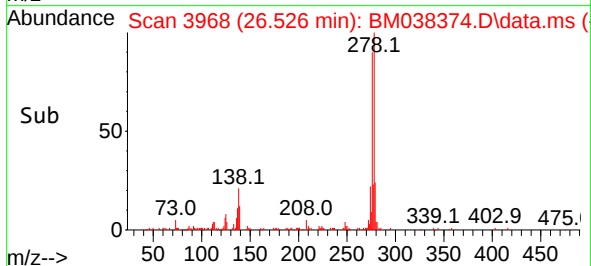
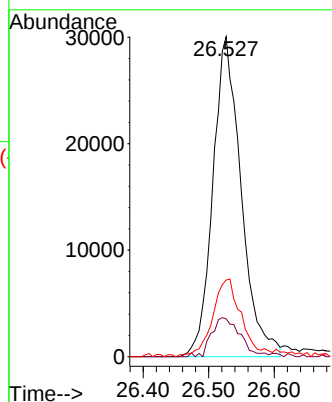
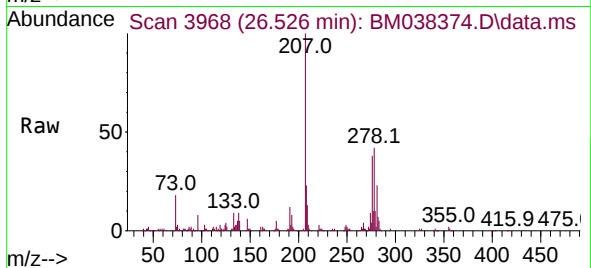
MDL-SOIL-QT4-2022-07

Tgt Ion:	278	Resp:	90084
Ion Ratio	Lower	Upper	
278	100		
139	11.8	10.0	15.0
279	23.9	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/06/2023
Supervised By :mohammad ahmed 01/06/2023



#96

Benzo(g,h,i)perylene

Concen: 3.915 ng/ul

RT: 27.303 min Scan# 4100

Delta R.T. 0.006 min

Lab File: BM038374.D

Acq: 05 Jan 2023 11:35

Tgt Ion:	276	Resp:	94261
Ion Ratio	Lower	Upper	
276	100		
138	16.0	13.8	20.6
277	22.2	18.6	28.0

