

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
 Data File : BM047154.D
 Acq On : 12 Aug 2024 13:05
 Operator : RC/JU
 Sample : P3390-01
 Misc : LOD-MDL-SOIL-4NG
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Aug 12 14:02:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							08/13/2024
1) 1,4-Dichlorobenzene-d4	7.375	152	223287	20.000	ng	0.00	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.127	136	984044	20.000	ng	0.00	
39) Acenaphthene-d10	14.033	164	657208	20.000	ng	0.00	
64) Phenanthrene-d10	16.792	188	1516781	20.000	ng	0.00	
76) Chrysene-d12	21.033	240	1506974	20.000	ng	0.00	
86) Perylene-d12	23.727	264	1901369	20.000	ng	0.00	08/14/2024
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	1528633	122.328	ng	0.00	
7) Phenol-d6	6.587	99	2108300	122.443	ng	0.00	
23) Nitrobenzene-d5	8.522	82	1504642	76.992	ng	0.00	
42) 2,4,6-Tribromophenol	15.539	330	1027530	134.839	ng	0.00	
45) 2-Fluorobiphenyl	12.639	172	3172007	74.450	ng	0.00	
79) Terphenyl-d14	19.462	244	5979802	85.027	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.034	88	21357	4.125	ng	#	96
3) Pyridine	3.422	79	51563	3.396	ng		96
4) n-Nitrosodimethylamine	3.328	42	27295	4.115	ng	#	85
6) Aniline	6.722	93	79234	4.868	ng		99
8) 2-Chlorophenol	6.945	128	52725	3.869	ng		98
9) Benzaldehyde	6.539	77	53717m	3.938	ng		
10) Phenol	6.604	94	63972	3.723	ng		83
11) bis(2-Chloroethyl)ether	6.822	93	61446	4.176	ng		97
12) 1,3-Dichlorobenzene	7.257	146	62783	3.876	ng		97
13) 1,4-Dichlorobenzene	7.410	146	64406	3.928	ng		95
14) 1,2-Dichlorobenzene	7.716	146	62932	4.067	ng		98
15) Benzyl Alcohol	7.628	79	52594	4.292	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.910	45	79845	4.229	ng		95
17) 2-Methylphenol	7.833	107	45328	3.955	ng		95
18) Hexachloroethane	8.428	117	24153	3.802	ng		96
19) n-Nitroso-di-n-propyla...	8.181	70	50074	4.317	ng		97
20) 3+4-Methylphenols	8.157	107	60417	3.770	ng		95
22) Acetophenone	8.192	105	97593	4.109	ng	#	95
24) Nitrobenzene	8.563	77	80250	4.078	ng		96
25) Isophorone	9.086	82	130689	3.841	ng		97
26) 2-Nitrophenol	9.263	139	26436	3.033	ng		93
27) 2,4-Dimethylphenol	9.345	122	31137	3.050	ng		98
28) bis(2-Chloroethoxy)met...	9.575	93	83137	3.883	ng		99
29) 2,4-Dichlorophenol	9.798	162	48961	3.232	ng		95
30) 1,2,4-Trichlorobenzene	9.998	180	60316	3.519	ng		100
31) Naphthalene	10.175	128	190504	3.886	ng		99
32) Benzoic acid	9.433	122	30244m	2.550	ng		
33) 4-Chloroaniline	10.310	127	73638	3.906	ng		97
34) Hexachlorobutadiene	10.463	225	33340	3.323	ng		93
35) Caprolactam	11.092	113	18248m	3.469	ng		
36) 4-Chloro-3-methylphenol	11.451	107	54878	3.402	ng		99
37) 2-Methylnaphthalene	11.804	142	128319	3.676	ng		99
38) 1-Methylnaphthalene	12.027	142	129616	3.757	ng		99
40) 1,2,4,5-Tetrachloroben...	12.186	216	63989	3.570	ng		97
41) Hexachlorocyclopentadiene	12.163	237	22382	3.576	ng		97
43) 2,4,6-Trichlorophenol	12.445	196	39953	3.136	ng		98

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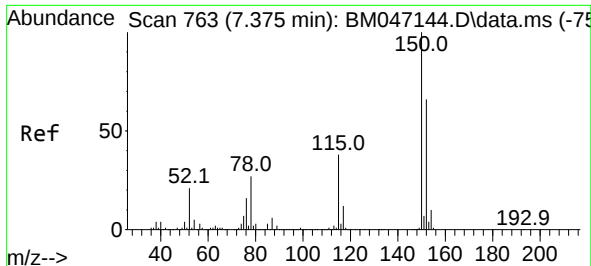
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Quant Time: Aug 12 14:02:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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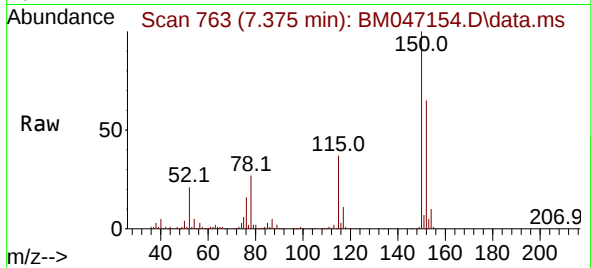
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.521	196	44742	3.163	ng	#	93
46) 1,1'-Biphenyl	12.851	154	181499	3.879	ng		98
47) 2-Chloronaphthalene	12.886	162	140909	3.853	ng		98
48) 2-Nitroaniline	13.110	65	39286	3.429	ng		91
49) Acenaphthylene	13.745	152	222582	4.129	ng		99
50) Dimethylphthalate	13.510	163	178420	3.887	ng		99
51) 2,6-Dinitrotoluene	13.621	165	33992	3.168	ng	#	80
52) Acenaphthene	14.098	154	135376	3.959	ng		99
53) 3-Nitroaniline	13.957	138	37430	3.481	ng	#	94
54) 2,4-Dinitrophenol	14.174	184	13843	2.153	ng		92
55) Dibenzofuran	14.439	168	224798	4.162	ng		99
56) 4-Nitrophenol	14.298	139	29070	3.136	ng		88
57) 2,4-Dinitrotoluene	14.427	165	45374	3.168	ng	#	78
58) Fluorene	15.092	166	179514	4.028	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	40883m	3.516	ng		
60) Diethylphthalate	14.892	149	180763	3.857	ng		99
61) 4-Chlorophenyl-phenyle...	15.098	204	83366	3.929	ng		97
62) 4-Nitroaniline	15.127	138	34486m	3.256	ng		
63) Azobenzene	15.392	77	181779	4.090	ng		98
65) 4,6-Dinitro-2-methylph...	15.198	198	20838	2.346	ng		93
66) n-Nitrosodiphenylamine	15.315	169	153280	3.710	ng		98
67) 4-Bromophenyl-phenylether	15.998	248	49705	3.401	ng		97
68) Hexachlorobenzene	16.098	284	62136	3.550	ng		95
69) Atrazine	16.286	200	51410	4.135	ng		97
70) Pentachlorophenol	16.451	266	30940	2.521	ng		98
71) Phenanthrene	16.833	178	300263	3.945	ng		99
72) Anthracene	16.927	178	284697	3.844	ng		100
73) Carbazole	17.209	167	278287	3.680	ng		99
74) Di-n-butylphthalate	17.792	149	315640	3.587	ng		99
75) Fluoranthene	18.868	202	330728	3.572	ng		99
77) Benzidine	19.074	184	49823m	1.950	ng		
78) Pyrene	19.233	202	350312	3.256	ng		99
80) Butylbenzylphthalate	20.174	149	138080	3.144	ng		94
81) Benzo(a)anthracene	21.015	228	364650	3.645	ng		99
82) 3,3'-Dichlorobenzidine	20.956	252	112717	3.601	ng		99
83) Chrysene	21.068	228	341119	3.594	ng		99
84) Bis(2-ethylhexyl)phtha...	20.980	149	205755	3.304	ng		99
85) Di-n-octyl phthalate	22.009	149	322186	3.044	ng		96
87) Indeno(1,2,3-cd)pyrene	26.715	276	444526	3.617	ng		98
88) Benzo(b)fluoranthene	22.880	252	376557	3.335	ng		98
89) Benzo(k)fluoranthene	22.938	252	360854	3.383	ng		99
90) Benzo(a)pyrene	23.597	252	317981	3.251	ng		98
91) Dibenzo(a,h)anthracene	26.762	278	367943	3.699	ng		98
92) Benzo(g,h,i)perylene	27.638	276	374135	3.623	ng		100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.375 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

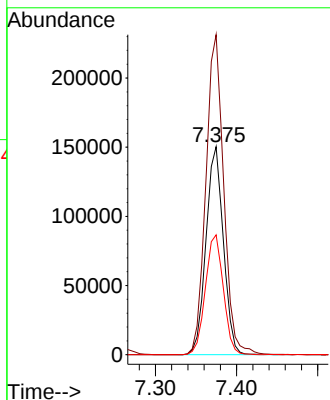
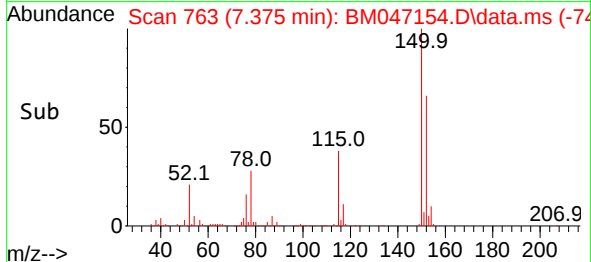
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:152 Resp: 22328
Ion Ratio Lower Upper
152 100
150 153.8 120.5 180.7
115 57.6 45.5 68.3

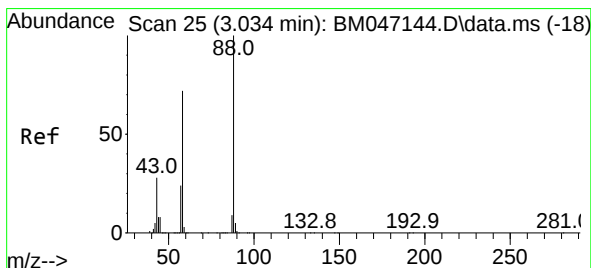
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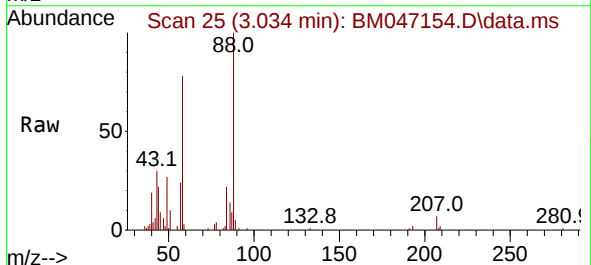


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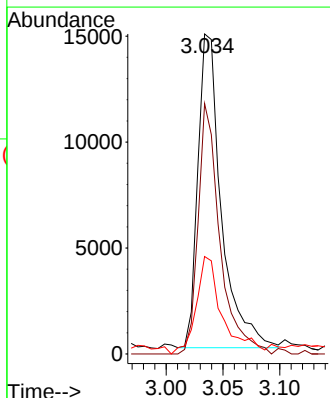
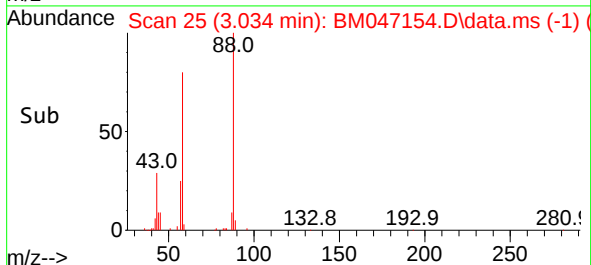
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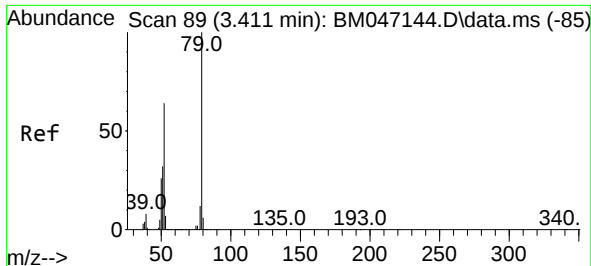


#2
1,4-Dioxane
Concen: 4.125 ng
RT: 3.034 min Scan# 25
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



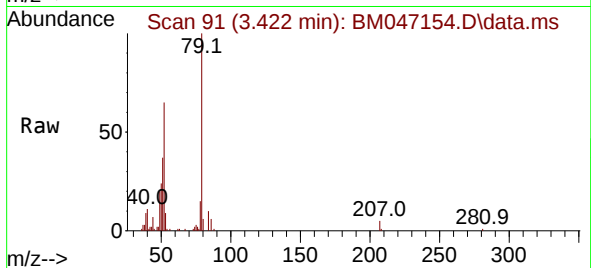
Tgt Ion: 88 Resp: 21357
Ion Ratio Lower Upper
88 100
58 73.8 58.2 87.4
43 34.3 22.5 33.7#





#3
Pyridine
Concen: 3.396 ng
RT: 3.422 min Scan# 91
Delta R.T. 0.011 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

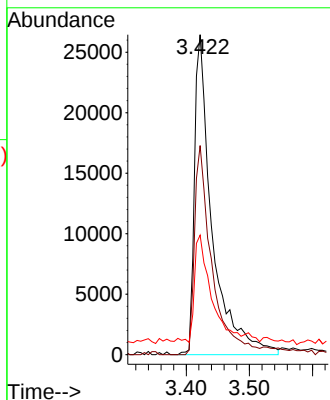
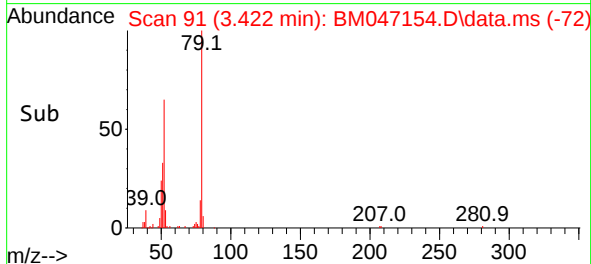
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 79 Resp: 5156
Ion Ratio Lower Upper
79 100
52 65.4 51.2 76.8
51 37.3 26.1 39.1

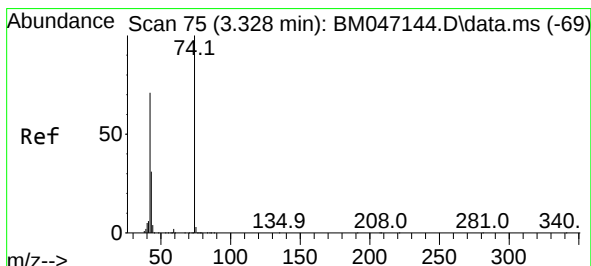
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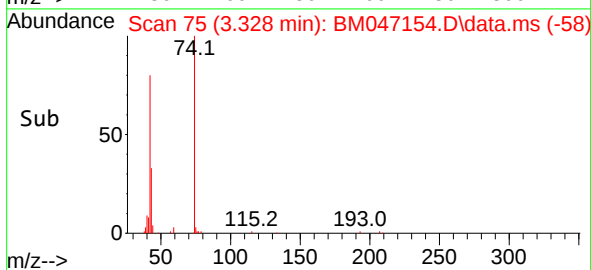
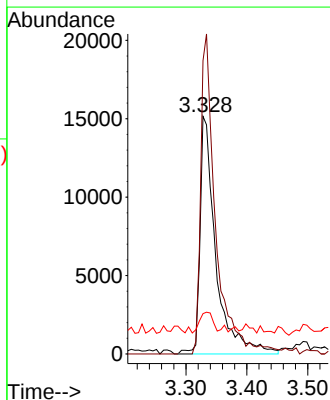
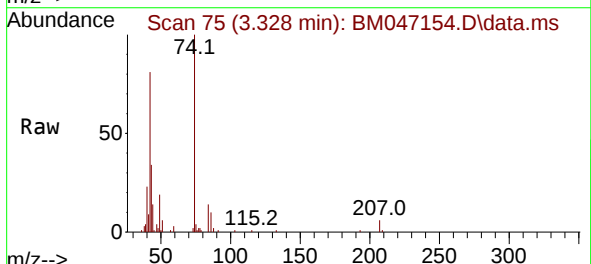
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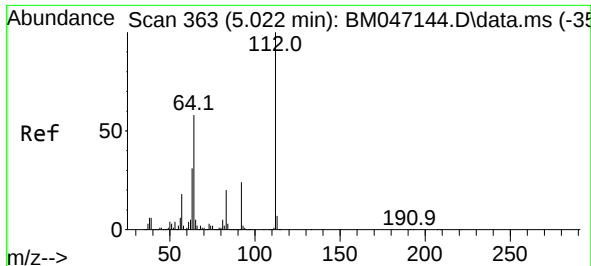
08/14/2024



#4
n-Nitrosodimethylamine
Concen: 4.115 ng
RT: 3.328 min Scan# 75
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

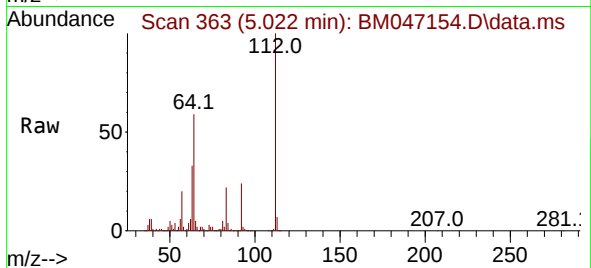
Tgt Ion: 42 Resp: 27295
Ion Ratio Lower Upper
42 100
74 123.4 112.9 169.3
44 17.0 5.3 7.9





#5
2-Fluorophenol
Concen: 122.328 ng
RT: 5.022 min Scan# 30
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

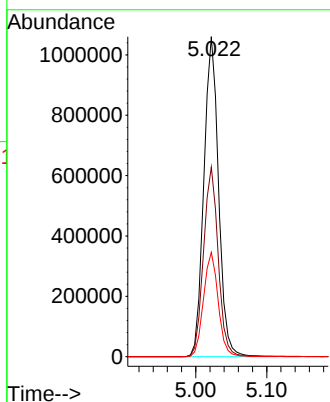
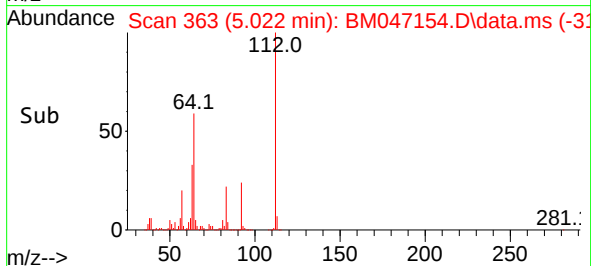
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 112 Resp: 152863
Ion Ratio Lower Upper
112 100
64 59.2 46.7 70.1
63 32.6 24.8 37.2

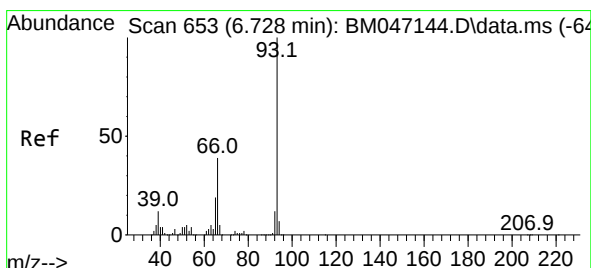
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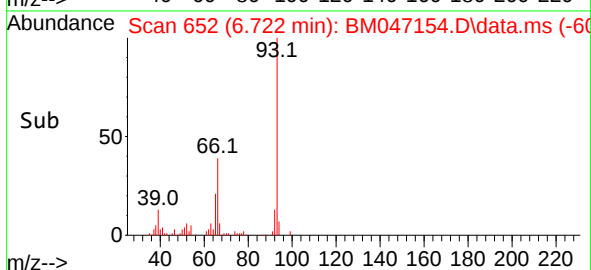
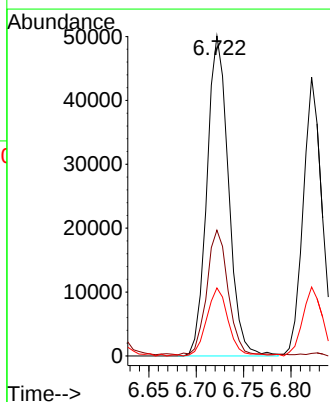
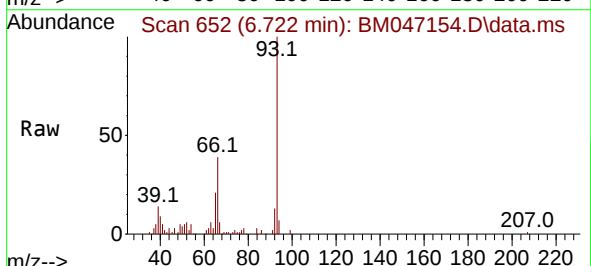
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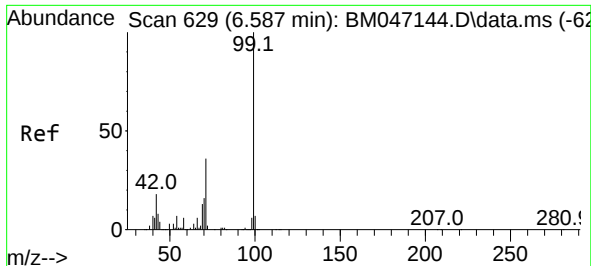
08/14/2024



#6
Aniline
Concen: 4.868 ng
RT: 6.722 min Scan# 652
Delta R.T. -0.006 min
Lab File: BM047154.D
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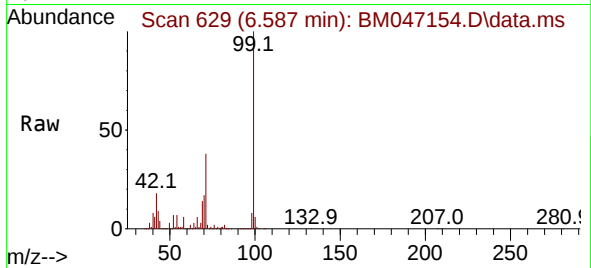
Tgt Ion: 93 Resp: 79234
Ion Ratio Lower Upper
93 100
66 39.3 31.4 47.2
65 21.2 15.6 23.4





#7
Phenol-d6
Concen: 122.443 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

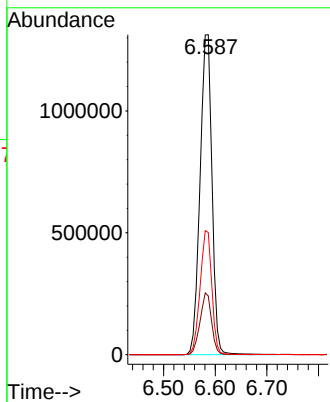
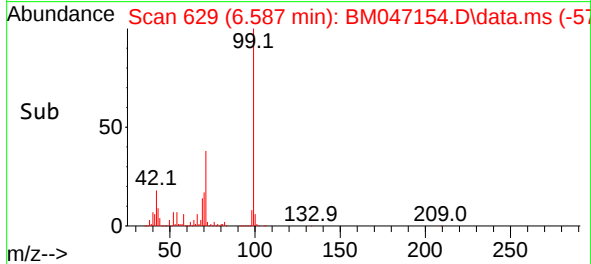
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 2108300
Ion Ratio Lower Upper
99 100
42 18.3 14.1 21.1
71 38.2 28.5 42.7

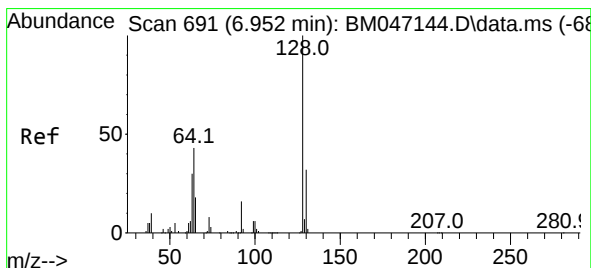
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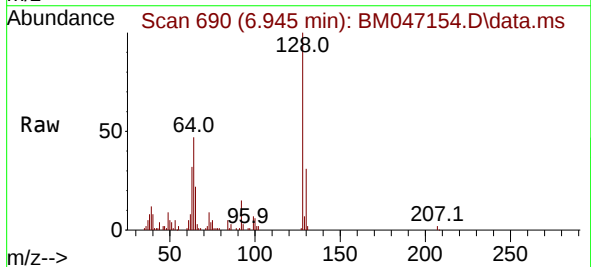


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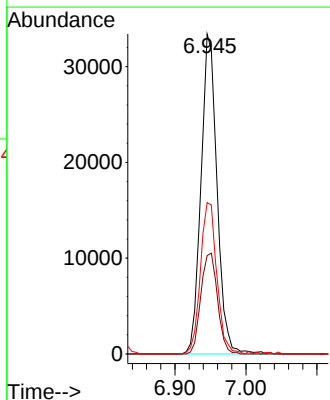
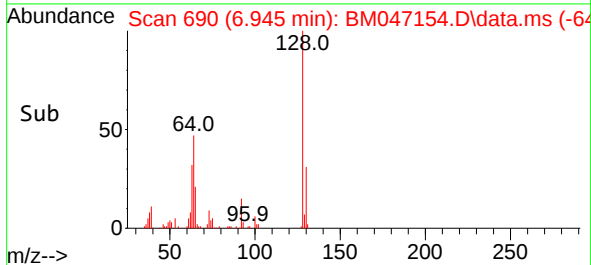
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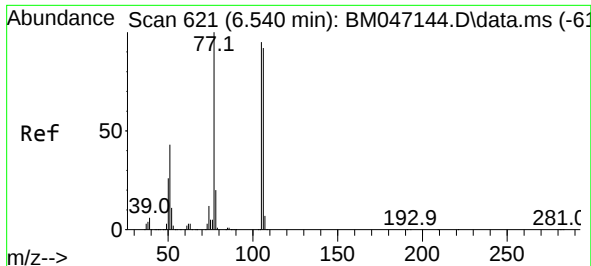


#8
2-Chlorophenol
Concen: 3.869 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



Tgt Ion:128 Resp: 52725
Ion Ratio Lower Upper
128 100
130 30.8 12.1 52.1
64 47.3 26.6 66.6





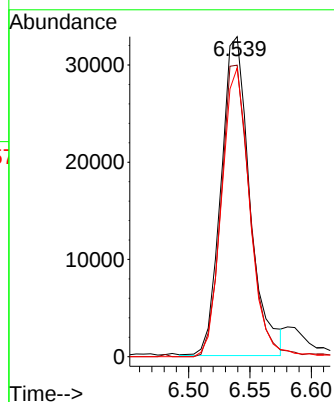
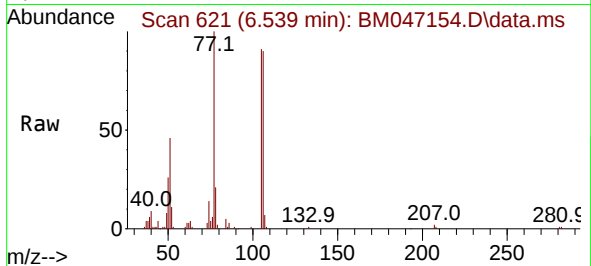
#9
Benzaldehyde
Concen: 3.938 ng m
RT: 6.539 min Scan# 61
Delta R.T. -0.001 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 77 Resp: 5371
Ion Ratio Lower Upper
77 100
105 91.1 74.5 114.5
106 90.2 72.3 112.3

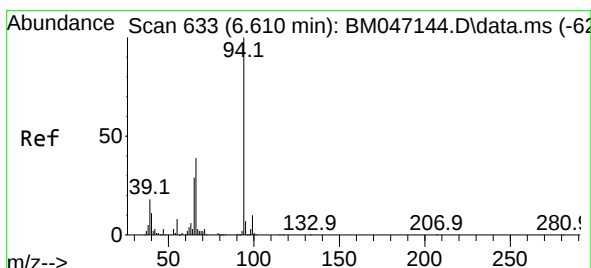
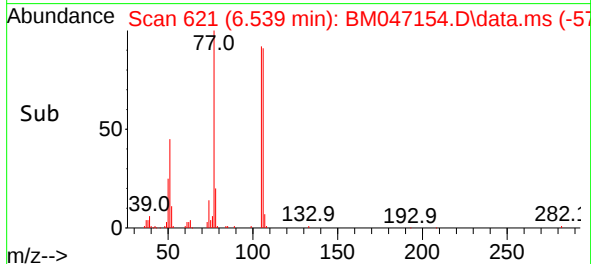
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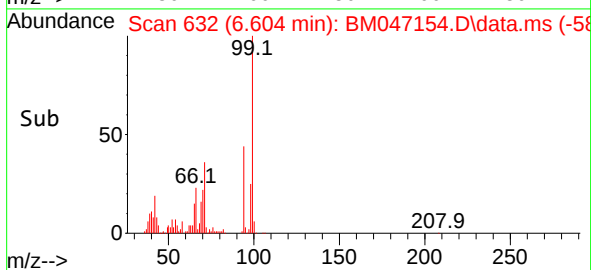
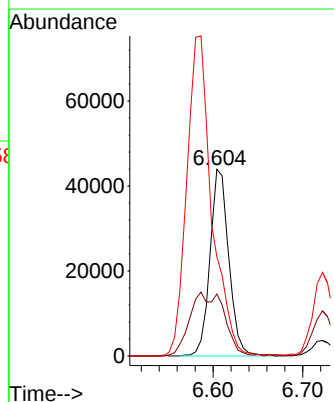
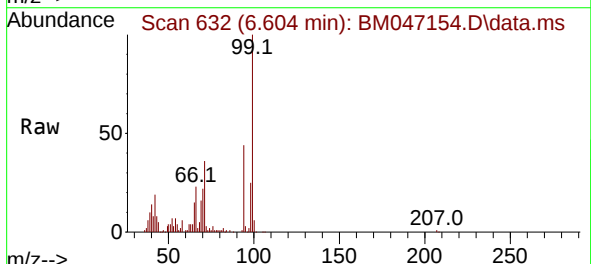
08/13/2024
Supervised By :mohammad
ahmed

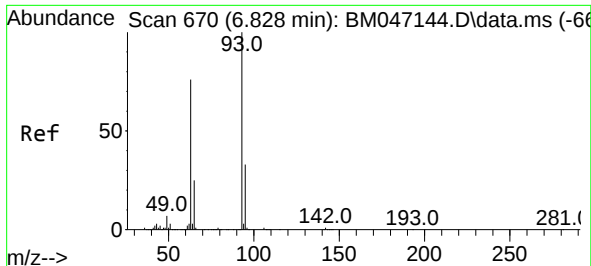
08/14/2024



#10
Phenol
Concen: 3.723 ng
RT: 6.604 min Scan# 632
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

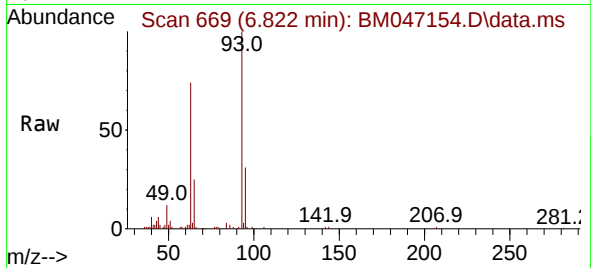
Tgt Ion: 94 Resp: 63972
Ion Ratio Lower Upper
94 100
65 33.2 9.0 49.0
66 53.3 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 4.176 ng
RT: 6.822 min Scan# 614
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

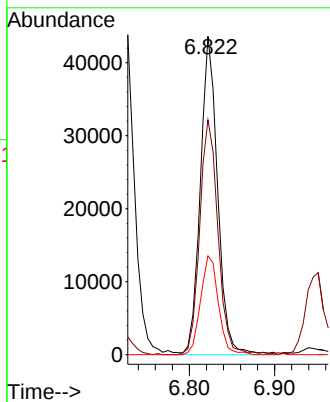
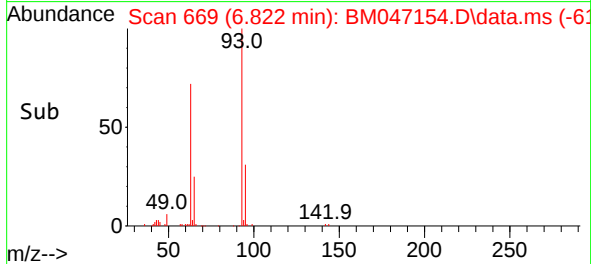
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 93 Resp: 61440
Ion Ratio Lower Upper
93 100
63 73.7 55.8 95.8
95 31.1 12.7 52.7

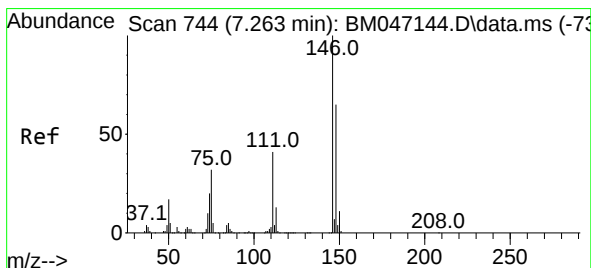
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



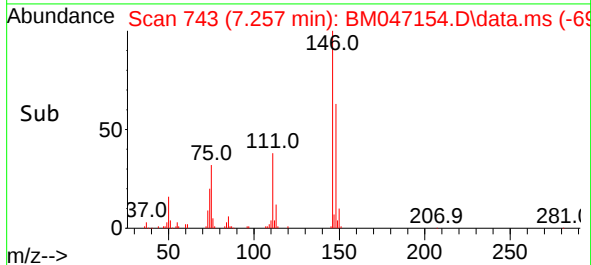
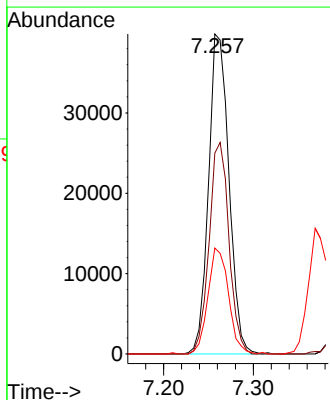
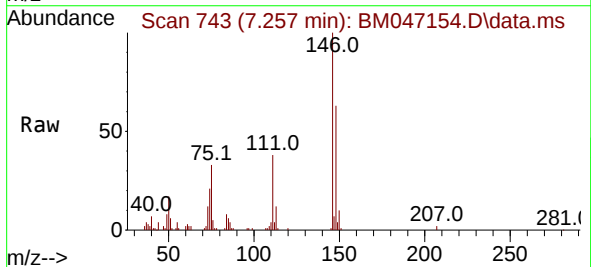
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Supervised By :mohammad
ahmed

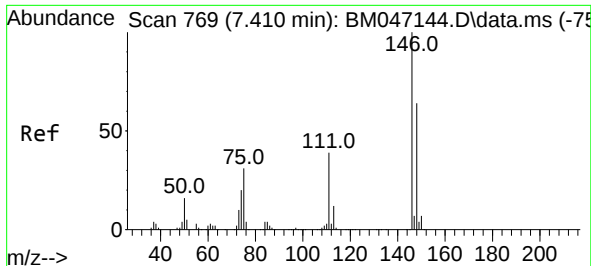
08/14/2024



#12
1,3-Dichlorobenzene
Concen: 3.876 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

Tgt Ion:146 Resp: 62783
Ion Ratio Lower Upper
146 100
148 62.8 52.3 78.5
75 33.1 25.8 38.6





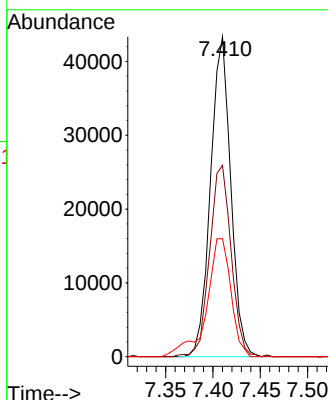
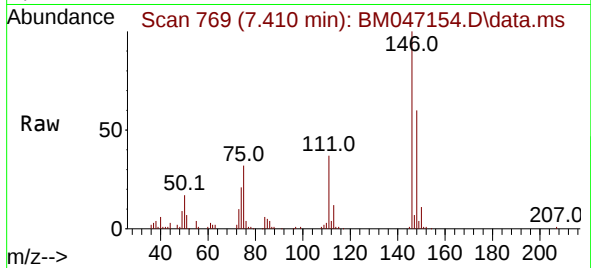
#13
1,4-Dichlorobenzene
Concen: 3.928 ng
RT: 7.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:146 Resp: 64400
Ion Ratio Lower Upper
146 100
148 59.8 51.4 77.2
111 36.8 31.5 47.3

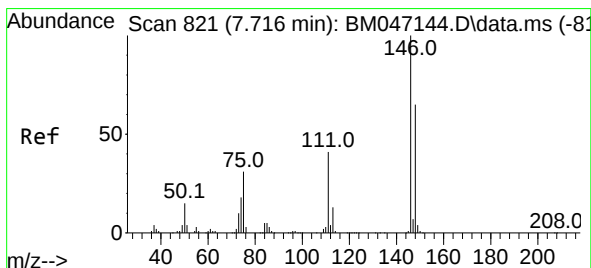
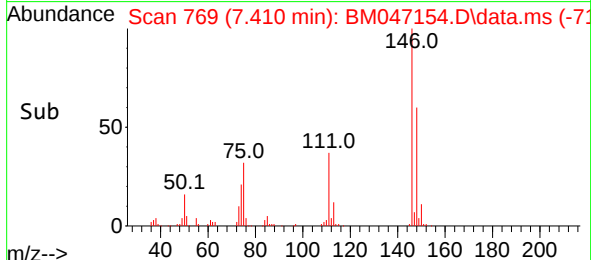
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Reviewed By :Yogesh
Patel



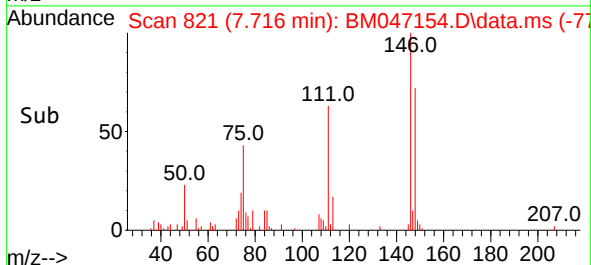
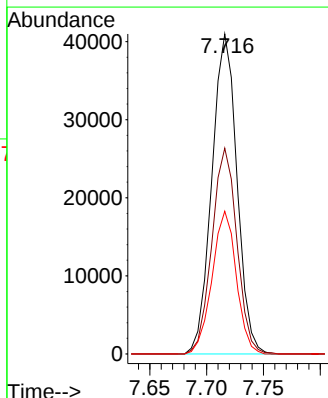
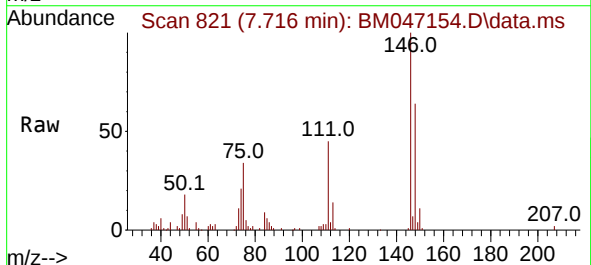
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Supervised By :mohammad
ahmed

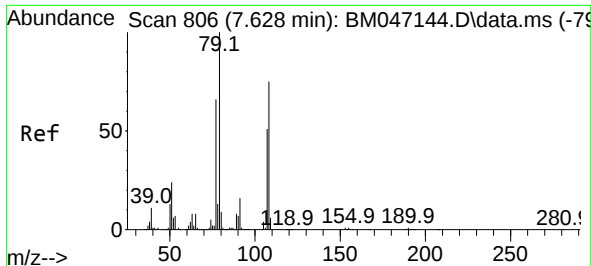
08/14/2024



#14
1,2-Dichlorobenzene
Concen: 4.067 ng
RT: 7.716 min Scan# 821
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

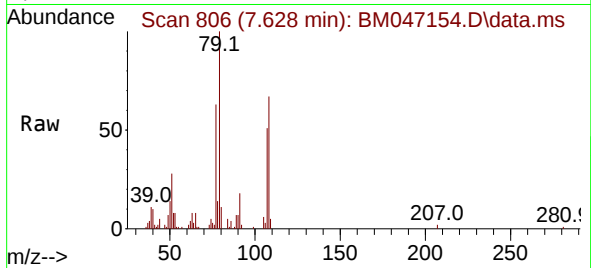
Tgt Ion:146 Resp: 62932
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
111 44.6 33.3 49.9





#15
Benzyl Alcohol
Concen: 4.292 ng
RT: 7.628 min Scan# 806
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

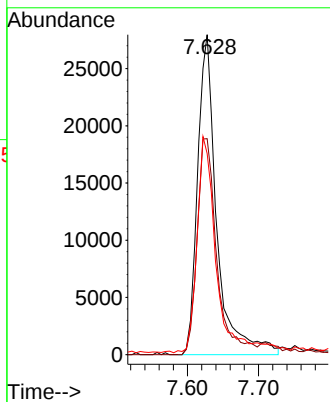
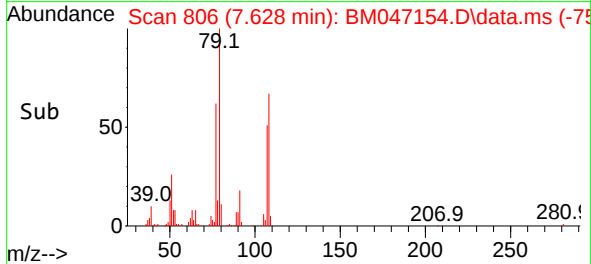
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 79 Resp: 52594
Ion Ratio Lower Upper
79 100
108 67.5 59.7 89.5
77 62.8 52.9 79.3

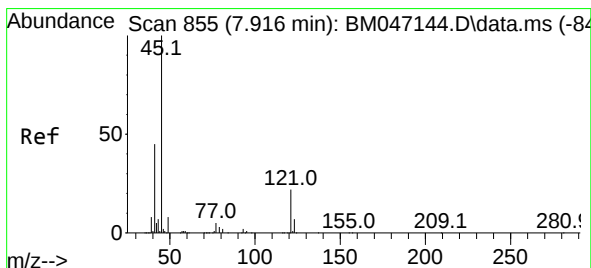
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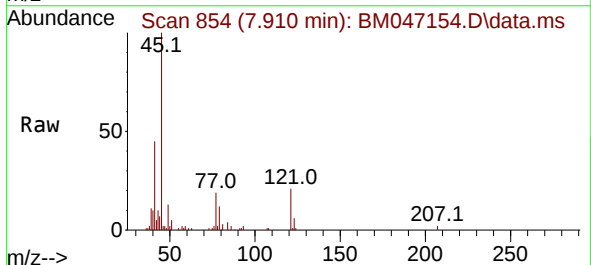


08/13/2024
Supervised By :mohammad
ahmed

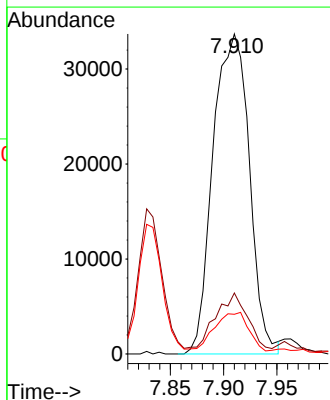
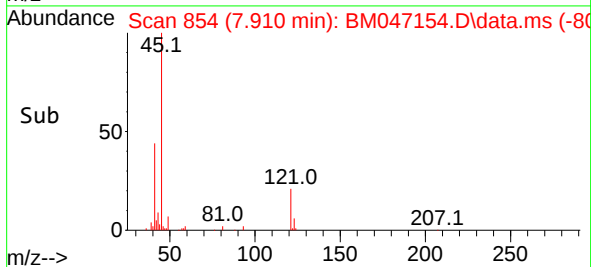
08/14/2024

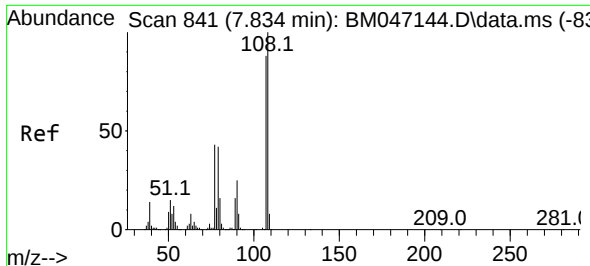


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.229 ng
RT: 7.910 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



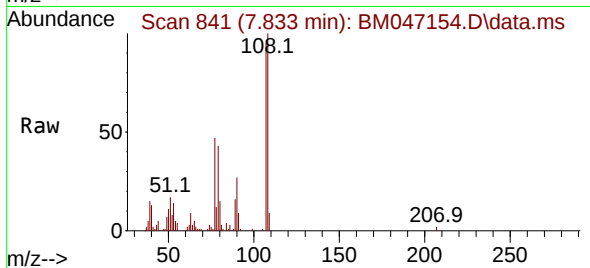
Tgt Ion: 45 Resp: 79845
Ion Ratio Lower Upper
45 100
77 19.0 0.0 35.6
79 12.4 0.0 32.4





#17
2-Methylphenol
Concen: 3.955 ng
RT: 7.833 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

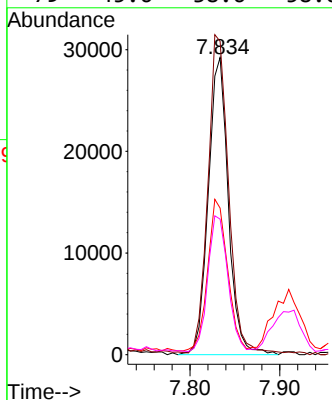
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	107	Resp:	45328
Ion Ratio	Lower	Upper	
107	100		
108	105.4	90.6	135.8
77	49.3	39.3	58.9
79	45.6	38.6	58.0

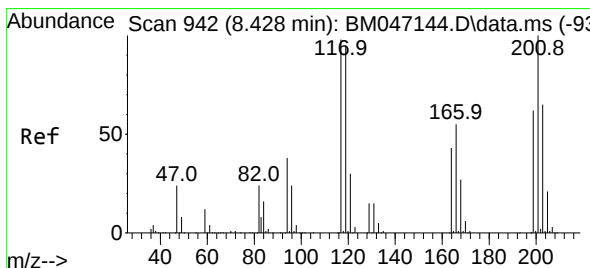
Manual Integrations
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Patel



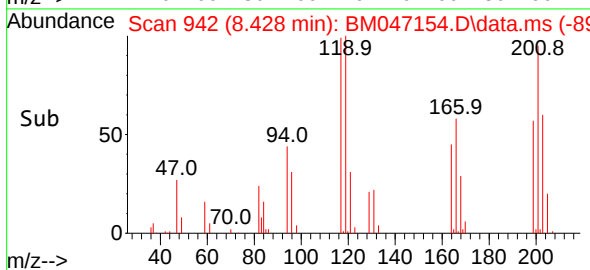
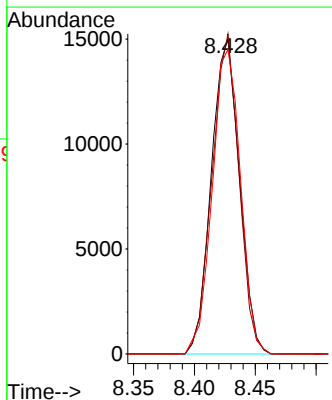
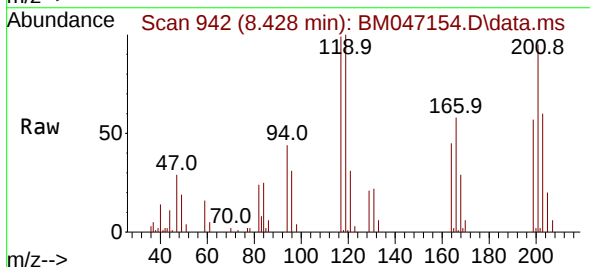
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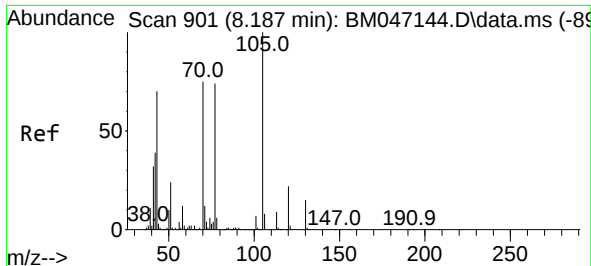
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#18
Hexachloroethane
Concen: 3.802 ng
RT: 8.428 min Scan# 942
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

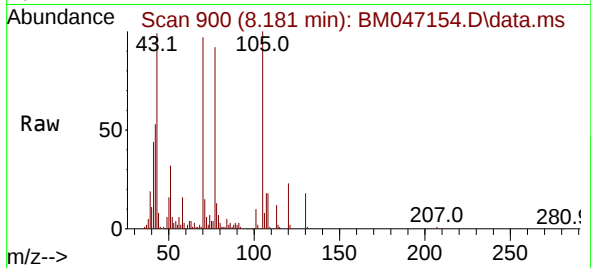
Tgt Ion:	117	Resp:	24153
Ion Ratio	Lower	Upper	
117	100		
119	101.5	77.0	115.4
201	98.3	81.3	121.9





#19
n-Nitroso-di-n-propylamine
Concen: 4.317 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

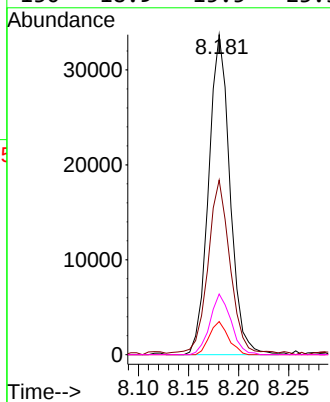
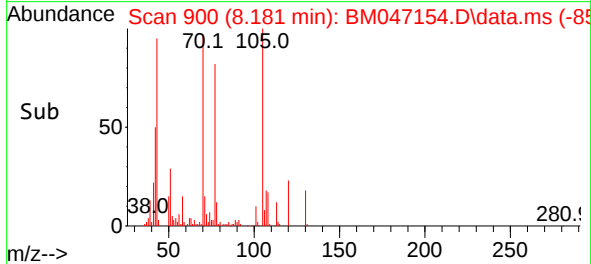
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	70	Resp:	50074
Ion Ratio	100	Lower	Upper
70	100		
42	54.5	42.0	63.0
101	10.3	7.2	10.8
130	18.9	15.5	23.3

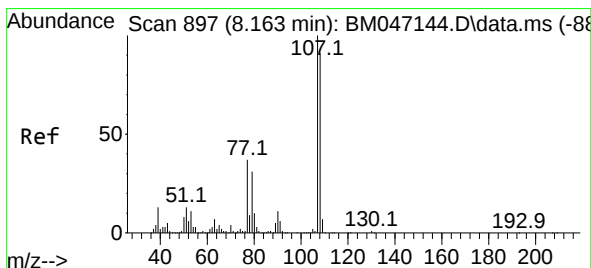
Manual Integrations
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Patel



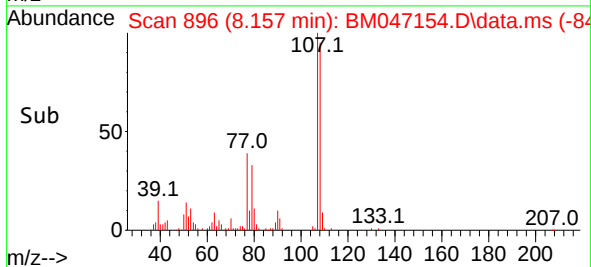
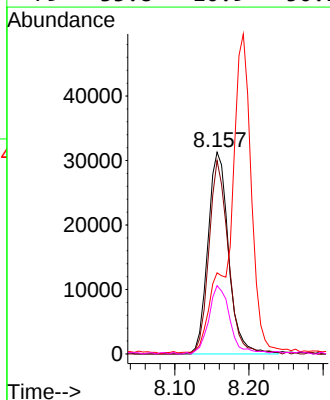
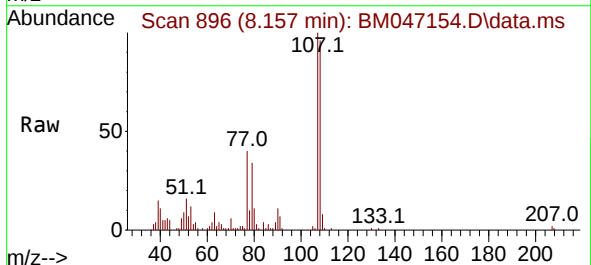
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Supervised By :mohammad
ahmed

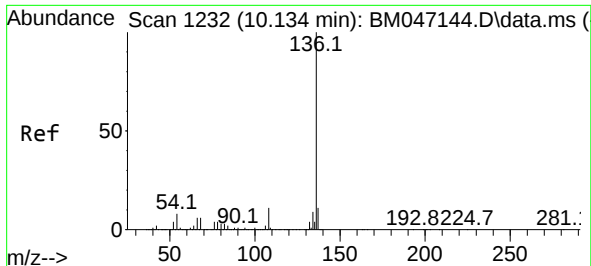
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#20
3+4-Methylphenols
Concen: 3.770 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

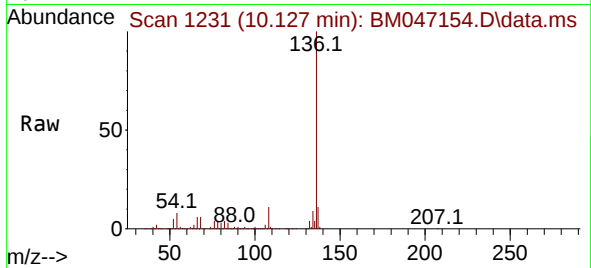
Tgt Ion:	107	Resp:	60417
Ion Ratio	100	Lower	Upper
107	100		
108	95.9	70.7	110.7
77	40.2	17.4	57.4
79	33.8	10.9	50.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

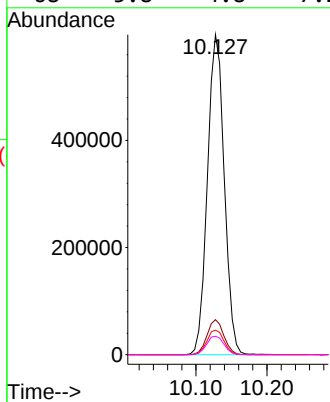
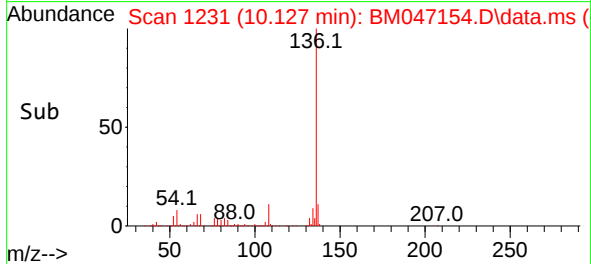
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.0	9.0
68	5.8	4.8	7.2

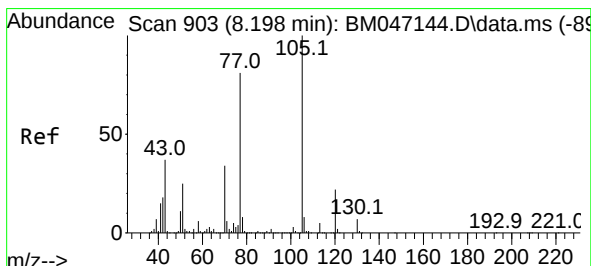
Manual Integrations
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Patel



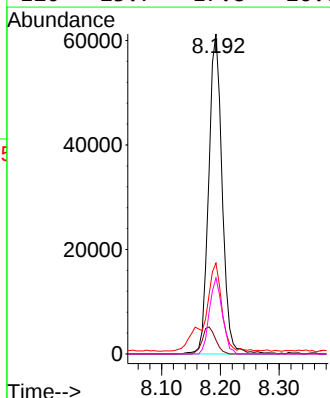
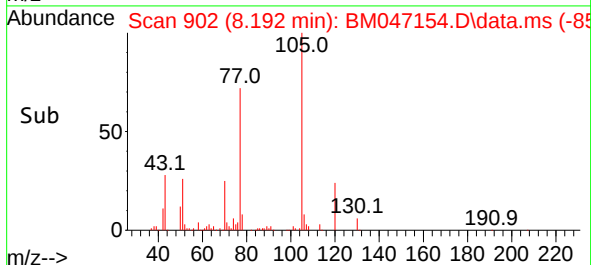
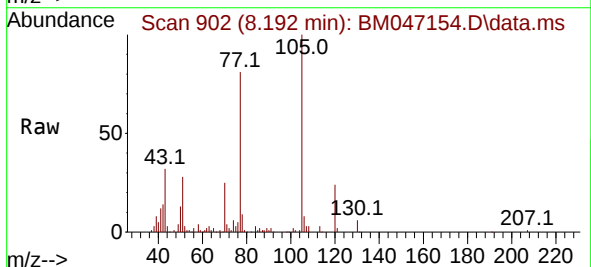
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ahmed

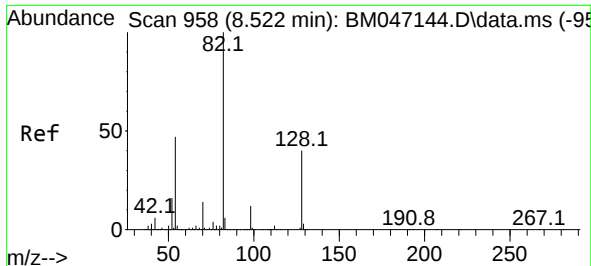
08/14/2024



#22
Acetophenone
Concen: 4.109 ng
RT: 8.192 min Scan# 902
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

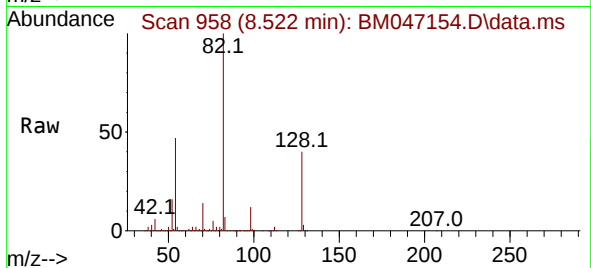
Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	4.5	6.7#
51	28.4	20.1	30.1
120	23.7	17.8	26.6





#23
Nitrobenzene-d5
Concen: 76.992 ng
RT: 8.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

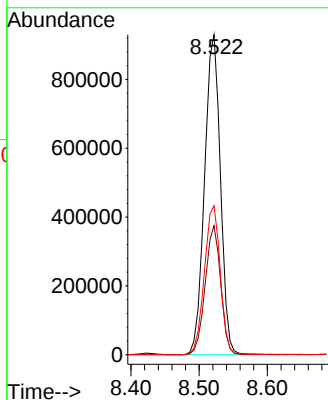
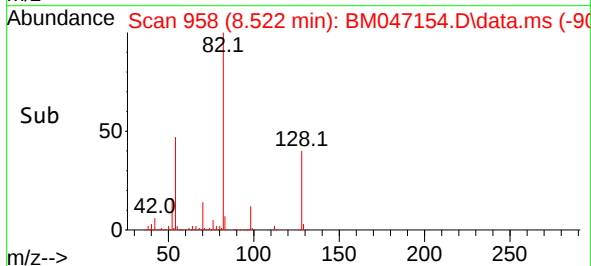
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 82 Resp: 150464
Ion Ratio Lower Upper
82 100
128 40.3 32.3 48.5
54 46.5 37.4 56.2

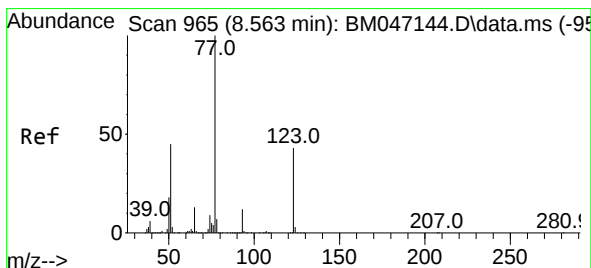
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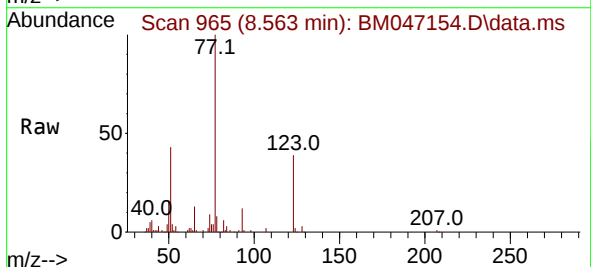


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Supervised By :mohammad
ahmed

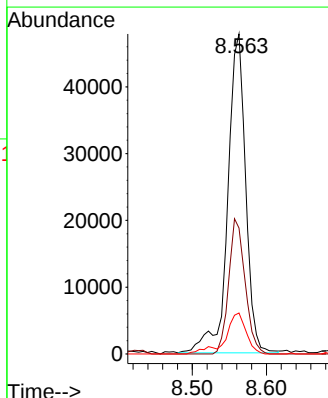
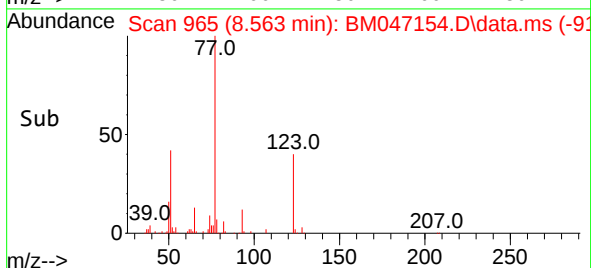
08/14/2024

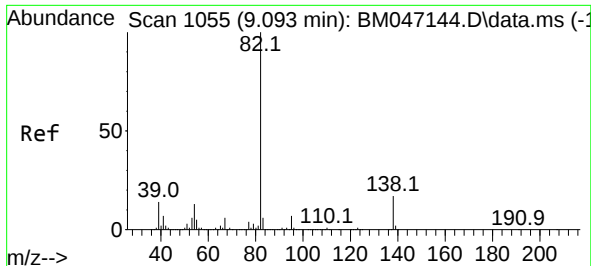


#24
Nitrobenzene
Concen: 4.078 ng
RT: 8.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



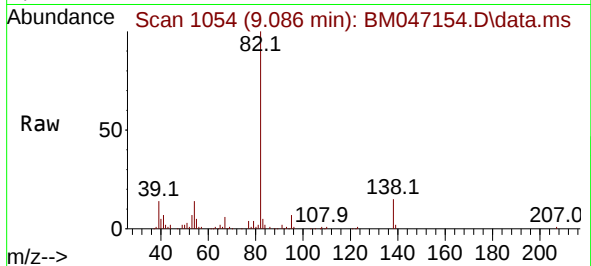
Tgt Ion: 77 Resp: 80250
Ion Ratio Lower Upper
77 100
123 39.3 34.0 51.0
65 12.8 10.5 15.7





#25
Isophorone
Concen: 3.841 ng
RT: 9.086 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

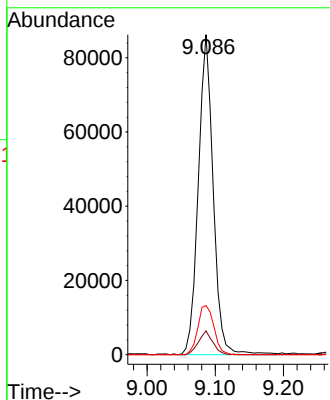
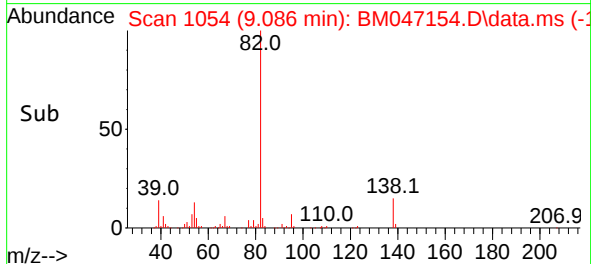
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 82 Resp: 130689
Ion Ratio Lower Upper
82 100
95 7.4 5.5 8.3
138 15.4 13.5 20.3

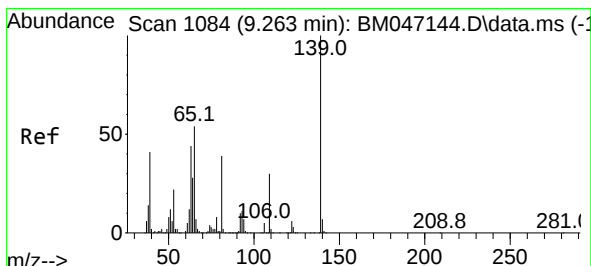
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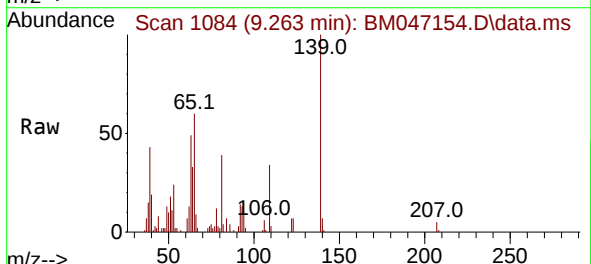


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Supervised By :mohammad
ahmed

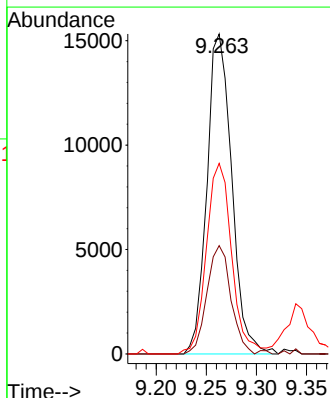
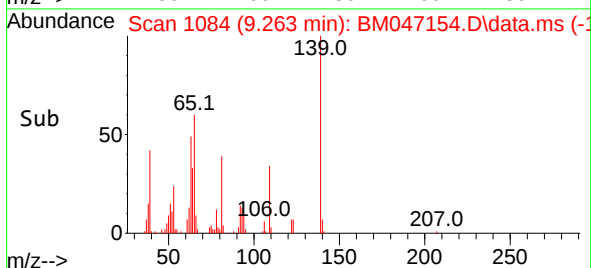
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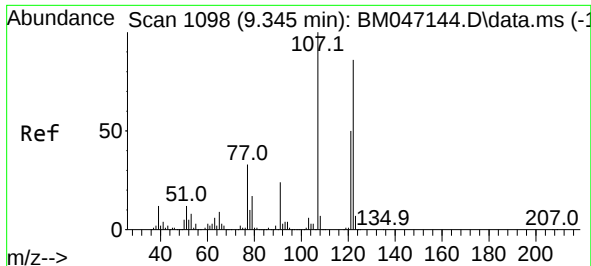


#26
2-Nitrophenol
Concen: 3.033 ng
RT: 9.263 min Scan# 1084
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



Tgt Ion:139 Resp: 26436
Ion Ratio Lower Upper
139 100
109 33.9 24.4 36.6
65 59.6 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 3.050 ng

RT: 9.345 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

Instrument :

BNA_M

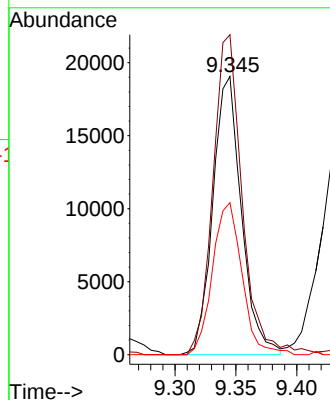
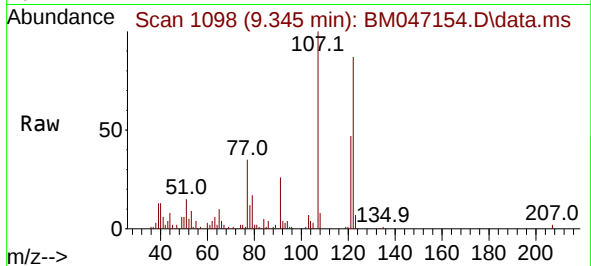
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	122	Resp:	3113
Ion	Ratio	Lower	Upper
122	100		
107	115.0	92.8	139.2
121	54.6	46.1	69.1

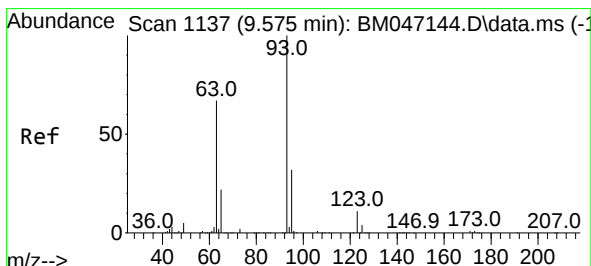
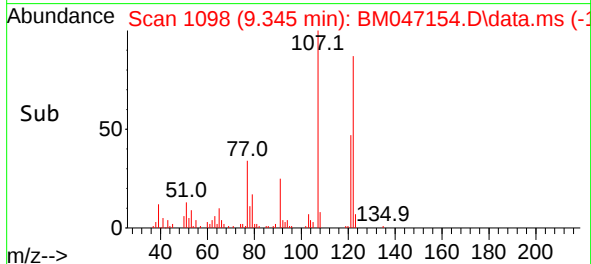
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#28

bis(2-Chloroethoxy)methane

Concen: 3.883 ng

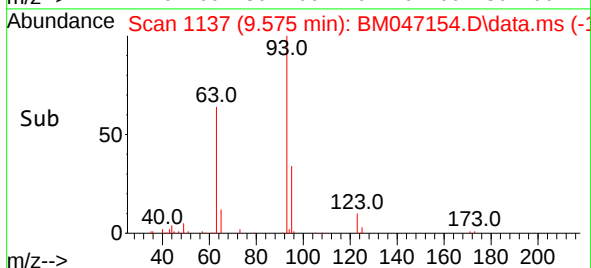
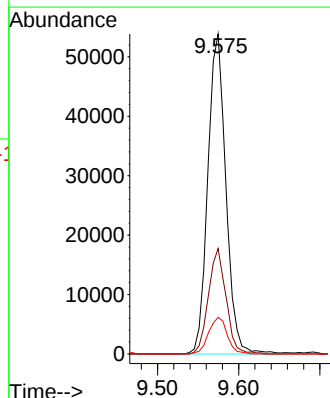
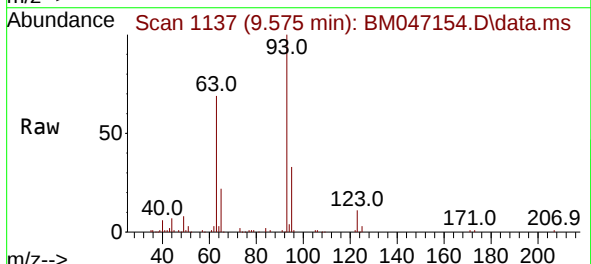
RT: 9.575 min Scan# 1137

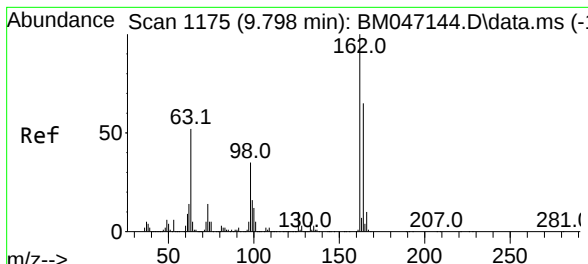
Delta R.T. -0.000 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

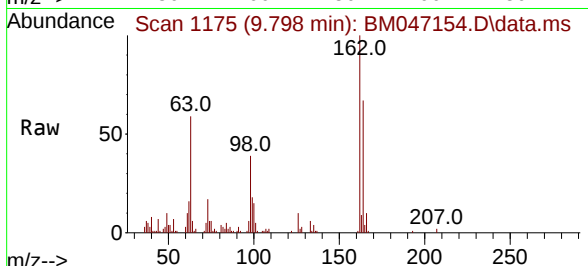
Tgt Ion:	93	Resp:	83137
Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.5	9.0	13.4





#29
 2,4-Dichlorophenol
 Concen: 3.232 ng
 RT: 9.798 min Scan# 1175
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05

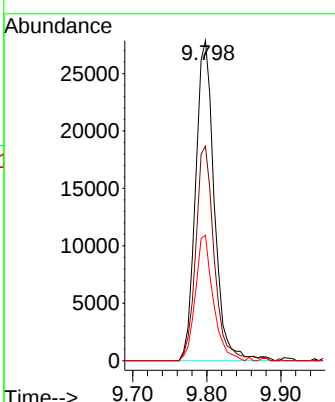
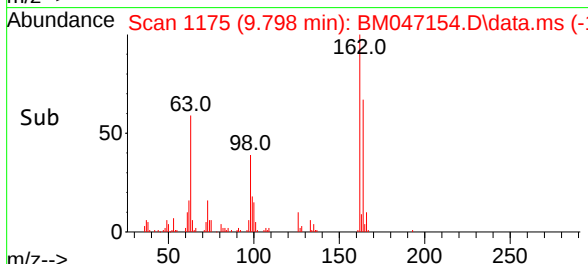
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:162 Resp: 4896

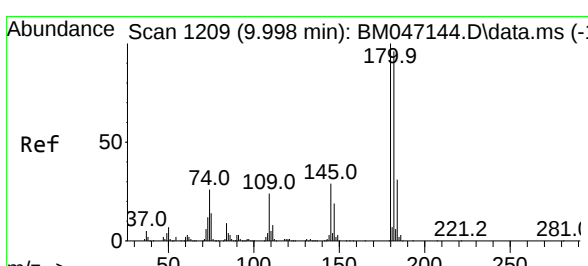
Ion	Ratio	Lower	Upper
162	100		
164	67.0	44.7	84.7
98	39.2	14.9	54.9

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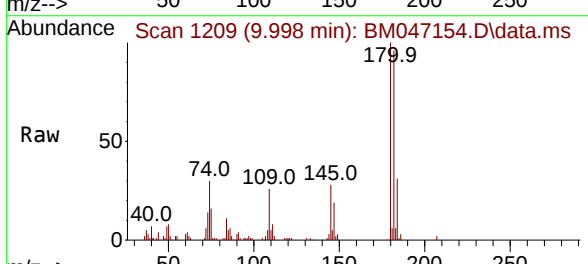


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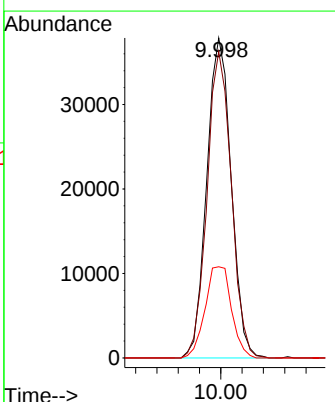
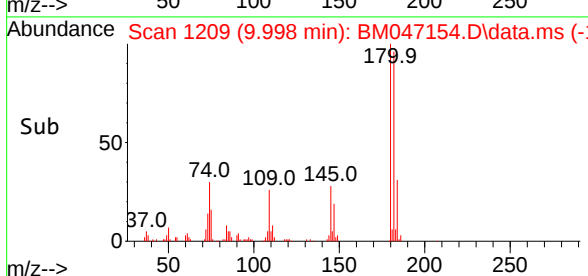


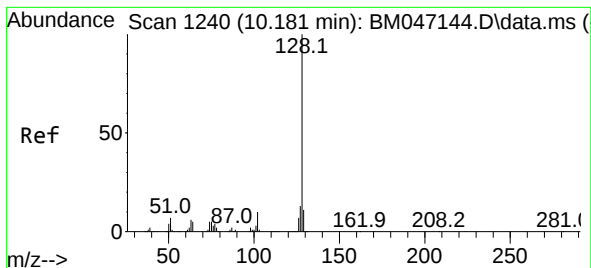
#30
 1,2,4-Trichlorobenzene
 Concen: 3.519 ng
 RT: 9.998 min Scan# 1209
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05



Tgt Ion:180 Resp: 60316

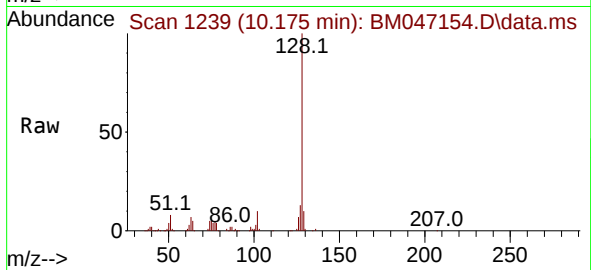
Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
145	28.5	23.4	35.2





#31
Naphthalene
Concen: 3.886 ng
RT: 10.175 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

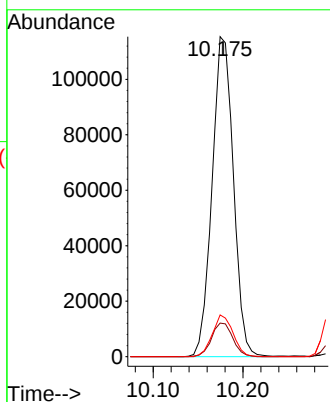
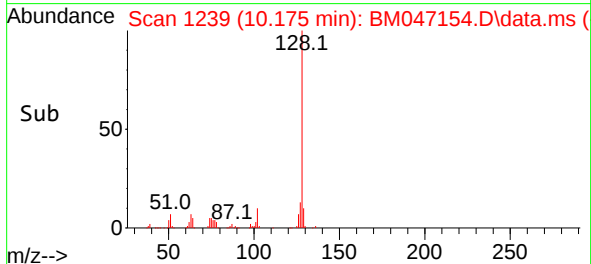
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:128 Resp: 190504
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.0 10.2 15.4

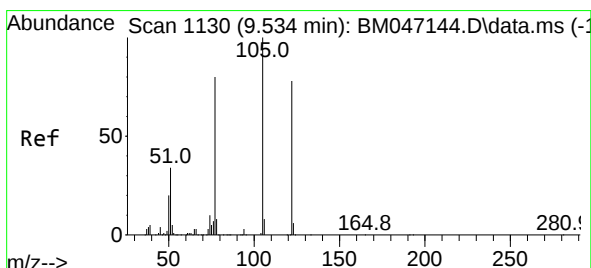
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Reviewed By :Yogesh
Patel

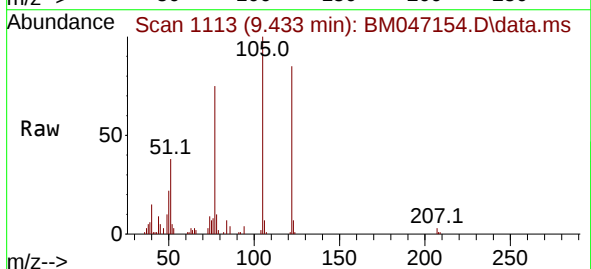


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Supervised By :mohammad
ahmed

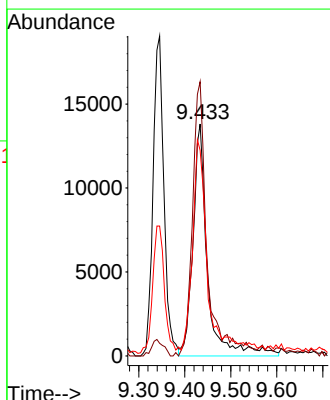
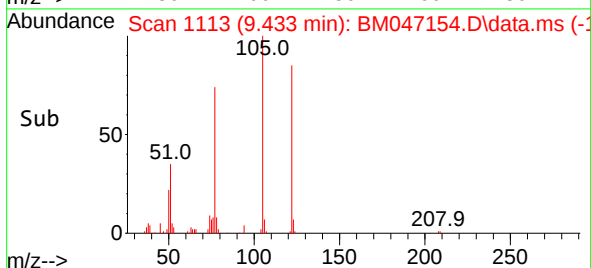
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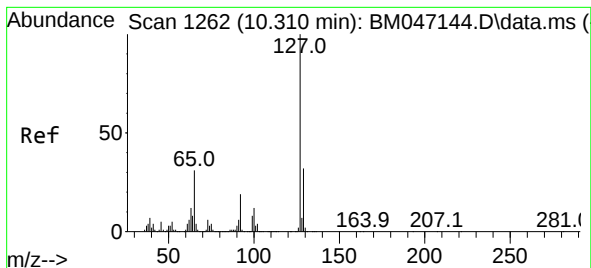


#32
Benzoic acid
Concen: 2.550 ng m
RT: 9.433 min Scan# 1113
Delta R.T. -0.100 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



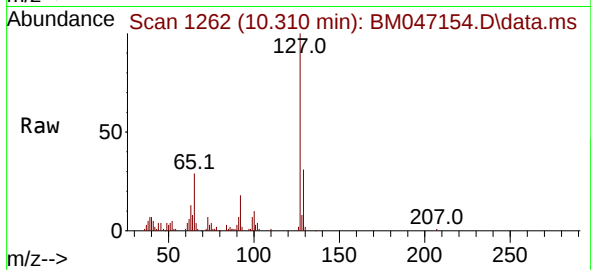
Tgt Ion:122 Resp: 30244
Ion Ratio Lower Upper
122 100
105 118.2 107.1 147.1
77 88.6 82.1 122.1





#33
4-Chloroaniline
Concen: 3.906 ng
RT: 10.310 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

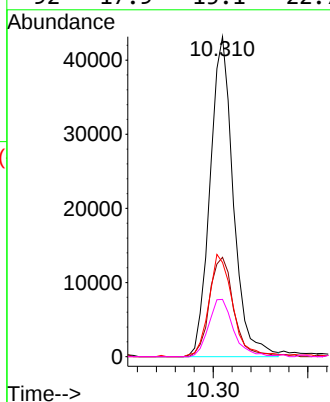
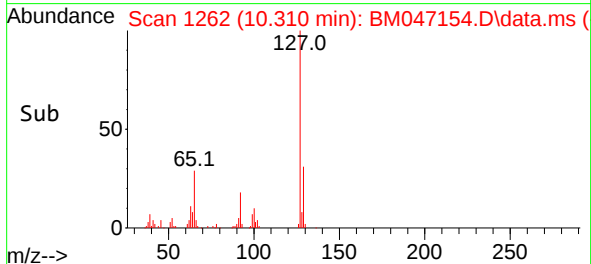
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.8
65	29.5	24.9	37.3
92	17.9	15.1	22.7

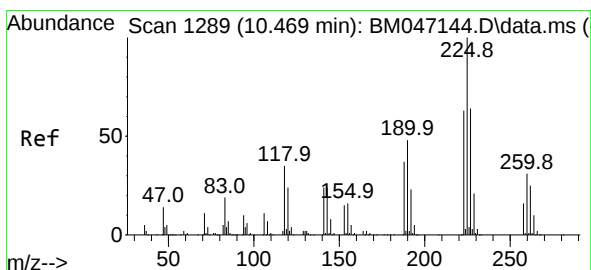
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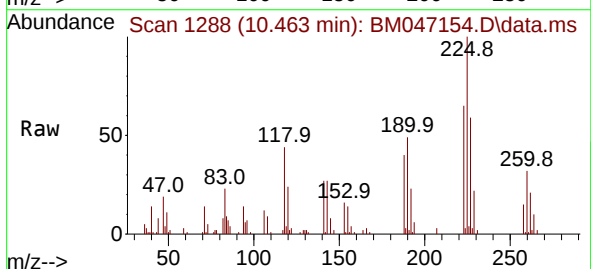


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Supervised By :mohammad
ahmed

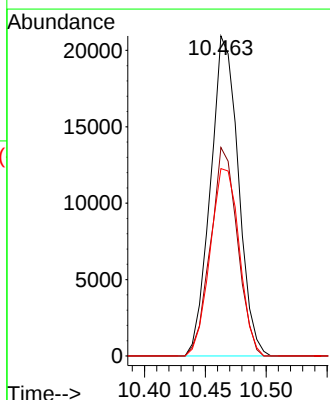
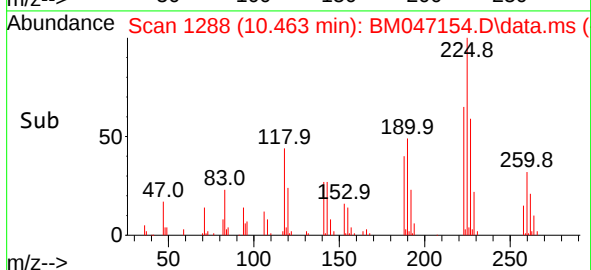
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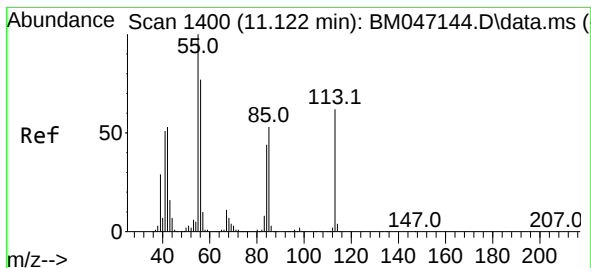


#34
Hexachlorobutadiene
Concen: 3.323 ng
RT: 10.463 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



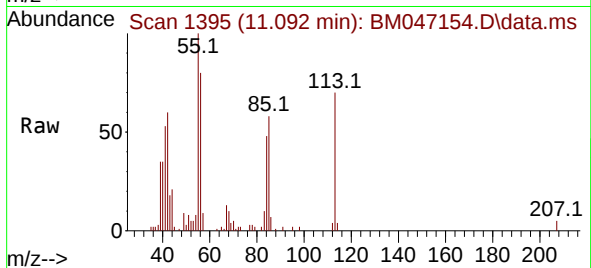
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.1	50.2	75.2
227	58.6	51.4	77.0





#35
Caprolactam
Concen: 3.469 ng m
RT: 11.092 min Scan# 11395
Delta R.T. -0.030 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

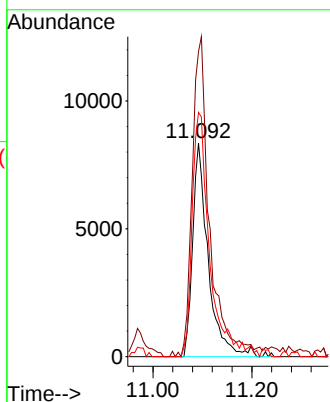
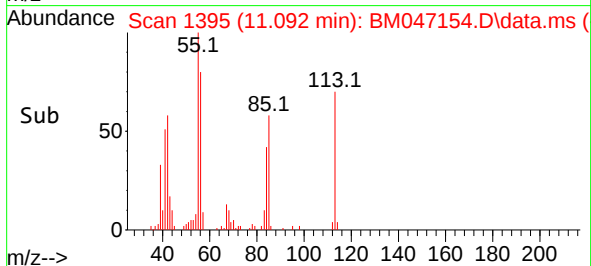
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:113 Resp: 18248
Ion Ratio Lower Upper
113 100
55 142.9 140.5 180.5
56 114.4 103.6 143.6

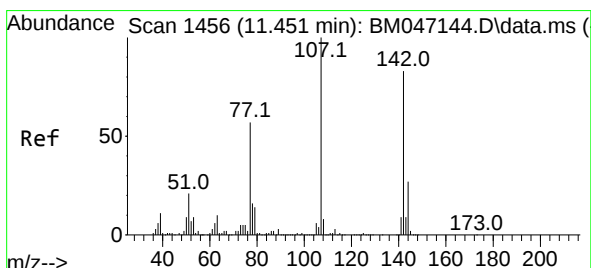
Manual Integrations
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Reviewed By :Yogesh
Patel



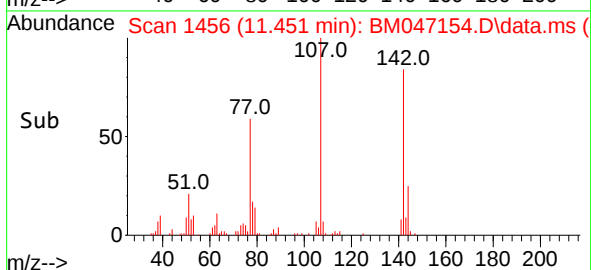
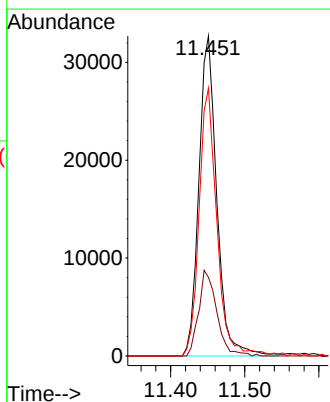
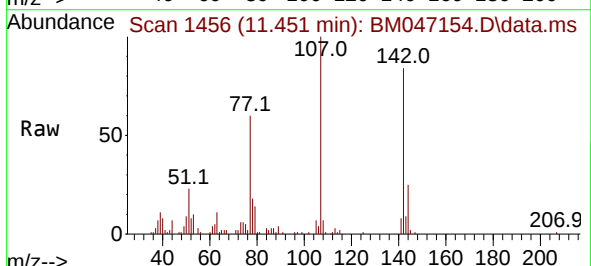
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ahmed

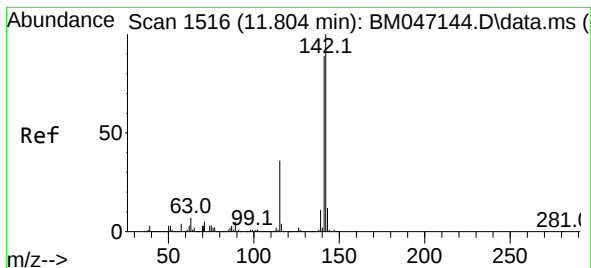
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#36
4-Chloro-3-methylphenol
Concen: 3.402 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

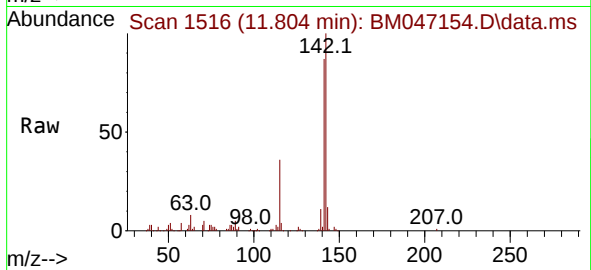
Tgt Ion:107 Resp: 54878
Ion Ratio Lower Upper
107 100
144 24.6 21.8 32.6
142 83.7 66.8 100.2





#37
2-Methylnaphthalene
Concen: 3.676 ng
RT: 11.804 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

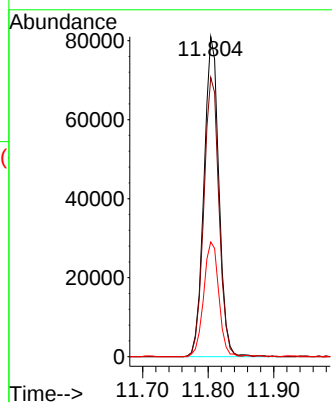
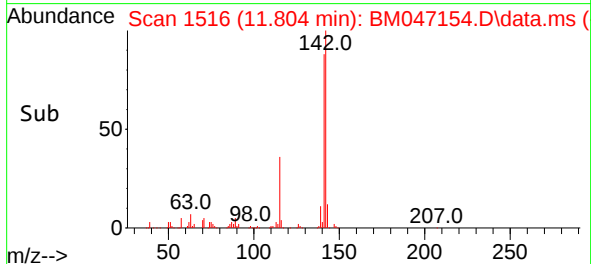
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:142 Resp: 128319
Ion Ratio Lower Upper
142 100
141 87.3 70.9 106.3
115 35.9 28.7 43.1

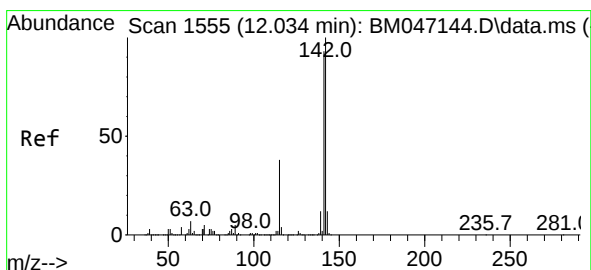
Manual Integrations
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Reviewed By :Yogesh
Patel

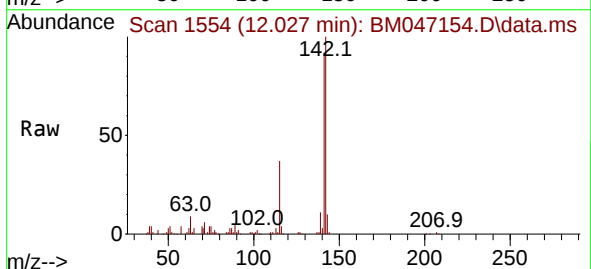


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ahmed

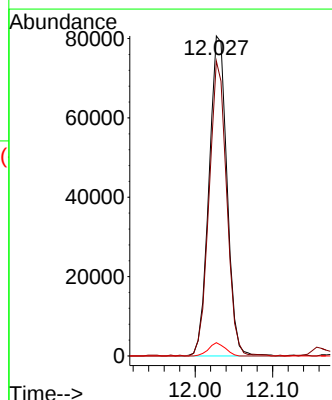
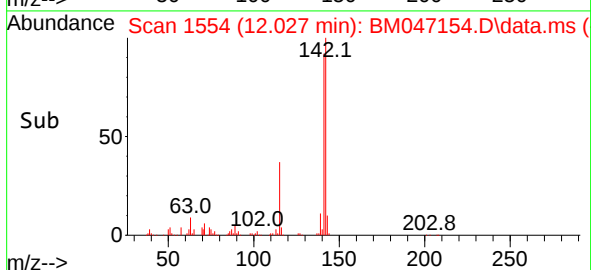
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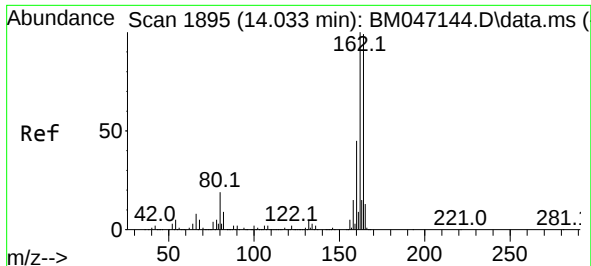


#38
1-Methylnaphthalene
Concen: 3.757 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



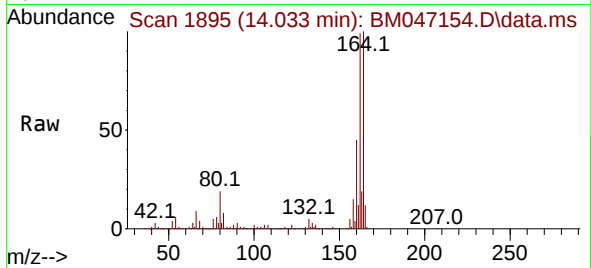
Tgt Ion:142 Resp: 129616
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8
116 4.2 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.033 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

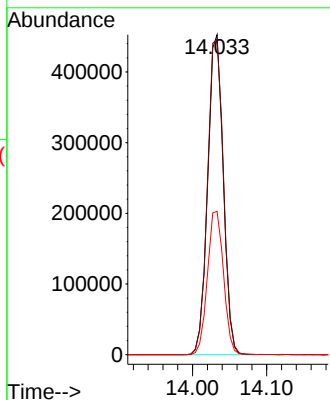
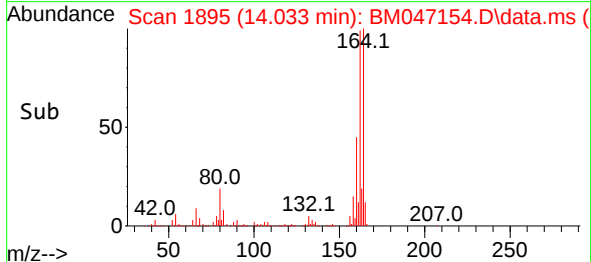
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:164 Resp: 657208
Ion Ratio Lower Upper
164 100
162 98.6 80.7 121.1
160 44.8 36.0 54.0

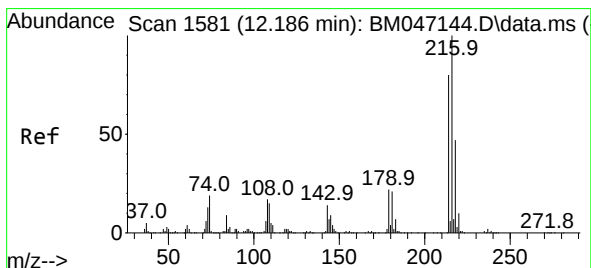
Manual Integrations
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Reviewed By :Yogesh
Patel

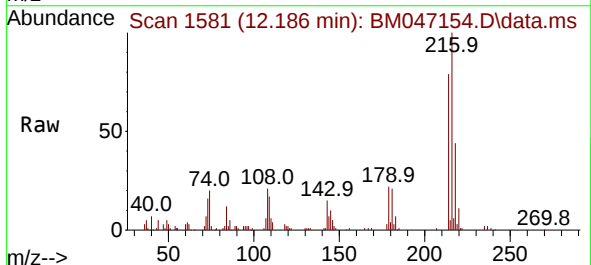


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Supervised By :mohammad
ahmed

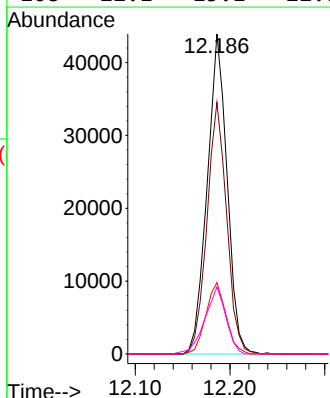
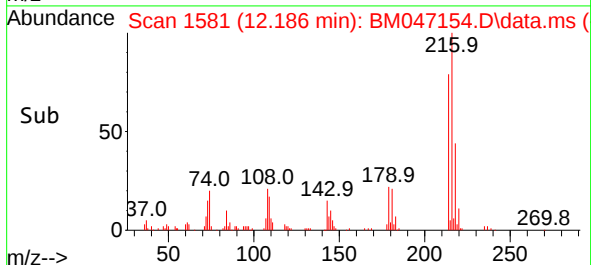
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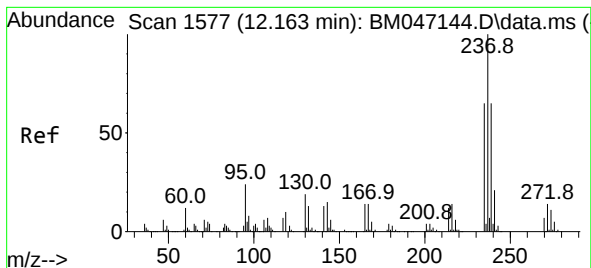


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.570 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



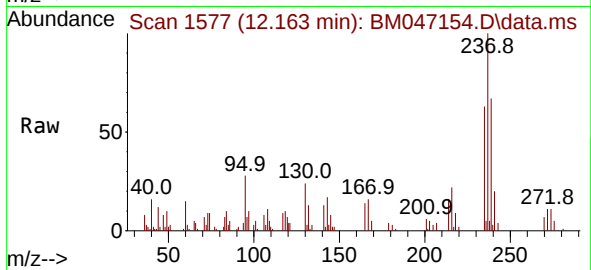
Tgt Ion:216 Resp: 63989
Ion Ratio Lower Upper
216 100
214 77.7 63.4 95.2
179 22.5 17.6 26.4
108 22.1 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 3.576 ng
RT: 12.163 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

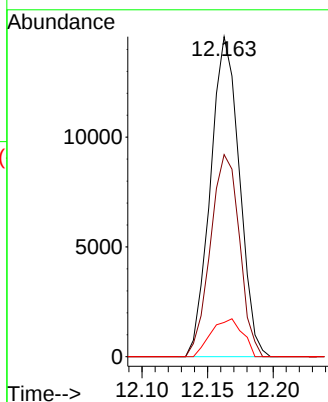
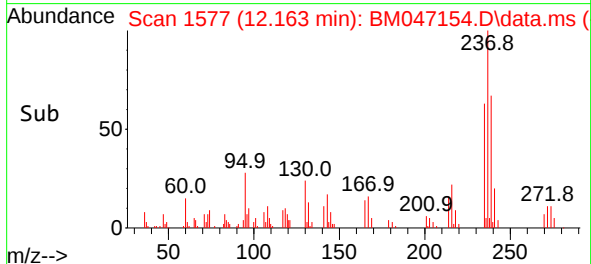
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:237 Resp: 2238
Ion Ratio Lower Upper
237 100
235 63.2 44.8 84.8
272 10.7 0.0 33.5

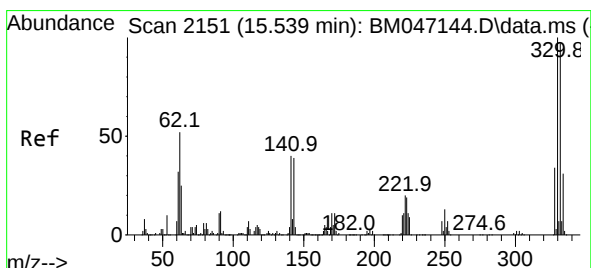
Manual Integrations
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Reviewed By :Yogesh
Patel

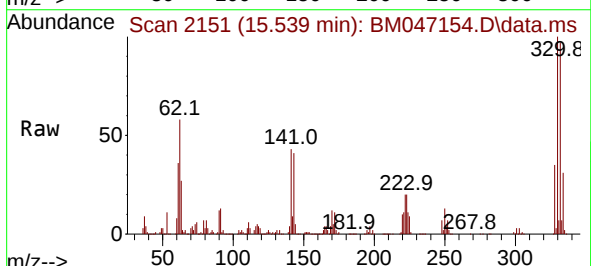


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Supervised By :mohammad
ahmed

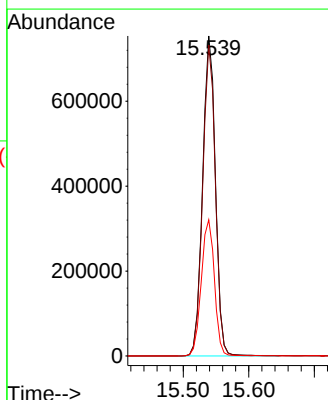
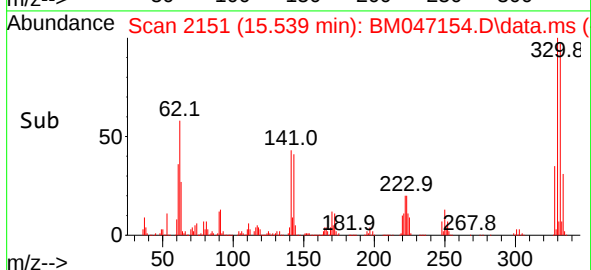
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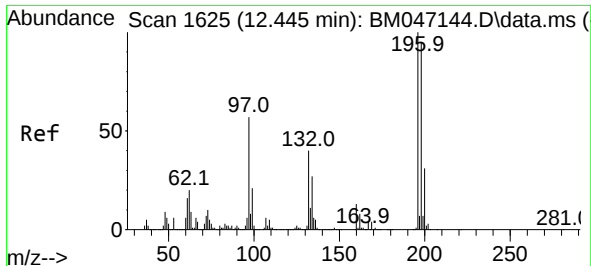


#42
2,4,6-Tribromophenol
Concen: 134.839 ng
RT: 15.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



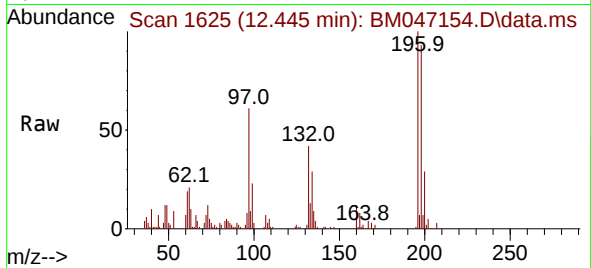
Tgt Ion:330 Resp: 1027530
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 43.6 31.6 47.4





#43
2,4,6-Trichlorophenol
Concen: 3.136 ng
RT: 12.445 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

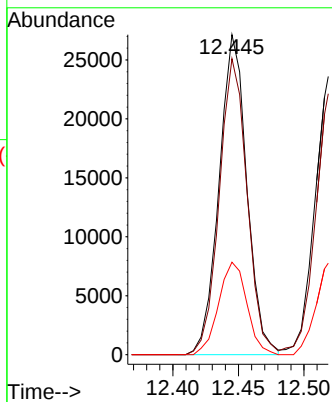
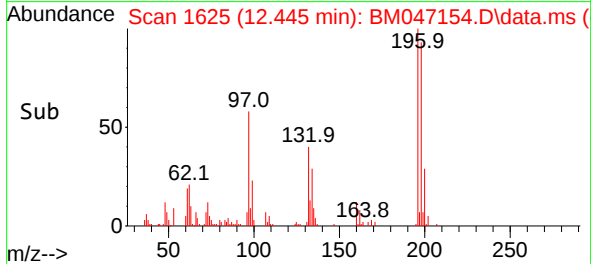
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:196 Resp: 3995
Ion Ratio Lower Upper
196 100
198 92.5 75.6 113.4
200 28.9 24.6 37.0

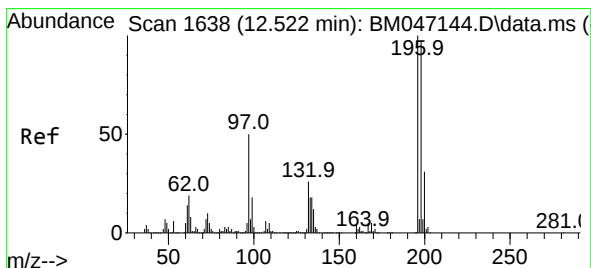
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



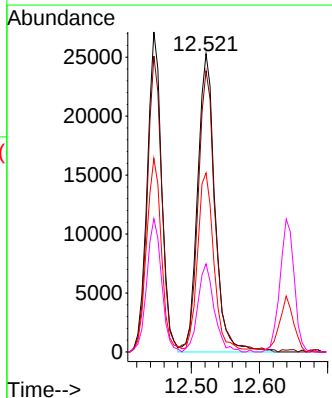
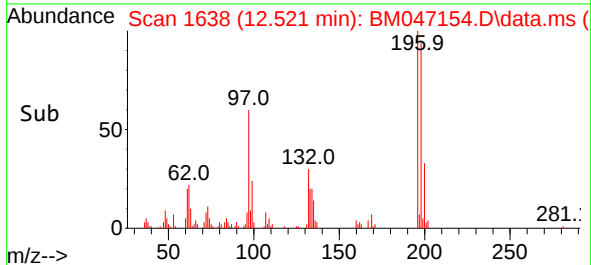
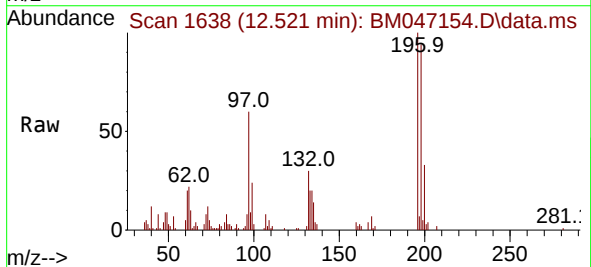
08/13/2024
Supervised By :mohammad
ahmed

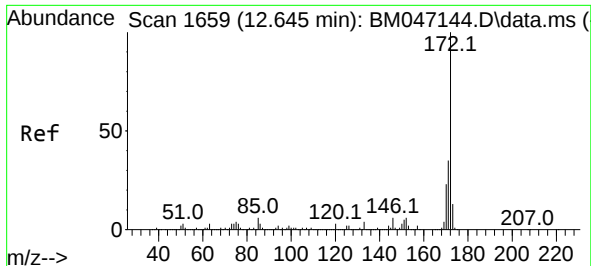
08/14/2024



#44
2,4,5-Trichlorophenol
Concen: 3.163 ng
RT: 12.521 min Scan# 1638
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

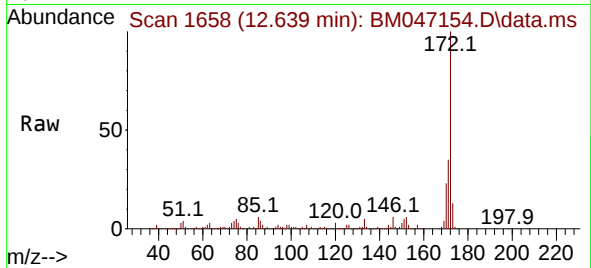
Tgt Ion:196 Resp: 44742
Ion Ratio Lower Upper
196 100
198 94.2 77.7 116.5
97 60.0 39.8 59.8#
132 29.6 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 74.450 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

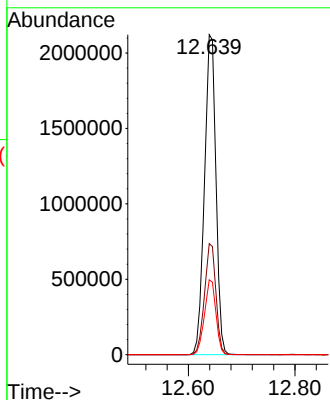
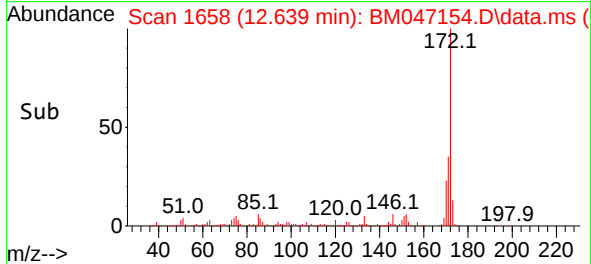
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:172 Resp: 317200
Ion Ratio Lower Upper
172 100
171 34.7 27.8 41.6
170 23.4 18.7 28.1

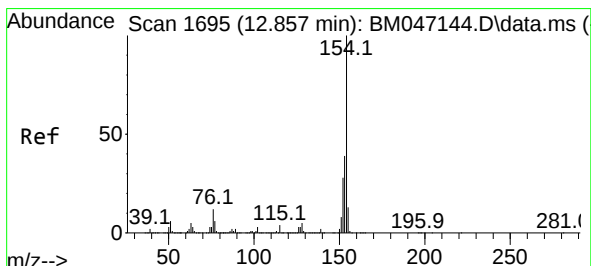
Manual Integrations
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Reviewed By :Yogesh
Patel



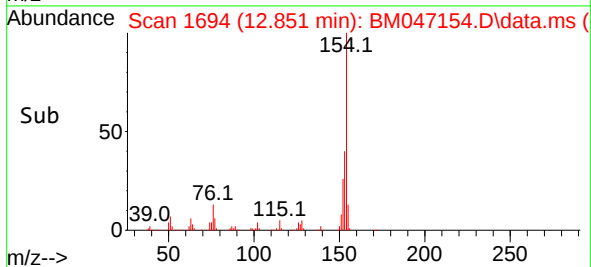
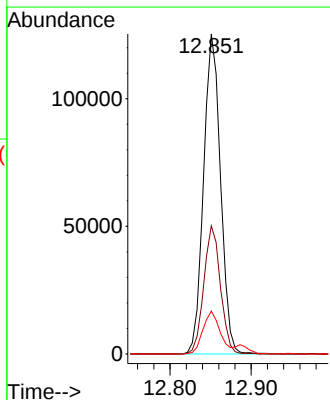
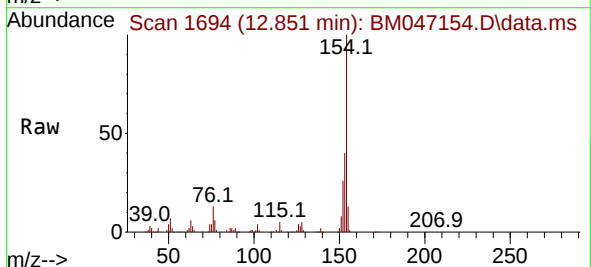
08/13/2024
Supervised By :mohammad
ahmed

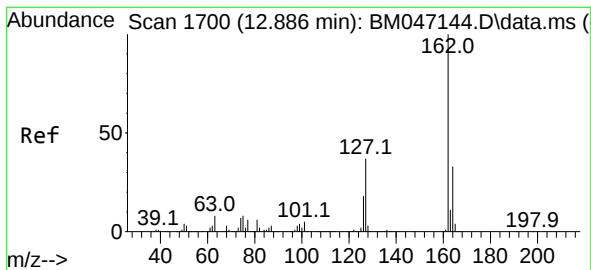
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#46
1,1'-Biphenyl
Concen: 3.879 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

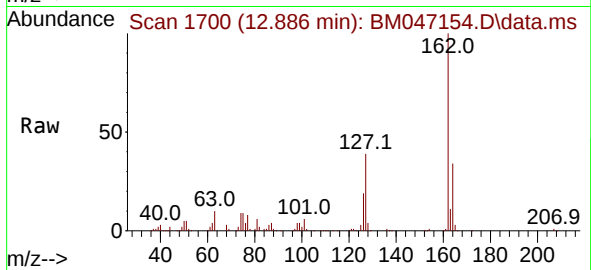
Tgt Ion:154 Resp: 181499
Ion Ratio Lower Upper
154 100
153 40.0 19.0 59.0
76 13.4 0.0 31.9





#47
2-Chloronaphthalene
Concen: 3.853 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

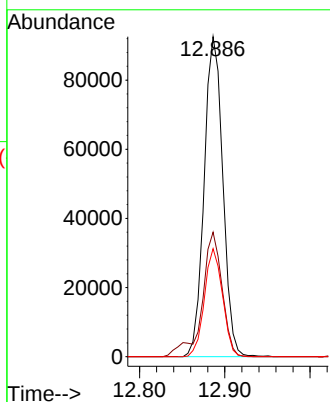
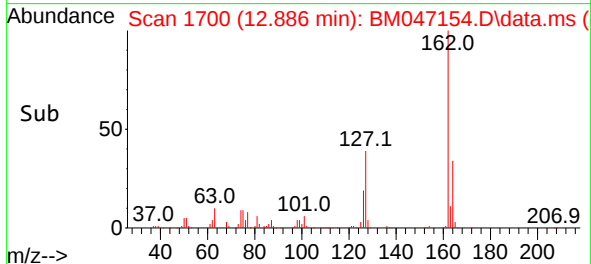
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:162 Resp: 140909
Ion Ratio Lower Upper
162 100
127 38.9 30.0 45.0
164 33.7 26.3 39.5

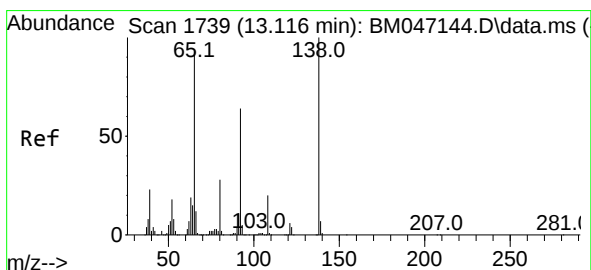
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Reviewed By :Yogesh
Patel

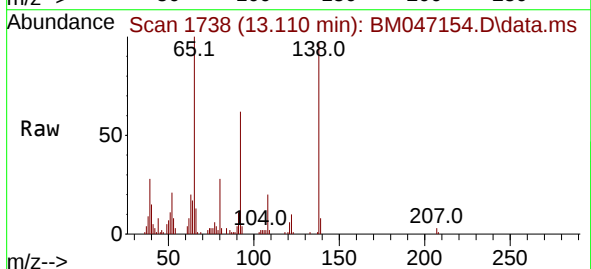


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Supervised By :mohammad
ahmed

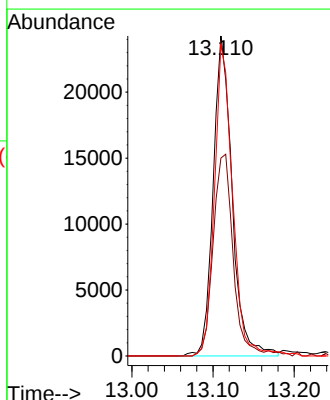
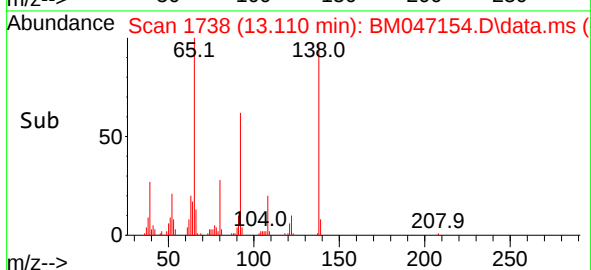
08/14/2024

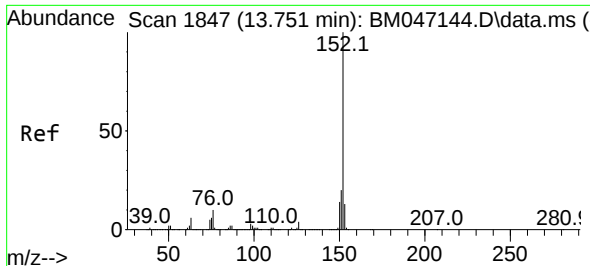


#48
2-Nitroaniline
Concen: 3.429 ng
RT: 13.110 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



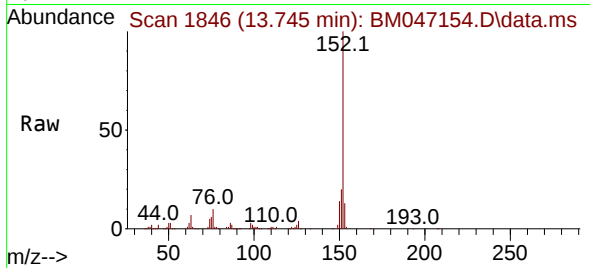
Tgt Ion: 65 Resp: 39286
Ion Ratio Lower Upper
65 100
92 61.8 55.1 82.7
138 97.4 85.9 128.9





#49
Acenaphthylene
Concen: 4.129 ng
RT: 13.745 min Scan# 1846
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

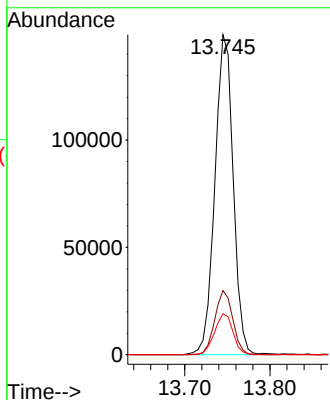
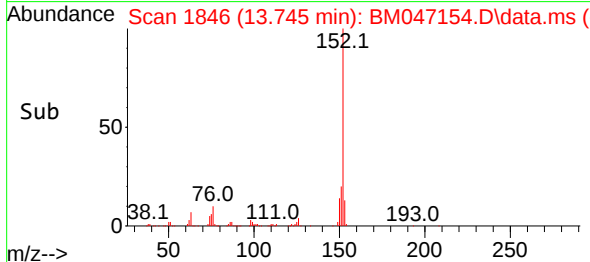
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:152 Resp: 22258
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.6
153 12.8 10.4 15.6

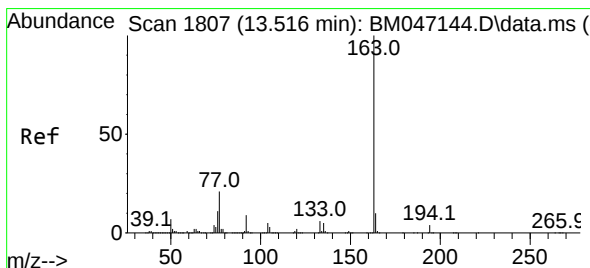
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Reviewed By :Yogesh
Patel

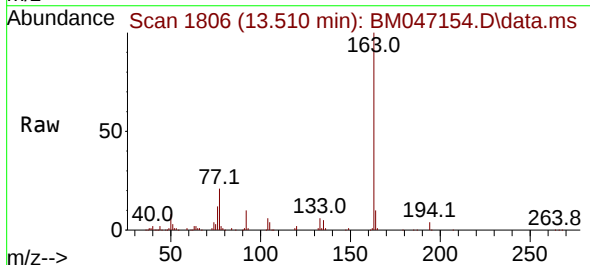


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Supervised By :mohammad
ahmed

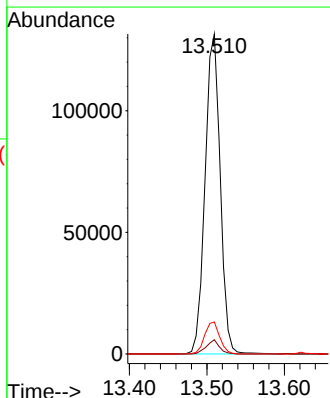
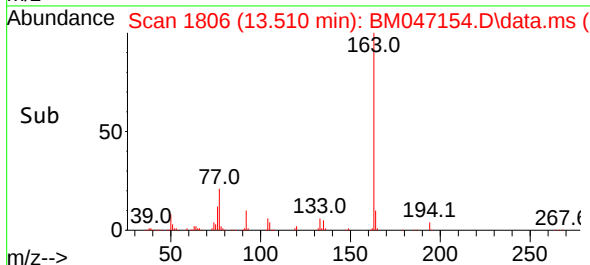
08/14/2024

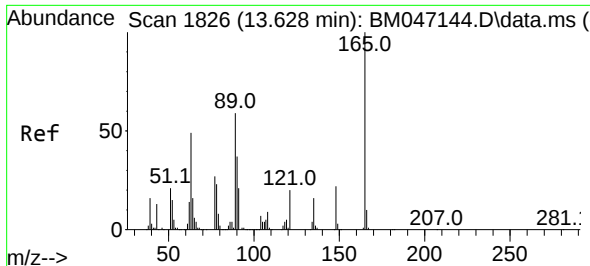


#50
Dimethylphthalate
Concen: 3.887 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



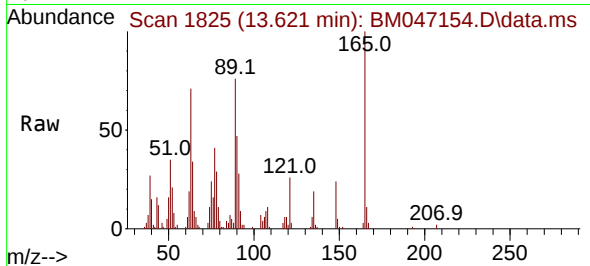
Tgt Ion:163 Resp: 178420
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.6
164 10.0 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 3.168 ng
RT: 13.621 min Scan# 1825
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

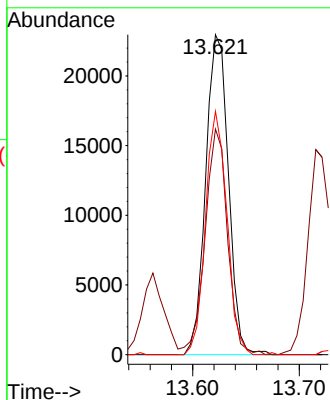
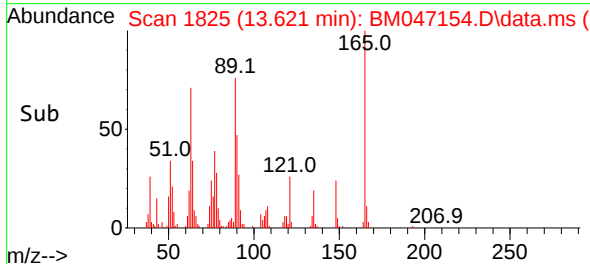
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:165 Resp: 33992
Ion Ratio Lower Upper
165 100
63 70.5 46.5 69.7
89 76.1 47.3 70.9

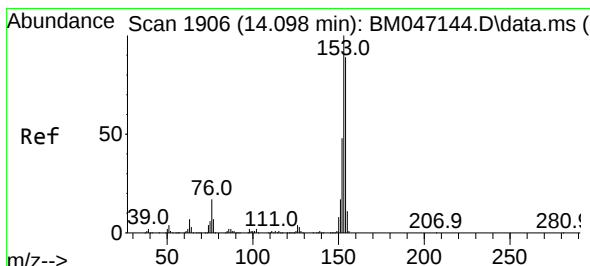
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Patel



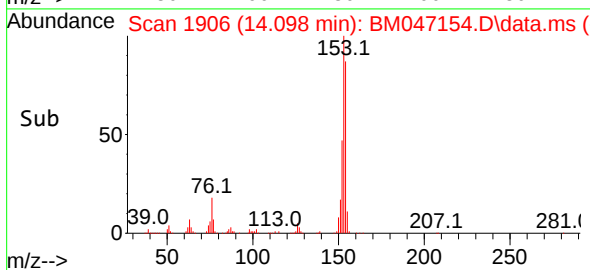
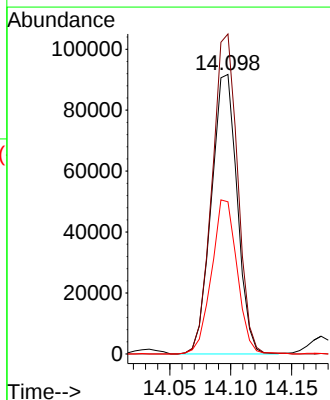
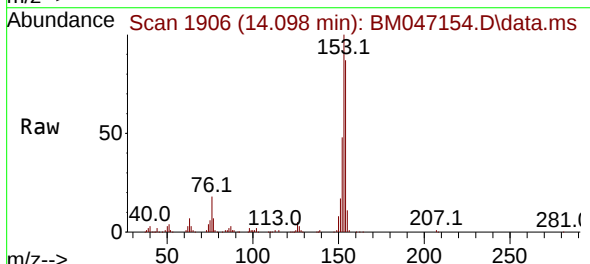
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ahmed

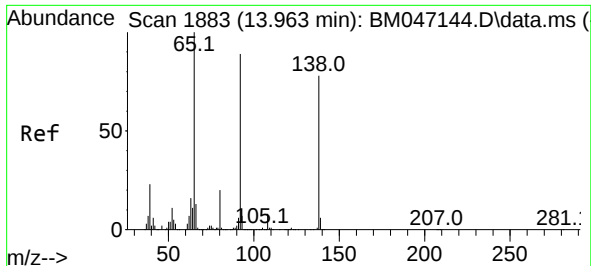
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#52
Acenaphthene
Concen: 3.959 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

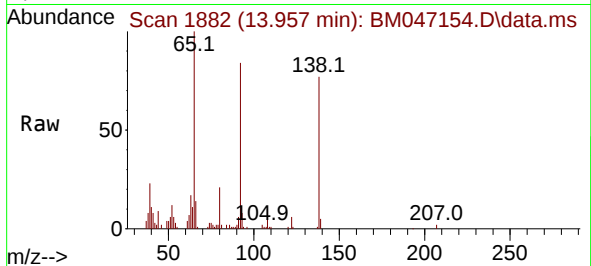
Tgt Ion:154 Resp: 135376
Ion Ratio Lower Upper
154 100
153 114.5 90.3 135.5
152 54.4 42.9 64.3





#53
3-Nitroaniline
Concen: 3.481 ng
RT: 13.957 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

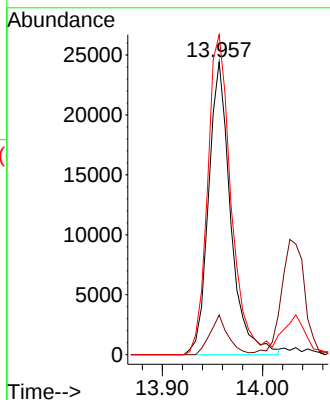
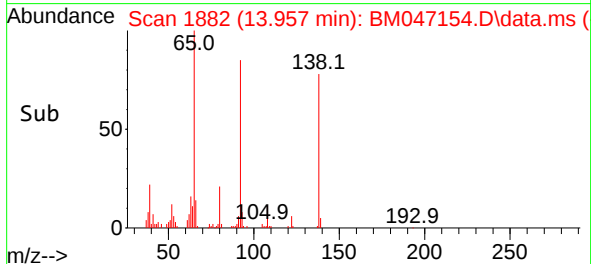
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:138 Resp: 37430
Ion Ratio Lower Upper
138 100
108 13.6 7.9 11.9
92 109.3 92.0 138.0

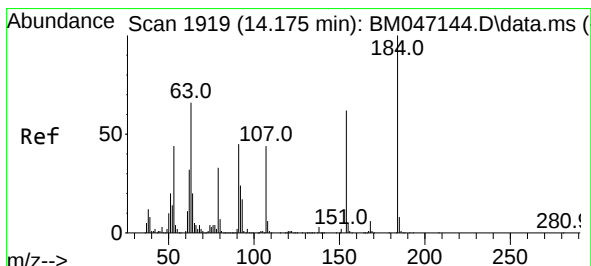
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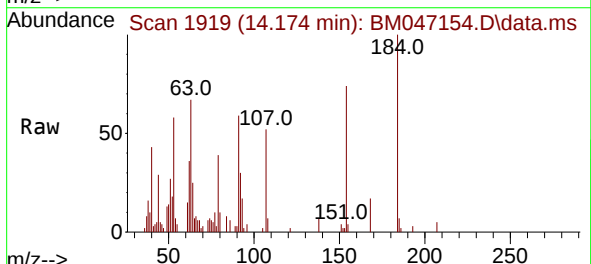


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Supervised By :mohammad
ahmed

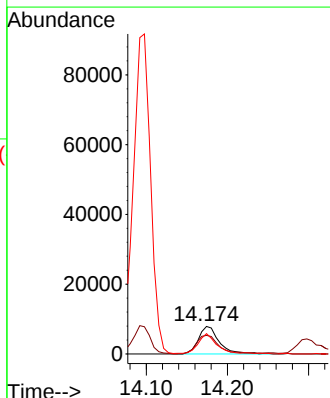
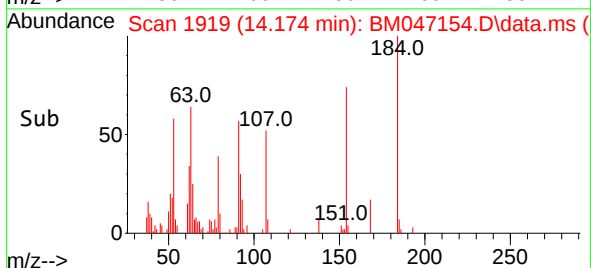
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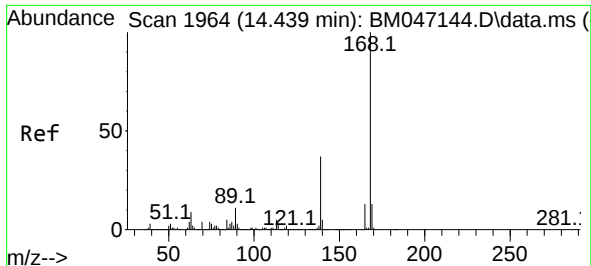


#54
2,4-Dinitrophenol
Concen: 2.153 ng
RT: 14.174 min Scan# 1919
Delta R.T. -0.001 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



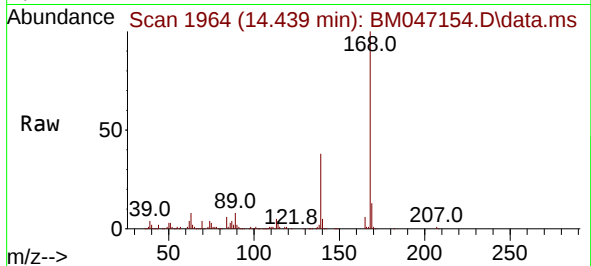
Tgt Ion:184 Resp: 13843
Ion Ratio Lower Upper
184 100
63 67.3 52.7 79.1
154 73.9 50.4 75.6





#55
Dibenzofuran
Concen: 4.162 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

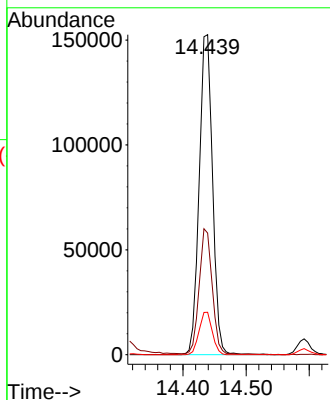
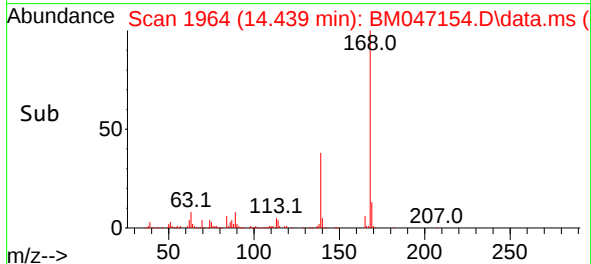
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 224798
Ion Ratio Lower Upper
168 100
139 38.0 29.6 44.4
169 13.3 10.7 16.1

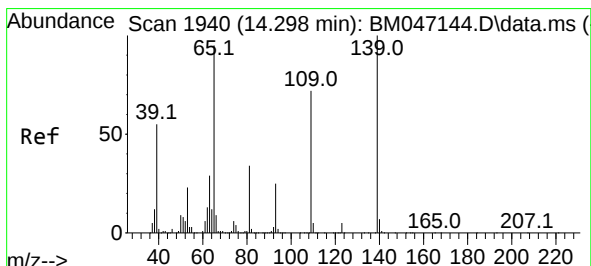
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Patel



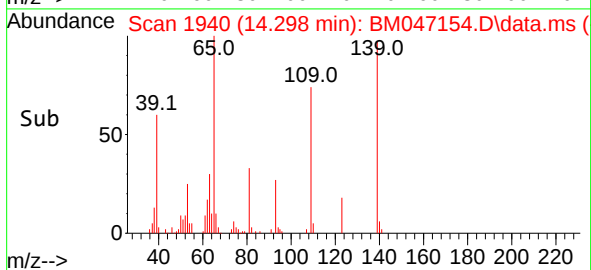
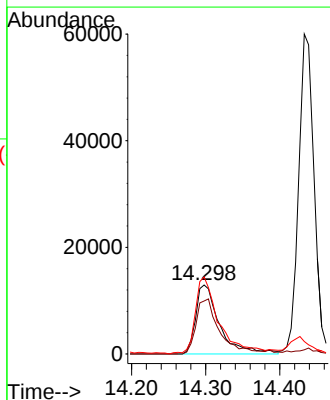
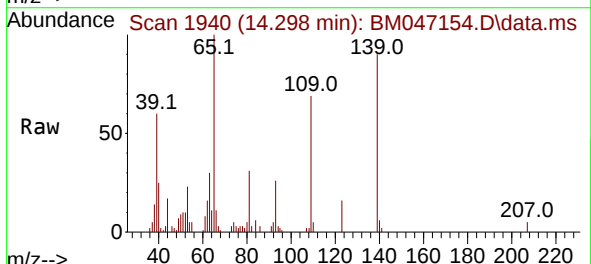
08/13/2024
Supervised By :mohammad
ahmed

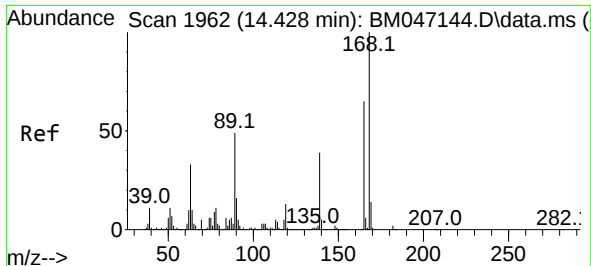
08/14/2024



#56
4-Nitrophenol
Concen: 3.136 ng
RT: 14.298 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

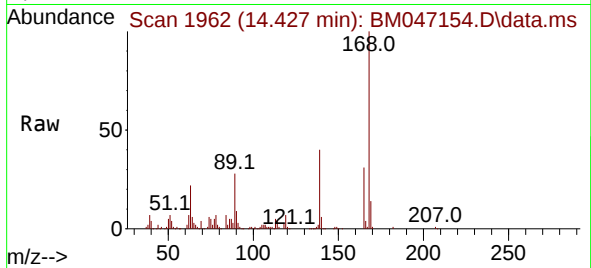
Tgt Ion:139 Resp: 29070
Ion Ratio Lower Upper
139 100
109 76.8 52.5 92.5
65 111.7 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 3.168 ng
RT: 14.427 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

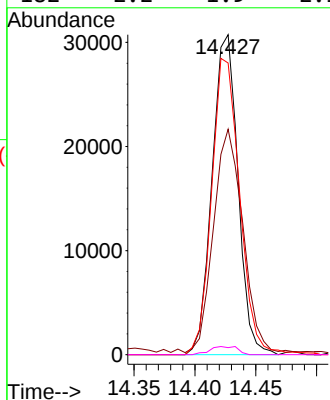
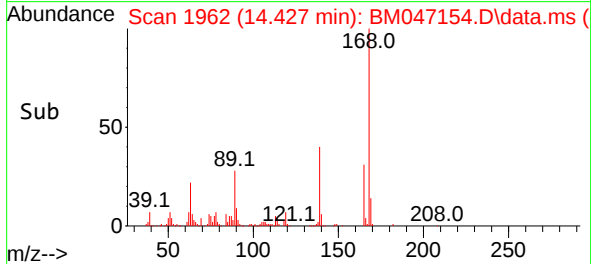
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	165	Resp:	45374
Ion Ratio	Lower	Upper	
165	100		
63	70.5	40.3	60.5
89	91.1	61.0	91.6
182	2.2	1.9	2.9

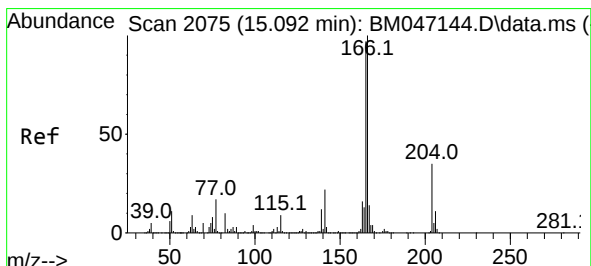
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Reviewed By :Yogesh
Patel

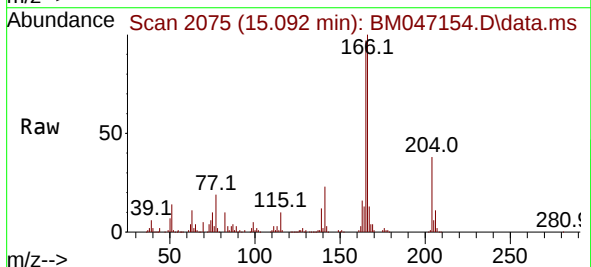


08/13/2024
Supervised By :mohammad
ahmed

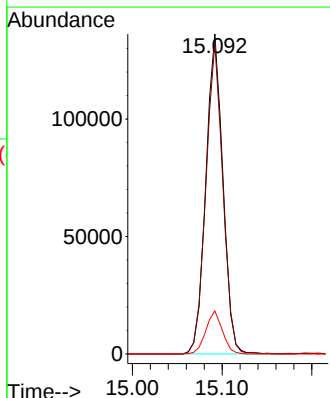
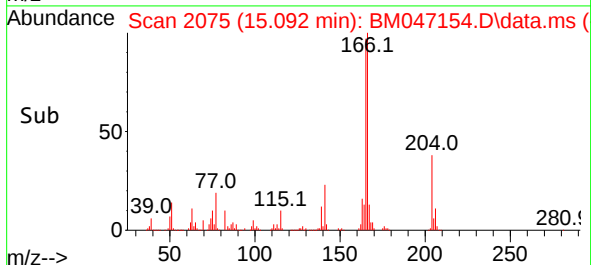
08/14/2024

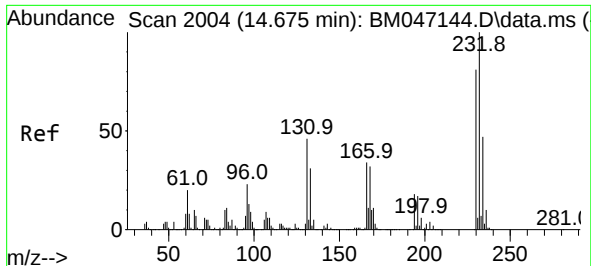


#58
Fluorene
Concen: 4.028 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



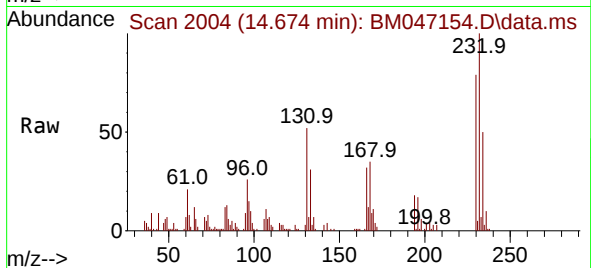
Tgt Ion:	166	Resp:	179514
Ion Ratio	Lower	Upper	
166	100		
165	97.0	77.4	116.0
167	13.5	11.0	16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.516 ng m
RT: 14.674 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

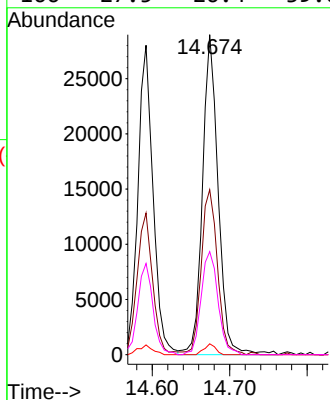
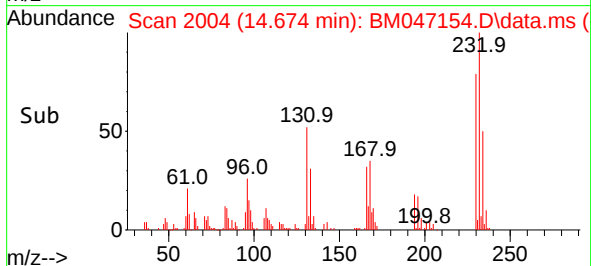
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:232 Resp: 4088
Ion Ratio Lower Upper
232 100
131 43.7 36.9 55.3
130 2.8 2.0 3.0
166 27.5 26.4 39.6

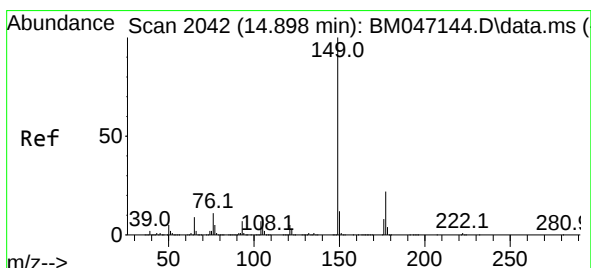
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

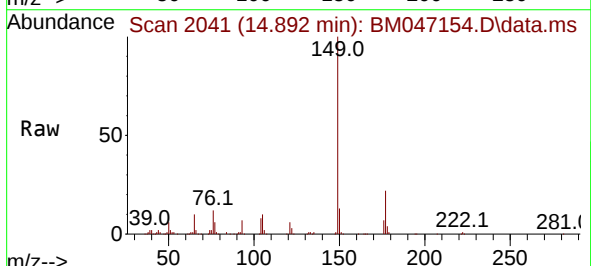


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Supervised By :mohammad
ahmed

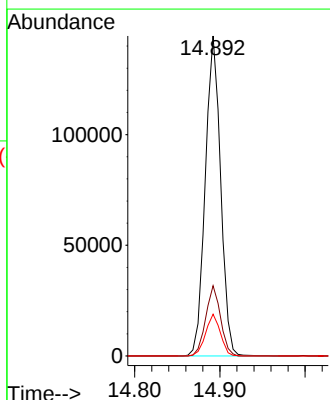
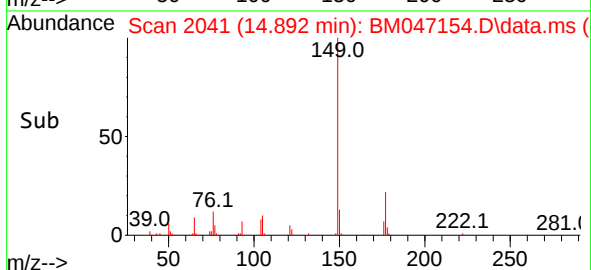
08/14/2024

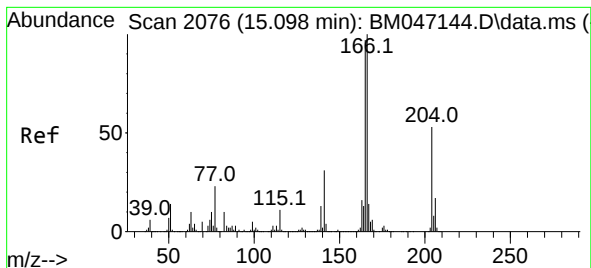


#60
Diethylphthalate
Concen: 3.857 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



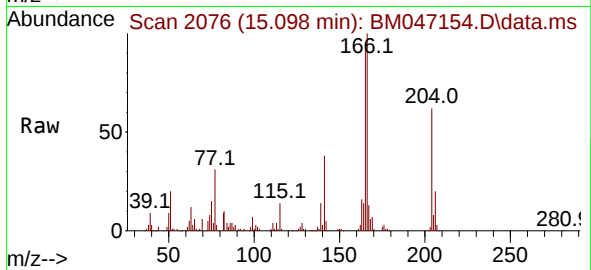
Tgt Ion:149 Resp: 180763
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 13.0 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 3.929 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

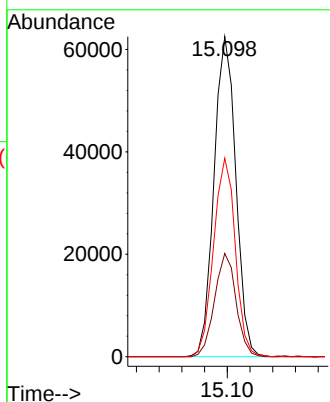
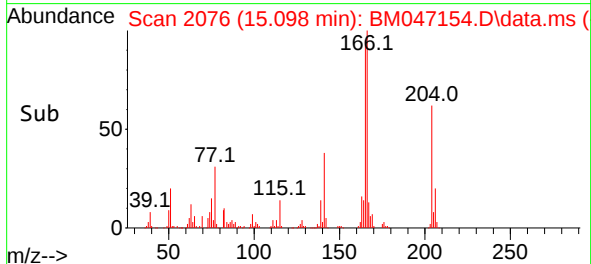
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:204 Resp: 83360
Ion Ratio Lower Upper
204 100
206 32.2 26.2 39.4
141 62.0 47.2 70.8

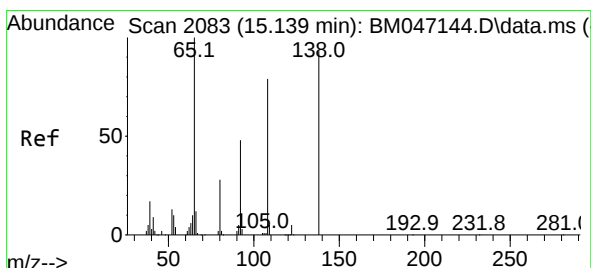
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

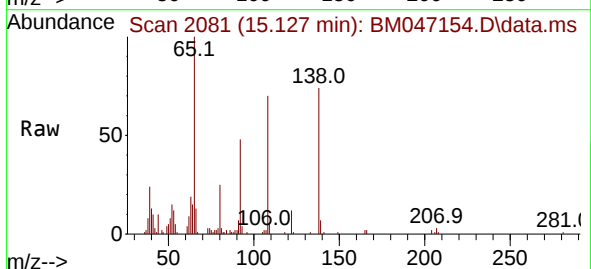


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Supervised By :mohammad
ahmed

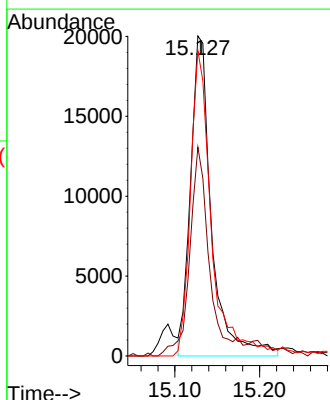
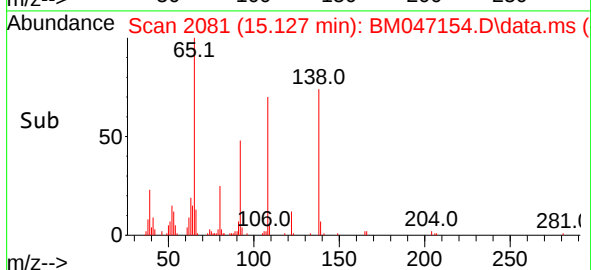
08/14/2024

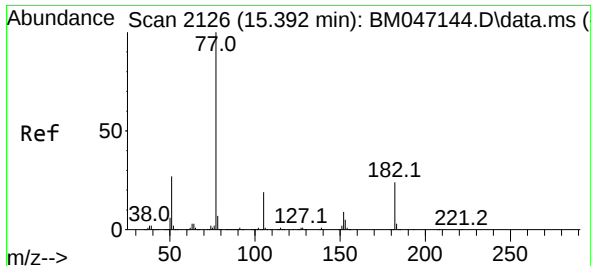


#62
4-Nitroaniline
Concen: 3.256 ng m
RT: 15.127 min Scan# 2081
Delta R.T. -0.012 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



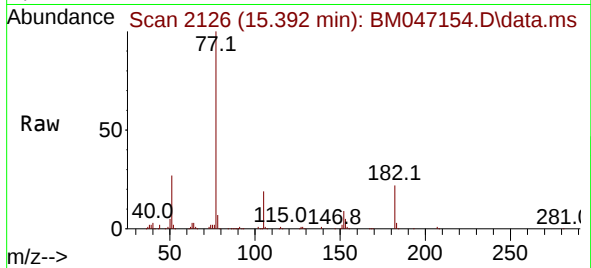
Tgt Ion:138 Resp: 34486
Ion Ratio Lower Upper
138 100
92 65.2 31.9 71.9
108 95.4 63.8 103.8





#63
Azobenzene
Concen: 4.090 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

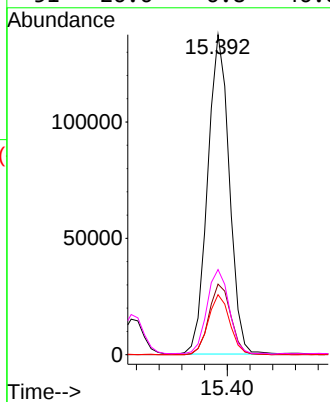
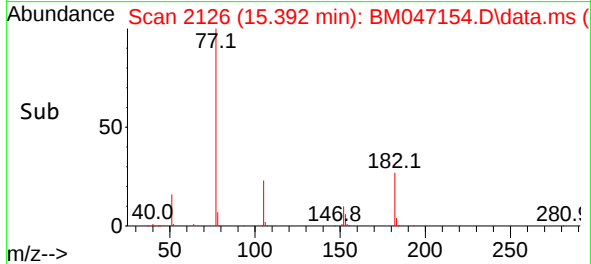
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 77 Resp: 181779
Ion Ratio Lower Upper
77 100
182 22.0 3.8 43.8
105 18.7 0.0 39.5
51 26.6 6.8 46.8

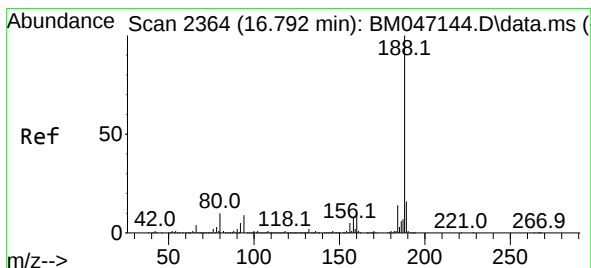
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



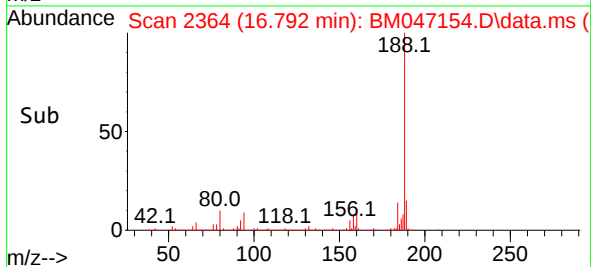
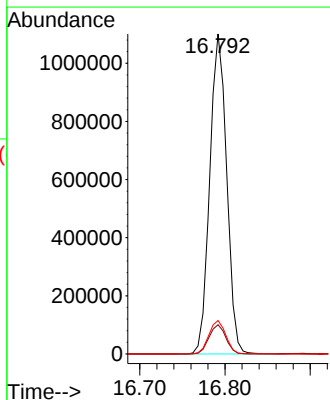
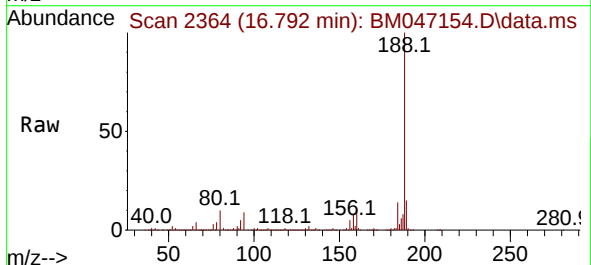
08/13/2024
Supervised By :mohammad
ahmed

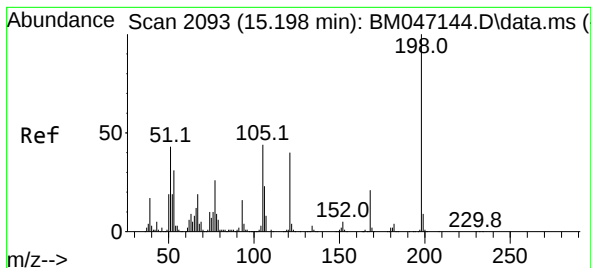
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.792 min Scan# 2364
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

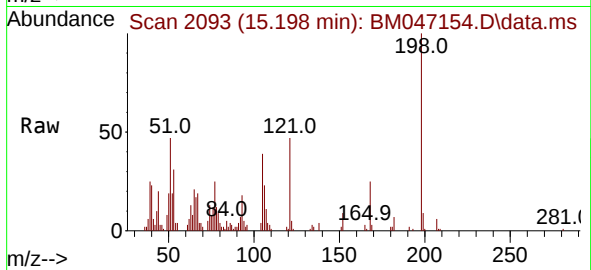
Tgt Ion:188 Resp: 1516781
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.6
80 10.4 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 2.346 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

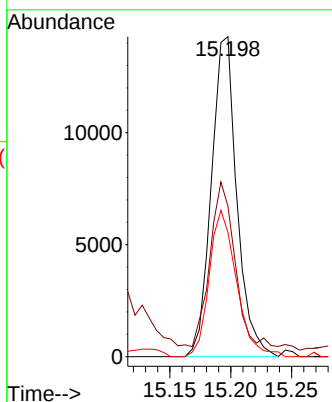
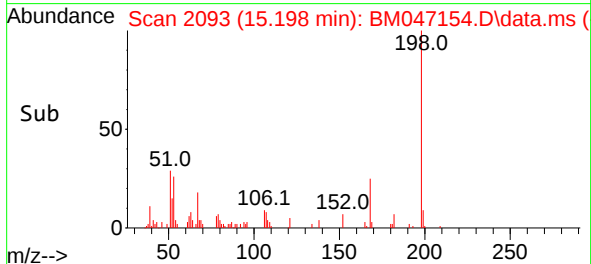
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:198 Resp: 20838
Ion Ratio Lower Upper
198 100
51 47.0 23.9 63.9
105 38.8 24.3 64.3

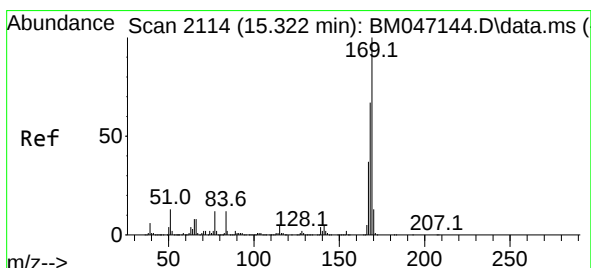
Manual Integrations
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Reviewed By :Yogesh
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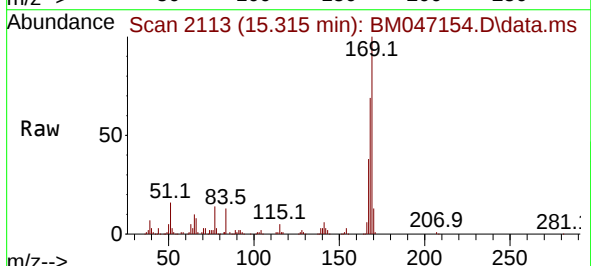


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Supervised By :mohammad
ahmed

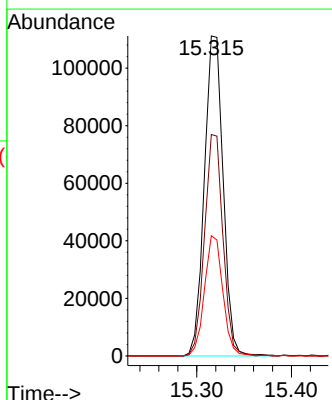
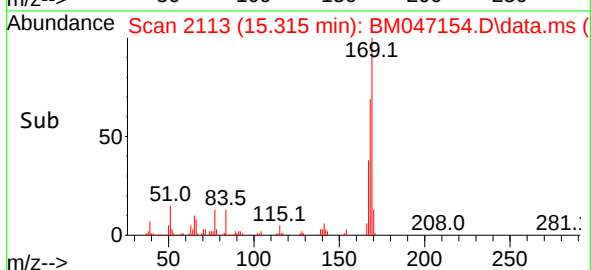
08/14/2024

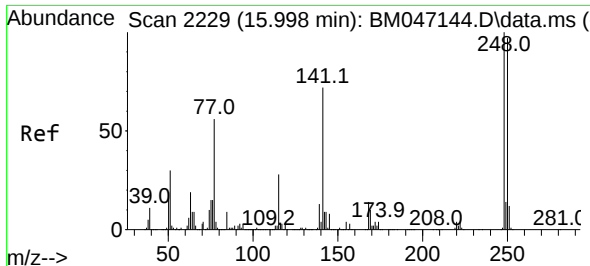


#66
n-Nitrosodiphenylamine
Concen: 3.710 ng
RT: 15.315 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



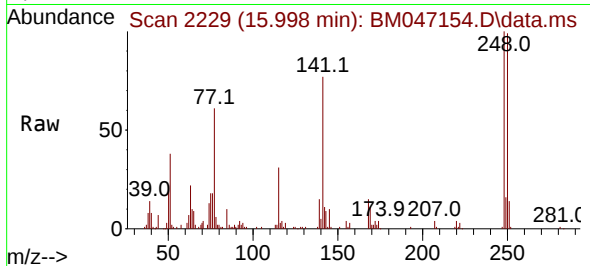
Tgt Ion:169 Resp: 153280
Ion Ratio Lower Upper
169 100
168 69.2 53.8 80.8
167 37.6 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 3.401 ng
RT: 15.998 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

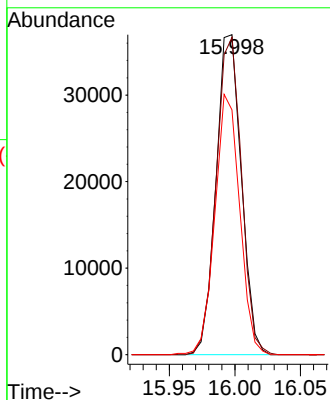
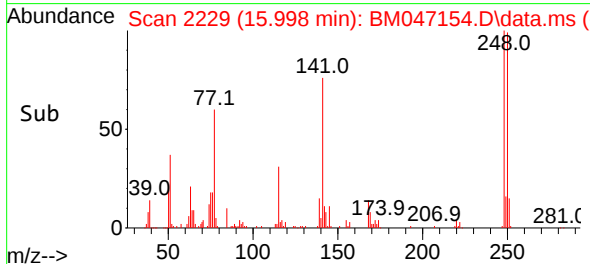
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:248 Resp: 4970
Ion Ratio Lower Upper
248 100
250 99.1 77.8 116.8
141 76.5 57.7 86.5

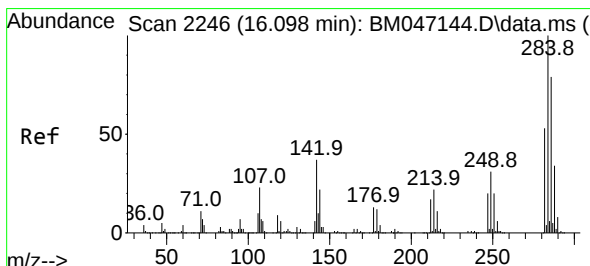
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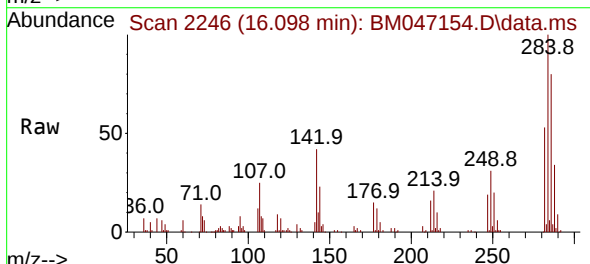


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Supervised By :mohammad
ahmed

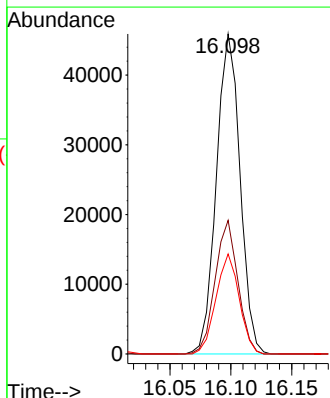
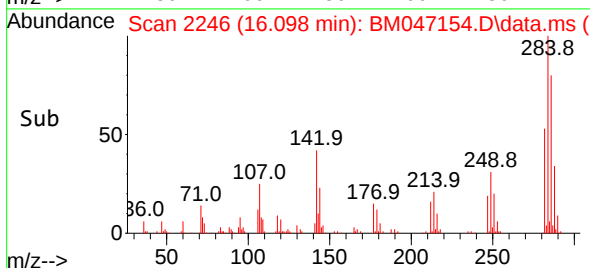
08/14/2024

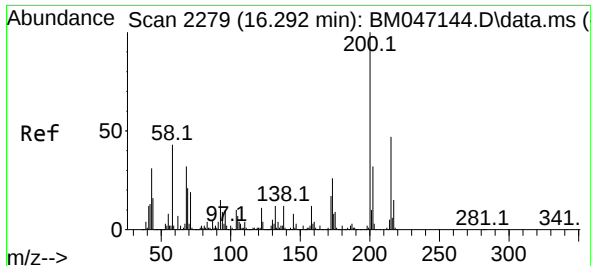


#68
Hexachlorobenzene
Concen: 3.550 ng
RT: 16.098 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



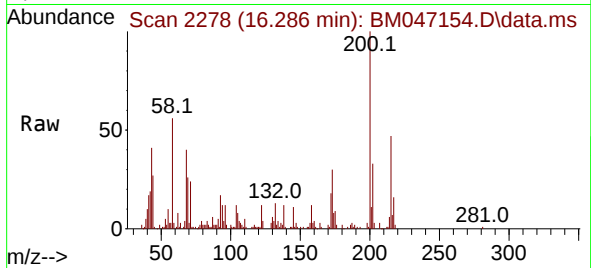
Tgt Ion:284 Resp: 62136
Ion Ratio Lower Upper
284 100
142 41.7 29.4 44.0
249 31.3 25.1 37.7





#69
Atrazine
Concen: 4.135 ng
RT: 16.286 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

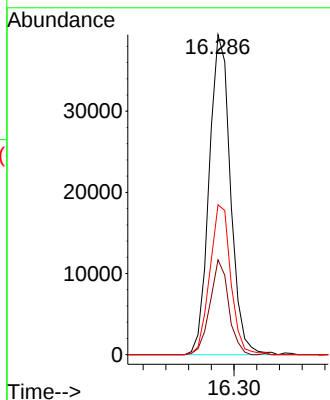
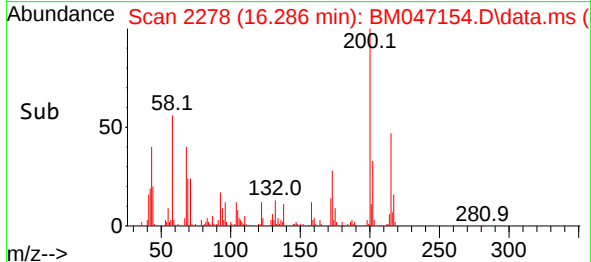
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:200 Resp: 51410
Ion Ratio Lower Upper
200 100
173 29.7 6.1 46.1
215 46.8 26.8 66.8

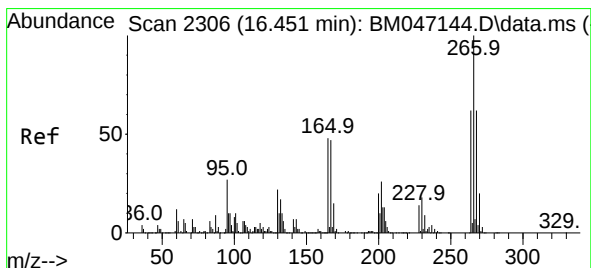
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

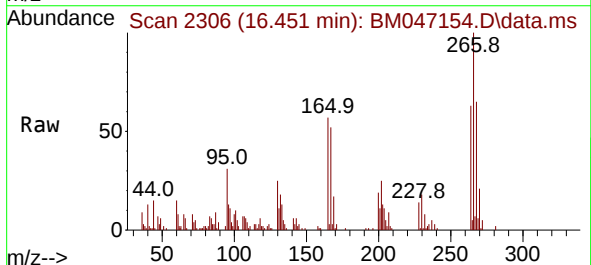


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Supervised By :mohammad
ahmed

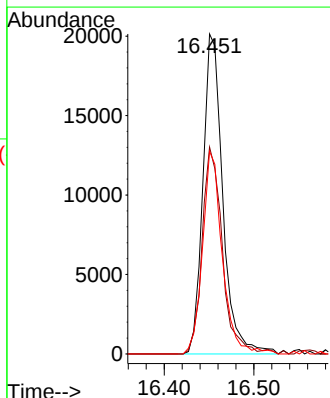
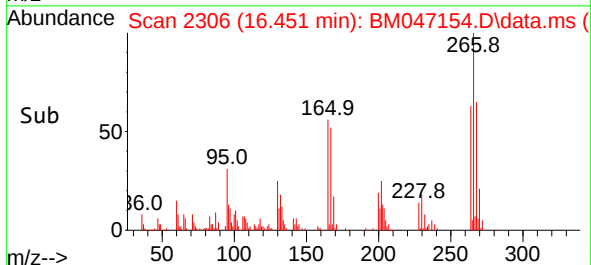
08/14/2024

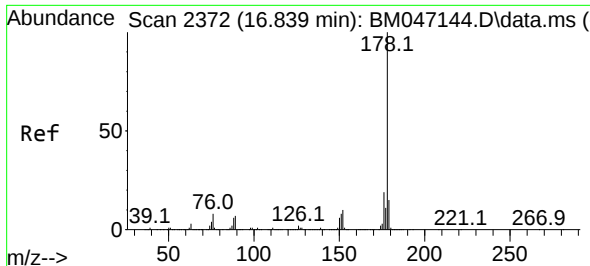


#70
Pentachlorophenol
Concen: 2.521 ng
RT: 16.451 min Scan# 2306
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



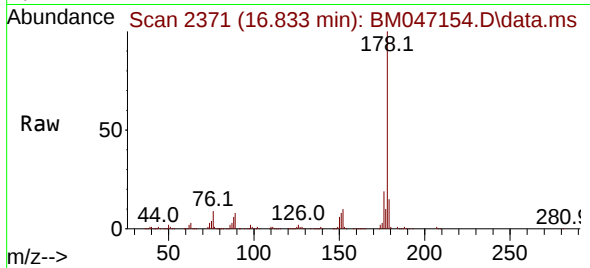
Tgt Ion:266 Resp: 30940
Ion Ratio Lower Upper
266 100
268 64.7 49.8 74.6
264 63.3 49.6 74.4





#71
Phenanthrene
Concen: 3.945 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

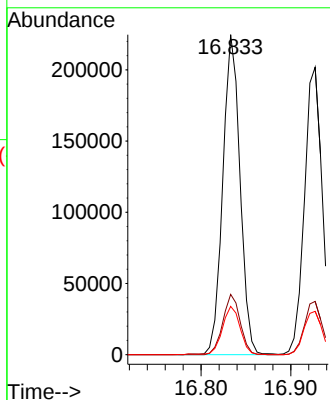
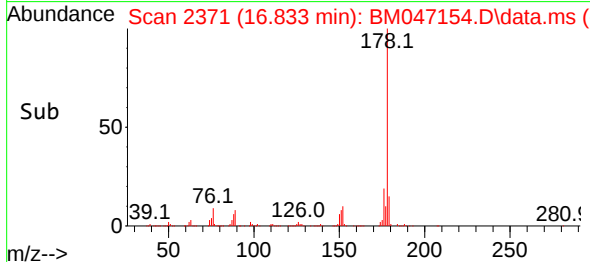
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:178 Resp: 30026
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.1 12.4 18.6

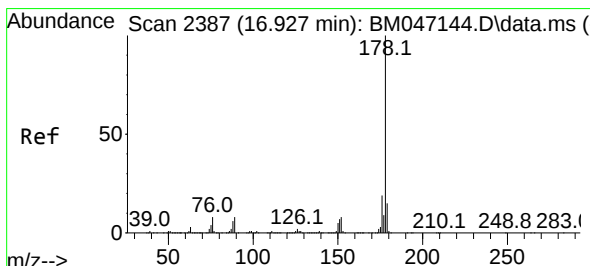
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

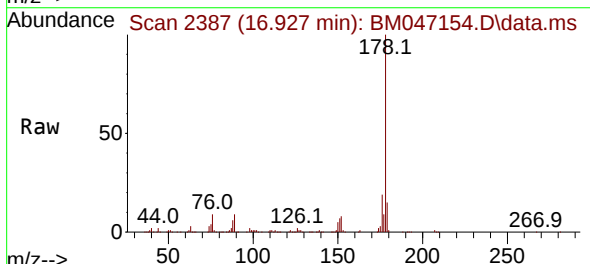


08/13/2024
Supervised By :mohammad
ahmed

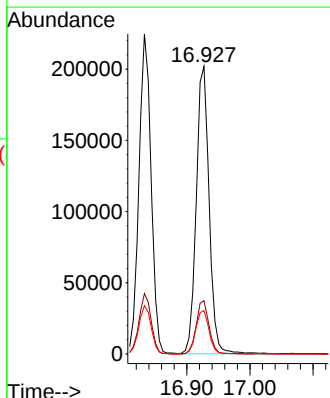
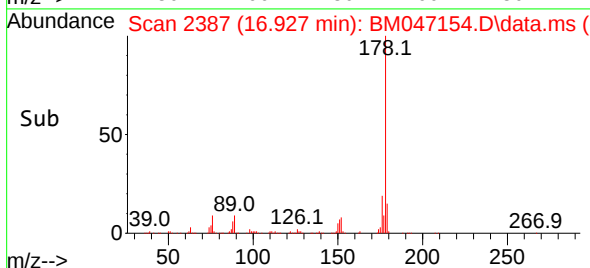
08/14/2024

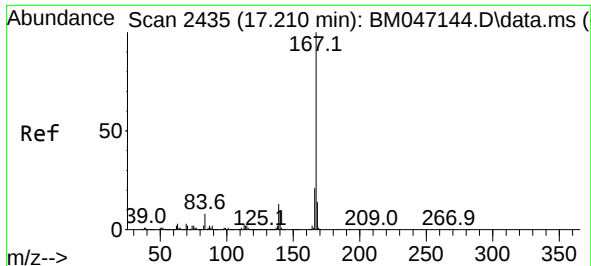


#72
Anthracene
Concen: 3.844 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



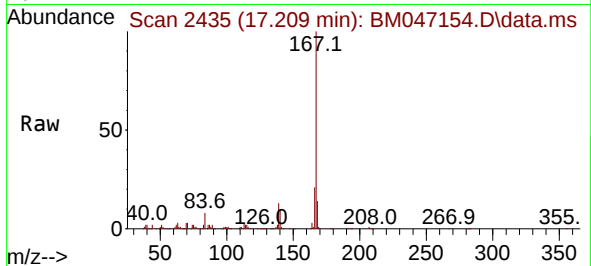
Tgt Ion:178 Resp: 284697
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.1 12.4 18.6





#73
 Carbazole
 Concen: 3.680 ng
 RT: 17.209 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05

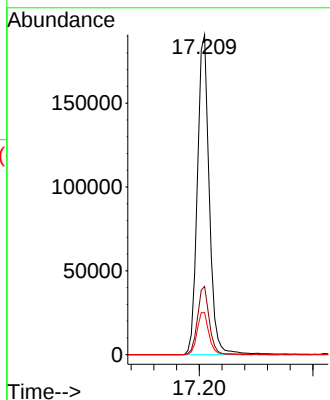
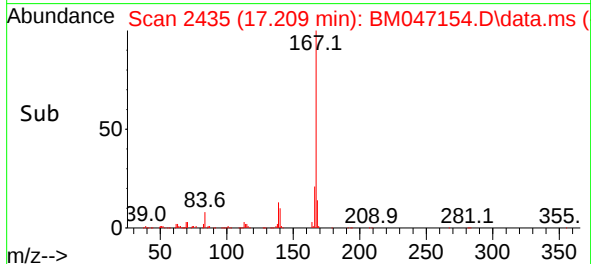
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:167 Resp: 27828
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 13.2 10.0 15.0

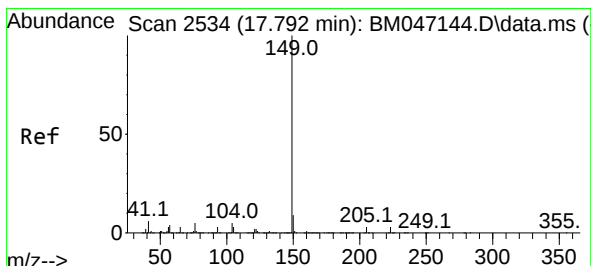
Manual Integrations
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Reviewed By :Yogesh
 Patel

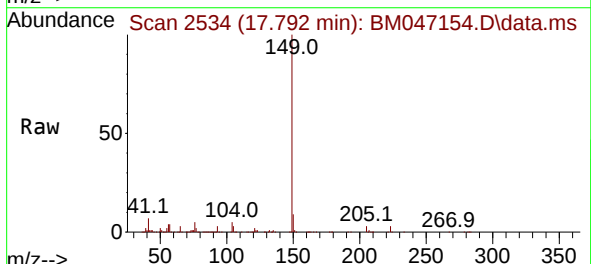


08/13/2024
 Supervised By :mohammad
 ahmed

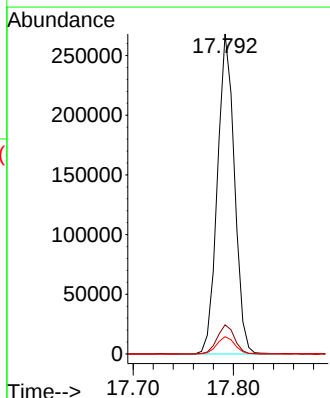
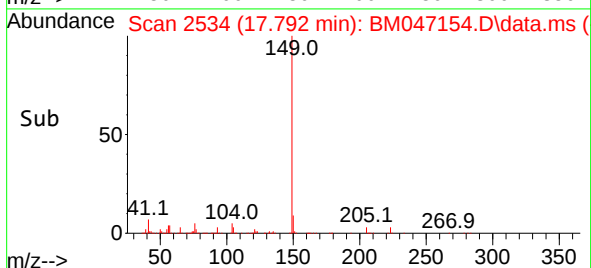
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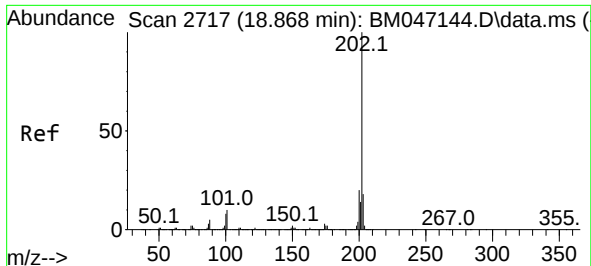


#74
 Di-n-butylphthalate
 Concen: 3.587 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05



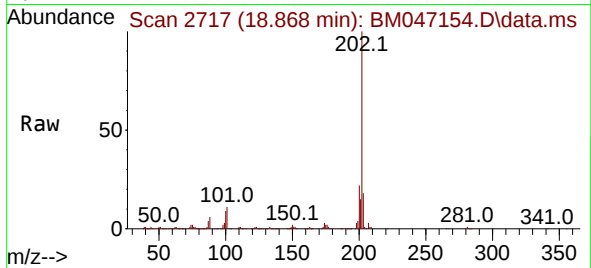
Tgt Ion:149 Resp: 315640
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.4 4.1 6.1





#75
Fluoranthene
Concen: 3.572 ng
RT: 18.868 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

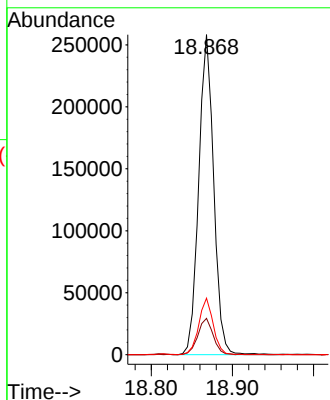
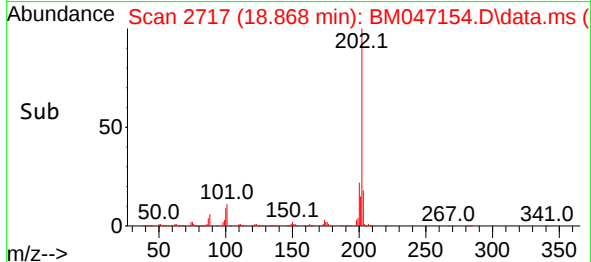
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:202 Resp: 330728
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.2
203 17.7 0.0 37.6

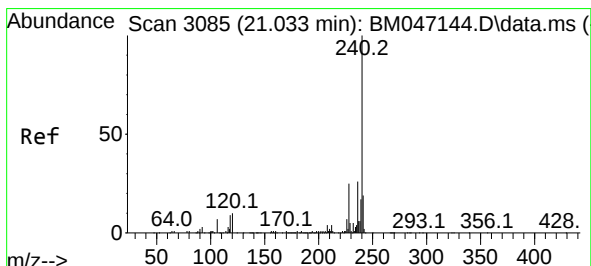
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

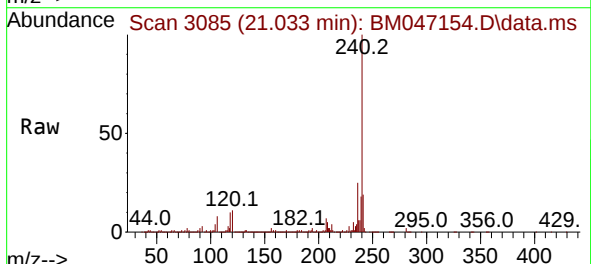


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Supervised By :mohammad
ahmed

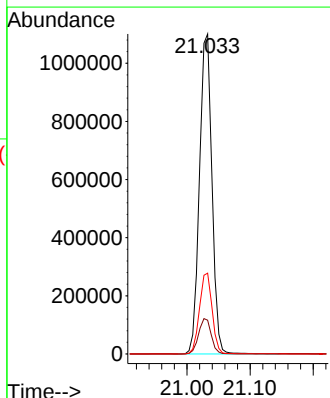
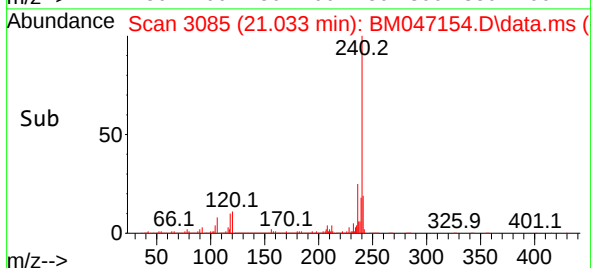
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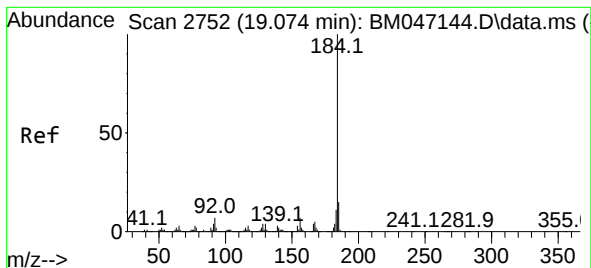


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.033 min Scan# 3085
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



Tgt Ion:240 Resp: 1506974
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.3 20.6 30.8





#77

Benzidine

Concen: 1.950 ng m

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

Instrument :

BNA_M

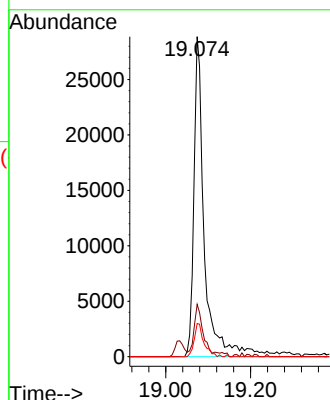
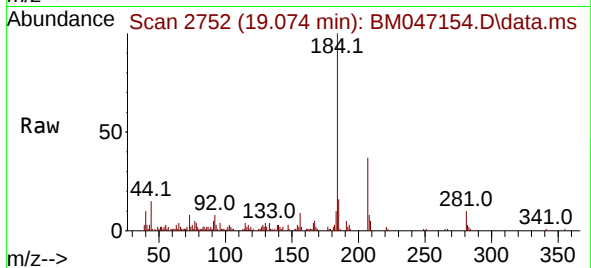
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:184	Resp: 4982
Ion Ratio	Lower Upper
184 100	
185 16.4	11.8 17.6
183 10.3	9.0 13.6

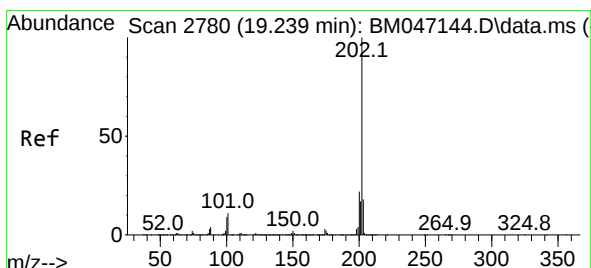
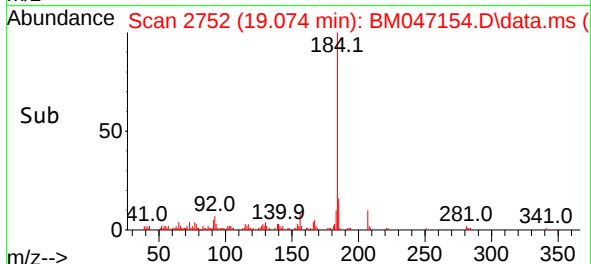
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#78

Pyrene

Concen: 3.256 ng

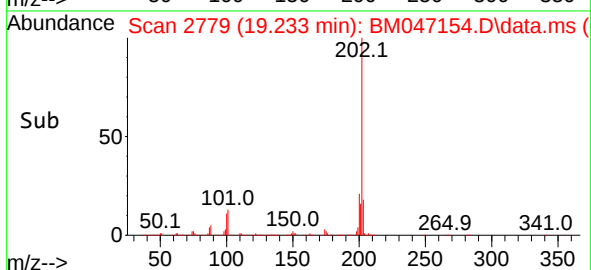
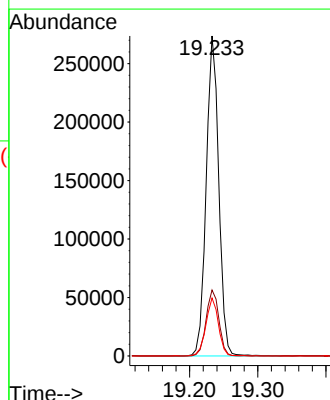
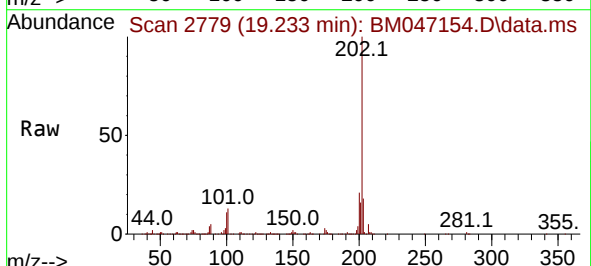
RT: 19.233 min Scan# 2779

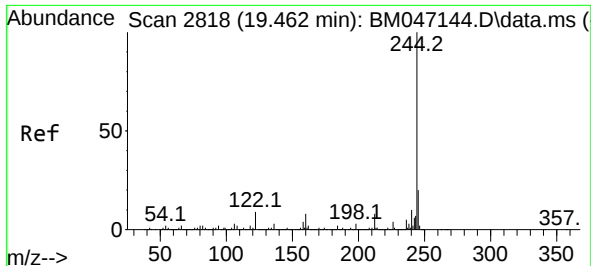
Delta R.T. -0.006 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

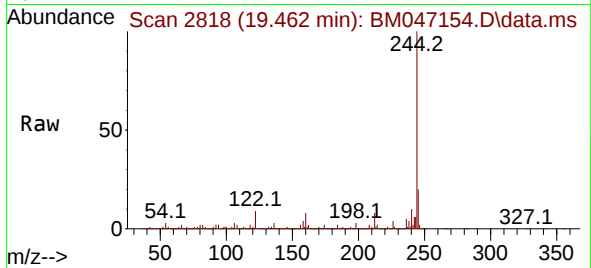
Tgt Ion:202	Resp: 350312
Ion Ratio	Lower Upper
202 100	
200 20.6	17.2 25.8
203 18.1	14.2 21.2





#79
 Terphenyl-d14
 Concen: 85.027 ng
 RT: 19.462 min Scan# 2818
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05

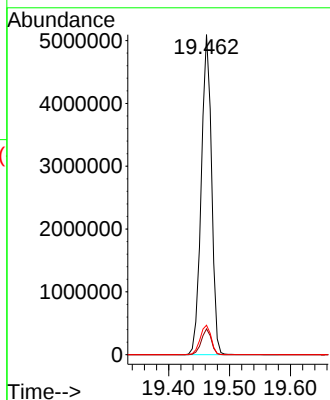
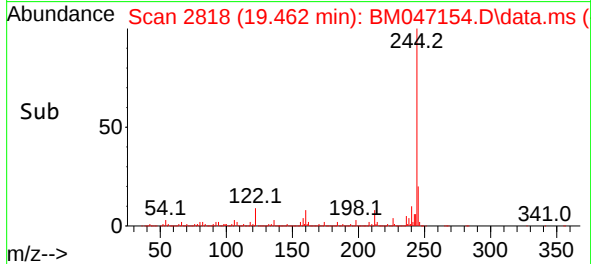
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:244 Resp: 597980
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.4
 122 9.2 7.1 10.7

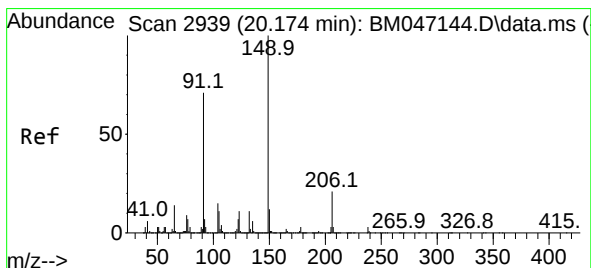
Manual Integrations
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Reviewed By :Yogesh
 Patel



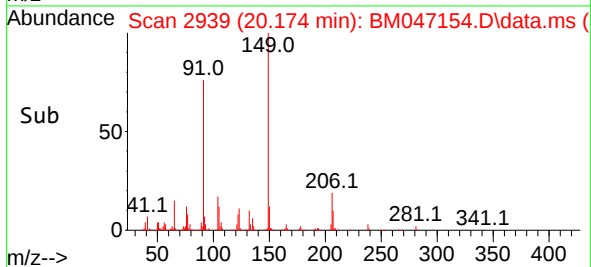
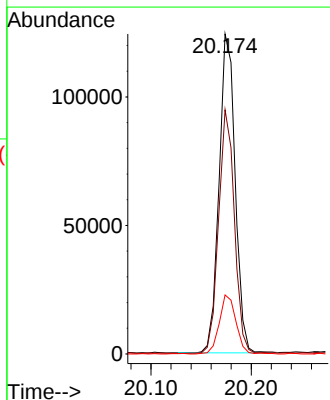
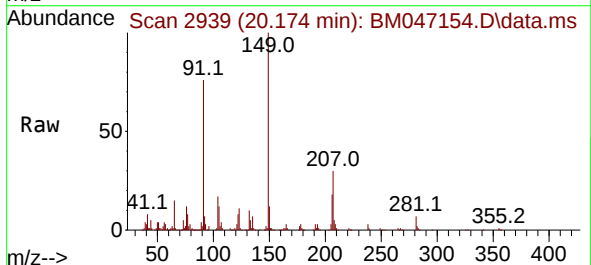
08/13/2024
 Supervised By :mohammad
 ahmed

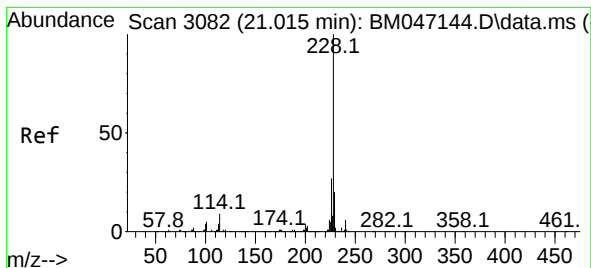
08/14/2024



#80
 Butylbenzylphthalate
 Concen: 3.144 ng
 RT: 20.174 min Scan# 2939
 Delta R.T. -0.000 min
 Lab File: BM047154.D
 Acq: 12 Aug 2024 13:05

Tgt Ion:149 Resp: 138080
 Ion Ratio Lower Upper
 149 100
 91 76.3 57.0 85.4
 206 18.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 3.645 ng

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047154.D

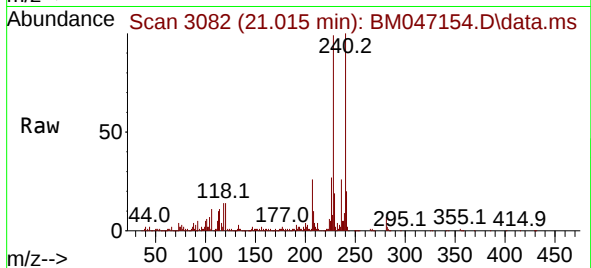
Acq: 12 Aug 2024 13:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:228 Resp: 364650

Ion Ratio Lower Upper

228 100

226 26.9 21.8 32.6

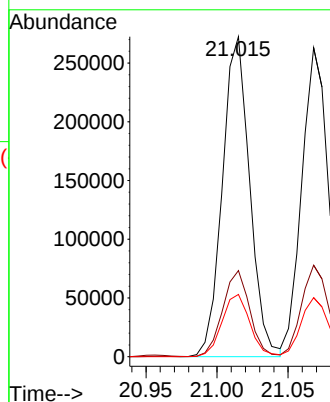
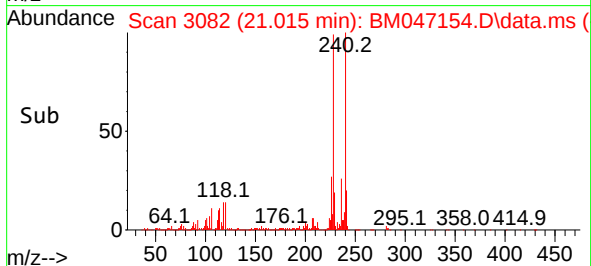
229 19.5 15.8 23.8

Manual Integrations

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Reviewed By :Yogesh

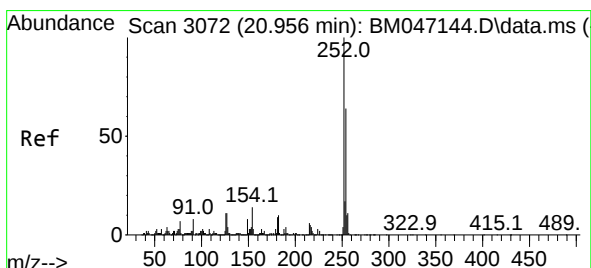
Patel



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ahmed

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#82

3,3'-Dichlorobenzidine

Concen: 3.601 ng

RT: 20.956 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

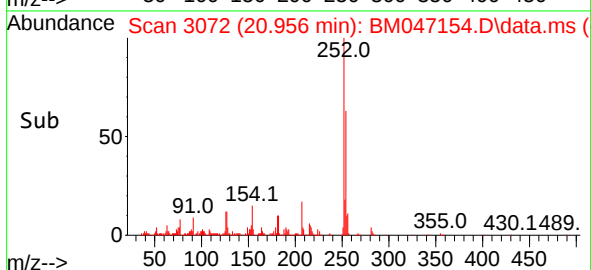
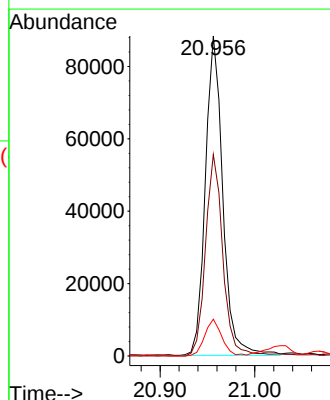
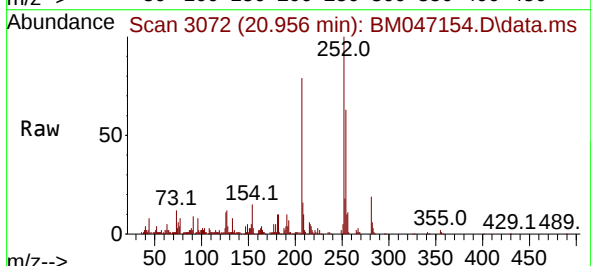
Tgt Ion:252 Resp: 112717

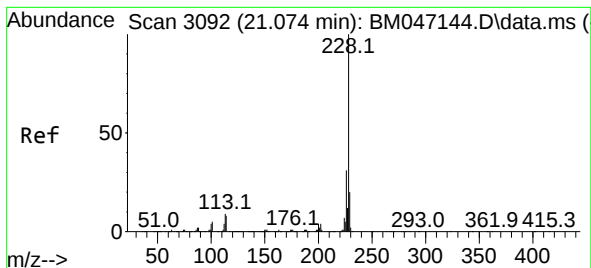
Ion Ratio Lower Upper

252 100

254 63.0 51.0 76.6

126 11.5 8.5 12.7





#83

Chrysene

Concen: 3.594 ng

RT: 21.068 min Scan# 3092

Delta R.T. -0.006 min

Lab File: BM047154.D

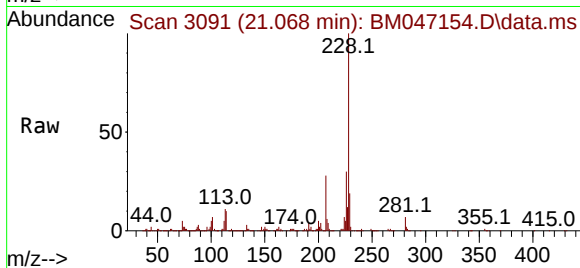
Acq: 12 Aug 2024 13:05

Instrument :

BNA_M

ClientSampleId :

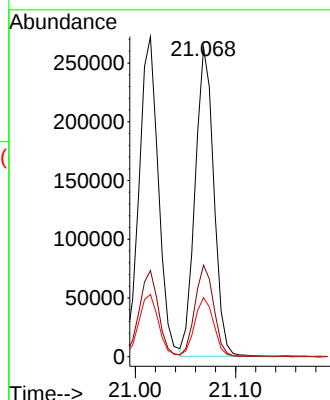
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	228	Resp:	341119
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.4	36.6
229	19.1	15.7	23.5

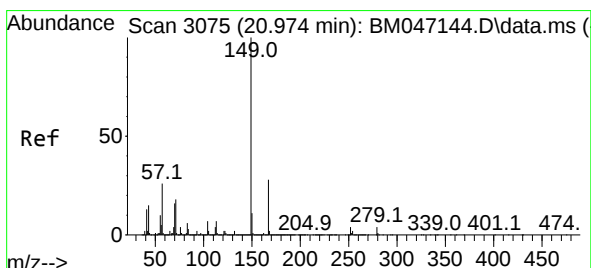
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#84

Bis(2-ethylhexyl)phthalate

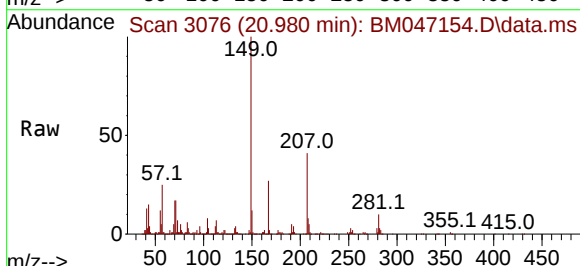
Concen: 3.304 ng

RT: 20.980 min Scan# 3076

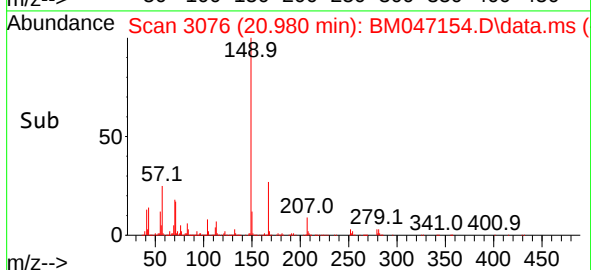
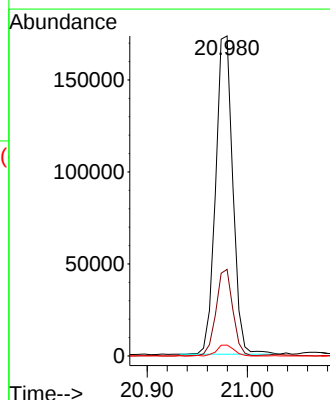
Delta R.T. 0.006 min

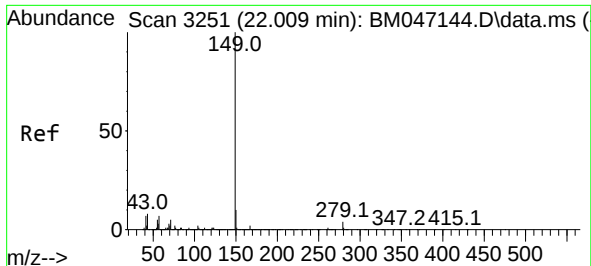
Lab File: BM047154.D

Acq: 12 Aug 2024 13:05



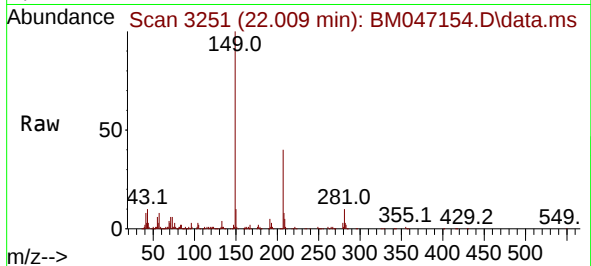
Tgt Ion:	149	Resp:	205755
Ion Ratio	Lower	Upper	
149	100		
167	27.0	22.2	33.2
279	3.4	3.0	4.4





#85
Di-n-octyl phthalate
Concen: 3.044 ng
RT: 22.009 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

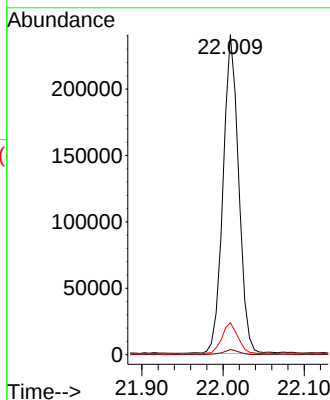
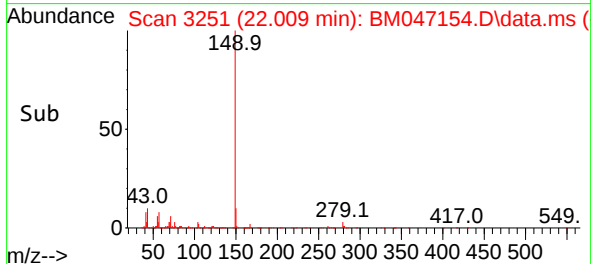
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:149 Resp: 322180
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.1 6.9 10.3

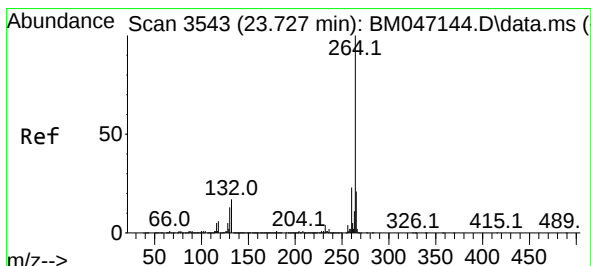
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

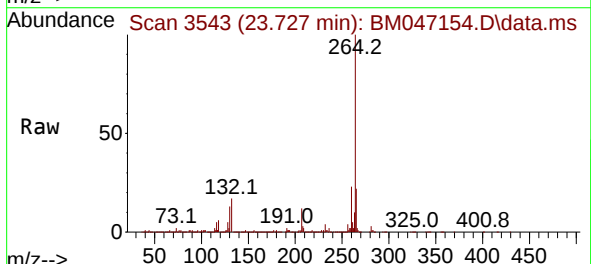


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Supervised By :mohammad
ahmed

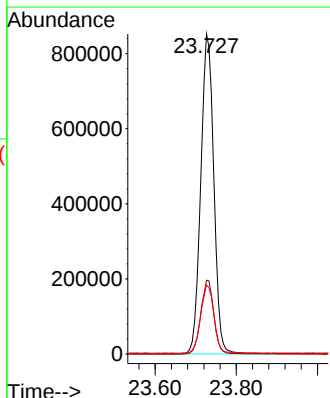
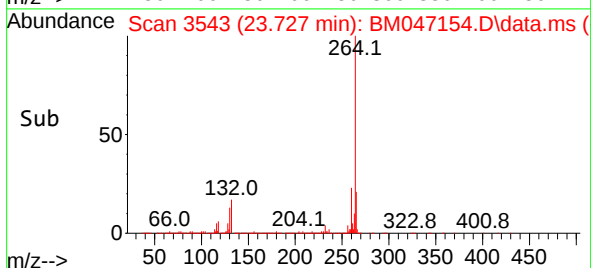
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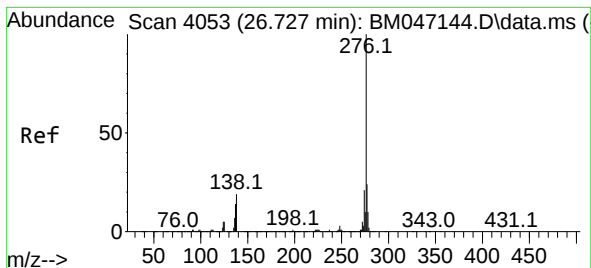


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. -0.000 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



Tgt Ion:264 Resp: 1901369
Ion Ratio Lower Upper
264 100
260 23.1 18.5 27.7
265 21.5 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.617 ng

RT: 26.715 min Scan# 4051

Delta R.T. -0.012 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

Instrument :

BNM

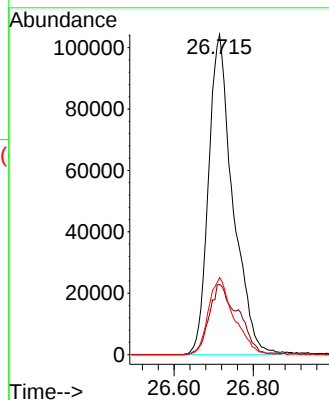
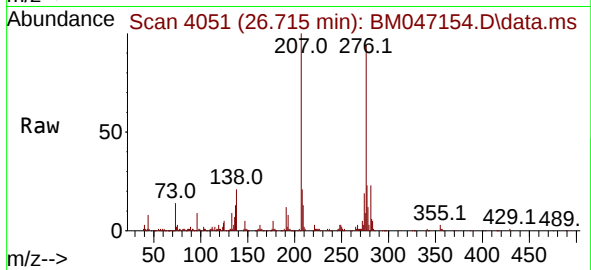
ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	276	Resp:	444520
Ion Ratio	Lower	Upper	
276	100		
138	26.1	19.4	29.0
277	25.2	20.1	30.1

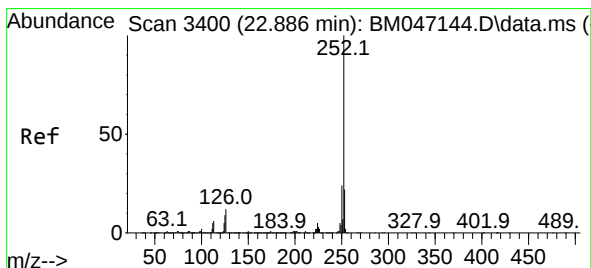
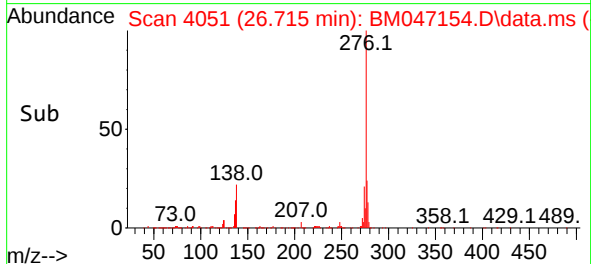
Manual Integrations
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Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#88

Benzo(b)fluoranthene

Concen: 3.335 ng

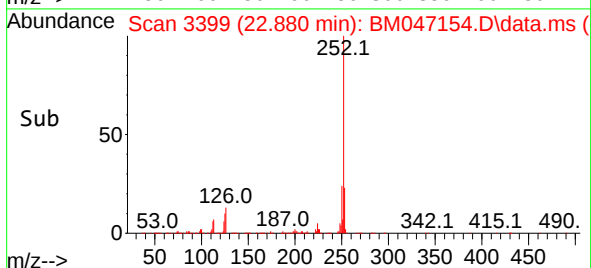
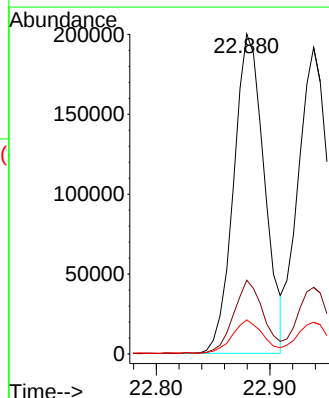
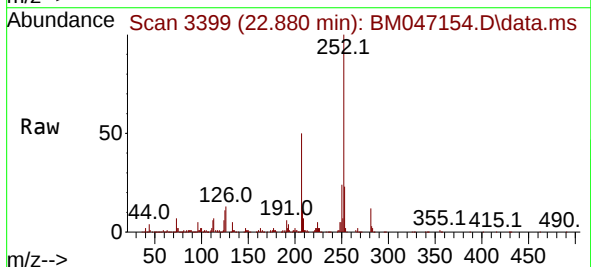
RT: 22.880 min Scan# 3399

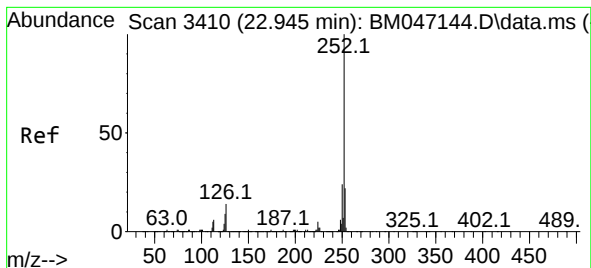
Delta R.T. -0.006 min

Lab File: BM047154.D

Acq: 12 Aug 2024 13:05

Tgt Ion:	252	Resp:	376557
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	10.7	7.4	11.0





#89

Benzo(k)fluoranthene

Concen: 3.383 ng

RT: 22.938 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM047154.D

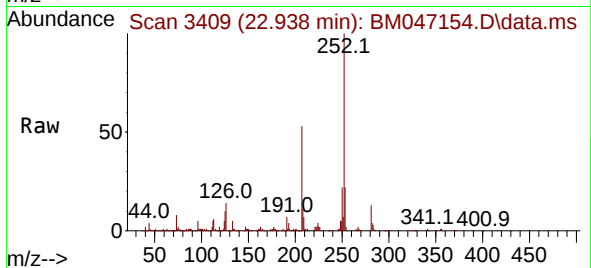
Acq: 12 Aug 2024 13:05

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

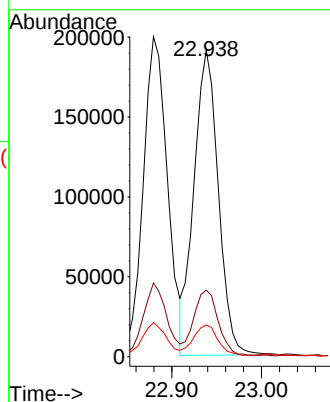


Tgt Ion:252 Resp: 360854

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	10.3	7.4	11.2

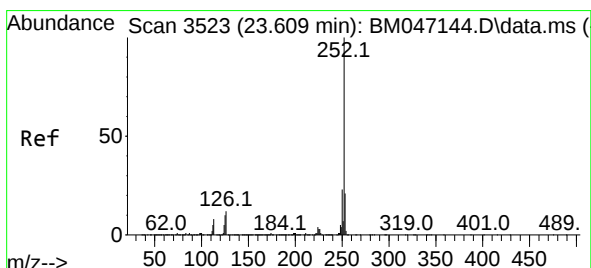
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



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Supervised By :mohammad
ahmed

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#90

Benzo(a)pyrene

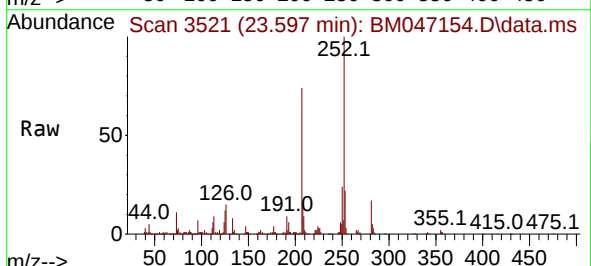
Concen: 3.251 ng

RT: 23.597 min Scan# 3521

Delta R.T. -0.012 min

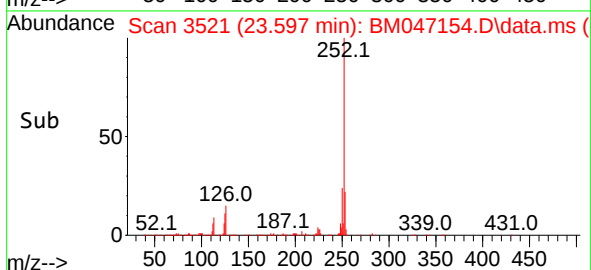
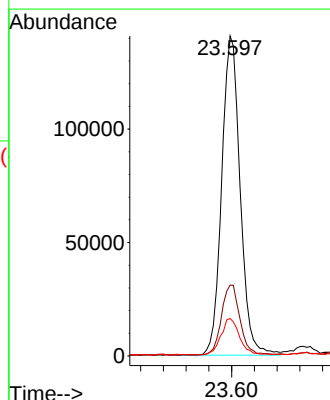
Lab File: BM047154.D

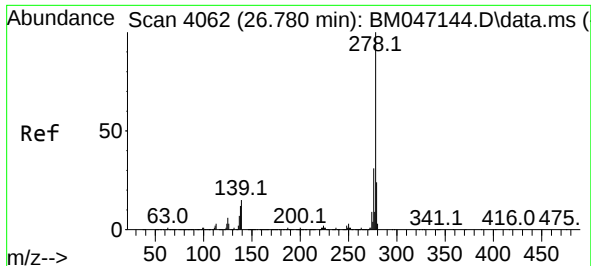
Acq: 12 Aug 2024 13:05



Tgt Ion:252 Resp: 317981

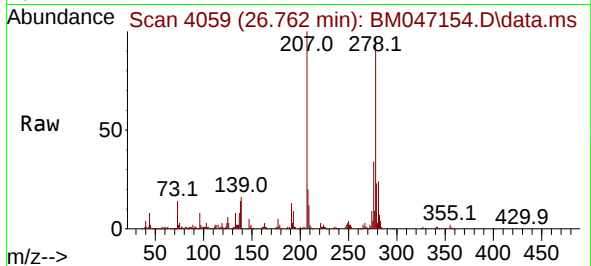
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	11.7	8.2	12.2





#91
Dibenzo(a,h)anthracene
Concen: 3.699 ng
RT: 26.762 min Scan# 4062
Delta R.T. -0.018 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05

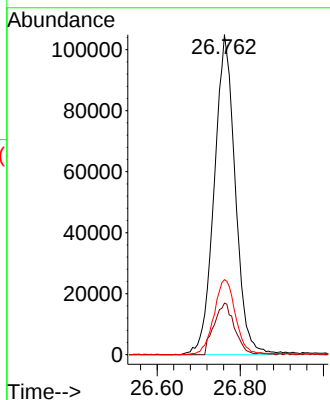
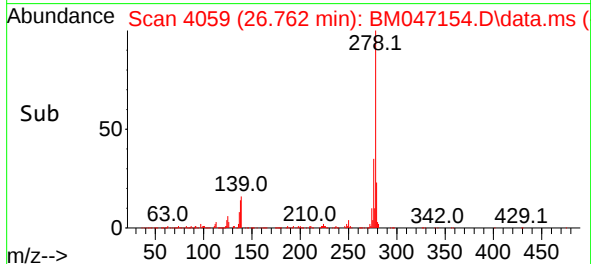
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 278 Resp: 36794
Ion Ratio Lower Upper
278 100
139 16.1 12.0 18.0
279 23.4 19.2 28.8

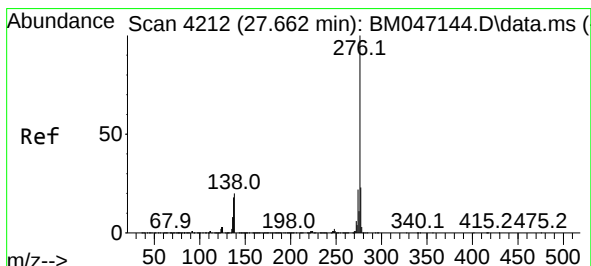
Manual Integrations
APPROVED

Reviewed By : Yogesh
Patel

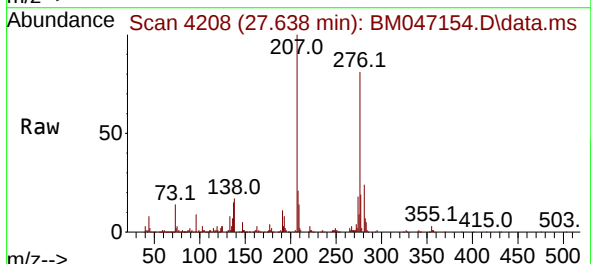


08/13/2024
Supervised By : mohammad
ahmed

08/14/2024



#92
Benzo(g,h,i)perylene
Concen: 3.623 ng
RT: 27.638 min Scan# 4208
Delta R.T. -0.024 min
Lab File: BM047154.D
Acq: 12 Aug 2024 13:05



Tgt Ion: 276 Resp: 374135
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 20.8 16.2 24.4

