

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045814.D
 Acq On : 04 Jun 2024 13:09
 Operator : MA/JU
 Sample : P2409-04
 Misc : SFAM-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: Jun 04 13:43:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
 ahmed
 06/06/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	262685	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1064269	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	642690	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.857	188	1296039	20.000	ng/u1	0.00
79) Chrysene-d12	21.068	240	1103094	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	1140478	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	33142	4.892	ng/uL	0.00
4) Pyridine-d5	3.463	84	417863	23.953	ng/u1	0.00
7) Phenol-d5	6.716	99	556561	24.940	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	406743	25.383	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	419091	25.142	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	393733	23.354	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	209876	25.222	ng/u1	0.00
24) 2-Nitrophenol-d4	9.340	143	209492	24.875	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	370133	23.437	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	507792	23.232	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1124241	25.268	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1253900	24.269	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	186753	19.449	ng/u1	0.00
60) Fluorene-d10	15.104	176	959617	25.281	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	127331	19.239	ng/u1	0.00
73) Anthracene-d10	16.951	188	1239357	21.997	ng/u1	0.00
81) Pyrene-d10	19.251	212	1578578	23.011	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1333361	25.015	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.093	88	8630m	1.151	ng/uL	
5) Pyridine	3.487	79	79760	4.452	ng/u1#	36
6) Benzaldehyde	6.640	77	73624	7.014	ng/u1	95
8) Phenol	6.746	94	108288	4.679	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.922	93	91314	4.727	ng/u1	99
12) 2-Chlorophenol	7.057	128	82320	4.688	ng/u1	99
13) 2-Methylphenol	7.969	108	69111	4.078	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.010	45	189382	4.977	ng/u1	100
16) Acetophenone	8.310	105	135784	4.832	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.298	70	72188	4.649	ng/u1	95
18) 4-Methylphenol	8.298	108	79661	4.543	ng/u1	100
19) Hexachloroethane	8.534	117	38829	4.604	ng/u1	94
22) Nitrobenzene	8.669	77	116431	5.000	ng/u1	99
23) Isophorone	9.222	82	184937	4.494	ng/u1	99
25) 2-Nitrophenol	9.375	139	41437	4.501	ng/u1	96
26) 2,4-Dimethylphenol	9.481	107	40001	2.142	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.698	93	115807	4.636	ng/u1	98
29) 2,4-Dichlorophenol	9.916	162	72309	4.596	ng/u1	93
30) Naphthalene	10.281	128	271937	4.792	ng/u1	100
32) 4-Chloroaniline	10.439	127	96879	4.534	ng/u1	94
33) Hexachlorobutadiene	10.581	225	48948	4.541	ng/u1	99
34) Caprolactam	11.316	113	20407m	4.605	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	74420	4.360	ng/u1	96
36) 2-Methylnaphthalene	11.904	142	178448	4.748	ng/u1	95

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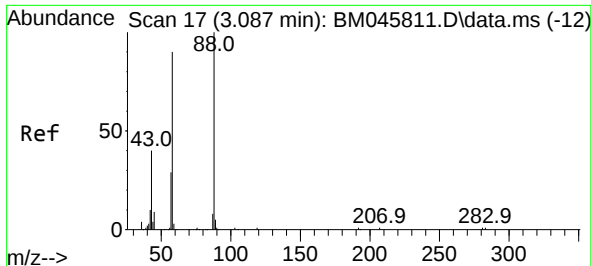
Manual Integrations APPROVED

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 06/06/2024

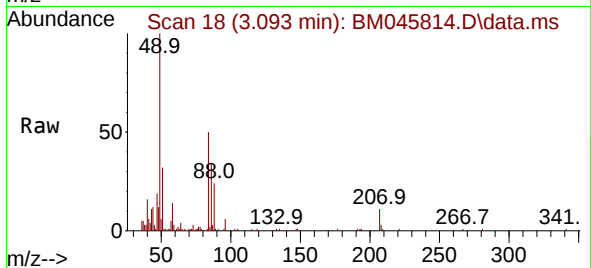
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.128	142	179890	4.787	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.275	216	90000	4.676	ng/ul	98
40) Hexachlorocyclopentadiene	12.269	237	70554	6.040	ng/ul	100
41) 2,4,6-Trichlorophenol	12.551	196	42274	3.775	ng/ul	99
42) 2,4,5-Trichlorophenol	12.633	196	48901	4.024	ng/ul	100
43) 1,1'-Biphenyl	12.945	154	227696	4.775	ng/ul	99
44) 2-Chloronaphthalene	12.975	162	174891	4.680	ng/ul	98
45) 2-Nitroaniline	13.222	65	52703	4.130	ng/ul	94
47) Dimethylphthalate	13.610	163	216228	4.786	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	35615	4.098	ng/ul#	80
50) Acenaphthylene	13.827	152	283771	4.746	ng/ul	99
51) 3-Nitroaniline	14.063	138	31418	3.937	ng/ul	98
52) Acenaphthene	14.174	153	189259	4.743	ng/ul	99
53) 2,4-Dinitrophenol	14.245	184	21918	5.539	ng/ul	94
55) 4-Nitrophenol	14.416	109	40968	5.171	ng/ul	91
56) Dibenzofuran	14.516	168	261029	4.851	ng/ul	98
57) 2,4-Dinitrotoluene	14.504	165	54547	4.536	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	14.763	232	38792	4.225	ng/ul#	94
59) Diethylphthalate	14.980	149	215973	4.774	ng/ul	99
61) Fluorene	15.163	166	212793	4.908	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.169	204	101202	4.702	ng/ul	98
63) 4-Nitroaniline	15.239	138	35098	5.296	ng/ul#	52
66) 4,6-Dinitro-2-methylph...	15.257	198	32156	4.427	ng/ul#	75
67) N-Nitrosodiphenylamine	15.392	169	160329	4.365	ng/ul	98
68) 4-Bromophenyl-phenylether	16.057	248	59412	4.397	ng/ul	94
69) Hexachlorobenzene	16.163	284	67108	4.491	ng/ul	97
70) Atrazine	16.368	200	60657	5.448	ng/ul	99
71) Pentachlorophenol	16.527	266	54069	7.131	ng/ul	95
72) Phenanthrene	16.898	178	323713	4.740	ng/ul	98
74) Anthracene	16.986	178	285180	4.181	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.898	216	83724	4.165	ng/uL	97
76) Pentachlorobenzene	14.427	250	87741	4.667	ng/uL	98
77) Carbazole	17.274	167	273766	4.704	ng/ul	99
78) Di-n-butylphthalate	17.851	149	341307	4.459	ng/ul	99
80) Fluoranthene	18.915	202	356631	4.288	ng/ul	98
82) Pyrene	19.280	202	373968	4.377	ng/ul	98
83) Butylbenzylphthalate	20.215	149	136507	3.920	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.998	252	72310	3.319	ng/ul	98
85) Benzo(a)anthracene	21.045	228	340059	4.465	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	209354	4.046	ng/ul	99
87) Chrysene	21.103	228	316579	4.493	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	329761	3.781	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	324508	4.630	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	326974m	4.776	ng/ul	
93) Benzo(a)pyrene	23.656	252	289811	4.706	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.780	276	317070	4.714	ng/ul	99
95) Dibenzo(a,h)anthracene	26.832	278	245094	4.607	ng/ul	99
96) Benzo(g,h,i)perylene	27.709	276	284093	4.796	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.151 ng/uL m
RT: 3.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM045814.D
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MDL-SOIL-QT2-2024-04

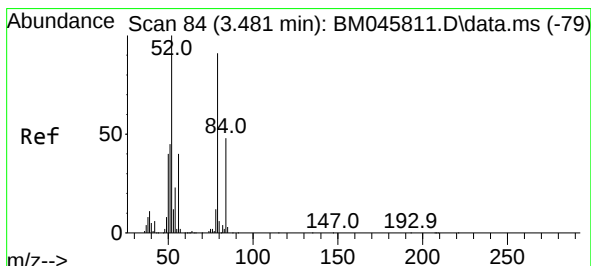
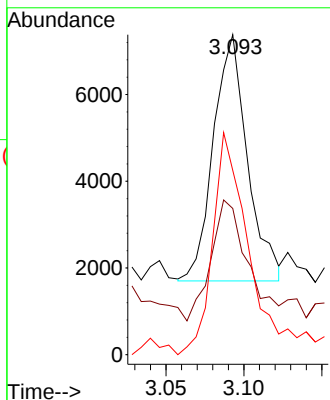
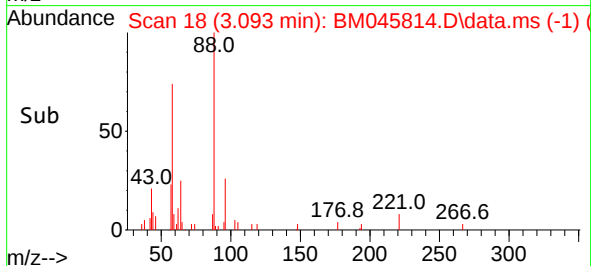


Tgt Ion: 88 Resp: 8630
Ion Ratio Lower Upper
88 100
43 45.7 35.1 52.7
58 57.6 67.4 101.2

Manual Integrations
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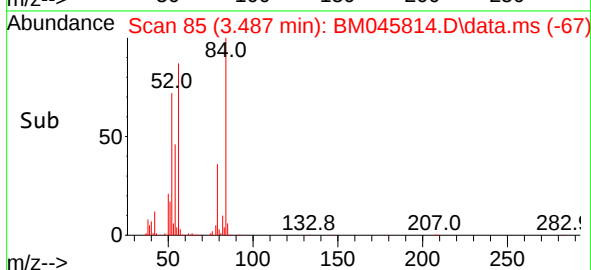
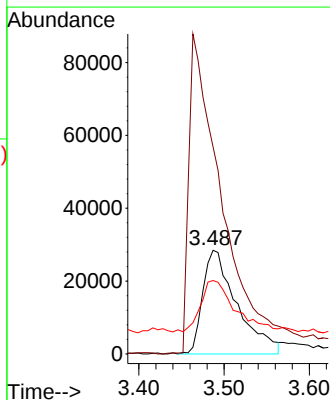
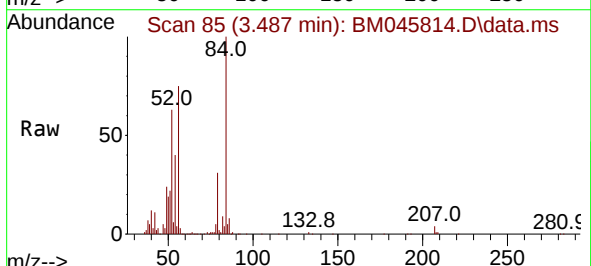
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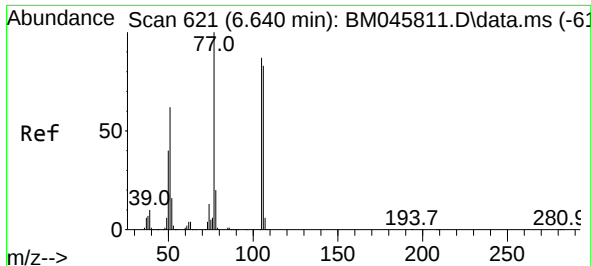
Supervised By :mohammad
ahmed
06/06/2024



#5
Pyridine
Concen: 4.452 ng/uL
RT: 3.487 min Scan# 85
Delta R.T. 0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

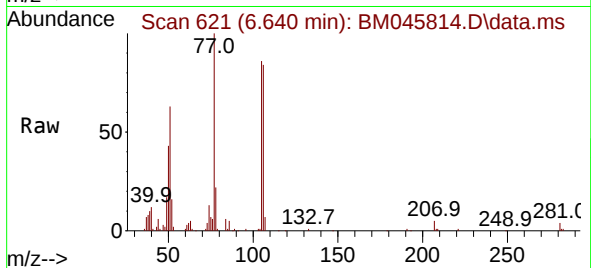
Tgt Ion: 79 Resp: 79760
Ion Ratio Lower Upper
79 100
52 199.7 90.5 135.7#
51 71.0 41.5 62.3#





#6
Benzaldehyde
Concen: 7.014 ng/ul
RT: 6.640 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

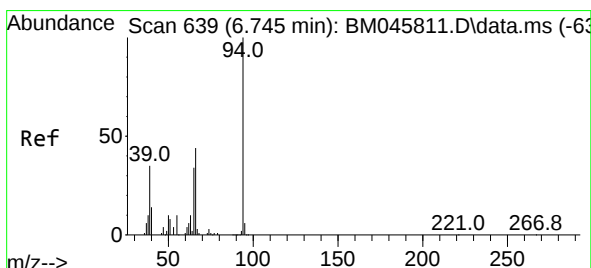
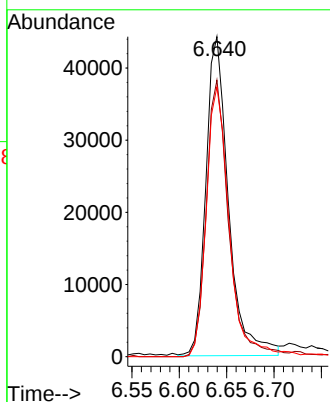
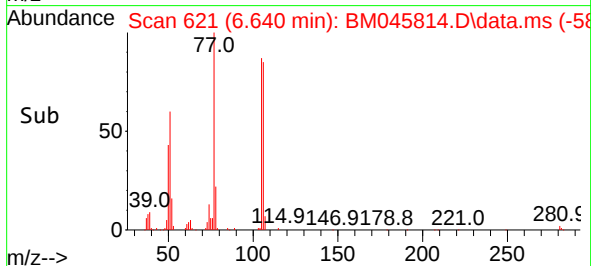


Tgt Ion: 77 Resp: 73624
Ion Ratio Lower Upper
77 100
105 86.4 72.7 109.1
106 84.3 70.8 106.2

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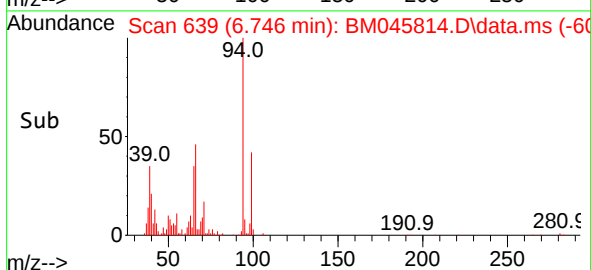
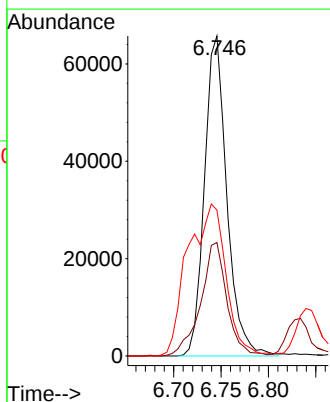
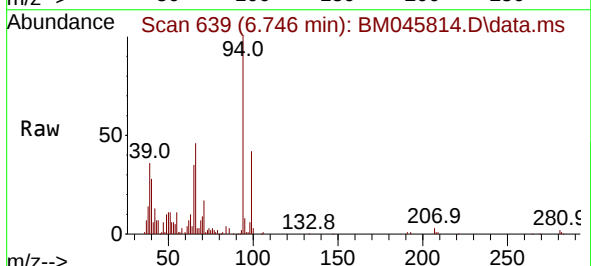
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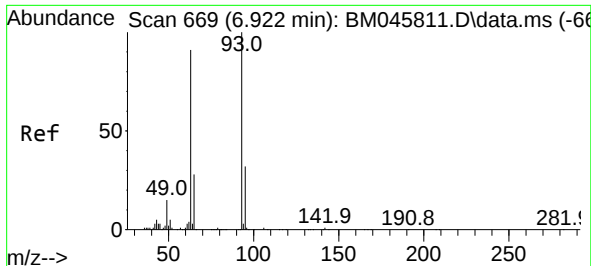
Supervised By :mohammad
ahmed
06/06/2024



#8
Phenol
Concen: 4.679 ng/ul
RT: 6.746 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion: 94 Resp: 108288
Ion Ratio Lower Upper
94 100
65 35.5 26.8 40.2
66 45.6 35.1 52.7





#10
Bis(2-Chloroethyl)ether
Concen: 4.727 ng/ul
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

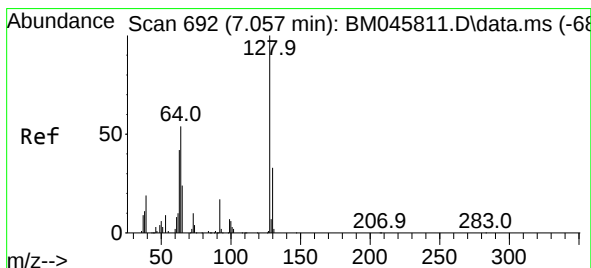
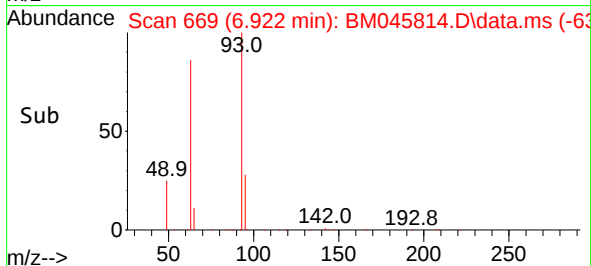
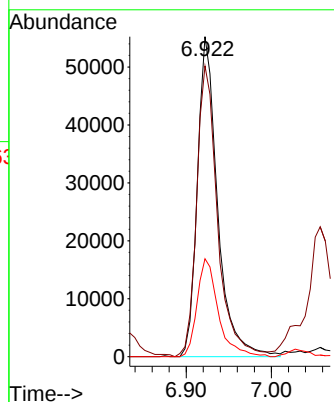
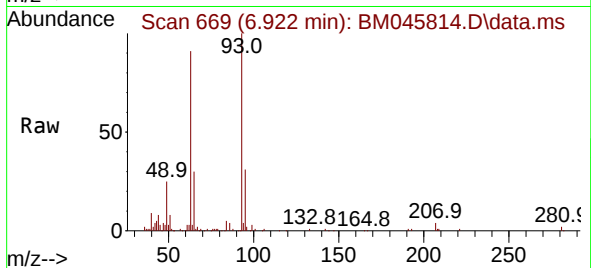
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 93 Resp: 91314
Ion Ratio Lower Upper
93 100
63 90.8 71.8 107.8
95 30.6 25.4 38.2

Manual Integrations
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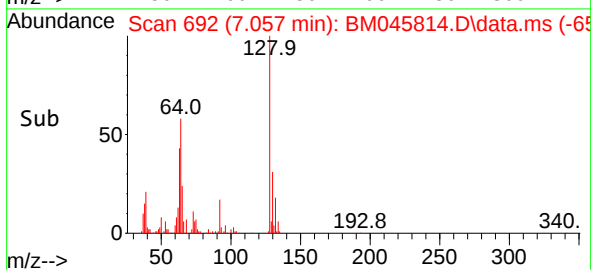
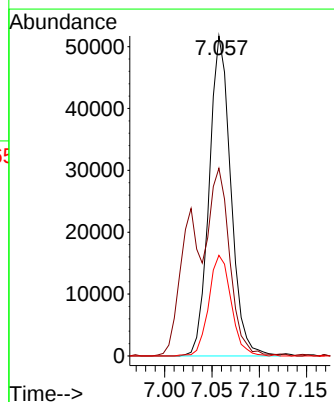
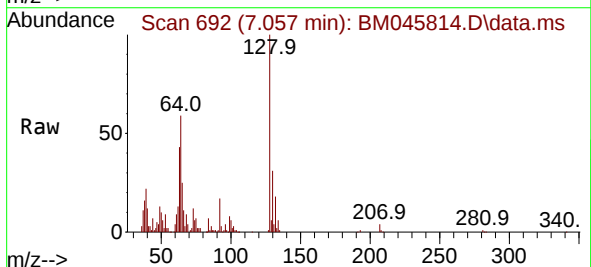
Reviewed By :Jagrut Upadhyay 06/04/2024
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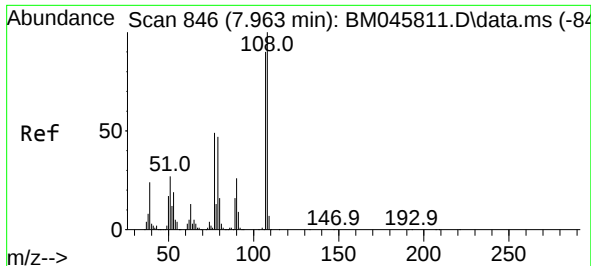
Supervised By :mohammad
ahmed
06/06/2024



#12
2-Chlorophenol
Concen: 4.688 ng/ul
RT: 7.057 min Scan# 692
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:128 Resp: 82320
Ion Ratio Lower Upper
128 100
64 58.7 46.1 69.1
130 31.5 25.8 38.8





#13
2-Methylphenol
Concen: 4.078 ng/ul
RT: 7.969 min Scan# 846
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

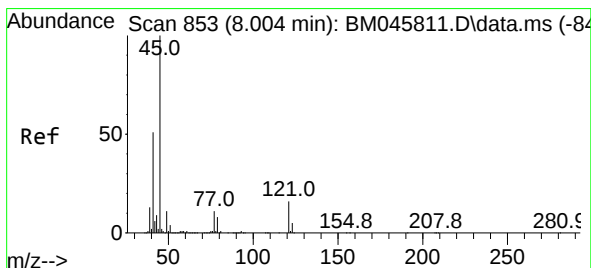
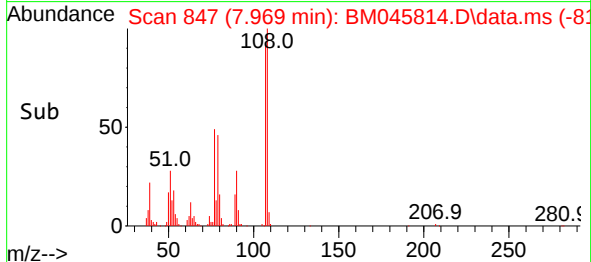
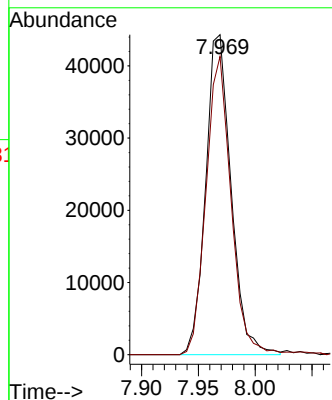
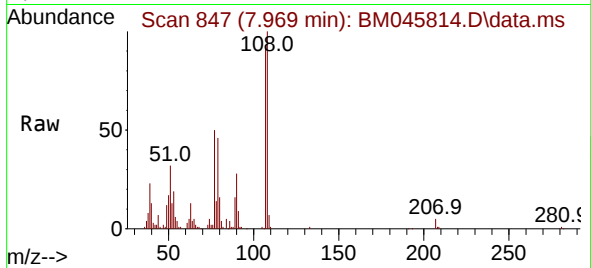
Instrument :
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Tgt Ion:108 Resp: 6911
Ion Ratio Lower Upper
108 100
107 93.2 74.8 112.2

Manual Integrations
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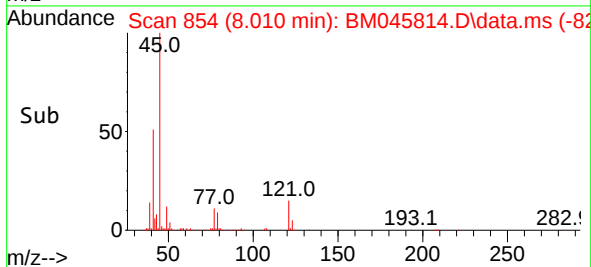
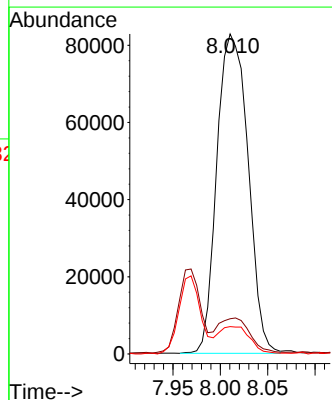
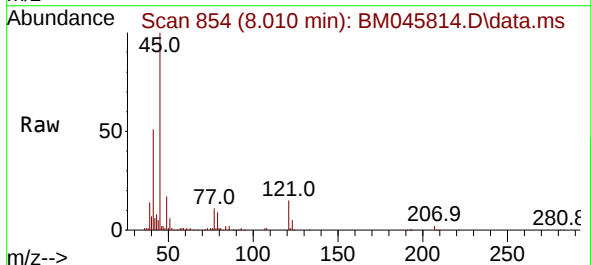
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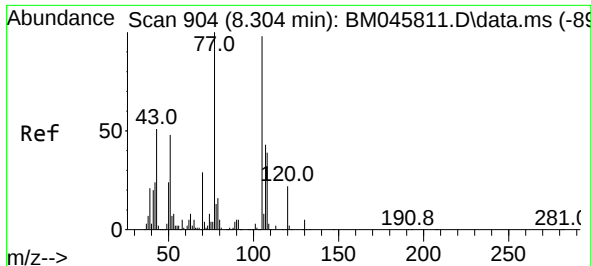
Supervised By :mohammad
ahmed
06/06/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.977 ng/ul
RT: 8.010 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM045814.D
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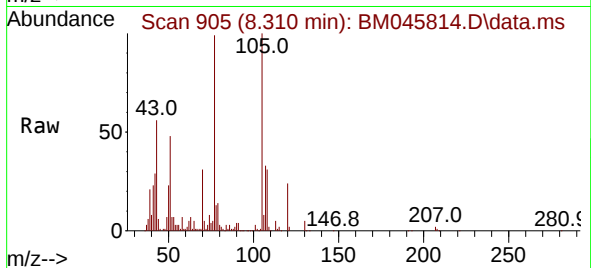
Tgt Ion: 45 Resp: 189382
Ion Ratio Lower Upper
45 100
77 11.0 8.7 13.1
79 8.6 6.6 10.0





#16
Acetophenone
Concen: 4.832 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
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ClientSampleId :
MDL-SOIL-QT2-2024-04

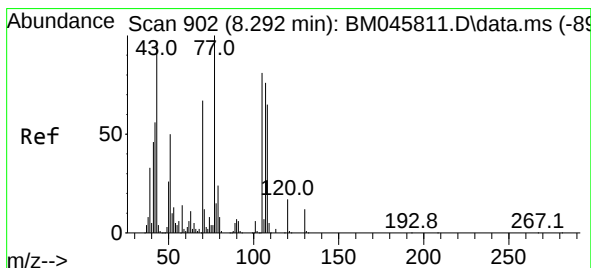
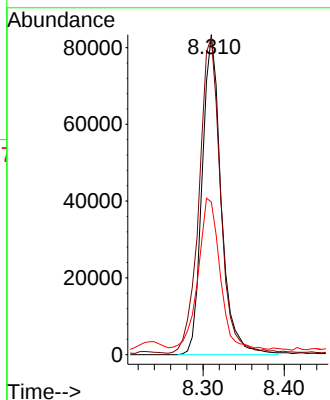
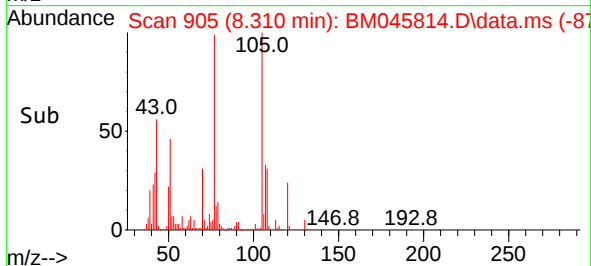


Tgt Ion:105 Resp: 135784
Ion Ratio Lower Upper
105 100
77 99.1 84.7 127.1
51 47.7 39.4 59.0

Manual Integrations
APPROVED

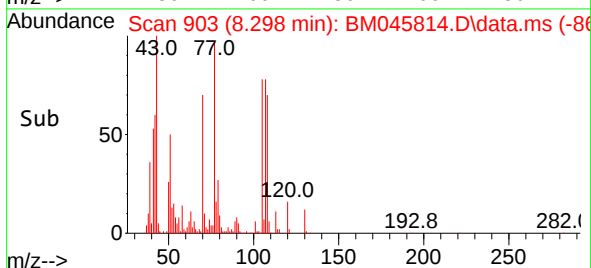
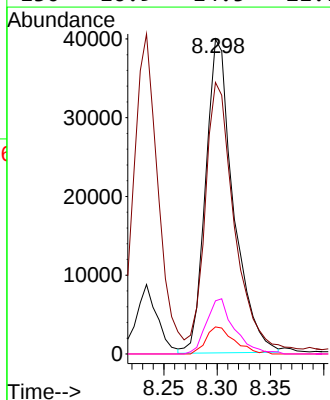
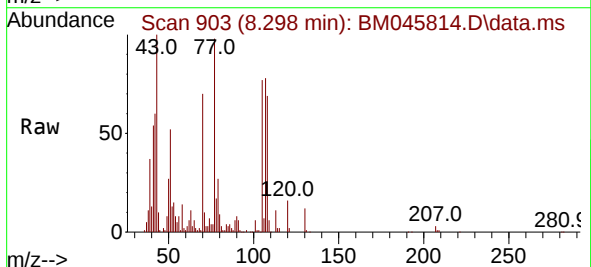
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

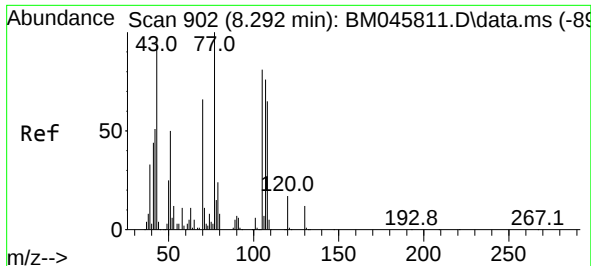
Supervised By :mohammad
ahmed
06/06/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.649 ng/ul
RT: 8.298 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion: 70 Resp: 72188
Ion Ratio Lower Upper
70 100
42 86.3 64.6 96.8
101 8.6 7.0 10.4
130 16.9 14.5 21.7





#18
4-Methylphenol
Concen: 4.543 ng/ul
RT: 8.298 min Scan# 902
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

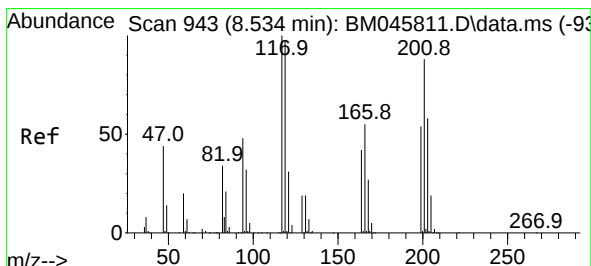
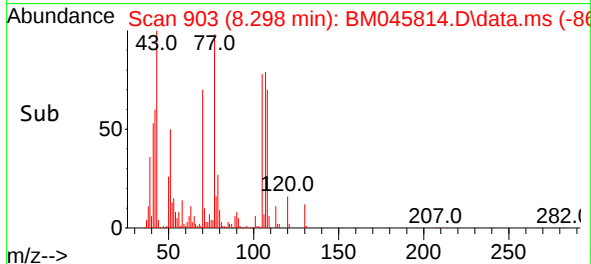
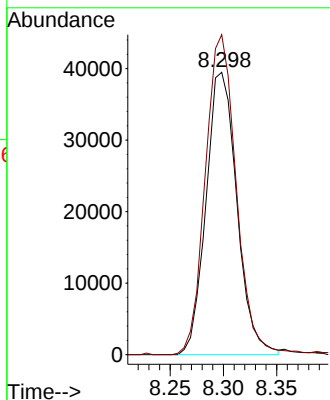
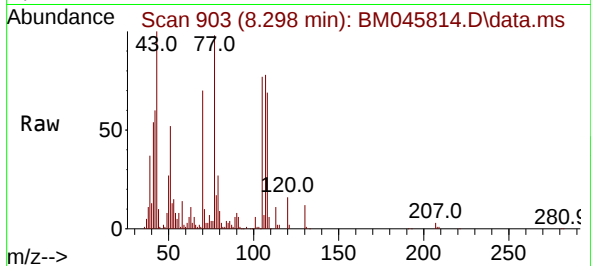
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:108 Resp: 7966
Ion Ratio Lower Upper
108 100
107 113.3 90.6 136.0

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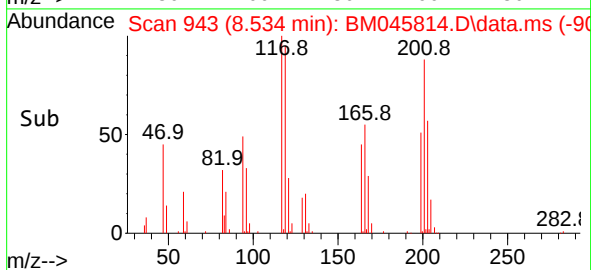
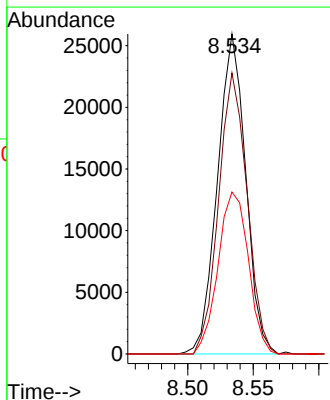
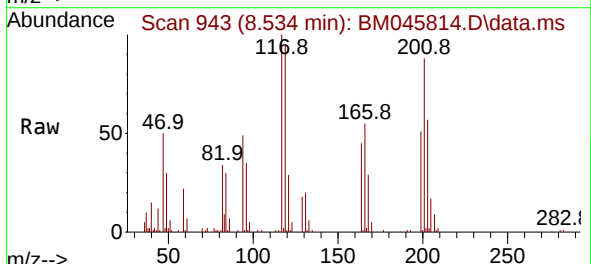
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

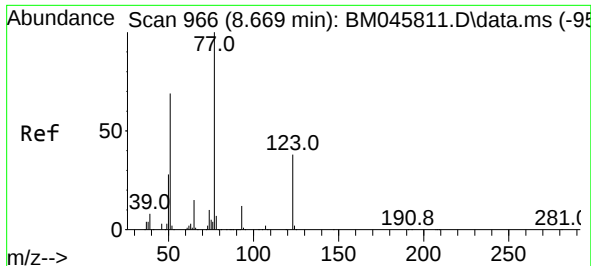
Supervised By :mohammad
ahmed
06/06/2024



#19
Hexachloroethane
Concen: 4.604 ng/ul
RT: 8.534 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:117 Resp: 38829
Ion Ratio Lower Upper
117 100
201 87.8 75.0 112.6
199 51.7 45.0 67.4





#22
Nitrobenzene
Concen: 5.000 ng/ul
RT: 8.669 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

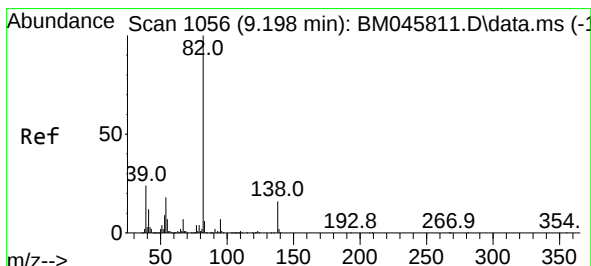
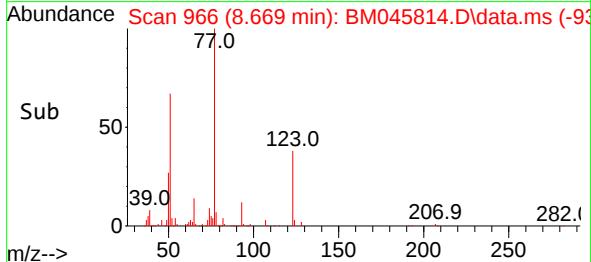
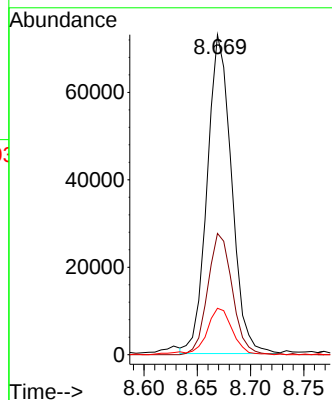
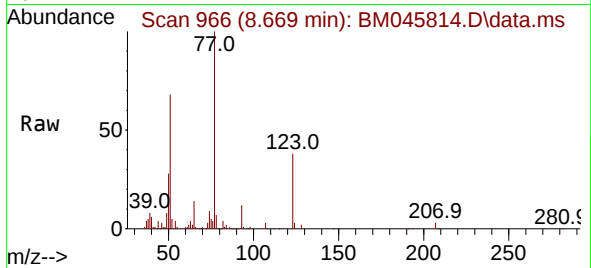
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 77 Resp: 11643
Ion Ratio Lower Upper
77 100
123 37.9 31.2 46.8
65 14.5 11.8 17.8

Manual Integrations
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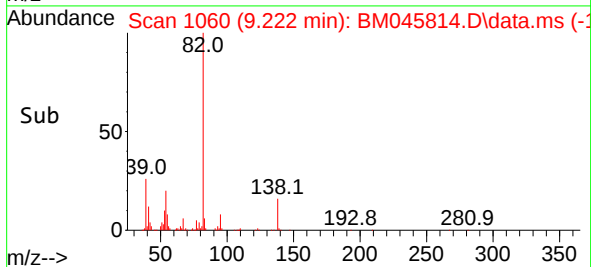
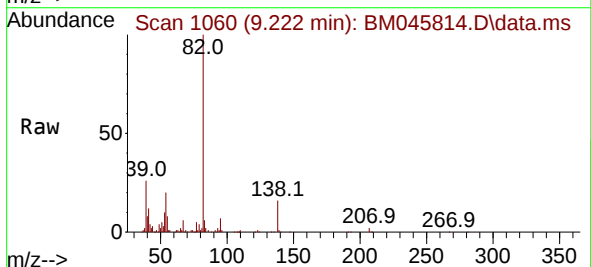
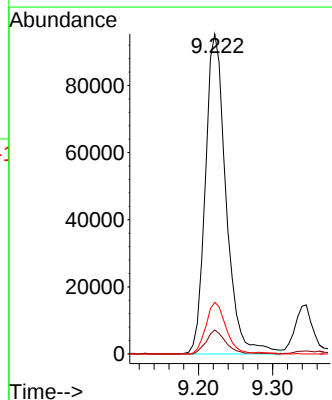
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

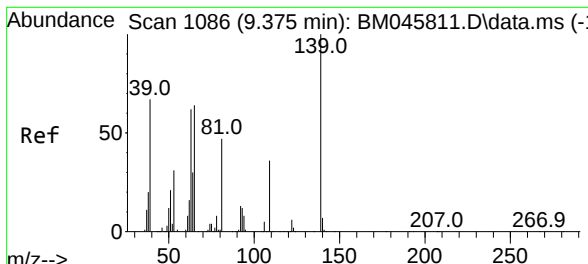
Supervised By :mohammad
ahmed
06/06/2024



#23
Isophorone
Concen: 4.494 ng/ul
RT: 9.222 min Scan# 1060
Delta R.T. 0.018 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion: 82 Resp: 184937
Ion Ratio Lower Upper
82 100
95 7.5 5.6 8.4
138 16.1 12.6 18.8





#25
 2-Nitrophenol
 Concen: 4.501 ng/ul
 RT: 9.375 min Scan# 1086
 Delta R.T. 0.000 min
 Lab File: BM045814.D
 Acq: 04 Jun 2024 13:09

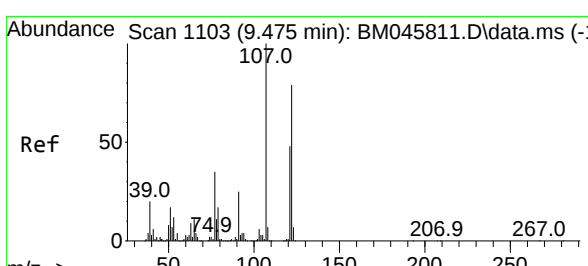
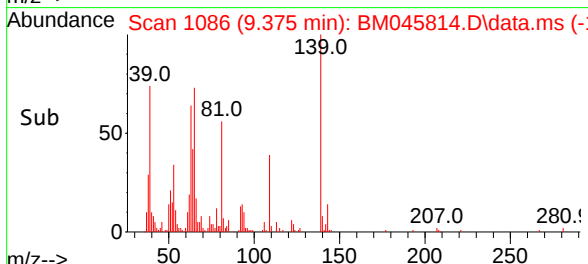
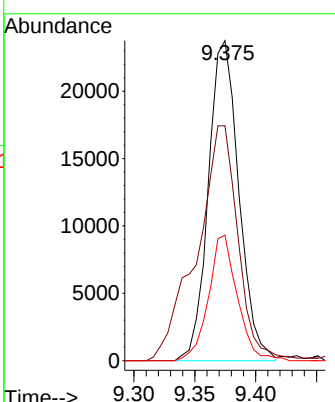
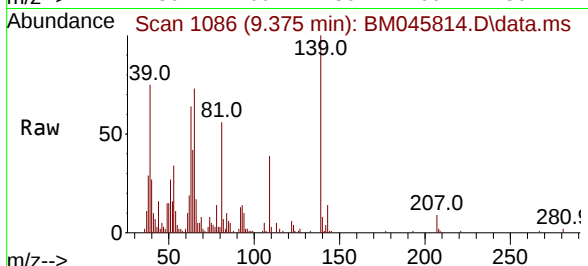
Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion:	139	Resp:	4143
Ion Ratio	Lower	Upper	
139	100		
65	73.4	55.8	83.8
109	39.3	29.6	44.4

Manual Integrations
 APPROVED

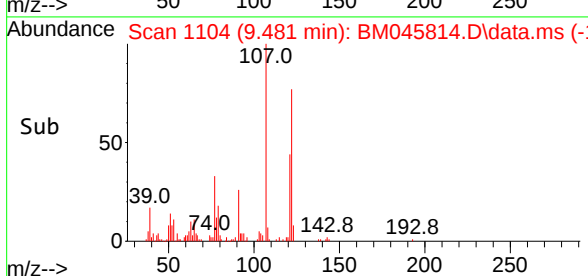
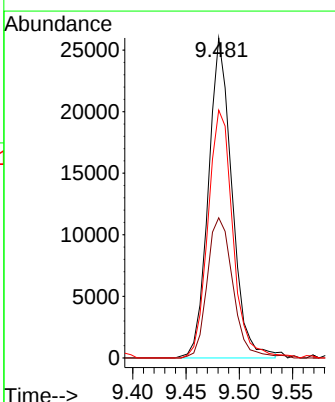
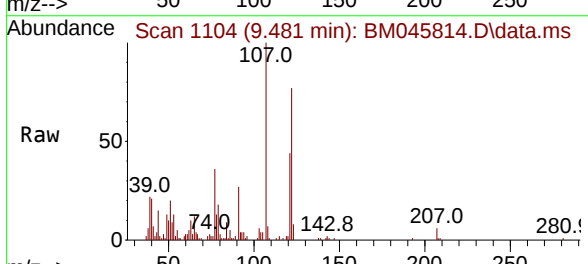
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/07/2024

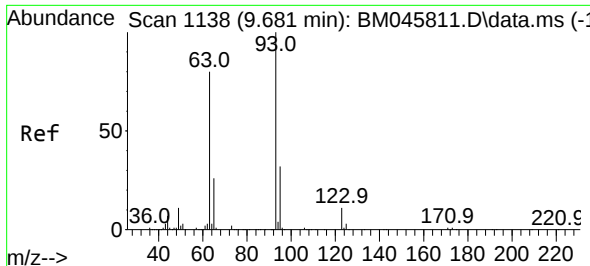
Supervised By :mohammad ahmed
 06/06/2024



#26
 2,4-Dimethylphenol
 Concen: 2.142 ng/ul
 RT: 9.481 min Scan# 1104
 Delta R.T. 0.006 min
 Lab File: BM045814.D
 Acq: 04 Jun 2024 13:09

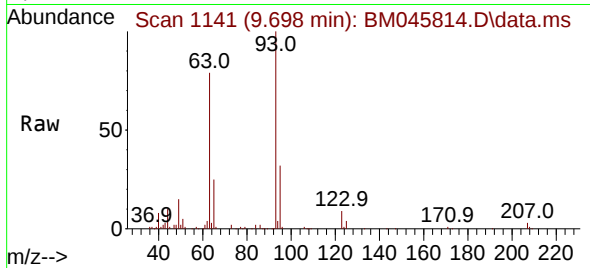
Tgt Ion:	107	Resp:	40001
Ion Ratio	Lower	Upper	
107	100		
121	43.8	37.4	56.0
122	77.5	63.1	94.7





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.636 ng/ul
 RT: 9.698 min Scan# 1138
 Delta R.T. 0.012 min
 Lab File: BM045814.D
 Acq: 04 Jun 2024 13:09

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

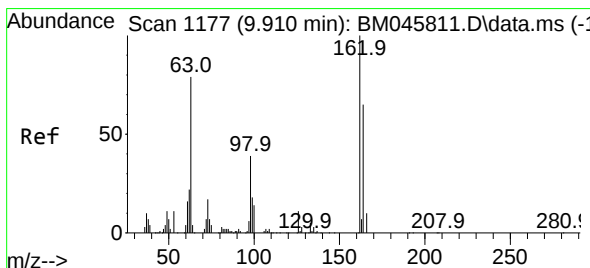
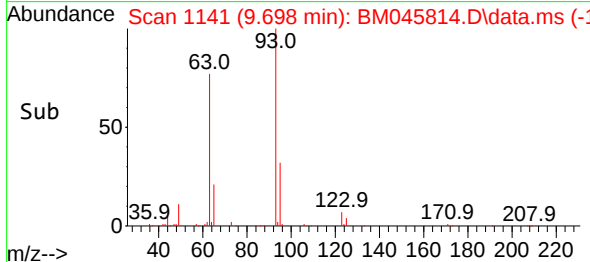
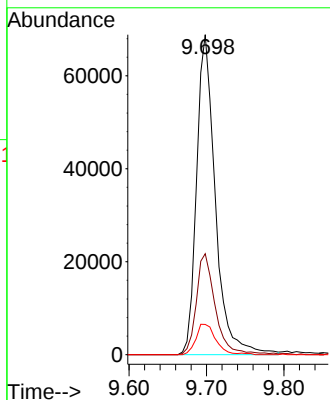


Tgt Ion: 93 Resp: 11580
 Ion Ratio Lower Upper
 93 100
 95 31.5 25.6 38.4
 123 9.5 8.6 13.0

Manual Integrations
 APPROVED

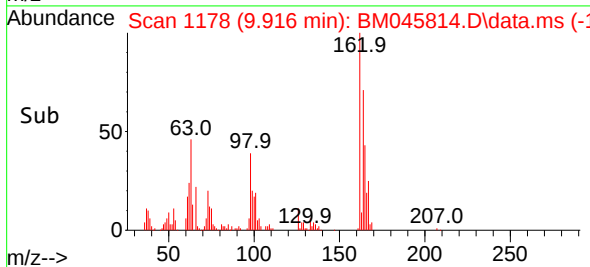
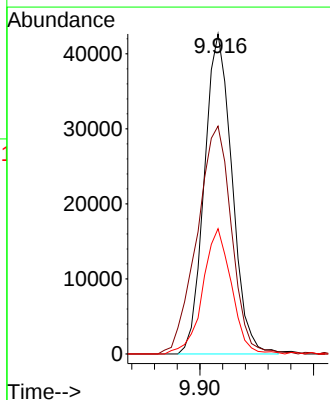
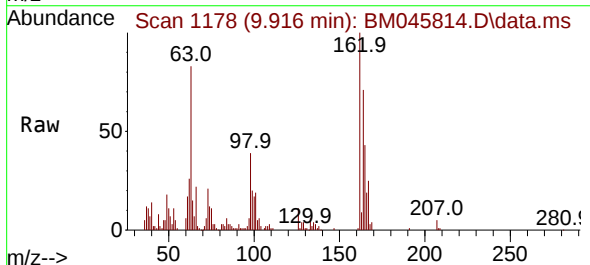
Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/07/2024

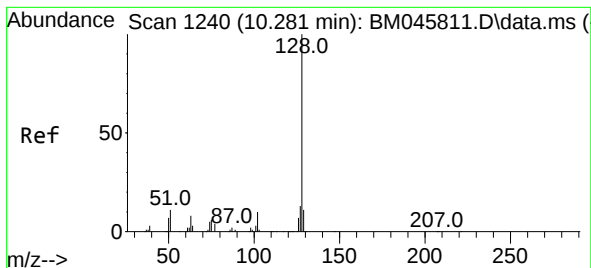
Supervised By :mohammad
 ahmed
 06/06/2024



#29
 2,4-Dichlorophenol
 Concen: 4.596 ng/ul
 RT: 9.916 min Scan# 1178
 Delta R.T. 0.000 min
 Lab File: BM045814.D
 Acq: 04 Jun 2024 13:09

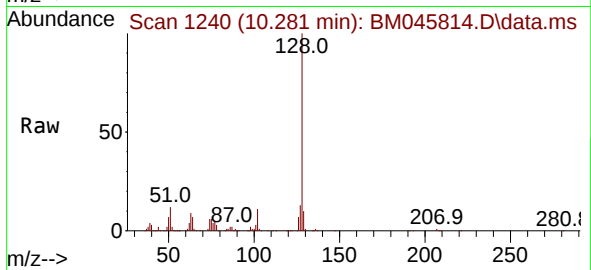
Tgt Ion:162 Resp: 72309
 Ion Ratio Lower Upper
 162 100
 164 71.2 51.5 77.3
 98 39.1 29.0 43.6





#30
Naphthalene
Concen: 4.792 ng/ul
RT: 10.281 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

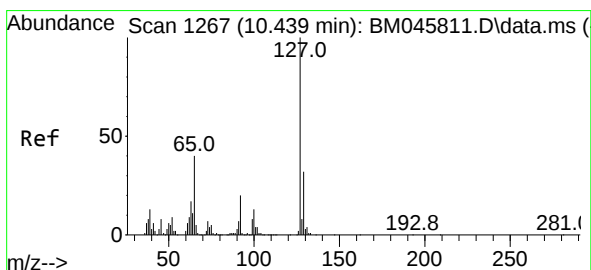
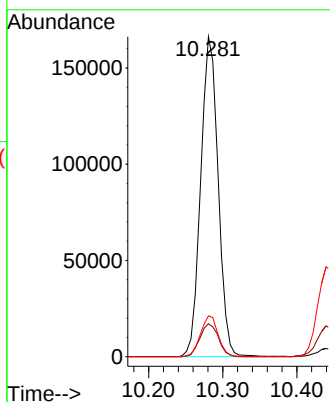


Tgt Ion:128 Resp: 27193
Ion Ratio Lower Upper
128 100
129 10.3 8.3 12.5
127 12.7 10.3 15.5

Manual Integrations
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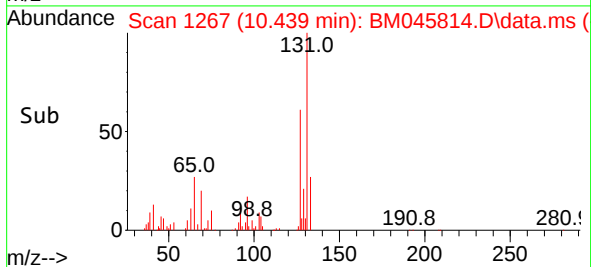
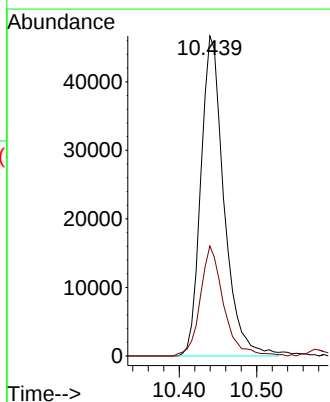
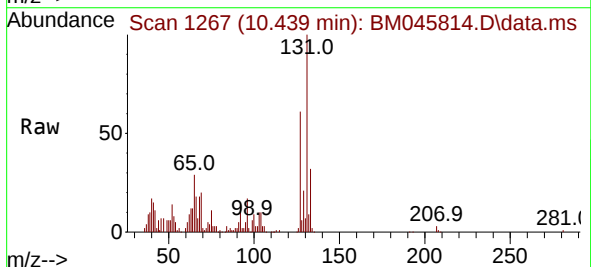
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

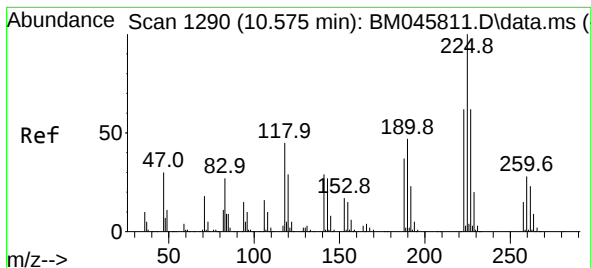
Supervised By :mohammad
ahmed
06/06/2024



#32
4-Chloroaniline
Concen: 4.534 ng/ul
RT: 10.439 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

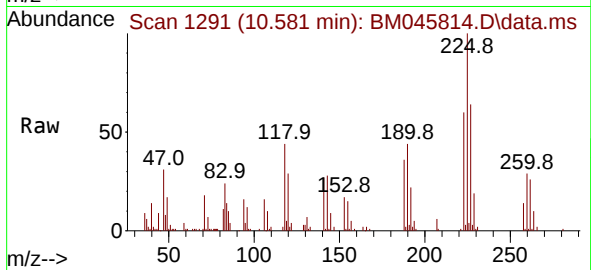
Tgt Ion:127 Resp: 96879
Ion Ratio Lower Upper
127 100
129 34.3 24.6 37.0





#33
Hexachlorobutadiene
Concen: 4.541 ng/ul
RT: 10.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

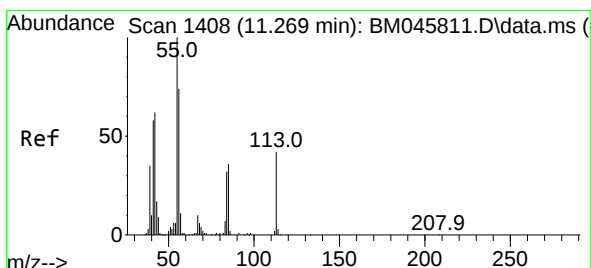
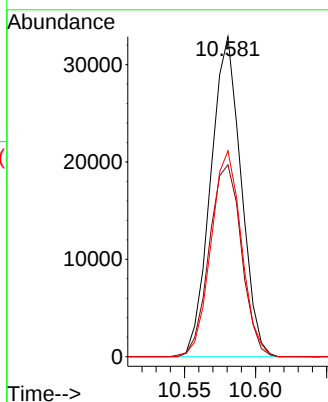
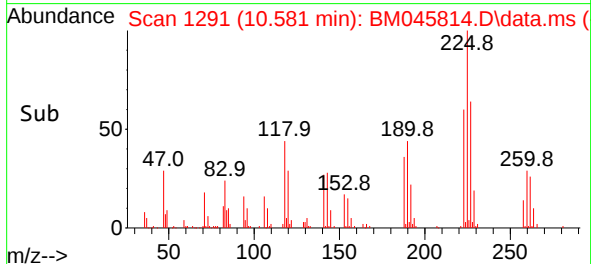


Tgt Ion:225 Resp: 4894
Ion Ratio Lower Upper
225 100
223 60.0 49.4 74.0
227 64.3 51.1 76.7

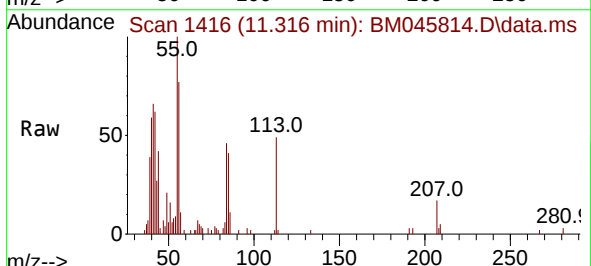
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

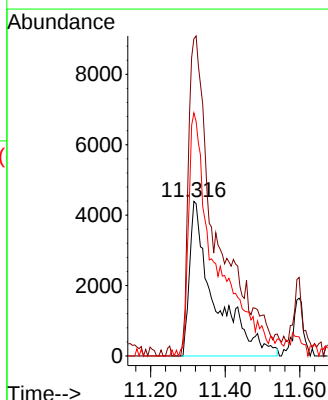
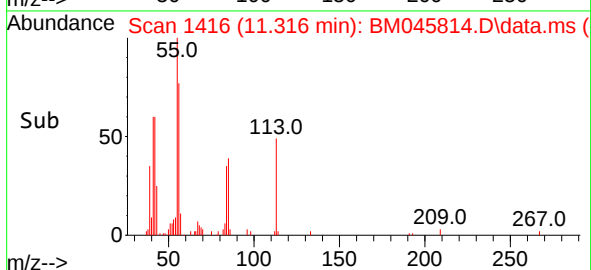
Supervised By :mohammad
ahmed
06/06/2024

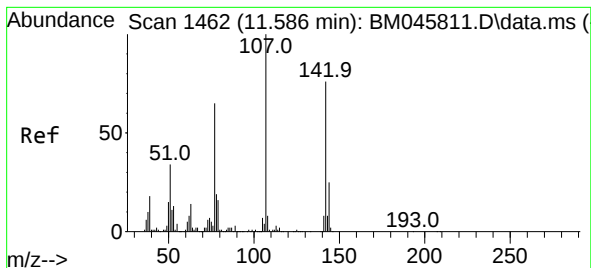


#34
Caprolactam
Concen: 4.605 ng/ul m
RT: 11.316 min Scan# 1416
Delta R.T. 0.035 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09



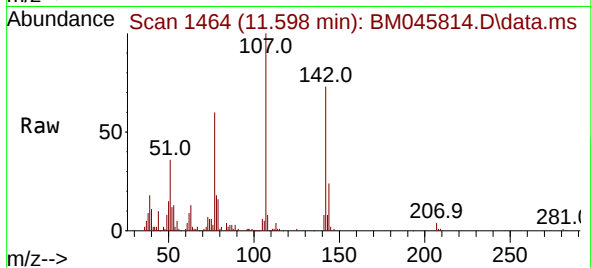
Tgt Ion:113 Resp: 20407
Ion Ratio Lower Upper
113 100
55 205.2 179.5 269.3
56 157.3 130.1 195.1





#35
4-Chloro-3-methylphenol
Concen: 4.360 ng/ul
RT: 11.598 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

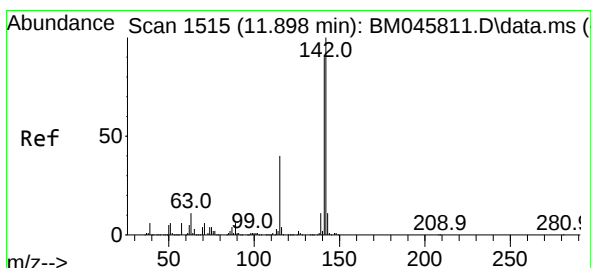
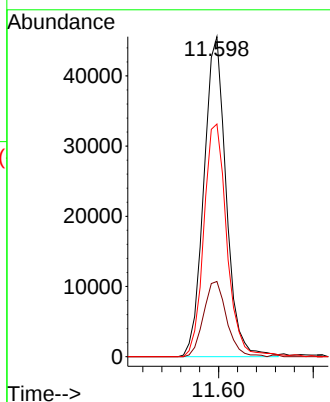
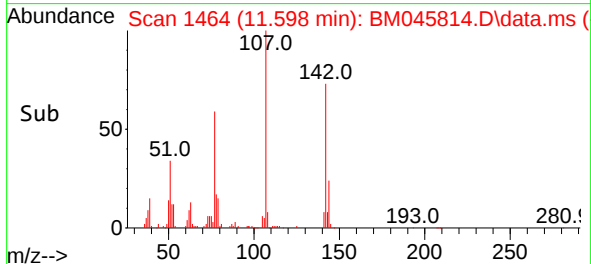


Tgt Ion:107 Resp: 74420
Ion Ratio Lower Upper
107 100
144 23.5 20.1 30.1
142 72.7 61.4 92.0

Manual Integrations
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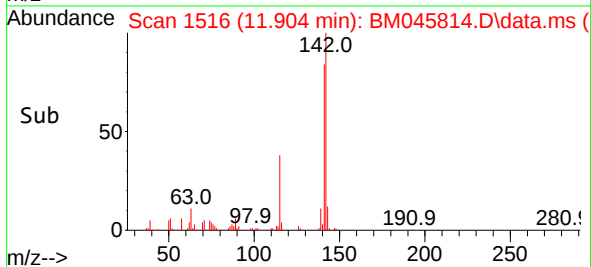
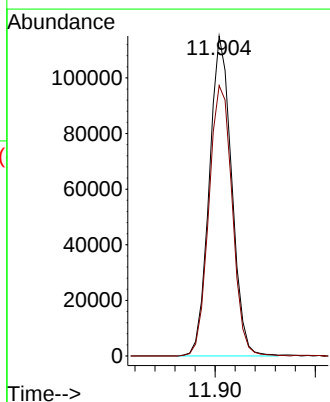
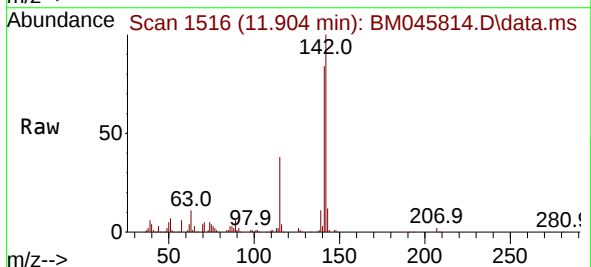
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

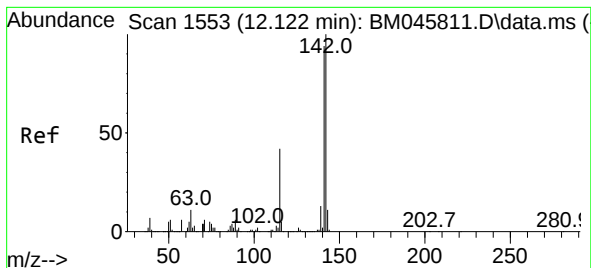
Supervised By :mohammad
ahmed
06/06/2024



#36
2-Methylnaphthalene
Concen: 4.748 ng/ul
RT: 11.904 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

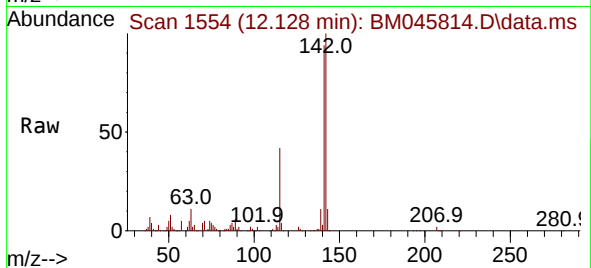
Tgt Ion:142 Resp: 178448
Ion Ratio Lower Upper
142 100
141 84.5 71.1 106.7





#37
1-Methylnaphthalene
Concen: 4.787 ng/ul
RT: 12.128 min Scan# 1553
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

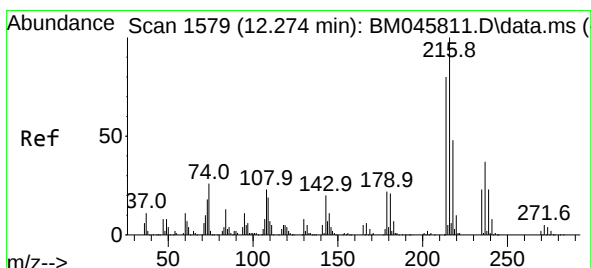
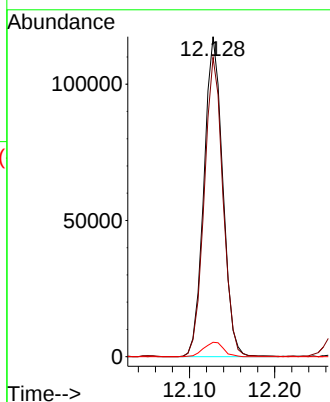
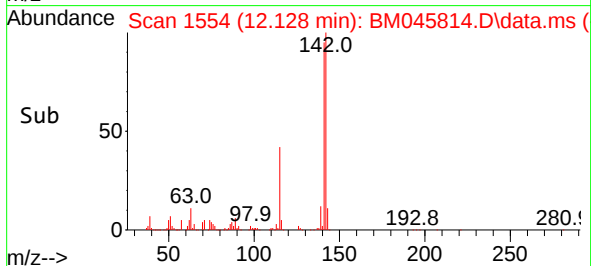


Tgt Ion:142 Resp: 179890
Ion Ratio Lower Upper
142 100
141 93.5 73.5 110.3
116 4.5 3.3 4.9

Manual Integrations
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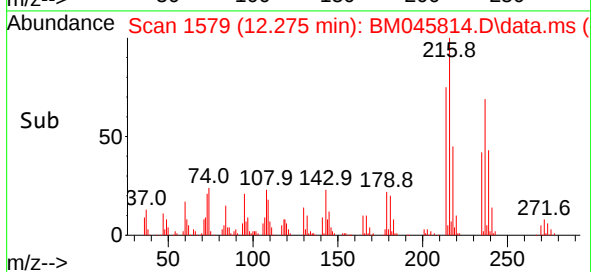
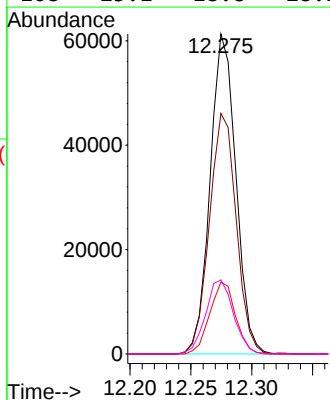
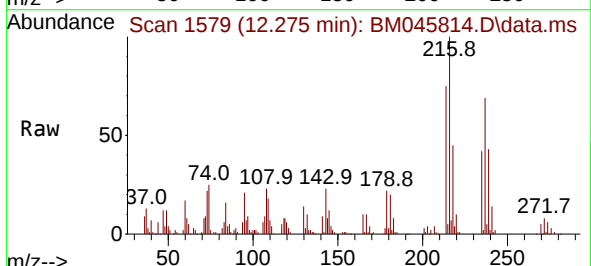
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

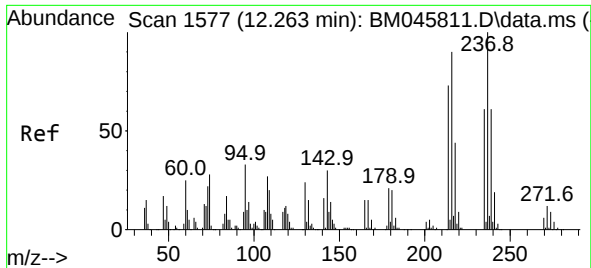
Supervised By :mohammad
ahmed
06/06/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.676 ng/ul
RT: 12.275 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

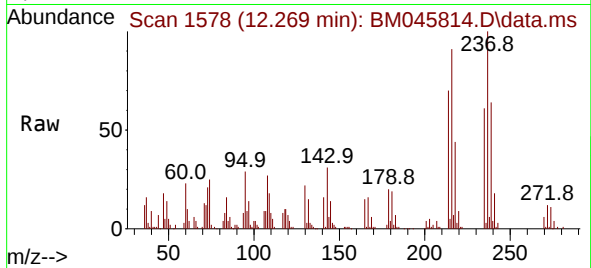
Tgt Ion:216 Resp: 90000
Ion Ratio Lower Upper
216 100
214 75.2 61.3 91.9
179 22.4 17.1 25.7
108 23.1 18.8 28.2





#40
Hexachlorocyclopentadiene
Concen: 6.040 ng/ul
RT: 12.269 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

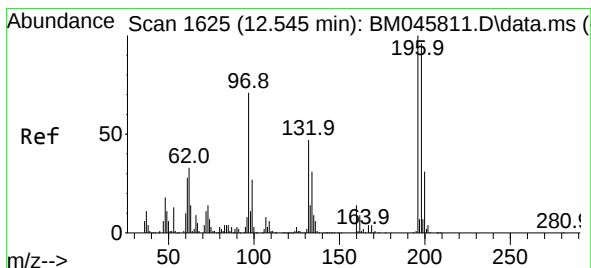
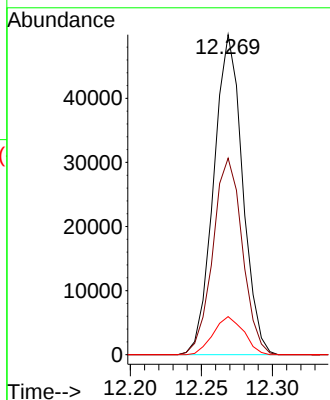
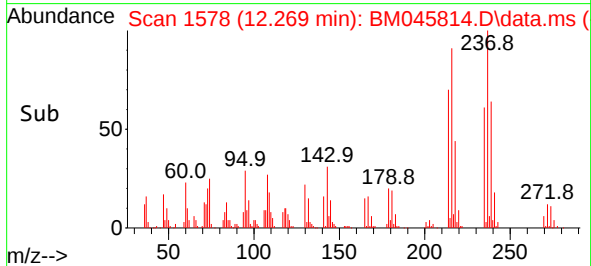


Tgt Ion:237 Resp: 70554
Ion Ratio Lower Upper
237 100
235 61.4 49.2 73.8
272 11.9 9.8 14.8

Manual Integrations
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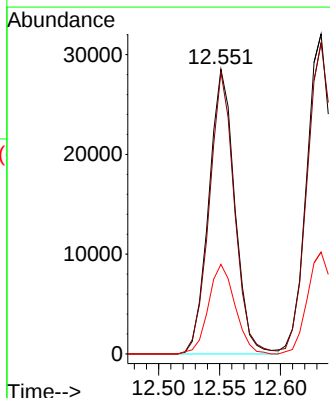
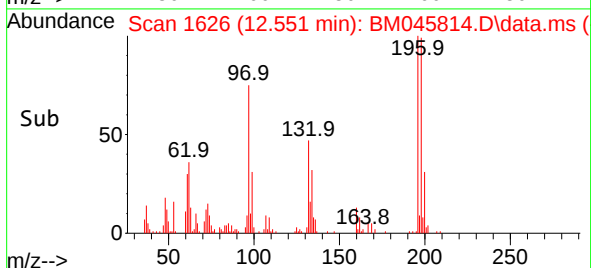
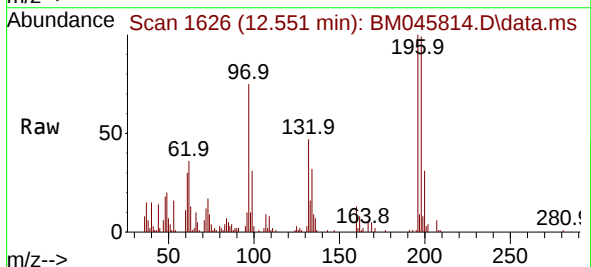
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

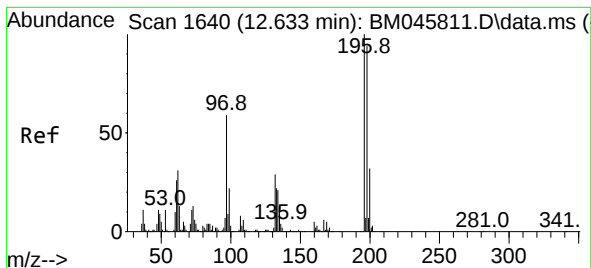
Supervised By :mohammad
ahmed
06/06/2024



#41
2,4,6-Trichlorophenol
Concen: 3.775 ng/ul
RT: 12.551 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

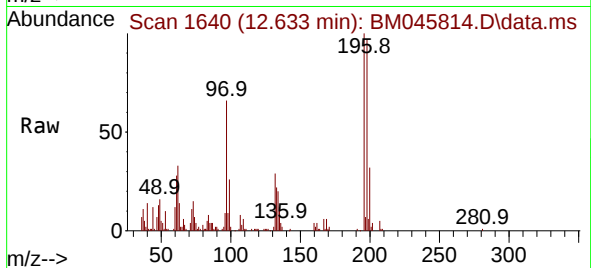
Tgt Ion:196 Resp: 42274
Ion Ratio Lower Upper
196 100
198 99.0 78.2 117.4
200 34.1 26.5 39.7





#42
2,4,5-Trichlorophenol
Concen: 4.024 ng/ul
RT: 12.633 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

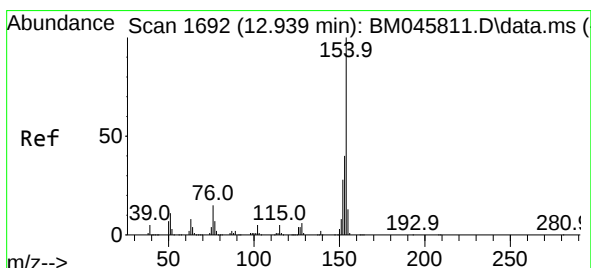
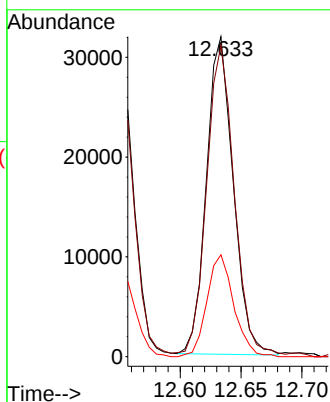
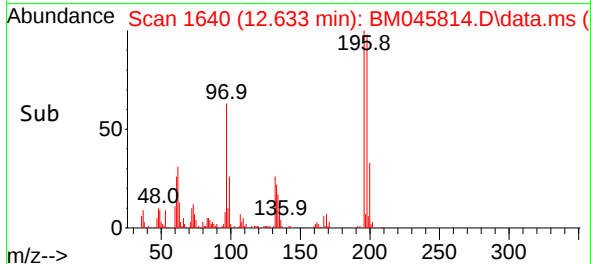


Tgt Ion:196 Resp: 4890
Ion Ratio Lower Upper
196 100
198 97.2 77.6 116.4
200 31.9 25.0 37.6

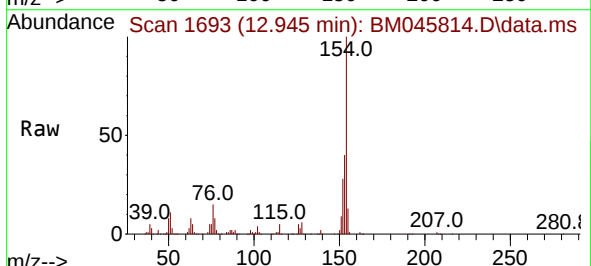
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

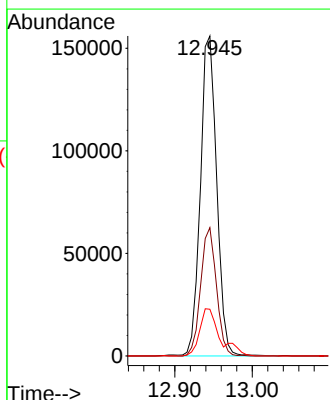
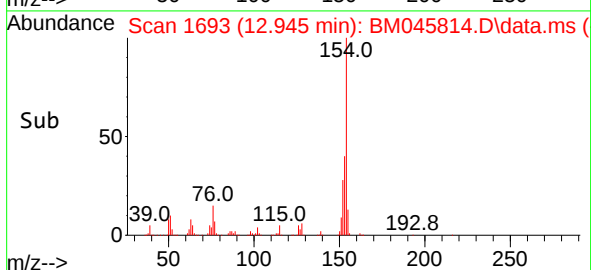
Supervised By :mohammad
ahmed
06/06/2024

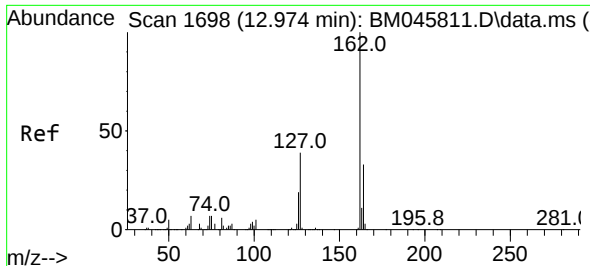


#43
1,1'-Biphenyl
Concen: 4.775 ng/ul
RT: 12.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09



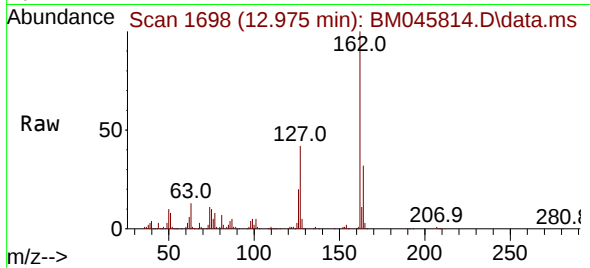
Tgt Ion:154 Resp: 227696
Ion Ratio Lower Upper
154 100
153 40.1 31.6 47.4
76 14.6 11.4 17.2





#44
2-Chloronaphthalene
Concen: 4.680 ng/ul
RT: 12.975 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

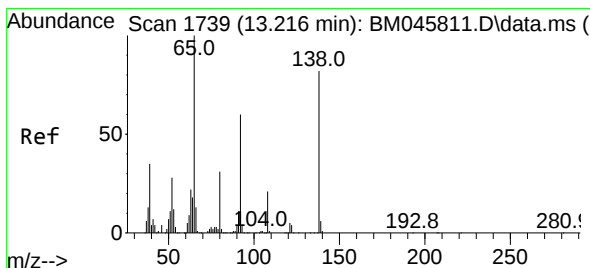
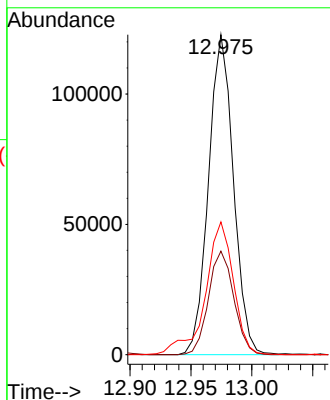


Tgt Ion:162 Resp: 17489
Ion Ratio Lower Upper
162 100
164 32.3 26.2 39.4
127 41.5 31.9 47.9

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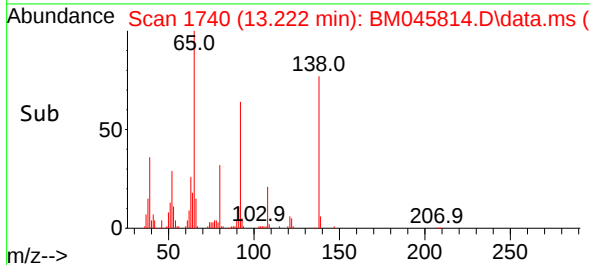
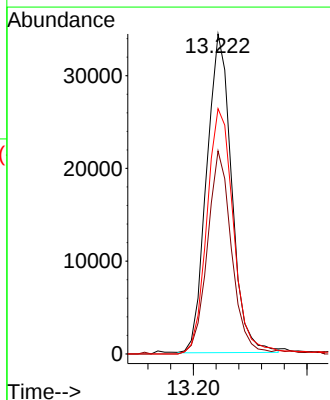
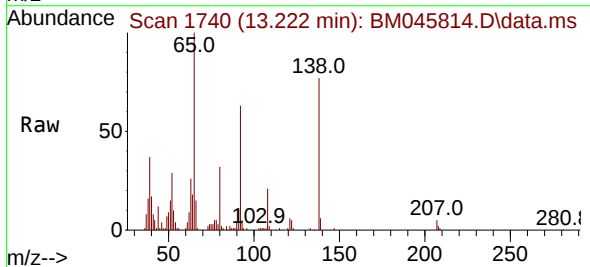
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

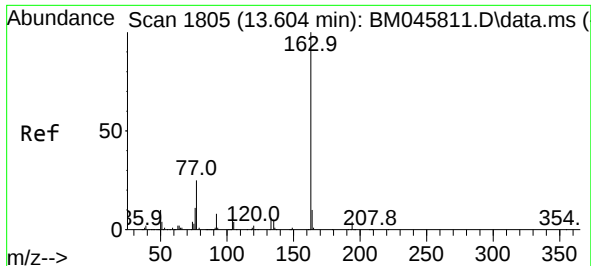
Supervised By :mohammad
ahmed
06/06/2024



#45
2-Nitroaniline
Concen: 4.130 ng/ul
RT: 13.222 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

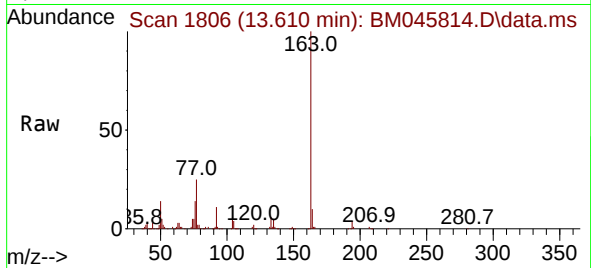
Tgt Ion: 65 Resp: 52703
Ion Ratio Lower Upper
65 100
92 63.5 48.4 72.6
138 76.7 66.3 99.5





#47
Dimethylphthalate
Concen: 4.786 ng/ul
RT: 13.610 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

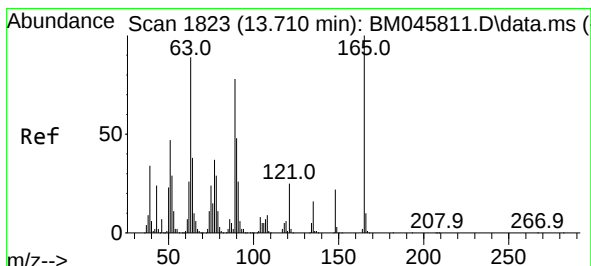
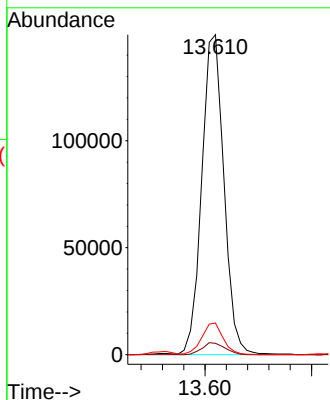
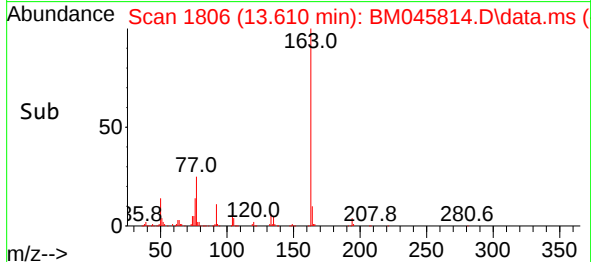


Tgt Ion:163 Resp: 216228
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 9.9 7.8 11.6

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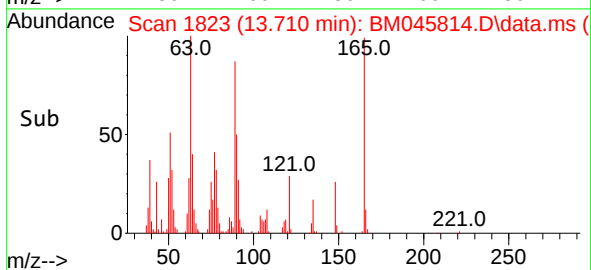
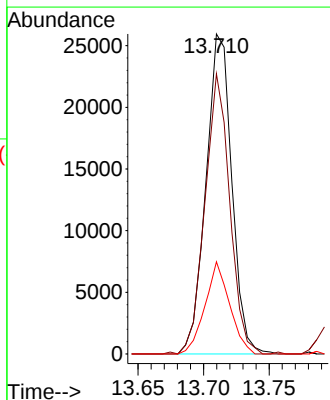
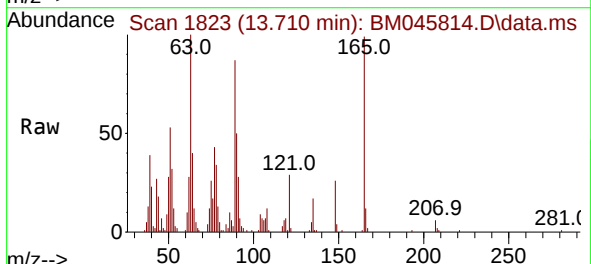
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

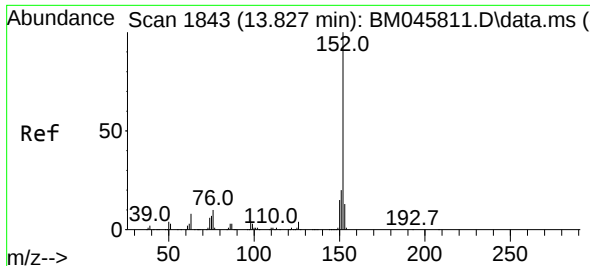
Supervised By :mohammad
ahmed
06/06/2024



#48
2,6-Dinitrotoluene
Concen: 4.098 ng/ul
RT: 13.710 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

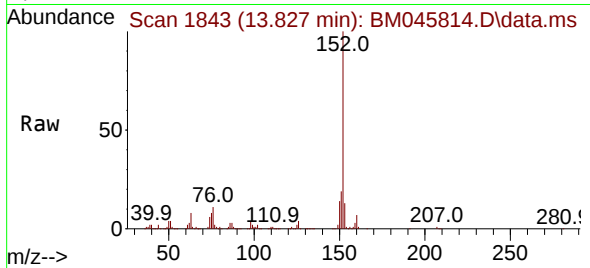
Tgt Ion:165 Resp: 35615
Ion Ratio Lower Upper
165 100
89 87.5 55.7 83.5#
121 28.8 17.8 26.8#





#50
Acenaphthylene
Concen: 4.746 ng/ul
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2024-04

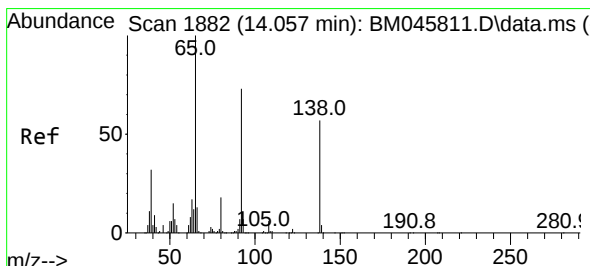
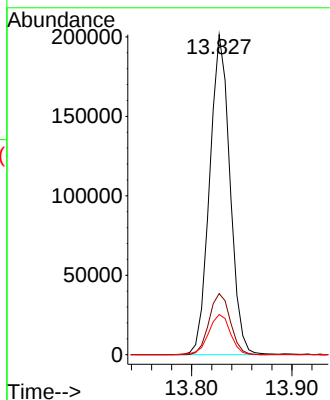
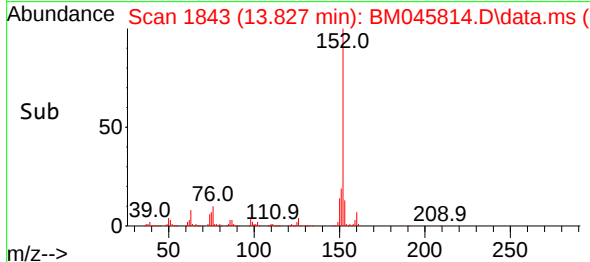


Tgt Ion:152 Resp: 28377
Ion Ratio Lower Upper
152 100
151 19.1 15.6 23.4
153 12.5 10.4 15.6

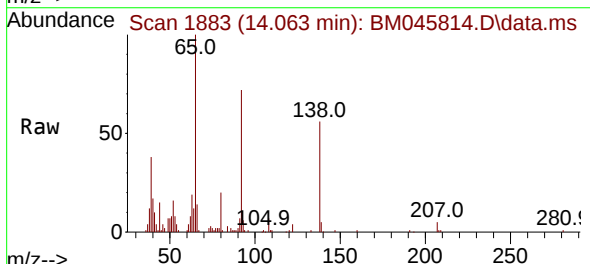
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

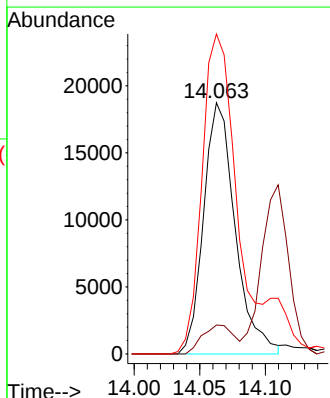
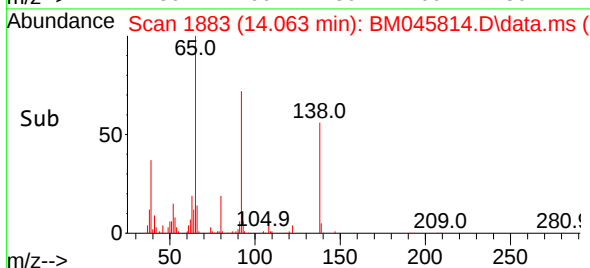
Supervised By :mohammad
ahmed
06/06/2024

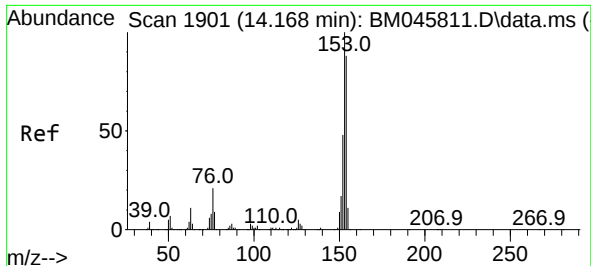


#51
3-Nitroaniline
Concen: 3.937 ng/ul
RT: 14.063 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09



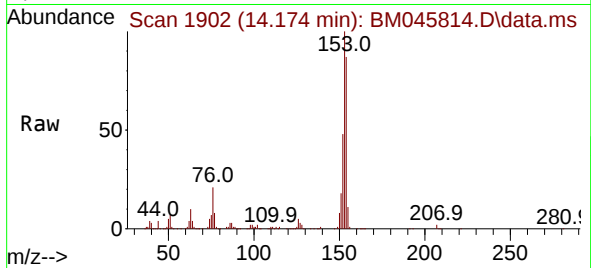
Tgt Ion:138 Resp: 31418
Ion Ratio Lower Upper
138 100
108 11.6 7.9 11.9
92 127.4 103.1 154.7





#52
Acenaphthene
Concen: 4.743 ng/ul
RT: 14.174 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

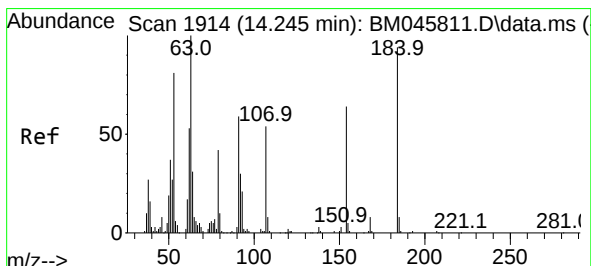
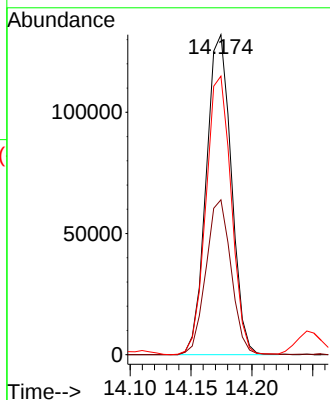
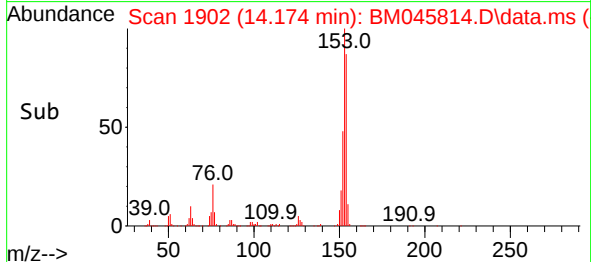


Tgt Ion:153 Resp: 18925
Ion Ratio Lower Upper
153 100
152 48.4 38.6 58.0
154 87.1 70.7 106.1

Manual Integrations
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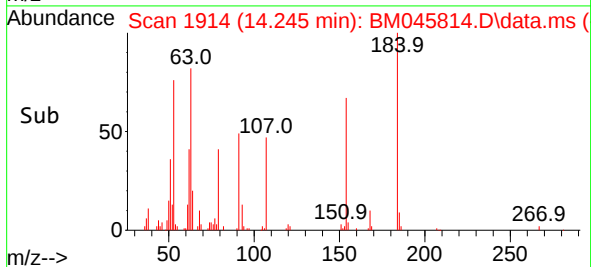
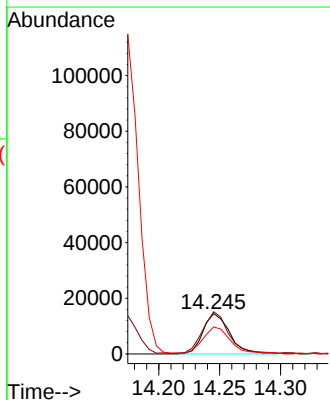
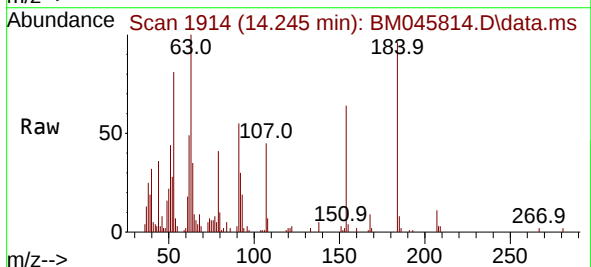
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

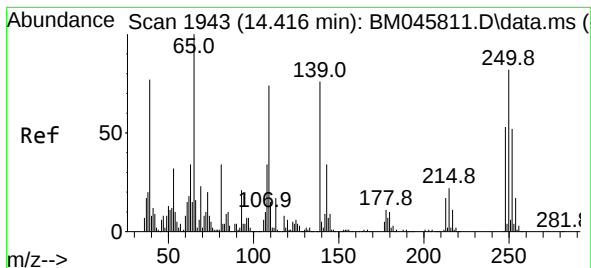
Supervised By :mohammad
ahmed
06/06/2024



#53
2,4-Dinitrophenol
Concen: 5.539 ng/ul
RT: 14.245 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

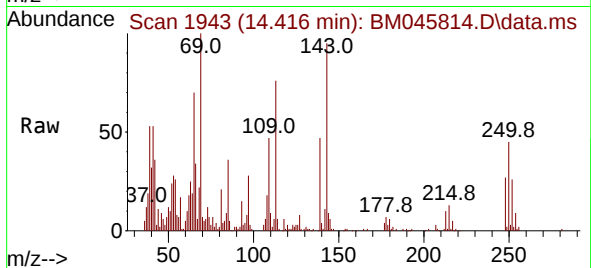
Tgt Ion:184 Resp: 21918
Ion Ratio Lower Upper
184 100
63 104.7 76.4 114.6
154 67.3 52.9 79.3





#55
4-Nitrophenol
Concen: 5.171 ng/ul
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

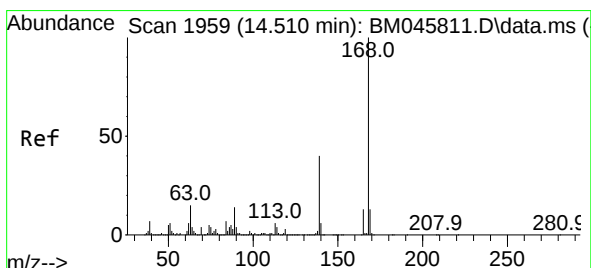
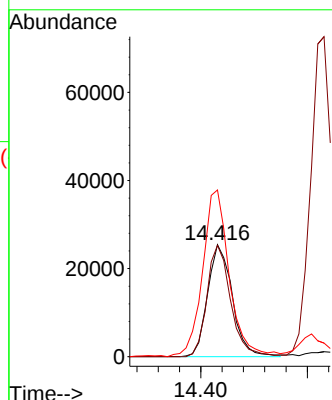
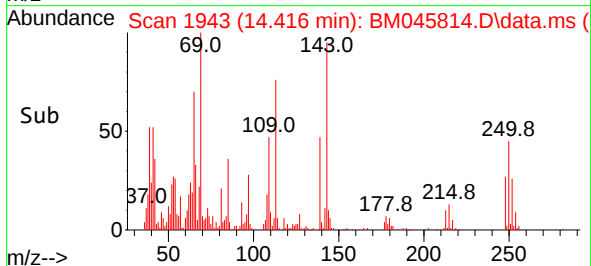


Tgt Ion:109 Resp: 40968
Ion Ratio Lower Upper
109 100
139 99.5 79.0 118.6
65 149.0 104.3 156.5

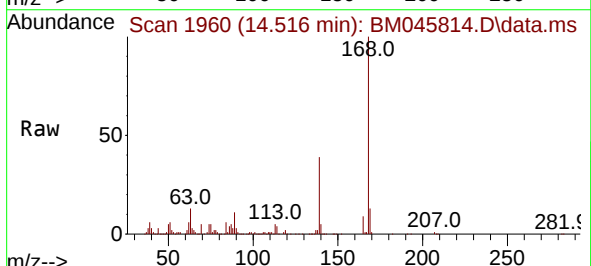
Manual Integrations
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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

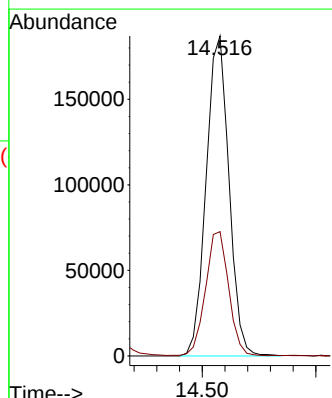
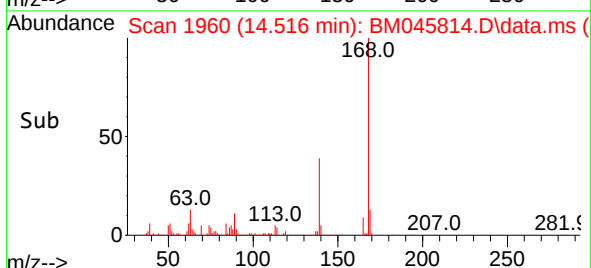
Supervised By :mohammad
ahmed
06/06/2024

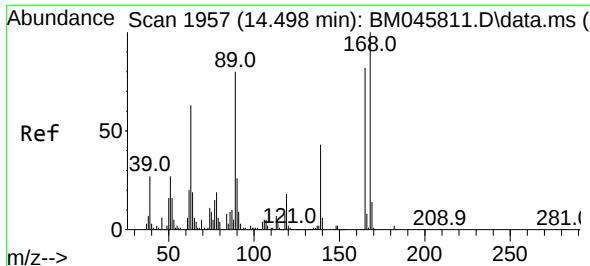


#56
Dibenzofuran
Concen: 4.851 ng/ul
RT: 14.516 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09



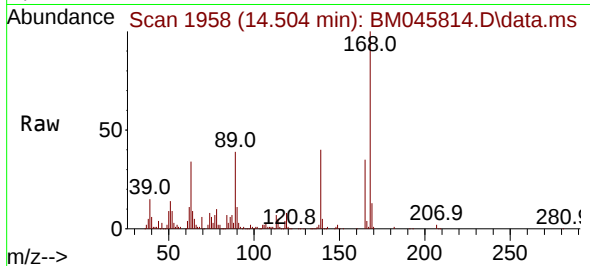
Tgt Ion:168 Resp: 261029
Ion Ratio Lower Upper
168 100
139 38.9 32.2 48.2





#57
2,4-Dinitrotoluene
Concen: 4.536 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

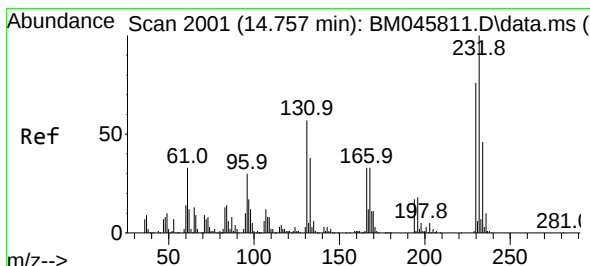
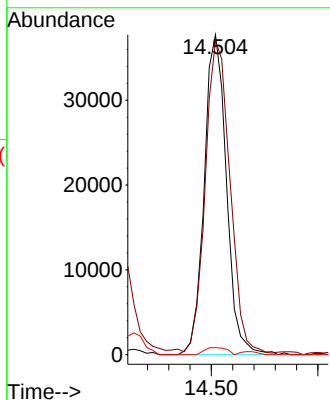
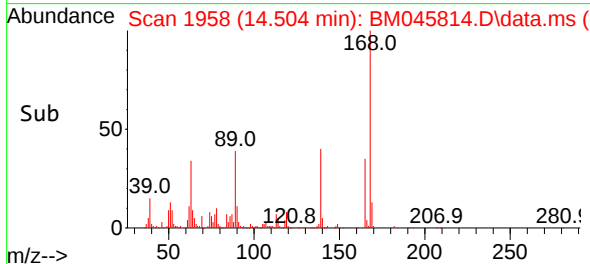


Tgt Ion:165 Resp: 5454
Ion Ratio Lower Upper
165 100
63 98.2 61.9 92.9
182 2.2 2.2 3.2

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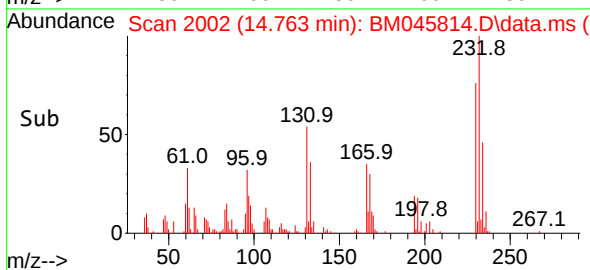
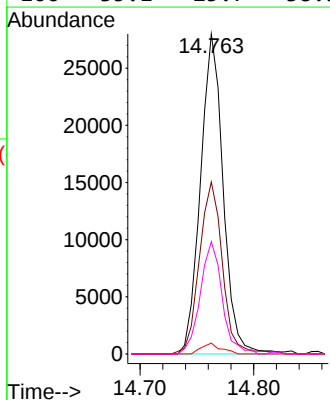
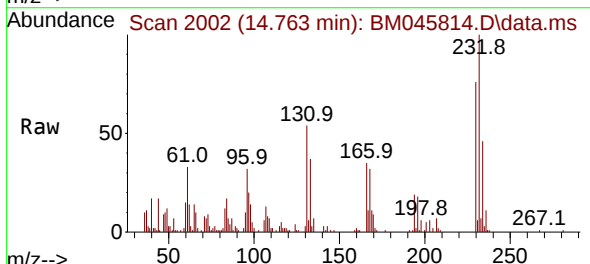
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

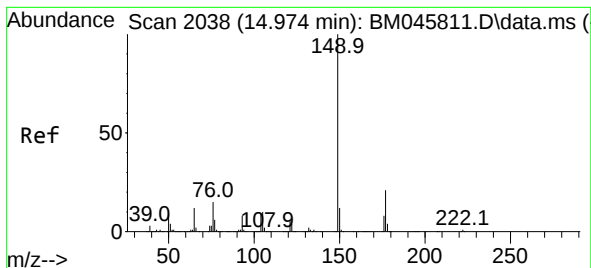
Supervised By :mohammad
ahmed
06/06/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.225 ng/ul
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:232 Resp: 38792
Ion Ratio Lower Upper
232 100
131 53.8 39.0 58.6
130 3.4 2.2 3.4#
166 35.1 25.7 38.5





#59

Diethylphthalate

Concen: 4.774 ng/ul

RT: 14.980 min Scan# 2039

Delta R.T. 0.000 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion:149 Resp: 21597

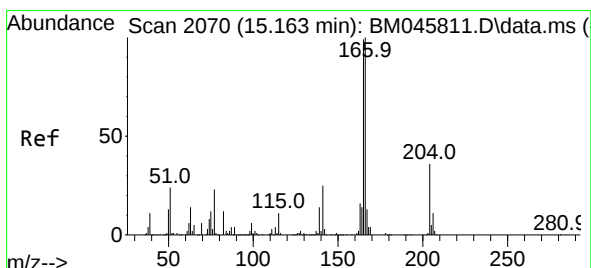
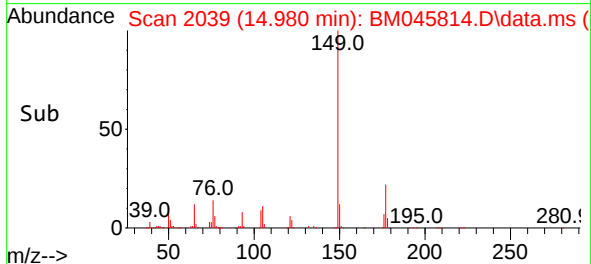
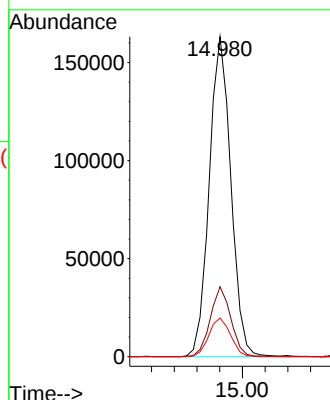
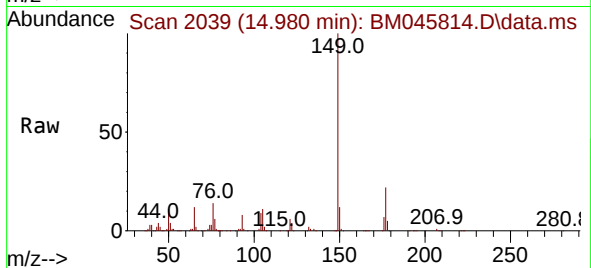
Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.1	25.7
150	12.1	9.6	14.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#61

Fluorene

Concen: 4.908 ng/ul

RT: 15.163 min Scan# 2070

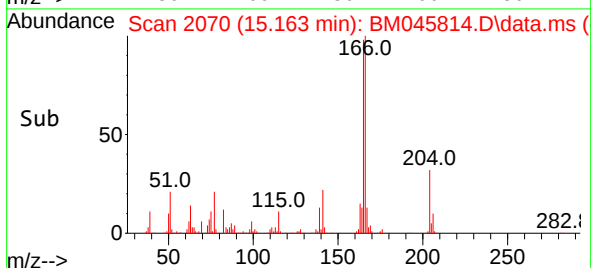
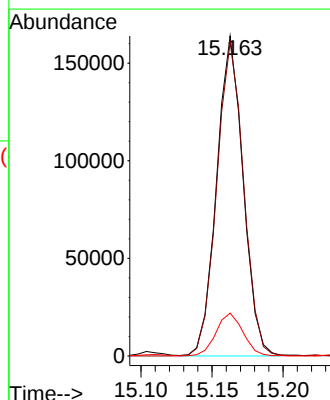
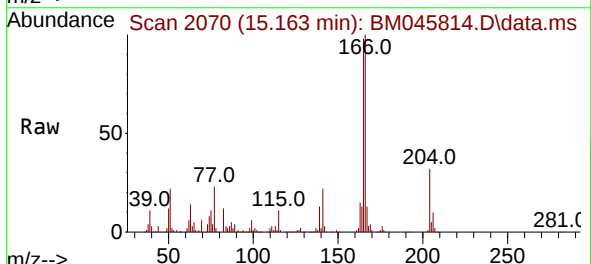
Delta R.T. 0.000 min

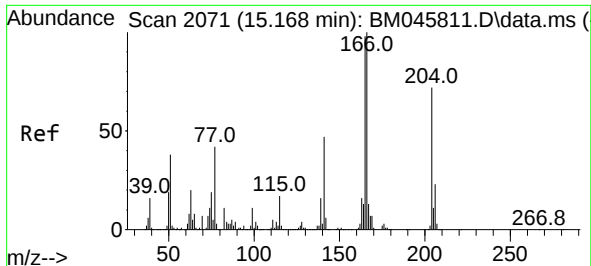
Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Tgt Ion:166 Resp: 212793

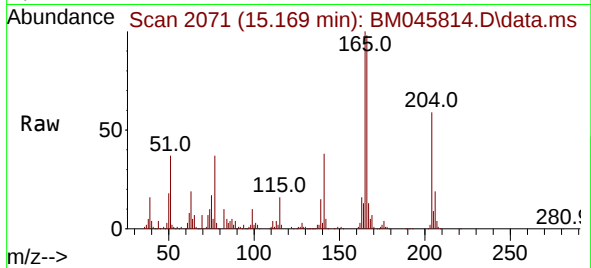
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	13.4	10.6	16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.702 ng/ul
RT: 15.169 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

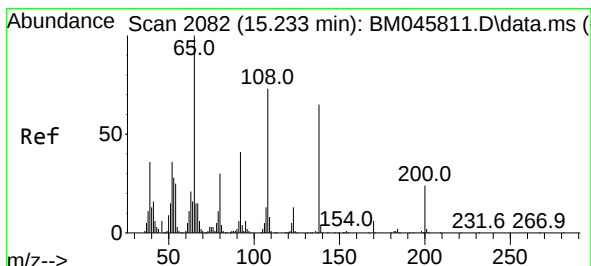
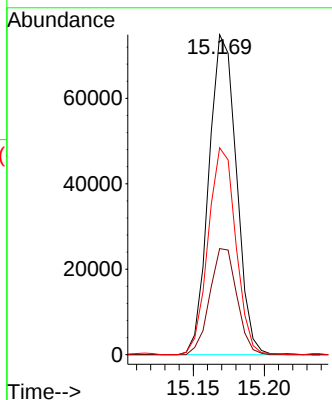
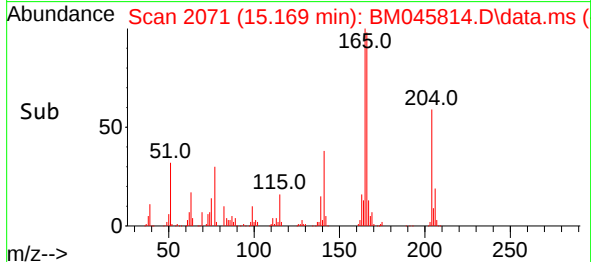


Tgt Ion:204 Resp: 10120
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 64.7 50.2 75.2

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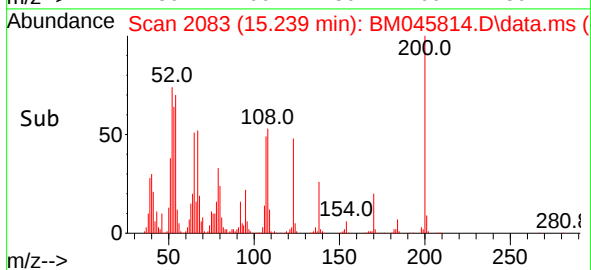
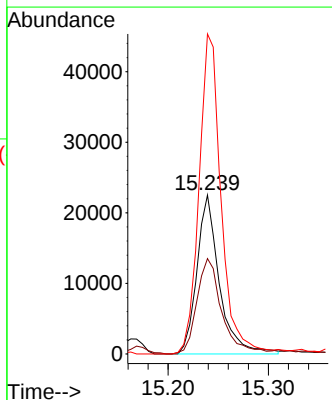
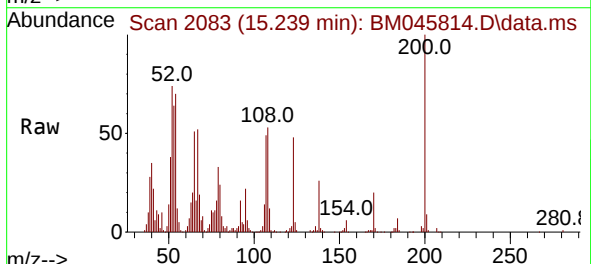
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

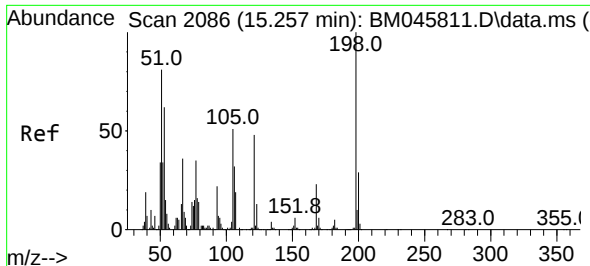
Supervised By :mohammad
ahmed
06/06/2024



#63
4-Nitroaniline
Concen: 5.296 ng/ul
RT: 15.239 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

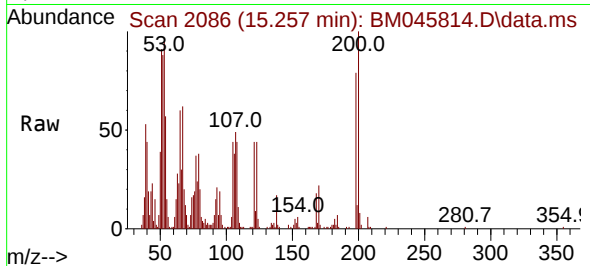
Tgt Ion:138 Resp: 35098
Ion Ratio Lower Upper
138 100
92 60.1 47.2 70.8
108 201.5 97.4 146.0#





#66
4,6-Dinitro-2-methylphenol
Concen: 4.427 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

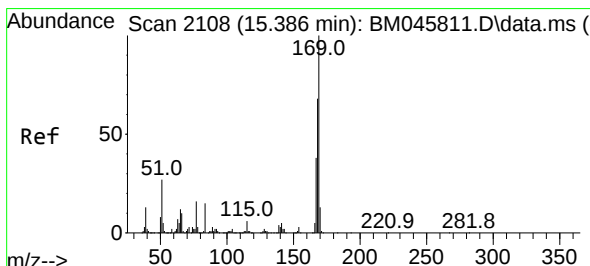
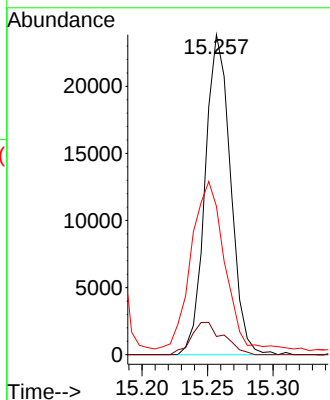
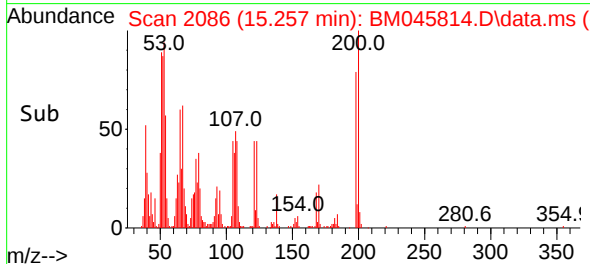


Tgt Ion:198 Resp: 32150
Ion Ratio Lower Upper
198 100
182 5.7 3.4 5.0
77 46.4 24.7 37.1

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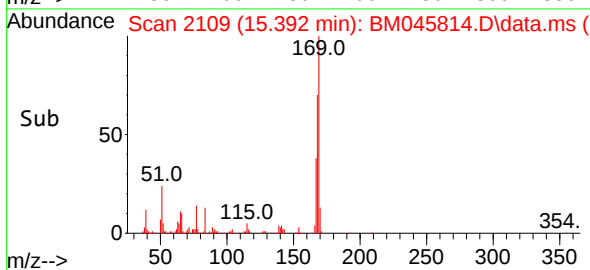
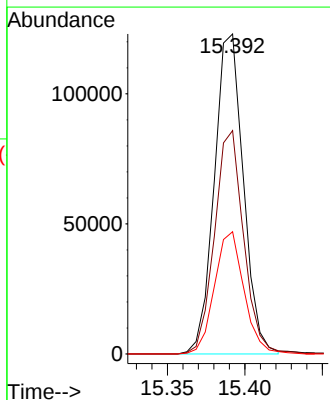
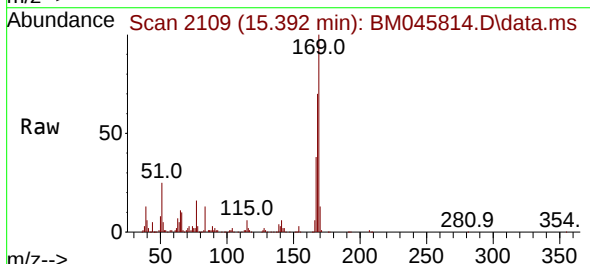
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

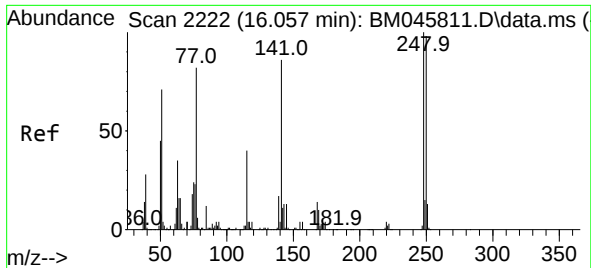
Supervised By :mohammad
ahmed
06/06/2024



#67
N-Nitrosodiphenylamine
Concen: 4.365 ng/ul
RT: 15.392 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

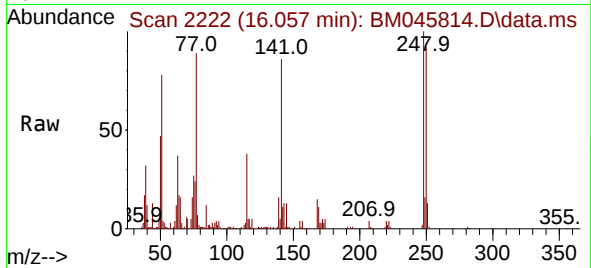
Tgt Ion:169 Resp: 160329
Ion Ratio Lower Upper
169 100
168 69.8 53.6 80.4
167 38.2 30.4 45.6





#68
4-Bromophenyl-phenylether
Concen: 4.397 ng/ul
RT: 16.057 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

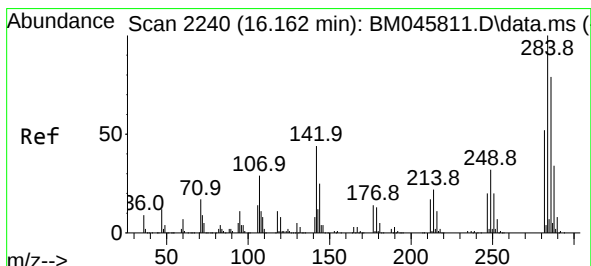
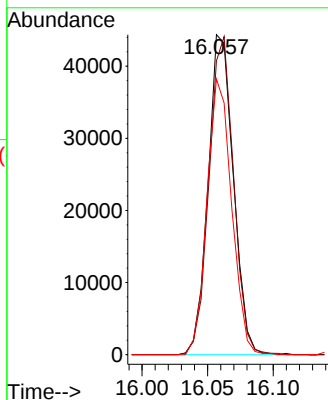
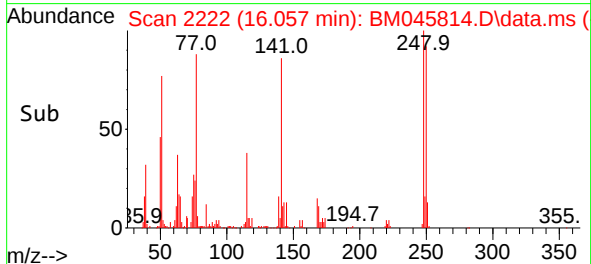


Tgt Ion:248 Resp: 5941
Ion Ratio Lower Upper
248 100
250 91.8 79.3 118.9
141 86.2 65.8 98.6

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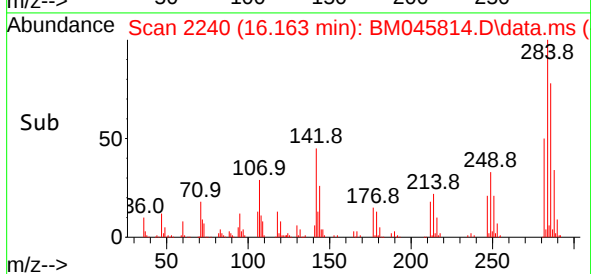
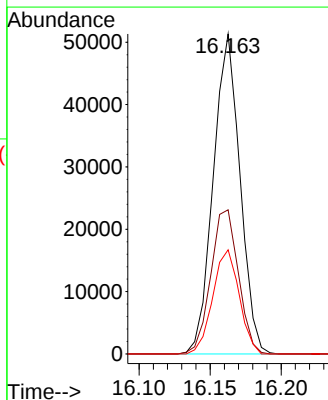
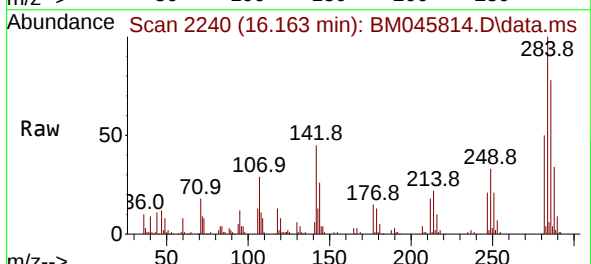
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

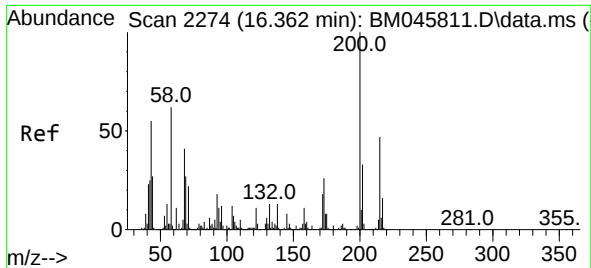
Supervised By :mohammad
ahmed
06/06/2024



#69
Hexachlorobenzene
Concen: 4.491 ng/ul
RT: 16.163 min Scan# 2240
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

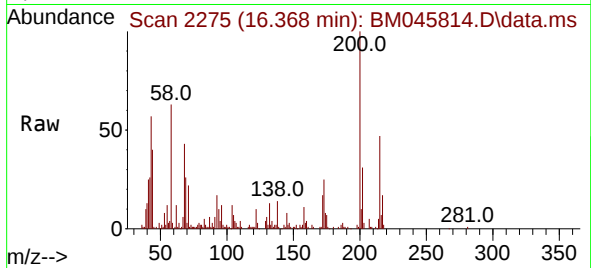
Tgt Ion:284 Resp: 67108
Ion Ratio Lower Upper
284 100
142 42.6 35.4 53.0
249 30.8 25.8 38.8





#70
Atrazine
Concen: 5.448 ng/ul
RT: 16.368 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

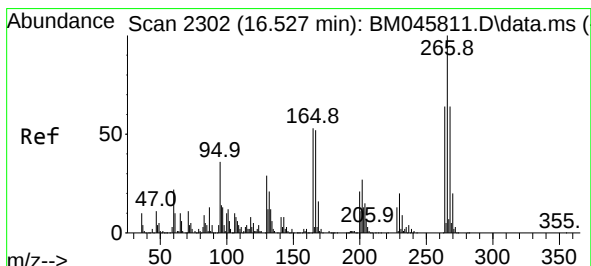
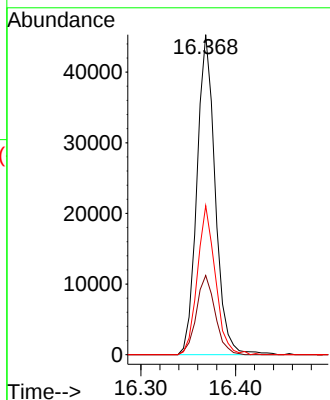
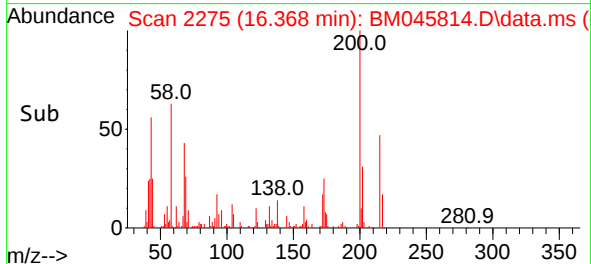


Tgt Ion:200 Resp: 6065
Ion Ratio Lower Upper
200 100
173 24.8 20.6 31.0
215 46.5 36.7 55.1

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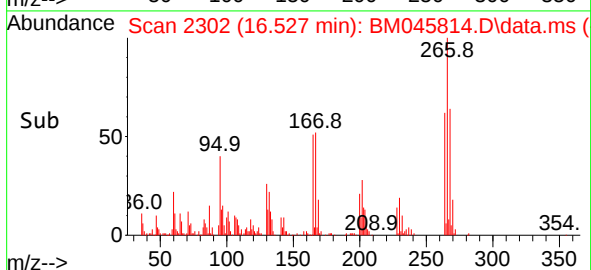
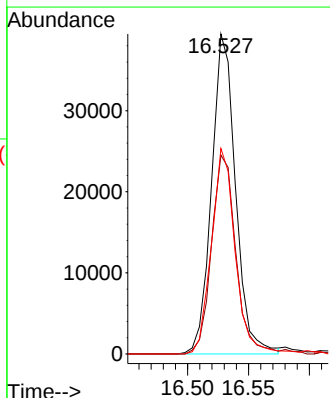
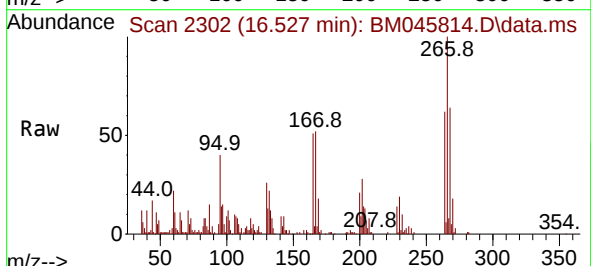
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

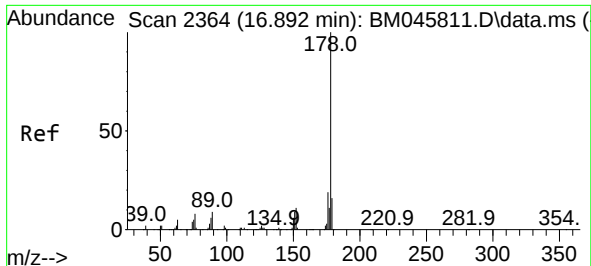
Supervised By :mohammad
ahmed
06/06/2024



#71
Pentachlorophenol
Concen: 7.131 ng/ul
RT: 16.527 min Scan# 2302
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

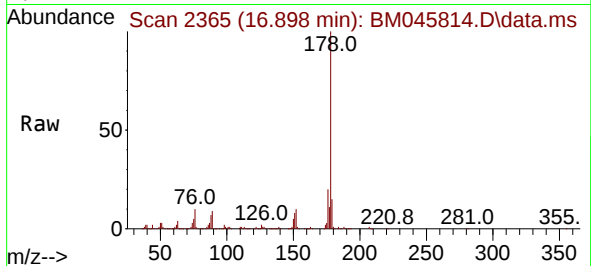
Tgt Ion:266 Resp: 54069
Ion Ratio Lower Upper
266 100
264 62.1 48.2 72.2
268 69.3 50.8 76.2





#72
Phenanthrene
Concen: 4.740 ng/ul
RT: 16.898 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

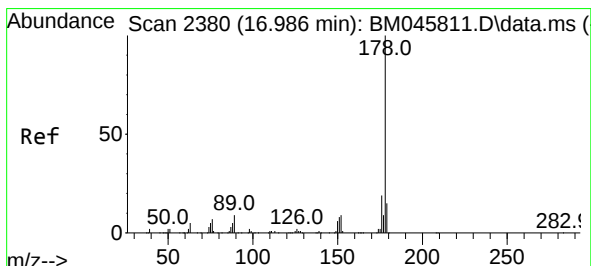
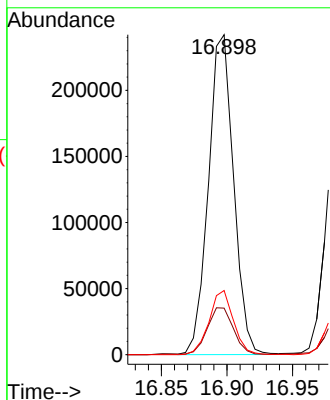
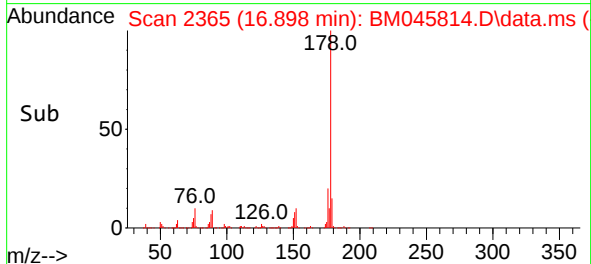


Tgt Ion:178 Resp: 32371
Ion Ratio Lower Upper
178 100
179 14.6 12.4 18.6
176 20.1 15.3 22.9

Manual Integrations
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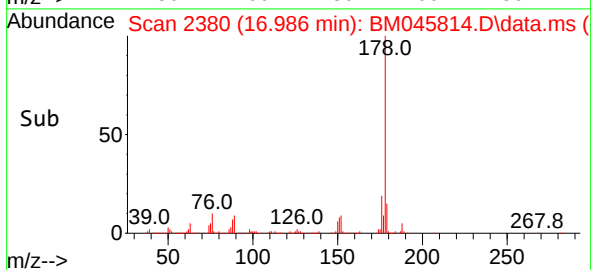
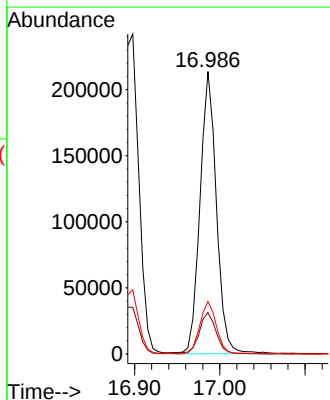
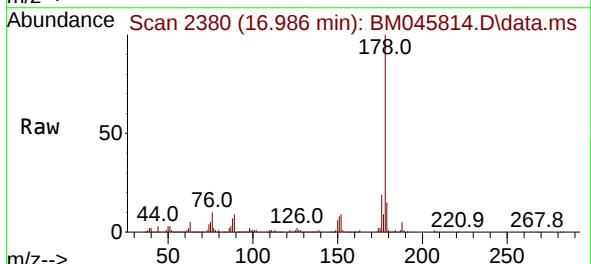
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

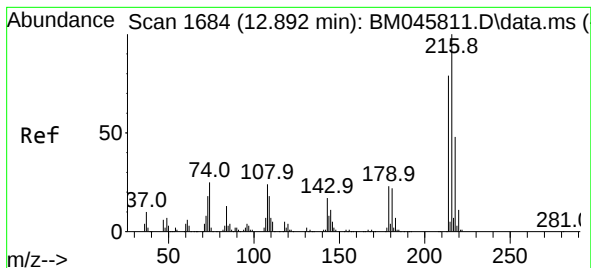
Supervised By :mohammad
ahmed
06/06/2024



#74
Anthracene
Concen: 4.181 ng/ul
RT: 16.986 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:178 Resp: 285180
Ion Ratio Lower Upper
178 100
179 14.7 12.0 18.0
176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 4.165 ng/uL

RT: 12.898 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045814.D

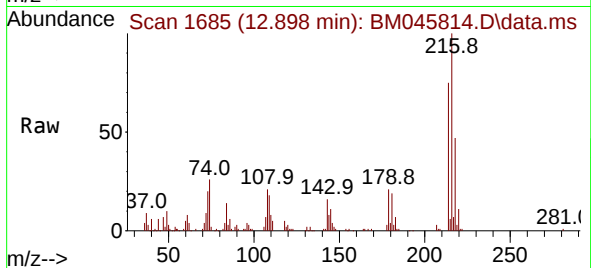
Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04



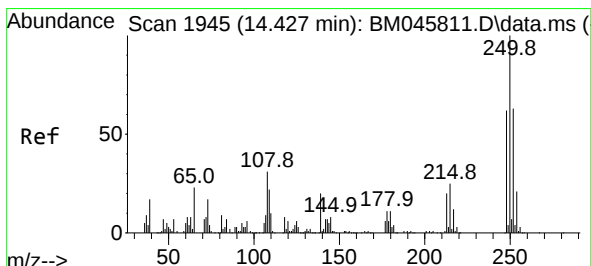
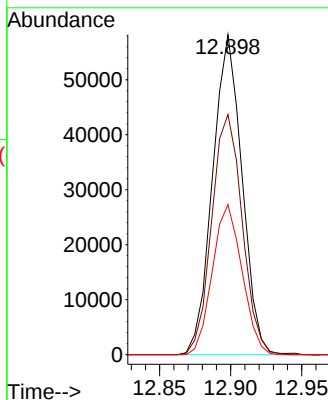
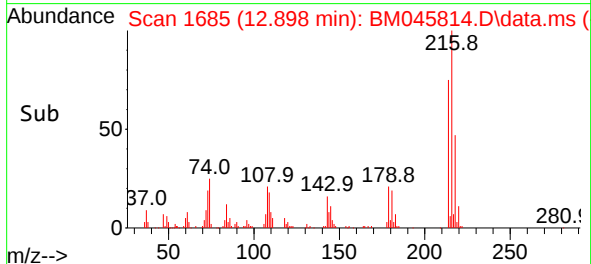
Tgt Ion:	216	Resp:	83724
Ion Ratio	Lower	Upper	
216	100		
214	75.1	63.2	94.8
218	46.9	38.2	57.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#76

Pentachlorobenzene

Concen: 4.667 ng/uL

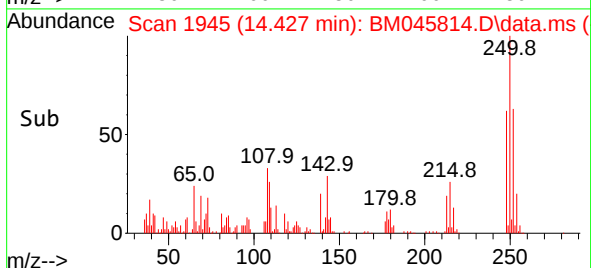
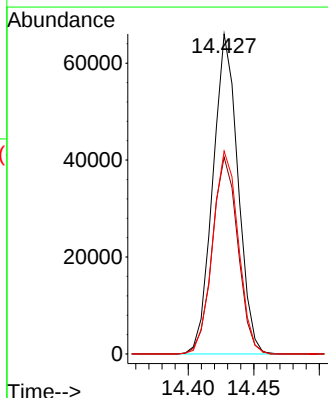
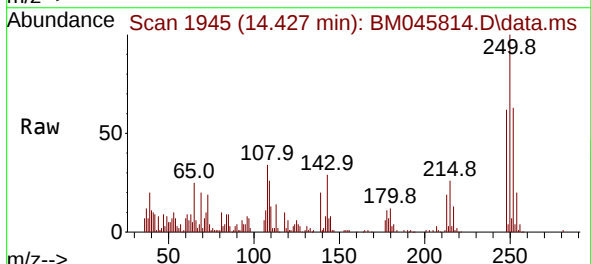
RT: 14.427 min Scan# 1945

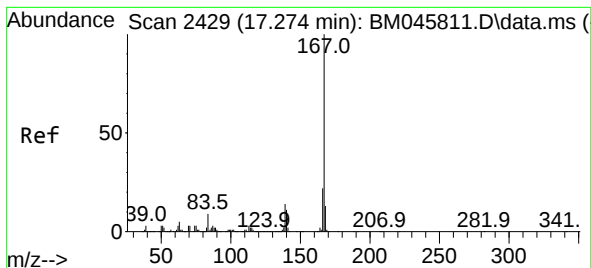
Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Tgt Ion:	250	Resp:	87741
Ion Ratio	Lower	Upper	
250	100		
248	61.5	50.2	75.2
252	63.4	49.5	74.3





#77

Carbazole

Concen: 4.704 ng/ul

RT: 17.274 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BM045814.D

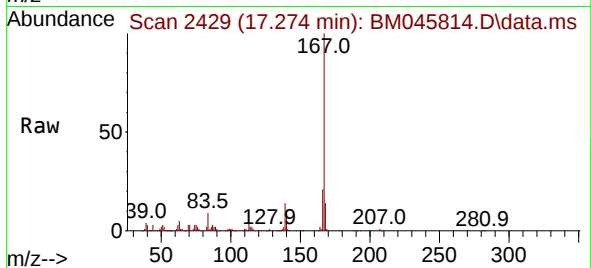
Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04



Tgt Ion:167 Resp: 273760

Ion Ratio Lower Upper

167 100

166 20.7 16.6 24.8

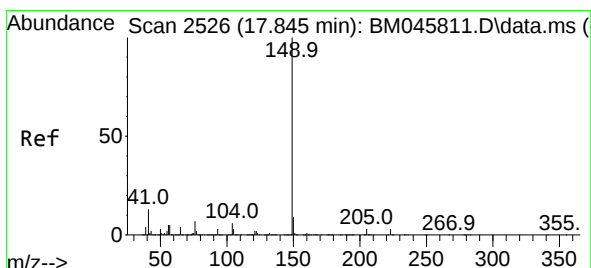
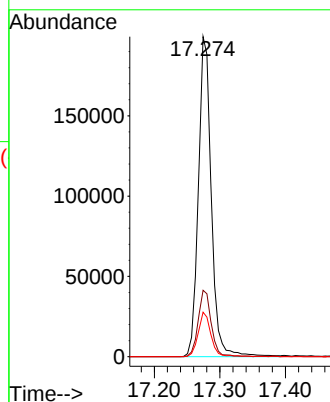
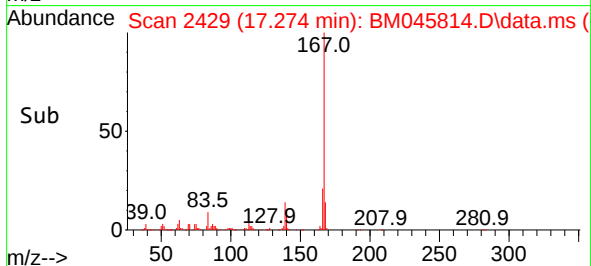
139 13.9 10.6 16.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#78

Di-n-butylphthalate

Concen: 4.459 ng/ul

RT: 17.851 min Scan# 2527

Delta R.T. 0.000 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

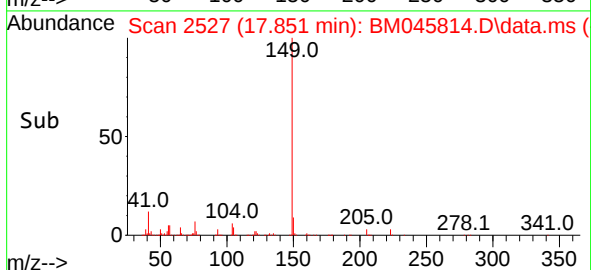
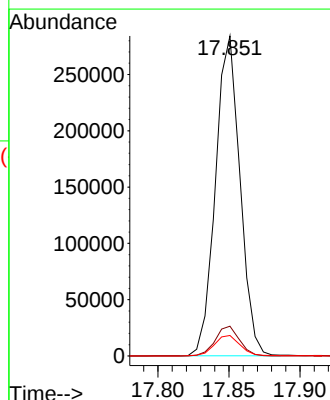
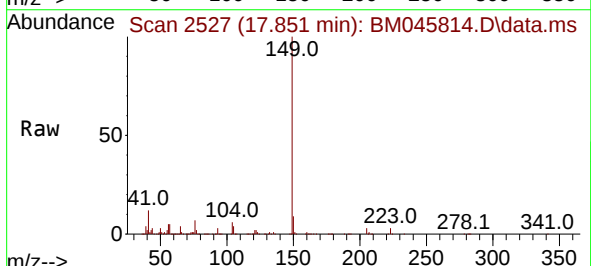
Tgt Ion:149 Resp: 341307

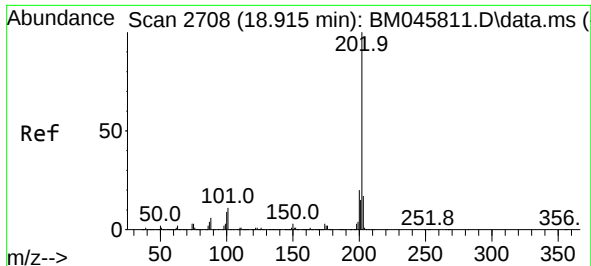
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

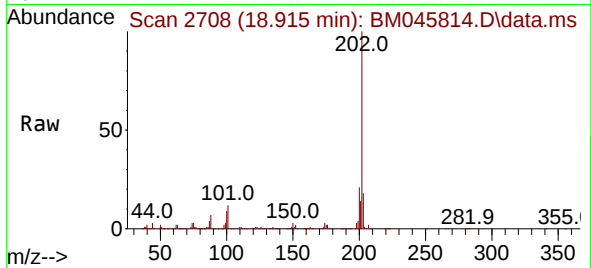
104 6.4 4.9 7.3





#80
Fluoranthene
Concen: 4.288 ng/ul
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

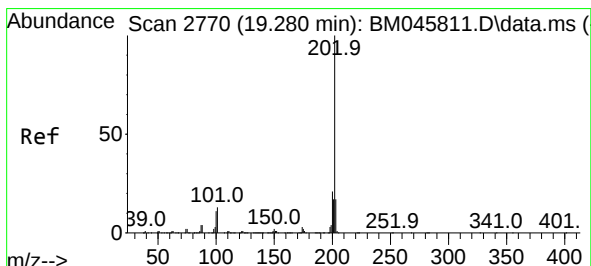
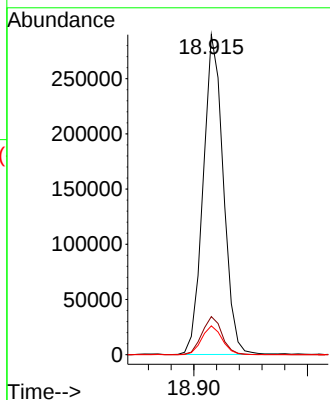
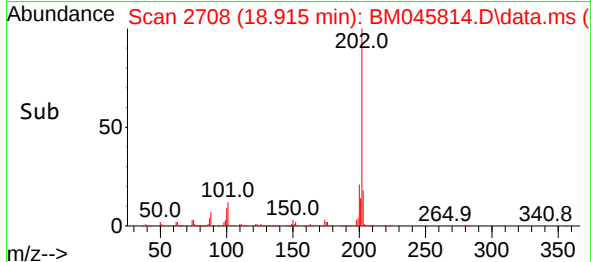


Tgt Ion:202 Resp: 35663
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 9.0 6.6 10.0

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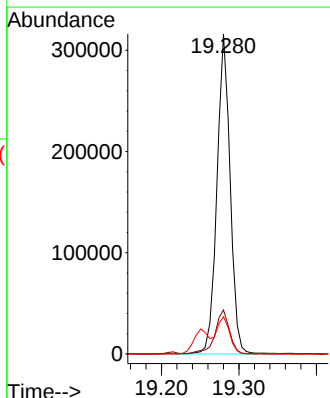
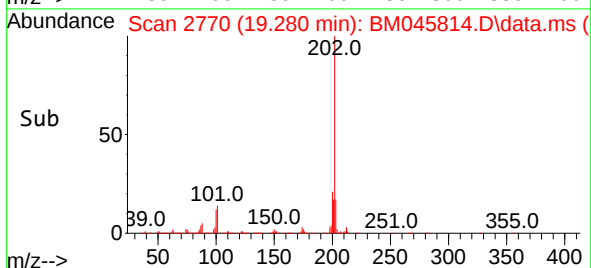
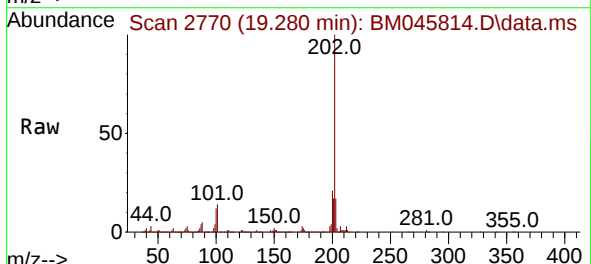
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

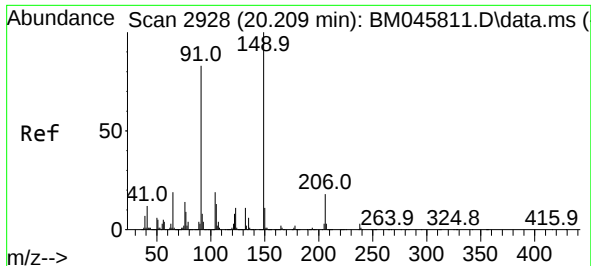
Supervised By :mohammad
ahmed
06/06/2024



#82
Pyrene
Concen: 4.377 ng/ul
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

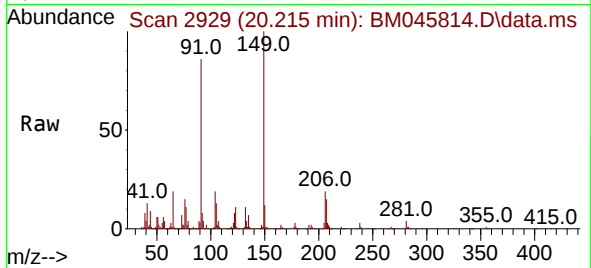
Tgt Ion:202 Resp: 373968
Ion Ratio Lower Upper
202 100
101 13.7 10.5 15.7
100 11.7 8.6 12.8





#83
Butylbenzylphthalate
Concen: 3.920 ng/ul
RT: 20.215 min Scan# 2928
Delta R.T. 0.000 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

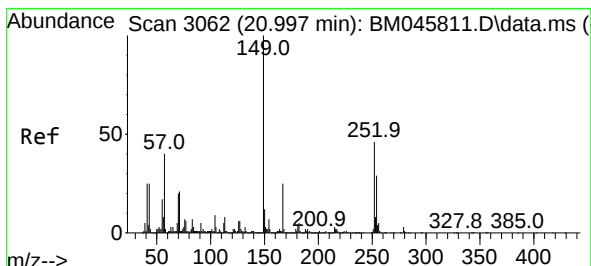
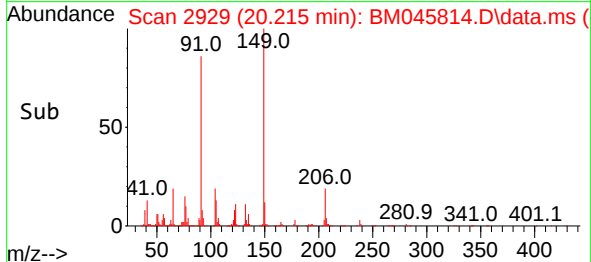
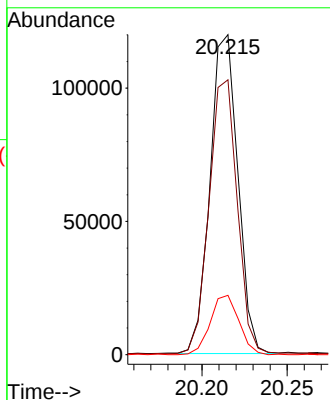


Tgt Ion:149 Resp: 13650
Ion Ratio Lower Upper
149 100
91 85.9 63.7 95.5
206 18.5 15.9 23.9

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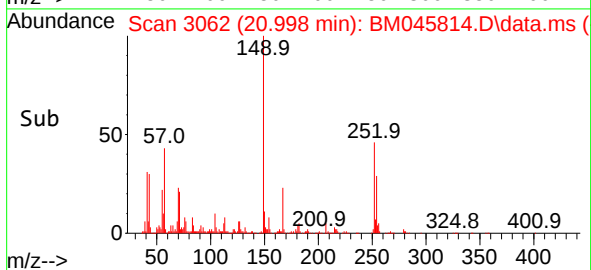
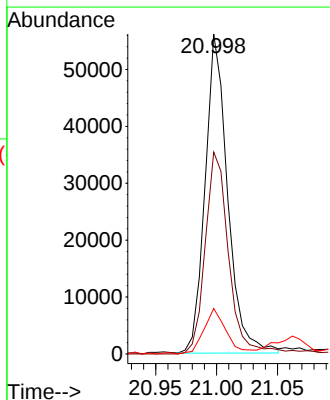
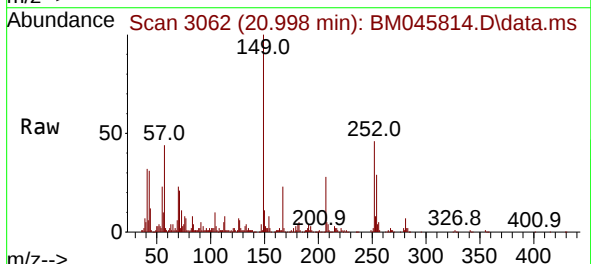
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

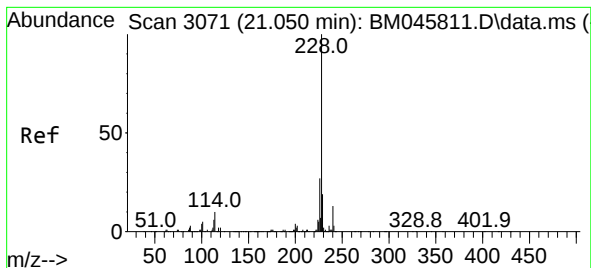
Supervised By :mohammad
ahmed
06/06/2024



#84
3,3'-Dichlorobenzidine
Concen: 3.319 ng/ul
RT: 20.998 min Scan# 3062
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:252 Resp: 72310
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.2
126 14.2 9.8 14.6





#85

Benzo(a)anthracene

Concen: 4.465 ng/ul

RT: 21.045 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04

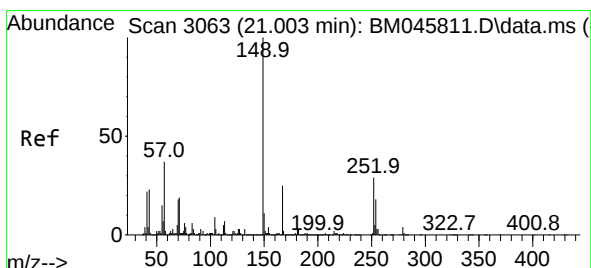
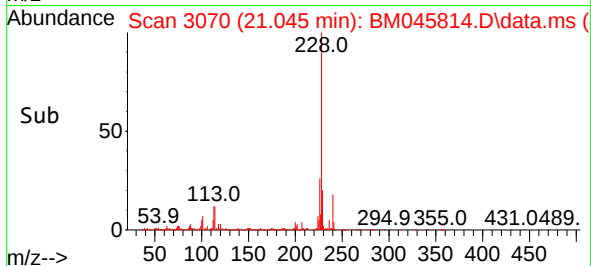
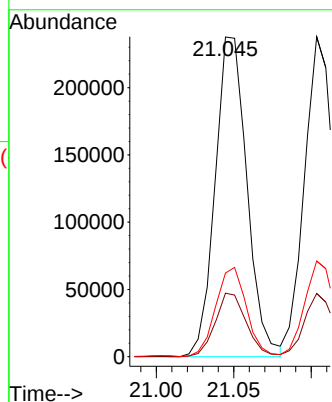
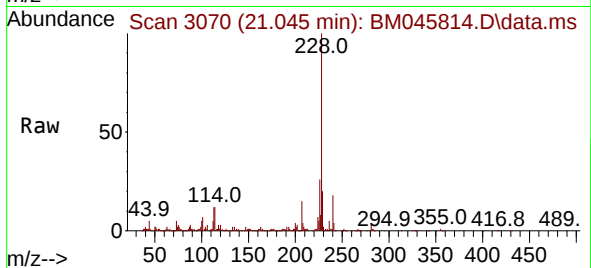
Tgt Ion:	228	Resp:	34005
Ion Ratio	Lower	Upper	
228	100		
229	19.9	15.8	23.8
226	26.2	21.4	32.0

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.046 ng/ul

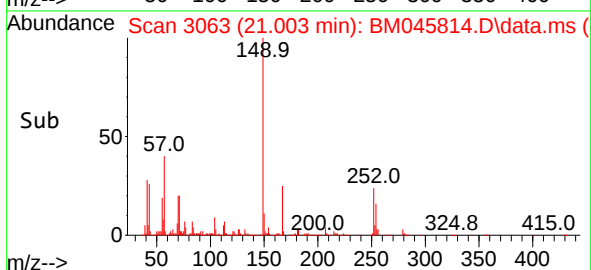
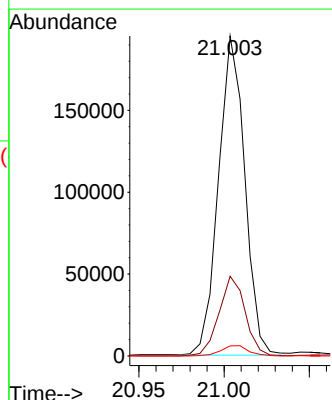
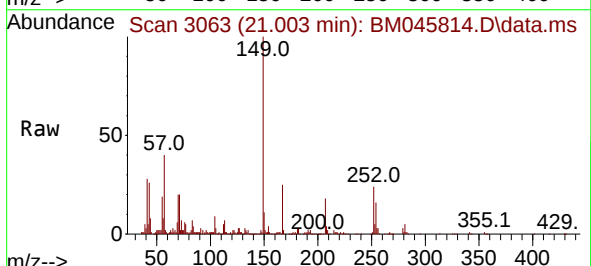
RT: 21.003 min Scan# 3063

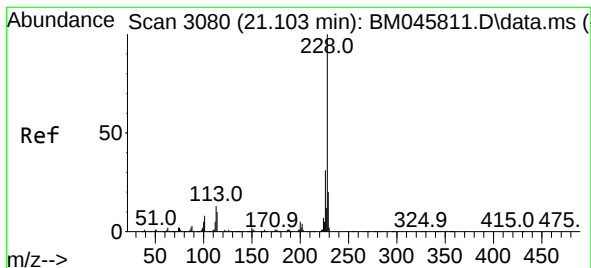
Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Tgt Ion:	149	Resp:	209354
Ion Ratio	Lower	Upper	
149	100		
167	24.9	20.4	30.6
279	3.1	3.1	4.7





#87

Chrysene

Concen: 4.493 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion:228 Resp: 316579

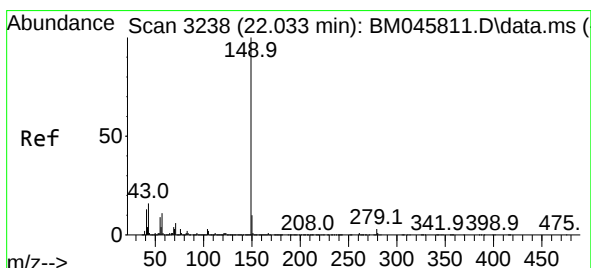
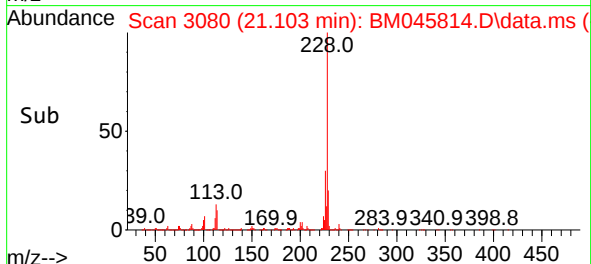
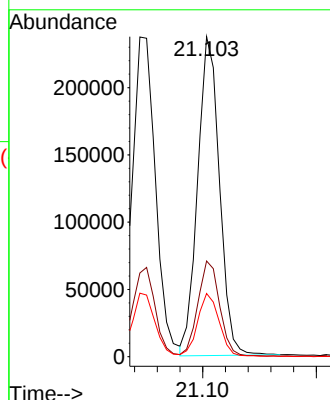
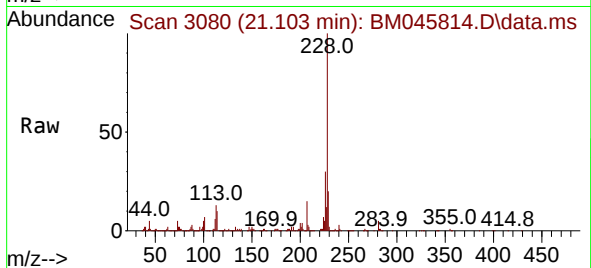
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.8	15.2	22.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#89

Di-n-octyl phthalate

Concen: 3.781 ng/ul

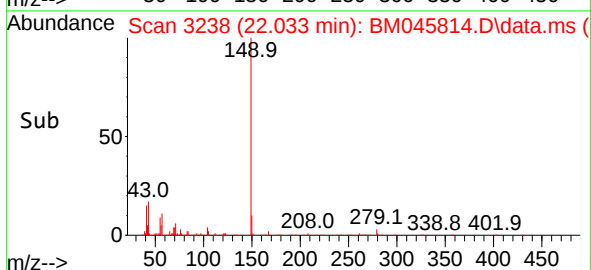
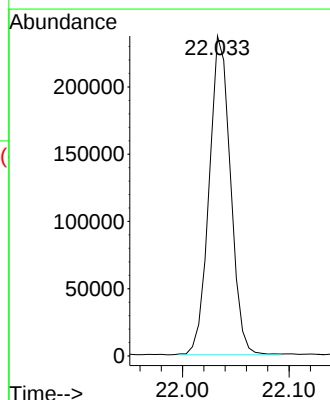
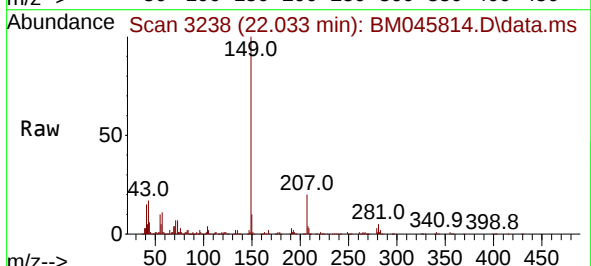
RT: 22.033 min Scan# 3238

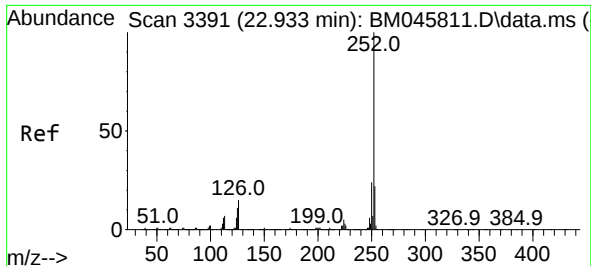
Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

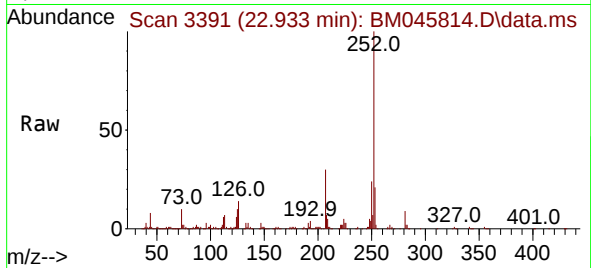
Tgt Ion:149 Resp: 329761





#90
Benzo(b)fluoranthene
Concen: 4.630 ng/ul
RT: 22.933 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2024-04

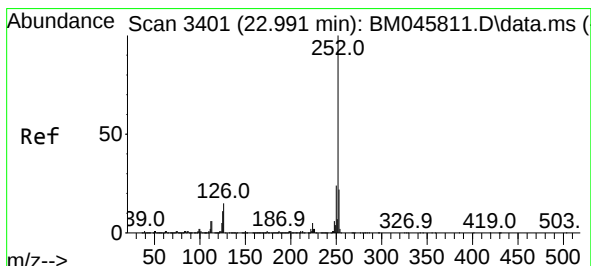
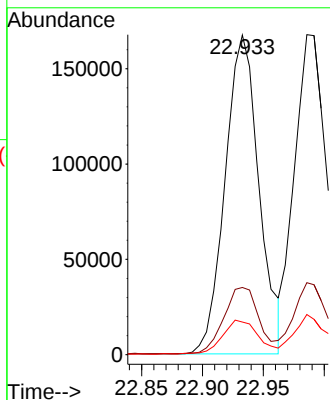
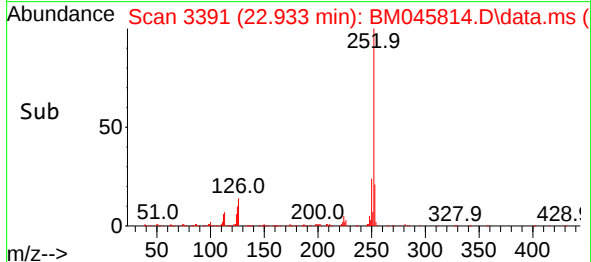


Tgt Ion:252 Resp: 324508
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.6
125 10.2 8.4 12.6

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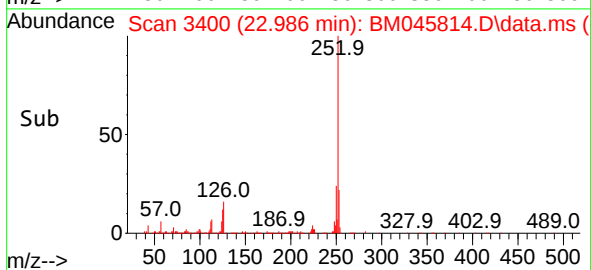
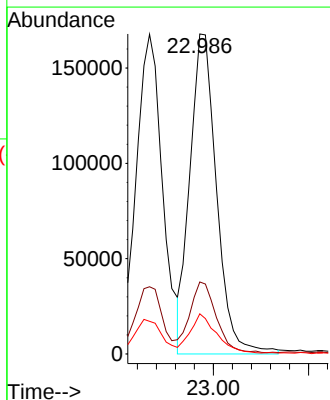
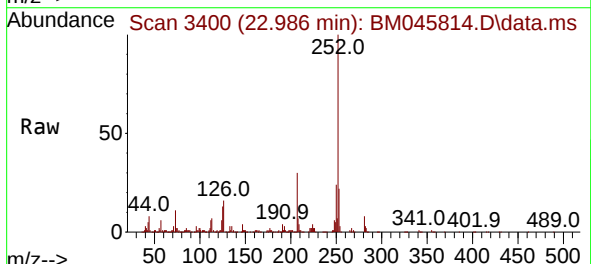
Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

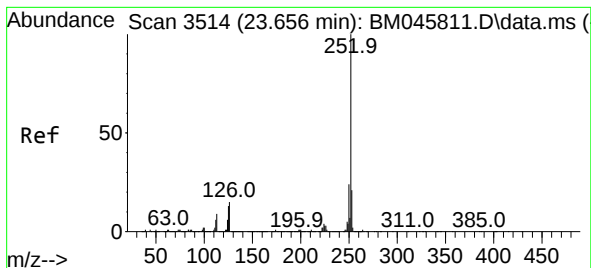
Supervised By :mohammad
ahmed
06/06/2024



#91
Benzo(k)fluoranthene
Concen: 4.776 ng/ul m
RT: 22.986 min Scan# 3400
Delta R.T. -0.012 min
Lab File: BM045814.D
Acq: 04 Jun 2024 13:09

Tgt Ion:252 Resp: 326974
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 12.6 8.2 12.4#





#93

Benzo(a)pyrene

Concen: 4.706 ng/ul

RT: 23.656 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04

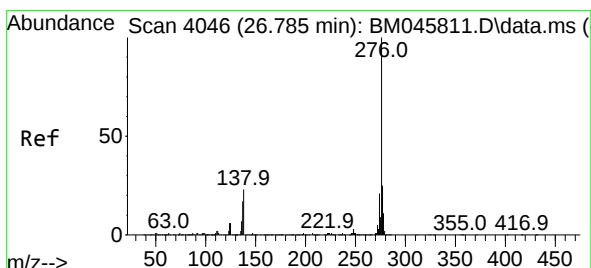
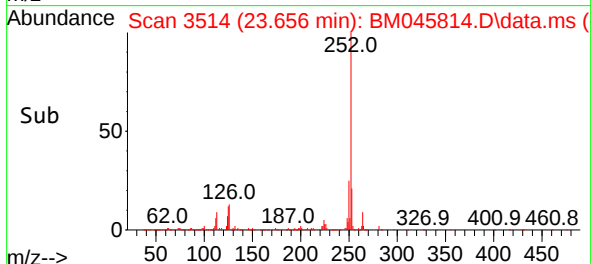
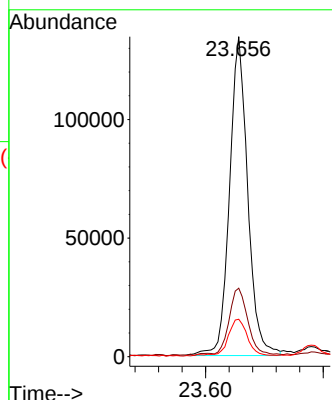
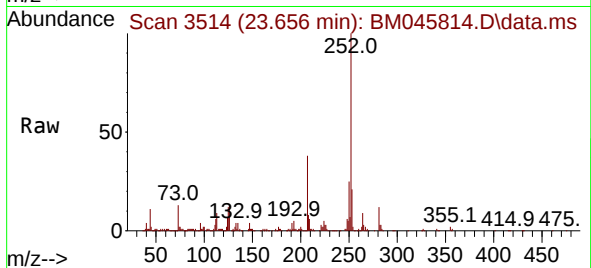
Tgt Ion:	252	Resp:	28981
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.5	26.3
125	11.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.714 ng/ul

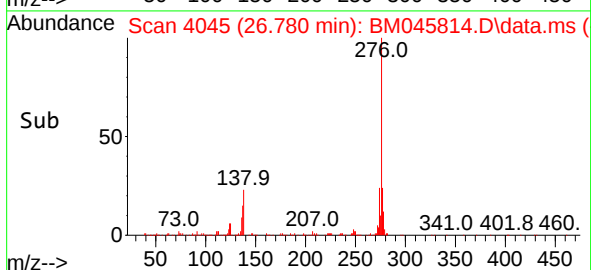
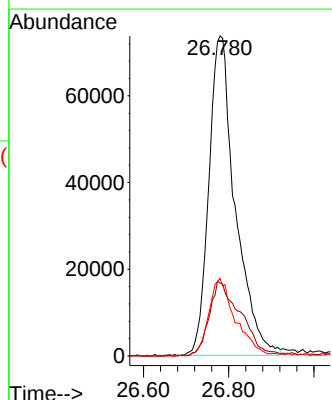
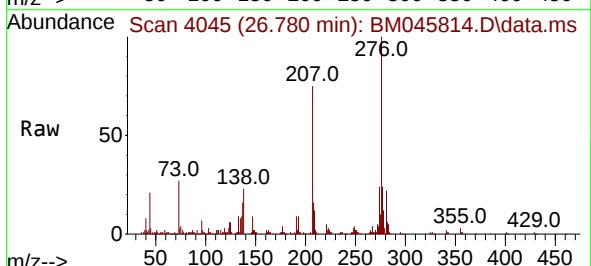
RT: 26.780 min Scan# 4045

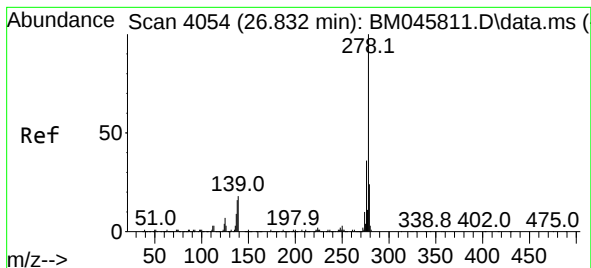
Delta R.T. -0.012 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Tgt Ion:	276	Resp:	317070
Ion Ratio	Lower	Upper	
276	100		
138	22.8	17.9	26.9
277	24.2	19.0	28.6





#95

Dibenzo(a,h)anthracene

Concen: 4.607 ng/ul

RT: 26.832 min Scan# 4054

Delta R.T. -0.006 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2024-04

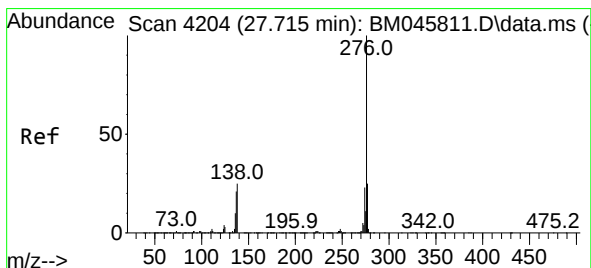
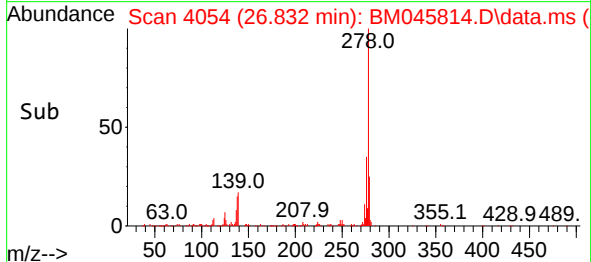
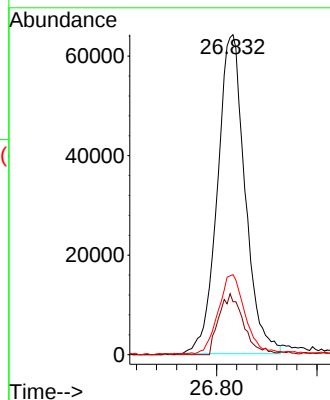
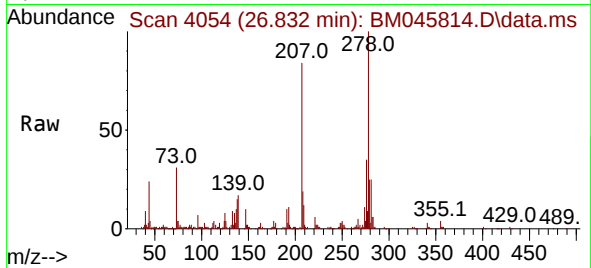
Tgt Ion:	278	Resp:	245094
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.2	19.8
279	25.0	19.1	28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024

Supervised By :mohammad
ahmed
06/06/2024



#96

Benzo(g,h,i)perylene

Concen: 4.796 ng/ul

RT: 27.709 min Scan# 4203

Delta R.T. -0.018 min

Lab File: BM045814.D

Acq: 04 Jun 2024 13:09

Tgt Ion:	276	Resp:	284093
Ion Ratio	Lower	Upper	
276	100		
138	23.8	18.6	27.8
277	24.9	18.7	28.1

