

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
 Data File : BM044560.D
 Acq On : 08 Mar 2024 10:55
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

Quant Time: Mar 08 11:37:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	282876	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.498	136	1272625	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.363	164	789846	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.115	188	1670959	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	1507593	20.000	ng/ul	0.00
88) Perylene-d12	23.568	264	1510612	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37371	4.481	ng/uL	-0.01
4) Pyridine-d5	3.669	84	539744	21.987	ng/ul	-0.01
7) Phenol-d5	6.887	99	610466	20.991	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	390386	21.732	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.251	132	461889	21.612	ng/ul	-0.02
15) 4-Methylphenol-d8	8.422	113	461083	20.187	ng/ul	-0.02
21) Nitrobenzene-d5	8.881	128	241975	22.580	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.592	143	260078	22.513	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.122	165	434865	22.118	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.645	131	677095	20.735	ng/ul	-0.02
46) Dimethylphthalate-d6	13.780	166	1318540	21.281	ng/ul	-0.01
49) Acenaphthylene-d8	14.057	160	1551309	21.893	ng/ul	0.00
54) 4-Nitrophenol-d4	14.568	143	256413	19.956	ng/ul	-0.01
60) Fluorene-d10	15.363	176	1157003	22.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.486	200	203202	18.734	ng/ul	0.00
73) Anthracene-d10	17.215	188	1663798	20.831	ng/ul	0.00
81) Pyrene-d10	19.515	212	1987054	21.490	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.421	264	1753770	22.088	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	9697	1.123	ng/uL#	85
5) Pyridine	3.693	79	100667	3.954	ng/ul#	59
6) Benzaldehyde	6.881	77	75561	5.965	ng/ul	92
8) Phenol	6.916	94	122924	4.141	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.157	93	102837	4.219	ng/ul	96
12) 2-Chlorophenol	7.281	128	94194	4.273	ng/ul	97
13) 2-Methylphenol	8.157	108	85360	3.790	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.239	45	147446	4.581	ng/ul	99
16) Acetophenone	8.545	105	153149	4.323	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.528	70	79340	4.335	ng/ul	100
18) 4-Methylphenol	8.481	108	98200	4.005	ng/ul	95
19) Hexachloroethane	8.781	117	38271	4.238	ng/ul	95
22) Nitrobenzene	8.916	77	114826	4.518	ng/ul	91
23) Isophorone	9.439	82	212830	4.105	ng/ul	97
25) 2-Nitrophenol	9.622	139	53149	4.220	ng/ul	96
26) 2,4-Dimethylphenol	9.681	107	72480	3.163	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	140601	4.312	ng/ul	99
29) 2,4-Dichlorophenol	10.145	162	87053	4.435	ng/ul	96
30) Naphthalene	10.551	128	322085	4.469	ng/ul	99
32) 4-Chloroaniline	10.669	127	131247	4.169	ng/ul	97
33) Hexachlorobutadiene	10.822	225	51537	4.684	ng/ul	96
34) Caprolactam	11.469	113	29316	3.835	ng/ul	92
35) 4-Chloro-3-methylphenol	11.792	107	89885	3.949	ng/ul	98
36) 2-Methylnaphthalene	12.169	142	211275	4.408	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030824\
 Data File : BM044560.D
 Acq On : 08 Mar 2024 10:55
 Operator : MA/JU
 Sample : P1601-04
 Misc : SFAM-MDL-SOIL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2024-02

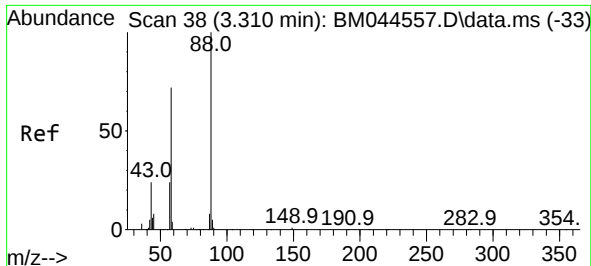
Quant Time: Mar 08 11:37:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 05 23:05:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

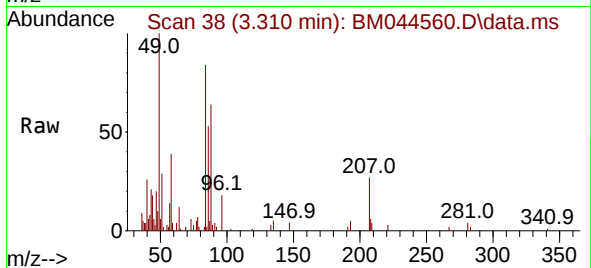
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.386	142	218470	4.620	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	101728	4.527	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	54032	3.622	ng/ul	97
41) 2,4,6-Trichlorophenol	12.786	196	61902	3.930	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	67674	4.009	ng/ul	98
43) 1,1'-Biphenyl	13.192	154	273957	4.368	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	215037	4.369	ng/ul	98
45) 2-Nitroaniline	13.451	65	57802	3.741	ng/ul	98
47) Dimethylphthalate	13.827	163	264817	4.200	ng/ul	99
48) 2,6-Dinitrotoluene	13.957	165	45492	3.612	ng/ul	98
50) Acenaphthylene	14.080	152	358787	4.344	ng/ul	100
51) 3-Nitroaniline	14.286	138	50589	3.719	ng/ul#	93
52) Acenaphthene	14.427	153	236204	4.351	ng/ul	100
53) 2,4-Dinitrophenol	14.492	184	33629	4.175	ng/ul	99
55) 4-Nitrophenol	14.586	109	40594	4.509	ng/ul	95
56) Dibenzofuran	14.763	168	320859	4.443	ng/ul	100
57) 2,4-Dinitrotoluene	14.745	165	68049	3.743	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.992	232	56186	4.022	ng/ul	96
59) Diethylphthalate	15.204	149	261096	3.990	ng/ul	98
61) Fluorene	15.415	166	266223	4.507	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.415	204	124802	4.553	ng/ul	99
63) 4-Nitroaniline	15.451	138	51536m	3.964	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.504	198	51719	4.462	ng/ul#	88
67) N-Nitrosodiphenylamine	15.633	169	210047	4.174	ng/ul	99
68) 4-Bromophenyl-phenylether	16.315	248	72781	4.355	ng/ul	96
69) Hexachlorobenzene	16.410	284	85424	4.487	ng/ul	95
70) Atrazine	16.592	200	81717	4.969	ng/ul	99
71) Pentachlorophenol	16.762	266	58210	4.631	ng/ul	99
72) Phenanthrene	17.157	178	405055	4.273	ng/ul	99
74) Anthracene	17.251	178	389882	4.067	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.145	216	99270	4.448	ng/uL	98
76) Pentachlorobenzene	14.674	250	107043	4.961	ng/uL	98
77) Carbazole	17.527	167	366341	4.067	ng/ul	100
78) Di-n-butylphthalate	18.098	149	428719	3.538	ng/ul	99
80) Fluoranthene	19.180	202	459469	4.173	ng/ul	96
82) Pyrene	19.545	202	487393	4.251	ng/ul	97
83) Butylbenzylphthalate	20.462	149	173790	3.083	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	145556	4.463	ng/ul	97
85) Benzo(a)anthracene	21.292	228	456702	4.034	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	268413	3.266	ng/ul	98
87) Chrysene	21.344	228	434840	4.149	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	455718	3.371	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	432889	4.283	ng/ul	99
91) Benzo(k)fluoranthene	22.933	252	417492	4.217	ng/ul	99
93) Benzo(a)pyrene	23.468	252	395319	4.181	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.838	276	420719	3.967	ng/ul	95
95) Dibenzo(a,h)anthracene	25.856	278	352983	3.992	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	333418	3.940	ng/ul	97

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



#2
1,4-Dioxane
Concen: 1.123 ng/uL
RT: 3.310 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

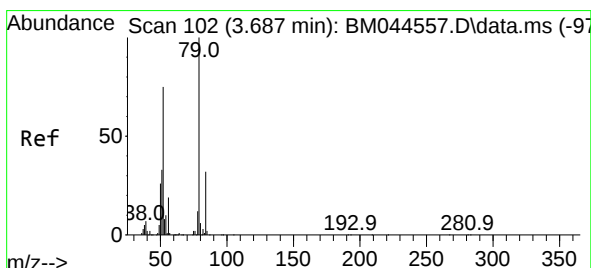
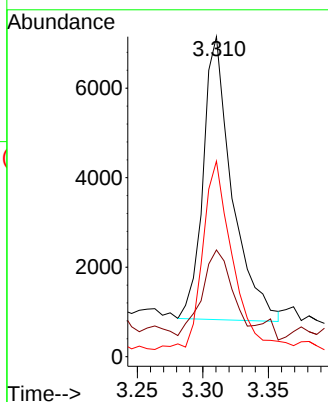
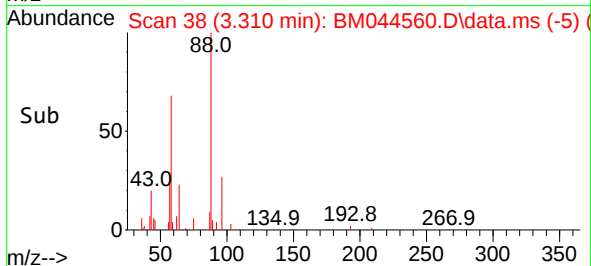
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



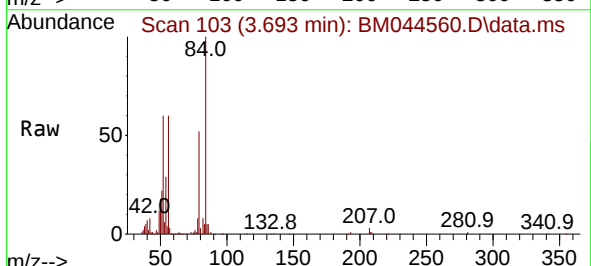
Tgt Ion: 88 Resp: 969
Ion Ratio Lower Upper
88 100
43 33.3 23.8 35.6
58 61.1 61.6 92.4

Manual Integrations
APPROVED

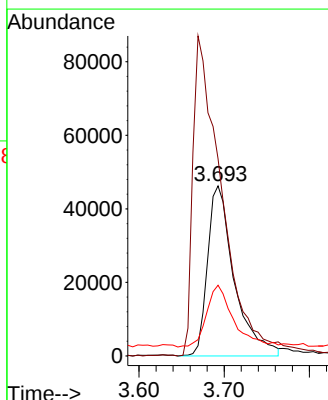
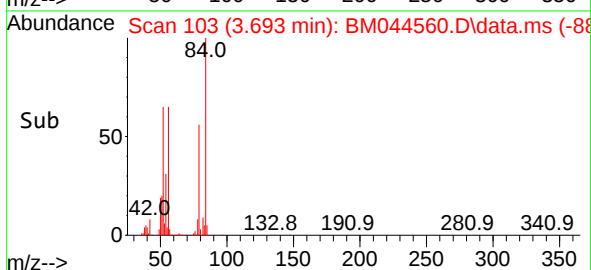
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

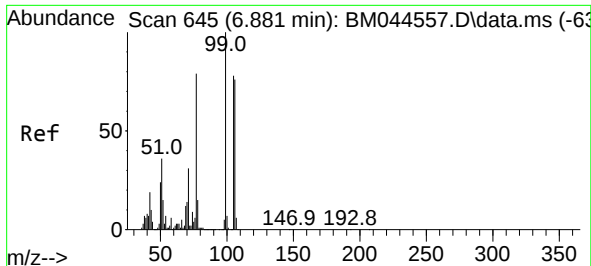


#5
Pyridine
Concen: 3.954 ng/uL
RT: 3.693 min Scan# 103
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



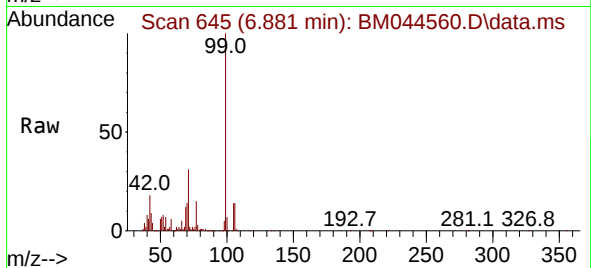
Tgt Ion: 79 Resp: 100667
Ion Ratio Lower Upper
79 100
52 116.1 57.4 86.0#
51 41.6 26.6 39.8#





#6
Benzaldehyde
Concen: 5.965 ng/ul
RT: 6.881 min Scan# 645
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

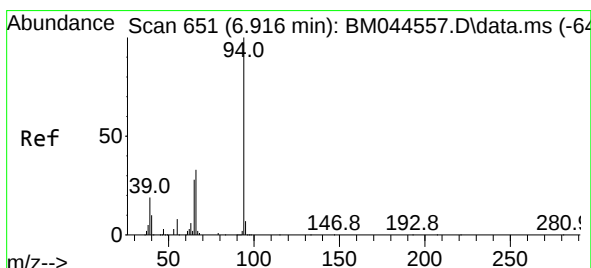
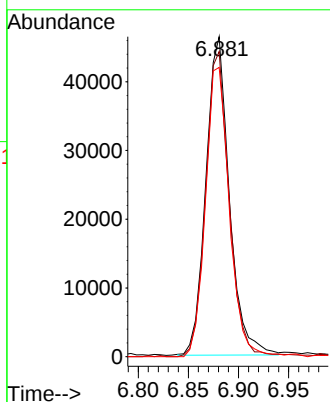
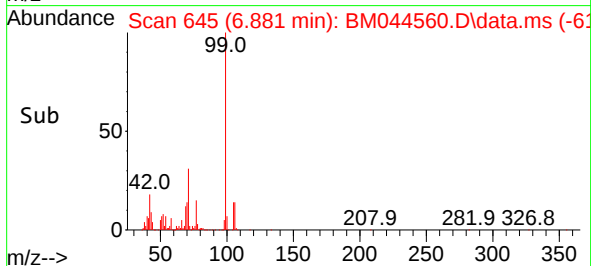
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-02



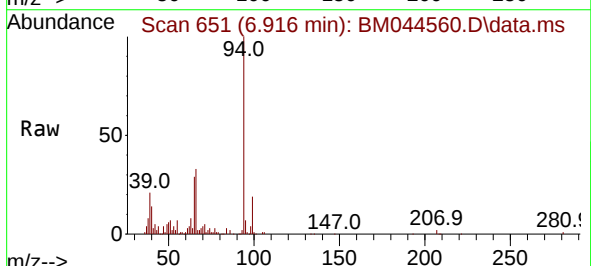
Tgt Ion: 77 Resp: 7556
Ion Ratio Lower Upper
77 100
105 95.4 81.4 122.0
106 90.4 80.2 120.4

Manual Integrations
APPROVED

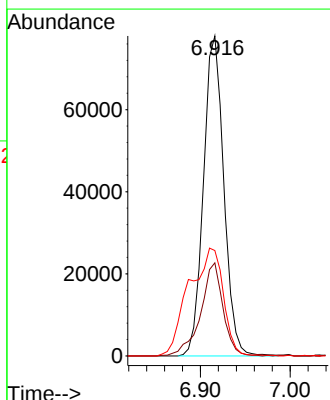
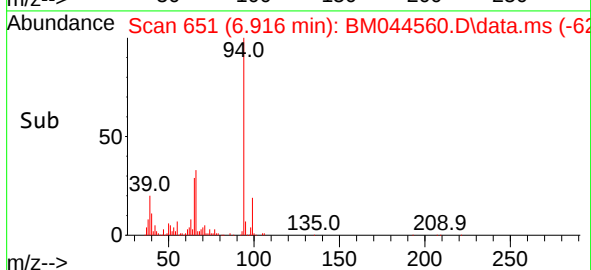
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

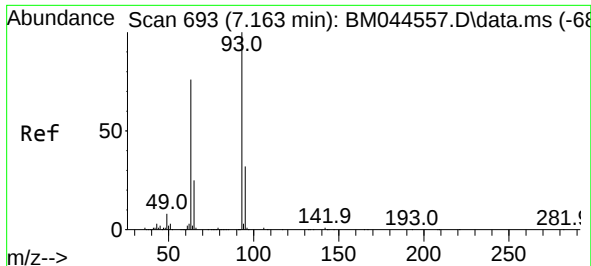


#8
Phenol
Concen: 4.141 ng/ul
RT: 6.916 min Scan# 651
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



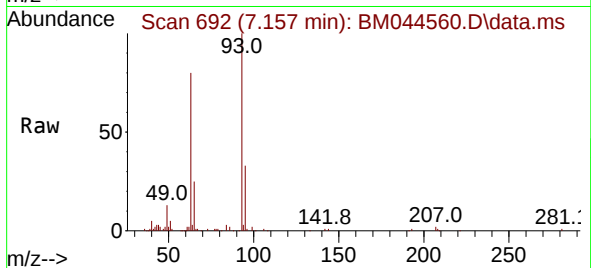
Tgt Ion: 94 Resp: 122924
Ion Ratio Lower Upper
94 100
65 29.1 21.3 31.9
66 33.0 25.4 38.2





#10
Bis(2-Chloroethyl)ether
Concen: 4.219 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

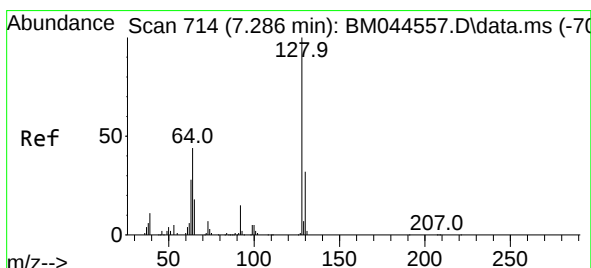
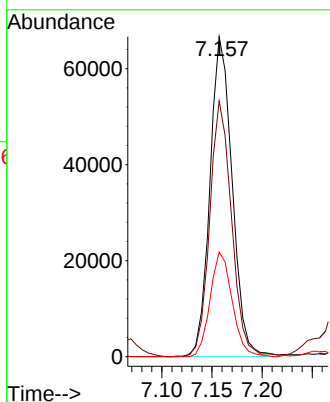
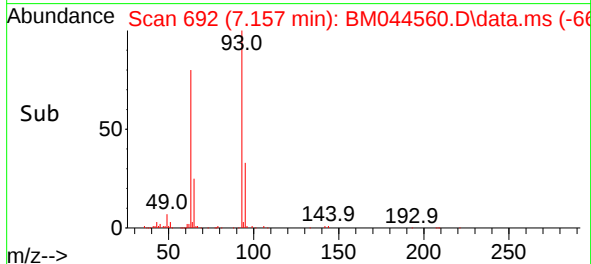
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion: 93 Resp: 10283
Ion Ratio Lower Upper
93 100
63 79.9 60.2 90.4
95 32.7 26.8 40.2

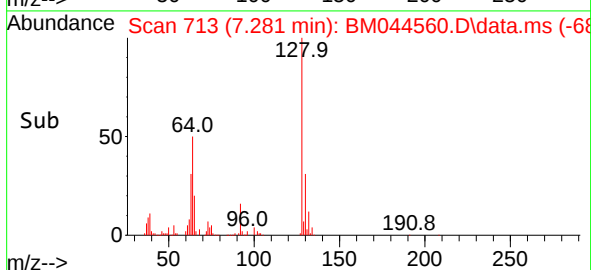
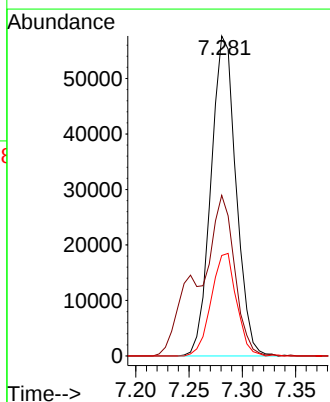
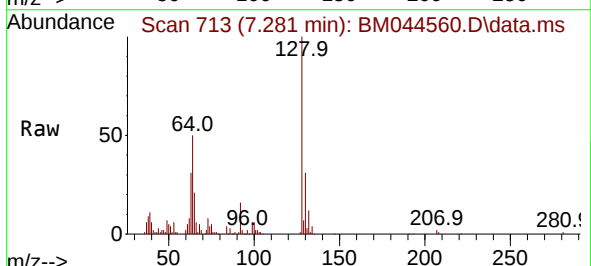
Manual Integrations
APPROVED

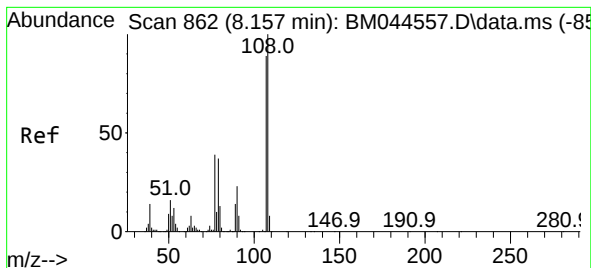
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#12
2-Chlorophenol
Concen: 4.273 ng/ul
RT: 7.281 min Scan# 713
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

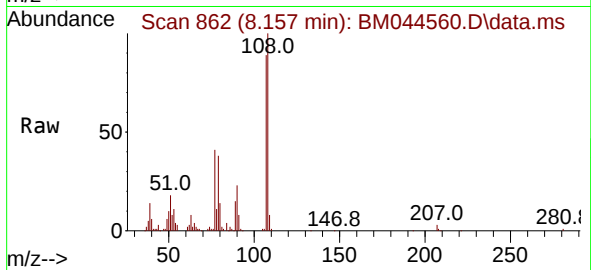
Tgt Ion:128 Resp: 94194
Ion Ratio Lower Upper
128 100
64 50.2 37.4 56.2
130 31.4 25.4 38.0





#13
2-Methylphenol
Concen: 3.790 ng/ul
RT: 8.157 min Scan# 862
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

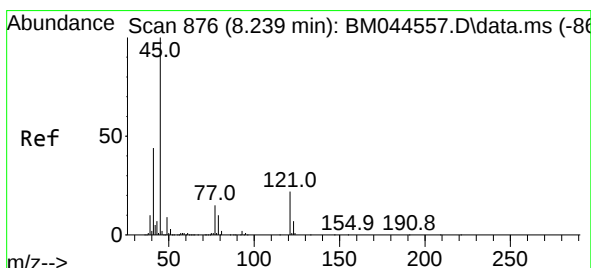
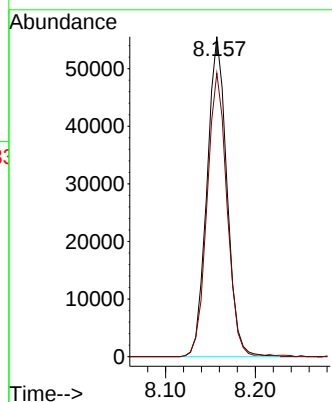
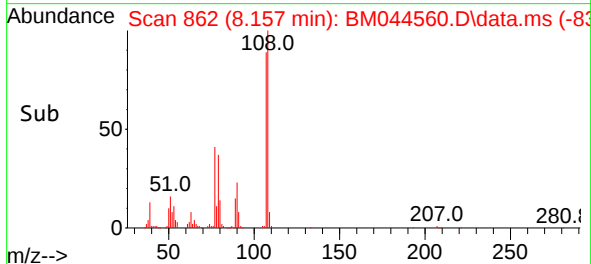
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:108 Resp: 85360
Ion Ratio Lower Upper
108 100
107 88.7 71.7 107.5

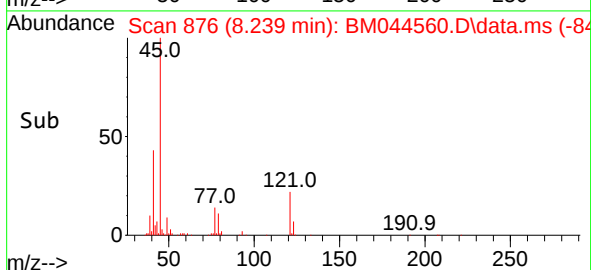
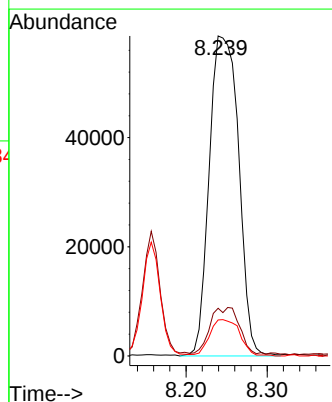
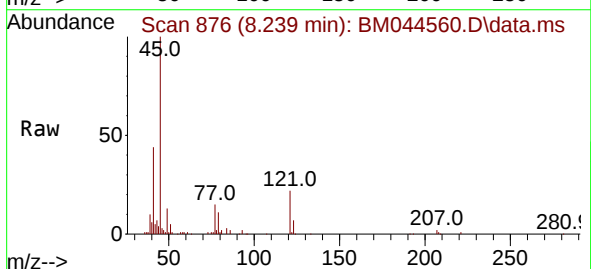
Manual Integrations
APPROVED

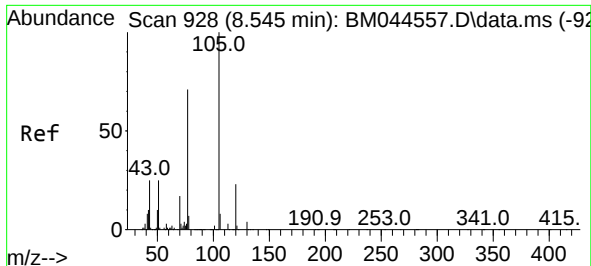
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.581 ng/ul
RT: 8.239 min Scan# 876
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

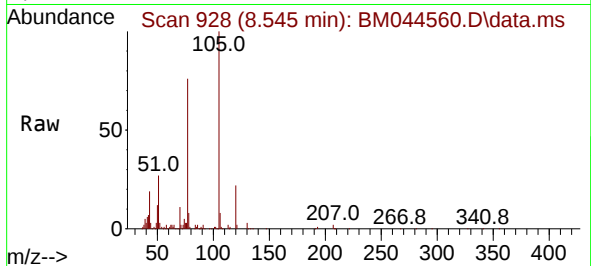
Tgt Ion: 45 Resp: 147446
Ion Ratio Lower Upper
45 100
77 14.9 12.4 18.6
79 11.2 9.0 13.6





#16
Acetophenone
Concen: 4.323 ng/ul
RT: 8.545 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

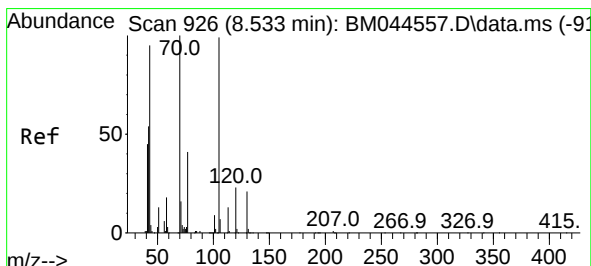
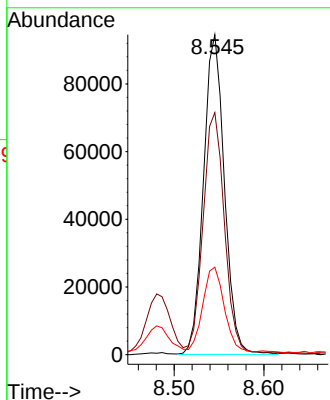
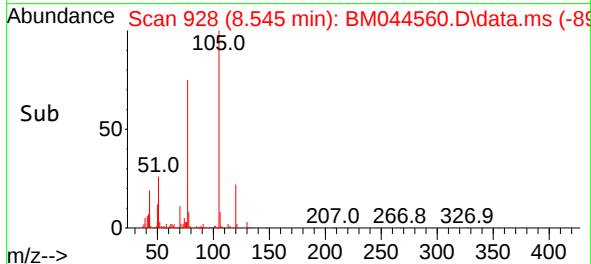
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:105 Resp: 153149
Ion Ratio Lower Upper
105 100
77 75.7 59.5 89.3
51 27.3 20.2 30.4

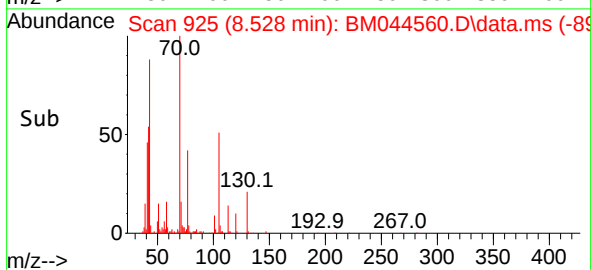
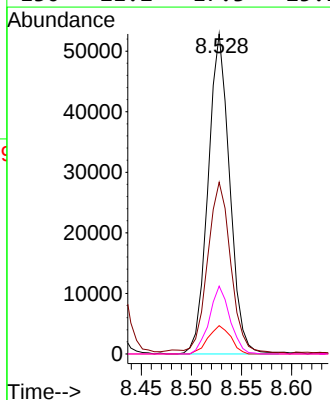
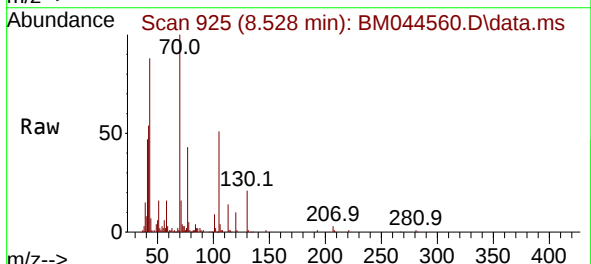
Manual Integrations
APPROVED

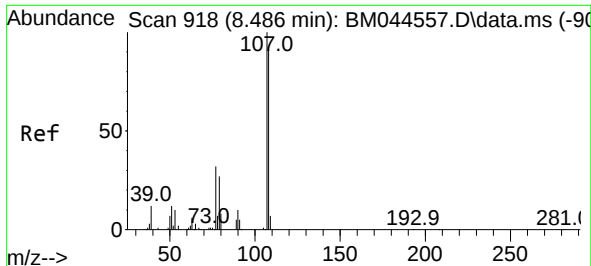
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#17
N-Nitroso-di-n-propylamine
Concen: 4.335 ng/ul
RT: 8.528 min Scan# 925
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

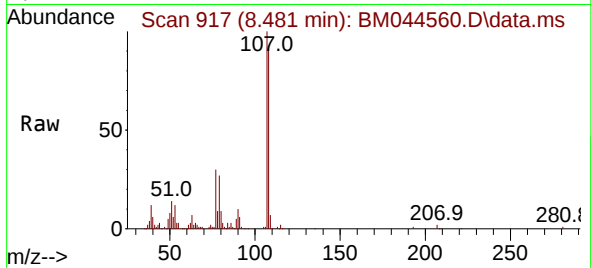
Tgt Ion: 70 Resp: 79340
Ion Ratio Lower Upper
70 100
42 53.7 42.7 64.1
101 8.8 7.1 10.7
130 21.2 17.3 25.9





#18
4-Methylphenol
Concen: 4.005 ng/ul
RT: 8.481 min Scan# 917
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

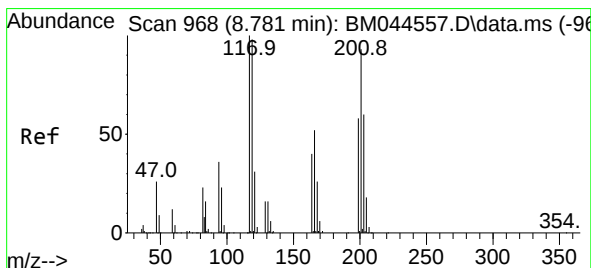
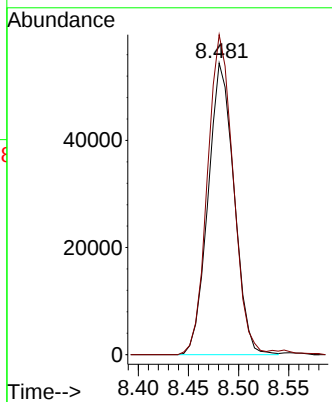
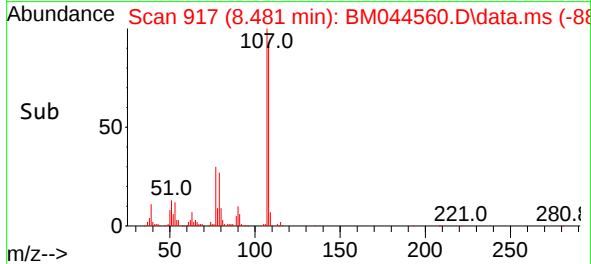
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-02



Tgt Ion:108 Resp: 98200
Ion Ratio Lower Upper
108 100
107 109.7 91.8 137.8

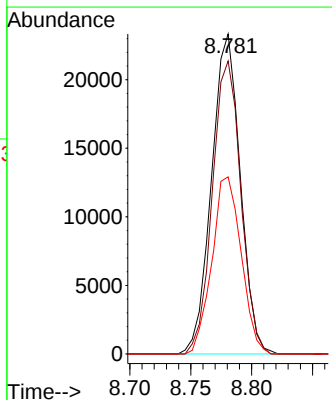
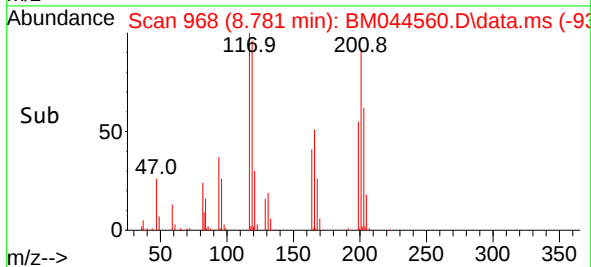
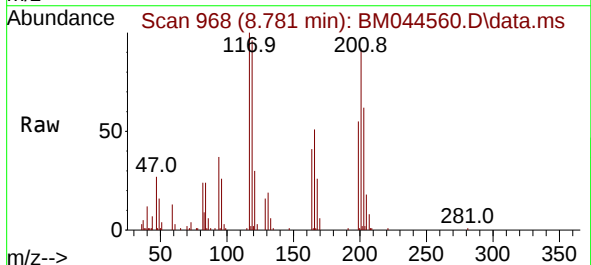
Manual Integrations
APPROVED

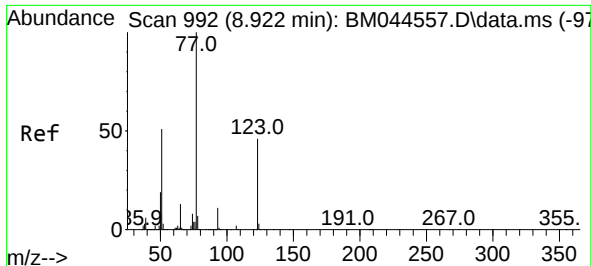
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#19
Hexachloroethane
Concen: 4.238 ng/ul
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

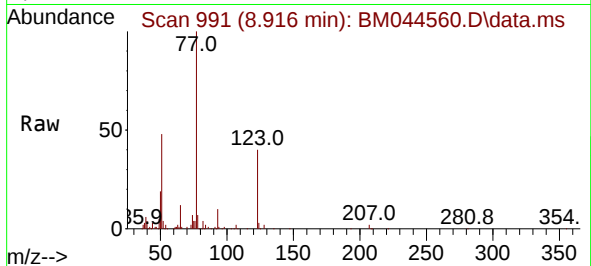
Tgt Ion:117 Resp: 38271
Ion Ratio Lower Upper
117 100
201 93.3 69.0 103.6
199 56.8 44.4 66.6





#22
Nitrobenzene
Concen: 4.518 ng/ul
RT: 8.916 min Scan# 991
Delta R.T. -0.024 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

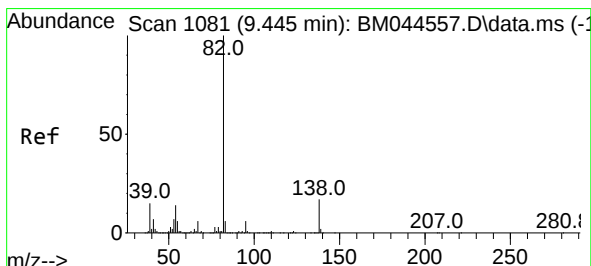
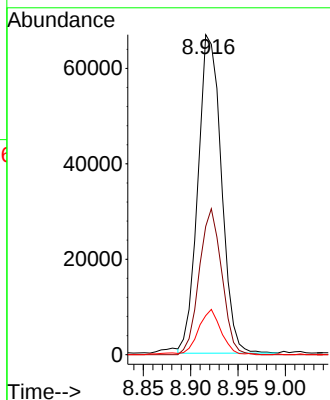
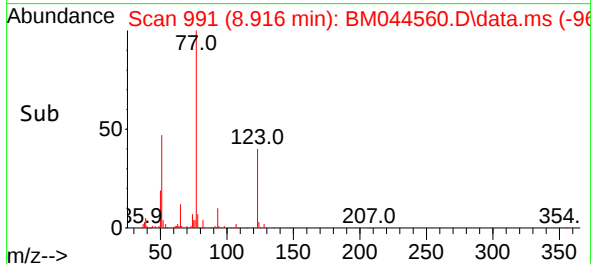
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



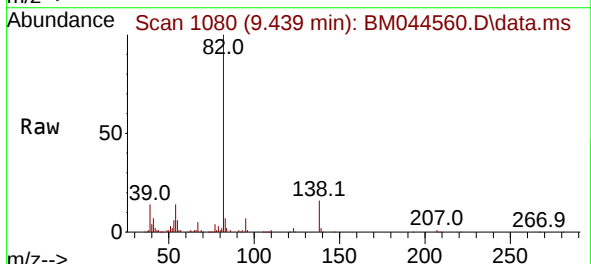
Tgt Ion: 77 Resp: 114820
Ion Ratio Lower Upper
77 100
123 40.1 38.2 57.2
65 12.2 10.2 15.2

Manual Integrations
APPROVED

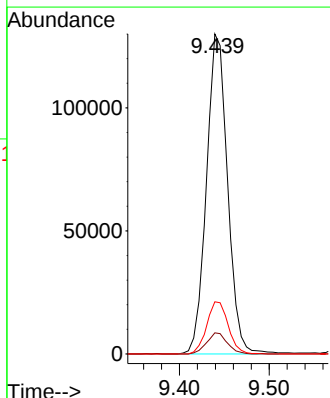
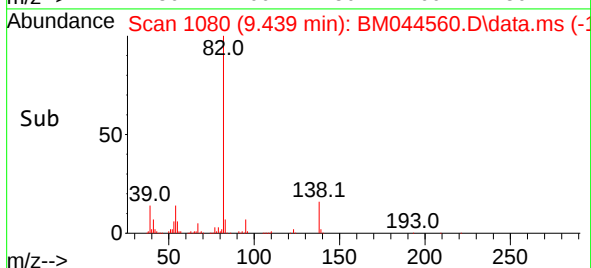
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

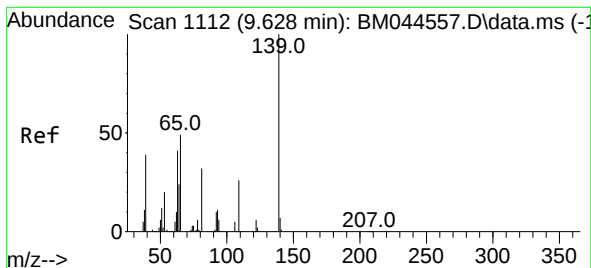


#23
Isophorone
Concen: 4.105 ng/ul
RT: 9.439 min Scan# 1080
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



Tgt Ion: 82 Resp: 212830
Ion Ratio Lower Upper
82 100
95 6.6 4.7 7.1
138 16.3 14.1 21.1





#25

2-Nitrophenol

Concen: 4.220 ng/ul

RT: 9.622 min Scan# 1112

Delta R.T. -0.018 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

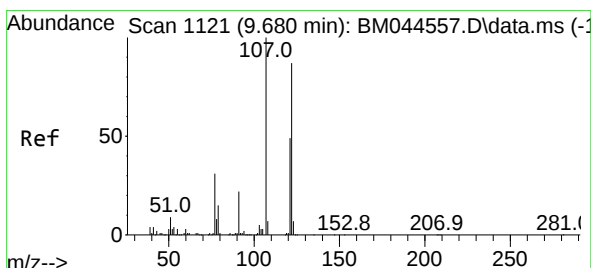
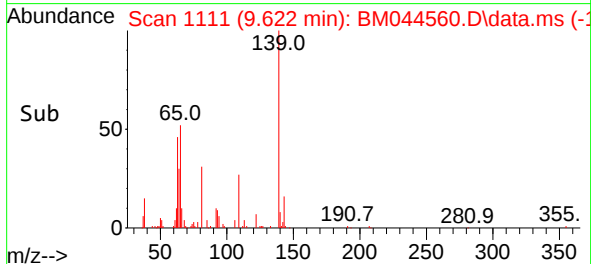
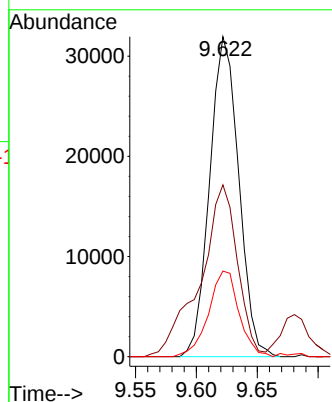
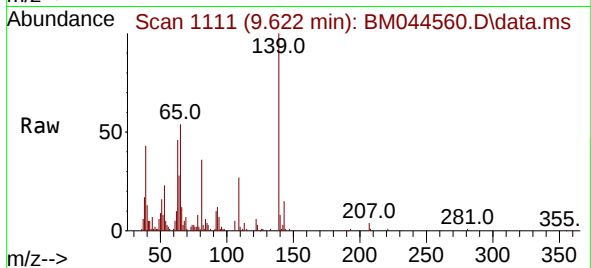
MDL-SOIL-QT1-2024-02

Tgt Ion:	139	Resp:	53149
Ion Ratio	Lower	Upper	
139	100		
65	53.7	40.2	60.2
109	26.7	21.0	31.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#26

2,4-Dimethylphenol

Concen: 3.163 ng/ul

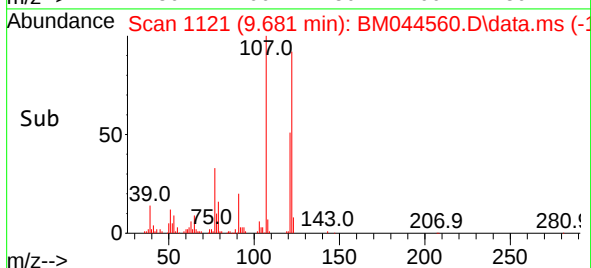
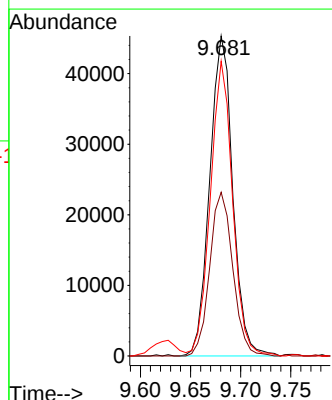
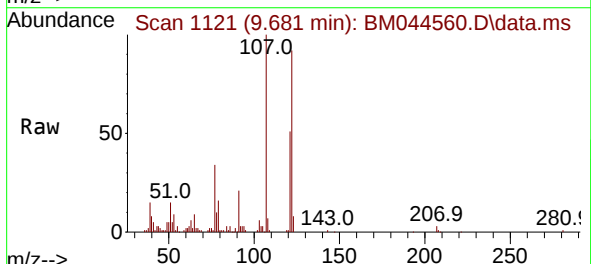
RT: 9.681 min Scan# 1121

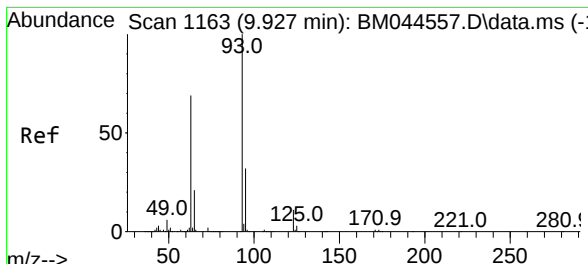
Delta R.T. -0.018 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:	107	Resp:	72480
Ion Ratio	Lower	Upper	
107	100		
121	51.1	41.0	61.6
122	92.1	71.4	107.0





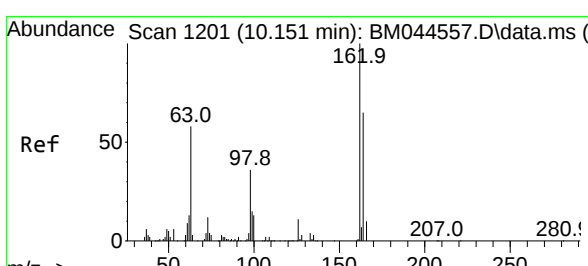
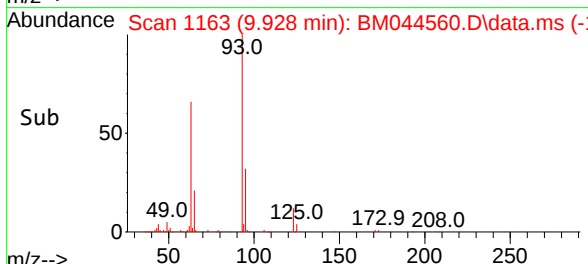
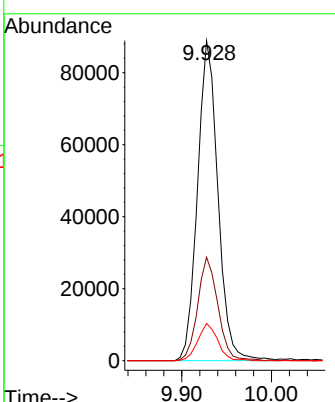
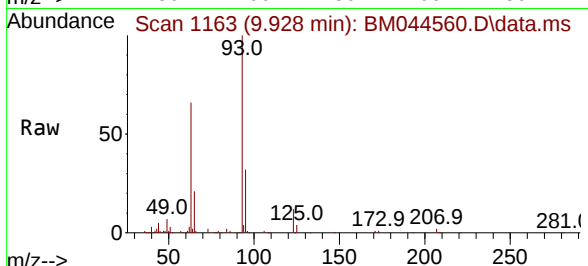
#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.312 ng/ul
 RT: 9.928 min Scan# 1163
 Delta R.T. -0.018 min
 Lab File: BM044560.D
 Acq: 08 Mar 2024 10:55

Instrument : BNA_M
 ClientSampleId : MDL-SOIL-QT1-2024-02

Tgt Ion: 93 Resp: 14060

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.3	37.9
123	11.7	9.3	13.9

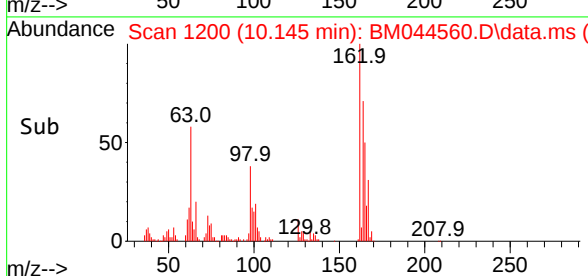
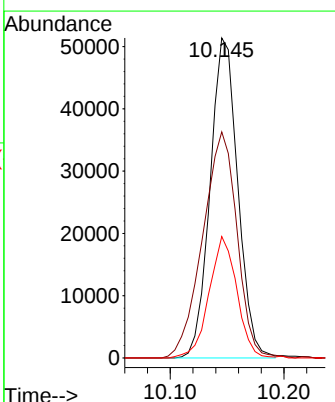
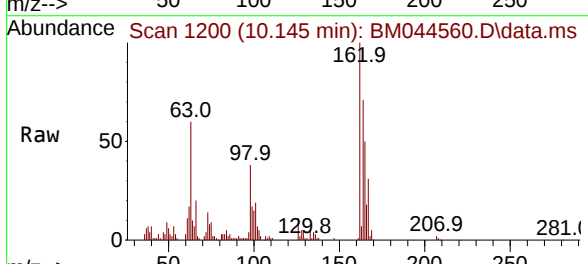
Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

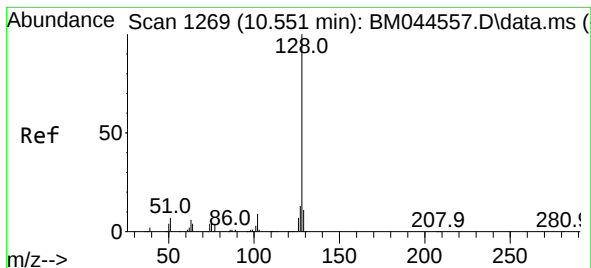


#29
 2,4-Dichlorophenol
 Concen: 4.435 ng/ul
 RT: 10.145 min Scan# 1200
 Delta R.T. -0.018 min
 Lab File: BM044560.D
 Acq: 08 Mar 2024 10:55

Tgt Ion:162 Resp: 87053

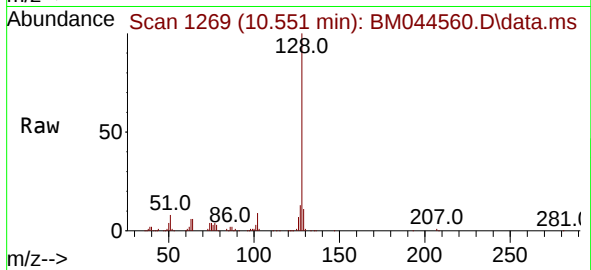
Ion	Ratio	Lower	Upper
162	100		
164	70.7	52.7	79.1
98	38.0	30.1	45.1





#30
Naphthalene
Concen: 4.469 ng/ul
RT: 10.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

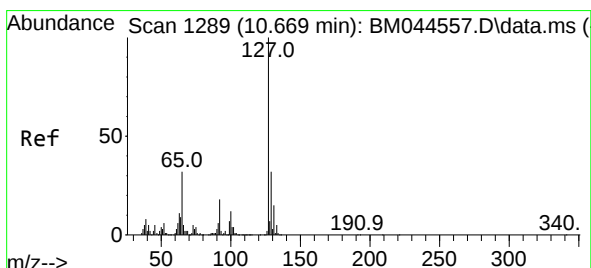
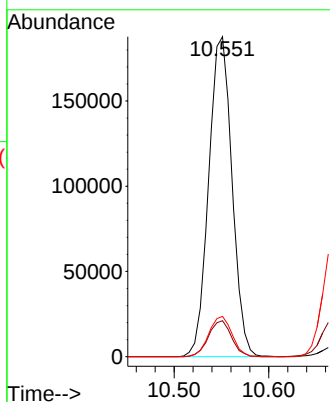
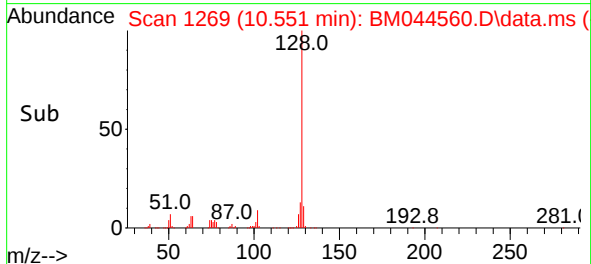
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:128 Resp: 322085
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 12.6 10.5 15.7

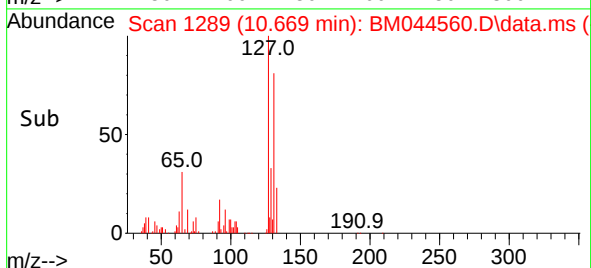
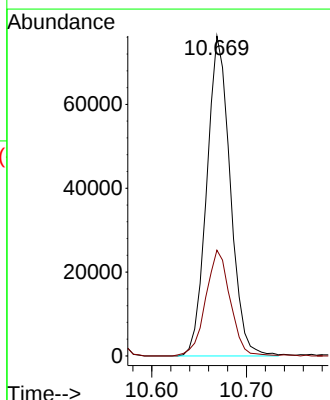
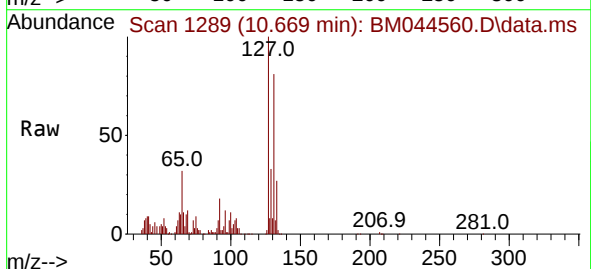
Manual Integrations
APPROVED

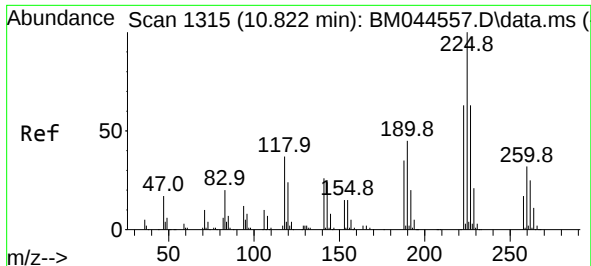
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#32
4-Chloroaniline
Concen: 4.169 ng/ul
RT: 10.669 min Scan# 1289
Delta R.T. -0.018 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

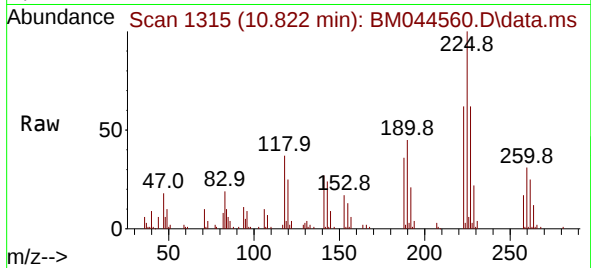
Tgt Ion:127 Resp: 131247
Ion Ratio Lower Upper
127 100
129 33.0 25.1 37.7





#33
Hexachlorobutadiene
Concen: 4.684 ng/ul
RT: 10.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

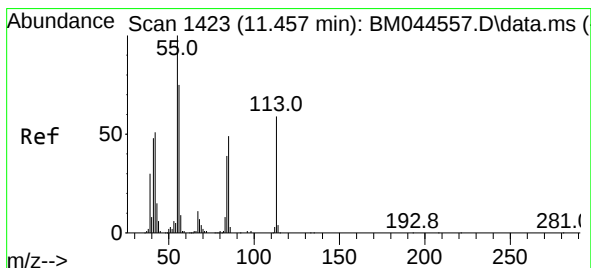
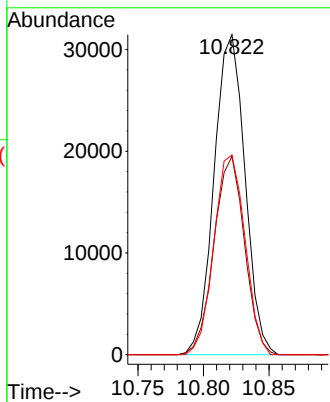
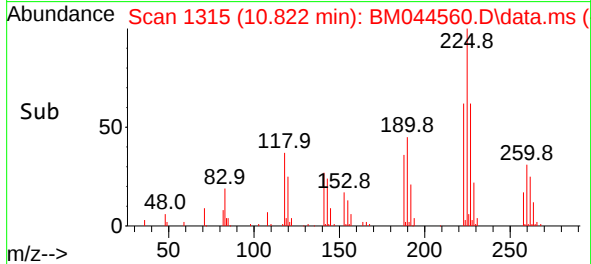
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-02



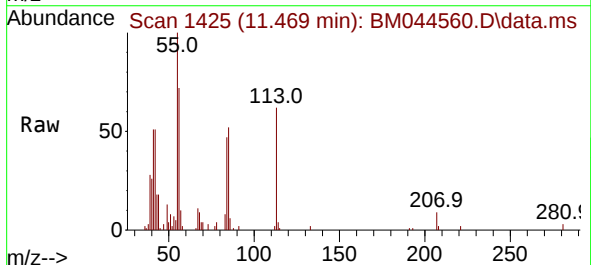
Tgt Ion:225 Resp: 5153
Ion Ratio Lower Upper
225 100
223 64.9 50.1 75.1
227 65.3 49.2 73.8

Manual Integrations
APPROVED

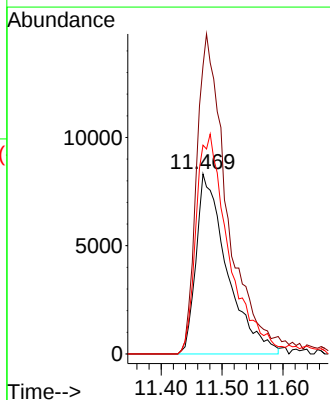
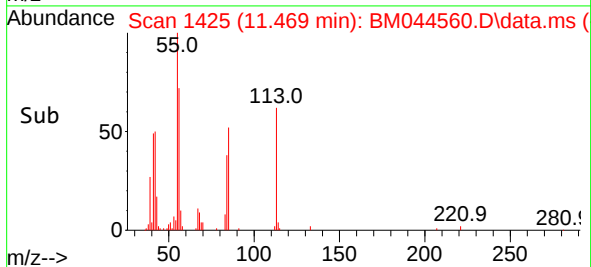
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

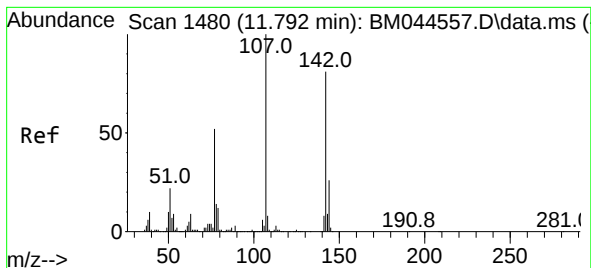


#34
Caprolactam
Concen: 3.835 ng/ul
RT: 11.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



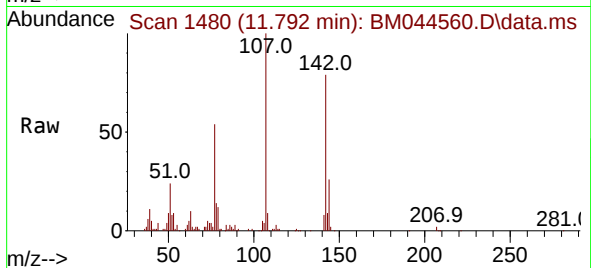
Tgt Ion:113 Resp: 29316
Ion Ratio Lower Upper
113 100
55 160.0 134.7 202.1
56 116.0 102.2 153.2





#35
4-Chloro-3-methylphenol
Concen: 3.949 ng/ul
RT: 11.792 min Scan# 1480
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

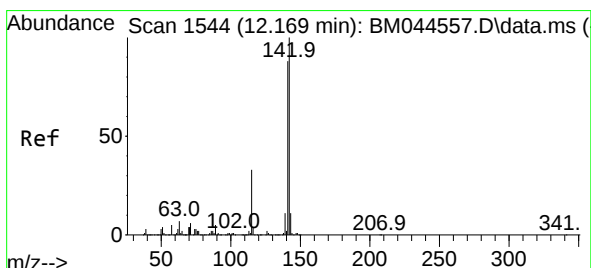
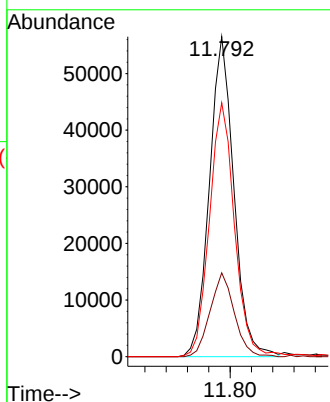
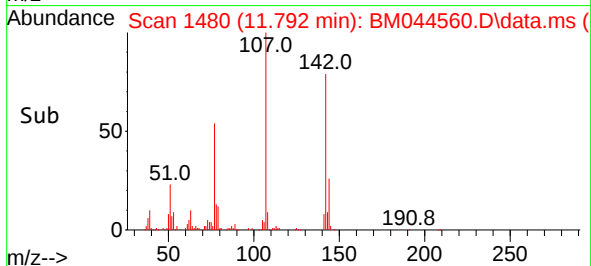
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-02



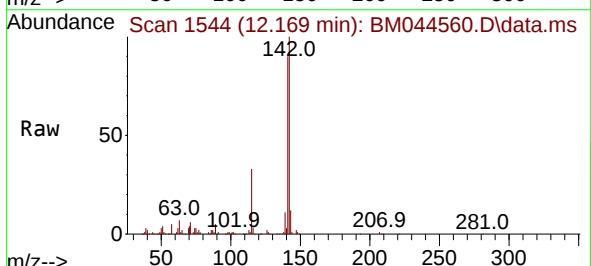
Tgt Ion:107 Resp: 8988
Ion Ratio Lower Upper
107 100
144 26.2 21.7 32.5
142 79.4 65.1 97.7

Manual Integrations
APPROVED

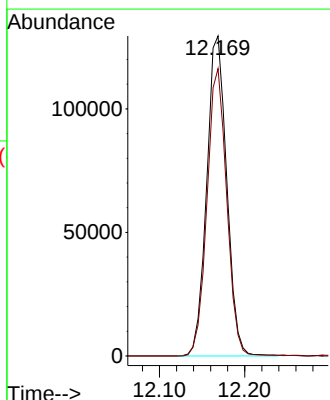
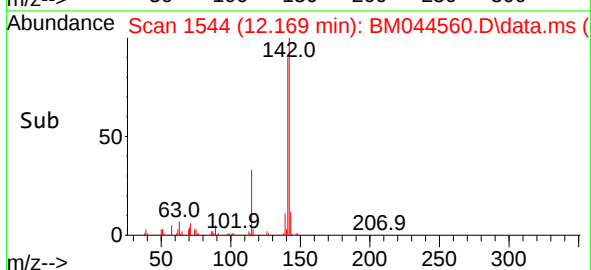
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

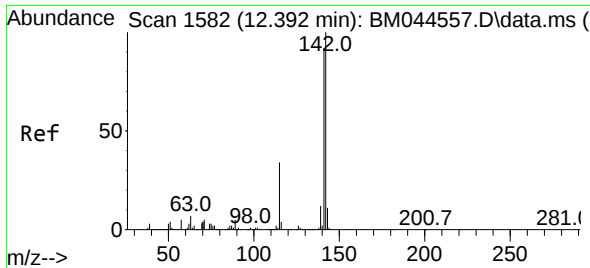


#36
2-Methylnaphthalene
Concen: 4.408 ng/ul
RT: 12.169 min Scan# 1544
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



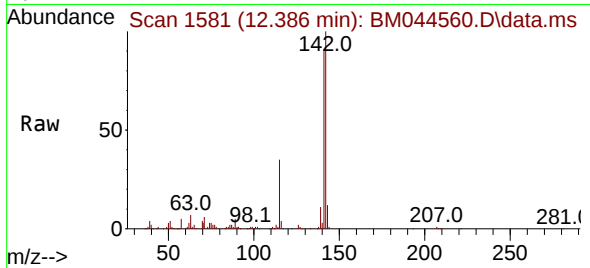
Tgt Ion:142 Resp: 211275
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7





#37
1-Methylnaphthalene
Concen: 4.620 ng/ul
RT: 12.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

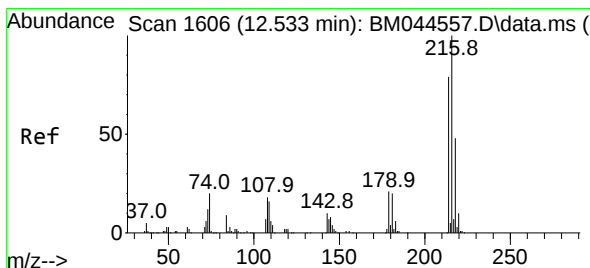
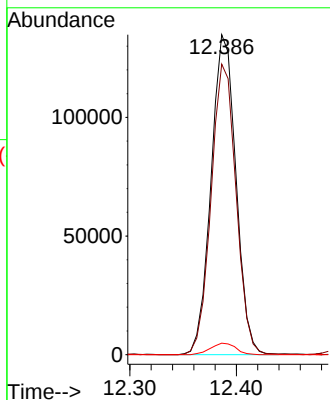
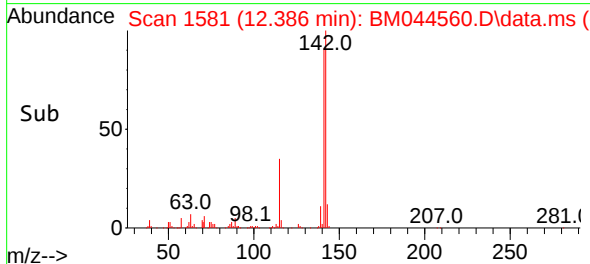
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:142 Resp: 218470
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.6
116 3.6 3.0 4.4

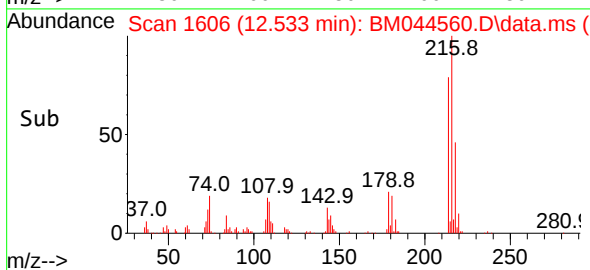
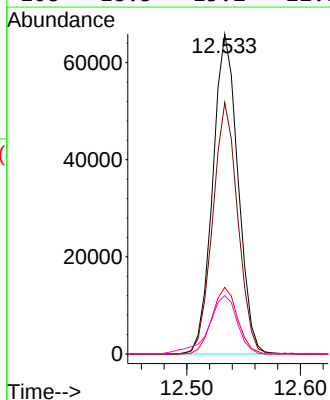
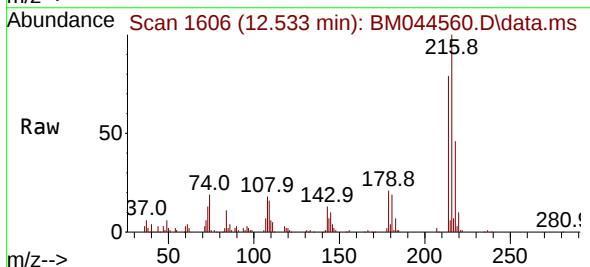
Manual Integrations
APPROVED

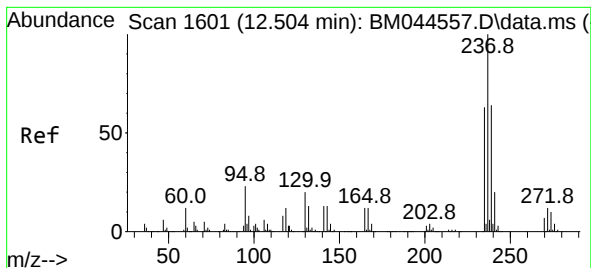
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.527 ng/ul
RT: 12.533 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

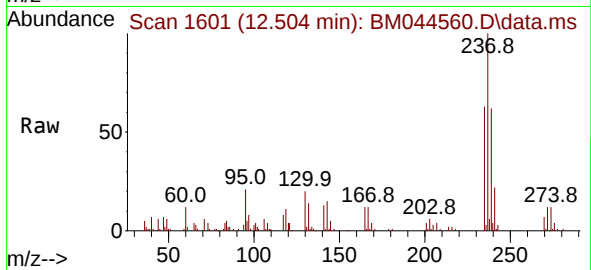
Tgt Ion:216 Resp: 101728
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.2
179 20.8 17.5 26.3
108 18.3 15.2 22.8





#40
Hexachlorocyclopentadiene
Concen: 3.622 ng/ul
RT: 12.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

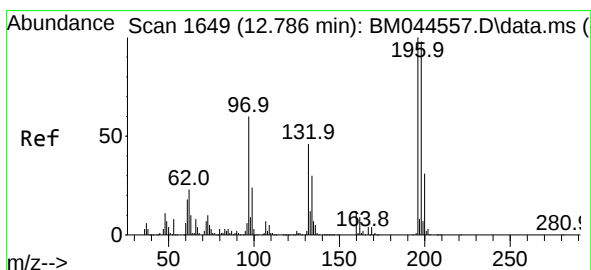
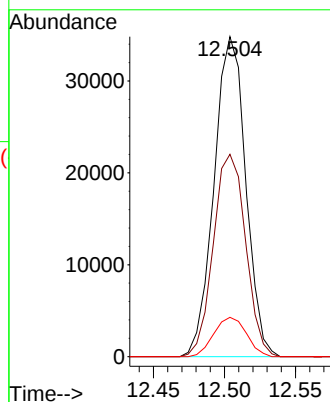
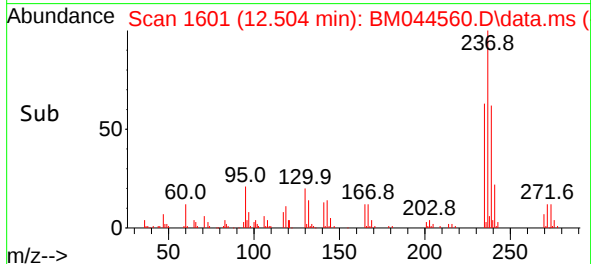
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



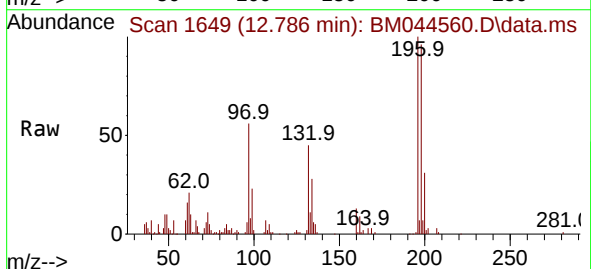
Tgt Ion:237 Resp: 54032
Ion Ratio Lower Upper
237 100
235 59.9 50.1 75.1
272 11.6 10.2 15.2

Manual Integrations
APPROVED

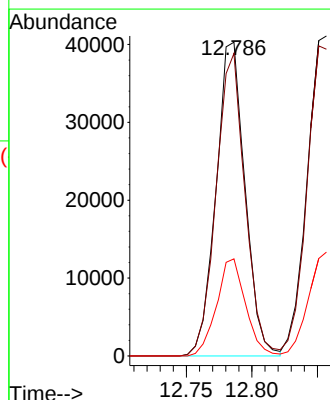
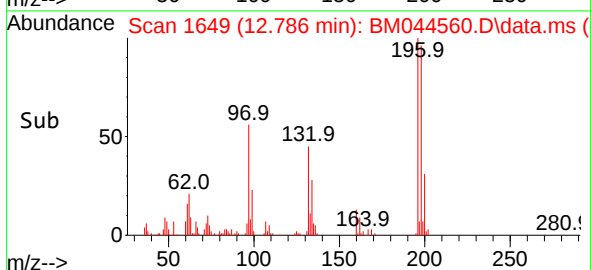
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

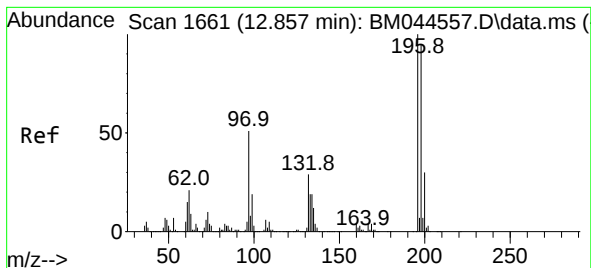


#41
2,4,6-Trichlorophenol
Concen: 3.930 ng/ul
RT: 12.786 min Scan# 1649
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



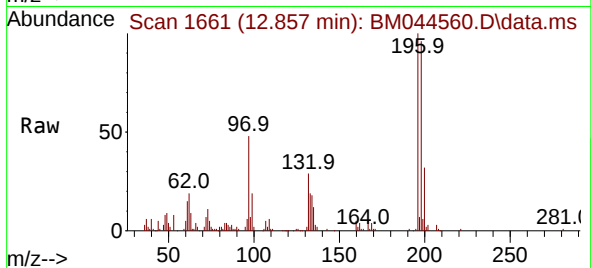
Tgt Ion:196 Resp: 61902
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
200 30.9 24.1 36.1





#42
2,4,5-Trichlorophenol
Concen: 4.009 ng/ul
RT: 12.857 min Scan# 1661
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

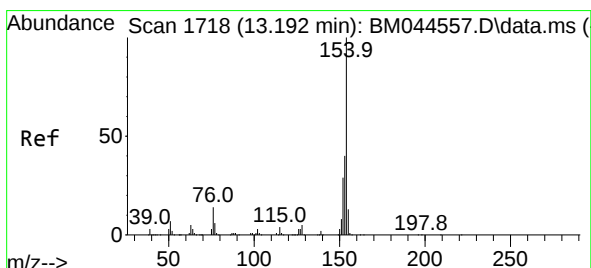
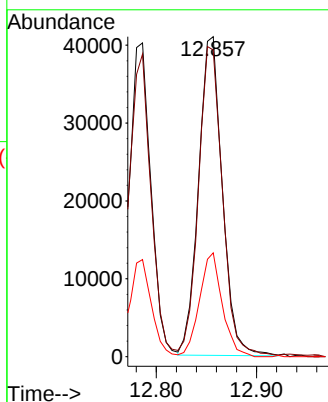
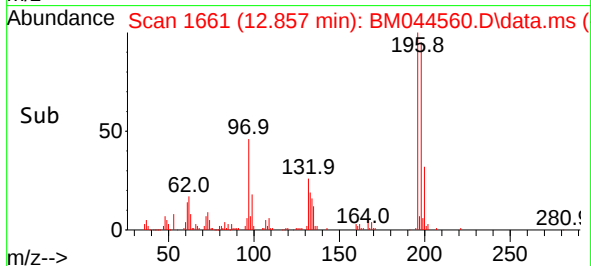
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:196 Resp: 67674
Ion Ratio Lower Upper
196 100
198 95.9 78.1 117.1
200 32.5 24.7 37.1

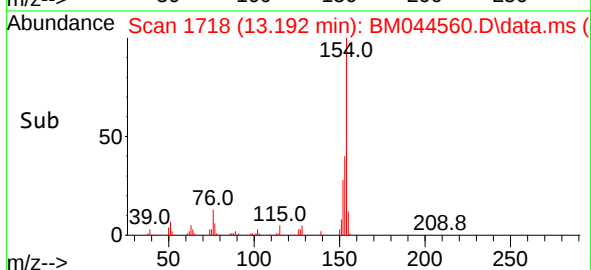
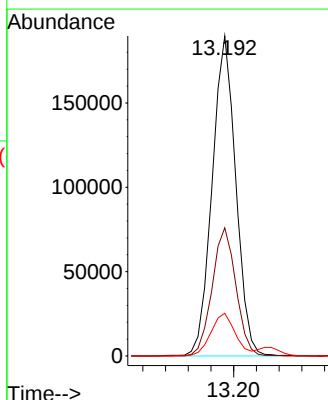
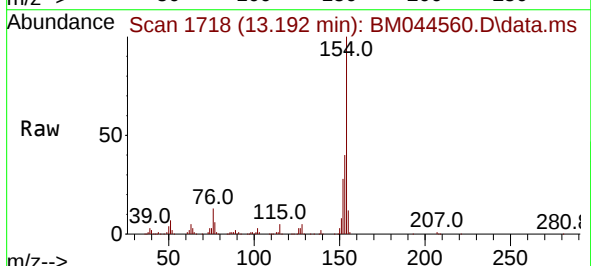
Manual Integrations
APPROVED

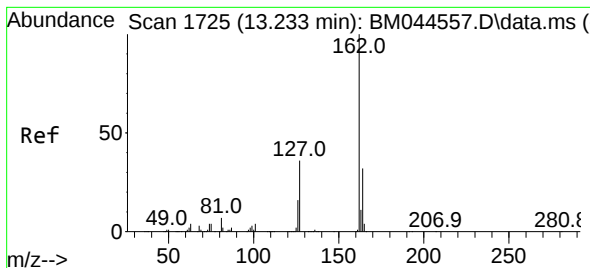
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#43
1,1'-Biphenyl
Concen: 4.368 ng/ul
RT: 13.192 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Tgt Ion:154 Resp: 273957
Ion Ratio Lower Upper
154 100
153 40.0 31.8 47.8
76 13.3 11.0 16.4





#44

2-Chloronaphthalene

Concen: 4.369 ng/ul

RT: 13.233 min Scan# 1725

Delta R.T. -0.006 min

Lab File: BM044560.D

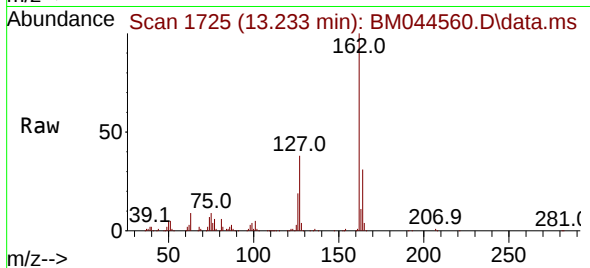
Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-02



Tgt Ion:162 Resp: 21503

Ion Ratio Lower Upper

162 100

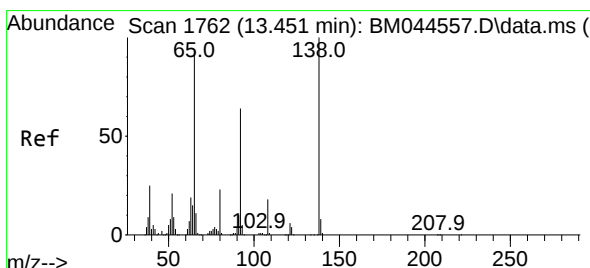
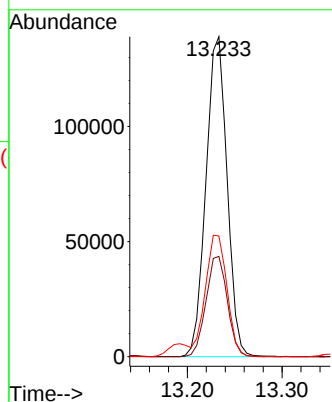
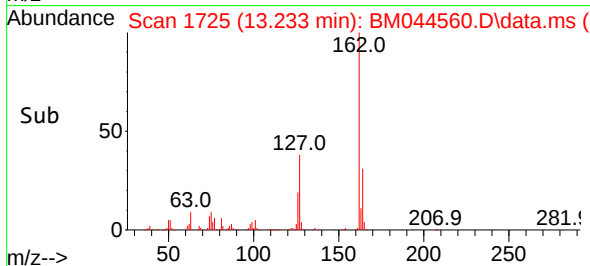
164 31.3 25.6 38.4

127 37.7 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#45

2-Nitroaniline

Concen: 3.741 ng/ul

RT: 13.451 min Scan# 1762

Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

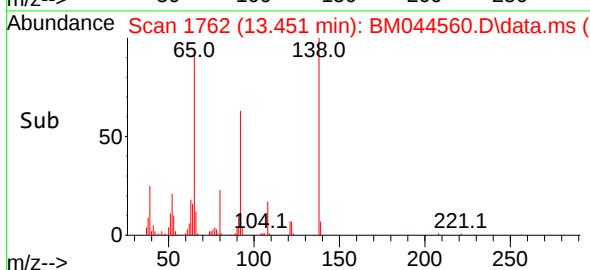
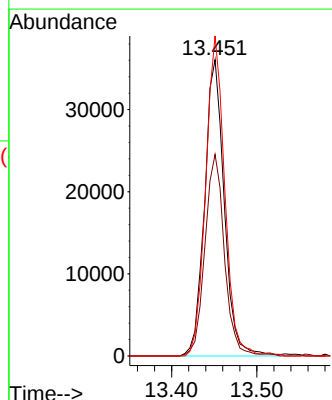
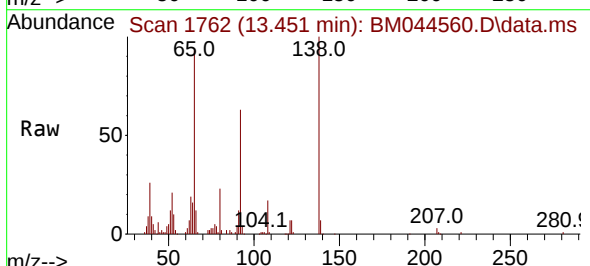
Tgt Ion: 65 Resp: 57802

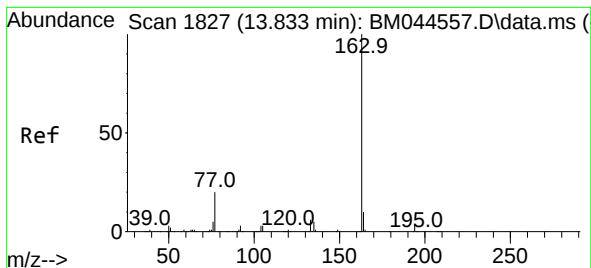
Ion Ratio Lower Upper

65 100

92 68.0 55.4 83.0

138 108.0 84.0 126.0





#47

Dimethylphthalate

Concen: 4.200 ng/ul

RT: 13.827 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

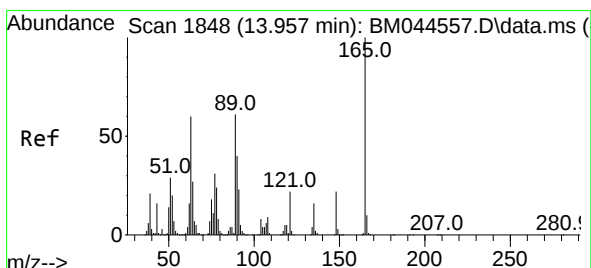
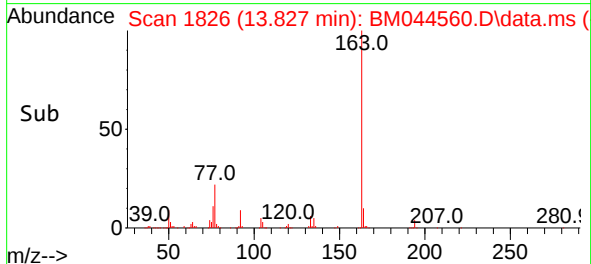
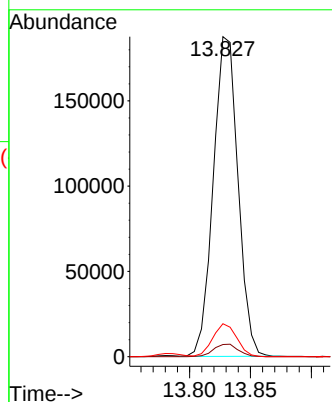
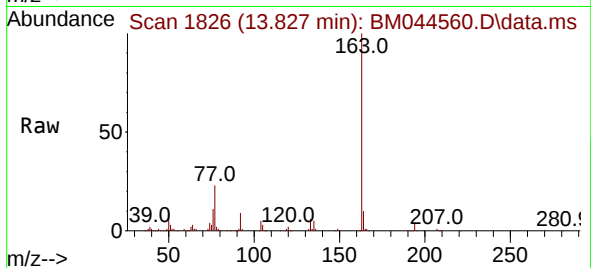
MDL-SOIL-QT1-2024-02

Tgt Ion:163 Resp: 26481
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.6
 164 10.3 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024



#48

2,6-Dinitrotoluene

Concen: 3.612 ng/ul

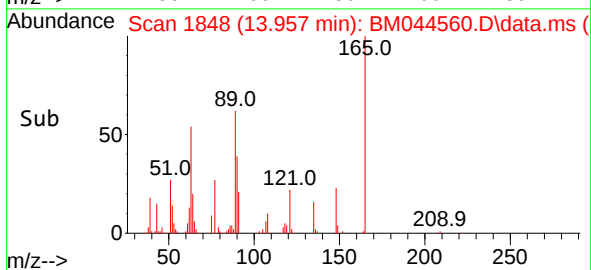
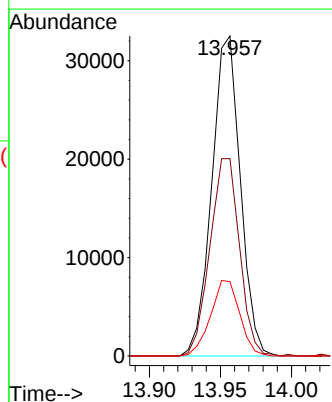
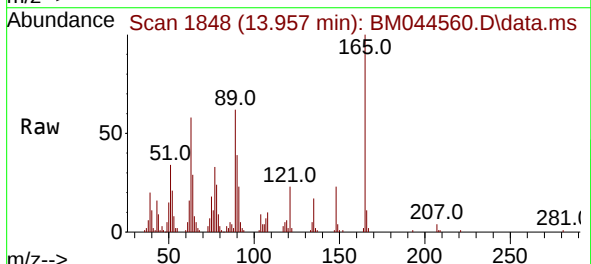
RT: 13.957 min Scan# 1848

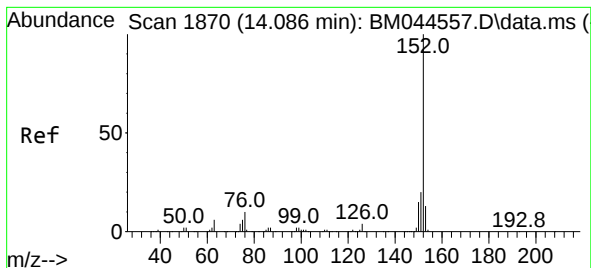
Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:165 Resp: 45492
 Ion Ratio Lower Upper
 165 100
 89 61.7 48.4 72.6
 121 23.2 17.7 26.5





#50

Acenaphthylene

Concen: 4.344 ng/ul

RT: 14.080 min Scan# 1870

Delta R.T. -0.012 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

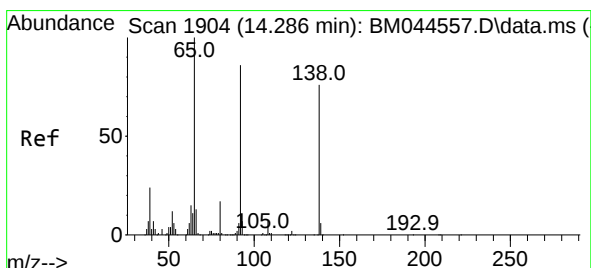
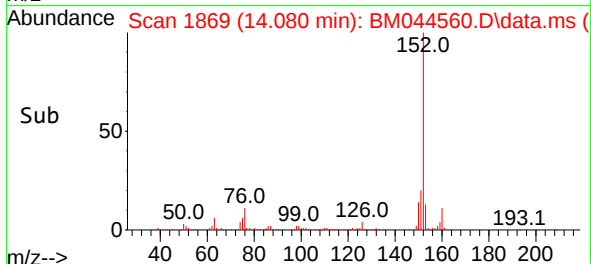
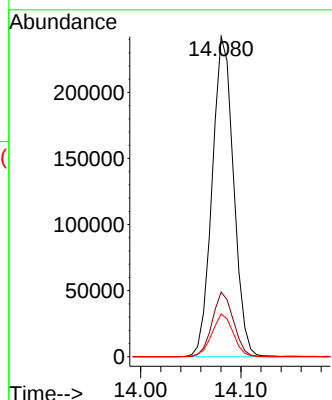
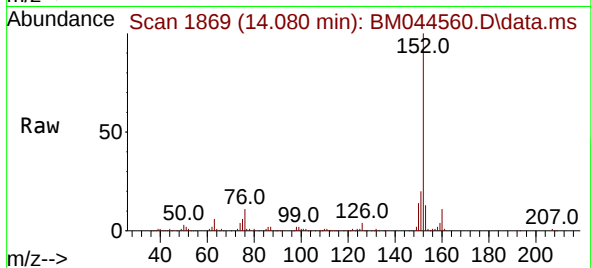
MDL-SOIL-QT1-2024-02

Tgt Ion:152 Resp: 35878
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.2
 153 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024



#51

3-Nitroaniline

Concen: 3.719 ng/ul

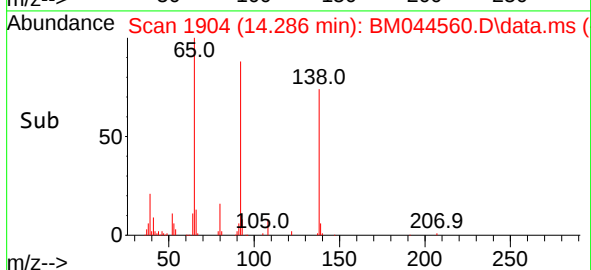
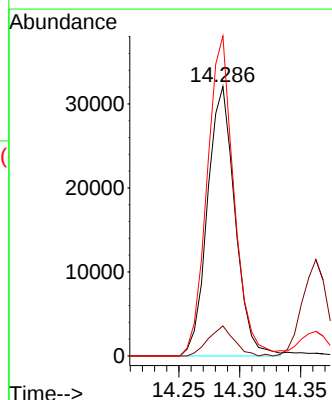
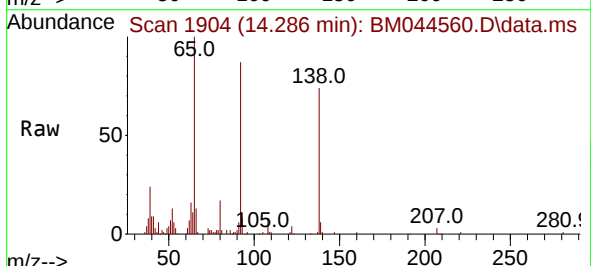
RT: 14.286 min Scan# 1904

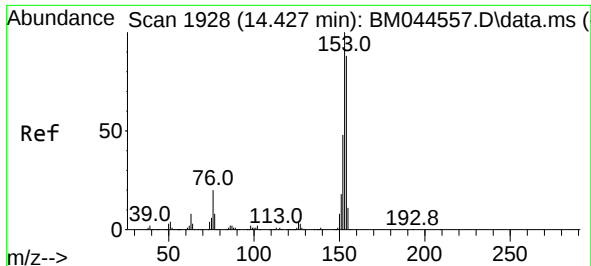
Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

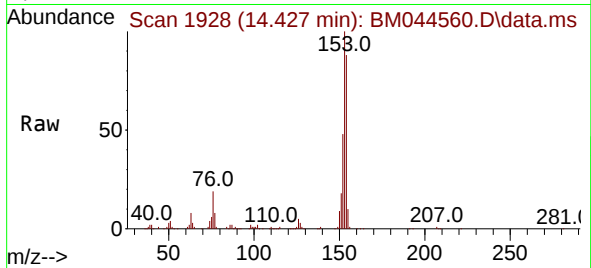
Tgt Ion:138 Resp: 50589
 Ion Ratio Lower Upper
 138 100
 108 11.2 7.3 10.9#
 92 118.8 89.3 133.9





#52
Acenaphthene
Concen: 4.351 ng/ul
RT: 14.427 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

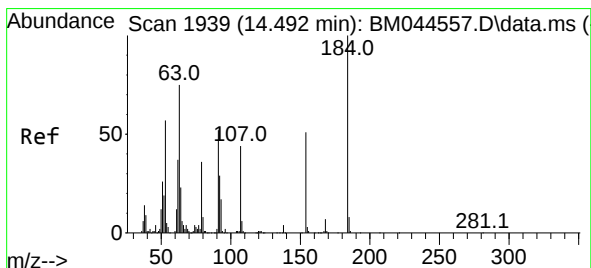
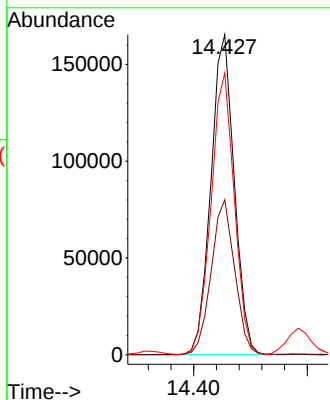
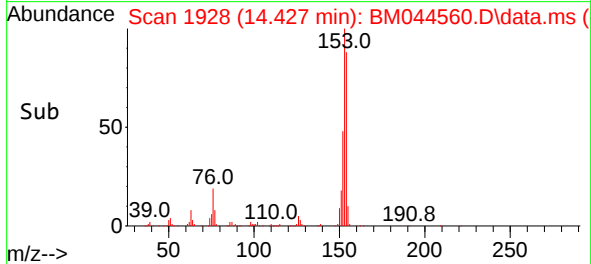
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:153 Resp: 236204
Ion Ratio Lower Upper
153 100
152 48.4 38.2 57.2
154 88.0 70.3 105.5

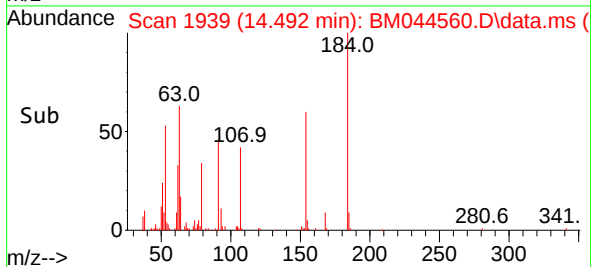
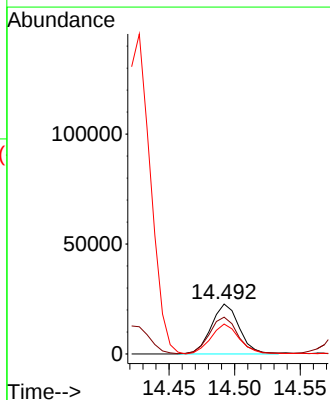
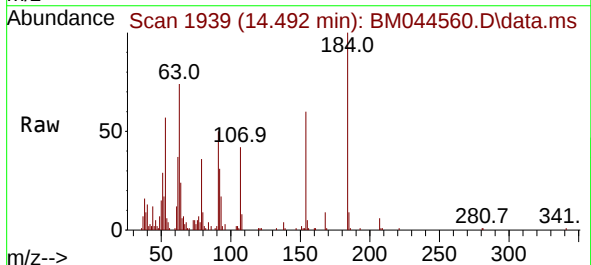
Manual Integrations
APPROVED

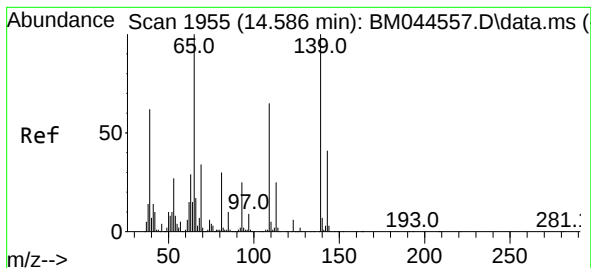
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#53
2,4-Dinitrophenol
Concen: 4.175 ng/ul
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

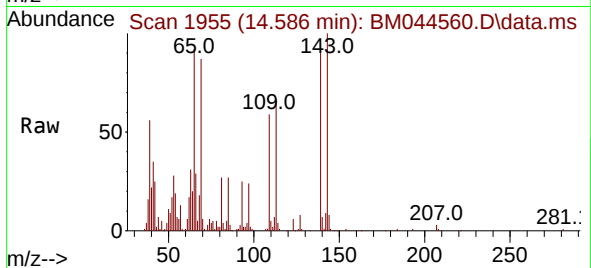
Tgt Ion:184 Resp: 33629
Ion Ratio Lower Upper
184 100
63 73.6 57.2 85.8
154 59.9 47.9 71.9





#55
4-Nitrophenol
Concen: 4.509 ng/ul
RT: 14.586 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

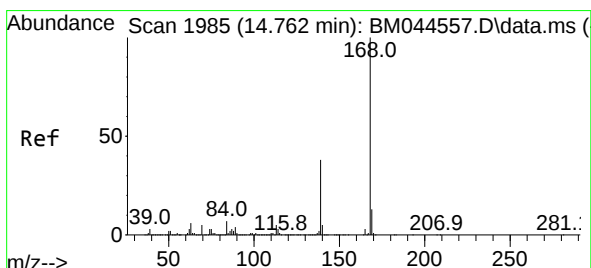
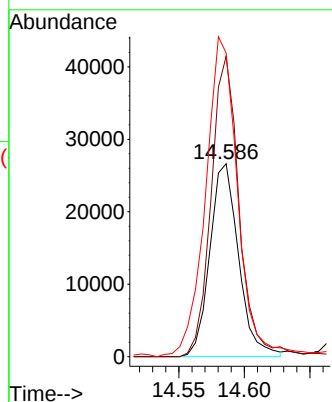
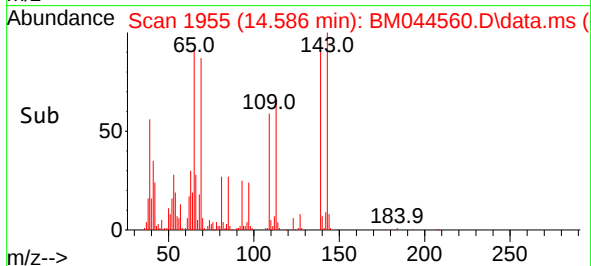
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:109 Resp: 40594
Ion Ratio Lower Upper
109 100
139 155.7 126.2 189.4
65 157.4 117.0 175.4

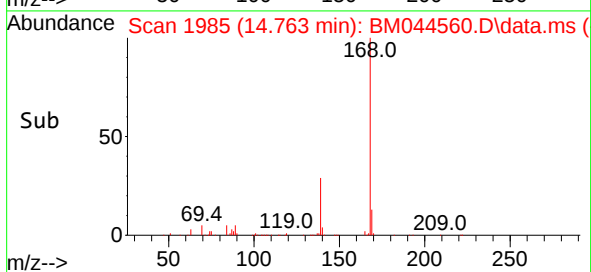
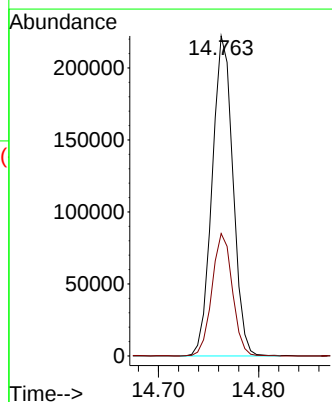
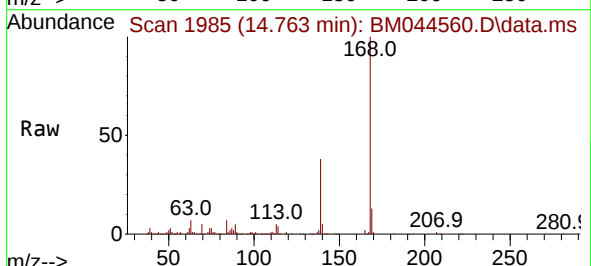
Manual Integrations
APPROVED

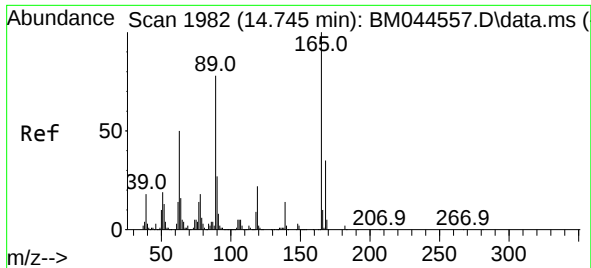
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#56
Dibenzofuran
Concen: 4.443 ng/ul
RT: 14.763 min Scan# 1985
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Tgt Ion:168 Resp: 320859
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1





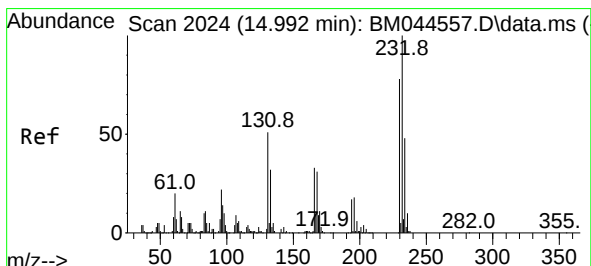
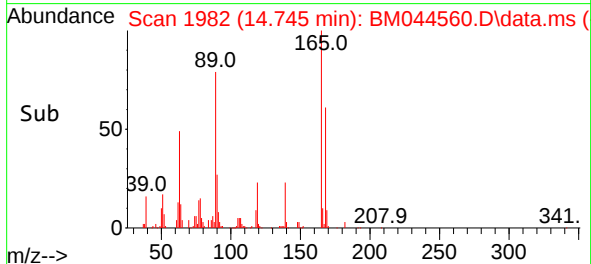
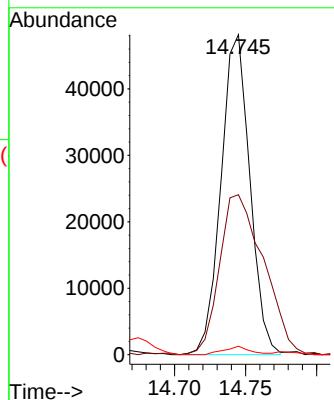
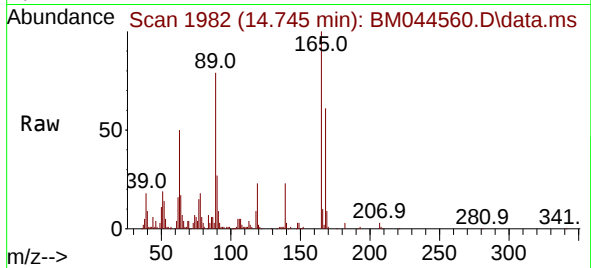
#57
2,4-Dinitrotoluene
Concen: 3.743 ng/ul
RT: 14.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02

Tgt Ion:165 Resp: 68049
Ion Ratio Lower Upper
165 100
63 50.0 37.4 56.0
182 2.7 1.8 2.8

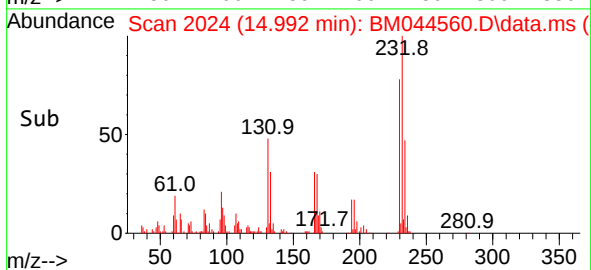
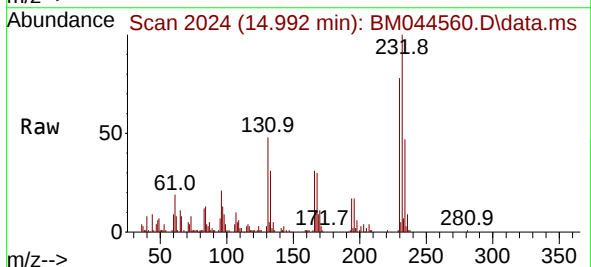
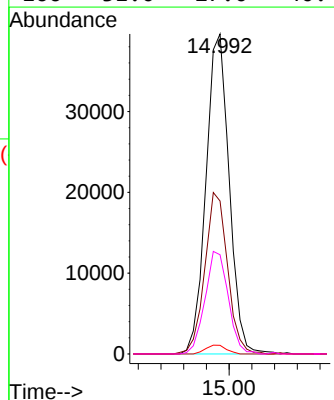
Manual Integrations
APPROVED

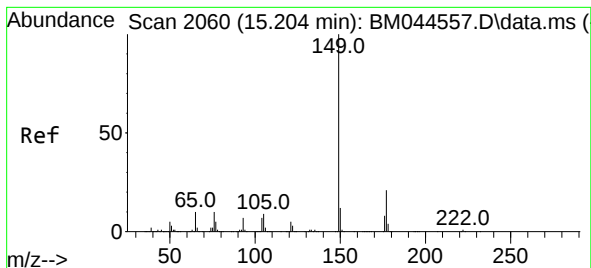
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 4.022 ng/ul
RT: 14.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Tgt Ion:232 Resp: 56186
Ion Ratio Lower Upper
232 100
131 47.8 40.6 61.0
130 2.7 2.2 3.4
166 31.0 27.0 40.4





#59

Diethylphthalate

Concen: 3.990 ng/ul

RT: 15.204 min Scan# 2060

Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-02

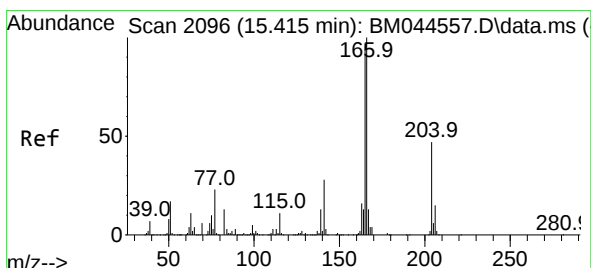
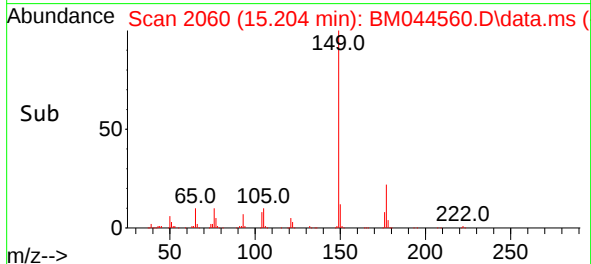
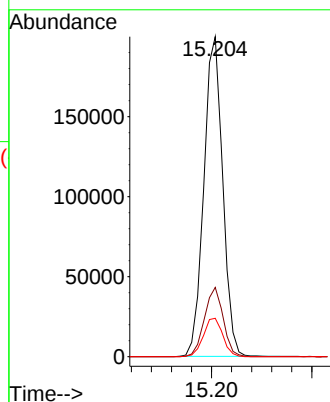
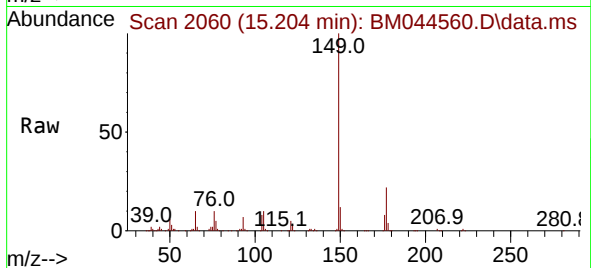
Tgt Ion:149 Resp: 261090

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.6	24.8
150	12.0	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#61

Fluorene

Concen: 4.507 ng/ul

RT: 15.415 min Scan# 2096

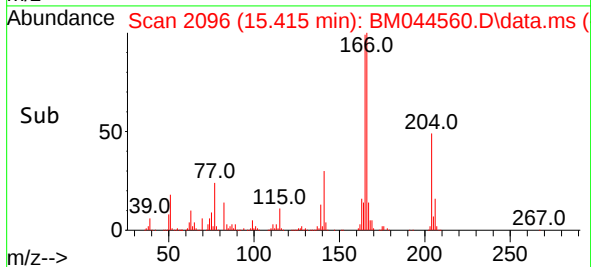
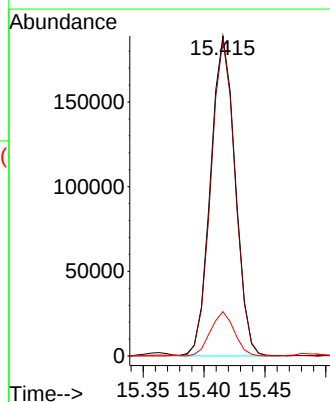
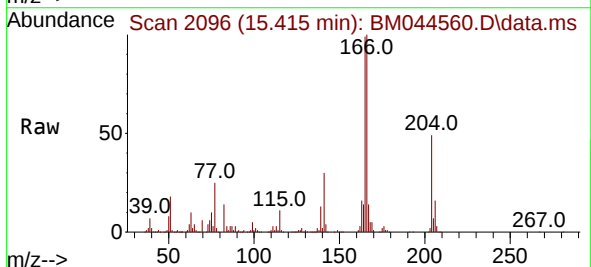
Delta R.T. -0.006 min

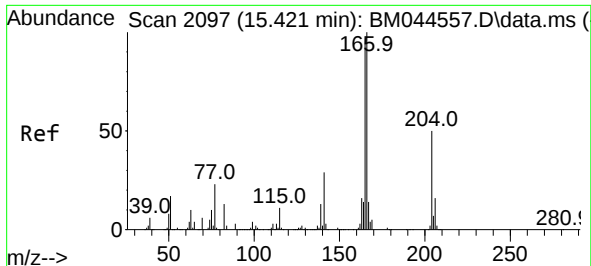
Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:166 Resp: 266223

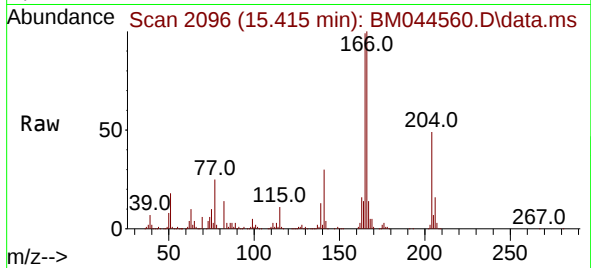
Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.3	115.9
167	13.9	10.6	16.0





#62
4-Chlorophenyl-phenylether
Concen: 4.553 ng/ul
RT: 15.415 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

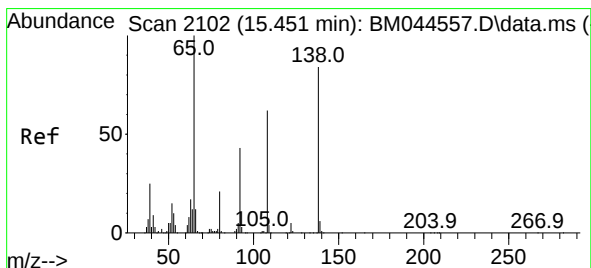
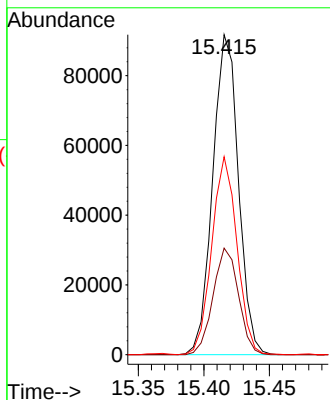
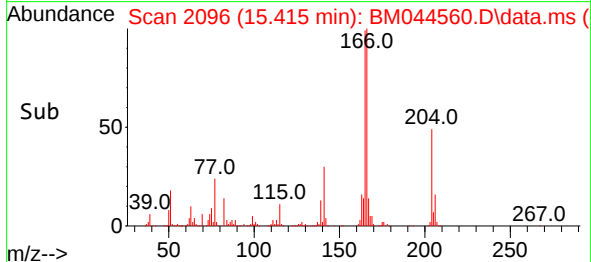
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:204 Resp: 12480
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 61.8 50.3 75.5

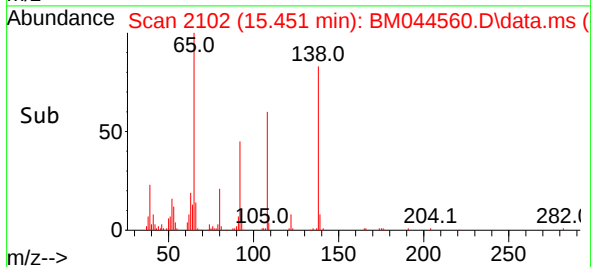
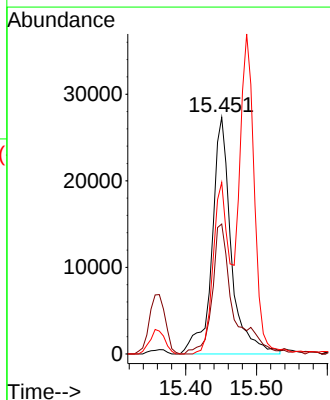
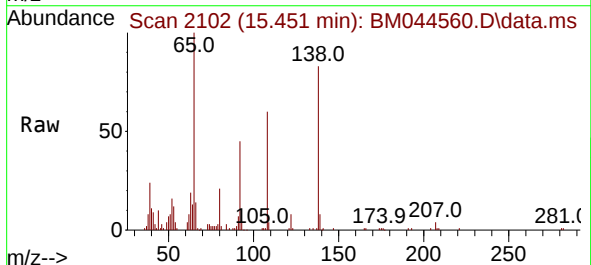
Manual Integrations
APPROVED

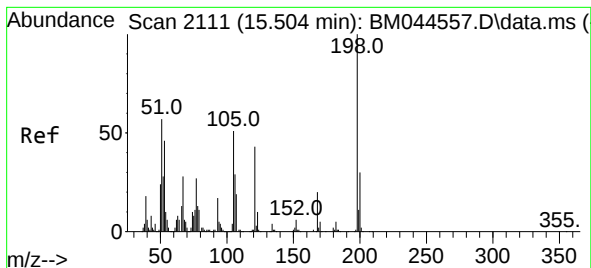
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#63
4-Nitroaniline
Concen: 3.964 ng/ul m
RT: 15.451 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

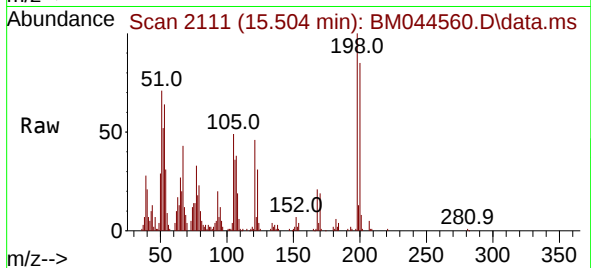
Tgt Ion:138 Resp: 51536
Ion Ratio Lower Upper
138 100
92 54.9 39.8 59.8
108 72.5 54.6 82.0





#66
4,6-Dinitro-2-methylphenol
Concen: 4.462 ng/ul
RT: 15.504 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

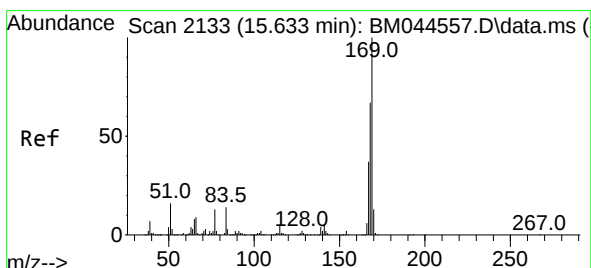
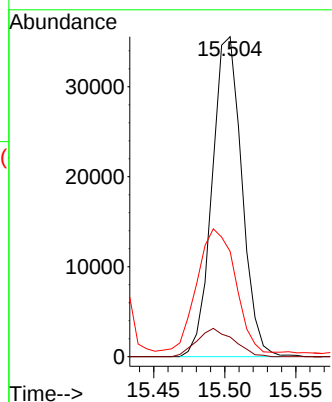
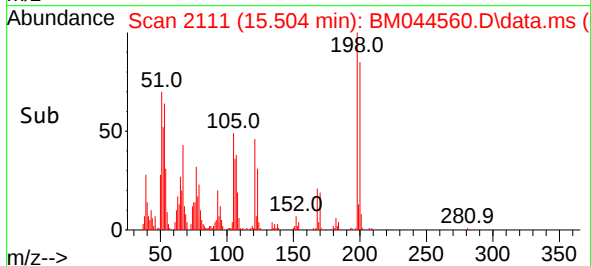
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:198 Resp: 51719
Ion Ratio Lower Upper
198 100
182 6.2 3.3 4.9
77 32.9 21.0 31.4

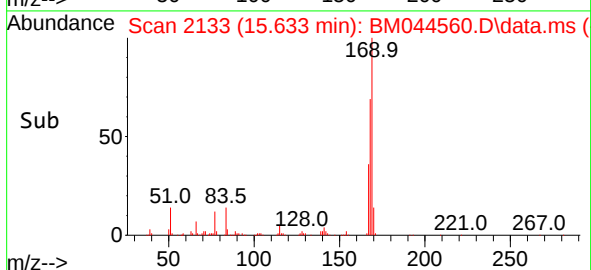
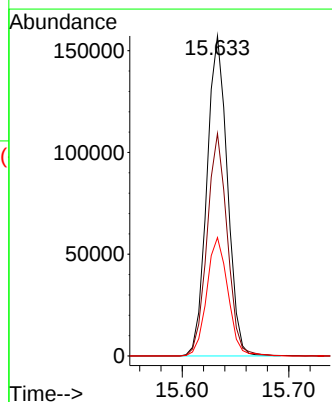
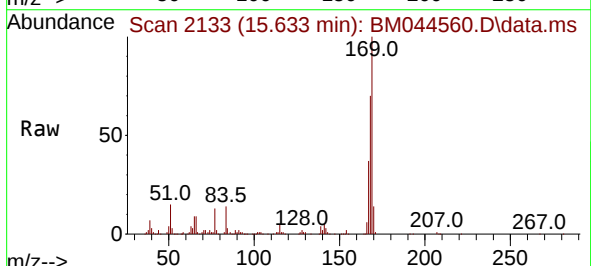
Manual Integrations
APPROVED

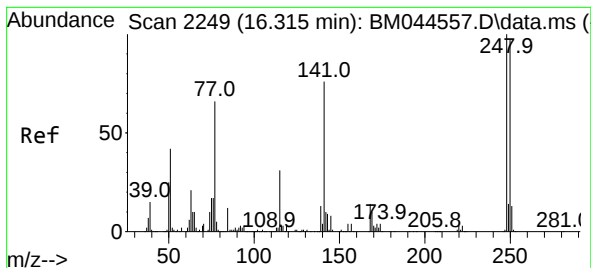
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#67
N-Nitrosodiphenylamine
Concen: 4.174 ng/ul
RT: 15.633 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

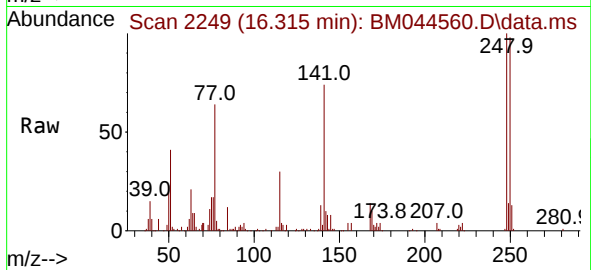
Tgt Ion:169 Resp: 210047
Ion Ratio Lower Upper
169 100
168 69.5 54.3 81.5
167 37.0 29.4 44.0





#68
4-Bromophenyl-phenylether
Concen: 4.355 ng/ul
RT: 16.315 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

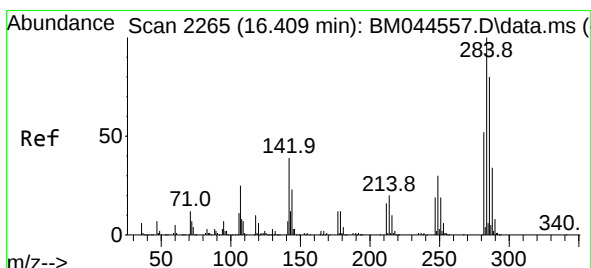
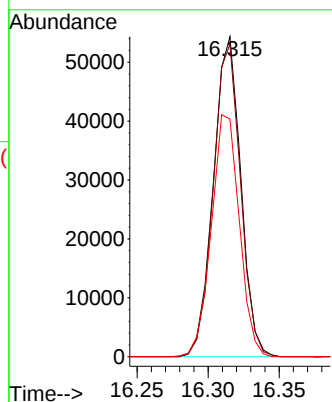
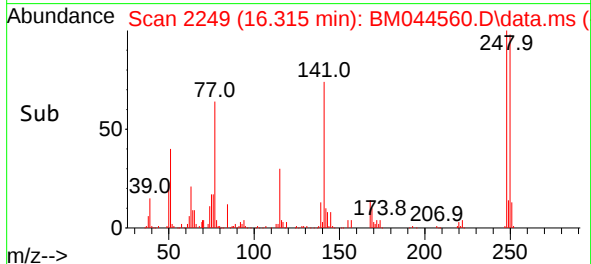
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



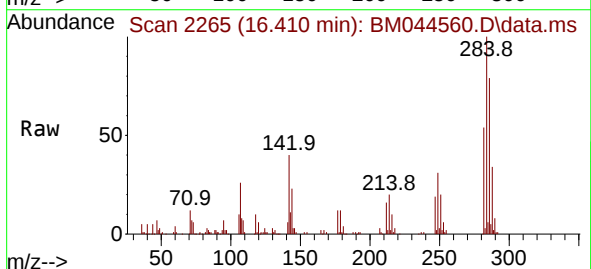
Tgt Ion:248 Resp: 7278
Ion Ratio Lower Upper
248 100
250 97.7 78.7 118.1
141 74.3 65.4 98.2

Manual Integrations
APPROVED

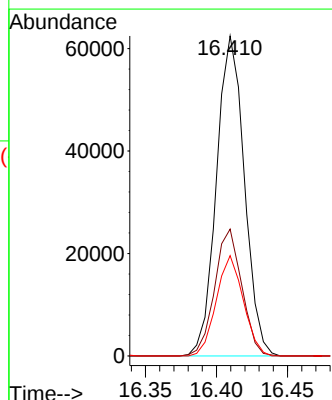
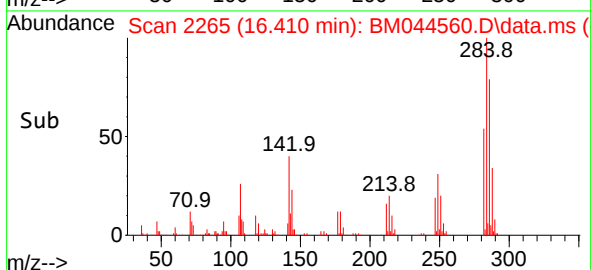
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

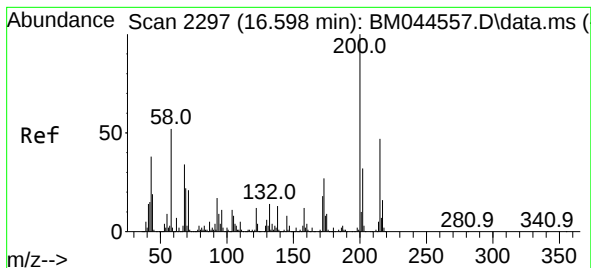


#69
Hexachlorobenzene
Concen: 4.487 ng/ul
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



Tgt Ion:284 Resp: 85424
Ion Ratio Lower Upper
284 100
142 37.5 33.7 50.5
249 29.6 24.8 37.2





#70

Atrazine

Concen: 4.969 ng/ul

RT: 16.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

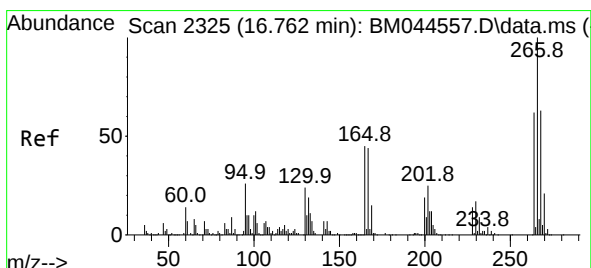
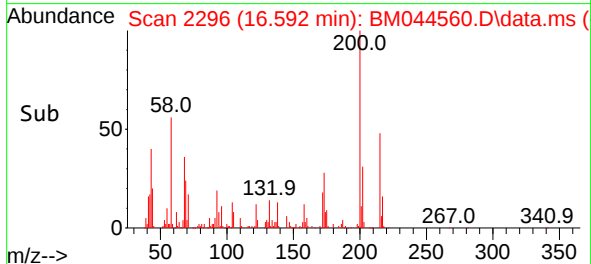
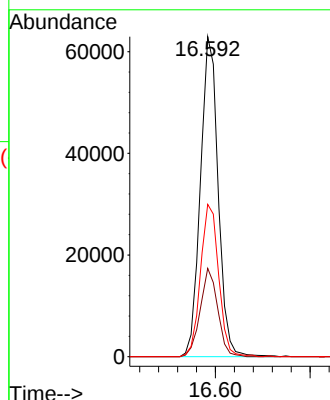
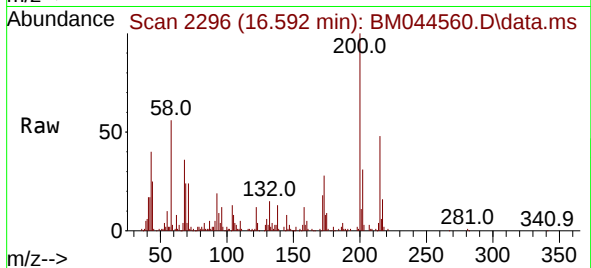
MDL-SOIL-QT1-2024-02

Tgt Ion:	200	Resp:	8171
Ion Ratio	Lower	Upper	
200	100		
173	27.6	22.4	33.6
215	47.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#71

Pentachlorophenol

Concen: 4.631 ng/ul

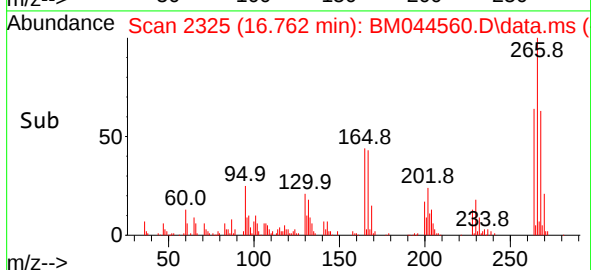
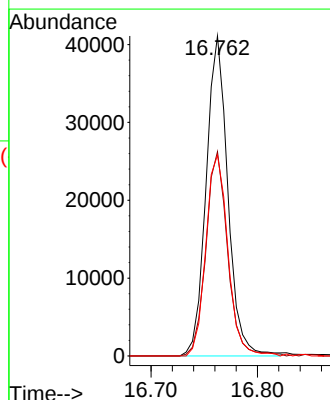
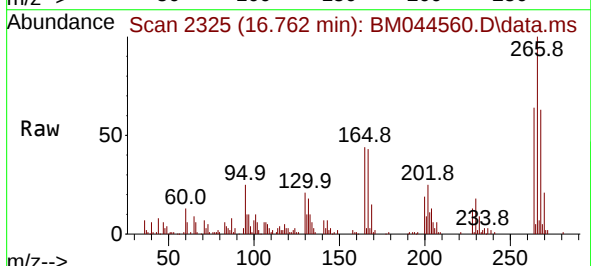
RT: 16.762 min Scan# 2325

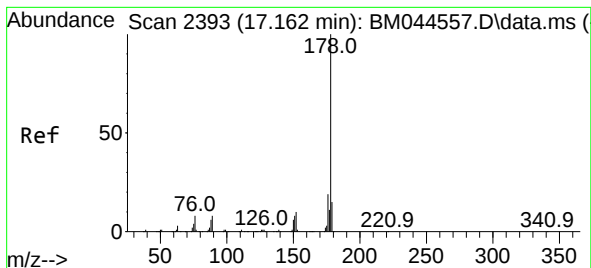
Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:	266	Resp:	58210
Ion Ratio	Lower	Upper	
266	100		
264	63.8	51.0	76.4
268	67.6	52.6	78.8





#72

Phenanthrene

Concen: 4.273 ng/ul

RT: 17.157 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-02

Tgt Ion:178 Resp: 40505

Ion Ratio Lower Upper

178 100

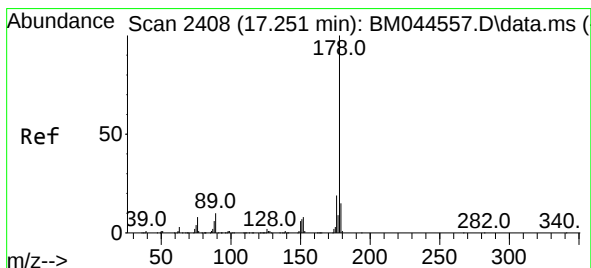
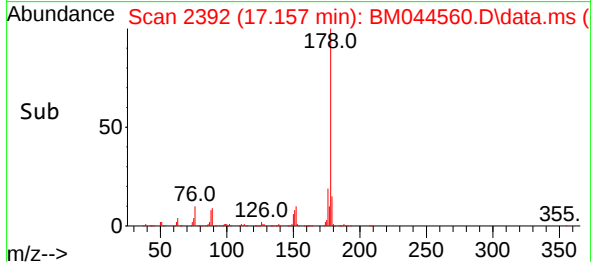
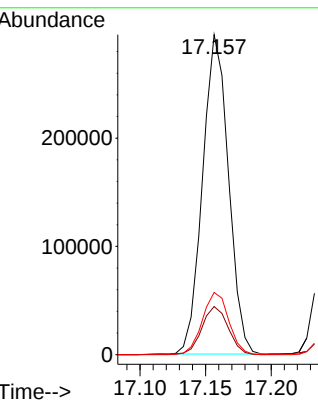
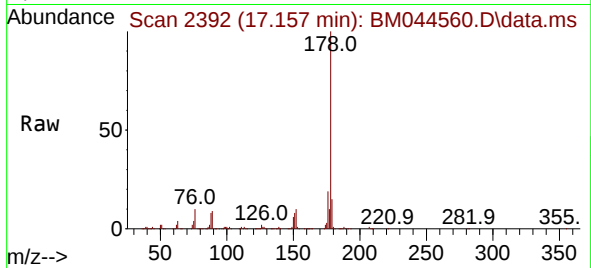
179 15.0 12.3 18.5

176 19.4 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#74

Anthracene

Concen: 4.067 ng/ul

RT: 17.251 min Scan# 2408

Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

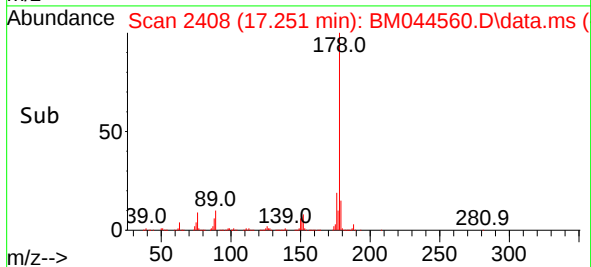
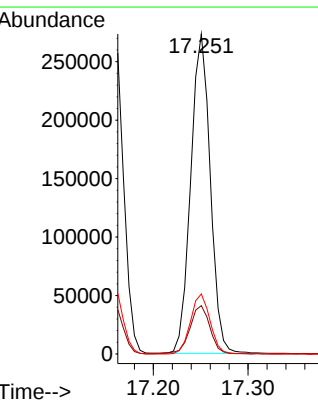
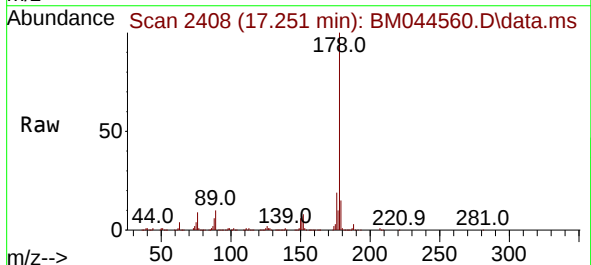
Tgt Ion:178 Resp: 389882

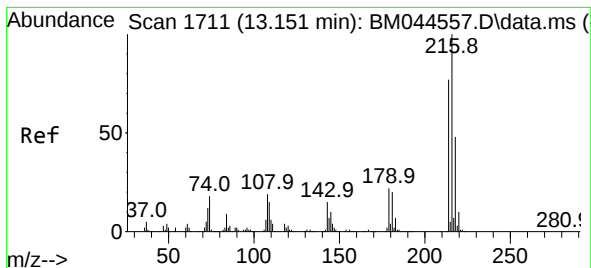
Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

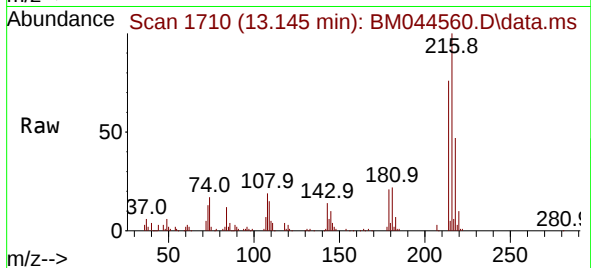
176 18.8 15.0 22.6





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.448 ng/uL
RT: 13.145 min Scan# 1710
Delta R.T. -0.012 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

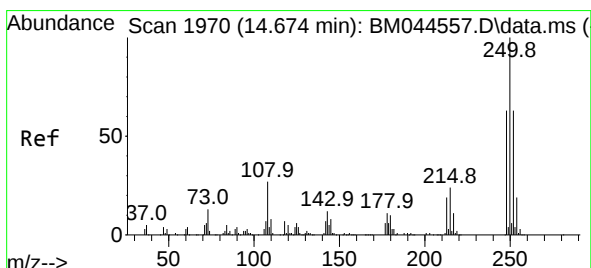
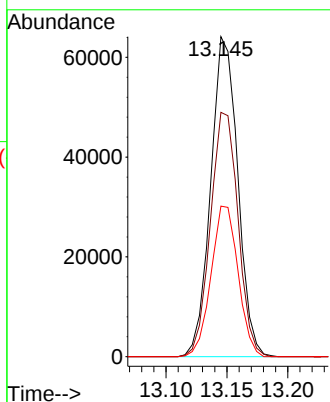
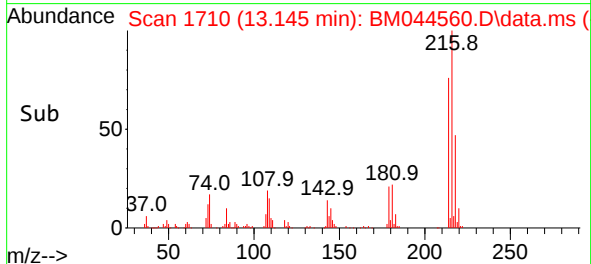
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



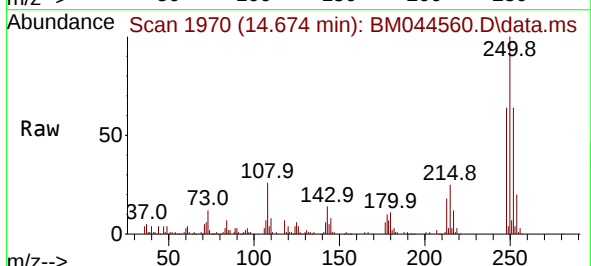
Tgt Ion:216 Resp: 99270
Ion Ratio Lower Upper
216 100
214 76.3 62.9 94.3
218 47.1 38.6 57.8

Manual Integrations
APPROVED

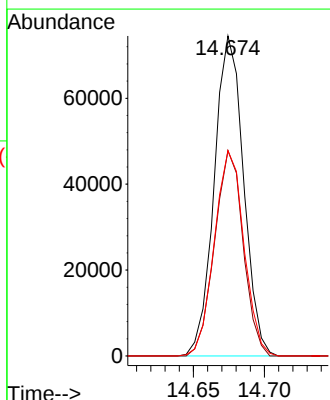
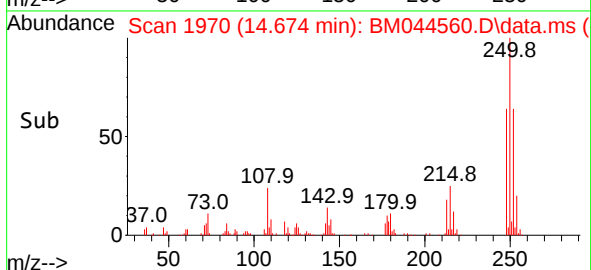
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

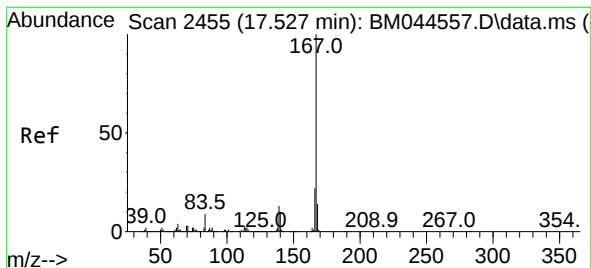


#76
Pentachlorobenzene
Concen: 4.961 ng/uL
RT: 14.674 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



Tgt Ion:250 Resp: 107043
Ion Ratio Lower Upper
250 100
248 64.2 50.1 75.1
252 64.2 50.6 75.8





#77

Carbazole

Concen: 4.067 ng/ul

RT: 17.527 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BM044560.D

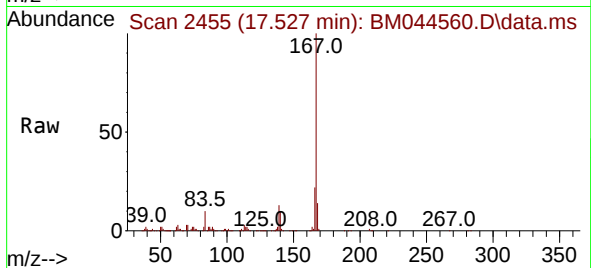
Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-02

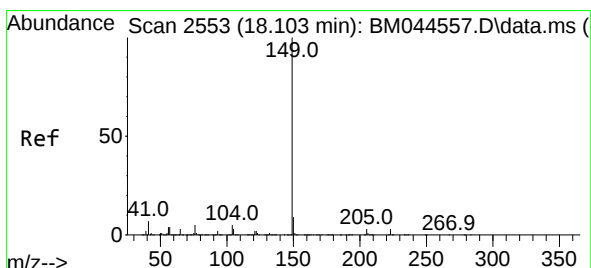
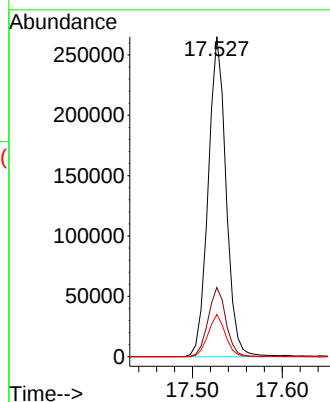
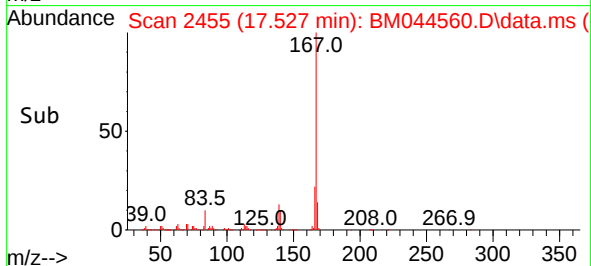


Tgt Ion:167	Resp: 36634
Ion Ratio	Lower Upper
167 100	
166 21.6	17.2 25.8
139 13.2	10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#78

Di-n-butylphthalate

Concen: 3.538 ng/ul

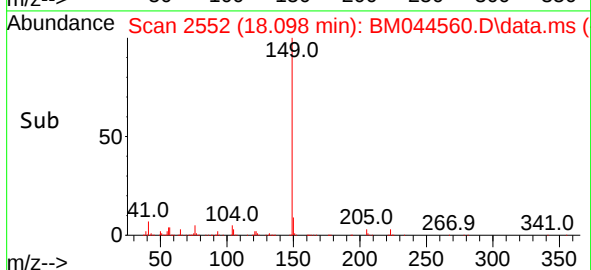
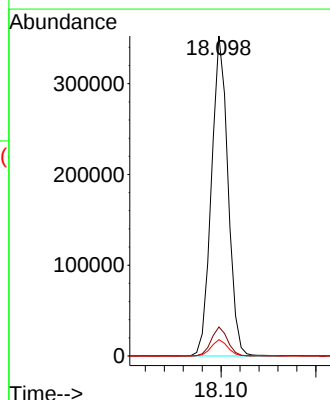
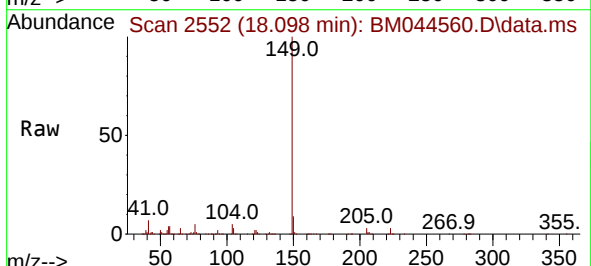
RT: 18.098 min Scan# 2552

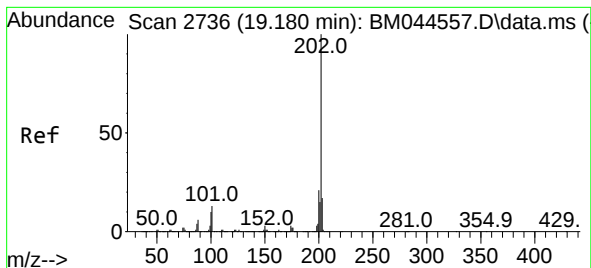
Delta R.T. -0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

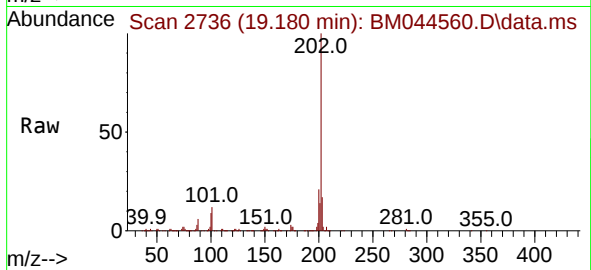
Tgt Ion:149	Resp: 428719
Ion Ratio	Lower Upper
149 100	
150 9.0	7.3 10.9
104 5.1	3.8 5.6





#80
Fluoranthene
Concen: 4.173 ng/ul
RT: 19.180 min Scan# 2736
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

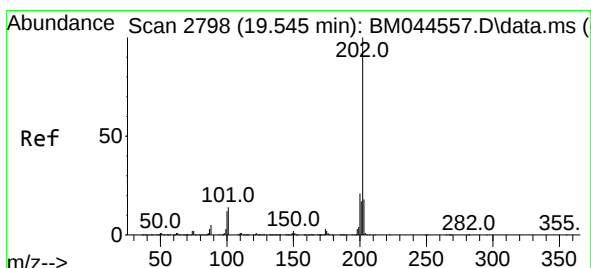
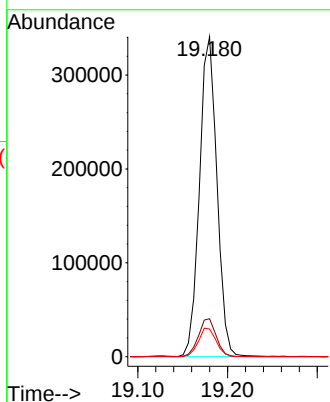
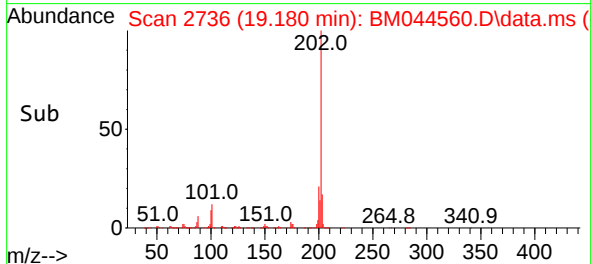
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:202 Resp: 459469
Ion Ratio Lower Upper
202 100
101 11.8 10.7 16.1
100 8.6 8.2 12.2

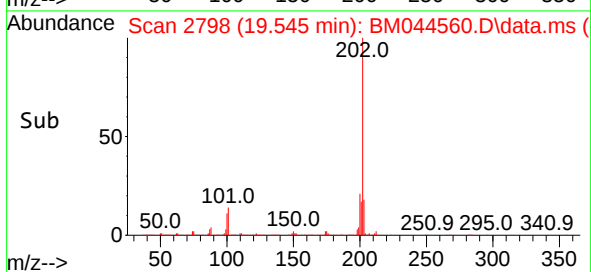
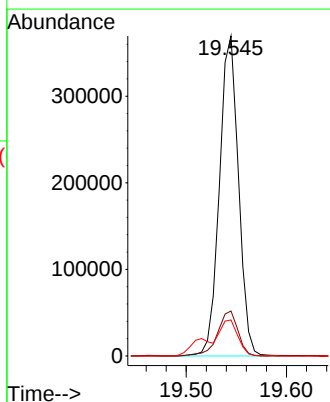
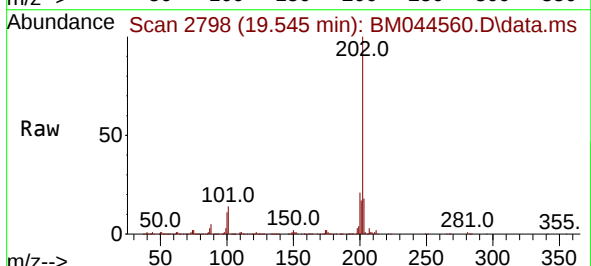
Manual Integrations
APPROVED

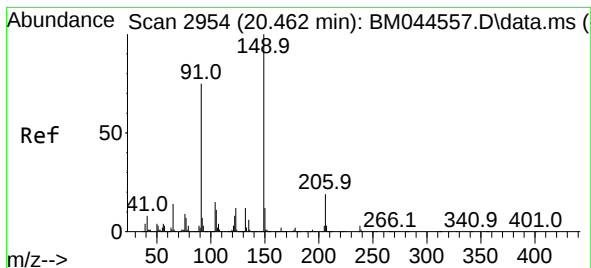
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#82
Pyrene
Concen: 4.251 ng/ul
RT: 19.545 min Scan# 2798
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Tgt Ion:202 Resp: 487393
Ion Ratio Lower Upper
202 100
101 14.0 12.5 18.7
100 11.3 10.0 15.0





#83

Butylbenzylphthalate

Concen: 3.083 ng/ul

RT: 20.462 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2024-02

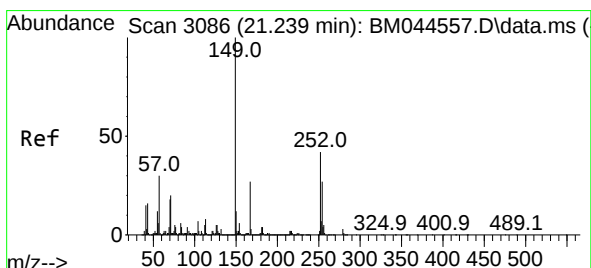
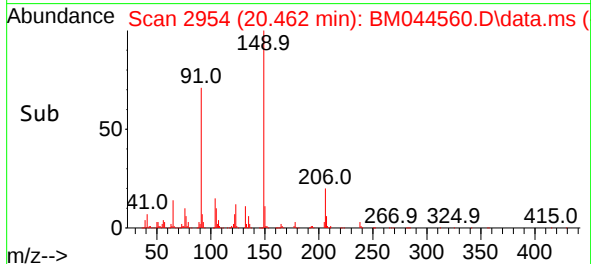
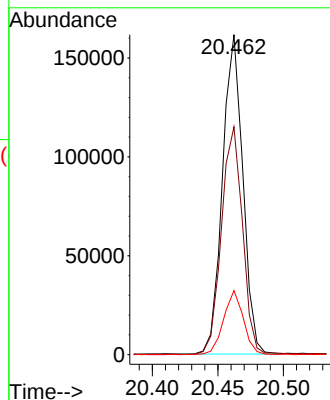
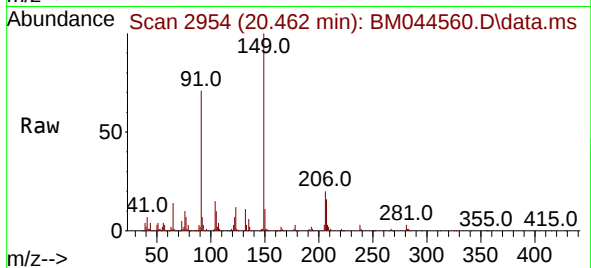
Tgt Ion:149 Resp: 173790

Ion	Ratio	Lower	Upper
149	100		
91	71.2	55.9	83.9
206	20.1	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#84

3,3'-Dichlorobenzidine

Concen: 4.463 ng/ul

RT: 21.233 min Scan# 3085

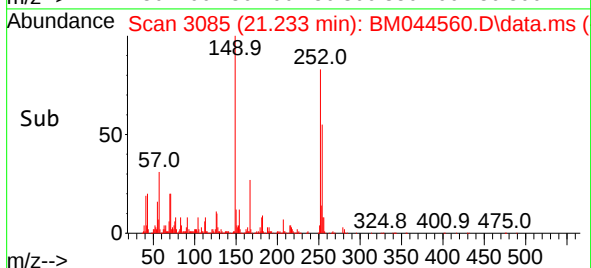
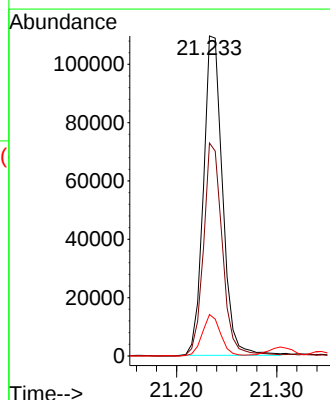
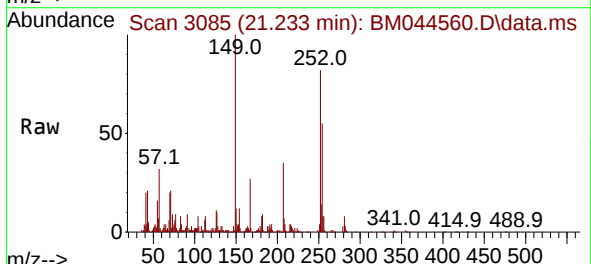
Delta R.T. 0.000 min

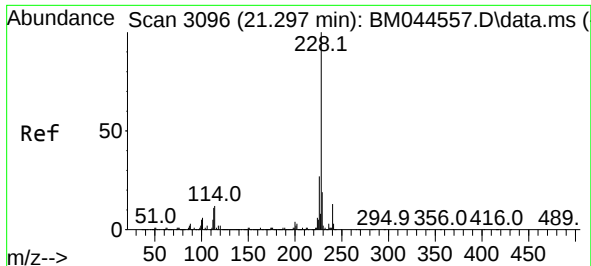
Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:252 Resp: 145556

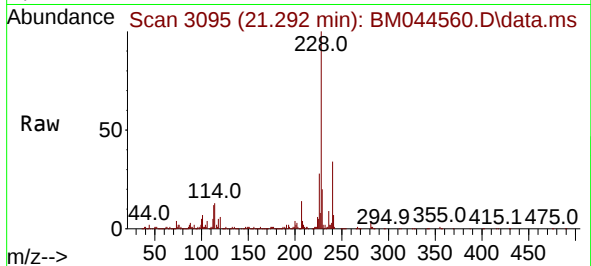
Ion	Ratio	Lower	Upper
252	100		
254	66.5	51.6	77.4
126	12.9	11.1	16.7





#85
Benzo(a)anthracene
Concen: 4.034 ng/ul
RT: 21.292 min Scan# 3096
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

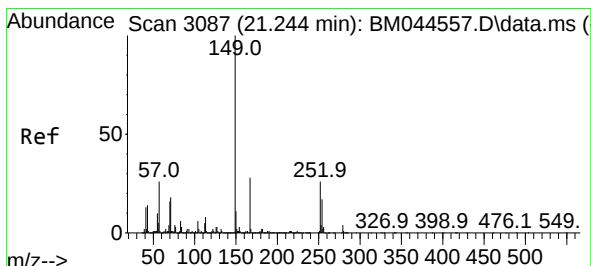
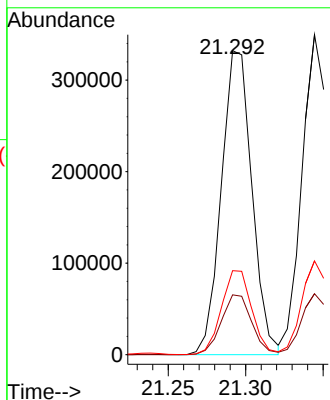
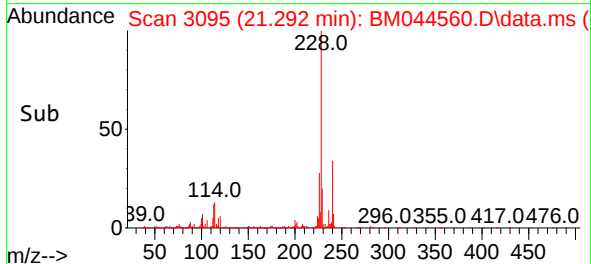
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2024-02



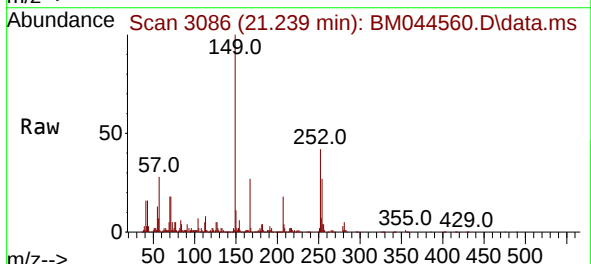
Tgt Ion:228 Resp: 456702
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.8
226 27.6 21.8 32.6

Manual Integrations
APPROVED

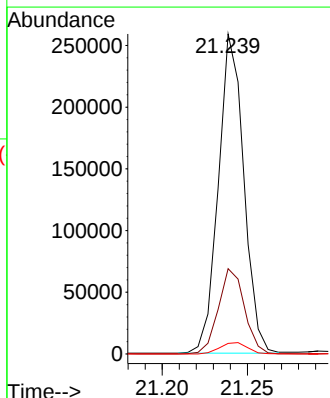
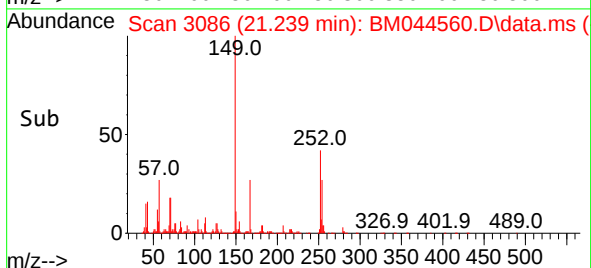
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

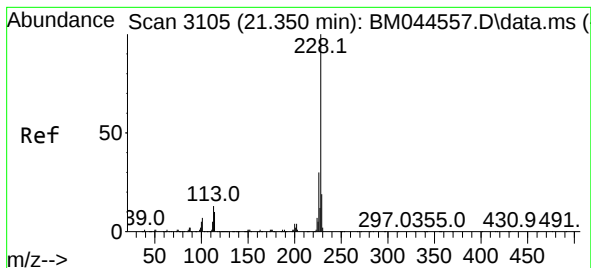


#86
Bis(2-ethylhexyl)phthalate
Concen: 3.266 ng/ul
RT: 21.239 min Scan# 3086
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55



Tgt Ion:149 Resp: 268413
Ion Ratio Lower Upper
149 100
167 26.7 22.1 33.1
279 3.3 2.6 4.0





#87

Chrysene

Concen: 4.149 ng/ul

RT: 21.344 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

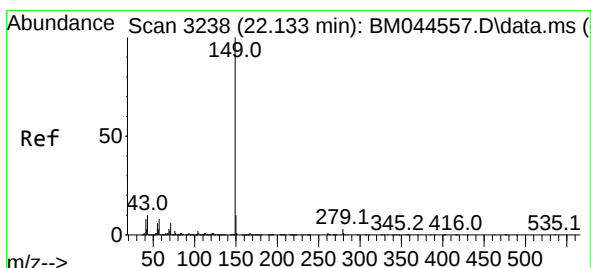
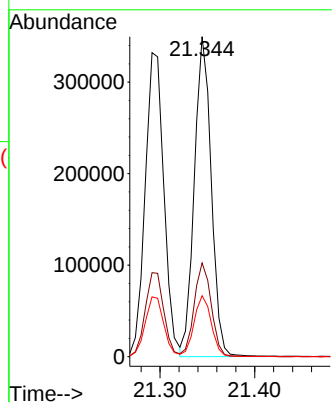
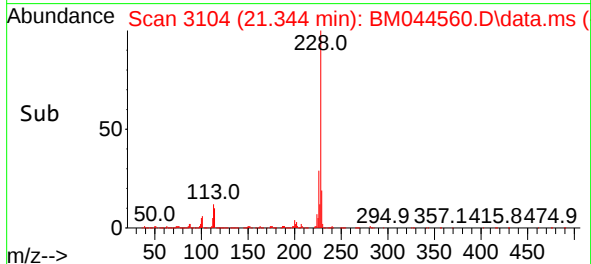
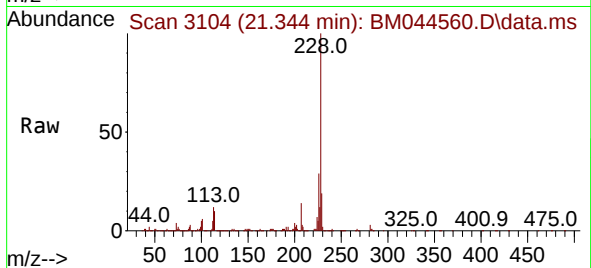
MDL-SOIL-QT1-2024-02

Tgt Ion:228 Resp: 434840
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.9 35.9
 229 19.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024



#89

Di-n-octyl phthalate

Concen: 3.371 ng/ul

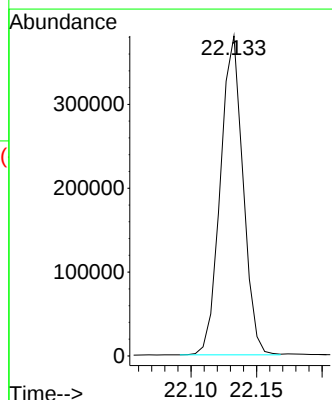
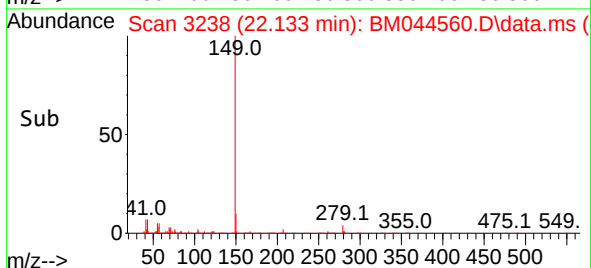
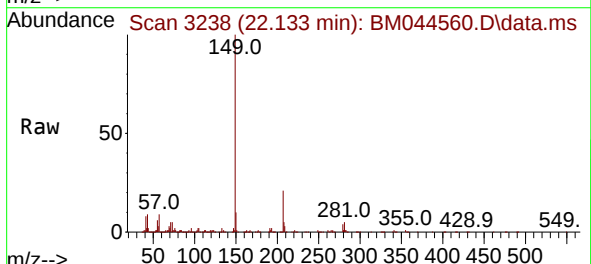
RT: 22.133 min Scan# 3238

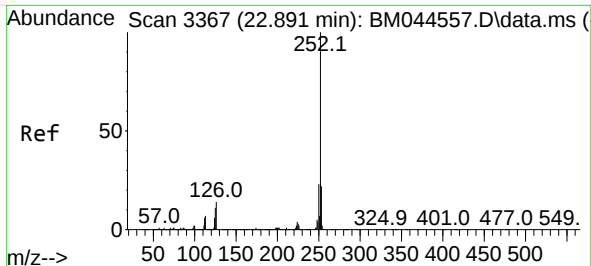
Delta R.T. 0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

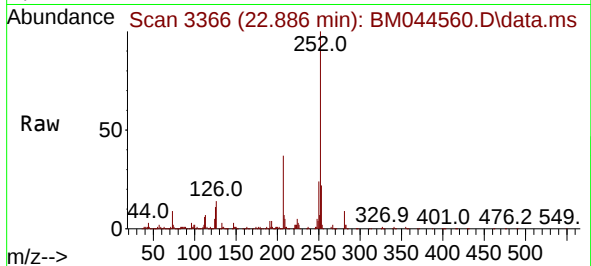
Tgt Ion:149 Resp: 455718





#90
Benzo(b)fluoranthene
Concen: 4.283 ng/ul
RT: 22.886 min Scan# 3366
Delta R.T. 0.000 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

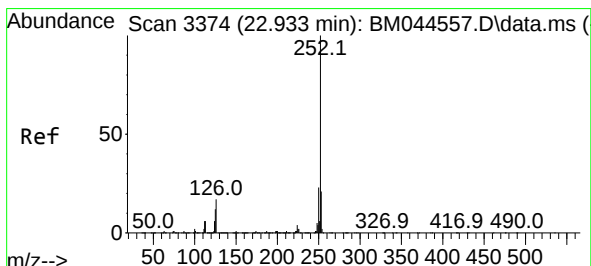
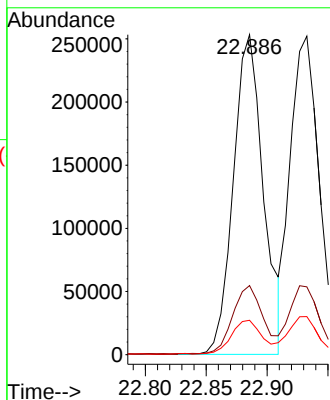
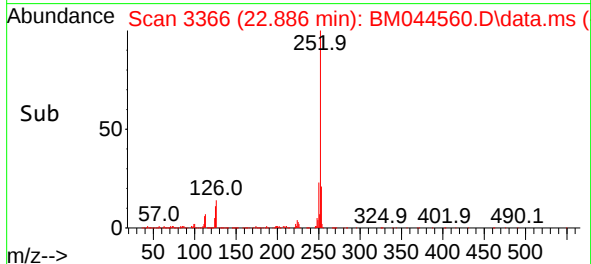
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2024-02



Tgt Ion:252 Resp: 432889
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 10.8 9.3 13.9

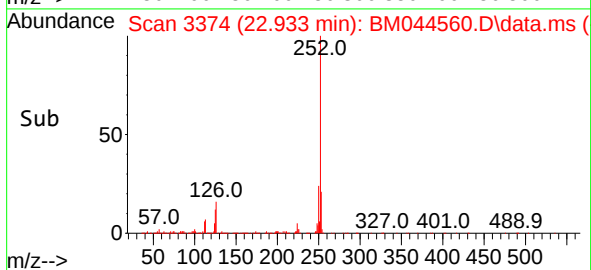
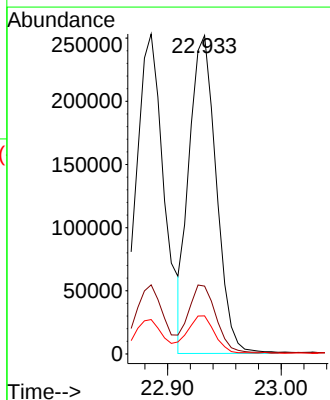
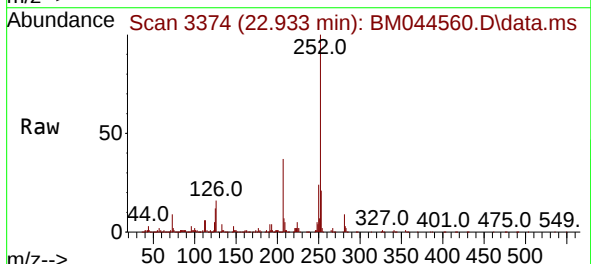
Manual Integrations
APPROVED

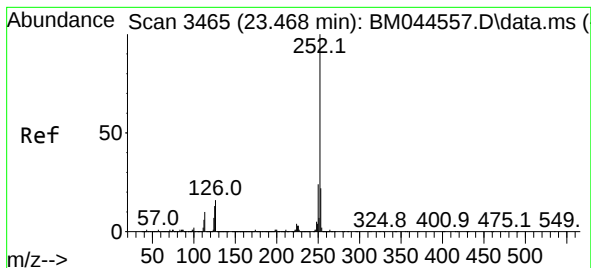
Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#91
Benzo(k)fluoranthene
Concen: 4.217 ng/ul
RT: 22.933 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM044560.D
Acq: 08 Mar 2024 10:55

Tgt Ion:252 Resp: 417492
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 11.9 10.0 15.0





#93

Benzo(a)pyrene

Concen: 4.181 ng/ul

RT: 23.468 min Scan# 3465

Delta R.T. 0.006 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

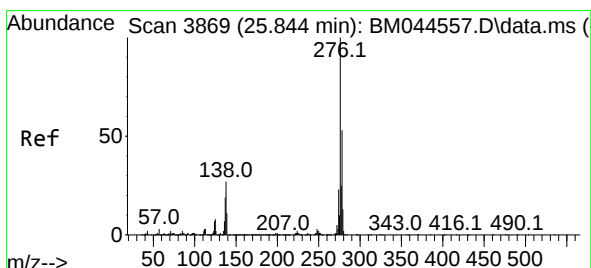
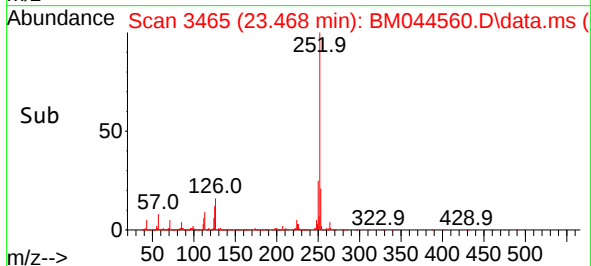
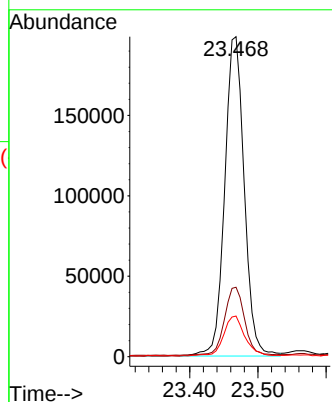
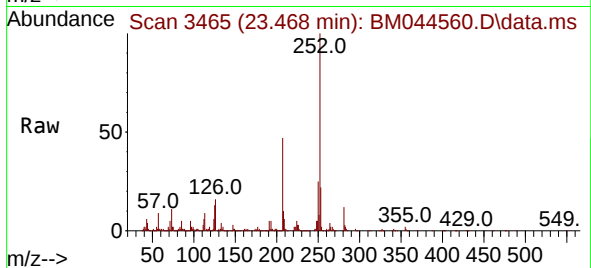
MDL-SOIL-QT1-2024-02

Tgt Ion:	252	Resp:	395319
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	12.7	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.967 ng/ul

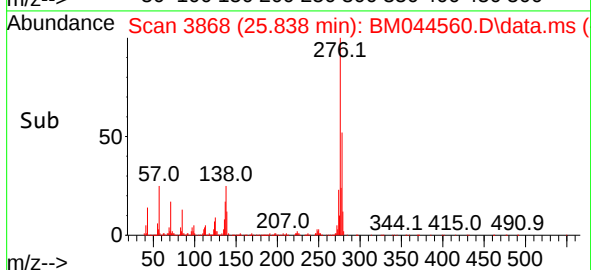
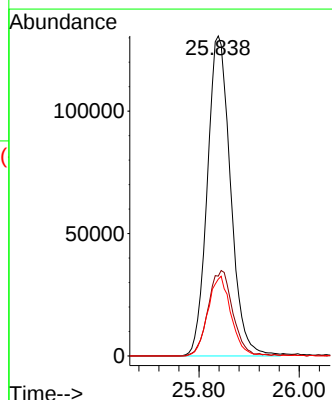
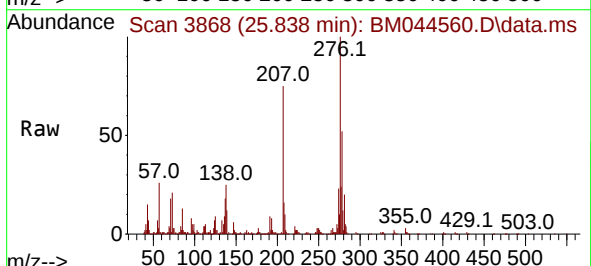
RT: 25.838 min Scan# 3868

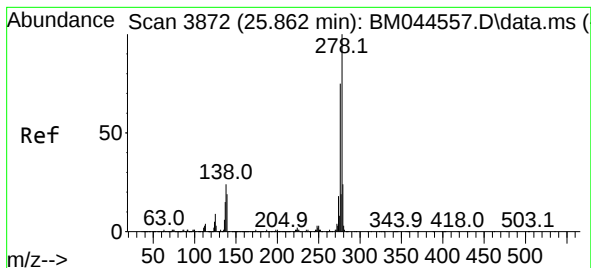
Delta R.T. 0.000 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:	276	Resp:	420719
Ion Ratio	Lower	Upper	
276	100		
138	25.0	23.1	34.7
277	24.0	19.7	29.5





#95

Dibenzo(a,h)anthracene

Concen: 3.992 ng/ul

RT: 25.856 min Scan# 3872

Delta R.T. 0.000 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Instrument :

BNA_M

ClientSampleId :

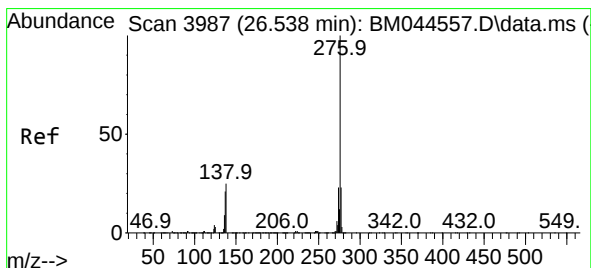
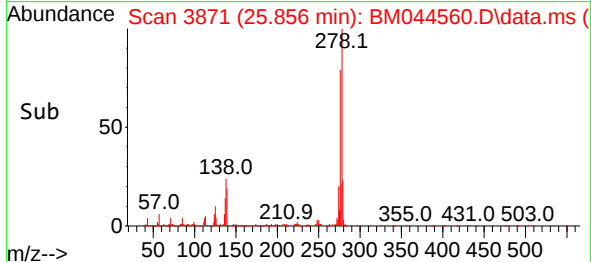
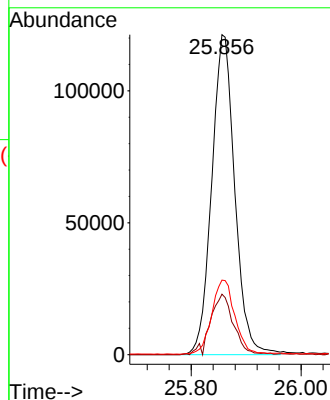
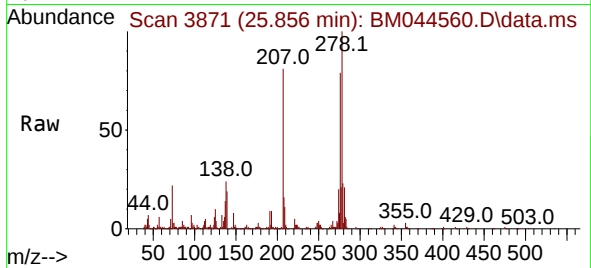
MDL-SOIL-QT1-2024-02

Tgt Ion:	278	Resp:	35298
Ion Ratio	Lower	Upper	
278	100		
139	18.9	15.8	23.6
279	23.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024



#96

Benzo(g,h,i)perylene

Concen: 3.940 ng/ul

RT: 26.532 min Scan# 3986

Delta R.T. 0.000 min

Lab File: BM044560.D

Acq: 08 Mar 2024 10:55

Tgt Ion:	276	Resp:	333418
Ion Ratio	Lower	Upper	
276	100		
138	24.0	20.8	31.2
277	23.1	19.0	28.4

