

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121224\
 Data File : BM048969.D
 Acq On : 12 Dec 2024 13:00
 Operator : RC/JU
 Sample : P4776-05
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

Quant Time: Dec 12 23:19:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:53:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	225552	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	871266	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.204	164	470254	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	882470	20.000	ng/u1	0.00
79) Chrysene-d12	21.180	240	735461	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	784093	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	19703	3.074	ng/uL	0.00
4) Pyridine-d5	3.546	84	216862	11.378	ng/u1	0.00
7) Phenol-d5	6.757	99	224129	11.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	163175	12.220	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	172840	12.115	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	156573	10.668	ng/u1	0.00
21) Nitrobenzene-d5	8.710	128	75931	12.152	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	64447	11.157	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	141862	11.539	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	202960	10.589	ng/u1	0.00
46) Dimethylphthalate-d6	13.627	166	387484	11.967	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	477318	12.077	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	54324	8.756	ng/u1	0.00
60) Fluorene-d10	15.204	176	336100	11.977	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	31761	6.899	ng/u1	0.00
73) Anthracene-d10	17.051	188	460884	10.656	ng/u1	0.00
81) Pyrene-d10	19.351	212	533737	12.926	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	480434	11.959	ng/u1	0.00
Target Compounds						
2) 1,4-Dioxane	3.187	88	7216m	1.057	ng/uL	
5) Pyridine	3.563	79	72778	3.654	ng/u1#	86
6) Benzaldehyde	6.722	77	47638	4.544	ng/u1	99
8) Phenol	6.781	94	82761	3.905	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.010	93	67337	4.018	ng/u1	98
12) 2-Chlorophenol	7.140	128	59994	3.983	ng/u1	98
13) 2-Methylphenol	8.016	108	48782	3.354	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.098	45	101143	4.078	ng/u1	97
16) Acetophenone	8.387	105	93437	3.784	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.375	70	43531	3.617	ng/u1	97
18) 4-Methylphenol	8.340	108	56735	3.549	ng/u1	100
19) Hexachloroethane	8.634	117	26477	4.067	ng/u1	95
22) Nitrobenzene	8.757	77	70799	4.133	ng/u1	98
23) Isophorone	9.281	82	110308	3.642	ng/u1	99
25) 2-Nitrophenol	9.463	139	25408	3.729	ng/u1	97
26) 2,4-Dimethylphenol	9.528	107	35812m	2.531	ng/u1	
27) Bis(2-Chloroethoxy)met...	9.769	93	75370	3.893	ng/u1	99
29) 2,4-Dichlorophenol	9.992	162	49274	3.878	ng/u1	96
30) Naphthalene	10.386	128	188353	4.069	ng/u1	100
32) 4-Chloroaniline	10.498	127	67796	3.675	ng/u1	99
33) Hexachlorobutadiene	10.681	225	32685	3.985	ng/u1	99
34) Caprolactam	11.275	113	12105m	3.024	ng/u1	
35) 4-Chloro-3-methylphenol	11.633	107	39772	3.272	ng/u1	97
36) 2-Methylnaphthalene	12.010	142	112379	3.833	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121224\
 Data File : BM048969.D
 Acq On : 12 Dec 2024 13:00
 Operator : RC/JU
 Sample : P4776-05
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-07

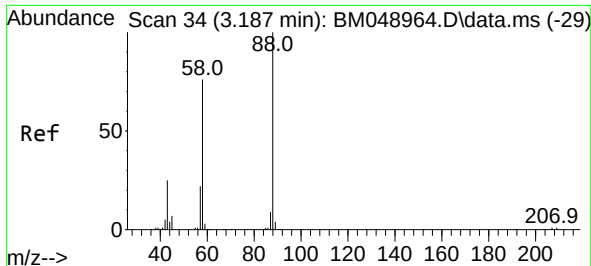
Quant Time: Dec 12 23:19:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 12 00:53:37 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

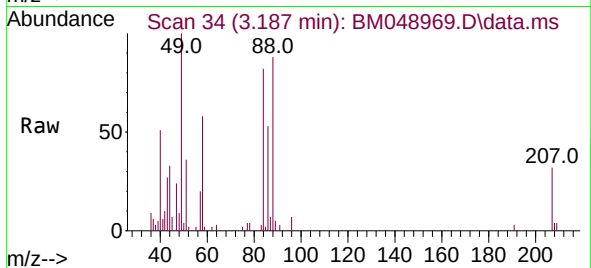
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	105397	3.597	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.380	216	57637	4.004	ng/ul	96
40) Hexachlorocyclopentadiene	12.369	237	26655	2.982	ng/ul	94
41) 2,4,6-Trichlorophenol	12.627	196	25682	3.180	ng/ul	96
42) 2,4,5-Trichlorophenol	12.698	196	29459	3.313	ng/ul	95
43) 1,1'-Biphenyl	13.039	154	145620	4.091	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	118560	4.192	ng/ul	96
45) 2-Nitroaniline	13.280	65	22400	3.087	ng/ul	98
47) Dimethylphthalate	13.674	163	125625	3.878	ng/ul#	98
48) 2,6-Dinitrotoluene	13.786	165	15624	2.860	ng/ul#	95
50) Acenaphthylene	13.922	152	178781	4.156	ng/ul	99
51) 3-Nitroaniline	14.116	138	17917m	2.816	ng/ul	
52) Acenaphthene	14.269	153	117859	3.862	ng/ul	98
53) 2,4-Dinitrophenol	14.322	184	9918	3.476	ng/ul	97
55) 4-Nitrophenol	14.427	109	16548m	3.640	ng/ul	
56) Dibenzofuran	14.610	168	164100	3.995	ng/ul	99
57) 2,4-Dinitrotoluene	14.574	165	25041	3.101	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.839	232	21954	3.374	ng/ul#	90
59) Diethylphthalate	15.051	149	113196	3.628	ng/ul	99
61) Fluorene	15.257	166	126068	3.712	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	60196	3.658	ng/ul	96
63) 4-Nitroaniline	15.280	138	17426m	2.875	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.339	198	14776	2.883	ng/ul#	95
67) N-Nitrosodiphenylamine	15.474	169	93090	3.462	ng/ul	97
68) 4-Bromophenyl-phenylether	16.157	248	31646	3.640	ng/ul	91
69) Hexachlorobenzene	16.263	284	39350	3.765	ng/ul	98
70) Atrazine	16.439	200	29355	2.978	ng/ul	98
71) Pentachlorophenol	16.610	266	23546	3.639	ng/ul	98
72) Phenanthrene	16.998	178	190493	3.732	ng/ul	98
74) Anthracene	17.086	178	180104	3.504	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.992	216	51928	3.629	ng/uL	97
76) Pentachlorobenzene	14.527	250	46974	3.384	ng/uL	95
77) Carbazole	17.357	167	157144	3.242	ng/ul	99
78) Di-n-butylphthalate	17.945	149	157225	3.229	ng/ul	99
80) Fluoranthene	19.015	202	188603	3.885	ng/ul	98
82) Pyrene	19.380	202	215764	4.029	ng/ul#	96
83) Butylbenzylphthalate	20.309	149	56317	3.445	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.098	252	24809	1.943	ng/ul	94
85) Benzo(a)anthracene	21.162	228	194989	3.953	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.121	149	75996	3.218	ng/ul	99
87) Chrysene	21.215	228	188546	4.061	ng/ul	98
89) Di-n-octyl phthalate	22.197	149	108195	2.294	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	175331	3.536	ng/ul	97
91) Benzo(k)fluoranthene	23.162	252	178293	3.599	ng/ul	97
93) Benzo(a)pyrene	23.856	252	161240	3.497	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.097	276	215770	3.788	ng/ul	99
95) Dibenzo(a,h)anthracene	27.168	278	180711m	3.882	ng/ul	
96) Benzo(g,h,i)perylene	28.068	276	172694m	3.949	ng/ul	

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



#2
1,4-Dioxane
Concen: 1.057 ng/uL m
RT: 3.187 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

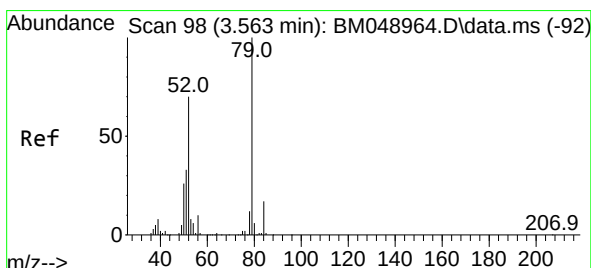
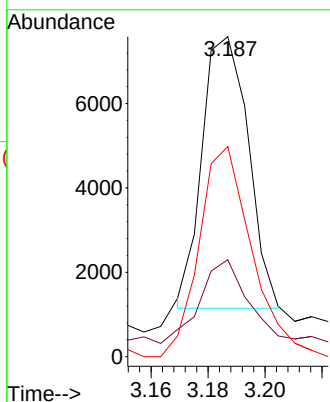
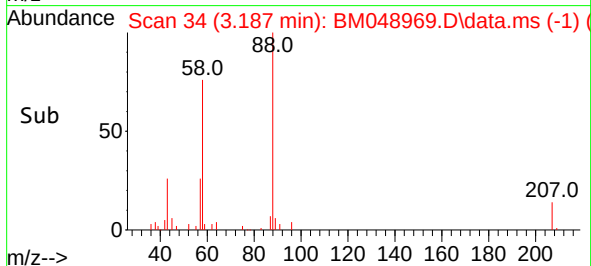
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion: 88 Resp: 7210
Ion Ratio Lower Upper
88 100
43 30.3 24.7 37.1
58 65.7 60.0 90.0

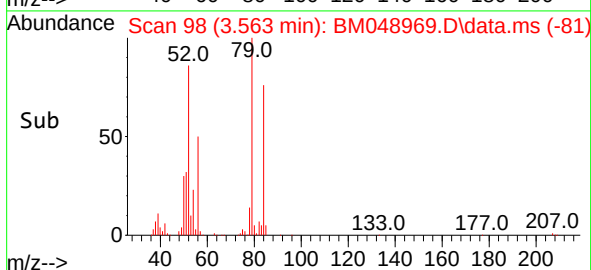
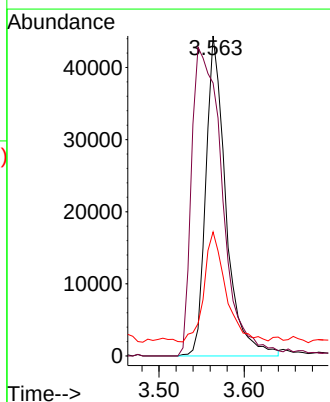
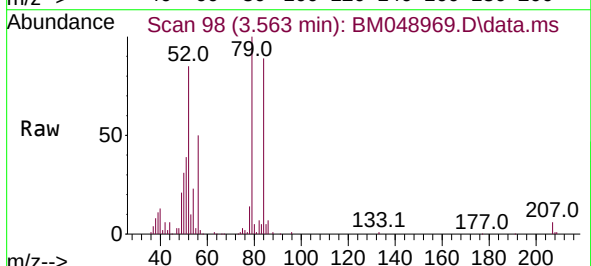
Manual Integrations
APPROVED

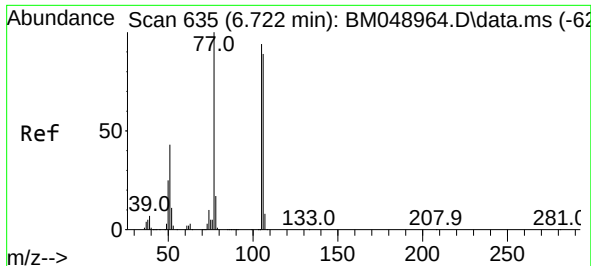
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#5
Pyridine
Concen: 3.654 ng/uL
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion: 79 Resp: 72778
Ion Ratio Lower Upper
79 100
52 85.3 56.2 84.4#
51 38.7 28.6 42.8





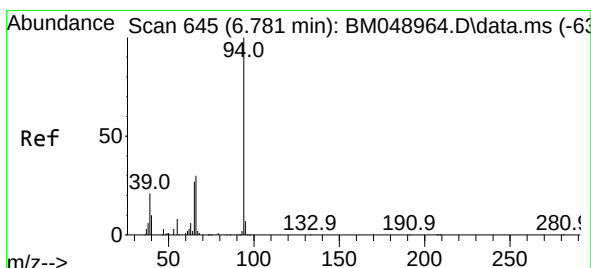
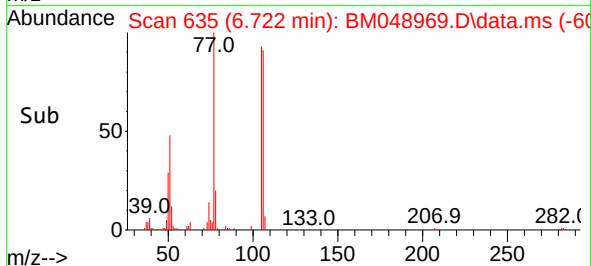
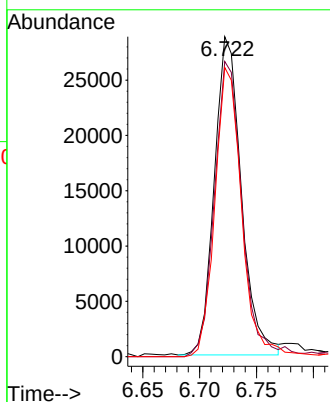
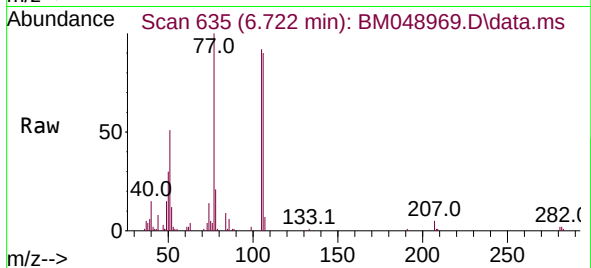
#6
Benzaldehyde
Concen: 4.544 ng/ul
RT: 6.722 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 77 Resp: 47638
Ion Ratio Lower Upper
77 100
105 92.3 73.3 109.9
106 90.3 71.9 107.9

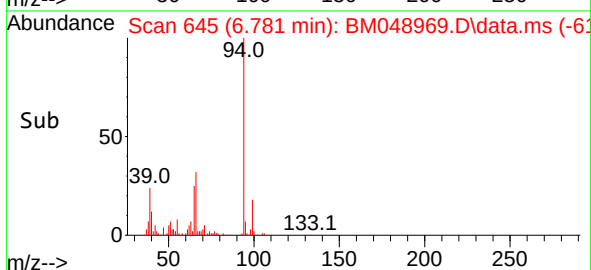
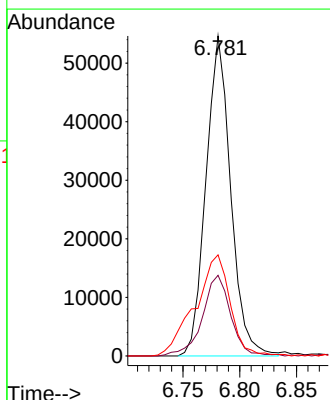
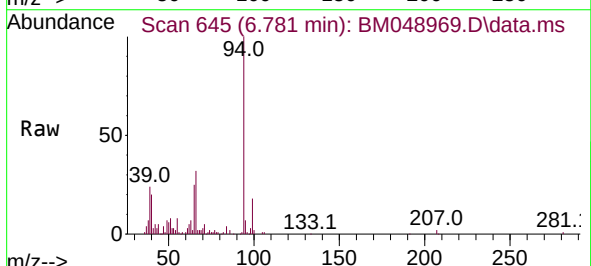
Manual Integrations
APPROVED

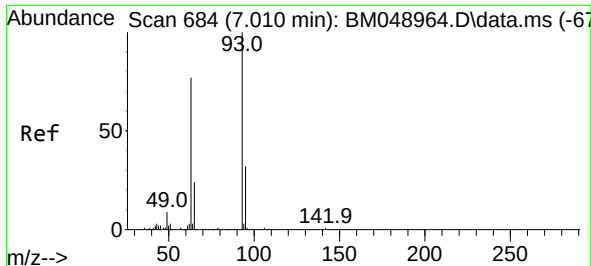
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#8
Phenol
Concen: 3.905 ng/ul
RT: 6.781 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion: 94 Resp: 82761
Ion Ratio Lower Upper
94 100
65 25.2 22.1 33.1
66 31.6 24.9 37.3





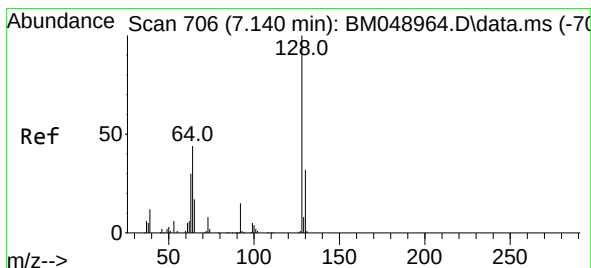
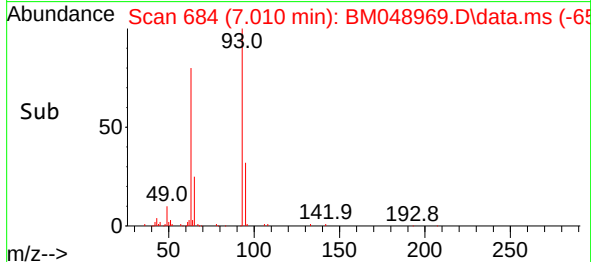
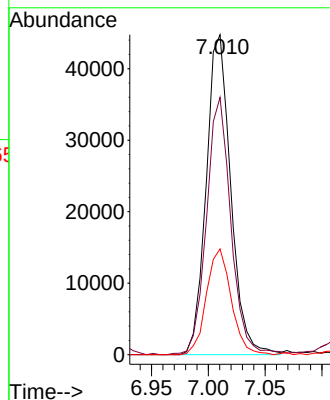
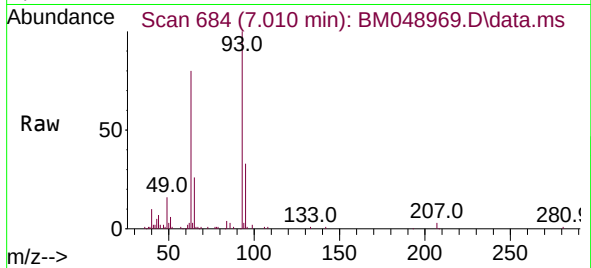
#10
Bis(2-Chloroethyl)ether
Concen: 4.018 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion: 93 Resp: 6733
Ion Ratio Lower Upper
93 100
63 80.4 62.9 94.3
95 33.0 26.2 39.2

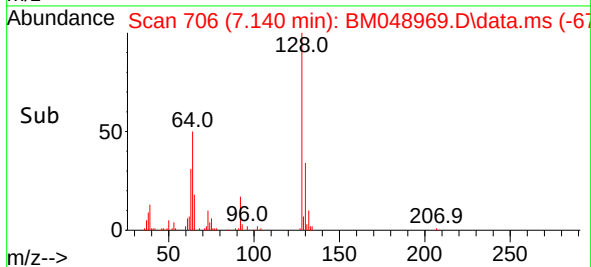
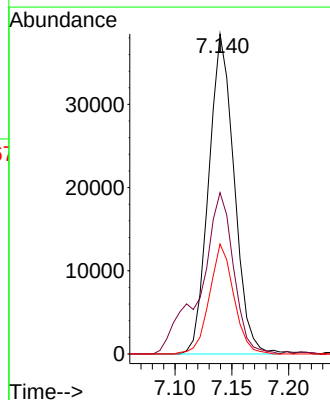
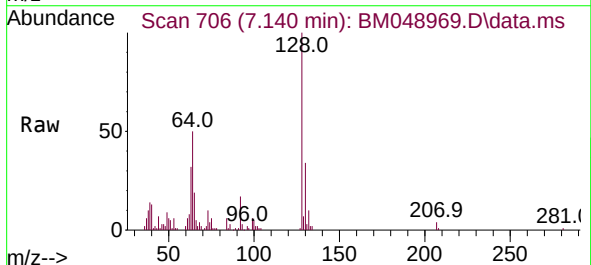
Manual Integrations
APPROVED

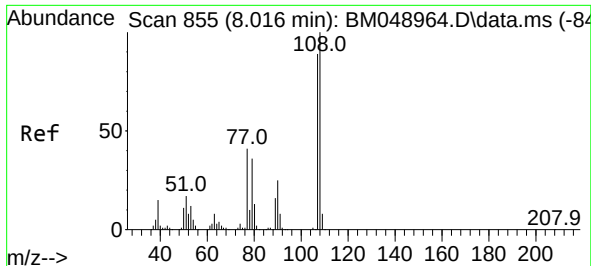
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#12
2-Chlorophenol
Concen: 3.983 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:128 Resp: 59994
Ion Ratio Lower Upper
128 100
64 50.4 40.8 61.2
130 34.3 26.1 39.1





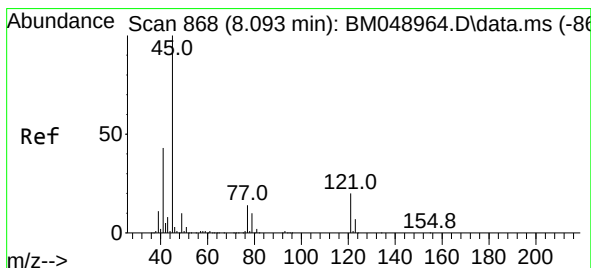
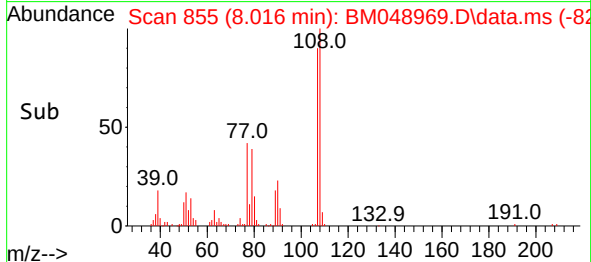
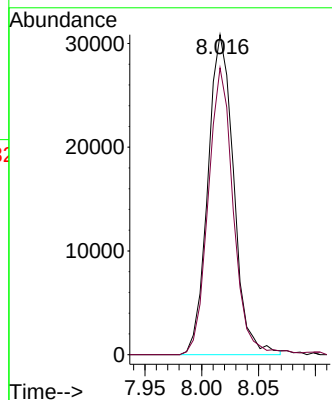
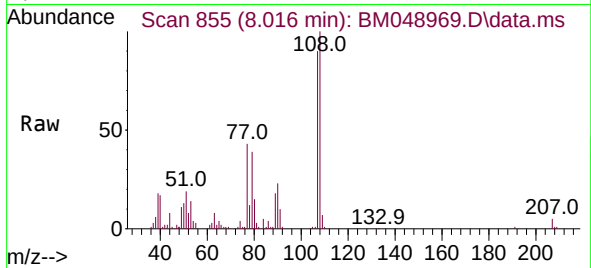
#13
2-Methylphenol
Concen: 3.354 ng/ul
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 4878
Ion Ratio Lower Upper
108 100
107 89.7 70.7 106.1

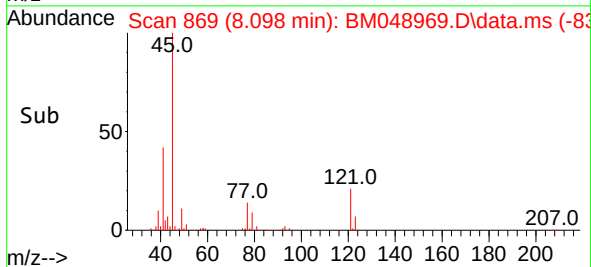
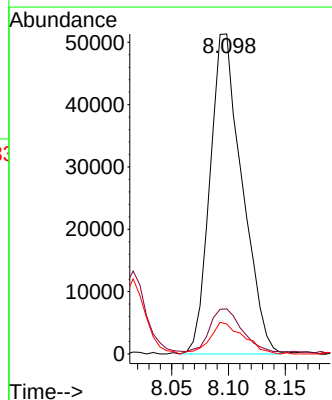
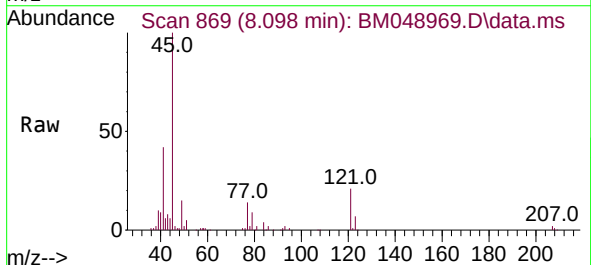
Manual Integrations
APPROVED

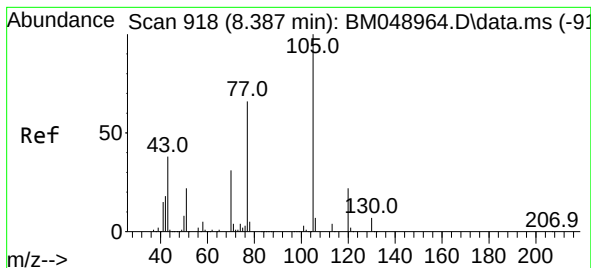
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.078 ng/ul
RT: 8.098 min Scan# 869
Delta R.T. 0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion: 45 Resp: 101143
Ion Ratio Lower Upper
45 100
77 14.1 10.6 16.0
79 9.3 8.5 12.7





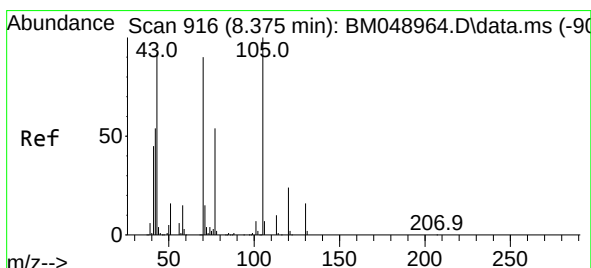
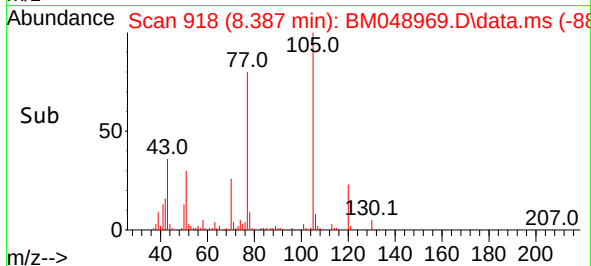
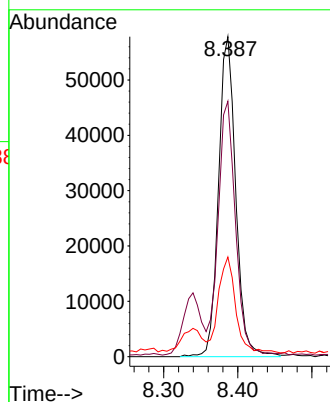
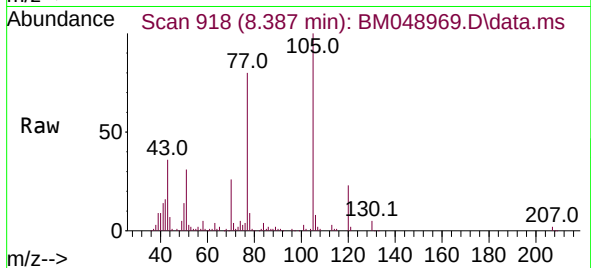
#16
Acetophenone
Concen: 3.784 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:105 Resp: 9343
Ion Ratio Lower Upper
105 100
77 79.8 64.2 96.2
51 31.2 23.7 35.5

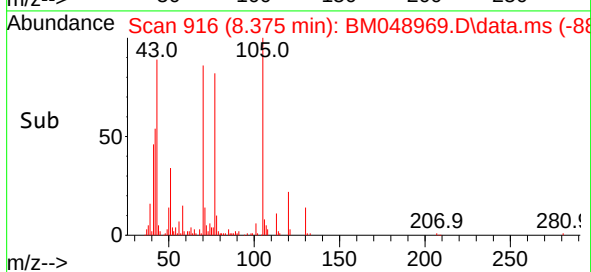
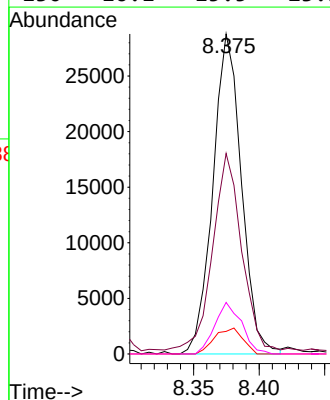
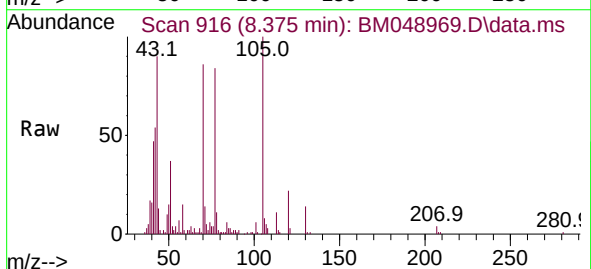
Manual Integrations
APPROVED

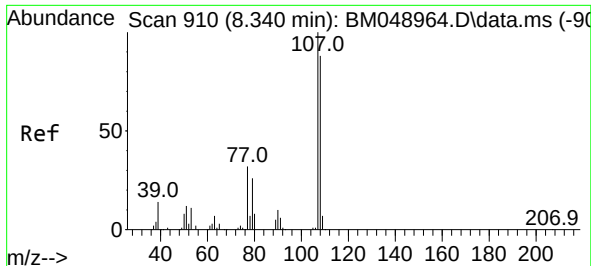
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.617 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion: 70 Resp: 43531
Ion Ratio Lower Upper
70 100
42 62.7 49.6 74.4
101 7.1 6.9 10.3
130 16.1 15.5 23.3





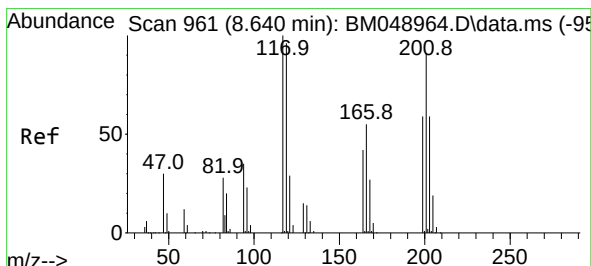
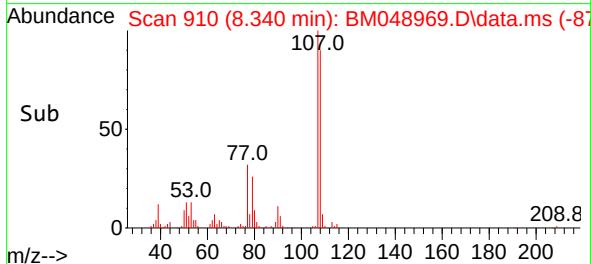
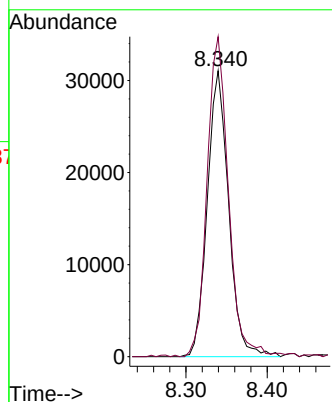
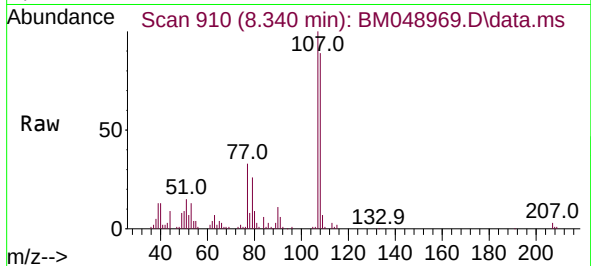
#18
4-Methylphenol
Concen: 3.549 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:108 Resp: 56735
Ion Ratio Lower Upper
108 100
107 111.9 89.4 134.0

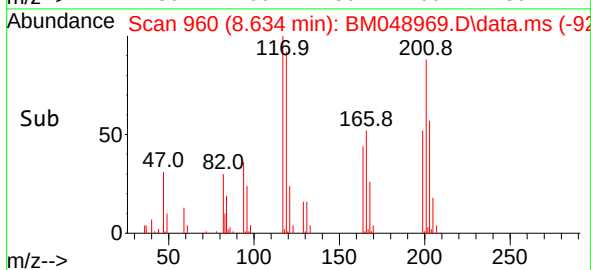
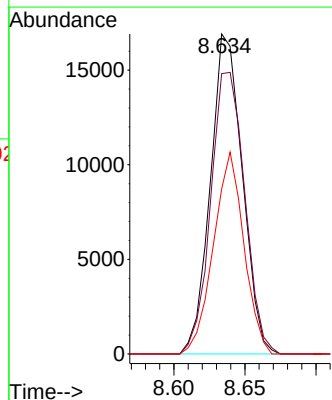
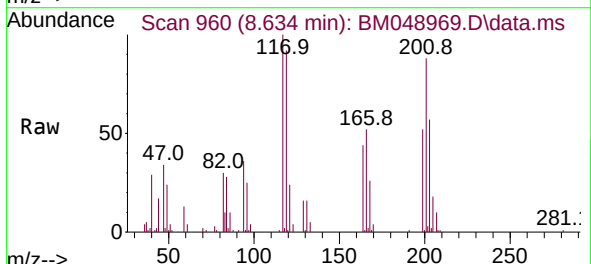
Manual Integrations
APPROVED

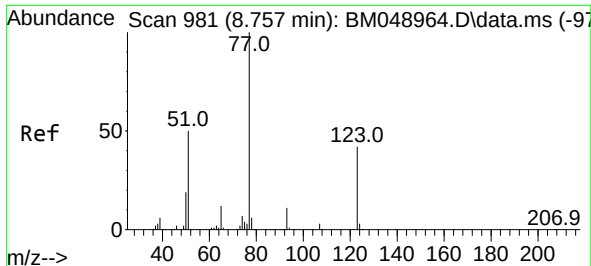
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#19
Hexachloroethane
Concen: 4.067 ng/ul
RT: 8.634 min Scan# 960
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

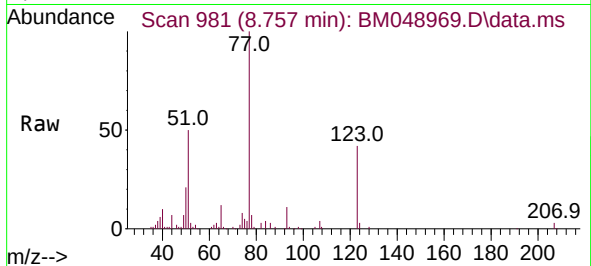
Tgt Ion:117 Resp: 26477
Ion Ratio Lower Upper
117 100
201 87.6 72.2 108.4
199 51.6 45.6 68.4





#22
Nitrobenzene
Concen: 4.133 ng/ul
RT: 8.757 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

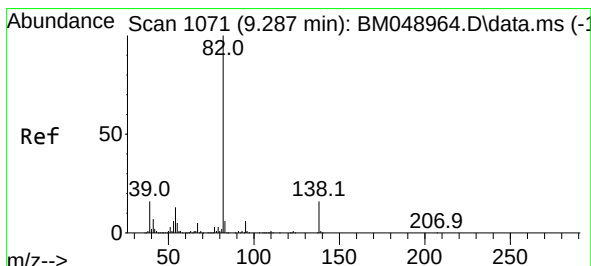
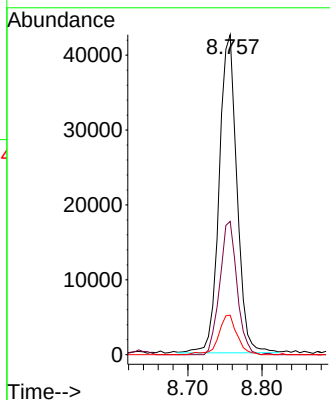
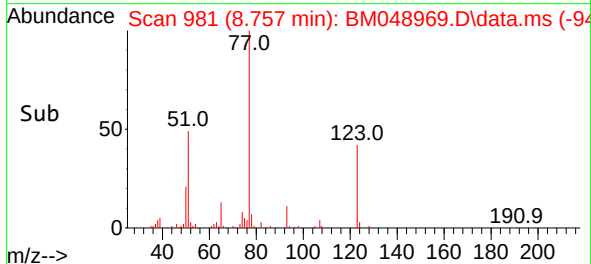
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



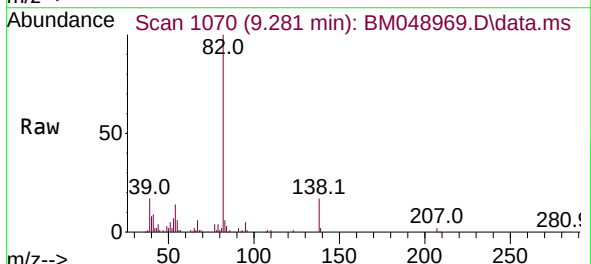
Tgt Ion: 77 Resp: 70799
Ion Ratio Lower Upper
77 100
123 41.7 34.3 51.5
65 12.4 10.0 15.0

Manual Integrations
APPROVED

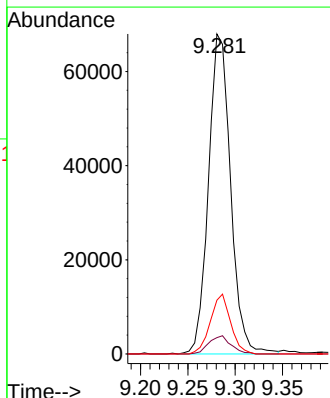
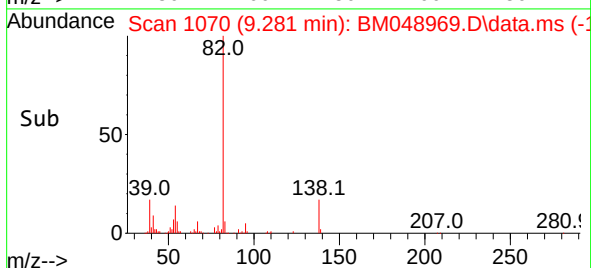
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

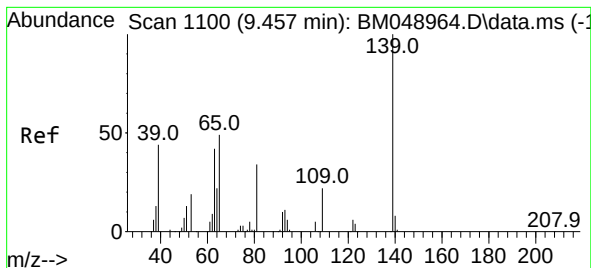


#23
Isophorone
Concen: 3.642 ng/ul
RT: 9.281 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00



Tgt Ion: 82 Resp: 110308
Ion Ratio Lower Upper
82 100
95 5.1 4.7 7.1
138 16.8 13.7 20.5





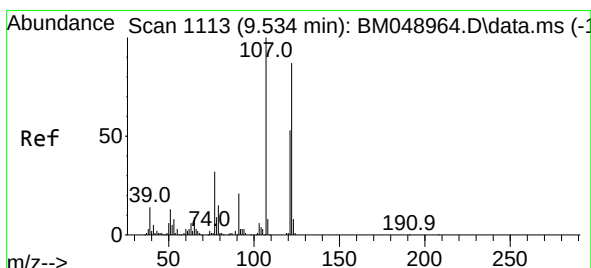
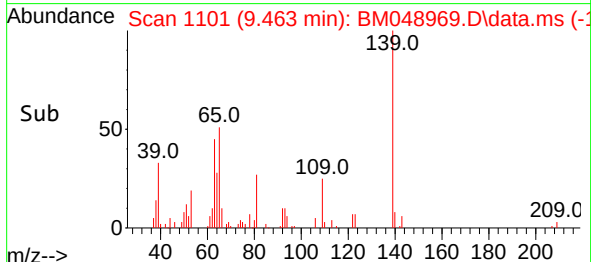
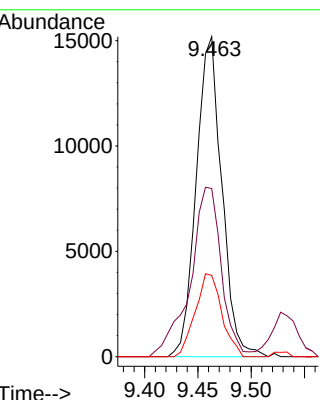
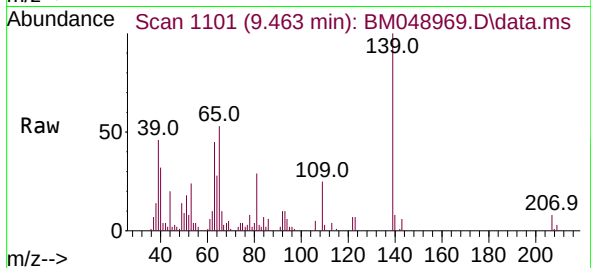
#25
2-Nitrophenol
Concen: 3.729 ng/ul
RT: 9.463 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:139 Resp: 25408
Ion Ratio Lower Upper
139 100
65 52.5 41.4 62.0
109 25.4 17.8 26.6

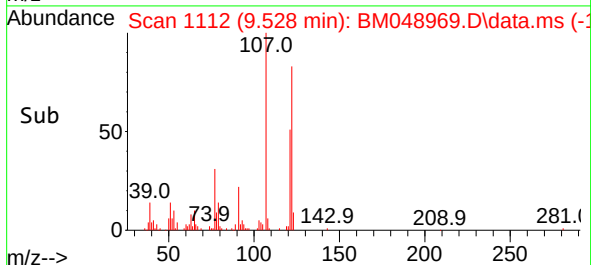
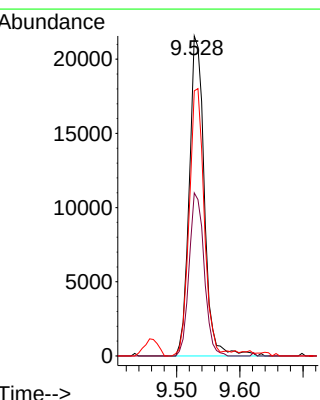
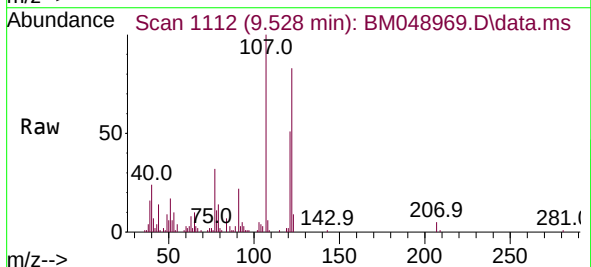
Manual Integrations
APPROVED

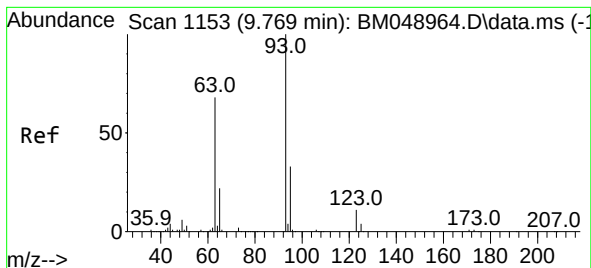
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#26
2,4-Dimethylphenol
Concen: 2.531 ng/ul m
RT: 9.528 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:107 Resp: 35812
Ion Ratio Lower Upper
107 100
121 51.0 40.2 60.4
122 82.9 68.6 102.8





#27

Bis(2-Chloroethoxy)methane

Concen: 3.893 ng/ul

RT: 9.769 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

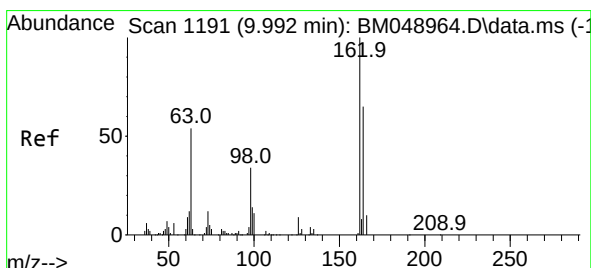
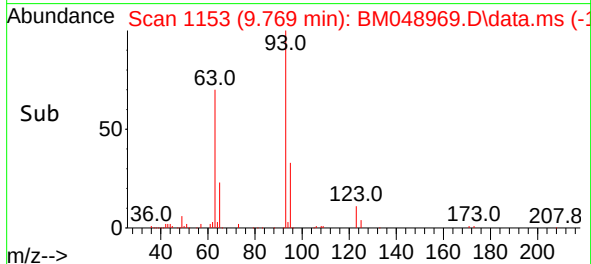
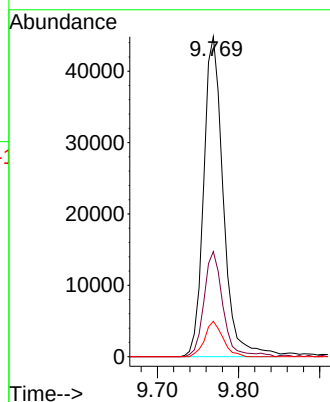
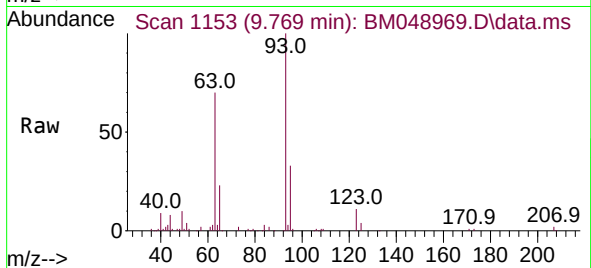
Tgt Ion:	93	Resp:	75370
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.6	40.0
123	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#29

2,4-Dichlorophenol

Concen: 3.878 ng/ul

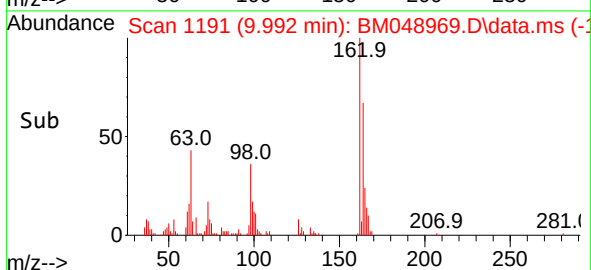
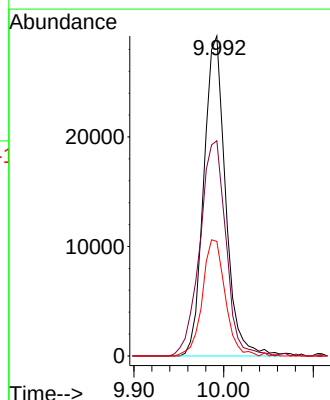
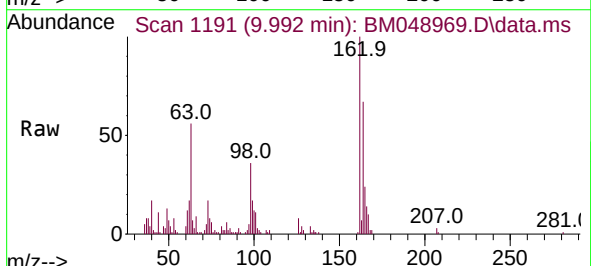
RT: 9.992 min Scan# 1191

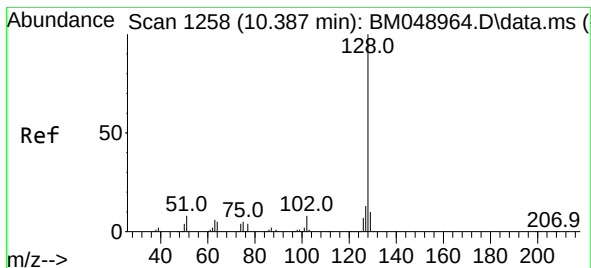
Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

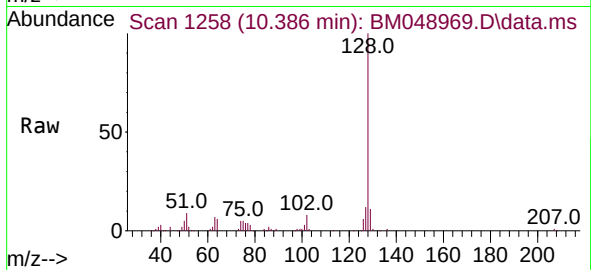
Tgt Ion:	162	Resp:	49274
Ion Ratio	Lower	Upper	
162	100		
164	67.2	50.5	75.7
98	35.8	28.3	42.5





#30
Naphthalene
Concen: 4.069 ng/ul
RT: 10.386 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

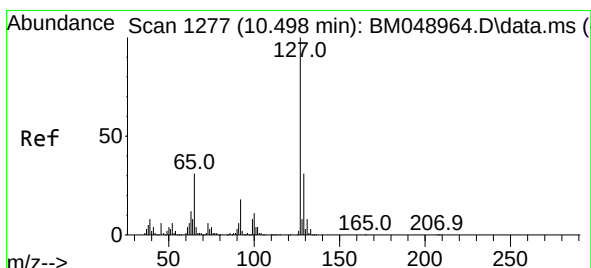
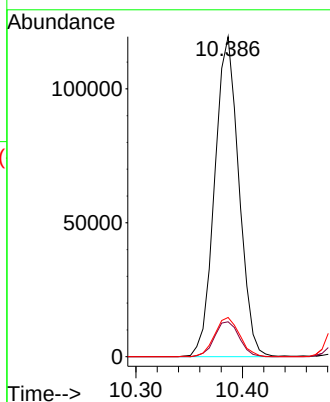
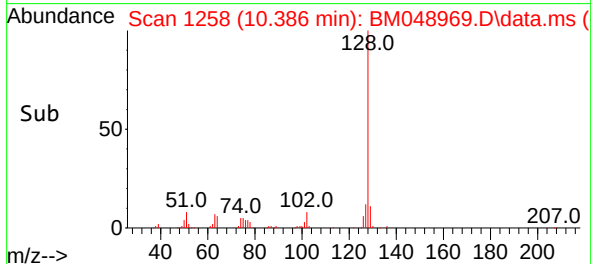
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:128 Resp: 18835
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.3 10.1 15.1

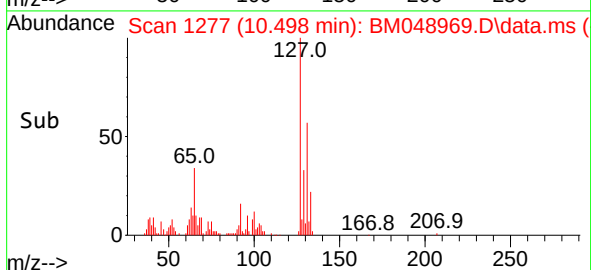
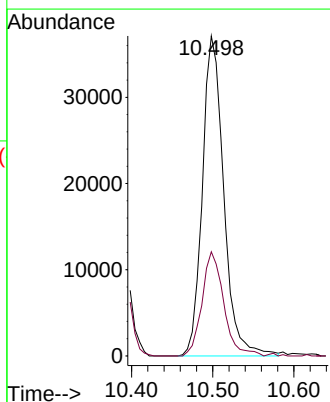
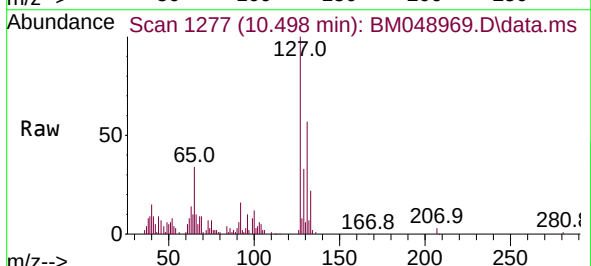
Manual Integrations
APPROVED

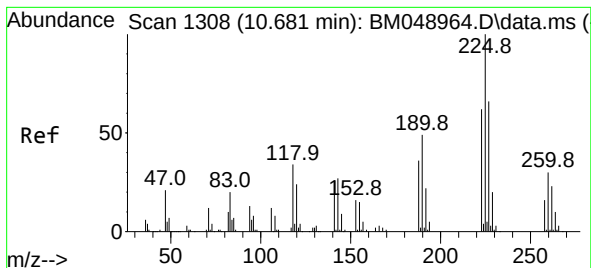
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#32
4-Chloroaniline
Concen: 3.675 ng/ul
RT: 10.498 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

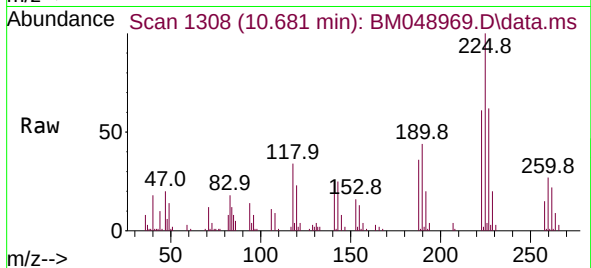
Tgt Ion:127 Resp: 67796
Ion Ratio Lower Upper
127 100
129 32.5 26.5 39.7





#33
Hexachlorobutadiene
Concen: 3.985 ng/ul
RT: 10.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

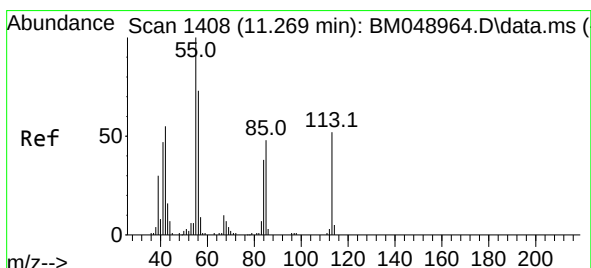
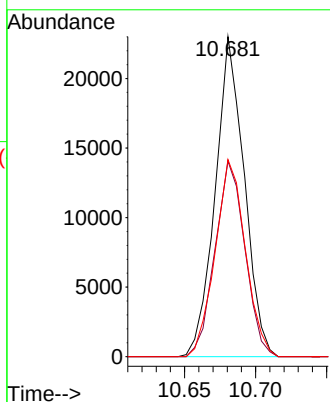
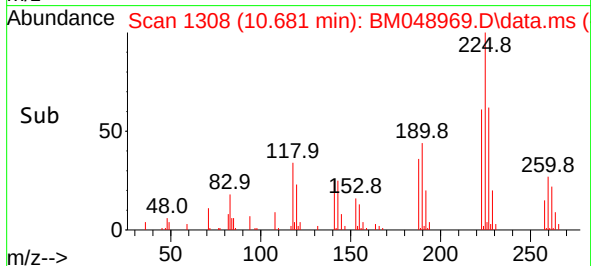
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:225 Resp: 3268
Ion Ratio Lower Upper
225 100
223 61.1 48.9 73.3
227 61.6 50.9 76.3

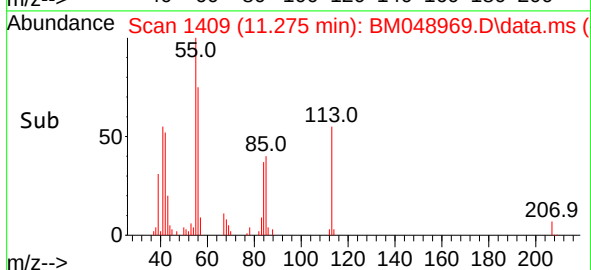
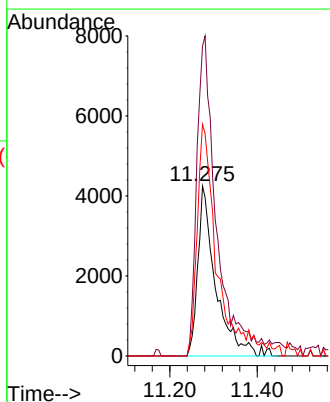
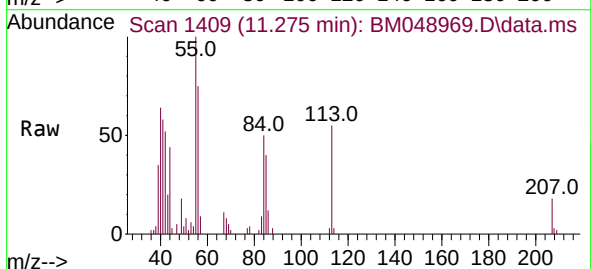
Manual Integrations
APPROVED

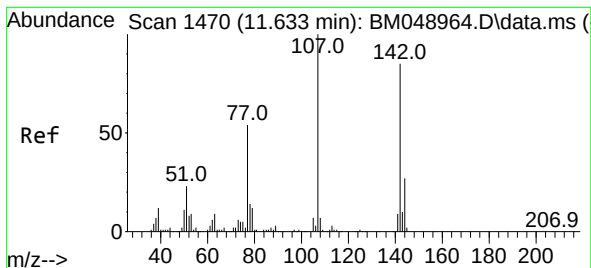
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#34
Caprolactam
Concen: 3.024 ng/ul m
RT: 11.275 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:113 Resp: 12105
Ion Ratio Lower Upper
113 100
55 182.2 143.5 215.3
56 136.3 96.9 145.3





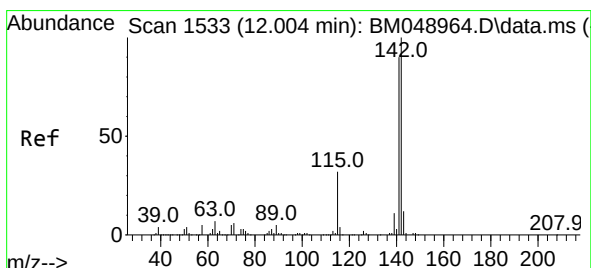
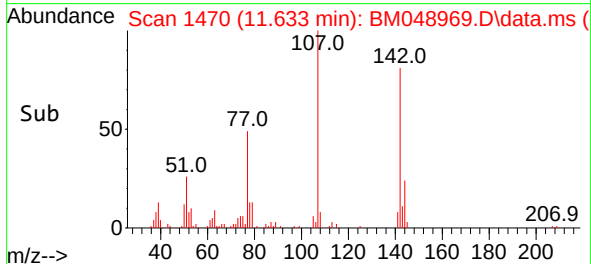
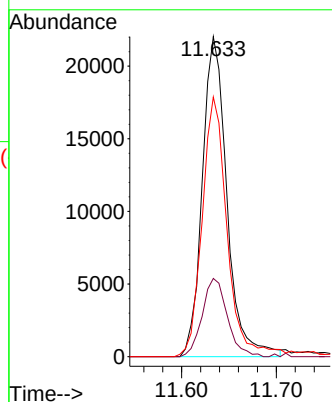
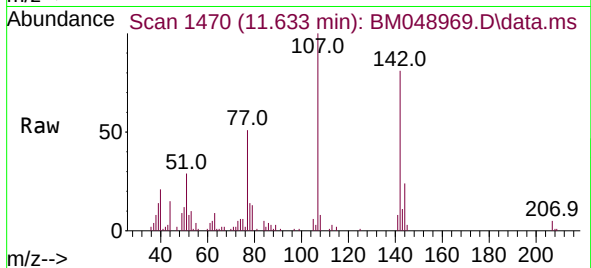
#35
4-Chloro-3-methylphenol
Concen: 3.272 ng/ul
RT: 11.633 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	22.2	33.4
142	81.2	66.6	99.8

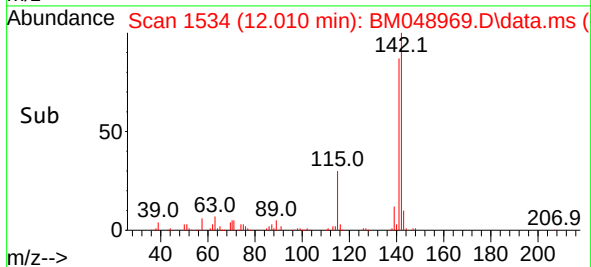
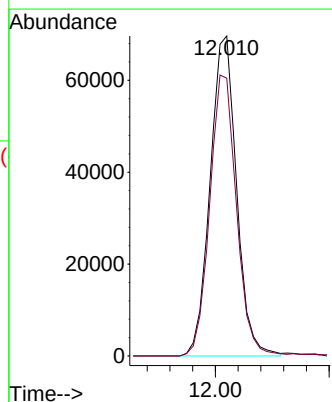
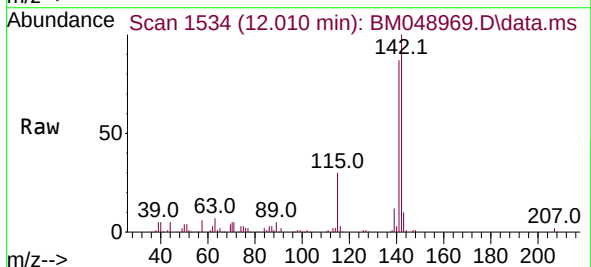
Manual Integrations
APPROVED

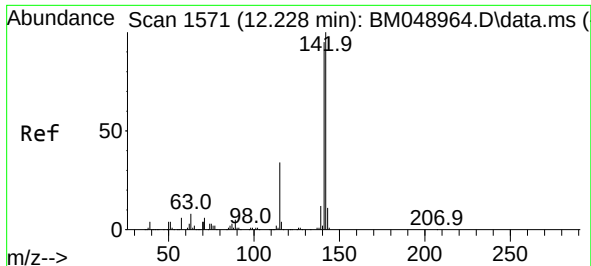
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#36
2-Methylnaphthalene
Concen: 3.833 ng/ul
RT: 12.010 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.9	106.3





#37

1-Methylnaphthalene

Concen: 3.597 ng/ul

RT: 12.228 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BM048969.D

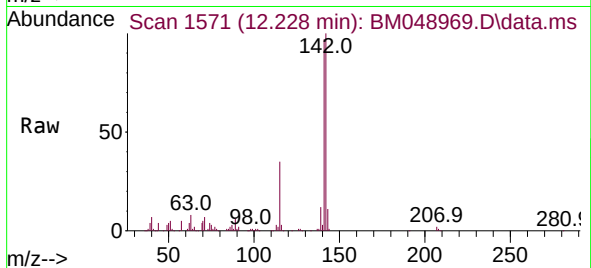
Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07



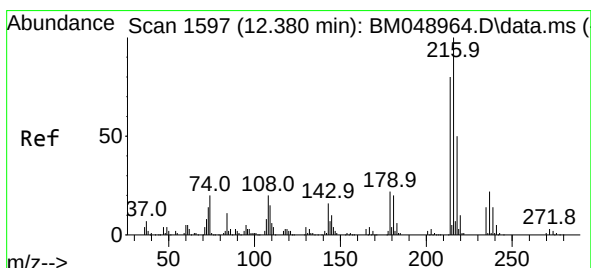
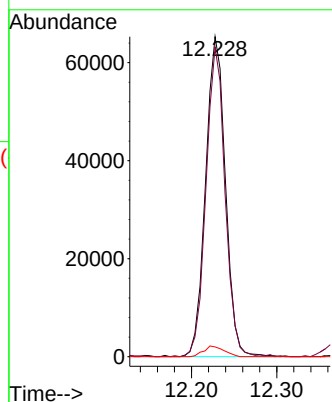
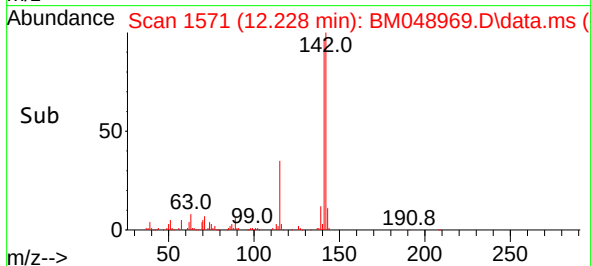
Tgt Ion:	142	Resp:	10539
Ion Ratio	Lower	Upper	
142	100		
141	96.8	75.1	112.7
116	3.1	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.004 ng/ul

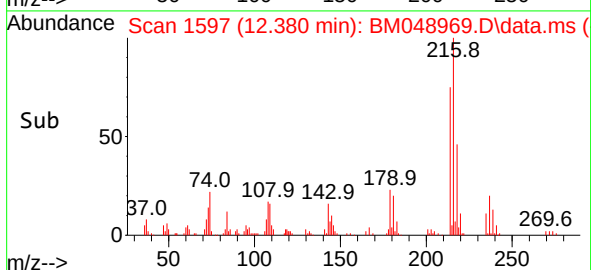
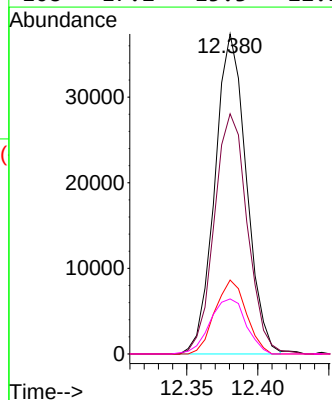
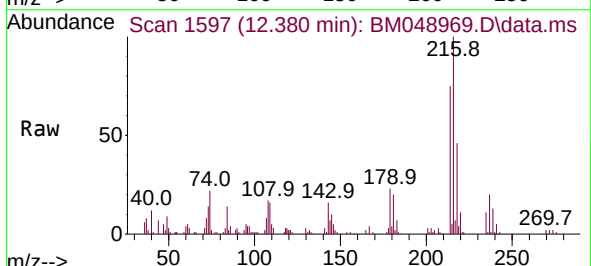
RT: 12.380 min Scan# 1597

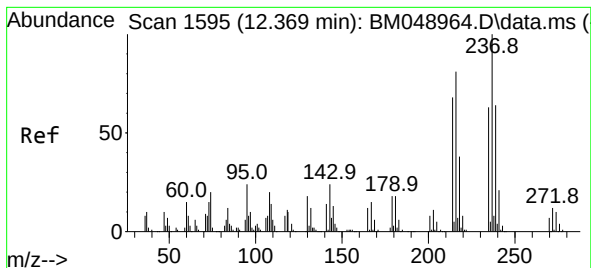
Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:	216	Resp:	57637
Ion Ratio	Lower	Upper	
216	100		
214	75.0	63.7	95.5
179	23.1	17.8	26.8
108	17.2	15.3	22.9





#40

Hexachlorocyclopentadiene

Concen: 2.982 ng/ul

RT: 12.369 min Scan# 1595

Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

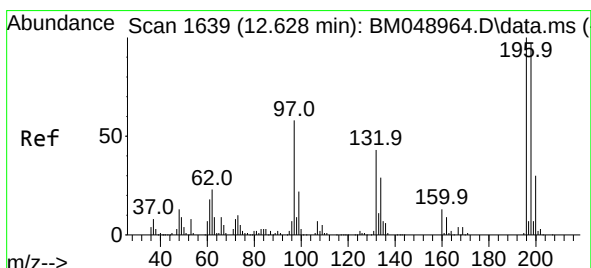
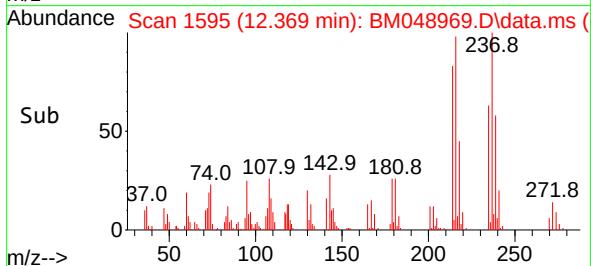
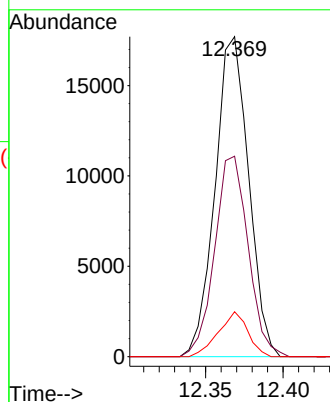
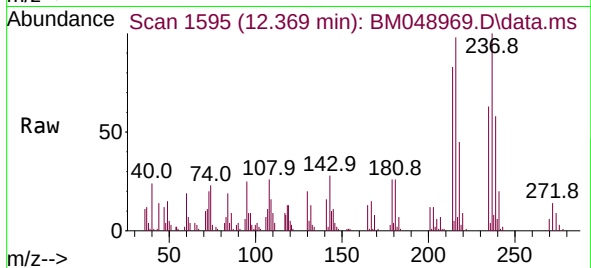
Tgt Ion:	237	Resp:	2665
Ion Ratio	Lower	Upper	
237	100		
235	57.7	50.5	75.7
272	13.0	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#41

2,4,6-Trichlorophenol

Concen: 3.180 ng/ul

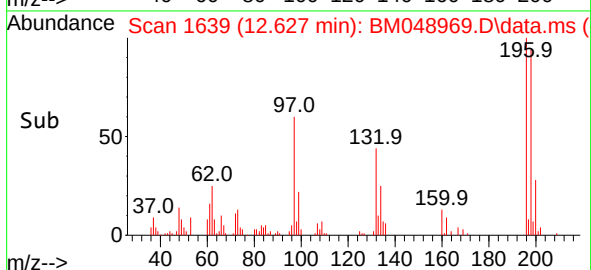
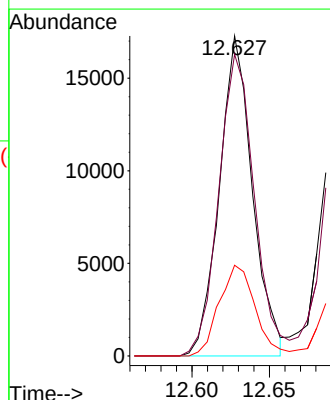
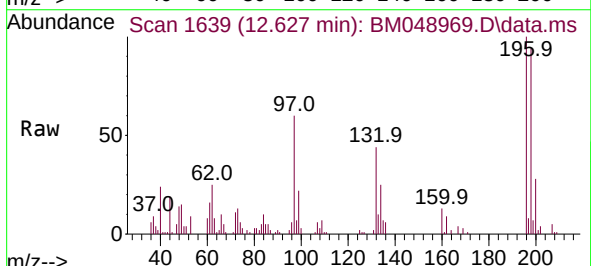
RT: 12.627 min Scan# 1639

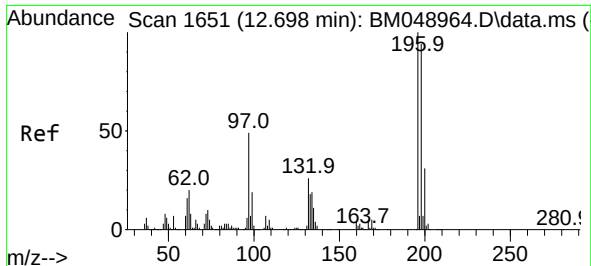
Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

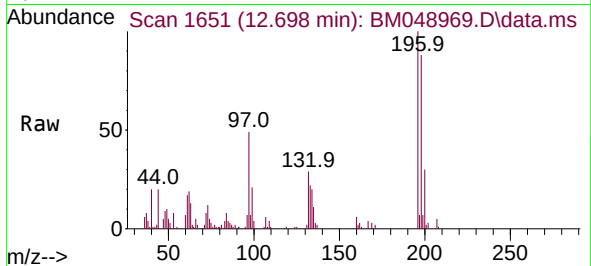
Tgt Ion:	196	Resp:	25682
Ion Ratio	Lower	Upper	
196	100		
198	94.2	77.9	116.9
200	28.4	25.0	37.6





#42
2,4,5-Trichlorophenol
Concen: 3.313 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

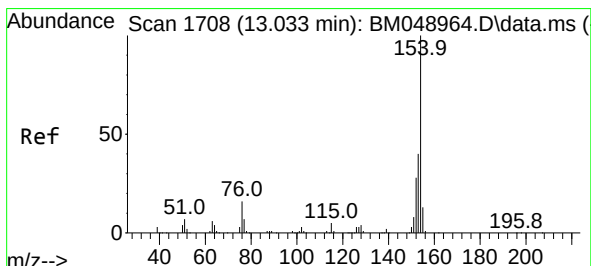
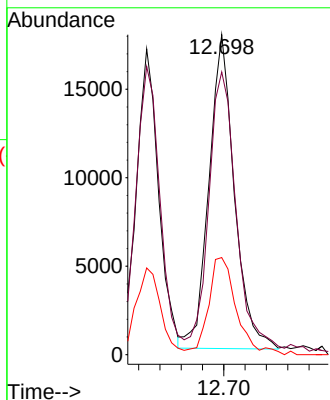
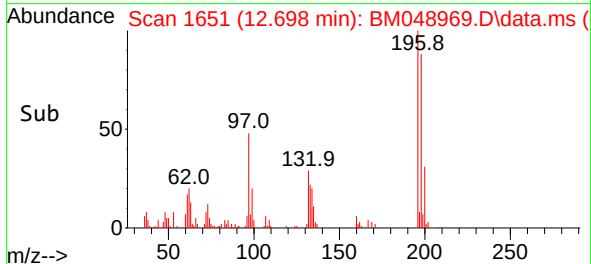
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



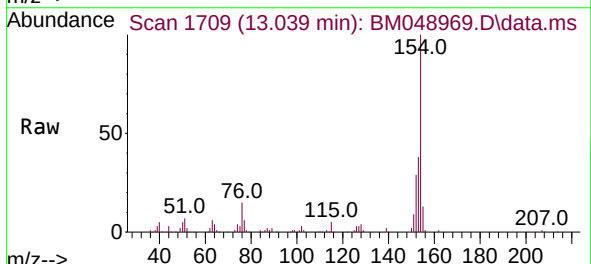
Tgt Ion:	196	Resp:	2945
Ion Ratio	Lower	Upper	
196	100		
198	88.4	75.4	113.0
200	30.3	24.4	36.6

Manual Integrations
APPROVED

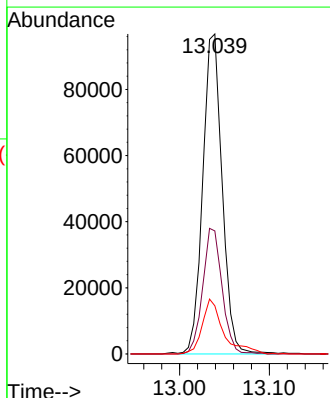
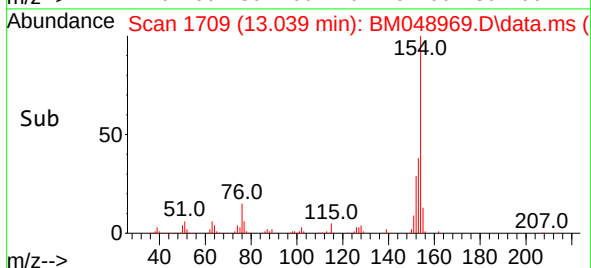
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

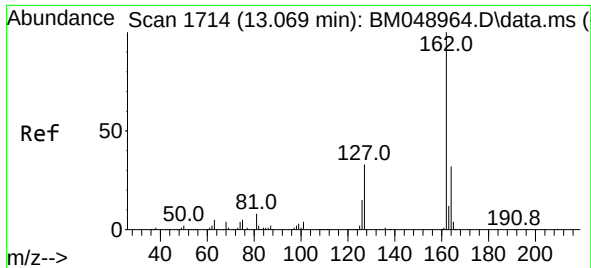


#43
1,1'-Biphenyl
Concen: 4.091 ng/ul
RT: 13.039 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00



Tgt Ion:	154	Resp:	145620
Ion Ratio	Lower	Upper	
154	100		
153	38.4	31.4	47.0
76	15.1	12.2	18.4





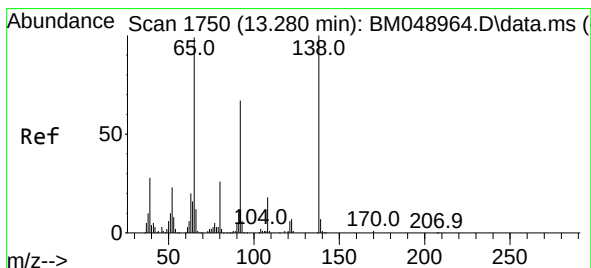
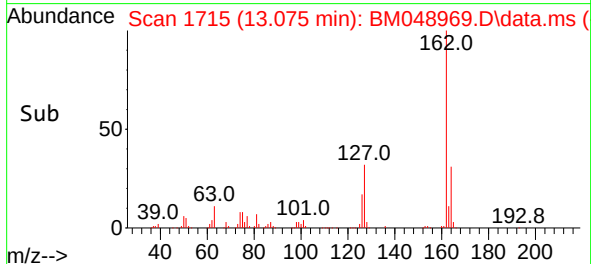
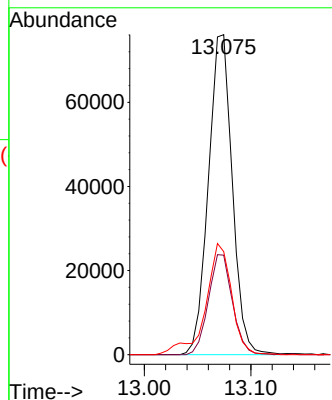
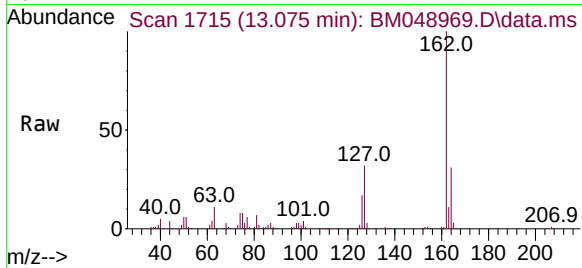
#44
2-Chloronaphthalene
Concen: 4.192 ng/ul
RT: 13.075 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:162 Resp: 118560
Ion Ratio Lower Upper
162 100
164 31.1 26.2 39.2
127 32.2 28.6 42.8

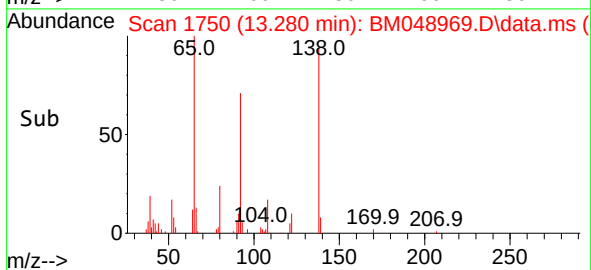
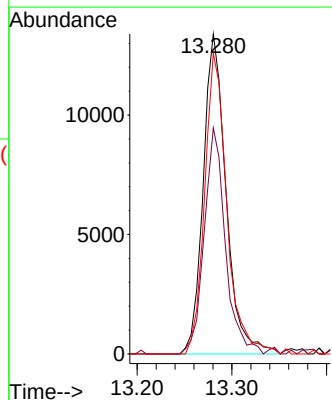
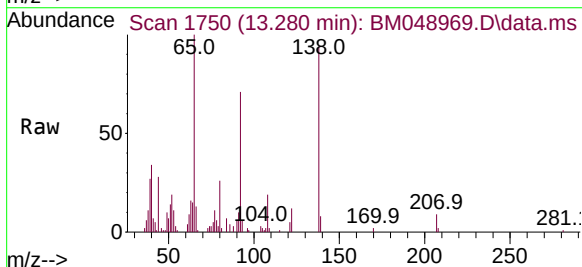
Manual Integrations
APPROVED

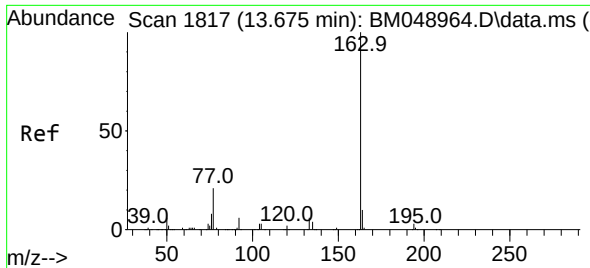
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#45
2-Nitroaniline
Concen: 3.087 ng/ul
RT: 13.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

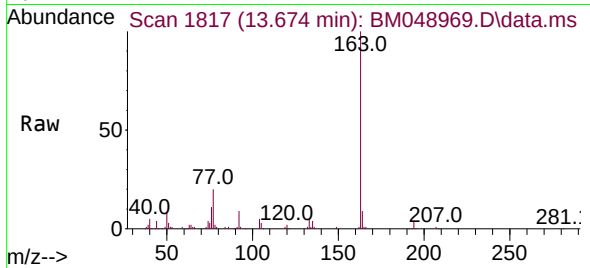
Tgt Ion: 65 Resp: 22400
Ion Ratio Lower Upper
65 100
92 70.6 54.6 81.8
138 93.9 76.1 114.1





#47
Dimethylphthalate
Concen: 3.878 ng/ul
RT: 13.674 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

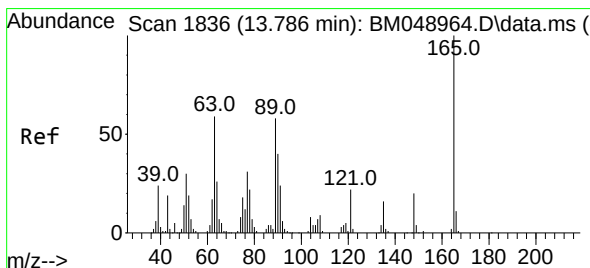
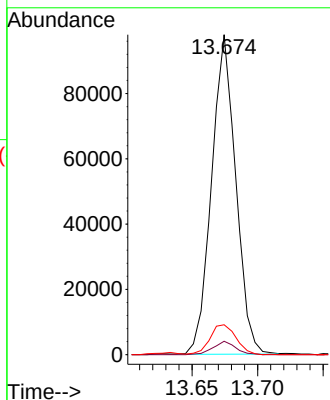
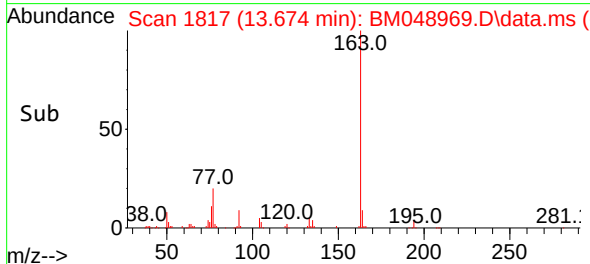
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:163 Resp: 12562
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1
164 9.3 8.2 12.2

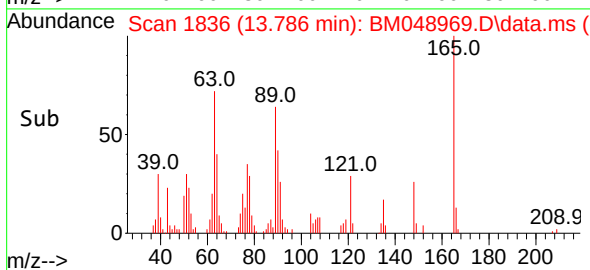
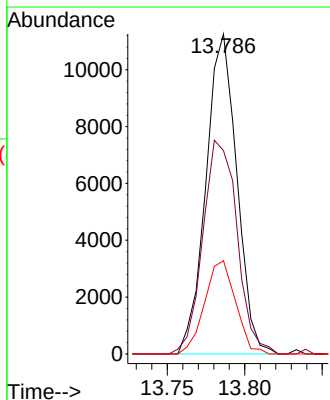
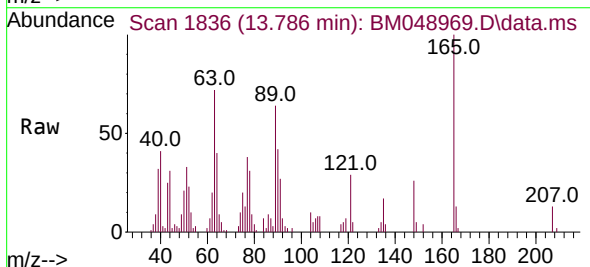
Manual Integrations
APPROVED

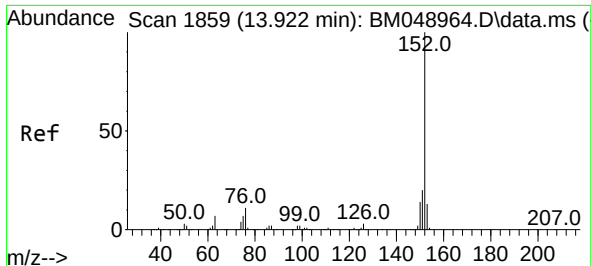
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#48
2,6-Dinitrotoluene
Concen: 2.860 ng/ul
RT: 13.786 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

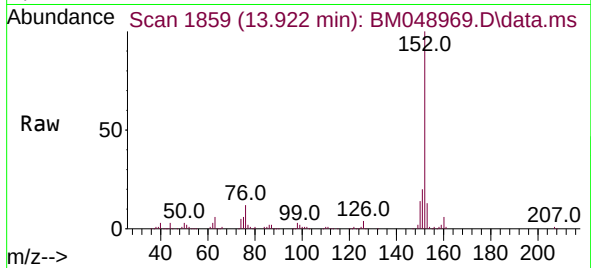
Tgt Ion:165 Resp: 15624
Ion Ratio Lower Upper
165 100
89 63.6 52.4 78.6
121 29.2 18.0 27.0#





#50
Acenaphthylene
Concen: 4.156 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

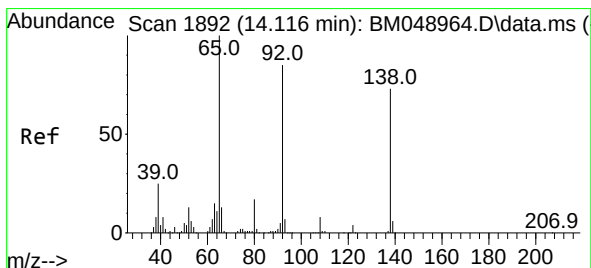
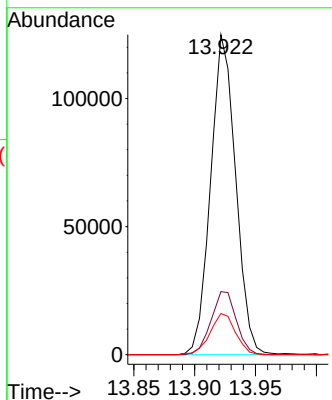
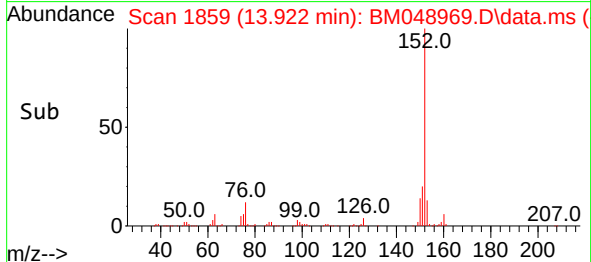
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:152 Resp: 17878
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 12.9 10.3 15.5

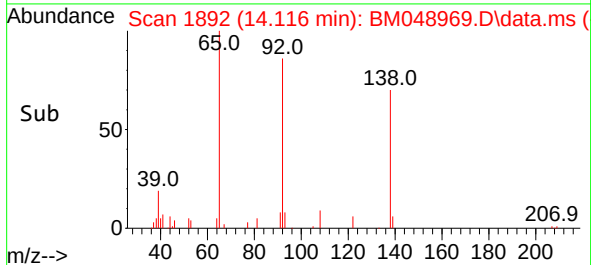
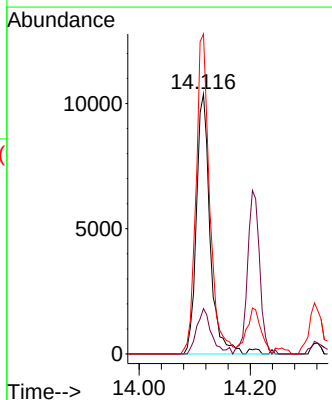
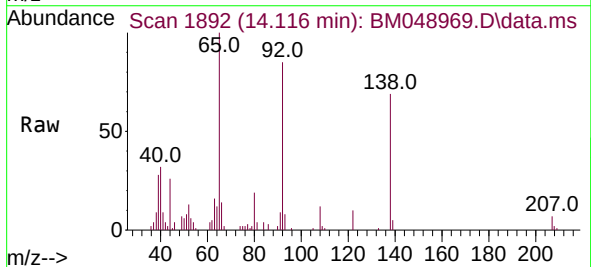
Manual Integrations
APPROVED

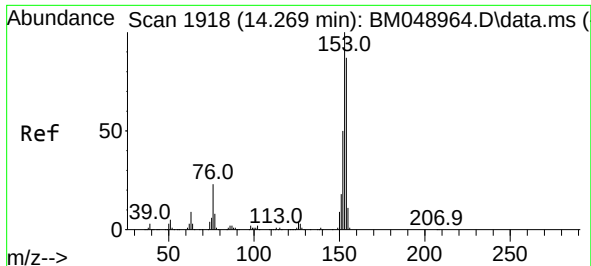
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#51
3-Nitroaniline
Concen: 2.816 ng/ul m
RT: 14.116 min Scan# 1892
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

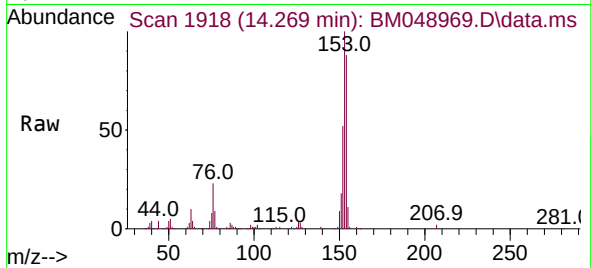
Tgt Ion:138 Resp: 17917
Ion Ratio Lower Upper
138 100
108 17.5 8.6 13.0#
92 123.2 93.8 140.6





#52
Acenaphthene
Concen: 3.862 ng/ul
RT: 14.269 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

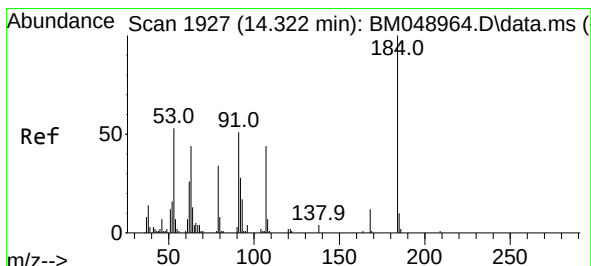
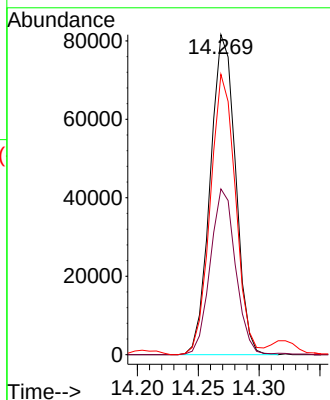
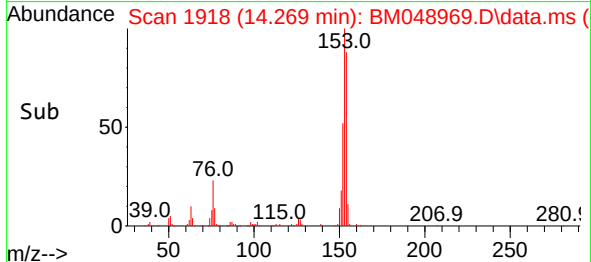
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



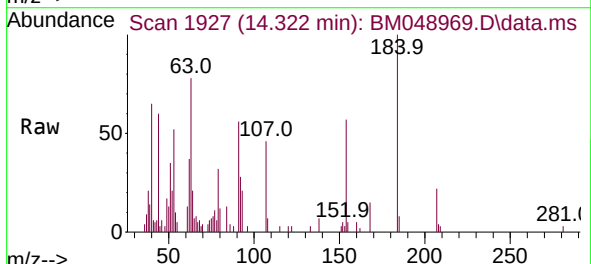
Tgt Ion:153 Resp: 117859
Ion Ratio Lower Upper
153 100
152 51.8 39.1 58.7
154 87.6 69.1 103.7

Manual Integrations
APPROVED

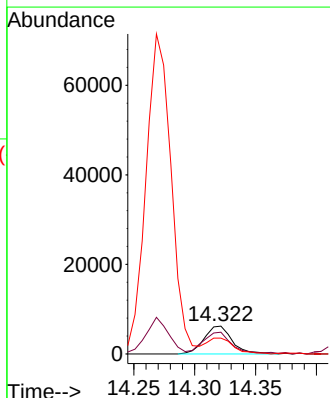
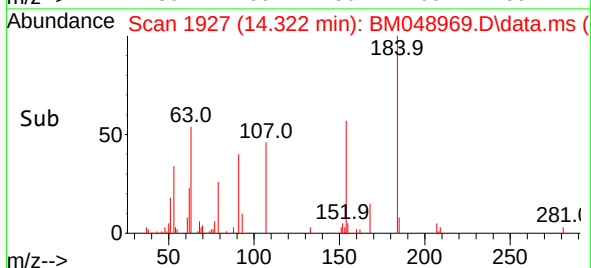
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

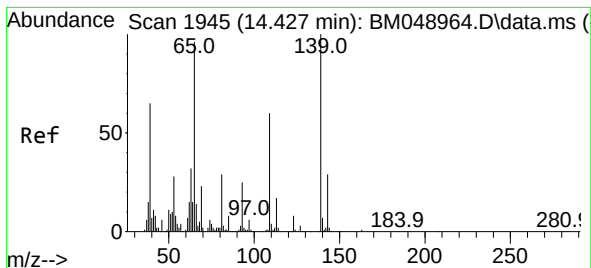


#53
2,4-Dinitrophenol
Concen: 3.476 ng/ul
RT: 14.322 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00



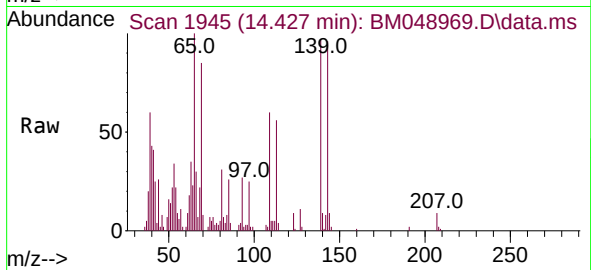
Tgt Ion:184 Resp: 9918
Ion Ratio Lower Upper
184 100
63 78.1 61.2 91.8
154 57.1 48.6 73.0





#55
4-Nitrophenol
Concen: 3.640 ng/ul m
RT: 14.427 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

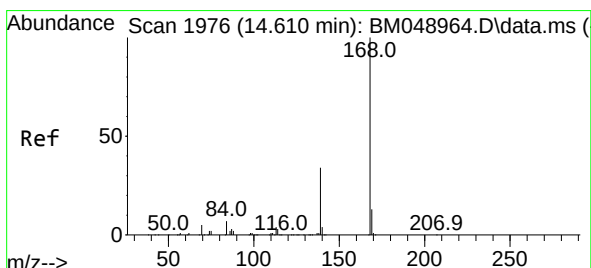
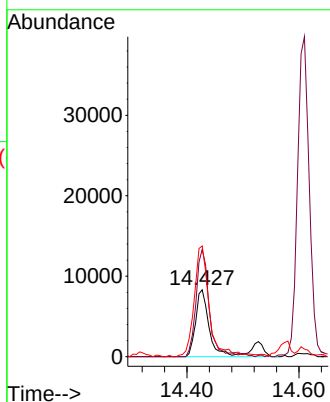
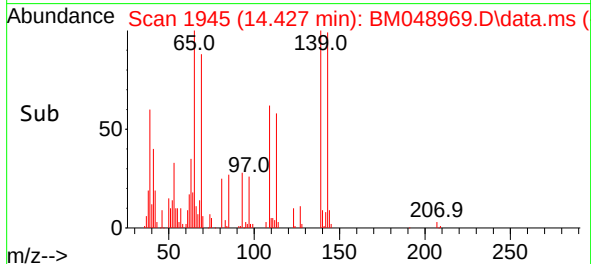
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:109 Resp: 1654
Ion Ratio Lower Upper
109 100
139 160.3 133.8 200.6
65 165.3 132.3 198.5

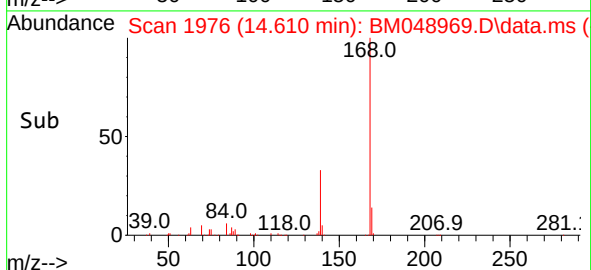
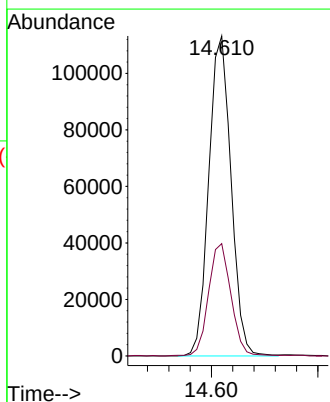
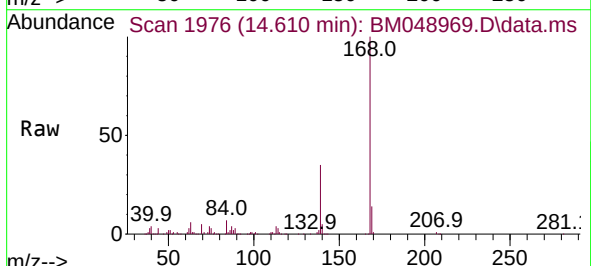
Manual Integrations
APPROVED

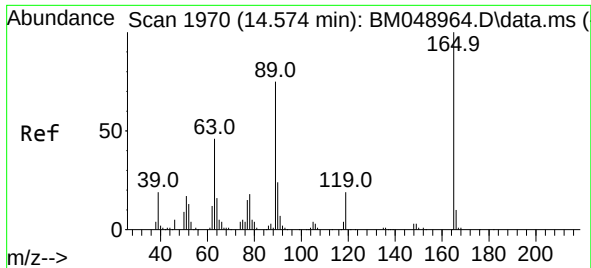
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#56
Dibenzofuran
Concen: 3.995 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:168 Resp: 164100
Ion Ratio Lower Upper
168 100
139 35.1 27.6 41.4





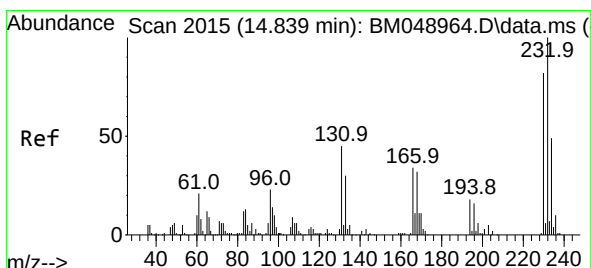
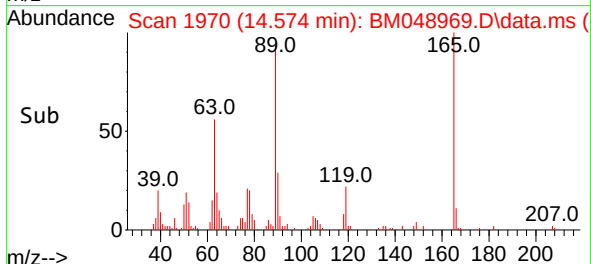
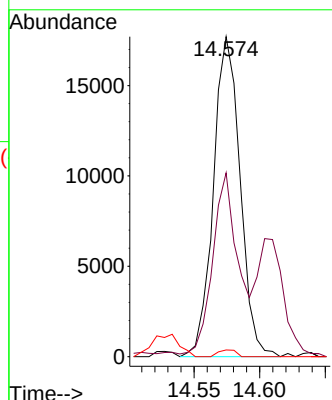
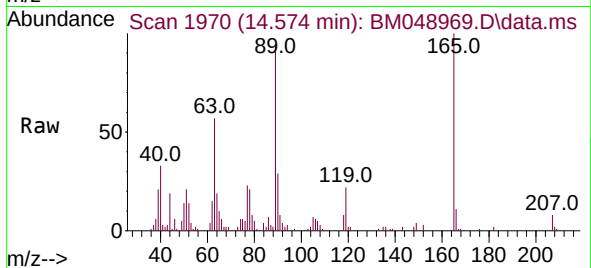
#57
2,4-Dinitrotoluene
Concen: 3.101 ng/ul
RT: 14.574 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:165 Resp: 2504
Ion Ratio Lower Upper
165 100
63 57.4 40.9 61.3
182 2.1 2.0 3.0

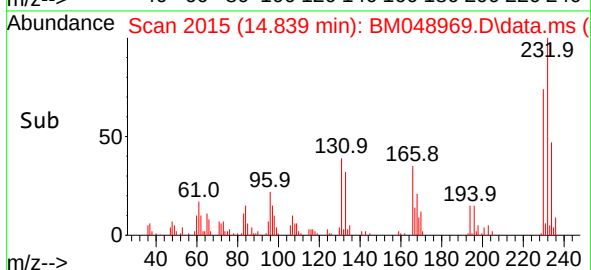
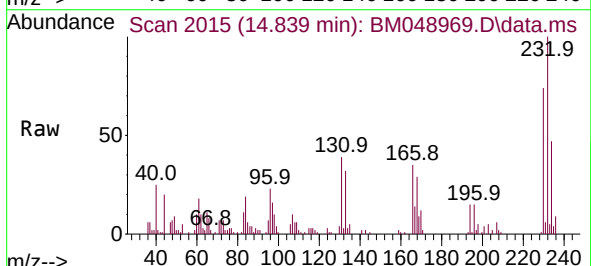
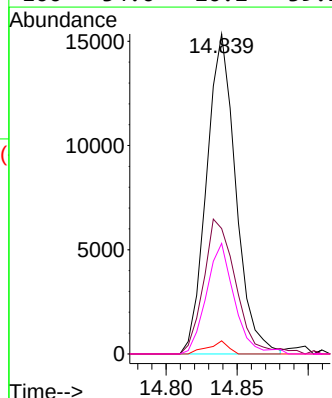
Manual Integrations
APPROVED

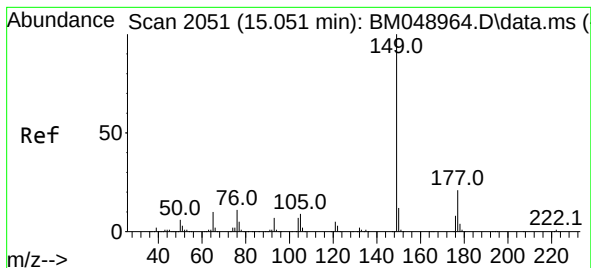
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.374 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

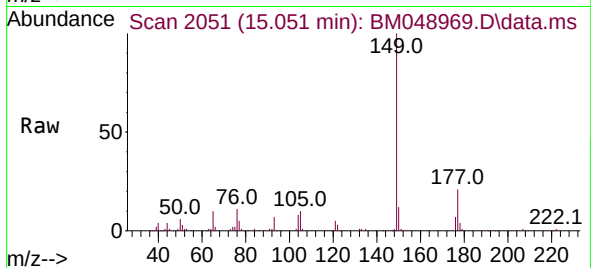
Tgt Ion:232 Resp: 21954
Ion Ratio Lower Upper
232 100
131 39.2 39.3 58.9#
130 4.1 2.3 3.5#
166 34.6 26.2 39.2





#59
Diethylphthalate
Concen: 3.628 ng/ul
RT: 15.051 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

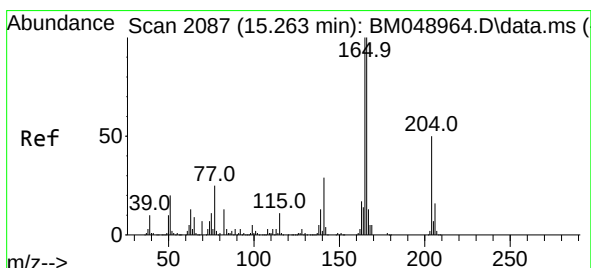
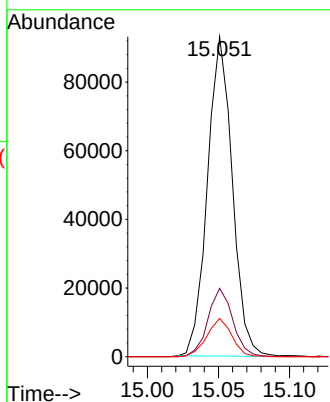
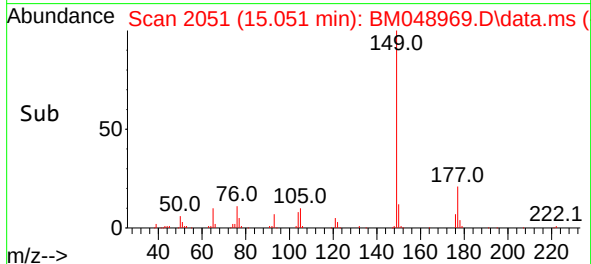
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



Tgt Ion:149 Resp: 113190
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 11.9 9.4 14.2

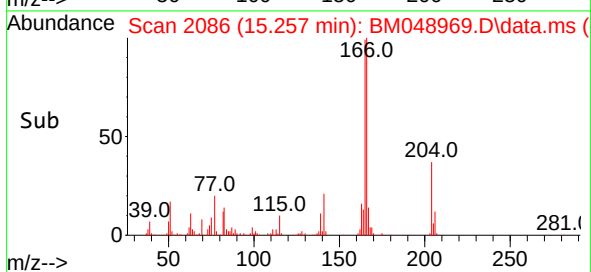
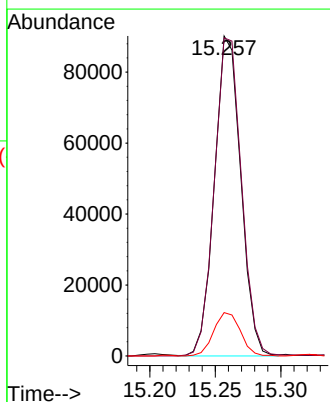
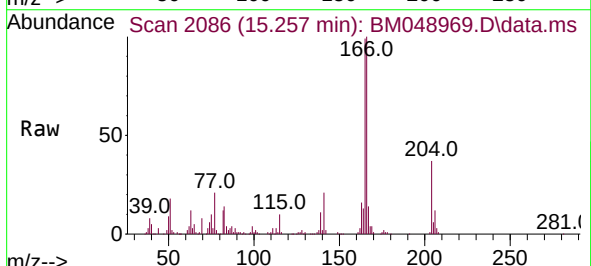
Manual Integrations
APPROVED

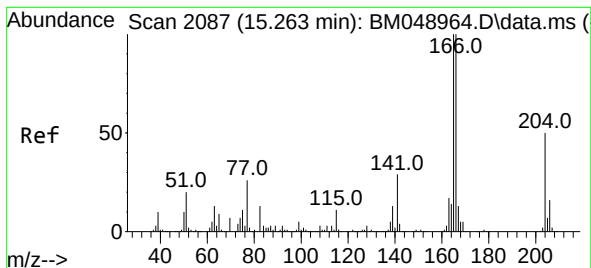
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#61
Fluorene
Concen: 3.712 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:166 Resp: 126068
Ion Ratio Lower Upper
166 100
165 99.4 79.8 119.6
167 13.5 10.6 15.8





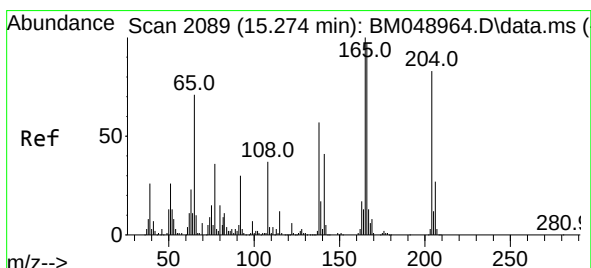
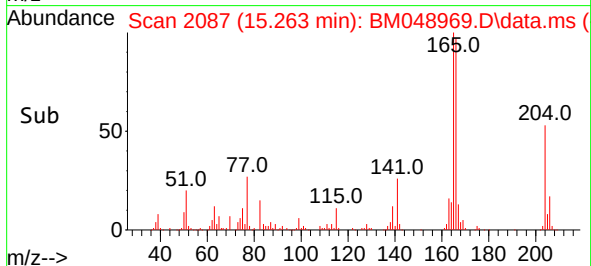
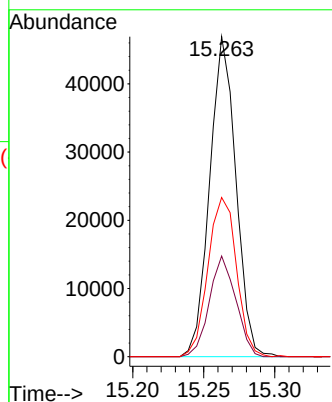
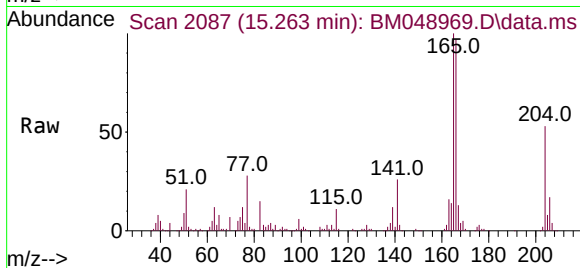
#62
4-Chlorophenyl-phenylether
Concen: 3.658 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:204 Resp: 60190
Ion Ratio Lower Upper
204 100
206 31.5 26.4 39.6
141 49.8 42.2 63.2

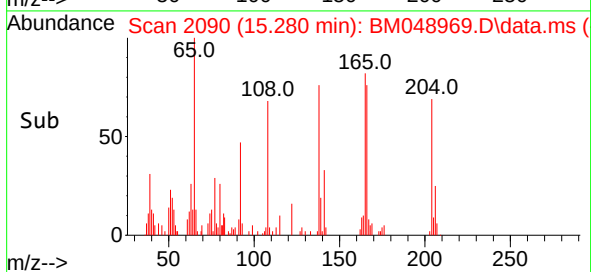
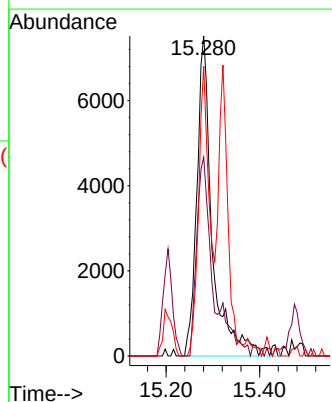
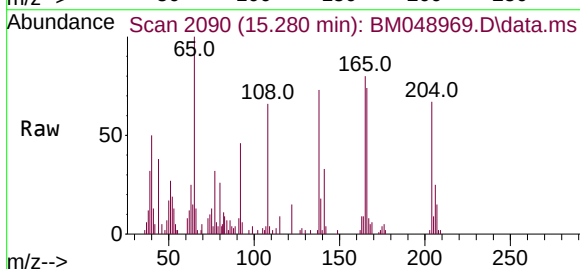
Manual Integrations
APPROVED

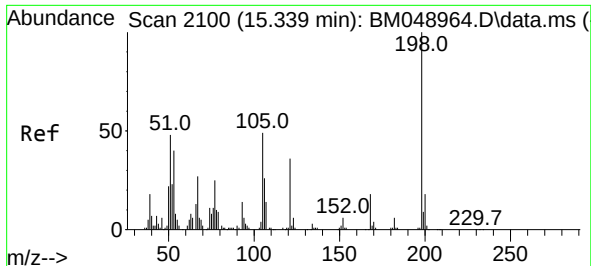
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#63
4-Nitroaniline
Concen: 2.875 ng/ul m
RT: 15.280 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

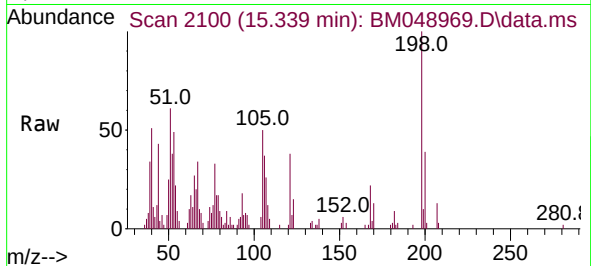
Tgt Ion:138 Resp: 17426
Ion Ratio Lower Upper
138 100
92 62.1 40.6 60.8#
108 90.5 50.3 75.5#





#66
4,6-Dinitro-2-methylphenol
Concen: 2.883 ng/ul
RT: 15.339 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

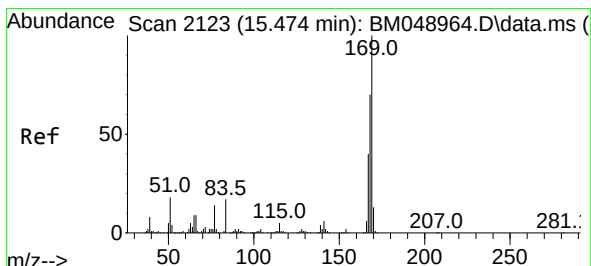
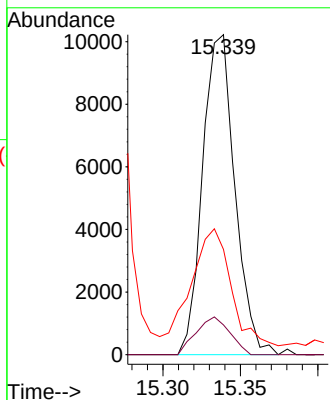
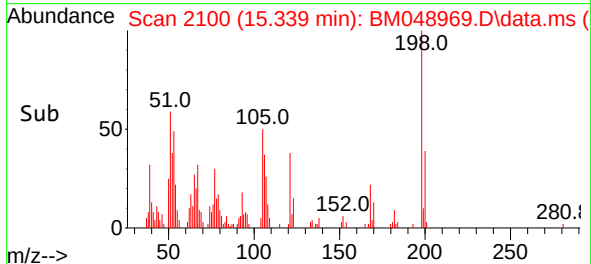
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:198 Resp: 14770
Ion Ratio Lower Upper
198 100
182 9.3 5.3 7.9
77 32.9 24.3 36.5

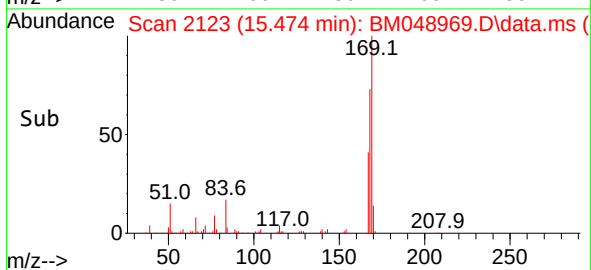
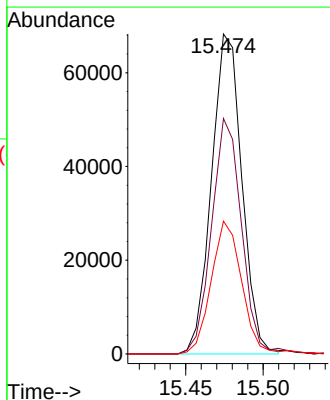
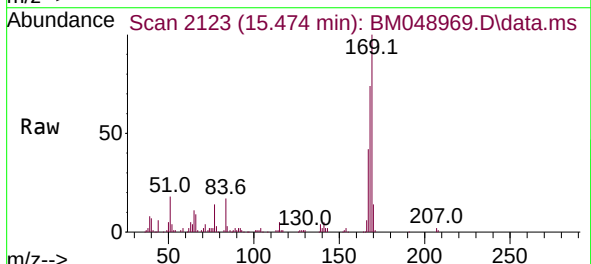
Manual Integrations
APPROVED

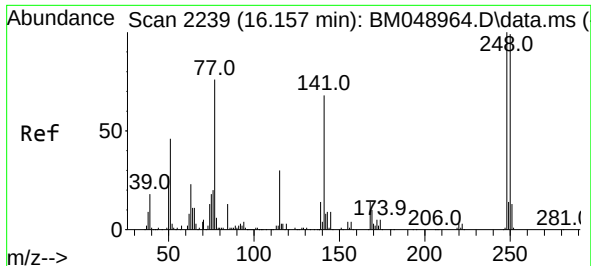
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#67
N-Nitrosodiphenylamine
Concen: 3.462 ng/ul
RT: 15.474 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

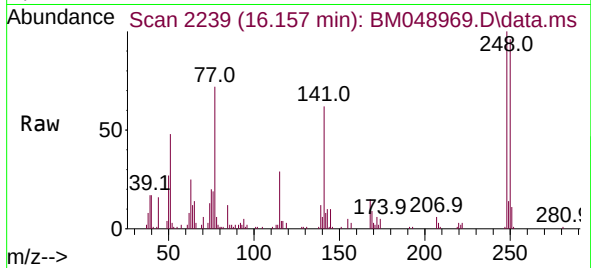
Tgt Ion:169 Resp: 93090
Ion Ratio Lower Upper
169 100
168 73.6 56.9 85.3
167 41.5 31.9 47.9





#68
4-Bromophenyl-phenylether
Concen: 3.640 ng/ul
RT: 16.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

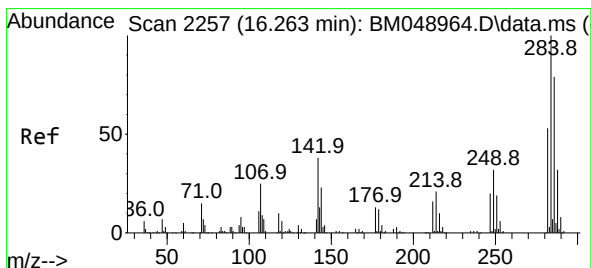
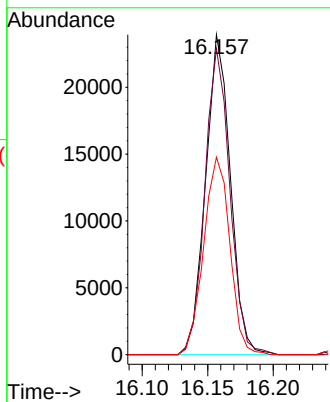
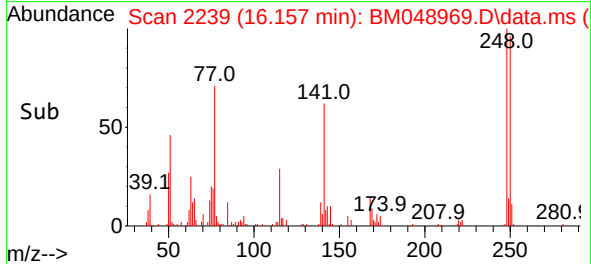
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:248 Resp: 31640
Ion Ratio Lower Upper
248 100
250 95.7 81.4 122.0
141 61.7 58.8 88.2

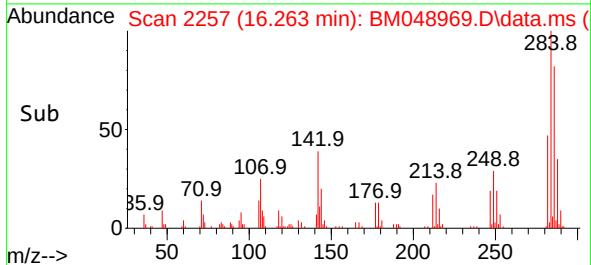
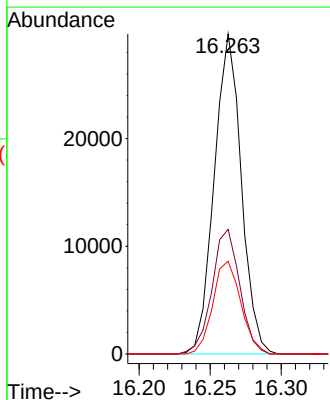
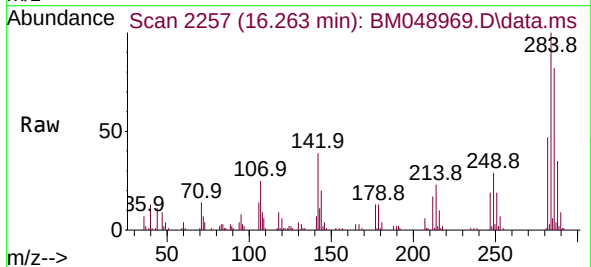
Manual Integrations
APPROVED

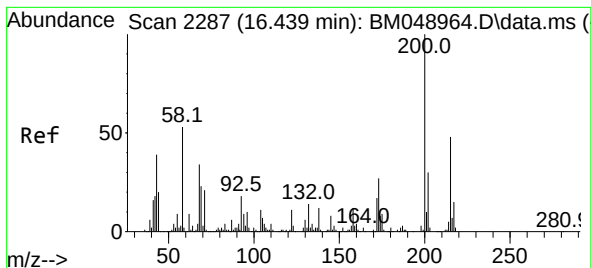
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#69
Hexachlorobenzene
Concen: 3.765 ng/ul
RT: 16.263 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:284 Resp: 39350
Ion Ratio Lower Upper
284 100
142 38.9 32.0 48.0
249 32.0 24.6 37.0





#70

Atrazine

Concen: 2.978 ng/ul

RT: 16.439 min Scan# 2287

Delta R.T. 0.000 min

Lab File: BM048969.D

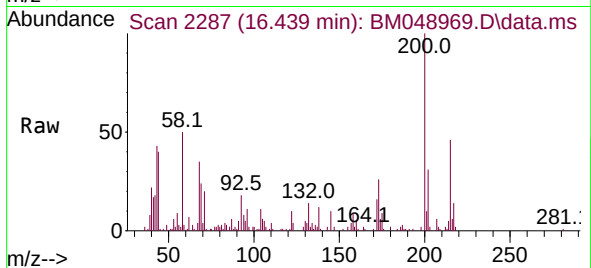
Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07



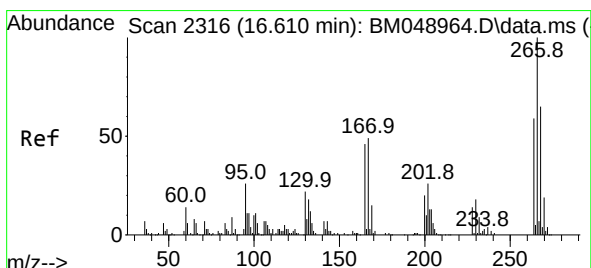
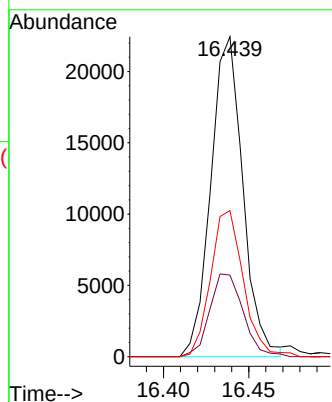
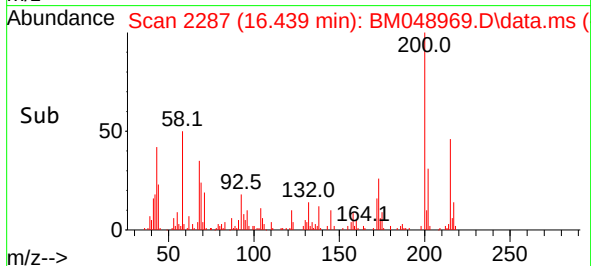
Tgt Ion:	200	Resp:	2935
Ion Ratio	Lower	Upper	
200	100		
173	25.5	20.7	31.1
215	45.7	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#71

Pentachlorophenol

Concen: 3.639 ng/ul

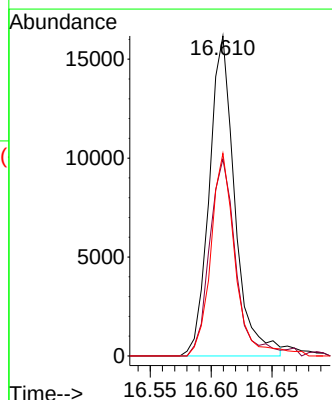
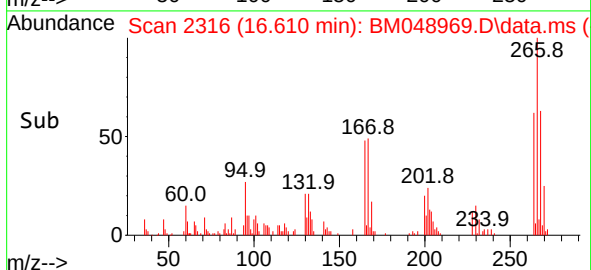
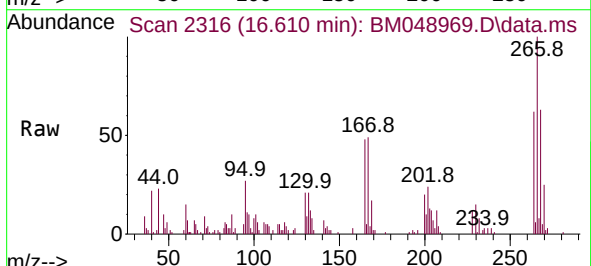
RT: 16.610 min Scan# 2316

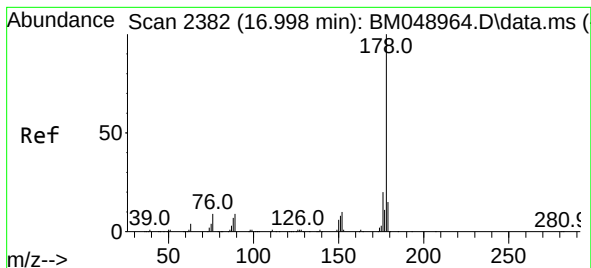
Delta R.T. 0.000 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:	266	Resp:	23546
Ion Ratio	Lower	Upper	
266	100		
264	61.5	48.4	72.6
268	63.3	52.0	78.0





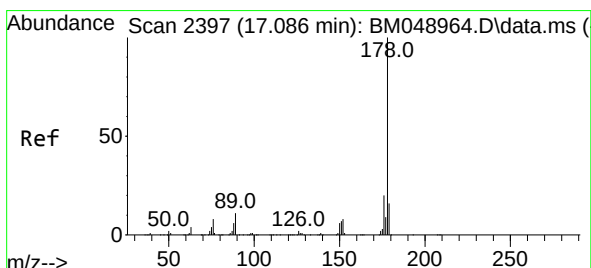
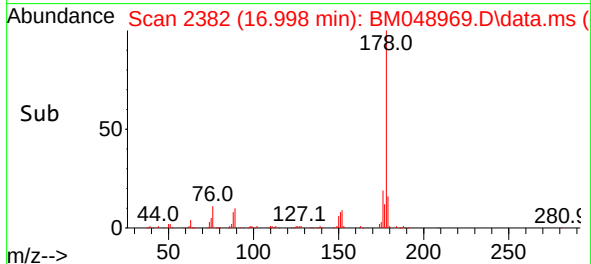
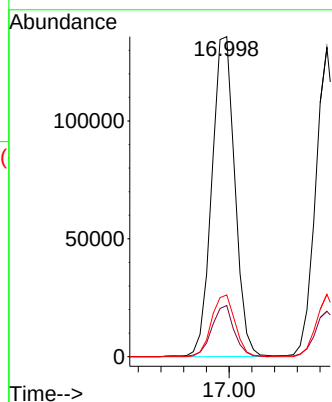
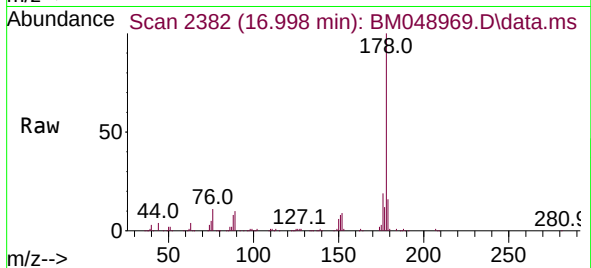
#72
Phenanthrene
Concen: 3.732 ng/u1
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07

Tgt Ion:178 Resp: 19049
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 19.3 16.2 24.2

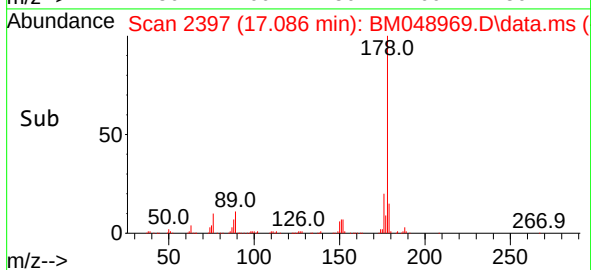
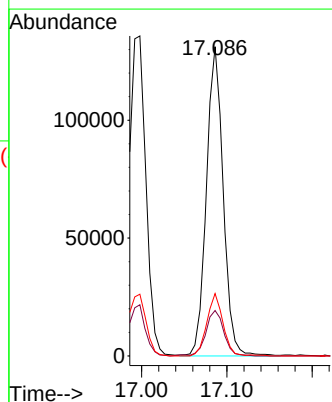
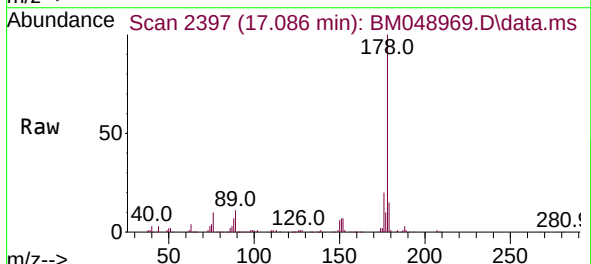
Manual Integrations
APPROVED

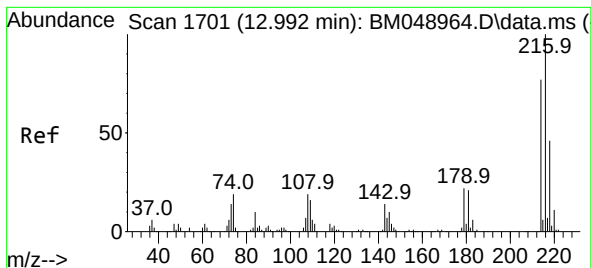
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#74
Anthracene
Concen: 3.504 ng/u1
RT: 17.086 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

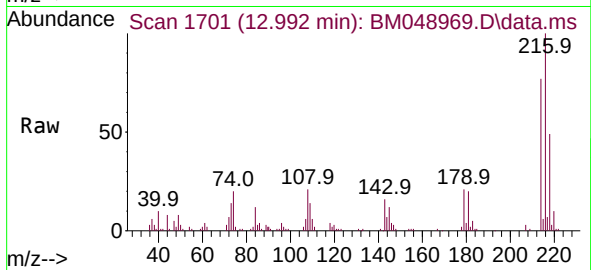
Tgt Ion:178 Resp: 180104
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.4
176 20.2 15.4 23.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.629 ng/uL
RT: 12.992 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

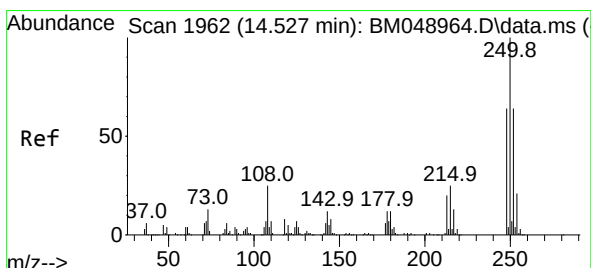
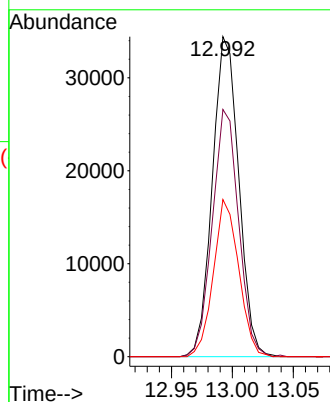
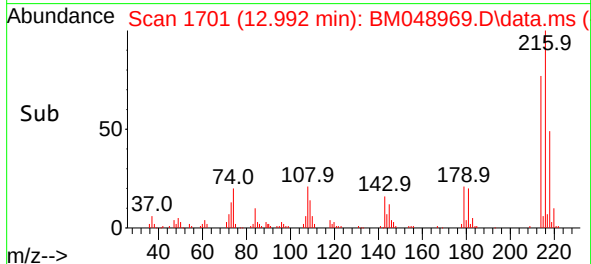
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-07



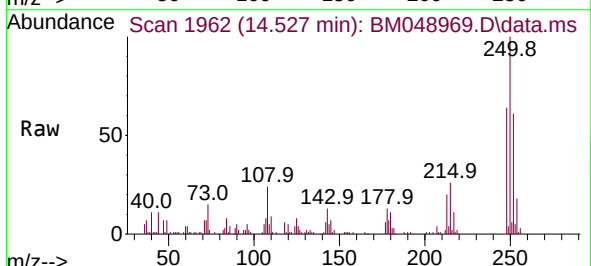
Tgt Ion:216 Resp: 51928
Ion Ratio Lower Upper
216 100
214 77.3 63.7 95.5
218 49.1 37.9 56.9

Manual Integrations
APPROVED

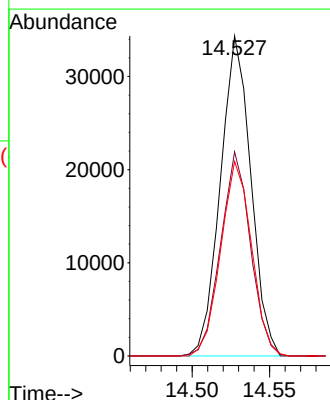
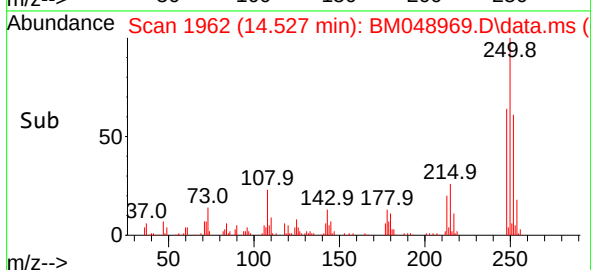
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

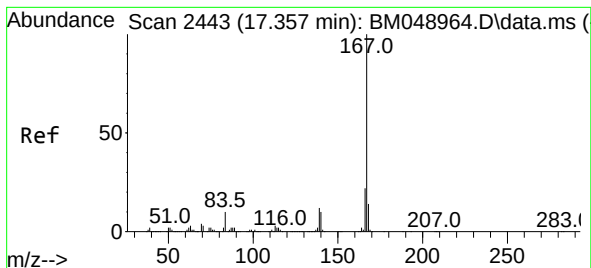


#76
Pentachlorobenzene
Concen: 3.384 ng/uL
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00



Tgt Ion:250 Resp: 46974
Ion Ratio Lower Upper
250 100
248 63.8 49.0 73.4
252 60.8 52.2 78.4





#77

Carbazole

Concen: 3.242 ng/ul

RT: 17.357 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:167 Resp: 157144

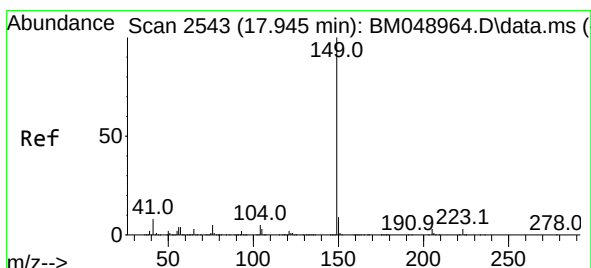
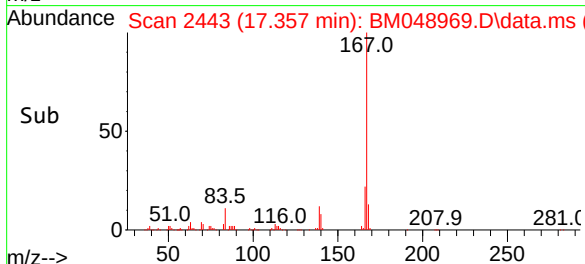
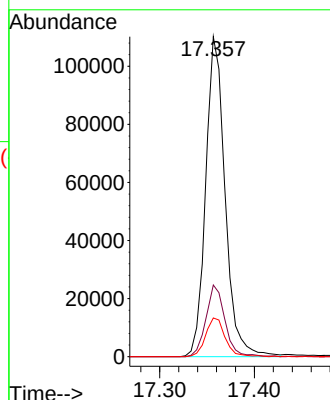
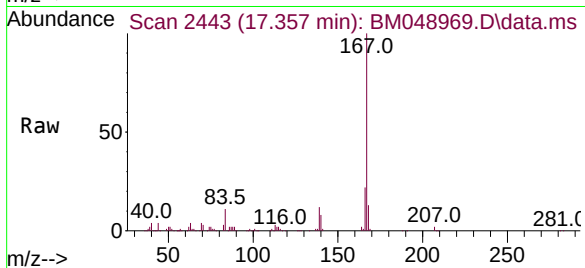
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	12.1	9.7	14.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#78

Di-n-butylphthalate

Concen: 3.229 ng/ul

RT: 17.945 min Scan# 2543

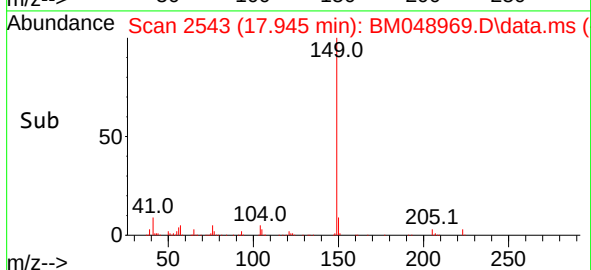
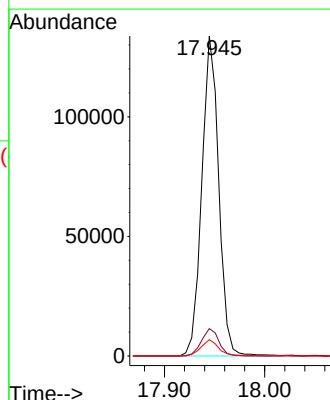
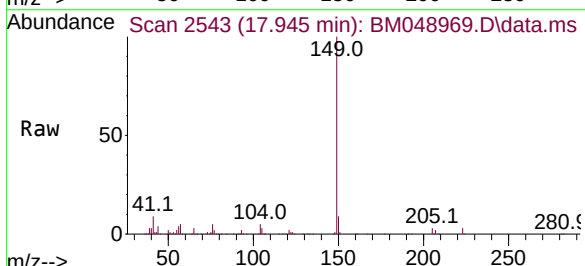
Delta R.T. -0.006 min

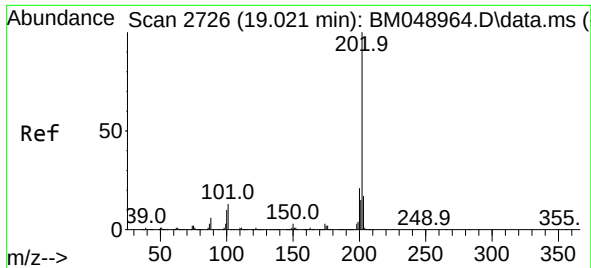
Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:149 Resp: 157225

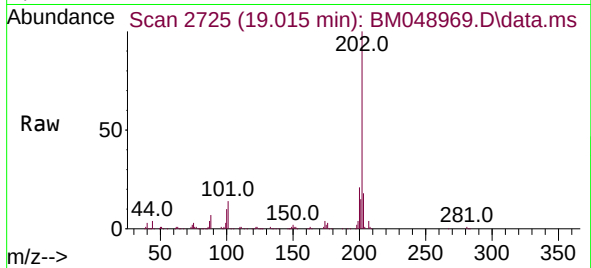
Ion	Ratio	Lower	Upper
149	100		
150	8.6	7.1	10.7
104	5.1	3.9	5.9





#80
Fluoranthene
Concen: 3.885 ng/ul
RT: 19.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

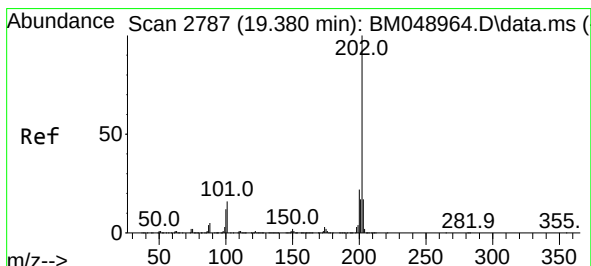
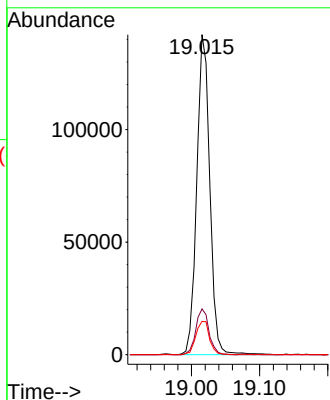
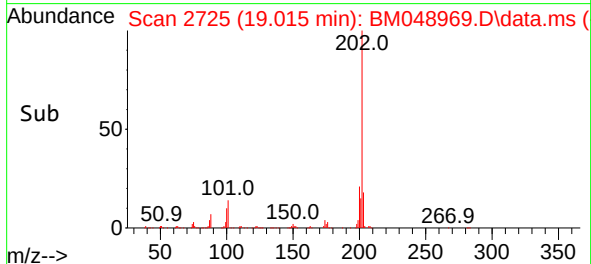
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



Tgt Ion:202 Resp: 18860
Ion Ratio Lower Upper
202 100
101 14.3 10.2 15.4
100 10.4 8.3 12.5

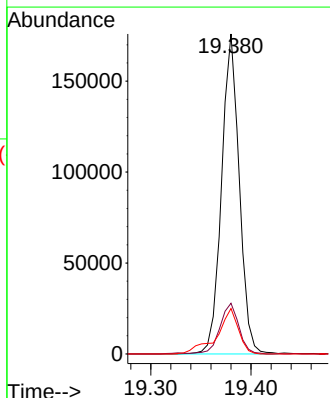
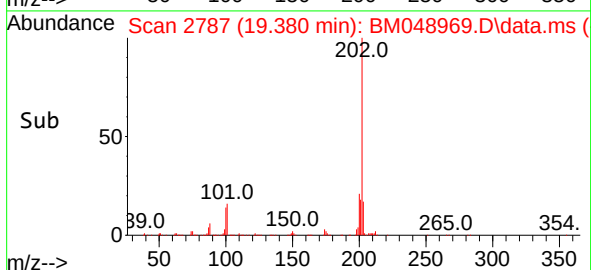
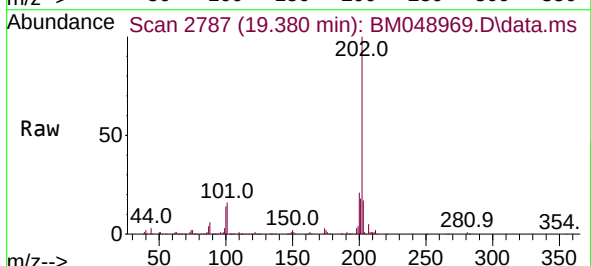
Manual Integrations
APPROVED

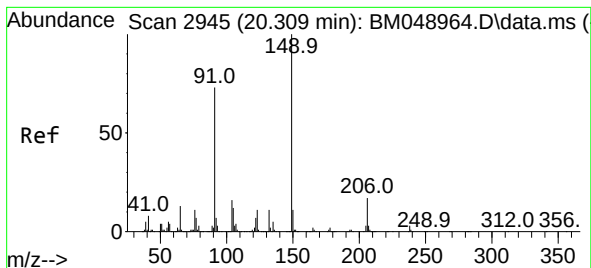
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



#82
Pyrene
Concen: 4.029 ng/ul
RT: 19.380 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

Tgt Ion:202 Resp: 215764
Ion Ratio Lower Upper
202 100
101 15.8 11.7 17.5
100 14.2 9.4 14.2#





#83

Butylbenzylphthalate

Concen: 3.445 ng/ul

RT: 20.309 min Scan# 2945

Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

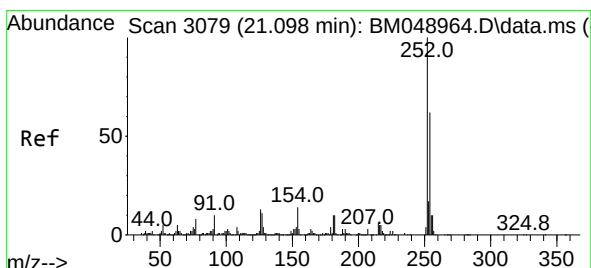
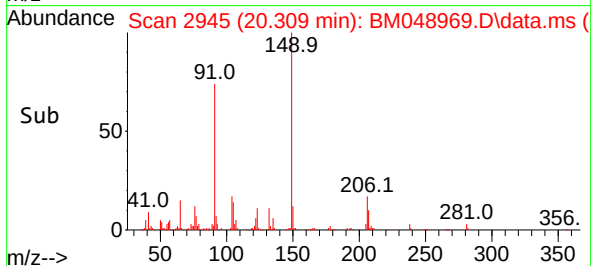
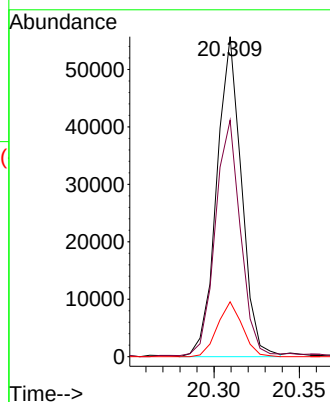
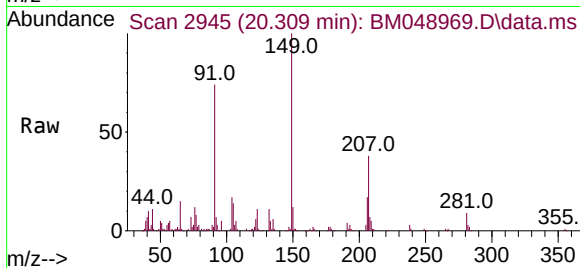
Tgt Ion:	149	Resp:	5631
Ion Ratio	Lower	Upper	
149	100		
91	73.9	56.2	84.4
206	17.1	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#84

3,3'-Dichlorobenzidine

Concen: 1.943 ng/ul

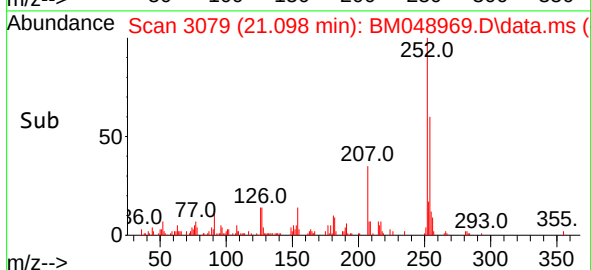
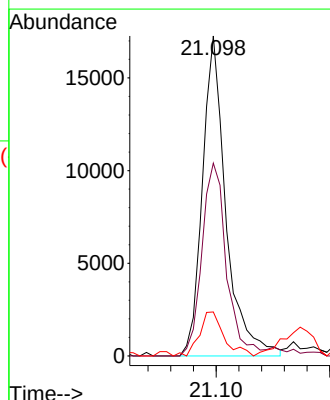
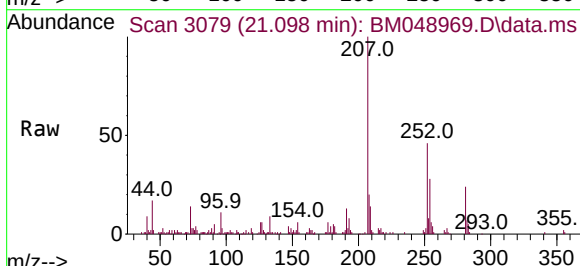
RT: 21.098 min Scan# 3079

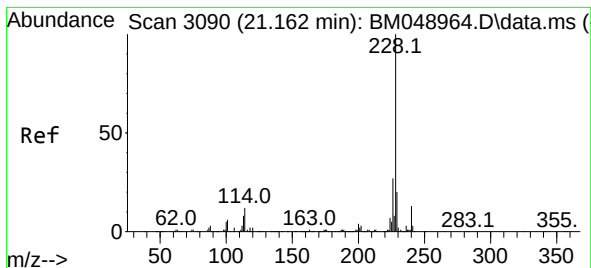
Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:	252	Resp:	24809
Ion Ratio	Lower	Upper	
252	100		
254	60.3	51.9	77.9
126	13.7	9.4	14.2





#85

Benzo(a)anthracene

Concen: 3.953 ng/ul

RT: 21.162 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

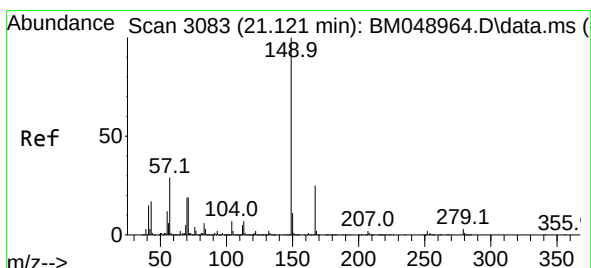
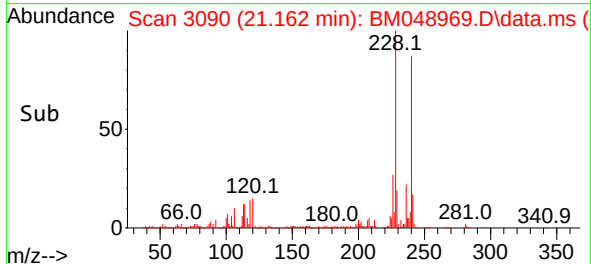
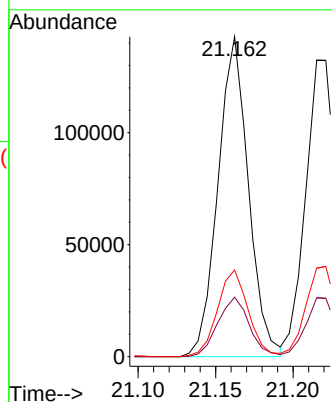
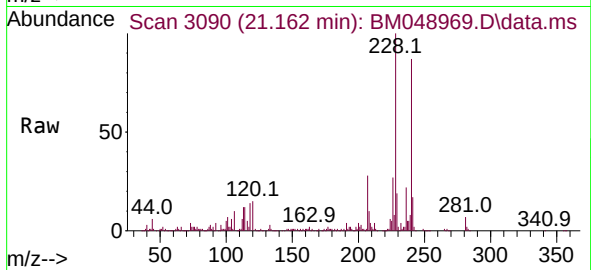
Tgt Ion:	228	Resp:	19498
Ion Ratio	Lower	Upper	
228	100		
229	18.6	15.7	23.5
226	27.1	22.0	33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.218 ng/ul

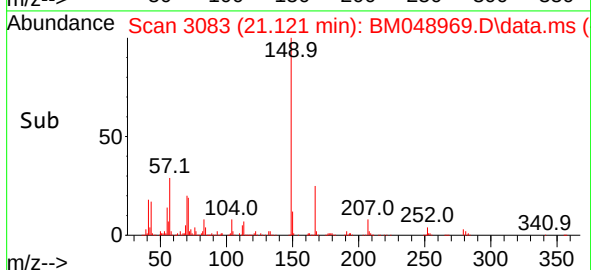
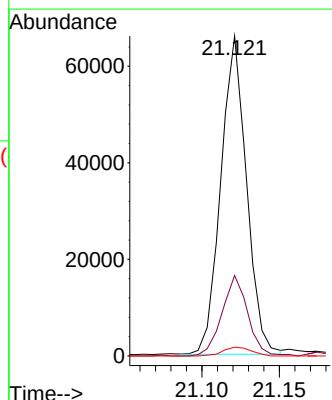
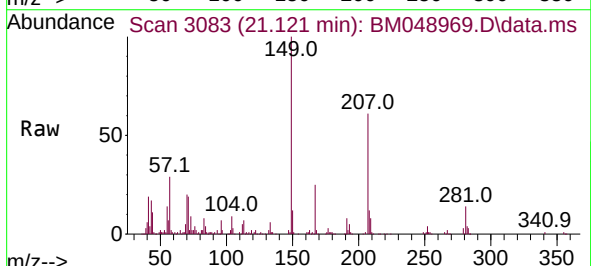
RT: 21.121 min Scan# 3083

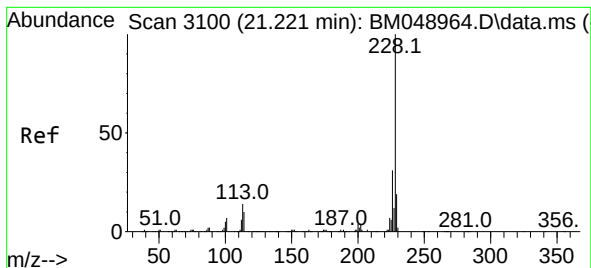
Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:	149	Resp:	75996
Ion Ratio	Lower	Upper	
149	100		
167	25.2	20.6	31.0
279	2.7	2.5	3.7





#87

Chrysene

Concen: 4.061 ng/ul

RT: 21.215 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

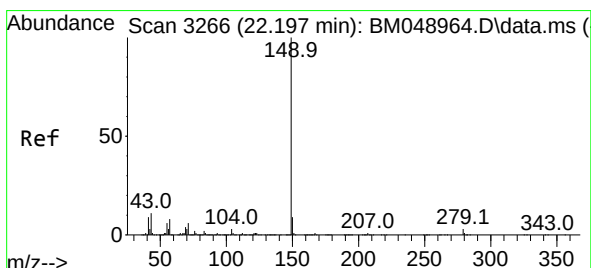
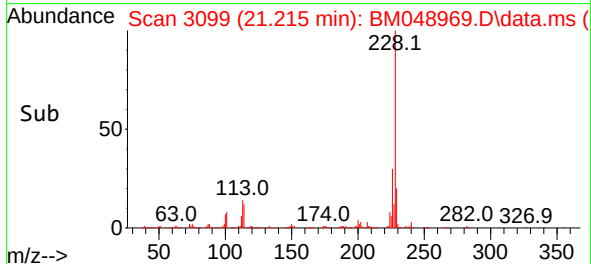
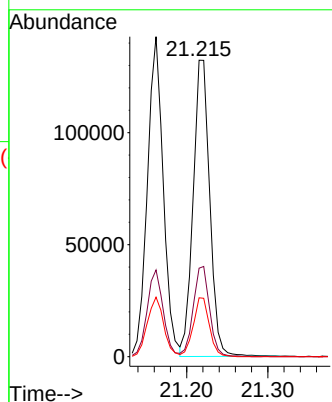
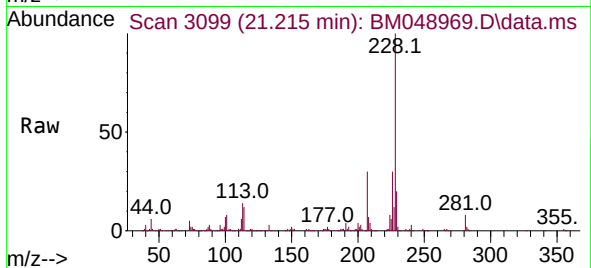
Tgt Ion:228 Resp: 188540
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 19.8 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#89

Di-n-octyl phthalate

Concen: 2.294 ng/ul

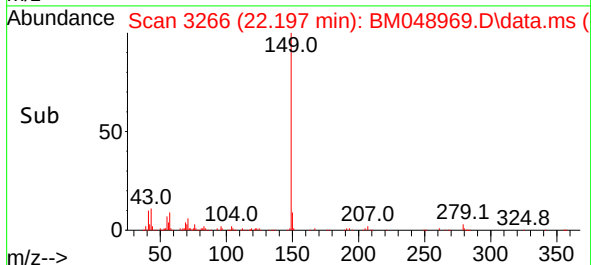
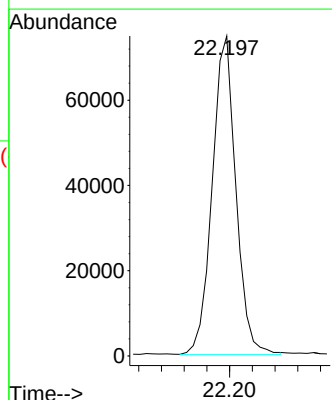
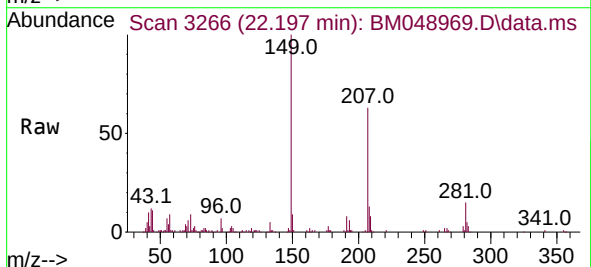
RT: 22.197 min Scan# 3266

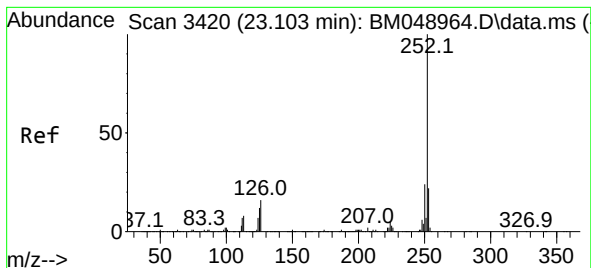
Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

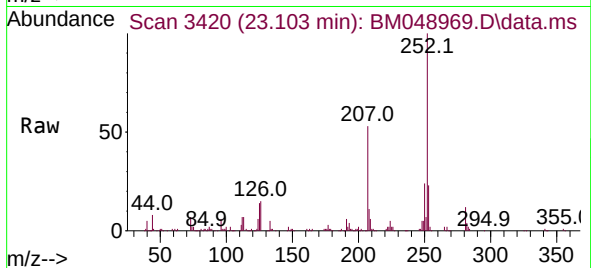
Tgt Ion:149 Resp: 108195





#90
Benzo(b)fluoranthene
Concen: 3.536 ng/u1
RT: 23.103 min Scan# 3420
Delta R.T. -0.012 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00

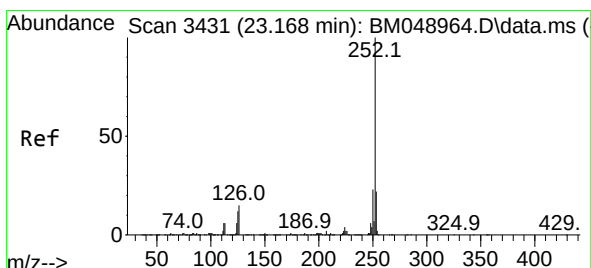
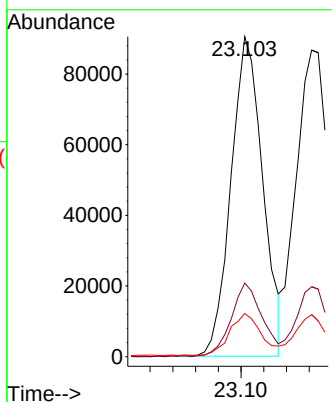
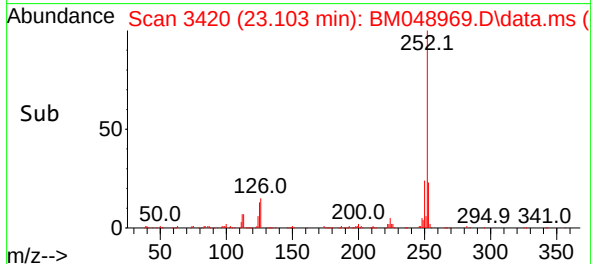
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-07



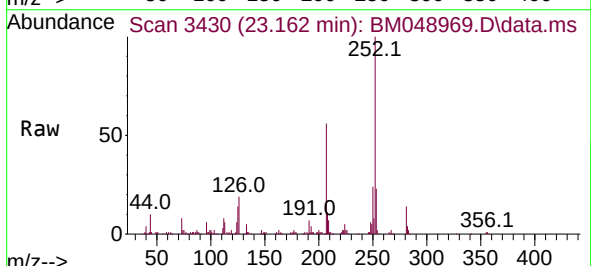
Tgt Ion:252 Resp: 17533
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 13.5 9.8 14.8

Manual Integrations
APPROVED

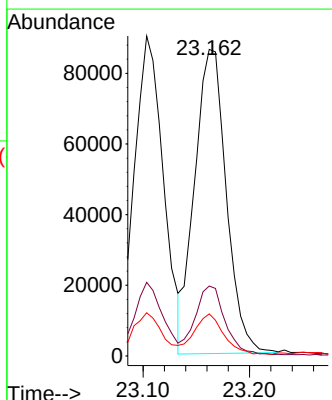
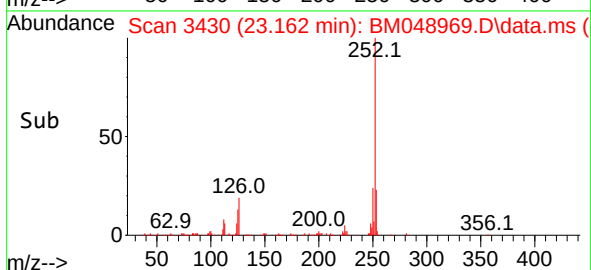
Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

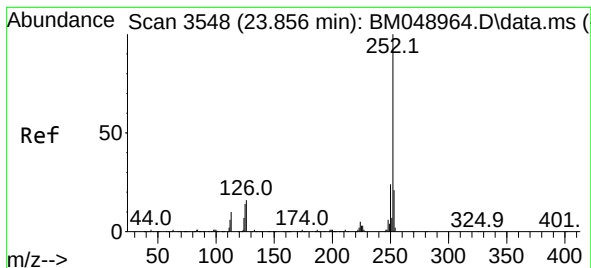


#91
Benzo(k)fluoranthene
Concen: 3.599 ng/u1
RT: 23.162 min Scan# 3430
Delta R.T. -0.012 min
Lab File: BM048969.D
Acq: 12 Dec 2024 13:00



Tgt Ion:252 Resp: 178293
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 13.7 10.1 15.1





#93

Benzo(a)pyrene

Concen: 3.497 ng/ul

RT: 23.856 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

Tgt Ion:252 Resp: 161240

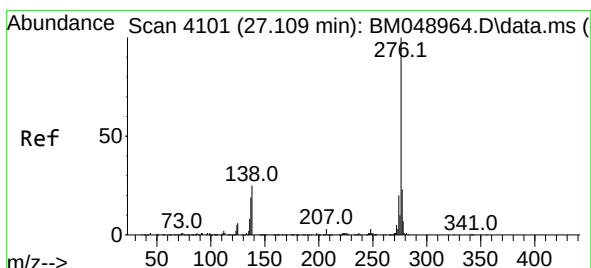
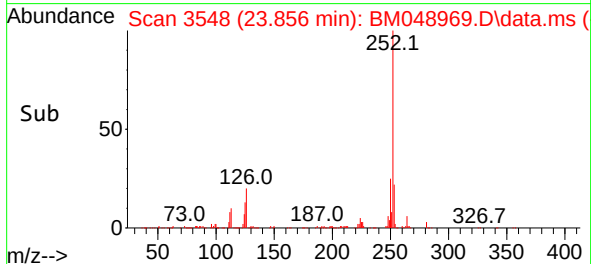
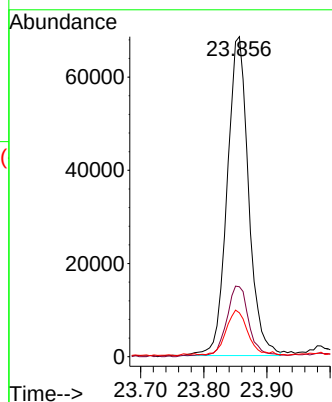
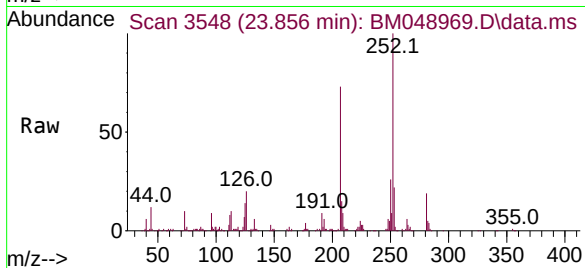
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	13.7	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.788 ng/ul

RT: 27.097 min Scan# 4099

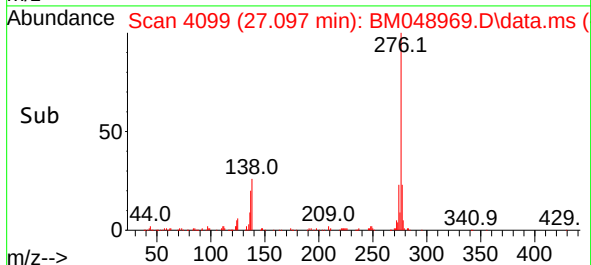
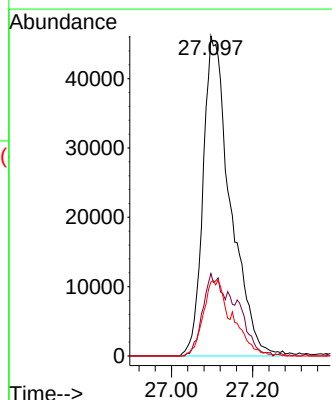
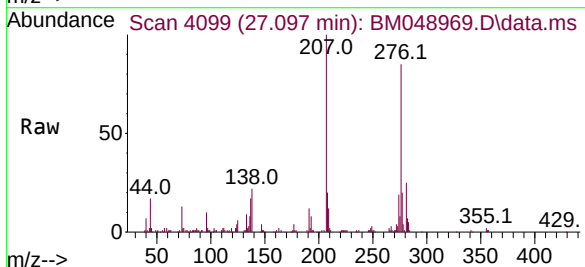
Delta R.T. -0.029 min

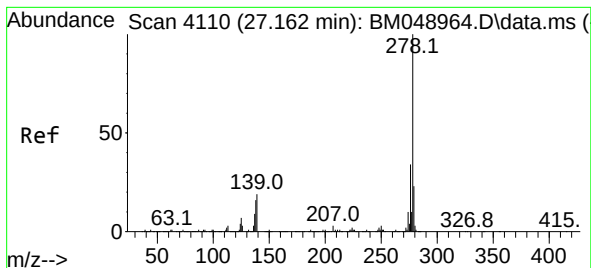
Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:276 Resp: 215770

Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.0	30.0
277	23.1	18.8	28.2





#95

Dibenzo(a,h)anthracene

Concen: 3.882 ng/ul m

RT: 27.168 min Scan# 4110

Delta R.T. -0.018 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-07

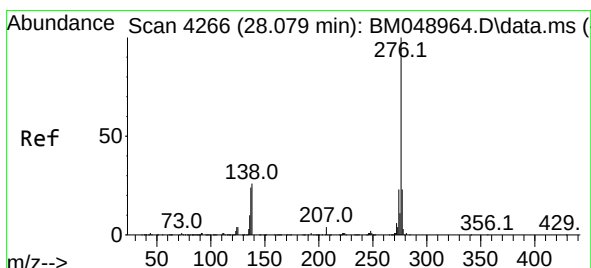
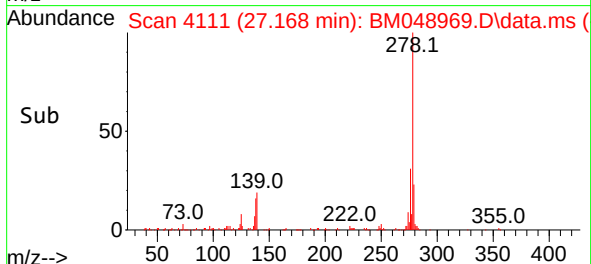
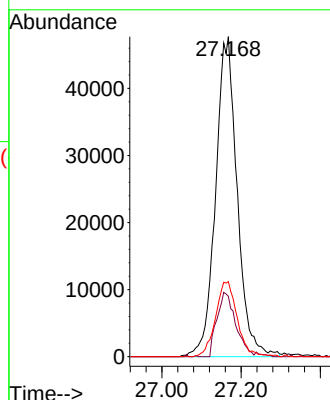
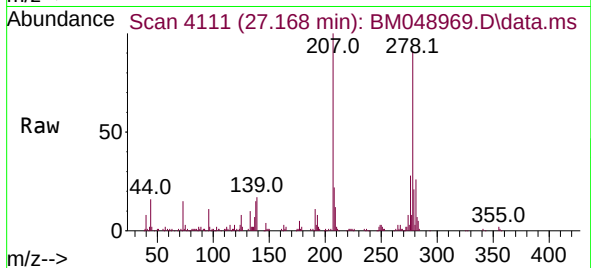
Tgt Ion:	278	Resp:	18071
Ion Ratio	Lower	Upper	
278	100		
139	18.8	15.2	22.8
279	23.4	18.6	28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024



#96

Benzo(g,h,i)perylene

Concen: 3.949 ng/ul m

RT: 28.068 min Scan# 4264

Delta R.T. -0.017 min

Lab File: BM048969.D

Acq: 12 Dec 2024 13:00

Tgt Ion:	276	Resp:	172694
Ion Ratio	Lower	Upper	
276	100		
138	28.1	22.2	33.2
277	23.0	18.9	28.3

