

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121324\
 Data File : BM048978.D
 Acq On : 13 Dec 2024 12:30
 Operator : RC/JU
 Sample : P4776-06
 Misc : MDL-SOIL-ME-QT4-2024
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 13 14:16:21 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 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	234258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	918120	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.204	164	483190	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.951	188	921953	20.000	ng/u1	0.00
79) Chrysene-d12	21.174	240	776349	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	817845	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	22782	3.423	ng/uL	0.00
4) Pyridine-d5	3.546	84	227971	11.516	ng/u1	0.00
7) Phenol-d5	6.757	99	238735	11.691	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	174360	12.572	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	185900	12.546	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	163181	10.705	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	80070	12.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	66447	10.916	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	148536	11.466	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	213953	10.593	ng/u1	0.00
46) Dimethylphthalate-d6	13.627	166	403492	12.128	ng/u1	0.00
49) Acenaphthylene-d8	13.892	160	499888	12.309	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	56702	8.895	ng/u1	0.00
60) Fluorene-d10	15.204	176	356343	12.358	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	31730	6.597	ng/u1	0.00
73) Anthracene-d10	17.051	188	478391	10.587	ng/u1	0.00
81) Pyrene-d10	19.351	212	555458	12.744	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	498737	11.902	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	7104m	1.002	ng/uL	
5) Pyridine	3.563	79	78014	3.772	ng/u1#	83
6) Benzaldehyde	6.722	77	51130	4.696	ng/u1	96
8) Phenol	6.781	94	88312	4.012	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.010	93	73225	4.207	ng/u1	98
12) 2-Chlorophenol	7.140	128	65297	4.174	ng/u1	94
13) 2-Methylphenol	8.016	108	50550	3.346	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.092	45	106114	4.119	ng/u1	99
16) Acetophenone	8.387	105	99988	3.899	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.375	70	44804	3.585	ng/u1	96
18) 4-Methylphenol	8.340	108	59797	3.602	ng/u1	96
19) Hexachloroethane	8.640	117	28097	4.155	ng/u1	97
22) Nitrobenzene	8.751	77	73243	4.057	ng/u1	96
23) Isophorone	9.281	82	117314	3.676	ng/u1	99
25) 2-Nitrophenol	9.457	139	26546	3.697	ng/u1	97
26) 2,4-Dimethylphenol	9.534	107	33864	2.271	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.769	93	79335	3.889	ng/u1	96
29) 2,4-Dichlorophenol	9.986	162	52948	3.954	ng/u1	90
30) Naphthalene	10.386	128	198781	4.075	ng/u1	98
32) 4-Chloroaniline	10.498	127	71850	3.695	ng/u1	97
33) Hexachlorobutadiene	10.681	225	34846	4.032	ng/u1	97
34) Caprolactam	11.286	113	13267m	3.145	ng/u1	
35) 4-Chloro-3-methylphenol	11.633	107	41739	3.259	ng/u1	97
36) 2-Methylnaphthalene	12.004	142	119627	3.872	ng/u1	98

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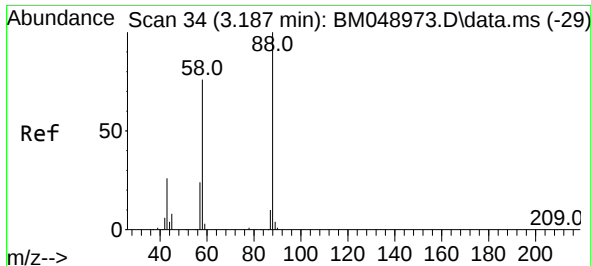
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Manual Integrations
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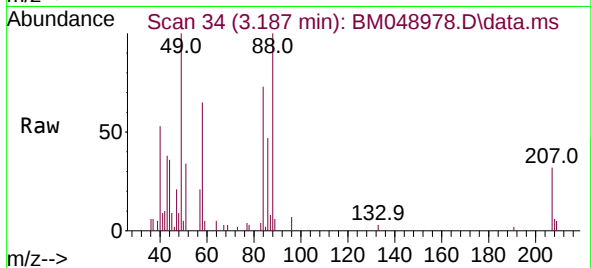
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	108920	3.528	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.380	216	60184	4.069	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	24274	2.643	ng/ul	97
41) 2,4,6-Trichlorophenol	12.628	196	26847	3.235	ng/ul	99
42) 2,4,5-Trichlorophenol	12.698	196	30256	3.312	ng/ul	92
43) 1,1'-Biphenyl	13.033	154	148056	4.048	ng/ul	96
44) 2-Chloronaphthalene	13.069	162	119654	4.117	ng/ul	98
45) 2-Nitroaniline	13.280	65	22289m	2.990	ng/ul	
47) Dimethylphthalate	13.674	163	130580	3.923	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	16284	2.901	ng/ul#	91
50) Acenaphthylene	13.922	152	183915	4.161	ng/ul	98
51) 3-Nitroaniline	14.110	138	18900m	2.891	ng/ul	
52) Acenaphthene	14.269	153	127287	4.060	ng/ul	100
53) 2,4-Dinitrophenol	14.316	184	9204	3.140	ng/ul	94
55) 4-Nitrophenol	14.427	109	16339m	3.498	ng/ul	
56) Dibenzofuran	14.610	168	172896	4.097	ng/ul	95
57) 2,4-Dinitrotoluene	14.574	165	26494	3.193	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.839	232	22497	3.365	ng/ul	99
59) Diethylphthalate	15.051	149	118996	3.712	ng/ul	99
61) Fluorene	15.257	166	134272	3.848	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	62591	3.702	ng/ul	97
63) 4-Nitroaniline	15.280	138	18221m	2.926	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.333	198	14862	2.775	ng/ul#	97
67) N-Nitrosodiphenylamine	15.474	169	101727	3.621	ng/ul	95
68) 4-Bromophenyl-phenylether	16.157	248	31736	3.494	ng/ul	94
69) Hexachlorobenzene	16.263	284	40418	3.702	ng/ul	98
70) Atrazine	16.439	200	30979	3.008	ng/ul	96
71) Pentachlorophenol	16.610	266	23742	3.513	ng/ul	98
72) Phenanthrene	16.992	178	199650	3.744	ng/ul	99
74) Anthracene	17.086	178	181894	3.387	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.992	216	53646	3.588	ng/uL	93
76) Pentachlorobenzene	14.527	250	47928	3.305	ng/uL	98
77) Carbazole	17.357	167	165804	3.274	ng/ul	98
78) Di-n-butylphthalate	17.945	149	165618	3.256	ng/ul	99
80) Fluoranthene	19.015	202	197956	3.863	ng/ul	99
82) Pyrene	19.380	202	225664	3.991	ng/ul	95
83) Butylbenzylphthalate	20.309	149	60999	3.535	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.098	252	30395m	2.255	ng/ul	
85) Benzo(a)anthracene	21.156	228	209871	4.031	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.121	149	84205	3.378	ng/ul	98
87) Chrysene	21.215	228	194958	3.978	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	113736	2.312	ng/ul	100
90) Benzo(b)fluoranthene	23.097	252	181864	3.516	ng/ul	98
91) Benzo(k)fluoranthene	23.162	252	188492	3.648	ng/ul	100
93) Benzo(a)pyrene	23.850	252	168972	3.514	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.097	276	232589	3.914	ng/ul	97
95) Dibenzo(a,h)anthracene	27.156	278	191516	3.945	ng/ul	97
96) Benzo(g,h,i)perylene	28.068	276	182693	4.005	ng/ul	94

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



#2
1,4-Dioxane
Concen: 1.002 ng/uL m
RT: 3.187 min Scan# 34
Delta R.T. 0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

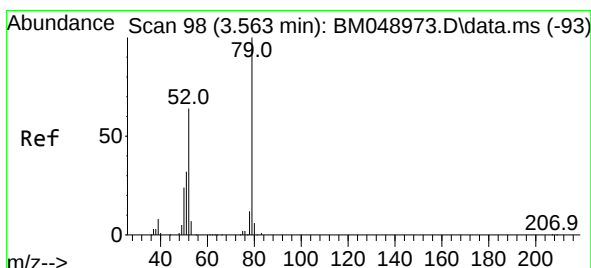
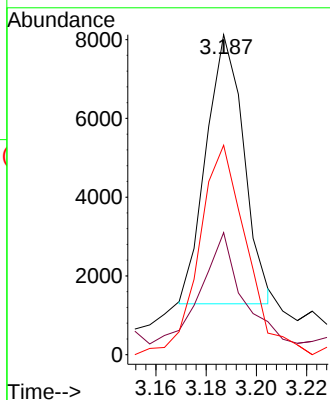
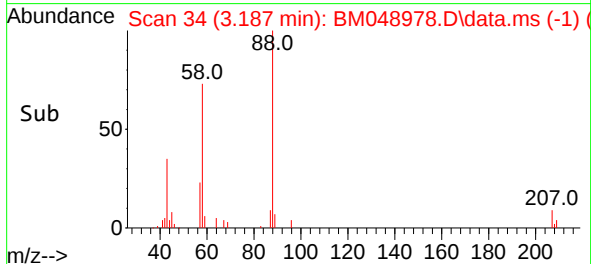
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 88 Resp: 7104
Ion Ratio Lower Upper
88 100
43 38.2 24.7 37.1
58 65.4 60.0 90.0

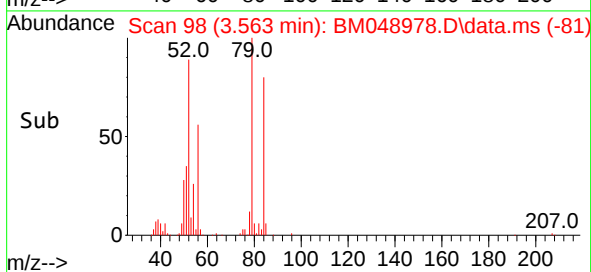
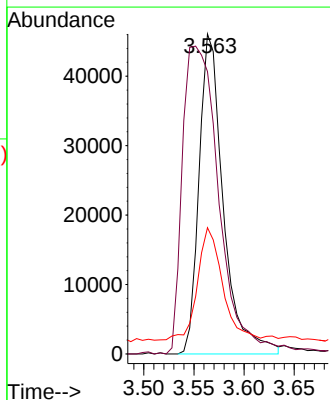
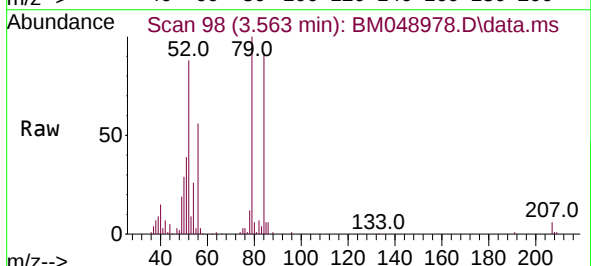
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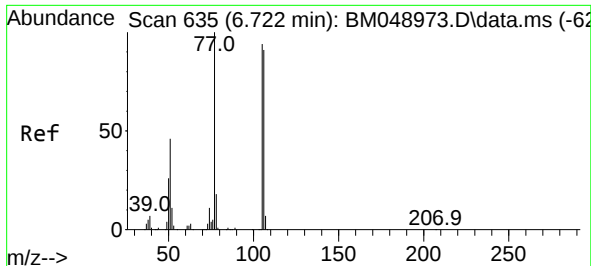
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#5
Pyridine
Concen: 3.772 ng/uL
RT: 3.563 min Scan# 98
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion: 79 Resp: 78014
Ion Ratio Lower Upper
79 100
52 88.3 56.2 84.4
51 39.4 28.6 42.8





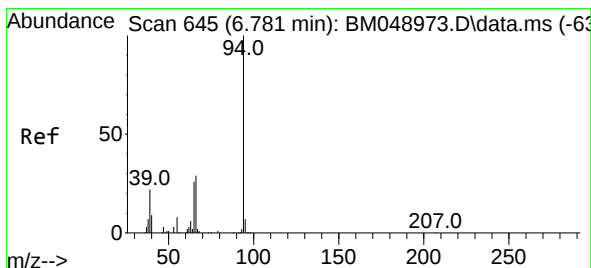
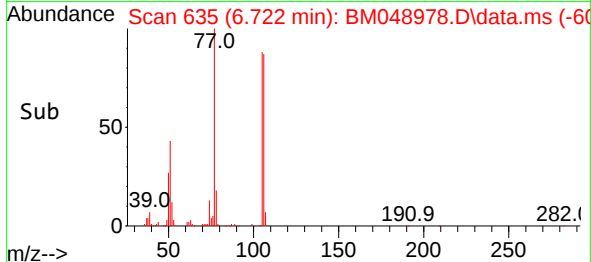
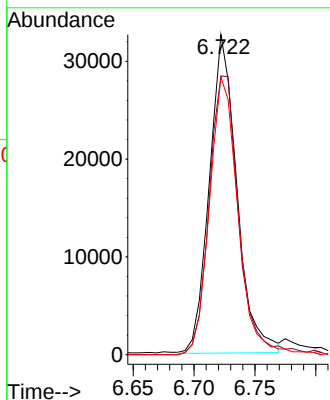
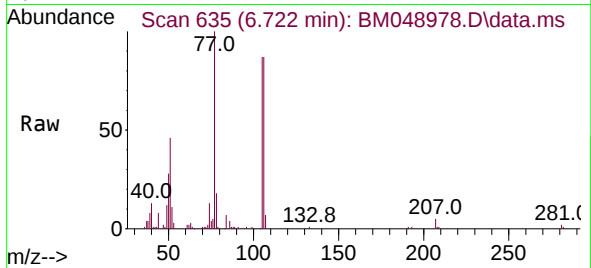
#6
Benzaldehyde
Concen: 4.696 ng/ul
RT: 6.722 min Scan# 613
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion: 77 Resp: 51130
Ion Ratio Lower Upper
77 100
105 87.1 73.3 109.9
106 86.7 71.9 107.9

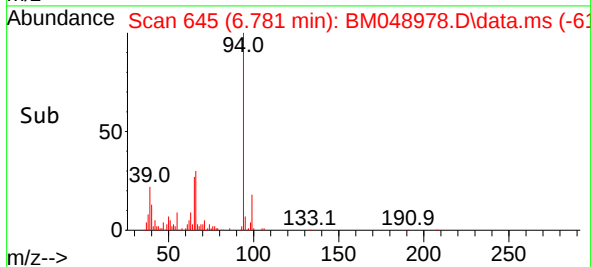
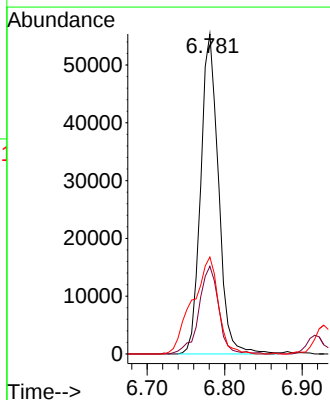
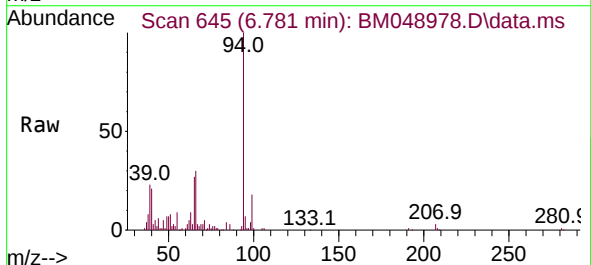
Manual Integrations
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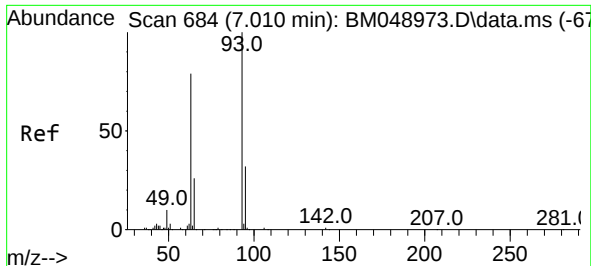
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#8
Phenol
Concen: 4.012 ng/ul
RT: 6.781 min Scan# 645
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

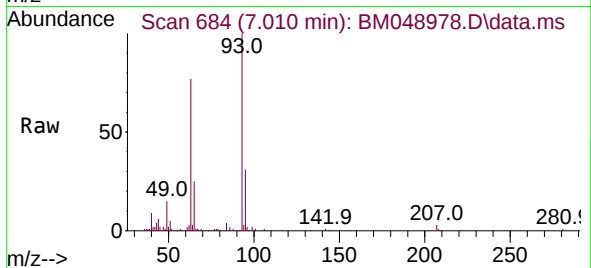
Tgt Ion: 94 Resp: 88312
Ion Ratio Lower Upper
94 100
65 27.4 22.1 33.1
66 30.3 24.9 37.3





#10
Bis(2-Chloroethyl)ether
Concen: 4.207 ng/ul
RT: 7.010 min Scan# 684
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

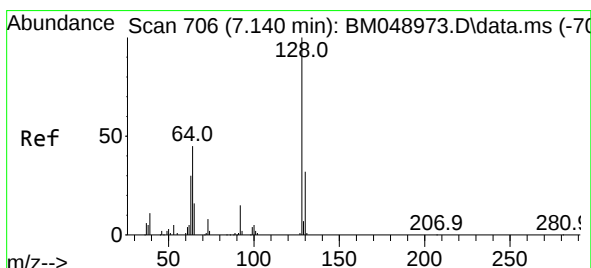
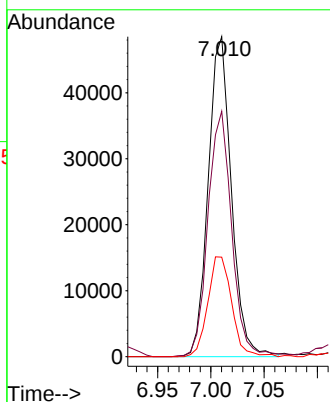
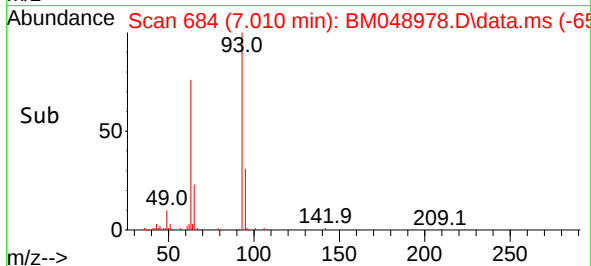
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



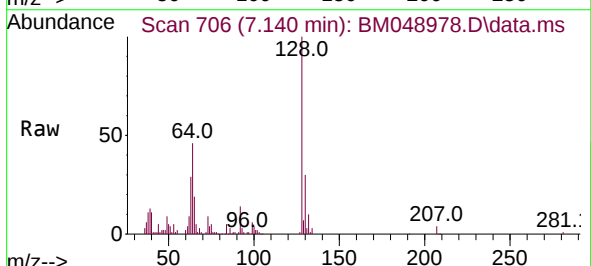
Tgt Ion: 93 Resp: 73225
Ion Ratio Lower Upper
93 100
63 76.7 62.9 94.3
95 31.1 26.2 39.2

Manual Integrations
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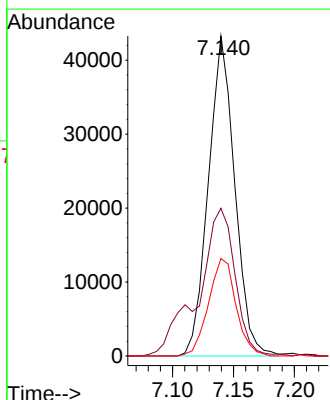
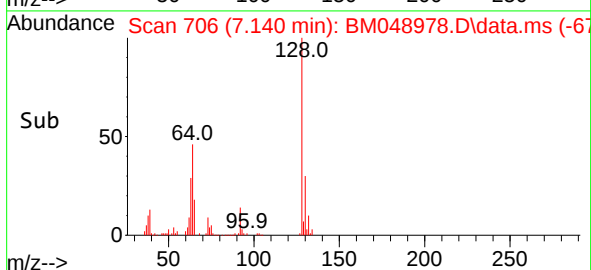
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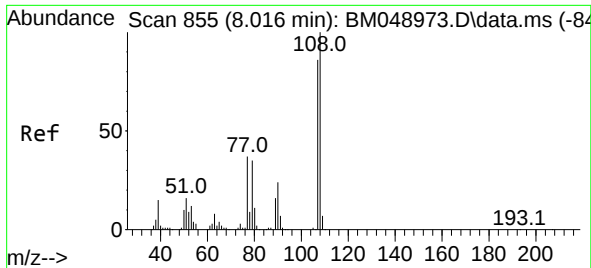


#12
2-Chlorophenol
Concen: 4.174 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



Tgt Ion:128 Resp: 65297
Ion Ratio Lower Upper
128 100
64 46.1 40.8 61.2
130 30.5 26.1 39.1





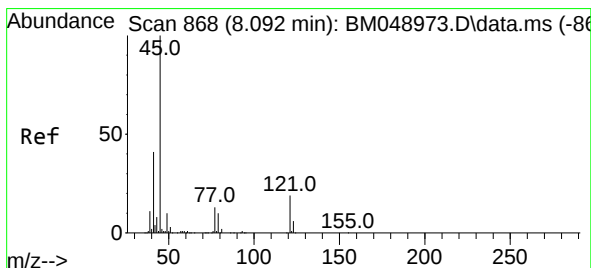
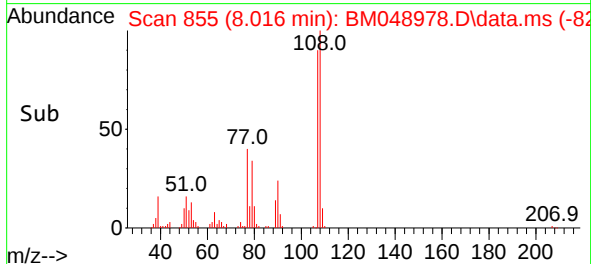
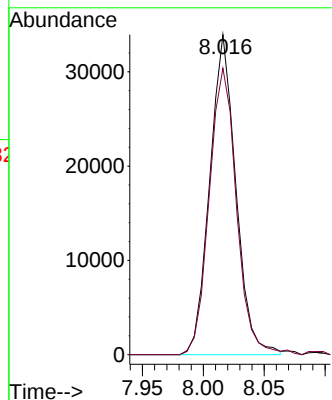
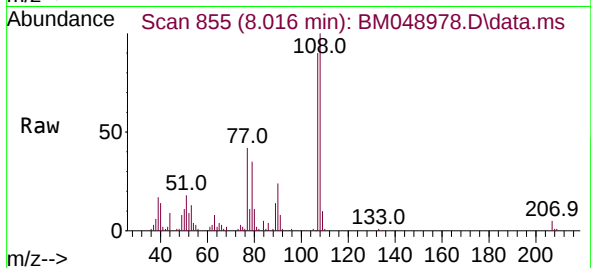
#13
2-Methylphenol
Concen: 3.346 ng/ul
RT: 8.016 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

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MDL-MED-SOIL-QT4-2024-08

Tgt Ion:108 Resp: 50550
Ion Ratio Lower Upper
108 100
107 89.5 70.7 106.1

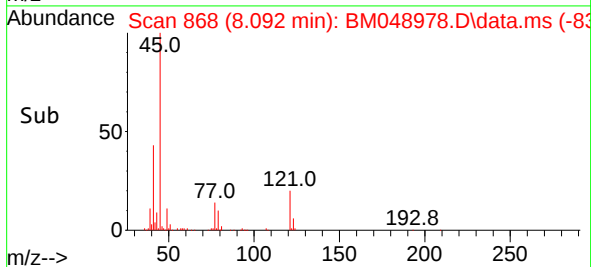
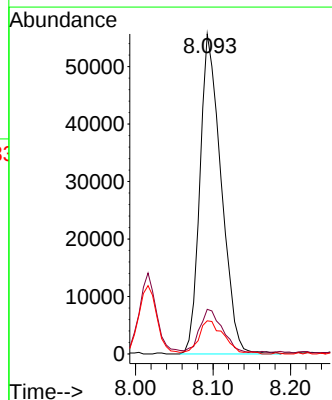
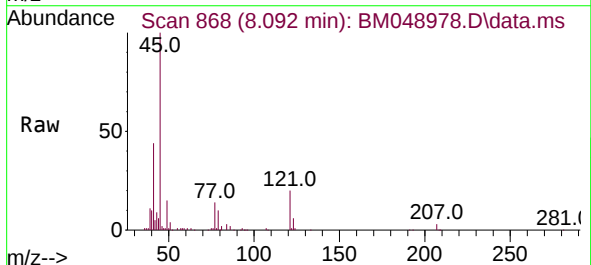
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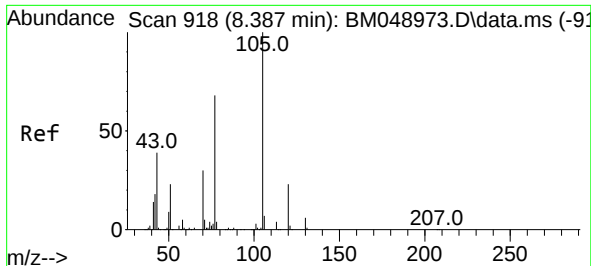
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.119 ng/ul
RT: 8.092 min Scan# 868
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion: 45 Resp: 106114
Ion Ratio Lower Upper
45 100
77 13.9 10.6 16.0
79 10.3 8.5 12.7





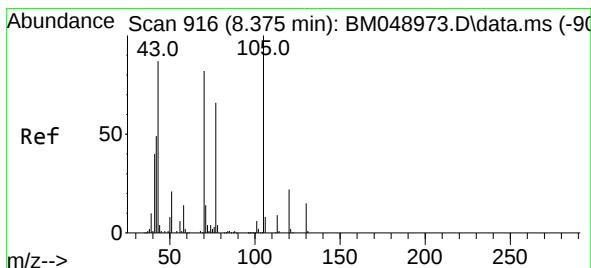
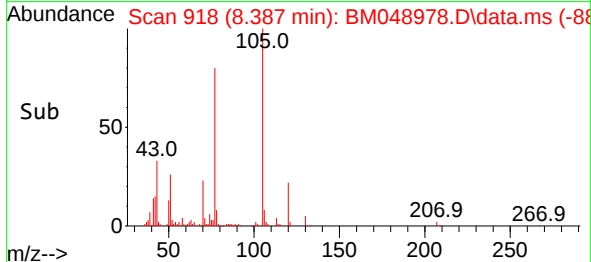
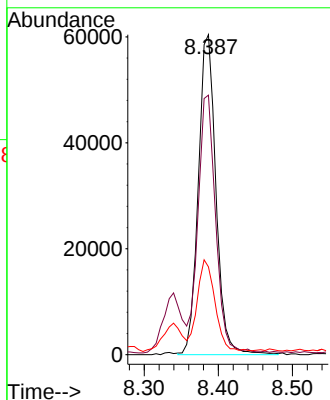
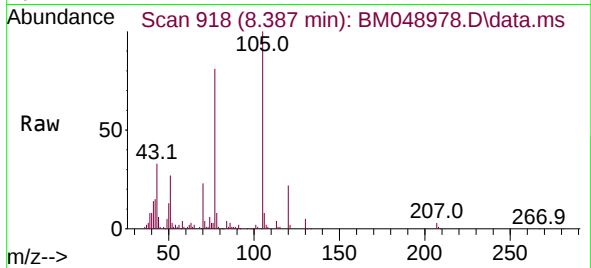
#16
Acetophenone
Concen: 3.899 ng/ul
RT: 8.387 min Scan# 918
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:105 Resp: 9998
Ion Ratio Lower Upper
105 100
77 81.1 64.2 96.2
51 27.4 23.7 35.5

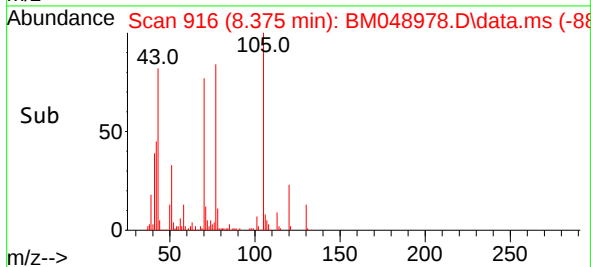
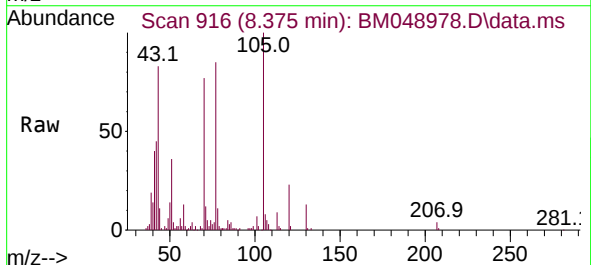
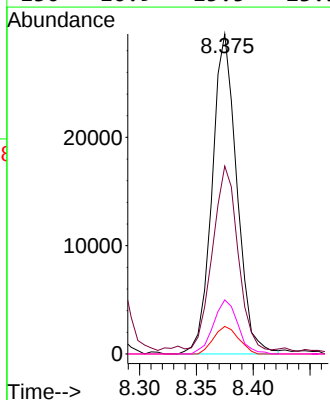
Manual Integrations
APPROVED

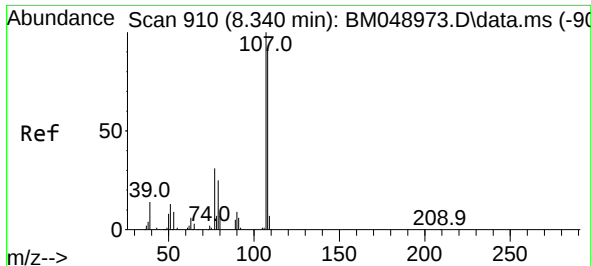
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#17
N-Nitroso-di-n-propylamine
Concen: 3.585 ng/ul
RT: 8.375 min Scan# 916
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

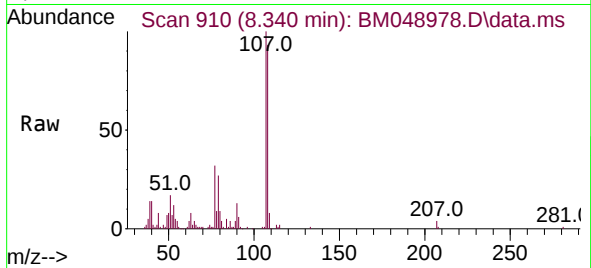
Tgt Ion: 70 Resp: 44804
Ion Ratio Lower Upper
70 100
42 58.7 49.6 74.4
101 8.6 6.9 10.3
130 16.9 15.5 23.3





#18
4-Methylphenol
Concen: 3.602 ng/ul
RT: 8.340 min Scan# 910
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

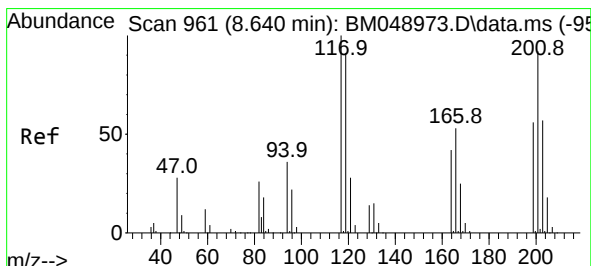
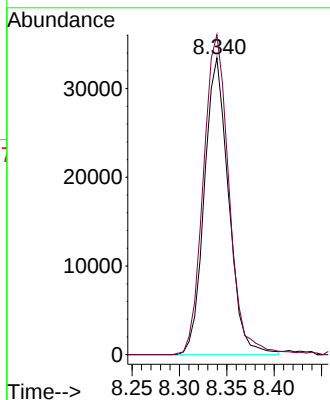
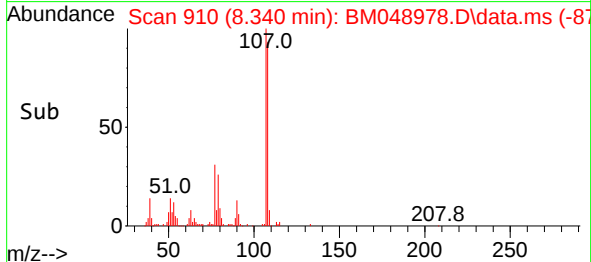
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:108 Resp: 5979
Ion Ratio Lower Upper
108 100
107 107.8 89.4 134.0

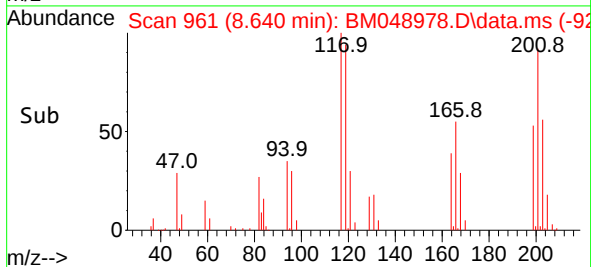
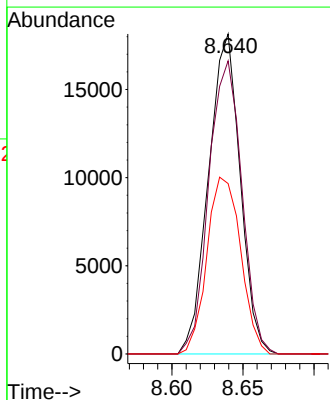
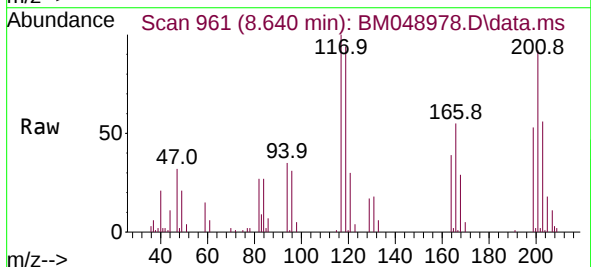
Manual Integrations
APPROVED

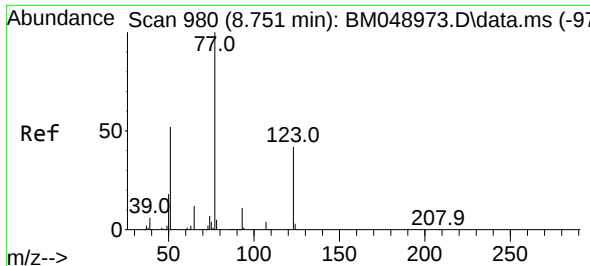
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#19
Hexachloroethane
Concen: 4.155 ng/ul
RT: 8.640 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

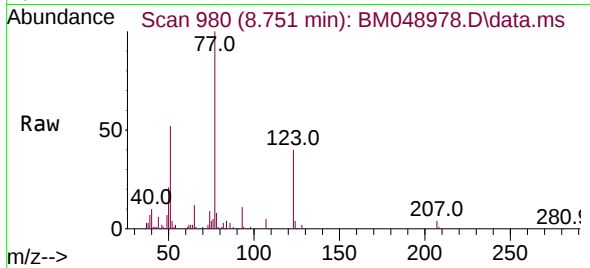
Tgt Ion:117 Resp: 28097
Ion Ratio Lower Upper
117 100
201 91.6 72.2 108.4
199 53.2 45.6 68.4





#22
Nitrobenzene
Concen: 4.057 ng/ul
RT: 8.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

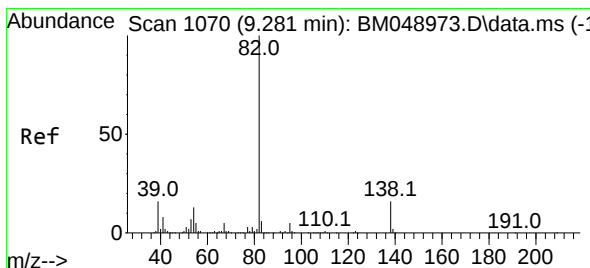
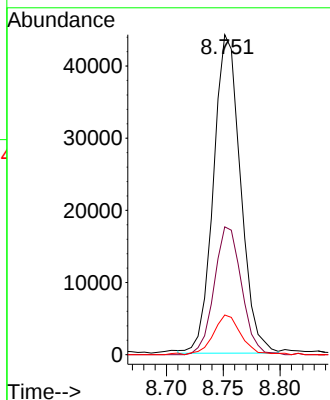
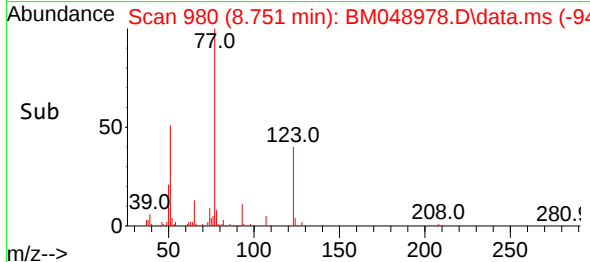
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 77 Resp: 7324
Ion Ratio Lower Upper
77 100
123 40.0 34.3 51.5
65 12.4 10.0 15.0

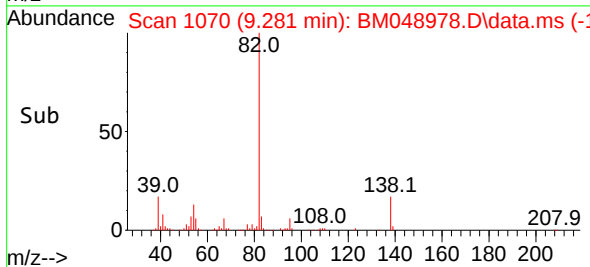
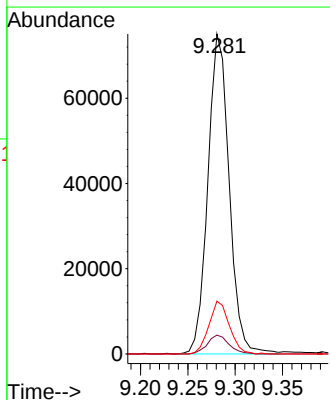
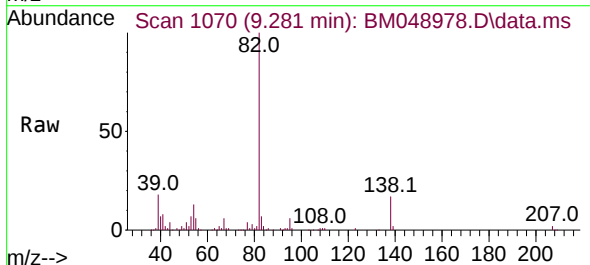
Manual Integrations
APPROVED

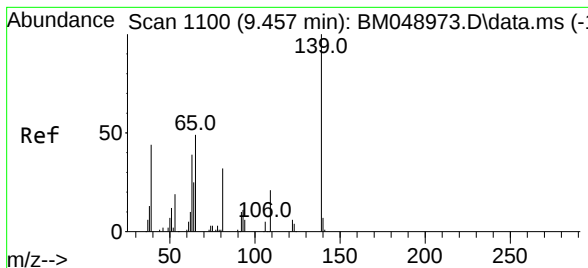
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#23
Isophorone
Concen: 3.676 ng/ul
RT: 9.281 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion: 82 Resp: 117314
Ion Ratio Lower Upper
82 100
95 5.9 4.7 7.1
138 16.5 13.7 20.5





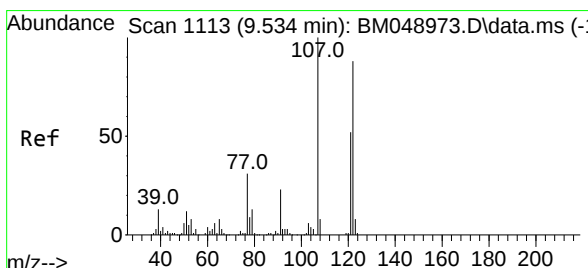
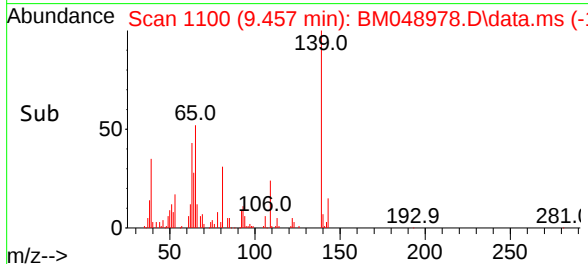
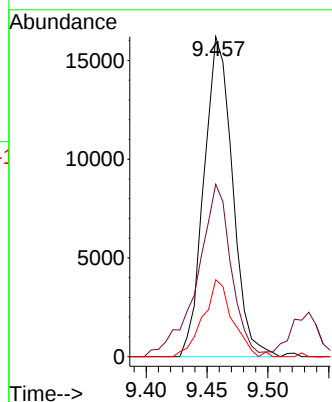
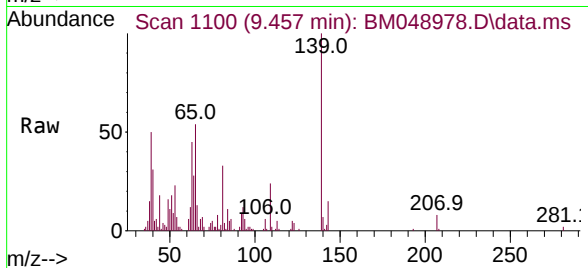
#25
2-Nitrophenol
Concen: 3.697 ng/ul
RT: 9.457 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-08

Tgt Ion:139 Resp: 26540
Ion Ratio Lower Upper
139 100
65 53.9 41.4 62.0
109 24.1 17.8 26.6

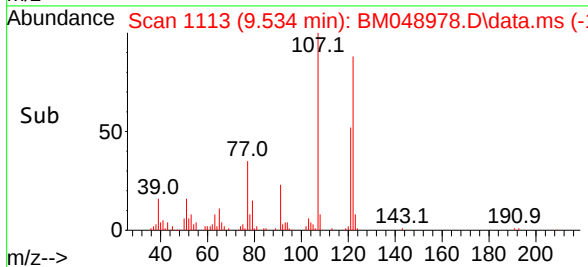
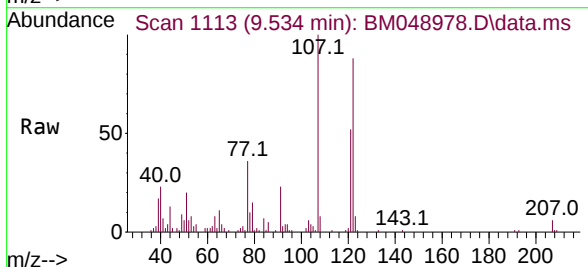
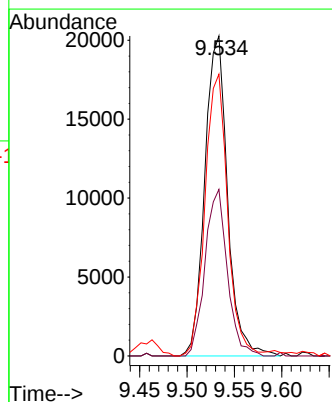
Manual Integrations
APPROVED

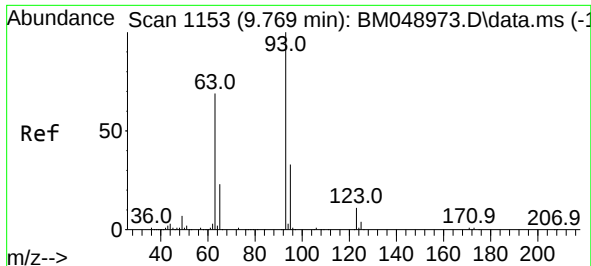
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#26
2,4-Dimethylphenol
Concen: 2.271 ng/ul
RT: 9.534 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

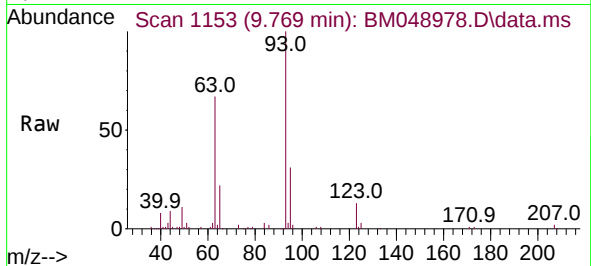
Tgt Ion:107 Resp: 33864
Ion Ratio Lower Upper
107 100
121 52.0 40.2 60.4
122 88.0 68.6 102.8





#27
Bis(2-Chloroethoxy)methane
Concen: 3.889 ng/ul
RT: 9.769 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

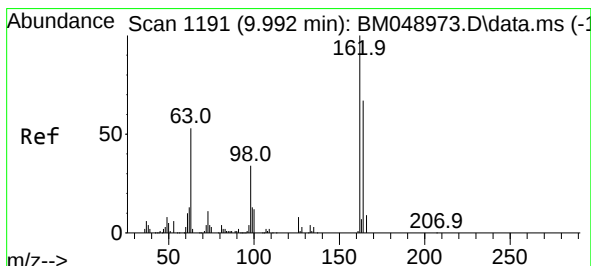
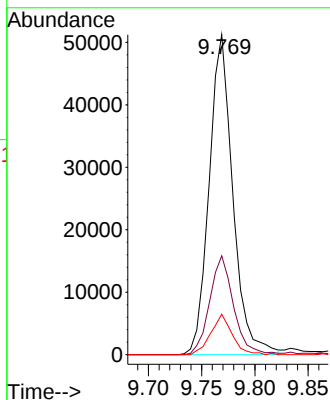
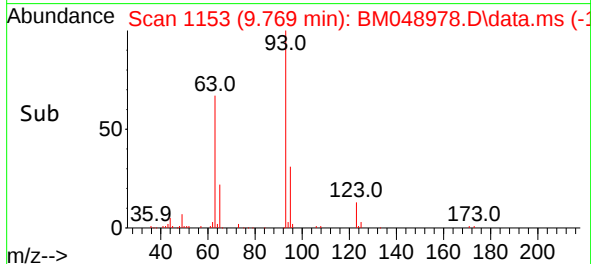
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion: 93 Resp: 79335
Ion Ratio Lower Upper
93 100
95 30.9 26.6 40.0
123 12.7 8.8 13.2

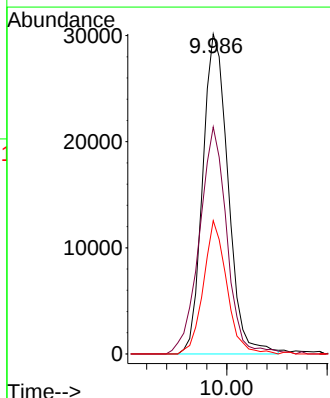
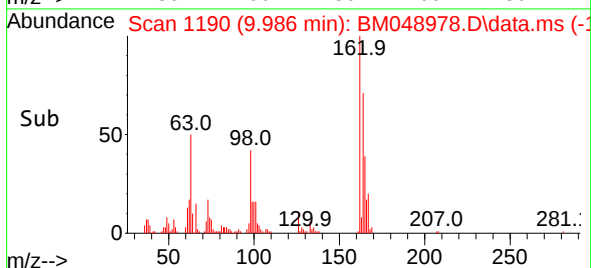
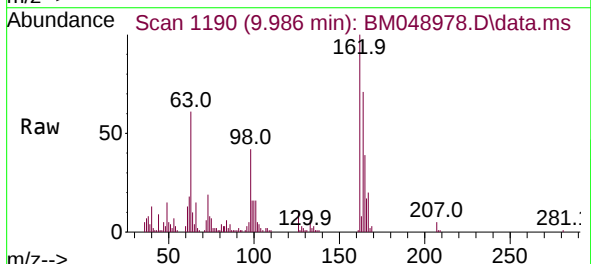
Manual Integrations
APPROVED

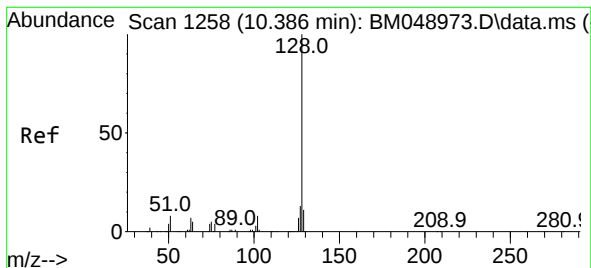
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#29
2,4-Dichlorophenol
Concen: 3.954 ng/ul
RT: 9.986 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

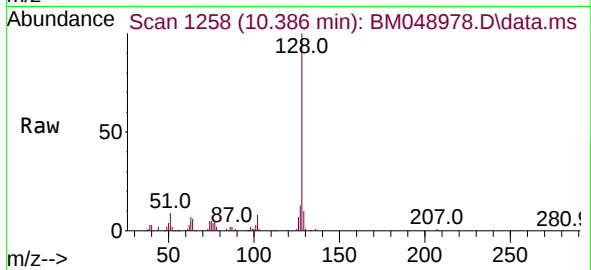
Tgt Ion:162 Resp: 52948
Ion Ratio Lower Upper
162 100
164 71.0 50.5 75.7
98 41.7 28.3 42.5





#30
Naphthalene
Concen: 4.075 ng/ul
RT: 10.386 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

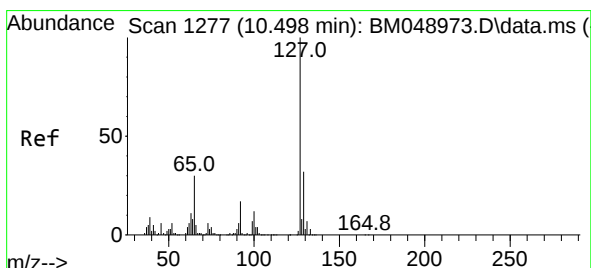
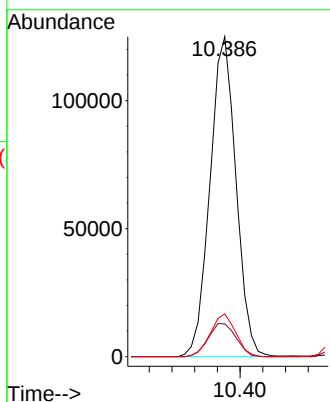
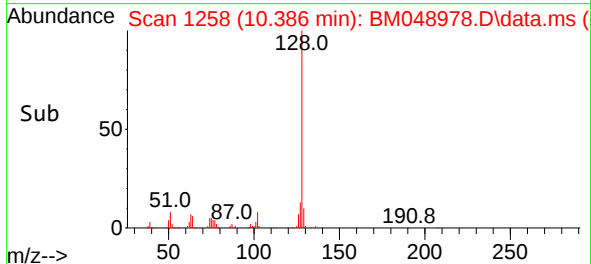
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:128 Resp: 19878
Ion Ratio Lower Upper
128 100
129 10.2 8.7 13.1
127 13.3 10.1 15.1

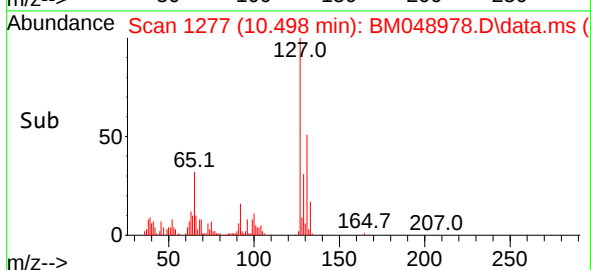
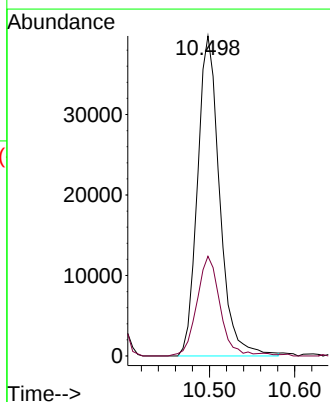
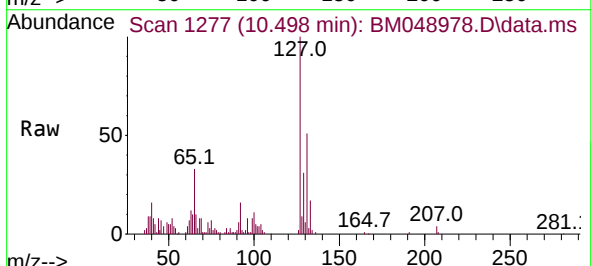
Manual Integrations
APPROVED

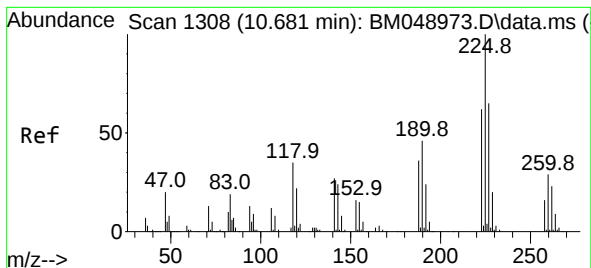
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#32
4-Chloroaniline
Concen: 3.695 ng/ul
RT: 10.498 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

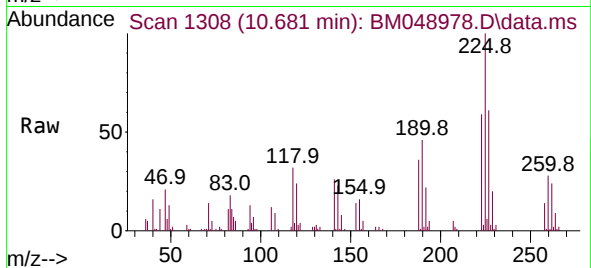
Tgt Ion:127 Resp: 71850
Ion Ratio Lower Upper
127 100
129 31.2 26.5 39.7





#33
Hexachlorobutadiene
Concen: 4.032 ng/uI
RT: 10.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

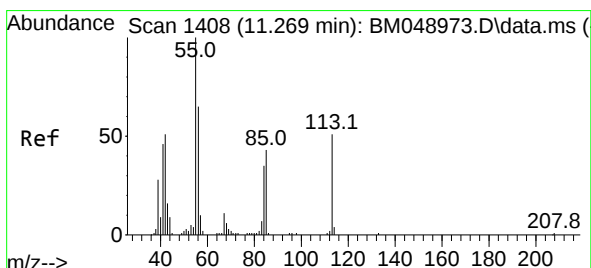
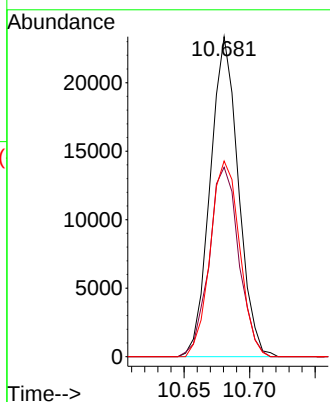
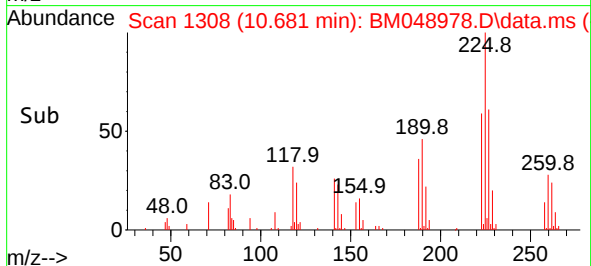
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:225 Resp: 3484
Ion Ratio Lower Upper
225 100
223 59.2 48.9 73.3
227 61.2 50.9 76.3

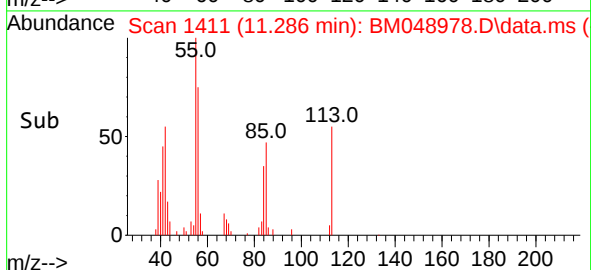
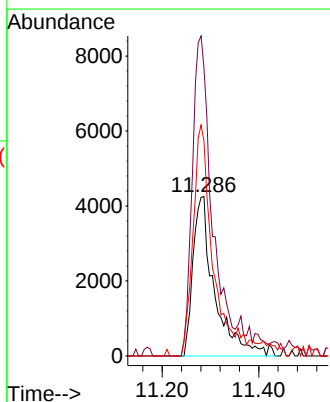
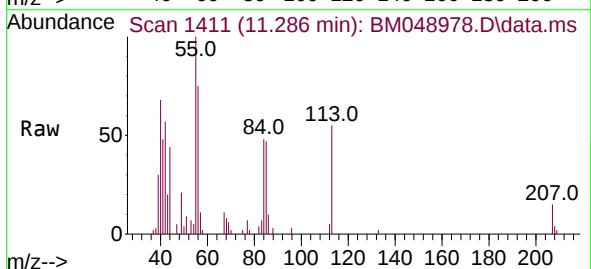
Manual Integrations
APPROVED

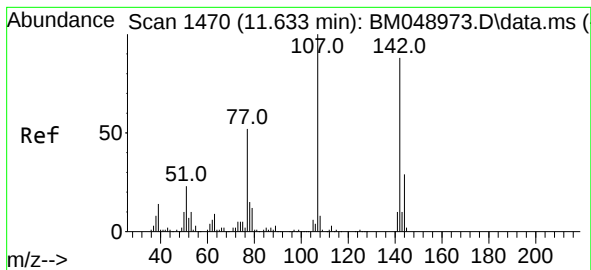
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#34
Caprolactam
Concen: 3.145 ng/uI m
RT: 11.286 min Scan# 1411
Delta R.T. 0.018 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

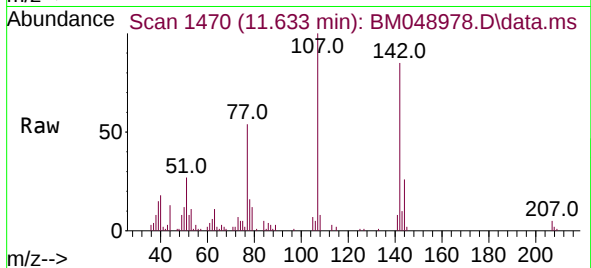
Tgt Ion:113 Resp: 13267
Ion Ratio Lower Upper
113 100
55 180.9 143.5 215.3
56 134.9 96.9 145.3





#35
4-Chloro-3-methylphenol
Concen: 3.259 ng/ul
RT: 11.633 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

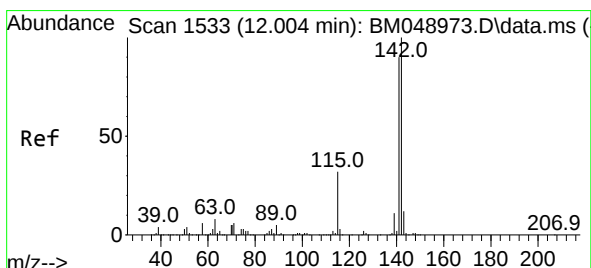
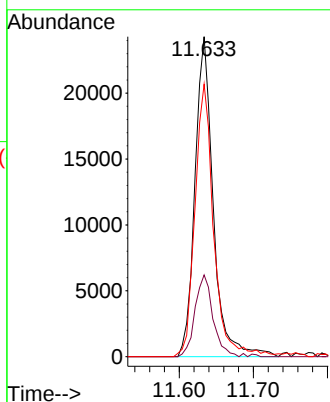
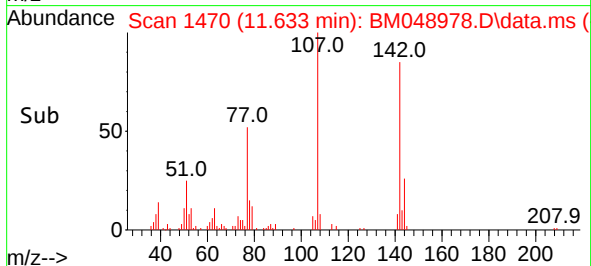
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:107 Resp: 41739
Ion Ratio Lower Upper
107 100
144 25.5 22.2 33.4
142 85.1 66.6 99.8

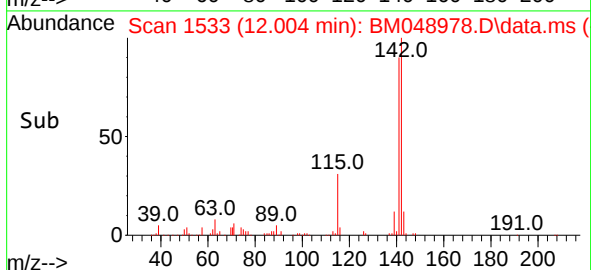
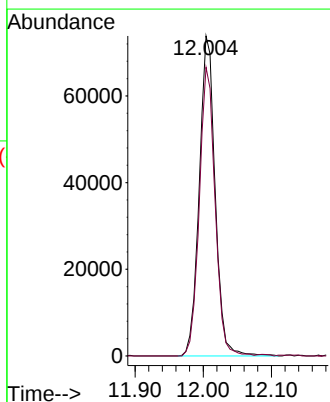
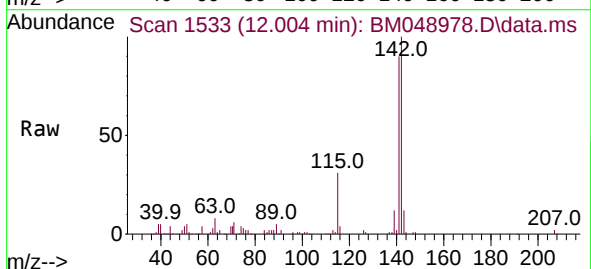
Manual Integrations
APPROVED

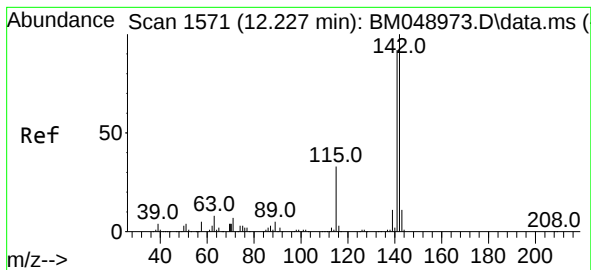
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#36
2-Methylnaphthalene
Concen: 3.872 ng/ul
RT: 12.004 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

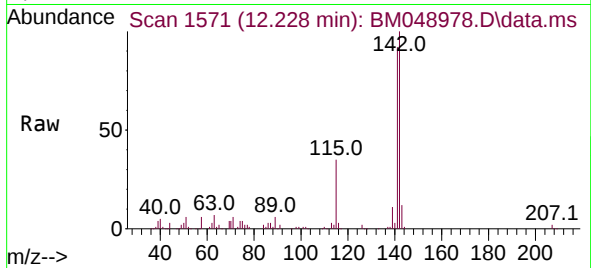
Tgt Ion:142 Resp: 119627
Ion Ratio Lower Upper
142 100
141 90.2 70.9 106.3





#37
1-Methylnaphthalene
Concen: 3.528 ng/ul
RT: 12.228 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

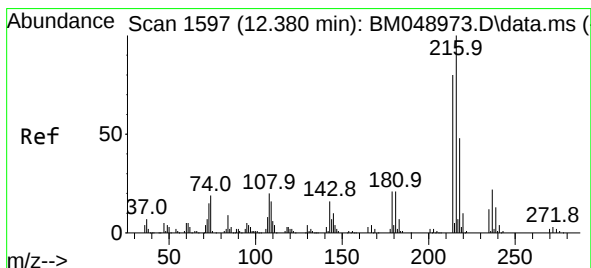
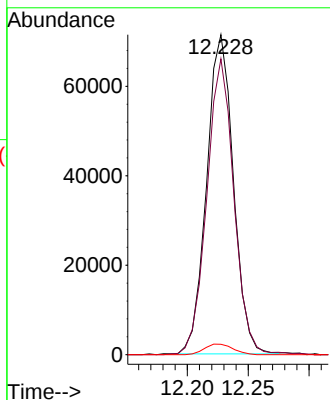
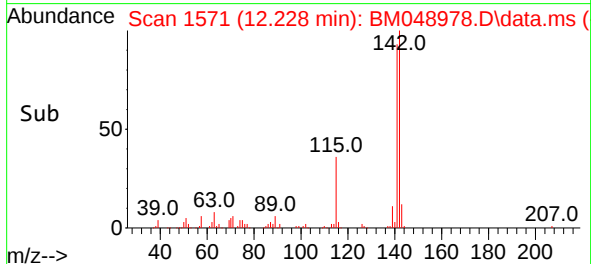
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:142 Resp: 108920
Ion Ratio Lower Upper
142 100
141 92.4 75.1 112.7
116 3.3 2.9 4.3

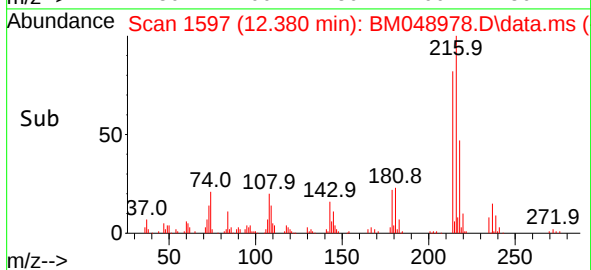
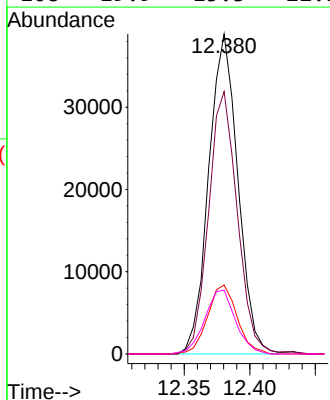
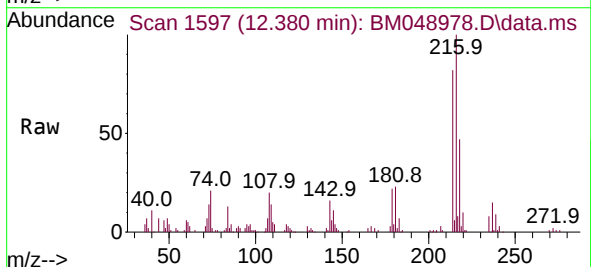
Manual Integrations
APPROVED

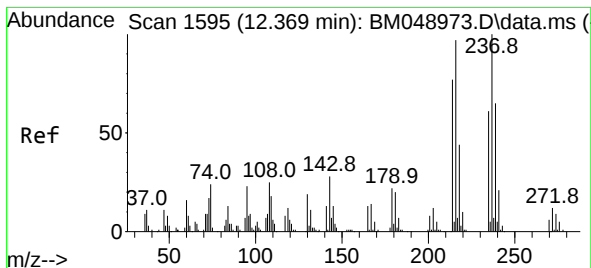
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.069 ng/ul
RT: 12.380 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

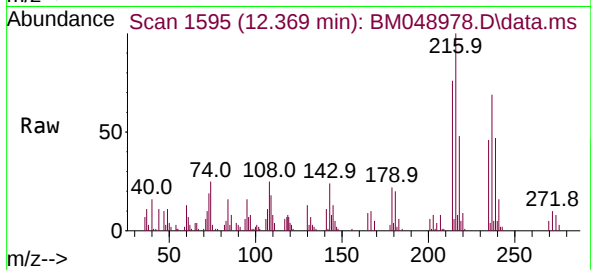
Tgt Ion:216 Resp: 60184
Ion Ratio Lower Upper
216 100
214 82.0 63.7 95.5
179 21.5 17.8 26.8
108 19.9 15.3 22.9





#40
Hexachlorocyclopentadiene
Concen: 2.643 ng/ul
RT: 12.369 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

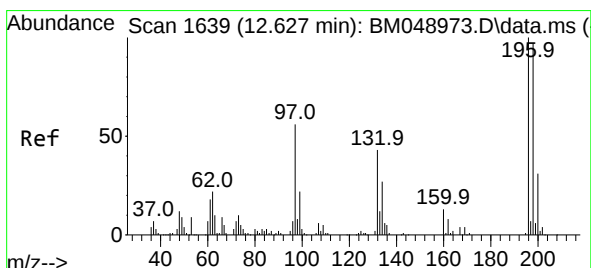
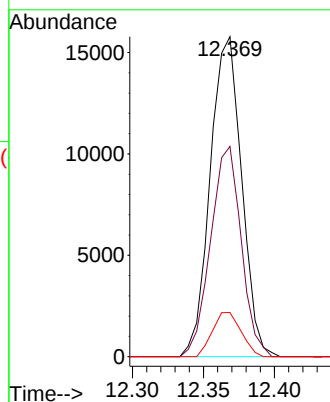
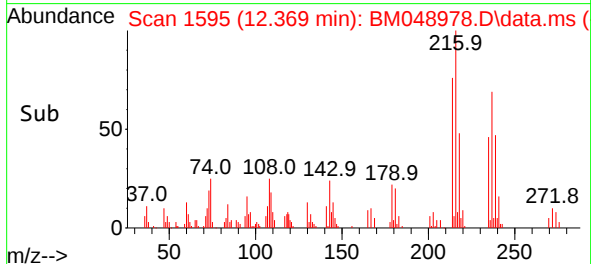
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



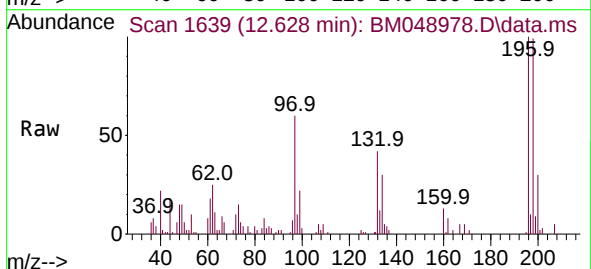
Tgt Ion:237 Resp: 24274
Ion Ratio Lower Upper
237 100
235 65.7 50.5 75.7
272 13.8 9.8 14.6

Manual Integrations
APPROVED

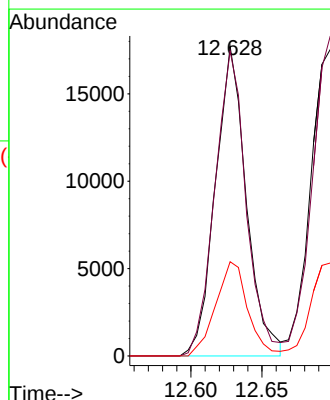
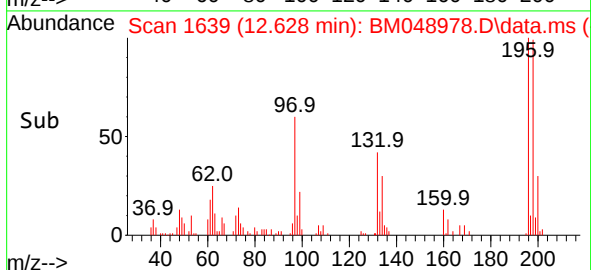
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

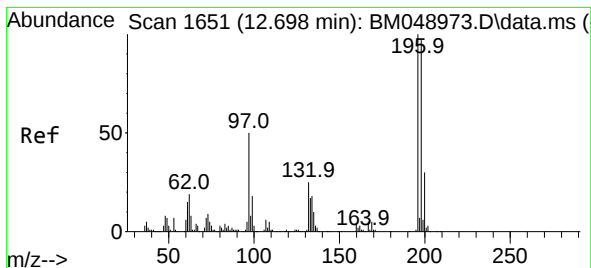


#41
2,4,6-Trichlorophenol
Concen: 3.235 ng/ul
RT: 12.628 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



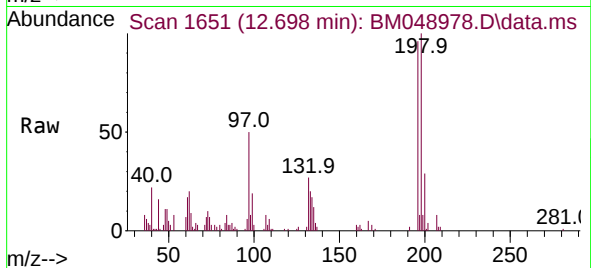
Tgt Ion:196 Resp: 26847
Ion Ratio Lower Upper
196 100
198 98.5 77.9 116.9
200 30.4 25.0 37.6





#42
2,4,5-Trichlorophenol
Concen: 3.312 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

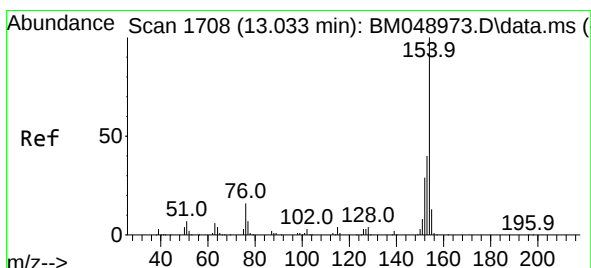
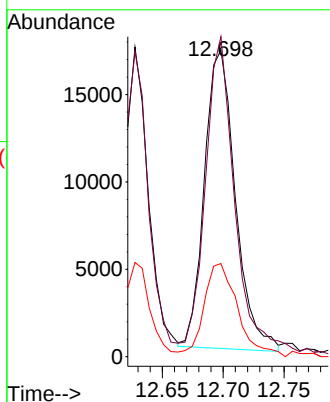
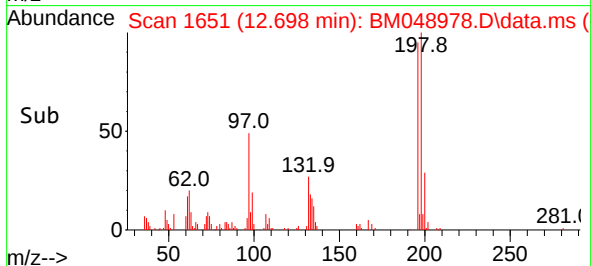
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



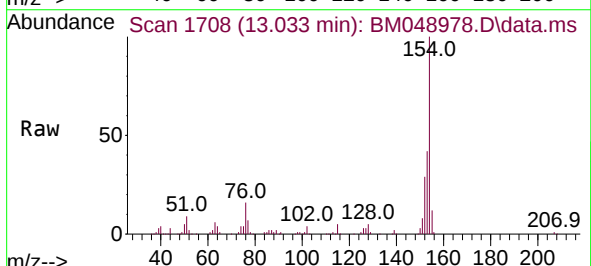
Tgt Ion:196 Resp: 30250
Ion Ratio Lower Upper
196 100
198 104.4 75.4 113.0
200 30.4 24.4 36.6

Manual Integrations
APPROVED

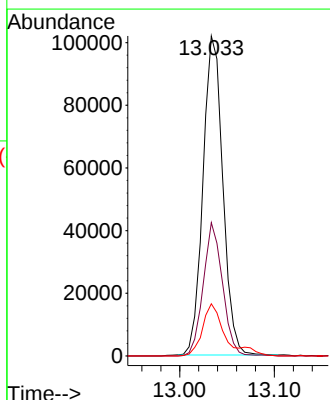
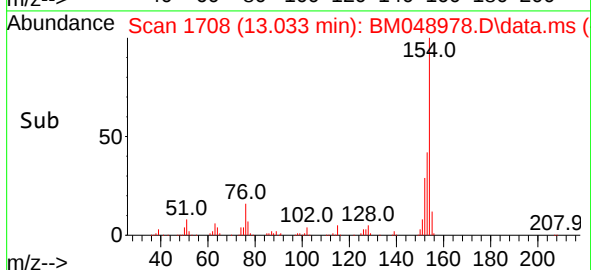
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

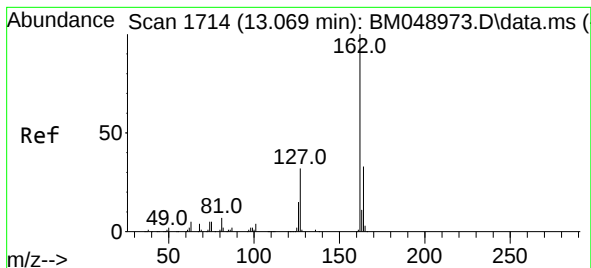


#43
1,1'-Biphenyl
Concen: 4.048 ng/ul
RT: 13.033 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



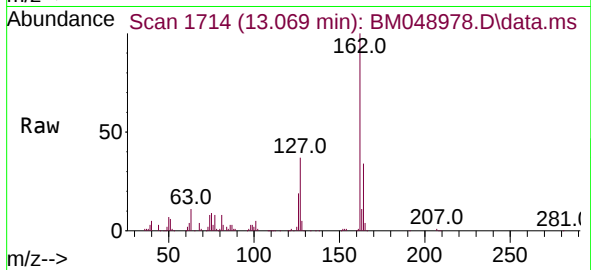
Tgt Ion:154 Resp: 148056
Ion Ratio Lower Upper
154 100
153 41.7 31.4 47.0
76 16.3 12.2 18.4





#44
2-Chloronaphthalene
Concen: 4.117 ng/ul
RT: 13.069 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

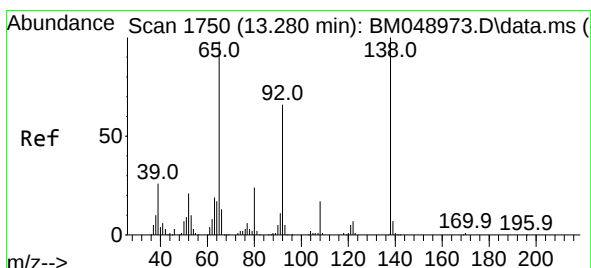
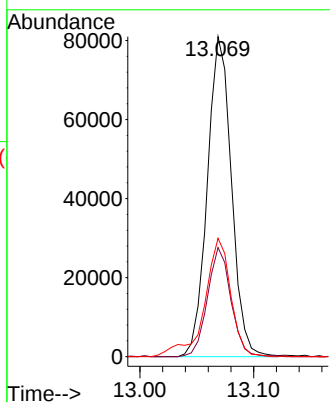
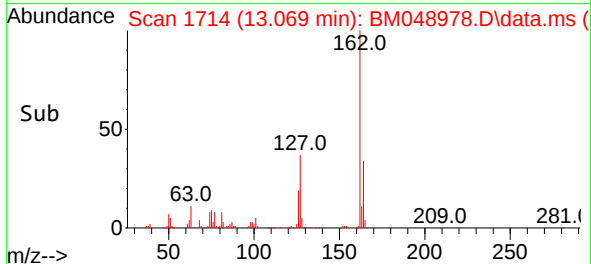
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:162 Resp: 119654
Ion Ratio Lower Upper
162 100
164 34.1 26.2 39.2
127 37.0 28.6 42.8

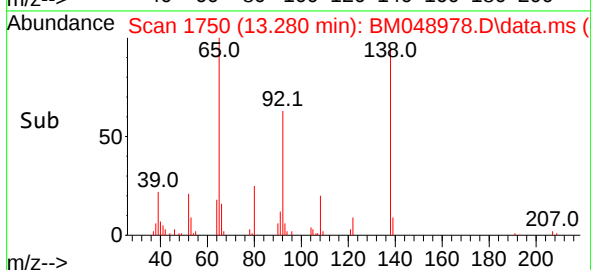
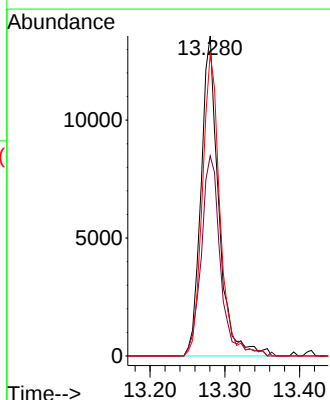
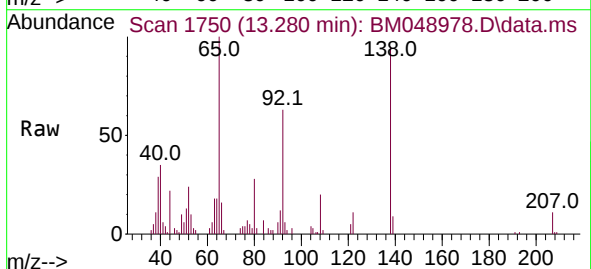
Manual Integrations
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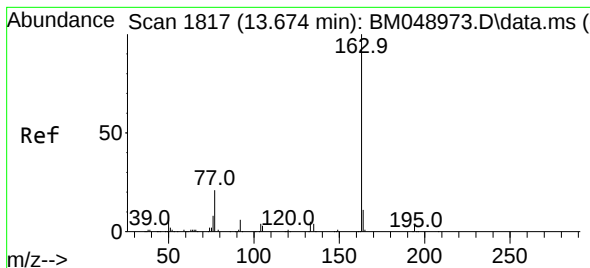
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#45
2-Nitroaniline
Concen: 2.990 ng/ul m
RT: 13.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion: 65 Resp: 22289
Ion Ratio Lower Upper
65 100
92 62.5 54.6 81.8
138 94.5 76.1 114.1





#47

Dimethylphthalate

Concen: 3.923 ng/ul

RT: 13.674 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BM048978.D

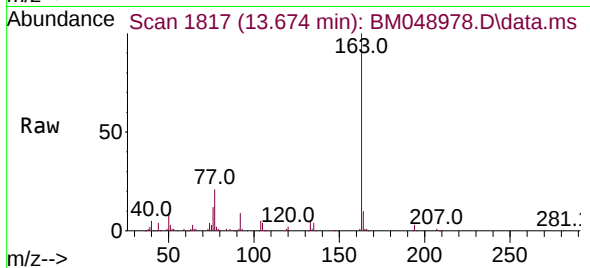
Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08



Tgt Ion:163 Resp: 130580

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

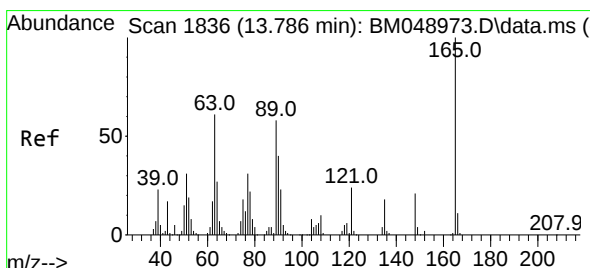
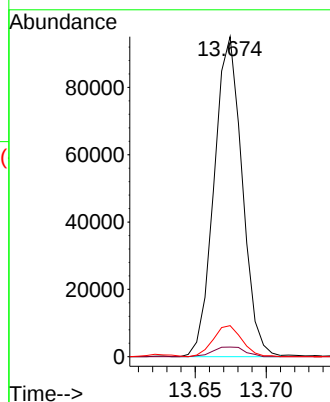
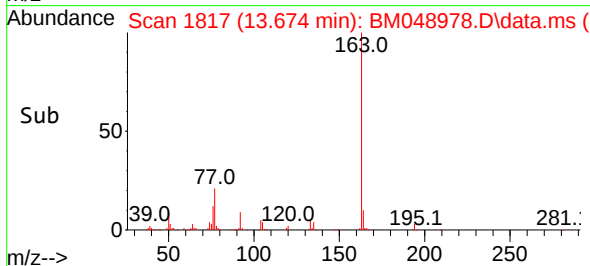
164 9.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#48

2,6-Dinitrotoluene

Concen: 2.901 ng/ul

RT: 13.786 min Scan# 1836

Delta R.T. 0.000 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

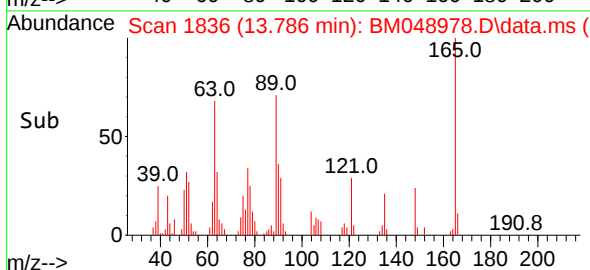
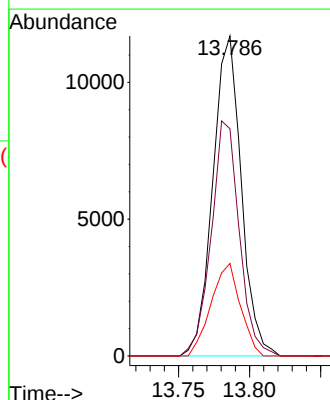
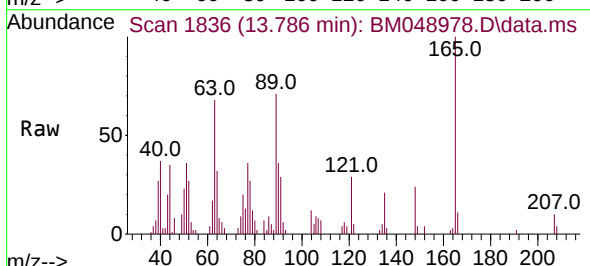
Tgt Ion:165 Resp: 16284

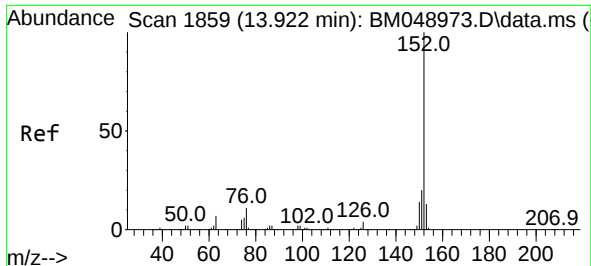
Ion Ratio Lower Upper

165 100

89 71.0 52.4 78.6

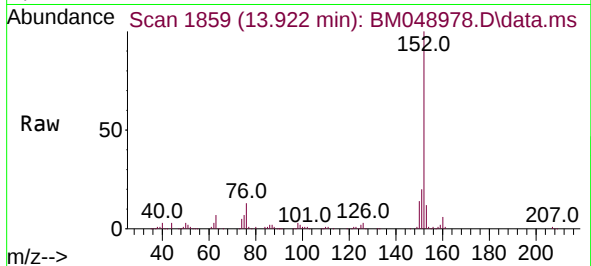
121 28.9 18.0 27.0#





#50
Acenaphthylene
Concen: 4.161 ng/ul
RT: 13.922 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

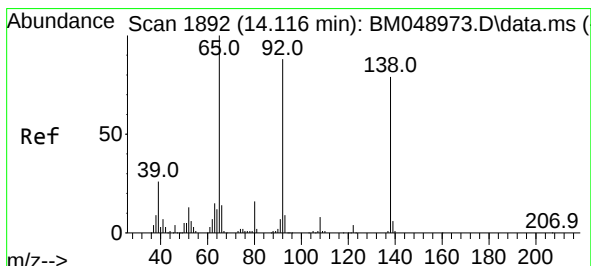
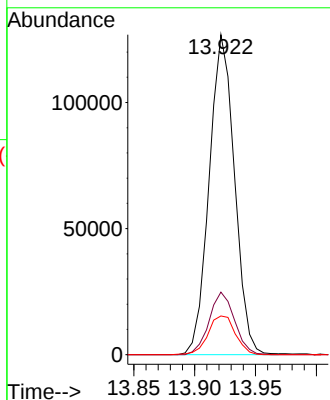
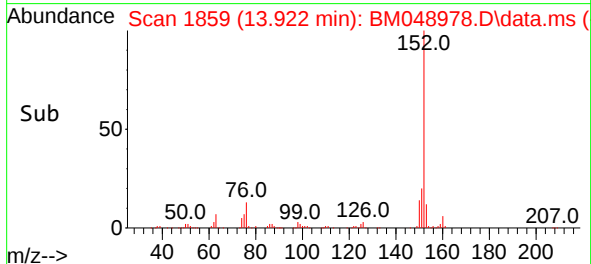
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:152 Resp: 183915
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.4
153 12.1 10.3 15.5

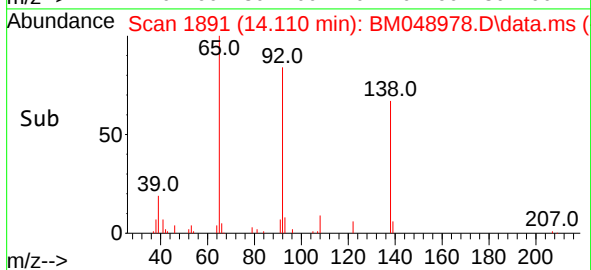
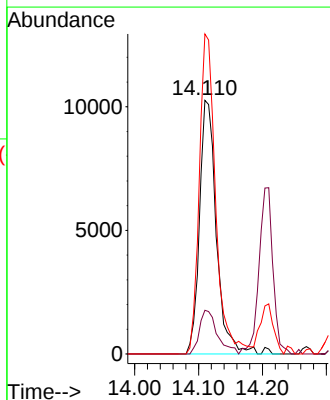
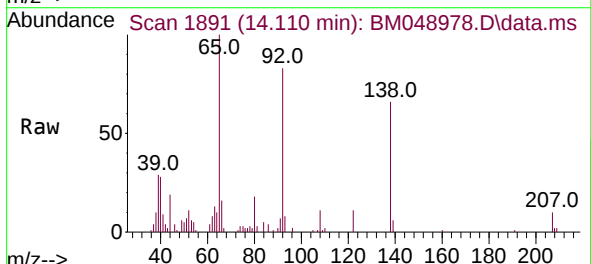
Manual Integrations
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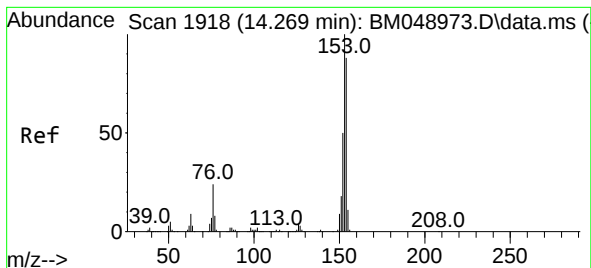
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#51
3-Nitroaniline
Concen: 2.891 ng/ul m
RT: 14.110 min Scan# 1891
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion:138 Resp: 18900
Ion Ratio Lower Upper
138 100
108 17.2 8.6 13.0#
92 126.2 93.8 140.6





#52

Acenaphthene

Concen: 4.060 ng/ul

RT: 14.269 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

Tgt Ion:153 Resp: 12728

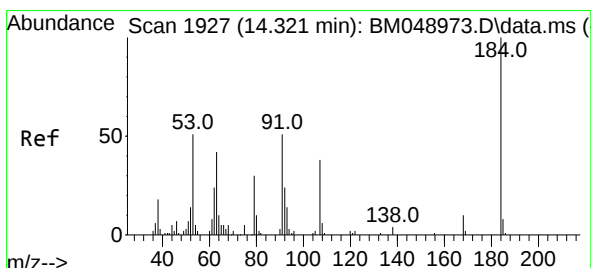
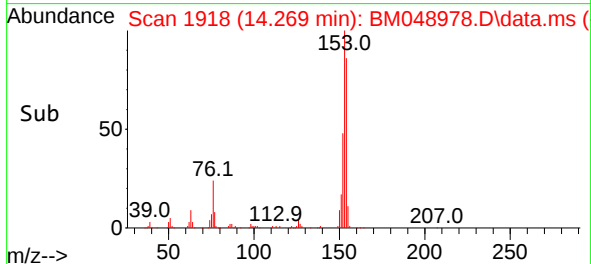
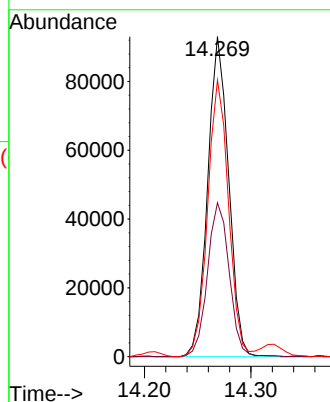
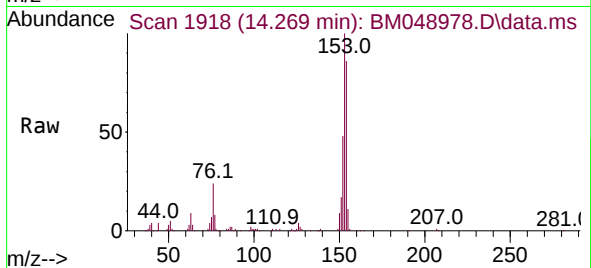
Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.1	58.7
154	86.4	69.1	103.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#53

2,4-Dinitrophenol

Concen: 3.140 ng/ul

RT: 14.316 min Scan# 1926

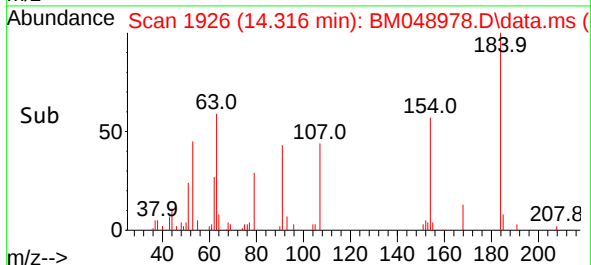
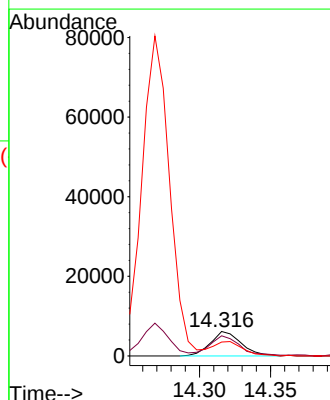
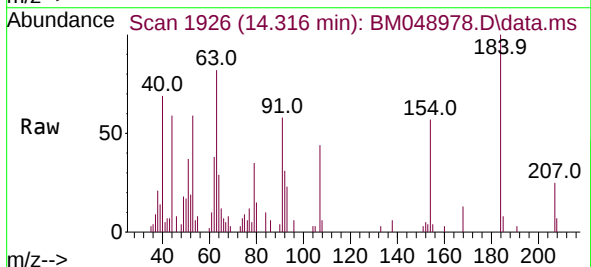
Delta R.T. -0.006 min

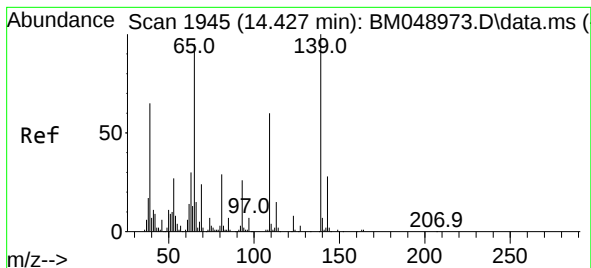
Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:184 Resp: 9204

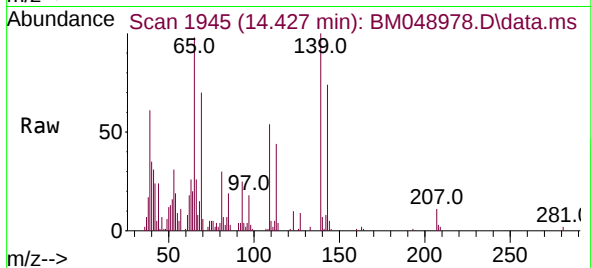
Ion	Ratio	Lower	Upper
184	100		
63	82.3	61.2	91.8
154	56.9	48.6	73.0





#55
4-Nitrophenol
Concen: 3.498 ng/ul m
RT: 14.427 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

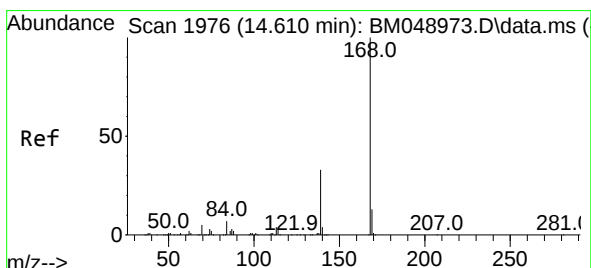
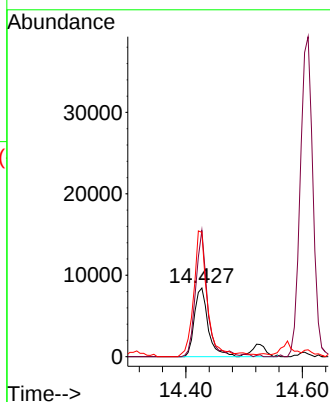
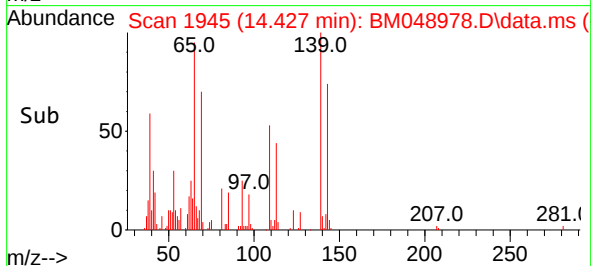
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:109 Resp: 16339
Ion Ratio Lower Upper
109 100
139 183.9 133.8 200.6
65 181.1 132.3 198.5

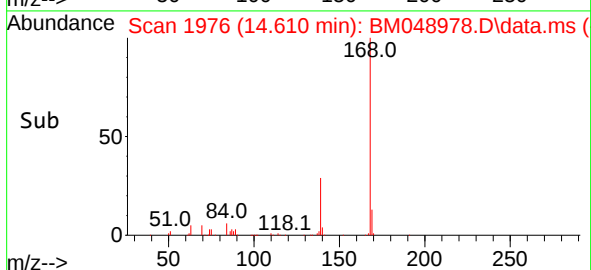
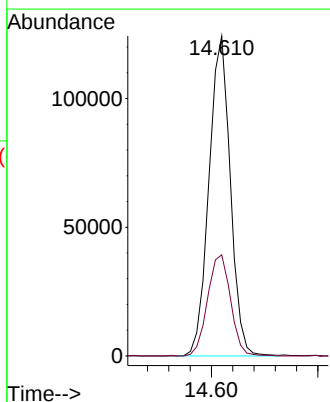
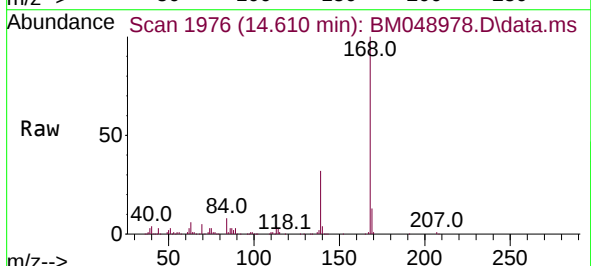
Manual Integrations
APPROVED

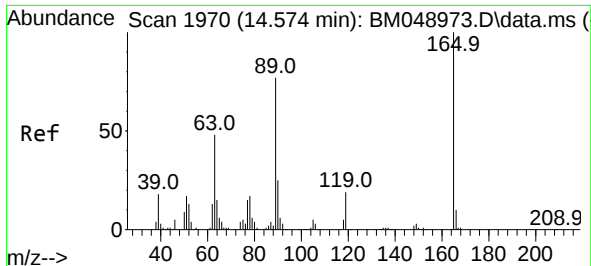
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#56
Dibenzofuran
Concen: 4.097 ng/ul
RT: 14.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion:168 Resp: 172896
Ion Ratio Lower Upper
168 100
139 31.6 27.6 41.4





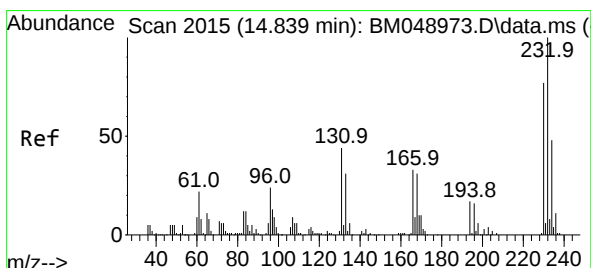
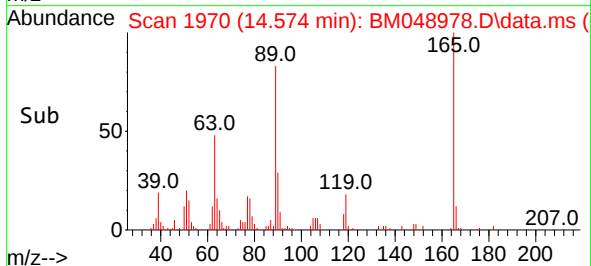
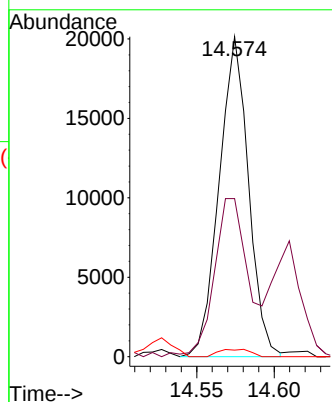
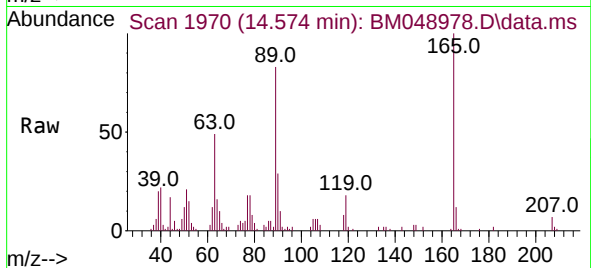
#57
2,4-Dinitrotoluene
Concen: 3.193 ng/ul
RT: 14.574 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:165 Resp: 26494
Ion Ratio Lower Upper
165 100
63 49.4 40.9 61.3
182 2.1 2.0 3.0

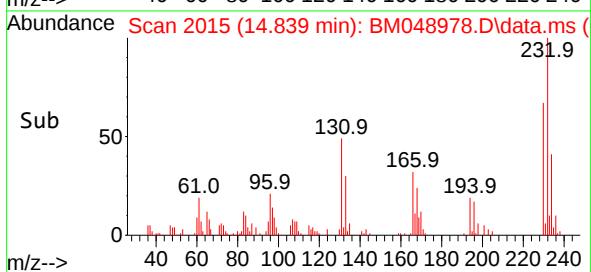
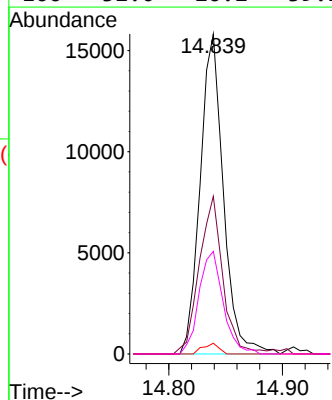
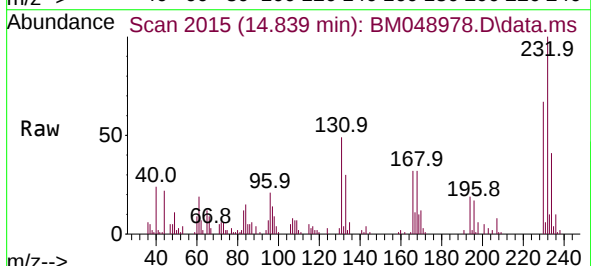
Manual Integrations
APPROVED

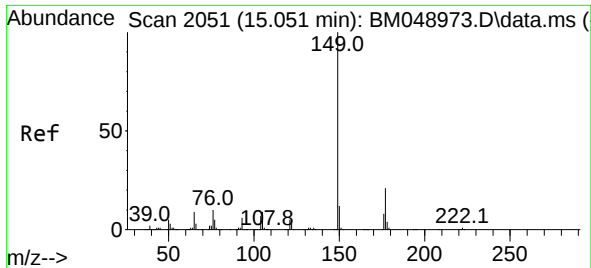
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#58
2,3,4,6-Tetrachlorophenol
Concen: 3.365 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

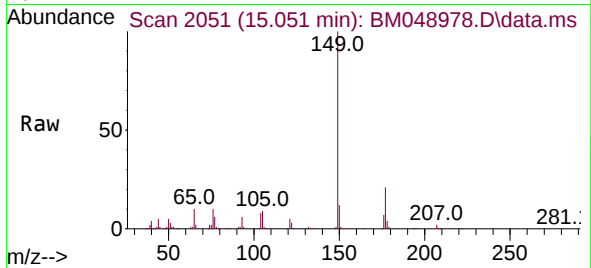
Tgt Ion:232 Resp: 22497
Ion Ratio Lower Upper
232 100
131 49.2 39.3 58.9
130 3.3 2.3 3.5
166 32.0 26.2 39.2





#59
Diethylphthalate
Concen: 3.712 ng/ul
RT: 15.051 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

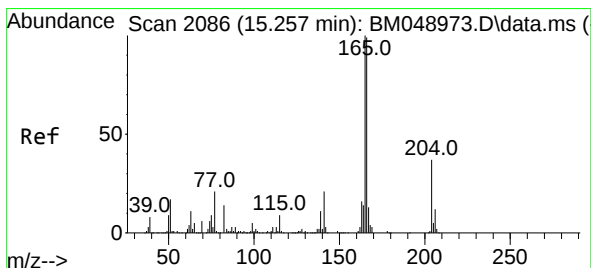
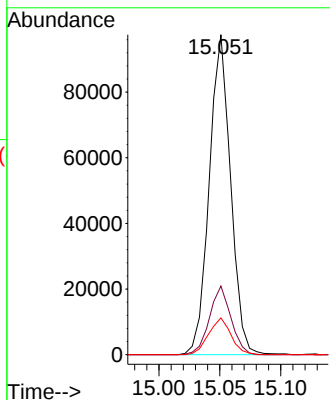
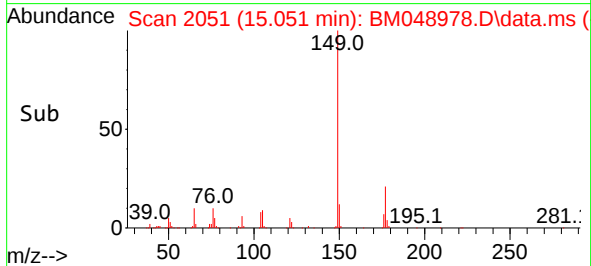
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



Tgt Ion:149 Resp: 118990
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 11.5 9.4 14.2

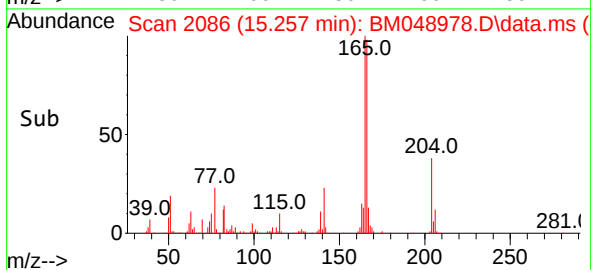
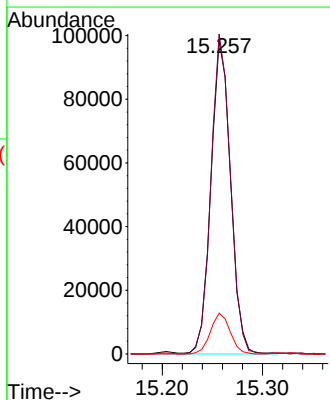
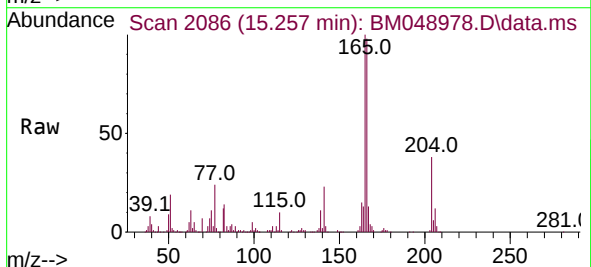
Manual Integrations
APPROVED

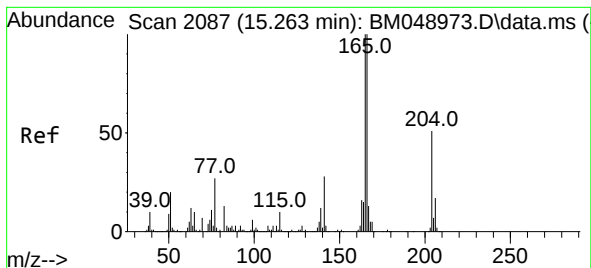
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#61
Fluorene
Concen: 3.848 ng/ul
RT: 15.257 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

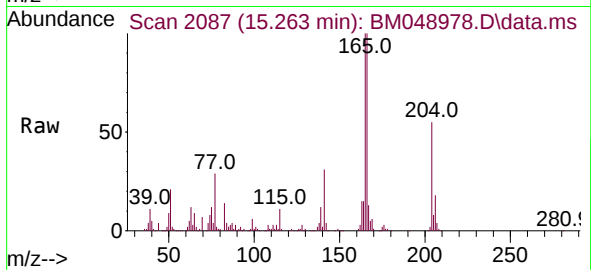
Tgt Ion:166 Resp: 134272
Ion Ratio Lower Upper
166 100
165 102.1 79.8 119.6
167 13.0 10.6 15.8





#62
4-Chlorophenyl-phenylether
Concen: 3.702 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

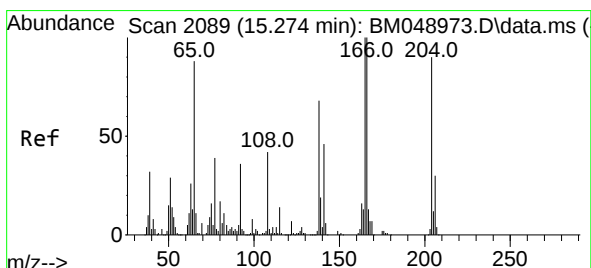
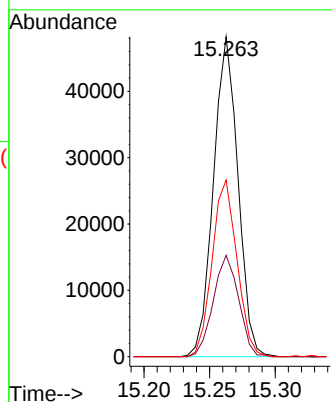
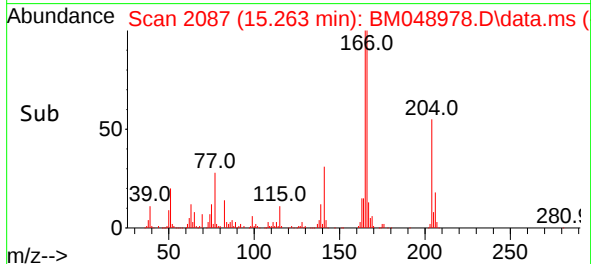
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:204 Resp: 6259
Ion Ratio Lower Upper
204 100
206 31.7 26.4 39.6
141 55.2 42.2 63.2

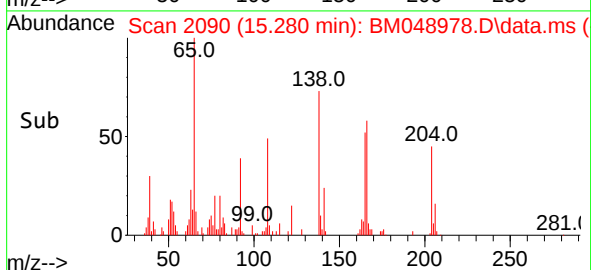
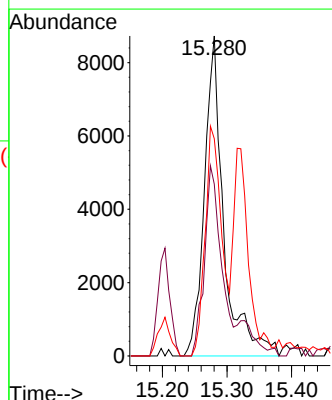
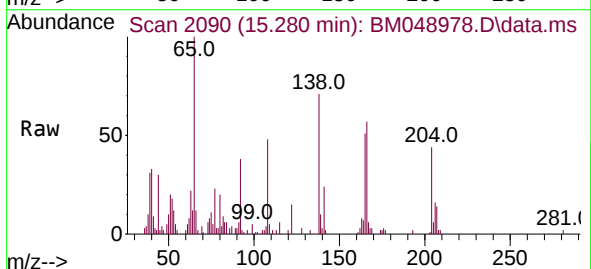
Manual Integrations
APPROVED

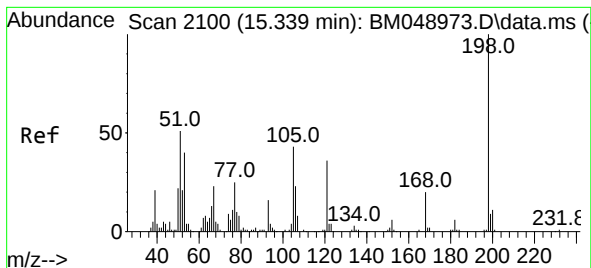
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#63
4-Nitroaniline
Concen: 2.926 ng/ul m
RT: 15.280 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

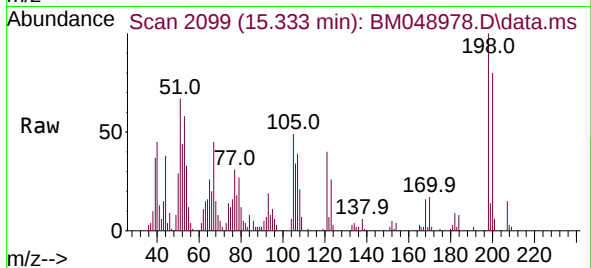
Tgt Ion:138 Resp: 18221
Ion Ratio Lower Upper
138 100
92 53.7 40.6 60.8
108 67.9 50.3 75.5





#66
4,6-Dinitro-2-methylphenol
Concen: 2.775 ng/ul
RT: 15.333 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

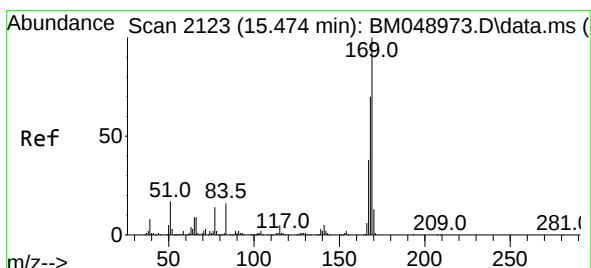
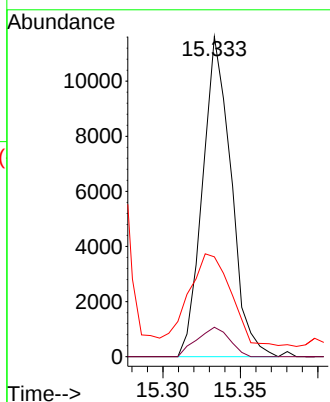
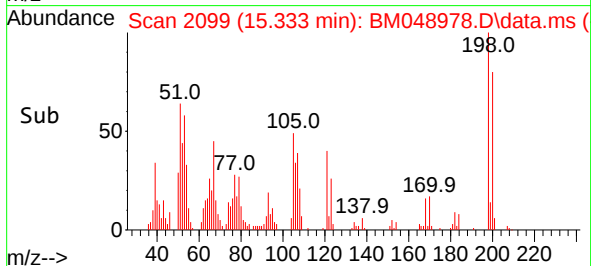
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



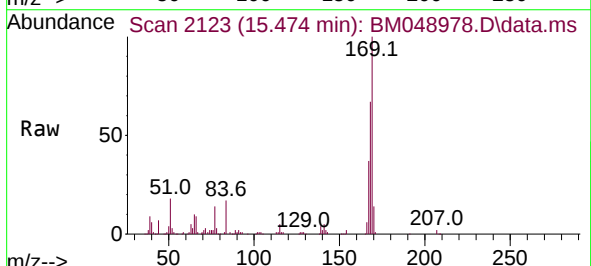
Tgt Ion:198 Resp: 14862
Ion Ratio Lower Upper
198 100
182 9.2 5.3 7.9
77 31.2 24.3 36.5

Manual Integrations
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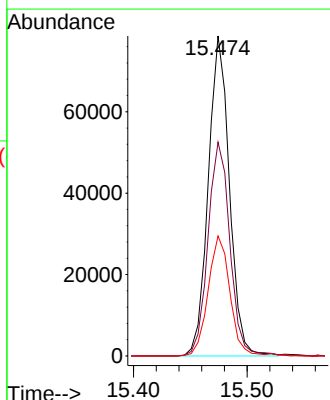
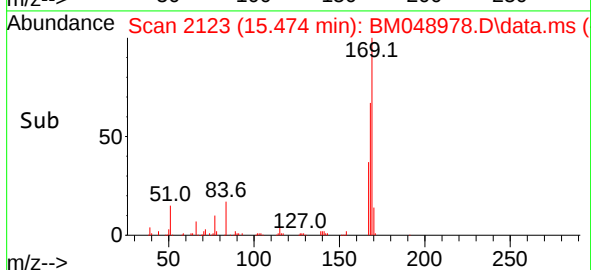
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

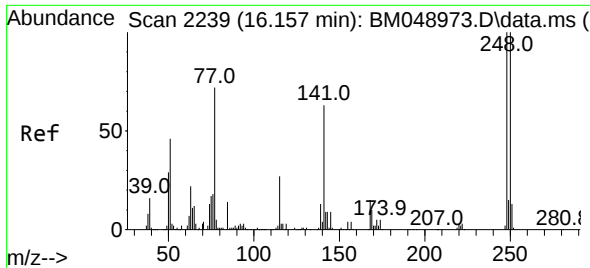


#67
N-Nitrosodiphenylamine
Concen: 3.621 ng/ul
RT: 15.474 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



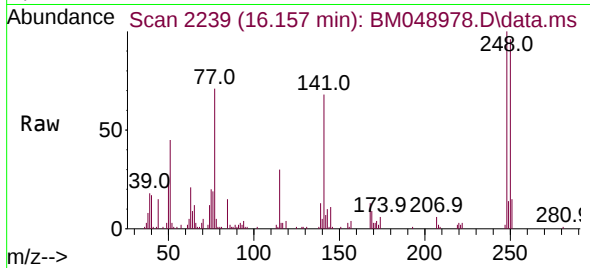
Tgt Ion:169 Resp: 101727
Ion Ratio Lower Upper
169 100
168 66.8 56.9 85.3
167 37.5 31.9 47.9





#68
4-Bromophenyl-phenylether
Concen: 3.494 ng/ul
RT: 16.157 min Scan# 2239
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

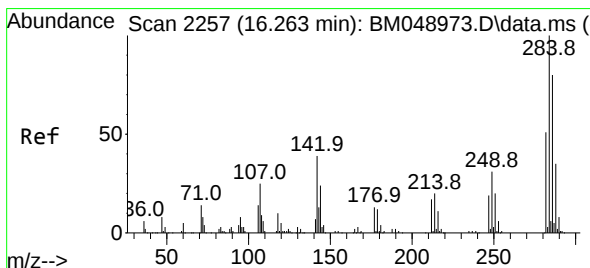
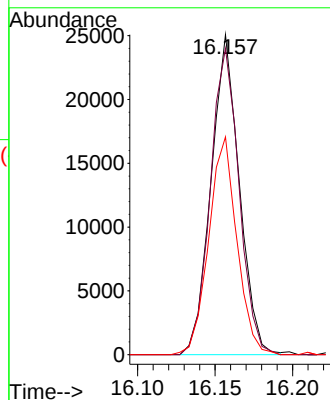
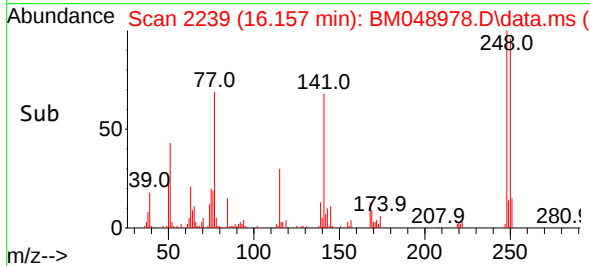
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



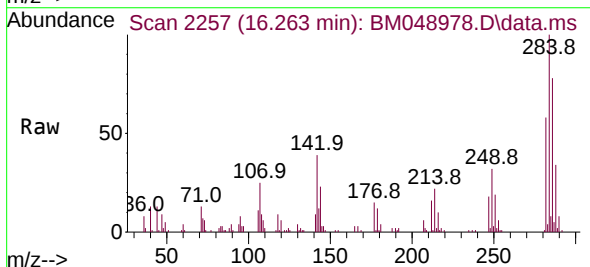
Tgt Ion:248 Resp: 31730
Ion Ratio Lower Upper
248 100
250 95.7 81.4 122.0
141 68.1 58.8 88.2

Manual Integrations
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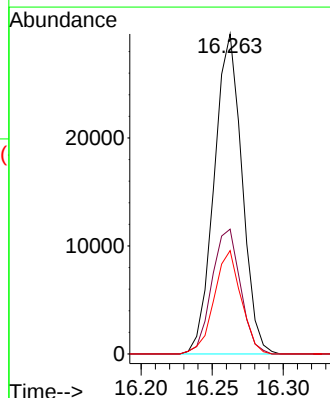
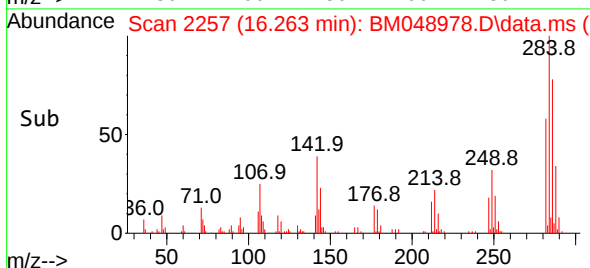
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

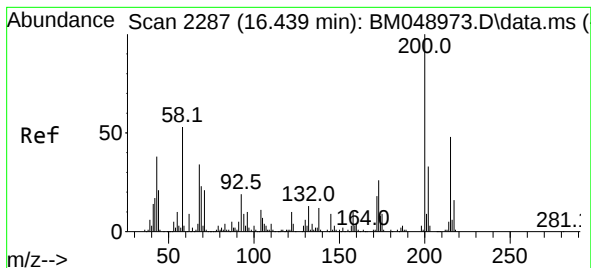


#69
Hexachlorobenzene
Concen: 3.702 ng/ul
RT: 16.263 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



Tgt Ion:284 Resp: 40418
Ion Ratio Lower Upper
284 100
142 39.0 32.0 48.0
249 32.3 24.6 37.0





#70

Atrazine

Concen: 3.008 ng/ul

RT: 16.439 min Scan# 2287

Delta R.T. 0.000 min

Lab File: BM048978.D

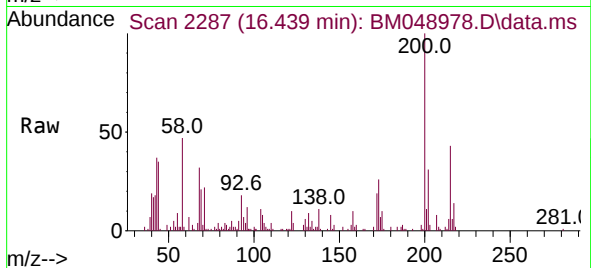
Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08



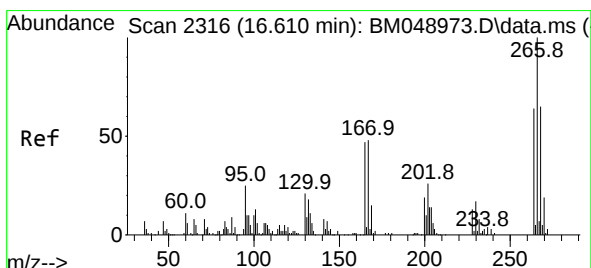
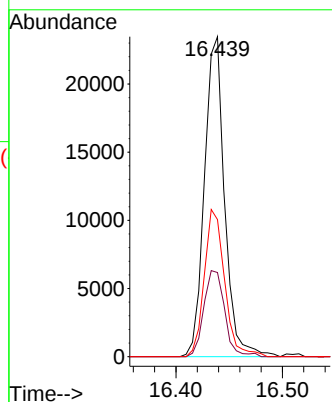
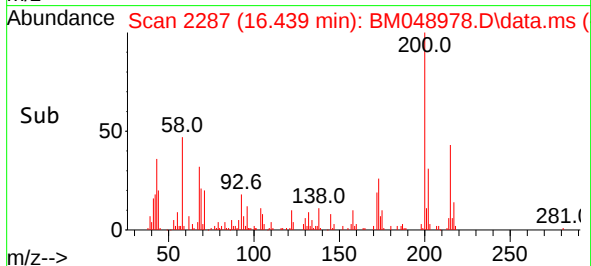
Tgt Ion:	200	Resp:	30979
Ion Ratio	Lower	Upper	
200	100		
173	26.3	20.7	31.1
215	42.8	37.7	56.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#71

Pentachlorophenol

Concen: 3.513 ng/ul

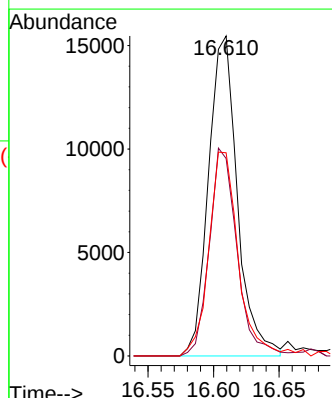
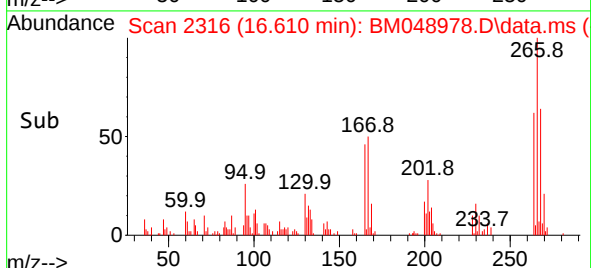
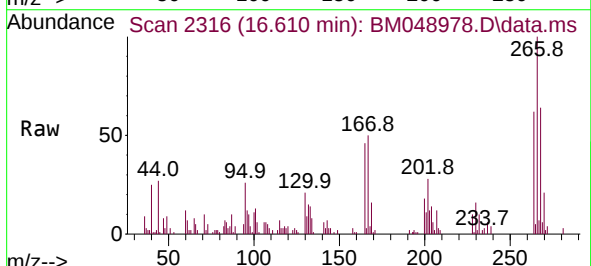
RT: 16.610 min Scan# 2316

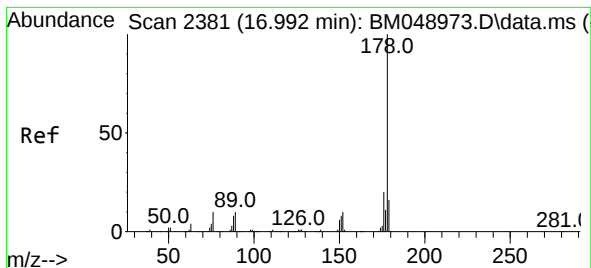
Delta R.T. 0.000 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:	266	Resp:	23742
Ion Ratio	Lower	Upper	
266	100		
264	61.7	48.4	72.6
268	63.5	52.0	78.0





#72

Phenanthrene

Concen: 3.744 ng/ul

RT: 16.992 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BM048978.D

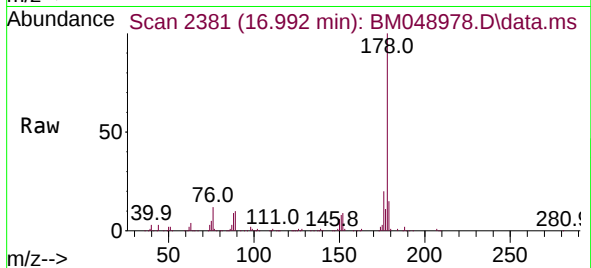
Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08



Tgt Ion:178 Resp: 199650

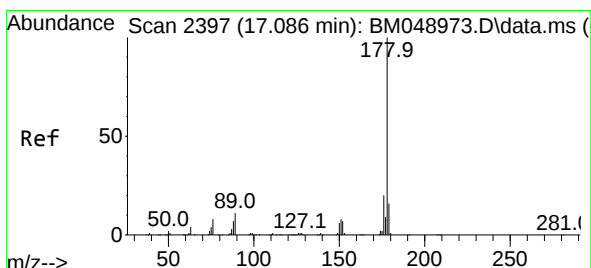
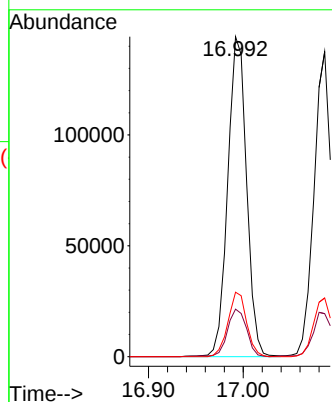
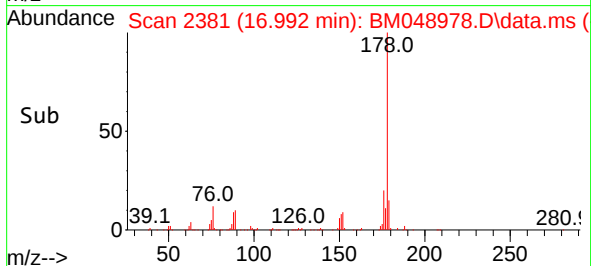
Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	20.2	16.2	24.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#74

Anthracene

Concen: 3.387 ng/ul

RT: 17.086 min Scan# 2397

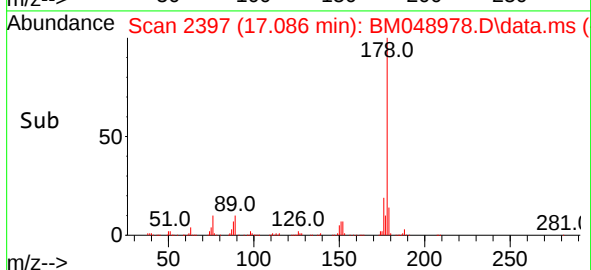
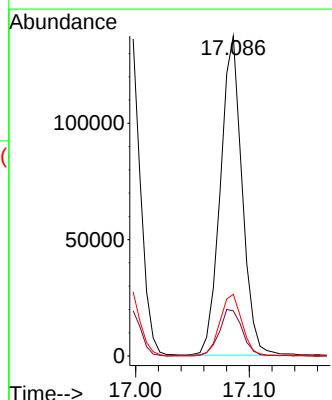
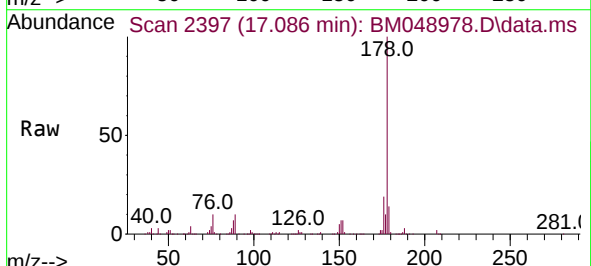
Delta R.T. 0.000 min

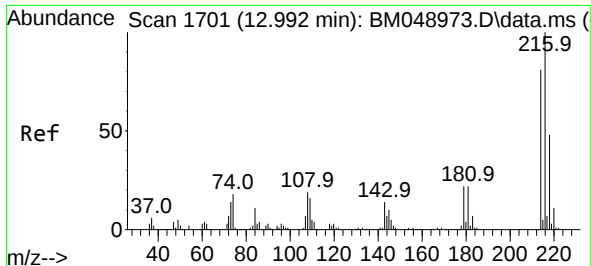
Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:178 Resp: 181894

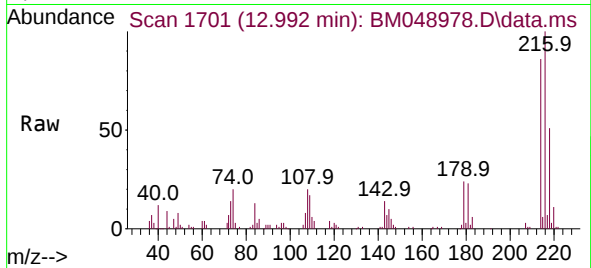
Ion	Ratio	Lower	Upper
178	100		
179	14.1	12.2	18.4
176	19.3	15.4	23.0





#75
1,2,3,4-Tetrachlorobenzene
Concen: 3.588 ng/uL
RT: 12.992 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

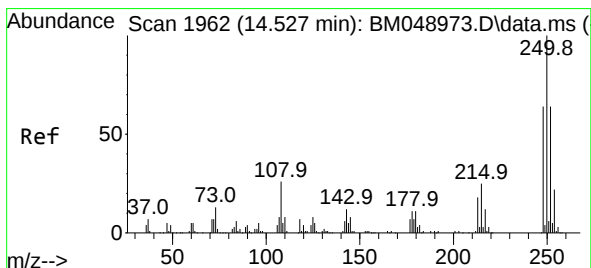
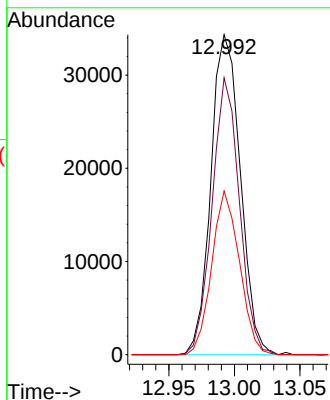
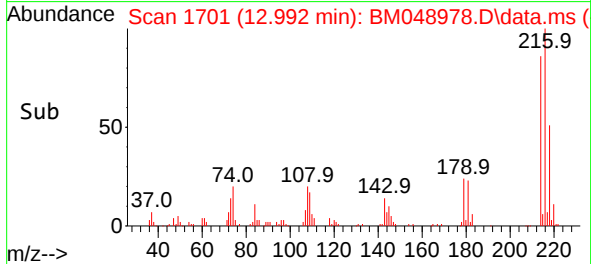
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT4-2024-08



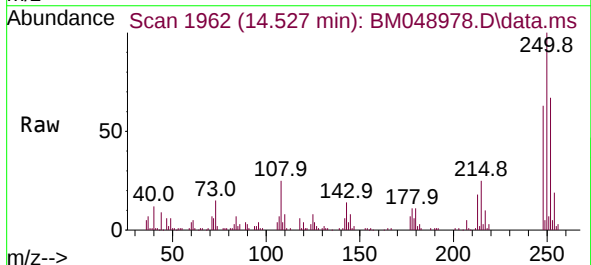
Tgt Ion:216 Resp: 53640
Ion Ratio Lower Upper
216 100
214 86.5 63.7 95.5
218 51.2 37.9 56.9

Manual Integrations
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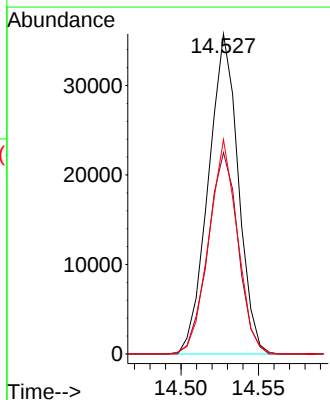
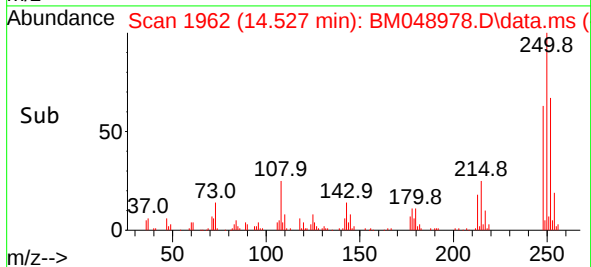
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

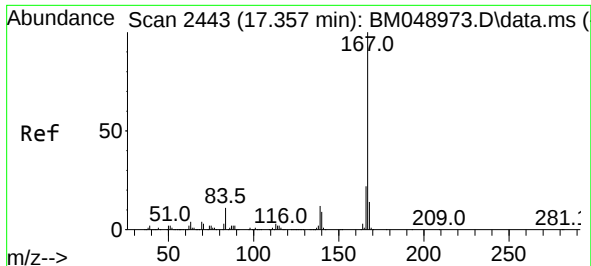


#76
Pentachlorobenzene
Concen: 3.305 ng/uL
RT: 14.527 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30



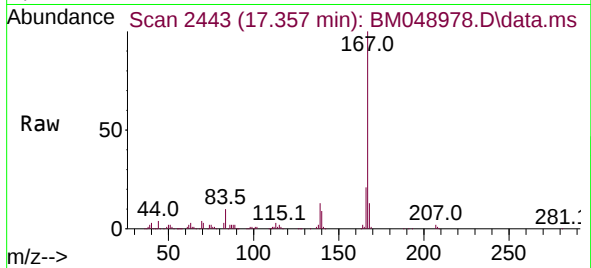
Tgt Ion:250 Resp: 47928
Ion Ratio Lower Upper
250 100
248 63.0 49.0 73.4
252 67.0 52.2 78.4





#77
 Carbazole
 Concen: 3.274 ng/ul
 RT: 17.357 min Scan# 2443
 Delta R.T. -0.006 min
 Lab File: BM048978.D
 Acq: 13 Dec 2024 12:30

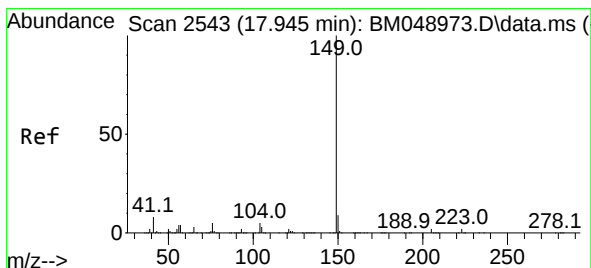
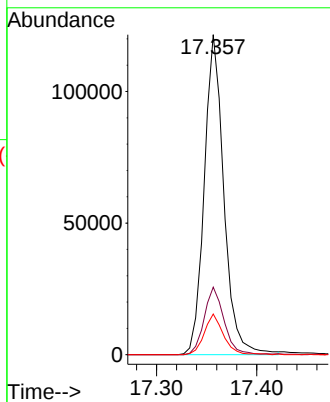
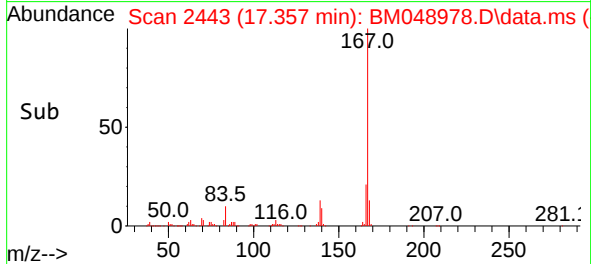
Instrument : BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT4-2024-08



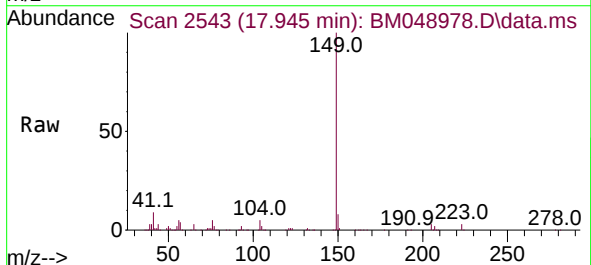
Tgt Ion:167 Resp: 165804
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.2
 139 12.7 9.7 14.5

Manual Integrations
 APPROVED

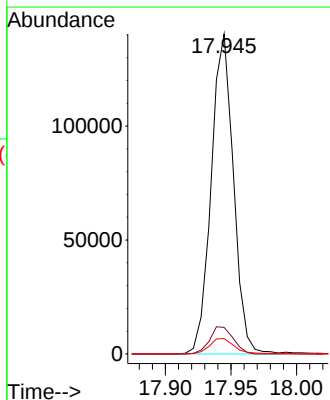
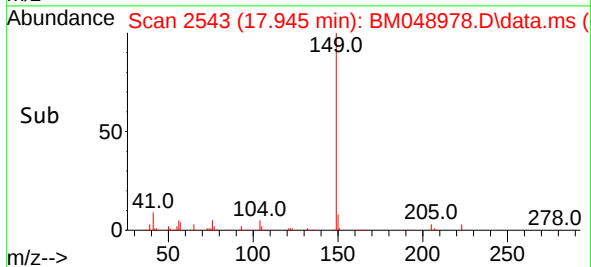
Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024

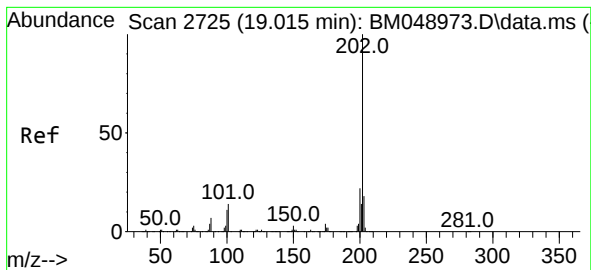


#78
 Di-n-butylphthalate
 Concen: 3.256 ng/ul
 RT: 17.945 min Scan# 2543
 Delta R.T. -0.006 min
 Lab File: BM048978.D
 Acq: 13 Dec 2024 12:30



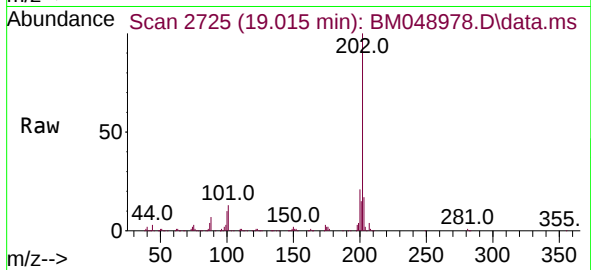
Tgt Ion:149 Resp: 165618
 Ion Ratio Lower Upper
 149 100
 150 8.3 7.1 10.7
 104 4.8 3.9 5.9





#80
Fluoranthene
Concen: 3.863 ng/ul
RT: 19.015 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

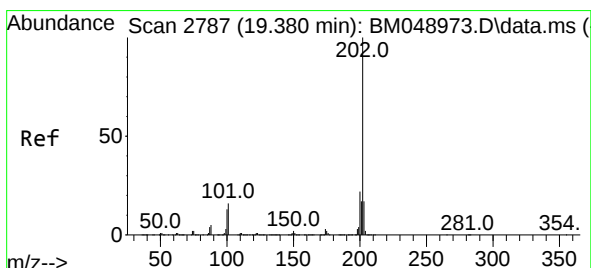
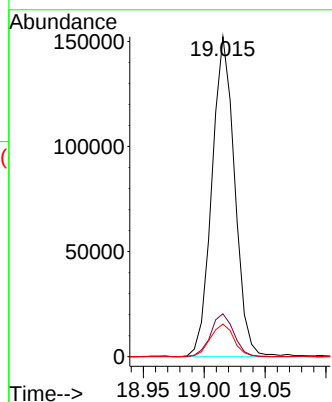
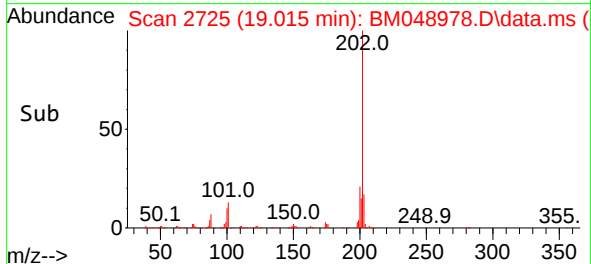
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08



Tgt Ion:202 Resp: 197950
Ion Ratio Lower Upper
202 100
101 13.4 10.2 15.4
100 10.2 8.3 12.5

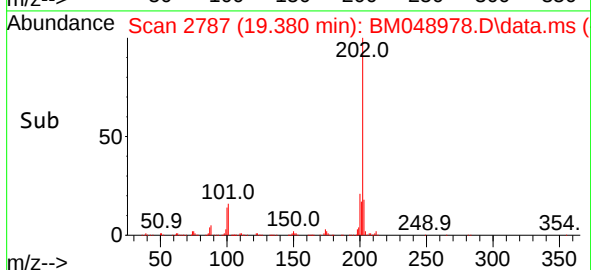
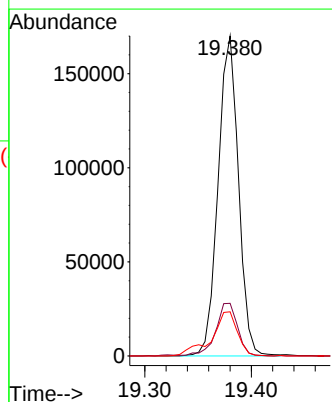
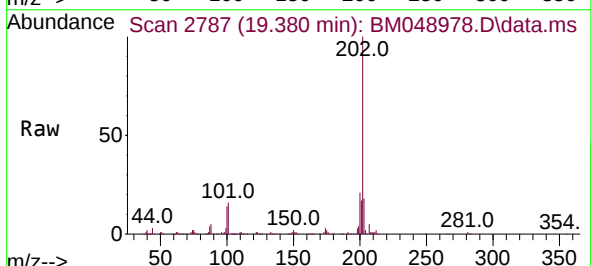
Manual Integrations
APPROVED

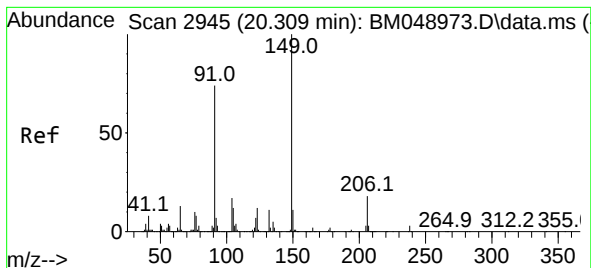
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024



#82
Pyrene
Concen: 3.991 ng/ul
RT: 19.380 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM048978.D
Acq: 13 Dec 2024 12:30

Tgt Ion:202 Resp: 225664
Ion Ratio Lower Upper
202 100
101 16.4 11.7 17.5
100 13.8 9.4 14.2





#83

Butylbenzylphthalate

Concen: 3.535 ng/ul

RT: 20.309 min Scan# 2945

Delta R.T. -0.006 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

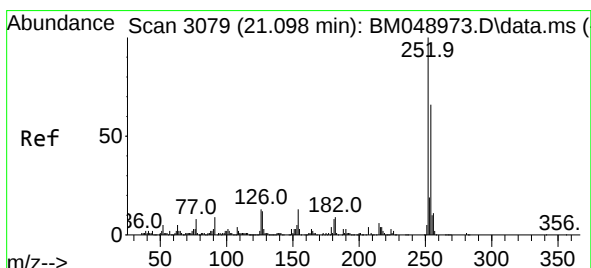
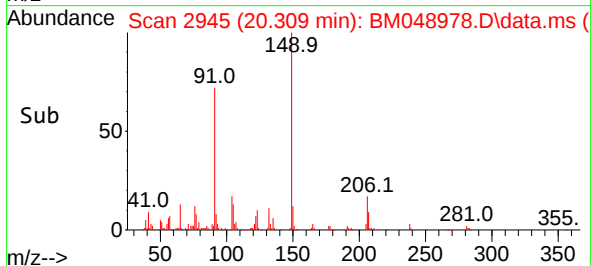
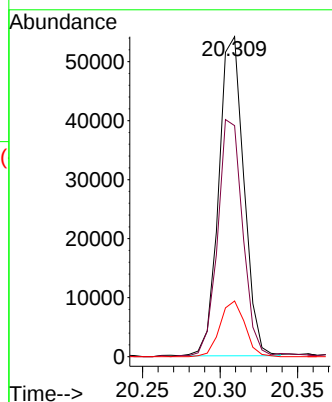
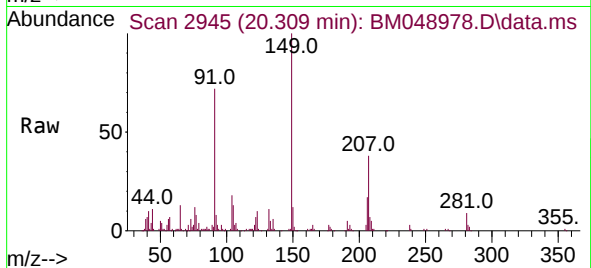
Tgt Ion:	149	Resp:	60999
Ion Ratio	Lower	Upper	
149	100		
91	72.2	56.2	84.4
206	17.4	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#84

3,3'-Dichlorobenzidine

Concen: 2.255 ng/ul m

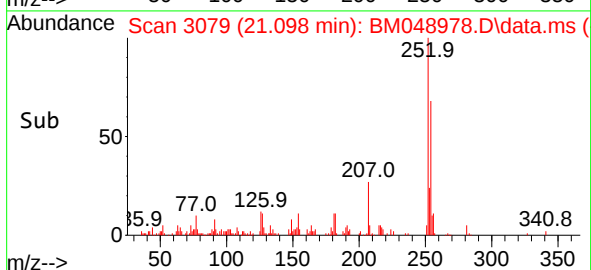
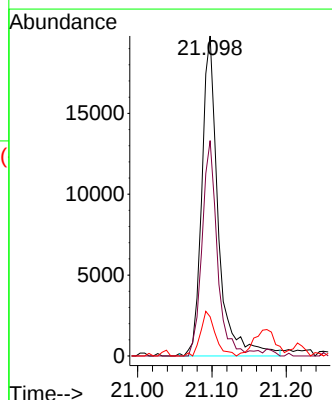
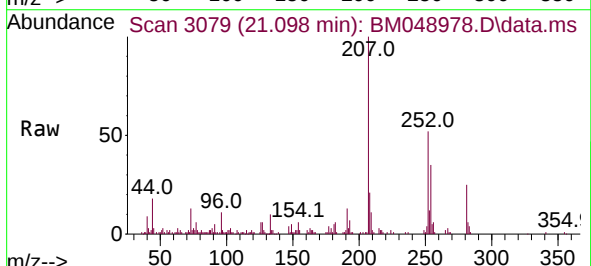
RT: 21.098 min Scan# 3079

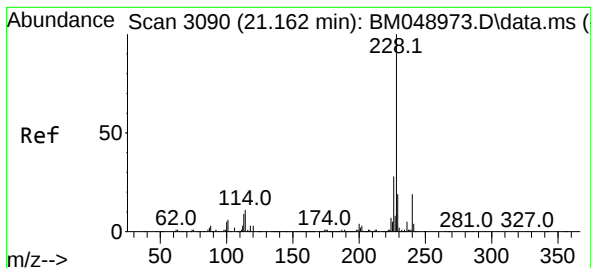
Delta R.T. -0.006 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:	252	Resp:	30395
Ion Ratio	Lower	Upper	
252	100		
254	67.3	51.9	77.9
126	12.2	9.4	14.2





#85

Benzo(a)anthracene

Concen: 4.031 ng/ul

RT: 21.156 min Scan# 3090

Delta R.T. -0.012 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

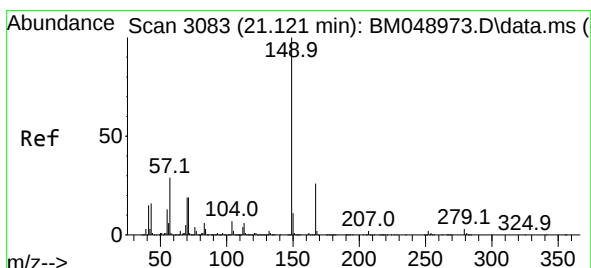
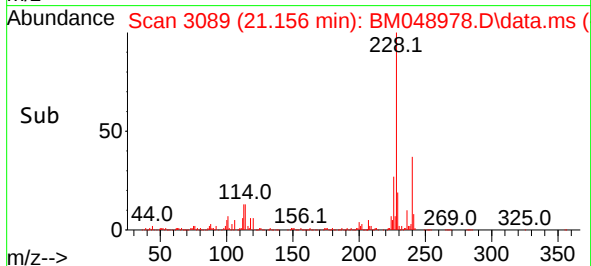
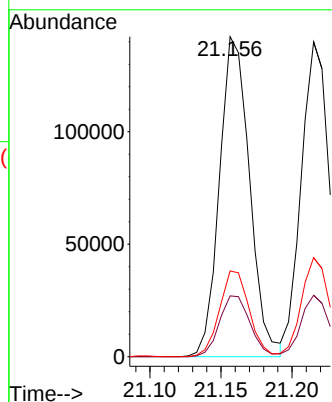
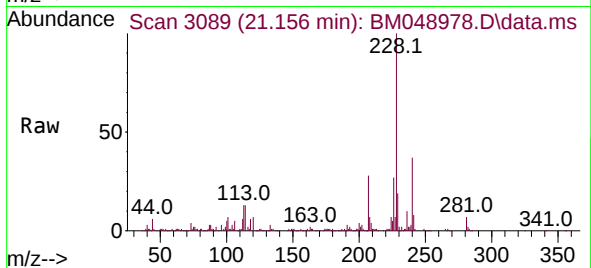
MDL-MED-SOIL-QT4-2024-08

Tgt Ion:228 Resp: 20987
 Ion Ratio Lower Upper
 228 100
 229 19.0 15.7 23.5
 226 26.8 22.0 33.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024
 Supervised By :mohammad ahmed 12/14/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.378 ng/ul

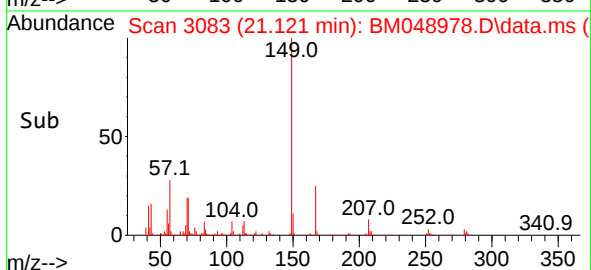
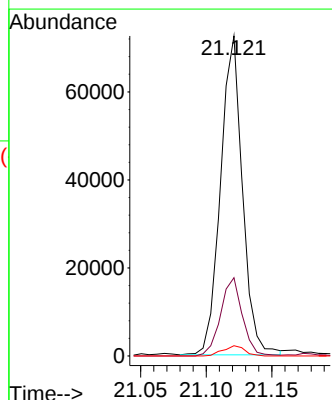
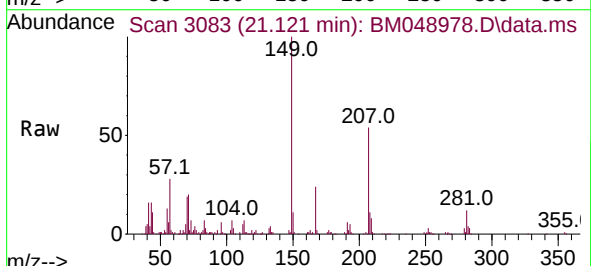
RT: 21.121 min Scan# 3083

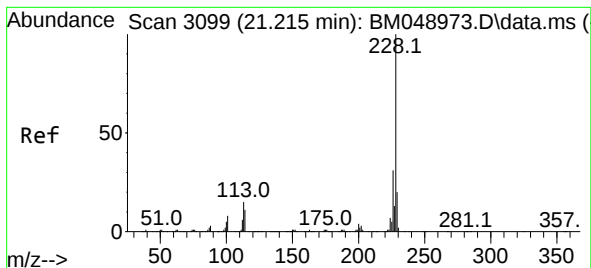
Delta R.T. -0.006 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:149 Resp: 84205
 Ion Ratio Lower Upper
 149 100
 167 24.4 20.6 31.0
 279 3.2 2.5 3.7





#87

Chrysene

Concen: 3.978 ng/ul

RT: 21.215 min Scan# 3099

Delta R.T. -0.012 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

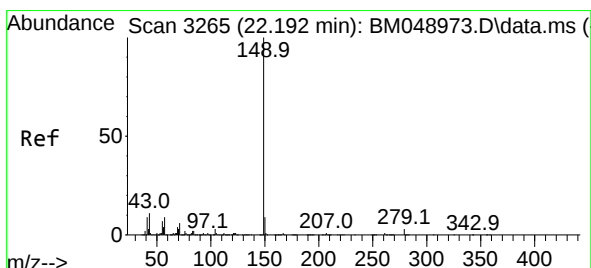
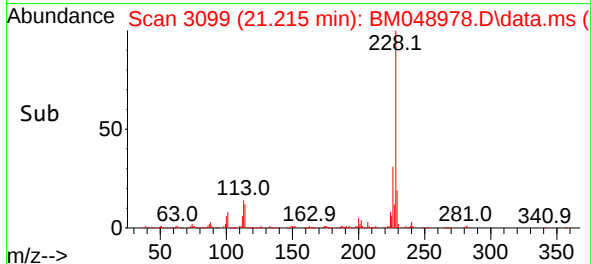
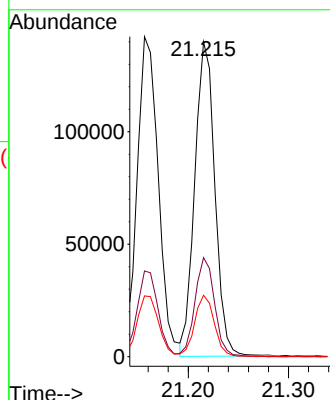
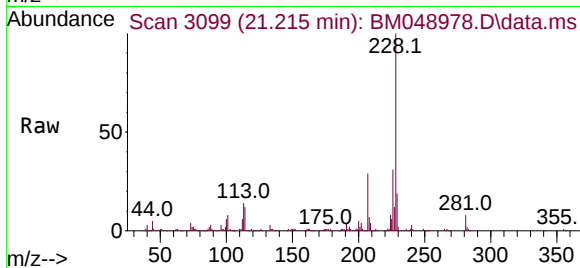
Tgt Ion:228 Resp: 194958
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.6 37.0
 229 19.5 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#89

Di-n-octyl phthalate

Concen: 2.312 ng/ul

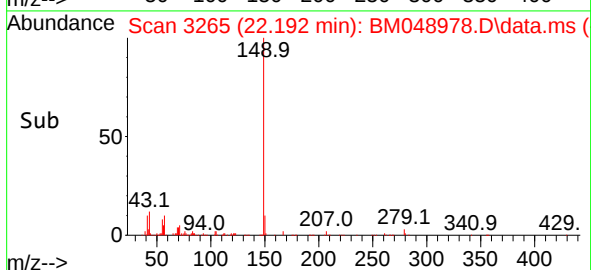
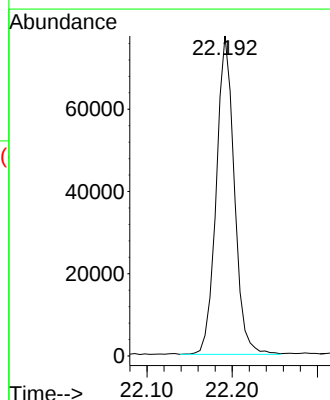
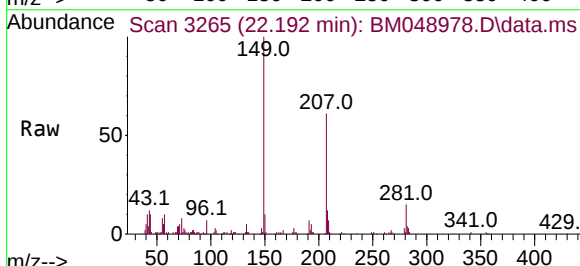
RT: 22.192 min Scan# 3265

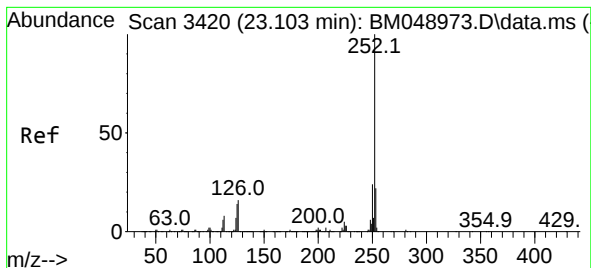
Delta R.T. -0.012 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:149 Resp: 113736





#90

Benzo(b)fluoranthene

Concen: 3.516 ng/ul

RT: 23.097 min Scan# 34

Delta R.T. -0.017 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

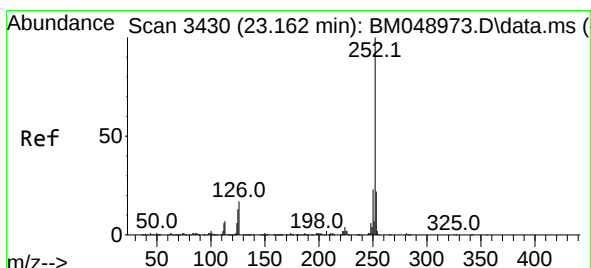
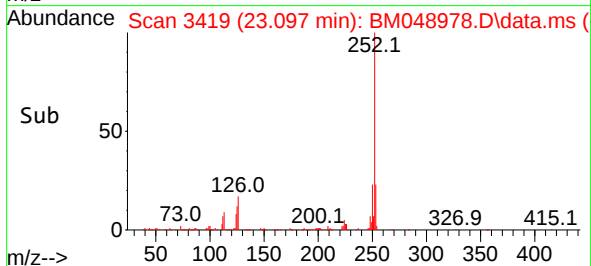
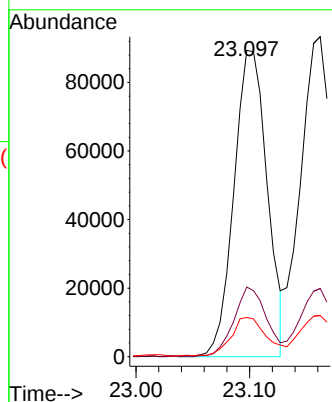
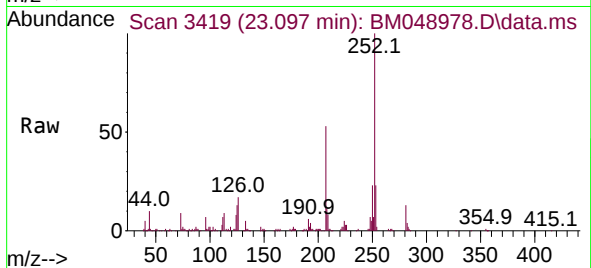
Tgt Ion:252 Resp: 181864
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.3 25.9
 125 12.8 9.8 14.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#91

Benzo(k)fluoranthene

Concen: 3.648 ng/ul

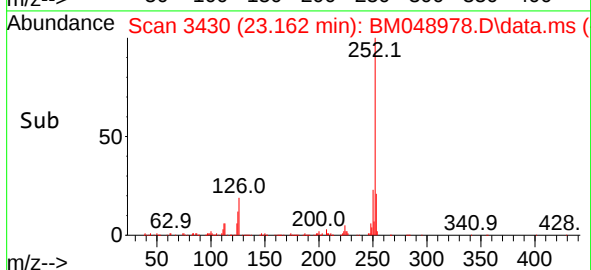
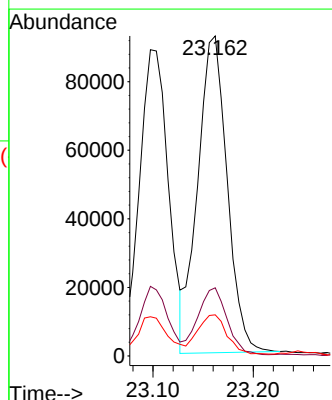
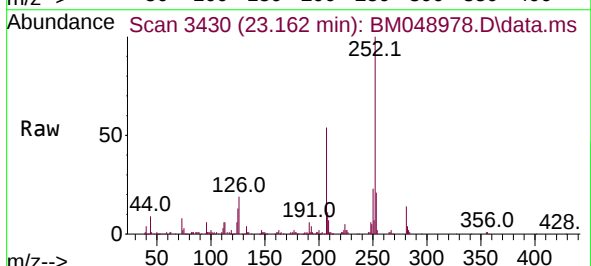
RT: 23.162 min Scan# 3430

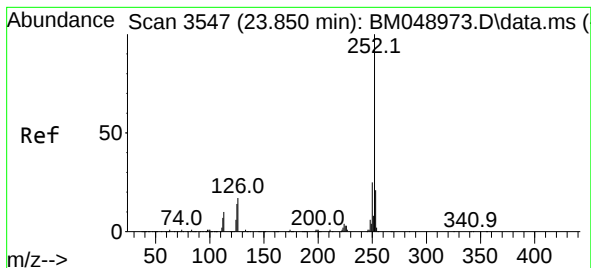
Delta R.T. -0.012 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:252 Resp: 188492
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.2 25.8
 125 12.8 10.1 15.1





#93

Benzo(a)pyrene

Concen: 3.514 ng/ul

RT: 23.850 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

Tgt Ion:252 Resp: 168972

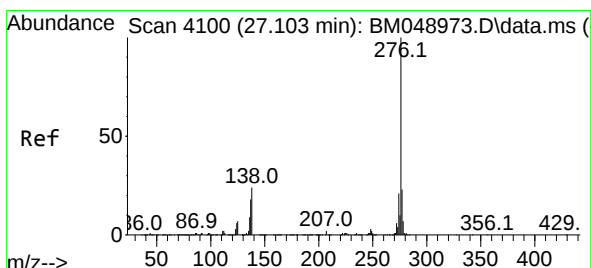
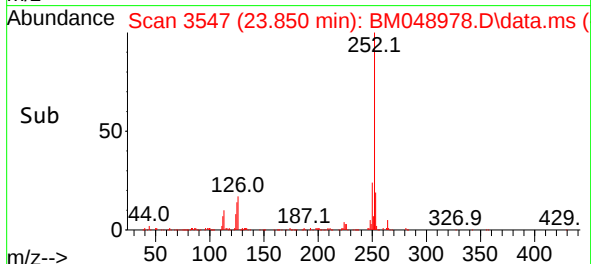
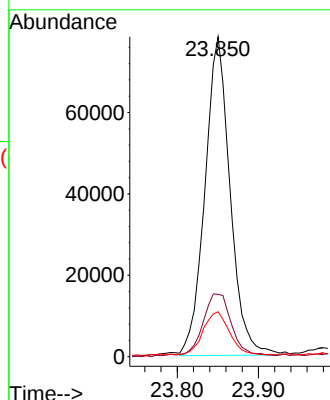
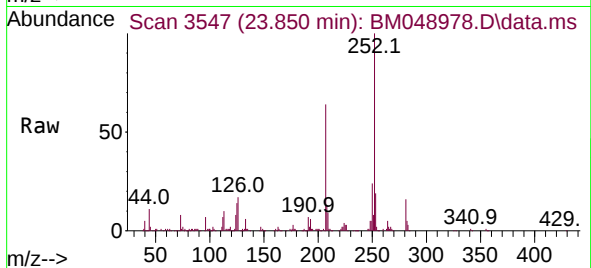
Ion	Ratio	Lower	Upper
252	100		
253	19.5	17.8	26.8
125	14.1	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.914 ng/ul

RT: 27.097 min Scan# 4099

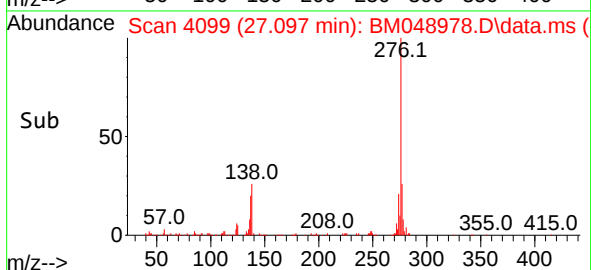
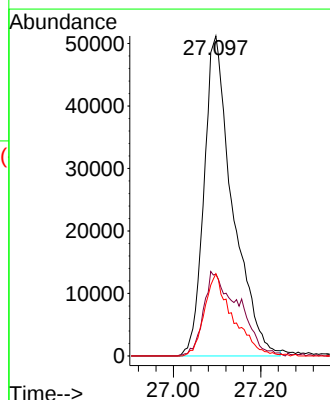
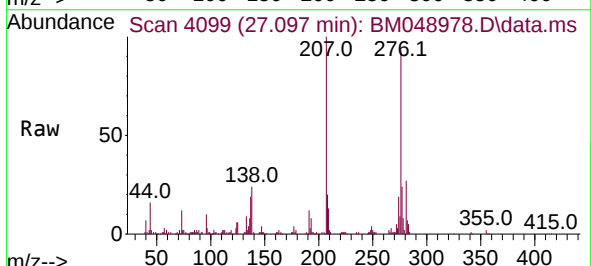
Delta R.T. -0.029 min

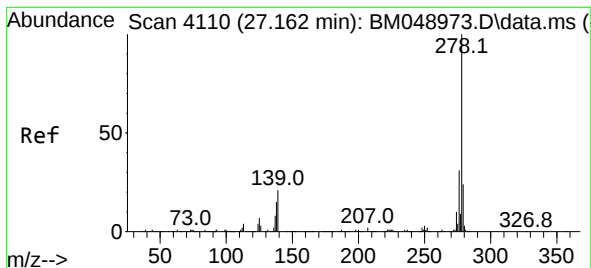
Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:276 Resp: 232589

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.0	30.0
277	25.7	18.8	28.2





#95

Dibenzo(a,h)anthracene

Concen: 3.945 ng/ul

RT: 27.156 min Scan# 4110

Delta R.T. -0.029 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT4-2024-08

Tgt Ion:278 Resp: 191510

Ion Ratio Lower Upper

278 100

139 19.6 15.2 22.8

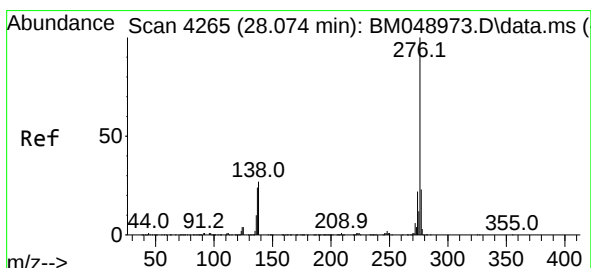
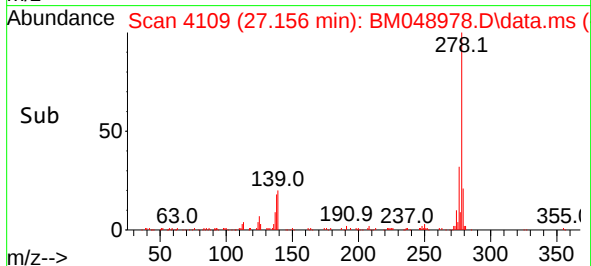
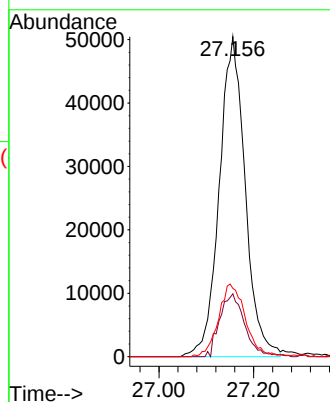
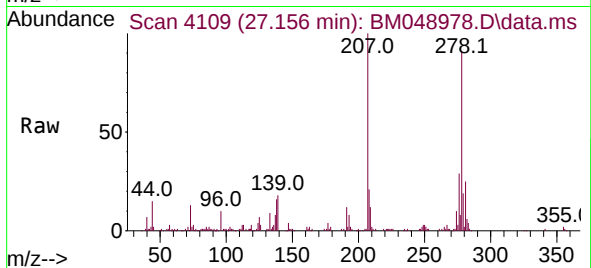
279 21.3 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/14/2024

Supervised By :mohammad ahmed 12/14/2024



#96

Benzo(g,h,i)perylene

Concen: 4.005 ng/ul

RT: 28.068 min Scan# 4264

Delta R.T. -0.017 min

Lab File: BM048978.D

Acq: 13 Dec 2024 12:30

Tgt Ion:276 Resp: 182693

Ion Ratio Lower Upper

276 100

138 24.0 22.2 33.2

277 21.7 18.9 28.3

