

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
 Data File : BM049747.D
 Acq On : 24 Mar 2025 12:21
 Operator : RC/JU
 Sample : Q1546-06
 Misc : MDL-MED-SOIL 4 ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02

Quant Time: Mar 24 14:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 21 16:26:37 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	265309	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	896468	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	555815	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1055920	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	892646	20.000	ng/u1	0.00
88) Perylene-d12	24.439	264	877366	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	26190	3.836	ng/uL	0.00
4) Pyridine-d5	3.663	84	468929	23.497	ng/u1	0.00
7) Phenol-d5	6.975	99	493663	24.770	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	342196	26.375	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	401967	26.445	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	349510	23.824	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	177607	26.886	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	180367	26.975	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	377170	24.897	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	480632	25.081	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1040209	26.696	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1267873	26.818	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	143098	21.564	ng/u1	0.00
60) Fluorene-d10	15.433	176	946483	26.991	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	112324	18.633	ng/u1	0.00
73) Anthracene-d10	17.280	188	1340807	25.360	ng/u1	0.00
81) Pyrene-d10	19.574	212	1528019	30.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.233	264	1300703	28.000	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	10153	1.418	ng/uL	95
5) Pyridine	3.687	79	86303	4.312	ng/u1#	81
6) Benzaldehyde	6.940	77	53770	4.881	ng/u1	98
8) Phenol	6.998	94	91407	4.402	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	77502	4.590	ng/u1	95
12) 2-Chlorophenol	7.369	128	73947	4.602	ng/u1	96
13) 2-Methylphenol	8.245	108	52501	3.634	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	98138	4.719	ng/u1	99
16) Acetophenone	8.622	105	108178	4.415	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	50518	4.286	ng/u1	98
18) 4-Methylphenol	8.575	108	62523	3.997	ng/u1	100
19) Hexachloroethane	8.887	117	33551	4.642	ng/u1	95
22) Nitrobenzene	8.998	77	81411	4.720	ng/u1	99
23) Isophorone	9.528	82	123038	4.184	ng/u1	99
25) 2-Nitrophenol	9.710	139	34729	4.531	ng/u1	97
26) 2,4-Dimethylphenol	9.775	107	30101	2.099	ng/u1	89
27) Bis(2-Chloroethoxy)met...	10.010	93	89234	4.629	ng/u1	97
29) 2,4-Dichlorophenol	10.245	162	69909	4.557	ng/u1	95
30) Naphthalene	10.645	128	214043	4.603	ng/u1	99
32) 4-Chloroaniline	10.757	127	81994	4.429	ng/u1	98
33) Hexachlorobutadiene	10.939	225	54869	4.593	ng/u1	98
34) Caprolactam	11.534	113	13544m	3.535	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	45622	3.739	ng/u1	99
36) 2-Methylnaphthalene	12.263	142	142274	4.409	ng/u1	98

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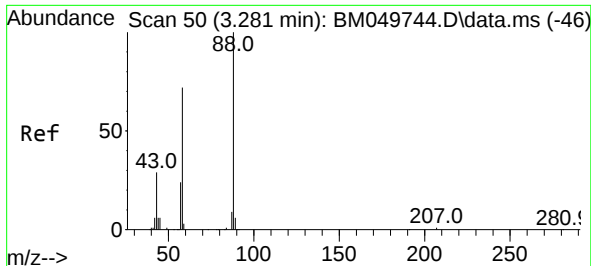
Quant Time: Mar 24 14:00:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM032125.MA.M
 Quant Title : SVOA CALIBRATION
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Manual Integrations
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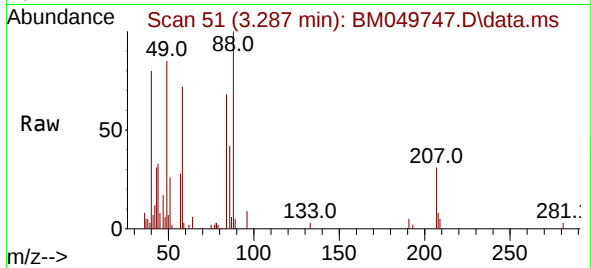
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	132020	4.147	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	94986	4.457	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	46981	3.730	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	41908	3.721	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	46933	3.857	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	191201	4.541	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	157694	4.620	ng/ul	98
45) 2-Nitroaniline	13.516	65	27419	3.763	ng/ul	91
47) Dimethylphthalate	13.898	163	177568	4.594	ng/ul	99
48) 2,6-Dinitrotoluene	14.010	165	24827	3.684	ng/ul	87
50) Acenaphthylene	14.163	152	222467	4.607	ng/ul	98
51) 3-Nitroaniline	14.339	138	21188	3.042	ng/ul#	88
52) Acenaphthene	14.504	153	156967	4.478	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	13944	3.499	ng/ul	99
55) 4-Nitrophenol	14.651	109	20944	3.975	ng/ul	90
56) Dibenzofuran	14.839	168	227985	4.622	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	36721	3.731	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	34274	3.664	ng/ul	99
59) Diethylphthalate	15.263	149	152712	4.242	ng/ul	99
61) Fluorene	15.492	166	178147	4.285	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.486	204	93889	4.142	ng/ul	98
63) 4-Nitroaniline	15.498	138	20927	3.192	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.563	198	26359	3.877	ng/ul#	95
67) N-Nitrosodiphenylamine	15.698	169	136382	4.295	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	51854	4.256	ng/ul	97
69) Hexachlorobenzene	16.492	284	60650	4.317	ng/ul	99
70) Atrazine	16.645	200	48195	4.132	ng/ul	99
71) Pentachlorophenol	16.839	266	29114	3.406	ng/ul	98
72) Phenanthrene	17.227	178	262234	4.355	ng/ul	100
74) Anthracene	17.315	178	252557	4.181	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	84598	4.247	ng/ul	97
76) Pentachlorobenzene	14.763	250	77965	4.148	ng/ul	98
77) Carbazole	17.586	167	204477	3.805	ng/ul	99
78) Di-n-butylphthalate	18.157	149	201459	3.631	ng/ul	99
80) Fluoranthene	19.239	202	268989	4.589	ng/ul	99
82) Pyrene	19.604	202	304995	4.801	ng/ul	98
83) Butylbenzylphthalate	20.503	149	67671	3.690	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.327	252	53734	2.978	ng/ul	97
85) Benzo(a)anthracene	21.403	228	270690	4.410	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	97210	3.369	ng/ul	100
87) Chrysene	21.462	228	256404	4.484	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	131198	2.645	ng/ul	100
90) Benzo(b)fluoranthene	23.486	252	246071	4.317	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	236236	4.018	ng/ul	100
93) Benzo(a)pyrene	24.291	252	226590	4.290	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.821	276	282007	4.276	ng/ul	98
95) Dibenzo(a,h)anthracene	27.885	278	224700	4.187	ng/ul	98
96) Benzo(g,h,i)perylene	28.874	276	222610	4.397	ng/ul	96

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



#2
1,4-Dioxane
Concen: 1.418 ng/uL
RT: 3.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

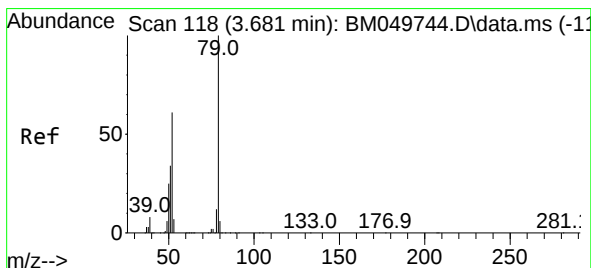
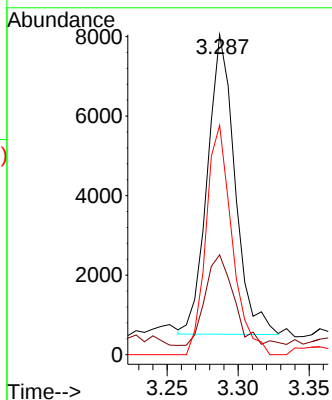
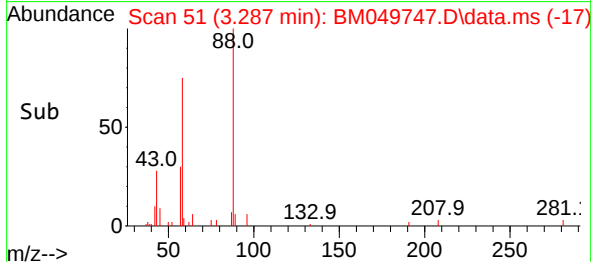
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 88 Resp: 1015
Ion Ratio Lower Upper
88 100
43 31.2 22.5 33.7
58 71.7 54.6 82.0

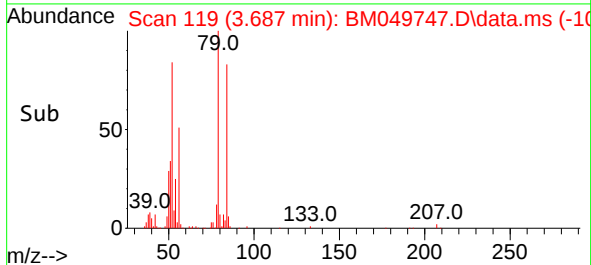
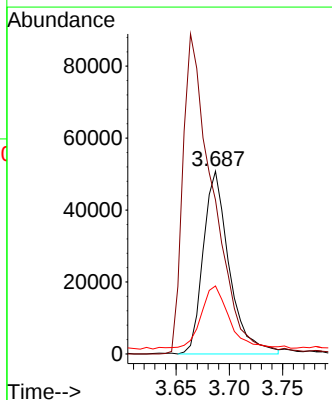
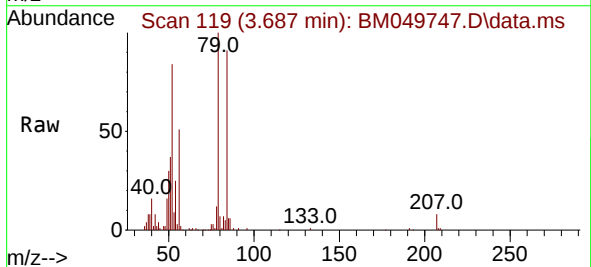
Manual Integrations
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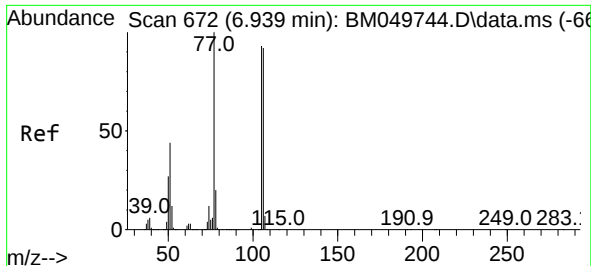
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#5
Pyridine
Concen: 4.312 ng/uL
RT: 3.687 min Scan# 119
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion: 79 Resp: 86303
Ion Ratio Lower Upper
79 100
52 84.3 51.8 77.6#
51 37.2 26.3 39.5





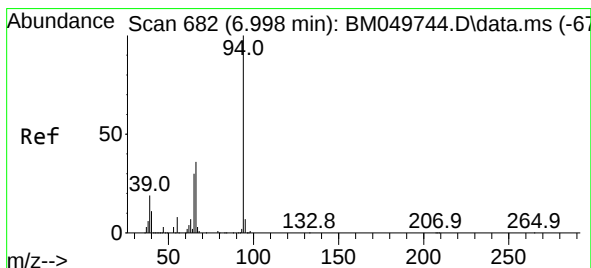
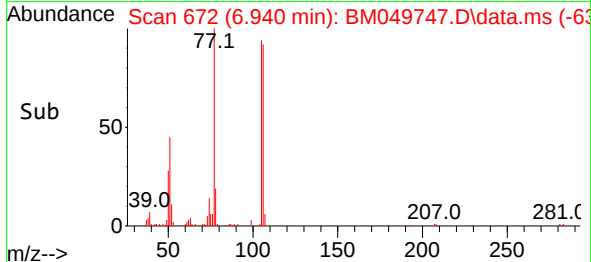
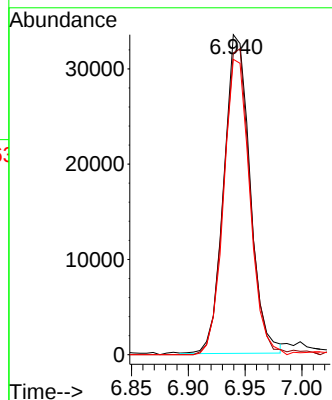
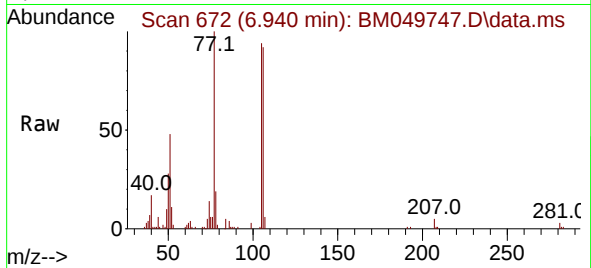
#6
Benzaldehyde
Concen: 4.881 ng/ul
RT: 6.940 min Scan# 672
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02

Tgt Ion: 77 Resp: 53770
Ion Ratio Lower Upper
77 100
105 94.2 76.2 114.2
106 92.3 76.5 114.7

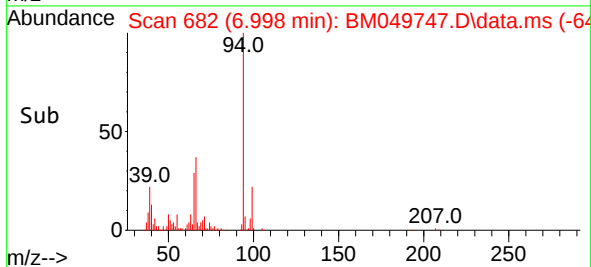
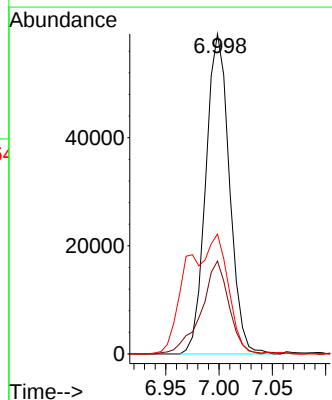
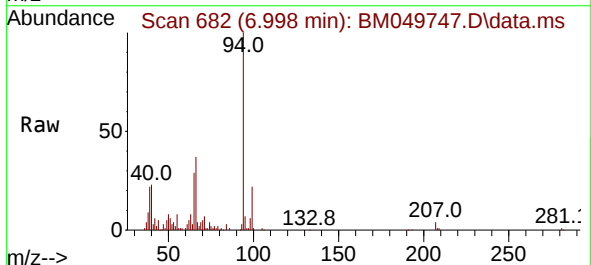
Manual Integrations
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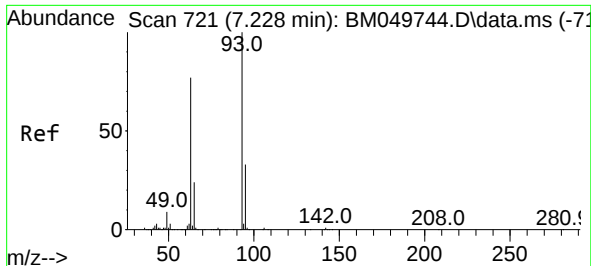
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#8
Phenol
Concen: 4.402 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

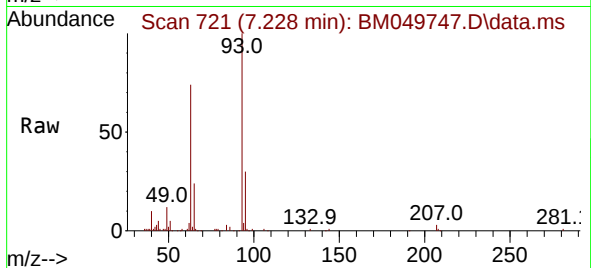
Tgt Ion: 94 Resp: 91407
Ion Ratio Lower Upper
94 100
65 29.1 23.3 34.9
66 37.5 28.6 43.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.590 ng/ul
RT: 7.228 min Scan# 721
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

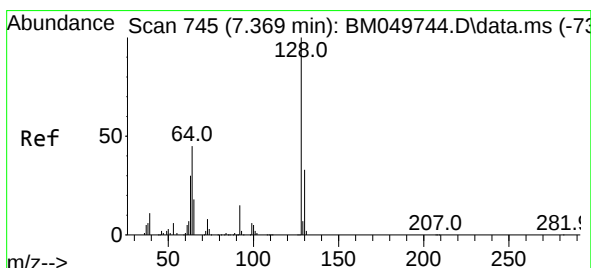
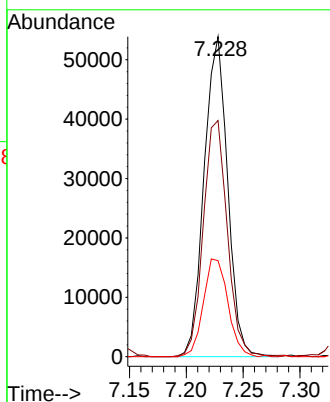
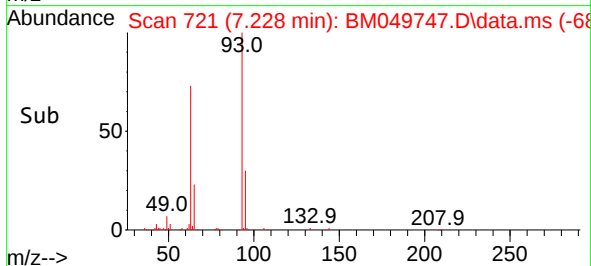
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 93 Resp: 77502
Ion Ratio Lower Upper
93 100
63 73.8 62.0 93.0
95 30.0 26.5 39.7

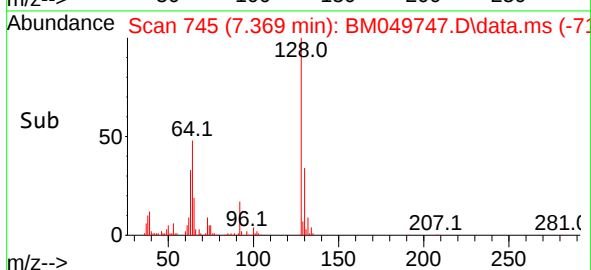
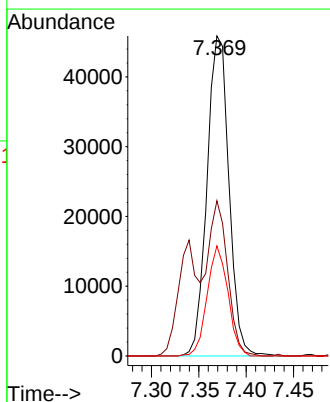
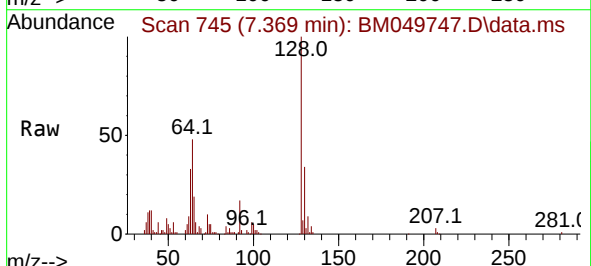
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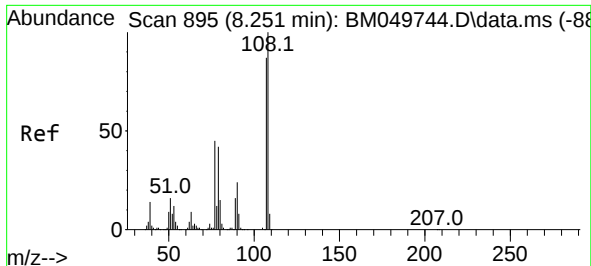
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#12
2-Chlorophenol
Concen: 4.602 ng/ul
RT: 7.369 min Scan# 745
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion:128 Resp: 73947
Ion Ratio Lower Upper
128 100
64 48.5 36.9 55.3
130 34.4 25.5 38.3





#13

2-Methylphenol

Concen: 3.634 ng/ul

RT: 8.245 min Scan# 895

Delta R.T. -0.006 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

Tgt Ion:108 Resp: 5250

Ion Ratio Lower Upper

108 100

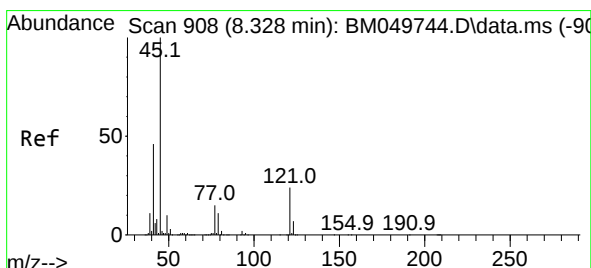
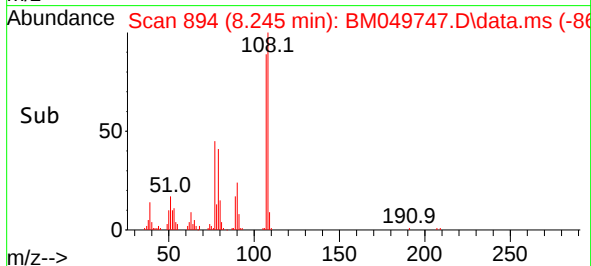
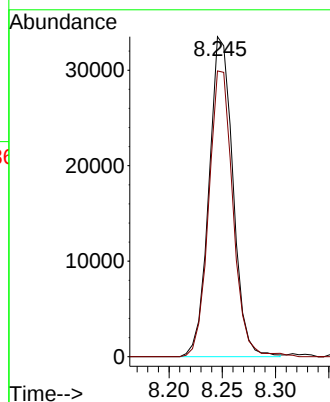
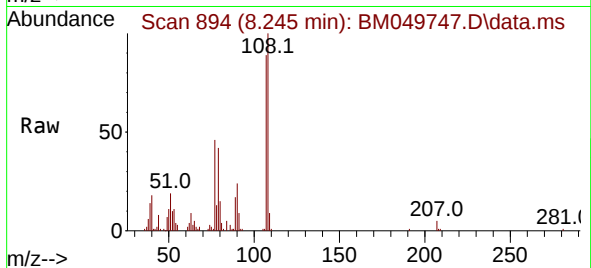
107 89.3 69.0 103.4

Manual Integrations

APPROVED

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Supervised By :Jagrut Upadhyay 03/25/2025



#14

2,2'-oxybis(1-Chloropropane)

Concen: 4.719 ng/ul

RT: 8.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

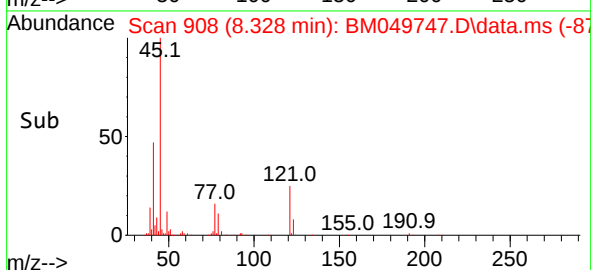
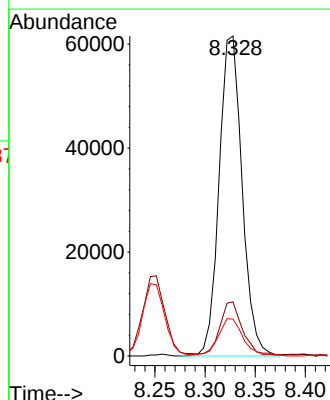
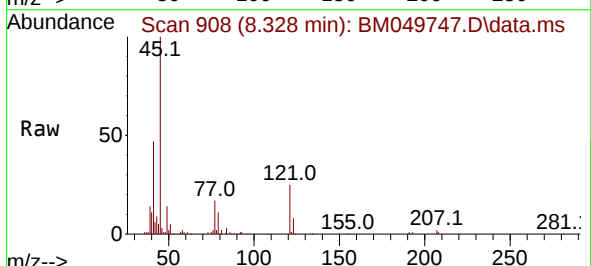
Tgt Ion: 45 Resp: 98138

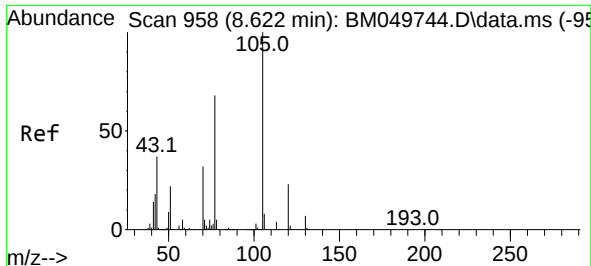
Ion Ratio Lower Upper

45 100

77 16.9 13.1 19.7

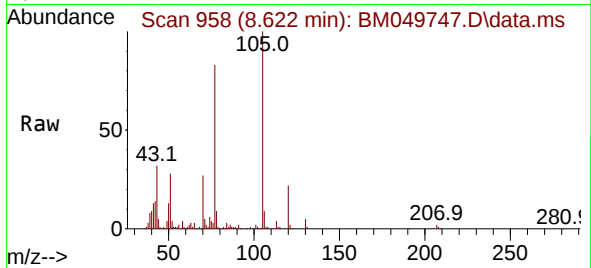
79 11.5 9.4 14.0





#16
Acetophenone
Concen: 4.415 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM049747.D
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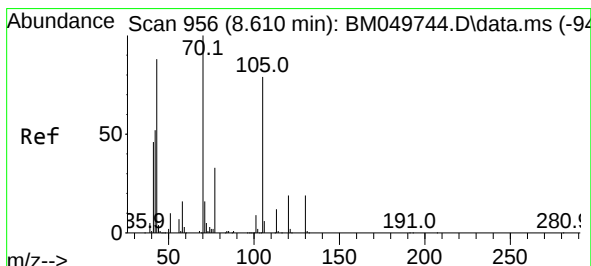
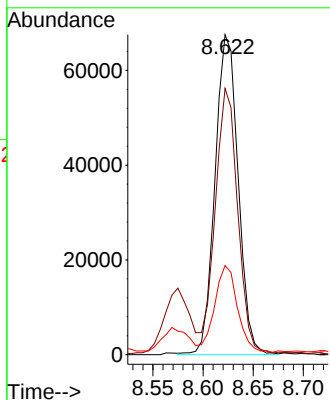
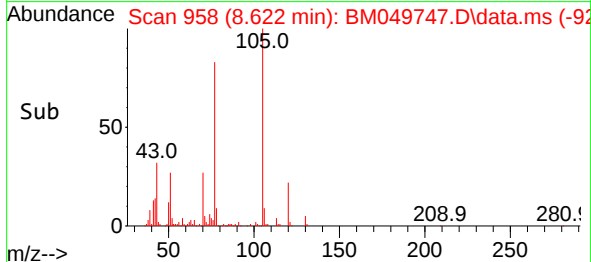
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 105 Resp: 108178
Ion Ratio Lower Upper
105 100
77 83.2 64.5 96.7
51 27.8 20.3 30.5

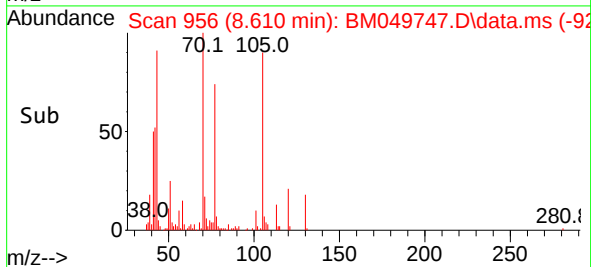
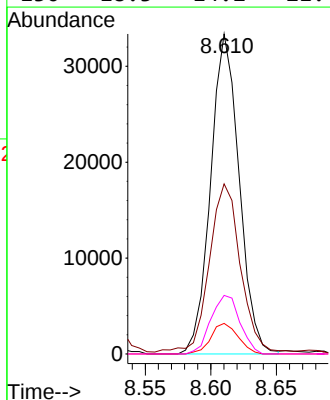
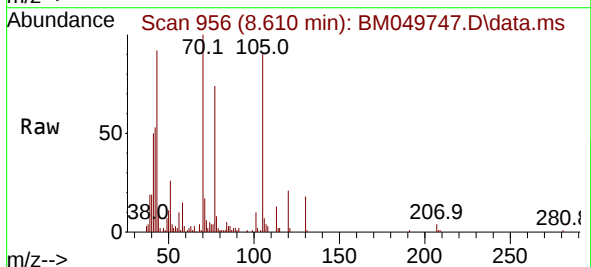
Manual Integrations
APPROVED

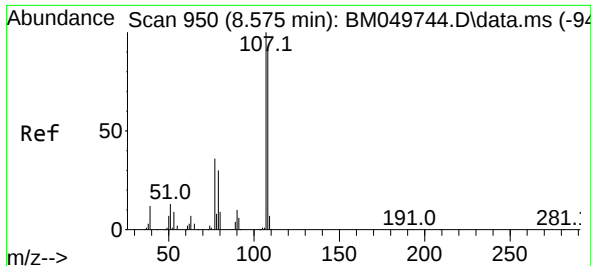
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.286 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

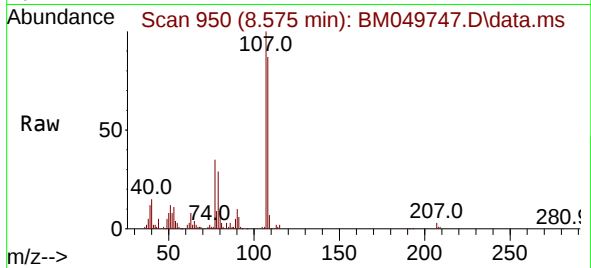
Tgt Ion: 70 Resp: 50518
Ion Ratio Lower Upper
70 100
42 53.1 43.6 65.4
101 9.6 6.9 10.3
130 18.3 14.2 21.4





#18
4-Methylphenol
Concen: 3.997 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

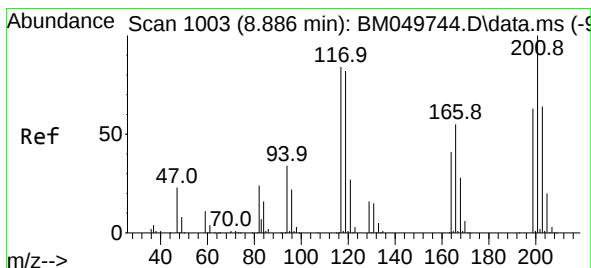
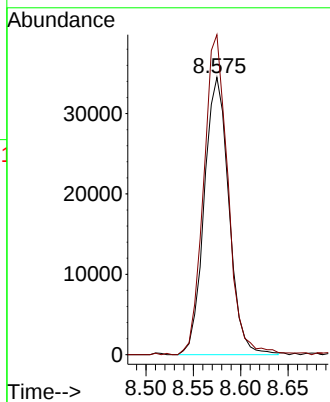
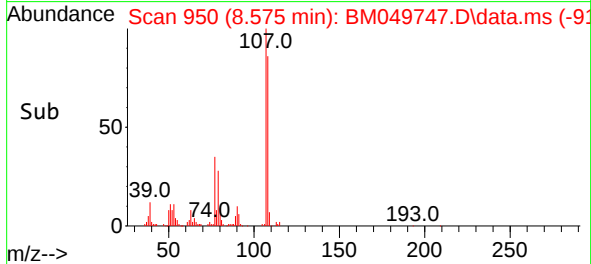
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



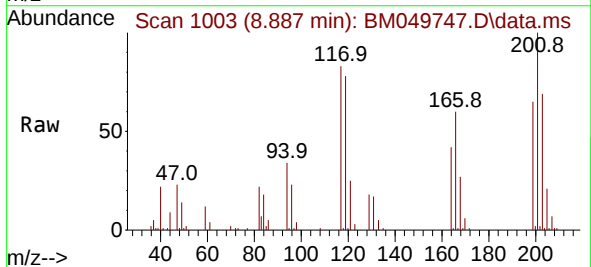
Tgt Ion:108 Resp: 6252
Ion Ratio Lower Upper
108 100
107 115.4 91.9 137.9

Manual Integrations
APPROVED

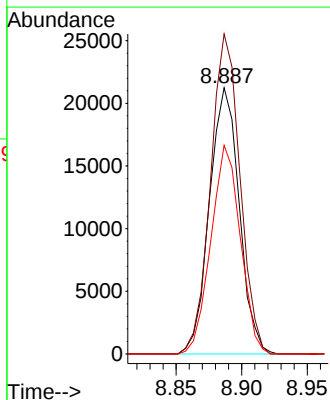
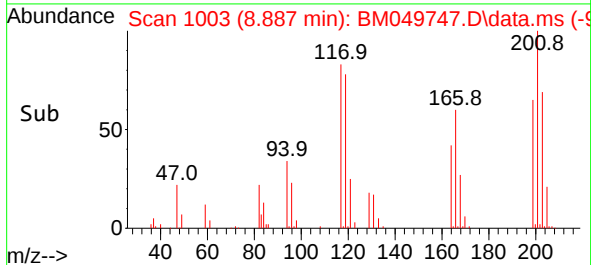
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

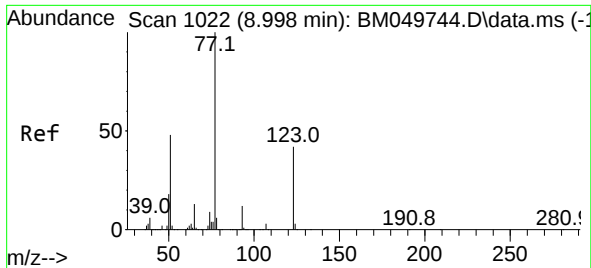


#19
Hexachloroethane
Concen: 4.642 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



Tgt Ion:117 Resp: 33551
Ion Ratio Lower Upper
117 100
201 120.2 92.8 139.2
199 78.4 57.8 86.8





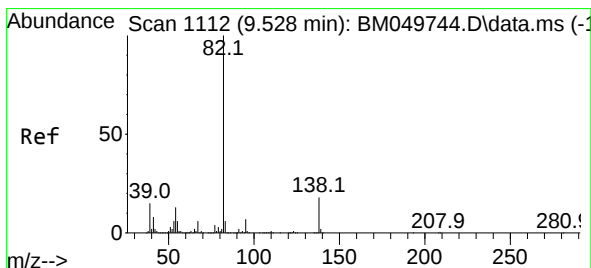
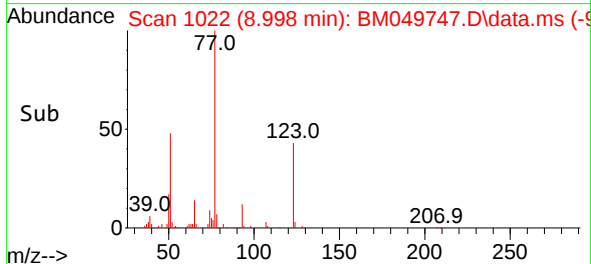
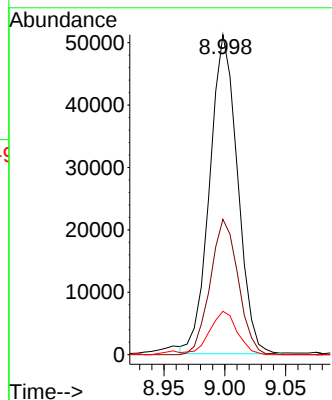
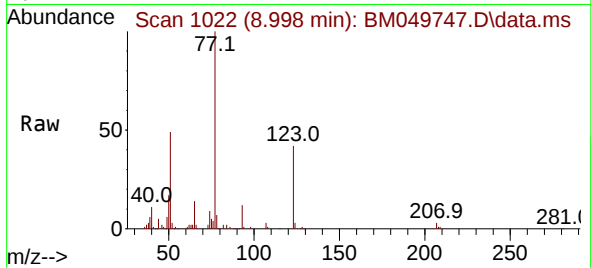
#22
Nitrobenzene
Concen: 4.720 ng/ul
RT: 8.998 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion: 77 Resp: 8141
Ion Ratio Lower Upper
77 100
123 42.3 34.3 51.5
65 13.6 10.5 15.7

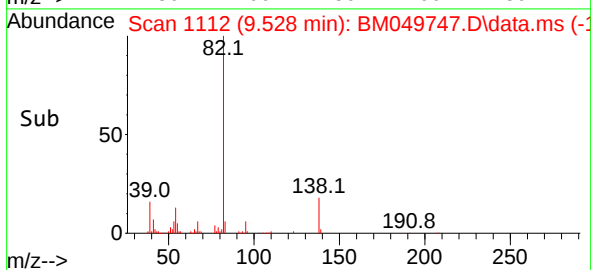
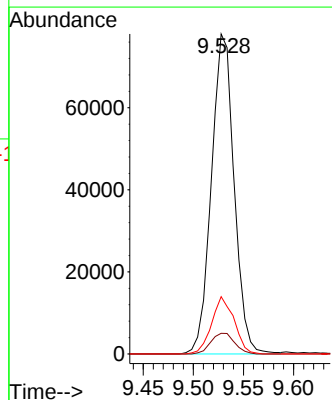
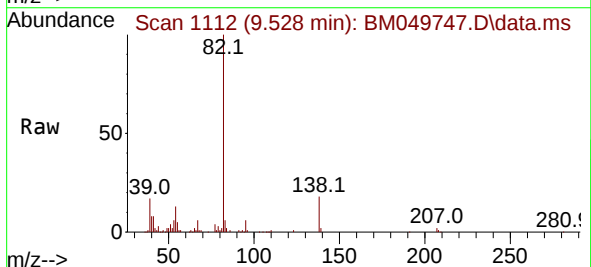
Manual Integrations
APPROVED

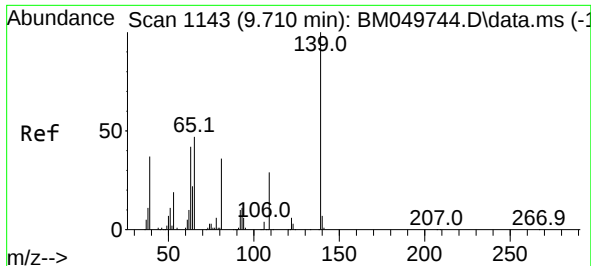
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#23
Isophorone
Concen: 4.184 ng/ul
RT: 9.528 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

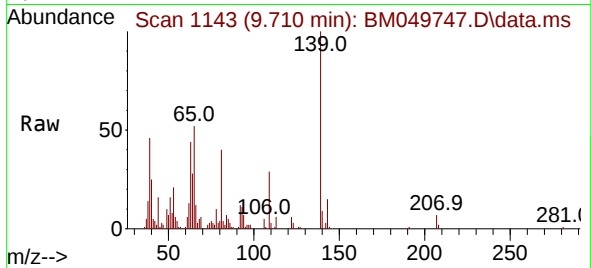
Tgt Ion: 82 Resp: 123038
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 17.9 14.6 21.8





#25
2-Nitrophenol
Concen: 4.531 ng/ul
RT: 9.710 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

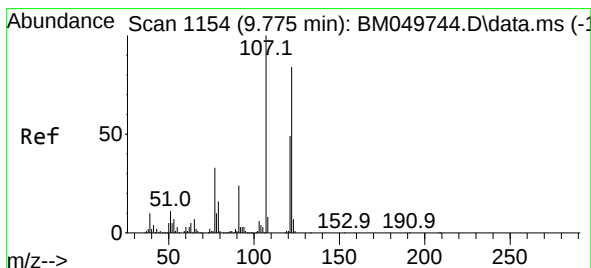
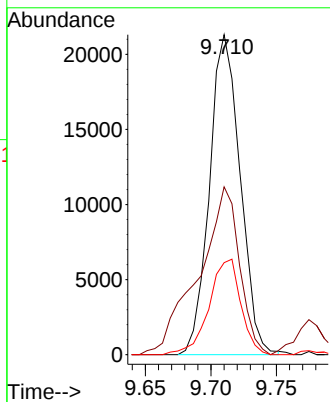
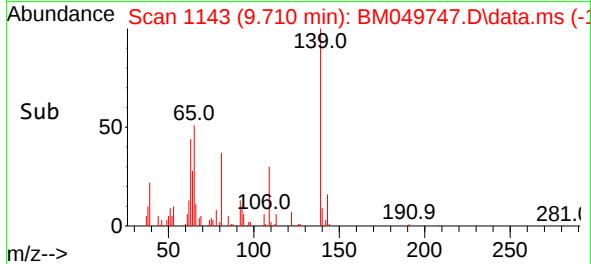
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:139 Resp: 34729
Ion Ratio Lower Upper
139 100
65 52.4 39.1 58.7
109 28.8 23.1 34.7

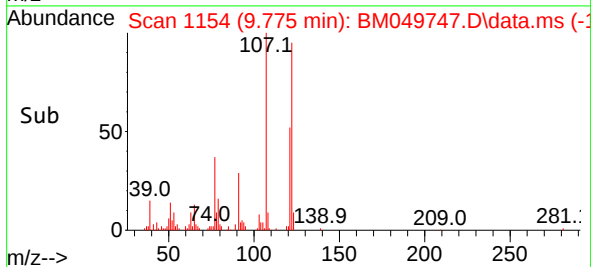
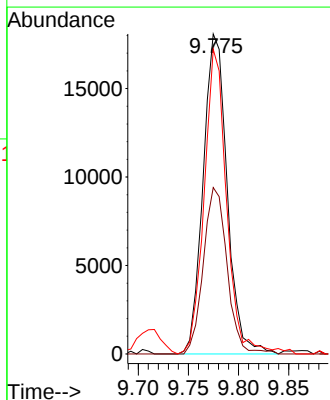
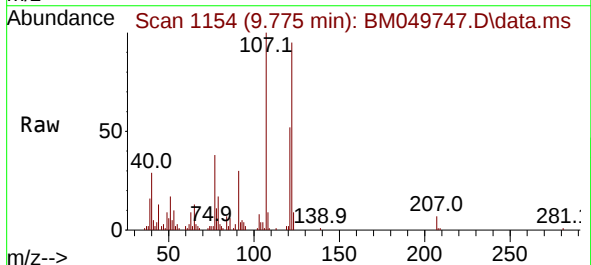
Manual Integrations
APPROVED

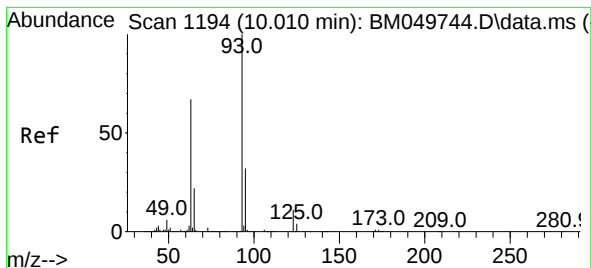
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#26
2,4-Dimethylphenol
Concen: 2.099 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

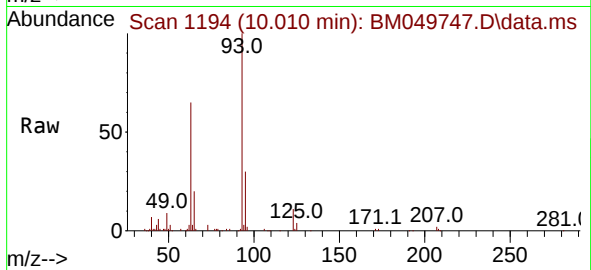
Tgt Ion:107 Resp: 30101
Ion Ratio Lower Upper
107 100
121 52.0 37.9 56.9
122 95.2 66.5 99.7





#27
Bis(2-Chloroethoxy)methane
Concen: 4.629 ng/ul
RT: 10.010 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

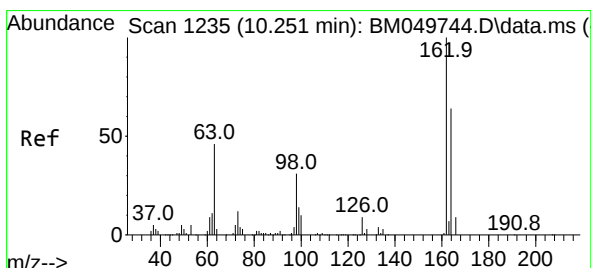
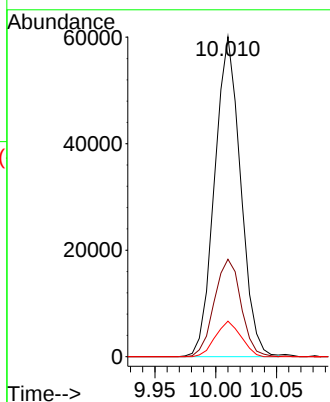
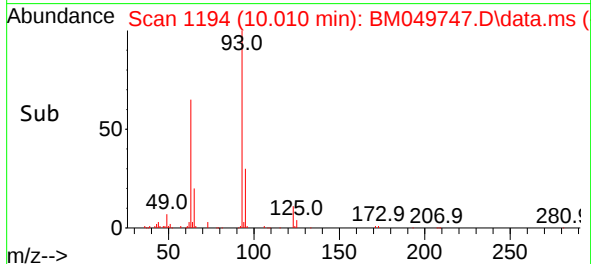
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion: 93 Resp: 89234
Ion Ratio Lower Upper
93 100
95 30.5 25.8 38.8
123 11.1 8.8 13.2

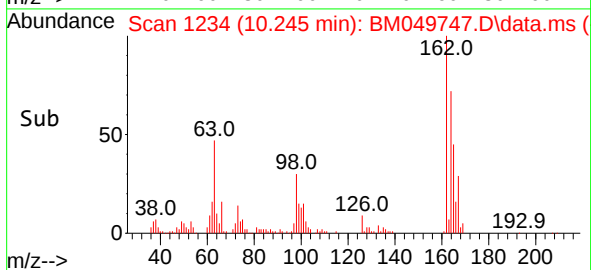
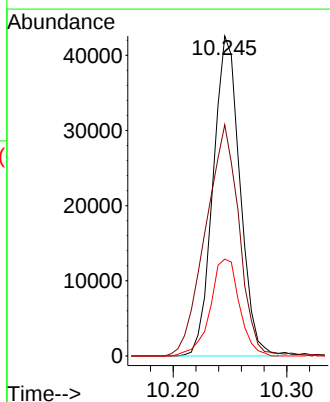
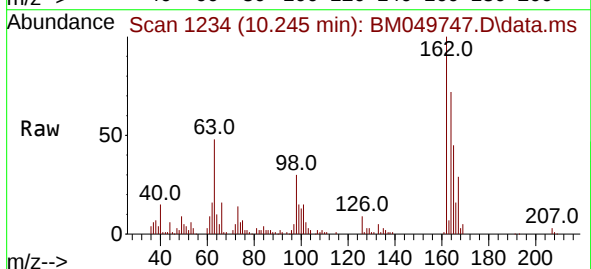
Manual Integrations
APPROVED

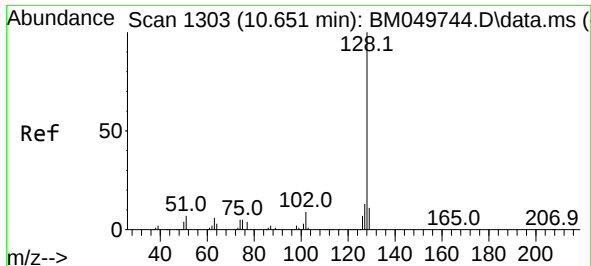
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#29
2,4-Dichlorophenol
Concen: 4.557 ng/ul
RT: 10.245 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

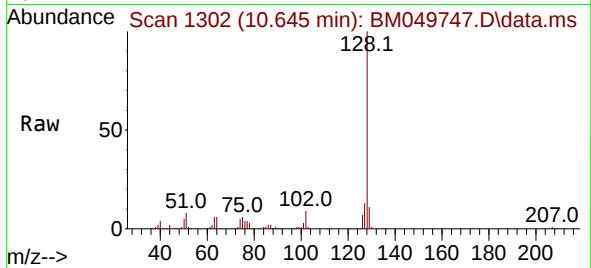
Tgt Ion:162 Resp: 69909
Ion Ratio Lower Upper
162 100
164 72.2 53.2 79.8
98 30.3 25.0 37.6





#30
Naphthalene
Concen: 4.603 ng/ul
RT: 10.645 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

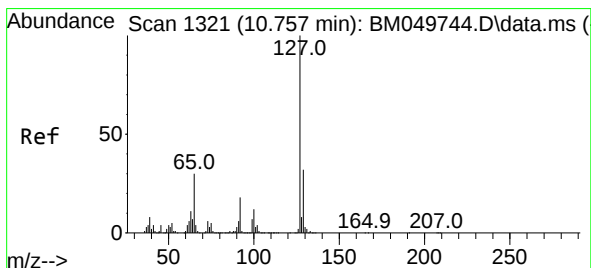
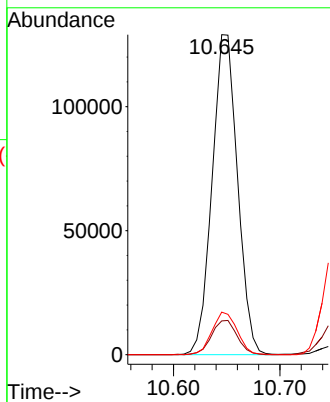
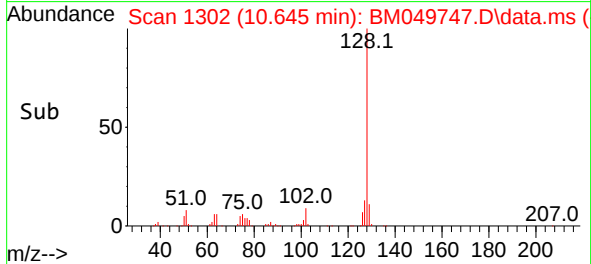
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:128 Resp: 21404
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.3 10.2 15.4

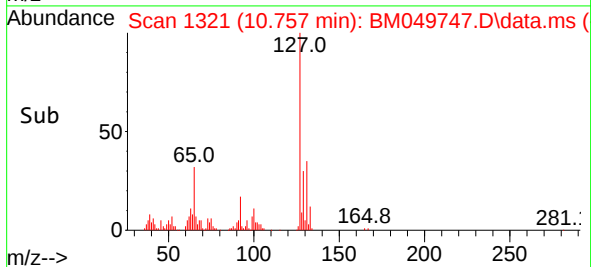
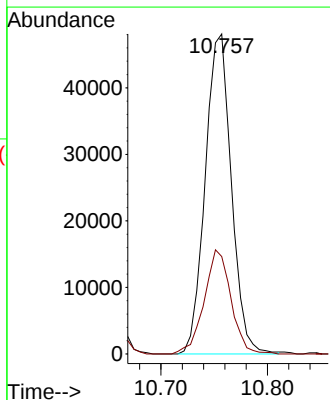
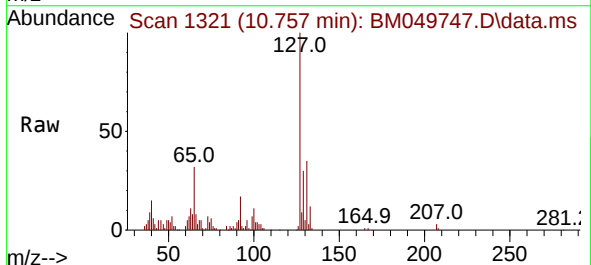
Manual Integrations
APPROVED

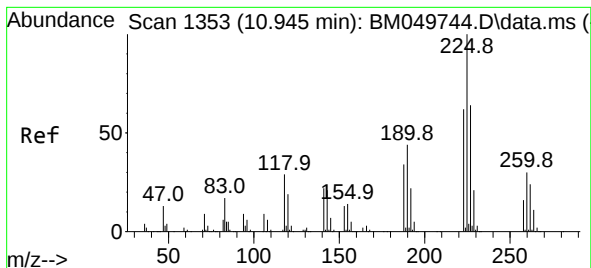
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#32
4-Chloroaniline
Concen: 4.429 ng/ul
RT: 10.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

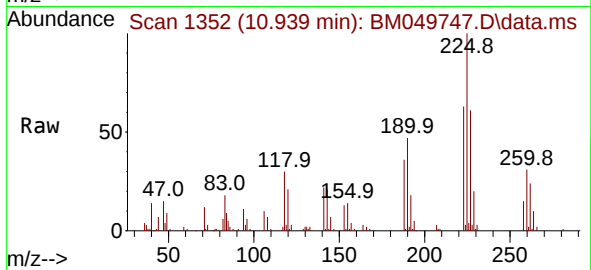
Tgt Ion:127 Resp: 81994
Ion Ratio Lower Upper
127 100
129 30.5 25.4 38.0





#33
Hexachlorobutadiene
Concen: 4.593 ng/ul
RT: 10.939 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

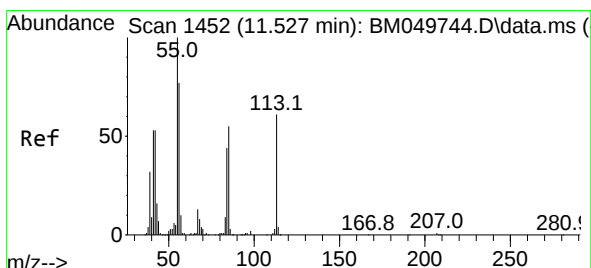
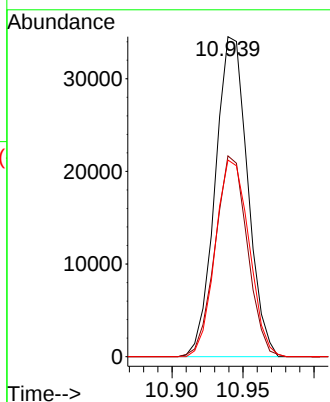
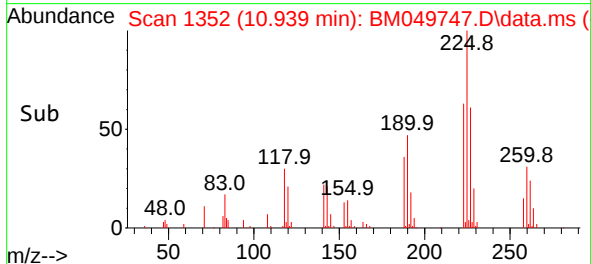
Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



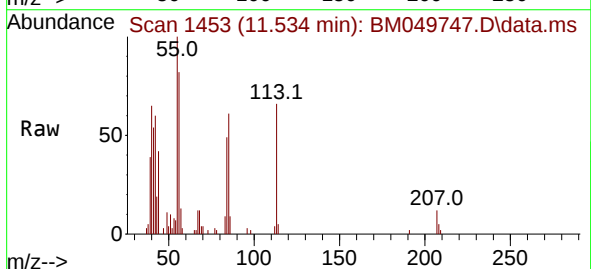
Tgt Ion:225 Resp: 54869
Ion Ratio Lower Upper
225 100
223 62.7 50.3 75.5
227 61.5 51.4 77.2

Manual Integrations
APPROVED

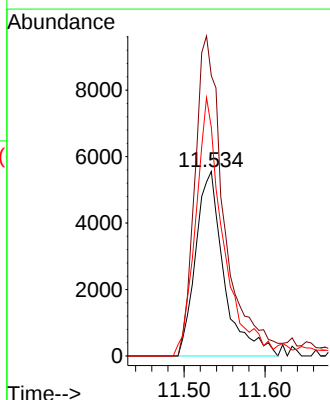
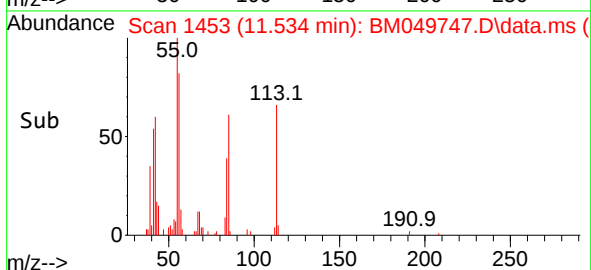
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

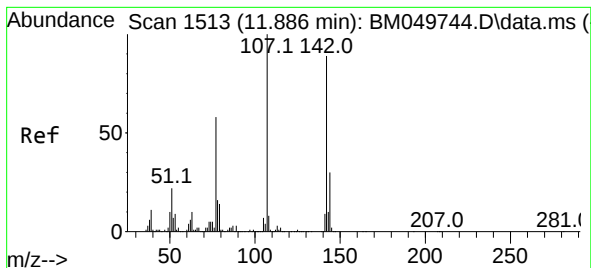


#34
Caprolactam
Concen: 3.535 ng/ul m
RT: 11.534 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



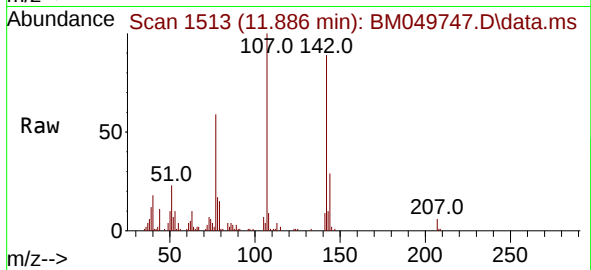
Tgt Ion:113 Resp: 13544
Ion Ratio Lower Upper
113 100
55 151.9 136.1 204.1
56 124.0 96.6 145.0





#35
4-Chloro-3-methylphenol
Concen: 3.739 ng/ul
RT: 11.886 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

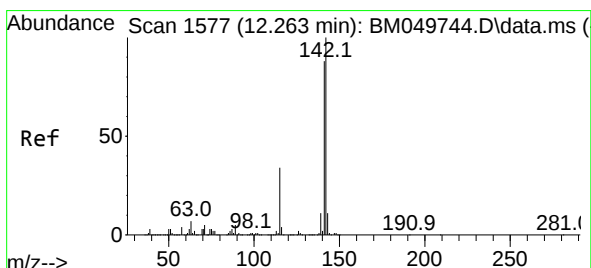
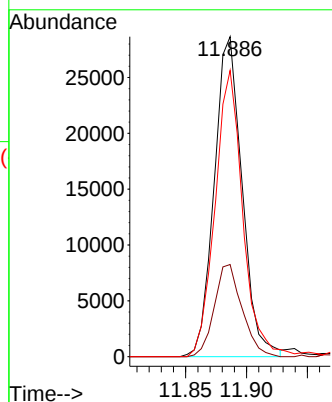
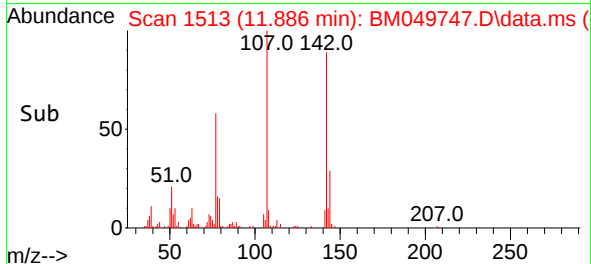
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:107 Resp: 4562
Ion Ratio Lower Upper
107 100
144 28.8 23.3 34.9
142 89.4 71.0 106.4

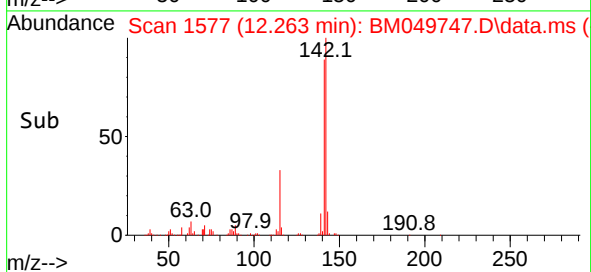
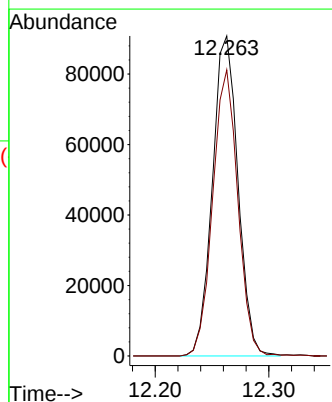
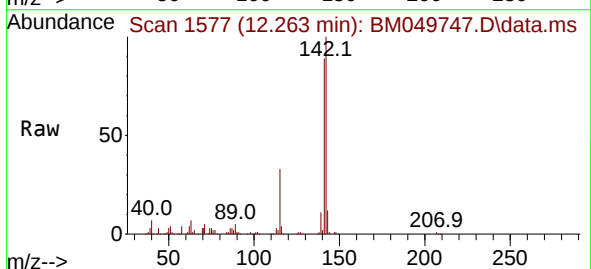
Manual Integrations
APPROVED

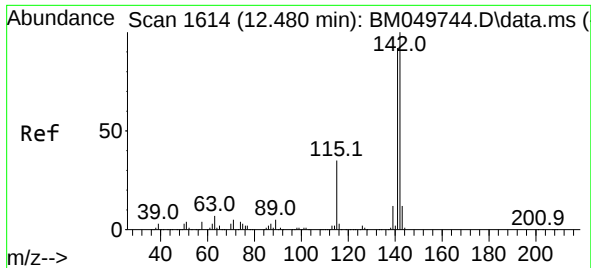
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#36
2-Methylnaphthalene
Concen: 4.409 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

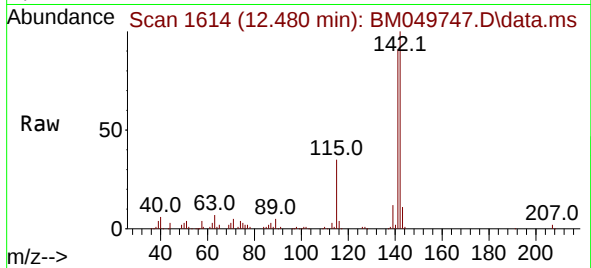
Tgt Ion:142 Resp: 142274
Ion Ratio Lower Upper
142 100
141 89.4 70.2 105.2





#37
1-Methylnaphthalene
Concen: 4.147 ng/ul
RT: 12.480 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

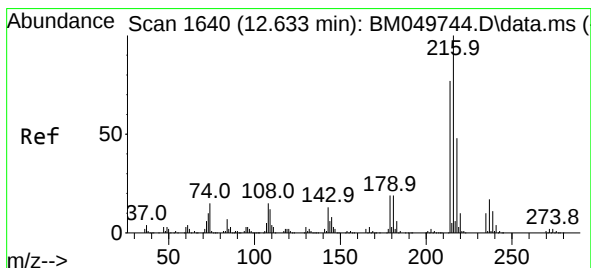
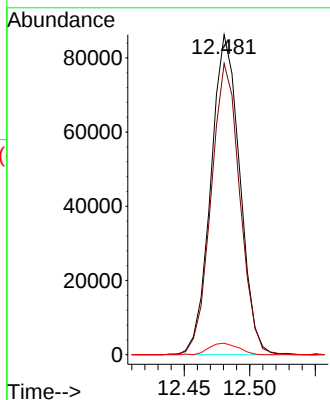
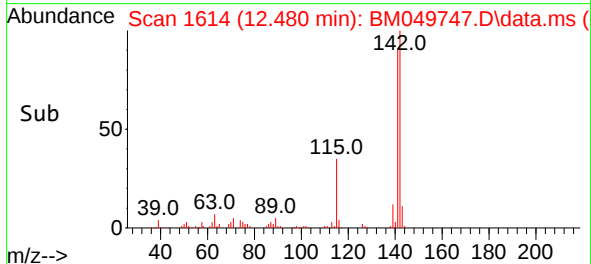
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



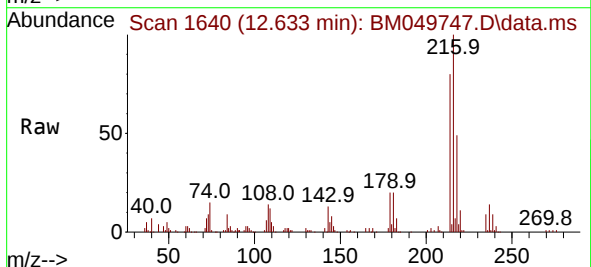
Tgt Ion:142 Resp: 132020
Ion Ratio Lower Upper
142 100
141 91.0 74.0 111.0
116 3.6 2.7 4.1

Manual Integrations
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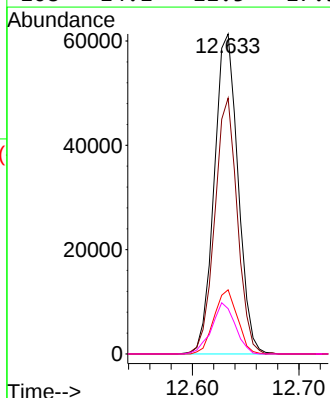
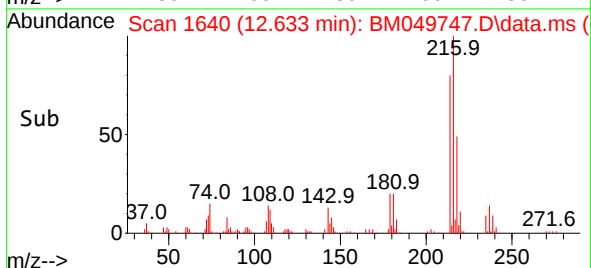
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

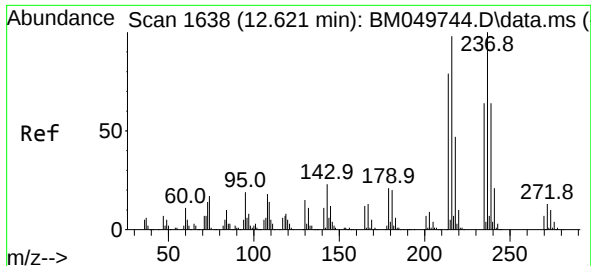


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.457 ng/ul
RT: 12.633 min Scan# 1640
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



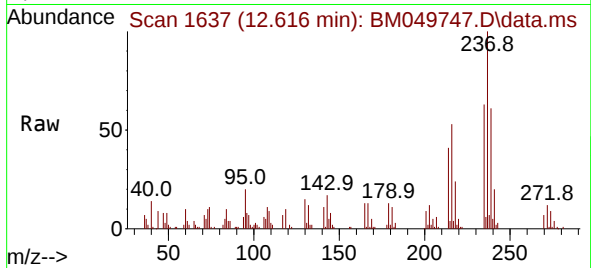
Tgt Ion:216 Resp: 94986
Ion Ratio Lower Upper
216 100
214 80.0 61.8 92.8
179 20.1 15.8 23.8
108 14.1 11.5 17.3





#40
Hexachlorocyclopentadiene
Concen: 3.730 ng/ul
RT: 12.616 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

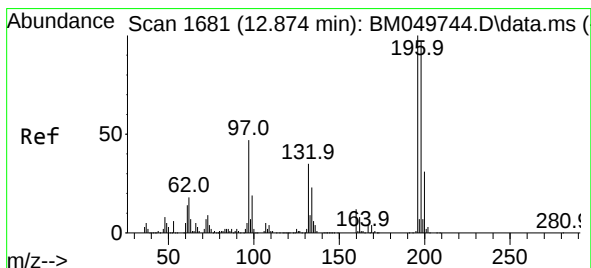
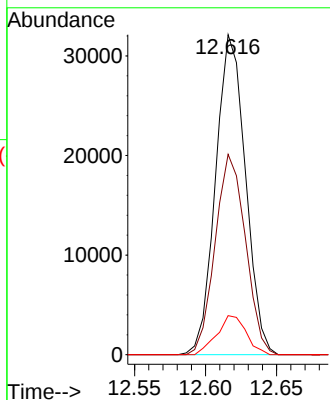
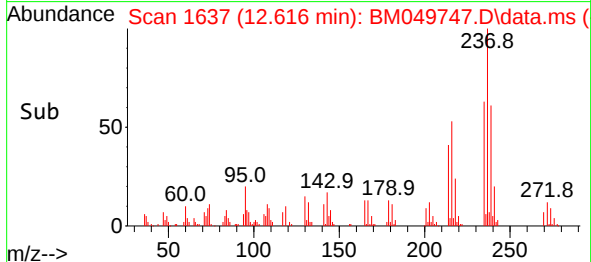
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



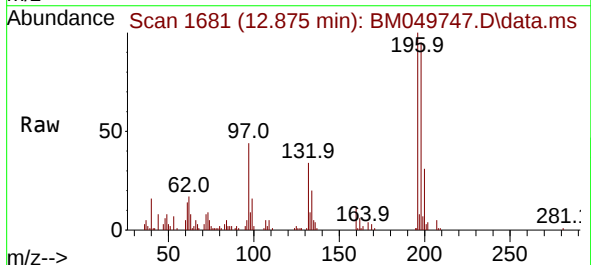
Tgt Ion:237 Resp: 4698
Ion Ratio Lower Upper
237 100
235 62.6 48.2 72.4
272 12.2 10.0 15.0

Manual Integrations
APPROVED

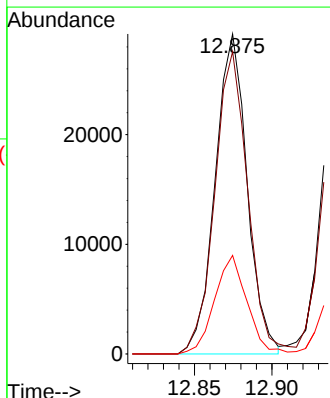
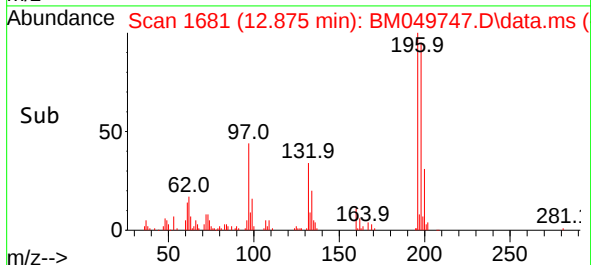
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

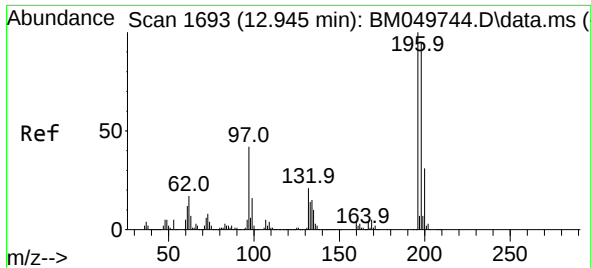


#41
2,4,6-Trichlorophenol
Concen: 3.721 ng/ul
RT: 12.875 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



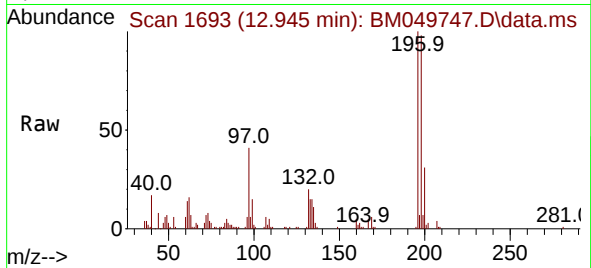
Tgt Ion:196 Resp: 41908
Ion Ratio Lower Upper
196 100
198 94.5 78.5 117.7
200 30.8 24.3 36.5





#42
2,4,5-Trichlorophenol
Concen: 3.857 ng/ul
RT: 12.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

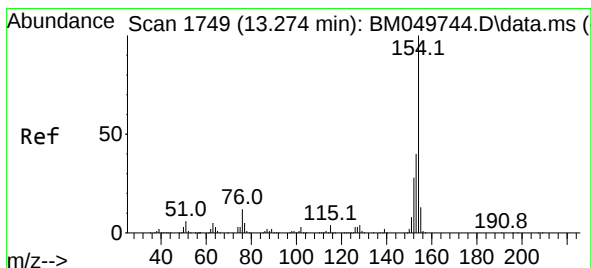
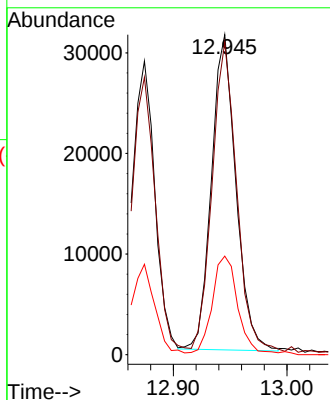
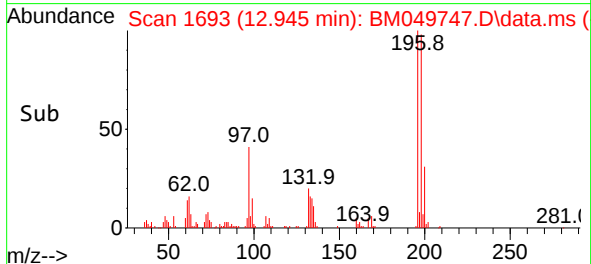
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



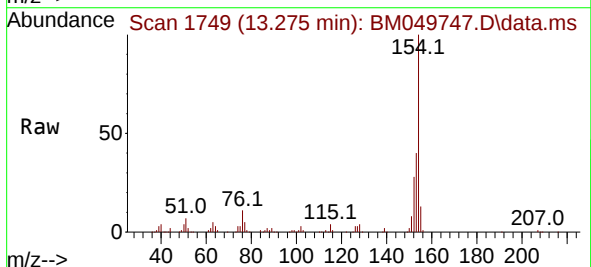
Tgt Ion:196 Resp: 4693
Ion Ratio Lower Upper
196 100
198 97.7 77.0 115.4
200 30.8 25.2 37.8

Manual Integrations
APPROVED

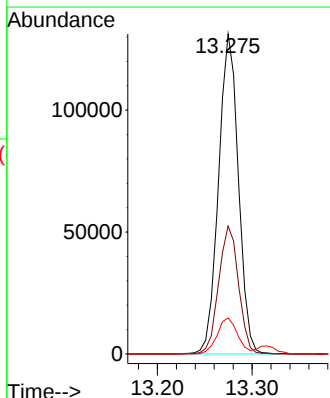
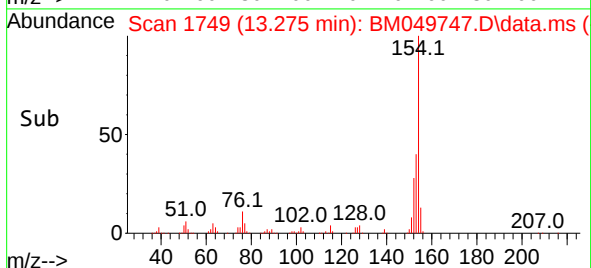
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

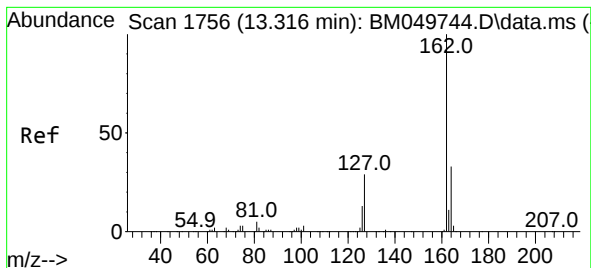


#43
1,1'-Biphenyl
Concen: 4.541 ng/ul
RT: 13.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



Tgt Ion:154 Resp: 191201
Ion Ratio Lower Upper
154 100
153 40.0 31.4 47.2
76 11.3 9.0 13.4





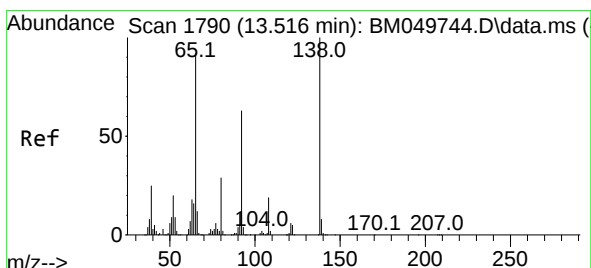
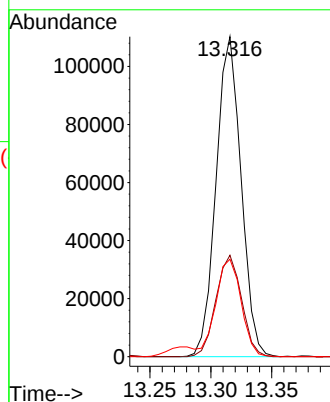
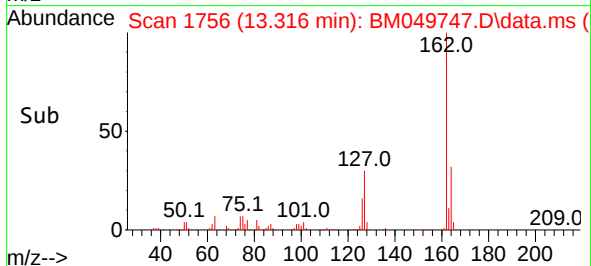
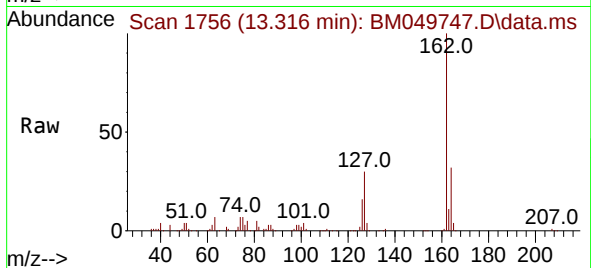
#44
2-Chloronaphthalene
Concen: 4.620 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Instrument : BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion:162 Resp: 157694
Ion Ratio Lower Upper
162 100
164 31.7 25.5 38.3
127 30.4 25.6 38.4

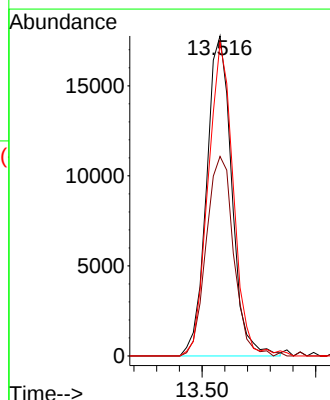
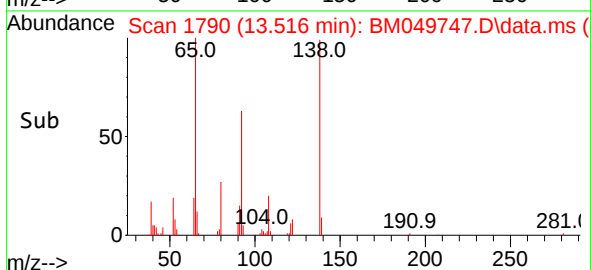
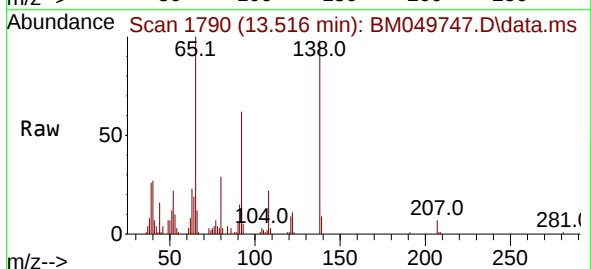
Manual Integrations
APPROVED

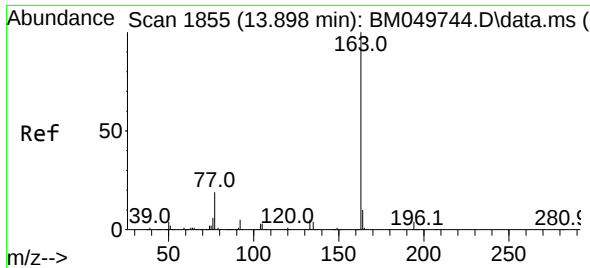
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#45
2-Nitroaniline
Concen: 3.763 ng/ul
RT: 13.516 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

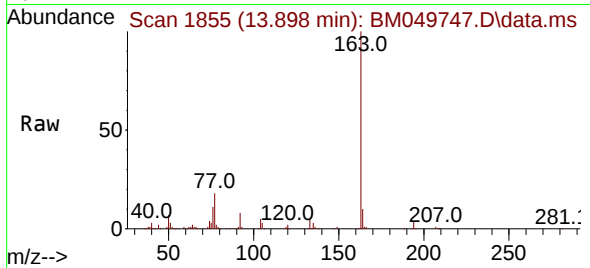
Tgt Ion: 65 Resp: 27419
Ion Ratio Lower Upper
65 100
92 62.3 55.3 82.9
138 98.0 86.3 129.5





#47
Dimethylphthalate
Concen: 4.594 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

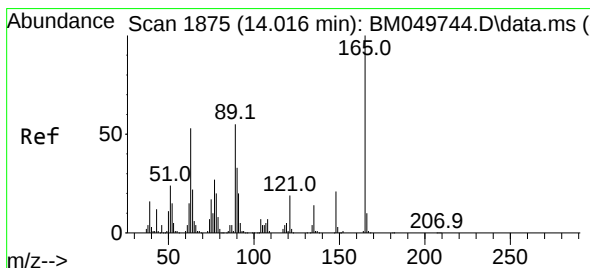
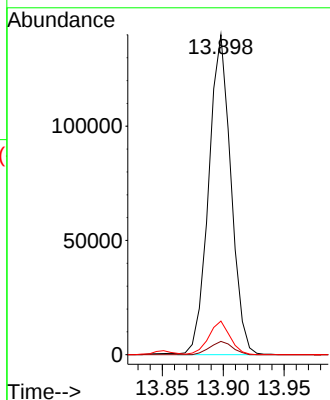
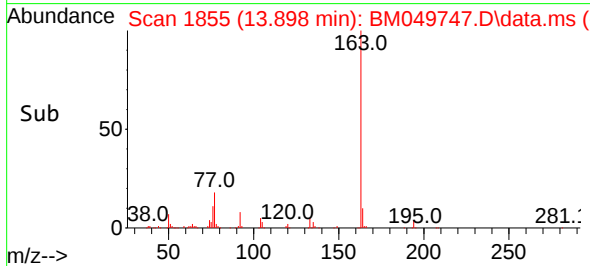
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:163 Resp: 177568
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.5 8.2 12.2

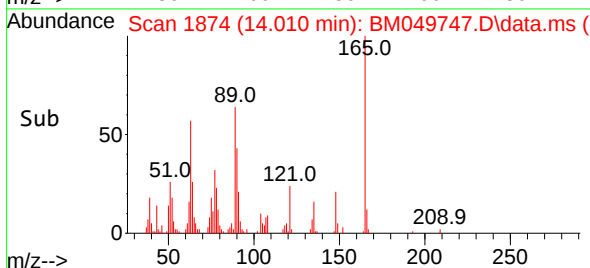
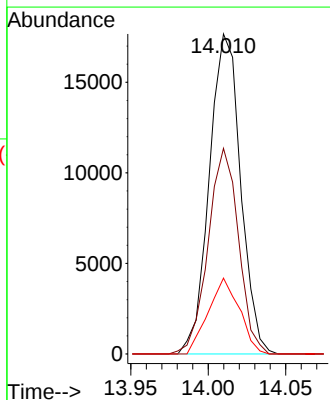
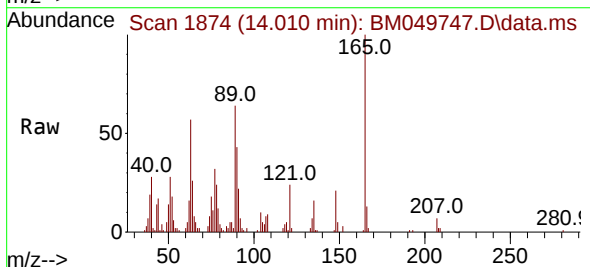
Manual Integrations
APPROVED

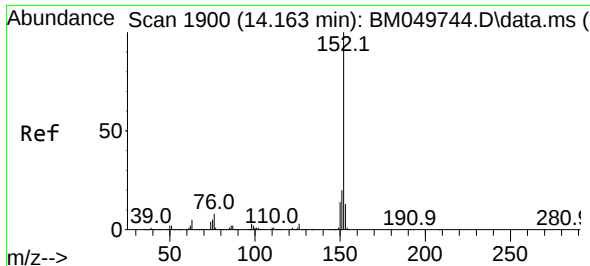
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#48
2,6-Dinitrotoluene
Concen: 3.684 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

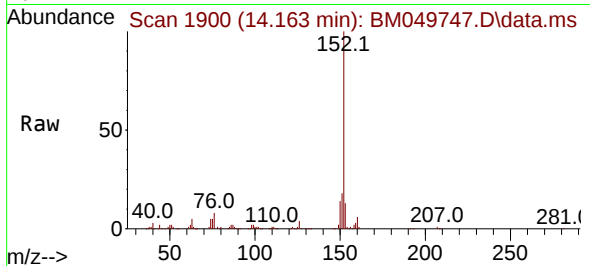
Tgt Ion:165 Resp: 24827
Ion Ratio Lower Upper
165 100
89 64.3 42.9 64.3
121 23.7 16.1 24.1





#50
Acenaphthylene
Concen: 4.607 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

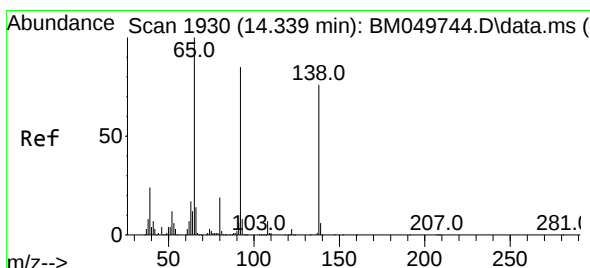
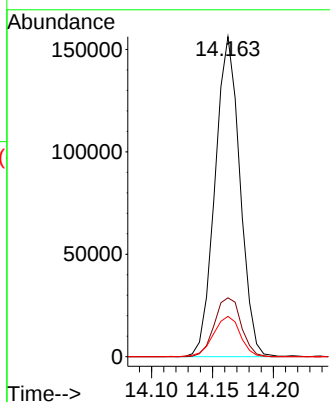
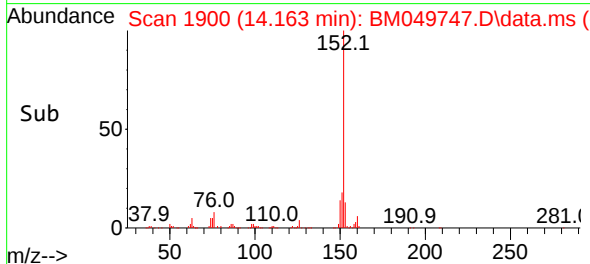
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:152 Resp: 22246
Ion Ratio Lower Upper
152 100
151 18.4 15.9 23.9
153 12.6 10.5 15.7

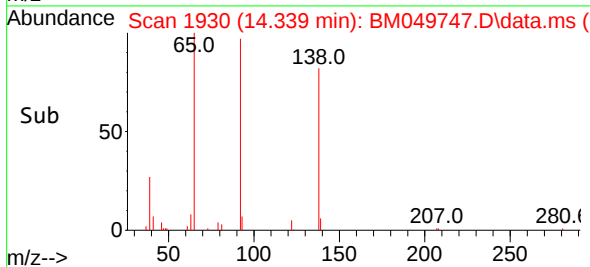
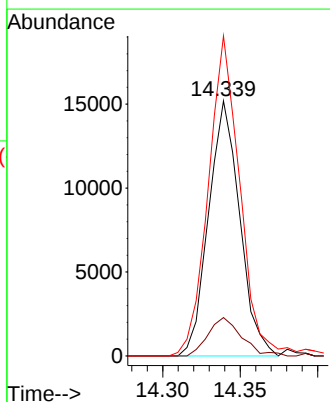
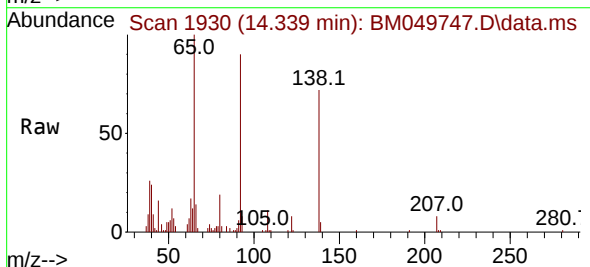
Manual Integrations
APPROVED

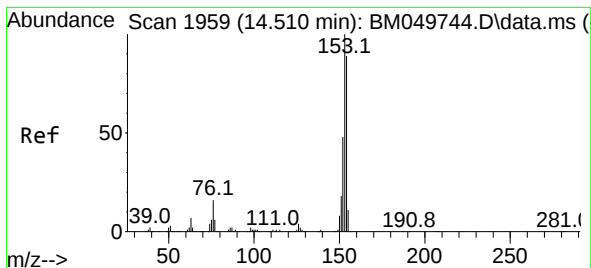
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#51
3-Nitroaniline
Concen: 3.042 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

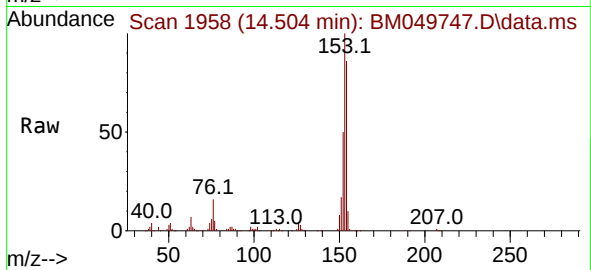
Tgt Ion:138 Resp: 21188
Ion Ratio Lower Upper
138 100
108 15.1 8.7 13.1#
92 125.5 90.4 135.6





#52
Acenaphthene
Concen: 4.478 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

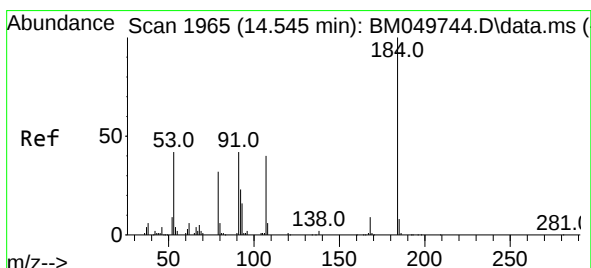
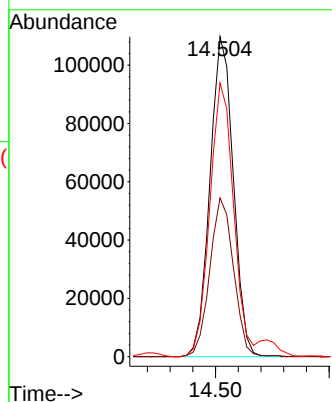
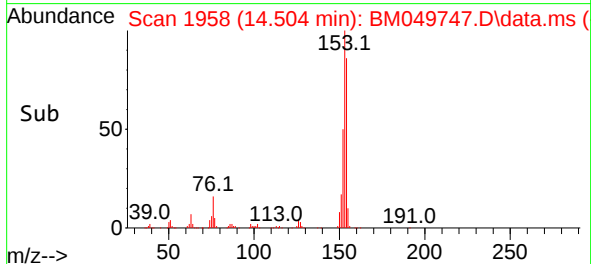
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



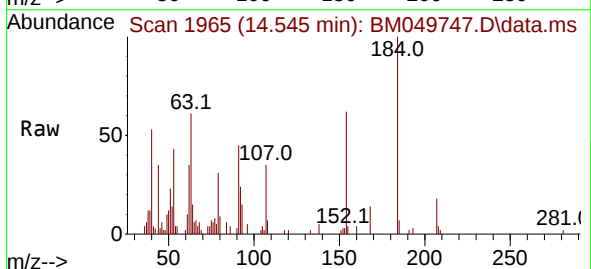
Tgt Ion:153 Resp: 15696
Ion Ratio Lower Upper
153 100
152 49.6 38.8 58.2
154 85.5 70.3 105.5

Manual Integrations
APPROVED

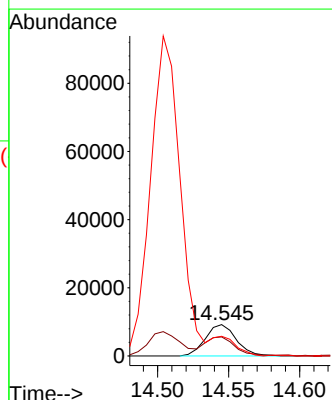
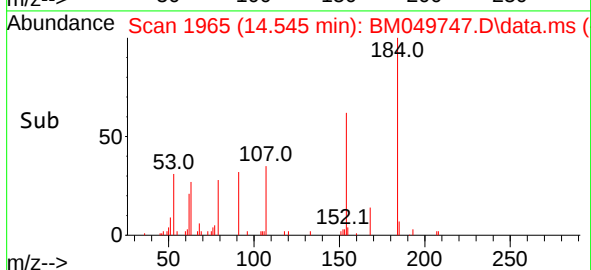
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

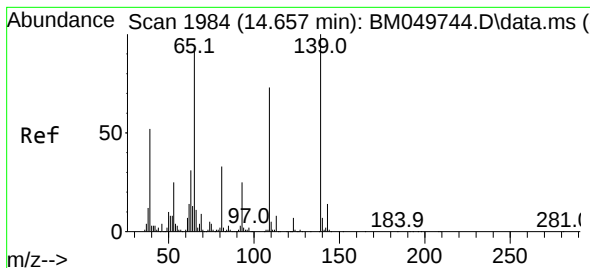


#53
2,4-Dinitrophenol
Concen: 3.499 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



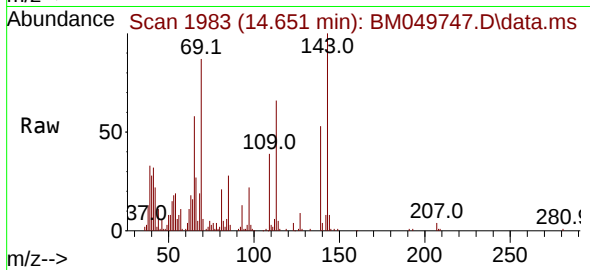
Tgt Ion:184 Resp: 13944
Ion Ratio Lower Upper
184 100
63 60.8 48.2 72.4
154 62.5 50.6 75.8





#55
4-Nitrophenol
Concen: 3.975 ng/ul
RT: 14.651 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

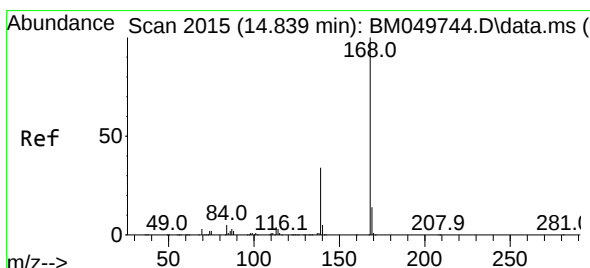
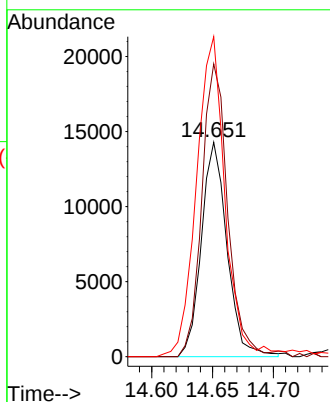
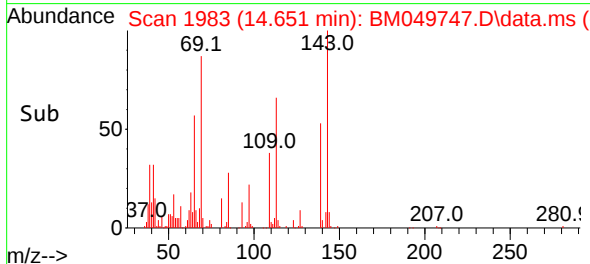
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:109 Resp: 20944
Ion Ratio Lower Upper
109 100
139 136.6 108.3 162.5
65 149.3 101.3 151.9

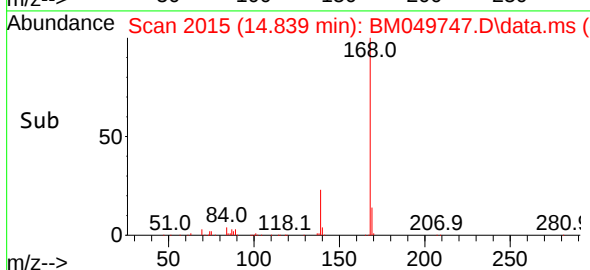
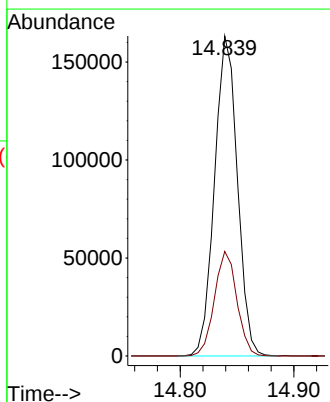
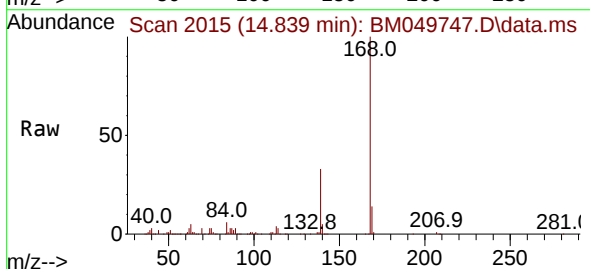
Manual Integrations
APPROVED

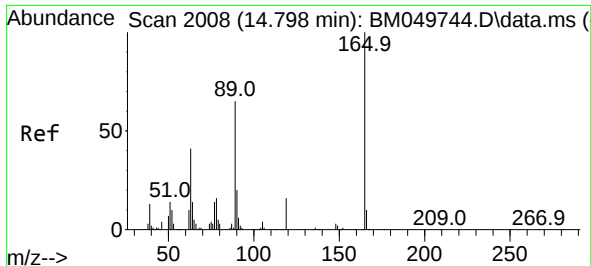
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#56
Dibenzofuran
Concen: 4.622 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

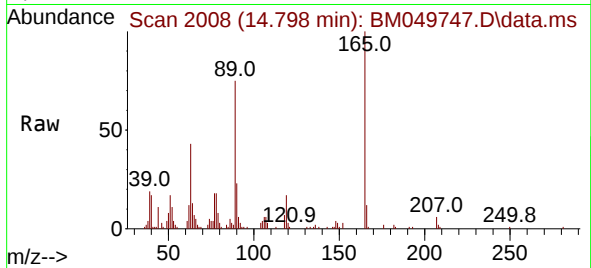
Tgt Ion:168 Resp: 227985
Ion Ratio Lower Upper
168 100
139 32.6 26.7 40.1





#57
2,4-Dinitrotoluene
Concen: 3.731 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

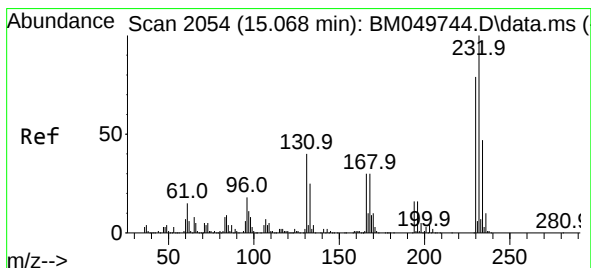
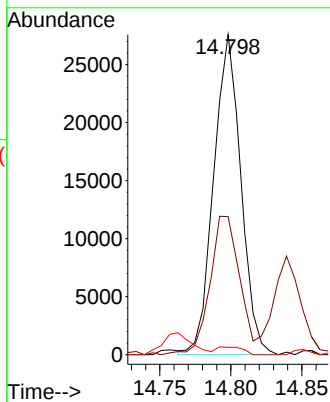
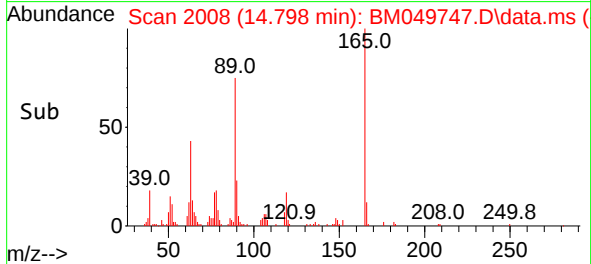
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



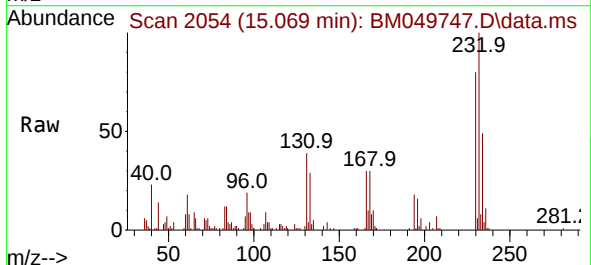
Tgt Ion:165 Resp: 3672
Ion Ratio Lower Upper
165 100
63 43.2 34.6 51.8
182 2.3 2.1 3.1

Manual Integrations
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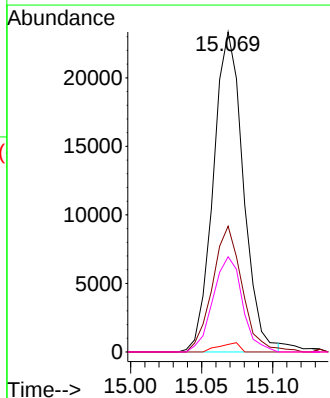
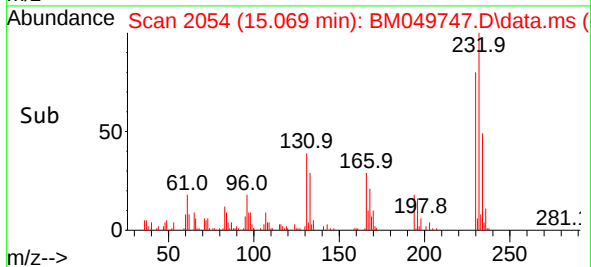
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

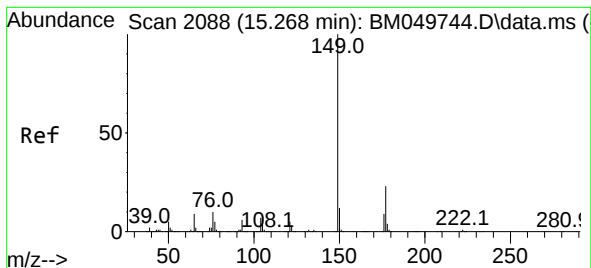


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.664 ng/ul
RT: 15.069 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



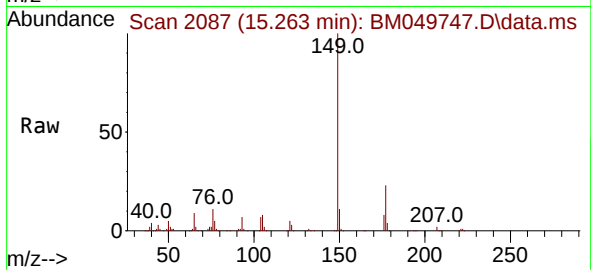
Tgt Ion:232 Resp: 34274
Ion Ratio Lower Upper
232 100
131 39.3 31.2 46.8
130 2.4 1.6 2.4
166 29.7 23.5 35.3





#59
Diethylphthalate
Concen: 4.242 ng/ul
RT: 15.263 min Scan# 2087
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

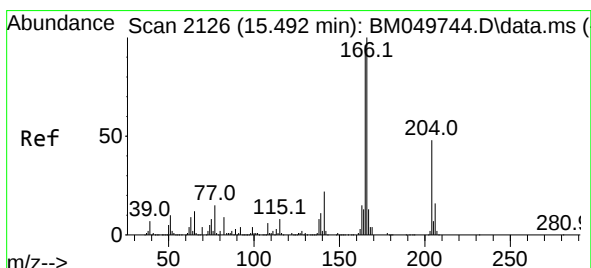
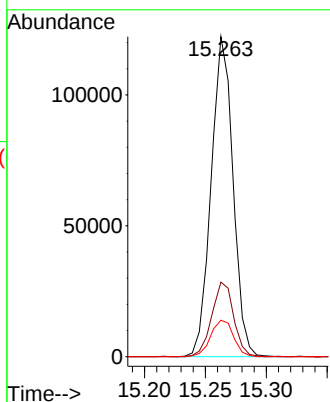
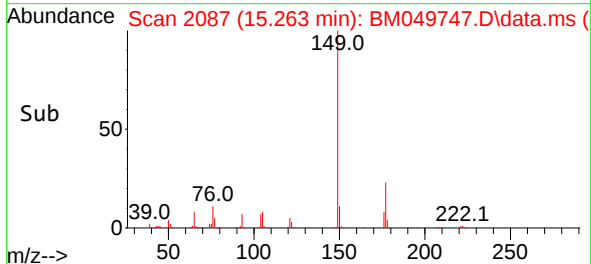
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:149 Resp: 152712
Ion Ratio Lower Upper
149 100
177 23.3 18.6 27.8
150 11.4 9.6 14.4

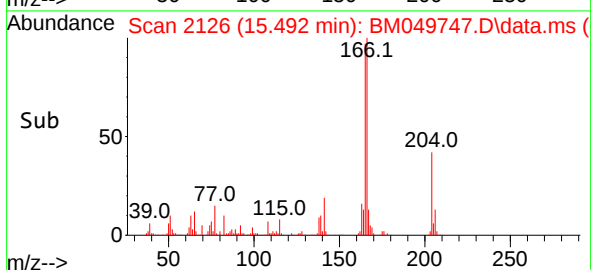
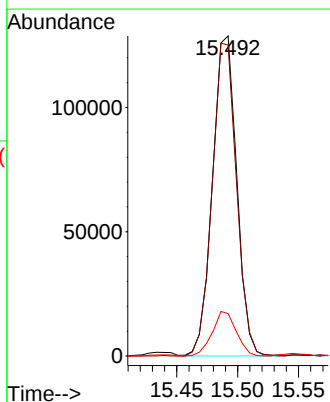
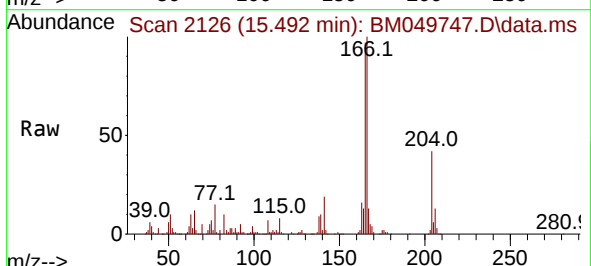
Manual Integrations
APPROVED

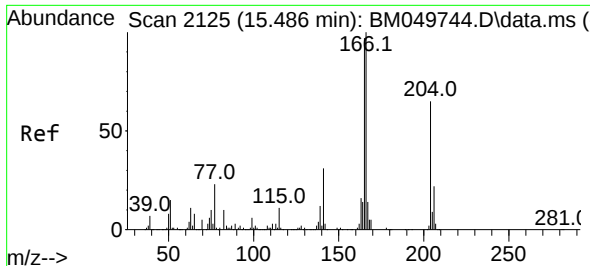
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#61
Fluorene
Concen: 4.285 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion:166 Resp: 178147
Ion Ratio Lower Upper
166 100
165 97.2 80.2 120.2
167 13.2 10.6 16.0





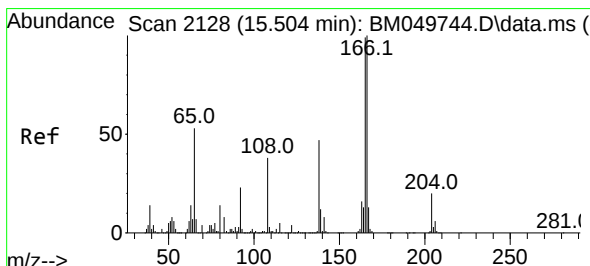
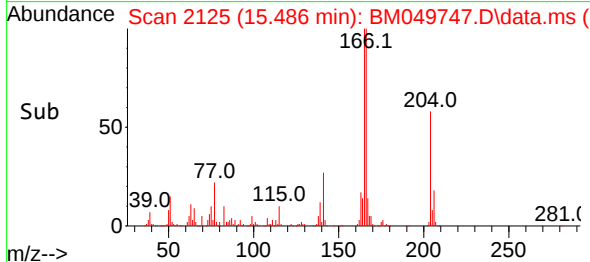
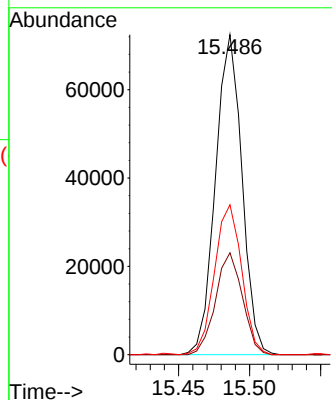
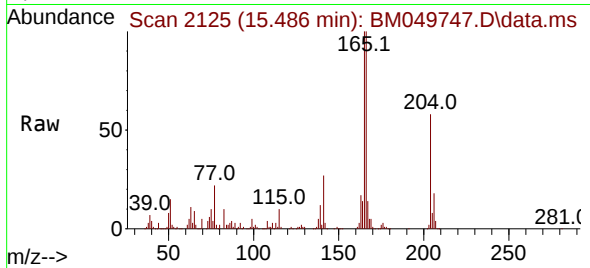
#62
4-Chlorophenyl-phenylether
Concen: 4.142 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Tgt Ion:204 Resp: 93889
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.6
141 46.8 39.4 59.0

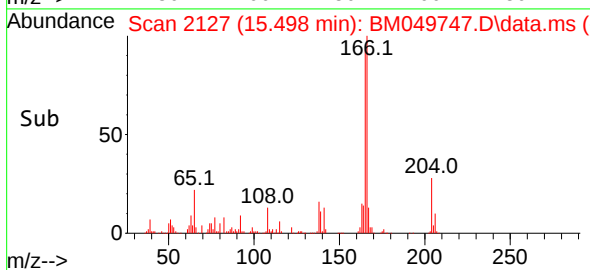
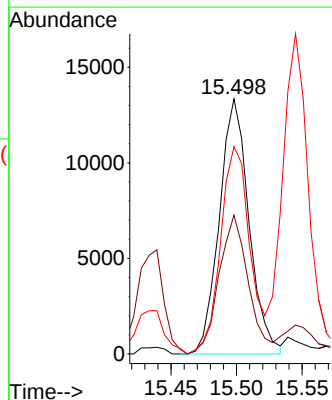
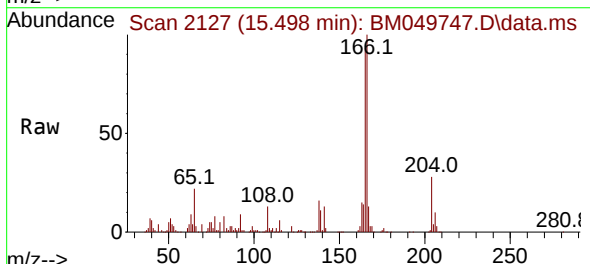
Manual Integrations
APPROVED

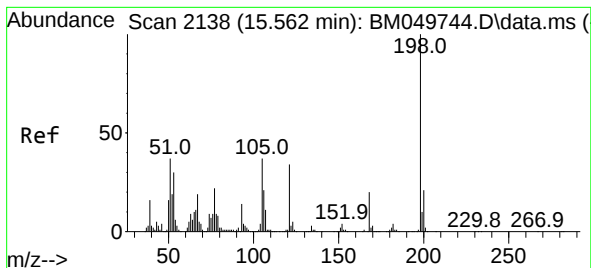
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#63
4-Nitroaniline
Concen: 3.192 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

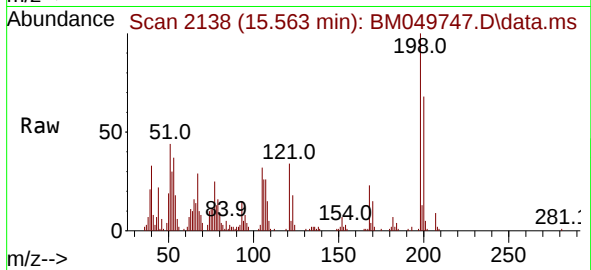
Tgt Ion:138 Resp: 20927
Ion Ratio Lower Upper
138 100
92 54.4 39.0 58.6
108 81.3 64.4 96.6





#66
4,6-Dinitro-2-methylphenol
Concen: 3.877 ng/ul
RT: 15.563 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

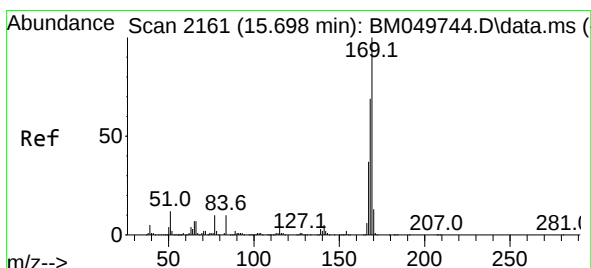
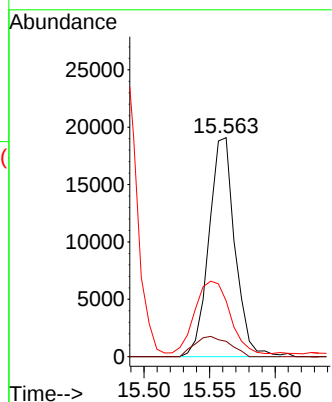
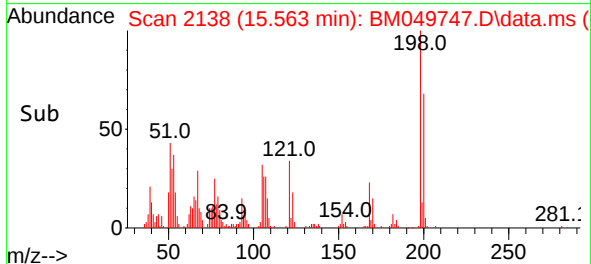
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



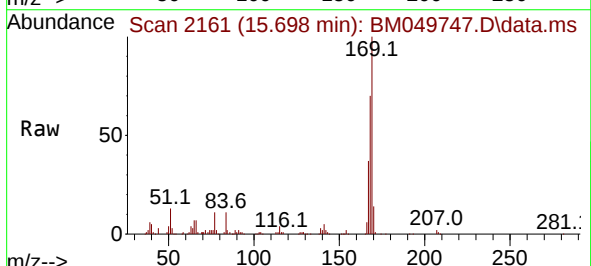
Tgt Ion:198 Resp: 2635
Ion Ratio Lower Upper
198 100
182 7.0 4.4 6.6
77 25.5 18.2 27.4

Manual Integrations
APPROVED

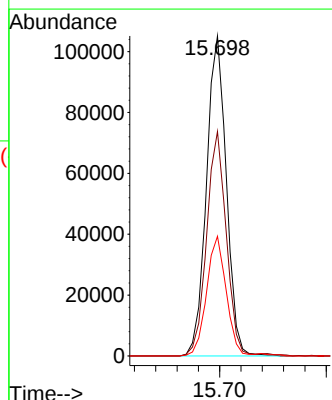
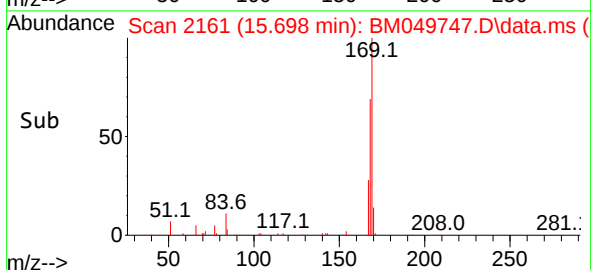
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

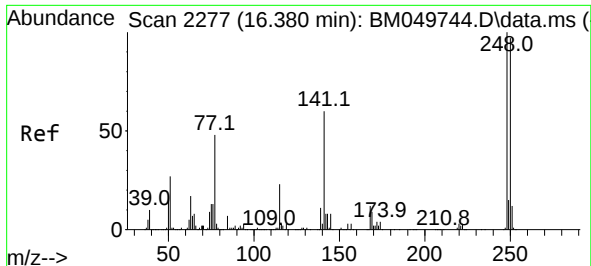


#67
N-Nitrosodiphenylamine
Concen: 4.295 ng/ul
RT: 15.698 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



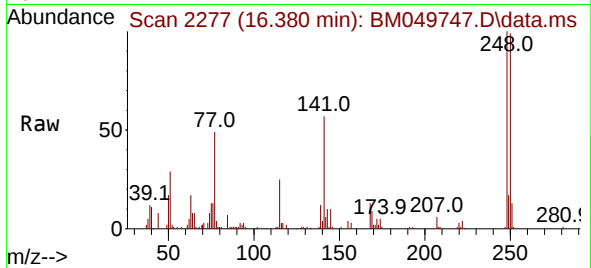
Tgt Ion:169 Resp: 136382
Ion Ratio Lower Upper
169 100
168 70.1 55.2 82.8
167 37.4 29.8 44.6





#68
4-Bromophenyl-phenylether
Concen: 4.256 ng/ul
RT: 16.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

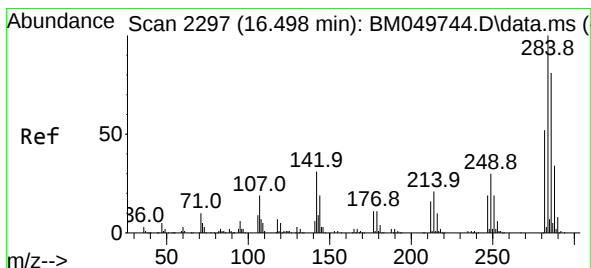
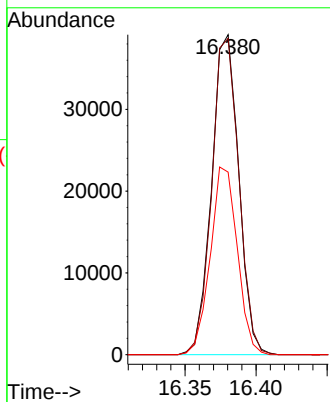
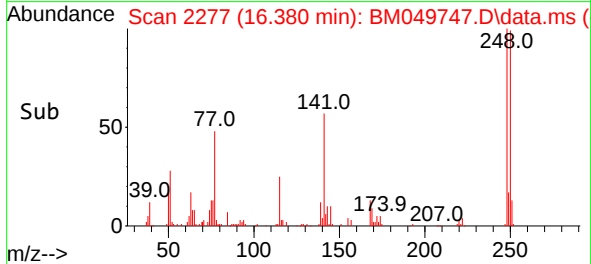
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:248 Resp: 51854
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.6
141 57.1 49.0 73.4

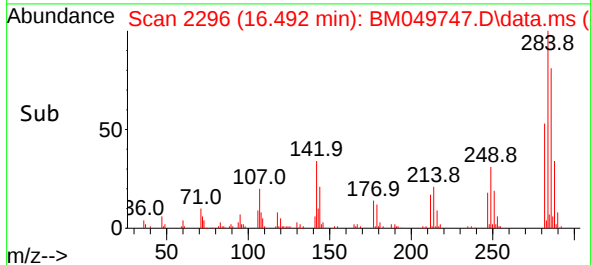
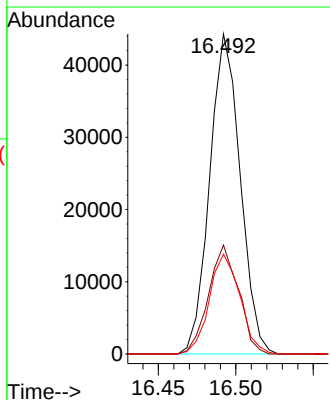
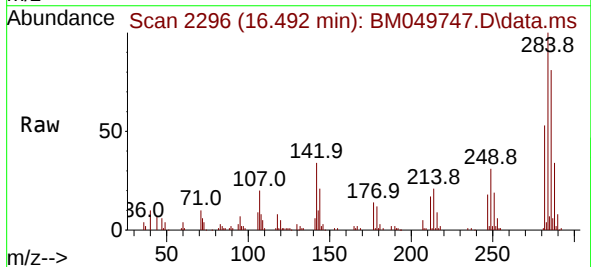
Manual Integrations
APPROVED

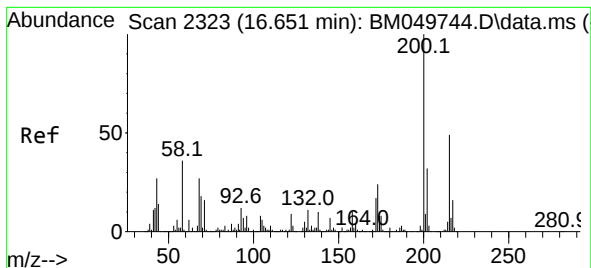
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#69
Hexachlorobenzene
Concen: 4.317 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion:284 Resp: 60650
Ion Ratio Lower Upper
284 100
142 32.0 25.5 38.3
249 29.3 24.3 36.5





#70

Atrazine

Concen: 4.132 ng/ul

RT: 16.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

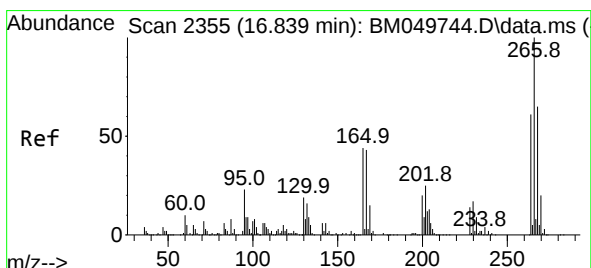
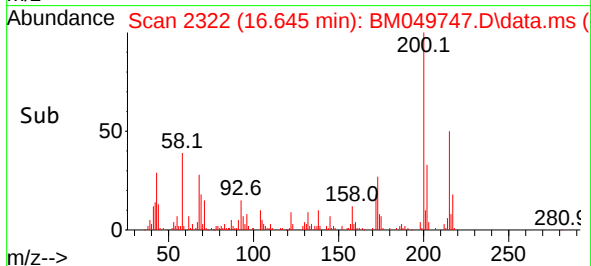
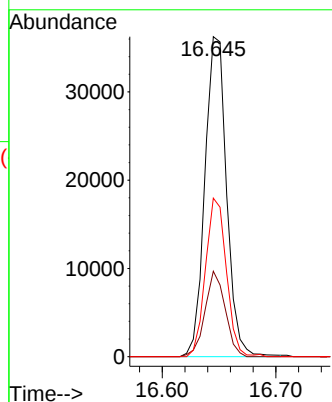
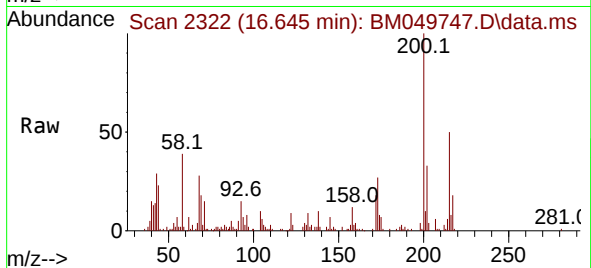
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	20.1	30.1
215	49.6	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#71

Pentachlorophenol

Concen: 3.406 ng/ul

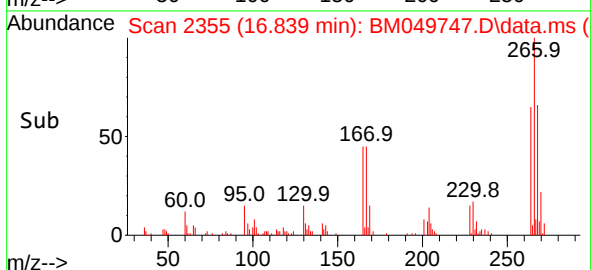
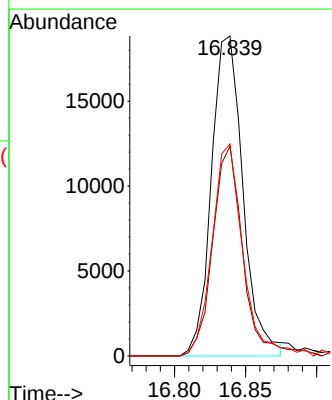
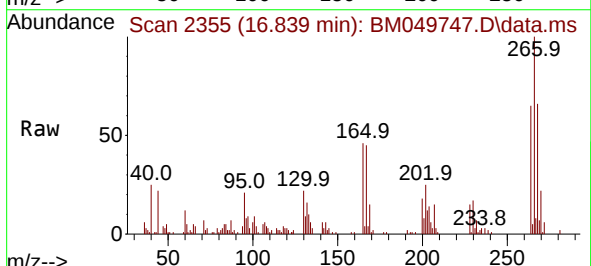
RT: 16.839 min Scan# 2355

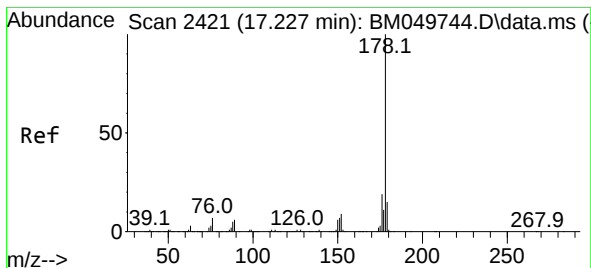
Delta R.T. 0.000 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

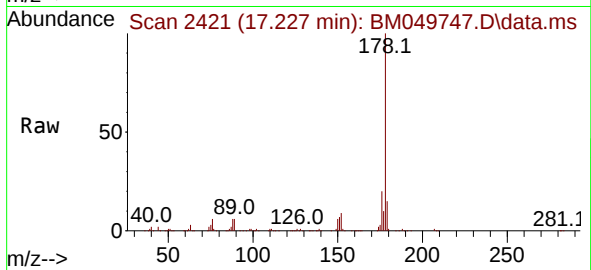
Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.5	50.8	76.2
268	66.2	52.2	78.2





#72
Phenanthrene
Concen: 4.355 ng/u1
RT: 17.227 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

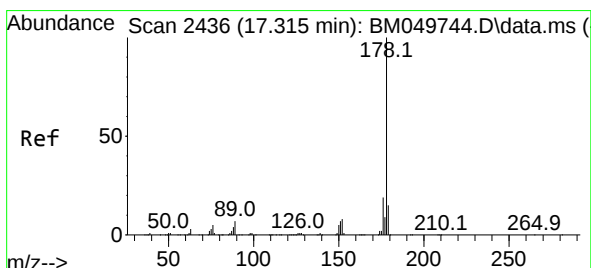
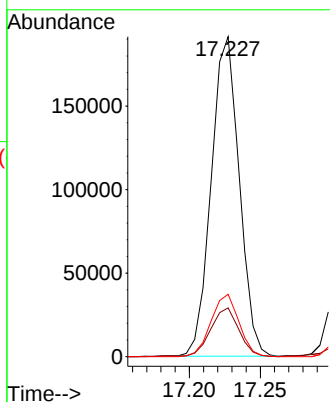
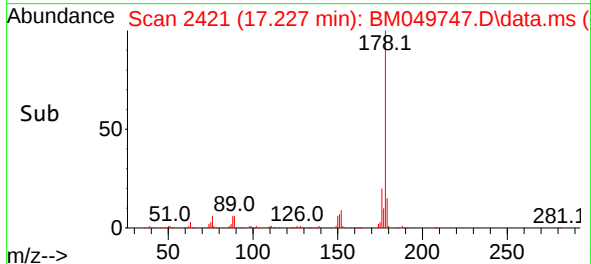
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



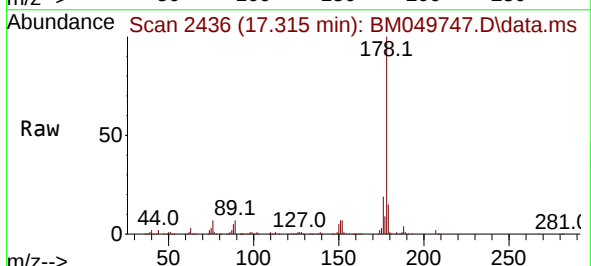
Tgt Ion:178 Resp: 262234
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.5 15.7 23.5

Manual Integrations
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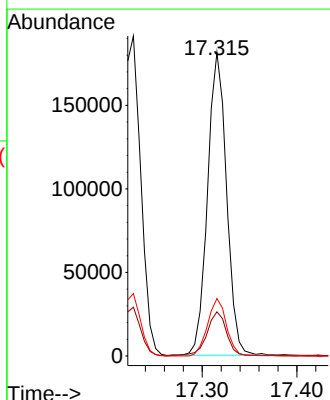
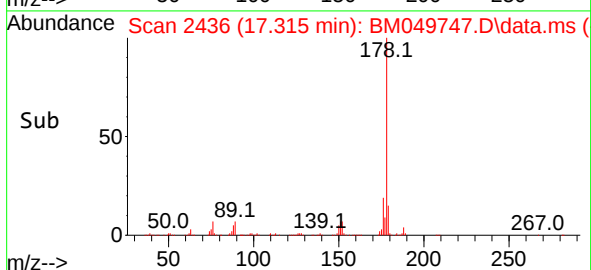
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

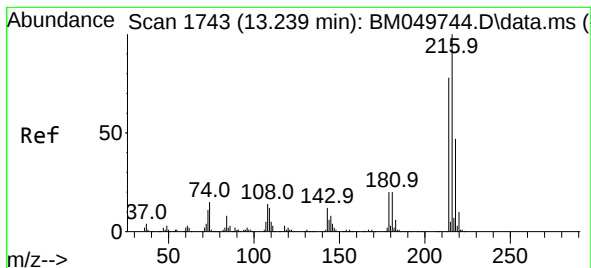


#74
Anthracene
Concen: 4.181 ng/u1
RT: 17.315 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



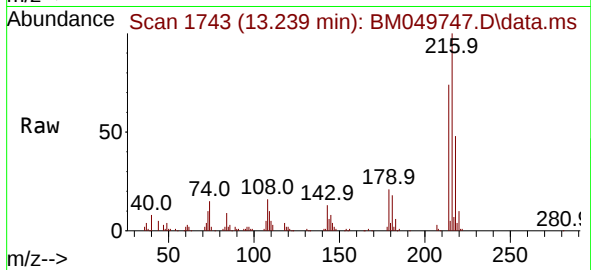
Tgt Ion:178 Resp: 252557
Ion Ratio Lower Upper
178 100
179 14.5 12.4 18.6
176 18.9 15.1 22.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.247 ng/uL
RT: 13.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

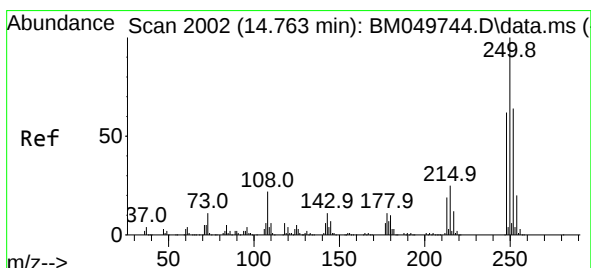
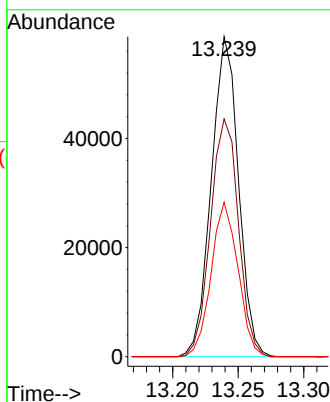
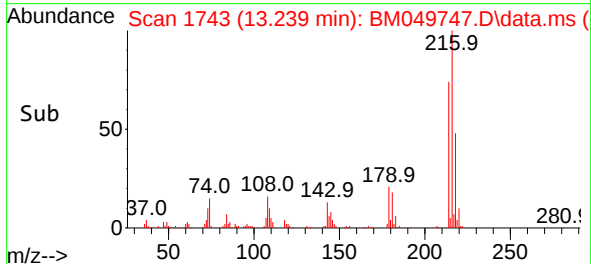
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



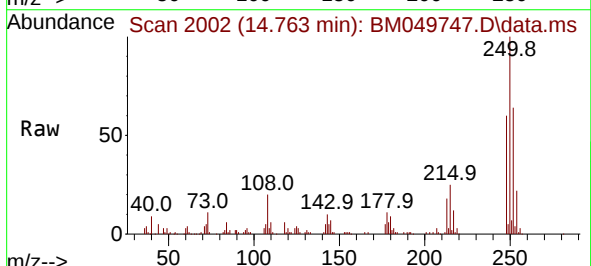
Tgt Ion:216 Resp: 84598
Ion Ratio Lower Upper
216 100
214 74.3 62.2 93.4
218 48.3 39.2 58.8

Manual Integrations
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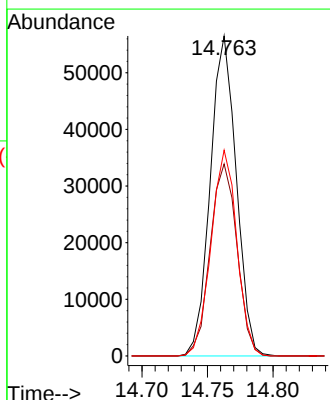
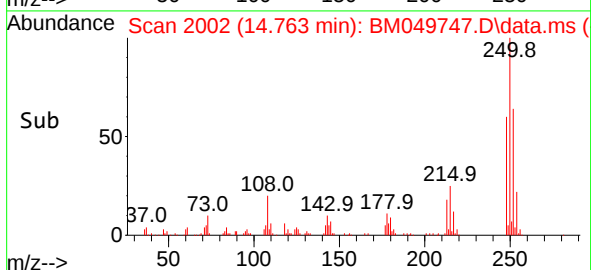
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

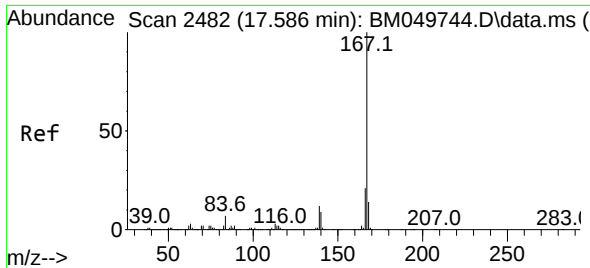


#76
Pentachlorobenzene
Concen: 4.148 ng/uL
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21



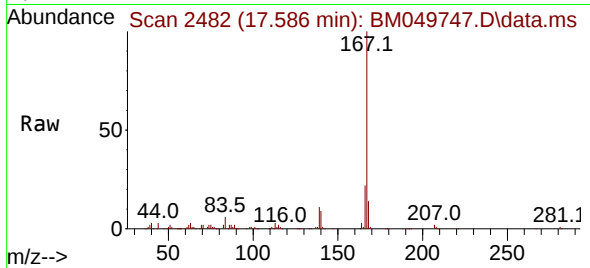
Tgt Ion:250 Resp: 77965
Ion Ratio Lower Upper
250 100
248 60.0 50.0 75.0
252 64.3 51.0 76.6





#77
 Carbazole
 Concen: 3.805 ng/ul
 RT: 17.586 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BM049747.D
 Acq: 24 Mar 2025 12:21

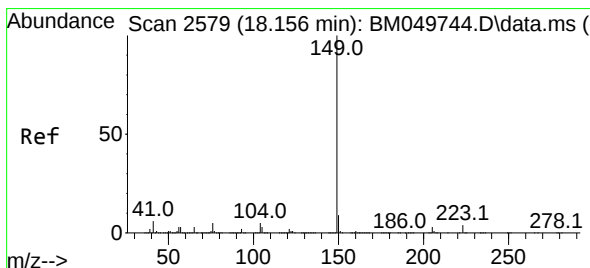
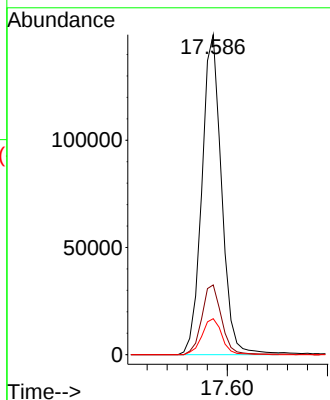
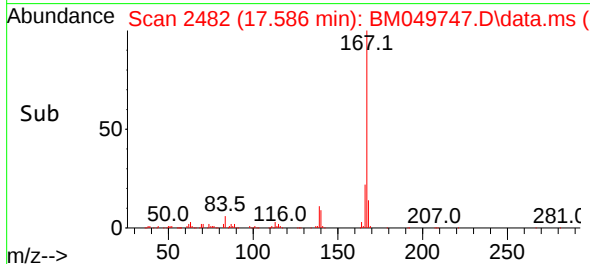
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02



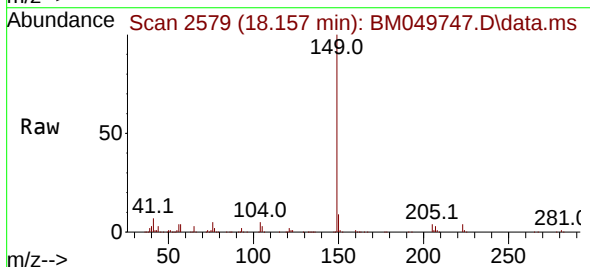
Tgt Ion:167 Resp: 204477
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 11.3 9.3 13.9

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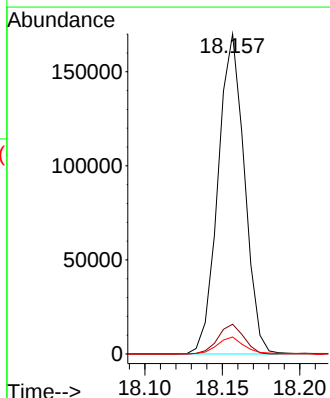
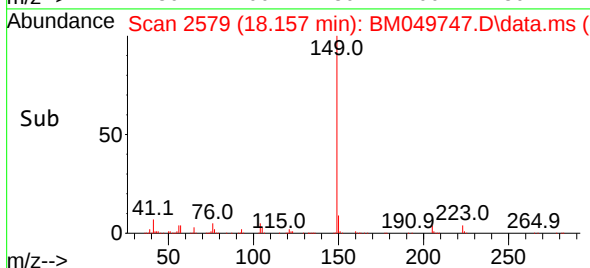
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025

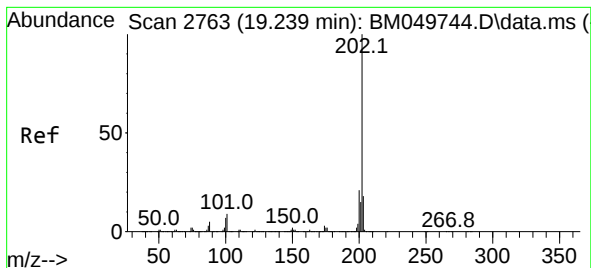


#78
 Di-n-butylphthalate
 Concen: 3.631 ng/ul
 RT: 18.157 min Scan# 2579
 Delta R.T. 0.000 min
 Lab File: BM049747.D
 Acq: 24 Mar 2025 12:21



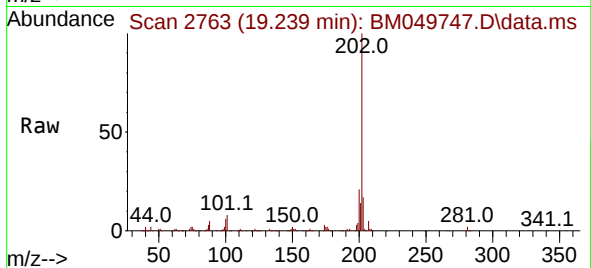
Tgt Ion:149 Resp: 201459
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.7 11.5
 104 5.3 4.0 6.0





#80
Fluoranthene
Concen: 4.589 ng/ul
RT: 19.239 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

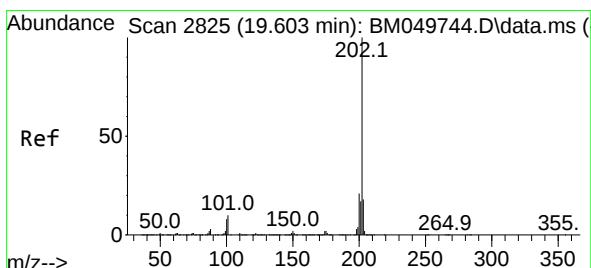
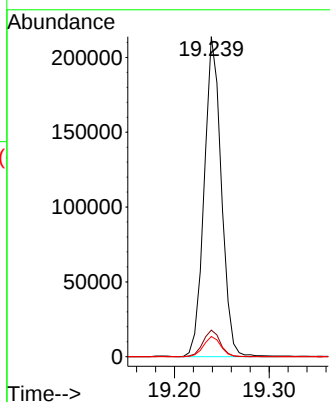
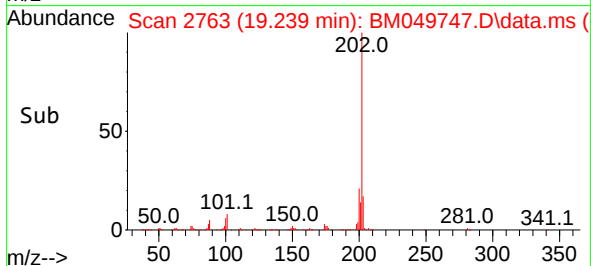
Instrument : BNA_M
ClientSampleId : MDL-MED-SOIL-QT1-2025-02



Tgt Ion:202 Resp: 268989
Ion Ratio Lower Upper
202 100
101 8.3 6.3 9.5
100 6.3 5.2 7.8

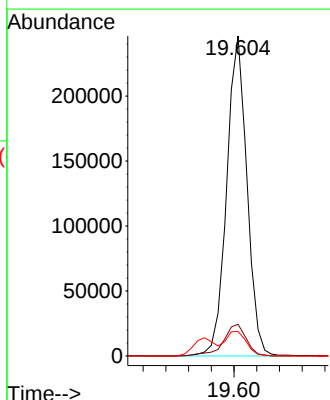
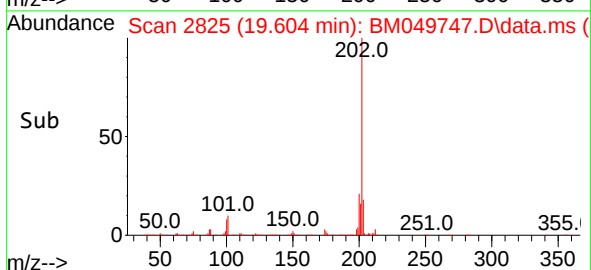
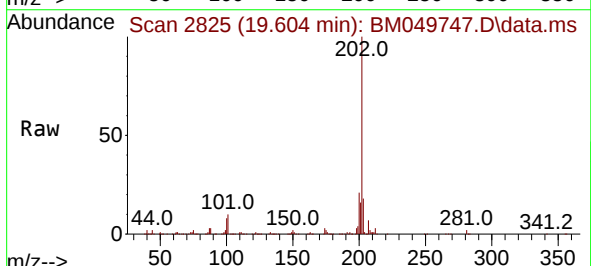
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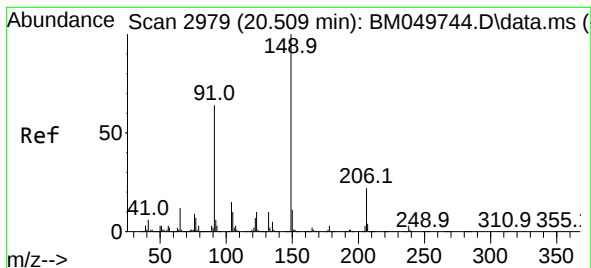
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#82
Pyrene
Concen: 4.801 ng/ul
RT: 19.604 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion:202 Resp: 304995
Ion Ratio Lower Upper
202 100
101 9.9 7.1 10.7
100 7.7 5.8 8.8





#83

Butylbenzylphthalate

Concen: 3.690 ng/ul

RT: 20.503 min Scan# 2979

Delta R.T. -0.006 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

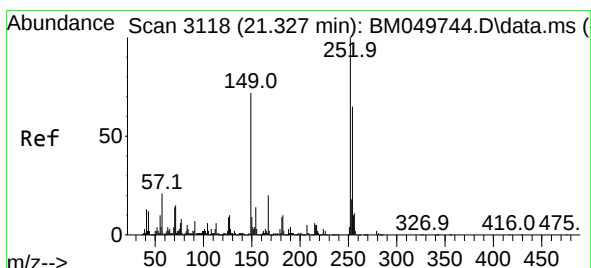
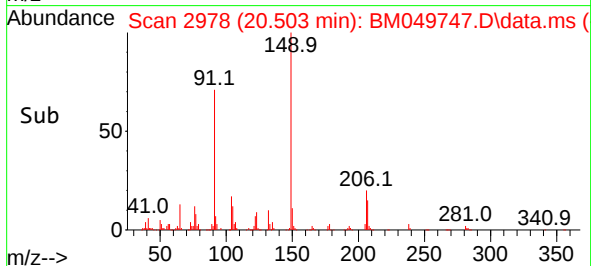
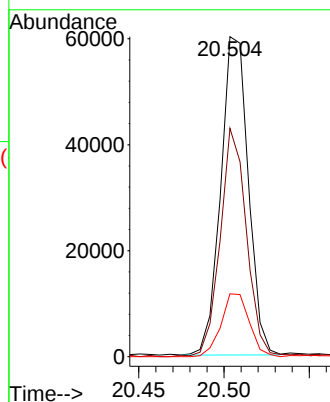
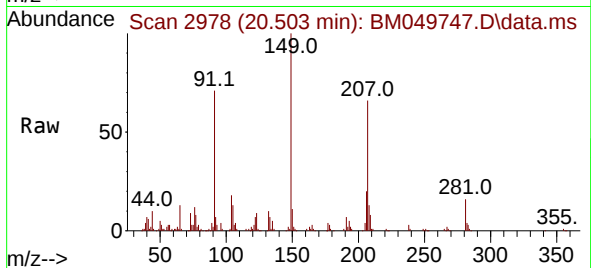
Tgt Ion:	149	Resp:	6767
Ion Ratio	Lower	Upper	
149	100		
91	71.3	53.4	80.2
206	19.7	17.0	25.4

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#84

3,3'-Dichlorobenzidine

Concen: 2.978 ng/ul

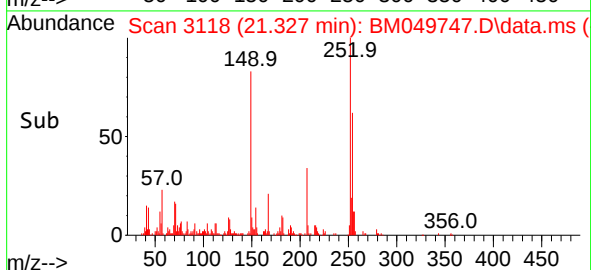
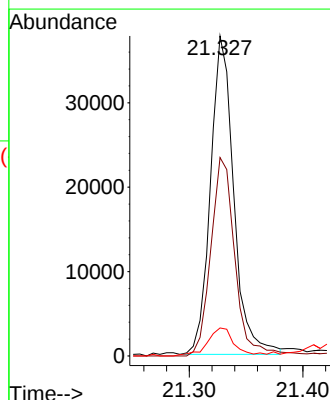
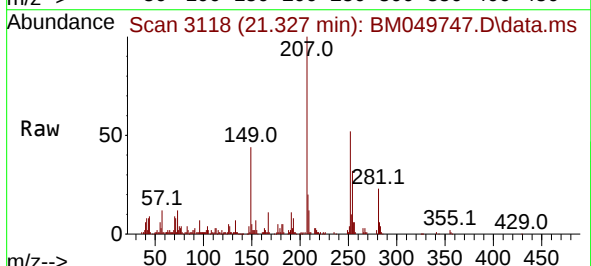
RT: 21.327 min Scan# 3118

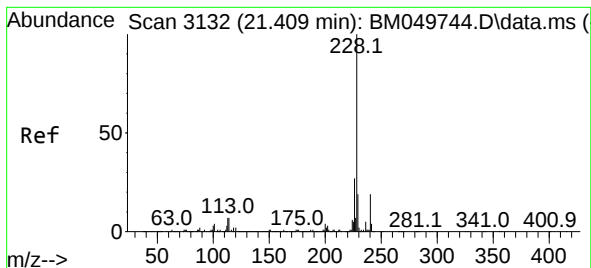
Delta R.T. -0.006 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Tgt Ion:	252	Resp:	53734
Ion Ratio	Lower	Upper	
252	100		
254	62.0	51.7	77.5
126	8.7	6.8	10.2





#85

Benzo(a)anthracene

Concen: 4.410 ng/ul

RT: 21.403 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM049747.D

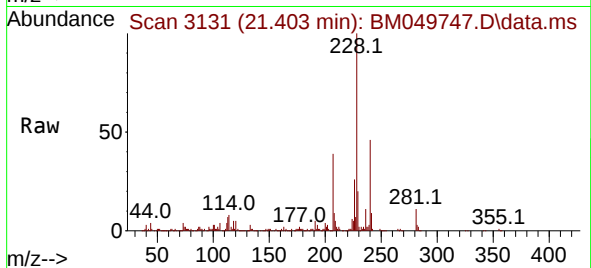
Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02



Tgt Ion:228 Resp: 270690

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

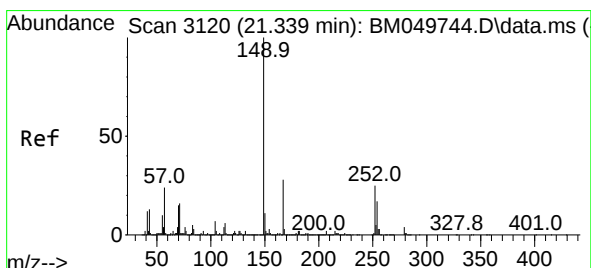
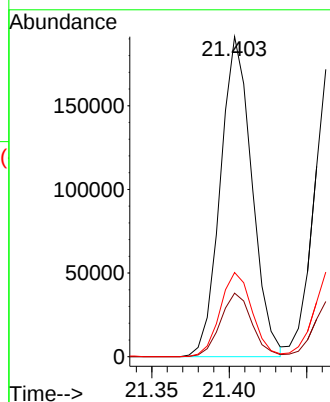
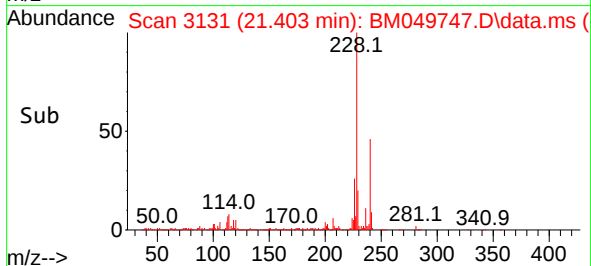
226 26.3 22.2 33.2

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.369 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

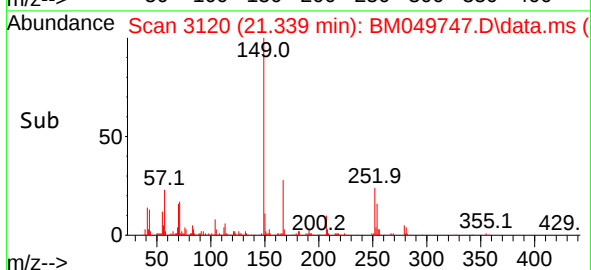
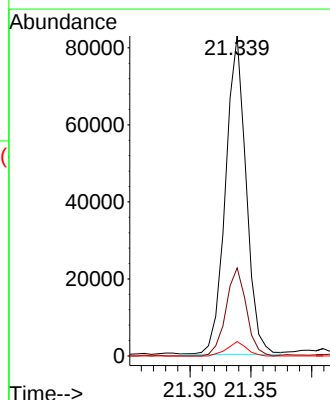
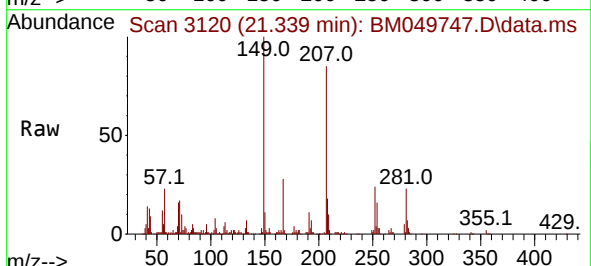
Tgt Ion:149 Resp: 97210

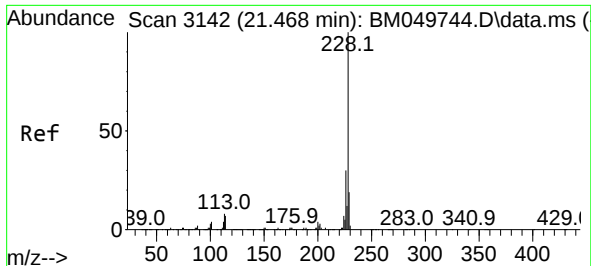
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

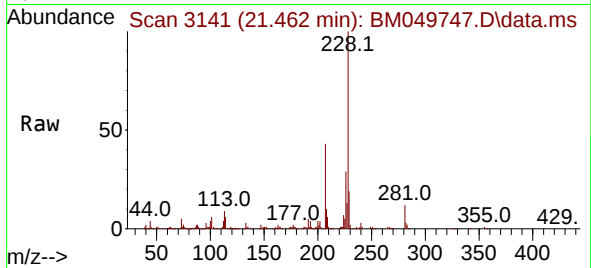
279 4.5 3.1 4.7





#87
Chrysene
Concen: 4.484 ng/ul
RT: 21.462 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

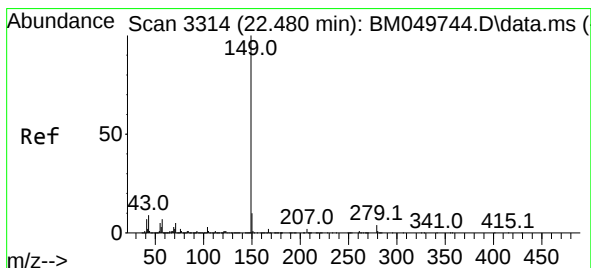
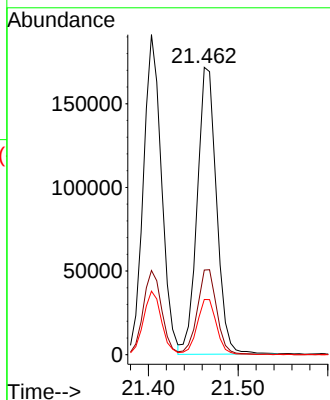
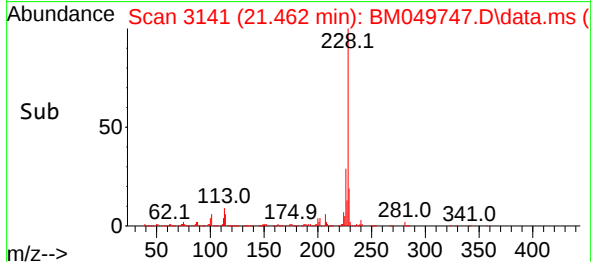
Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02



Tgt Ion:228 Resp: 256404
Ion Ratio Lower Upper
228 100
226 29.4 24.0 36.0
229 19.2 15.7 23.5

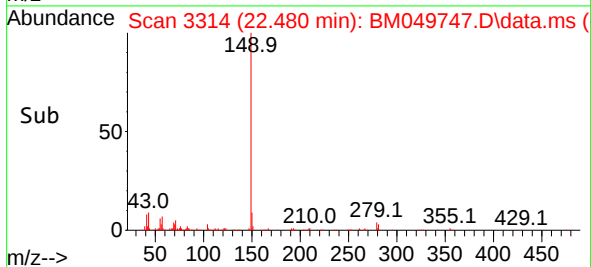
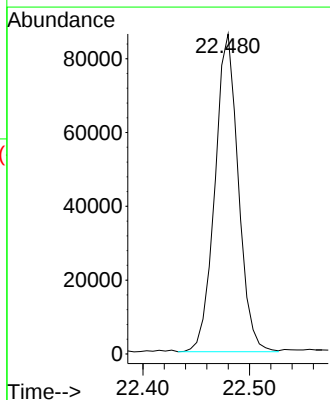
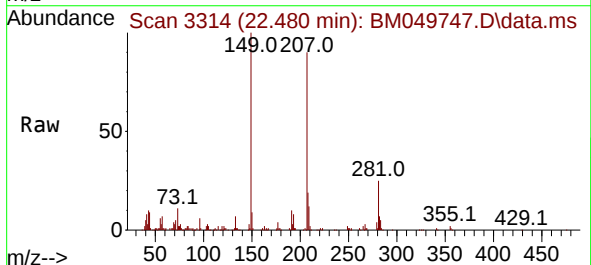
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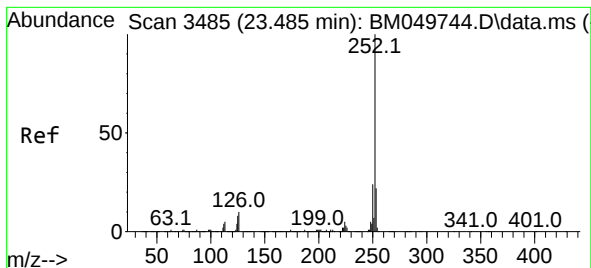
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#89
Di-n-octyl phthalate
Concen: 2.645 ng/ul
RT: 22.480 min Scan# 3314
Delta R.T. -0.006 min
Lab File: BM049747.D
Acq: 24 Mar 2025 12:21

Tgt Ion:149 Resp: 131198





#90

Benzo(b)fluoranthene

Concen: 4.317 ng/ul

RT: 23.486 min Scan# 3485

Delta R.T. -0.006 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

Tgt Ion:252 Resp: 24607

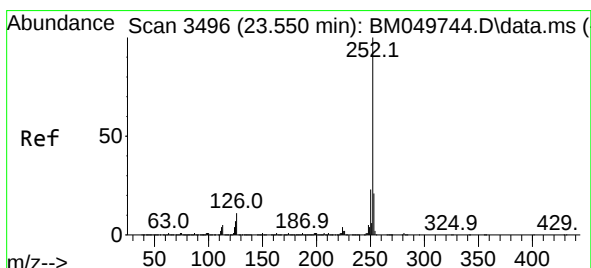
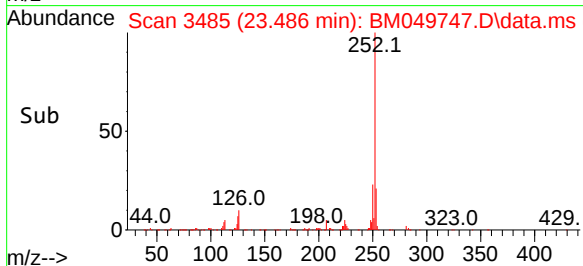
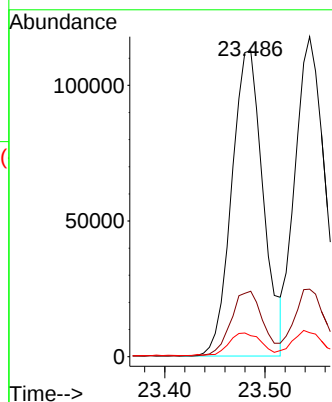
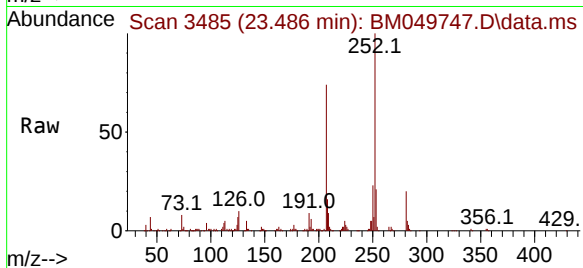
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.3	25.9
125	6.9	6.2	9.4

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#91

Benzo(k)fluoranthene

Concen: 4.018 ng/ul

RT: 23.544 min Scan# 3495

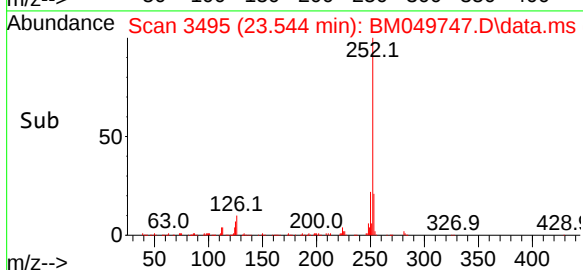
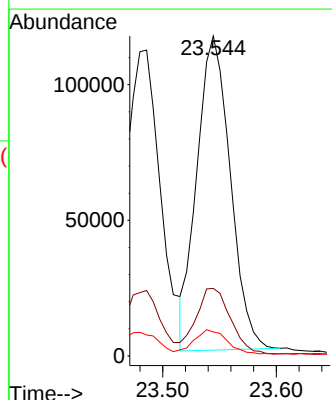
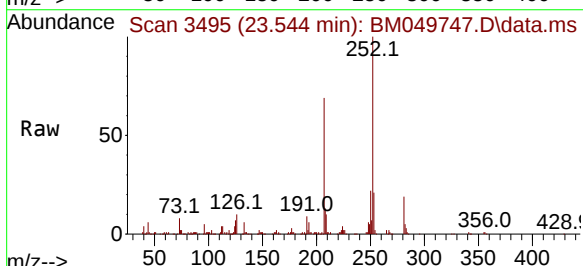
Delta R.T. -0.006 min

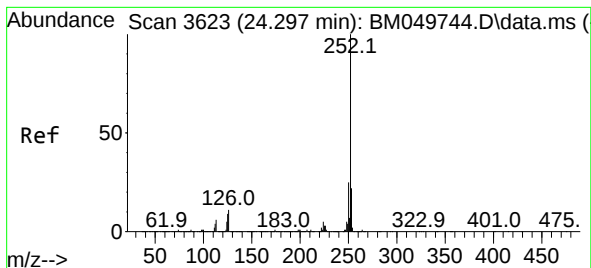
Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Tgt Ion:252 Resp: 236236

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	7.5	6.0	9.0





#93

Benzo(a)pyrene

Concen: 4.290 ng/ul

RT: 24.291 min Scan# 3623

Delta R.T. -0.012 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

Instrument :

BNA_M

ClientSampleId :

MDL-MED-SOIL-QT1-2025-02

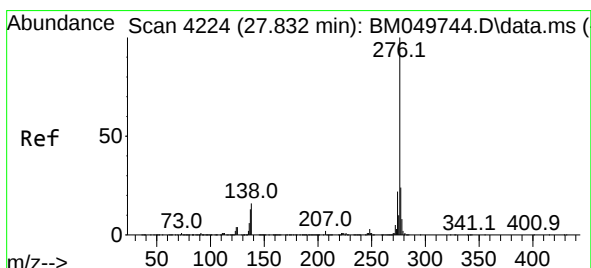
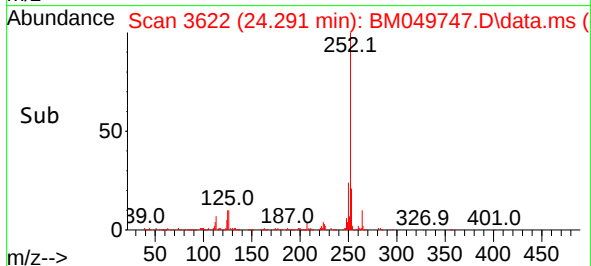
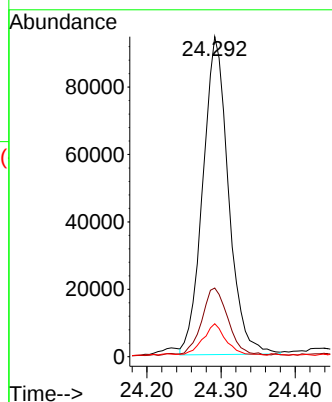
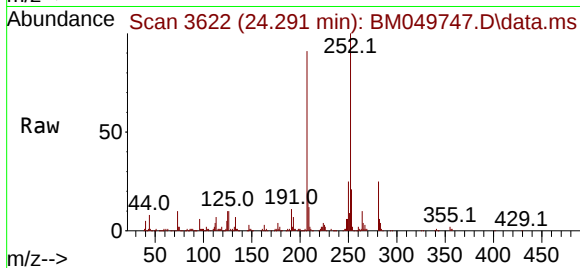
Tgt Ion:	252	Resp:	226590
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	10.3	7.2	10.8

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.276 ng/ul

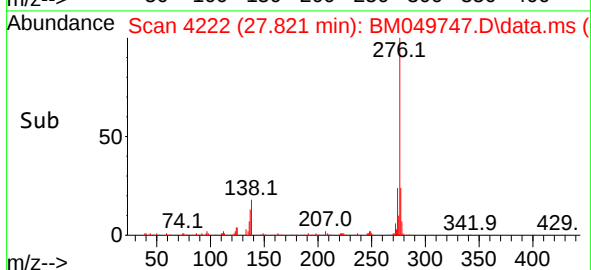
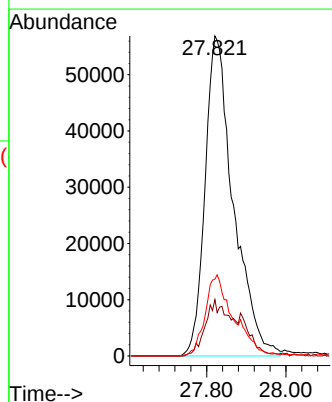
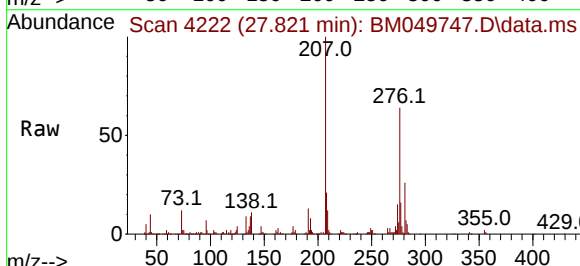
RT: 27.821 min Scan# 4222

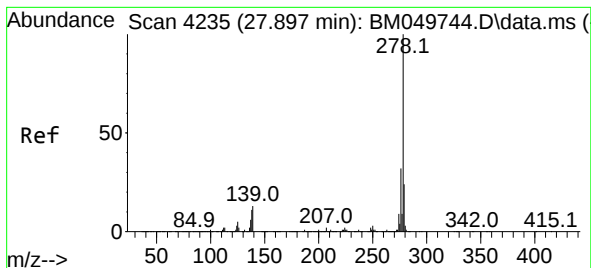
Delta R.T. -0.023 min

Lab File: BM049747.D

Acq: 24 Mar 2025 12:21

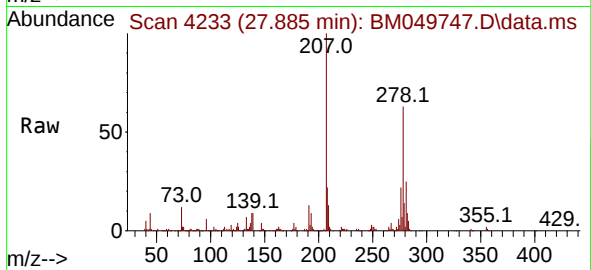
Tgt Ion:	276	Resp:	282007
Ion Ratio	Lower	Upper	
276	100		
138	17.6	13.1	19.7
277	24.1	18.6	28.0





#95
 Dibenzo(a,h)anthracene
 Concen: 4.187 ng/ul
 RT: 27.885 min Scan# 41
 Delta R.T. -0.017 min
 Lab File: BM049747.D
 Acq: 24 Mar 2025 12:21

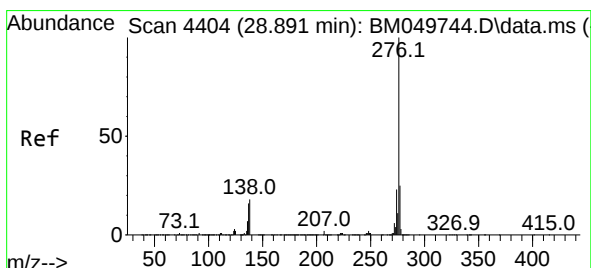
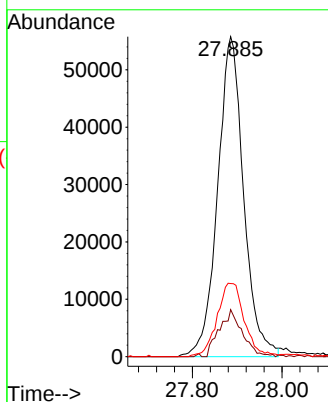
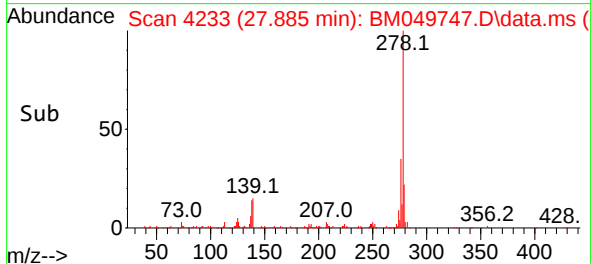
Instrument :
 BNA_M
 ClientSampleId :
 MDL-MED-SOIL-QT1-2025-02



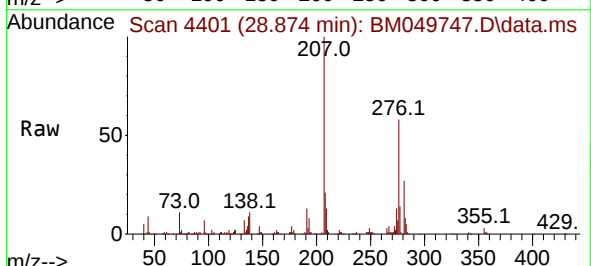
Tgt Ion:278 Resp: 224700
 Ion Ratio Lower Upper
 278 100
 139 14.7 10.5 15.7
 279 22.8 18.7 28.1

Manual Integrations
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Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025



#96
 Benzo(g,h,i)perylene
 Concen: 4.397 ng/ul
 RT: 28.874 min Scan# 4401
 Delta R.T. -0.029 min
 Lab File: BM049747.D
 Acq: 24 Mar 2025 12:21



Tgt Ion:276 Resp: 222610
 Ion Ratio Lower Upper
 276 100
 138 19.5 14.0 21.0
 277 24.6 18.3 27.5

