

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032425\
 Data File : BM049746.D
 Acq On : 24 Mar 2025 11:41
 Operator : RC/JU
 Sample : Q1546-04
 Misc : MDL-SOIL 4 ppm
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Mar 24 13:58:46 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	242391	20.000	ng/u1	0.00
20) Naphthalene-d8	10.598	136	836766	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	529694	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1041612	20.000	ng/u1	0.00
79) Chrysene-d12	21.421	240	906894	20.000	ng/u1	0.00
88) Perylene-d12	24.432	264	900416	20.000	ng/u1	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	26601	4.264	ng/uL	0.00
4) Pyridine-d5	3.663	84	433834	23.793	ng/u1	0.00
7) Phenol-d5	6.975	99	459581	25.240	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	315484	26.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.339	132	370477	26.678	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	320161	23.887	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	164212	26.632	ng/u1	0.00
24) 2-Nitrophenol-d4	9.680	143	167260	26.799	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	355064	25.110	ng/u1	0.00
31) 4-Chloroaniline-d4	10.733	131	445335	24.897	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1010943	27.224	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1217975	27.033	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	140188	22.168	ng/u1	0.00
60) Fluorene-d10	15.433	176	919910	27.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	111219	18.704	ng/u1	0.00
73) Anthracene-d10	17.280	188	1326909	25.442	ng/u1	0.00
81) Pyrene-d10	19.574	212	1537695	29.738	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.227	264	1347248	28.259	ng/u1	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.287	88	9372	1.433	ng/uL	96
5) Pyridine	3.687	79	82177	4.494	ng/u1#	78
6) Benzaldehyde	6.945	77	51774	5.144	ng/u1	97
8) Phenol	6.998	94	85362	4.499	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.228	93	70149	4.547	ng/u1	94
12) 2-Chlorophenol	7.369	128	67932	4.628	ng/u1	97
13) 2-Methylphenol	8.251	108	49602	3.758	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.328	45	91646	4.823	ng/u1	100
16) Acetophenone	8.622	105	100952	4.510	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.610	70	47095	4.374	ng/u1	98
18) 4-Methylphenol	8.575	108	58694	4.107	ng/u1	96
19) Hexachloroethane	8.886	117	31061	4.704	ng/u1	97
22) Nitrobenzene	8.998	77	76203	4.733	ng/u1	99
23) Isophorone	9.528	82	115389	4.204	ng/u1	99
25) 2-Nitrophenol	9.710	139	32156	4.495	ng/u1	96
26) 2,4-Dimethylphenol	9.775	107	27710	2.070	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.010	93	82121	4.564	ng/u1	99
29) 2,4-Dichlorophenol	10.245	162	64265	4.488	ng/u1	95
30) Naphthalene	10.651	128	199321	4.592	ng/u1	99
32) 4-Chloroaniline	10.751	127	76801	4.444	ng/u1	98
33) Hexachlorobutadiene	10.939	225	50854	4.560	ng/u1	98
34) Caprolactam	11.527	113	14222m	3.977	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	43129	3.787	ng/u1	98
36) 2-Methylnaphthalene	12.263	142	132367	4.394	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	123315	4.150	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.633	216	89315	4.397	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	43350	3.611	ng/ul	94
41) 2,4,6-Trichlorophenol	12.874	196	38630	3.599	ng/ul	95
42) 2,4,5-Trichlorophenol	12.945	196	44994	3.880	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	181242	4.517	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	149326	4.591	ng/ul	99
45) 2-Nitroaniline	13.515	65	26512	3.818	ng/ul	92
47) Dimethylphthalate	13.898	163	171463	4.655	ng/ul	98
48) 2,6-Dinitrotoluene	14.010	165	23860	3.715	ng/ul#	91
50) Acenaphthylene	14.163	152	212192	4.611	ng/ul	99
51) 3-Nitroaniline	14.339	138	21143	3.185	ng/ul#	98
52) Acenaphthene	14.504	153	145865	4.367	ng/ul	98
53) 2,4-Dinitrophenol	14.545	184	13681	3.602	ng/ul	97
55) 4-Nitrophenol	14.651	109	20750	4.133	ng/ul	95
56) Dibenzofuran	14.839	168	220410	4.688	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	35510	3.786	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.068	232	32190	3.610	ng/ul	95
59) Diethylphthalate	15.262	149	150040	4.373	ng/ul	97
61) Fluorene	15.492	166	172583	4.356	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.486	204	92027	4.260	ng/ul	95
63) 4-Nitroaniline	15.498	138	20424	3.269	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.557	198	27343	4.077	ng/ul#	83
67) N-Nitrosodiphenylamine	15.698	169	131794	4.208	ng/ul	98
68) 4-Bromophenyl-phenylether	16.380	248	49402	4.110	ng/ul	95
69) Hexachlorobenzene	16.492	284	60593	4.372	ng/ul	99
70) Atrazine	16.651	200	47361	4.116	ng/ul	98
71) Pentachlorophenol	16.839	266	28487	3.378	ng/ul	99
72) Phenanthrene	17.227	178	262058	4.412	ng/ul	99
74) Anthracene	17.315	178	250292	4.200	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	81024	4.124	ng/uL	98
76) Pentachlorobenzene	14.762	250	76147	4.107	ng/uL	96
77) Carbazole	17.586	167	203080	3.831	ng/ul	99
78) Di-n-butylphthalate	18.156	149	204980	3.745	ng/ul	98
80) Fluoranthene	19.239	202	270901	4.549	ng/ul	99
82) Pyrene	19.603	202	304740	4.722	ng/ul	99
83) Butylbenzylphthalate	20.509	149	69378	3.724	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.327	252	49830	2.718	ng/ul#	96
85) Benzo(a)anthracene	21.403	228	277815	4.455	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	100486	3.428	ng/ul	99
87) Chrysene	21.468	228	255501	4.398	ng/ul	100
89) Di-n-octyl phthalate	22.480	149	139920	2.748	ng/ul	100
90) Benzo(b)fluoranthene	23.480	252	247604	4.232	ng/ul	99
91) Benzo(k)fluoranthene	23.544	252	247391	4.100	ng/ul	99
93) Benzo(a)pyrene	24.291	252	222757	4.109	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.820	276	283967	4.195	ng/ul	98
95) Dibenzo(a,h)anthracene	27.885	278	229908	4.175	ng/ul	95
96) Benzo(g,h,i)perylene	28.873	276	227118	4.371	ng/ul	98

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

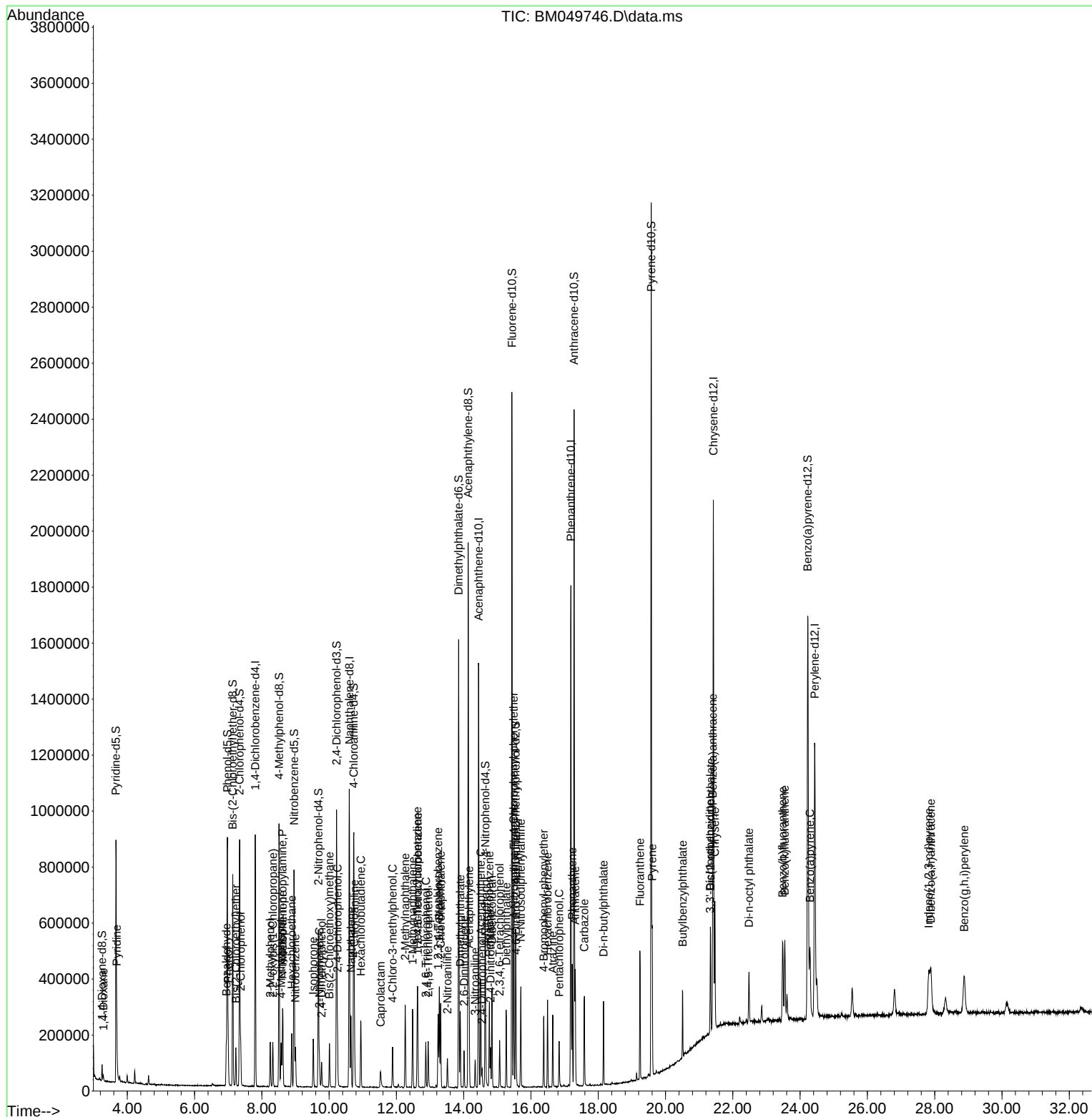
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 ALS Vial : 4 Sample Multiplier: 1

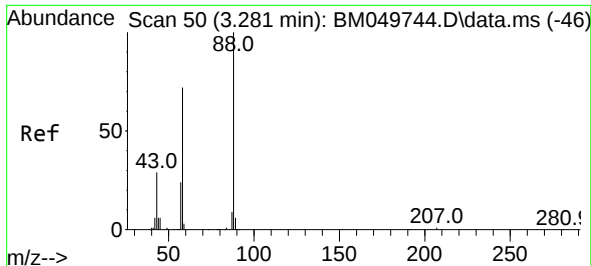
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Quant Time: Mar 24 13:58:46 2025
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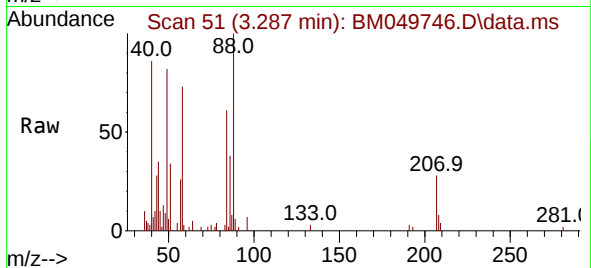
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025





#2
1,4-Dioxane
Concen: 1.433 ng/uL
RT: 3.287 min Scan# 51
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

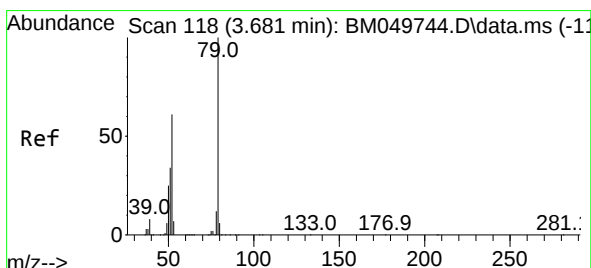
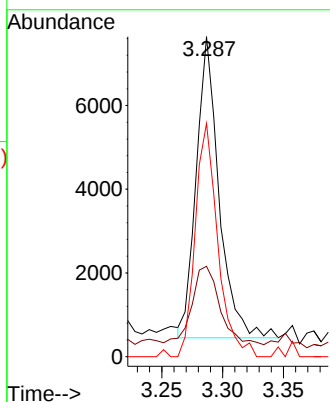
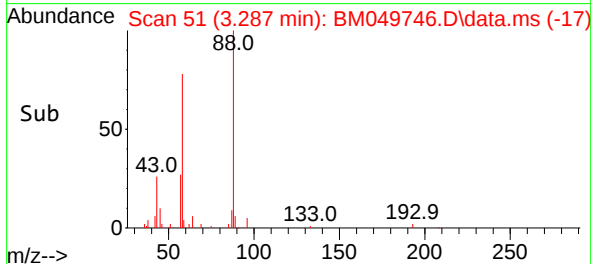
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ClientSampleId :
MDL-SOIL-QT1-2025-02



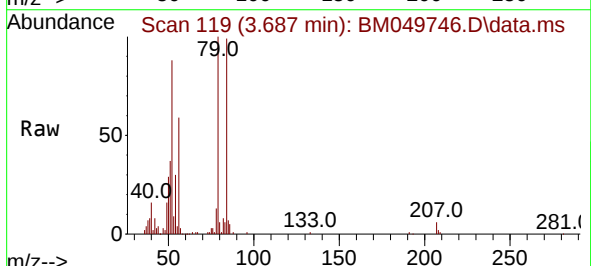
Tgt Ion: 88 Resp: 9372
Ion Ratio Lower Upper
88 100
43 28.2 22.5 33.7
58 72.9 54.6 82.0

Manual Integrations
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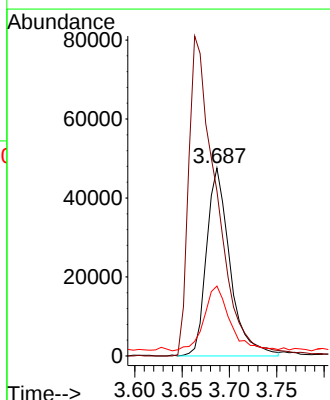
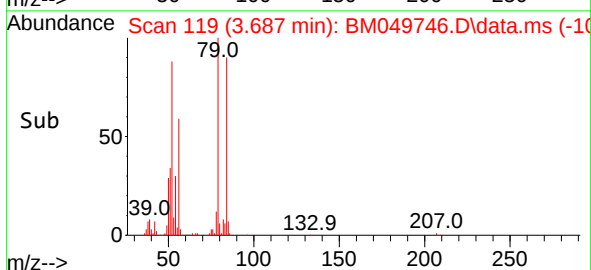
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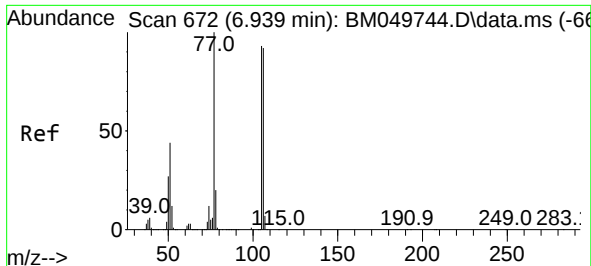


#5
Pyridine
Concen: 4.494 ng/uL
RT: 3.687 min Scan# 119
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



Tgt Ion: 79 Resp: 82177
Ion Ratio Lower Upper
79 100
52 87.9 51.8 77.6#
51 37.2 26.3 39.5





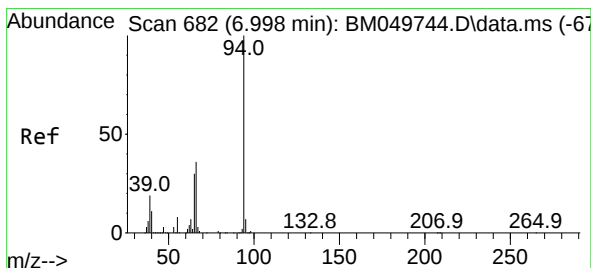
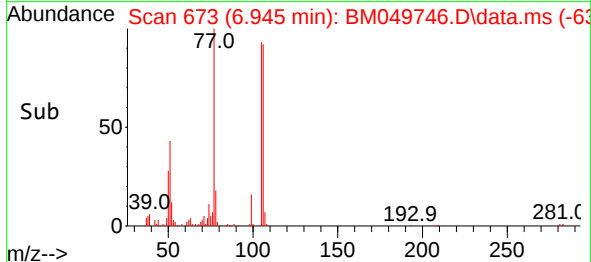
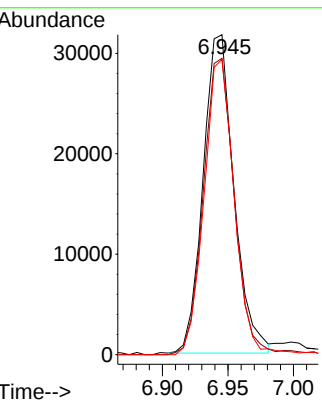
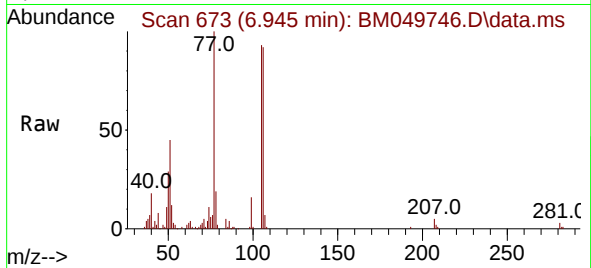
#6
Benzaldehyde
Concen: 5.144 ng/ul
RT: 6.945 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 51774
Ion Ratio Lower Upper
77 100
105 92.6 76.2 114.2
106 92.3 76.5 114.7

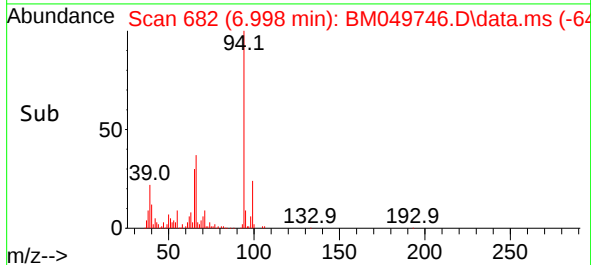
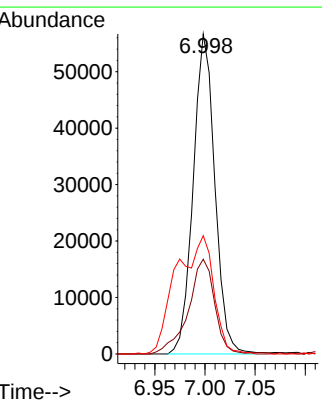
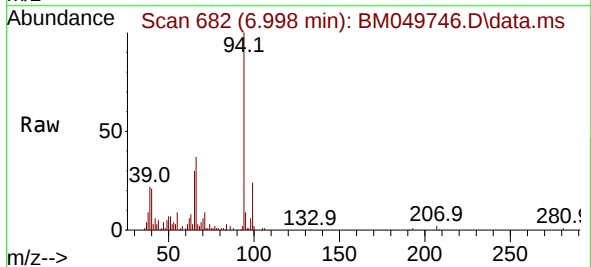
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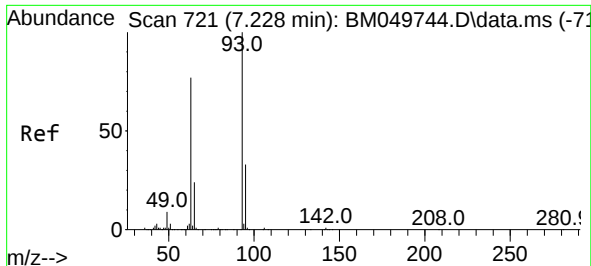
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#8
Phenol
Concen: 4.499 ng/ul
RT: 6.998 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

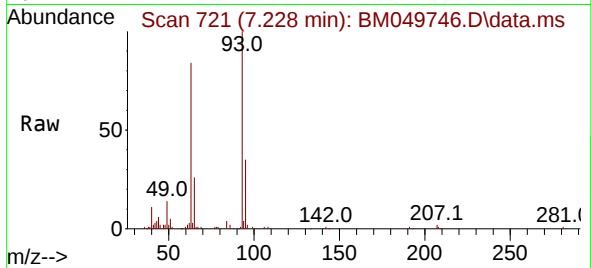
Tgt Ion: 94 Resp: 85362
Ion Ratio Lower Upper
94 100
65 29.6 23.3 34.9
66 37.0 28.6 43.0





#10
Bis(2-Chloroethyl)ether
Concen: 4.547 ng/ul
RT: 7.228 min Scan# 701
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

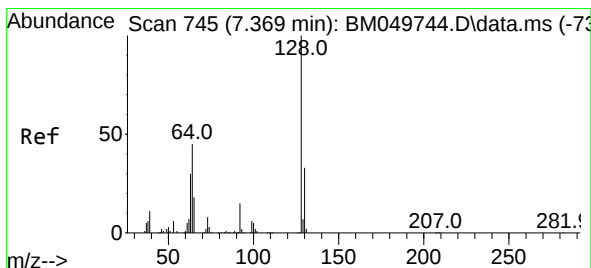
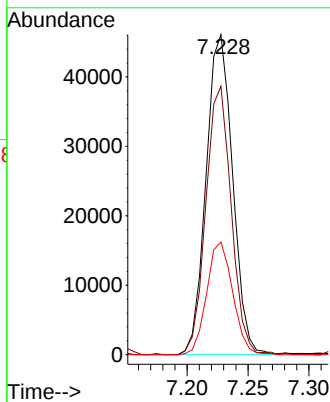
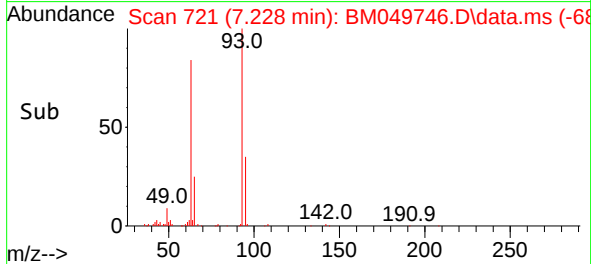
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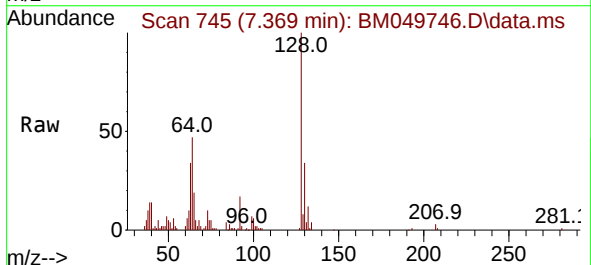
Tgt Ion: 93 Resp: 70149
Ion Ratio Lower Upper
93 100
63 83.9 62.0 93.0
95 35.2 26.5 39.7

Manual Integrations
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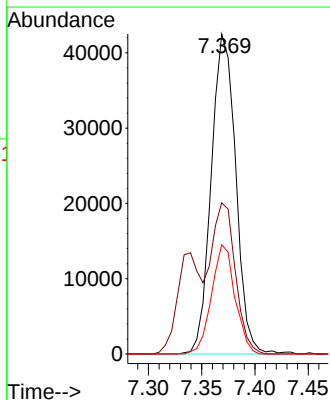
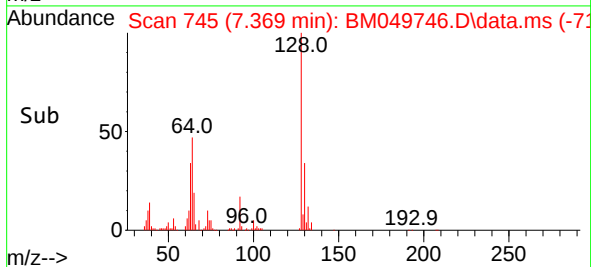
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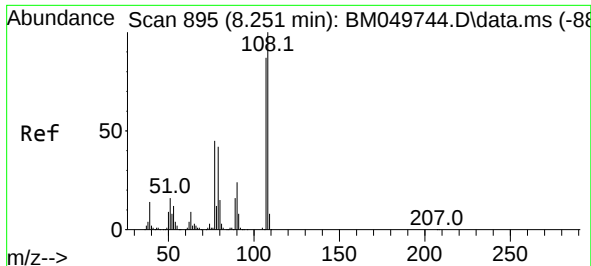


#12
2-Chlorophenol
Concen: 4.628 ng/ul
RT: 7.369 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



Tgt Ion:128 Resp: 67932
Ion Ratio Lower Upper
128 100
64 47.2 36.9 55.3
130 34.2 25.5 38.3





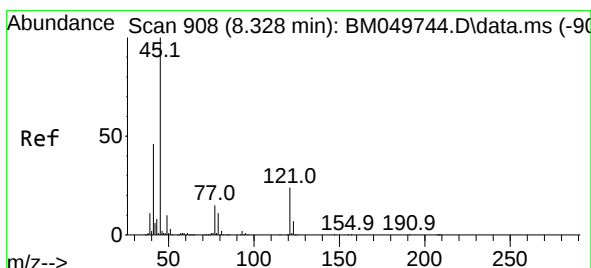
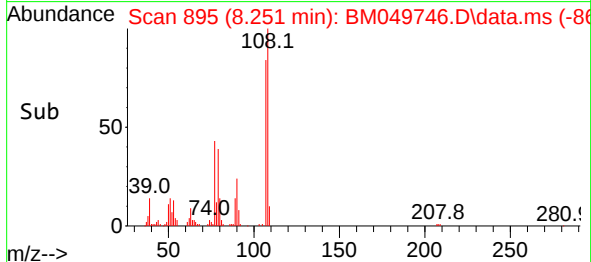
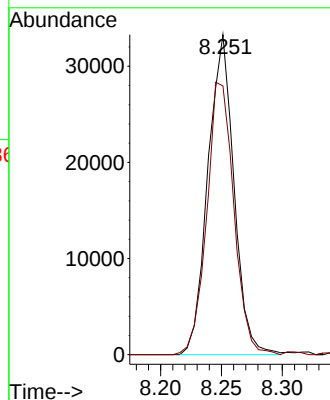
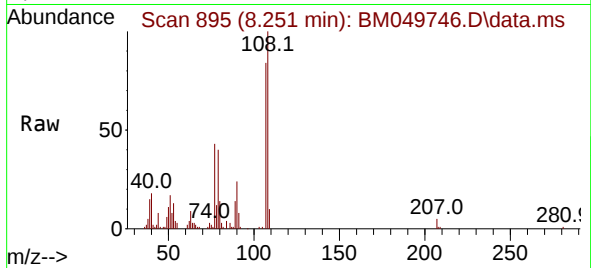
#13
2-Methylphenol
Concen: 3.758 ng/ul
RT: 8.251 min Scan# 895
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Instrument :
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Tgt Ion:108 Resp: 49602
Ion Ratio Lower Upper
108 100
107 84.0 69.0 103.4

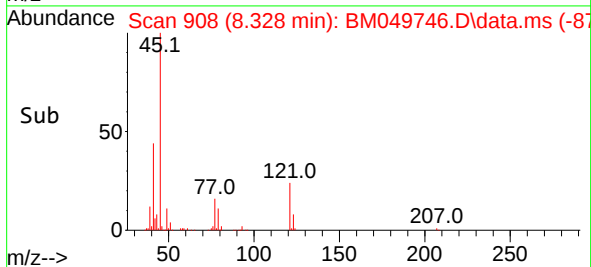
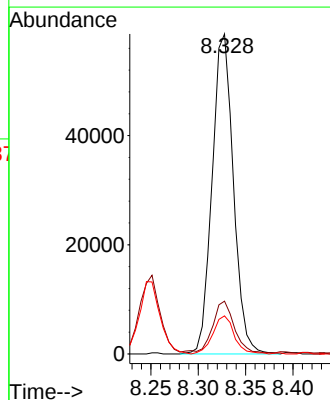
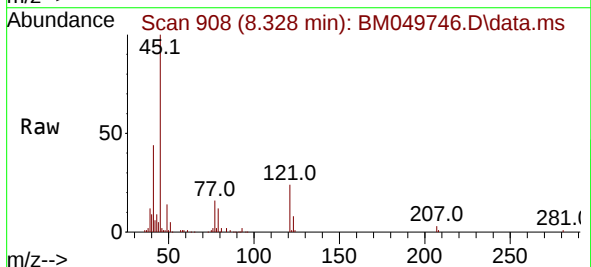
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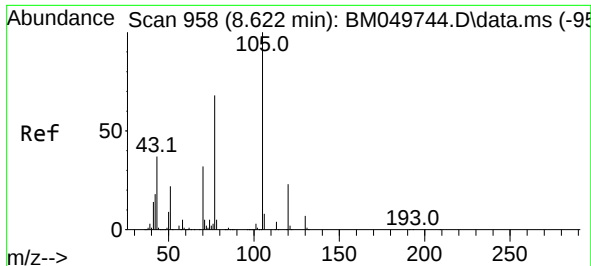
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Supervised By :Jagrut Upadhyay 03/25/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 4.823 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
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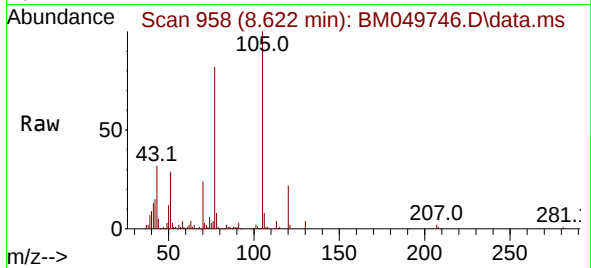
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Ion Ratio Lower Upper
45 100
77 16.5 13.1 19.7
79 11.9 9.4 14.0





#16
Acetophenone
Concen: 4.510 ng/ul
RT: 8.622 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

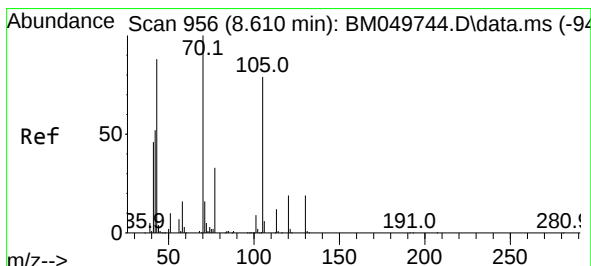
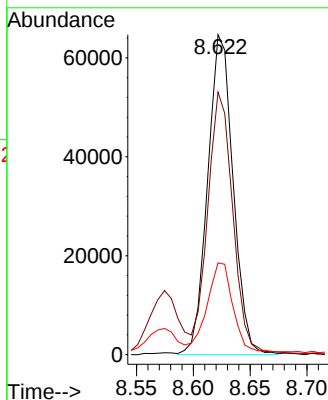
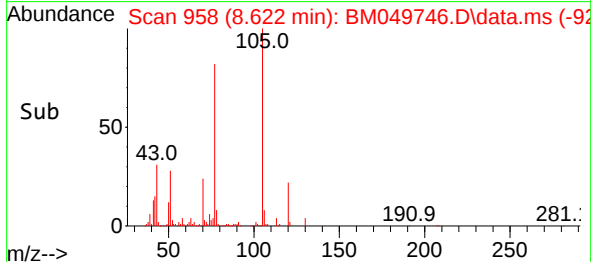
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion: 105 Resp: 100952
Ion Ratio Lower Upper
105 100
77 82.1 64.5 96.7
51 28.7 20.3 30.5

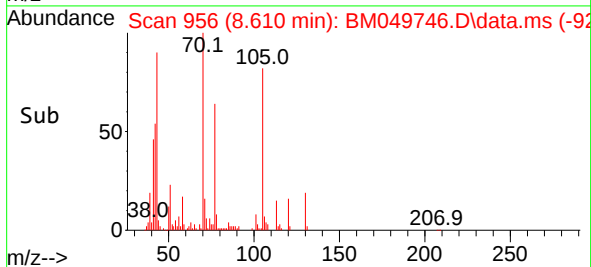
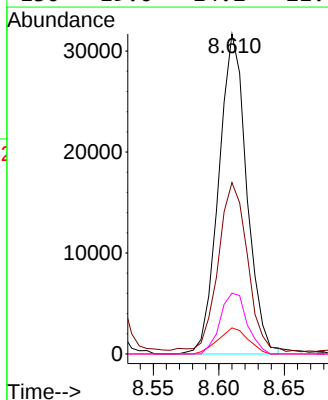
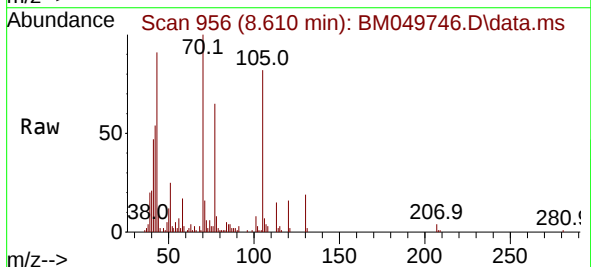
Manual Integrations
APPROVED

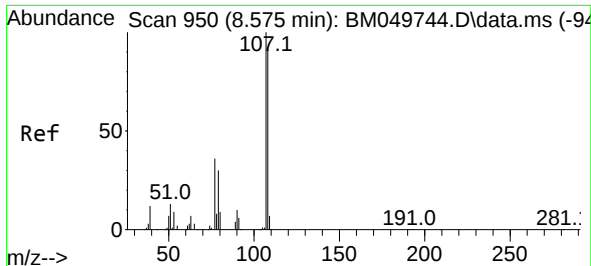
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#17
N-Nitroso-di-n-propylamine
Concen: 4.374 ng/ul
RT: 8.610 min Scan# 956
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

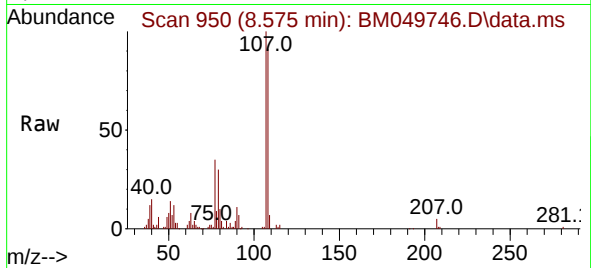
Tgt Ion: 70 Resp: 47095
Ion Ratio Lower Upper
70 100
42 53.5 43.6 65.4
101 8.1 6.9 10.3
130 19.0 14.2 21.4





#18
4-Methylphenol
Concen: 4.107 ng/ul
RT: 8.575 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

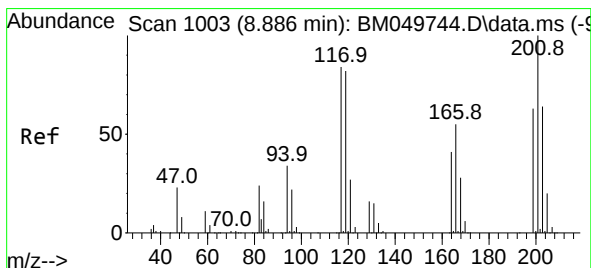
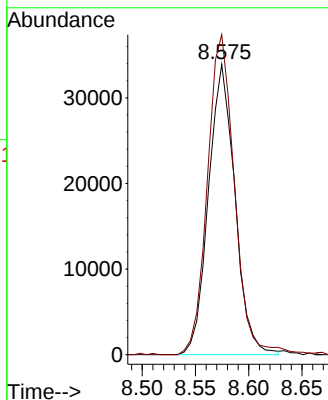
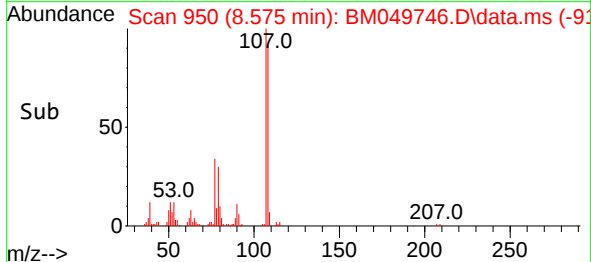
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



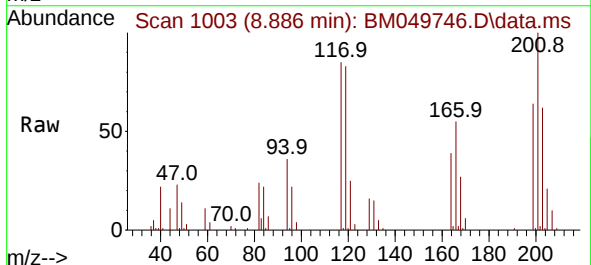
Tgt Ion:108 Resp: 58694
Ion Ratio Lower Upper
108 100
107 110.2 91.9 137.9

Manual Integrations
APPROVED

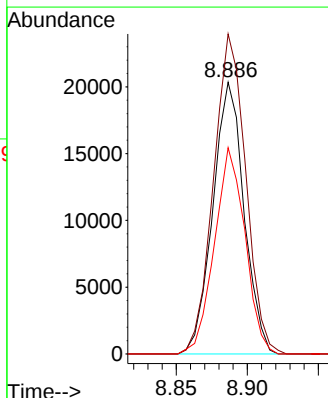
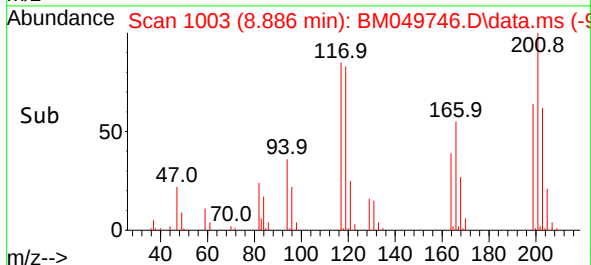
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

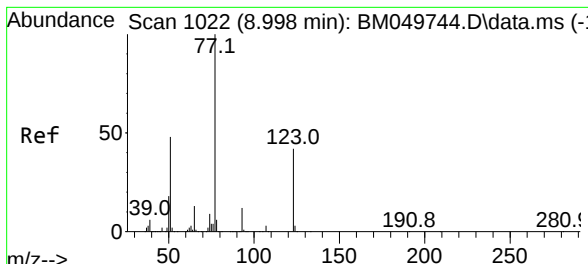


#19
Hexachloroethane
Concen: 4.704 ng/ul
RT: 8.886 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



Tgt Ion:117 Resp: 31061
Ion Ratio Lower Upper
117 100
201 117.8 92.8 139.2
199 75.9 57.8 86.8





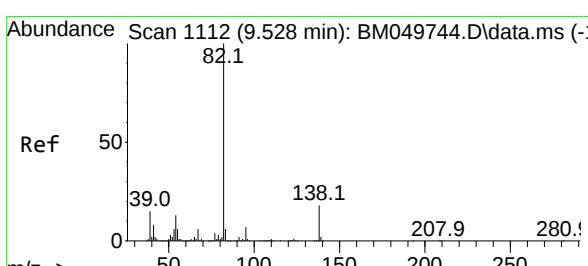
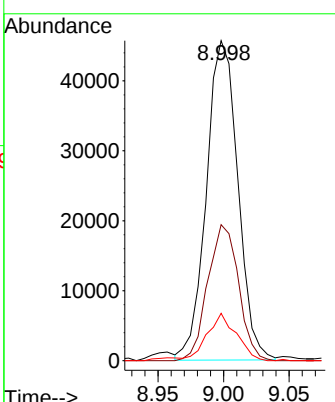
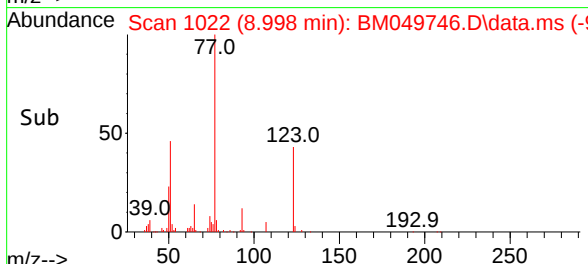
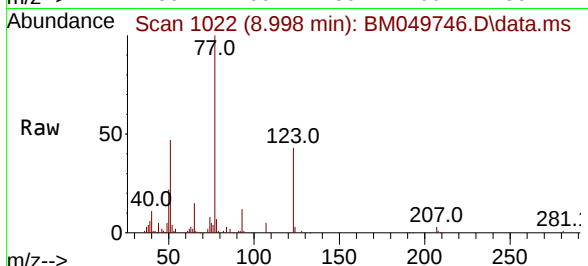
#22
 Nitrobenzene
 Concen: 4.733 ng/ul
 RT: 8.998 min Scan# 1022
 Delta R.T. -0.006 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

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

Tgt Ion: 77	Resp: 7620
Ion Ratio	Lower Upper
77 100	
123 42.5	34.3 51.5
65 14.8	10.5 15.7

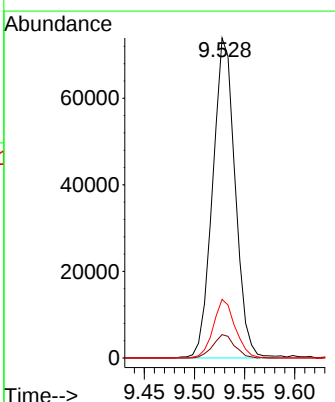
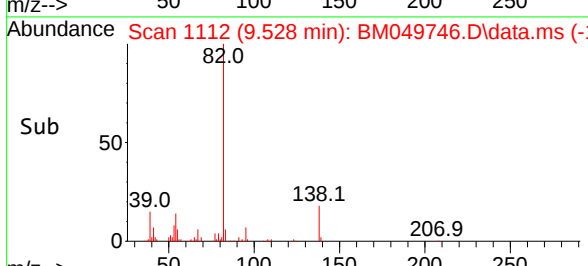
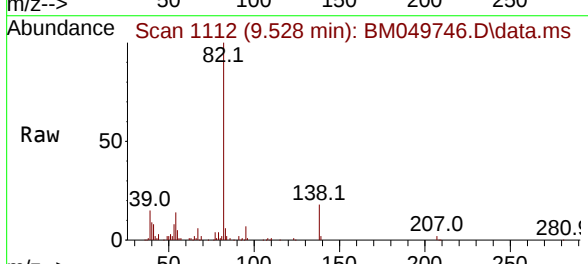
Manual Integrations
 APPROVED

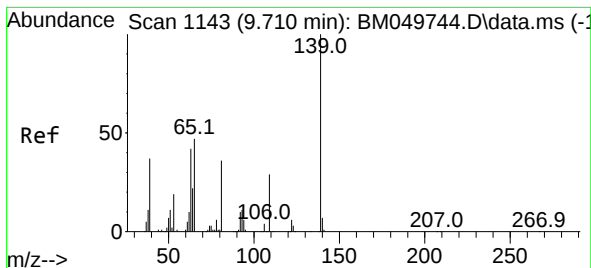
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025



#23
 Isophorone
 Concen: 4.204 ng/ul
 RT: 9.528 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

Tgt Ion: 82	Resp: 115389
Ion Ratio	Lower Upper
82 100	
95 7.3	5.4 8.0
138 18.3	14.6 21.8





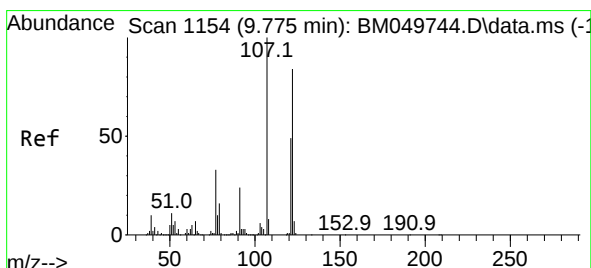
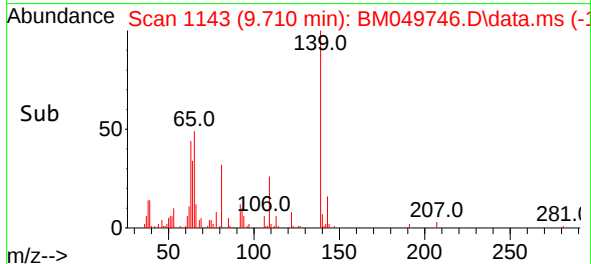
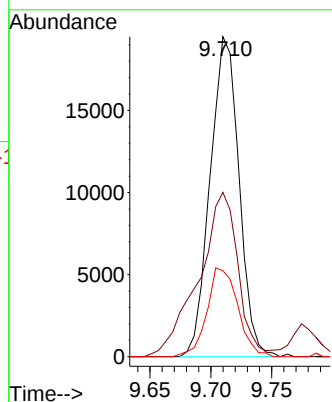
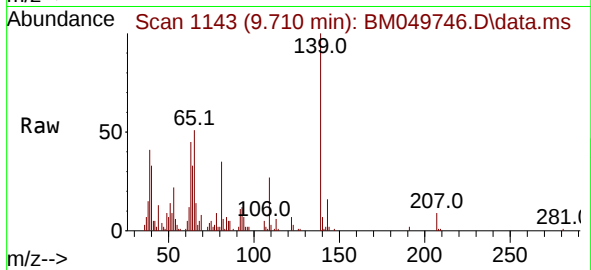
#25
2-Nitrophenol
Concen: 4.495 ng/ul
RT: 9.710 min Scan# 1143
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

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

Tgt Ion:139 Resp: 32150
Ion Ratio Lower Upper
139 100
65 51.3 39.1 58.7
109 26.8 23.1 34.7

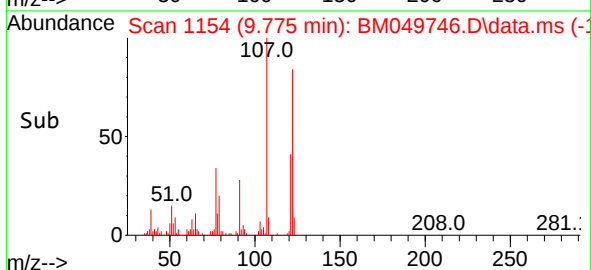
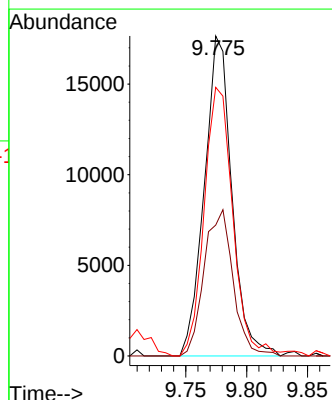
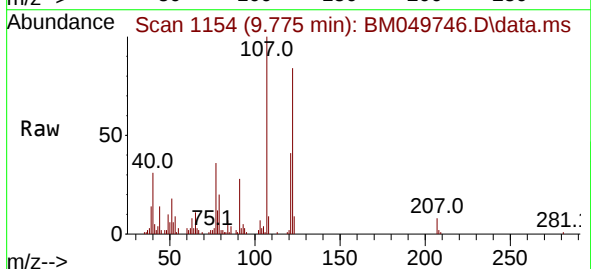
Manual Integrations
APPROVED

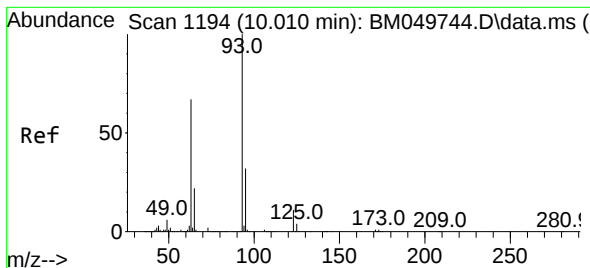
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#26
2,4-Dimethylphenol
Concen: 2.070 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

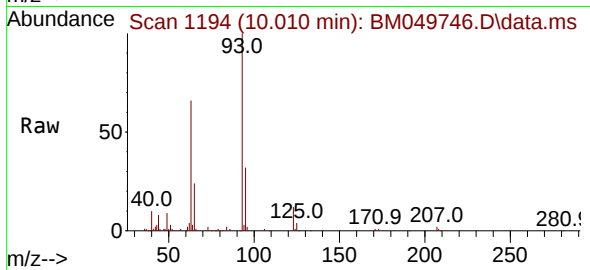
Tgt Ion:107 Resp: 27710
Ion Ratio Lower Upper
107 100
121 40.9 37.9 56.9
122 83.9 66.5 99.7





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.564 ng/ul
 RT: 10.010 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

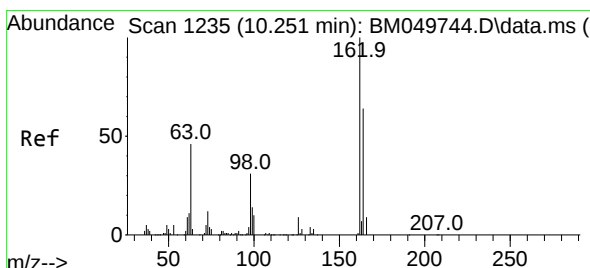
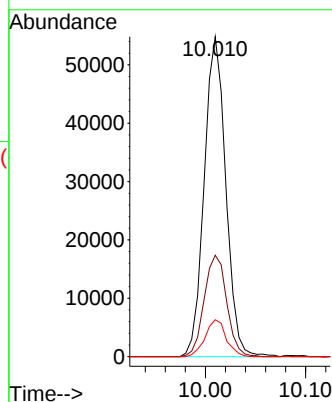
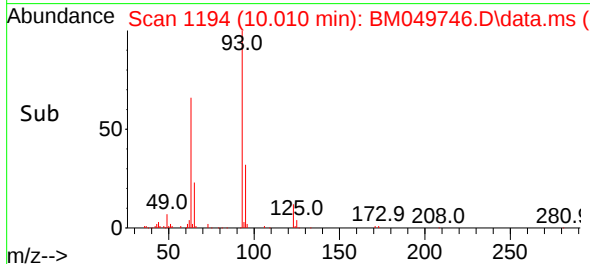
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2025-02



Tgt Ion: 93 Resp: 8212
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.8 38.8
 123 11.6 8.8 13.2

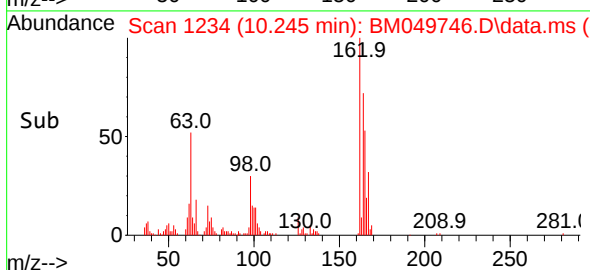
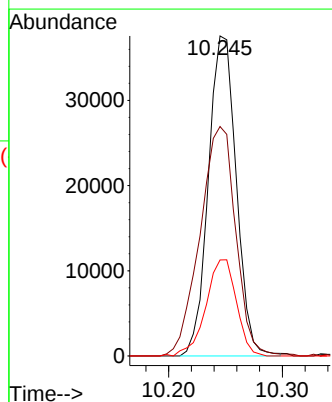
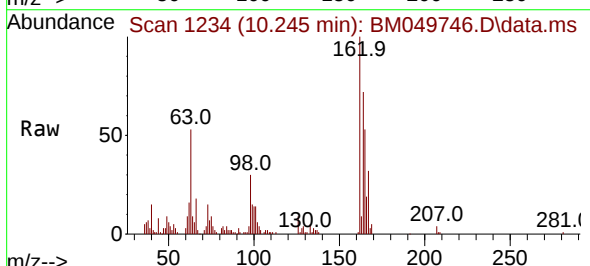
Manual Integrations
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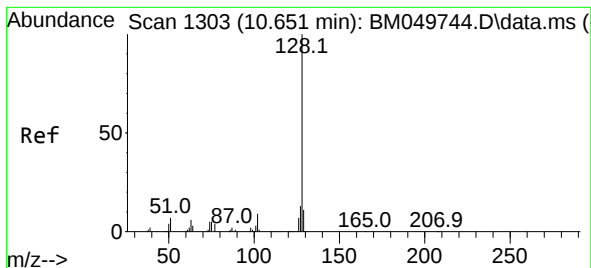
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025



#29
 2,4-Dichlorophenol
 Concen: 4.488 ng/ul
 RT: 10.245 min Scan# 1234
 Delta R.T. -0.006 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

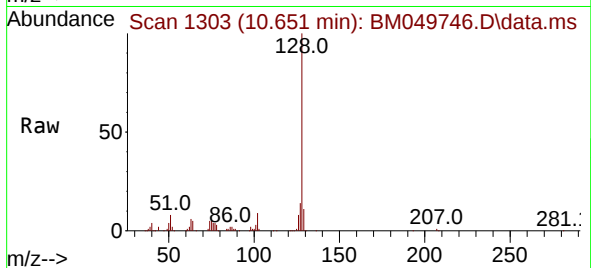
Tgt Ion:162 Resp: 64265
 Ion Ratio Lower Upper
 162 100
 164 71.7 53.2 79.8
 98 30.0 25.0 37.6





#30
Naphthalene
Concen: 4.592 ng/ul
RT: 10.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

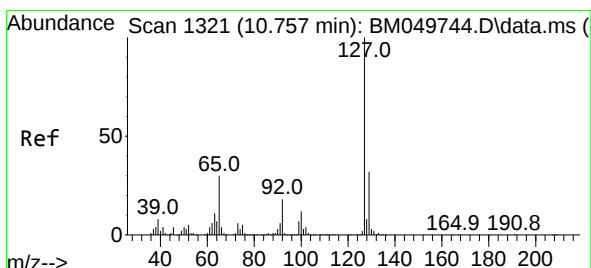
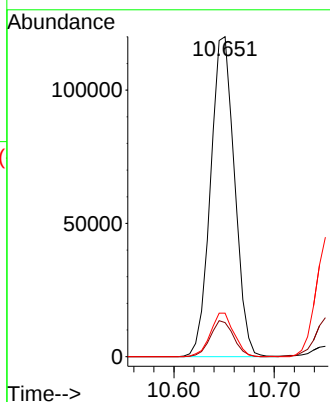
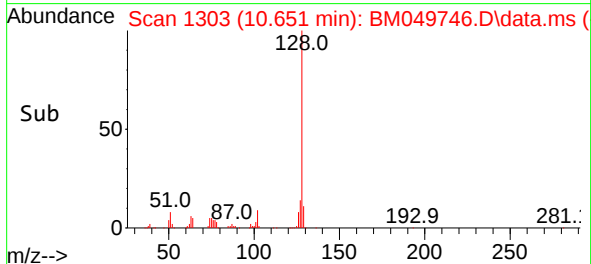
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



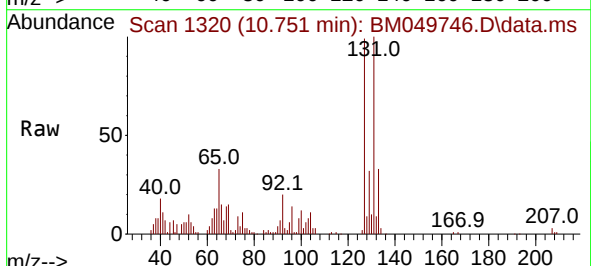
Tgt Ion:128 Resp: 19932
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.6 10.2 15.4

Manual Integrations
APPROVED

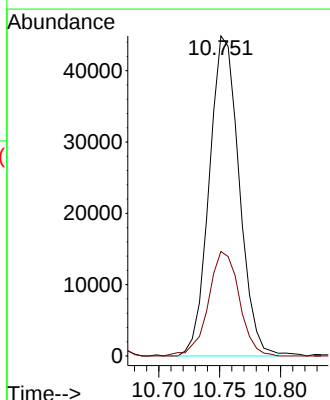
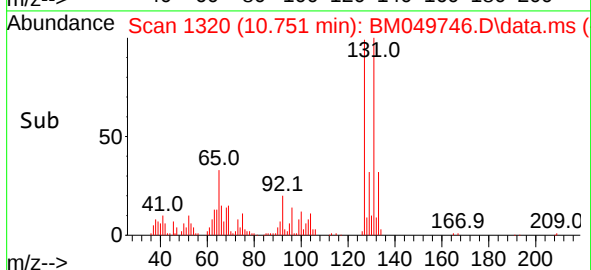
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

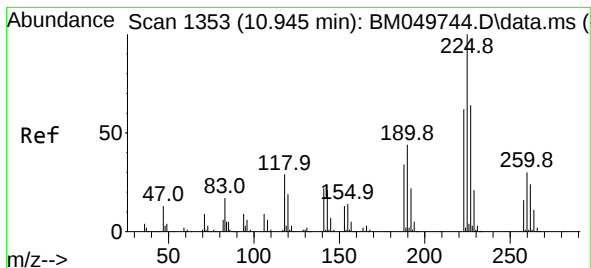


#32
4-Chloroaniline
Concen: 4.444 ng/ul
RT: 10.751 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



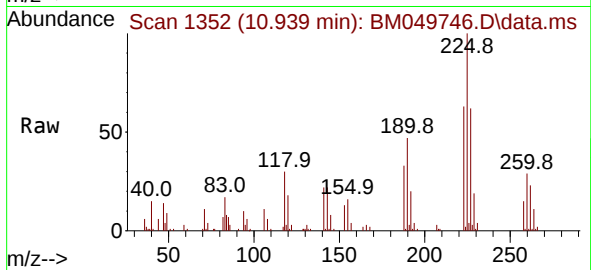
Tgt Ion:127 Resp: 76801
Ion Ratio Lower Upper
127 100
129 32.7 25.4 38.0





#33
Hexachlorobutadiene
Concen: 4.560 ng/ul
RT: 10.939 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

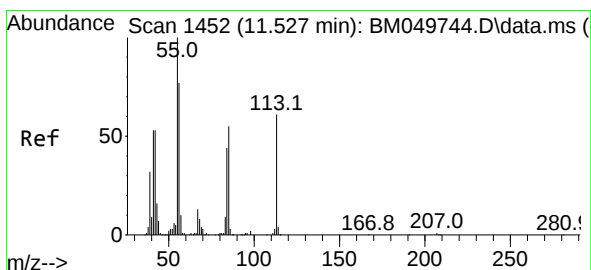
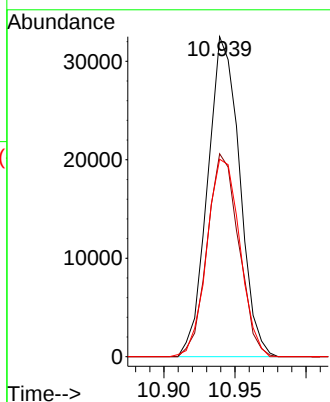
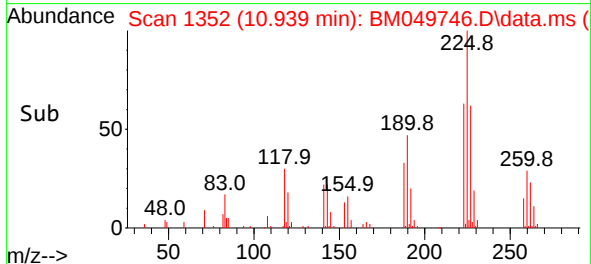
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



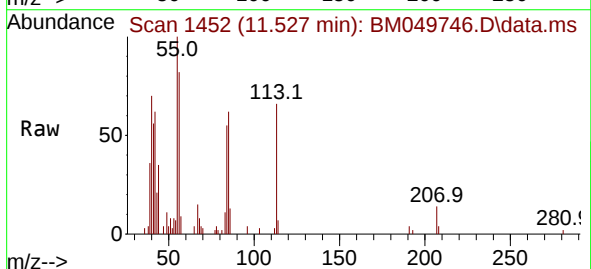
Tgt Ion:225 Resp: 50854
Ion Ratio Lower Upper
225 100
223 63.4 50.3 75.5
227 61.7 51.4 77.2

Manual Integrations
APPROVED

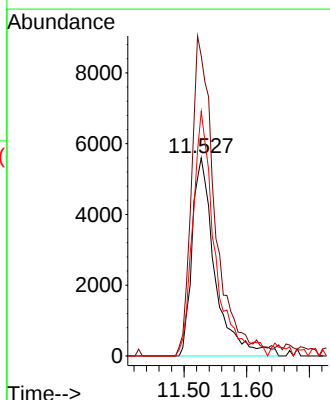
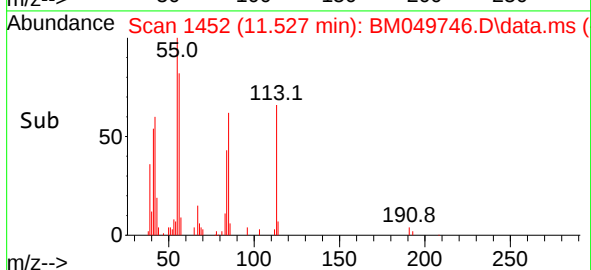
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

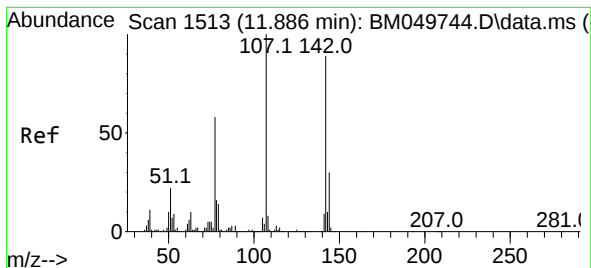


#34
Caprolactam
Concen: 3.977 ng/ul m
RT: 11.527 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



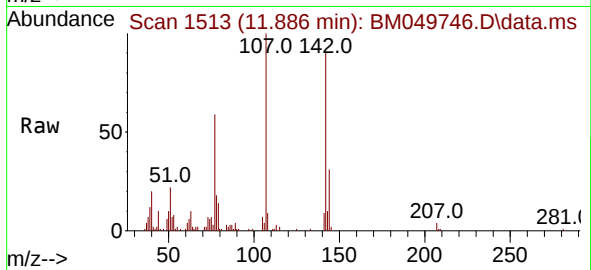
Tgt Ion:113 Resp: 14222
Ion Ratio Lower Upper
113 100
55 151.5 136.1 204.1
56 123.5 96.6 145.0





#35
4-Chloro-3-methylphenol
Concen: 3.787 ng/ul
RT: 11.886 min Scan# 1513
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

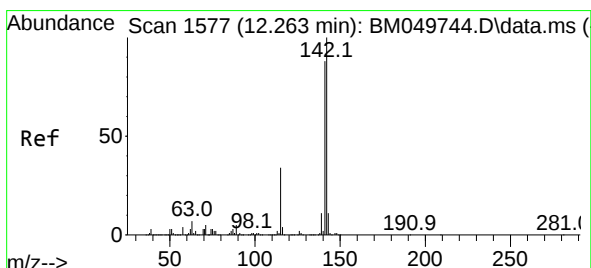
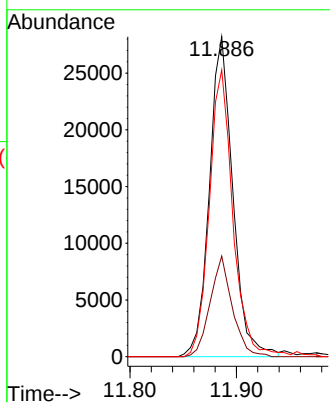
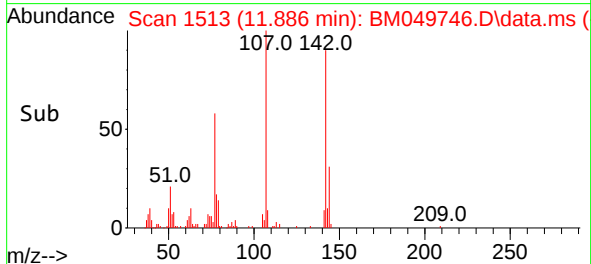
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:107 Resp: 43129
Ion Ratio Lower Upper
107 100
144 31.5 23.3 34.9
142 89.6 71.0 106.4

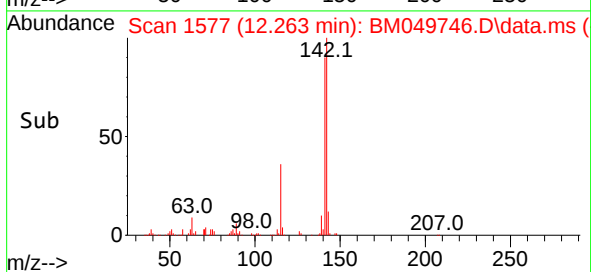
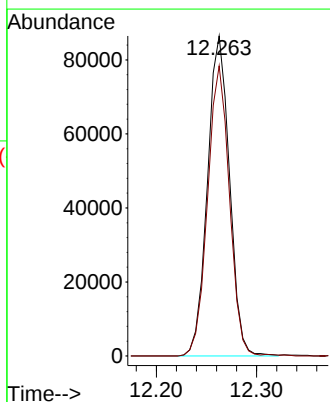
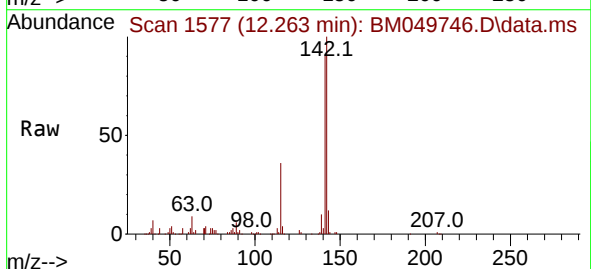
Manual Integrations
APPROVED

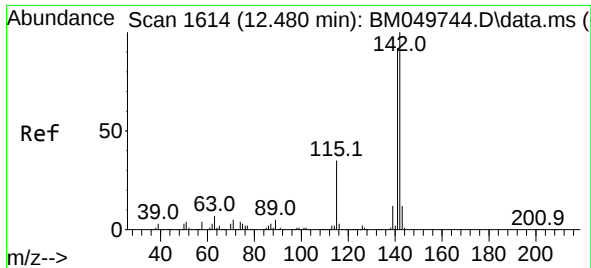
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#36
2-Methylnaphthalene
Concen: 4.394 ng/ul
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

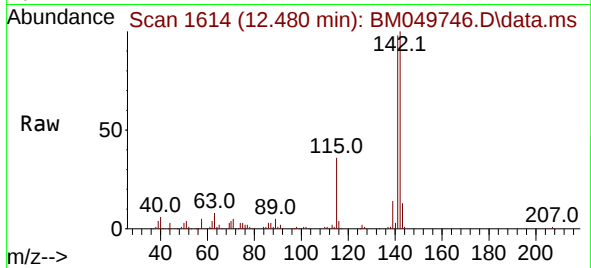
Tgt Ion:142 Resp: 132367
Ion Ratio Lower Upper
142 100
141 90.6 70.2 105.2





#37
1-Methylnaphthalene
Concen: 4.150 ng/ul
RT: 12.480 min Scan# 1614
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

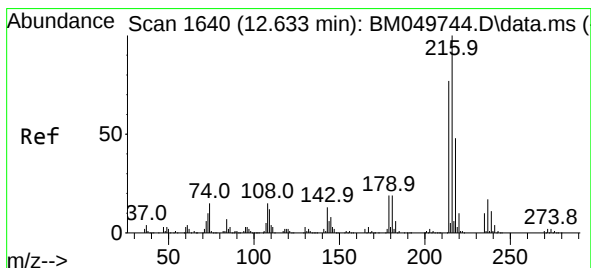
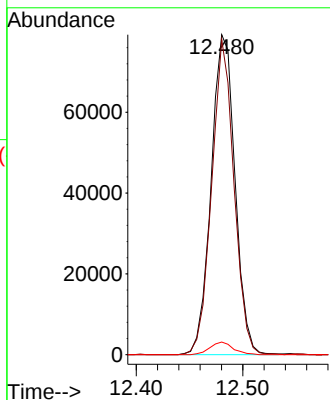
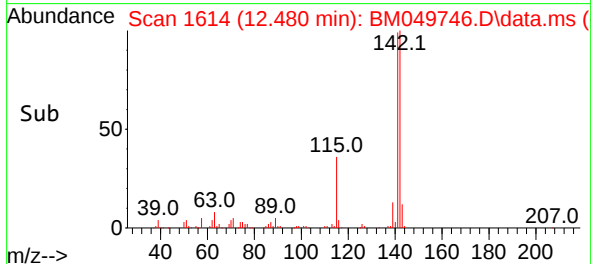
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



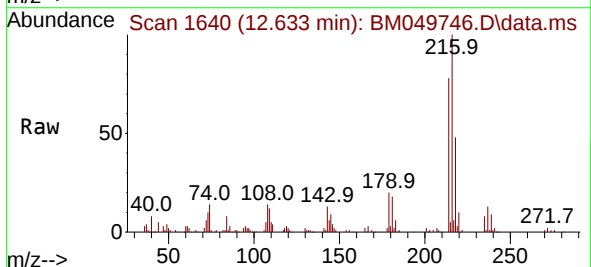
Tgt Ion:142 Resp: 123315
Ion Ratio Lower Upper
142 100
141 98.5 74.0 111.0
116 4.0 2.7 4.1

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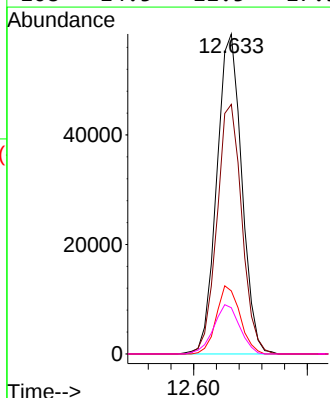
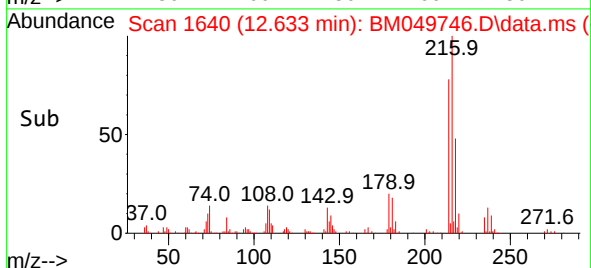
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

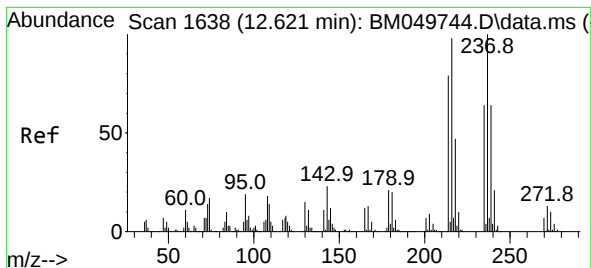


#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.397 ng/ul
RT: 12.633 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



Tgt Ion:216 Resp: 89315
Ion Ratio Lower Upper
216 100
214 78.0 61.8 92.8
179 19.7 15.8 23.8
108 14.5 11.5 17.3





#40

Hexachlorocyclopentadiene

Concen: 3.611 ng/ul

RT: 12.621 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2025-02

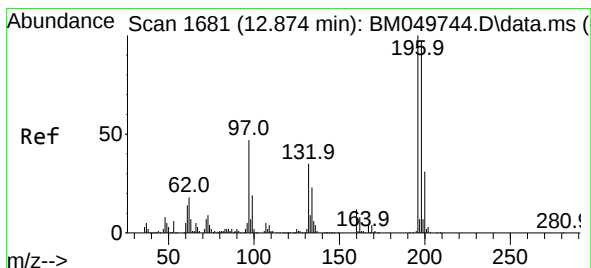
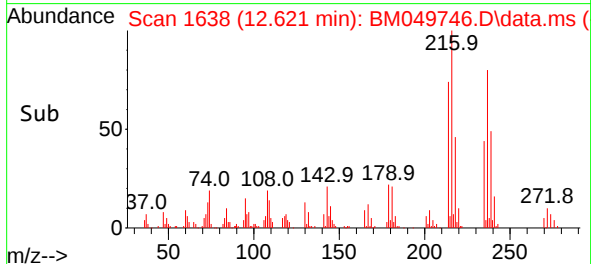
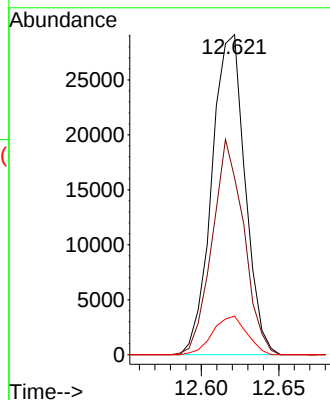
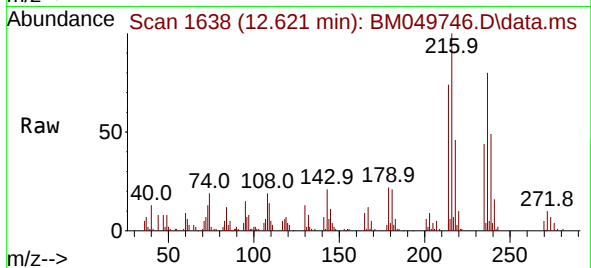
Tgt Ion:237 Resp: 43350
 Ion Ratio Lower Upper
 237 100
 235 55.3 48.2 72.4
 272 12.1 10.0 15.0

Manual Integrations

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Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#41

2,4,6-Trichlorophenol

Concen: 3.599 ng/ul

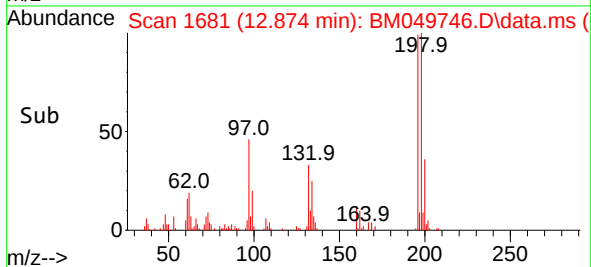
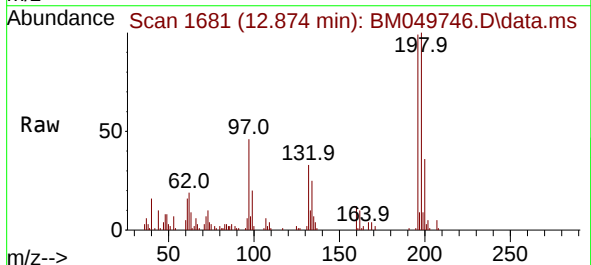
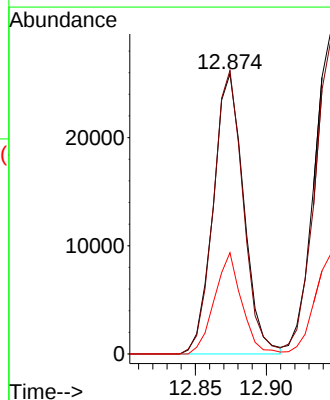
RT: 12.874 min Scan# 1681

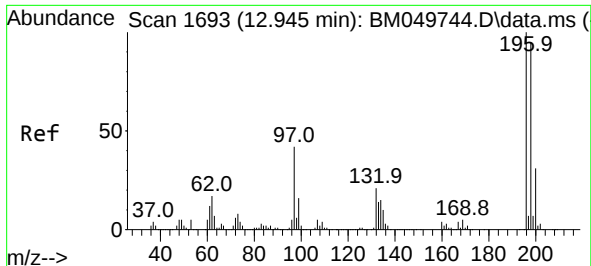
Delta R.T. -0.000 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

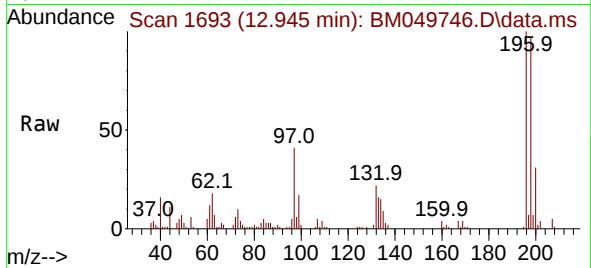
Tgt Ion:196 Resp: 38630
 Ion Ratio Lower Upper
 196 100
 198 101.3 78.5 117.7
 200 36.2 24.3 36.5





#42
2,4,5-Trichlorophenol
Concen: 3.880 ng/ul
RT: 12.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

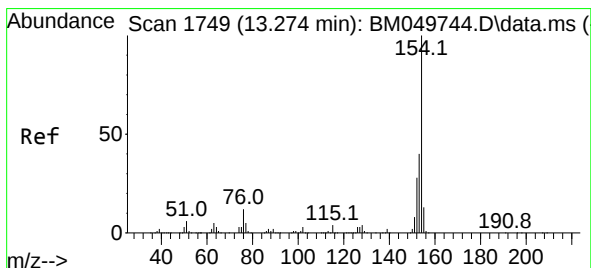
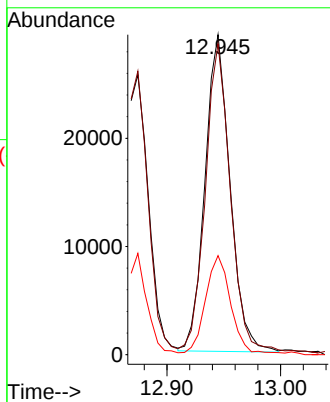
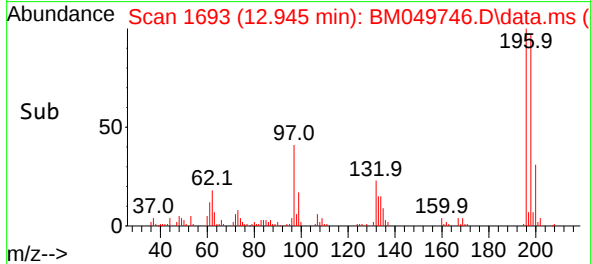
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



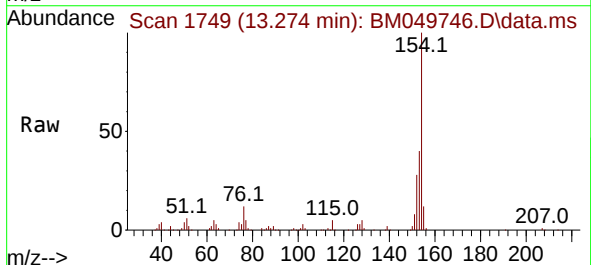
Tgt Ion:196 Resp: 44994
Ion Ratio Lower Upper
196 100
198 97.2 77.0 115.4
200 31.0 25.2 37.8

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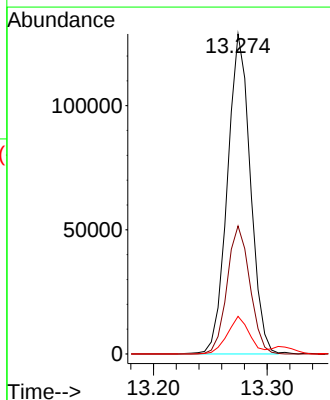
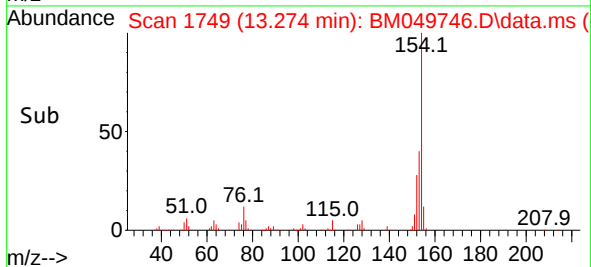
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

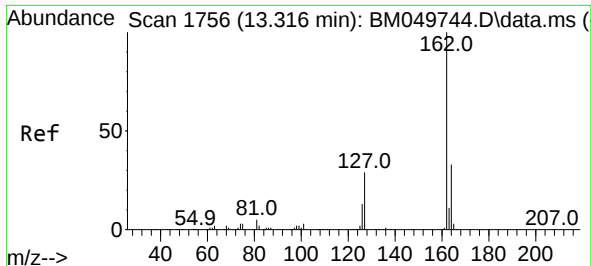


#43
1,1'-Biphenyl
Concen: 4.517 ng/ul
RT: 13.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



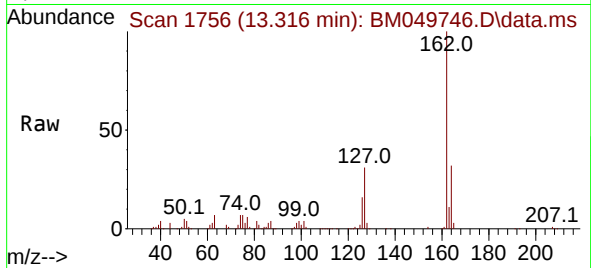
Tgt Ion:154 Resp: 181242
Ion Ratio Lower Upper
154 100
153 40.0 31.4 47.2
76 11.7 9.0 13.4





#44
2-Chloronaphthalene
Concen: 4.591 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

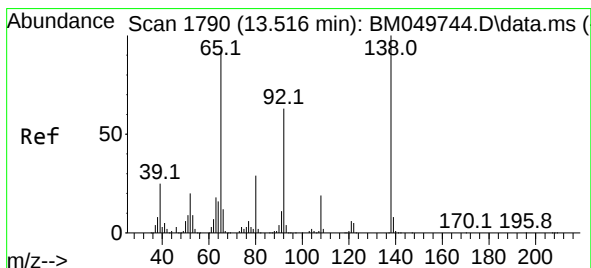
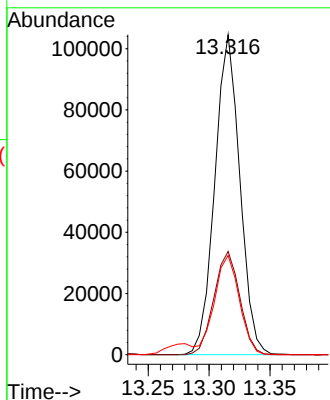
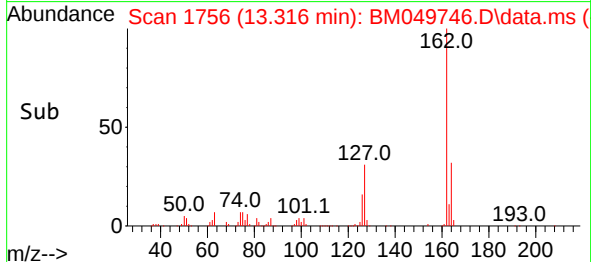
Instrument : BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:162 Resp: 149320
Ion Ratio Lower Upper
162 100
164 32.3 25.5 38.3
127 31.0 25.6 38.4

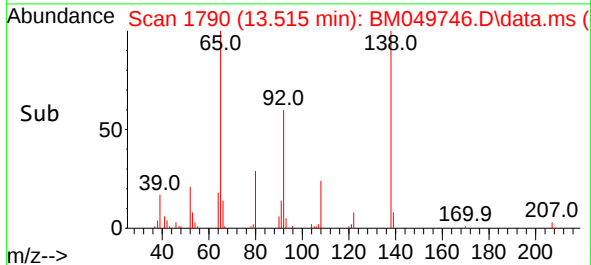
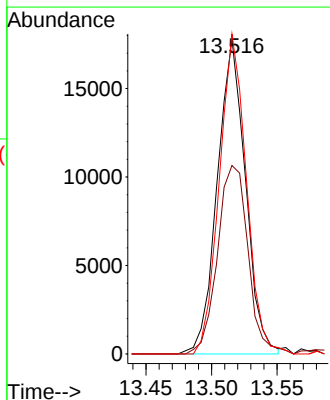
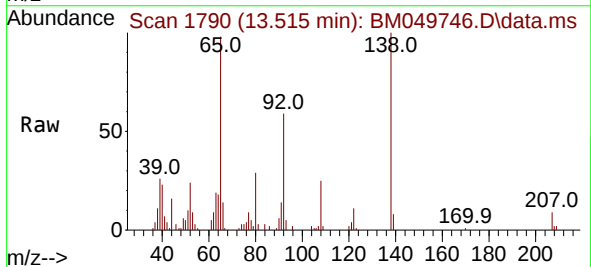
Manual Integrations
APPROVED

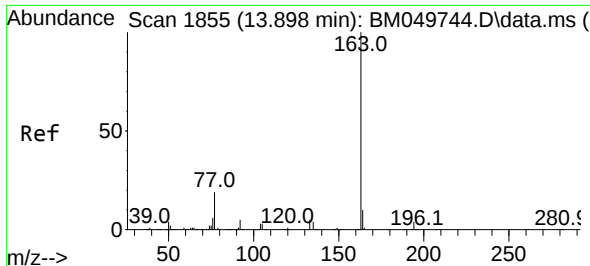
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#45
2-Nitroaniline
Concen: 3.818 ng/ul
RT: 13.515 min Scan# 1790
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

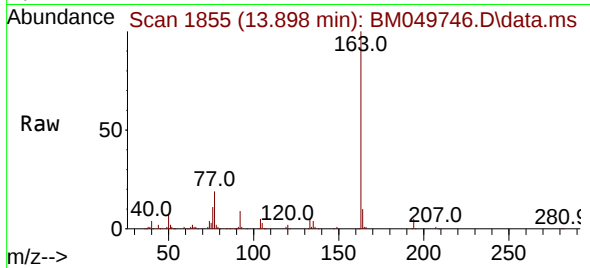
Tgt Ion: 65 Resp: 26512
Ion Ratio Lower Upper
65 100
92 59.9 55.3 82.9
138 101.7 86.3 129.5





#47
Dimethylphthalate
Concen: 4.655 ng/ul
RT: 13.898 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

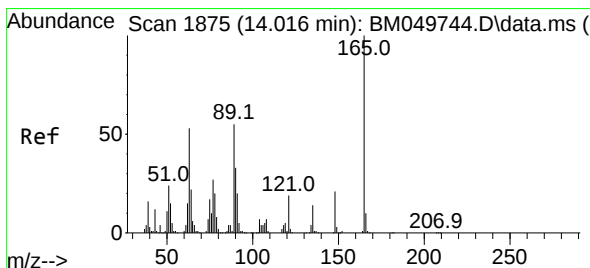
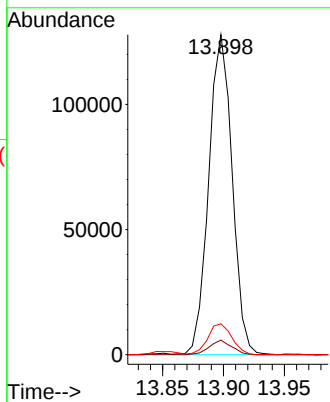
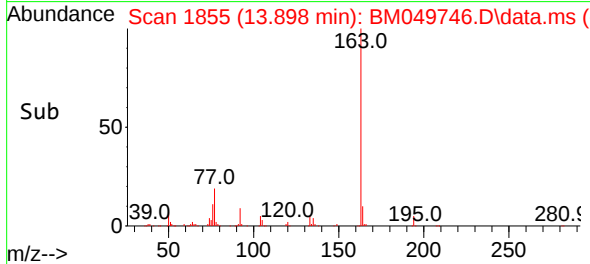
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2025-02



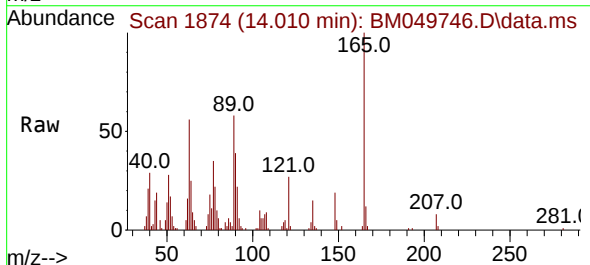
Tgt Ion:163 Resp: 17146
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 9.7 8.2 12.2

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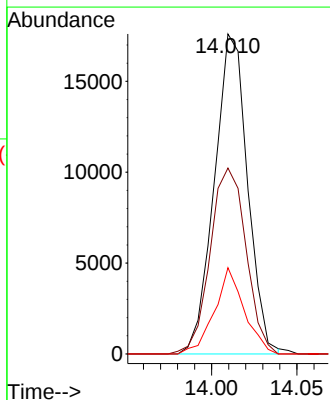
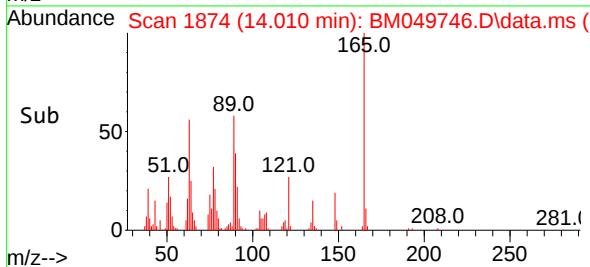
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

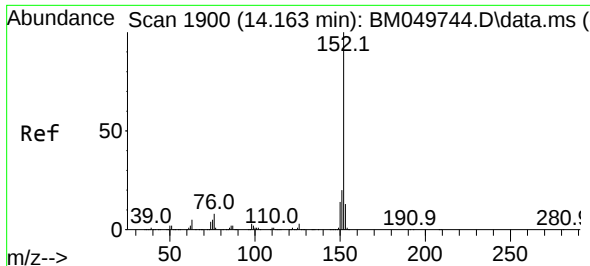


#48
2,6-Dinitrotoluene
Concen: 3.715 ng/ul
RT: 14.010 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



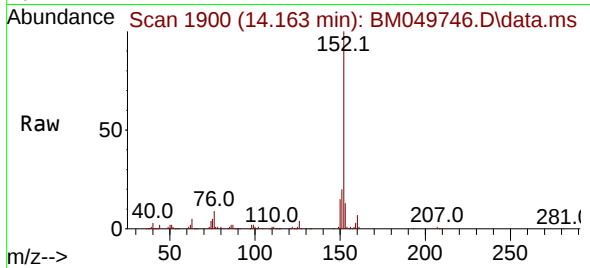
Tgt Ion:165 Resp: 23860
Ion Ratio Lower Upper
165 100
89 58.1 42.9 64.3
121 26.9 16.1 24.1#





#50
Acenaphthylene
Concen: 4.611 ng/ul
RT: 14.163 min Scan# 1900
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

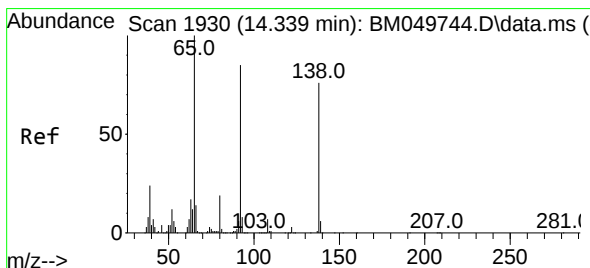
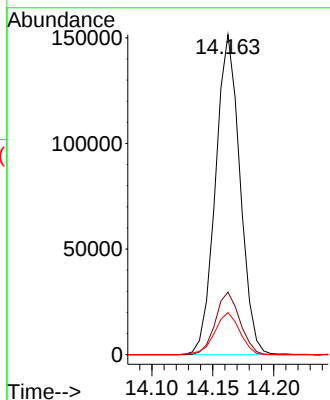
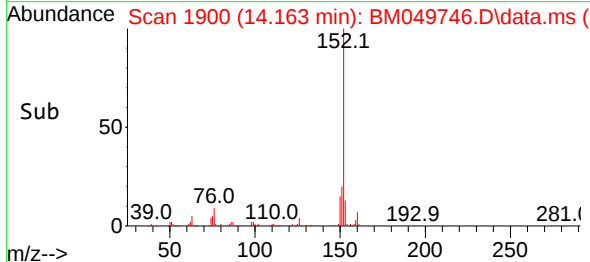
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT1-2025-02



Tgt Ion:152 Resp: 212192
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.2 10.5 15.7

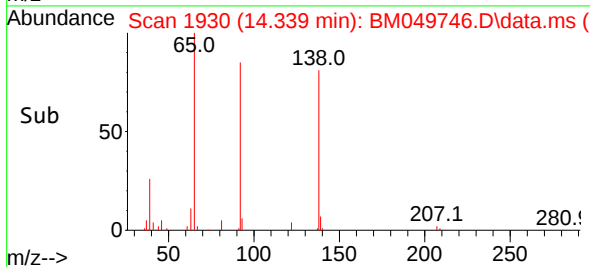
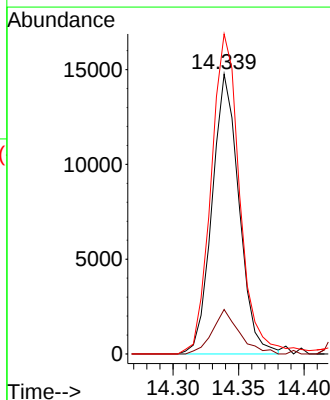
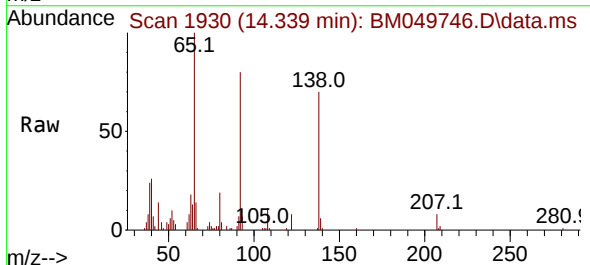
Manual Integrations
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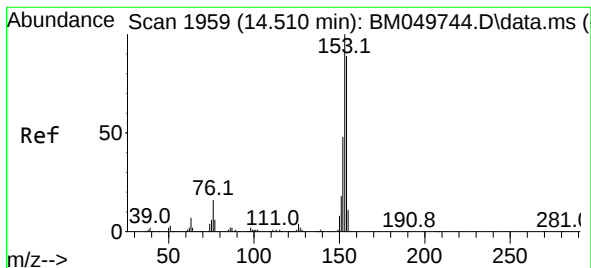
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#51
3-Nitroaniline
Concen: 3.185 ng/ul
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

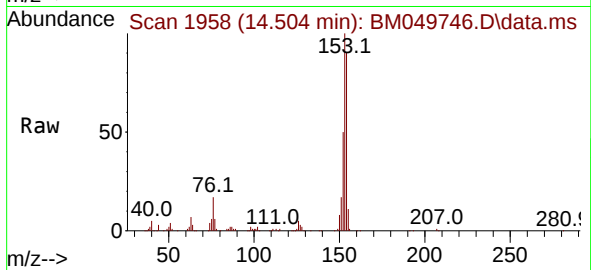
Tgt Ion:138 Resp: 21143
Ion Ratio Lower Upper
138 100
108 15.9 8.7 13.1#
92 114.4 90.4 135.6





#52
Acenaphthene
Concen: 4.367 ng/ul
RT: 14.504 min Scan# 1958
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

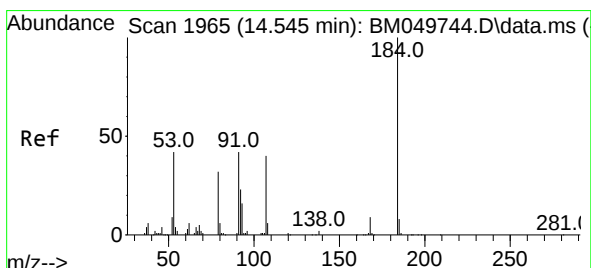
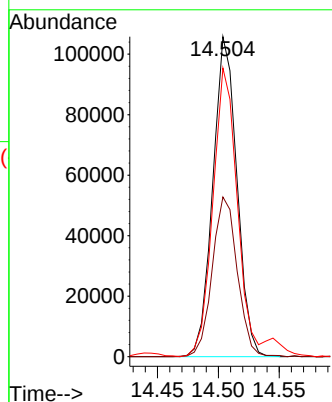
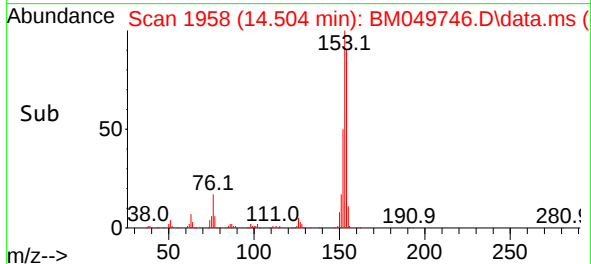
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



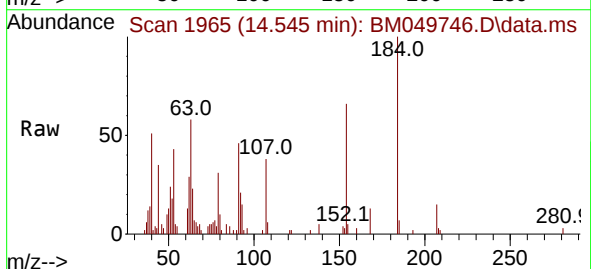
Tgt Ion:153 Resp: 14586
Ion Ratio Lower Upper
153 100
152 49.9 38.8 58.2
154 90.2 70.3 105.5

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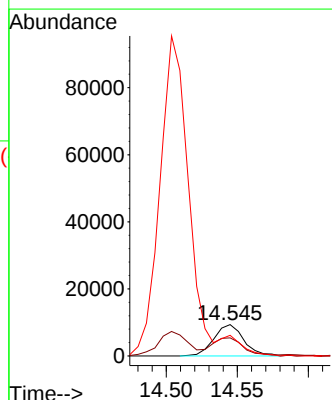
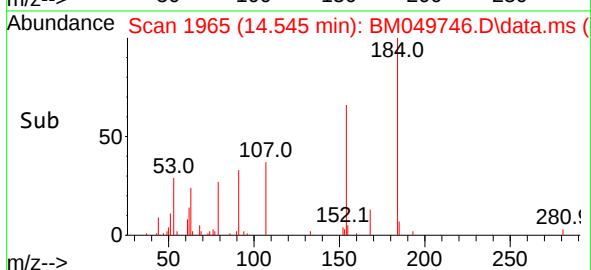
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

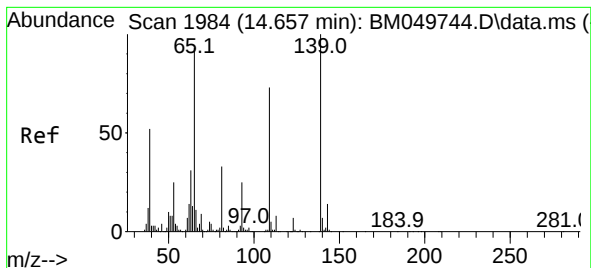


#53
2,4-Dinitrophenol
Concen: 3.602 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



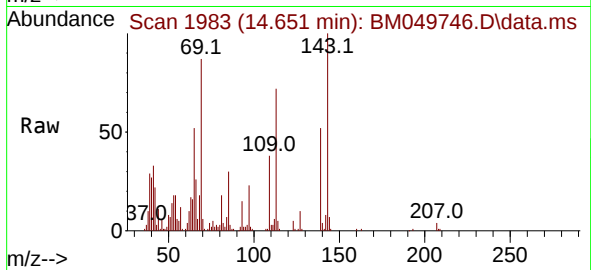
Tgt Ion:184 Resp: 13681
Ion Ratio Lower Upper
184 100
63 57.5 48.2 72.4
154 65.5 50.6 75.8





#55
4-Nitrophenol
Concen: 4.133 ng/ul
RT: 14.651 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

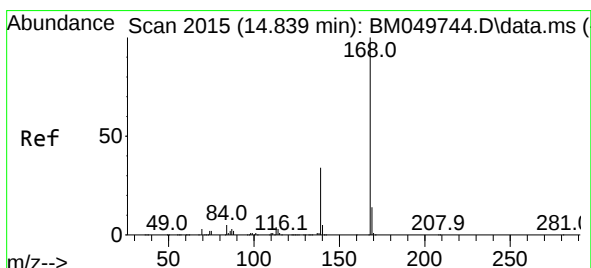
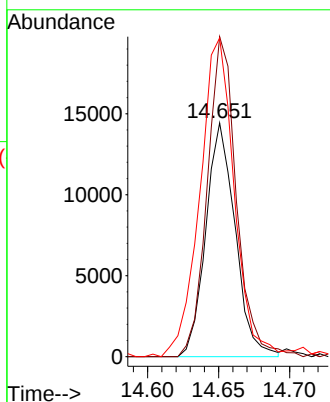
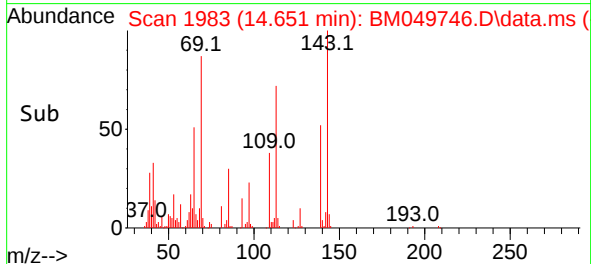
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:109 Resp: 20750
Ion Ratio Lower Upper
109 100
139 136.9 108.3 162.5
65 136.3 101.3 151.9

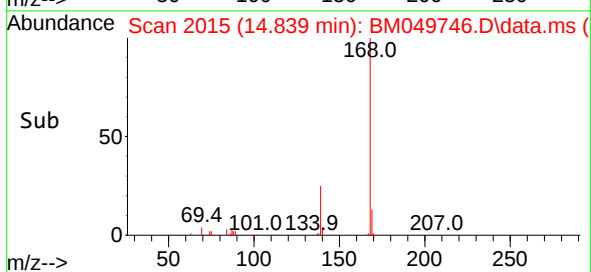
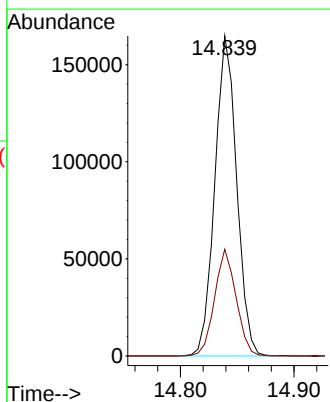
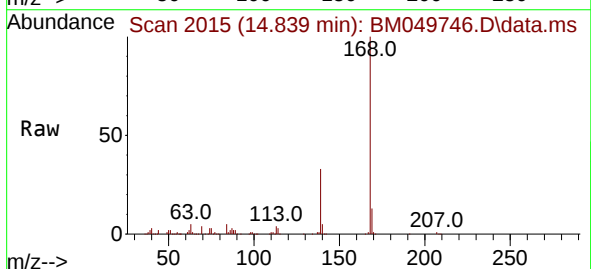
Manual Integrations
APPROVED

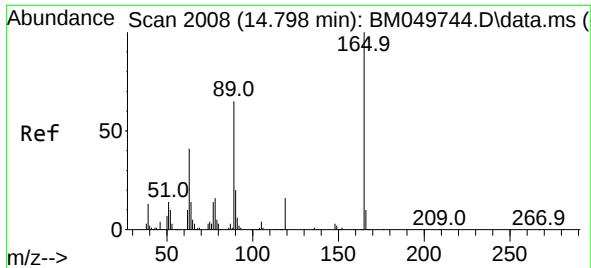
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#56
Dibenzofuran
Concen: 4.688 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

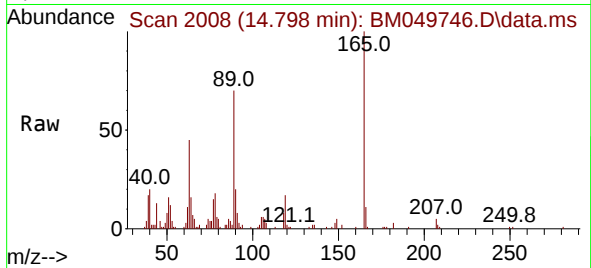
Tgt Ion:168 Resp: 220410
Ion Ratio Lower Upper
168 100
139 33.3 26.7 40.1





#57
2,4-Dinitrotoluene
Concen: 3.786 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

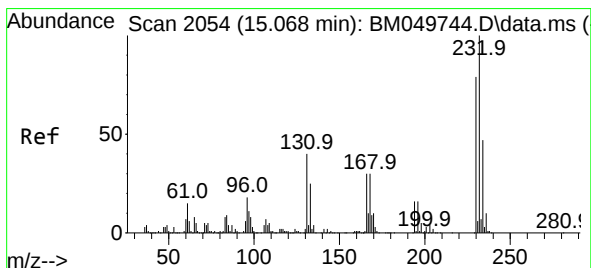
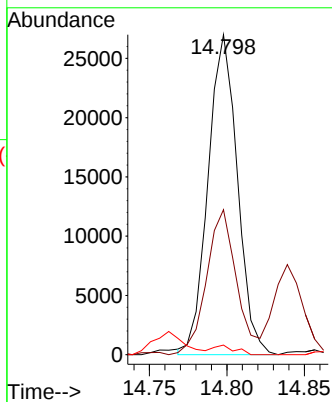
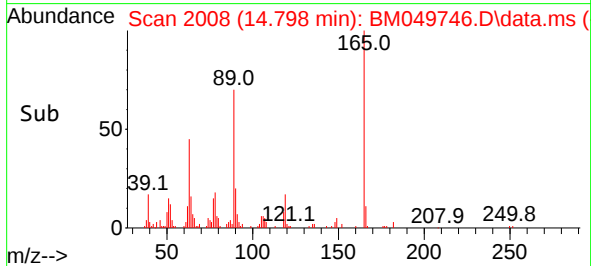
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



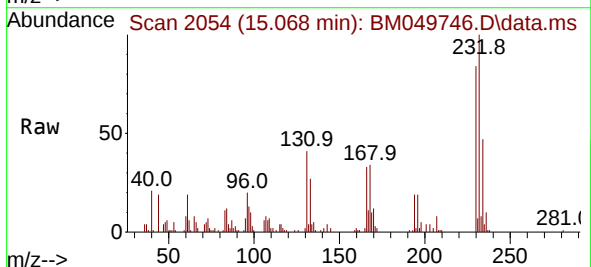
Tgt Ion:165 Resp: 35510
Ion Ratio Lower Upper
165 100
63 45.3 34.6 51.8
182 3.0 2.1 3.1

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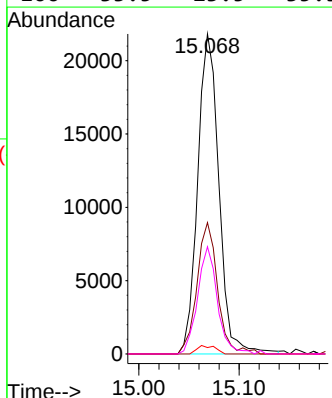
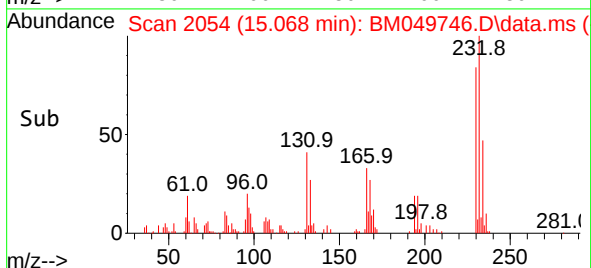
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

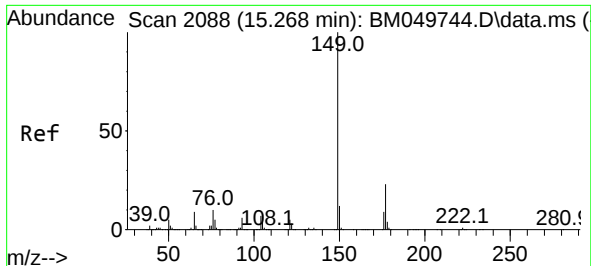


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.610 ng/ul
RT: 15.068 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



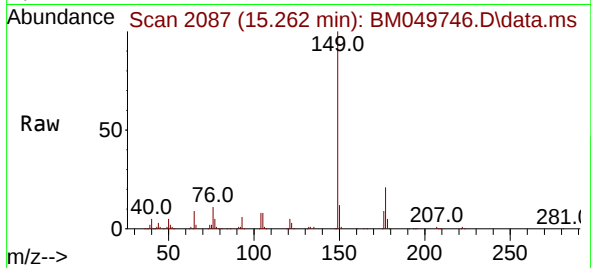
Tgt Ion:232 Resp: 32190
Ion Ratio Lower Upper
232 100
131 41.0 31.2 46.8
130 2.0 1.6 2.4
166 33.5 23.5 35.3





#59
Diethylphthalate
Concen: 4.373 ng/ul
RT: 15.262 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

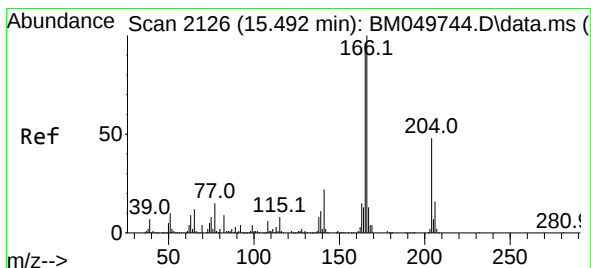
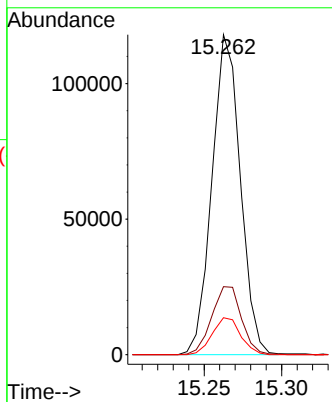
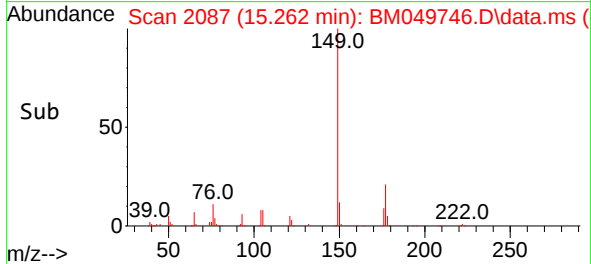
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:149 Resp: 150040
Ion Ratio Lower Upper
149 100
177 21.3 18.6 27.8
150 11.6 9.6 14.4

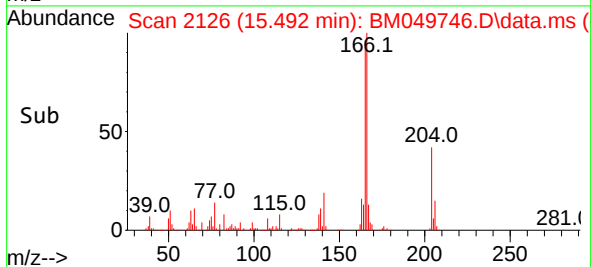
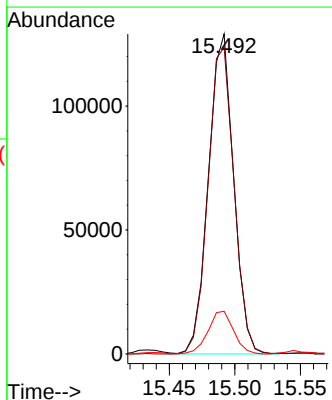
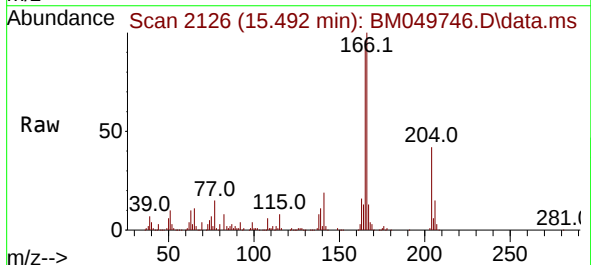
Manual Integrations
APPROVED

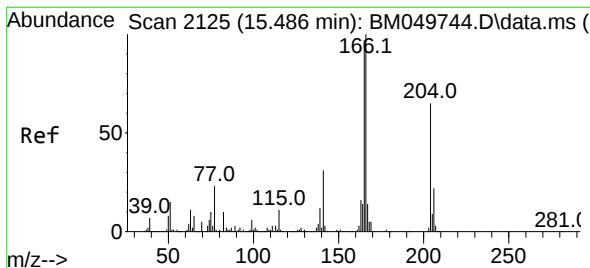
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#61
Fluorene
Concen: 4.356 ng/ul
RT: 15.492 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Tgt Ion:166 Resp: 172583
Ion Ratio Lower Upper
166 100
165 95.9 80.2 120.2
167 13.3 10.6 16.0





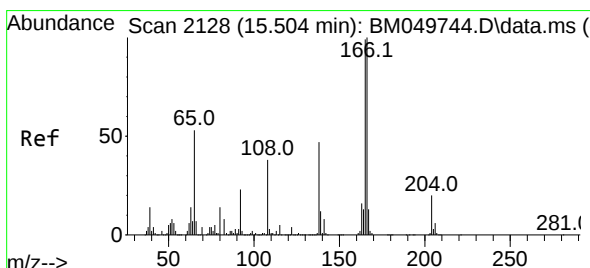
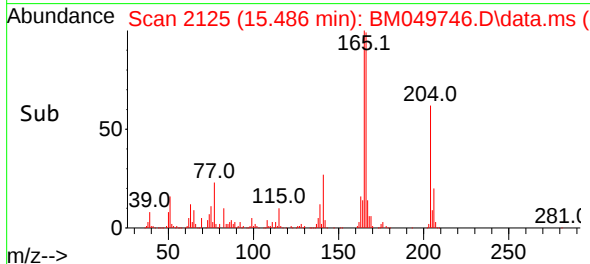
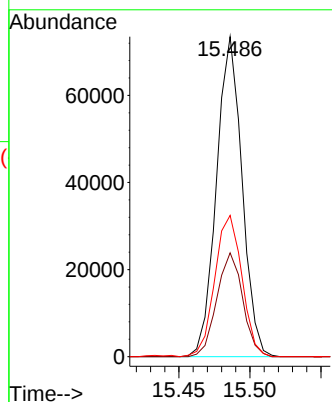
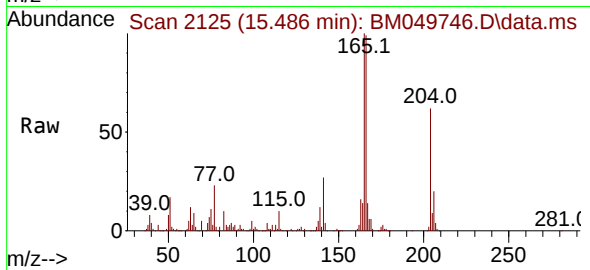
#62
4-Chlorophenyl-phenylether
Concen: 4.260 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

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

Tgt Ion:204 Resp: 9202
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.6
141 44.1 39.4 59.0

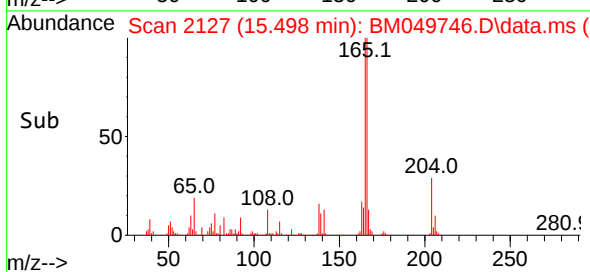
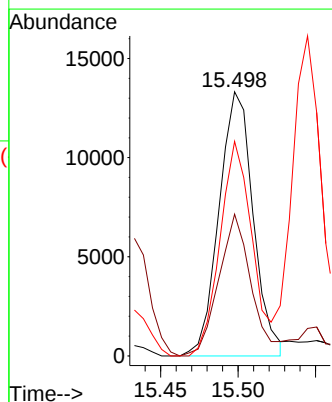
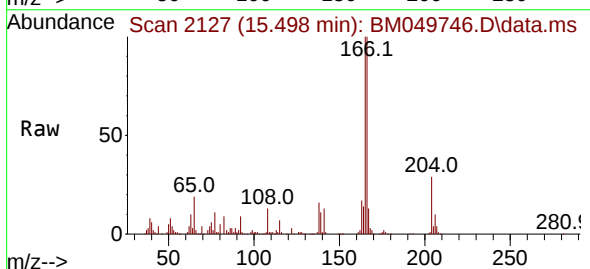
Manual Integrations
APPROVED

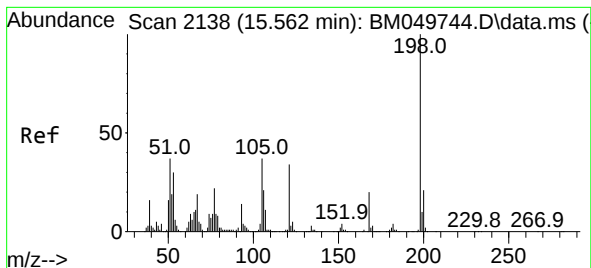
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#63
4-Nitroaniline
Concen: 3.269 ng/ul
RT: 15.498 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

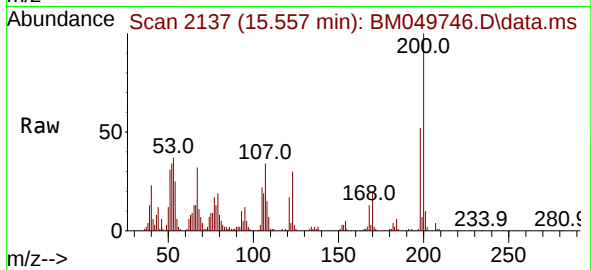
Tgt Ion:138 Resp: 20424
Ion Ratio Lower Upper
138 100
92 53.7 39.0 58.6
108 81.2 64.4 96.6





#66
4,6-Dinitro-2-methylphenol
Concen: 4.077 ng/ul
RT: 15.557 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

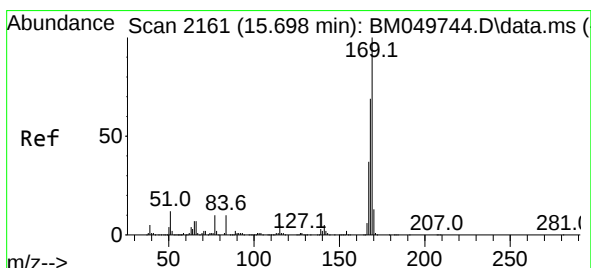
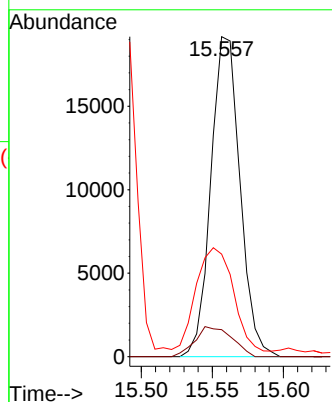
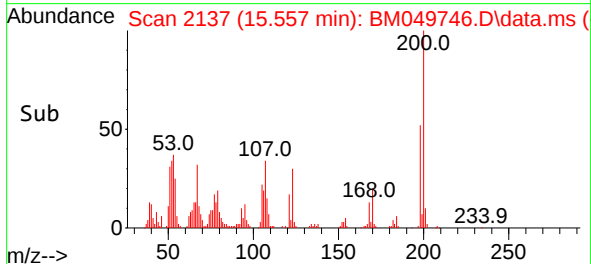
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:198 Resp: 2734
Ion Ratio Lower Upper
198 100
182 8.5 4.4 6.6
77 32.1 18.2 27.4

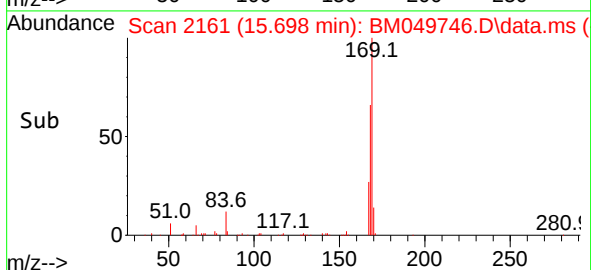
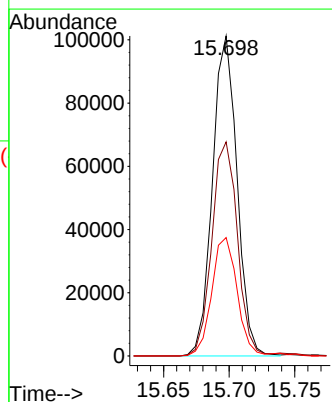
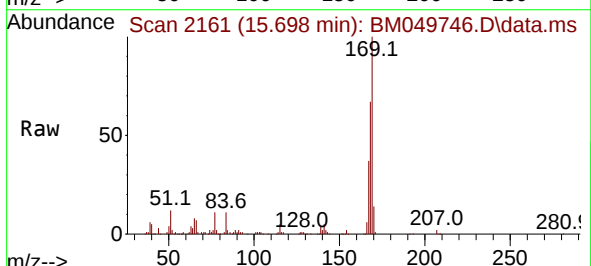
Manual Integrations
APPROVED

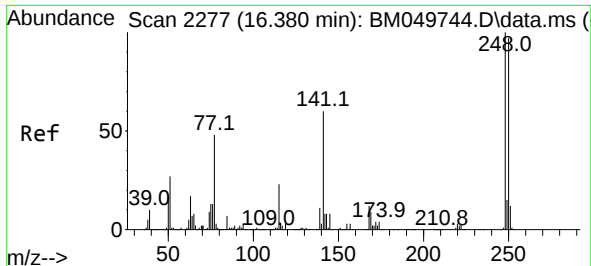
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#67
N-Nitrosodiphenylamine
Concen: 4.208 ng/ul
RT: 15.698 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

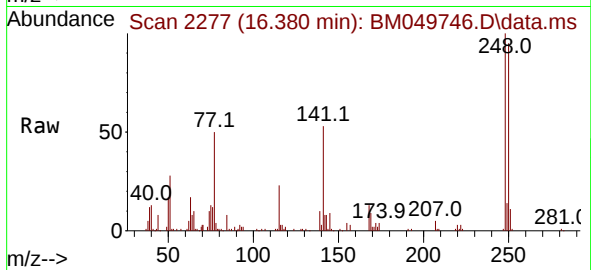
Tgt Ion:169 Resp: 131794
Ion Ratio Lower Upper
169 100
168 66.9 55.2 82.8
167 37.0 29.8 44.6





#68
4-Bromophenyl-phenylether
Concen: 4.110 ng/ul
RT: 16.380 min Scan# 211
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

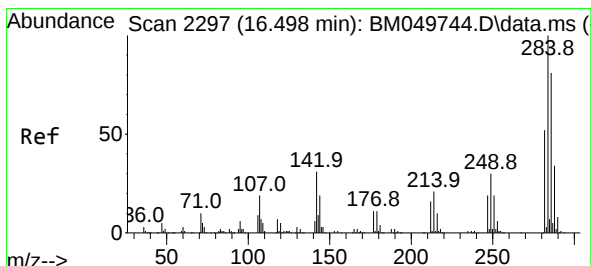
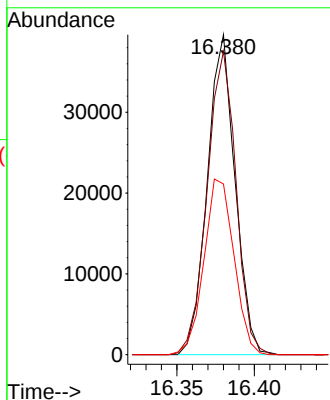
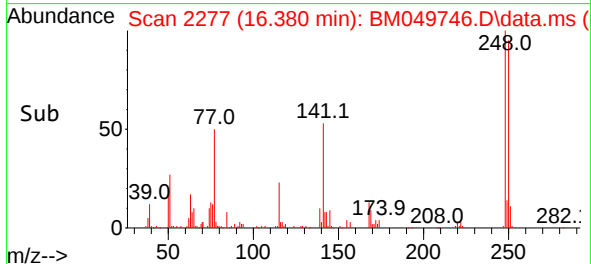
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



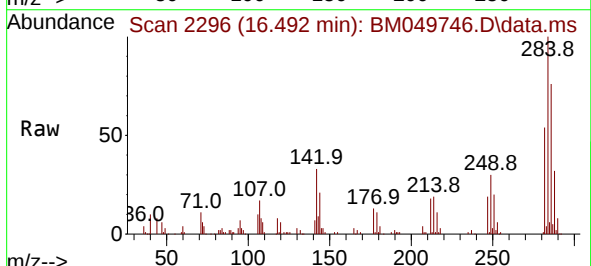
Tgt Ion:248 Resp: 4940
Ion Ratio Lower Upper
248 100
250 94.8 77.8 116.6
141 53.4 49.0 73.4

Manual Integrations
APPROVED

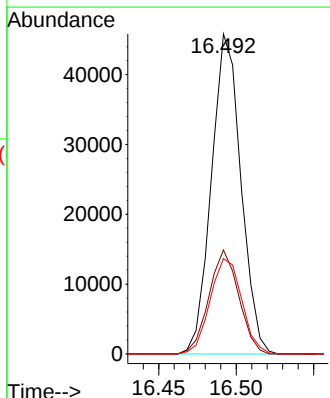
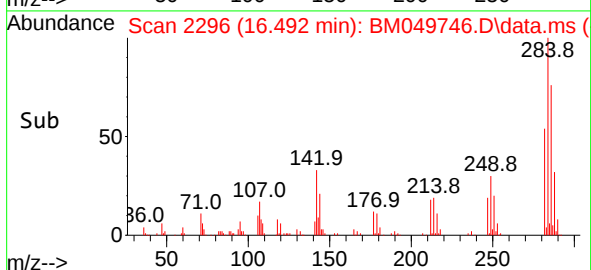
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

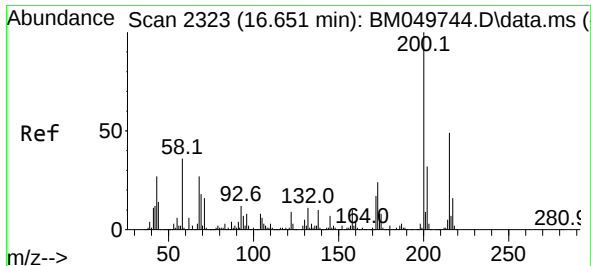


#69
Hexachlorobenzene
Concen: 4.372 ng/ul
RT: 16.492 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



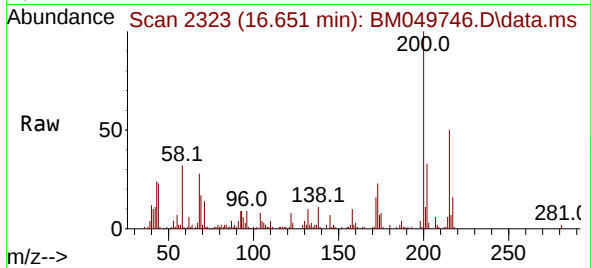
Tgt Ion:284 Resp: 60593
Ion Ratio Lower Upper
284 100
142 32.5 25.5 38.3
249 29.8 24.3 36.5





#70
Atrazine
Concen: 4.116 ng/ul
RT: 16.651 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

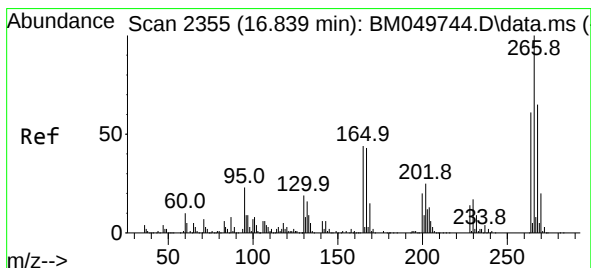
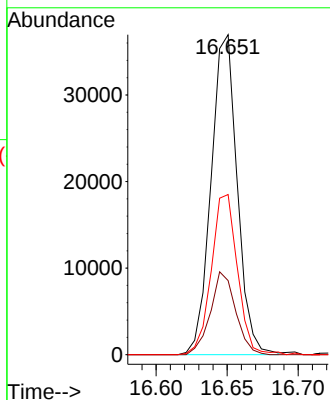
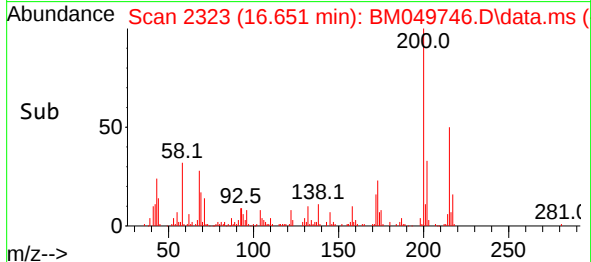
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:200 Resp: 4736
Ion Ratio Lower Upper
200 100
173 23.2 20.1 30.1
215 50.1 39.8 59.6

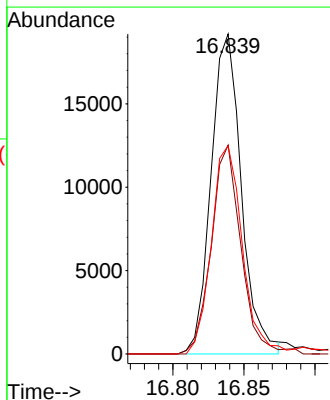
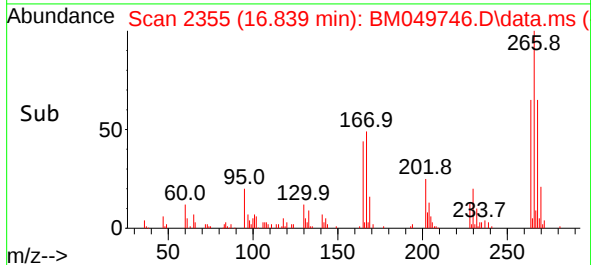
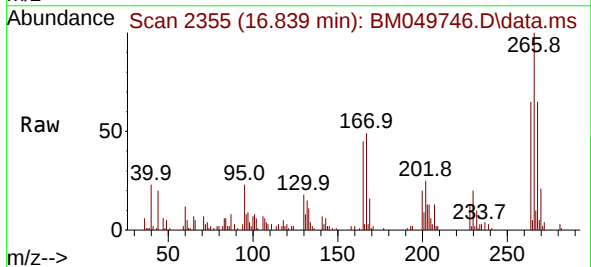
Manual Integrations
APPROVED

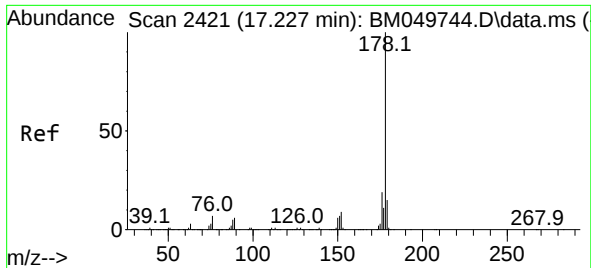
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#71
Pentachlorophenol
Concen: 3.378 ng/ul
RT: 16.839 min Scan# 2355
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

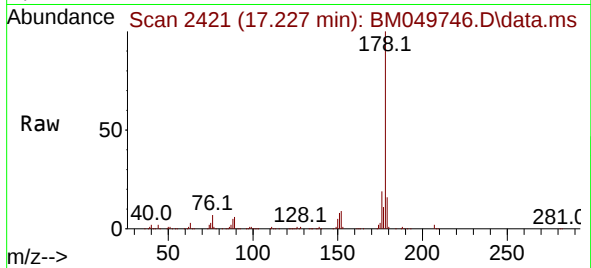
Tgt Ion:266 Resp: 28487
Ion Ratio Lower Upper
266 100
264 65.3 50.8 76.2
268 65.1 52.2 78.2





#72
Phenanthrene
Concen: 4.412 ng/ul
RT: 17.227 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

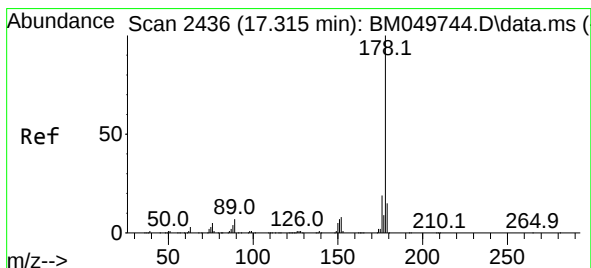
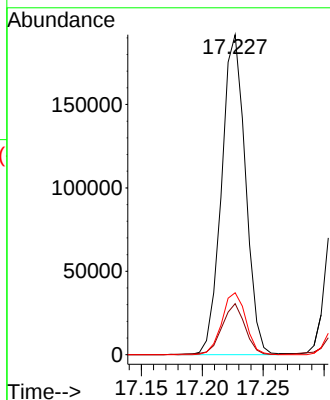
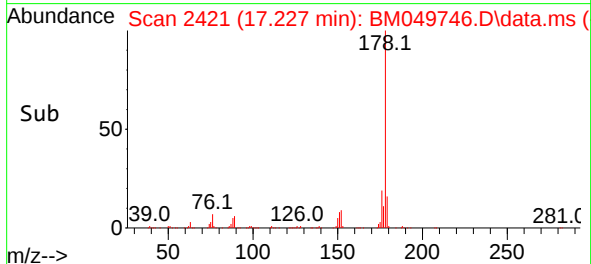
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



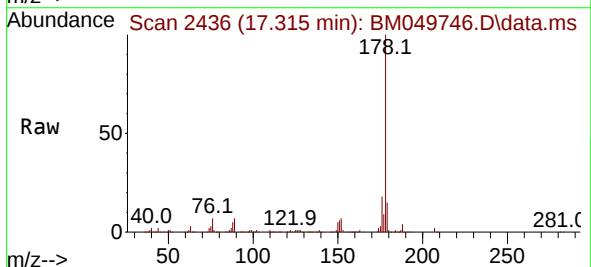
Tgt Ion:178 Resp: 262058
Ion Ratio Lower Upper
178 100
179 16.0 12.3 18.5
176 19.4 15.7 23.5

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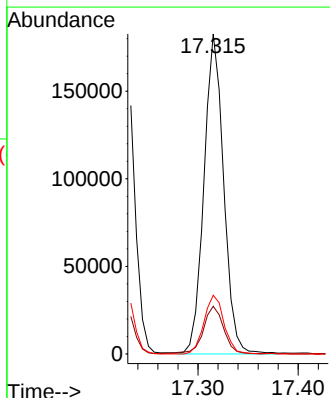
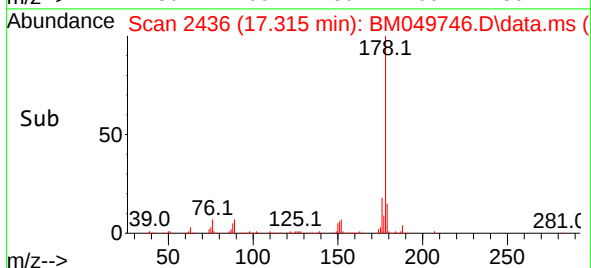
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

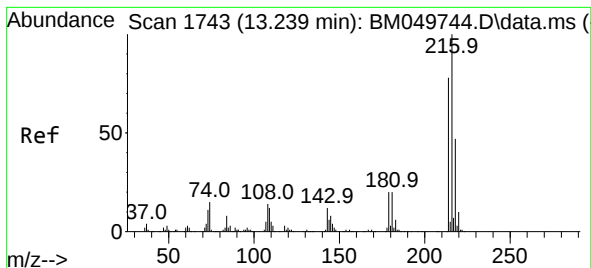


#74
Anthracene
Concen: 4.200 ng/ul
RT: 17.315 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



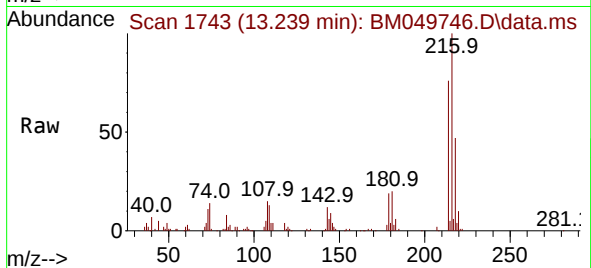
Tgt Ion:178 Resp: 250292
Ion Ratio Lower Upper
178 100
179 14.9 12.4 18.6
176 18.3 15.1 22.7





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.124 ng/uL
RT: 13.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

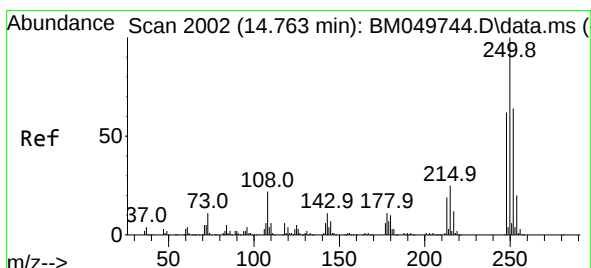
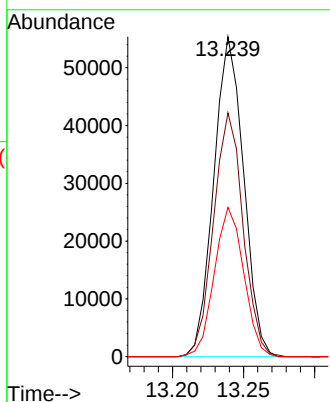
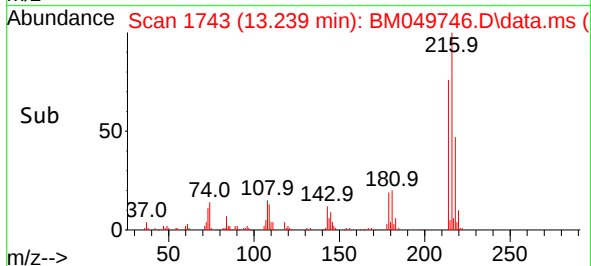
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



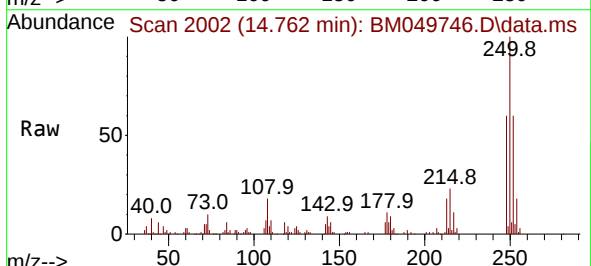
Tgt Ion:216 Resp: 81024
Ion Ratio Lower Upper
216 100
214 76.2 62.2 93.4
218 46.7 39.2 58.8

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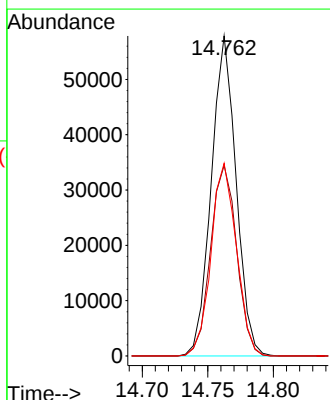
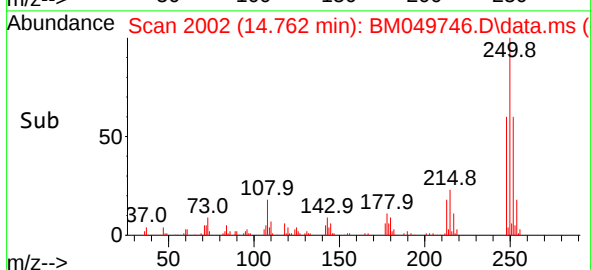
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025

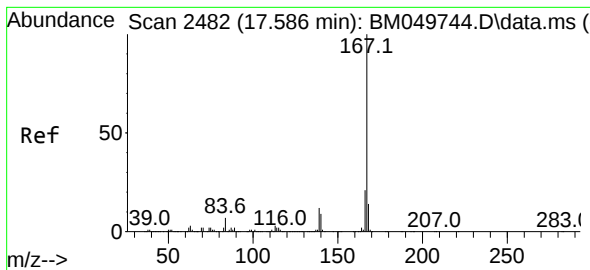


#76
Pentachlorobenzene
Concen: 4.107 ng/uL
RT: 14.762 min Scan# 2002
Delta R.T. -0.000 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41



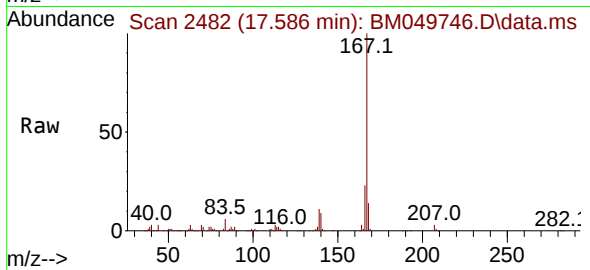
Tgt Ion:250 Resp: 76147
Ion Ratio Lower Upper
250 100
248 59.5 50.0 75.0
252 60.2 51.0 76.6





#77
 Carbazole
 Concen: 3.831 ng/ul
 RT: 17.586 min Scan# 2482
 Delta R.T. -0.000 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

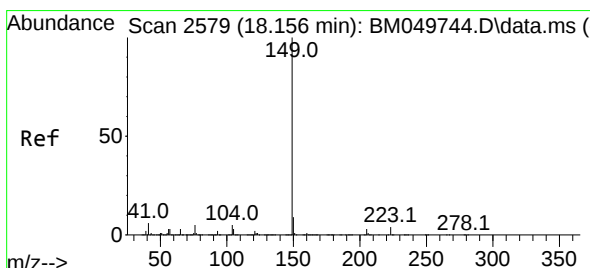
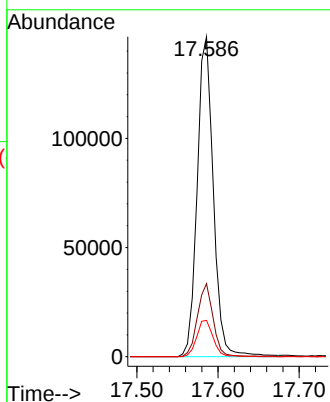
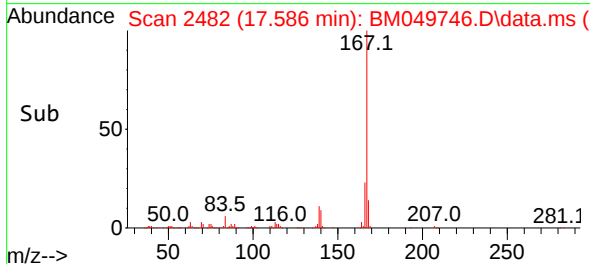
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT1-2025-02



Tgt Ion:167 Resp: 203080
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.7 26.5
 139 11.4 9.3 13.9

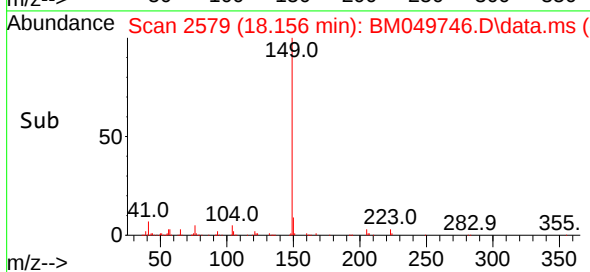
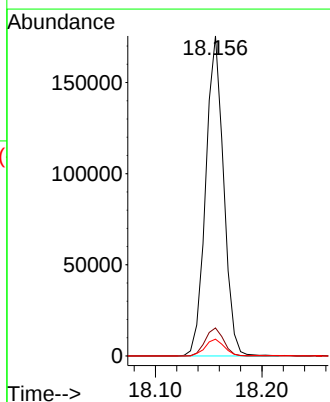
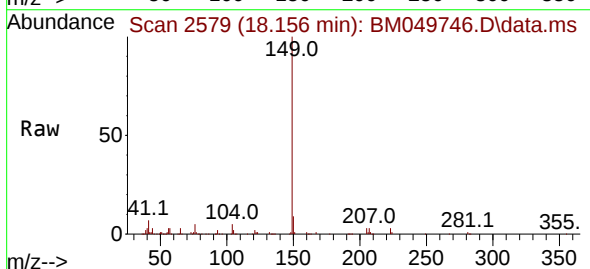
Manual Integrations
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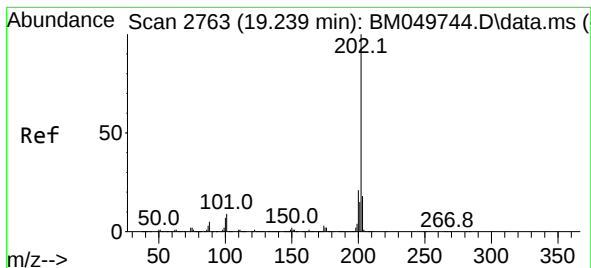
Reviewed By :Rahul Chavli 03/24/2025
 Supervised By :Jagrut Upadhyay 03/25/2025



#78
 Di-n-butylphthalate
 Concen: 3.745 ng/ul
 RT: 18.156 min Scan# 2579
 Delta R.T. -0.000 min
 Lab File: BM049746.D
 Acq: 24 Mar 2025 11:41

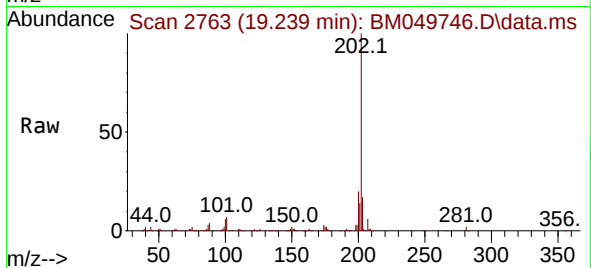
Tgt Ion:149 Resp: 204980
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 5.2 4.0 6.0





#80
Fluoranthene
Concen: 4.549 ng/ul
RT: 19.239 min Scan# 2763
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

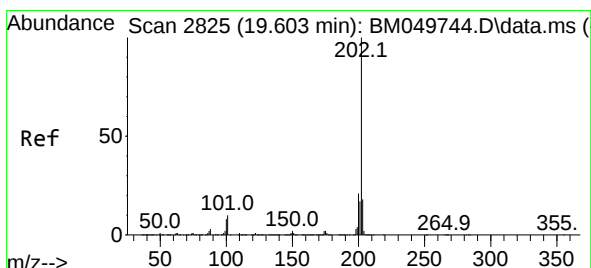
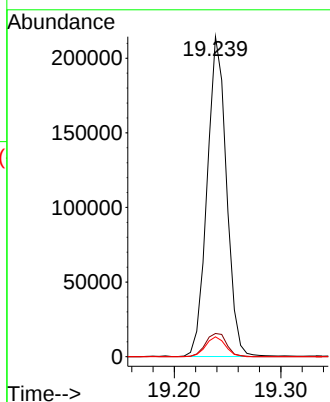
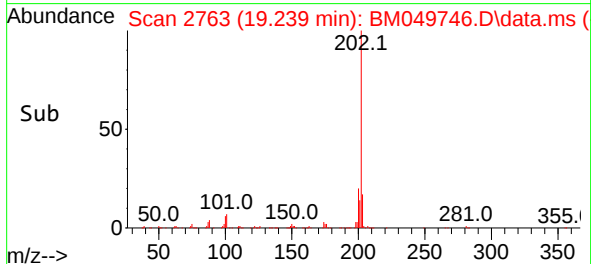
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:202 Resp: 27090
Ion Ratio Lower Upper
202 100
101 7.3 6.3 9.5
100 6.2 5.2 7.8

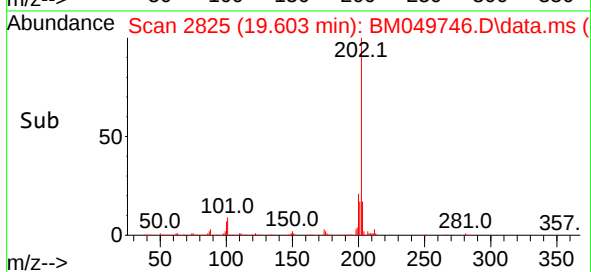
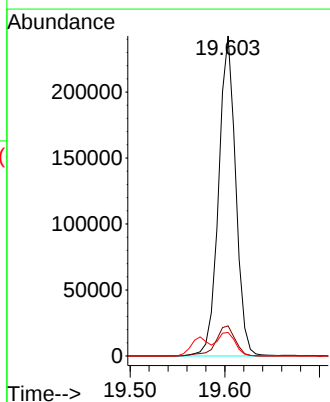
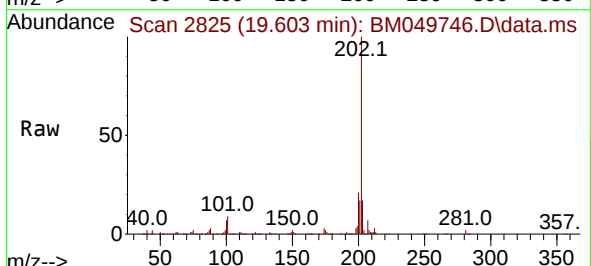
Manual Integrations
APPROVED

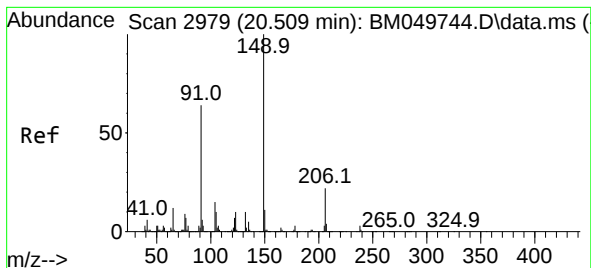
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#82
Pyrene
Concen: 4.722 ng/ul
RT: 19.603 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Tgt Ion:202 Resp: 304740
Ion Ratio Lower Upper
202 100
101 9.4 7.1 10.7
100 7.4 5.8 8.8





#83

Butylbenzylphthalate

Concen: 3.724 ng/ul

RT: 20.509 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2025-02

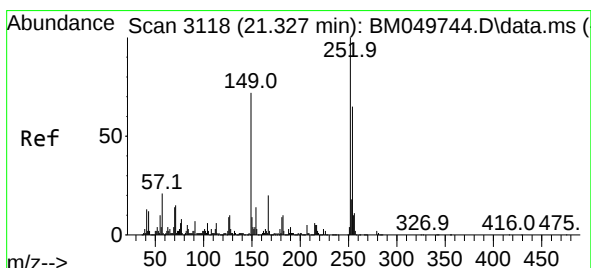
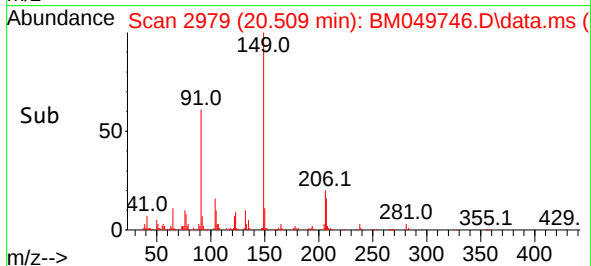
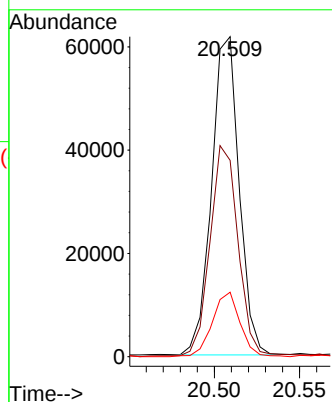
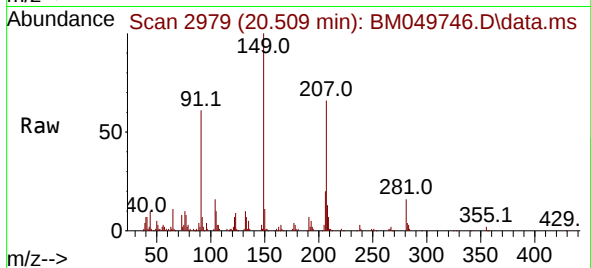
Tgt Ion:	149	Resp:	69378
Ion Ratio	Lower	Upper	
149	100		
91	61.3	53.4	80.2
206	20.1	17.0	25.4

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: 2.718 ng/ul

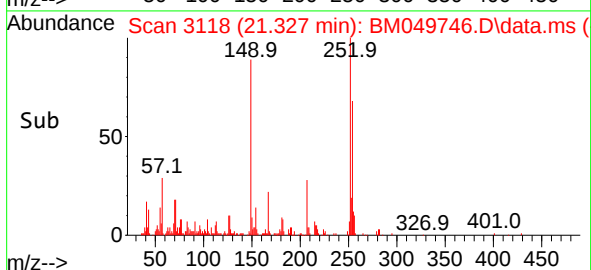
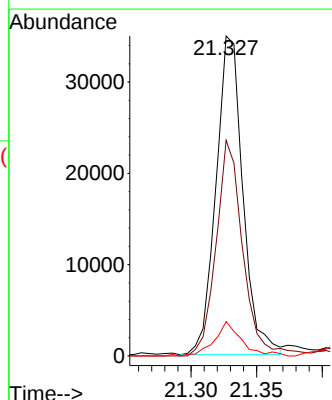
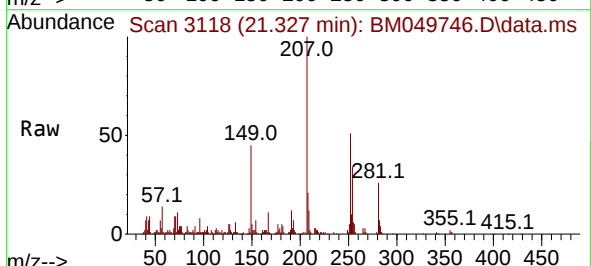
RT: 21.327 min Scan# 3118

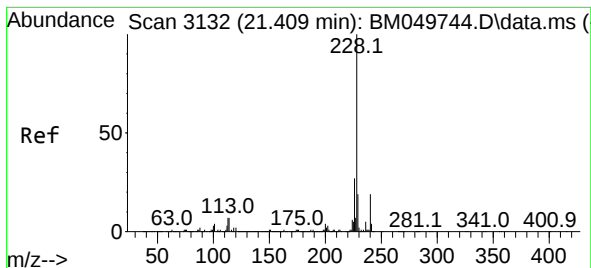
Delta R.T. -0.006 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

Tgt Ion:	252	Resp:	49830
Ion Ratio	Lower	Upper	
252	100		
254	67.4	51.7	77.5
126	10.8	6.8	10.2





#85

Benzo(a)anthracene

Concen: 4.455 ng/ul

RT: 21.403 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM049746.D

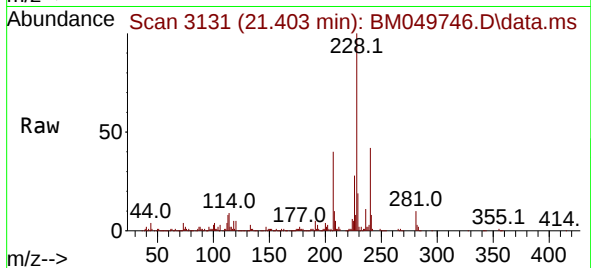
Acq: 24 Mar 2025 11:41

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT1-2025-02



Tgt Ion:228 Resp: 277815

Ion Ratio Lower Upper

228 100

229 19.4 15.6 23.4

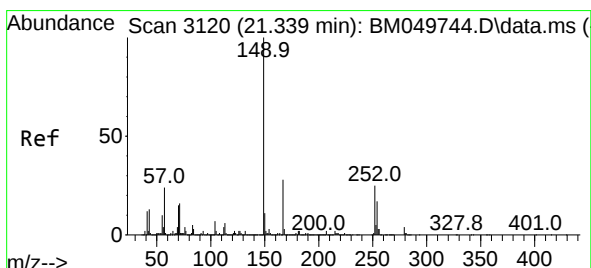
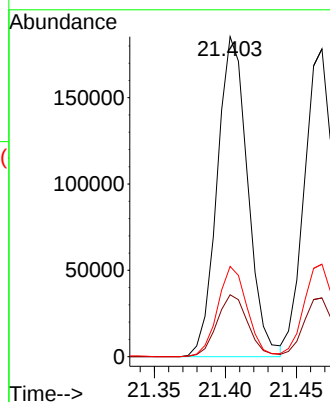
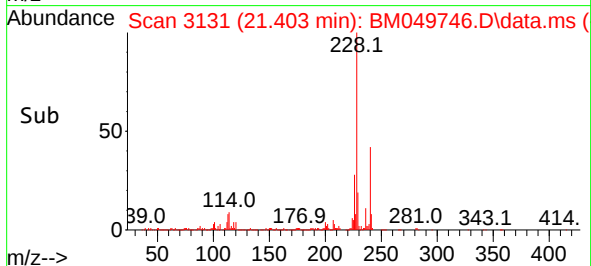
226 28.2 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 03/24/2025

Supervised By :Jagrut Upadhyay 03/25/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 3.428 ng/ul

RT: 21.339 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

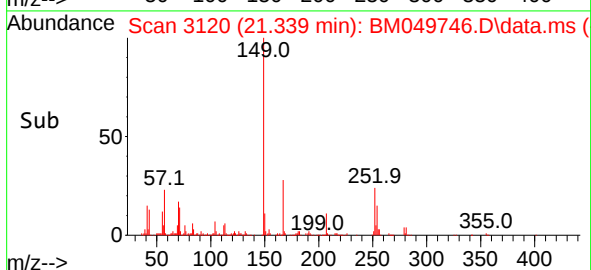
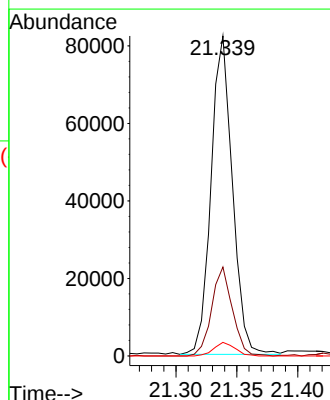
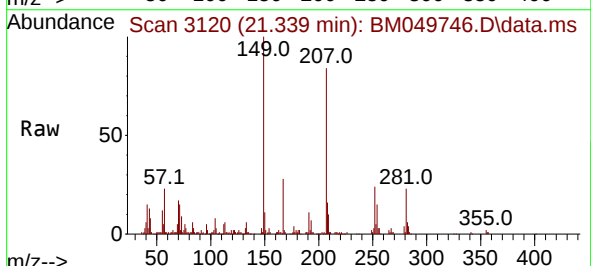
Tgt Ion:149 Resp: 100486

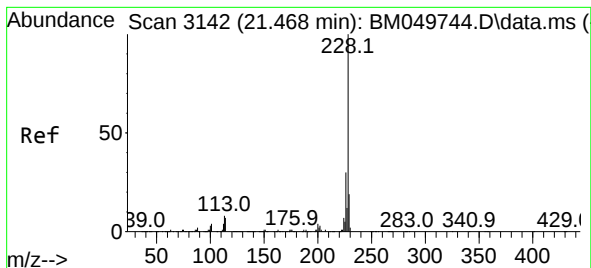
Ion Ratio Lower Upper

149 100

167 27.8 22.0 33.0

279 4.2 3.1 4.7





#87

Chrysene

Concen: 4.398 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

Instrument :

BNA_M

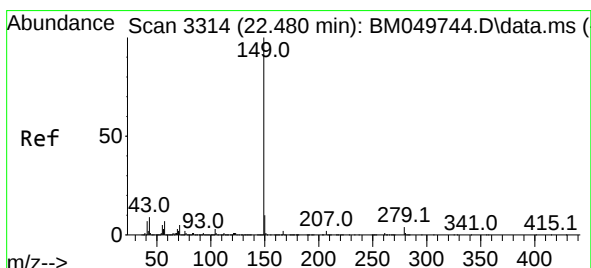
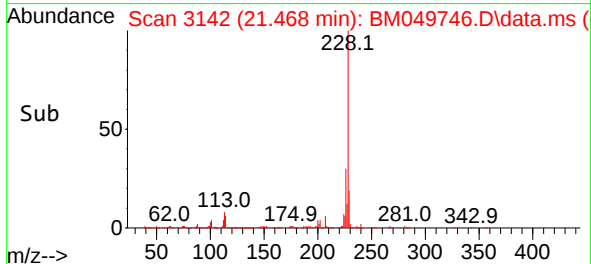
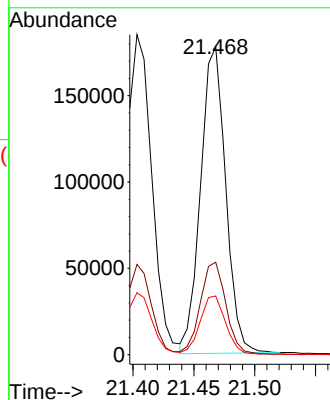
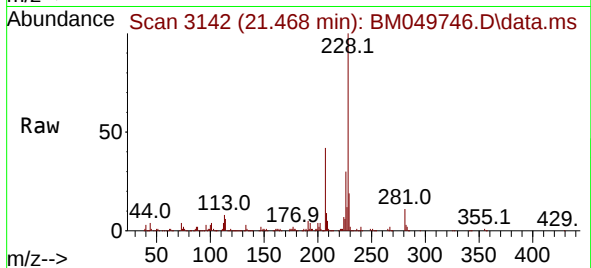
ClientSampleId :

MDL-SOIL-QT1-2025-02

Tgt Ion:228 Resp: 25550
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.0 36.0
 229 19.1 15.7 23.5

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



#89

Di-n-octyl phthalate

Concen: 2.748 ng/ul

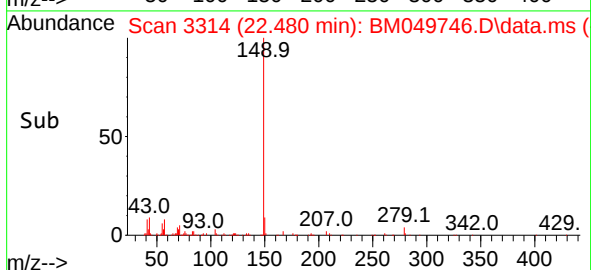
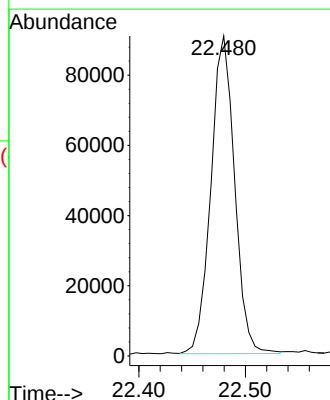
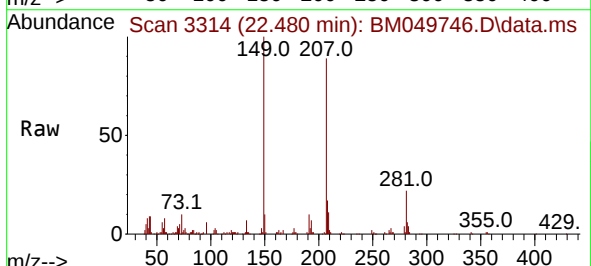
RT: 22.480 min Scan# 3314

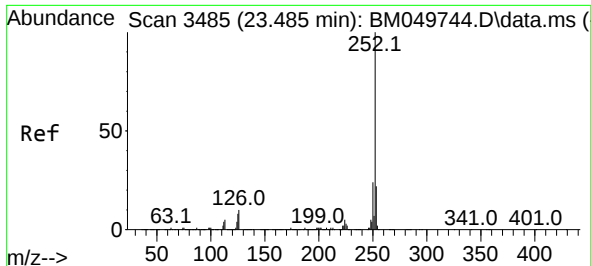
Delta R.T. -0.006 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

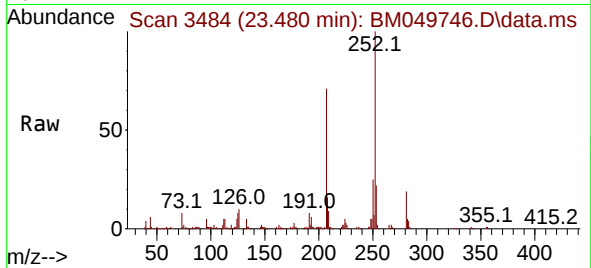
Tgt Ion:149 Resp: 139920





#90
Benzo(b)fluoranthene
Concen: 4.232 ng/ul
RT: 23.480 min Scan# 3485
Delta R.T. -0.012 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

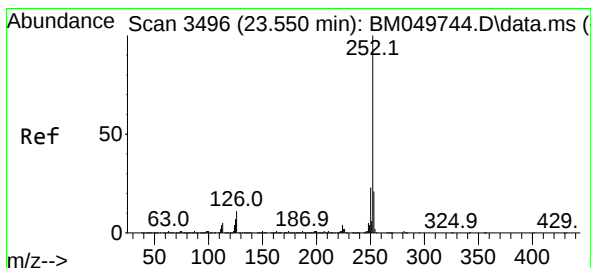
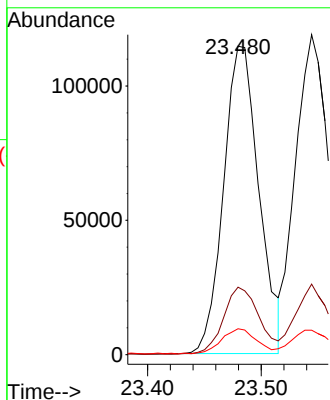
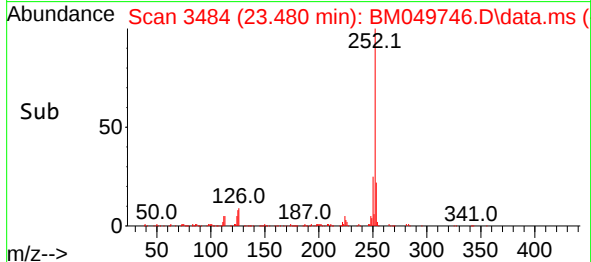
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:252 Resp: 247604
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.4 6.2 9.4

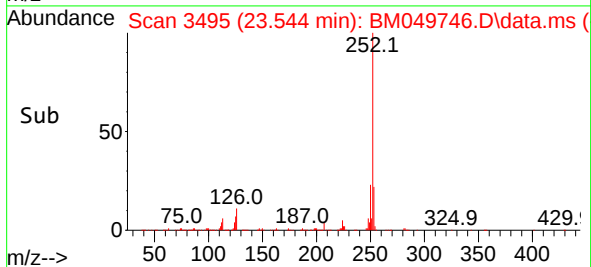
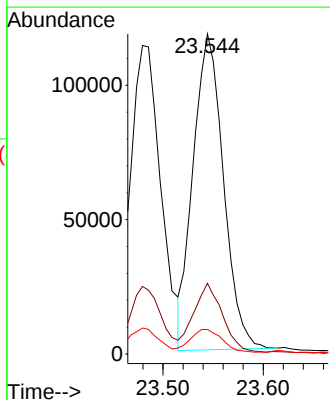
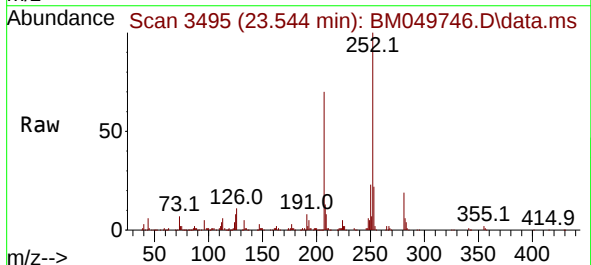
Manual Integrations
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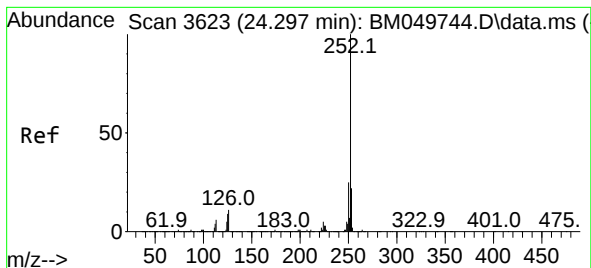
Reviewed By :Rahul Chavli 03/24/2025
Supervised By :Jagrut Upadhyay 03/25/2025



#91
Benzo(k)fluoranthene
Concen: 4.100 ng/ul
RT: 23.544 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Tgt Ion:252 Resp: 247391
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 7.7 6.0 9.0





#93

Benzo(a)pyrene

Concen: 4.109 ng/ul

RT: 24.291 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

Instrument :

BNA_M

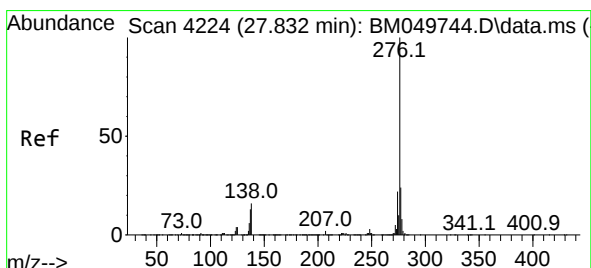
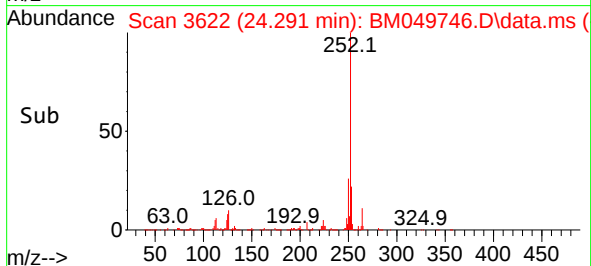
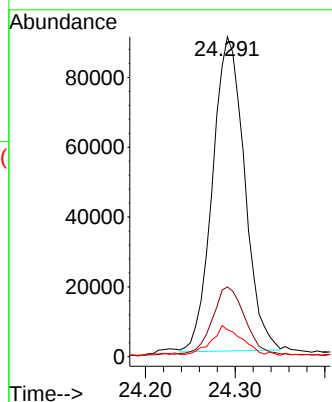
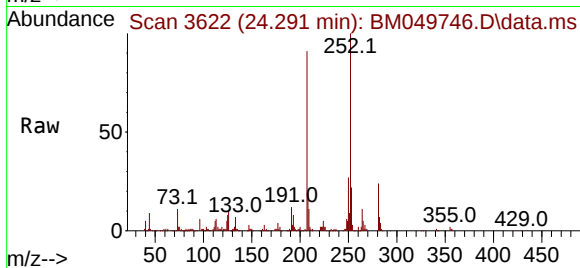
ClientSampleId :

MDL-SOIL-QT1-2025-02

Tgt Ion:252 Resp: 22275
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 8.5 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: 4.195 ng/ul

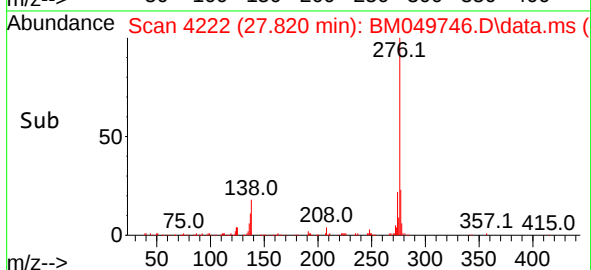
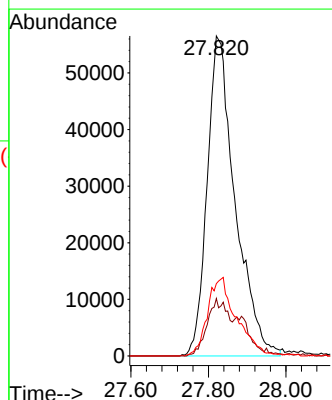
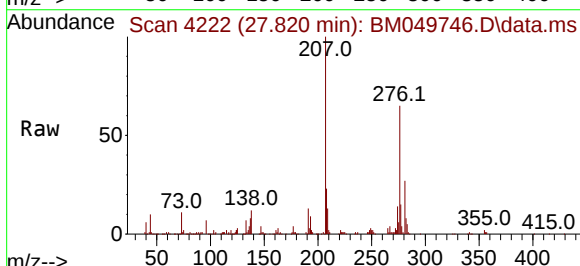
RT: 27.820 min Scan# 4222

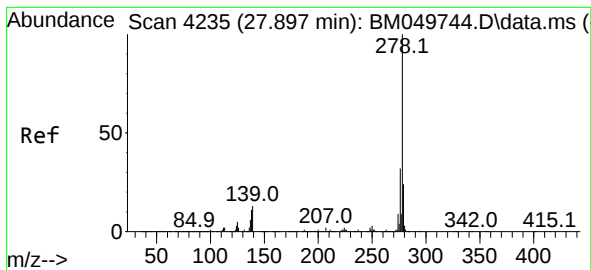
Delta R.T. -0.024 min

Lab File: BM049746.D

Acq: 24 Mar 2025 11:41

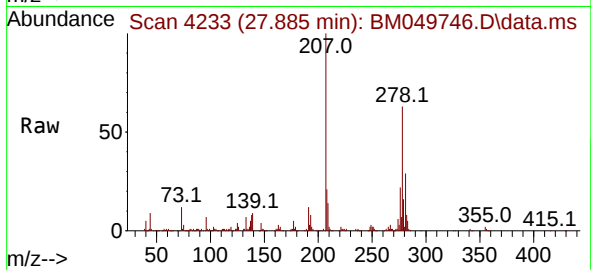
Tgt Ion:276 Resp: 283967
 Ion Ratio Lower Upper
 276 100
 138 17.9 13.1 19.7
 277 22.6 18.6 28.0





#95
Dibenzo(a,h)anthracene
Concen: 4.175 ng/ul
RT: 27.885 min Scan# 41
Delta R.T. -0.018 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

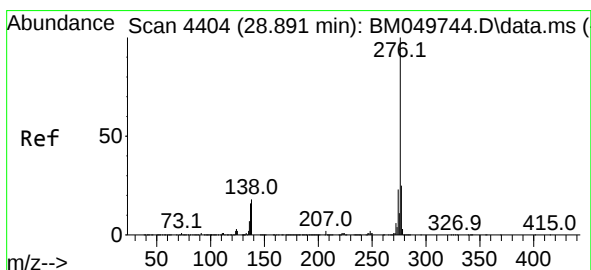
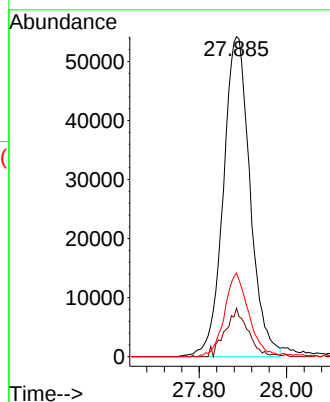
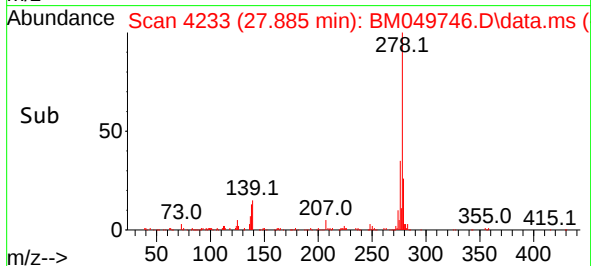
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT1-2025-02



Tgt Ion:278 Resp: 229908
Ion Ratio Lower Upper
278 100
139 15.2 10.5 15.7
279 26.2 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: 4.371 ng/ul
RT: 28.873 min Scan# 4401
Delta R.T. -0.029 min
Lab File: BM049746.D
Acq: 24 Mar 2025 11:41

Tgt Ion:276 Resp: 227118
Ion Ratio Lower Upper
276 100
138 18.3 14.0 21.0
277 21.8 18.3 27.5

