

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
 Data File : BM050331.D
 Acq On : 01 Jul 2025 17:36
 Operator : RC/JU
 Sample : Q2117-03
 Misc : MDL-SOIL-4 PPM
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2025-03

Quant Time: Jul 01 18:15:41 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 01 15:14:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	414347	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	1541856	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	966143	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.227	188	1917300	20.000	ng/u1	0.00
79) Chrysene-d12	21.450	240	2008252	20.000	ng/u1	0.00
88) Perylene-d12	24.491	264	2098620	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	42808	4.264	ng/uL	0.00
4) Pyridine-d5	3.716	84	456980	16.815	ng/u1	0.00
7) Phenol-d5	7.022	99	506493	16.861	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	338674	17.779	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	411917	16.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.563	113	381023	16.649	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	171768	16.111	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	152138	15.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.280	165	376986	15.608	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	536691	16.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.898	166	1063872	16.167	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	1308255	16.237	ng/u1	0.00
54) 4-Nitrophenol-d4	14.662	143	167174	14.135	ng/u1	0.00
60) Fluorene-d10	15.480	176	982602	16.449	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	85545	10.330	ng/u1	0.00
73) Anthracene-d10	17.327	188	1526589	16.056	ng/u1	0.00
81) Pyrene-d10	19.603	212	1730144	16.127	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.279	264	1734126	16.299	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	16683m	1.601	ng/uL	
5) Pyridine	3.734	79	142268	5.018	ng/u1#	83
6) Benzaldehyde	7.004	77	99364	5.996	ng/u1	97
8) Phenol	7.045	94	154355	4.904	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.286	93	122461	4.953	ng/u1	98
12) 2-Chlorophenol	7.433	128	123213	4.801	ng/u1	98
13) 2-Methylphenol	8.304	108	103525	4.559	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.398	45	194626	5.040	ng/u1	99
16) Acetophenone	8.686	105	183502	5.002	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.669	70	84218	4.425	ng/u1	97
18) 4-Methylphenol	8.628	108	116378	4.717	ng/u1	99
19) Hexachloroethane	8.957	117	51094	4.829	ng/u1	96
22) Nitrobenzene	9.063	77	131362	4.767	ng/u1	98
23) Isophorone	9.586	82	217927	4.331	ng/u1	99
25) 2-Nitrophenol	9.775	139	50784	4.314	ng/u1#	95
26) 2,4-Dimethylphenol	9.833	107	105500	4.004	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.074	93	149801	4.615	ng/u1	99
29) 2,4-Dichlorophenol	10.304	162	109089	4.537	ng/u1	95
30) Naphthalene	10.716	128	378543	4.774	ng/u1	98
32) 4-Chloroaniline	10.816	127	154094	4.746	ng/u1	99
33) Hexachlorobutadiene	11.010	225	78599	4.655	ng/u1	95
34) Caprolactam	11.563	113	38103m	5.448	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	92937	4.227	ng/u1	99
36) 2-Methylnaphthalene	12.327	142	247717	4.492	ng/u1	96

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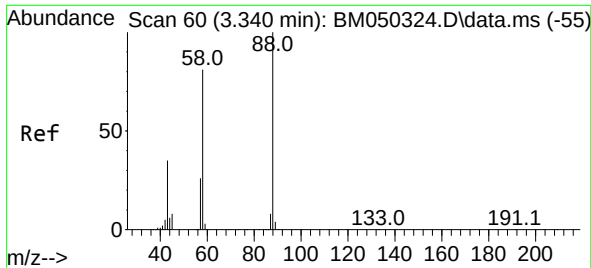
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Manual Integrations
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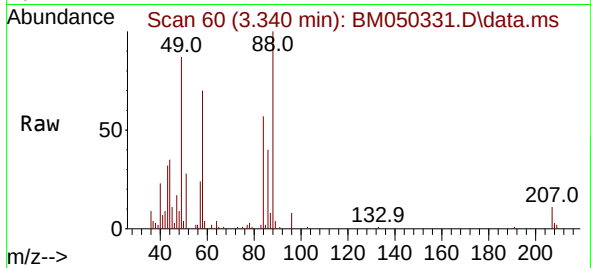
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	243313	4.456	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	136067	4.329	ng/ul#	94
40) Hexachlorocyclopentadiene	12.680	237	83089	5.070	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	70637	3.921	ng/ul	93
42) 2,4,5-Trichlorophenol	12.992	196	78584	3.924	ng/ul	97
43) 1,1'-Biphenyl	13.333	154	320824	4.508	ng/ul	99
44) 2-Chloronaphthalene	13.368	162	258336	4.532	ng/ul	98
45) 2-Nitroaniline	13.563	65	48684	3.699	ng/ul	94
47) Dimethylphthalate	13.951	163	303715	4.639	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	36544	3.417	ng/ul#	88
50) Acenaphthylene	14.215	152	417950	4.656	ng/ul	99
51) 3-Nitroaniline	14.380	138	44146	3.810	ng/ul#	95
52) Acenaphthene	14.557	153	268218	4.618	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	24511	5.112	ng/ul	91
55) 4-Nitrophenol	14.674	109	55695	6.017	ng/ul	91
56) Dibenzofuran	14.892	168	393814	4.709	ng/ul	98
57) 2,4-Dinitrotoluene	14.839	165	57354	3.594	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.115	232	61114	3.951	ng/ul	98
59) Diethylphthalate	15.309	149	275864	4.483	ng/ul	99
61) Fluorene	15.539	166	319575	4.601	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.533	204	160126	4.510	ng/ul	96
63) 4-Nitroaniline	15.533	138	47048	4.108	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.598	198	29474	3.162	ng/ul#	92
67) N-Nitrosodiphenylamine	15.739	169	256970	4.361	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	86521	4.144	ng/ul	99
69) Hexachlorobenzene	16.539	284	110946	4.424	ng/ul	97
70) Atrazine	16.686	200	131759	6.538	ng/ul	97
71) Pentachlorophenol	16.874	266	84765	5.948	ng/ul	98
72) Phenanthrene	17.268	178	498752	4.570	ng/ul	99
74) Anthracene	17.356	178	492370	4.458	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	134958	4.158	ng/uL	98
76) Pentachlorobenzene	14.815	250	135935	4.448	ng/uL	98
77) Carbazole	17.621	167	428453	4.434	ng/ul	98
78) Di-n-butylphthalate	18.197	149	409999	4.202	ng/ul	99
80) Fluoranthene	19.274	202	516290	4.183	ng/ul	99
82) Pyrene	19.633	202	605221	4.520	ng/ul	98
83) Butylbenzylphthalate	20.533	149	137067	3.630	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	161156	4.425	ng/ul	98
85) Benzo(a)anthracene	21.433	228	591285	4.512	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	237960	4.027	ng/ul	98
87) Chrysene	21.491	228	565795	4.568	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	344762	3.284	ng/ul	100
90) Benzo(b)fluoranthene	23.527	252	533118	4.213	ng/ul	98
91) Benzo(k)fluoranthene	23.591	252	545227	4.229	ng/ul	98
93) Benzo(a)pyrene	24.344	252	529859	4.372	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.915	276	655149	4.373	ng/ul	100
95) Dibenzo(a,h)anthracene	27.979	278	537786	4.322	ng/ul	97
96) Benzo(g,h,i)perylene	28.985	276	542616	4.503	ng/ul	98

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



#2
1,4-Dioxane
Concen: 1.601 ng/uL m
RT: 3.340 min Scan# 60
Delta R.T. -0.000 min
Lab File: BM050331.D
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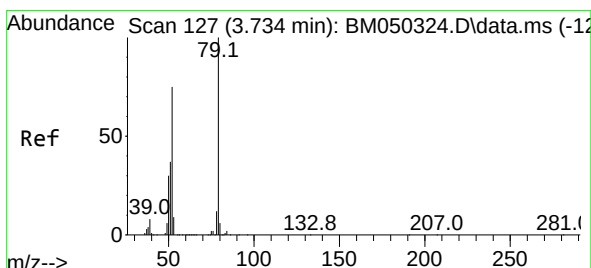
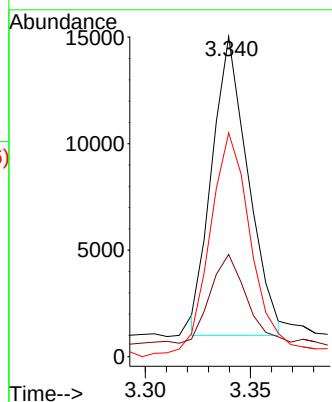
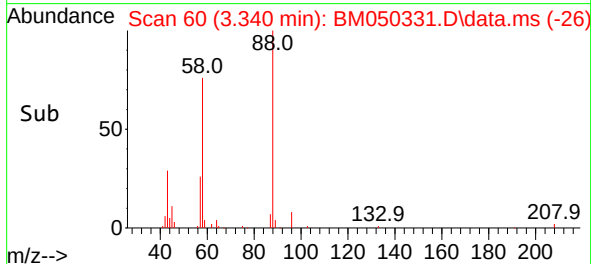
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 88 Resp: 1668
Ion Ratio Lower Upper
88 100
43 31.9 28.2 42.2
58 69.9 64.6 97.0

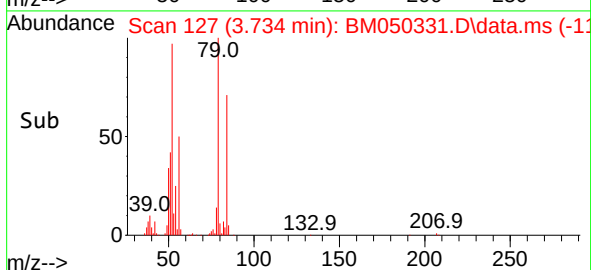
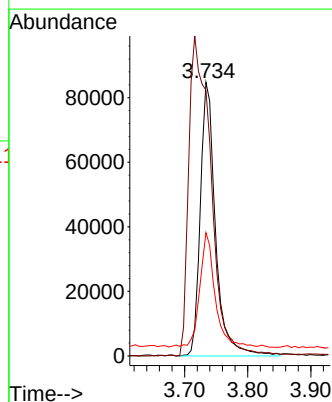
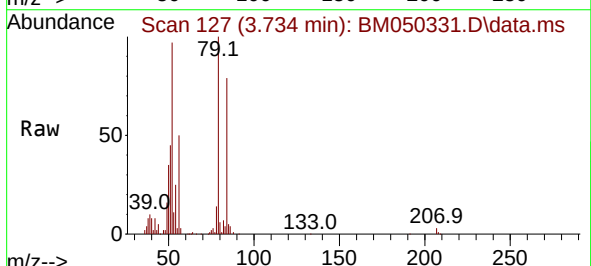
Manual Integrations
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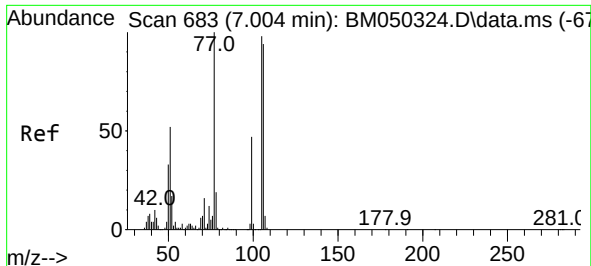
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#5
Pyridine
Concen: 5.018 ng/uL
RT: 3.734 min Scan# 127
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

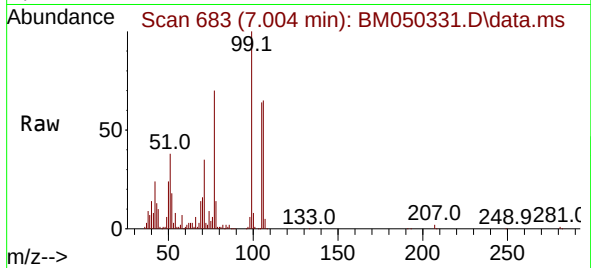
Tgt Ion: 79 Resp: 142268
Ion Ratio Lower Upper
79 100
52 97.1 63.8 95.8
51 45.0 30.2 45.2





#6
Benzaldehyde
Concen: 5.996 ng/ul
RT: 7.004 min Scan# 683
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

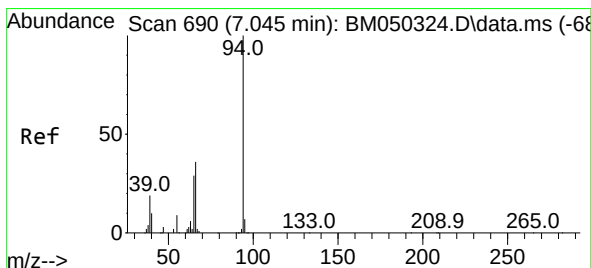
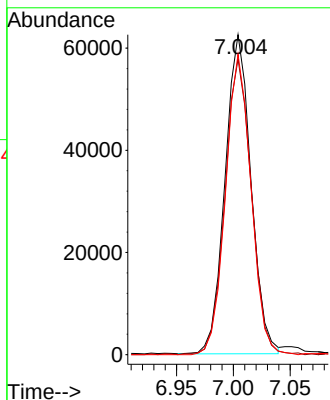
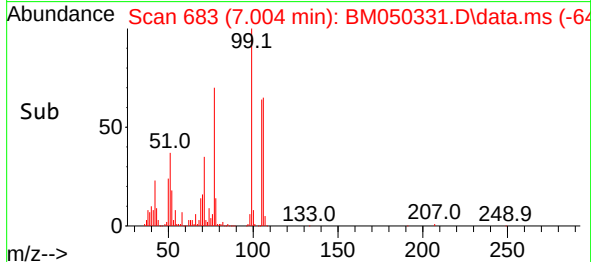
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion: 77 Resp: 99364
Ion Ratio Lower Upper
77 100
105 92.3 78.9 118.3
106 93.9 74.9 112.3

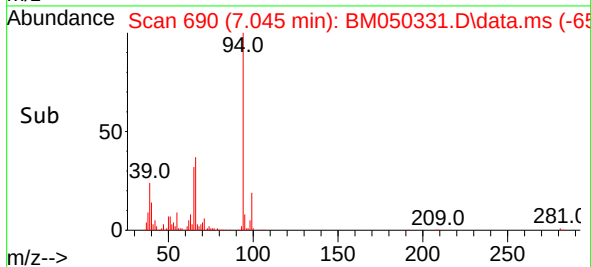
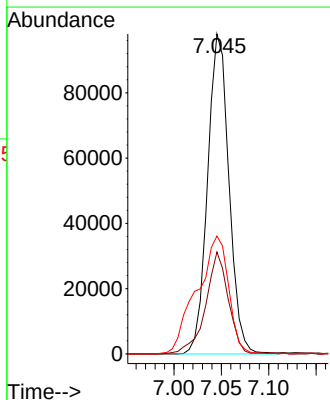
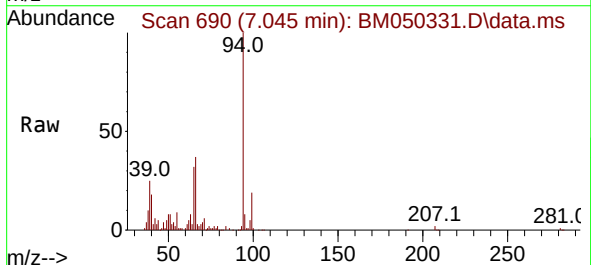
Manual Integrations
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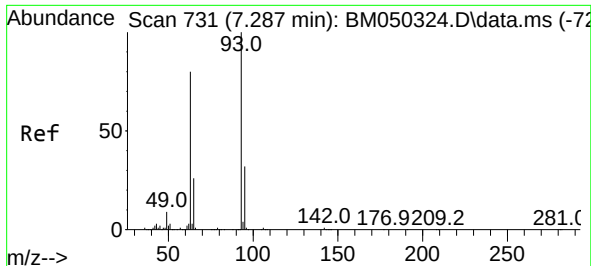
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#8
Phenol
Concen: 4.904 ng/ul
RT: 7.045 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

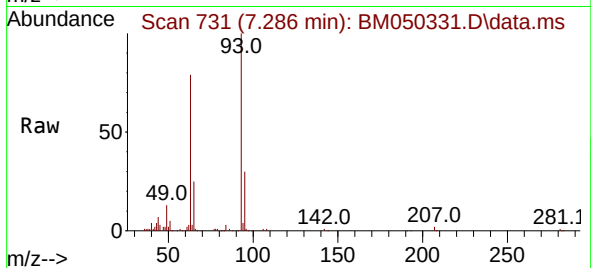
Tgt Ion: 94 Resp: 154355
Ion Ratio Lower Upper
94 100
65 31.9 23.8 35.6
66 36.8 29.7 44.5





#10
Bis(2-Chloroethyl)ether
Concen: 4.953 ng/ul
RT: 7.286 min Scan# 731
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

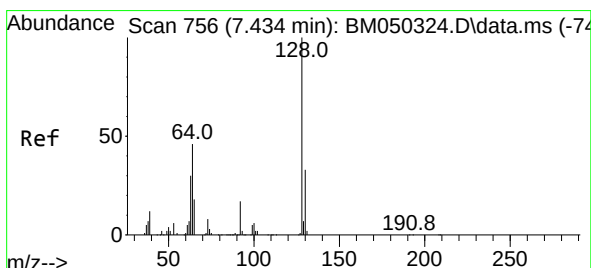
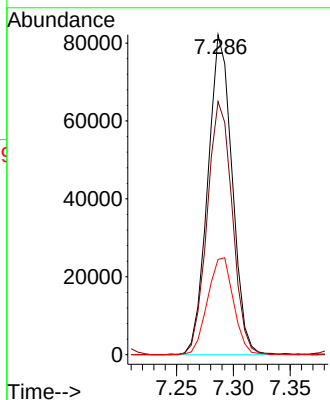
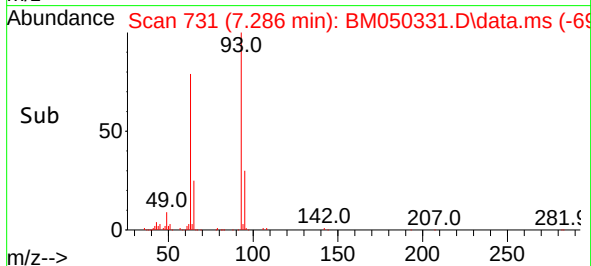
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion: 93 Resp: 122463
Ion Ratio Lower Upper
93 100
63 79.1 63.8 95.6
95 29.7 25.4 38.2

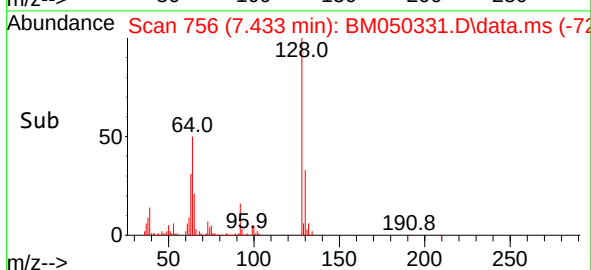
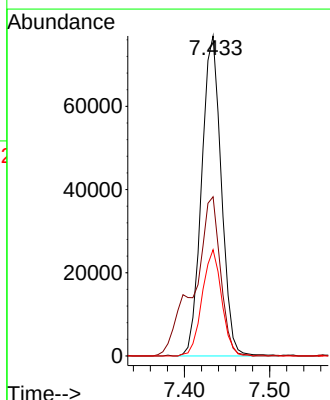
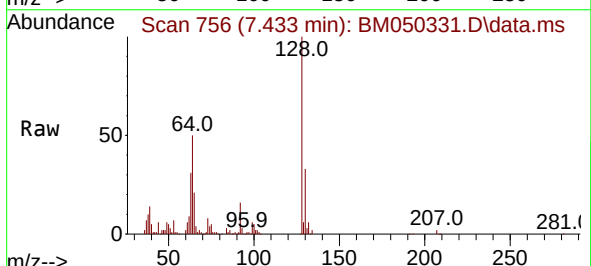
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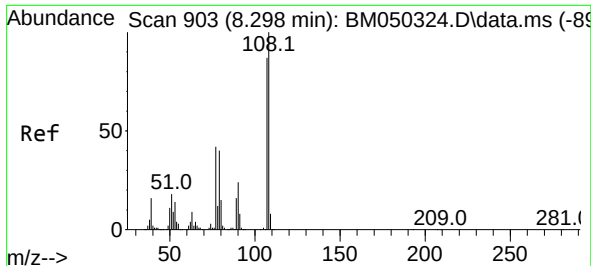
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#12
2-Chlorophenol
Concen: 4.801 ng/ul
RT: 7.433 min Scan# 756
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

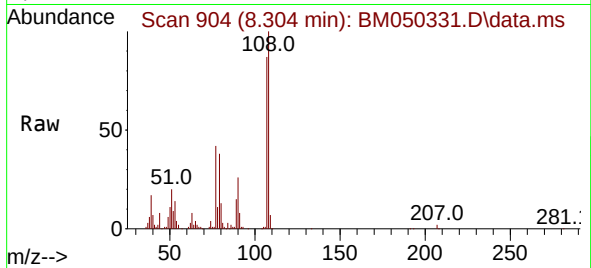
Tgt Ion:128 Resp: 123213
Ion Ratio Lower Upper
128 100
64 49.8 38.4 57.6
130 33.2 26.3 39.5





#13
2-Methylphenol
Concen: 4.559 ng/ul
RT: 8.304 min Scan# 903
Delta R.T. 0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

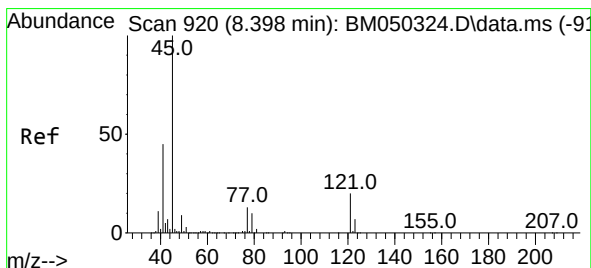
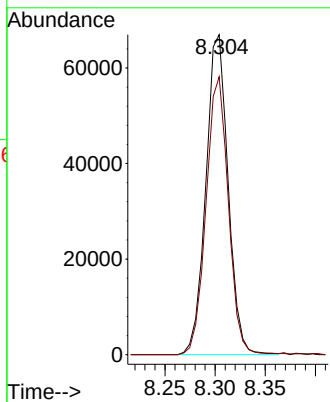
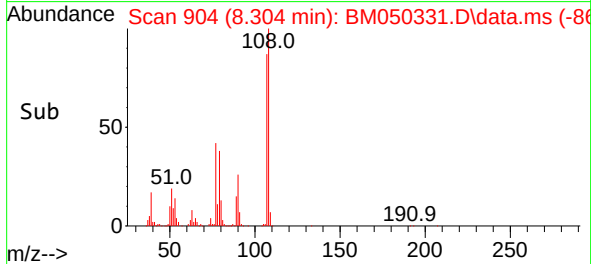
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Tgt Ion:108 Resp: 103529
Ion Ratio Lower Upper
108 100
107 86.8 69.2 103.8

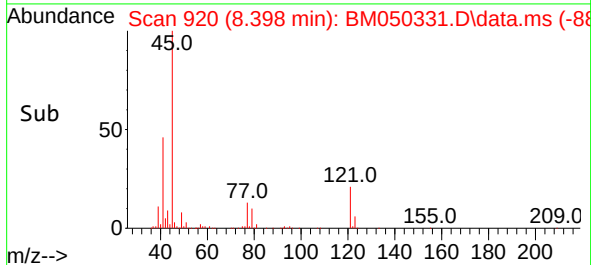
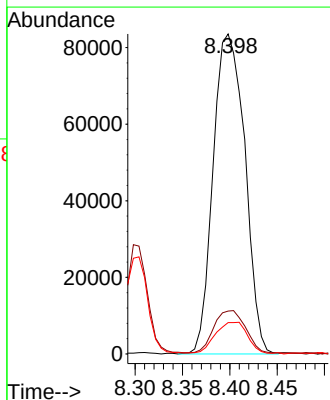
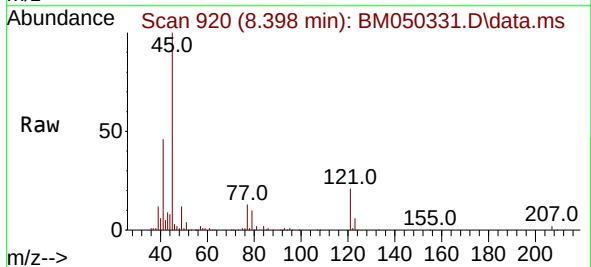
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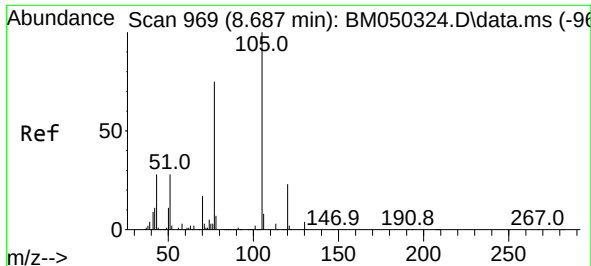
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#14
2,2'-oxybis(1-Chloropropane)
Concen: 5.040 ng/ul
RT: 8.398 min Scan# 920
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

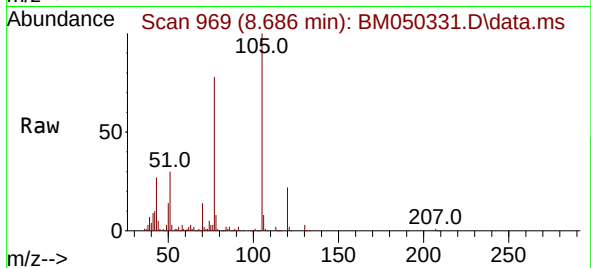
Tgt Ion: 45 Resp: 194626
Ion Ratio Lower Upper
45 100
77 13.4 10.3 15.5
79 9.8 7.8 11.8





#16
Acetophenone
Concen: 5.002 ng/ul
RT: 8.686 min Scan# 969
Delta R.T. -0.000 min
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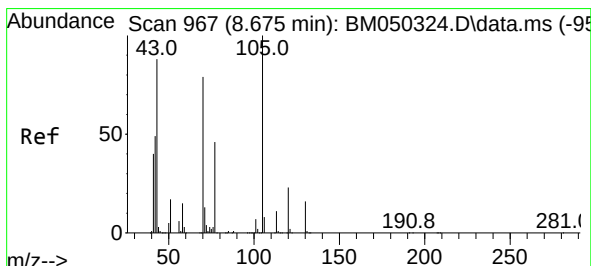
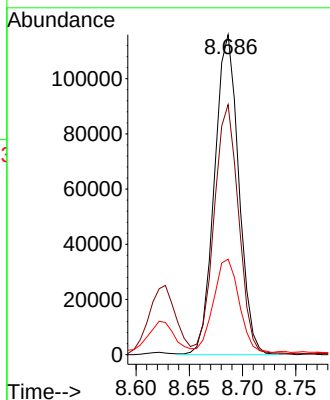
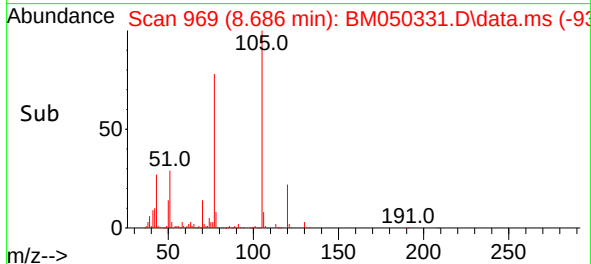
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ClientSampleId :
MDL-SOIL-QT2-2025-03



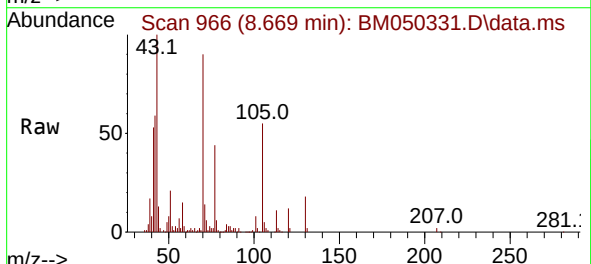
Tgt Ion: 105 Resp: 183502
Ion Ratio Lower Upper
105 100
77 78.2 63.8 95.6
51 29.9 24.3 36.5

Manual Integrations
APPROVED

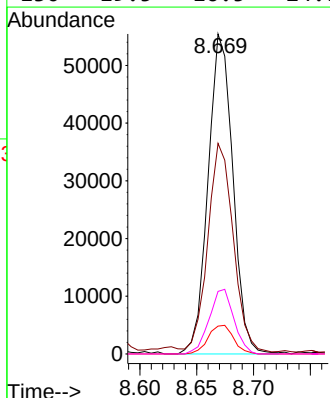
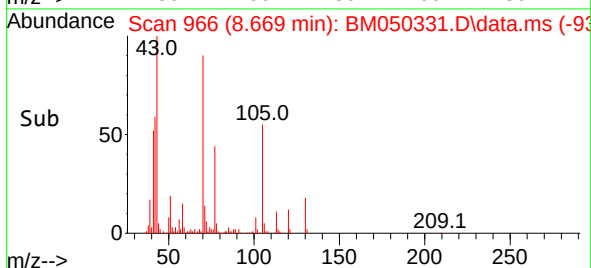
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

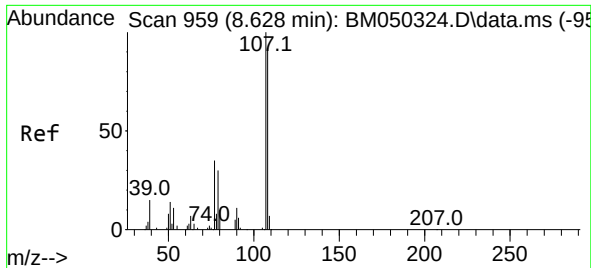


#17
N-Nitroso-di-n-propylamine
Concen: 4.425 ng/ul
RT: 8.669 min Scan# 966
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



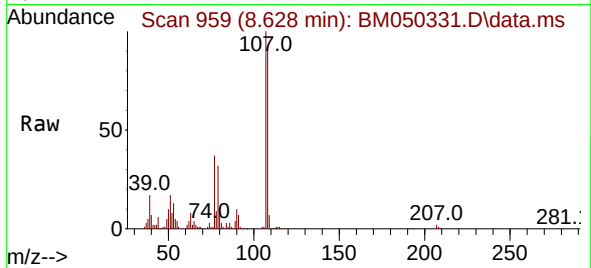
Tgt Ion: 70 Resp: 84218
Ion Ratio Lower Upper
70 100
42 65.8 50.8 76.2
101 8.7 7.4 11.0
130 19.5 16.5 24.7





#18
4-Methylphenol
Concen: 4.717 ng/ul
RT: 8.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

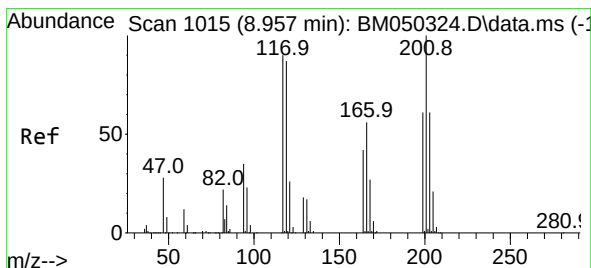
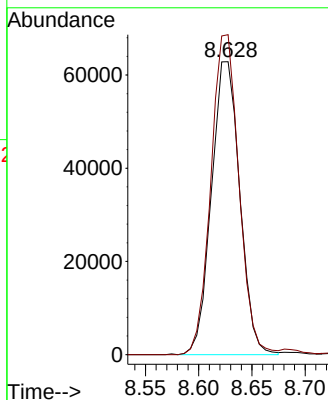
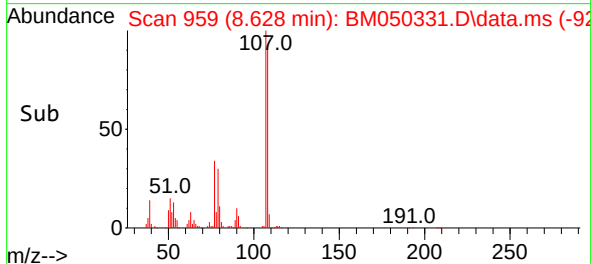
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



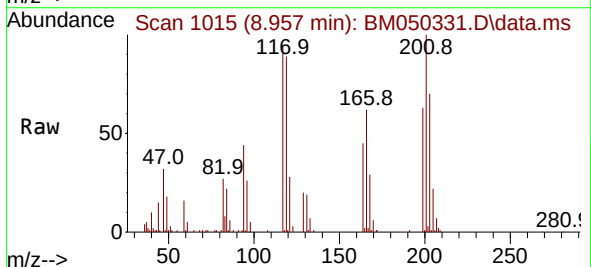
Tgt Ion:108 Resp: 116378
Ion Ratio Lower Upper
108 100
107 109.3 86.7 130.1

Manual Integrations
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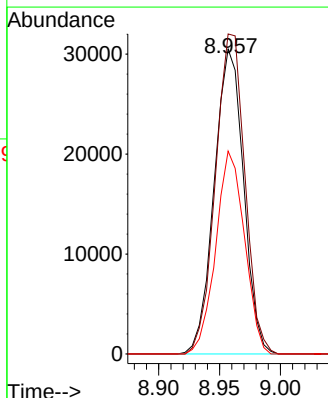
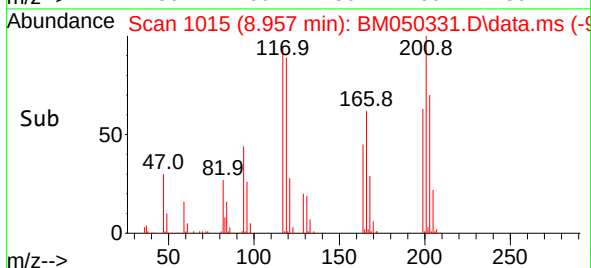
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

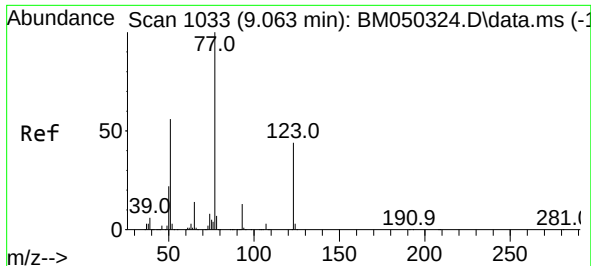


#19
Hexachloroethane
Concen: 4.829 ng/ul
RT: 8.957 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



Tgt Ion:117 Resp: 51094
Ion Ratio Lower Upper
117 100
201 105.0 88.7 133.1
199 66.5 54.0 81.0





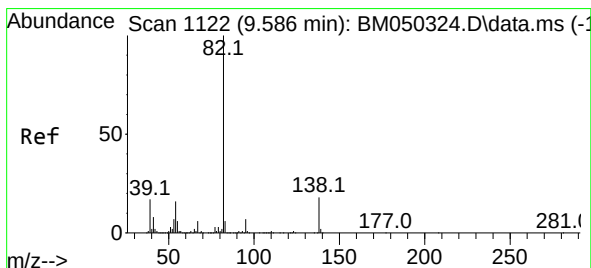
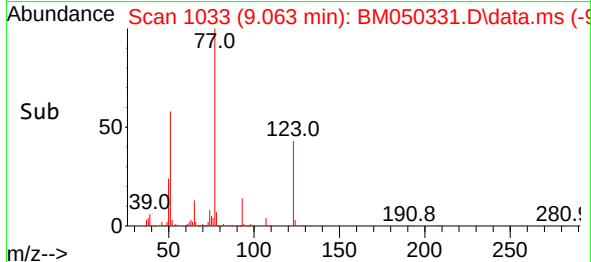
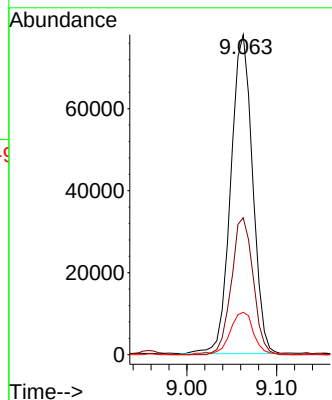
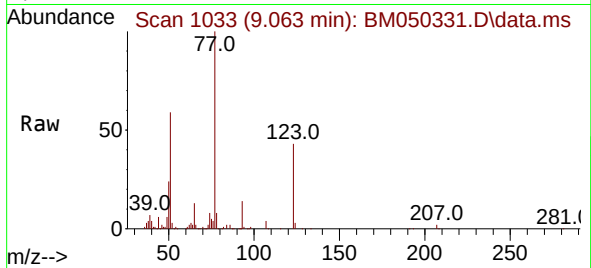
#22
Nitrobenzene
Concen: 4.767 ng/ul
RT: 9.063 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion: 77 Resp: 131362
Ion Ratio Lower Upper
77 100
123 42.8 35.2 52.8
65 13.3 11.1 16.7

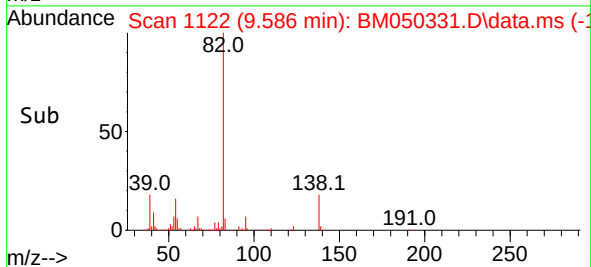
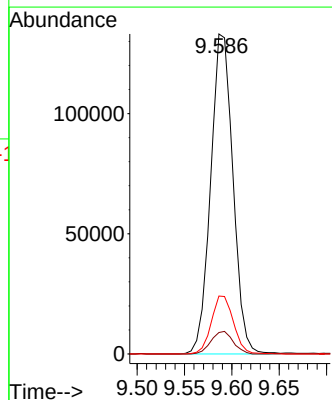
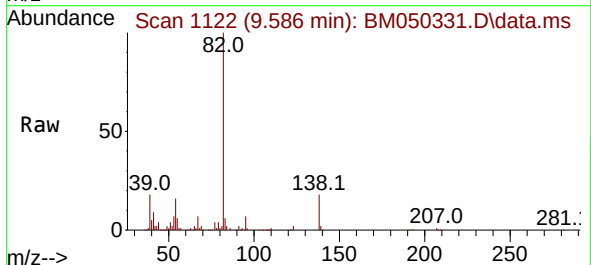
Manual Integrations
APPROVED

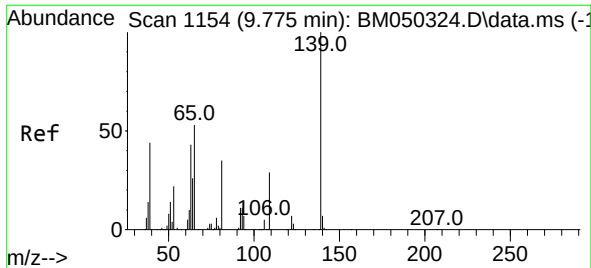
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#23
Isophorone
Concen: 4.331 ng/ul
RT: 9.586 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

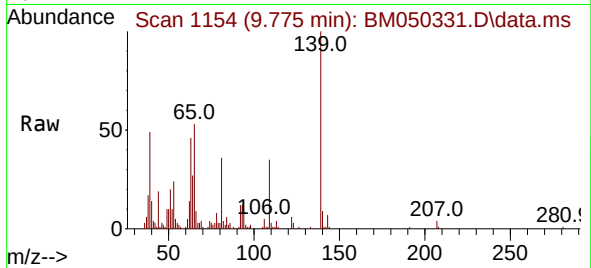
Tgt Ion: 82 Resp: 217927
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.2
138 18.1 14.2 21.2





#25
2-Nitrophenol
Concen: 4.314 ng/ul
RT: 9.775 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

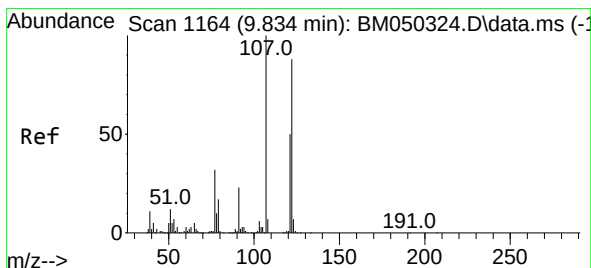
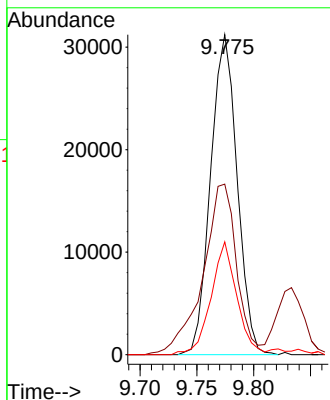
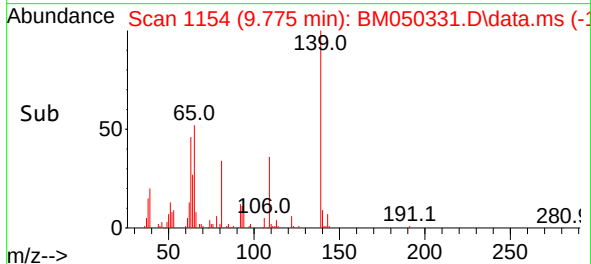
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2025-03



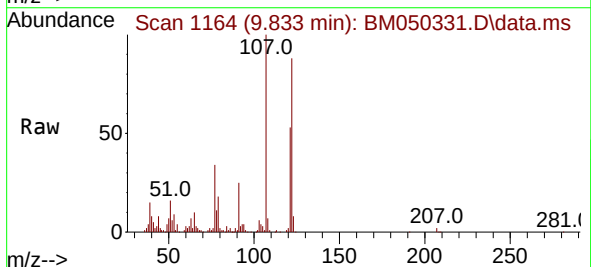
Tgt Ion:139 Resp: 50784
Ion Ratio Lower Upper
139 100
65 53.3 43.5 65.3
109 35.2 23.3 34.9

Manual Integrations
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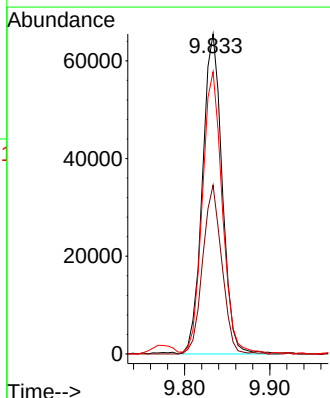
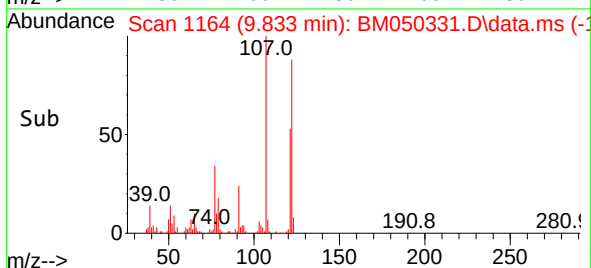
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

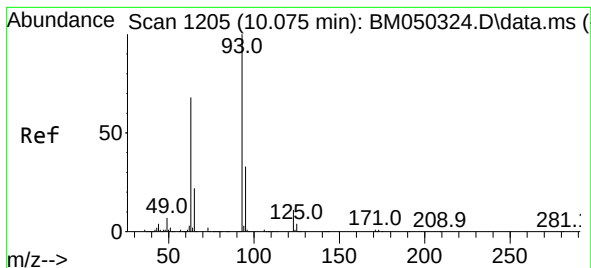


#26
2,4-Dimethylphenol
Concen: 4.004 ng/ul
RT: 9.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



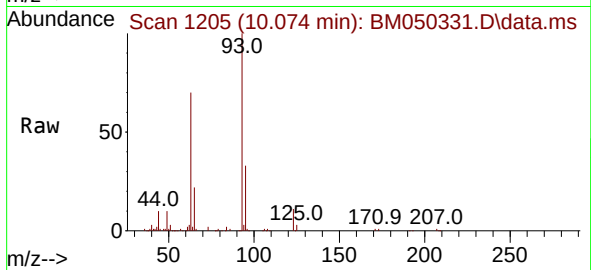
Tgt Ion:107 Resp: 105500
Ion Ratio Lower Upper
107 100
121 52.8 39.6 59.4
122 88.2 70.8 106.2





#27
 Bis(2-Chloroethoxy)methane
 Concen: 4.615 ng/ul
 RT: 10.074 min Scan# 1205
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36

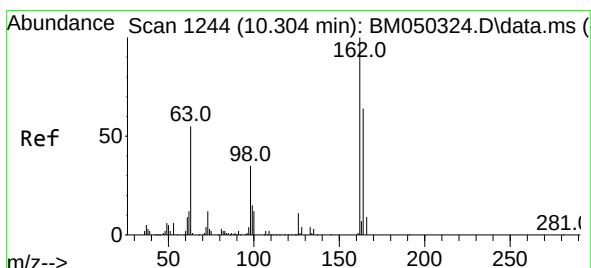
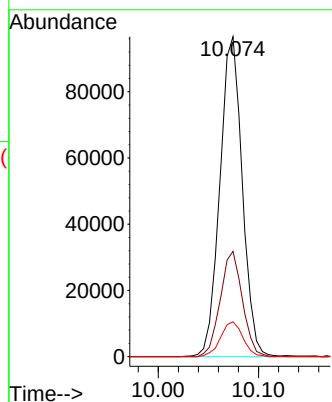
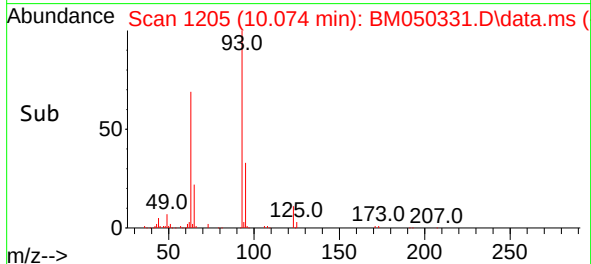
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2025-03



Tgt Ion: 93 Resp: 14980
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.0 39.0
 123 10.9 9.1 13.7

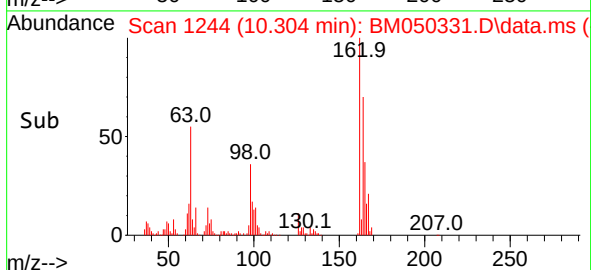
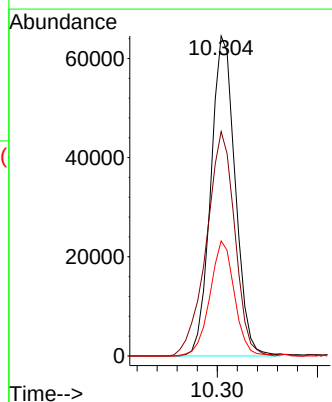
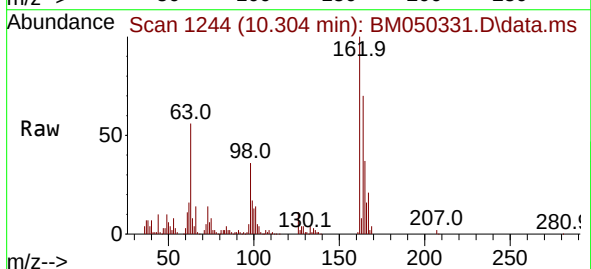
Manual Integrations
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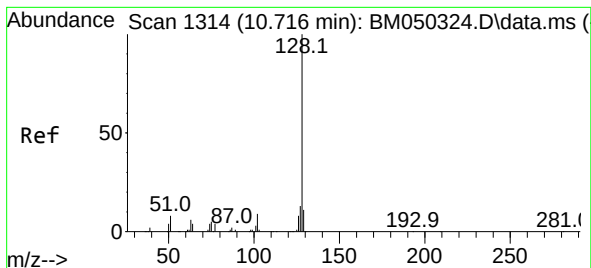
Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025



#29
 2,4-Dichlorophenol
 Concen: 4.537 ng/ul
 RT: 10.304 min Scan# 1244
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36

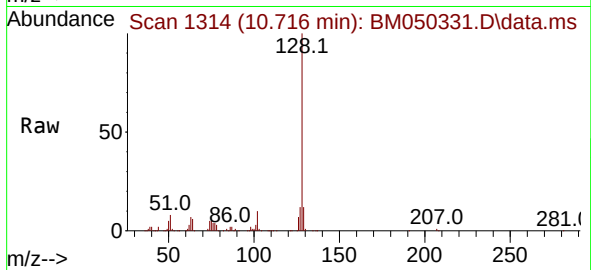
Tgt Ion:162 Resp: 109089
 Ion Ratio Lower Upper
 162 100
 164 70.1 52.0 78.0
 98 35.9 28.0 42.0





#30
Naphthalene
Concen: 4.774 ng/ul
RT: 10.716 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

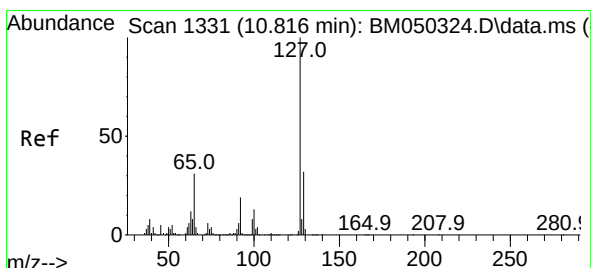
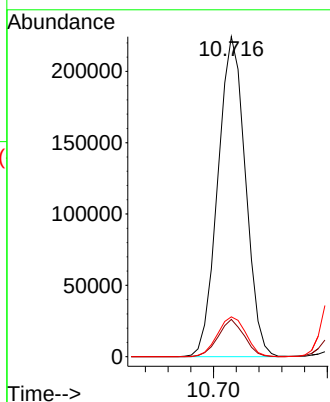
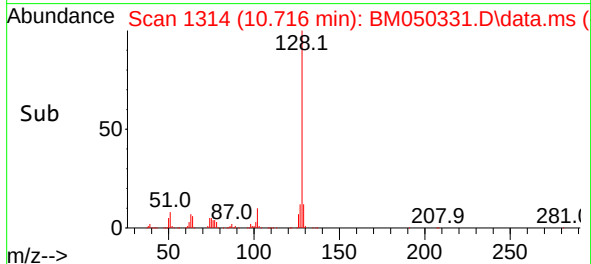
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:128 Resp: 37854
Ion Ratio Lower Upper
128 100
129 11.7 8.6 13.0
127 12.5 10.3 15.5

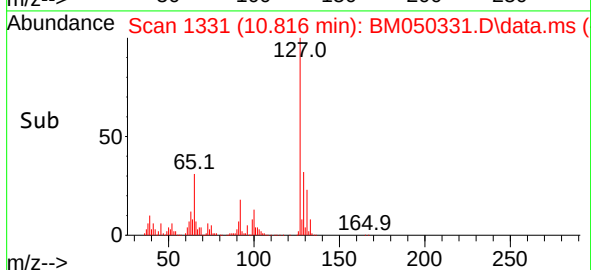
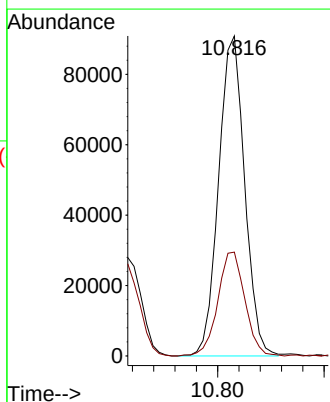
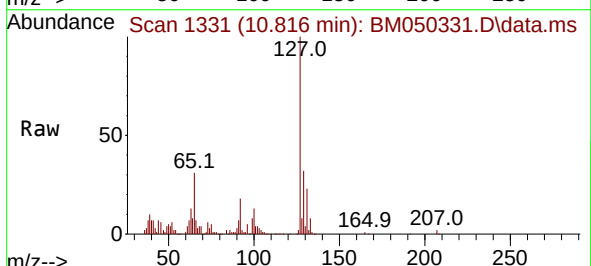
Manual Integrations
APPROVED

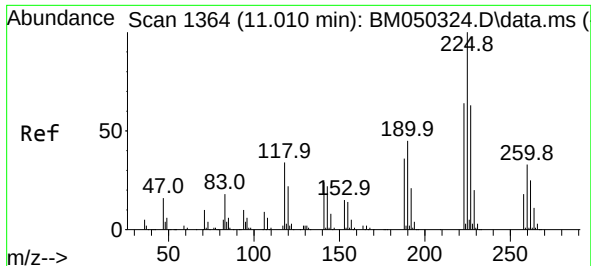
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#32
4-Chloroaniline
Concen: 4.746 ng/ul
RT: 10.816 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

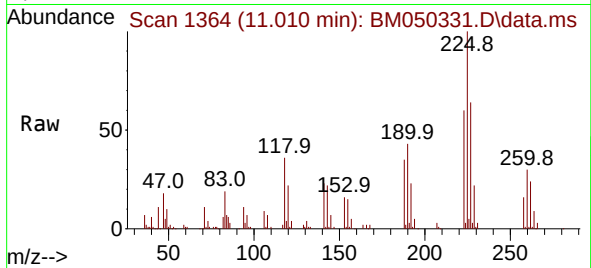
Tgt Ion:127 Resp: 154094
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5





#33
Hexachlorobutadiene
Concen: 4.655 ng/ul
RT: 11.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

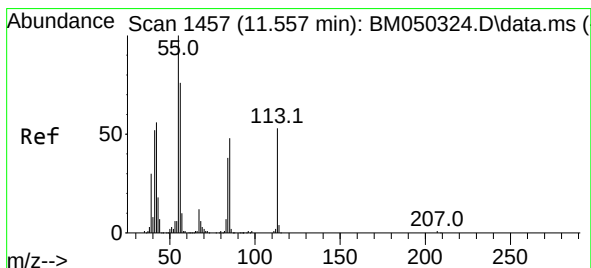
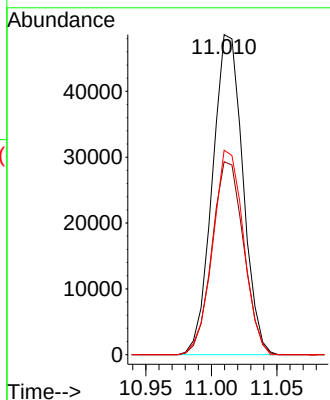
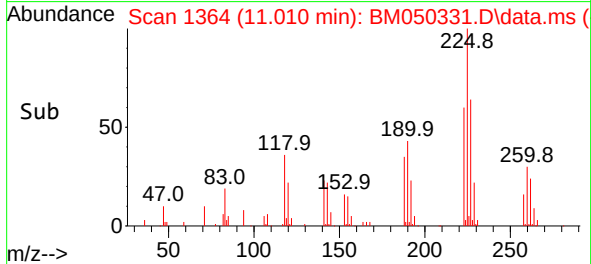
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:225 Resp: 7859
Ion Ratio Lower Upper
225 100
223 57.7 51.0 76.6
227 61.1 50.1 75.1

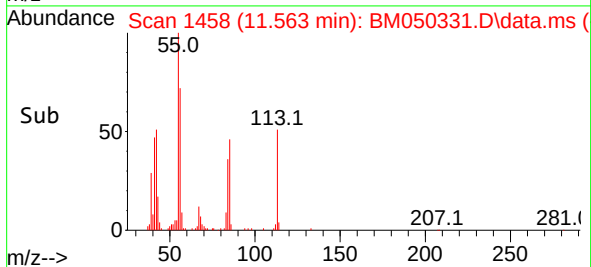
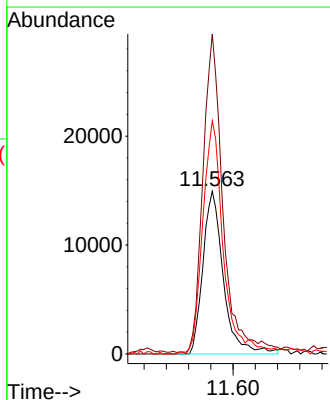
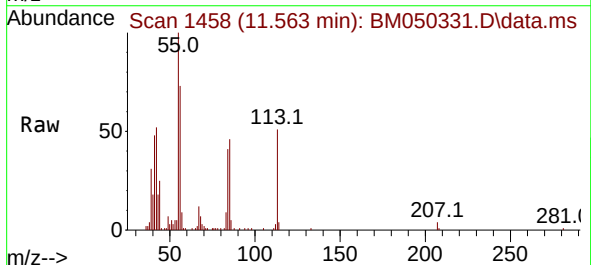
Manual Integrations
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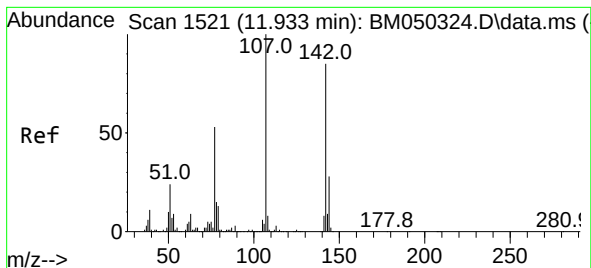
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#34
Caprolactam
Concen: 5.448 ng/ul m
RT: 11.563 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

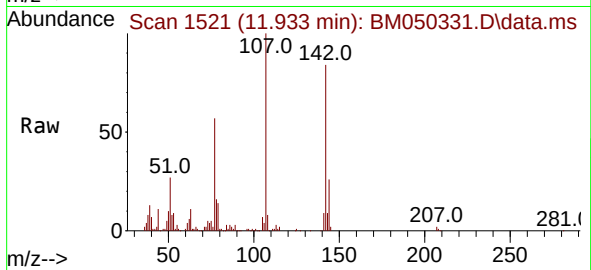
Tgt Ion:113 Resp: 38103
Ion Ratio Lower Upper
113 100
55 196.7 149.6 224.4
56 143.3 113.6 170.4





#35
4-Chloro-3-methylphenol
Concen: 4.227 ng/ul
RT: 11.933 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

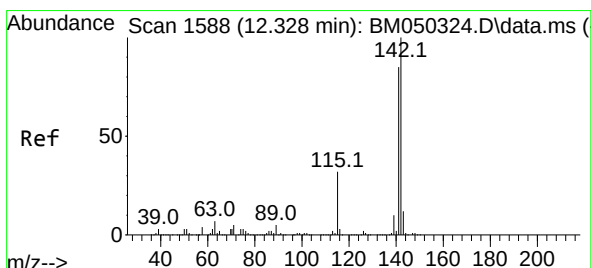
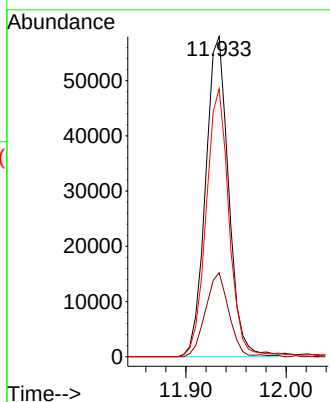
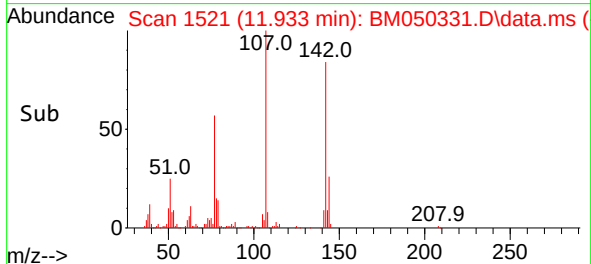
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:107 Resp: 9293
Ion Ratio Lower Upper
107 100
144 26.2 22.0 33.0
142 83.7 67.7 101.5

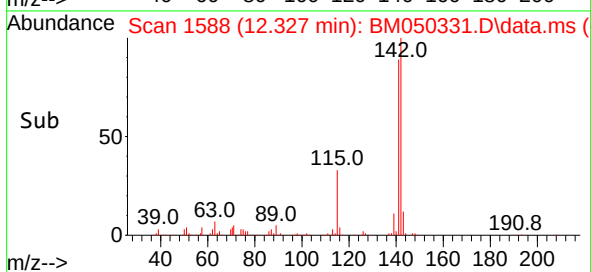
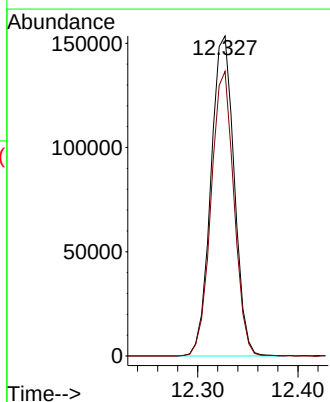
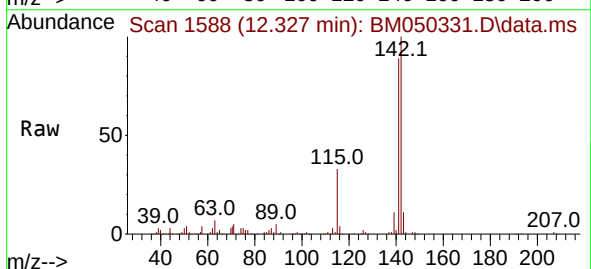
Manual Integrations
APPROVED

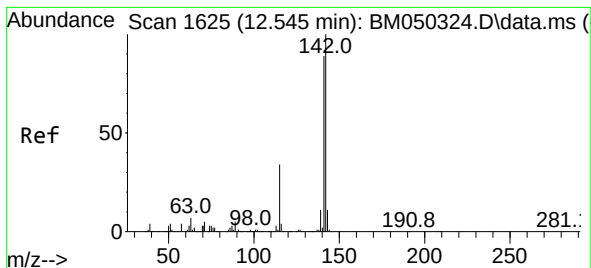
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#36
2-Methylnaphthalene
Concen: 4.492 ng/ul
RT: 12.327 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

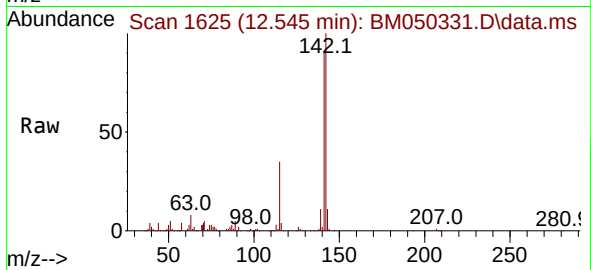
Tgt Ion:142 Resp: 247717
Ion Ratio Lower Upper
142 100
141 89.0 67.9 101.9





#37
1-Methylnaphthalene
Concen: 4.456 ng/ul
RT: 12.545 min Scan# 1625
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

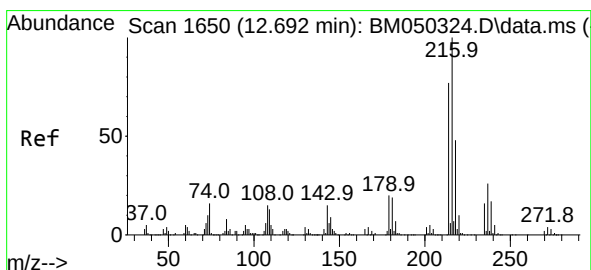
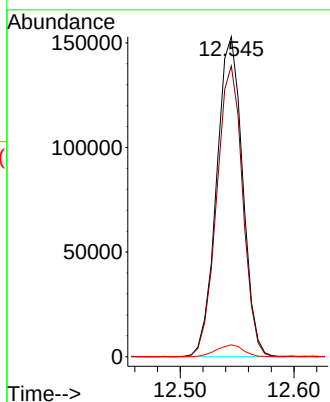
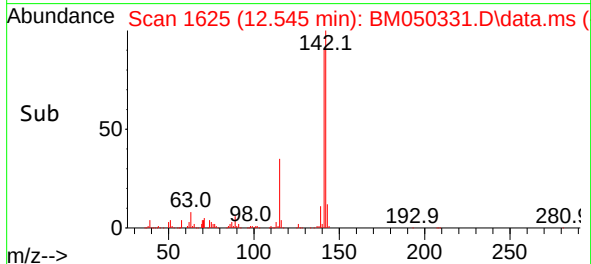
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:142 Resp: 24331
Ion Ratio Lower Upper
142 100
141 90.8 71.0 106.4
116 3.7 2.8 4.2

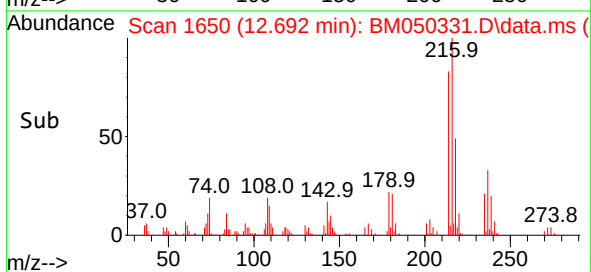
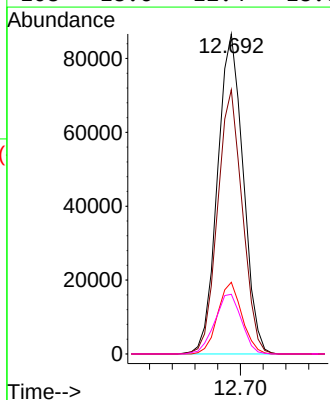
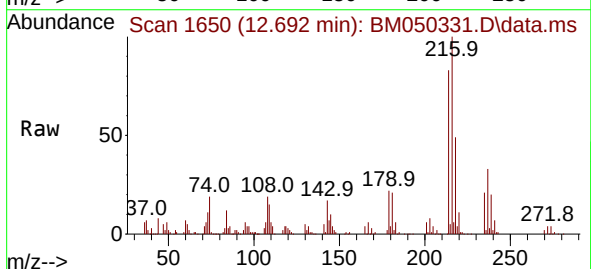
Manual Integrations
APPROVED

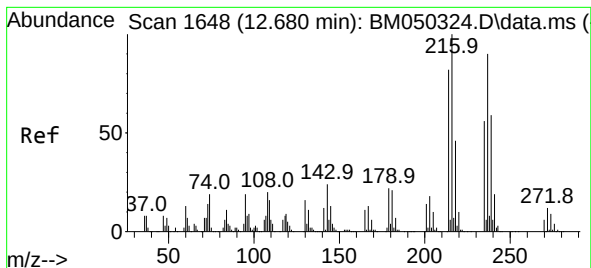
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#39
1,2,4,5-Tetrachlorobenzene
Concen: 4.329 ng/ul
RT: 12.692 min Scan# 1650
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Tgt Ion:216 Resp: 136067
Ion Ratio Lower Upper
216 100
214 82.5 61.4 92.2
179 22.4 16.2 24.2
108 18.6 12.4 18.6#





#40

Hexachlorocyclopentadiene

Concen: 5.070 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM050331.D

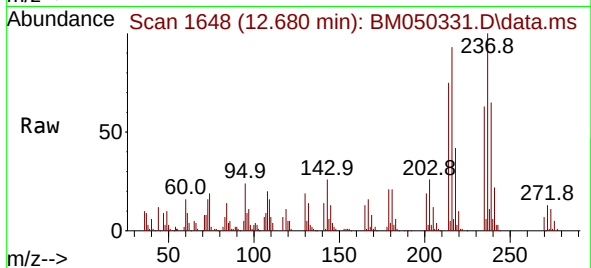
Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03



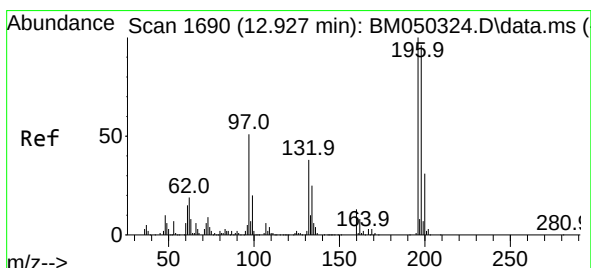
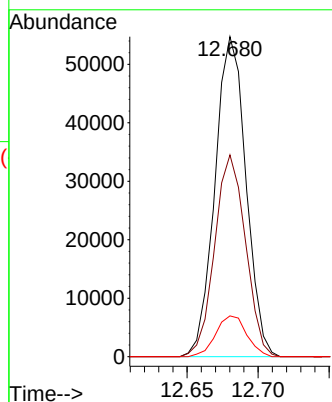
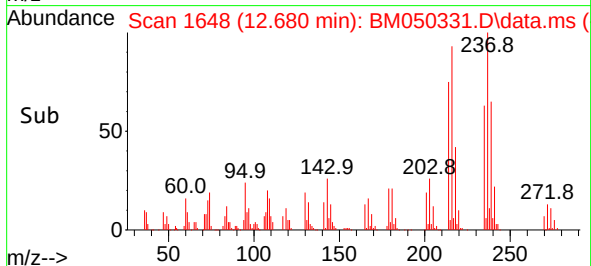
Tgt Ion:	237	Resp:	83089
Ion Ratio	Lower	Upper	
237	100		
235	63.1	49.8	74.8
272	12.8	10.2	15.4

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#41

2,4,6-Trichlorophenol

Concen: 3.921 ng/ul

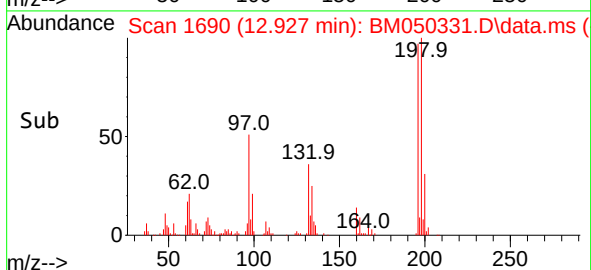
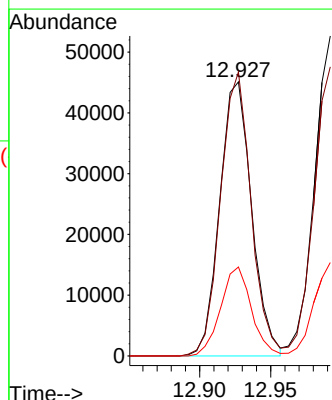
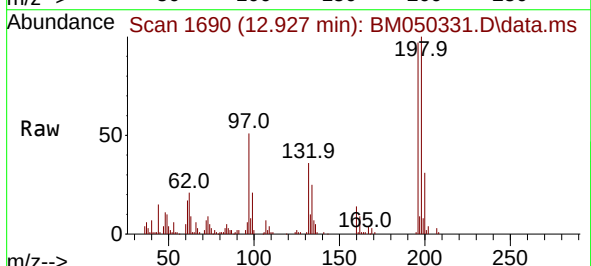
RT: 12.927 min Scan# 1690

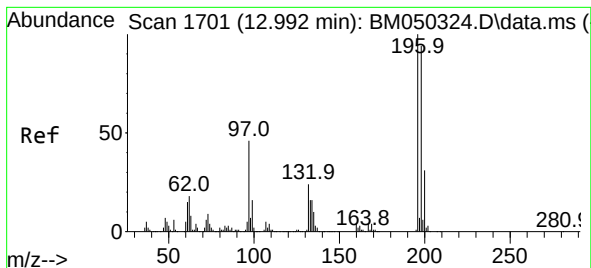
Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

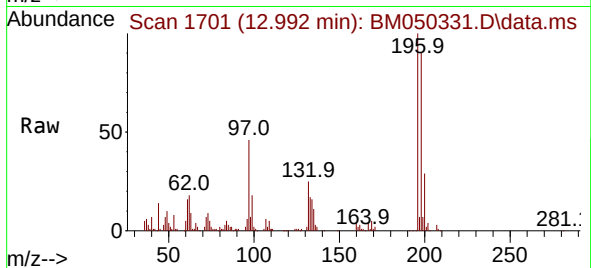
Tgt Ion:	196	Resp:	70637
Ion Ratio	Lower	Upper	
196	100		
198	103.6	76.6	114.8
200	32.4	24.6	37.0





#42
2,4,5-Trichlorophenol
Concen: 3.924 ng/ul
RT: 12.992 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

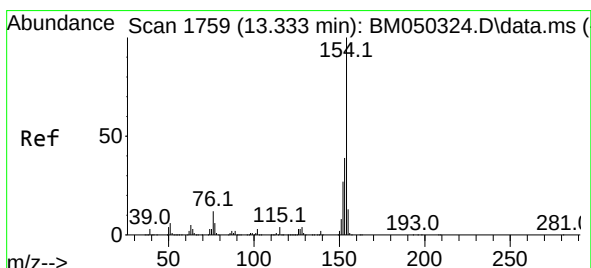
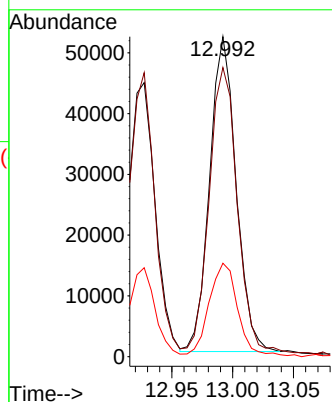
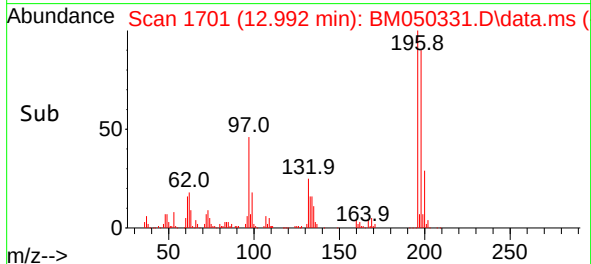
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



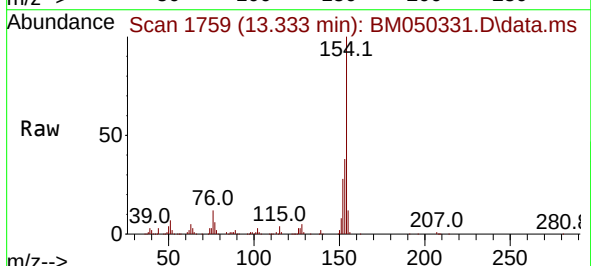
Tgt Ion:196 Resp: 78584
Ion Ratio Lower Upper
196 100
198 90.4 75.0 112.6
200 29.2 24.6 37.0

Manual Integrations
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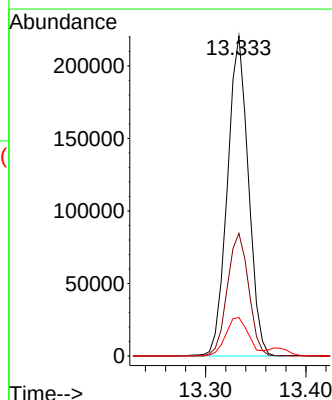
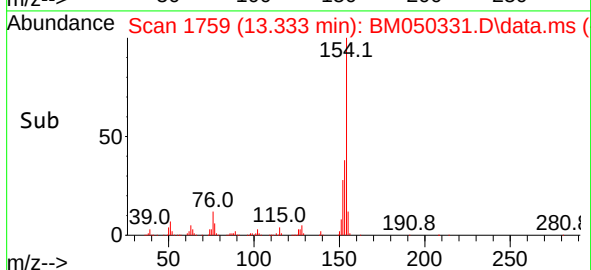
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

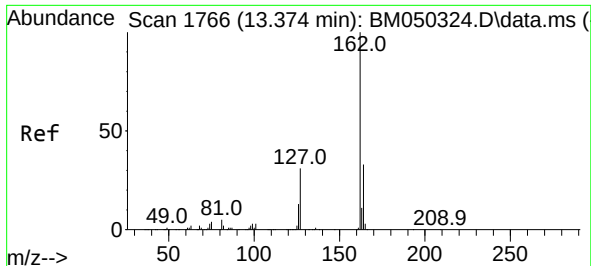


#43
1,1'-Biphenyl
Concen: 4.508 ng/ul
RT: 13.333 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



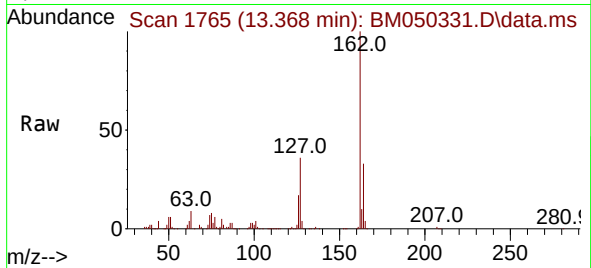
Tgt Ion:154 Resp: 320824
Ion Ratio Lower Upper
154 100
153 38.3 30.9 46.3
76 12.0 9.4 14.0





#44
2-Chloronaphthalene
Concen: 4.532 ng/ul
RT: 13.368 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

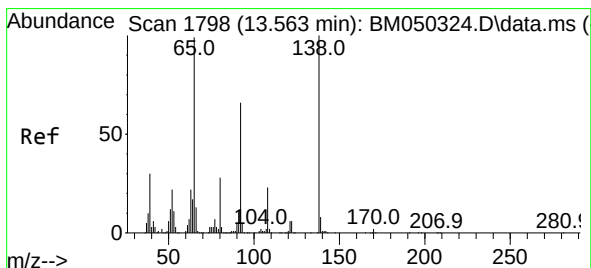
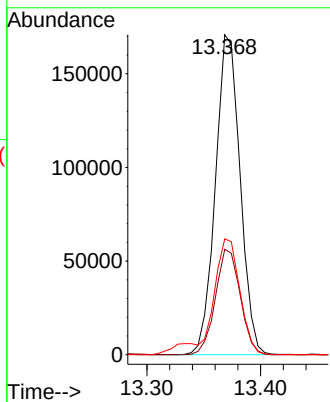
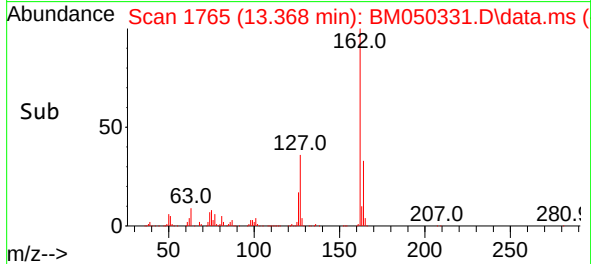
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:162 Resp: 258330
Ion Ratio Lower Upper
162 100
164 32.9 26.4 39.6
127 36.2 27.4 41.2

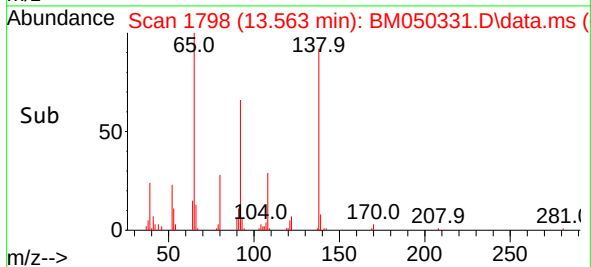
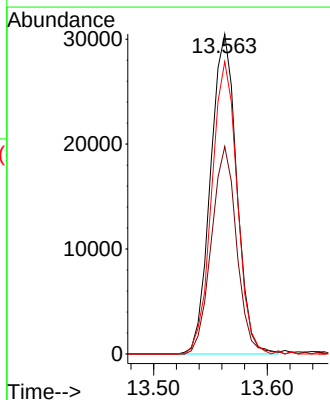
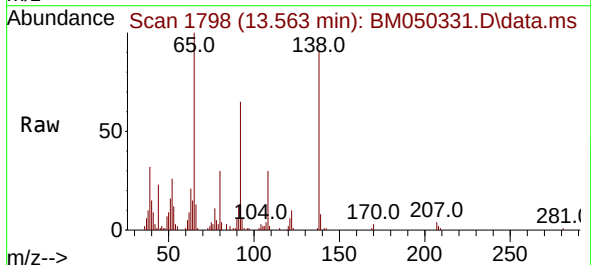
Manual Integrations
APPROVED

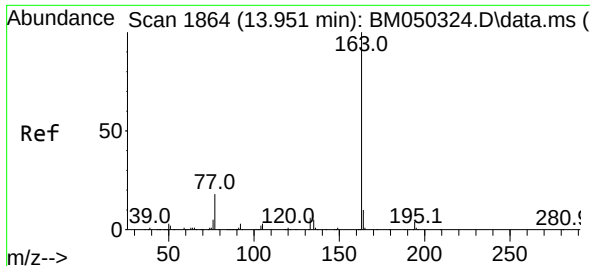
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#45
2-Nitroaniline
Concen: 3.699 ng/ul
RT: 13.563 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

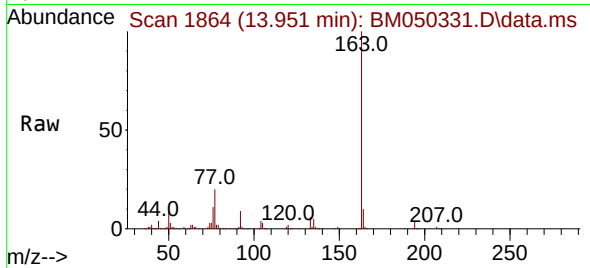
Tgt Ion: 65 Resp: 48684
Ion Ratio Lower Upper
65 100
92 64.8 53.3 79.9
138 91.4 80.5 120.7





#47
Dimethylphthalate
Concen: 4.639 ng/ul
RT: 13.951 min Scan# 1864
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

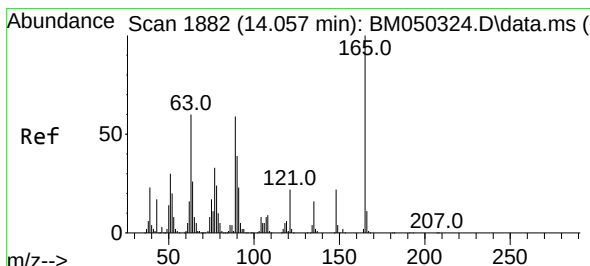
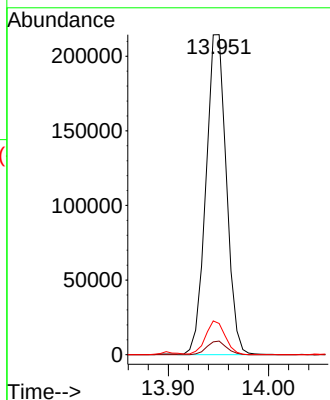
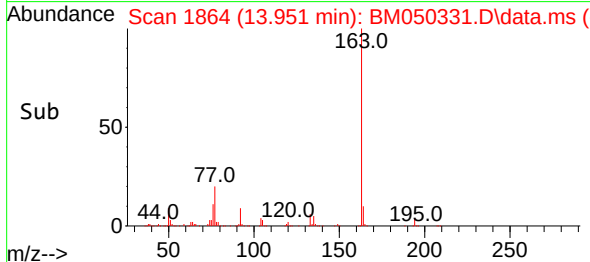
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



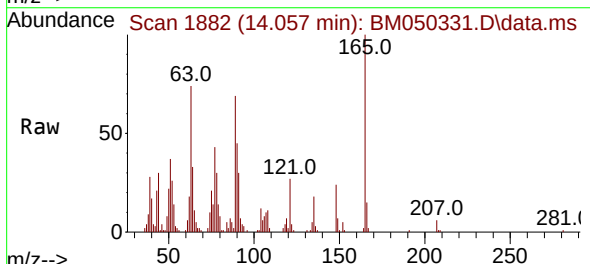
Tgt Ion:163 Resp: 30371
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.3 12.5

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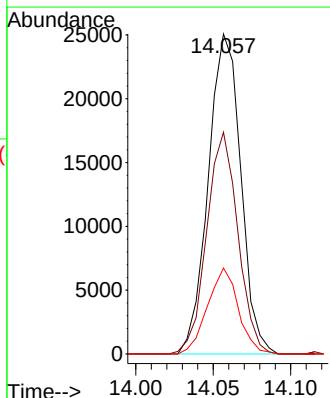
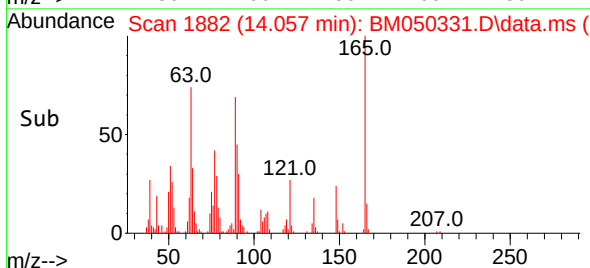
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

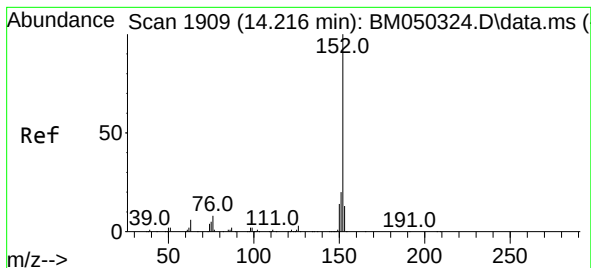


#48
2,6-Dinitrotoluene
Concen: 3.417 ng/ul
RT: 14.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



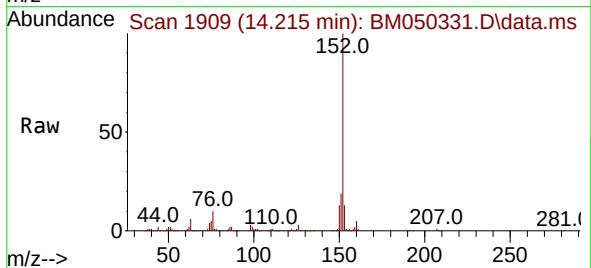
Tgt Ion:165 Resp: 36544
Ion Ratio Lower Upper
165 100
89 69.3 47.4 71.0
121 26.8 17.8 26.8#





#50
Acenaphthylene
Concen: 4.656 ng/ul
RT: 14.215 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

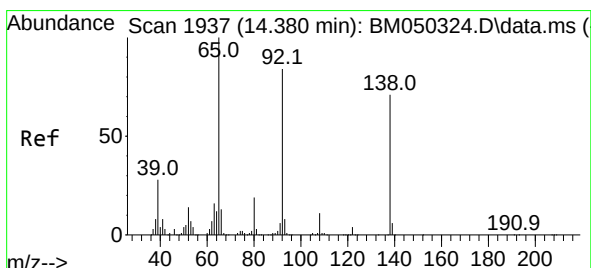
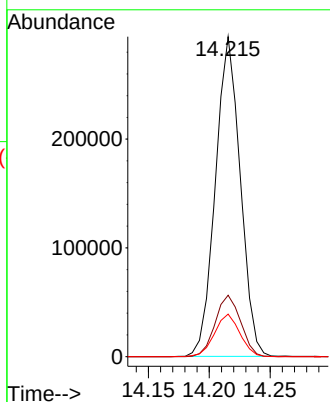
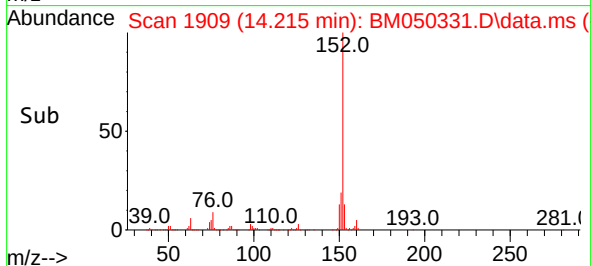
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:152 Resp: 417950
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.3 10.6 16.0

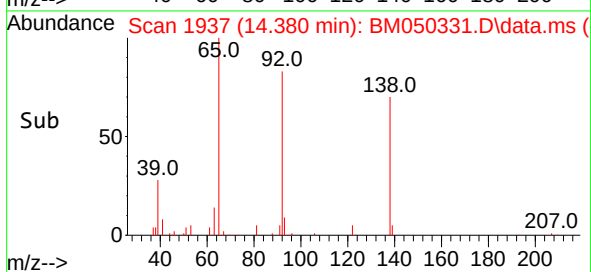
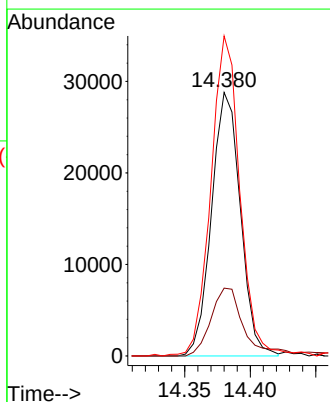
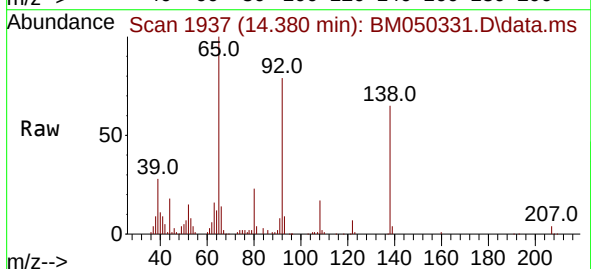
Manual Integrations
APPROVED

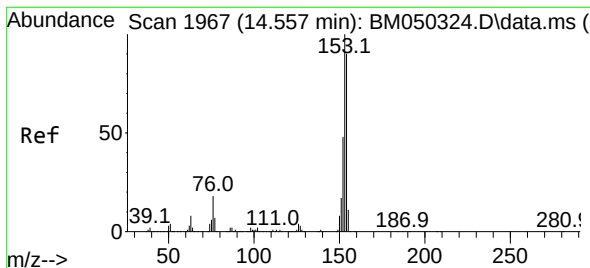
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#51
3-Nitroaniline
Concen: 3.810 ng/ul
RT: 14.380 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

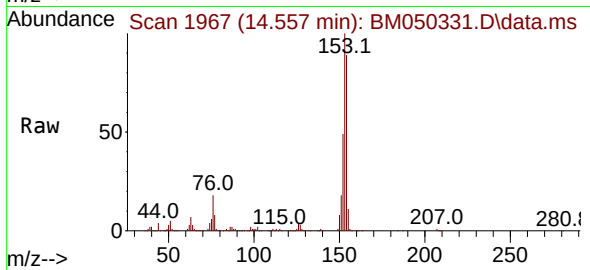
Tgt Ion:138 Resp: 44146
Ion Ratio Lower Upper
138 100
108 25.8 12.2 18.2#
92 121.4 95.4 143.0





#52
Acenaphthene
Concen: 4.618 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

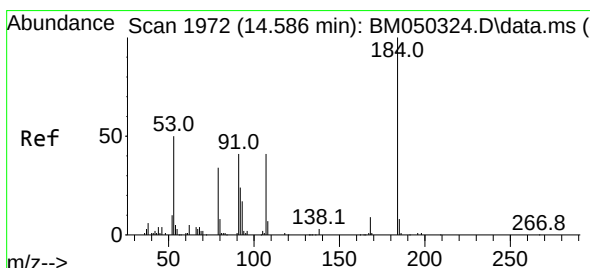
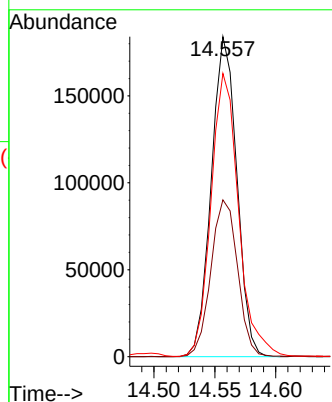
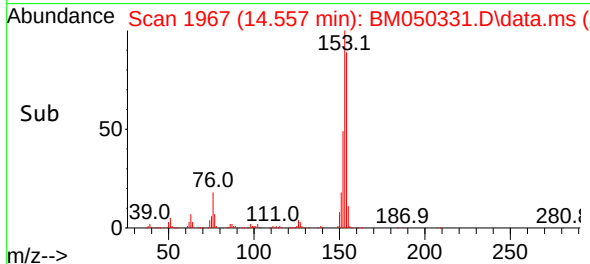
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:153 Resp: 268218
Ion Ratio Lower Upper
153 100
152 49.0 38.2 57.4
154 88.5 72.4 108.6

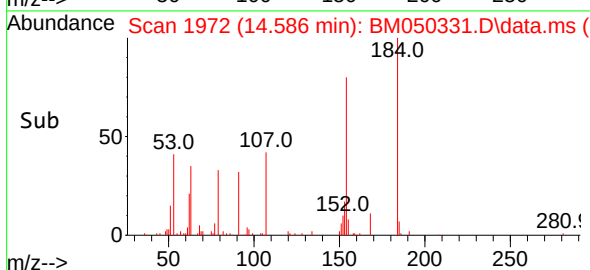
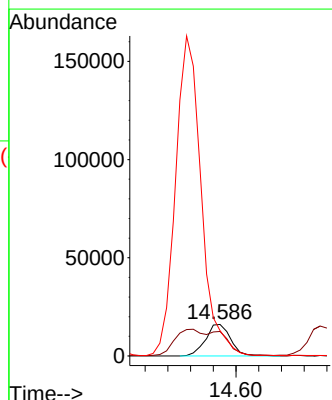
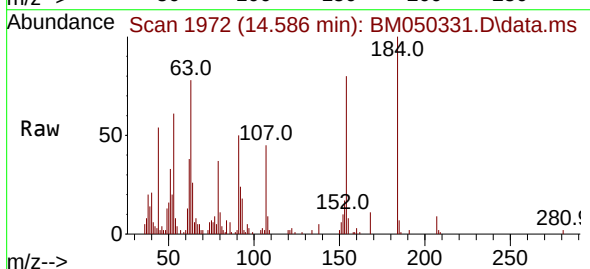
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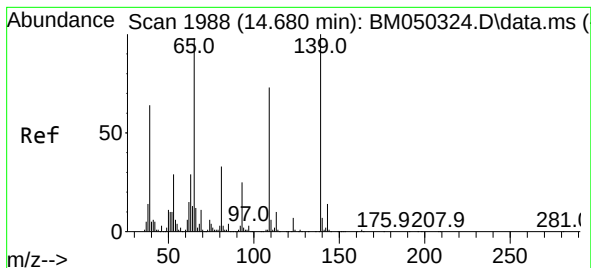
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#53
2,4-Dinitrophenol
Concen: 5.112 ng/ul
RT: 14.586 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

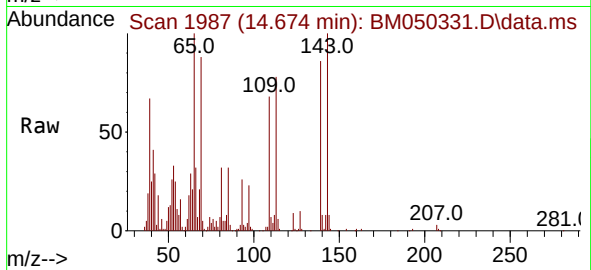
Tgt Ion:184 Resp: 24511
Ion Ratio Lower Upper
184 100
63 77.6 53.9 80.9
154 80.3 59.8 89.8





#55
4-Nitrophenol
Concen: 6.017 ng/ul
RT: 14.674 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

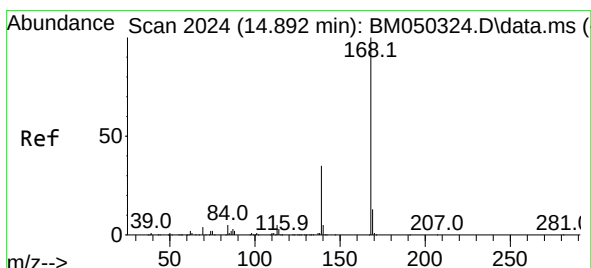
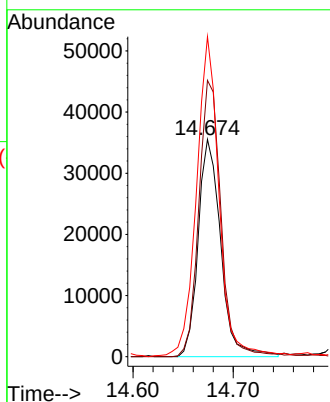
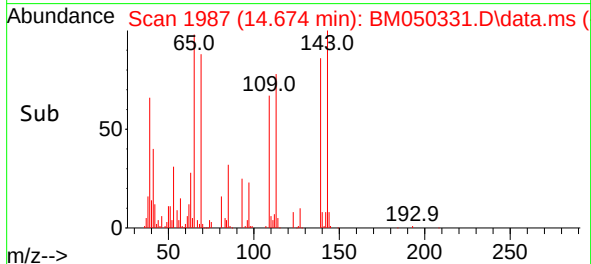
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:109 Resp: 5569
Ion Ratio Lower Upper
109 100
139 127.2 109.1 163.7
65 147.3 107.7 161.5

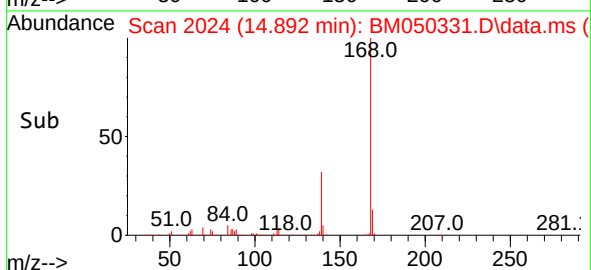
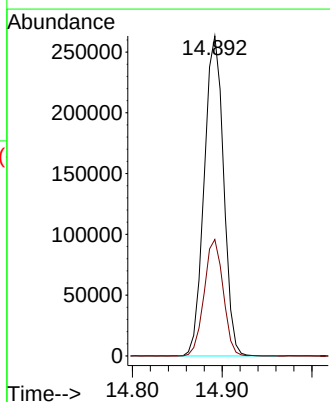
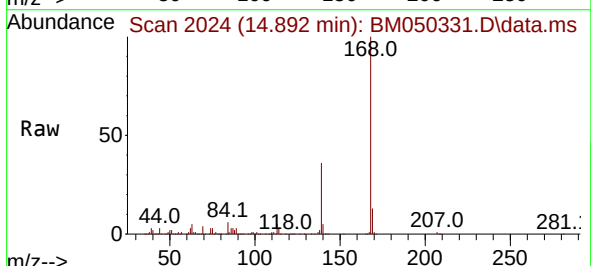
Manual Integrations
APPROVED

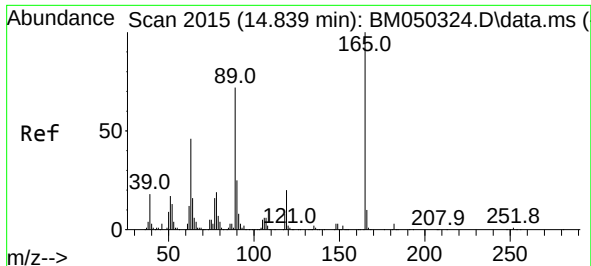
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#56
Dibenzofuran
Concen: 4.709 ng/ul
RT: 14.892 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

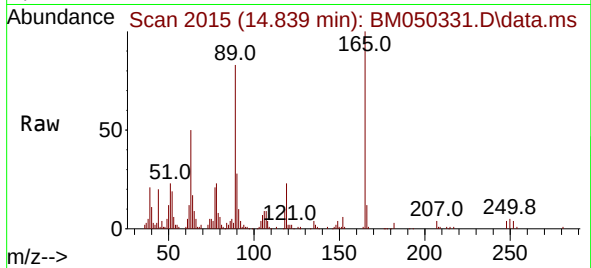
Tgt Ion:168 Resp: 393814
Ion Ratio Lower Upper
168 100
139 36.4 28.1 42.1





#57
2,4-Dinitrotoluene
Concen: 3.594 ng/ul
RT: 14.839 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

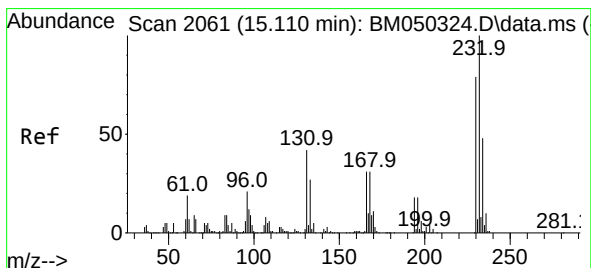
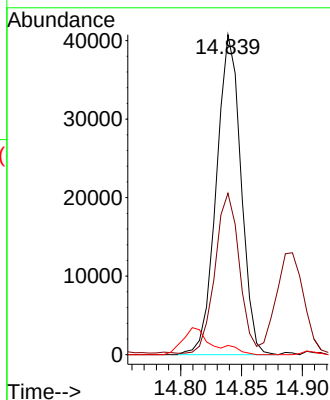
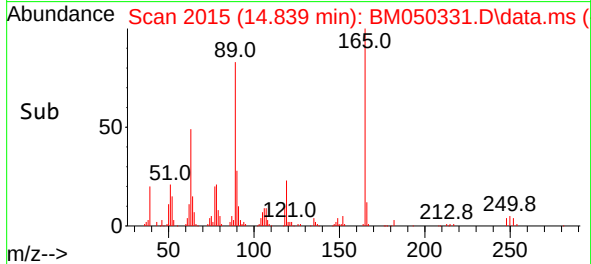
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



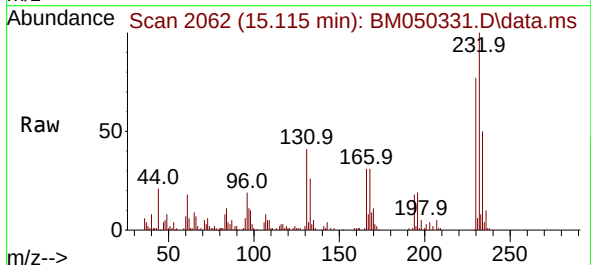
Tgt Ion:165 Resp: 57354
Ion Ratio Lower Upper
165 100
63 50.4 36.7 55.1
182 2.9 2.2 3.4

Manual Integrations
APPROVED

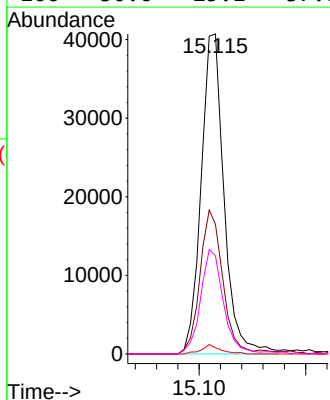
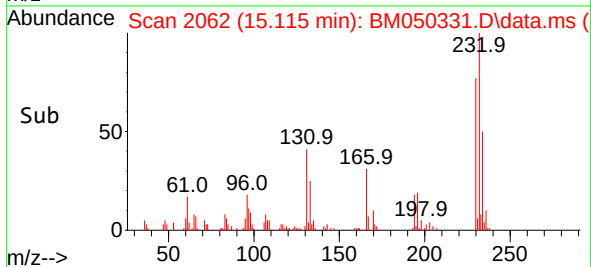
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

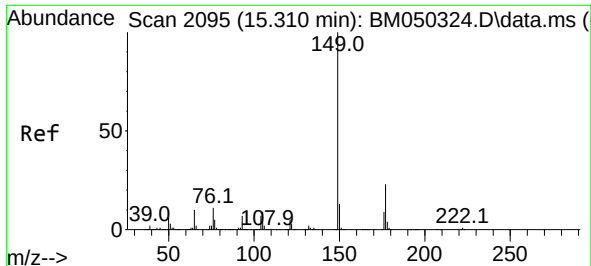


#58
2,3,4,6-Tetrachlorophenol
Concen: 3.951 ng/ul
RT: 15.115 min Scan# 2062
Delta R.T. 0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



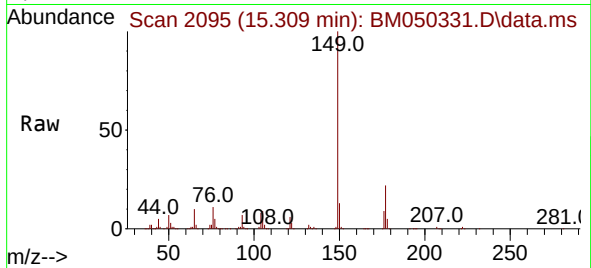
Tgt Ion:232 Resp: 61114
Ion Ratio Lower Upper
232 100
131 40.5 34.0 51.0
130 1.9 1.8 2.6
166 30.6 25.1 37.7





#59
Diethylphthalate
Concen: 4.483 ng/ul
RT: 15.309 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

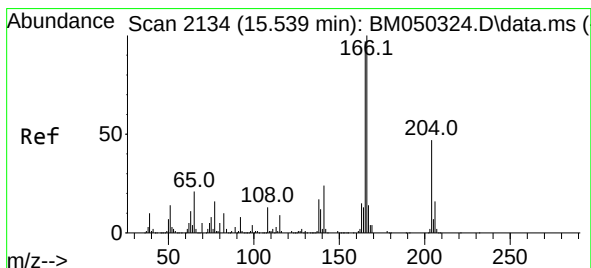
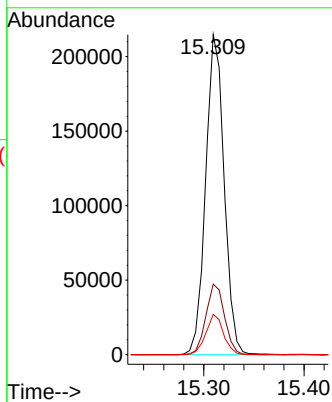
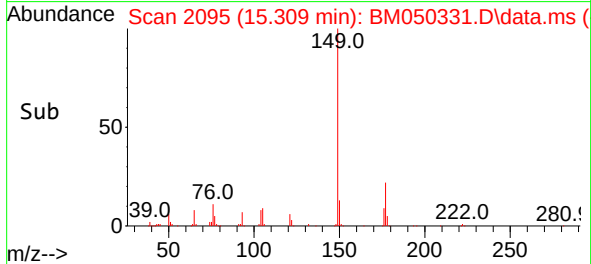
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:149 Resp: 275864
Ion Ratio Lower Upper
149 100
177 22.1 18.1 27.1
150 12.6 10.1 15.1

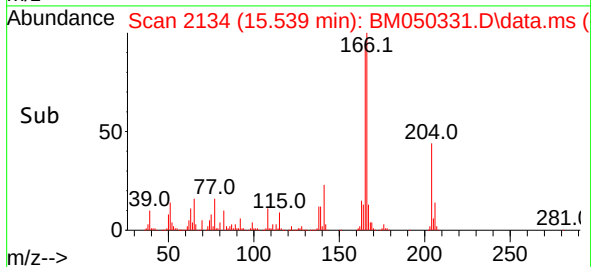
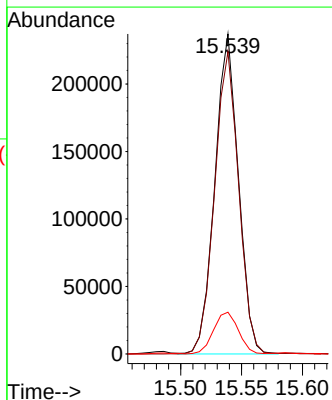
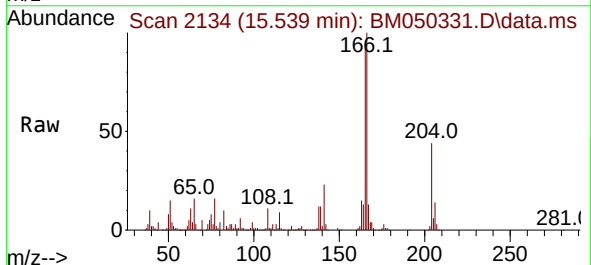
Manual Integrations
APPROVED

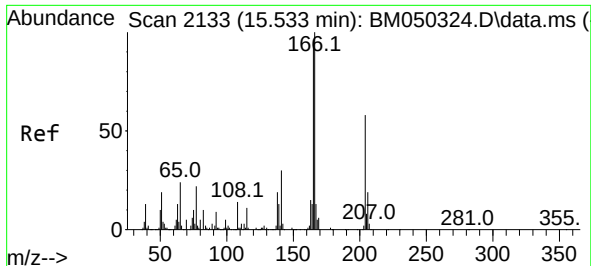
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#61
Fluorene
Concen: 4.601 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

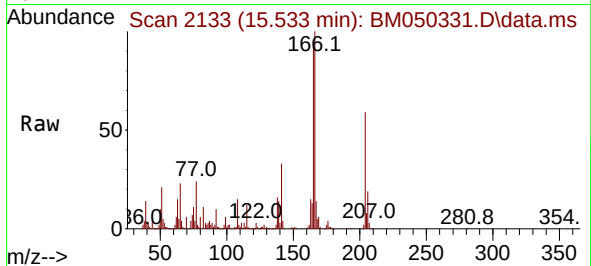
Tgt Ion:166 Resp: 319575
Ion Ratio Lower Upper
166 100
165 94.4 77.4 116.2
167 13.0 10.9 16.3





#62
4-Chlorophenyl-phenylether
Concen: 4.510 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

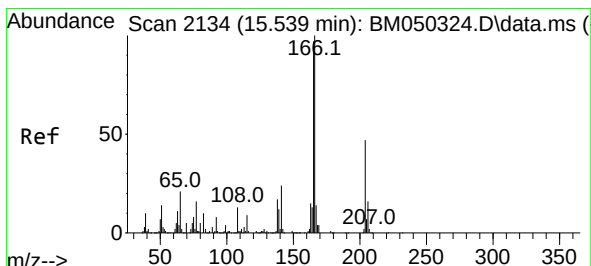
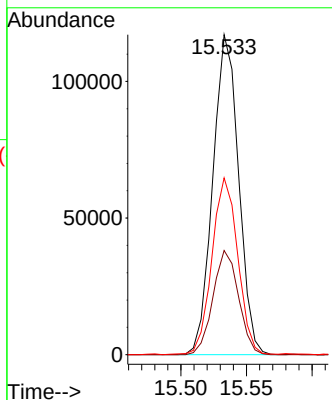
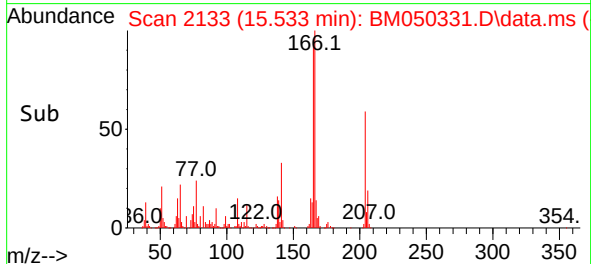
Instrument : BNA_M
ClientSampleId : MDL-SOIL-QT2-2025-03



Tgt Ion:204 Resp: 160120
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 55.2 41.4 62.0

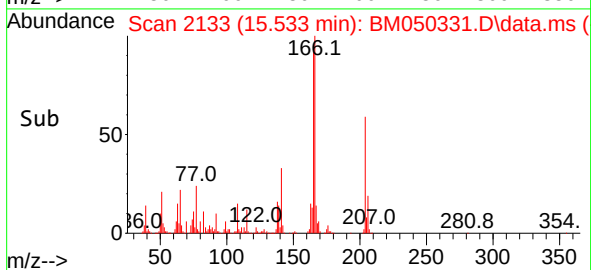
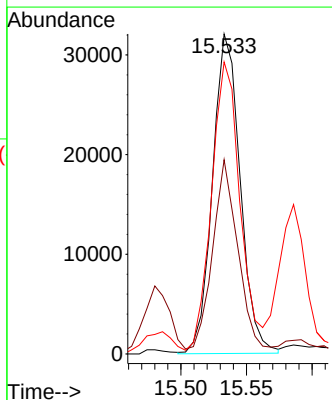
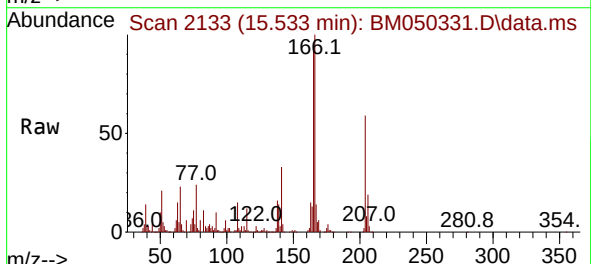
Manual Integrations
APPROVED

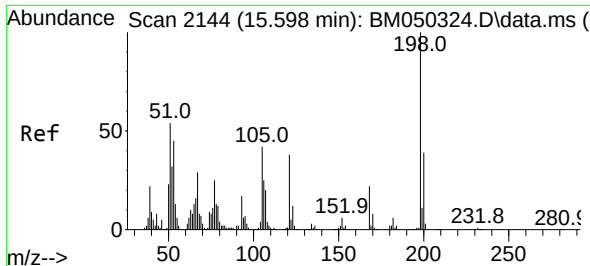
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#63
4-Nitroaniline
Concen: 4.108 ng/ul
RT: 15.533 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Tgt Ion:138 Resp: 47048
Ion Ratio Lower Upper
138 100
92 60.7 39.4 59.2#
108 91.3 61.4 92.2





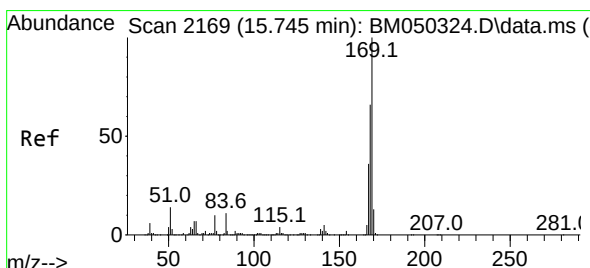
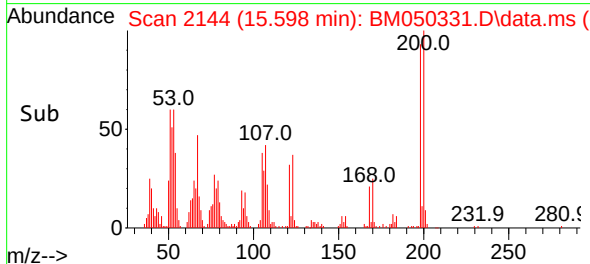
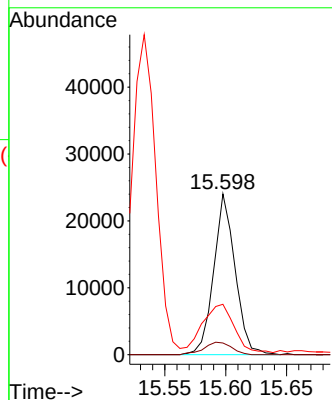
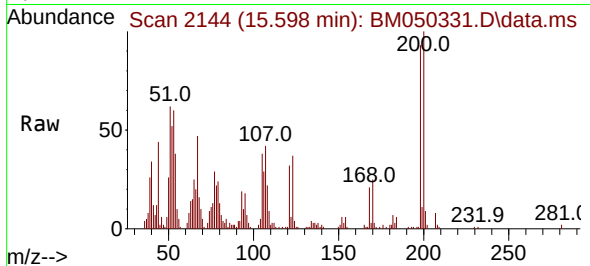
#66
4,6-Dinitro-2-methylphenol
Concen: 3.162 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03

Tgt Ion:198 Resp: 29474
Ion Ratio Lower Upper
198 100
182 7.3 4.4 6.6
77 31.4 21.5 32.3

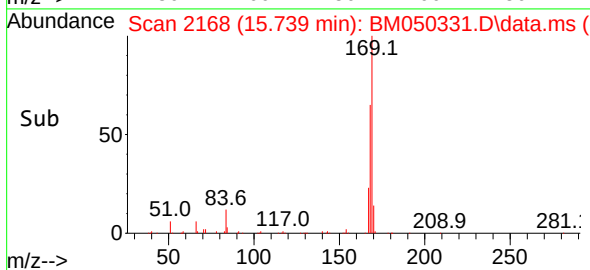
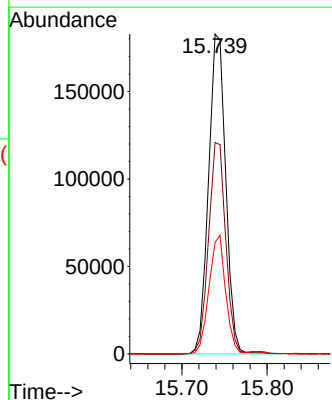
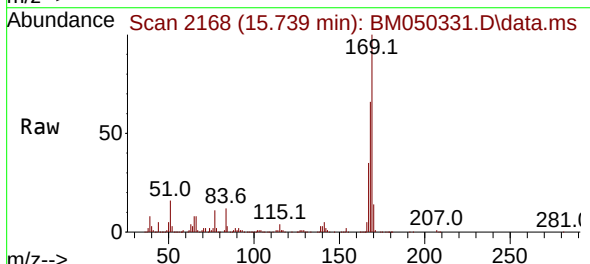
Manual Integrations
APPROVED

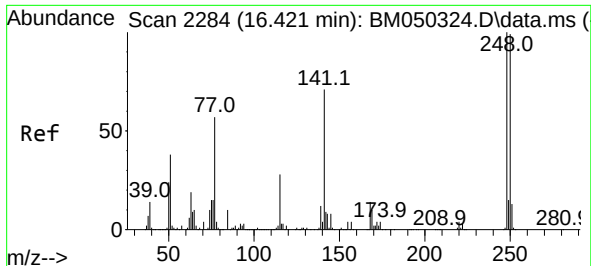
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#67
N-Nitrosodiphenylamine
Concen: 4.361 ng/ul
RT: 15.739 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

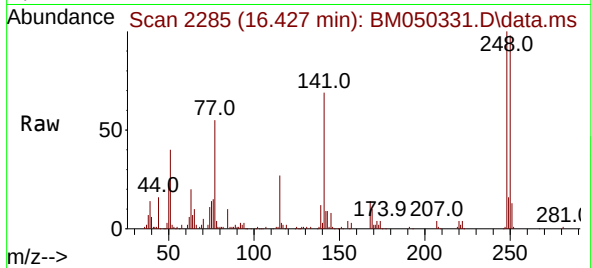
Tgt Ion:169 Resp: 256970
Ion Ratio Lower Upper
169 100
168 66.1 52.7 79.1
167 34.9 28.6 43.0





#68
4-Bromophenyl-phenylether
Concen: 4.144 ng/ul
RT: 16.427 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

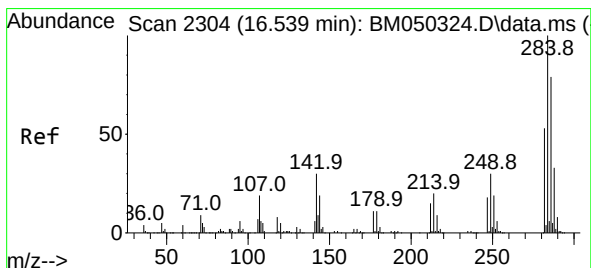
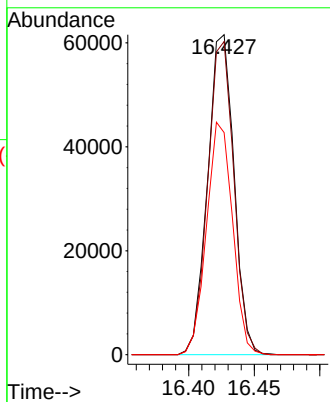
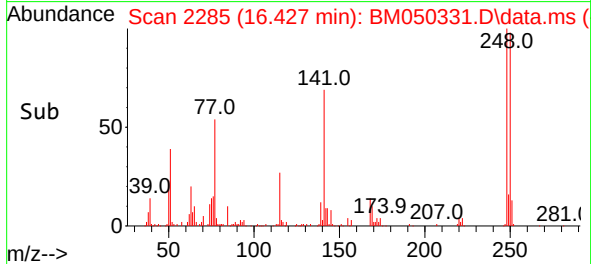
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



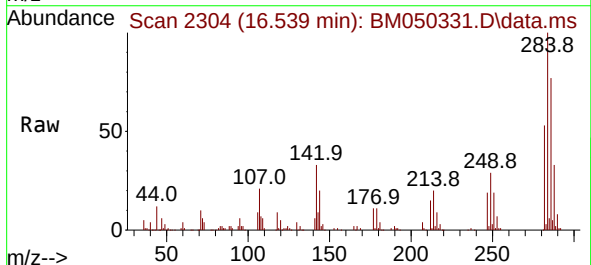
Tgt Ion:248 Resp: 8652
Ion Ratio Lower Upper
248 100
250 97.8 78.8 118.2
141 69.4 57.0 85.6

Manual Integrations
APPROVED

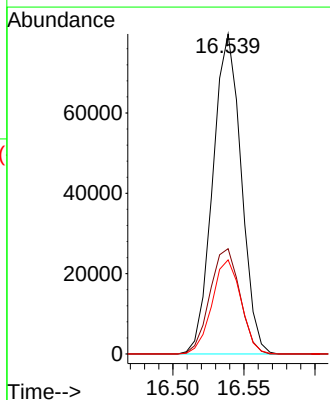
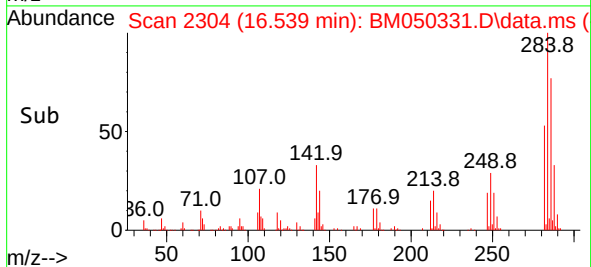
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

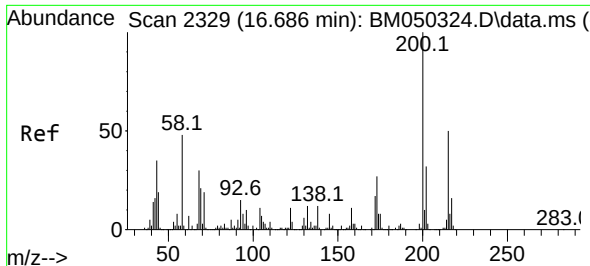


#69
Hexachlorobenzene
Concen: 4.424 ng/ul
RT: 16.539 min Scan# 2304
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



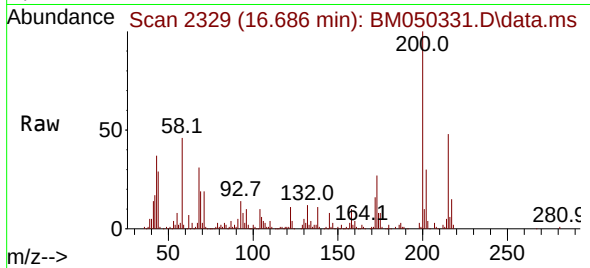
Tgt Ion:284 Resp: 110946
Ion Ratio Lower Upper
284 100
142 32.9 24.2 36.4
249 29.4 24.0 36.0





#70
 Atrazine
 Concen: 6.538 ng/ul
 RT: 16.686 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36

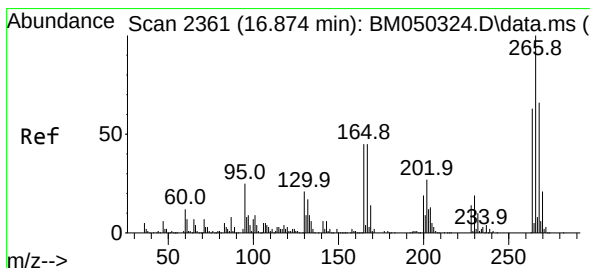
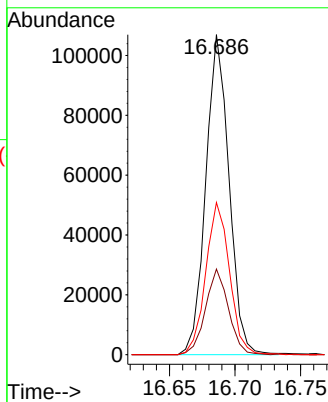
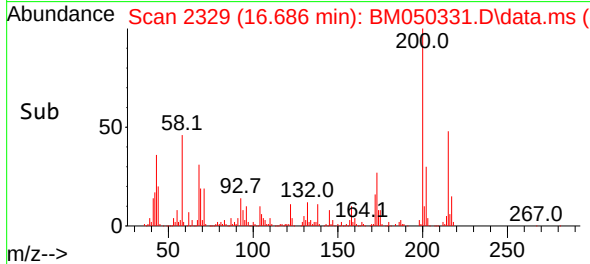
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2025-03



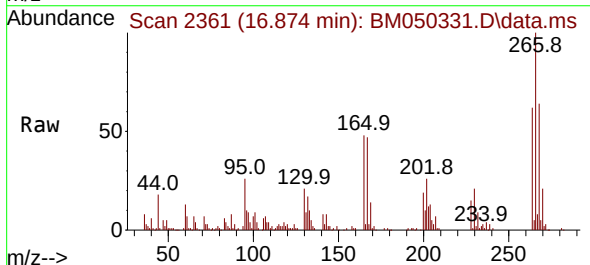
Tgt Ion:200 Resp: 131759
 Ion Ratio Lower Upper
 200 100
 173 26.7 21.3 31.9
 215 47.6 40.2 60.4

Manual Integrations
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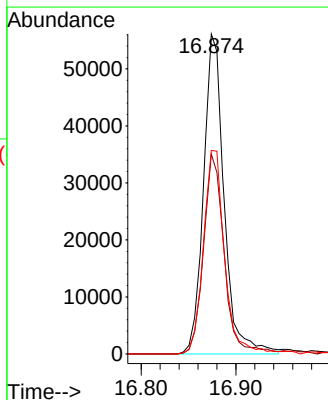
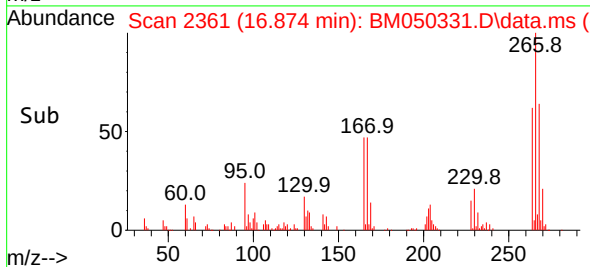
Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

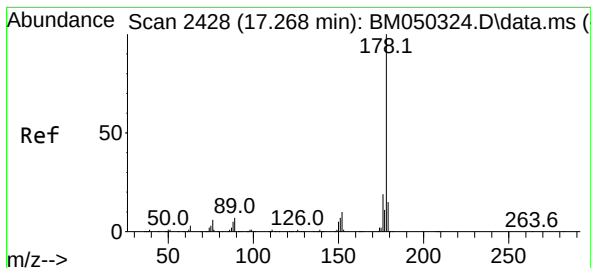


#71
 Pentachlorophenol
 Concen: 5.948 ng/ul
 RT: 16.874 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36



Tgt Ion:266 Resp: 84765
 Ion Ratio Lower Upper
 266 100
 264 62.4 50.5 75.7
 268 63.6 52.6 79.0





#72

Phenanthrene

Concen: 4.570 ng/uI

RT: 17.268 min Scan# 2428

Delta R.T. -0.000 min

Lab File: BM050331.D

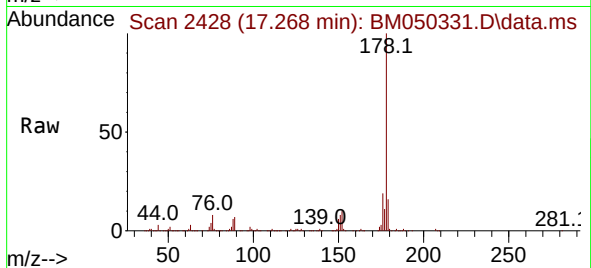
Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03



Tgt Ion:178 Resp: 498752

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

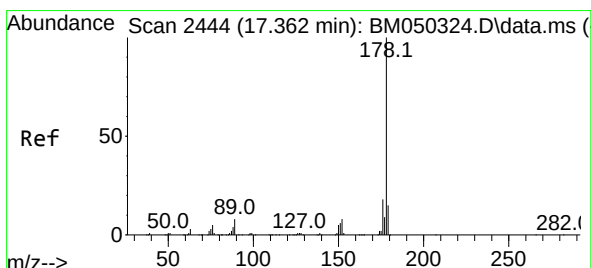
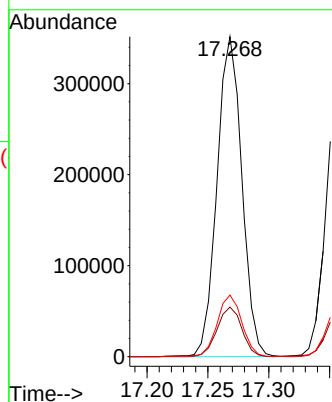
176 19.3 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#74

Anthracene

Concen: 4.458 ng/uI

RT: 17.356 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

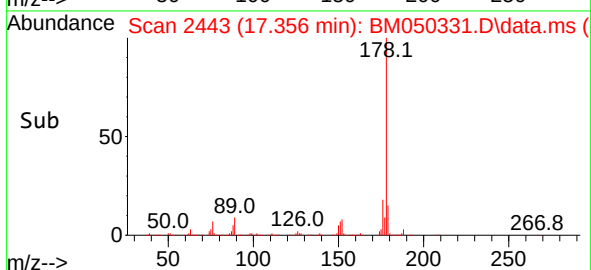
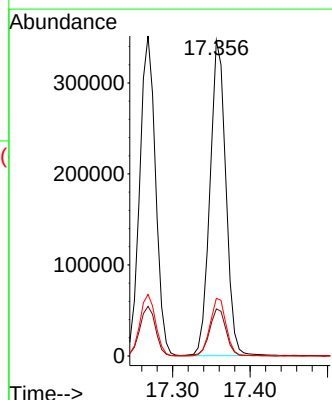
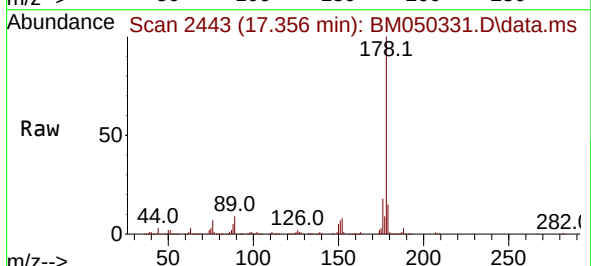
Tgt Ion:178 Resp: 492370

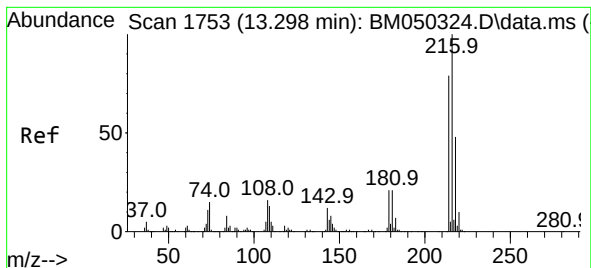
Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

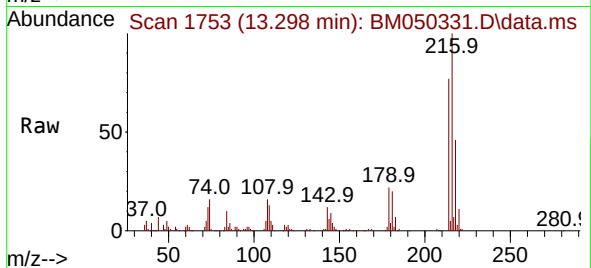
176 18.3 14.6 21.8





#75
1,2,3,4-Tetrachlorobenzene
Concen: 4.158 ng/uL
RT: 13.298 min Scan# 1753
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

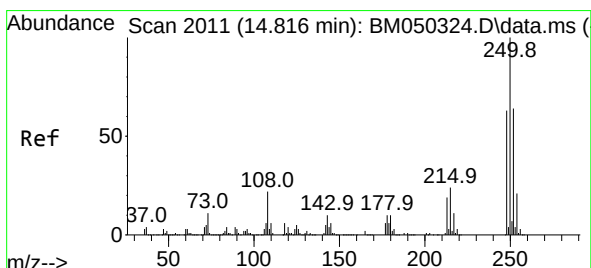
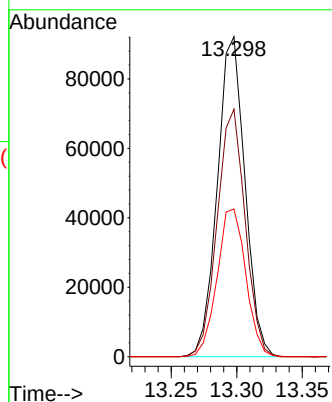
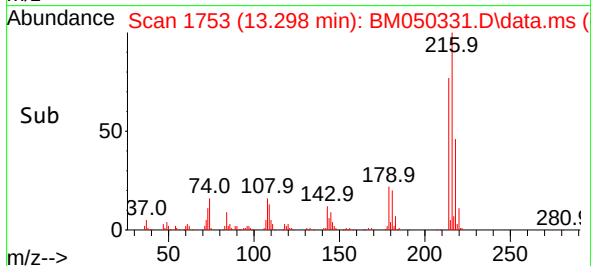
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



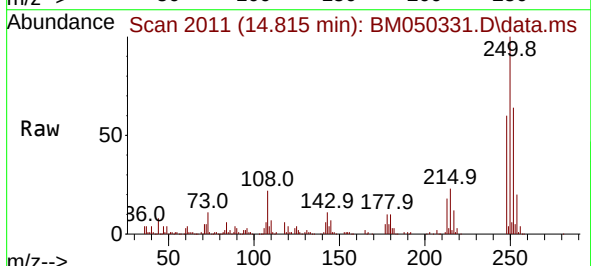
Tgt Ion:216 Resp: 134958
Ion Ratio Lower Upper
216 100
214 77.3 63.4 95.2
218 46.1 38.2 57.2

Manual Integrations
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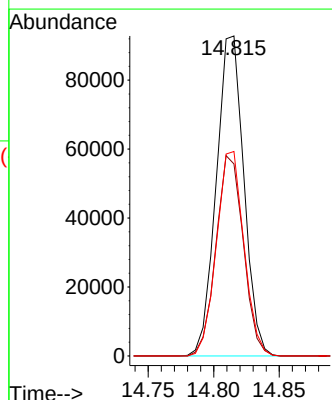
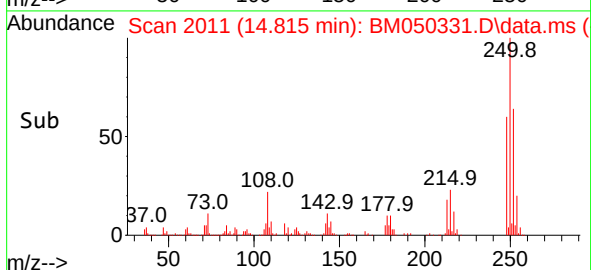
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

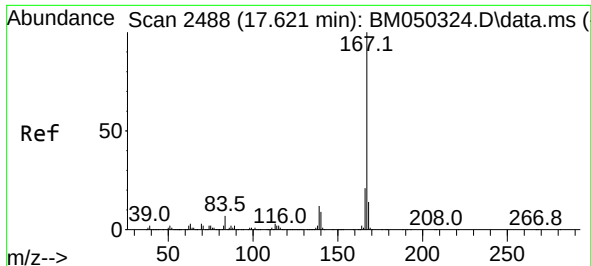


#76
Pentachlorobenzene
Concen: 4.448 ng/uL
RT: 14.815 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36



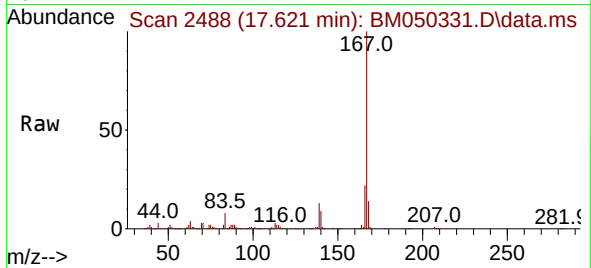
Tgt Ion:250 Resp: 135935
Ion Ratio Lower Upper
250 100
248 60.0 50.6 75.8
252 63.9 50.9 76.3





#77
 Carbazole
 Concen: 4.434 ng/ul
 RT: 17.621 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36

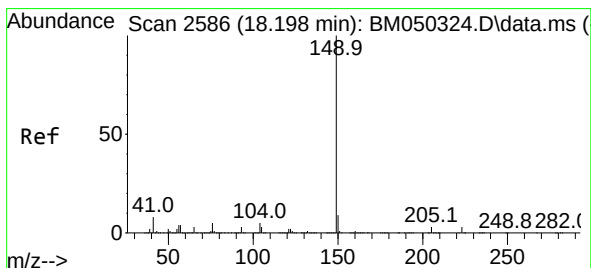
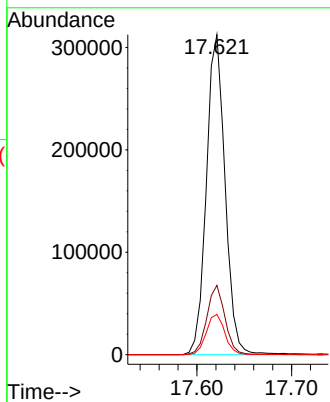
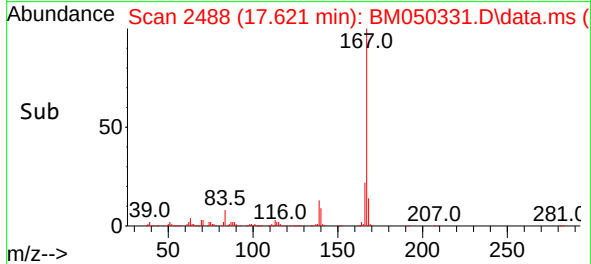
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT2-2025-03



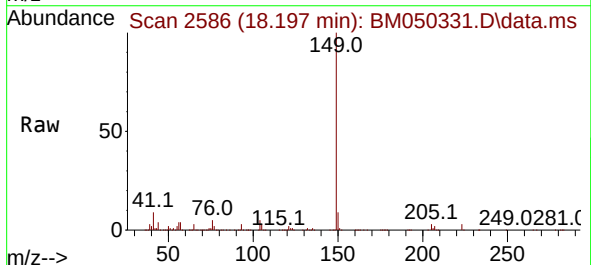
Tgt Ion:167 Resp: 42845
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 12.6 9.5 14.3

Manual Integrations
 APPROVED

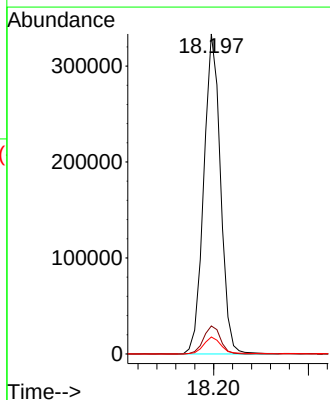
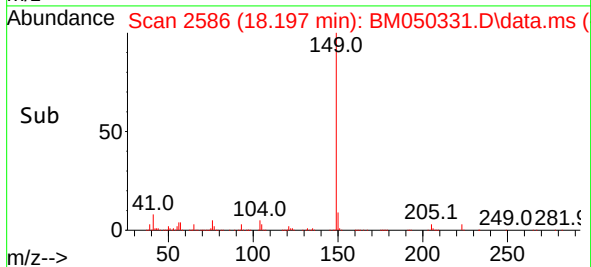
Reviewed By :Rahul Chavli 07/02/2025
 Supervised By :Jagrut Upadhyay 07/02/2025

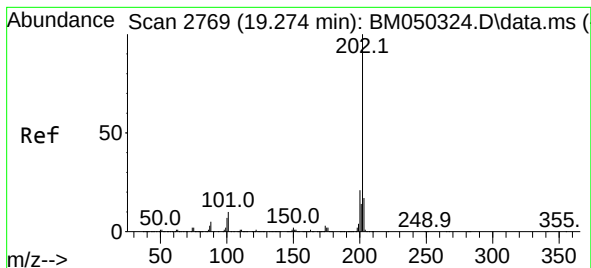


#78
 Di-n-butylphthalate
 Concen: 4.202 ng/ul
 RT: 18.197 min Scan# 2586
 Delta R.T. -0.000 min
 Lab File: BM050331.D
 Acq: 01 Jul 2025 17:36



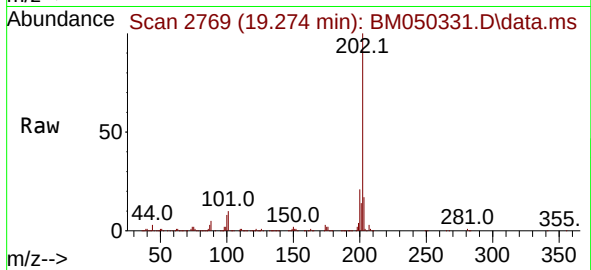
Tgt Ion:149 Resp: 409999
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.3 4.2 6.2





#80
Fluoranthene
Concen: 4.183 ng/u1
RT: 19.274 min Scan# 2769
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

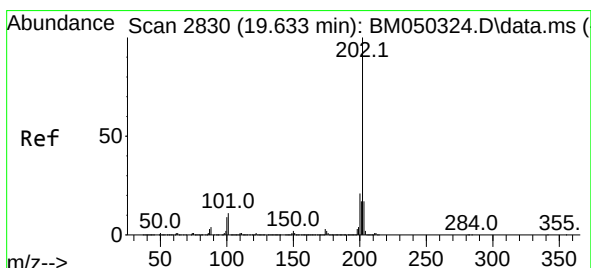
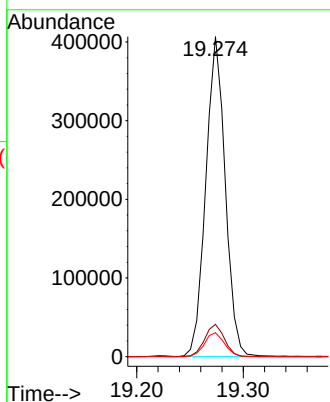
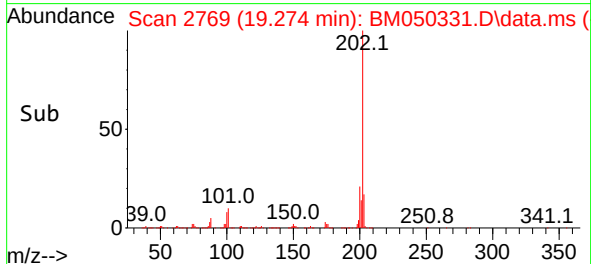
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:202 Resp: 516290
Ion Ratio Lower Upper
202 100
101 10.1 7.7 11.5
100 7.5 5.7 8.5

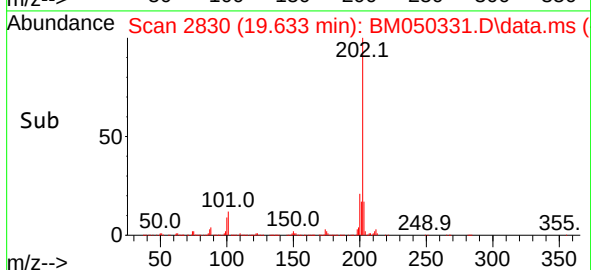
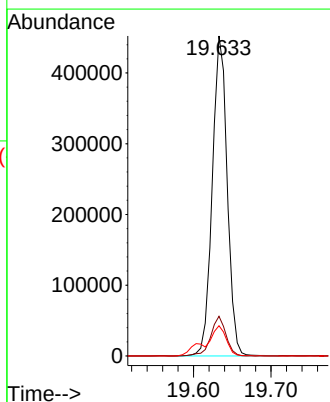
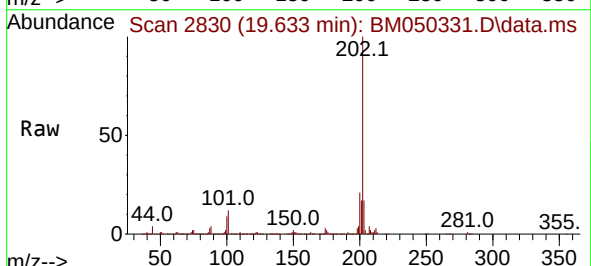
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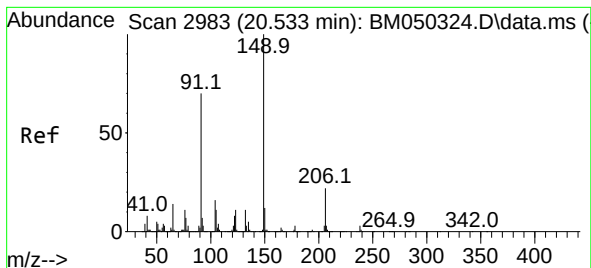
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#82
Pyrene
Concen: 4.520 ng/u1
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Tgt Ion:202 Resp: 605221
Ion Ratio Lower Upper
202 100
101 12.4 9.0 13.6
100 9.4 7.4 11.2





#83

Butylbenzylphthalate

Concen: 3.630 ng/ul

RT: 20.533 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03

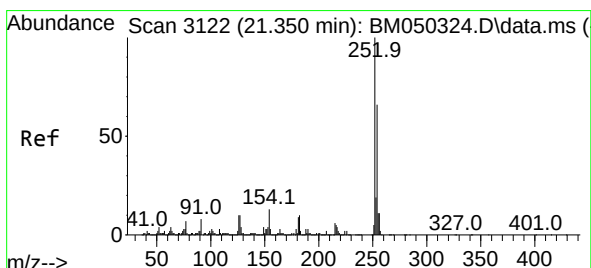
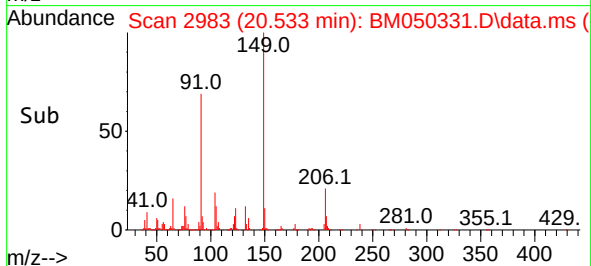
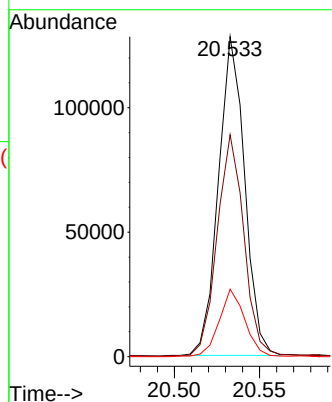
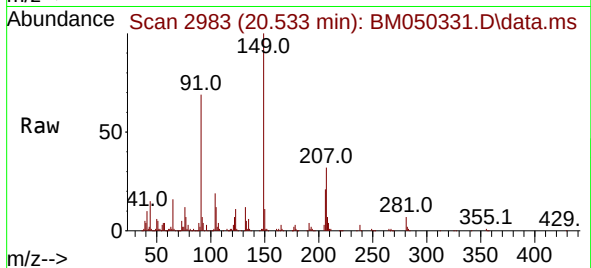
Tgt Ion:	149	Resp:	13706
Ion Ratio	Lower	Upper	
149	100		
91	69.3	55.9	83.9
206	21.1	17.4	26.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#84

3,3'-Dichlorobenzidine

Concen: 4.425 ng/ul

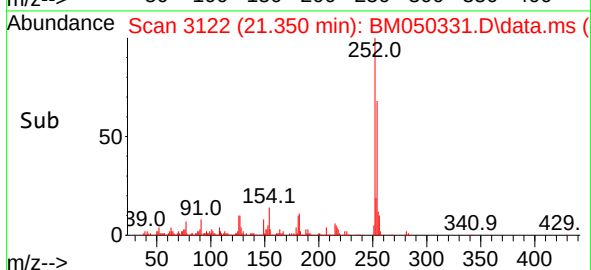
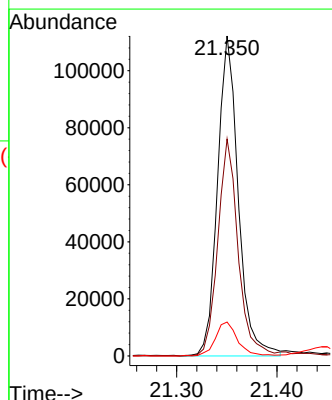
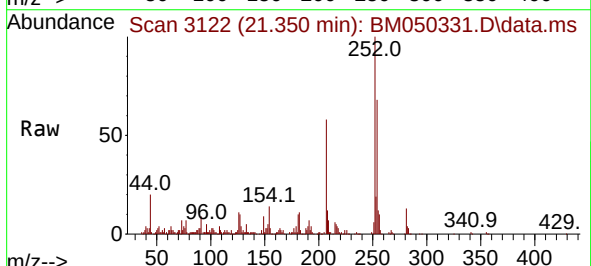
RT: 21.350 min Scan# 3122

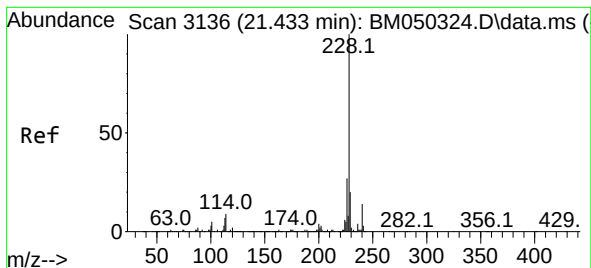
Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Tgt Ion:	252	Resp:	161156
Ion Ratio	Lower	Upper	
252	100		
254	67.8	52.7	79.1
126	10.6	8.3	12.5





#85

Benzo(a)anthracene

Concen: 4.512 ng/ul

RT: 21.433 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03

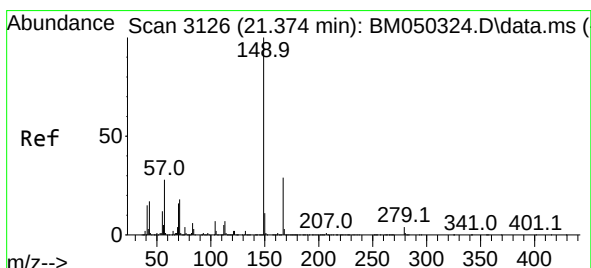
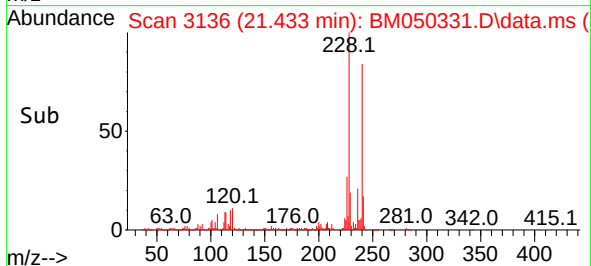
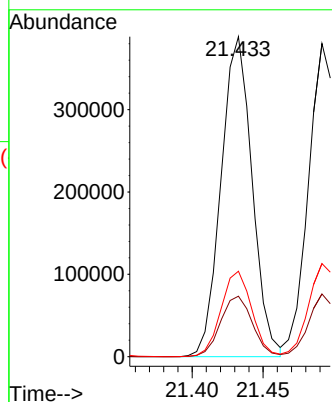
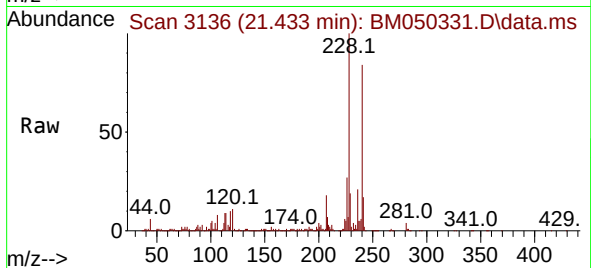
Tgt Ion:228 Resp: 591285
 Ion Ratio Lower Upper
 228 100
 229 18.9 15.7 23.5
 226 26.7 21.4 32.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.027 ng/ul

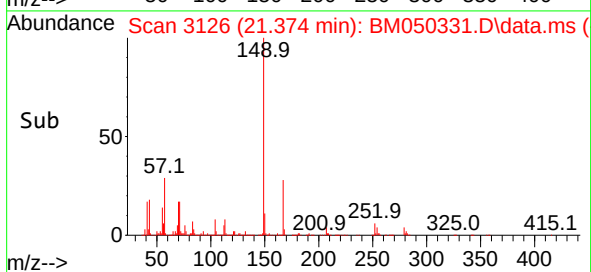
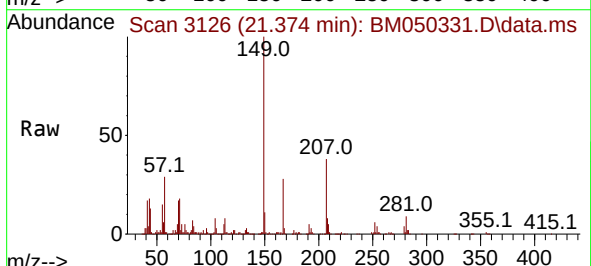
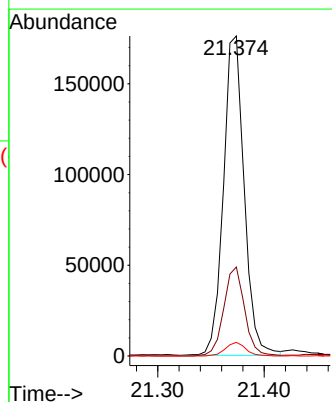
RT: 21.374 min Scan# 3126

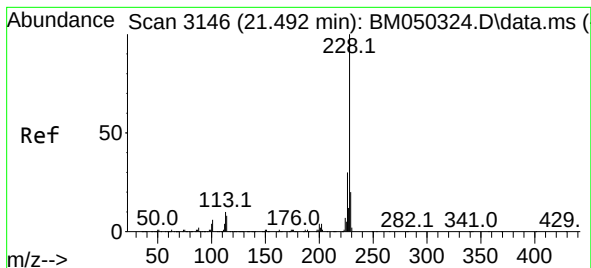
Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Tgt Ion:149 Resp: 237960
 Ion Ratio Lower Upper
 149 100
 167 27.8 23.1 34.7
 279 4.3 3.4 5.2





#87

Chrysene

Concen: 4.568 ng/ul

RT: 21.491 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03

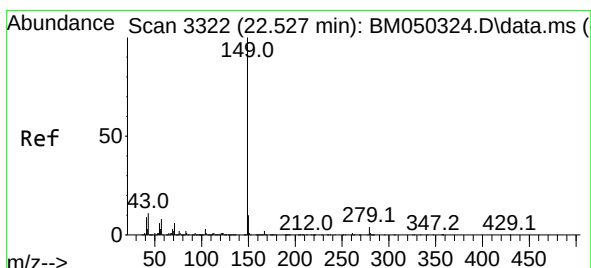
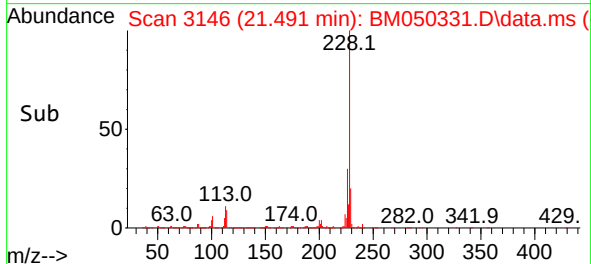
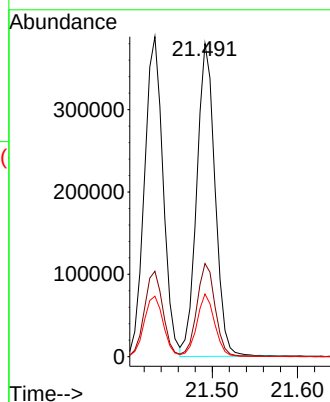
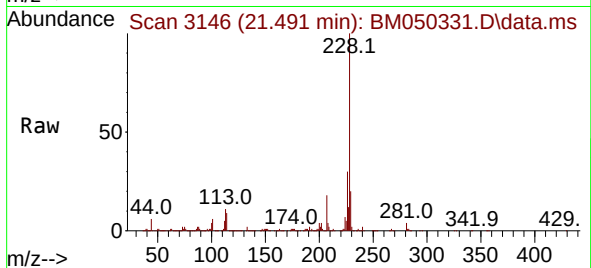
Tgt Ion:228 Resp: 565799
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.1 36.1
 229 20.0 15.8 23.6

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#89

Di-n-octyl phthalate

Concen: 3.284 ng/ul

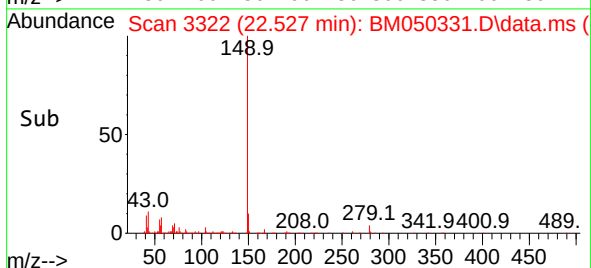
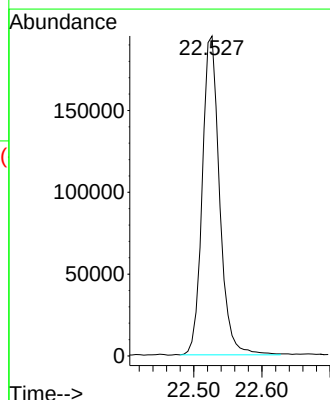
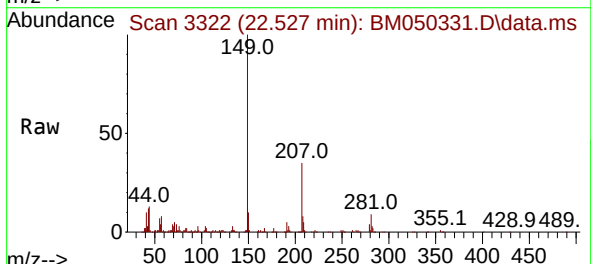
RT: 22.527 min Scan# 3322

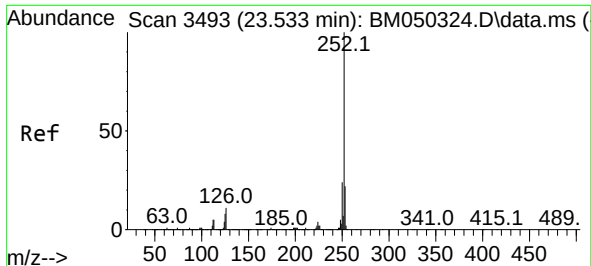
Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

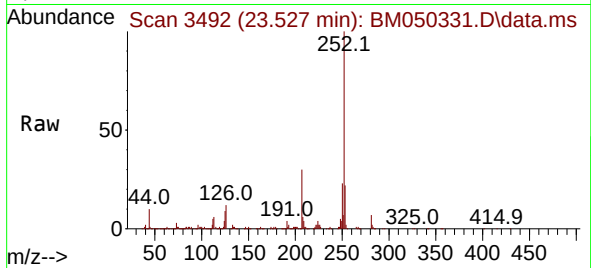
Tgt Ion:149 Resp: 344762





#90
Benzo(b)fluoranthene
Concen: 4.213 ng/ul
RT: 23.527 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

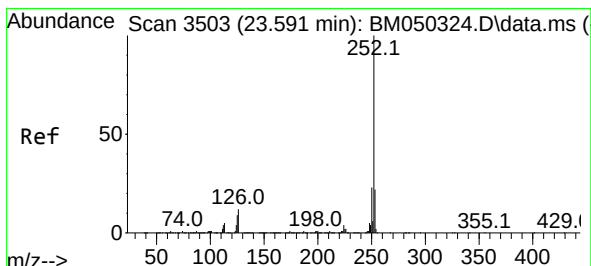
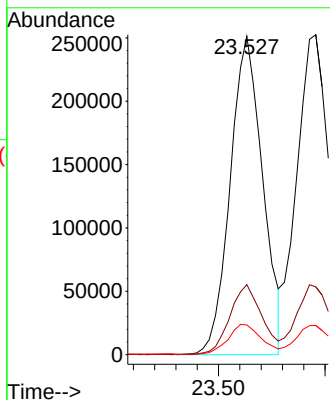
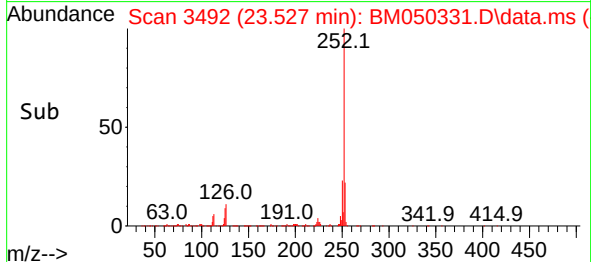
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT2-2025-03



Tgt Ion:252 Resp: 533118
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.4 6.6 9.8

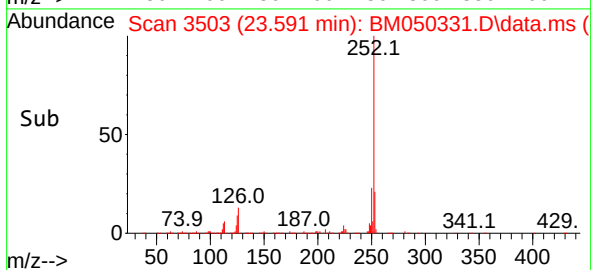
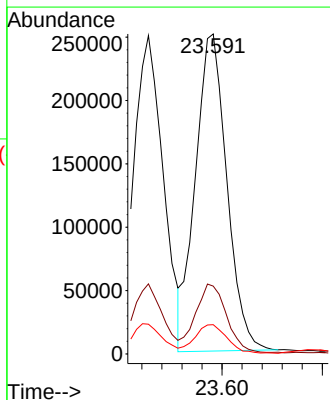
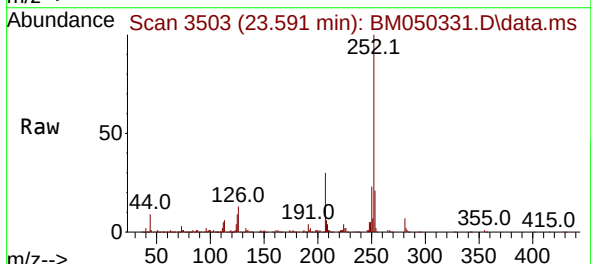
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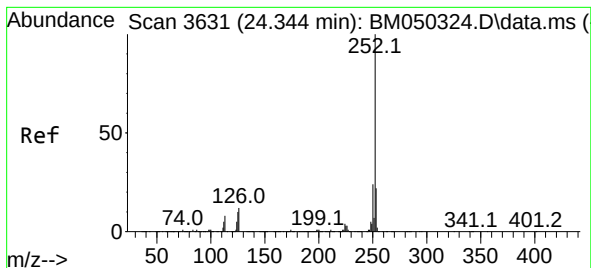
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025



#91
Benzo(k)fluoranthene
Concen: 4.229 ng/ul
RT: 23.591 min Scan# 3503
Delta R.T. -0.000 min
Lab File: BM050331.D
Acq: 01 Jul 2025 17:36

Tgt Ion:252 Resp: 545227
Ion Ratio Lower Upper
252 100
253 21.2 17.7 26.5
125 9.2 7.0 10.4





#93

Benzo(a)pyrene

Concen: 4.372 ng/ul

RT: 24.344 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03

Tgt Ion:252 Resp: 52985

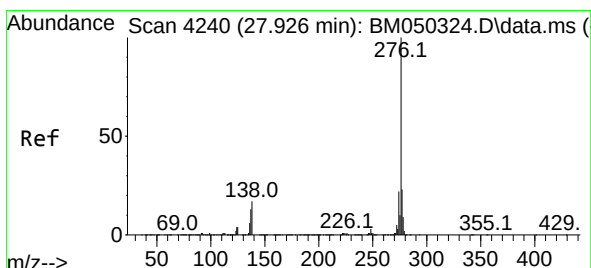
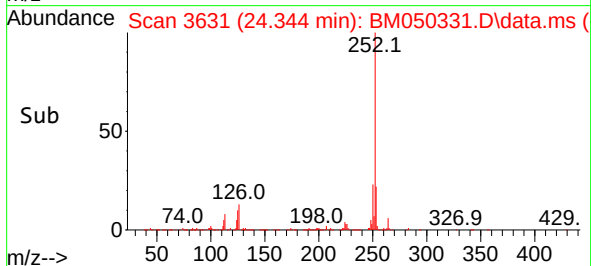
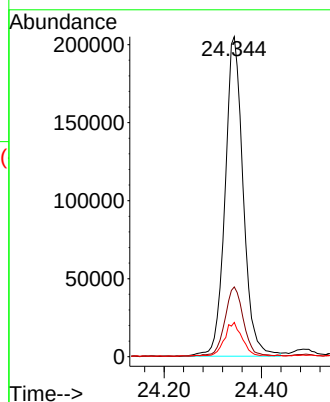
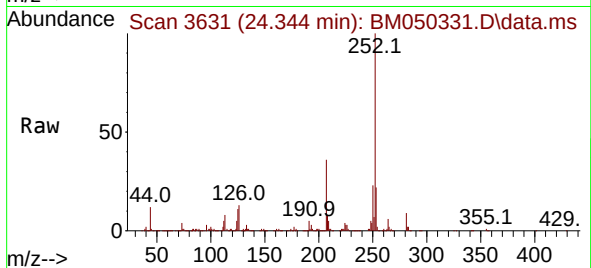
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.7	7.7	11.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.373 ng/ul

RT: 27.915 min Scan# 4238

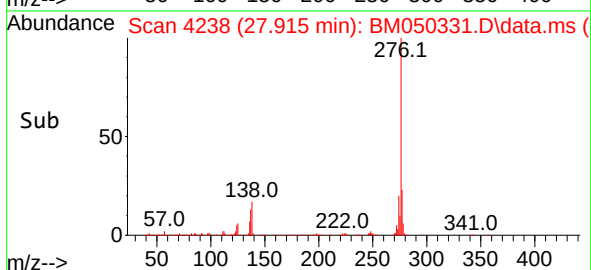
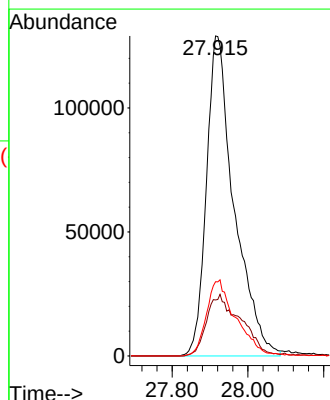
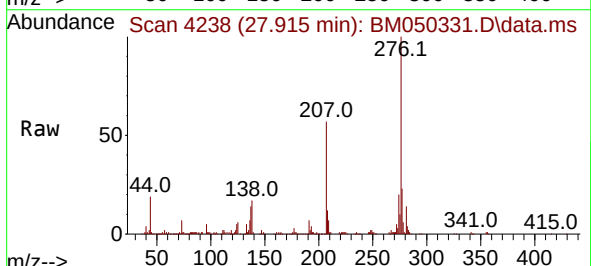
Delta R.T. -0.012 min

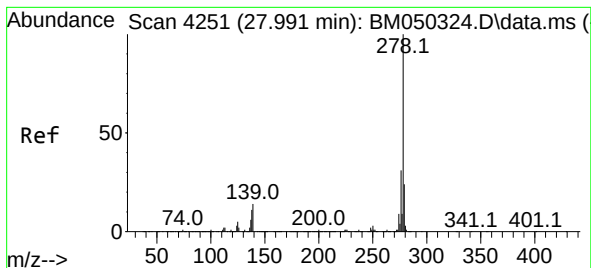
Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Tgt Ion:276 Resp: 655149

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.9	20.9
277	23.2	18.6	28.0





#95

Dibenzo(a,h)anthracene

Concen: 4.322 ng/ul

RT: 27.979 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-QT2-2025-03

Tgt Ion:278 Resp: 53778

Ion Ratio Lower Upper

278 100

139 13.3 10.8 16.2

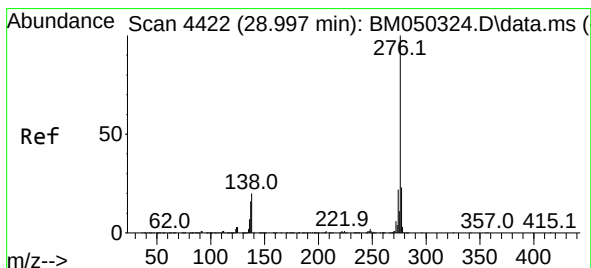
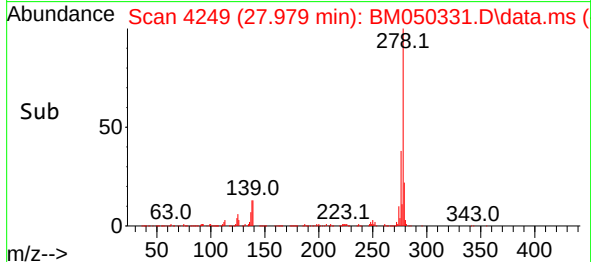
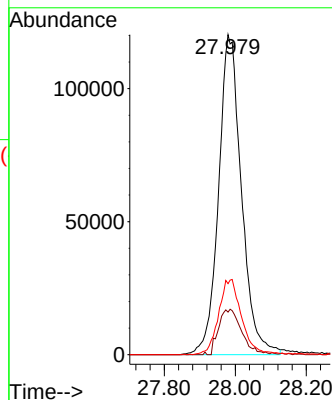
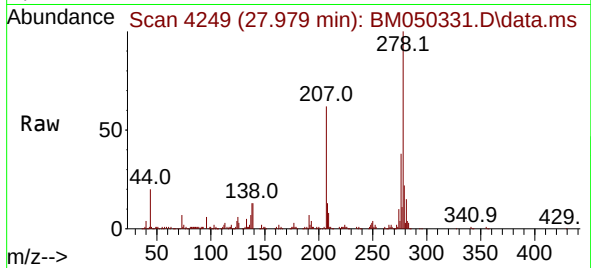
279 22.2 19.5 29.3

Manual Integrations

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Reviewed By :Rahul Chavli 07/02/2025

Supervised By :Jagrut Upadhyay 07/02/2025



#96

Benzo(g,h,i)perylene

Concen: 4.503 ng/ul

RT: 28.985 min Scan# 4420

Delta R.T. -0.012 min

Lab File: BM050331.D

Acq: 01 Jul 2025 17:36

Tgt Ion:276 Resp: 542616

Ion Ratio Lower Upper

276 100

138 20.0 15.7 23.5

277 24.4 18.6 27.8

