

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025663.D
 Acq On : 04 Sep 2025 16:52
 Operator : CG/JU
 Sample : Q2893-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025

Quant Time: Sep 04 17:49:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 14 18:14:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	133894	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	549961	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	369065	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	768738	20.000	ng	0.00
76) Chrysene-d12	21.648	240	875396	20.000	ng	0.00
86) Perylene-d12	25.030	264	943895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	912497	113.178	ng	-0.02
7) Phenol-d6	6.955	99	1180803	114.233	ng	-0.01
23) Nitrobenzene-d5	8.913	82	825034	75.887	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	608388	122.470	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	1980265	73.331	ng	-0.02
79) Terphenyl-d14	19.924	244	3588103	74.991	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	12986	4.112	ng	98
3) Pyridine	3.725	79	29299	3.390	ng	94
4) n-Nitrosodimethylamine	3.625	42	13996	3.927	ng	# 83
6) Aniline	7.102	93	49051	3.522	ng	97
8) 2-Chlorophenol	7.343	128	33699	3.704	ng	89
9) Benzaldehyde	6.925	77	27847m	3.845	ng	
10) Phenol	6.984	94	39894	3.678	ng	83
11) bis(2-Chloroethyl)ether	7.196	93	32188	3.807	ng	95
12) 1,3-Dichlorobenzene	7.654	146	37544	3.742	ng	92
13) 1,4-Dichlorobenzene	7.802	146	38608	3.765	ng	98
14) 1,2-Dichlorobenzene	8.113	146	36267	3.654	ng	98
15) Benzyl Alcohol	8.013	79	25948	3.159	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	43934	3.879	ng	96
17) 2-Methylphenol	8.213	107	24348	3.232	ng	96
18) Hexachloroethane	8.837	117	14136	3.749	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	24170	3.530	ng	95
20) 3+4-Methylphenols	8.549	107	31221	2.990	ng	95
22) Acetophenone	8.584	105	50781	3.682	ng	# 93
24) Nitrobenzene	8.954	77	39113	4.025	ng	95
25) Isophorone	9.472	82	65883	3.424	ng	96
26) 2-Nitrophenol	9.660	139	15716	3.152	ng	95
27) 2,4-Dimethylphenol	9.737	122	27029	3.152	ng	96
28) bis(2-Chloroethoxy)met...	9.954	93	40157	3.453	ng	97
29) 2,4-Dichlorophenol	10.231	162	24302	2.853	ng	95
30) 1,2,4-Trichlorobenzene	10.401	180	33123	3.547	ng	99
31) Naphthalene	10.590	128	105212	3.681	ng	99
32) Benzoic acid	9.872	122	12383m	1.956	ng	
33) 4-Chloroaniline	10.707	127	33968	2.690	ng	94
34) Hexachlorobutadiene	10.878	225	21868	3.760	ng	98
35) Caprolactam	11.484	113	9589	3.070	ng	99
36) 4-Chloro-3-methylphenol	11.848	107	31245	3.196	ng	96
37) 2-Methylnaphthalene	12.201	142	63986	3.440	ng	96
38) 1-Methylnaphthalene	12.419	142	70369m	3.557	ng	
40) 1,2,4,5-Tetrachloroben...	12.572	216	38710	3.632	ng	98
41) Hexachlorocyclopentadiene	12.548	237	8801	1.367	ng	95
43) 2,4,6-Trichlorophenol	12.825	196	22644	3.147	ng	98

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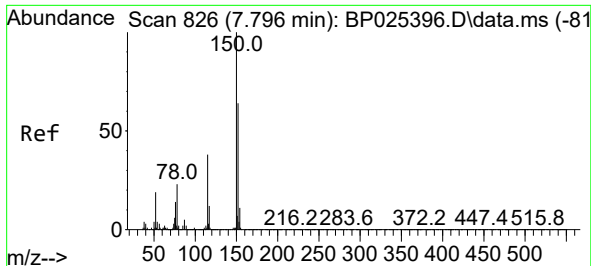
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	25197	3.195	ng	97
46) 1,1'-Biphenyl	13.213	154	97608	3.642	ng	98
47) 2-Chloronaphthalene	13.260	162	75755	3.630	ng	99
48) 2-Nitroaniline	13.472	65	19642	3.231	ng	92
49) Acenaphthylene	14.119	152	120472	3.489	ng	97
50) Dimethylphthalate	13.848	163	100906	3.734	ng	99
51) 2,6-Dinitrotoluene	13.966	165	19922	3.497	ng	# 90
52) Acenaphthene	14.460	154	71623	3.534	ng	96
53) 3-Nitroaniline	14.313	138	18547	2.894	ng	94
54) 2,4-Dinitrophenol	14.542	184	5724m	1.882	ng	
55) Dibenzofuran	14.801	168	119160	3.719	ng	96
56) 4-Nitrophenol	14.725	139	4438m	0.843	ng	
57) 2,4-Dinitrotoluene	14.772	165	24758	3.046	ng	# 86
58) Fluorene	15.460	166	97613	3.861	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.036	232	24288	3.488	ng	99
60) Diethylphthalate	15.231	149	105923	3.857	ng	98
61) 4-Chlorophenyl-phenyle...	15.460	204	48194	3.833	ng	95
62) 4-Nitroaniline	15.519	138	14449m	2.199	ng	
63) Azobenzene	15.754	77	88904	3.781	ng	95
65) 4,6-Dinitro-2-methylph...	15.566	198	11556	2.412	ng	100
66) n-Nitrosodiphenylamine	15.672	169	80805	3.447	ng	97
67) 4-Bromophenyl-phenylether	16.366	248	30230	3.576	ng	97
68) Hexachlorobenzene	16.495	284	37020	3.777	ng	98
69) Atrazine	16.648	200	30865	3.516	ng	97
70) Pentachlorophenol	16.866	266	16480	2.664	ng	95
71) Phenanthrene	17.242	178	157728	3.735	ng	100
72) Anthracene	17.342	178	150586	3.492	ng	99
73) Carbazole	17.630	167	136788	3.368	ng	98
74) Di-n-butylphthalate	18.201	149	182426	3.650	ng	98
75) Fluoranthene	19.330	202	186404	3.701	ng	99
77) Benzidine	19.542	184	80776	2.704	ng	99
78) Pyrene	19.707	202	193343	3.398	ng	99
80) Butylbenzylphthalate	20.648	149	84031	3.259	ng	96
81) Benzo(a)anthracene	21.630	228	202771	3.512	ng	99
82) 3,3'-Dichlorobenzidine	21.560	252	65599	3.015	ng	98
83) Chrysene	21.695	228	200105	3.701	ng	100
84) Bis(2-ethylhexyl)phtha...	21.560	149	130667	3.442	ng	96
85) Di-n-octyl phthalate	22.848	149	220658	3.380	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.871	276	230362m	3.328	ng	
88) Benzo(b)fluoranthene	23.965	252	197251	3.544	ng	100
89) Benzo(k)fluoranthene	24.030	252	200694	3.603	ng	99
90) Benzo(a)pyrene	24.877	252	189646	3.500	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	190599m	3.369	ng	
92) Benzo(g,h,i)perylene	30.077	276	189335m	3.405	ng	

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



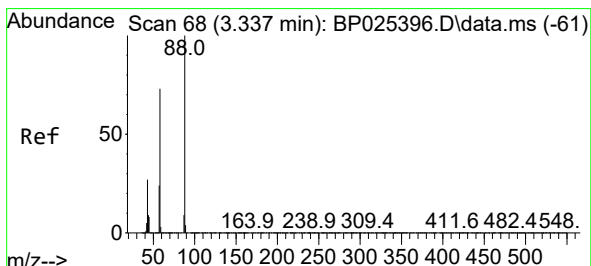
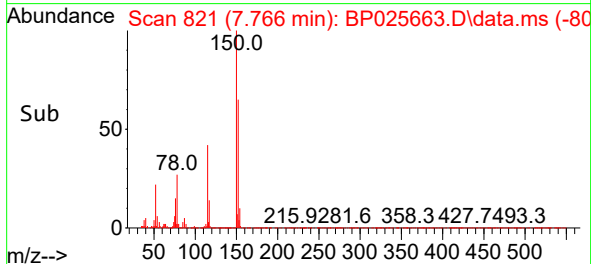
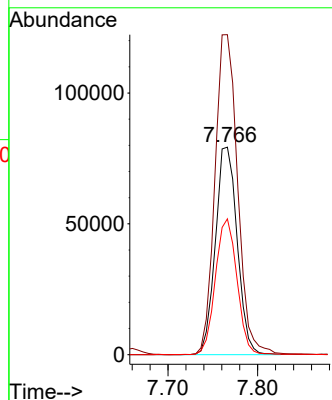
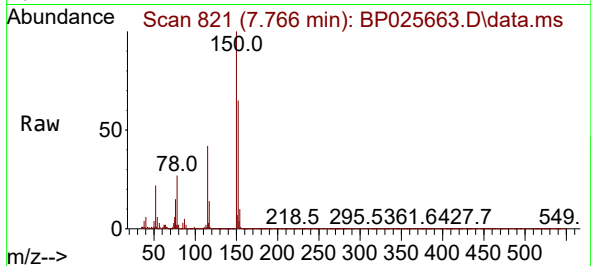
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.766 min Scan# 81
Delta R.T. -0.030 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:152 Resp: 133894
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 65.4 48.5 72.7

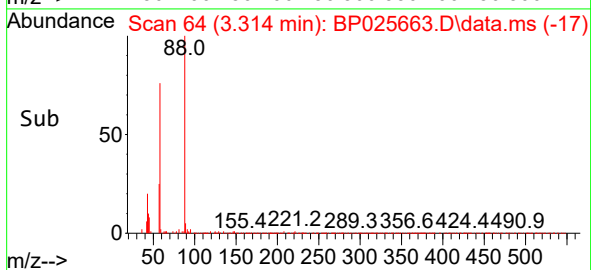
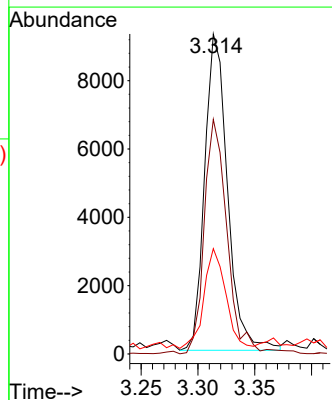
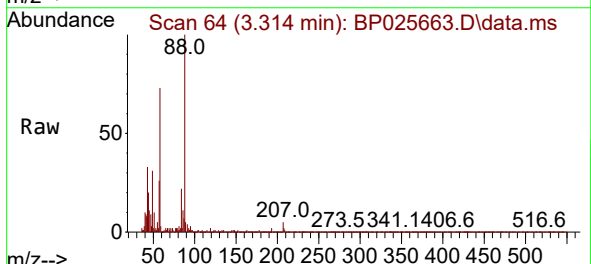
Manual Integrations
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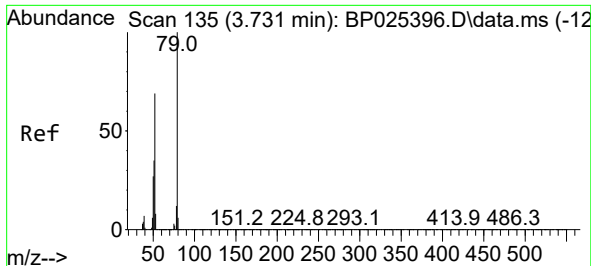
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#2
1,4-Dioxane
Concen: 4.112 ng
RT: 3.314 min Scan# 64
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

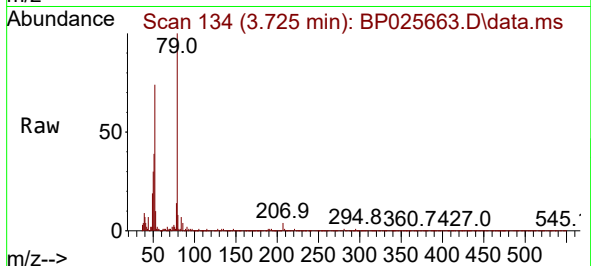
Tgt Ion: 88 Resp: 12986
Ion Ratio Lower Upper
88 100
58 74.1 59.2 88.8
43 31.0 21.7 32.5





#3
Pyridine
Concen: 3.390 ng
RT: 3.725 min Scan# 117
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

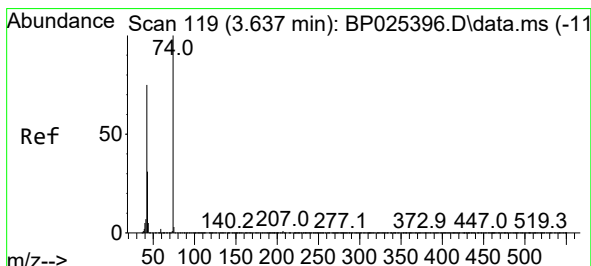
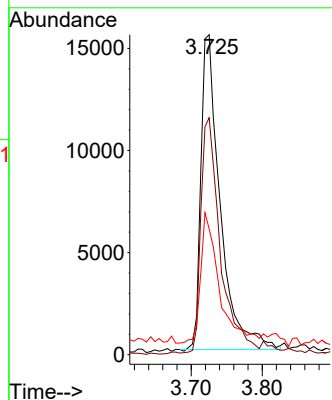
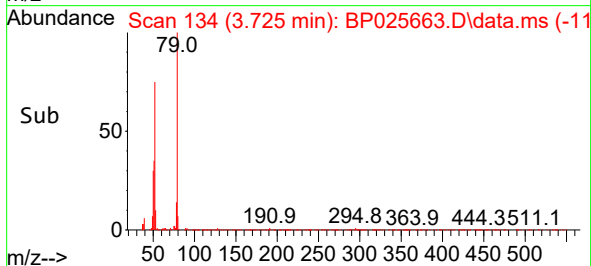
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 79 Resp: 29299
Ion Ratio Lower Upper
79 100
52 74.0 55.5 83.3
51 39.3 28.3 42.5

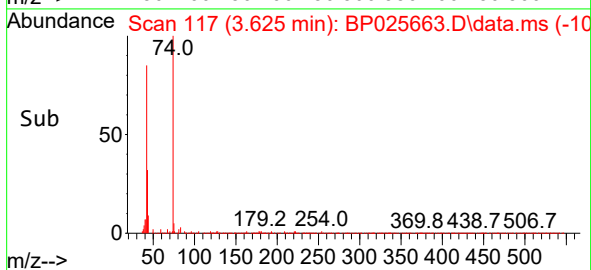
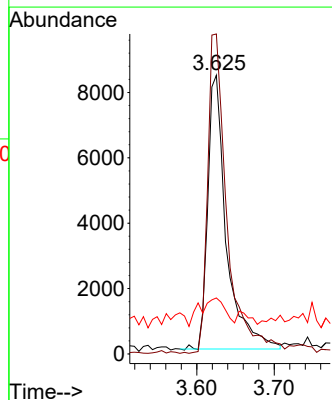
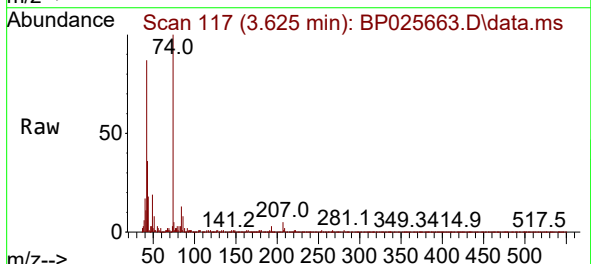
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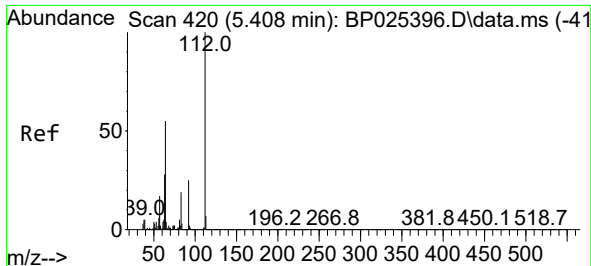
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#4
n-Nitrosodimethylamine
Concen: 3.927 ng
RT: 3.625 min Scan# 117
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 42 Resp: 13996
Ion Ratio Lower Upper
42 100
74 114.8 107.0 160.4
44 20.1 6.2 9.4





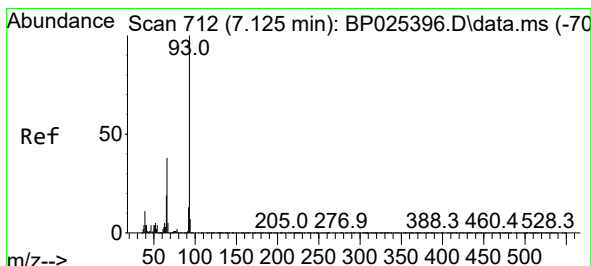
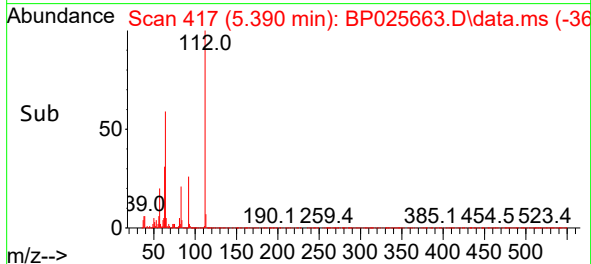
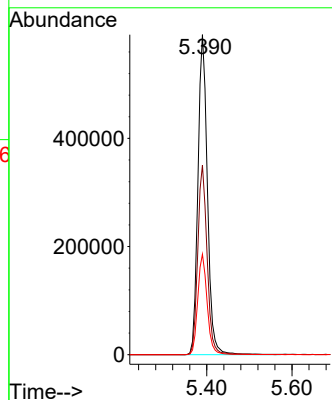
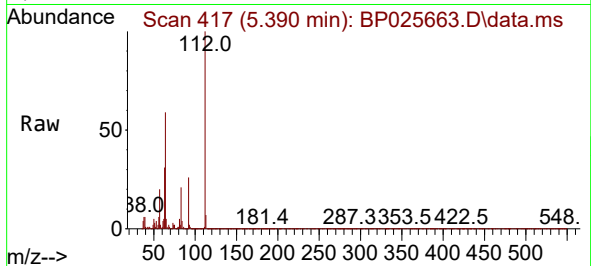
#5
2-Fluorophenol
Concen: 113.178 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:112 Resp: 91249
Ion Ratio Lower Upper
112 100
64 59.2 43.8 65.8
63 31.4 22.7 34.1

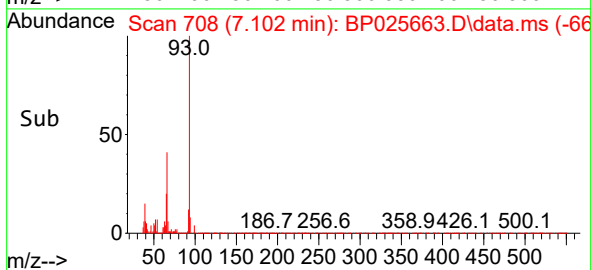
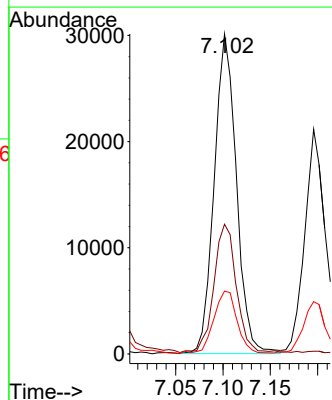
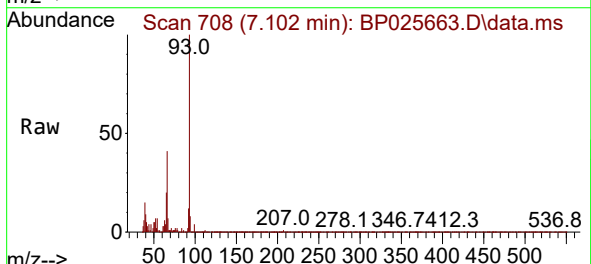
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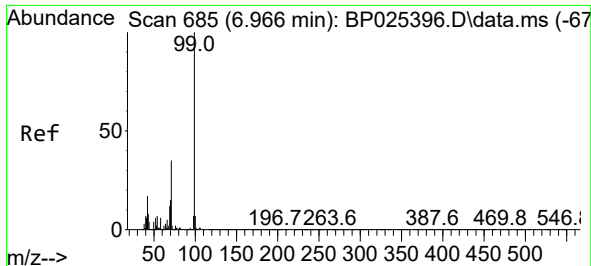
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#6
Aniline
Concen: 3.522 ng
RT: 7.102 min Scan# 708
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion: 93 Resp: 49051
Ion Ratio Lower Upper
93 100
66 40.5 30.4 45.6
65 19.6 15.3 22.9





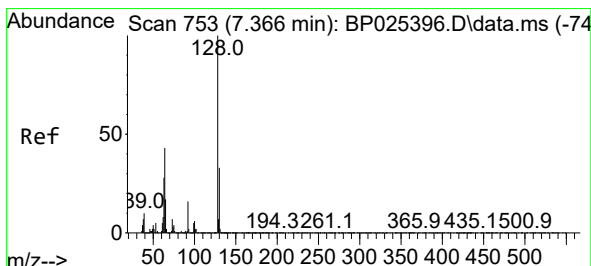
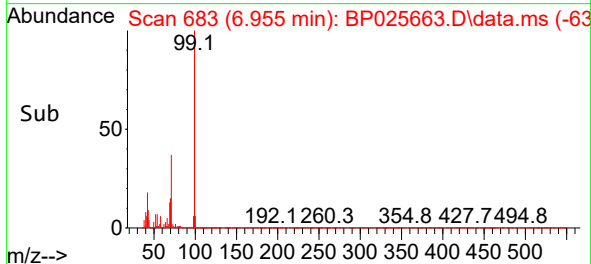
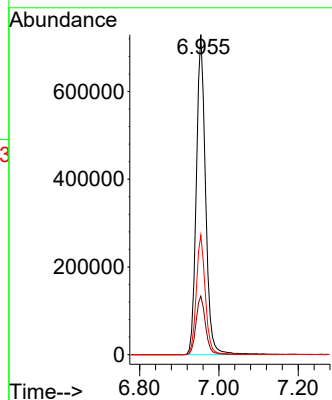
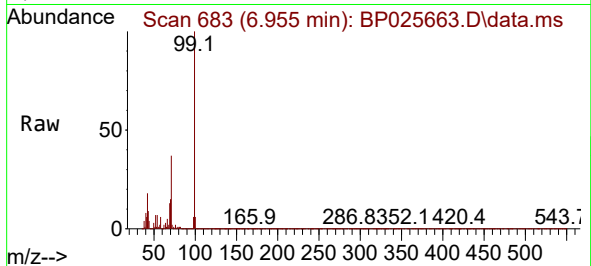
#7
Phenol-d6
Concen: 114.233 ng
RT: 6.955 min Scan# 611
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 99 Resp: 118080
Ion Ratio Lower Upper
99 100
42 18.3 13.7 20.5
71 37.3 28.2 42.4

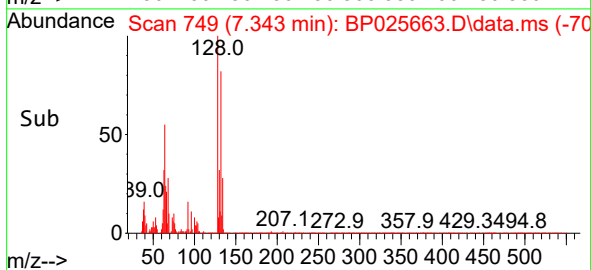
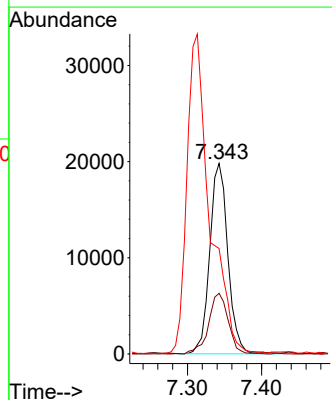
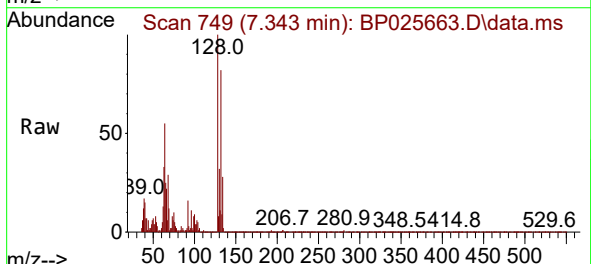
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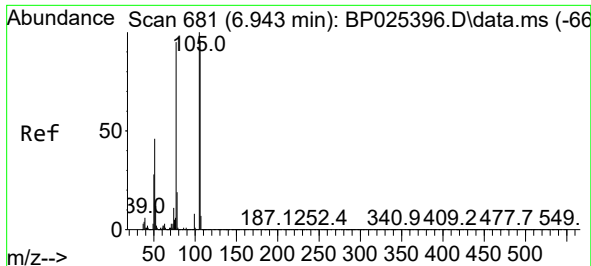
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#8
2-Chlorophenol
Concen: 3.704 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

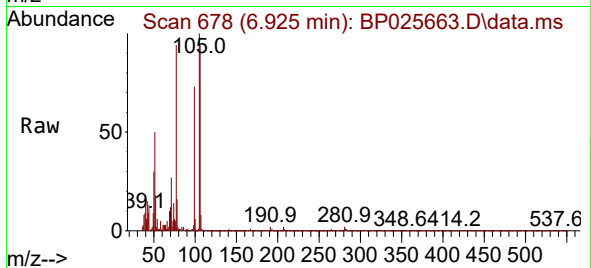
Tgt Ion:128 Resp: 33699
Ion Ratio Lower Upper
128 100
130 31.8 12.6 52.6
64 55.3 23.4 63.4





#9
Benzaldehyde
Concen: 3.845 ng m
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

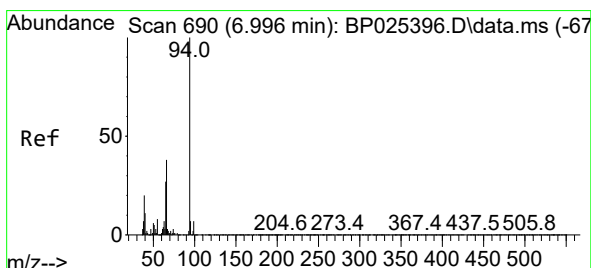
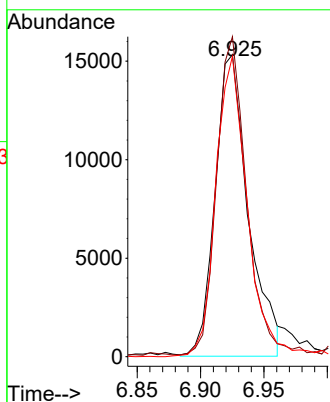
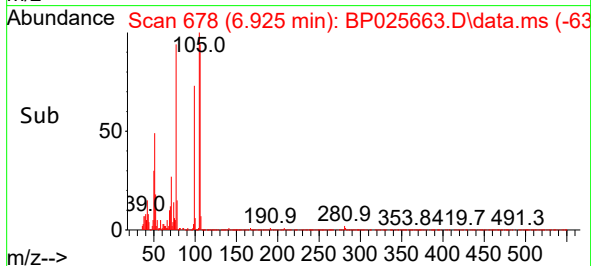
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



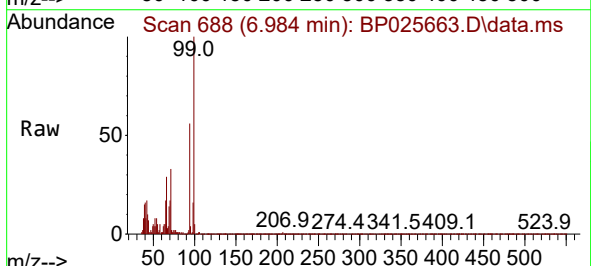
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Ion Ratio Lower Upper
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105 105.9 84.8 124.8
106 99.5 80.5 120.5

Manual Integrations
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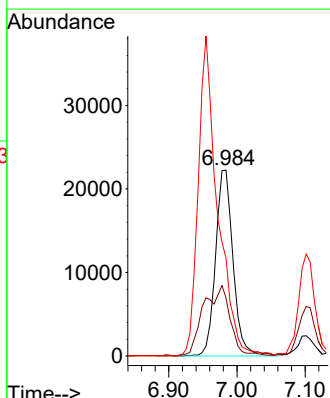
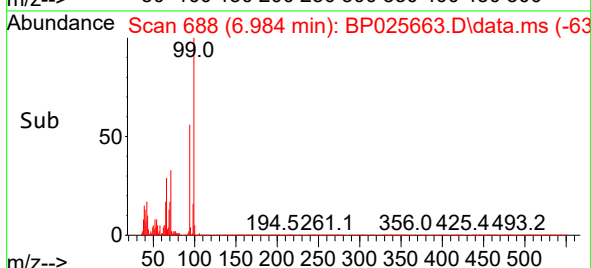
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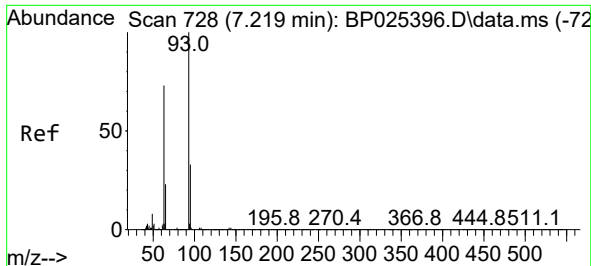


#10
Phenol
Concen: 3.678 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



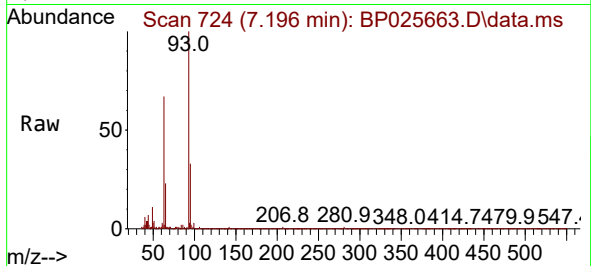
Tgt Ion: 94 Resp: 39894
Ion Ratio Lower Upper
94 100
65 31.1 6.8 46.8
66 52.5 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 3.807 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

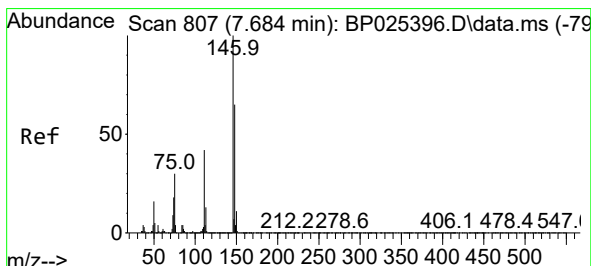
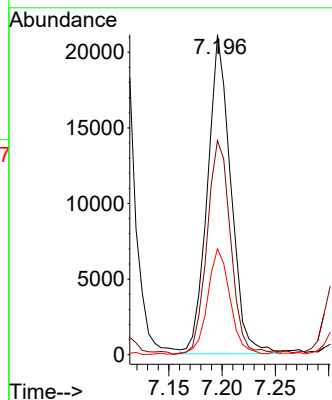
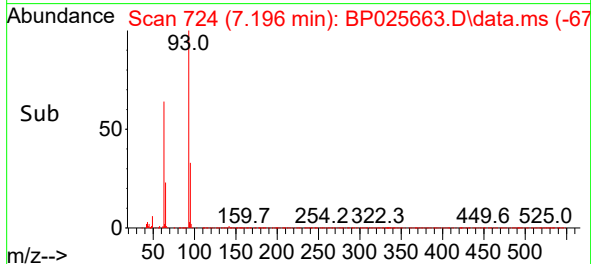
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



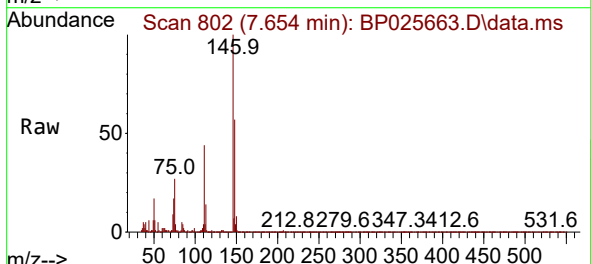
Tgt Ion: 93 Resp: 3218
Ion Ratio Lower Upper
93 100
63 67.0 52.6 92.6
95 33.1 12.7 52.7

Manual Integrations
APPROVED

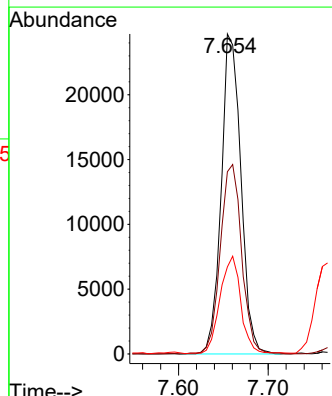
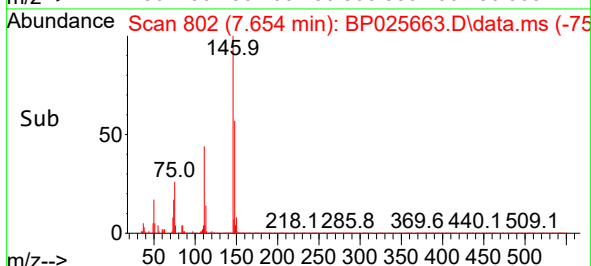
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

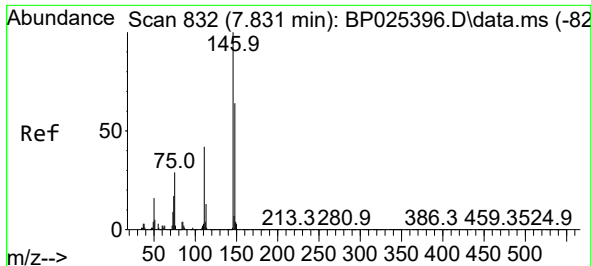


#12
1,3-Dichlorobenzene
Concen: 3.742 ng
RT: 7.654 min Scan# 802
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



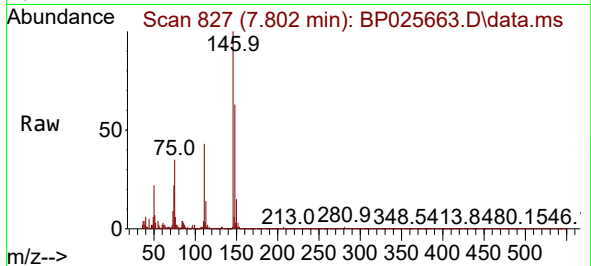
Tgt Ion:146 Resp: 37544
Ion Ratio Lower Upper
146 100
148 56.9 51.9 77.9
75 27.2 23.7 35.5





#13
1,4-Dichlorobenzene
Concen: 3.765 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

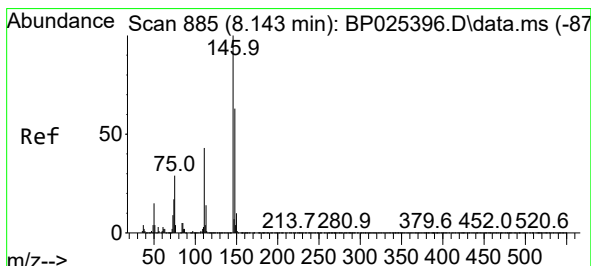
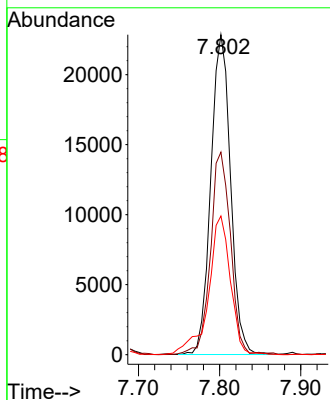
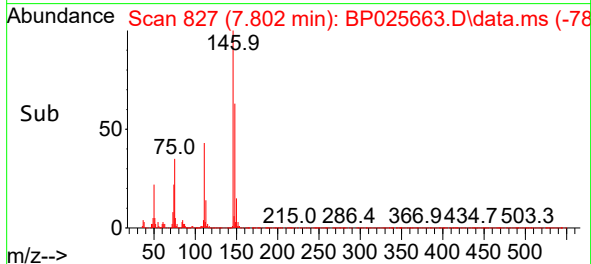
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



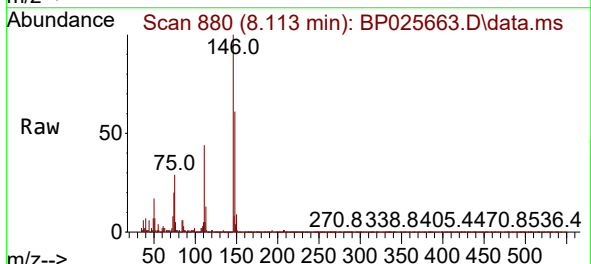
Tgt Ion:146 Resp: 38608
Ion Ratio Lower Upper
146 100
148 63.3 51.6 77.4
111 43.4 33.4 50.0

Manual Integrations
APPROVED

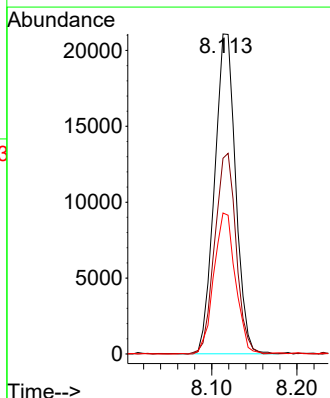
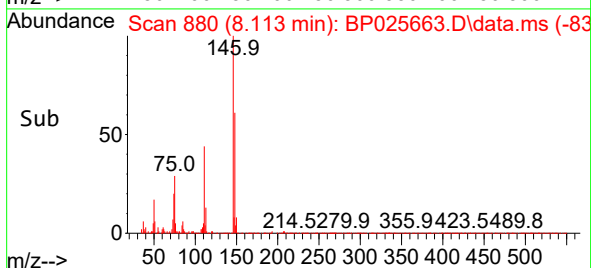
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

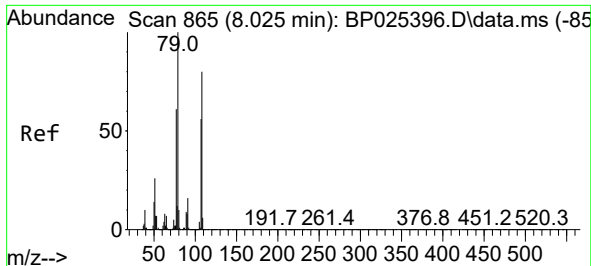


#14
1,2-Dichlorobenzene
Concen: 3.654 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



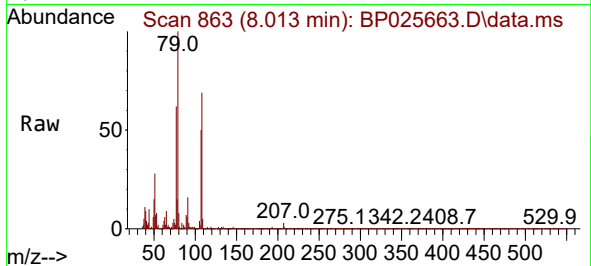
Tgt Ion:146 Resp: 36267
Ion Ratio Lower Upper
146 100
148 61.1 50.4 75.6
111 44.0 34.5 51.7





#15
Benzyl Alcohol
Concen: 3.159 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

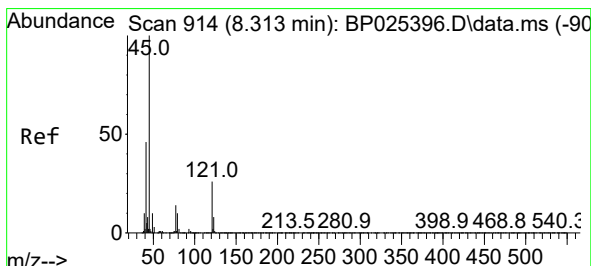
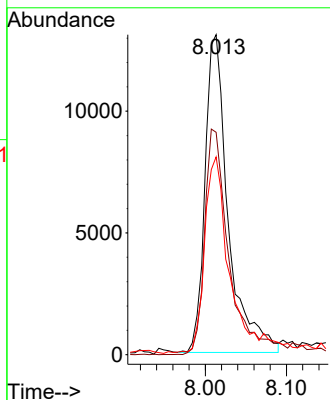
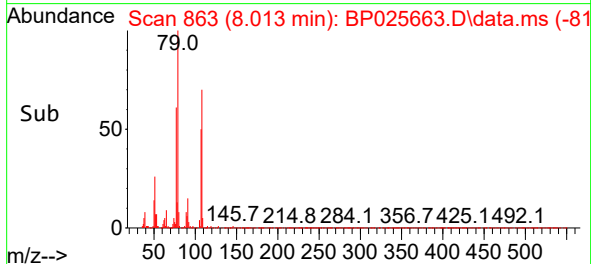
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



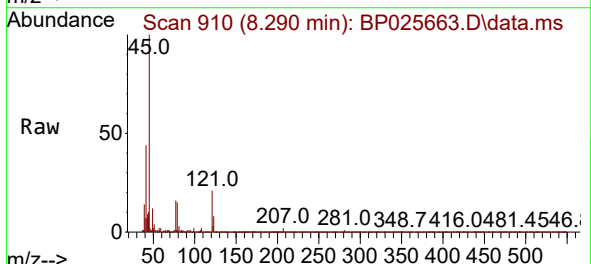
Tgt Ion: 79 Resp: 2594
Ion Ratio Lower Upper
79 100
108 69.5 63.8 95.6
77 61.8 49.0 73.4

Manual Integrations
APPROVED

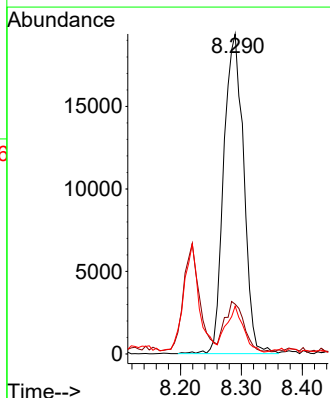
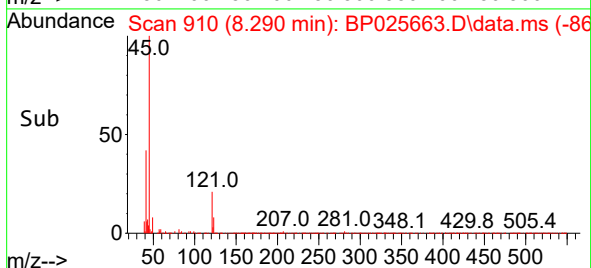
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

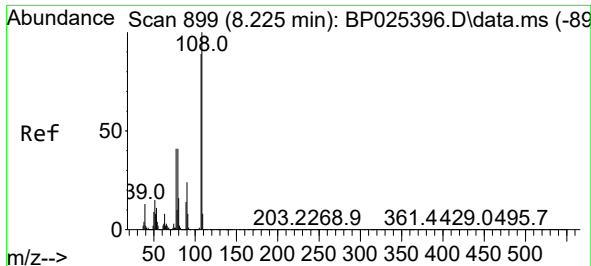


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.879 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



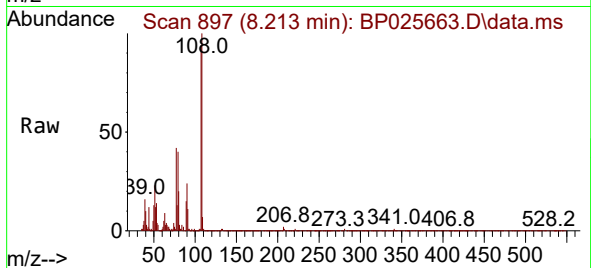
Tgt Ion: 45 Resp: 43934
Ion Ratio Lower Upper
45 100
77 15.5 0.0 35.3
79 15.0 0.0 31.8





#17
2-Methylphenol
Concen: 3.232 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

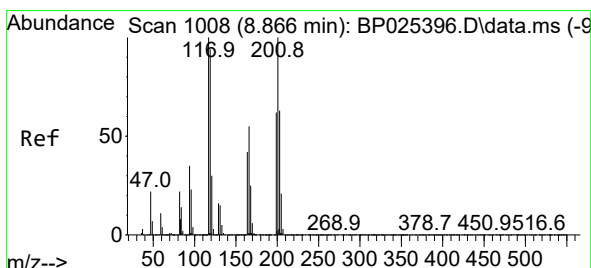
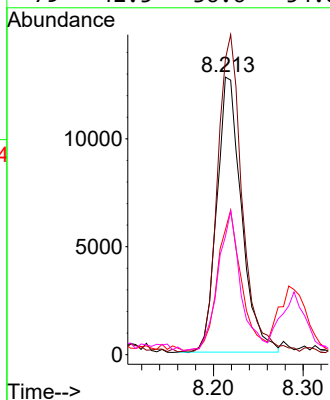
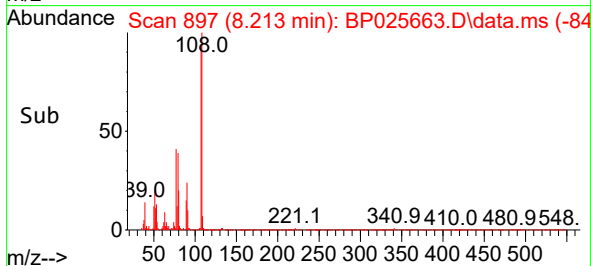
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:	107	Resp:	2434
Ion Ratio	Lower	Upper	
107	100		
108	106.6	89.4	134.0
77	45.0	36.3	54.5
79	42.5	36.6	54.8

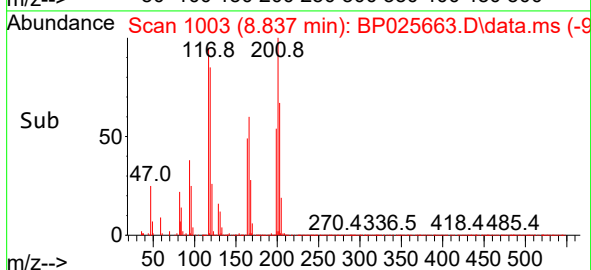
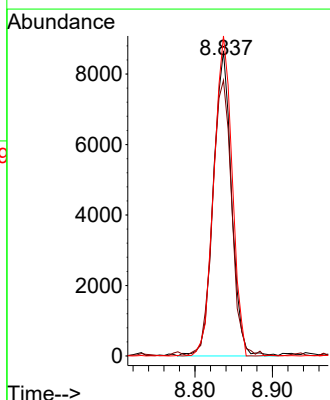
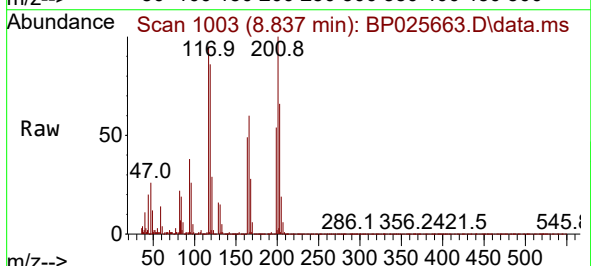
Manual Integrations
APPROVED

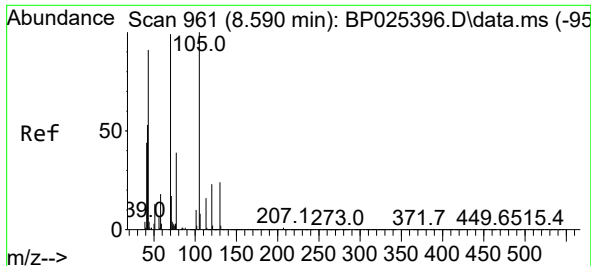
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 3.749 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

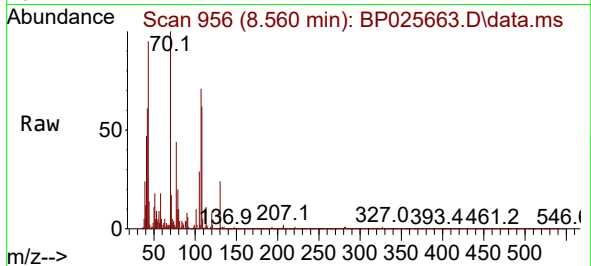
Tgt Ion:	117	Resp:	14136
Ion Ratio	Lower	Upper	
117	100		
119	90.3	75.1	112.7
201	104.9	80.1	120.1





#19
n-Nitroso-di-n-propylamine
Concen: 3.530 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

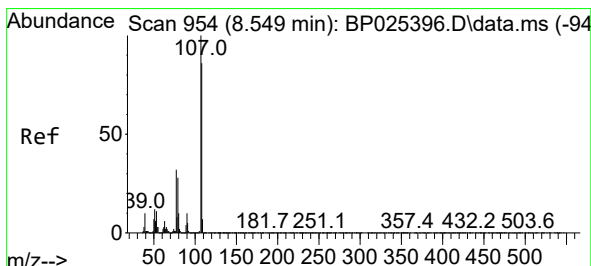
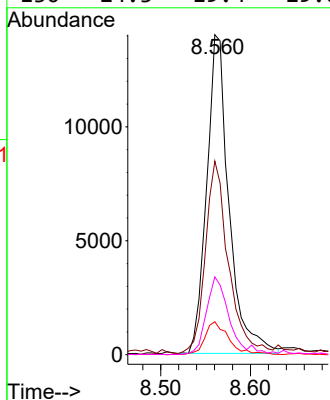
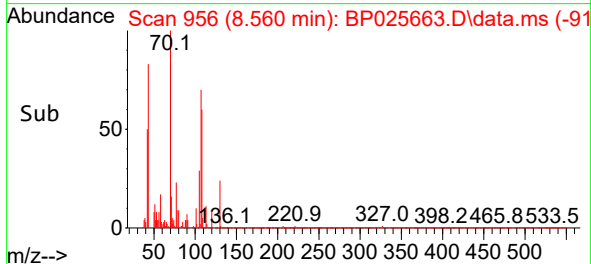
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



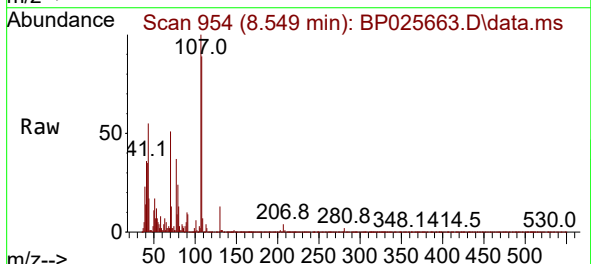
Tgt Ion: 70 Resp: 24170
Ion Ratio Lower Upper
70 100
42 60.5 43.8 65.6
101 10.3 8.5 12.7
130 24.3 19.4 29.0

Manual Integrations
APPROVED

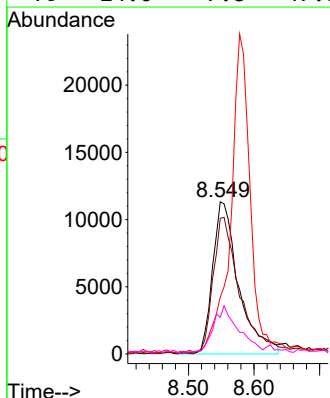
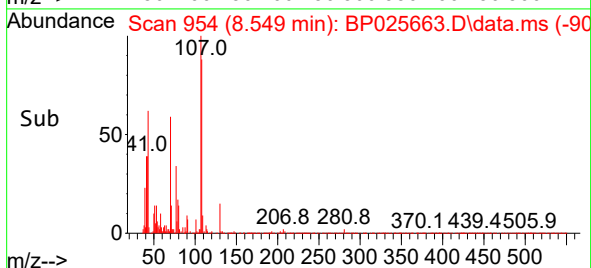
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

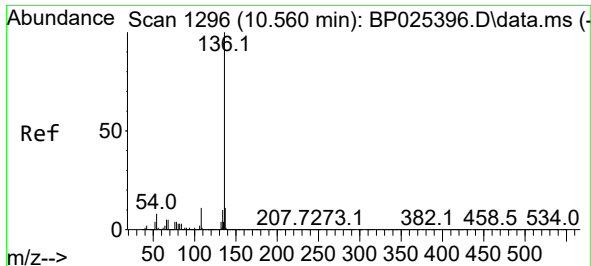


#20
3+4-Methylphenols
Concen: 2.990 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



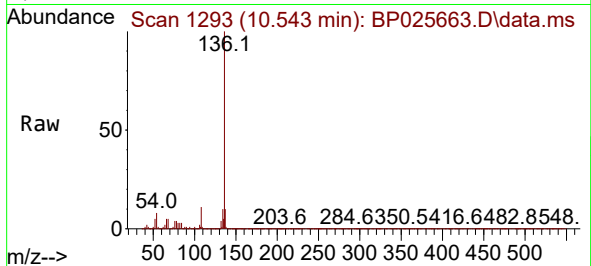
Tgt Ion:107 Resp: 31221
Ion Ratio Lower Upper
107 100
108 89.2 66.3 106.3
77 37.4 12.3 52.3
79 24.0 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

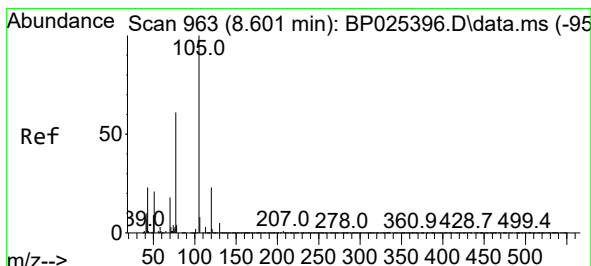
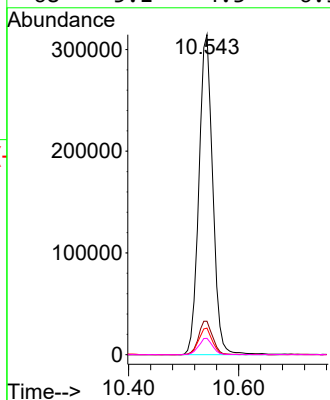
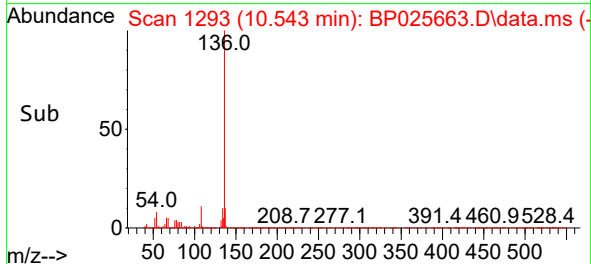
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:136 Resp: 54996
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 8.3 6.0 9.0
68 5.1 4.3 6.5

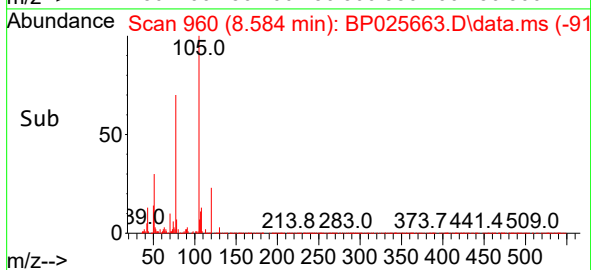
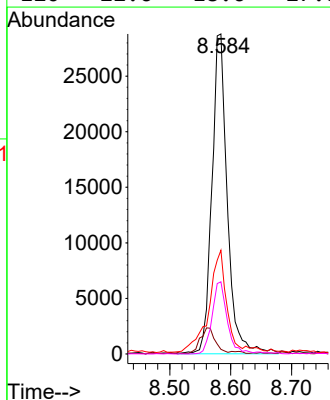
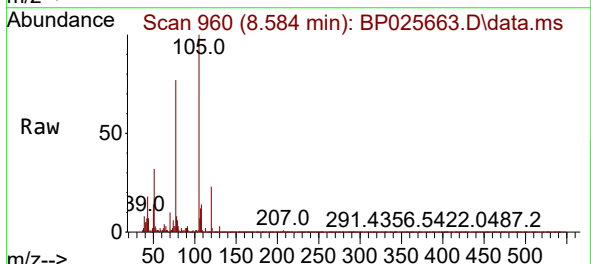
Manual Integrations
APPROVED

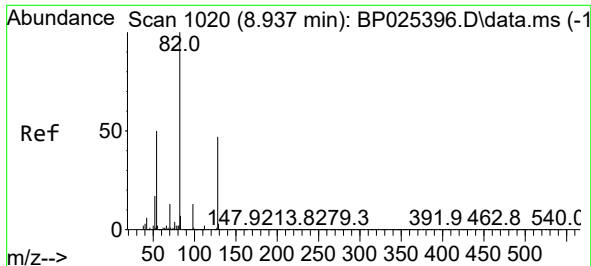
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 3.682 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

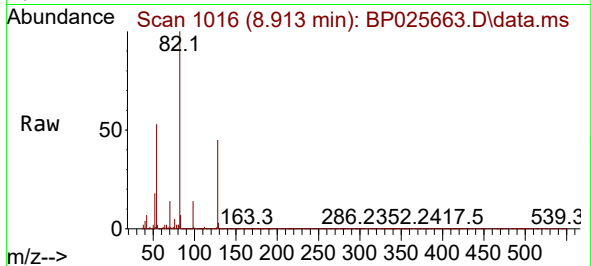
Tgt Ion:105 Resp: 50781
Ion Ratio Lower Upper
105 100
71 1.4 2.6 4.0#
51 32.4 20.6 30.8#
120 22.6 18.6 27.8





#23
Nitrobenzene-d5
Concen: 75.887 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

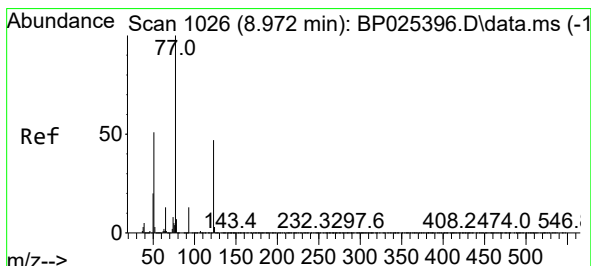
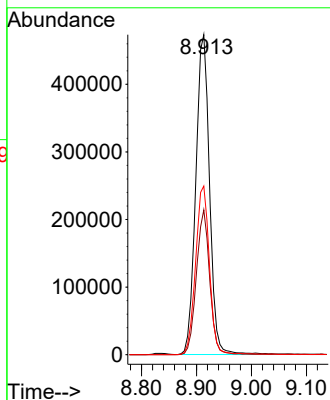
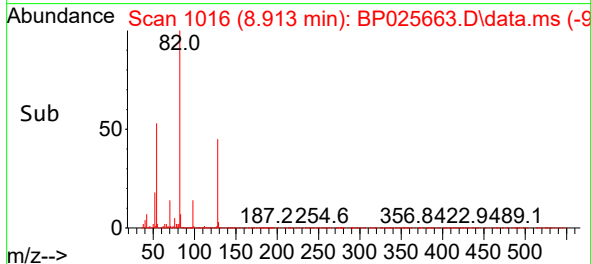
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



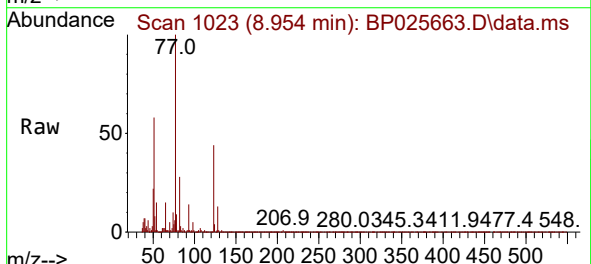
Tgt Ion: 82 Resp: 825034
Ion Ratio Lower Upper
82 100
128 45.3 37.7 56.5
54 52.7 39.8 59.6

Manual Integrations
APPROVED

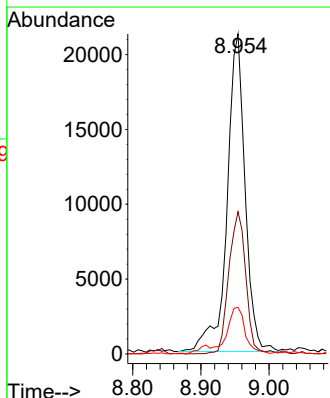
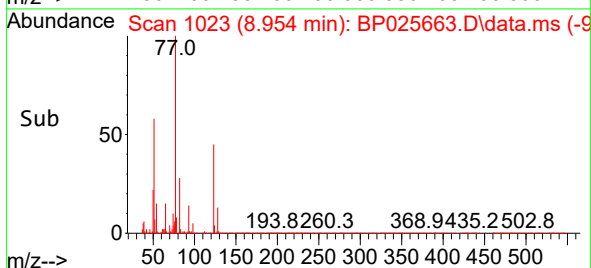
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

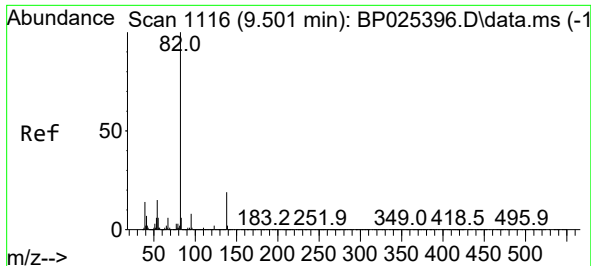


#24
Nitrobenzene
Concen: 4.025 ng
RT: 8.954 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



Tgt Ion: 77 Resp: 39113
Ion Ratio Lower Upper
77 100
123 44.5 38.6 58.0
65 14.6 10.6 15.8





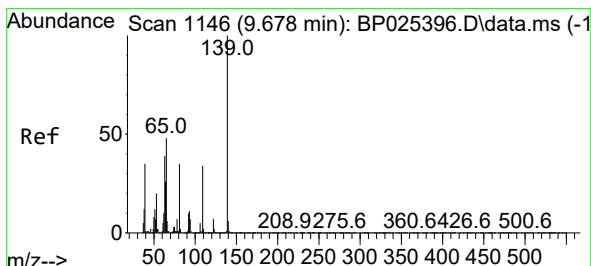
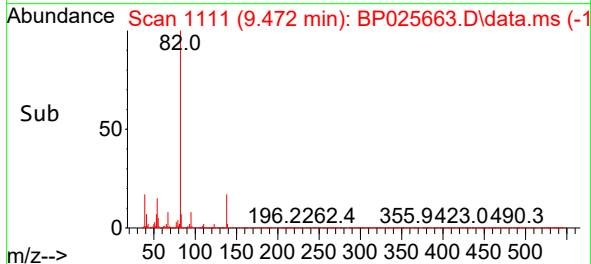
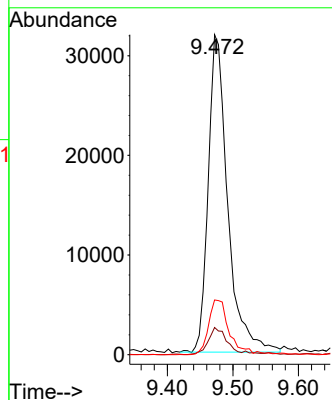
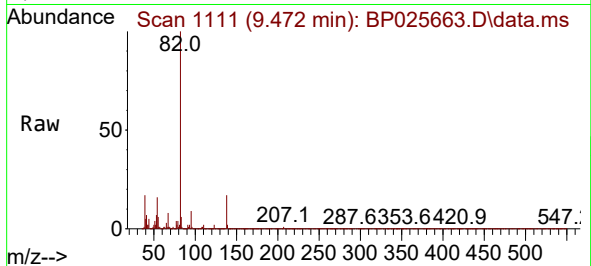
#25
Isophorone
Concen: 3.424 ng
RT: 9.472 min Scan# 1111
Delta R.T. -0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion: 82 Resp: 6588
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 17.1 15.4 23.0

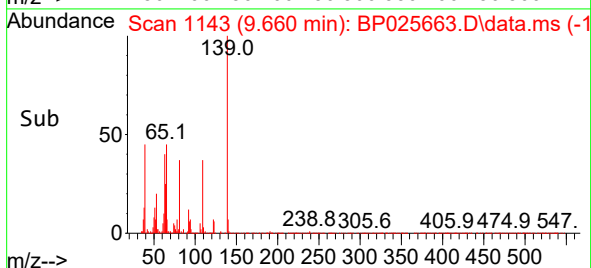
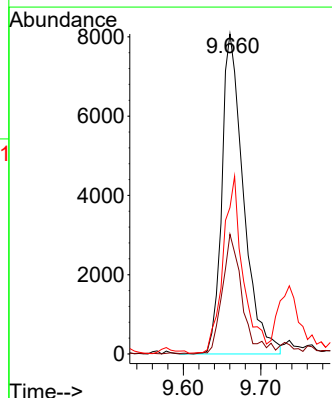
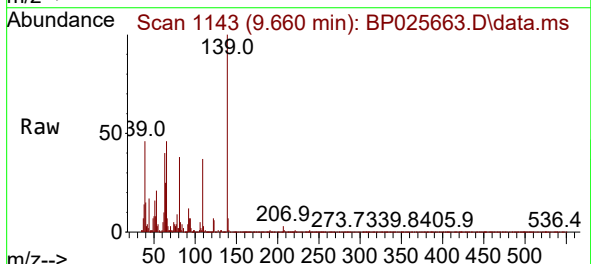
Manual Integrations
APPROVED

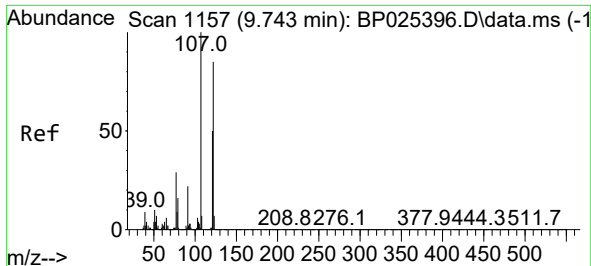
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#26
2-Nitrophenol
Concen: 3.152 ng
RT: 9.660 min Scan# 1143
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

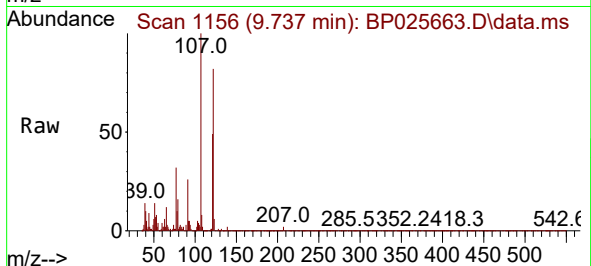
Tgt Ion:139 Resp: 15716
Ion Ratio Lower Upper
139 100
109 37.4 26.9 40.3
65 45.7 38.3 57.5





#27
2,4-Dimethylphenol
Concen: 3.152 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

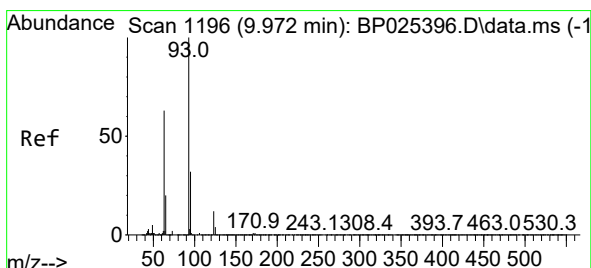
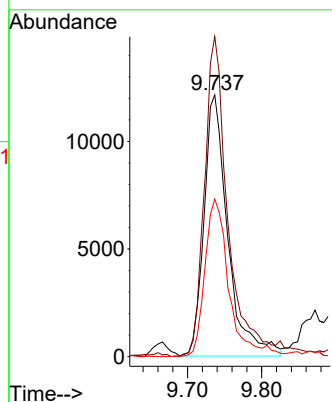
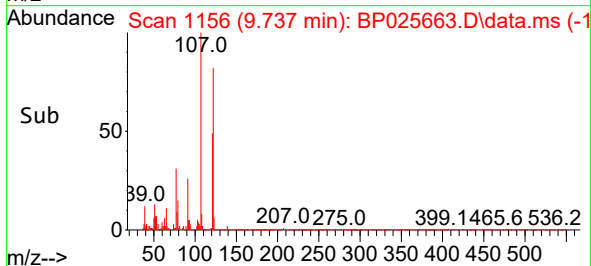
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 122 Resp: 27029
Ion Ratio Lower Upper
122 100
107 122.3 93.7 140.5
121 60.2 46.6 69.8

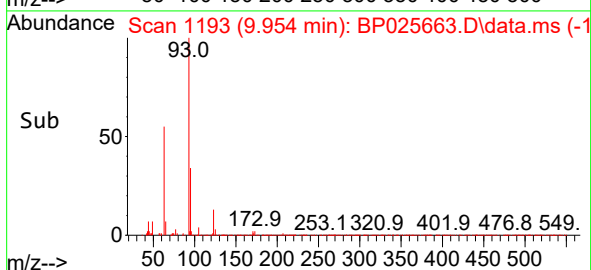
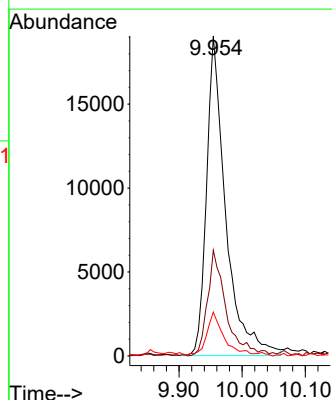
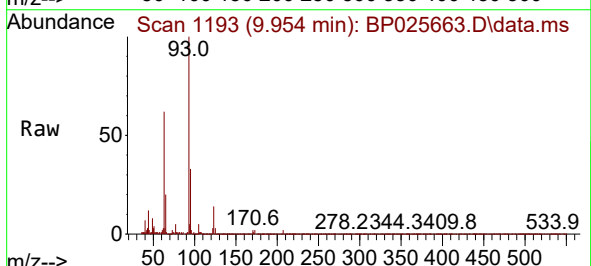
Manual Integrations
APPROVED

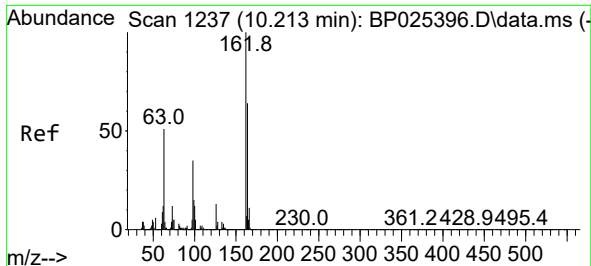
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#28
bis(2-Chloroethoxy)methane
Concen: 3.453 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

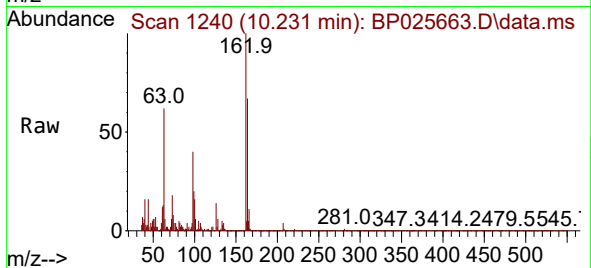
Tgt Ion: 93 Resp: 40157
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.0
123 13.7 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 2.853 ng
RT: 10.231 min Scan# 1237
Delta R.T. 0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

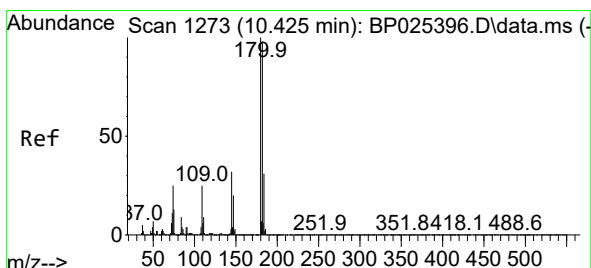
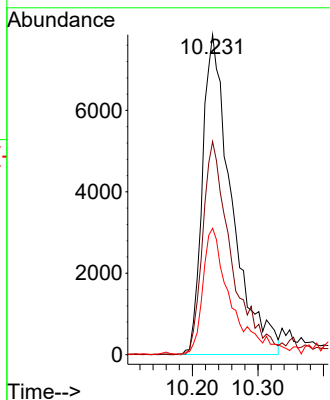
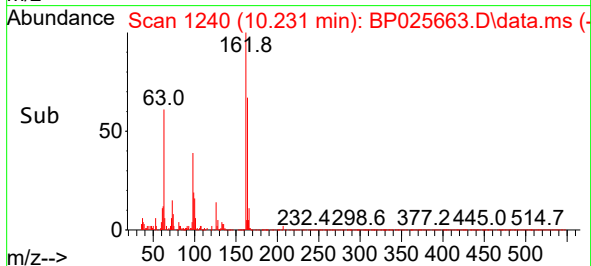
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



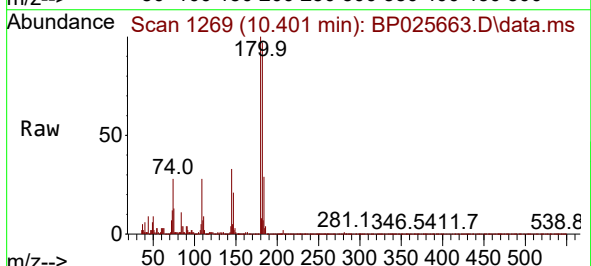
Tgt Ion:162 Resp: 2430
Ion Ratio Lower Upper
162 100
164 66.6 44.4 84.4
98 39.5 14.9 54.9

Manual Integrations
APPROVED

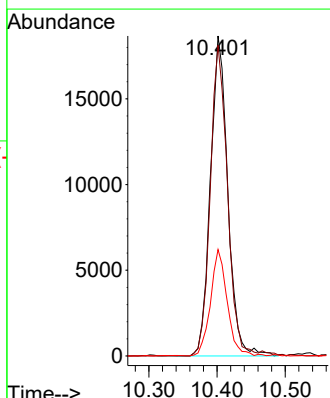
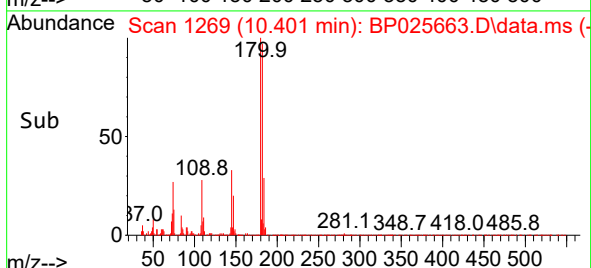
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

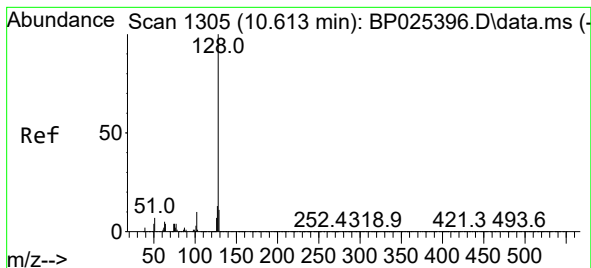


#30
1,2,4-Trichlorobenzene
Concen: 3.547 ng
RT: 10.401 min Scan# 1269
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



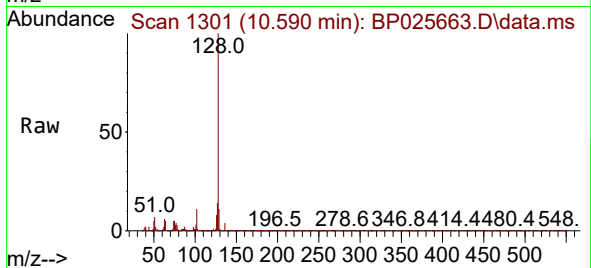
Tgt Ion:180 Resp: 33123
Ion Ratio Lower Upper
180 100
182 97.1 78.0 117.0
145 33.3 25.9 38.9





#31
Naphthalene
Concen: 3.681 ng
RT: 10.590 min Scan# 1130
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

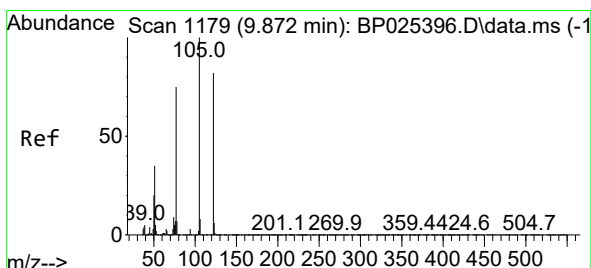
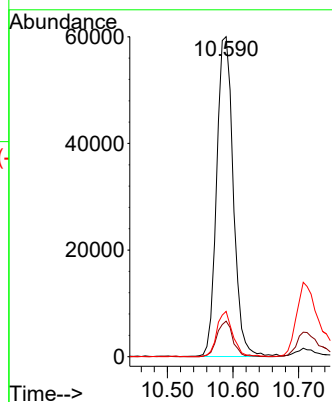
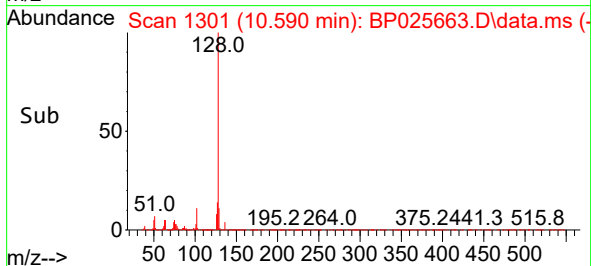
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:128 Resp: 10521
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 14.2 10.7 16.1

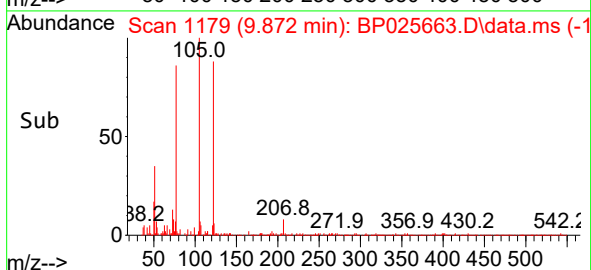
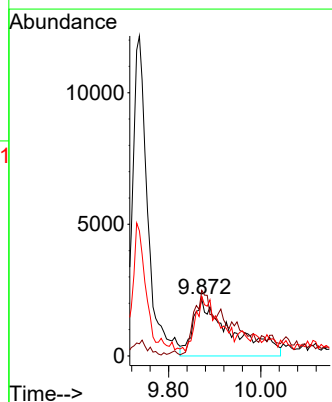
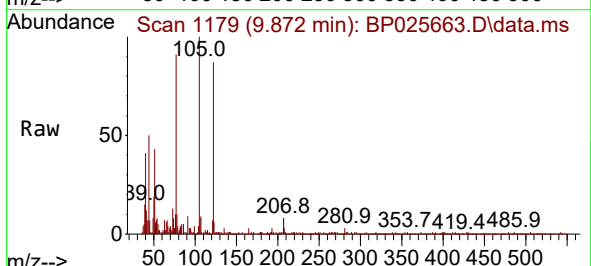
Manual Integrations
APPROVED

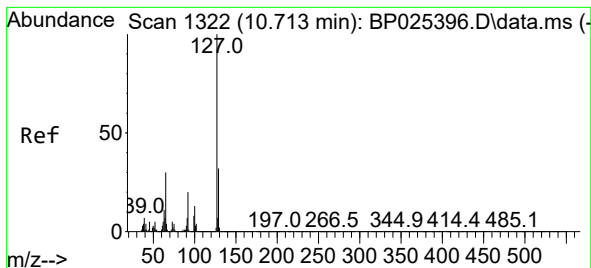
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#32
Benzoic acid
Concen: 1.956 ng m
RT: 9.872 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:122 Resp: 12383
Ion Ratio Lower Upper
122 100
105 115.1 100.6 140.6
77 104.6 71.5 111.5





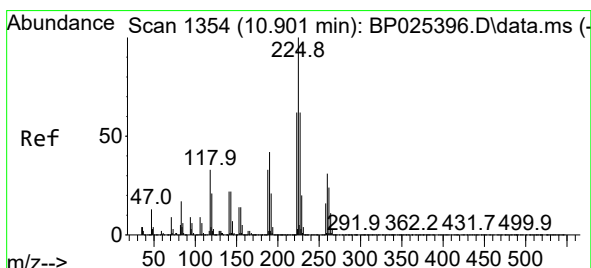
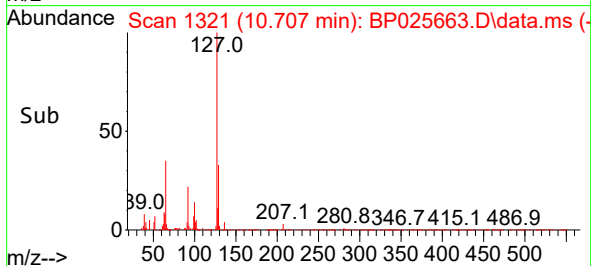
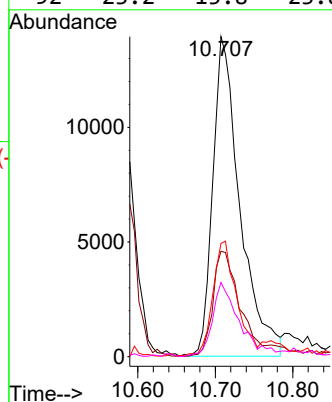
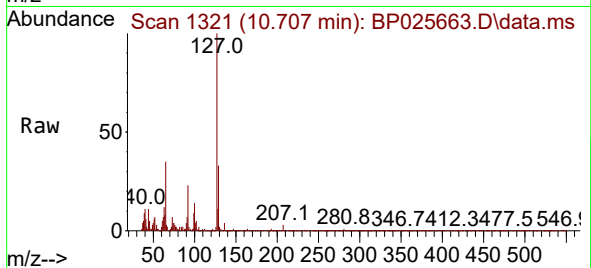
#33
4-Chloroaniline
Concen: 2.690 ng
RT: 10.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.4	38.2
65	35.4	23.8	35.6
92	23.2	15.8	23.8

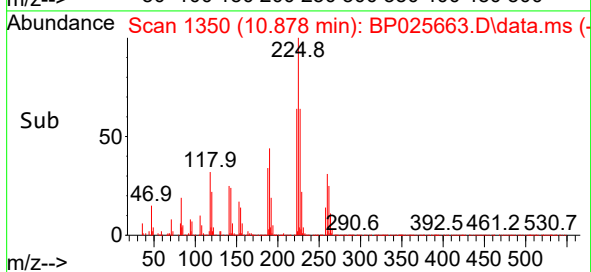
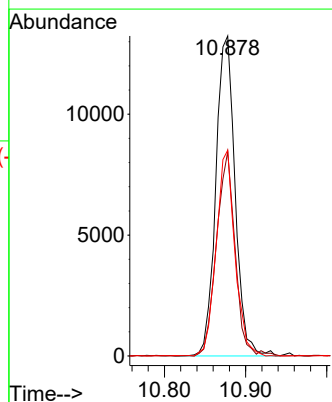
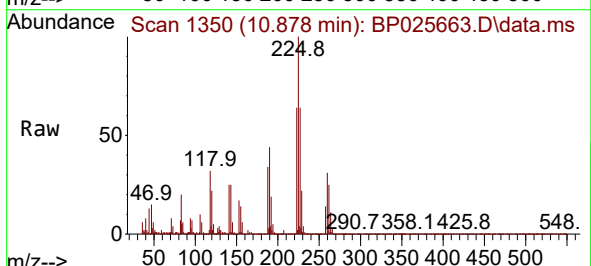
Manual Integrations
APPROVED

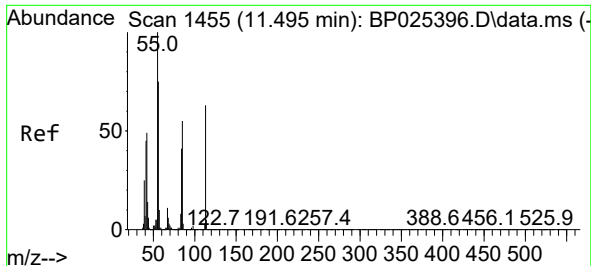
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#34
Hexachlorobutadiene
Concen: 3.760 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

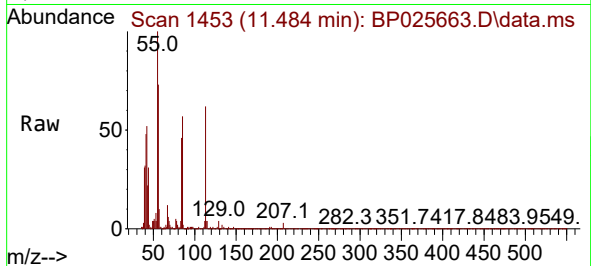
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.0	75.0
227	64.3	49.7	74.5





#35
Caprolactam
Concen: 3.070 ng
RT: 11.484 min Scan# 1455
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

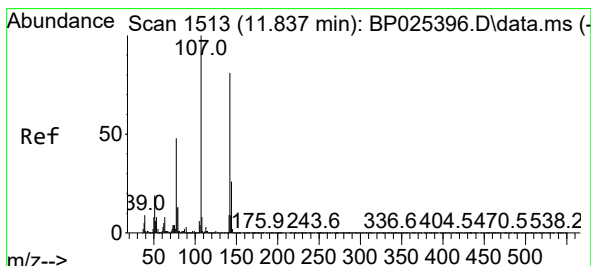
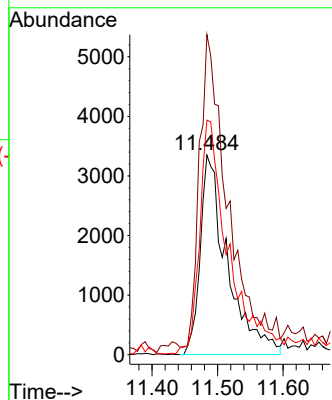
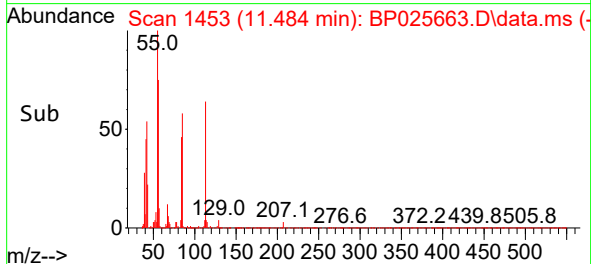
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



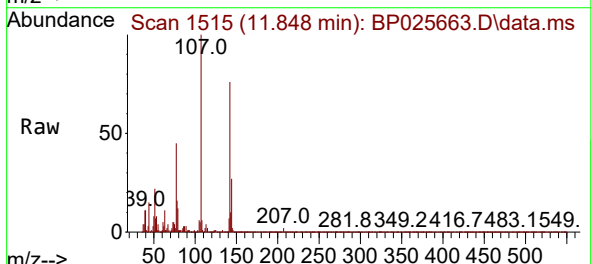
Tgt Ion:113 Resp: 9589
Ion Ratio Lower Upper
113 100
55 160.3 140.0 180.0
56 117.5 100.0 140.0

Manual Integrations
APPROVED

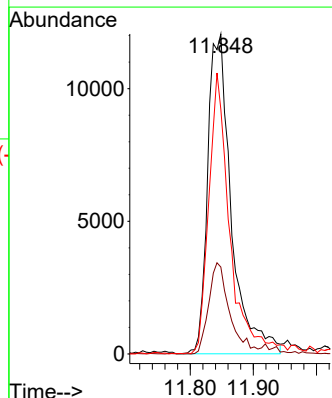
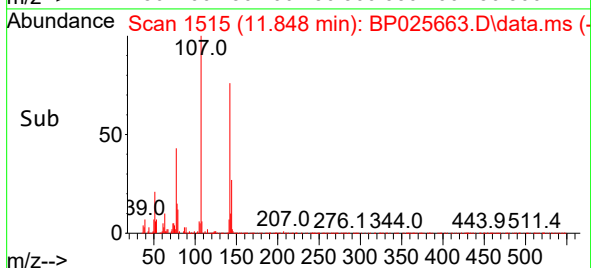
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

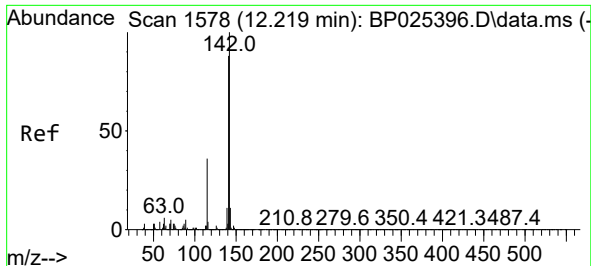


#36
4-Chloro-3-methylphenol
Concen: 3.196 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



Tgt Ion:107 Resp: 31245
Ion Ratio Lower Upper
107 100
144 27.1 21.0 31.4
142 76.5 64.6 97.0





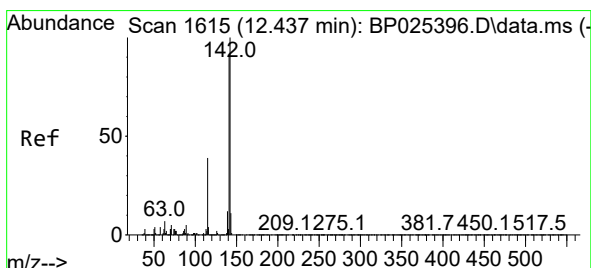
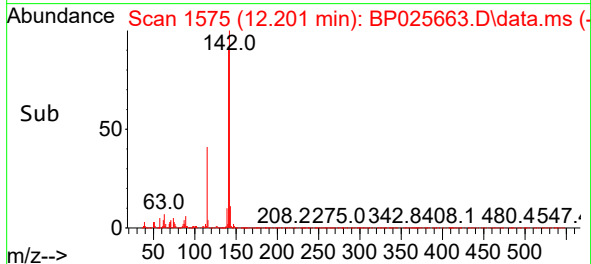
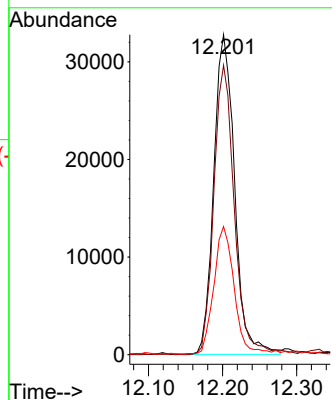
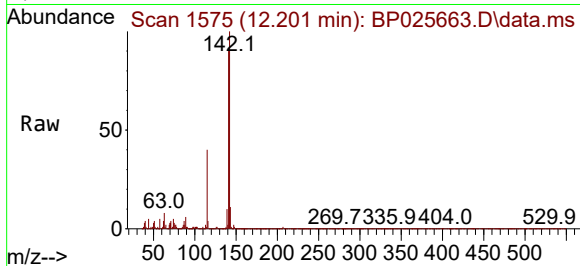
#37
2-Methylnaphthalene
Concen: 3.440 ng
RT: 12.201 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:142 Resp: 63980
Ion Ratio Lower Upper
142 100
141 90.5 70.3 105.5
115 40.1 28.9 43.3

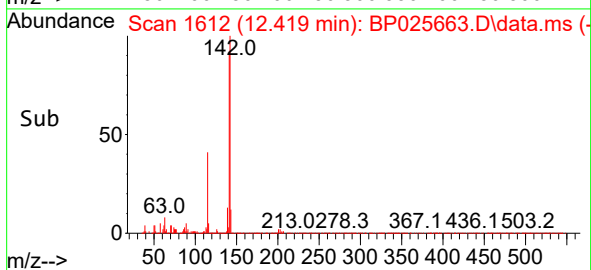
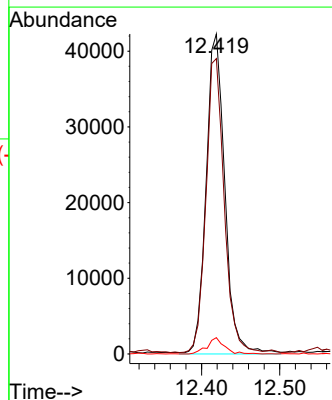
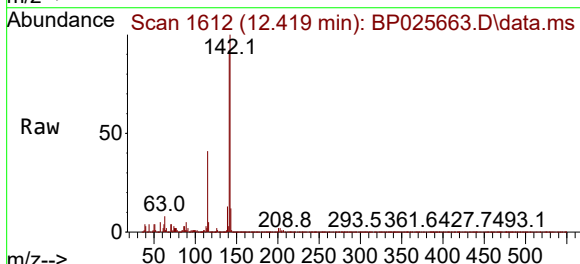
Manual Integrations
APPROVED

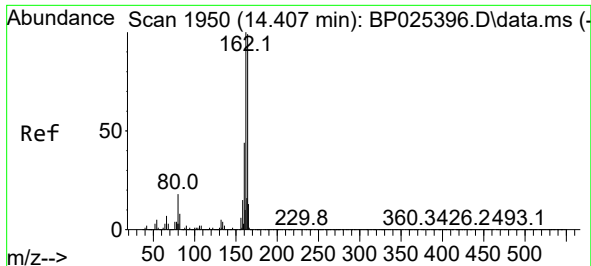
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#38
1-Methylnaphthalene
Concen: 3.557 ng m
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

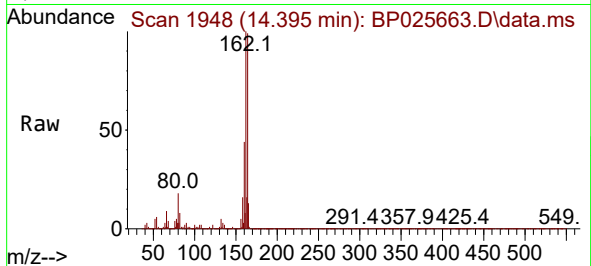
Tgt Ion:142 Resp: 70369
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7
116 5.1 3.2 4.8#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.395 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

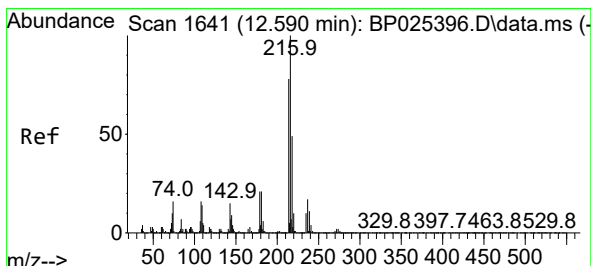
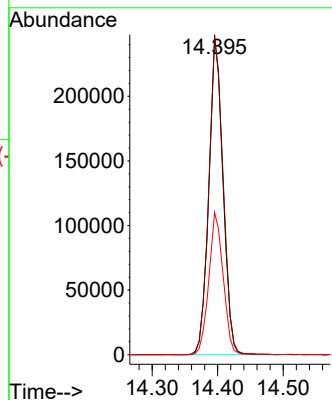
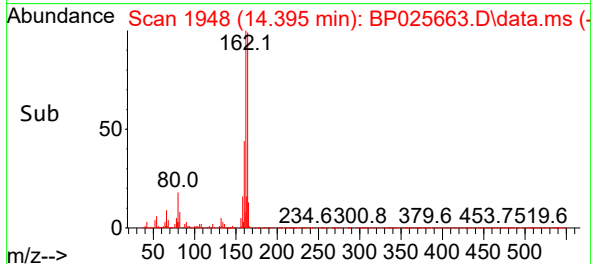
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



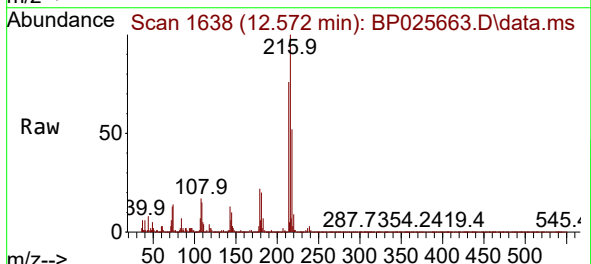
Tgt Ion:164 Resp: 36906
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.6
160 44.9 35.4 53.2

Manual Integrations
APPROVED

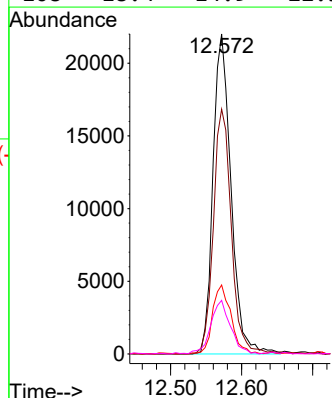
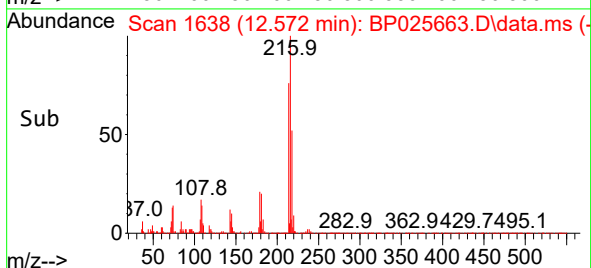
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

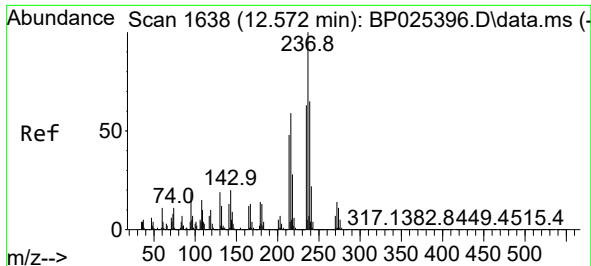


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.632 ng
RT: 12.572 min Scan# 1638
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



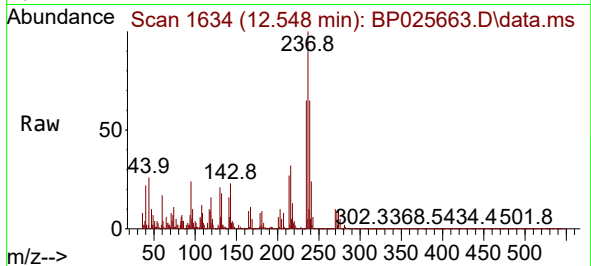
Tgt Ion:216 Resp: 38710
Ion Ratio Lower Upper
216 100
214 76.3 63.0 94.4
179 22.1 17.1 25.7
108 18.4 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 1.367 ng
RT: 12.548 min Scan# 1634
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

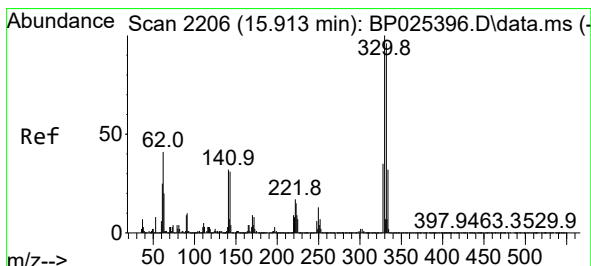
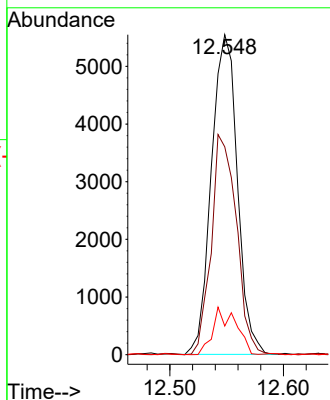
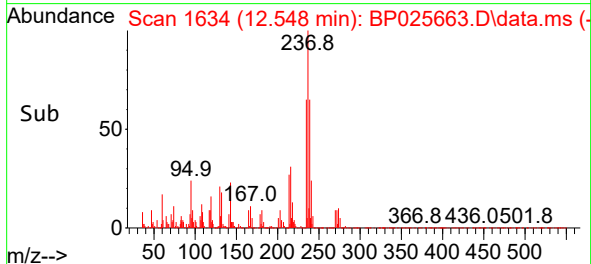
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion: 237 Resp: 880
Ion Ratio Lower Upper
237 100
235 64.9 42.7 82.7
272 8.9 0.0 34.0

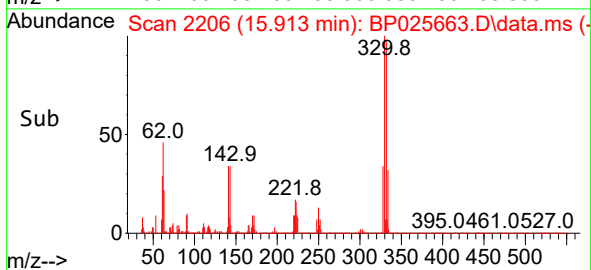
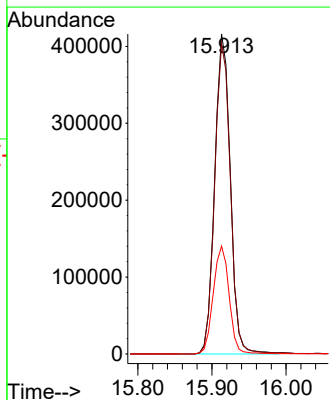
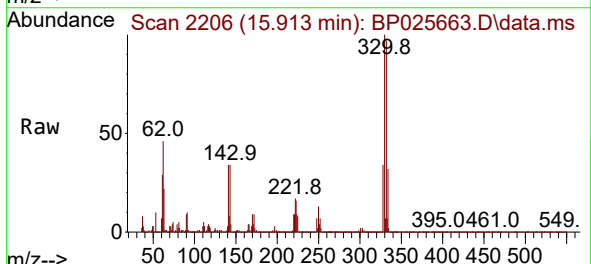
Manual Integrations
APPROVED

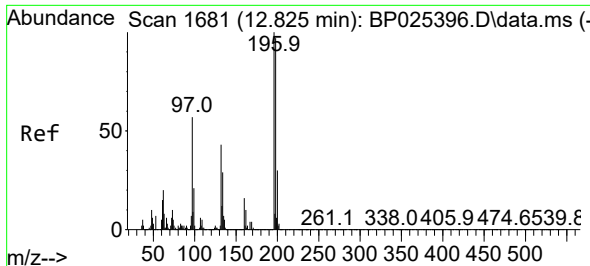
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#42
2,4,6-Tribromophenol
Concen: 122.470 ng
RT: 15.913 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

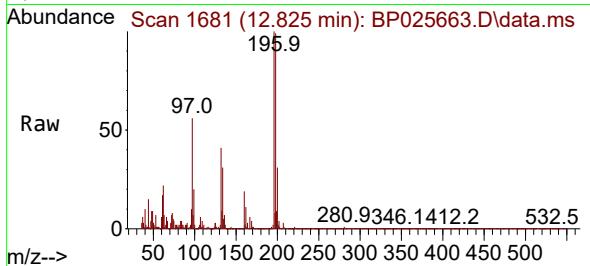
Tgt Ion: 330 Resp: 608388
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 34.3 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 3.147 ng
RT: 12.825 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

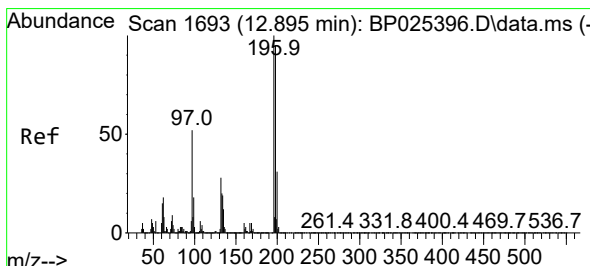
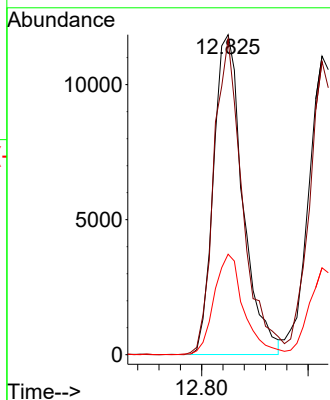
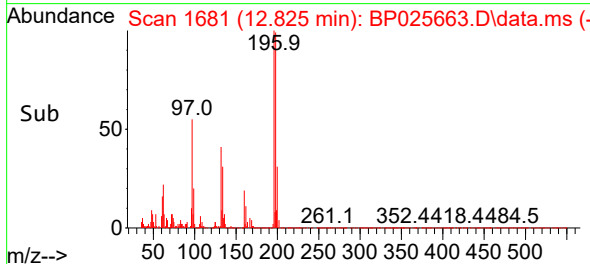
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



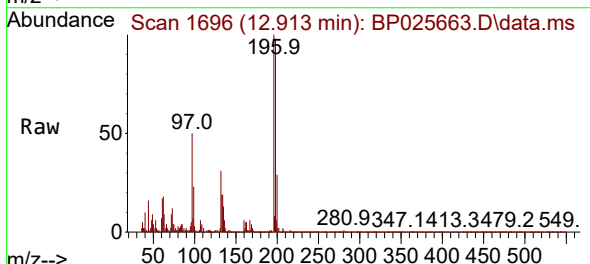
Tgt Ion:196 Resp: 22644
Ion Ratio Lower Upper
196 100
198 98.7 77.2 115.8
200 31.4 23.9 35.9

Manual Integrations
APPROVED

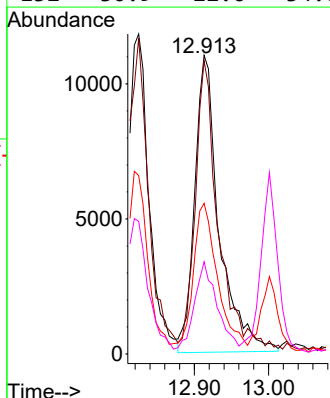
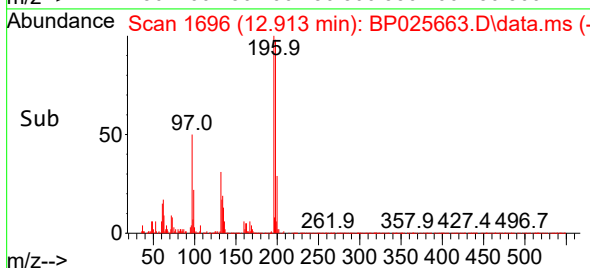
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

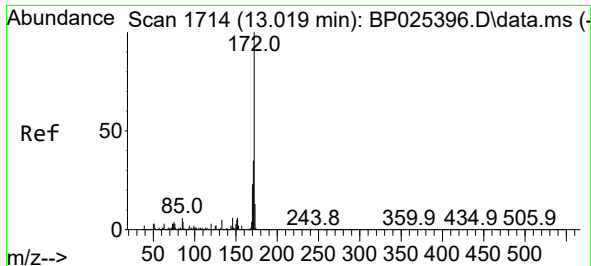


#44
2,4,5-Trichlorophenol
Concen: 3.195 ng
RT: 12.913 min Scan# 1696
Delta R.T. 0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



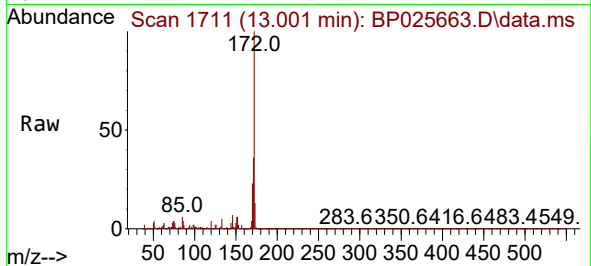
Tgt Ion:196 Resp: 25197
Ion Ratio Lower Upper
196 100
198 98.2 76.2 114.2
97 50.4 41.2 61.8
132 30.9 22.6 34.0





#45
2-Fluorobiphenyl
Concen: 73.331 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

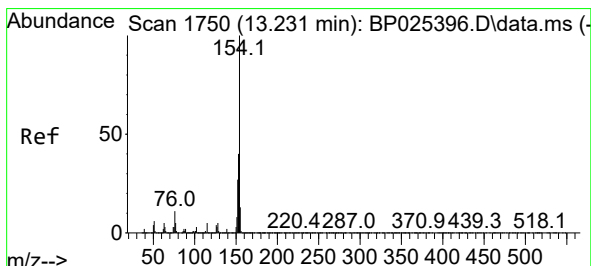
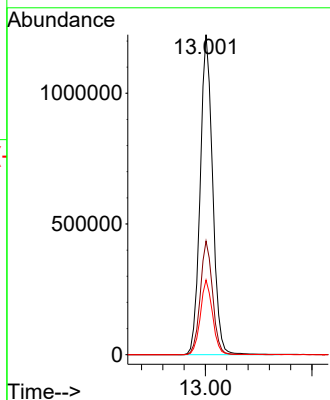
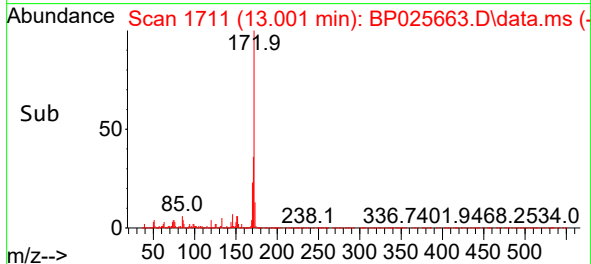
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



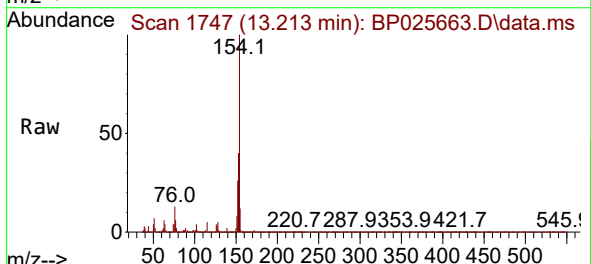
Tgt Ion:172 Resp: 198026
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.3 18.6 28.0

Manual Integrations
APPROVED

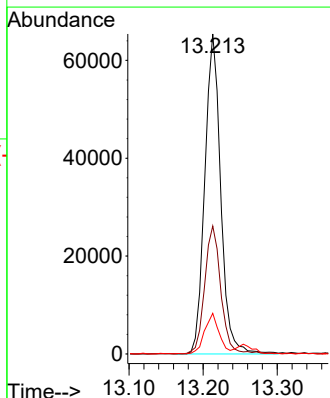
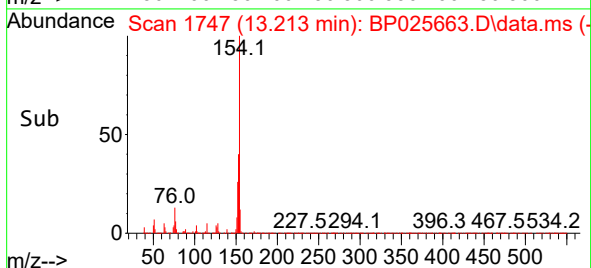
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

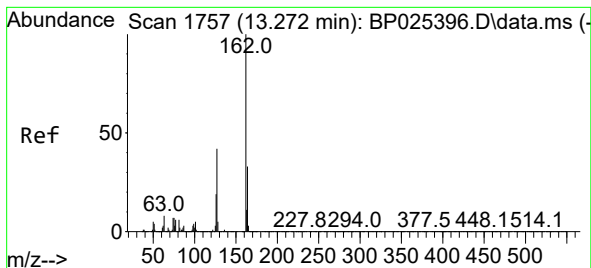


#46
1,1'-Biphenyl
Concen: 3.642 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



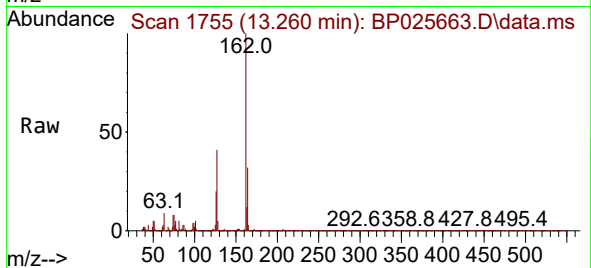
Tgt Ion:154 Resp: 97608
Ion Ratio Lower Upper
154 100
153 40.0 19.5 59.5
76 12.7 0.0 31.1





#47
2-Chloronaphthalene
Concen: 3.630 ng
RT: 13.260 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

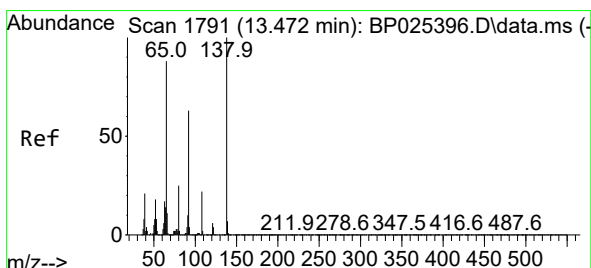
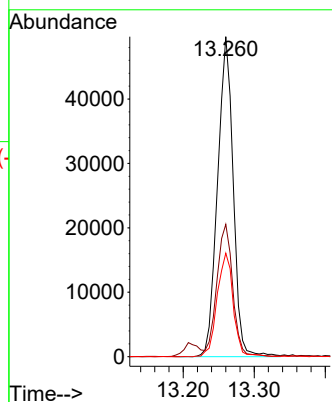
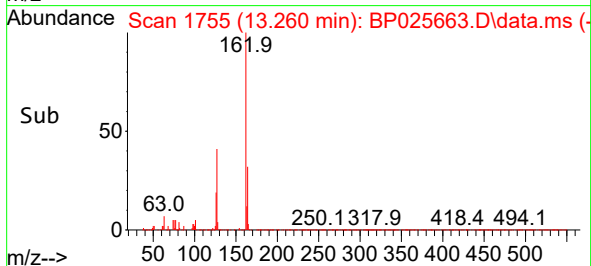
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



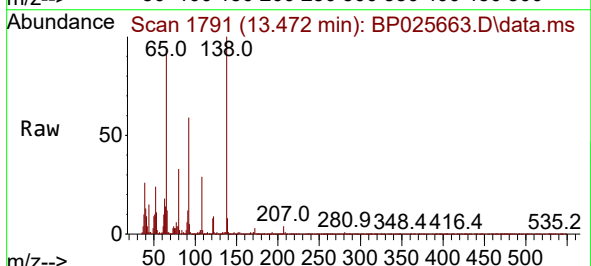
Tgt Ion: 162 Resp: 7575
Ion Ratio Lower Upper
162 100
127 41.4 33.4 50.2
164 32.3 26.2 39.2

Manual Integrations
APPROVED

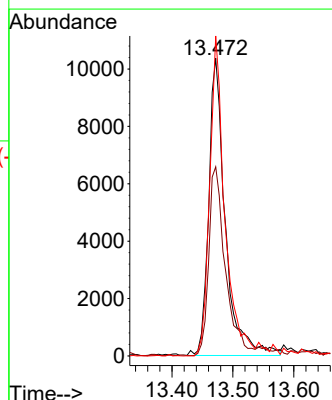
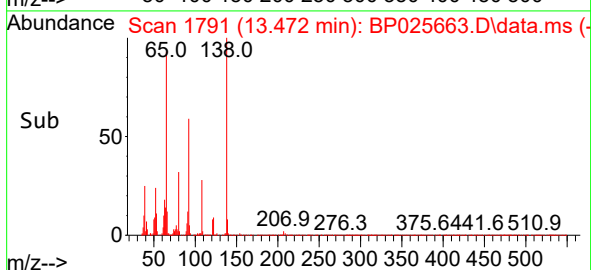
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

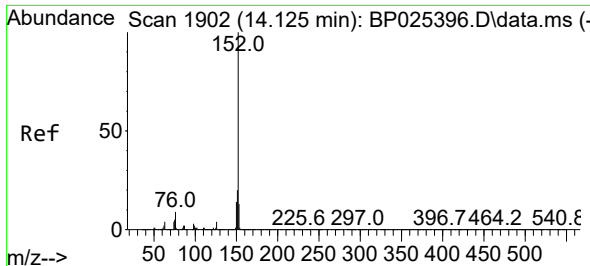


#48
2-Nitroaniline
Concen: 3.231 ng
RT: 13.472 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



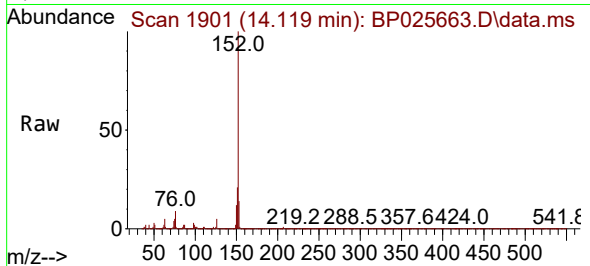
Tgt Ion: 65 Resp: 19642
Ion Ratio Lower Upper
65 100
92 63.5 57.6 86.4
138 107.4 91.0 136.6





#49
Acenaphthylene
Concen: 3.489 ng
RT: 14.119 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

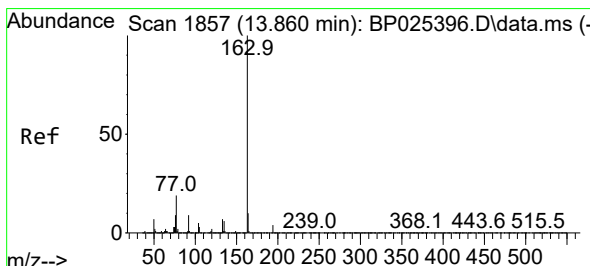
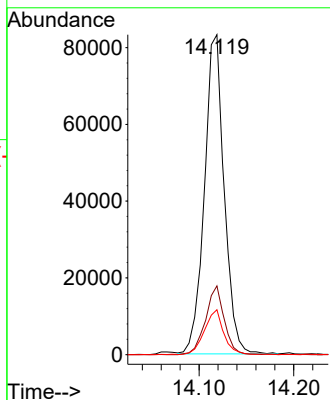
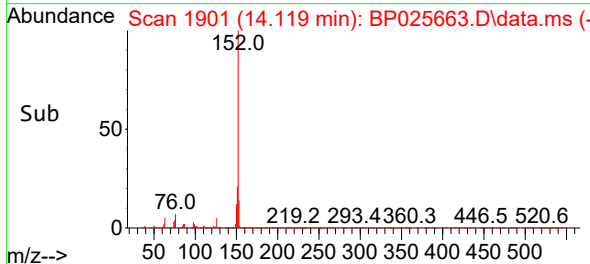
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



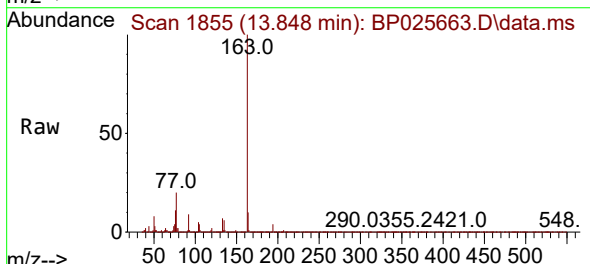
Tgt Ion:152 Resp: 120472
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 14.1 10.6 15.8

Manual Integrations
APPROVED

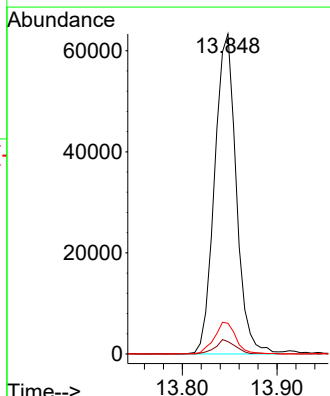
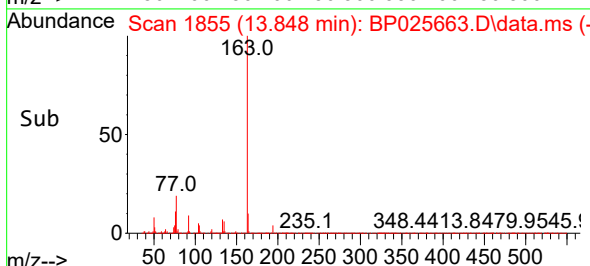
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

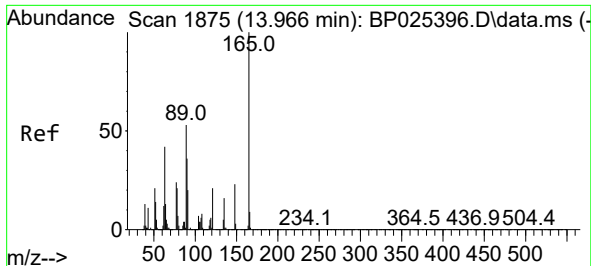


#50
Dimethylphthalate
Concen: 3.734 ng
RT: 13.848 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



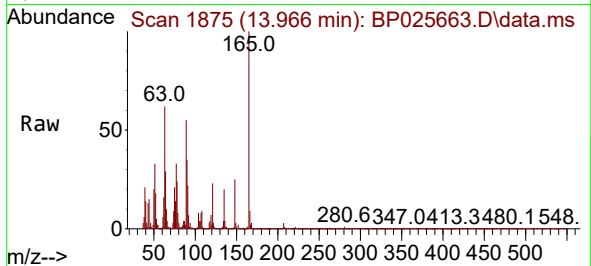
Tgt Ion:163 Resp: 100906
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 9.6 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 3.497 ng
RT: 13.966 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

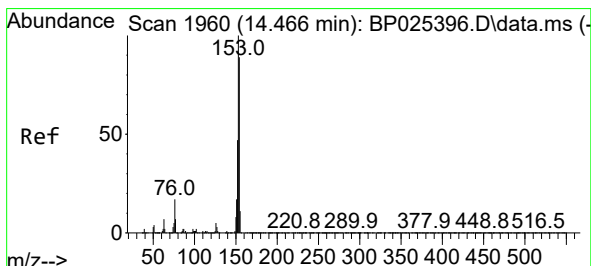
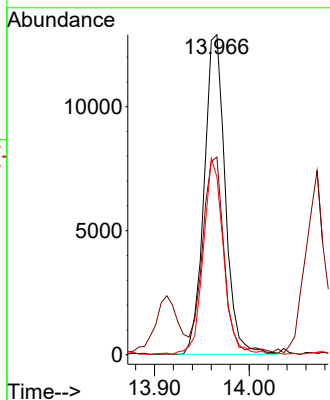
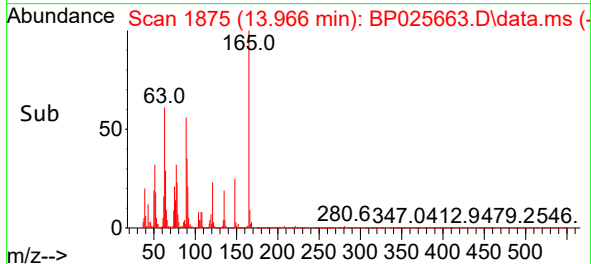
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:165 Resp: 1992
Ion Ratio Lower Upper
165 100
63 61.7 40.9 61.3
89 55.5 42.1 63.1

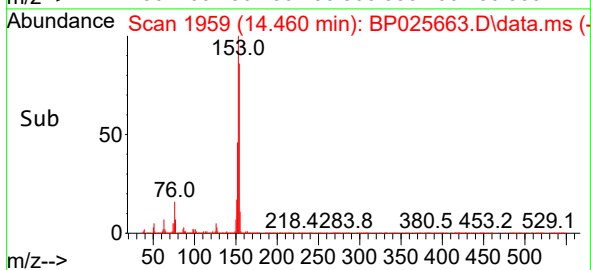
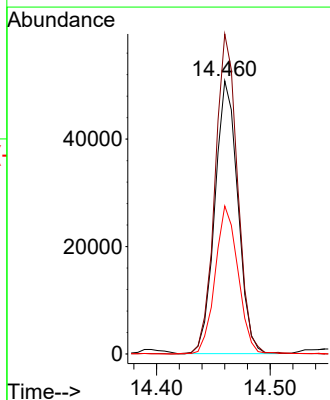
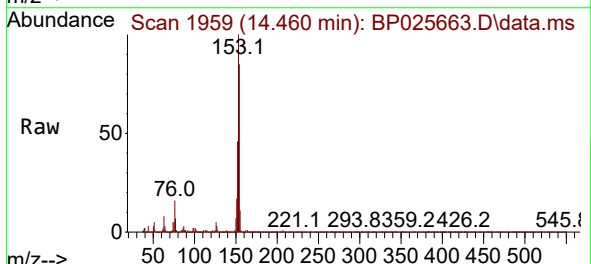
Manual Integrations
APPROVED

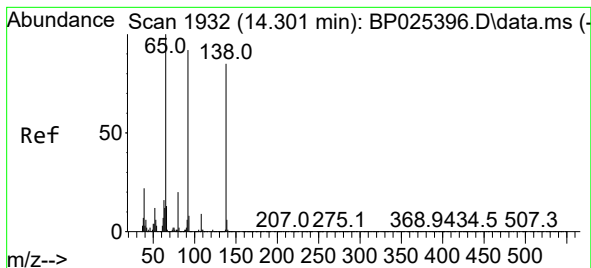
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 3.534 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

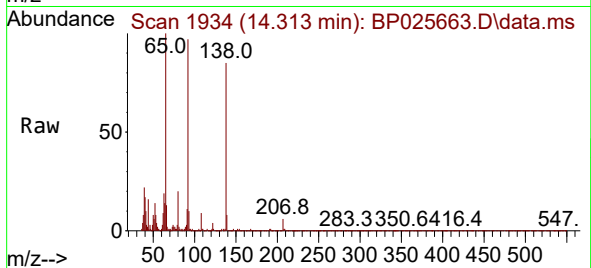
Tgt Ion:154 Resp: 71623
Ion Ratio Lower Upper
154 100
153 117.1 90.2 135.2
152 54.2 42.1 63.1





#53
3-Nitroaniline
Concen: 2.894 ng
RT: 14.313 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

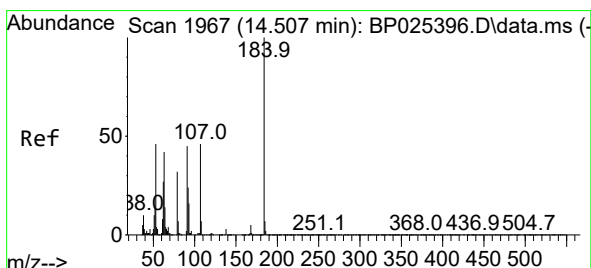
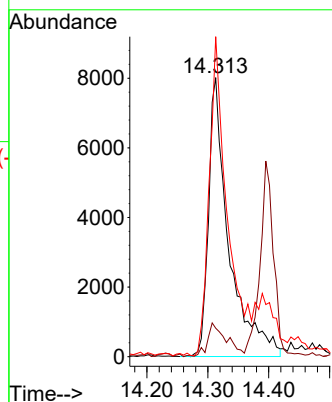
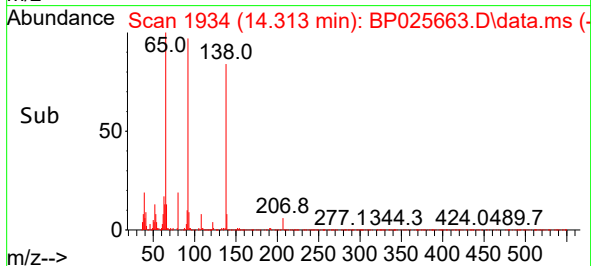
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



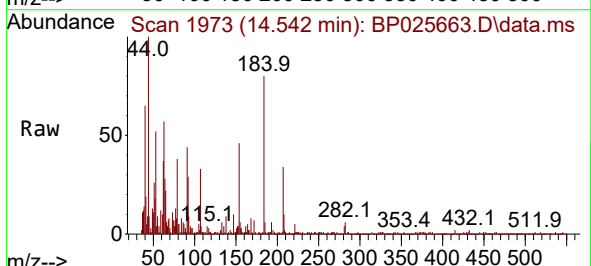
Tgt Ion:138 Resp: 1854
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 114.6 86.2 129.2

Manual Integrations
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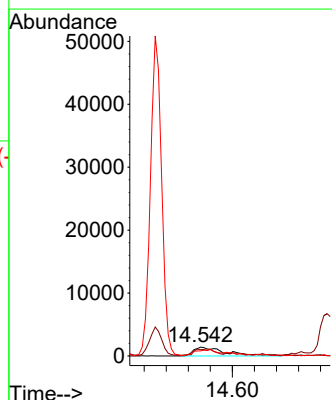
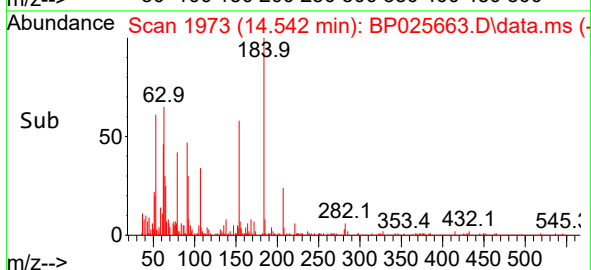
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

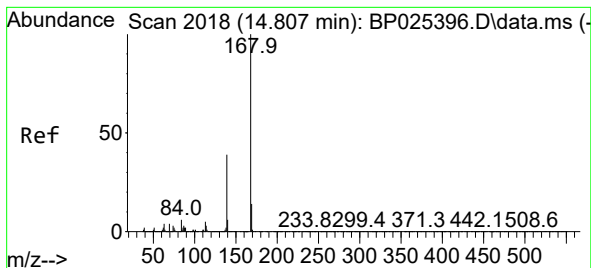


#54
2,4-Dinitrophenol
Concen: 1.882 ng m
RT: 14.542 min Scan# 1973
Delta R.T. 0.035 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



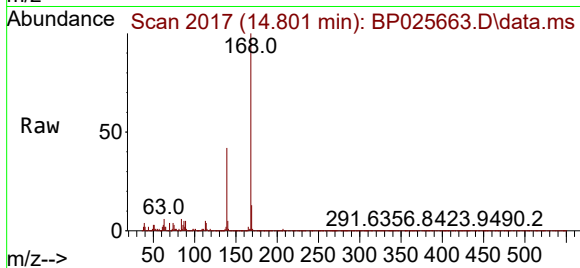
Tgt Ion:184 Resp: 5724
Ion Ratio Lower Upper
184 100
63 71.7 49.4 74.2
154 57.6 54.6 82.0





#55
Dibenzenofuran
Concen: 3.719 ng
RT: 14.801 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

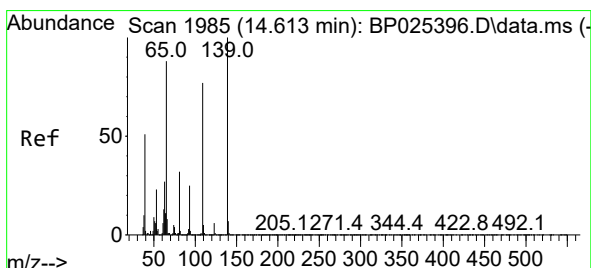
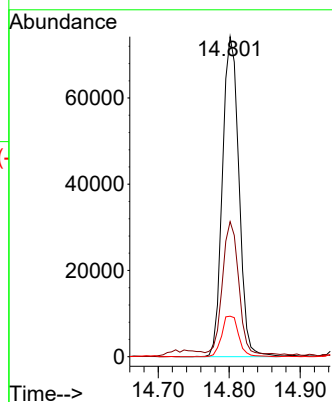
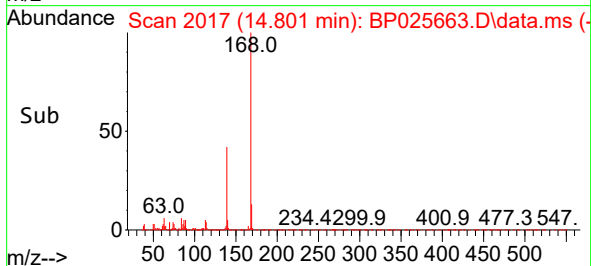
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



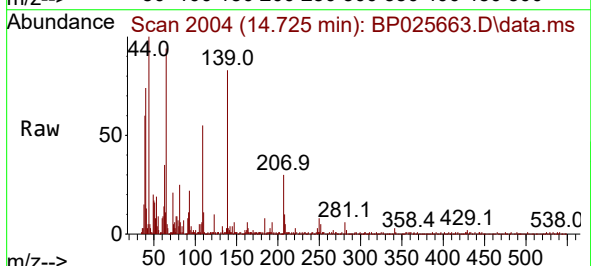
Tgt Ion:168 Resp: 119160
Ion Ratio Lower Upper
168 100
139 42.2 31.5 47.3
169 12.6 10.9 16.3

Manual Integrations
APPROVED

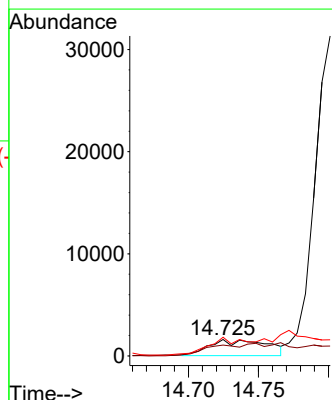
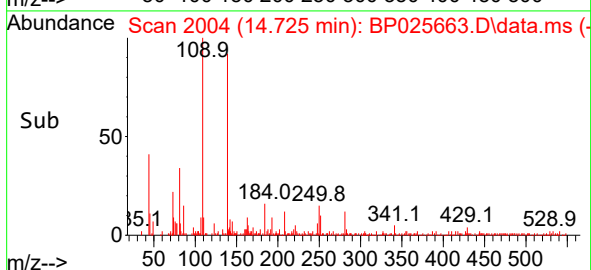
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

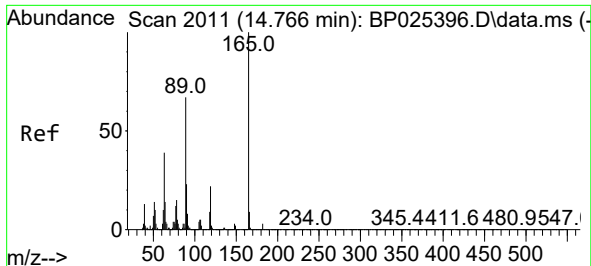


#56
4-Nitrophenol
Concen: 0.843 ng m
RT: 14.725 min Scan# 2004
Delta R.T. 0.112 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



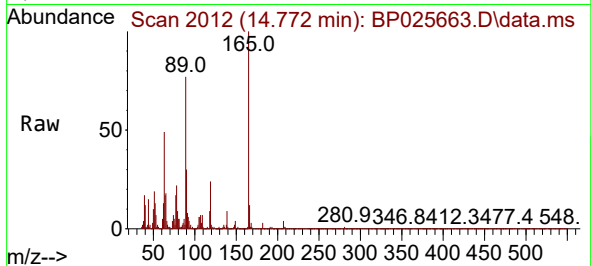
Tgt Ion:139 Resp: 4438
Ion Ratio Lower Upper
139 100
109 66.5 56.6 96.6
65 113.5 68.2 108.2#





#57
2,4-Dinitrotoluene
Concen: 3.046 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

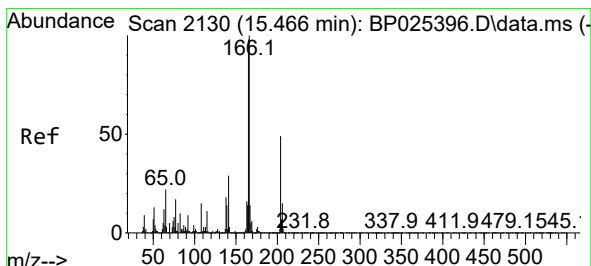
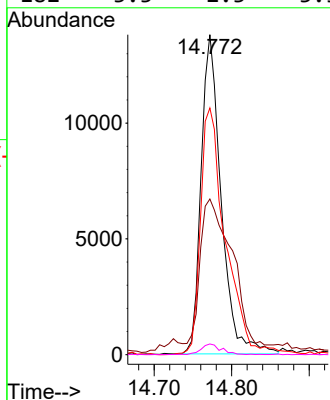
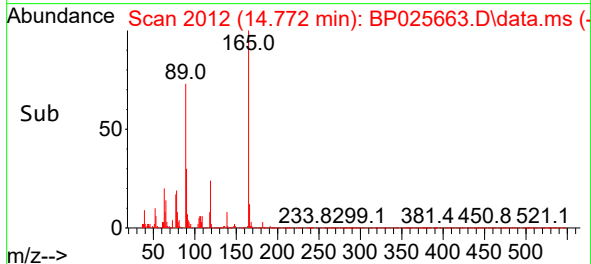
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:165 Resp: 24758
Ion Ratio Lower Upper
165 100
63 48.6 31.4 47.2
89 77.1 53.3 79.9
182 3.3 2.3 3.5

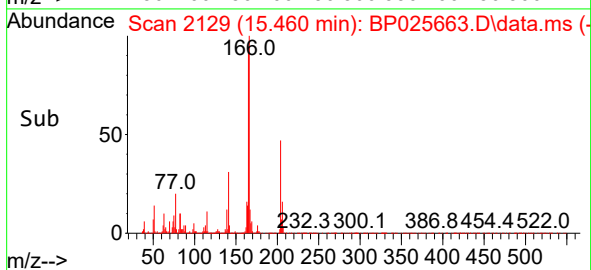
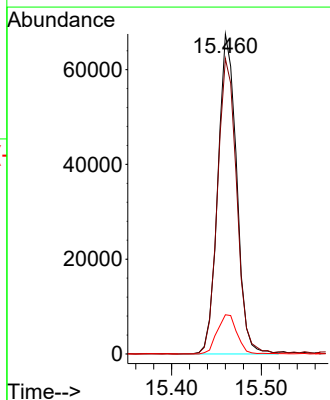
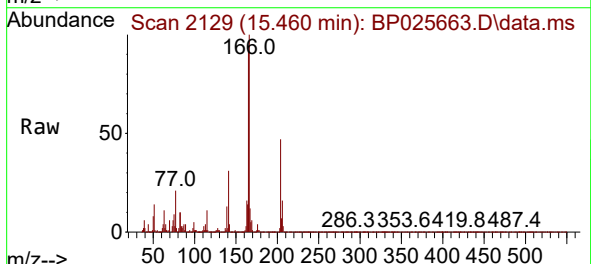
Manual Integrations
APPROVED

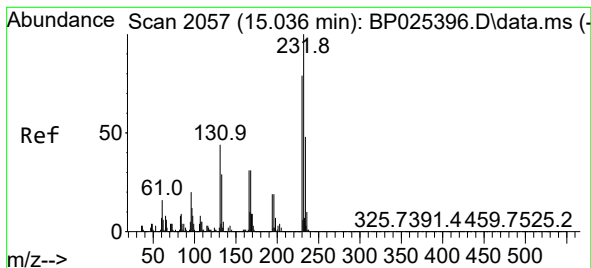
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#58
Fluorene
Concen: 3.861 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

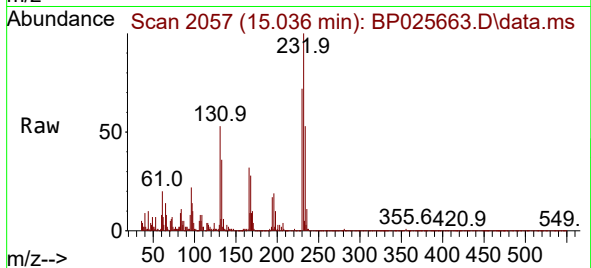
Tgt Ion:166 Resp: 97613
Ion Ratio Lower Upper
166 100
165 92.3 78.8 118.2
167 12.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.488 ng
RT: 15.036 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

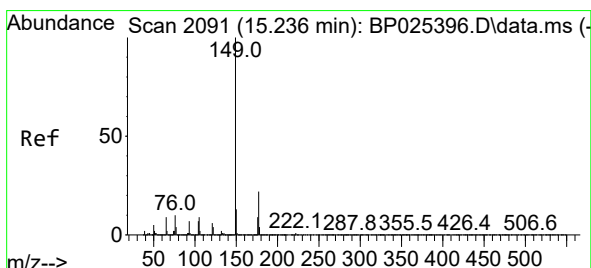
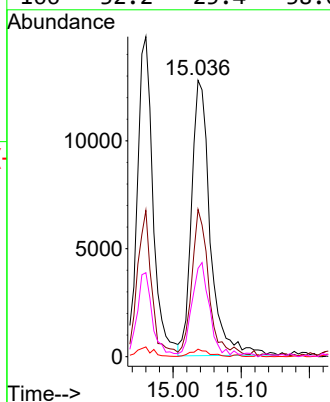
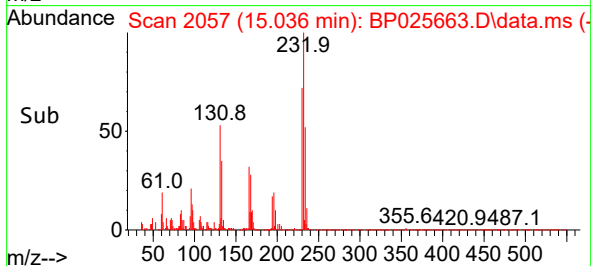
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



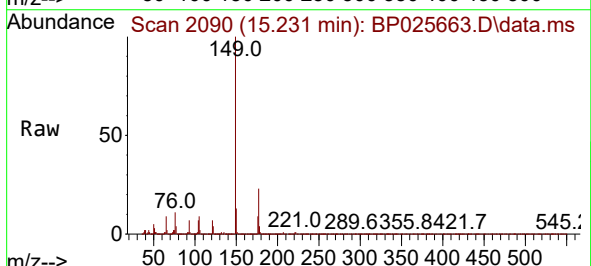
Tgt Ion:232 Resp: 2428
Ion Ratio Lower Upper
232 100
131 47.2 37.0 55.6
130 2.6 1.9 2.9
166 32.2 25.4 38.0

Manual Integrations
APPROVED

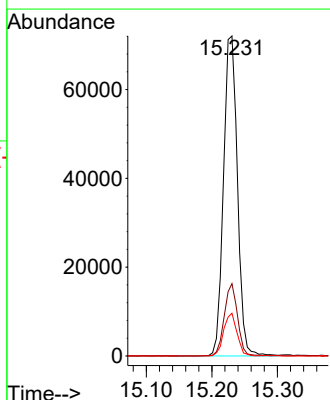
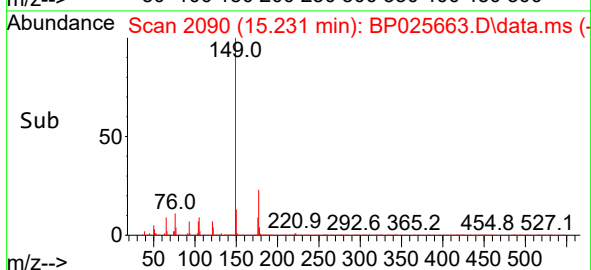
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

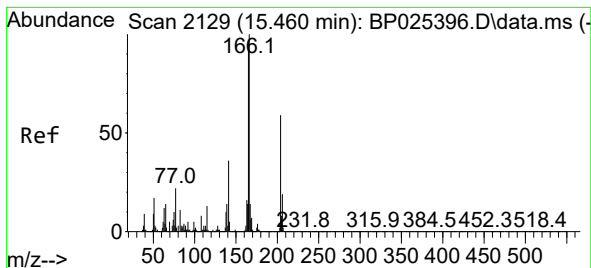


#60
Diethylphthalate
Concen: 3.857 ng
RT: 15.231 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



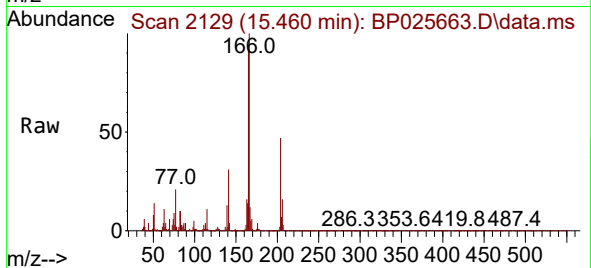
Tgt Ion:149 Resp: 105923
Ion Ratio Lower Upper
149 100
177 22.6 17.3 25.9
150 13.4 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 3.833 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

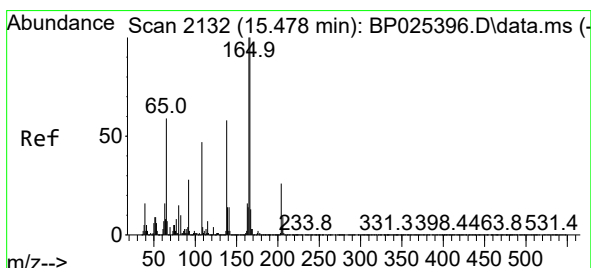
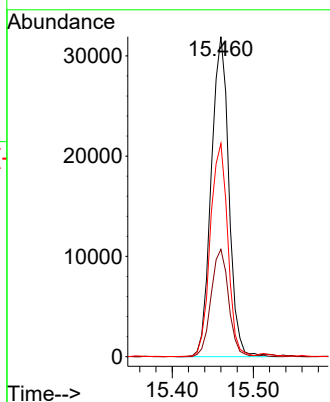
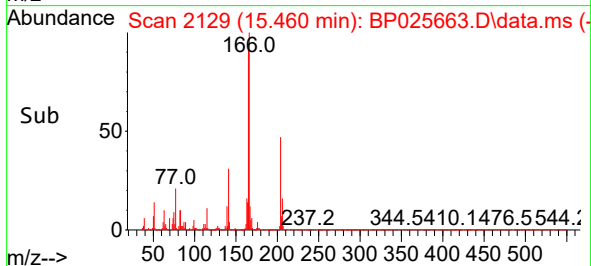
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



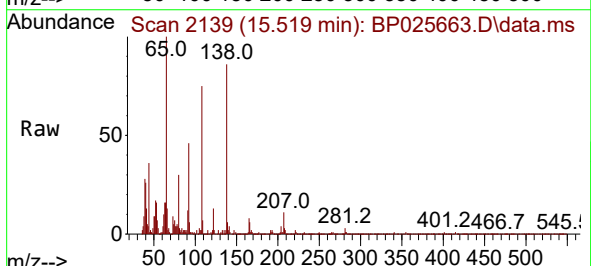
Tgt Ion: 204 Resp: 48194
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 66.6 49.4 74.2

Manual Integrations
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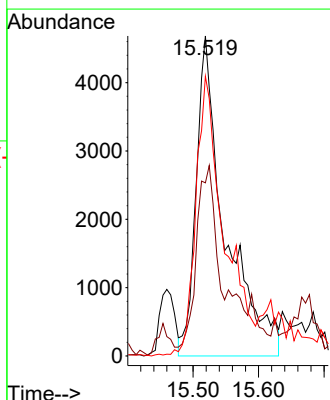
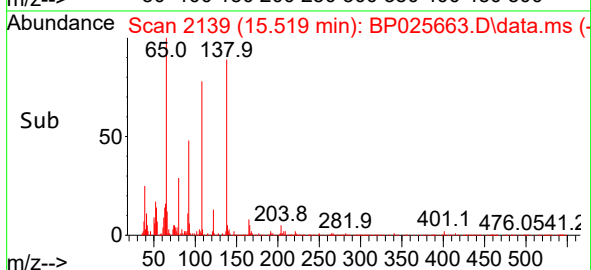
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

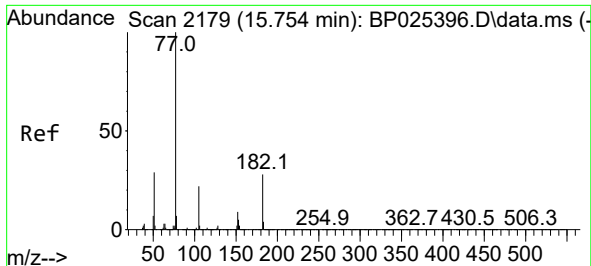


#62
4-Nitroaniline
Concen: 2.199 ng m
RT: 15.519 min Scan# 2139
Delta R.T. 0.041 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



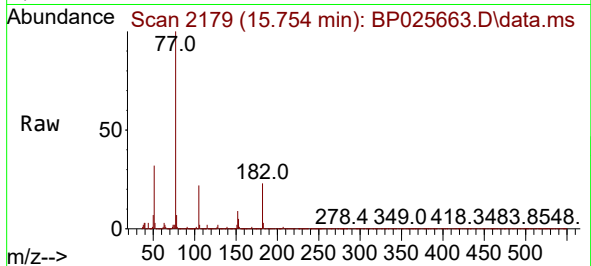
Tgt Ion: 138 Resp: 14449
Ion Ratio Lower Upper
138 100
92 54.1 29.1 69.1
108 87.4 61.5 101.5





#63
Azobenzene
Concen: 3.781 ng
RT: 15.754 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

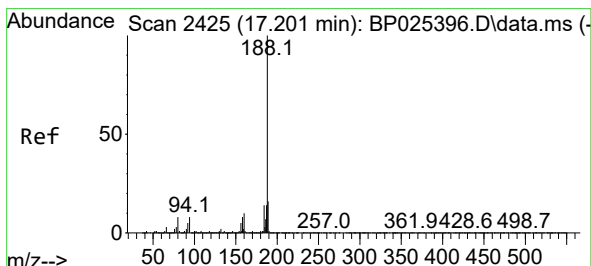
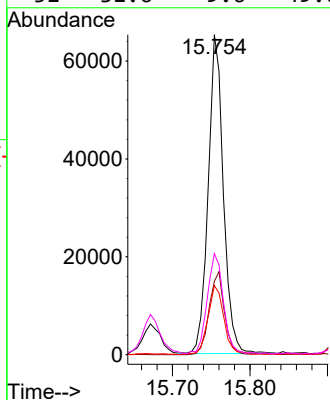
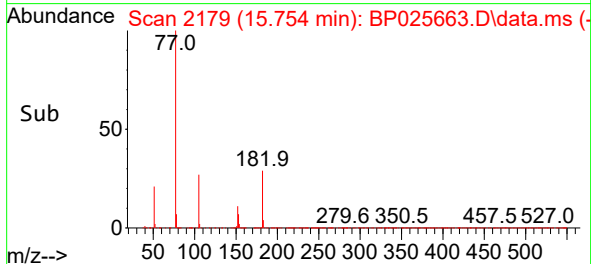
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	7.5	47.5
105	21.6	2.1	42.1
51	31.6	9.6	49.6

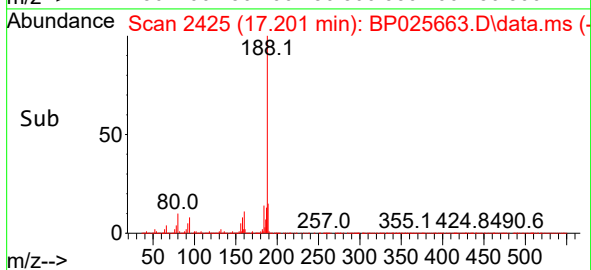
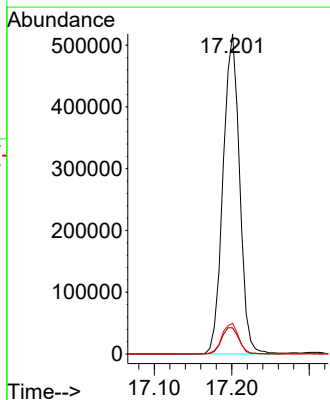
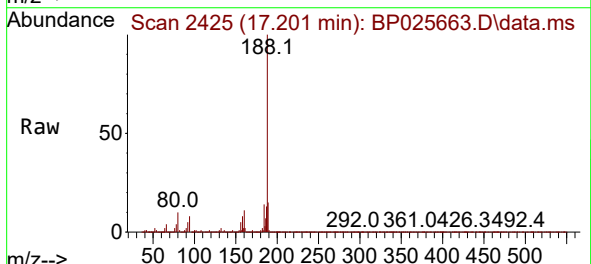
Manual Integrations
APPROVED

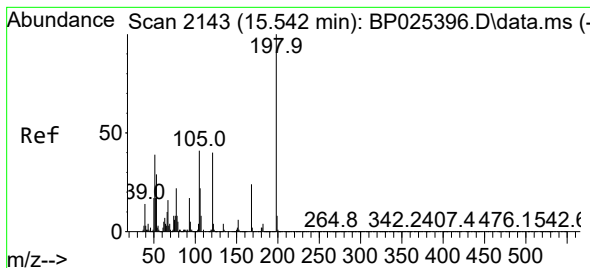
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	10.0
80	9.6	6.7	10.1





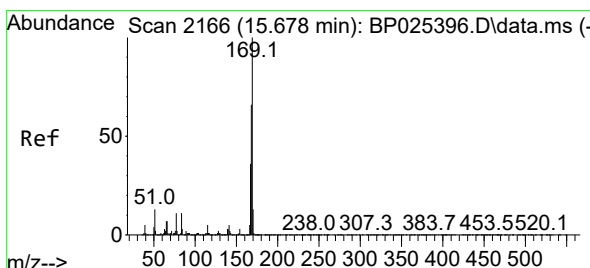
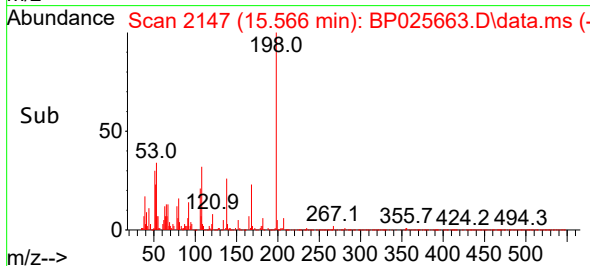
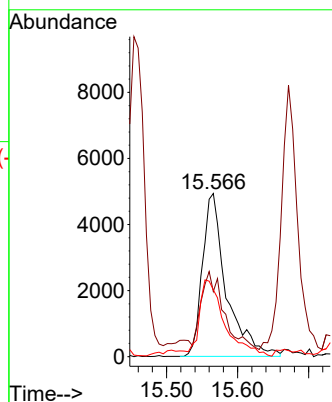
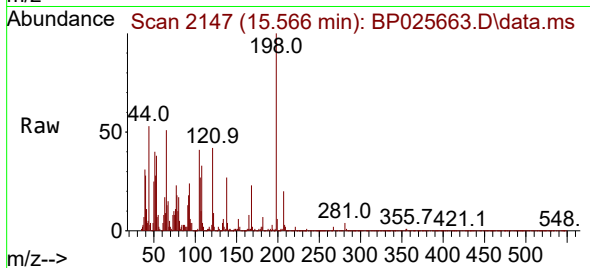
#65
4,6-Dinitro-2-methylphenol
Concen: 2.412 ng
RT: 15.566 min Scan# 2143
Delta R.T. 0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:198 Resp: 11550
Ion Ratio Lower Upper
198 100
51 39.9 19.6 59.6
105 41.0 20.9 60.9

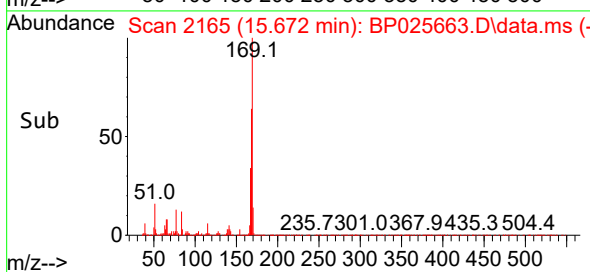
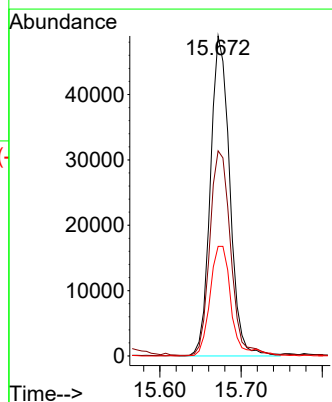
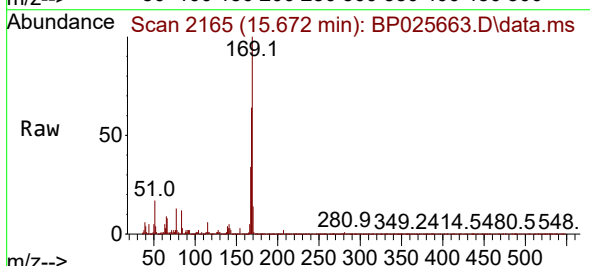
Manual Integrations
APPROVED

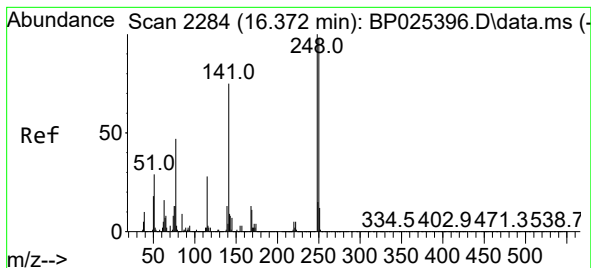
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#66
n-Nitrosodiphenylamine
Concen: 3.447 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

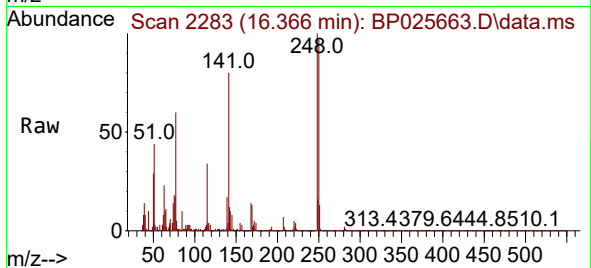
Tgt Ion:169 Resp: 80805
Ion Ratio Lower Upper
169 100
168 64.1 53.2 79.8
167 34.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 16.366 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

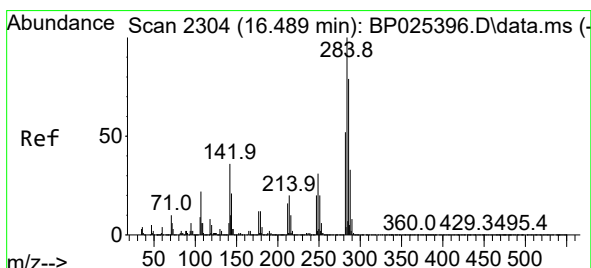
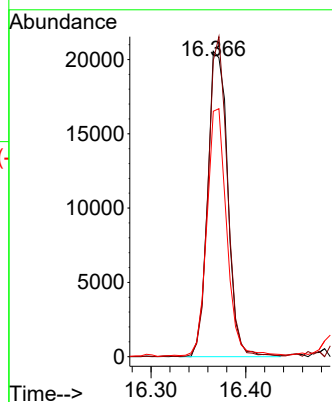
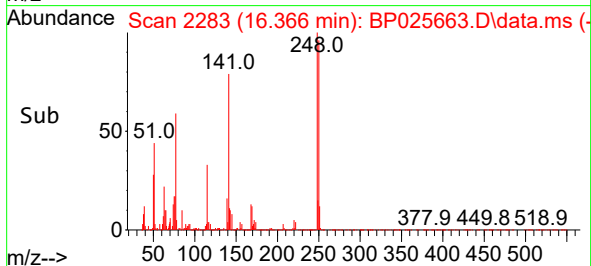
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2025



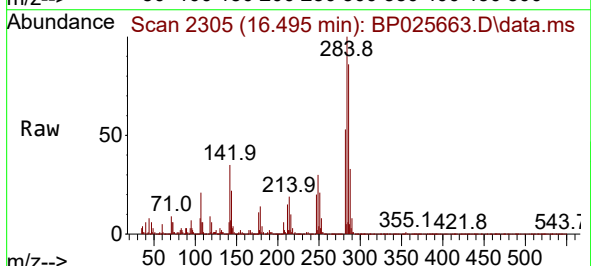
Tgt Ion: 248 Resp: 30230
Ion Ratio Lower Upper
248 100
250 97.0 78.2 117.2
141 80.4 59.6 89.4

Manual Integrations
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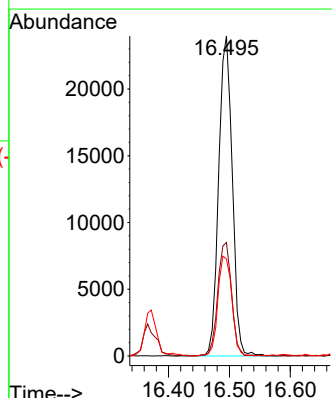
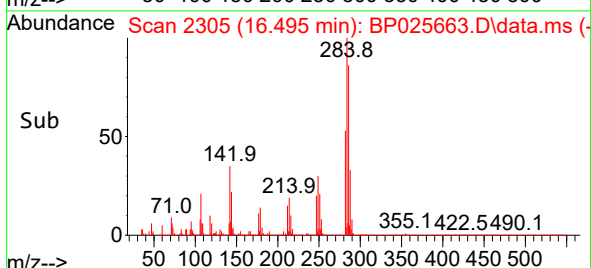
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

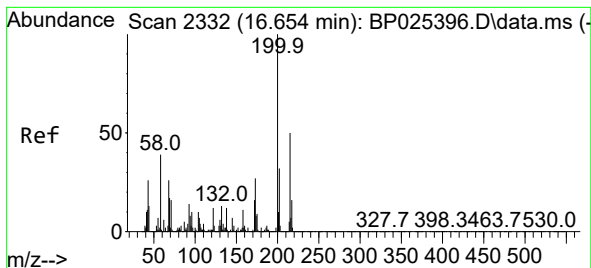


#68
Hexachlorobenzene
Concen: 3.777 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52



Tgt Ion: 284 Resp: 37020
Ion Ratio Lower Upper
284 100
142 35.4 29.1 43.7
249 30.3 25.0 37.4





#69

Atrazine

Concen: 3.516 ng

RT: 16.648 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025663.D

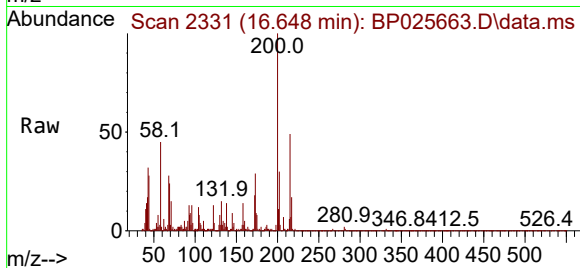
Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025



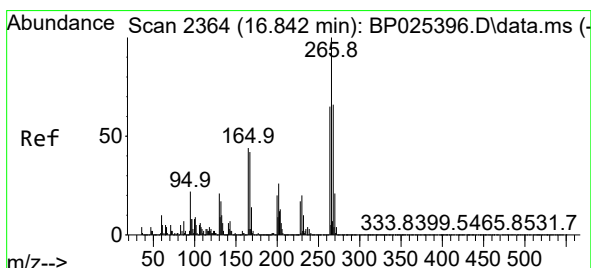
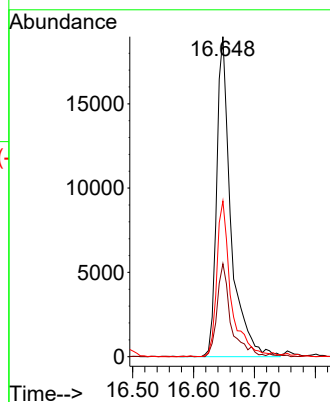
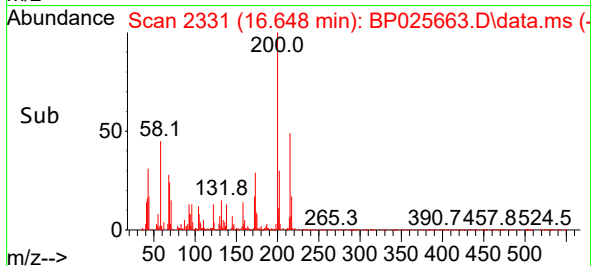
Tgt Ion:	200	Resp:	3086
Ion Ratio	Lower	Upper	
200	100		
173	29.0	6.7	46.7
215	48.6	29.7	69.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 2.664 ng

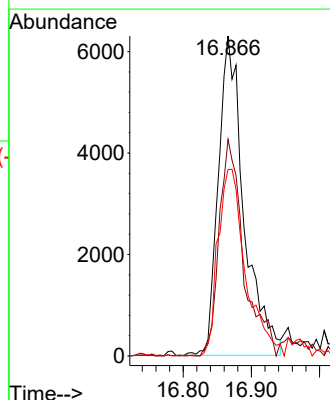
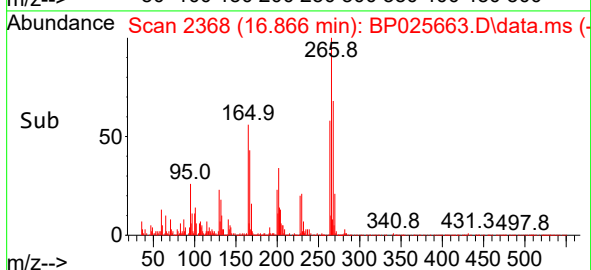
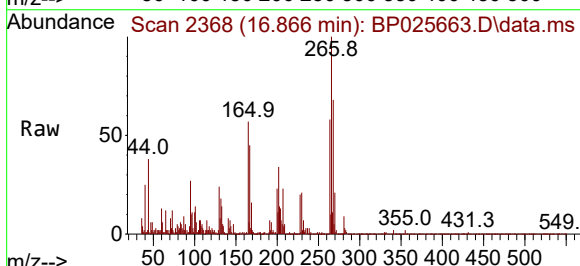
RT: 16.866 min Scan# 2368

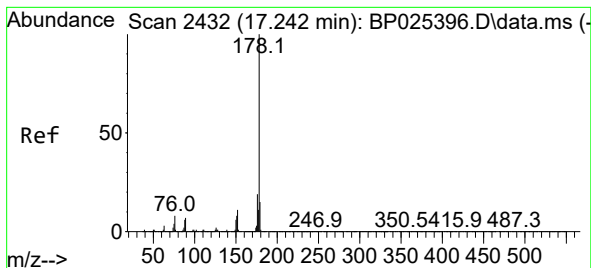
Delta R.T. 0.023 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:	266	Resp:	16480
Ion Ratio	Lower	Upper	
266	100		
268	67.6	52.6	79.0
264	58.3	52.0	78.0





#71

Phenanthrene

Concen: 3.735 ng

RT: 17.242 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

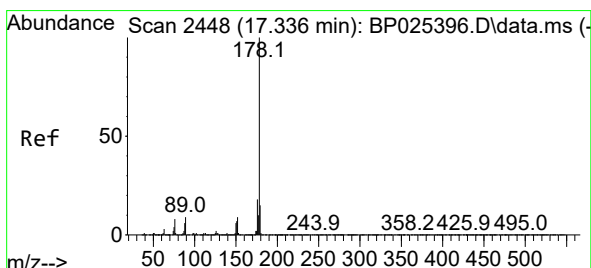
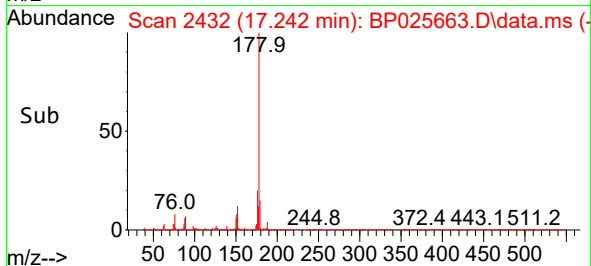
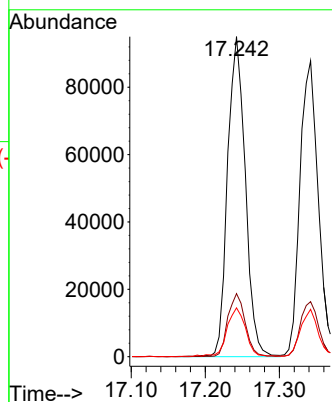
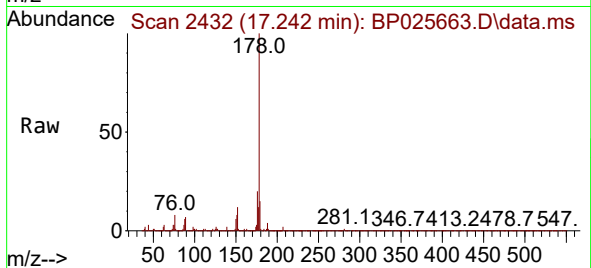
Tgt Ion:178 Resp: 157728
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.5 23.3
 179 15.2 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#72

Anthracene

Concen: 3.492 ng

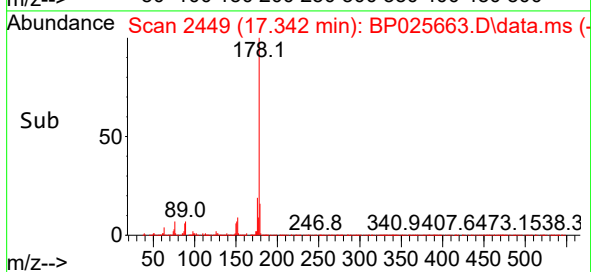
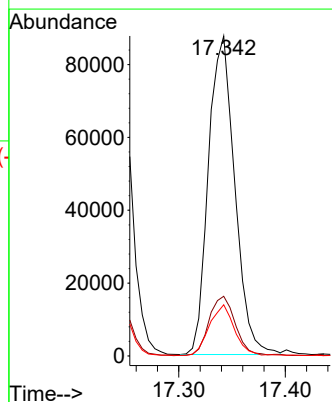
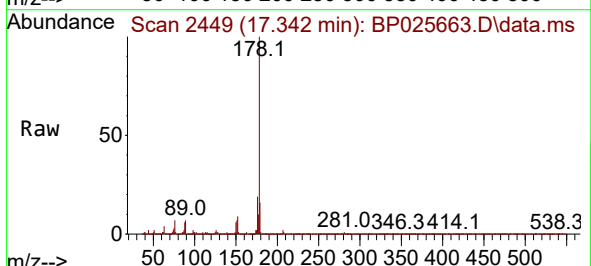
RT: 17.342 min Scan# 2449

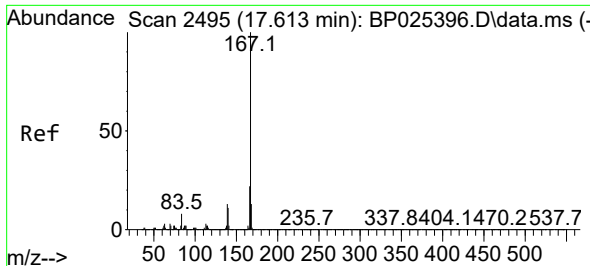
Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

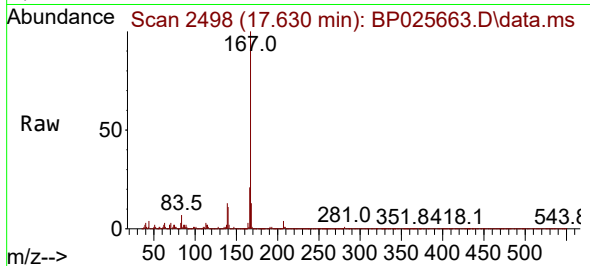
Tgt Ion:178 Resp: 150586
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 16.0 12.2 18.2





#73
 Carbazole
 Concen: 3.368 ng
 RT: 17.630 min Scan# 2495
 Delta R.T. 0.018 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

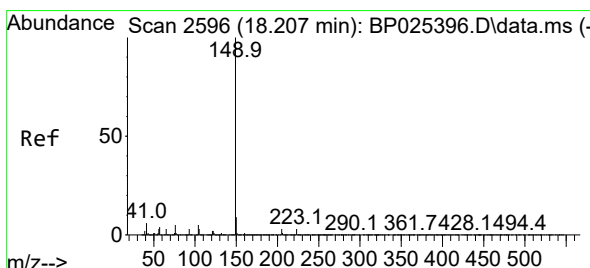
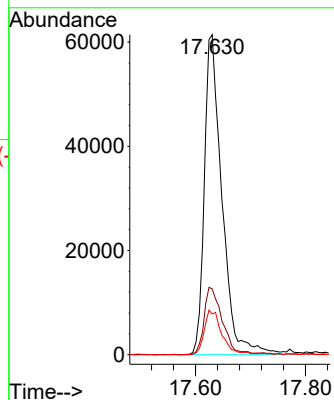
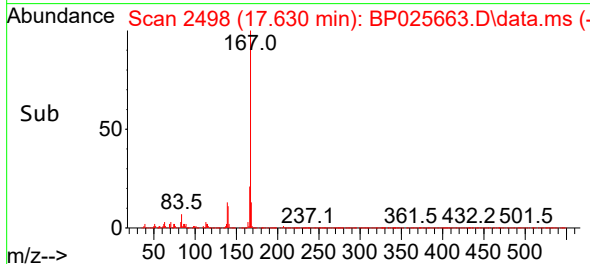
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



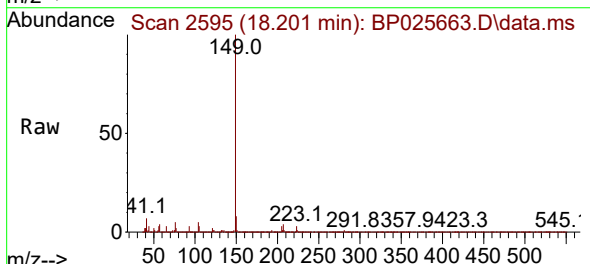
Tgt Ion:167 Resp: 136788
 Ion Ratio Lower Upper
 167 100
 166 20.6 17.5 26.3
 139 12.8 10.6 16.0

Manual Integrations
 APPROVED

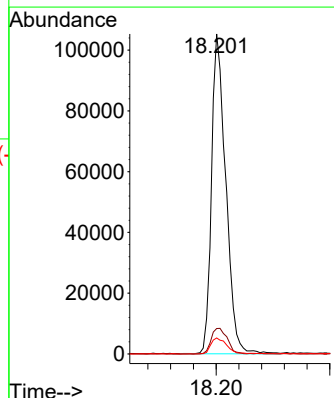
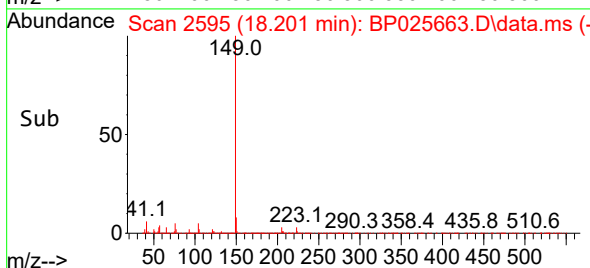
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

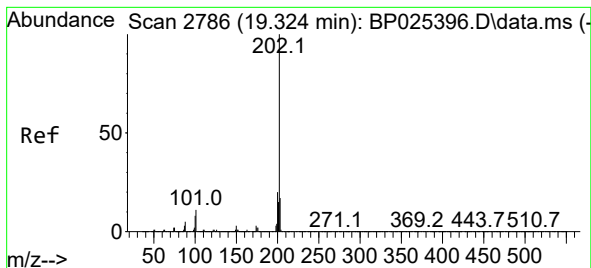


#74
 Di-n-butylphthalate
 Concen: 3.650 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52



Tgt Ion:149 Resp: 182426
 Ion Ratio Lower Upper
 149 100
 150 7.9 7.4 11.0
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 3.701 ng

RT: 19.330 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

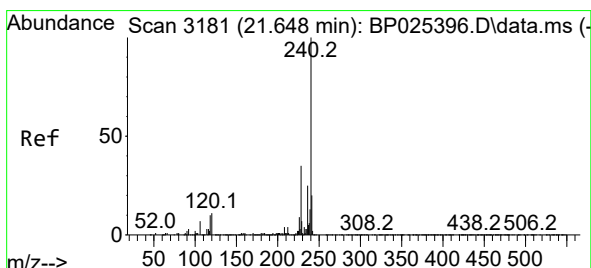
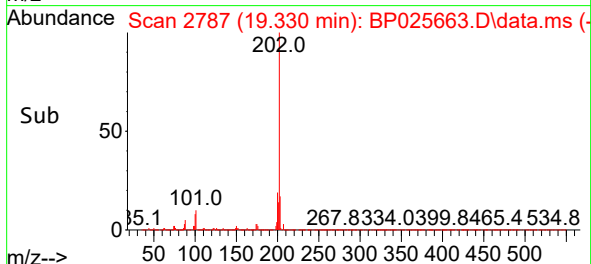
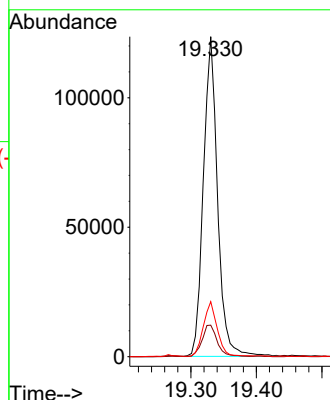
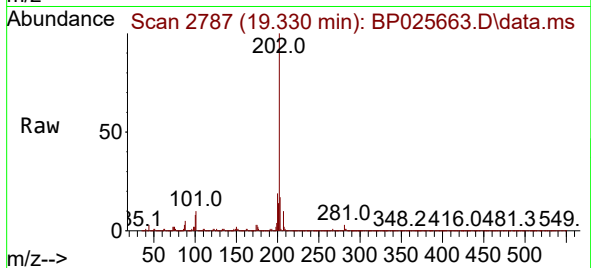
Tgt Ion:202 Resp: 186404
 Ion Ratio Lower Upper
 202 100
 101 9.9 0.0 31.1
 203 17.2 0.0 37.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#76

Chrysene-d12

Concen: 20.000 ng

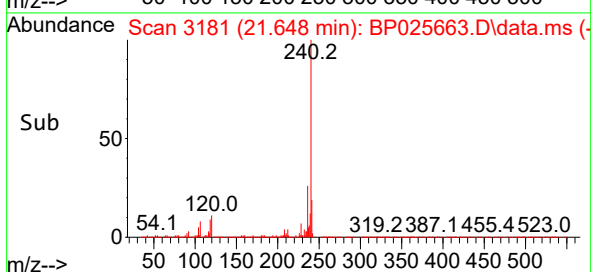
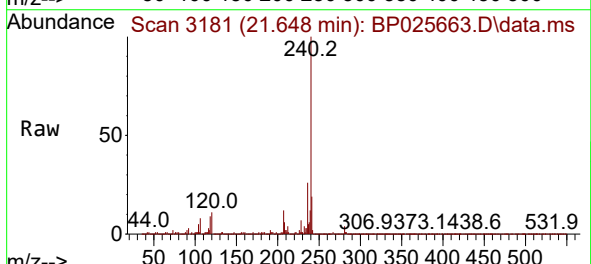
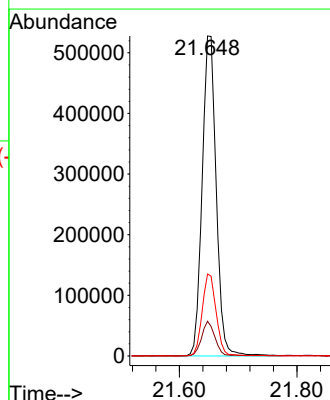
RT: 21.648 min Scan# 3181

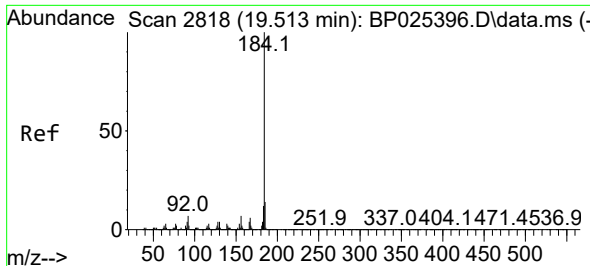
Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:240 Resp: 875396
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.9 13.3
 236 25.6 19.8 29.8





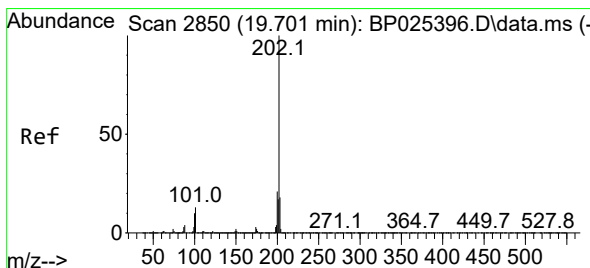
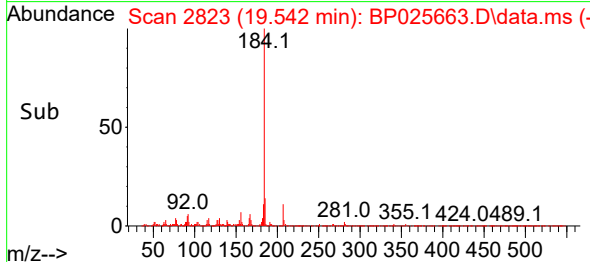
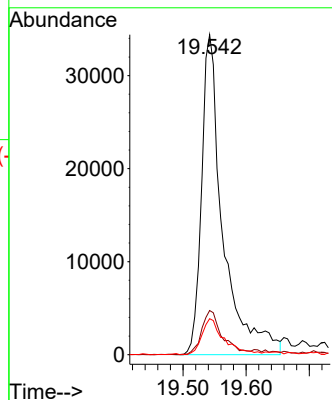
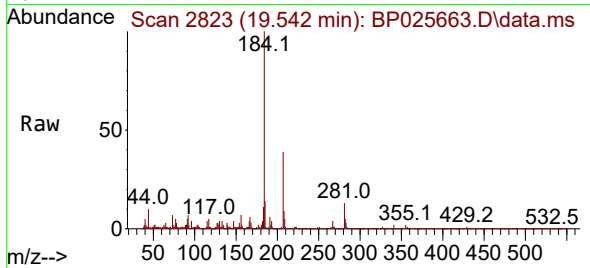
#77
Benzidine
Concen: 2.704 ng
RT: 19.542 min Scan# 2818
Delta R.T. 0.029 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025

Tgt Ion:184 Resp: 80770
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.2 9.4 14.2

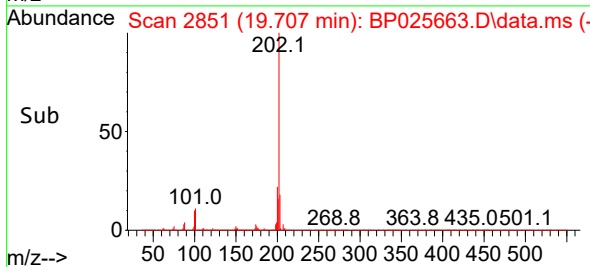
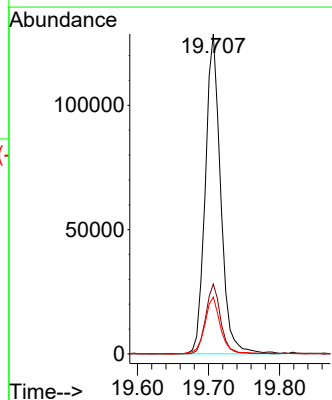
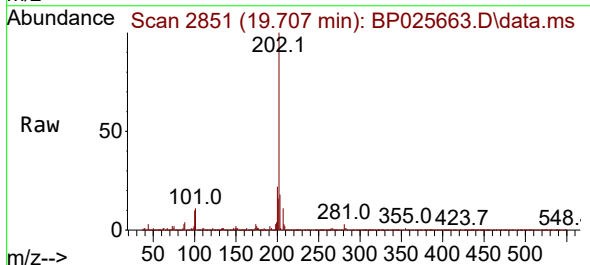
Manual Integrations
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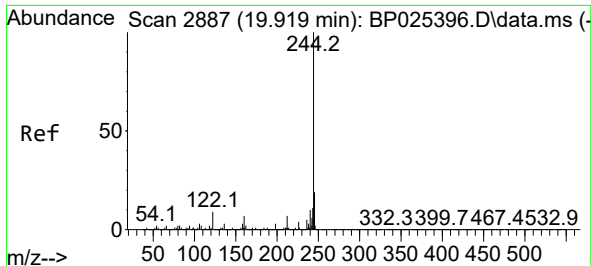
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#78
Pyrene
Concen: 3.398 ng
RT: 19.707 min Scan# 2851
Delta R.T. 0.006 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

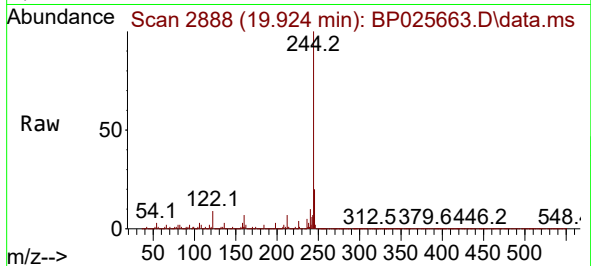
Tgt Ion:202 Resp: 193343
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.8 14.2 21.2





#79
 Terphenyl-d14
 Concen: 74.991 ng
 RT: 19.924 min Scan# 2887
 Delta R.T. 0.006 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

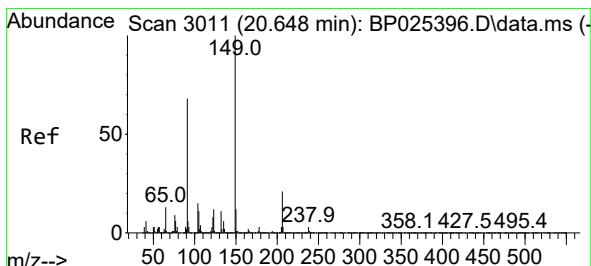
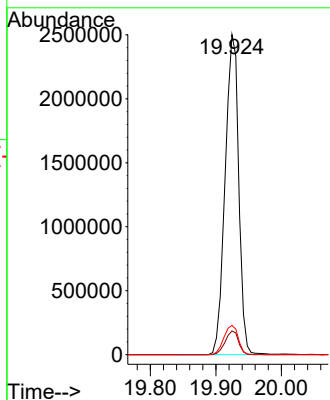
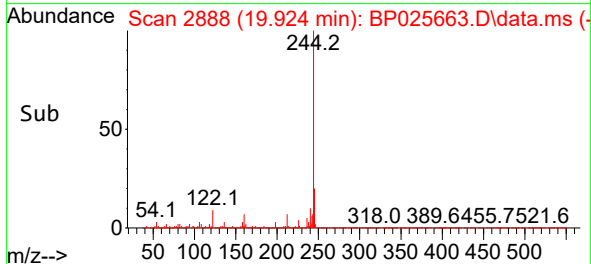
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:244 Resp: 358810
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.2 7.4 11.2

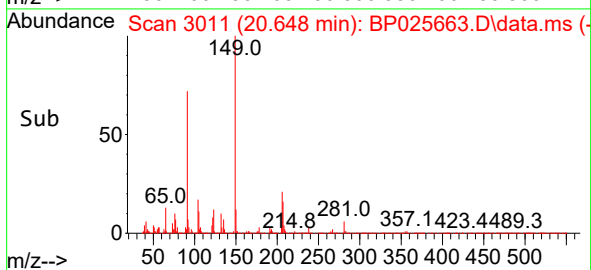
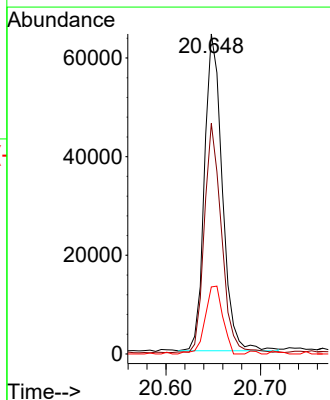
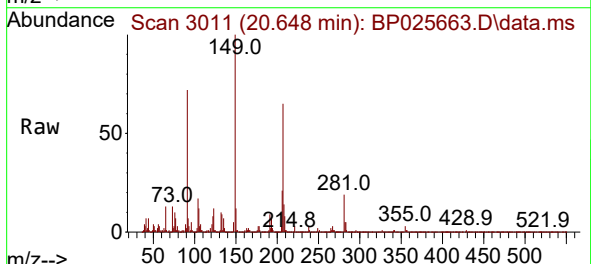
Manual Integrations
 APPROVED

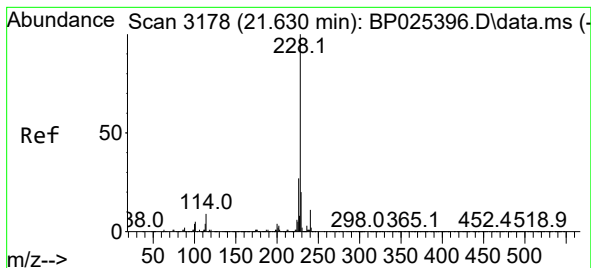
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#80
 Butylbenzylphthalate
 Concen: 3.259 ng
 RT: 20.648 min Scan# 3011
 Delta R.T. -0.000 min
 Lab File: BP025663.D
 Acq: 04 Sep 2025 16:52

Tgt Ion:149 Resp: 84031
 Ion Ratio Lower Upper
 149 100
 91 72.1 54.2 81.2
 206 20.9 16.6 24.8





#81

Benzo(a)anthracene

Concen: 3.512 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

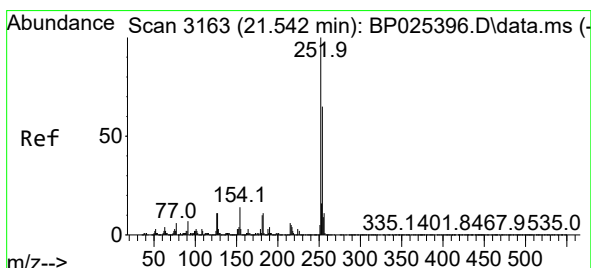
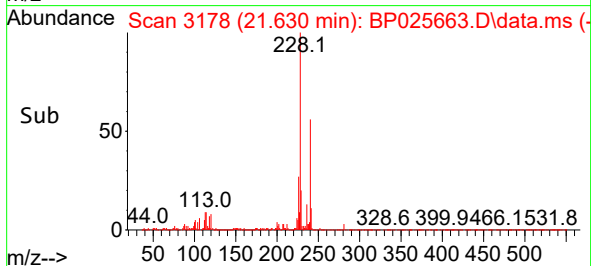
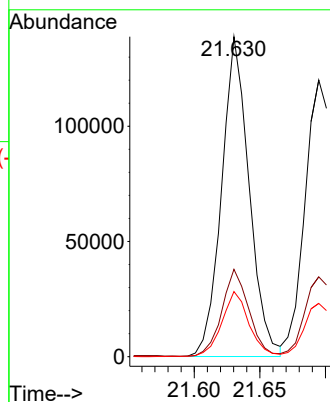
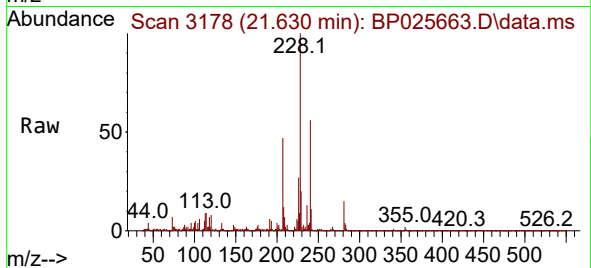
Tgt Ion:	228	Resp:	20277
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.7	32.5
229	20.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#82

3,3'-Dichlorobenzidine

Concen: 3.015 ng

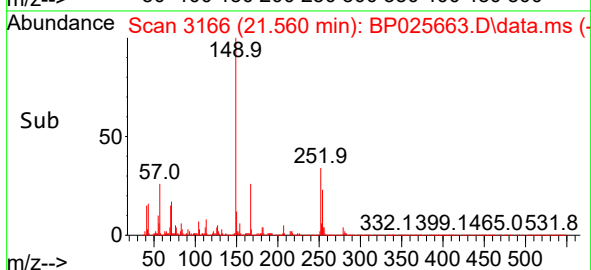
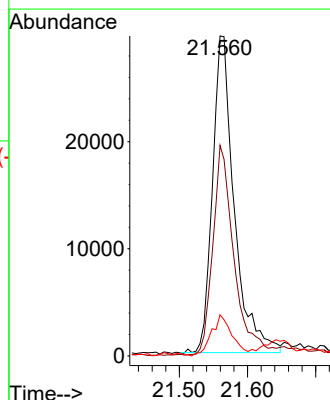
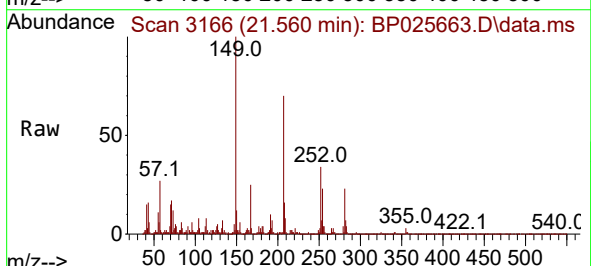
RT: 21.560 min Scan# 3166

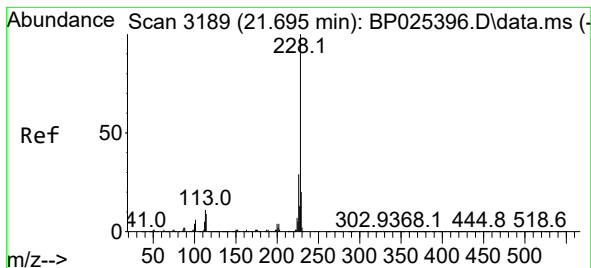
Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:	252	Resp:	65599
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.8	77.6
126	12.8	9.1	13.7





#83

Chrysene

Concen: 3.701 ng

RT: 21.695 min Scan# 3189

Delta R.T. -0.000 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

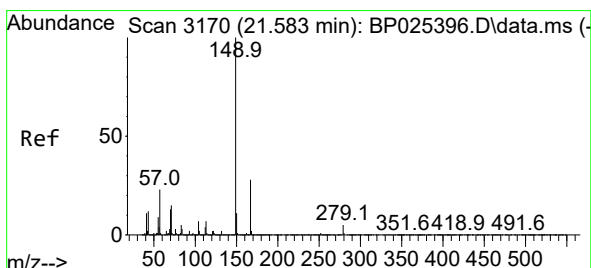
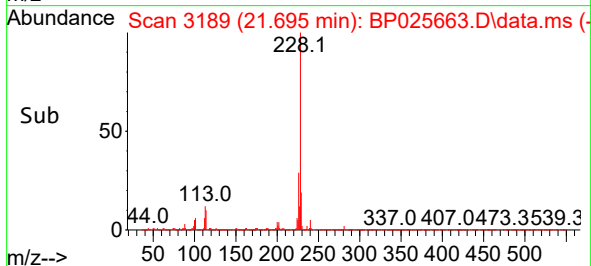
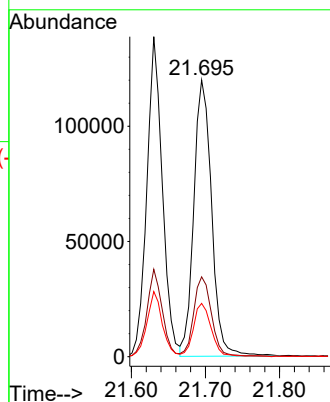
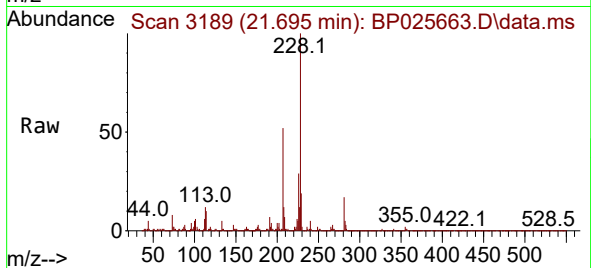
Tgt Ion:	228	Resp:	20010
Ion Ratio	Lower	Upper	
228	100		
226	28.9	23.2	34.8
229	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.442 ng

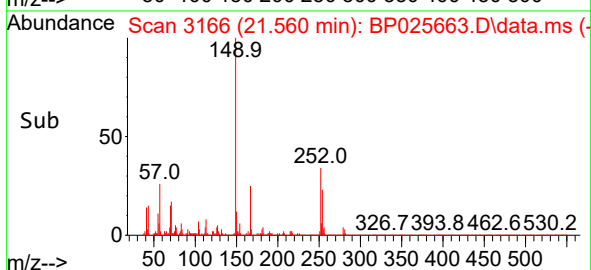
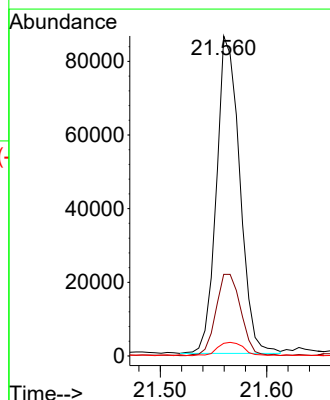
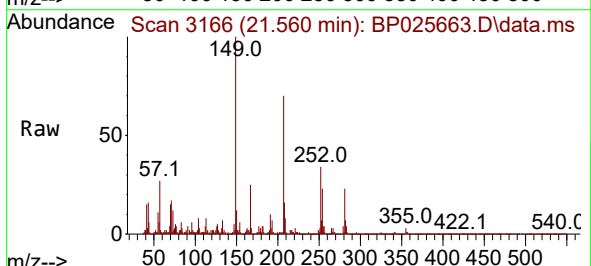
RT: 21.560 min Scan# 3166

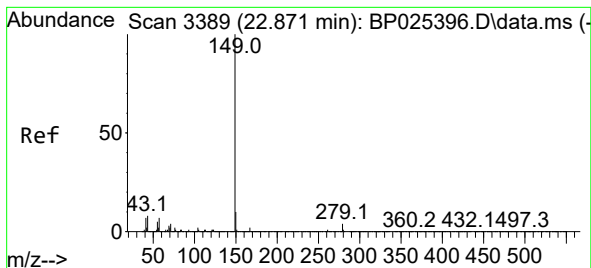
Delta R.T. -0.024 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

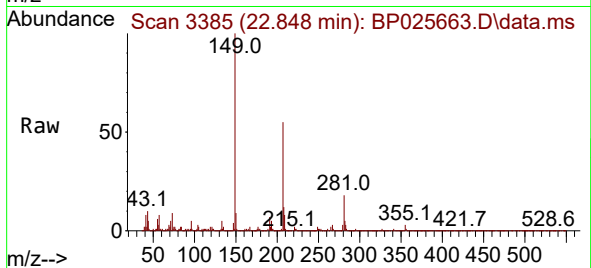
Tgt Ion:	149	Resp:	130667
Ion Ratio	Lower	Upper	
149	100		
167	25.5	22.1	33.1
279	3.9	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 3.380 ng
RT: 22.848 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

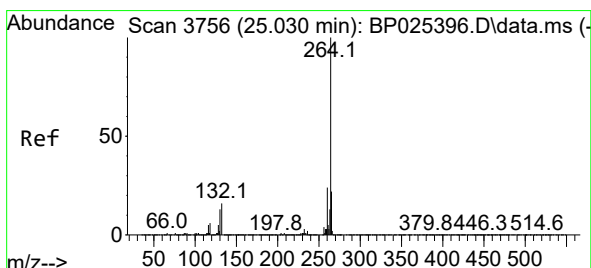
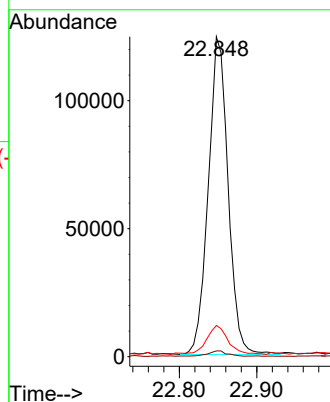
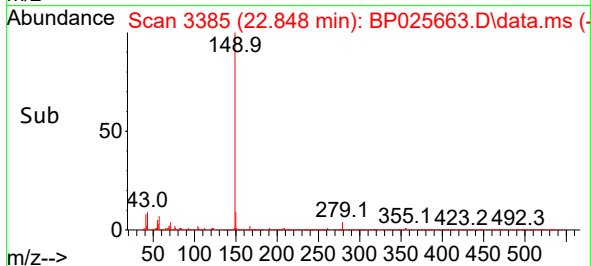
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:149 Resp: 220658
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 6.3 9.5

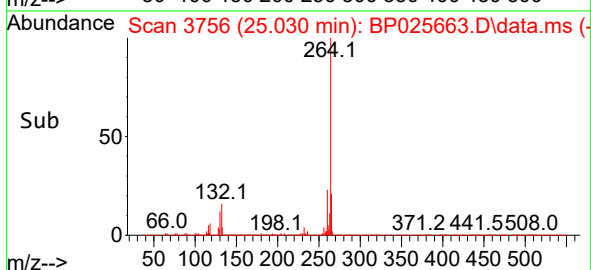
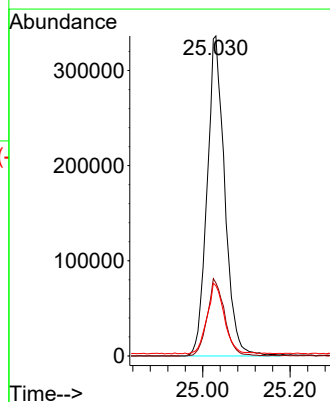
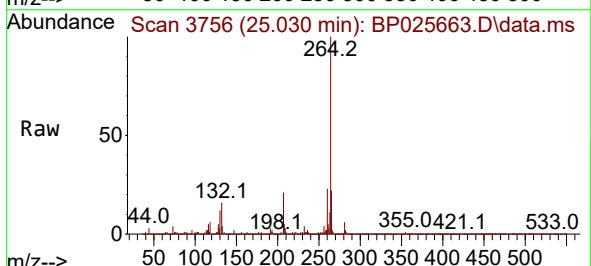
Manual Integrations
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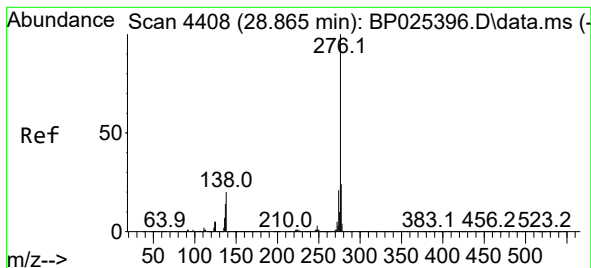
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.030 min Scan# 3756
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:264 Resp: 943895
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.328 ng m

RT: 28.871 min Scan# 4408

Delta R.T. 0.006 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

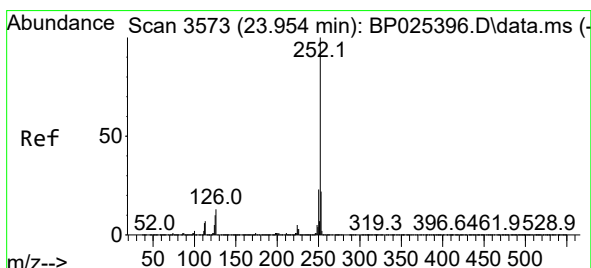
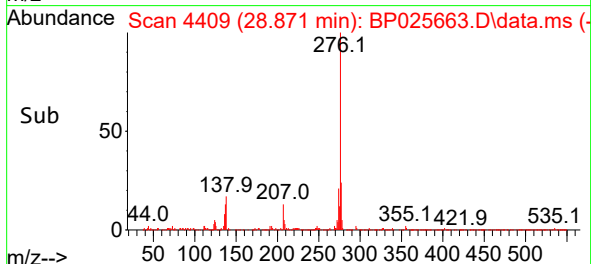
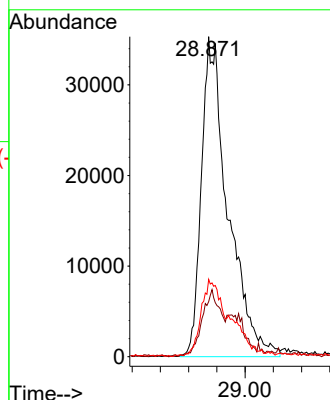
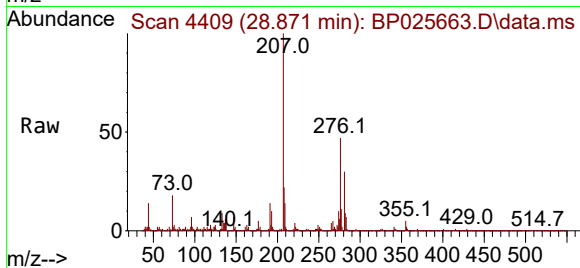
Tgt Ion:	276	Resp:	23036
Ion Ratio	Lower	Upper	
276	100		
138	14.5	12.9	19.3
277	18.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#88

Benzo(b)fluoranthene

Concen: 3.544 ng

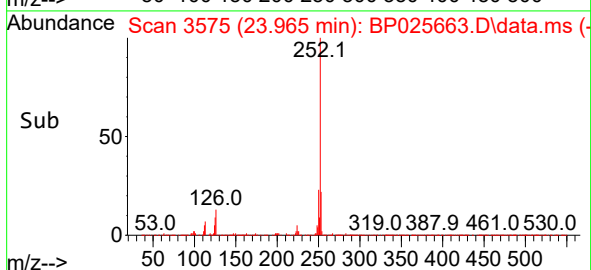
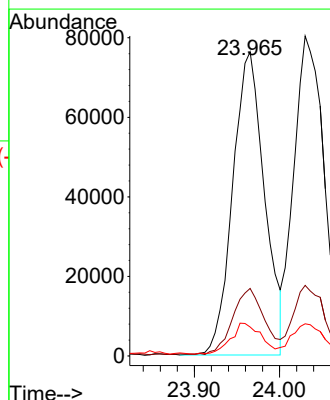
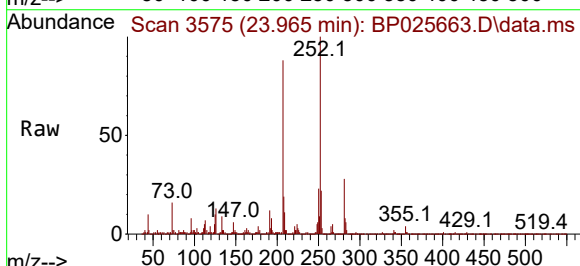
RT: 23.965 min Scan# 3575

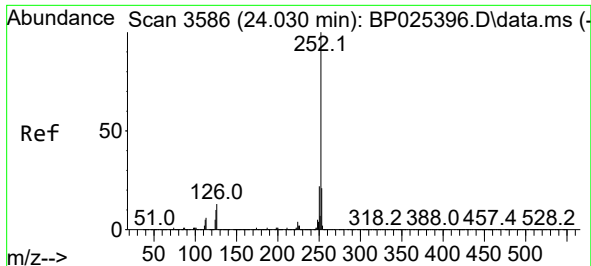
Delta R.T. 0.012 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

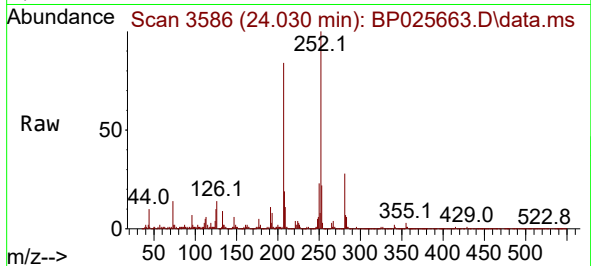
Tgt Ion:	252	Resp:	197251
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	9.6	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 3.603 ng
RT: 24.030 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

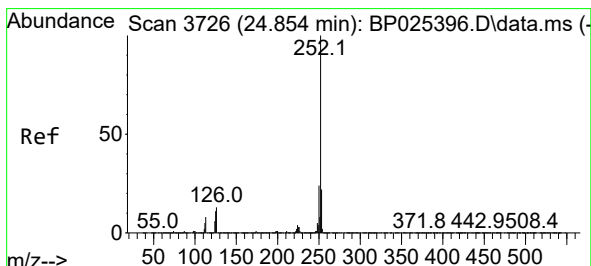
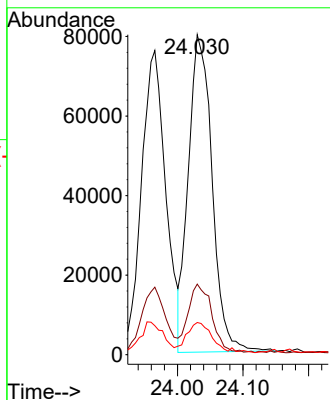
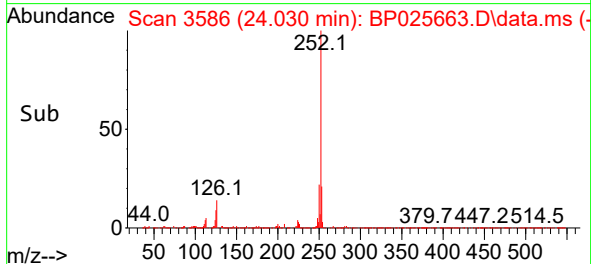
Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT3-2025



Tgt Ion:252 Resp: 200694
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 10.1 7.8 11.6

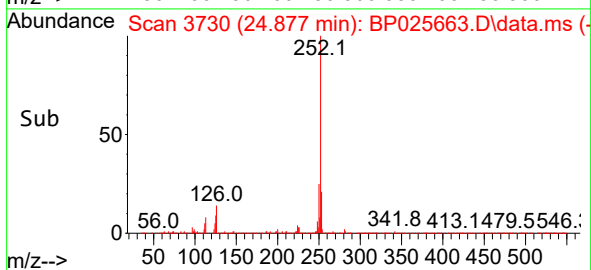
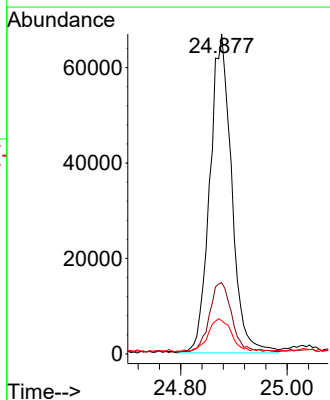
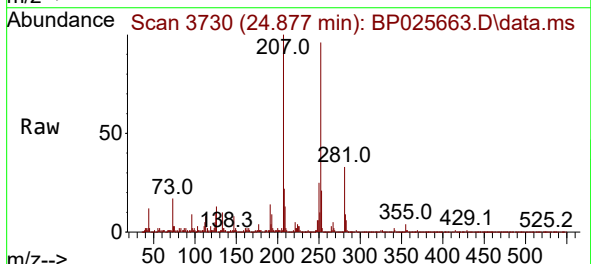
Manual Integrations
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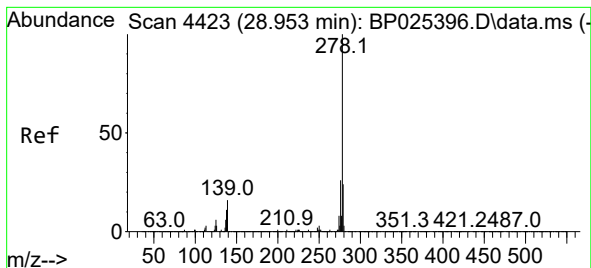
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#90
Benzo(a)pyrene
Concen: 3.500 ng
RT: 24.877 min Scan# 3730
Delta R.T. 0.024 min
Lab File: BP025663.D
Acq: 04 Sep 2025 16:52

Tgt Ion:252 Resp: 189646
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.369 ng m

RT: 28.983 min Scan# 4423

Delta R.T. 0.029 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2025

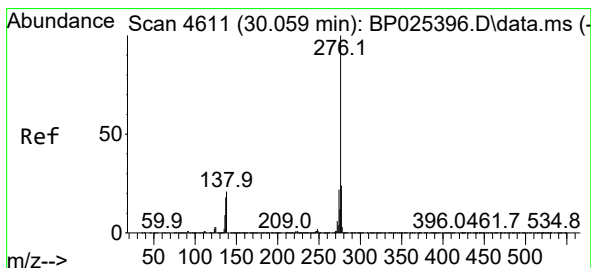
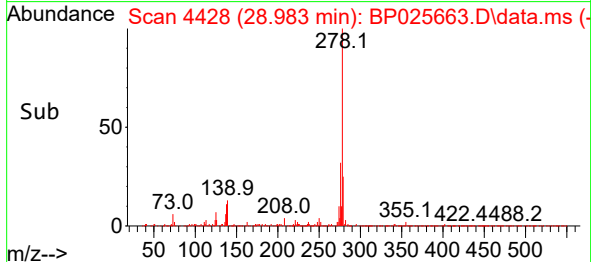
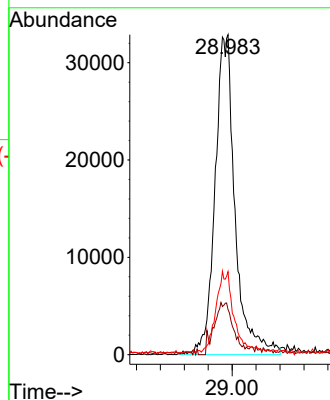
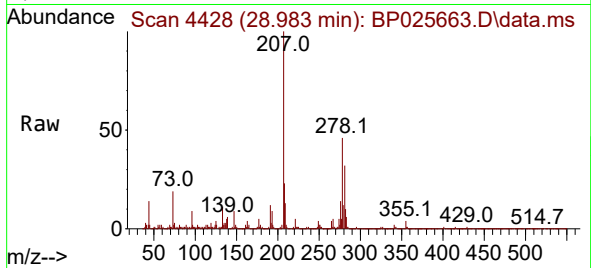
Tgt Ion:	278	Resp:	19059
Ion Ratio	Lower	Upper	
278	100		
139	14.1	13.0	19.4
279	26.0	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#92

Benzo(g,h,i)perylene

Concen: 3.405 ng m

RT: 30.077 min Scan# 4614

Delta R.T. 0.018 min

Lab File: BP025663.D

Acq: 04 Sep 2025 16:52

Tgt Ion:	276	Resp:	189335
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.4	29.0
138	22.2	16.7	25.1

