

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025100.D
 Acq On : 11 Jul 2025 11:50
 Operator : CG/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

Quant Time: Jul 11 12:29:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.437	152	424819	20.000	ng	0.00
21) Naphthalene-d8	10.184	136	1718378	20.000	ng	0.00
39) Acenaphthene-d10	14.077	164	1140655	20.000	ng	-0.01
64) Phenanthrene-d10	16.895	188	2380212	20.000	ng	-0.01
76) Chrysene-d12	21.324	240	2671410	20.000	ng	-0.02
86) Perylene-d12	24.453	264	2913884	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.096	112	2750143	114.704	ng	0.00
7) Phenol-d6	6.625	99	3470238	110.912	ng	0.00
23) Nitrobenzene-d5	8.566	82	2204788	85.330	ng	0.00
42) 2,4,6-Tribromophenol	15.607	330	1870299	138.798	ng	-0.01
45) 2-Fluorobiphenyl	12.689	172	5977891	81.188	ng	0.00
79) Terphenyl-d14	19.665	244	10449207	85.966	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	41487	4.450	ng	99
3) Pyridine	3.496	79	106213	4.161	ng	96
6) Aniline	6.778	93	167318	5.724	ng	98
8) 2-Chlorophenol	7.007	128	119056	4.438	ng	97
10) Phenol	6.654	94	133871	4.211	ng	97
11) bis(2-Chloroethyl)ether	6.878	93	102678	4.197	ng	100
12) 1,3-Dichlorobenzene	7.331	146	131374	4.376	ng	98
13) 1,4-Dichlorobenzene	7.472	146	137079	4.510	ng	98
14) 1,2-Dichlorobenzene	7.778	146	131926	4.512	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.960	45	133607	4.200	ng	96
17) 2-Methylphenol	7.872	107	87651	4.280	ng	97
18) Hexachloroethane	8.495	117	44825	4.527	ng	97
19) n-Nitroso-di-n-propyla...	8.231	70	79293	4.273	ng	98
22) Acetophenone	8.237	105	177026	4.356	ng	98
24) Nitrobenzene	8.601	77	125571	4.771	ng	100
25) Isophorone	9.131	82	219881	4.554	ng	97
26) 2-Nitrophenol	9.301	139	49782	6.931	ng	95
27) 2,4-Dimethylphenol	9.378	122	104243	5.787	ng	97
28) bis(2-Chloroethoxy)met...	9.613	93	140310	4.279	ng	99
29) 2,4-Dichlorophenol	9.831	162	102827	4.117	ng	96
30) 1,2,4-Trichlorobenzene	10.048	180	122652	4.434	ng	99
31) Naphthalene	10.225	128	369827	4.180	ng	99
33) 4-Chloroaniline	10.336	127	157108	4.758	ng	99
34) Hexachlorobutadiene	10.531	225	72574	4.572	ng	98
36) 4-Chloro-3-methylphenol	11.472	107	101905	3.904	ng	99
37) 2-Methylnaphthalene	11.860	142	235888	3.778	ng	98
38) 1-Methylnaphthalene	12.078	142	253699	4.167	ng	100
40) 1,2,4,5-Tetrachloroben...	12.236	216	139768	4.264	ng	100
43) 2,4,6-Trichlorophenol	12.483	196	83596	4.211	ng	96
44) 2,4,5-Trichlorophenol	12.548	196	88698	3.943	ng	99
46) 1,1'-Biphenyl	12.901	154	356305	4.293	ng	100
47) 2-Chloronaphthalene	12.930	162	270932	4.343	ng	99
48) 2-Nitroaniline	13.136	65	56939	6.276	ng	96
49) Acenaphthylene	13.795	152	433189	4.537	ng	100
50) Dimethylphthalate	13.548	163	345254	4.324	ng	100
51) 2,6-Dinitrotoluene	13.648	165	61578	3.954	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071125\
 Data File : BP025100.D
 Acq On : 11 Jul 2025 11:50
 Operator : CG/JU
 Sample : Q2126-02
 Misc : LOQ-SOIL-5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT2-2025

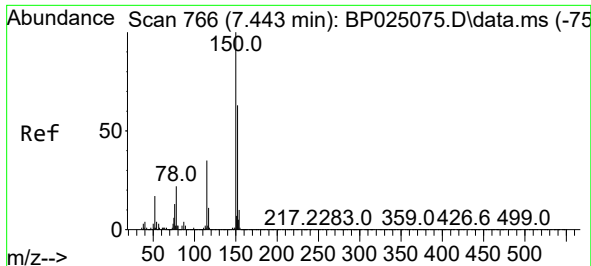
Quant Time: Jul 11 12:29:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/14/2025
 Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.148	154	261245	4.246	ng	99
53) 3-Nitroaniline	13.983	138	68611	4.111	ng #	92
55) Dibenzofuran	14.495	168	427354	4.208	ng	99
57) 2,4-Dinitrotoluene	14.448	165	80941	5.984	ng	99
58) Fluorene	15.154	166	337154	4.292	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.730	232	84595	4.153	ng	99
60) Diethylphthalate	14.954	149	342094	4.266	ng	99
61) 4-Chlorophenyl-phenyle...	15.160	204	169549	4.362	ng	99
62) 4-Nitroaniline	15.160	138	70669	4.038	ng	97
63) Azobenzene	15.460	77	278902	3.906	ng	98
66) n-Nitrosodiphenylamine	15.383	169	292947	4.301	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	107867	4.426	ng	97
68) Hexachlorobenzene	16.183	284	133189	4.471	ng	99
69) Atrazine	16.371	200	104444	5.232	ng	99
71) Phenanthrene	16.936	178	564302	4.437	ng	98
72) Anthracene	17.030	178	549671	4.505	ng	99
73) Carbazole	17.313	167	516915	4.333	ng	98
74) Di-n-butylphthalate	17.948	149	559360	4.210	ng	100
75) Fluoranthene	19.036	202	638930	4.298	ng	99
78) Pyrene	19.413	202	677518	4.095	ng	99
80) Butylbenzylphthalate	20.412	149	240119	7.160	ng	99
81) Benzo(a)anthracene	21.307	228	704940	4.354	ng	99
83) Chrysene	21.365	228	668534	4.291	ng	98
84) Bis(2-ethylhexyl)phtha...	21.307	149	370261	4.264	ng	98
87) Indeno(1,2,3-cd)pyrene	27.965	276	795457m	4.285	ng	
88) Benzo(b)fluoranthene	23.465	252	673144	3.969	ng	99
89) Benzo(k)fluoranthene	23.536	252	682413	4.044	ng	99
90) Benzo(a)pyrene	24.300	252	637839	4.419	ng	100
91) Dibenzo(a,h)anthracene	28.053	278	656958	4.281	ng	98
92) Benzo(g,h,i)perylene	29.053	276	658715	4.156	ng	99

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



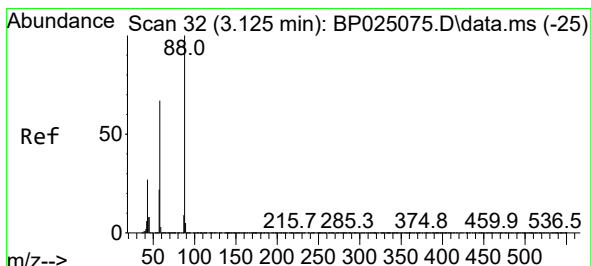
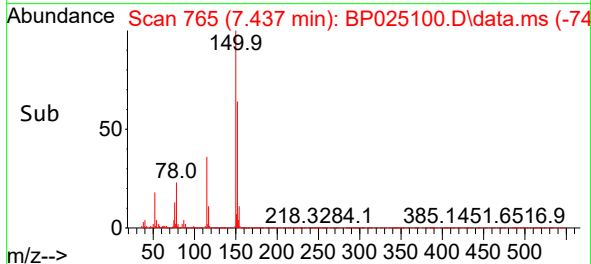
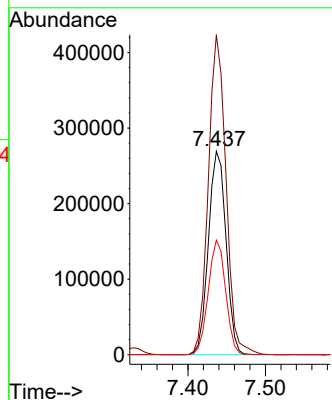
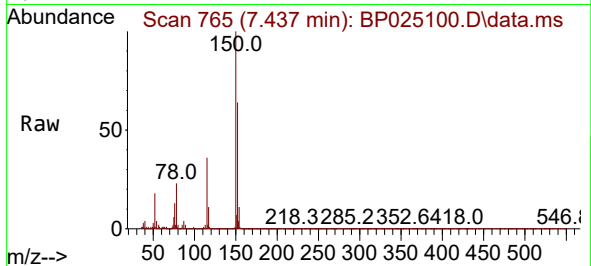
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.437 min Scan# 70
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:152 Resp: 424819
Ion Ratio Lower Upper
152 100
150 157.3 126.1 189.1
115 56.3 44.3 66.5

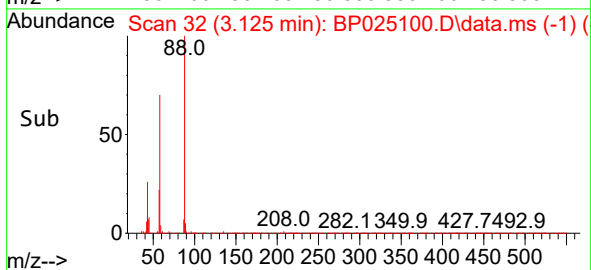
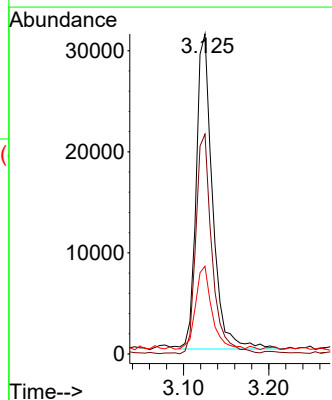
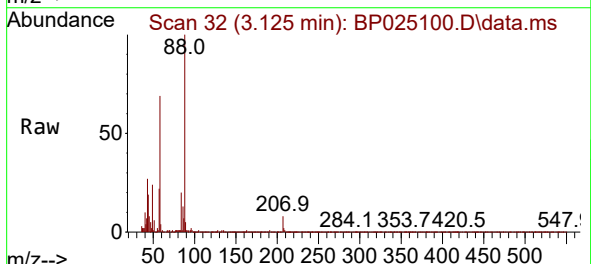
Manual Integrations
APPROVED

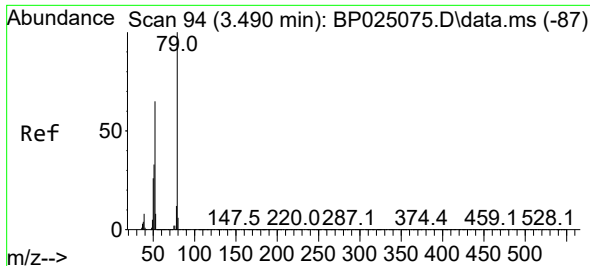
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#2
1,4-Dioxane
Concen: 4.450 ng
RT: 3.125 min Scan# 32
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

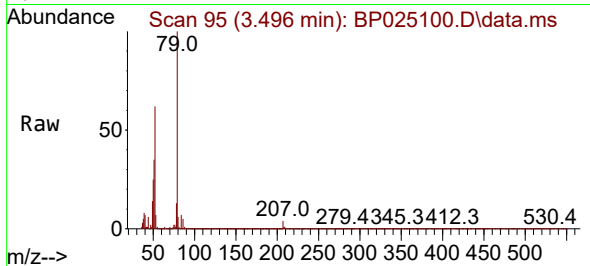
Tgt Ion: 88 Resp: 41487
Ion Ratio Lower Upper
88 100
58 69.0 55.0 82.4
43 26.2 21.9 32.9





#3
Pyridine
Concen: 4.161 ng
RT: 3.496 min Scan# 94
Delta R.T. 0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

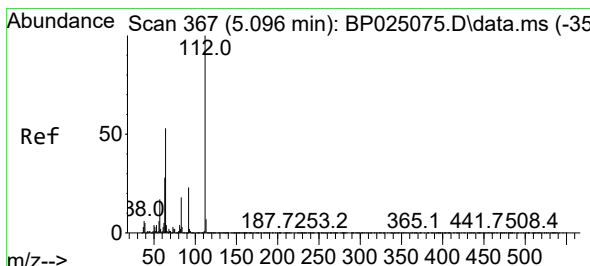
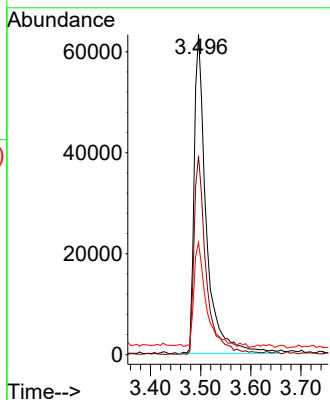
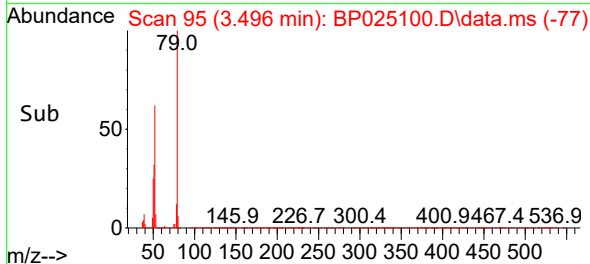
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 79 Resp: 10621
Ion Ratio Lower Upper
79 100
52 62.2 52.2 78.4
51 35.1 26.8 40.2

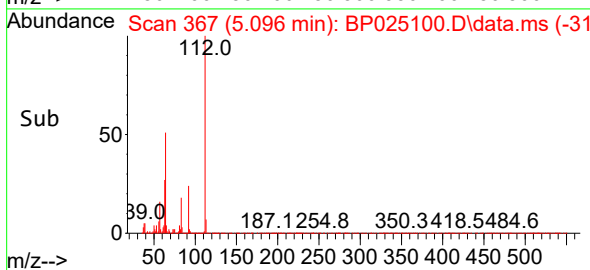
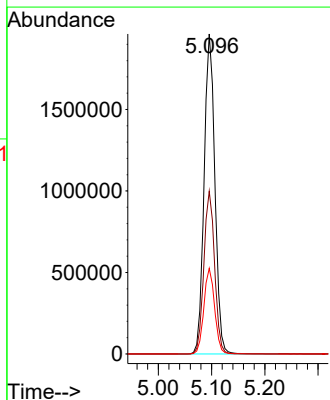
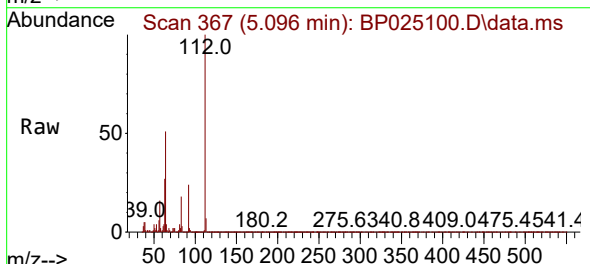
Manual Integrations
APPROVED

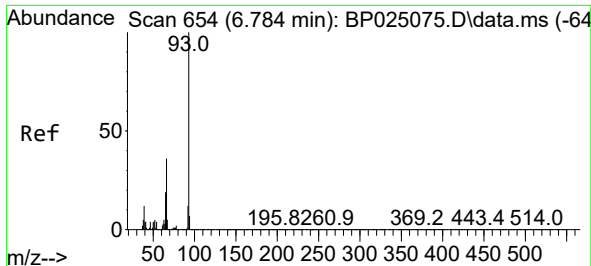
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#5
2-Fluorophenol
Concen: 114.704 ng
RT: 5.096 min Scan# 367
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

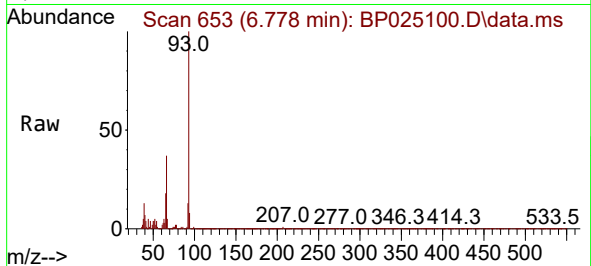
Tgt Ion:112 Resp: 2750143
Ion Ratio Lower Upper
112 100
64 50.9 42.0 63.0
63 26.8 22.2 33.2





#6
Aniline
Concen: 5.724 ng
RT: 6.778 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

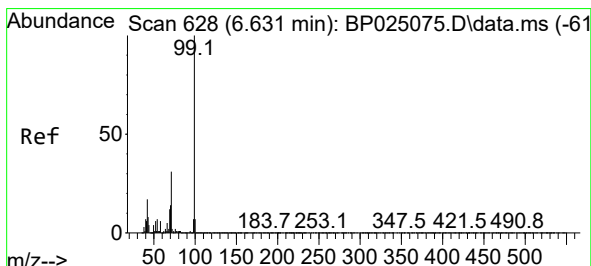
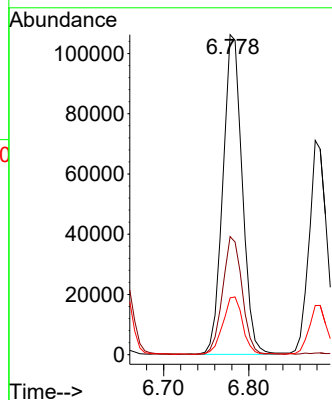
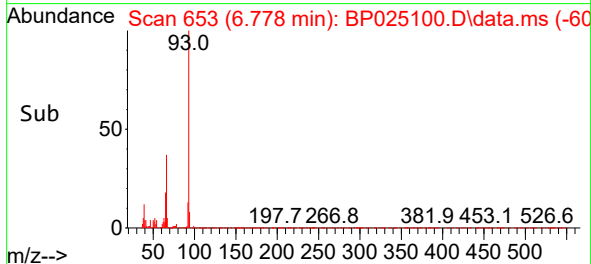
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion: 93 Resp: 167318
Ion Ratio Lower Upper
93 100
66 36.9 28.9 43.3
65 17.8 15.2 22.8

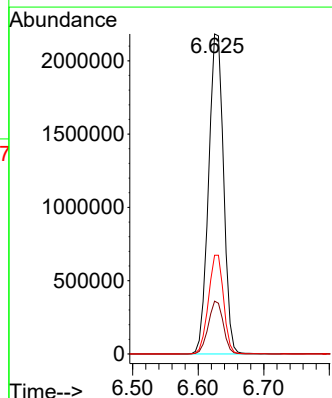
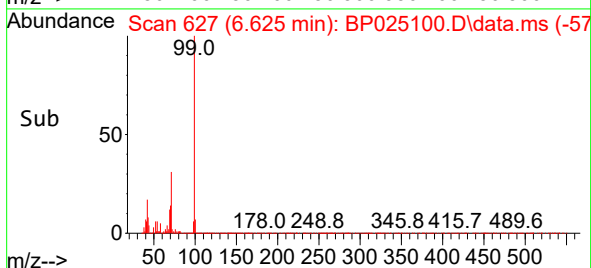
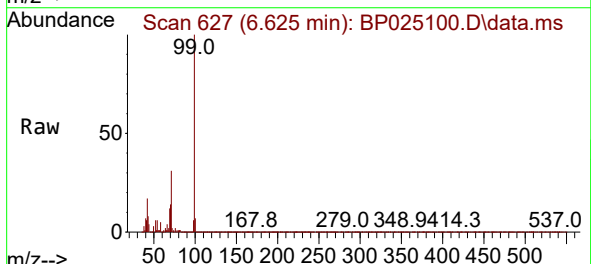
Manual Integrations
APPROVED

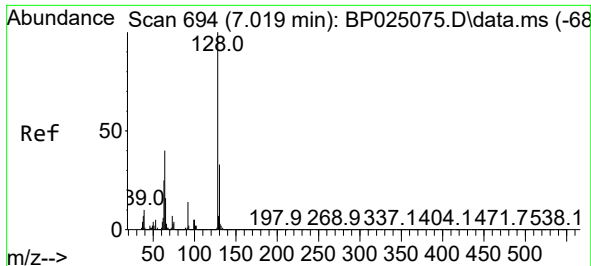
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#7
Phenol-d6
Concen: 110.912 ng
RT: 6.625 min Scan# 627
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

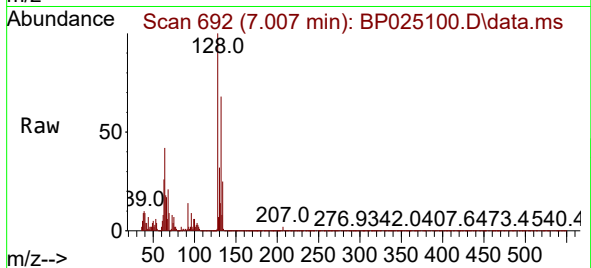
Tgt Ion: 99 Resp: 3470238
Ion Ratio Lower Upper
99 100
42 16.5 13.6 20.4
71 30.9 24.4 36.6





#8
2-Chlorophenol
Concen: 4.438 ng
RT: 7.007 min Scan# 694
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

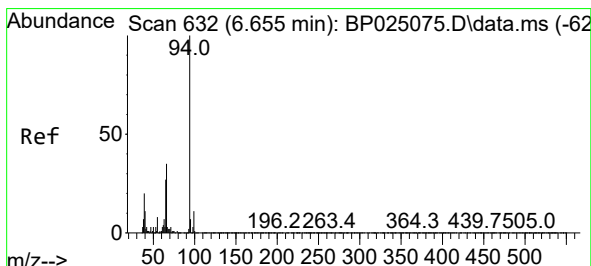
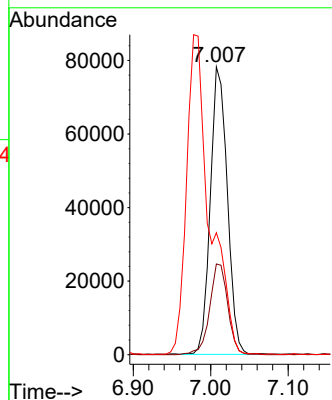
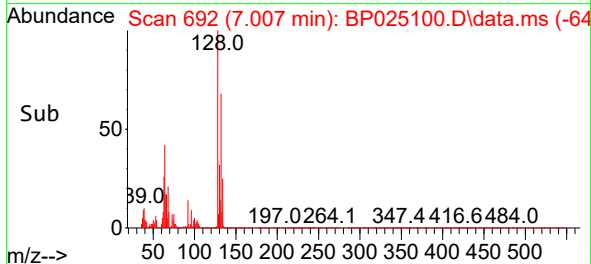
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



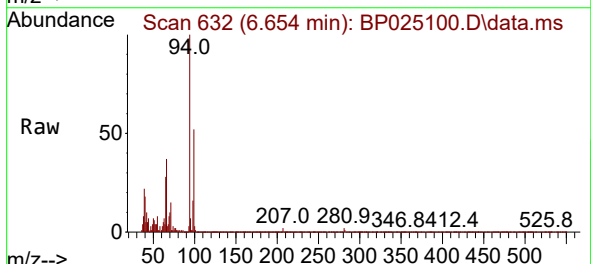
Tgt Ion:128 Resp: 119050
Ion Ratio Lower Upper
128 100
130 31.5 12.9 52.9
64 42.3 20.3 60.3

Manual Integrations
APPROVED

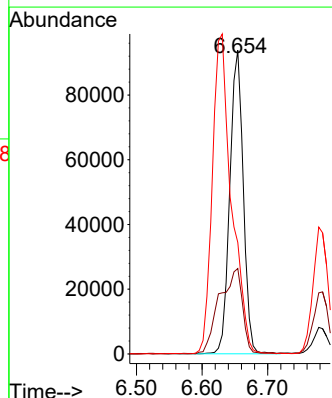
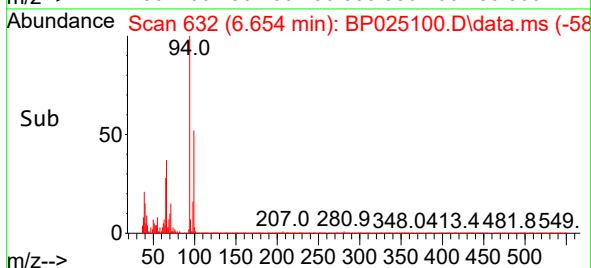
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

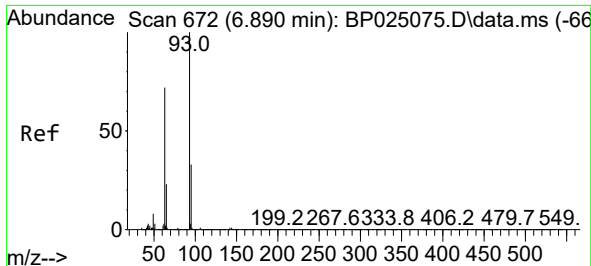


#10
Phenol
Concen: 4.211 ng
RT: 6.654 min Scan# 632
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



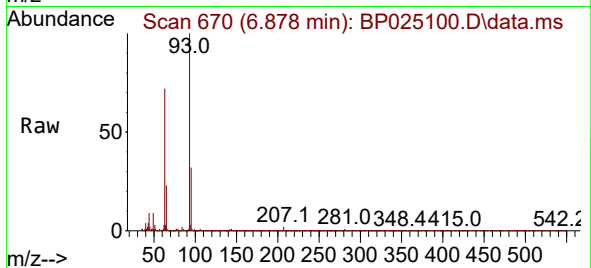
Tgt Ion: 94 Resp: 133871
Ion Ratio Lower Upper
94 100
65 28.2 6.9 46.9
66 36.7 14.6 54.6





#11
bis(2-Chloroethyl)ether
Concen: 4.197 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

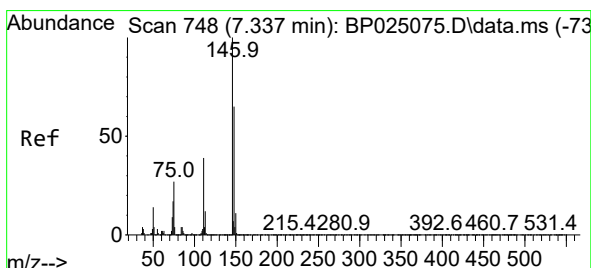
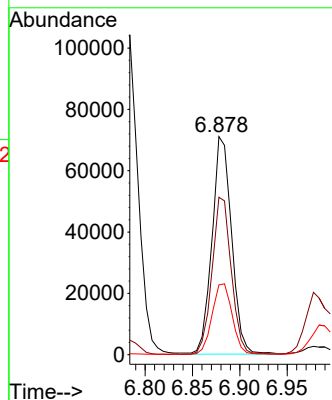
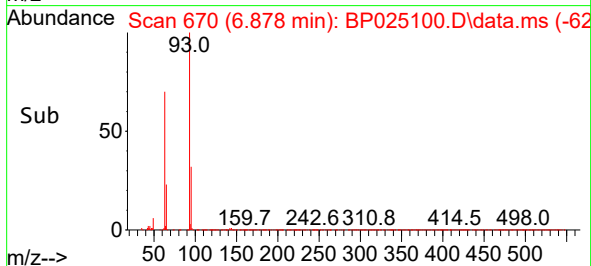
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



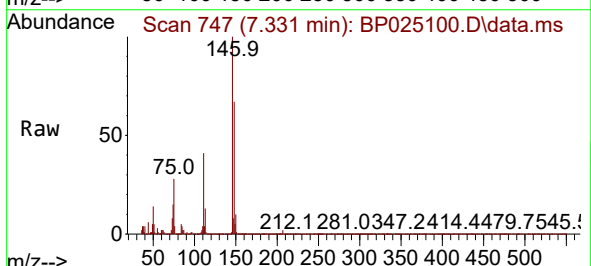
Tgt Ion: 93 Resp: 102678
Ion Ratio Lower Upper
93 100
63 72.2 51.9 91.9
95 32.0 12.4 52.4

Manual Integrations
APPROVED

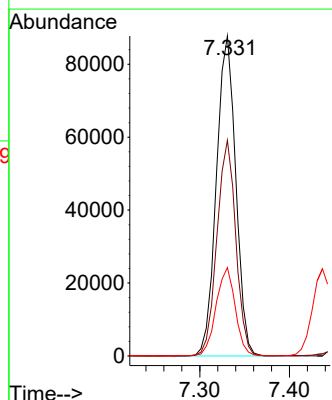
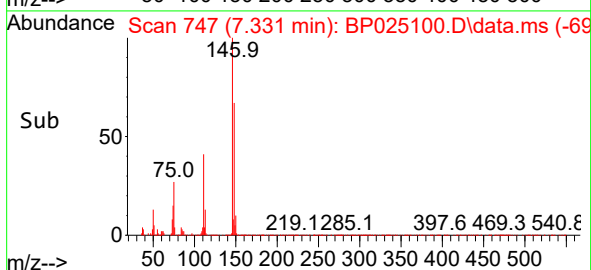
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

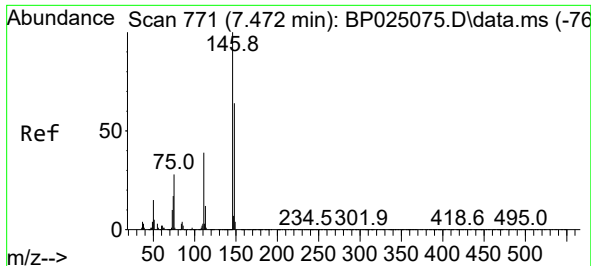


#12
1,3-Dichlorobenzene
Concen: 4.376 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



Tgt Ion:146 Resp: 131374
Ion Ratio Lower Upper
146 100
148 67.4 51.9 77.9
75 27.6 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 4.510 ng

RT: 7.472 min Scan# 771

Delta R.T. -0.000 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

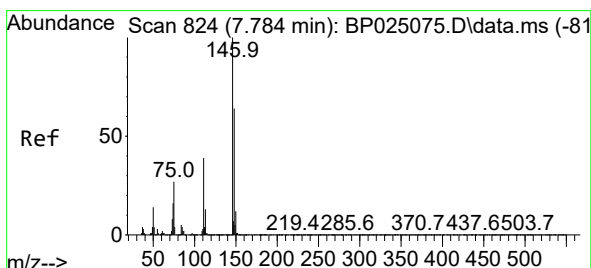
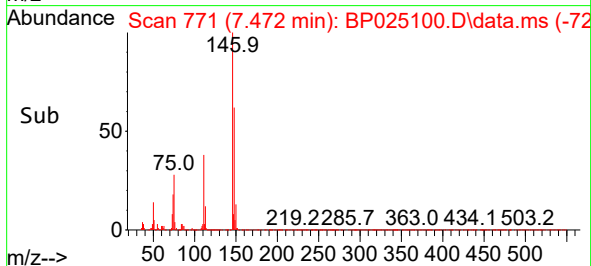
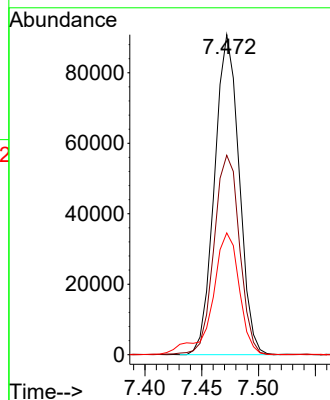
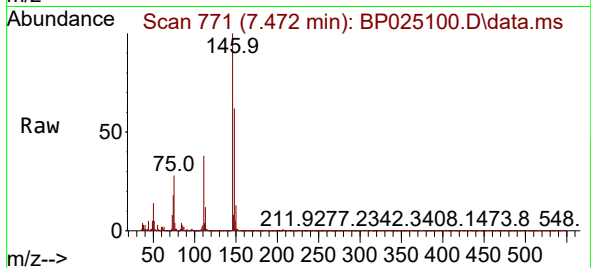
Tgt Ion:146 Resp: 137079
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.1 76.7
 111 38.1 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#14

1,2-Dichlorobenzene

Concen: 4.512 ng

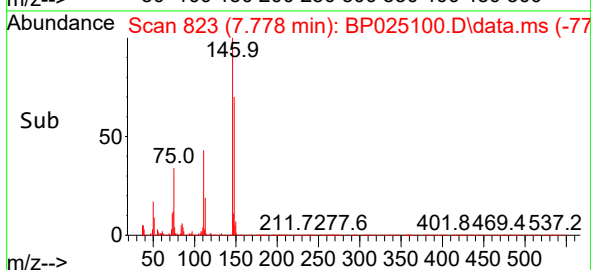
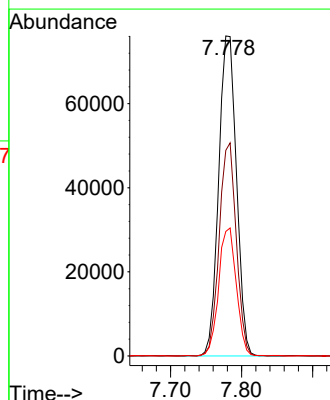
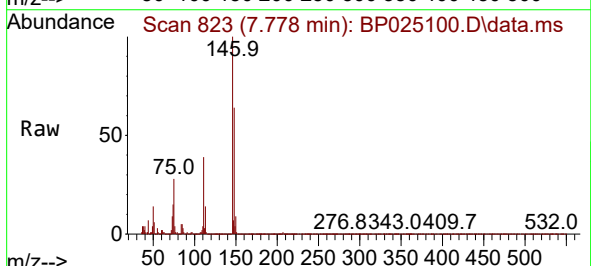
RT: 7.778 min Scan# 823

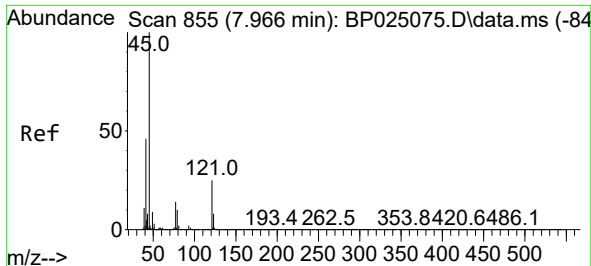
Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Tgt Ion:146 Resp: 131926
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.1 76.7
 111 38.9 31.2 46.8





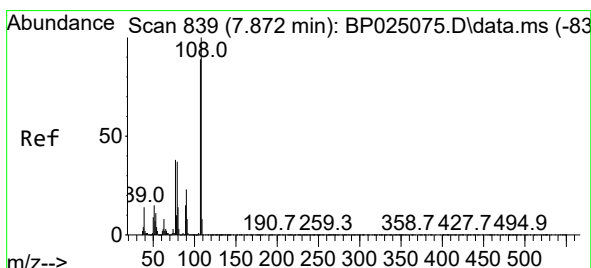
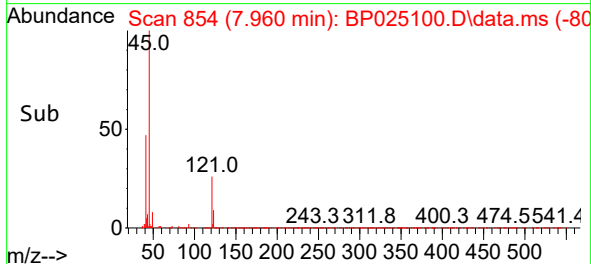
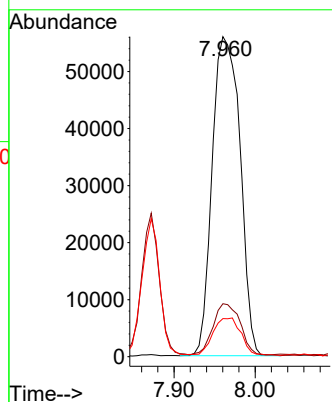
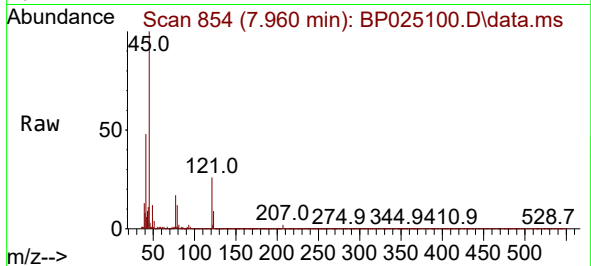
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.200 ng
RT: 7.960 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion: 45 Resp: 13360
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.8
79 11.9 0.0 30.7

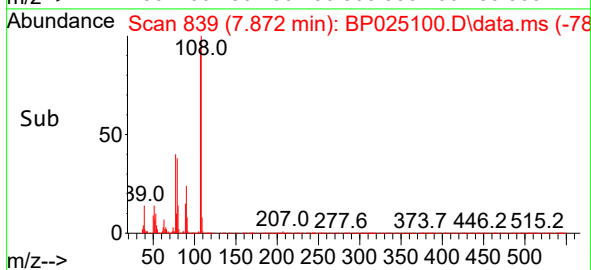
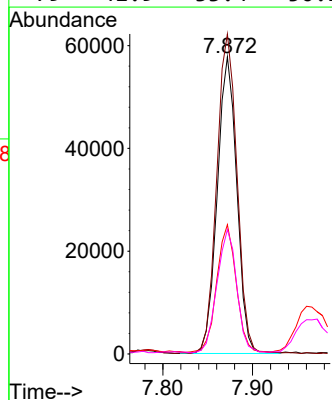
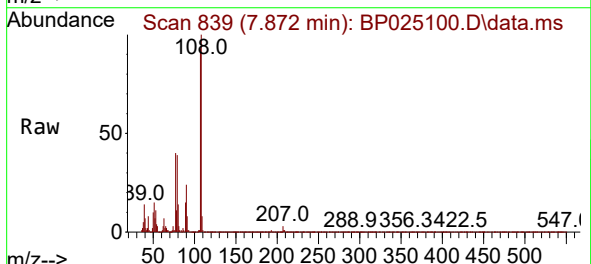
Manual Integrations
APPROVED

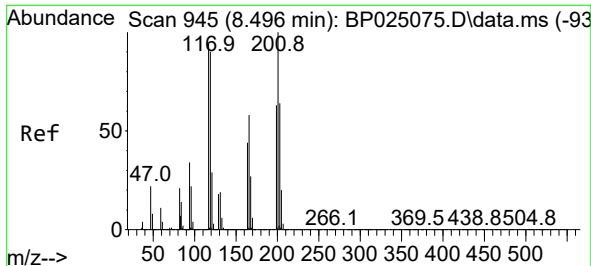
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#17
2-Methylphenol
Concen: 4.280 ng
RT: 7.872 min Scan# 839
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

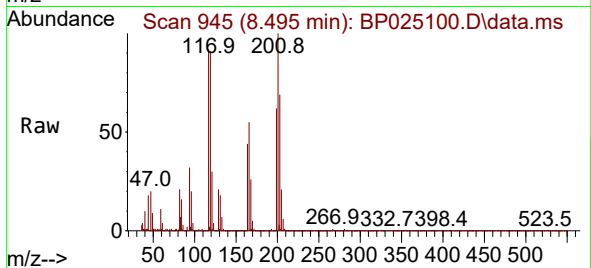
Tgt Ion:107 Resp: 87651
Ion Ratio Lower Upper
107 100
108 107.7 89.7 134.5
77 43.5 34.2 51.4
79 41.9 33.4 50.2





#18
Hexachloroethane
Concen: 4.527 ng
RT: 8.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

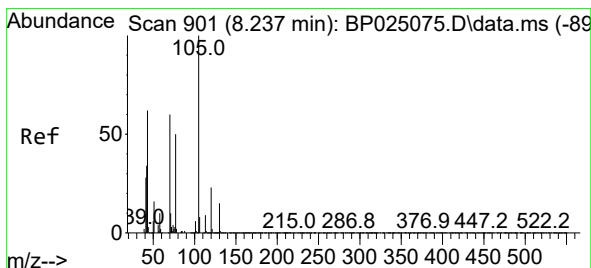
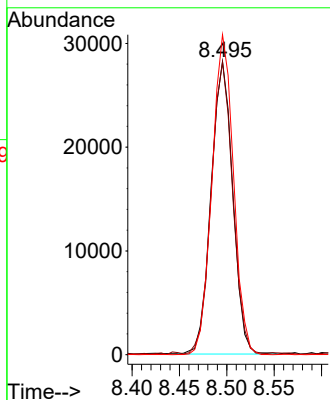
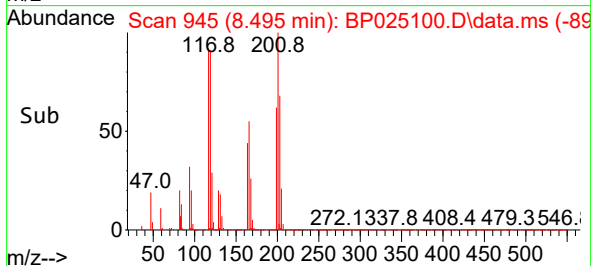
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



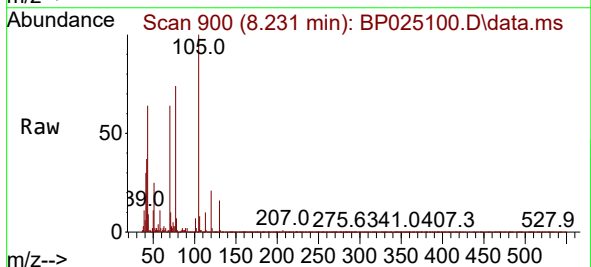
Tgt Ion: 117 Resp: 44825
Ion Ratio Lower Upper
117 100
119 99.8 76.6 115.0
201 109.1 85.4 128.2

Manual Integrations
APPROVED

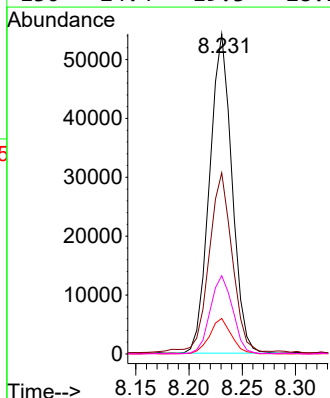
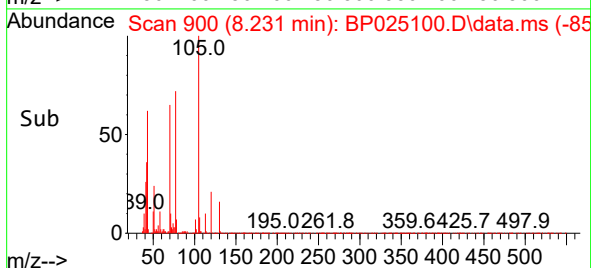
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

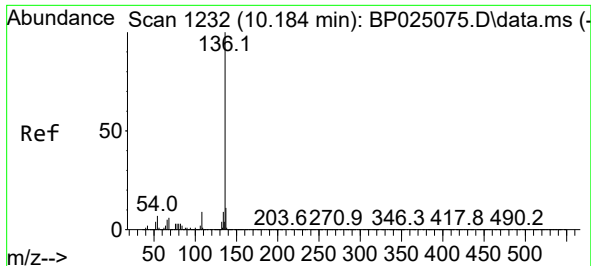


#19
n-Nitroso-di-n-propylamine
Concen: 4.273 ng
RT: 8.231 min Scan# 900
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



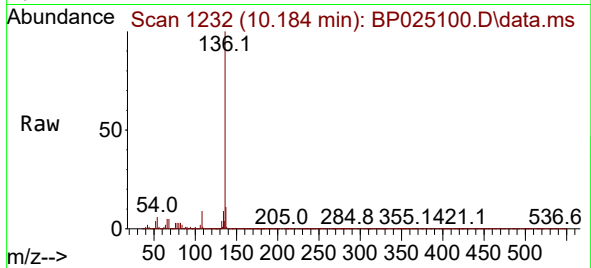
Tgt Ion: 70 Resp: 79293
Ion Ratio Lower Upper
70 100
42 56.6 46.5 69.7
101 11.1 7.9 11.9
130 24.4 19.3 28.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.184 min Scan# 1232
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

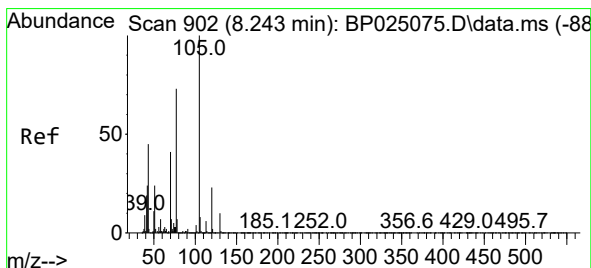
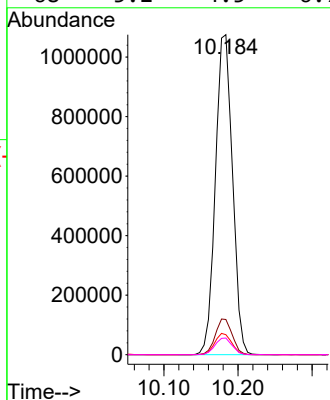
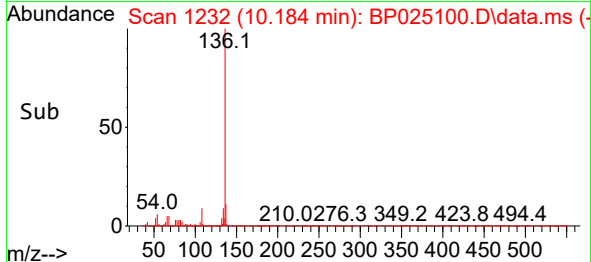
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:136 Resp: 1718378
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.3 5.4 8.2
68 5.2 4.5 6.7

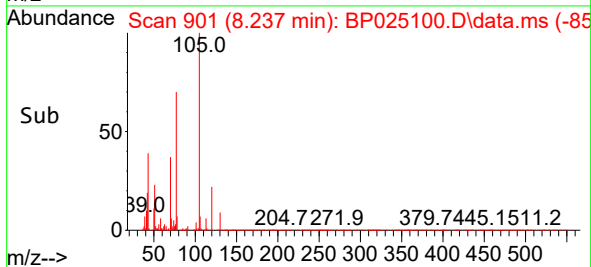
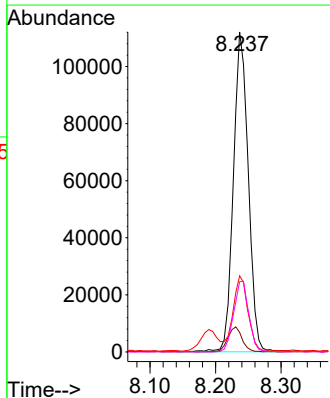
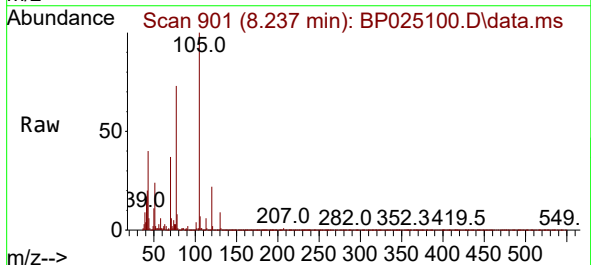
Manual Integrations
APPROVED

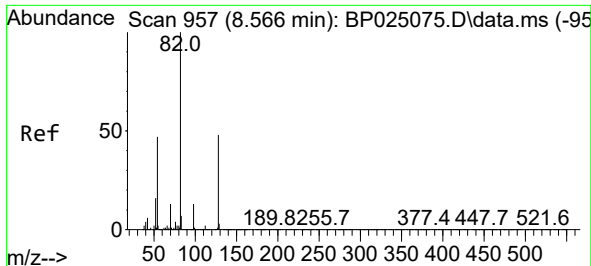
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#22
Acetophenone
Concen: 4.356 ng
RT: 8.237 min Scan# 901
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

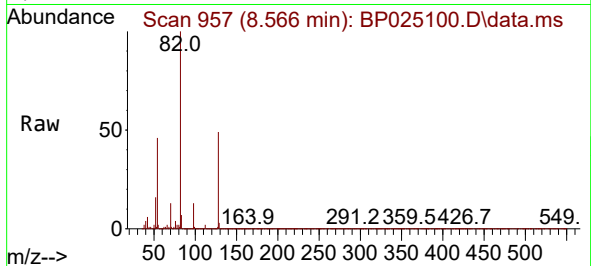
Tgt Ion:105 Resp: 177026
Ion Ratio Lower Upper
105 100
71 6.1 5.4 8.2
51 23.8 19.6 29.4
120 21.9 18.8 28.2





#23
Nitrobenzene-d5
Concen: 85.330 ng
RT: 8.566 min Scan# 910
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

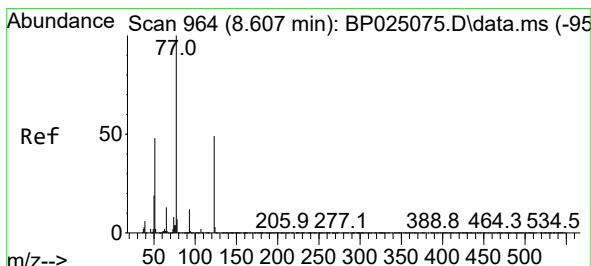
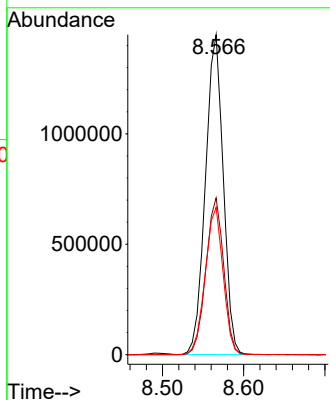
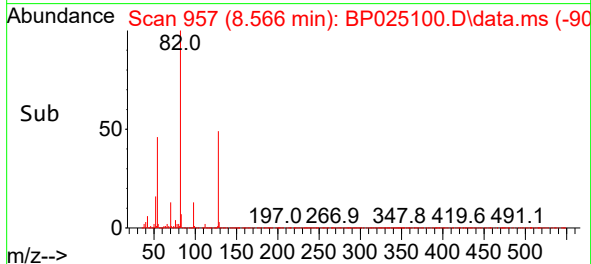
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



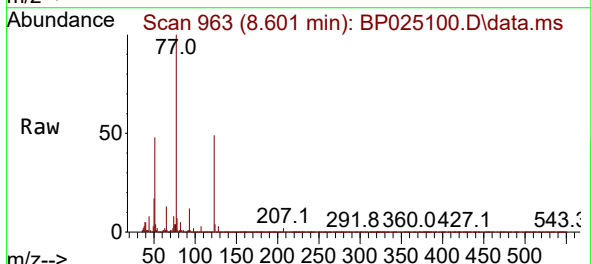
Tgt Ion: 82 Resp: 2204788
Ion Ratio Lower Upper
82 100
128 49.0 38.4 57.6
54 46.1 37.8 56.6

Manual Integrations
APPROVED

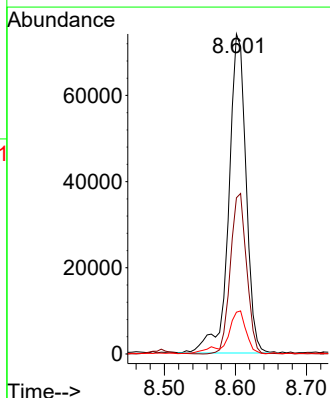
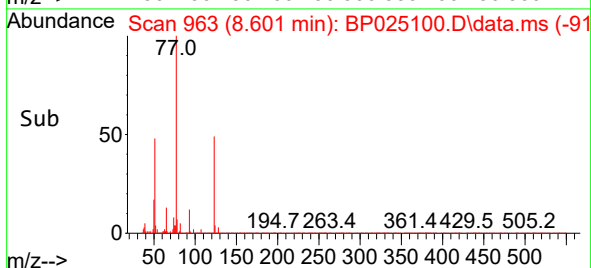
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

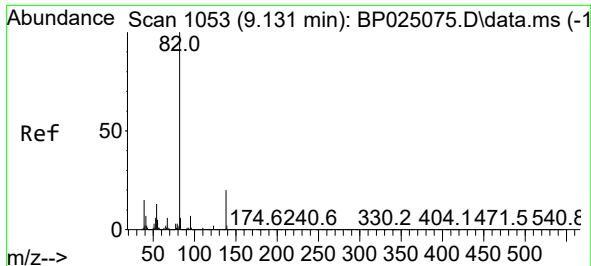


#24
Nitrobenzene
Concen: 4.771 ng
RT: 8.601 min Scan# 963
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



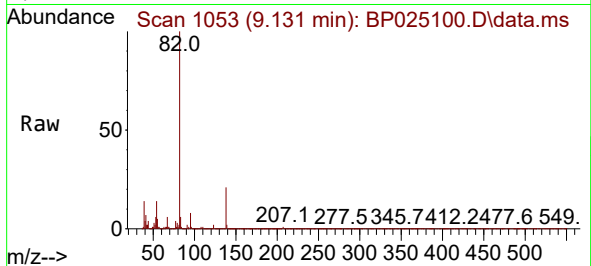
Tgt Ion: 77 Resp: 125571
Ion Ratio Lower Upper
77 100
123 48.8 39.0 58.6
65 13.1 10.7 16.1





#25
Isophorone
Concen: 4.554 ng
RT: 9.131 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

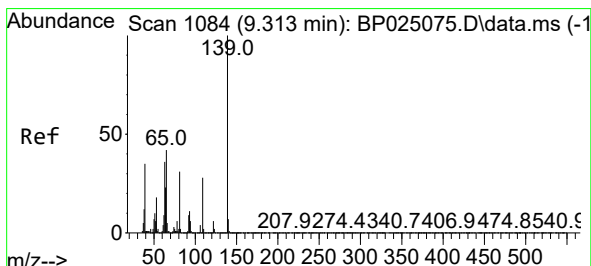
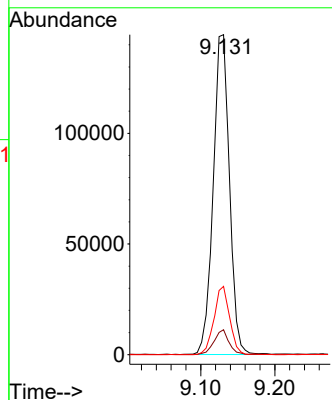
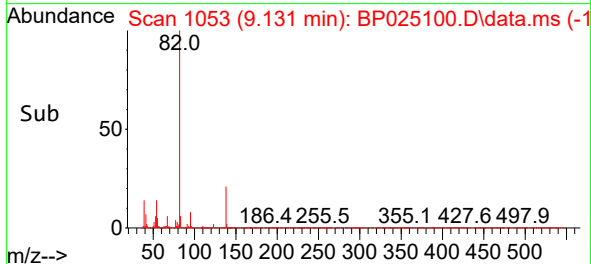
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



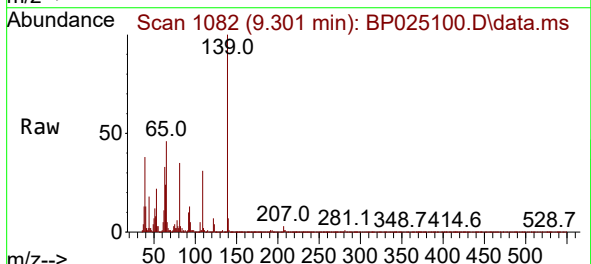
Tgt Ion: 82 Resp: 21988
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 21.4 15.7 23.5

Manual Integrations
APPROVED

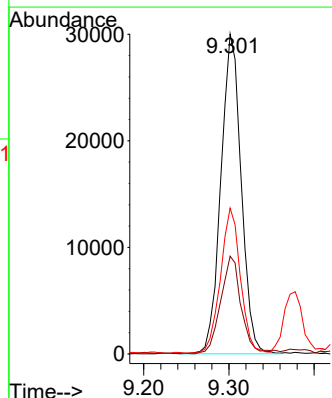
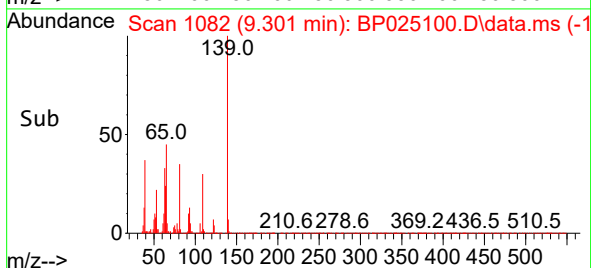
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

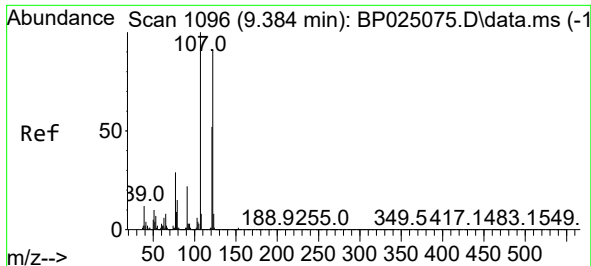


#26
2-Nitrophenol
Concen: 6.931 ng
RT: 9.301 min Scan# 1082
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



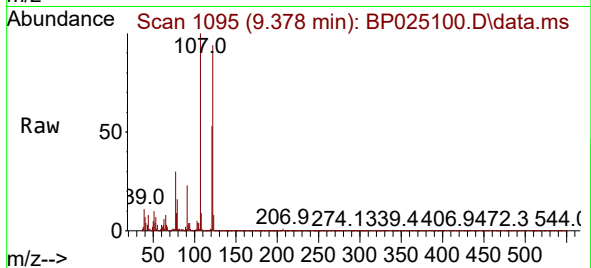
Tgt Ion:139 Resp: 49782
Ion Ratio Lower Upper
139 100
109 30.6 22.3 33.5
65 45.6 33.8 50.8





#27
2,4-Dimethylphenol
Concen: 5.787 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

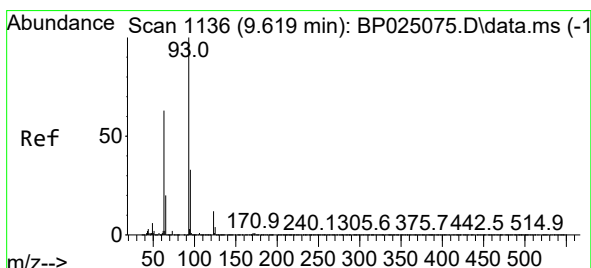
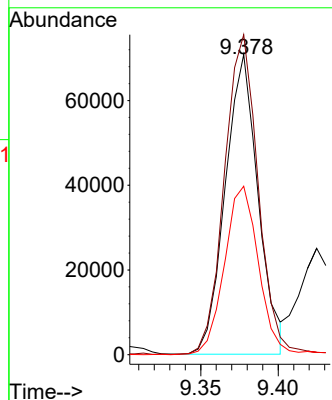
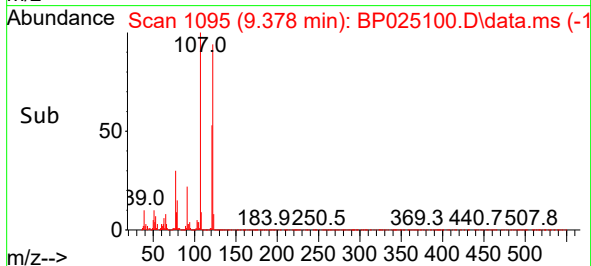
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



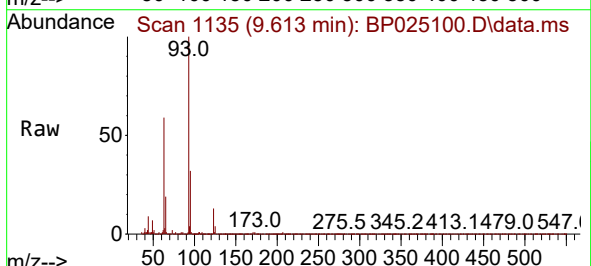
Tgt Ion:122 Resp: 10424
Ion Ratio Lower Upper
122 100
107 106.6 88.2 132.2
121 56.1 46.1 69.1

Manual Integrations
APPROVED

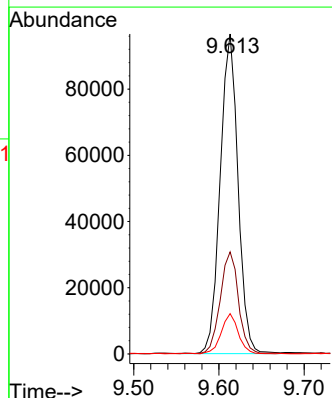
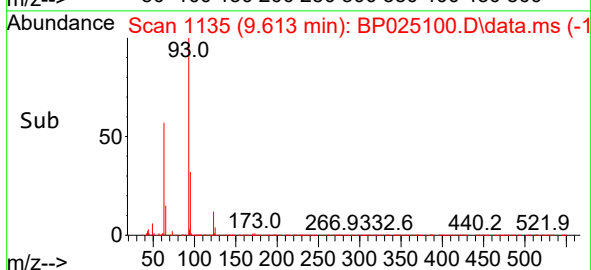
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

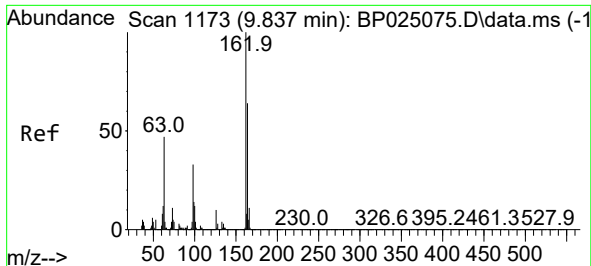


#28
bis(2-Chloroethoxy)methane
Concen: 4.279 ng
RT: 9.613 min Scan# 1135
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



Tgt Ion: 93 Resp: 140310
Ion Ratio Lower Upper
93 100
95 31.9 26.4 39.6
123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 4.117 ng

RT: 9.831 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:162 Resp: 10282

Ion Ratio Lower Upper

162 100

164 60.7 44.1 84.1

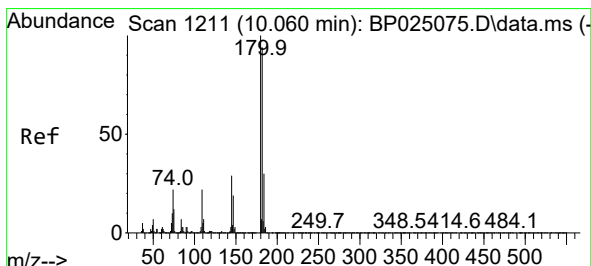
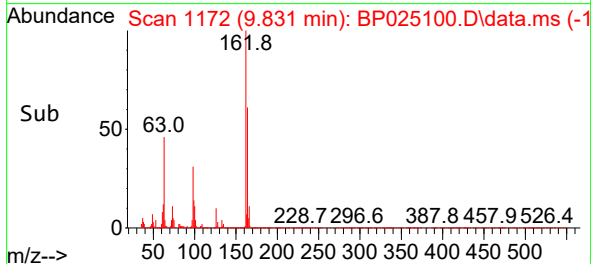
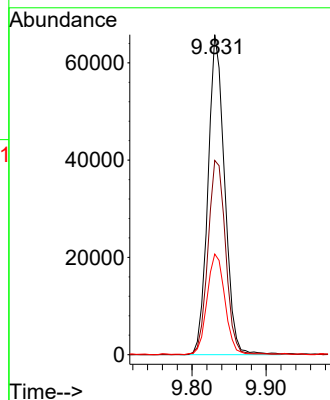
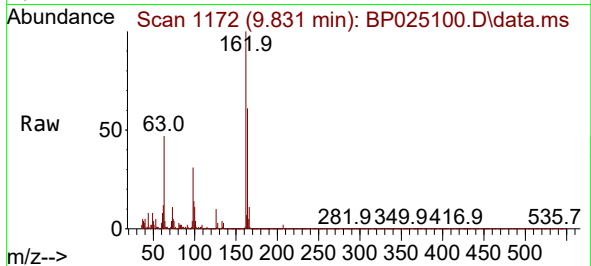
98 31.4 13.1 53.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#30

1,2,4-Trichlorobenzene

Concen: 4.434 ng

RT: 10.048 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

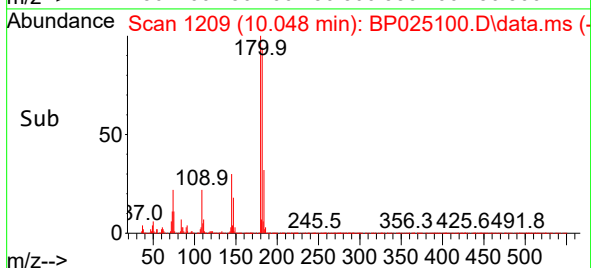
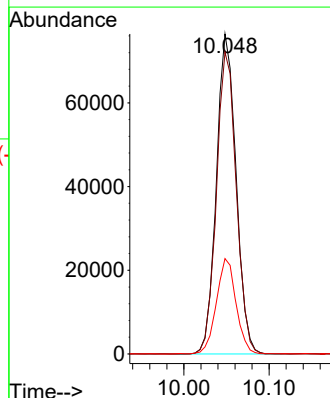
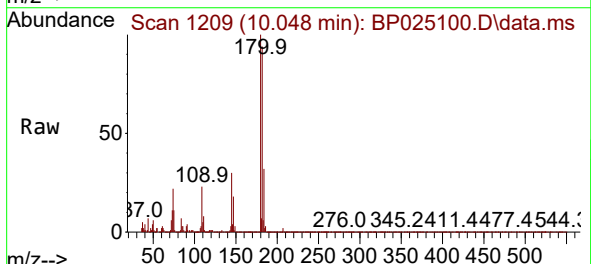
Tgt Ion:180 Resp: 122652

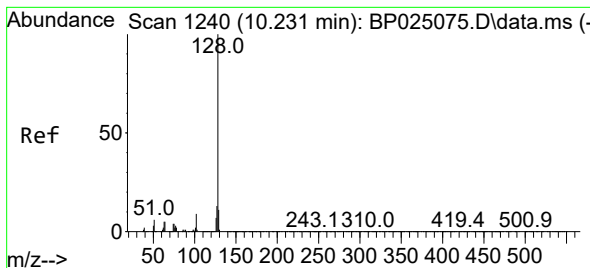
Ion Ratio Lower Upper

180 100

182 94.3 75.1 112.7

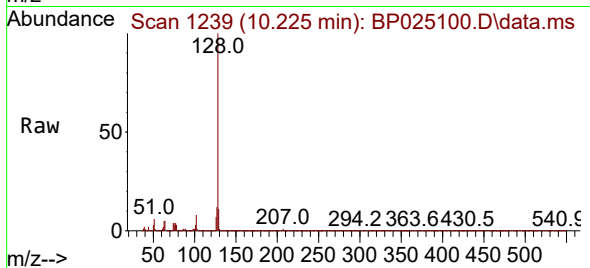
145 29.8 23.3 34.9





#31
Naphthalene
Concen: 4.180 ng
RT: 10.225 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

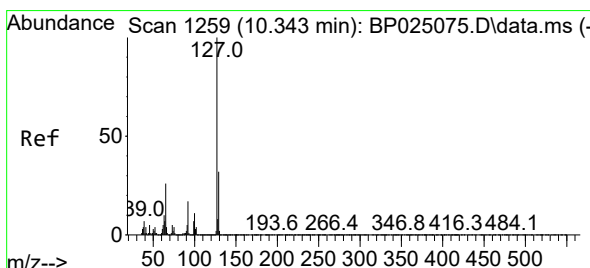
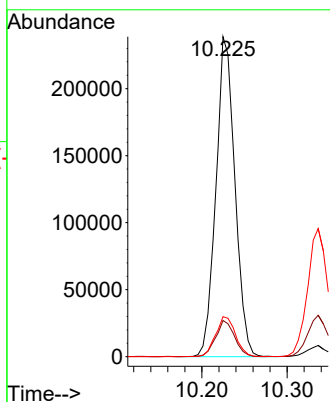
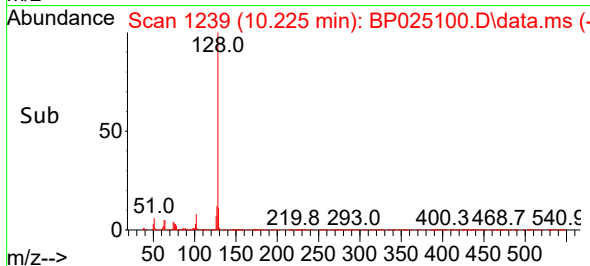
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



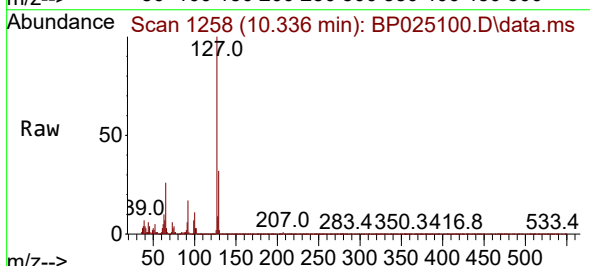
Tgt Ion:128 Resp: 36982
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.5 10.4 15.6

Manual Integrations
APPROVED

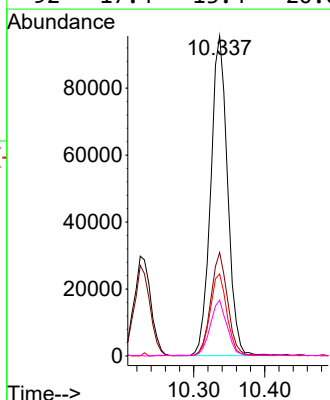
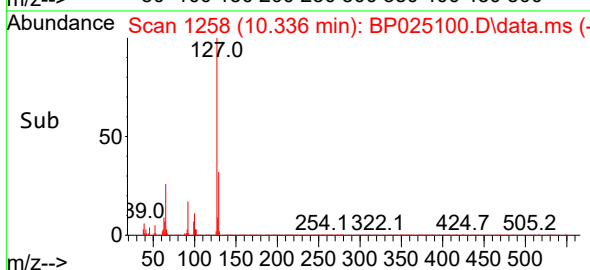
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

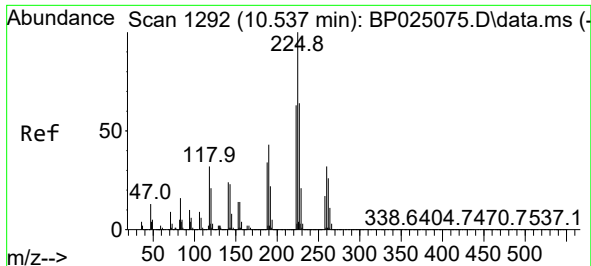


#33
4-Chloroaniline
Concen: 4.758 ng
RT: 10.336 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



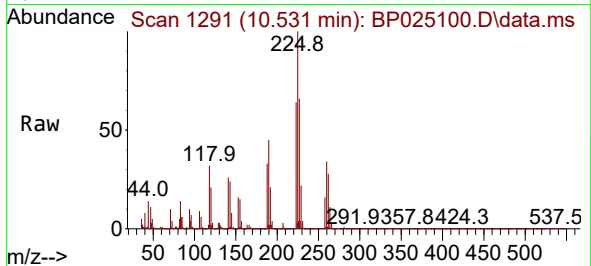
Tgt Ion:127 Resp: 157108
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.2
65 25.7 21.0 31.6
92 17.4 13.4 20.0





#34
Hexachlorobutadiene
Concen: 4.572 ng
RT: 10.531 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

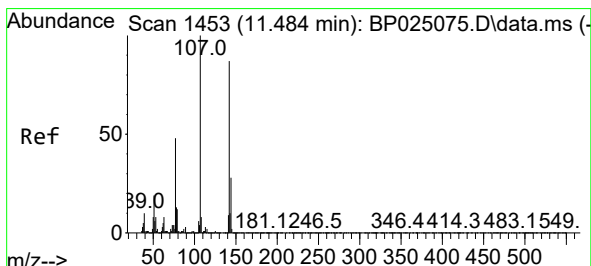
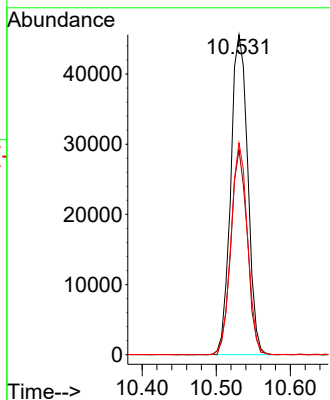
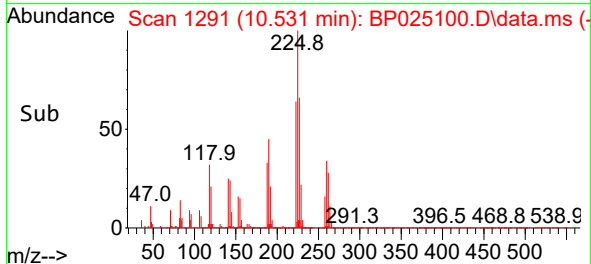
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



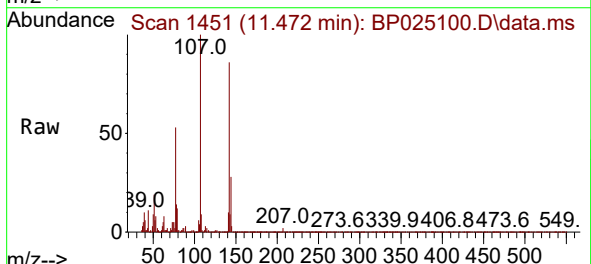
Tgt Ion: 225 Resp: 72574
Ion Ratio Lower Upper
225 100
223 64.0 50.3 75.5
227 66.2 51.3 76.9

Manual Integrations
APPROVED

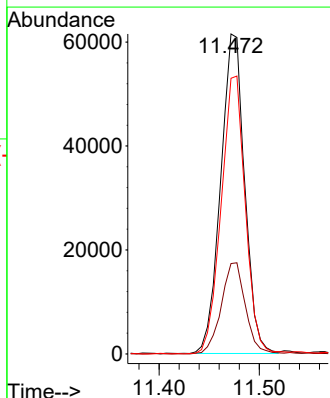
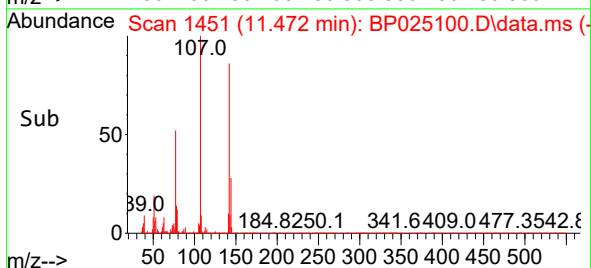
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

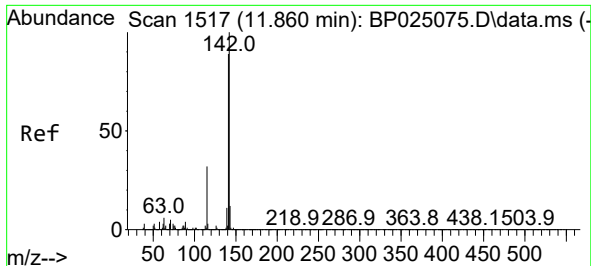


#36
4-Chloro-3-methylphenol
Concen: 3.904 ng
RT: 11.472 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



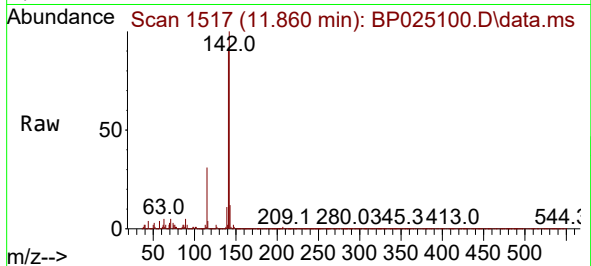
Tgt Ion: 107 Resp: 101905
Ion Ratio Lower Upper
107 100
144 28.2 22.4 33.6
142 86.1 69.6 104.4





#37
2-Methylnaphthalene
Concen: 3.778 ng
RT: 11.860 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

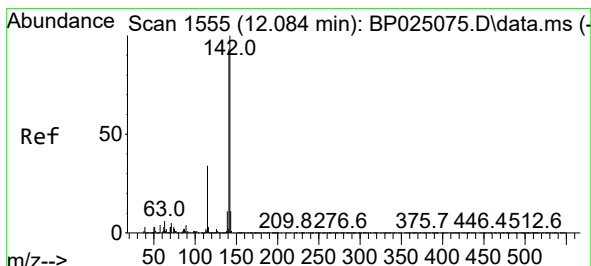
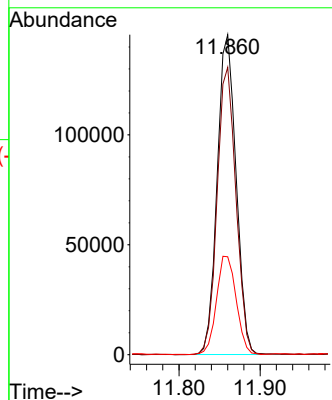
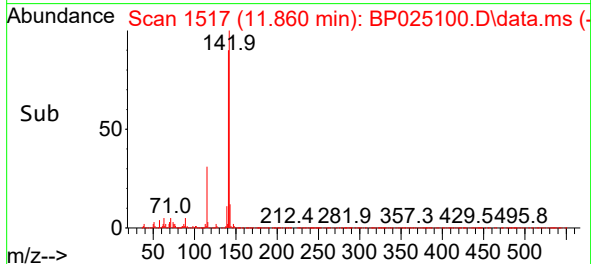
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



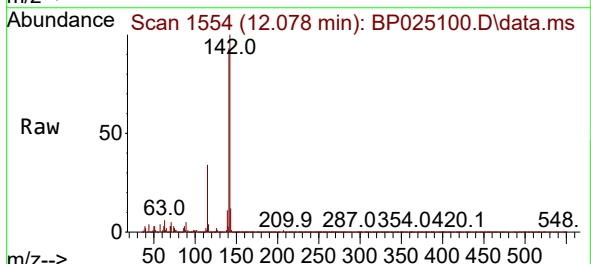
Tgt Ion:142 Resp: 235888
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8
115 30.6 25.9 38.9

Manual Integrations
APPROVED

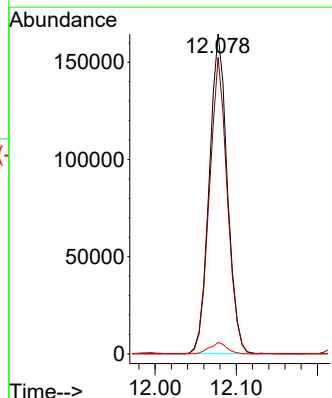
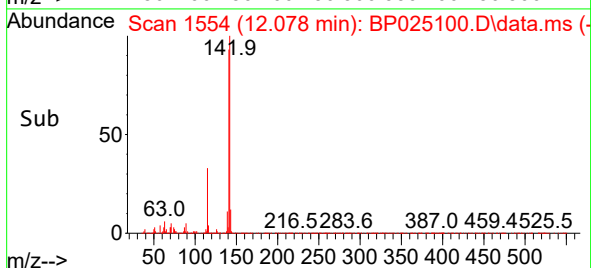
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

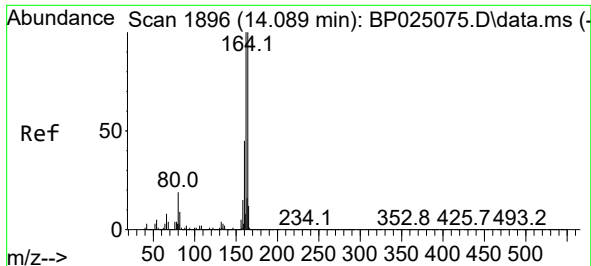


#38
1-Methylnaphthalene
Concen: 4.167 ng
RT: 12.078 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



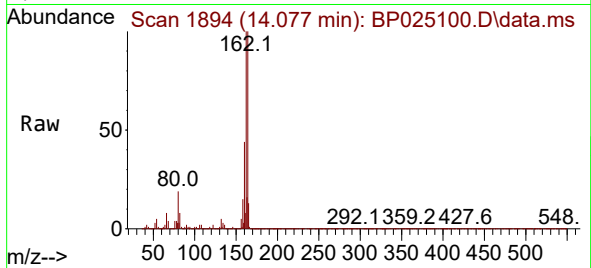
Tgt Ion:142 Resp: 253699
Ion Ratio Lower Upper
142 100
141 92.7 74.1 111.1
116 3.6 2.7 4.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.077 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

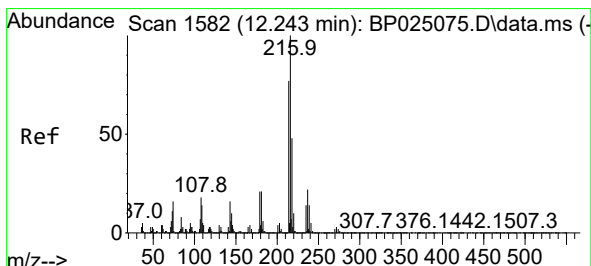
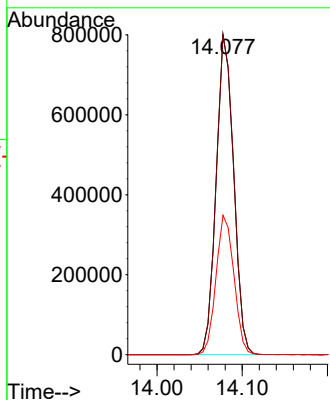
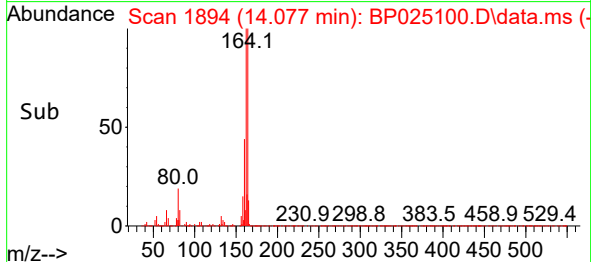
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



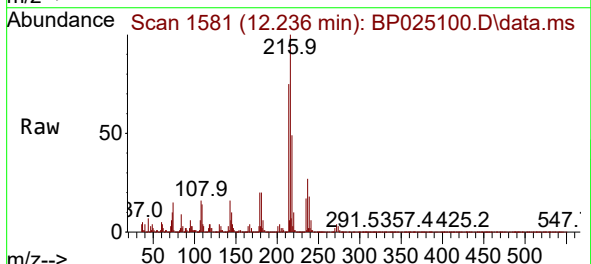
Tgt Ion:164 Resp: 114065
Ion Ratio Lower Upper
164 100
162 100.0 80.3 120.5
160 43.6 35.9 53.9

Manual Integrations
APPROVED

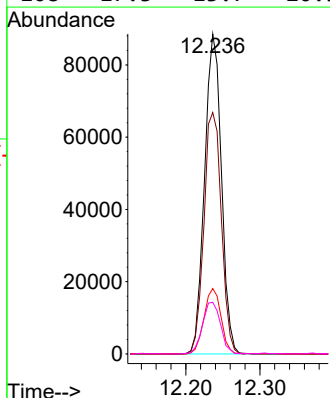
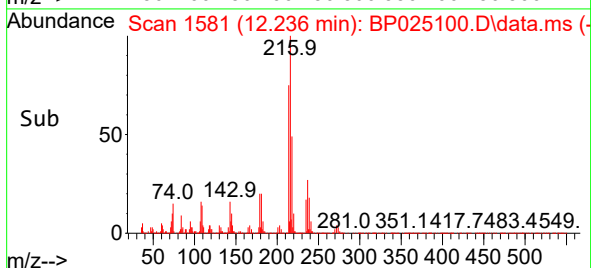
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

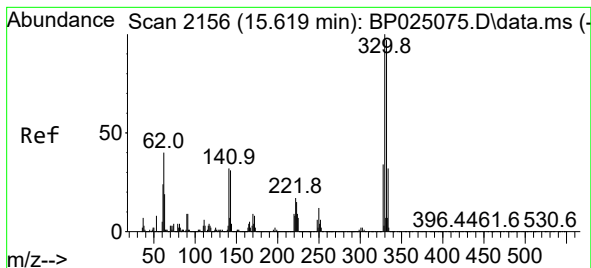


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.264 ng
RT: 12.236 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



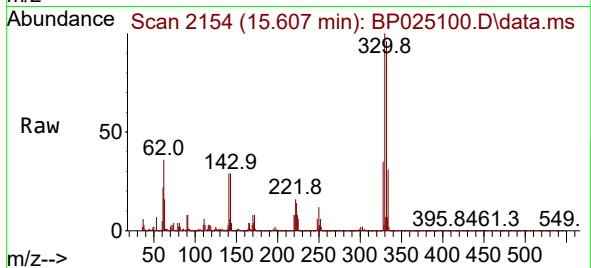
Tgt Ion:216 Resp: 139768
Ion Ratio Lower Upper
216 100
214 78.1 62.4 93.6
179 20.6 16.5 24.7
108 17.3 13.7 20.5





#42
2,4,6-Tribromophenol
Concen: 138.798 ng
RT: 15.607 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

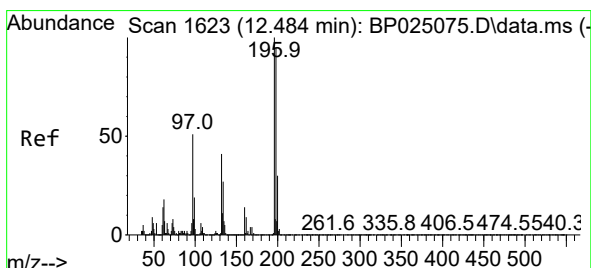
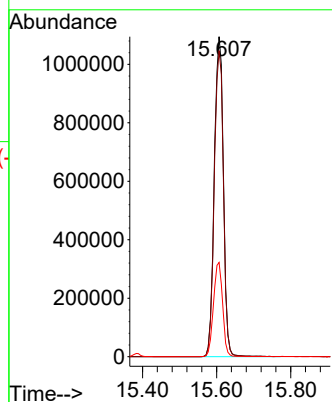
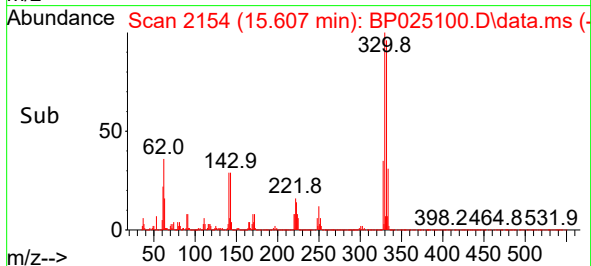
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion: 330 Resp: 1870299
Ion Ratio Lower Upper
330 100
332 95.8 77.7 116.5
141 29.4 26.0 39.0

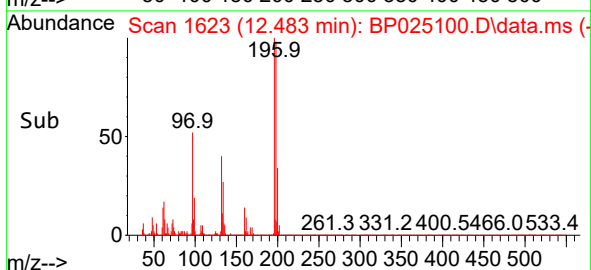
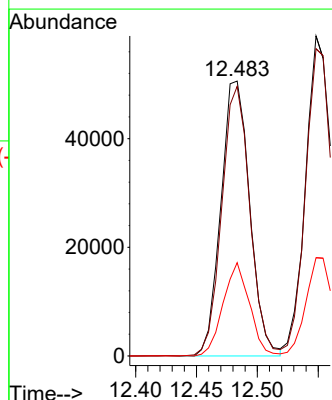
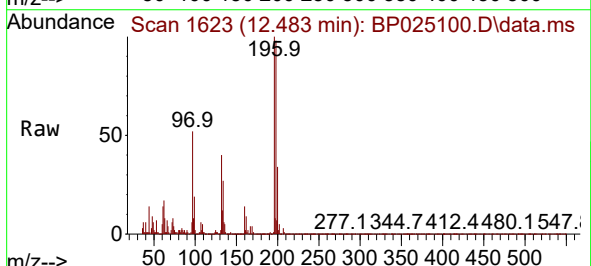
Manual Integrations
APPROVED

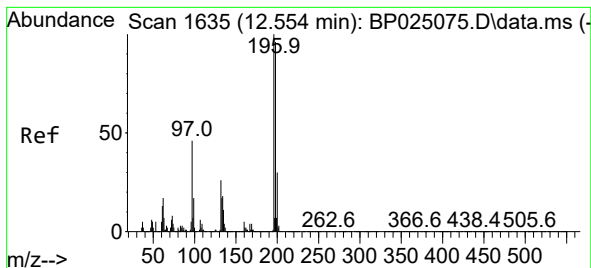
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#43
2,4,6-Trichlorophenol
Concen: 4.211 ng
RT: 12.483 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

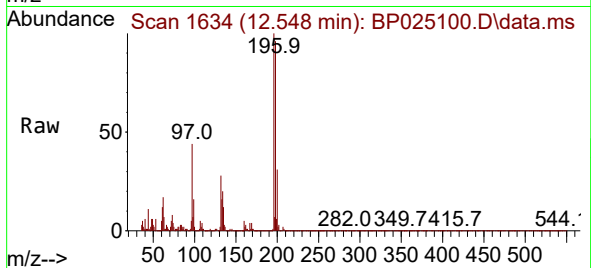
Tgt Ion: 196 Resp: 83596
Ion Ratio Lower Upper
196 100
198 98.1 76.2 114.2
200 33.9 24.3 36.5





#44
2,4,5-Trichlorophenol
Concen: 3.943 ng
RT: 12.548 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

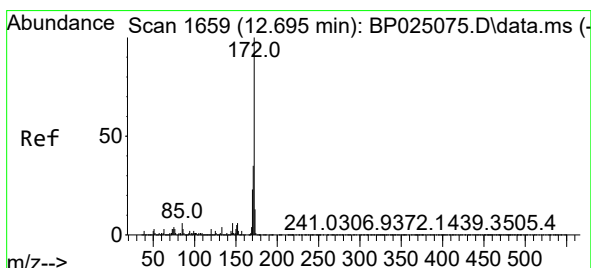
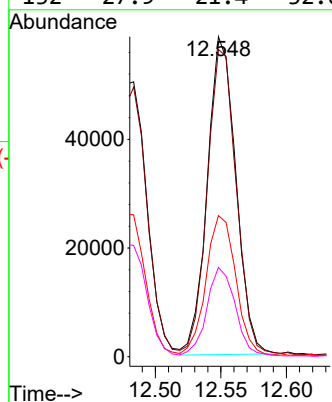
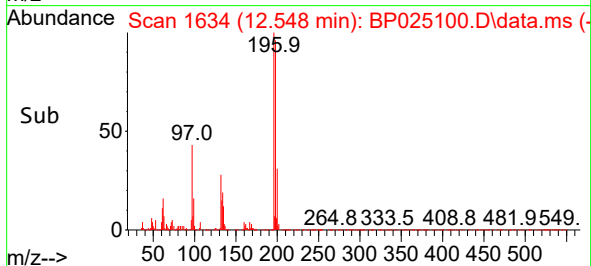
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



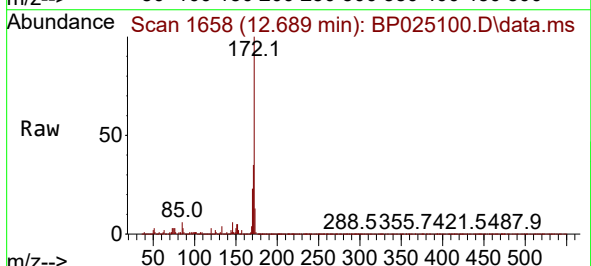
Tgt Ion:196 Resp: 88698
Ion Ratio Lower Upper
196 100
198 96.0 76.6 115.0
97 44.1 36.6 55.0
132 27.9 21.4 32.0

Manual Integrations
APPROVED

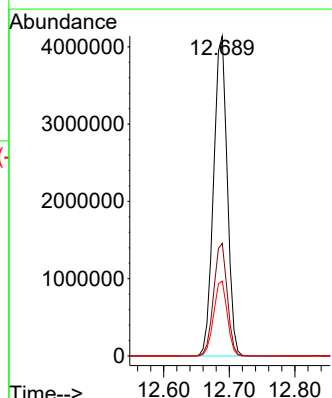
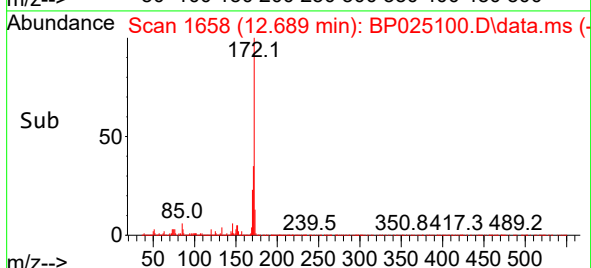
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

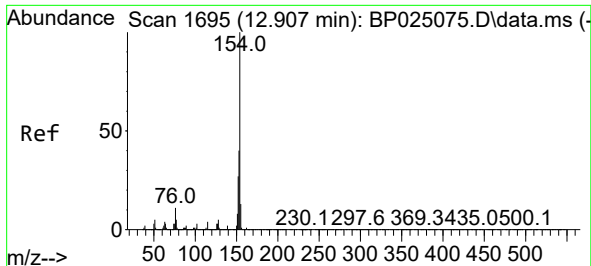


#45
2-Fluorobiphenyl
Concen: 81.188 ng
RT: 12.689 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



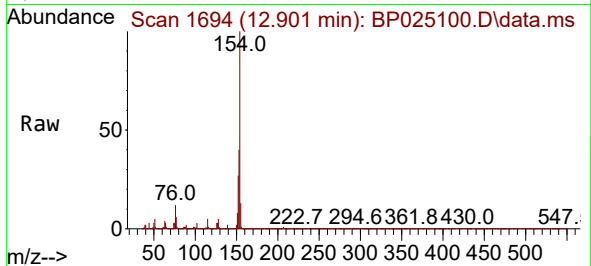
Tgt Ion:172 Resp: 5977891
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 23.4 18.7 28.1





#46
1,1'-Biphenyl
Concen: 4.293 ng
RT: 12.901 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

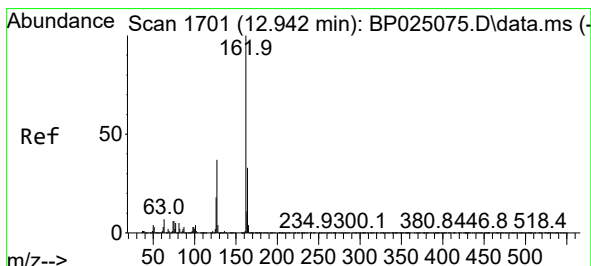
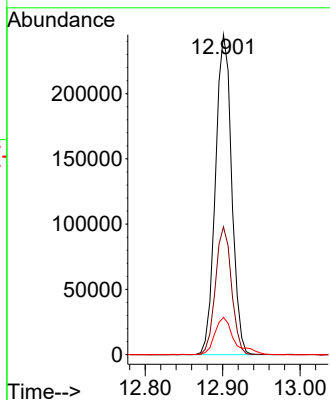
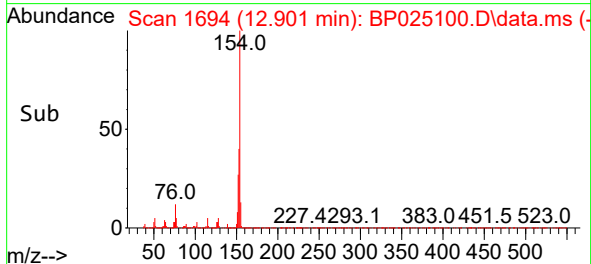
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



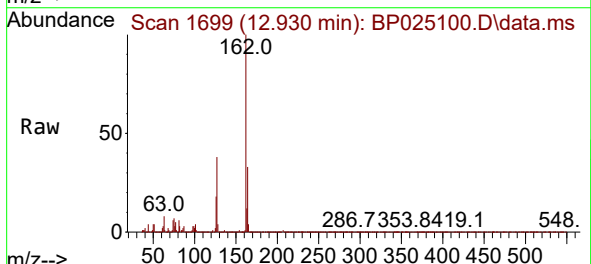
Tgt Ion:154 Resp: 35630
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 11.6 0.0 31.5

Manual Integrations
APPROVED

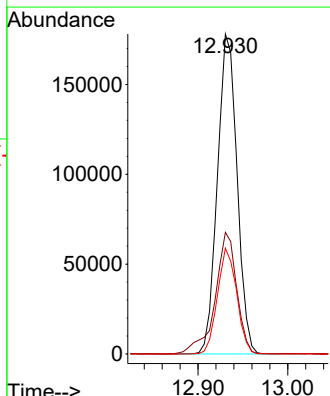
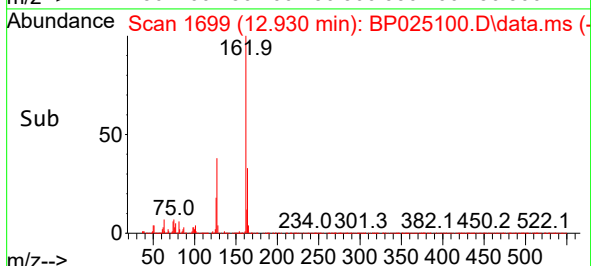
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

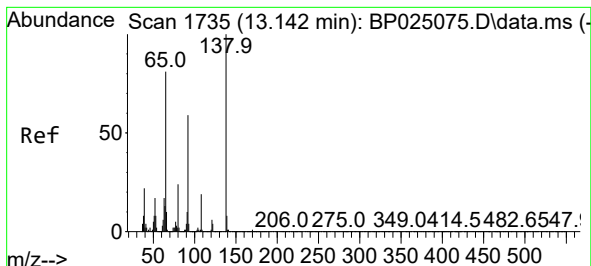


#47
2-Chloronaphthalene
Concen: 4.343 ng
RT: 12.930 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



Tgt Ion:162 Resp: 270932
Ion Ratio Lower Upper
162 100
127 38.0 29.4 44.2
164 33.0 26.4 39.6





#48

2-Nitroaniline

Concen: 6.276 ng

RT: 13.136 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

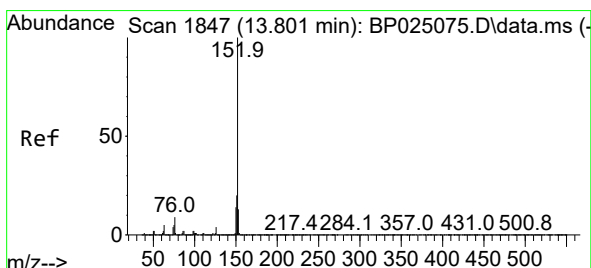
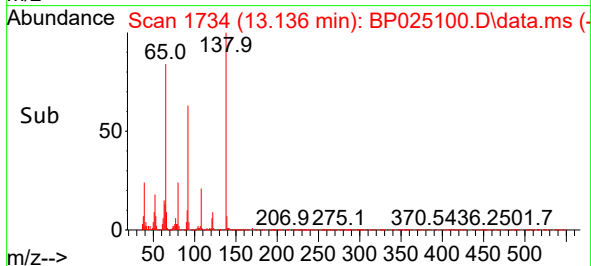
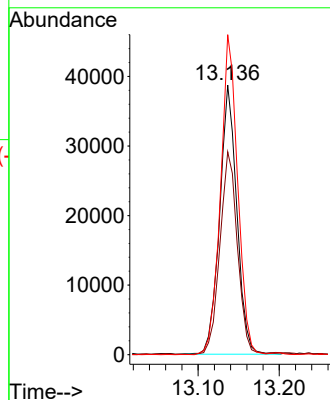
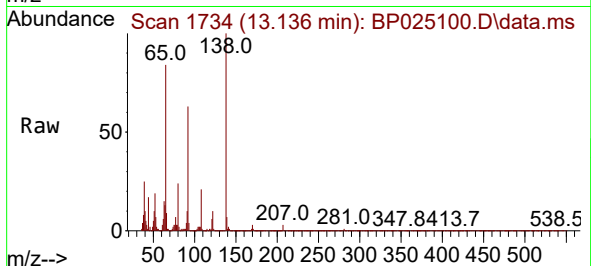
Tgt Ion:	65	Resp:	56939
Ion Ratio	Lower	Upper	
65	100		
92	75.2	58.7	88.1
138	118.7	99.0	148.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#49

Acenaphthylene

Concen: 4.537 ng

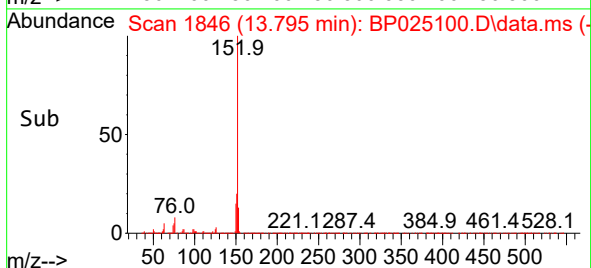
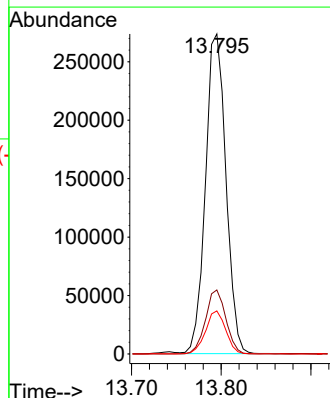
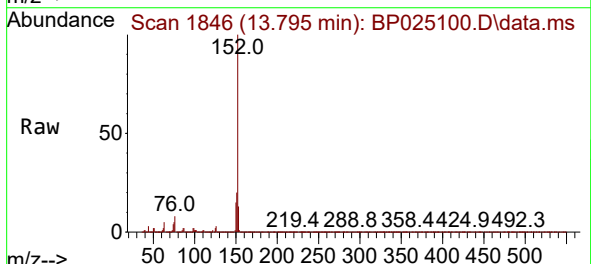
RT: 13.795 min Scan# 1846

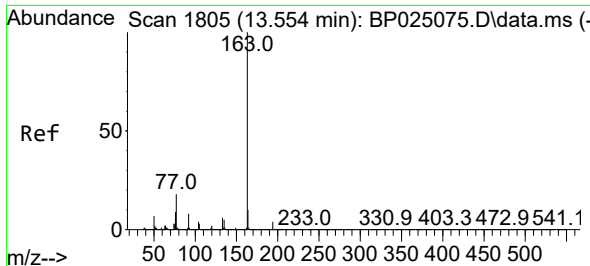
Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

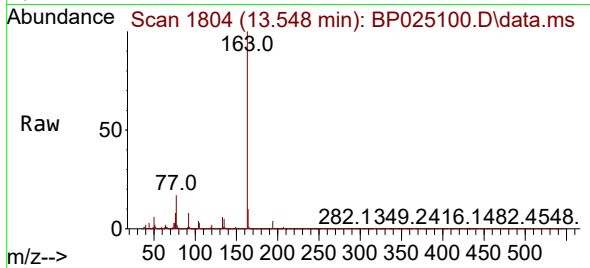
Tgt Ion:	152	Resp:	433189
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	13.5	10.7	16.1





#50
Dimethylphthalate
Concen: 4.324 ng
RT: 13.548 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

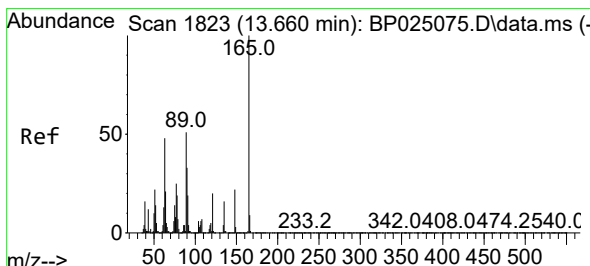
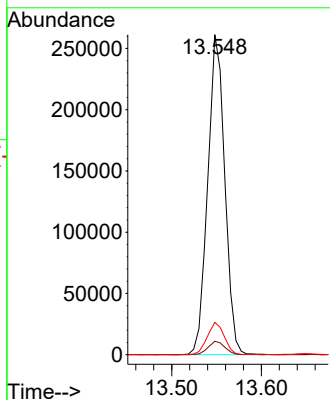
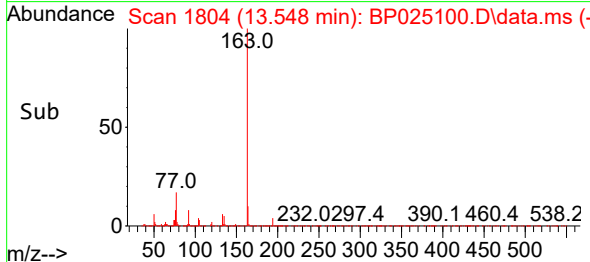
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



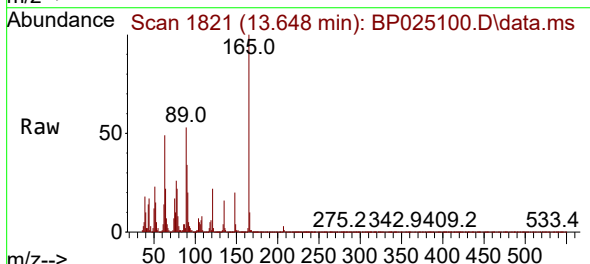
Tgt Ion:163 Resp: 345254
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.0 12.0

Manual Integrations
APPROVED

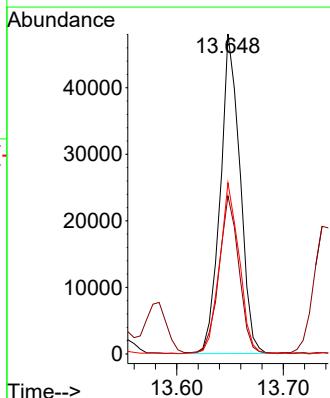
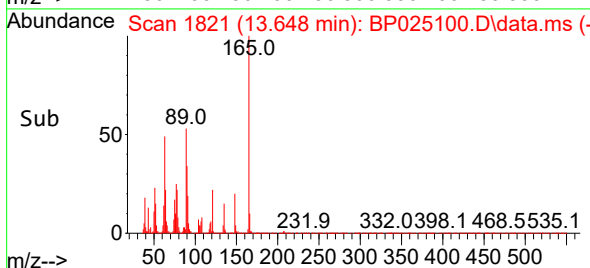
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

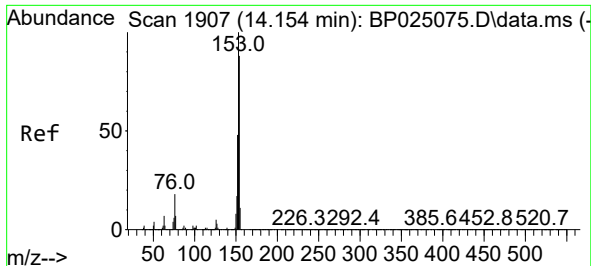


#51
2,6-Dinitrotoluene
Concen: 3.954 ng
RT: 13.648 min Scan# 1821
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



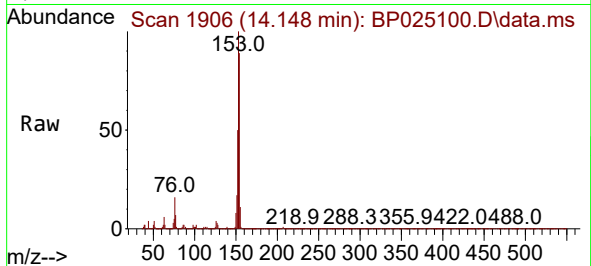
Tgt Ion:165 Resp: 61578
Ion Ratio Lower Upper
165 100
63 49.4 38.5 57.7
89 53.5 40.6 61.0





#52
Acenaphthene
Concen: 4.246 ng
RT: 14.148 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

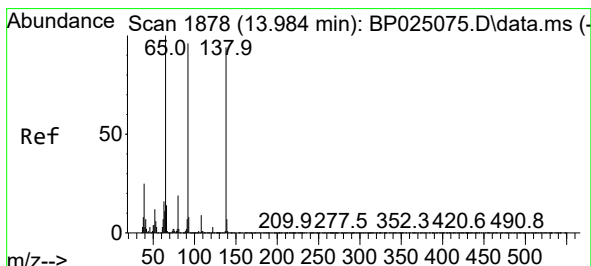
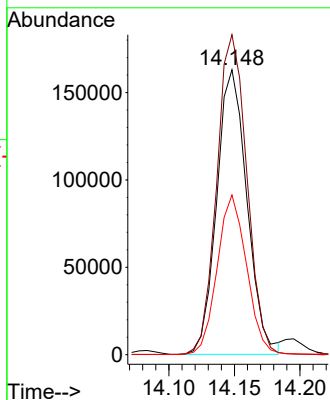
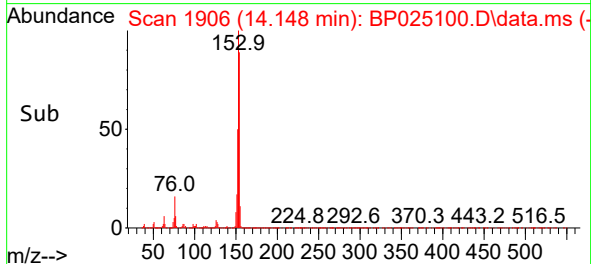
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:154 Resp: 261245
Ion Ratio Lower Upper
154 100
153 112.3 90.6 136.0
152 56.1 43.8 65.8

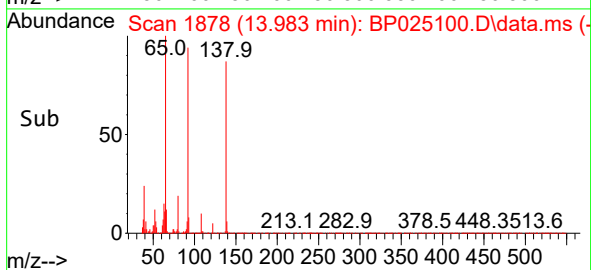
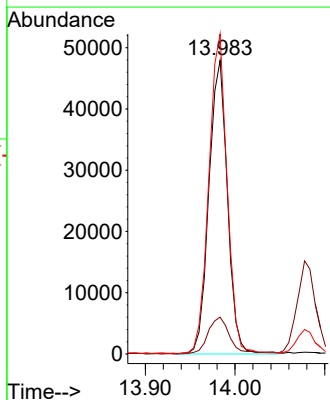
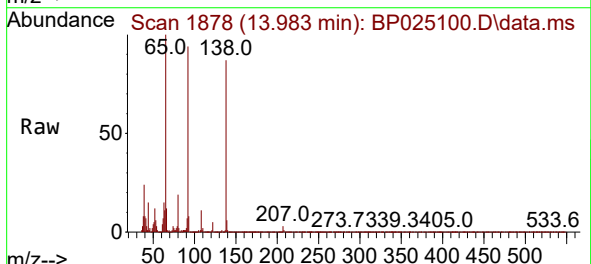
Manual Integrations
APPROVED

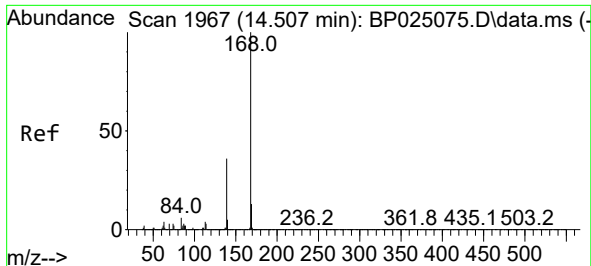
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#53
3-Nitroaniline
Concen: 4.111 ng
RT: 13.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

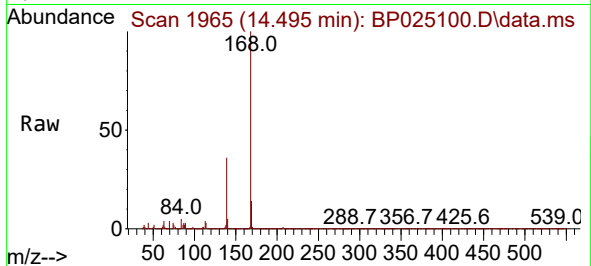
Tgt Ion:138 Resp: 68611
Ion Ratio Lower Upper
138 100
108 12.5 7.8 11.8#
92 109.0 81.0 121.4





#55
Dibenzenofuran
Concen: 4.208 ng
RT: 14.495 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

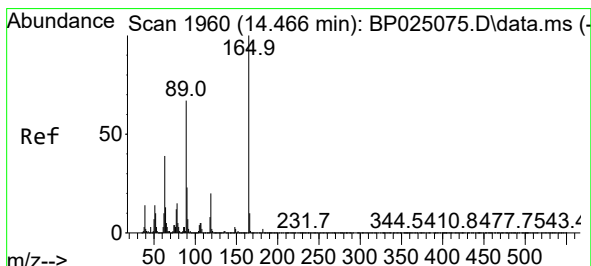
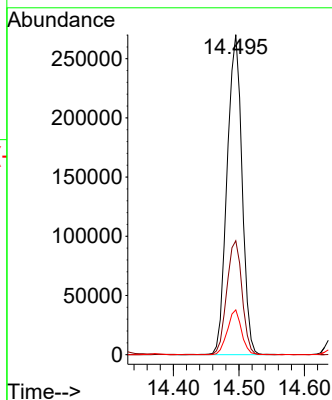
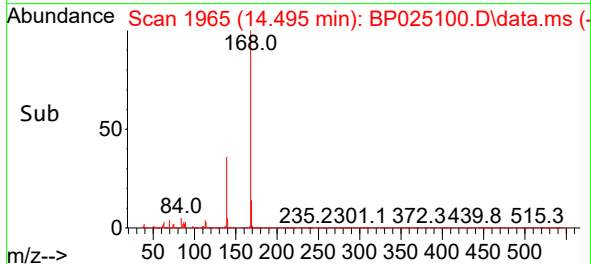
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



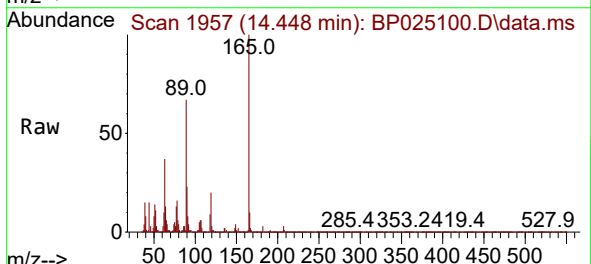
Tgt Ion:168 Resp: 427354
Ion Ratio Lower Upper
168 100
139 35.6 28.6 43.0
169 14.0 10.7 16.1

Manual Integrations
APPROVED

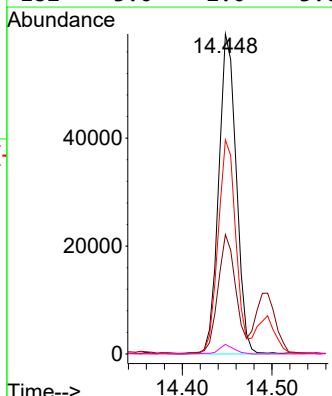
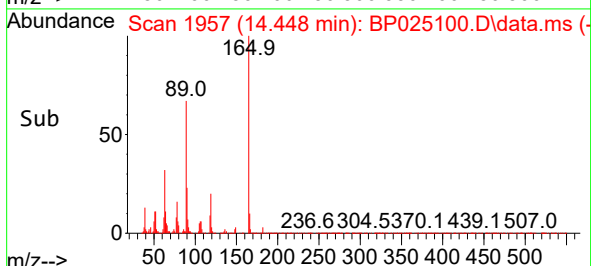
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

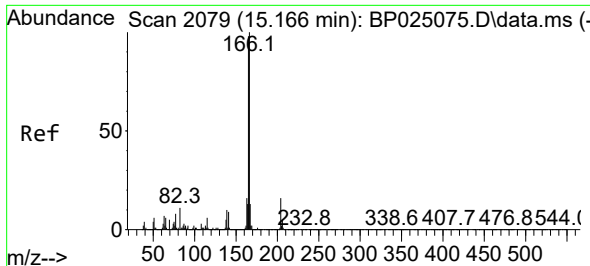


#57
2,4-Dinitrotoluene
Concen: 5.984 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



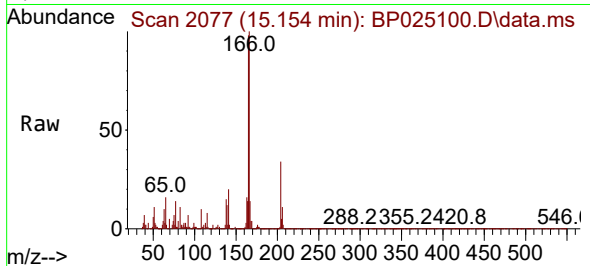
Tgt Ion:165 Resp: 80941
Ion Ratio Lower Upper
165 100
63 37.3 31.0 46.4
89 66.9 53.4 80.0
182 3.0 2.0 3.0





#58
Fluorene
Concen: 4.292 ng
RT: 15.154 min Scan# 2077
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

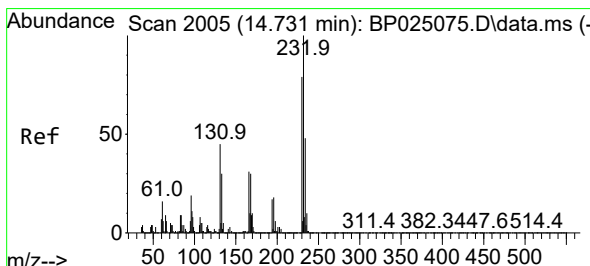
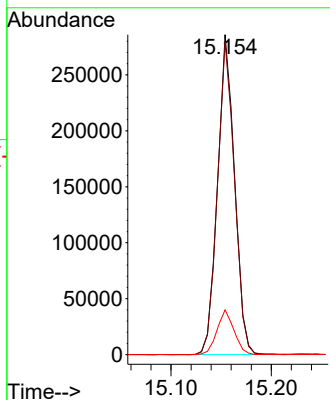
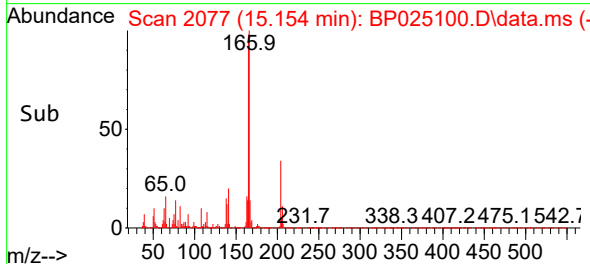
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:166 Resp: 337154
Ion Ratio Lower Upper
166 100
165 97.8 78.6 117.8
167 14.0 10.7 16.1

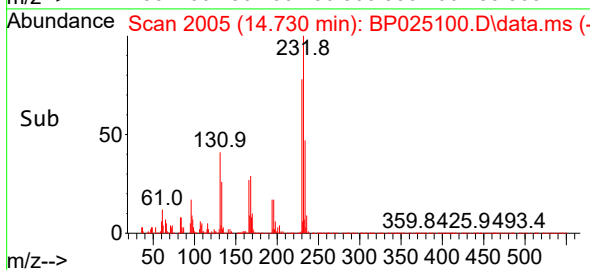
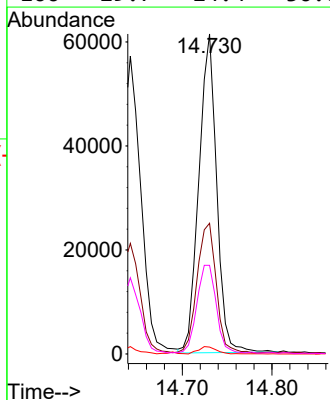
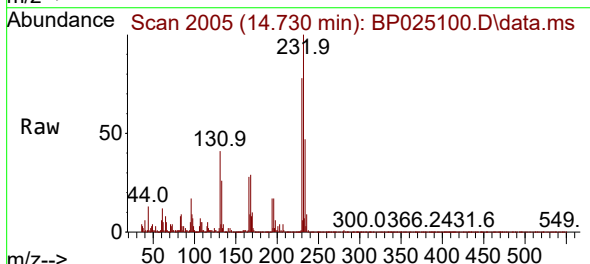
Manual Integrations
APPROVED

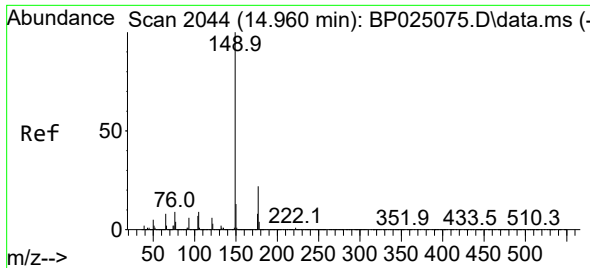
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#59
2,3,4,6-Tetrachlorophenol
Concen: 4.153 ng
RT: 14.730 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

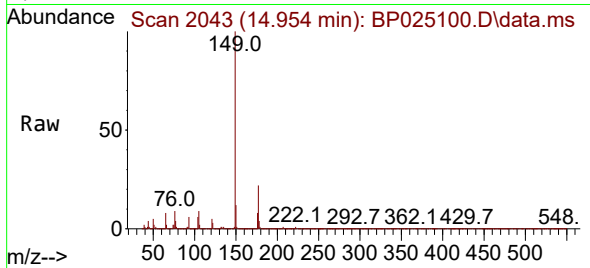
Tgt Ion:232 Resp: 84595
Ion Ratio Lower Upper
232 100
131 44.0 35.7 53.5
130 2.4 1.8 2.6
166 29.7 24.4 36.6





#60
Diethylphthalate
Concen: 4.266 ng
RT: 14.954 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

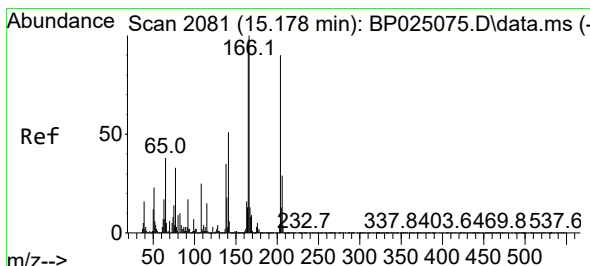
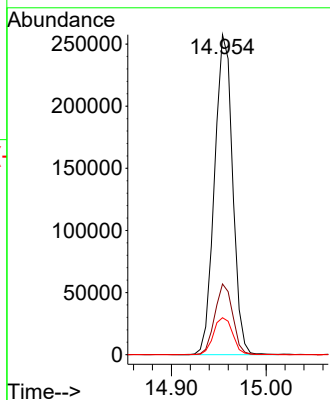
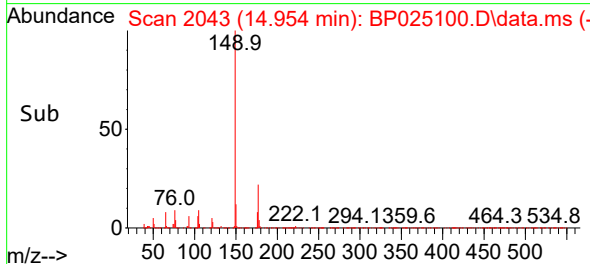
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



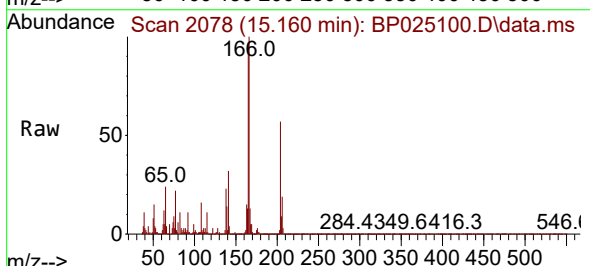
Tgt Ion:149 Resp: 342094
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.8
150 11.6 10.2 15.2

Manual Integrations
APPROVED

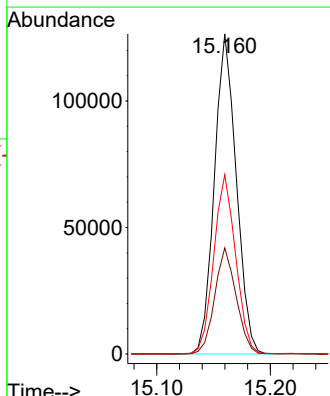
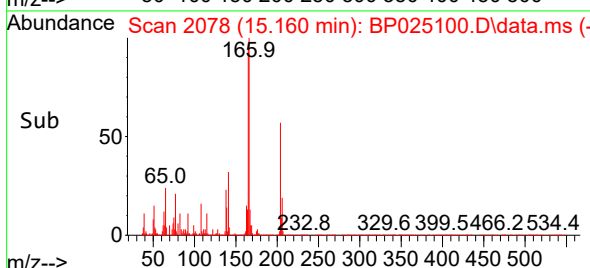
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

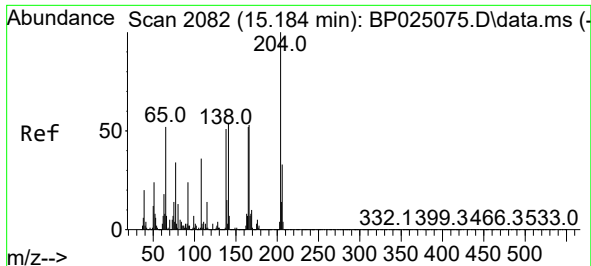


#61
4-Chlorophenyl-phenylether
Concen: 4.362 ng
RT: 15.160 min Scan# 2078
Delta R.T. -0.018 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



Tgt Ion:204 Resp: 169549
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.6
141 56.0 45.1 67.7





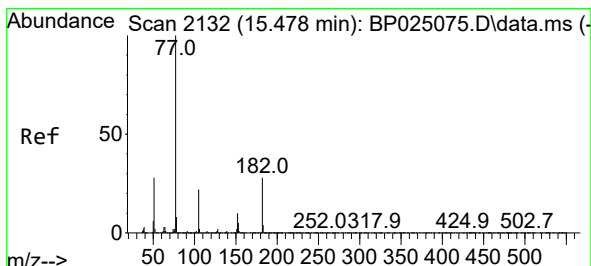
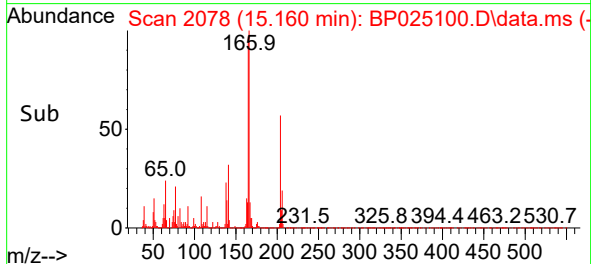
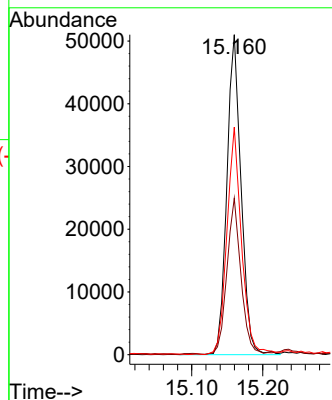
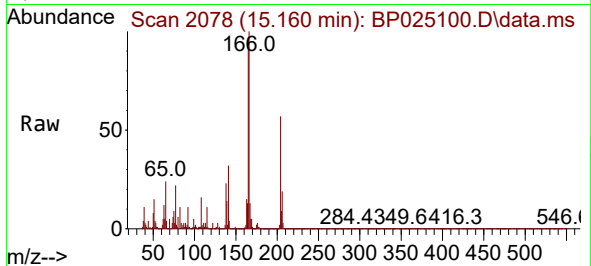
#62
4-Nitroaniline
Concen: 4.038 ng
RT: 15.160 min Scan# 2082
Delta R.T. -0.024 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025

Tgt Ion:138 Resp: 70669
Ion Ratio Lower Upper
138 100
92 48.9 26.0 66.0
108 71.1 50.0 90.0

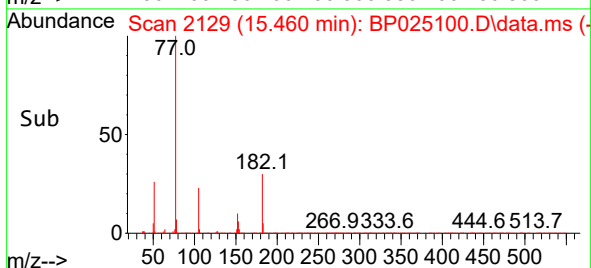
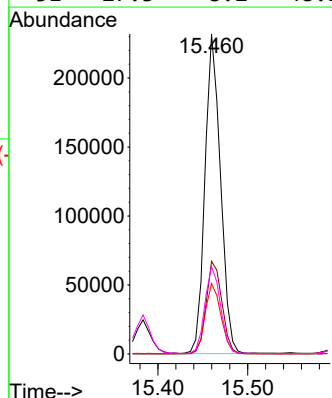
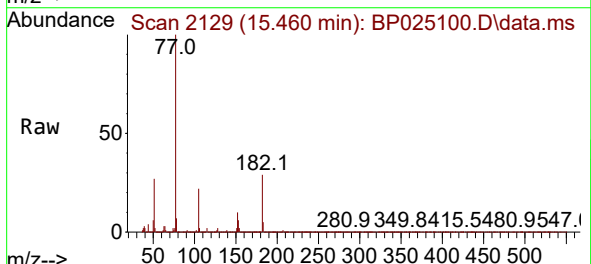
Manual Integrations
APPROVED

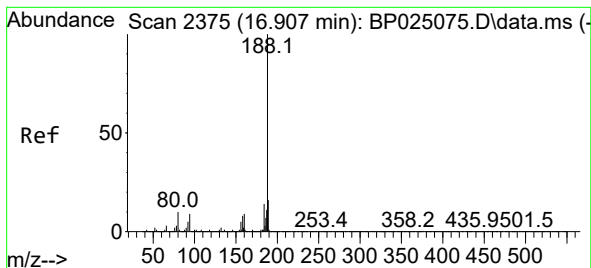
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#63
Azobenzene
Concen: 3.906 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.018 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Tgt Ion: 77 Resp: 278902
Ion Ratio Lower Upper
77 100
182 29.0 7.7 47.7
105 22.0 1.9 41.9
51 27.3 8.2 48.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.895 min Scan# 2116

Delta R.T. -0.012 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:188 Resp: 238021

Ion Ratio Lower Upper

188 100

94 8.7 7.3 10.9

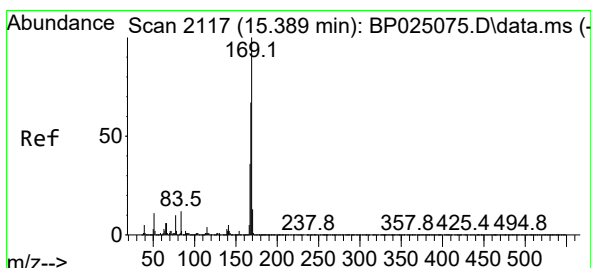
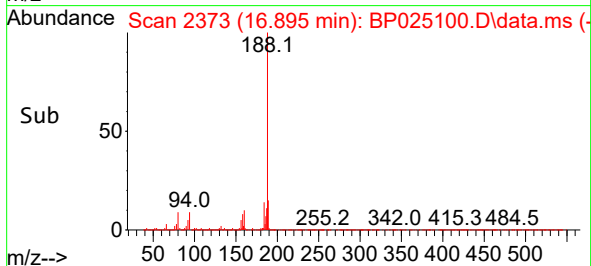
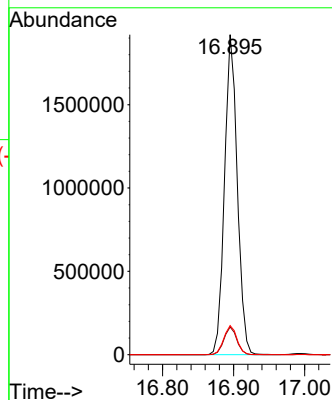
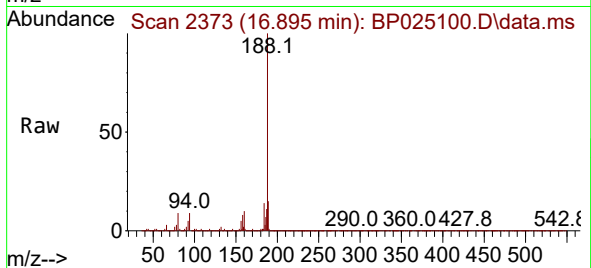
80 9.1 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#66

n-Nitrosodiphenylamine

Concen: 4.301 ng

RT: 15.383 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

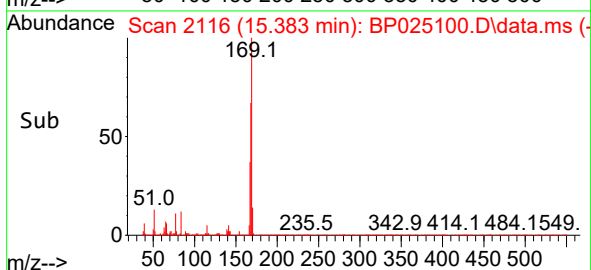
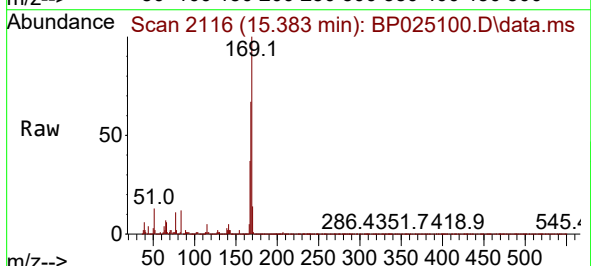
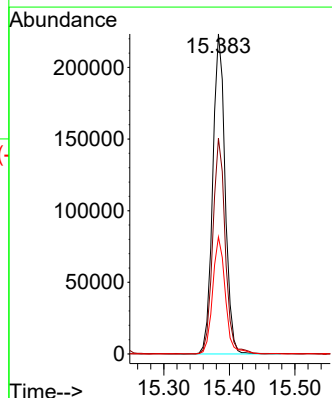
Tgt Ion:169 Resp: 292947

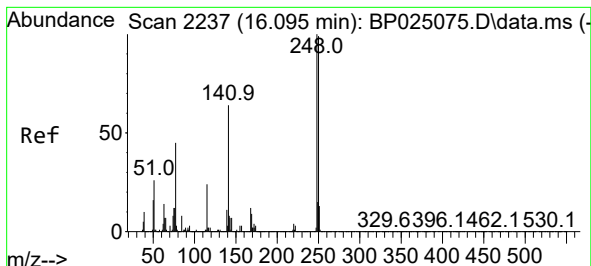
Ion Ratio Lower Upper

169 100

168 67.4 54.1 81.1

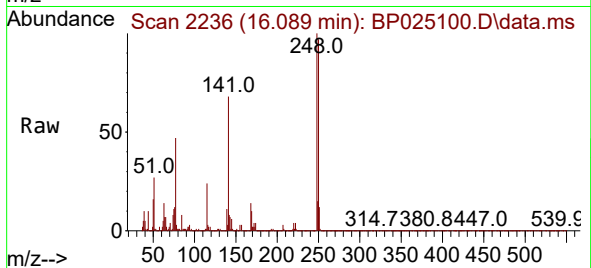
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 4.426 ng
RT: 16.089 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

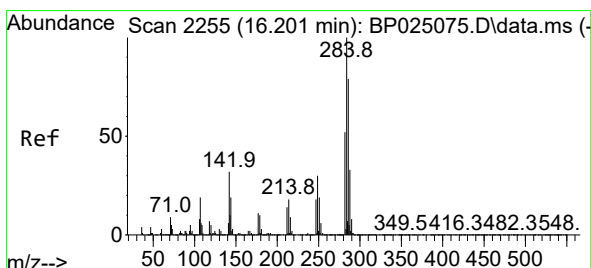
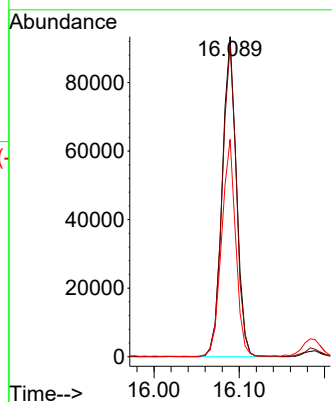
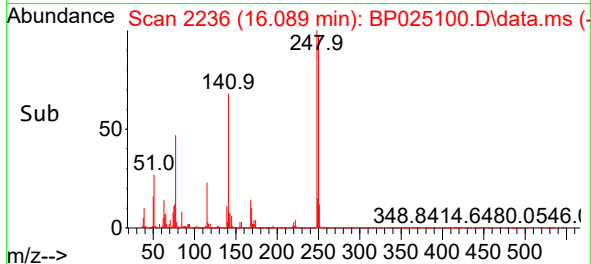
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:248 Resp: 10786
Ion Ratio Lower Upper
248 100
250 97.5 79.4 119.2
141 67.9 51.4 77.0

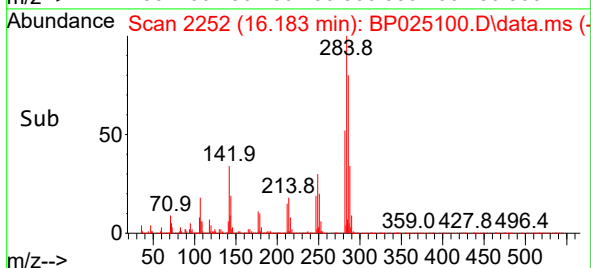
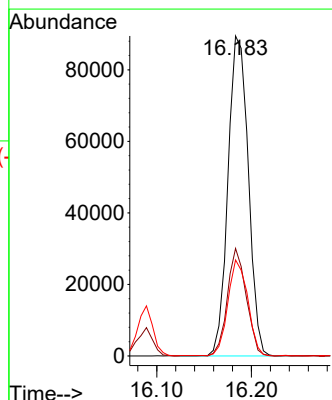
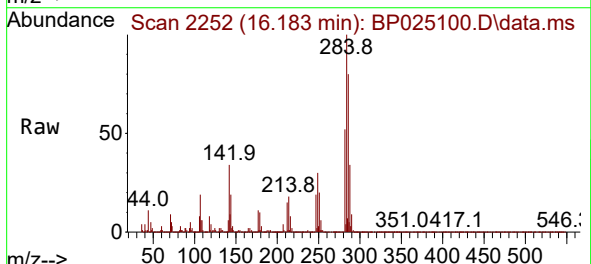
Manual Integrations
APPROVED

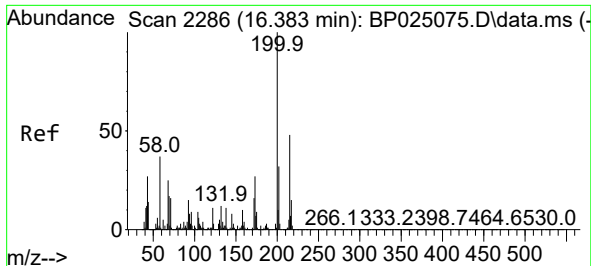
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#68
Hexachlorobenzene
Concen: 4.471 ng
RT: 16.183 min Scan# 2252
Delta R.T. -0.018 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

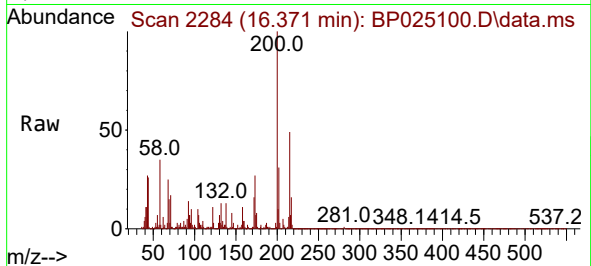
Tgt Ion:284 Resp: 133189
Ion Ratio Lower Upper
284 100
142 33.6 25.9 38.9
249 30.0 23.8 35.8





#69
Atrazine
Concen: 5.232 ng
RT: 16.371 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

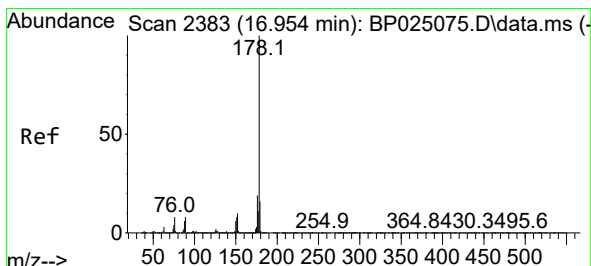
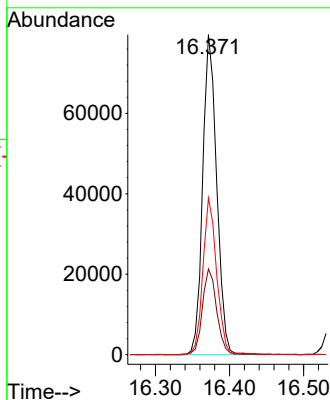
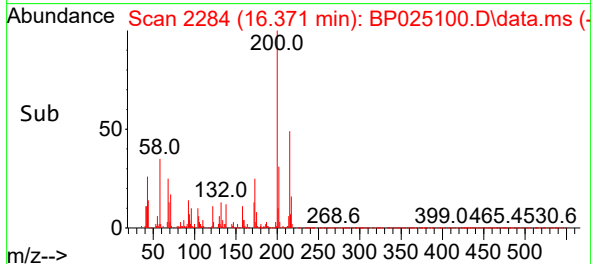
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025



Tgt Ion:200 Resp: 10444
Ion Ratio Lower Upper
200 100
173 26.8 6.6 46.6
215 48.9 28.0 68.0

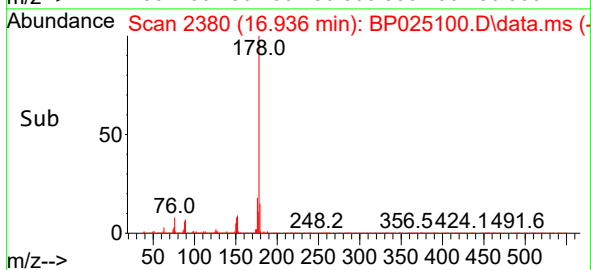
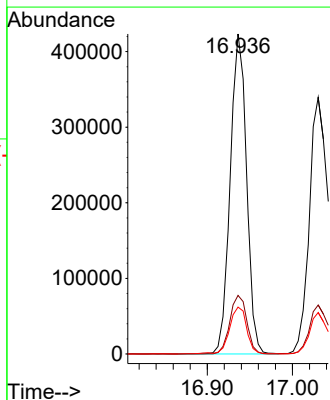
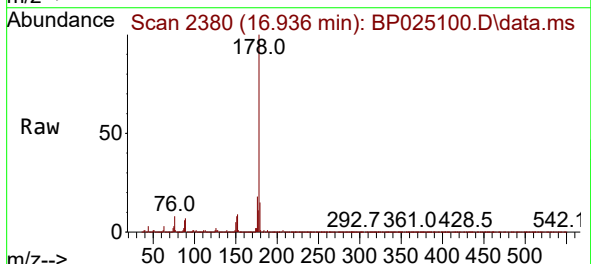
Manual Integrations
APPROVED

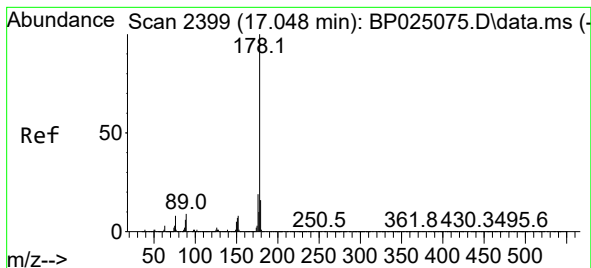
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#71
Phenanthrene
Concen: 4.437 ng
RT: 16.936 min Scan# 2380
Delta R.T. -0.018 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Tgt Ion:178 Resp: 564302
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 14.6 12.6 19.0





#72

Anthracene

Concen: 4.505 ng

RT: 17.030 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:178 Resp: 54967

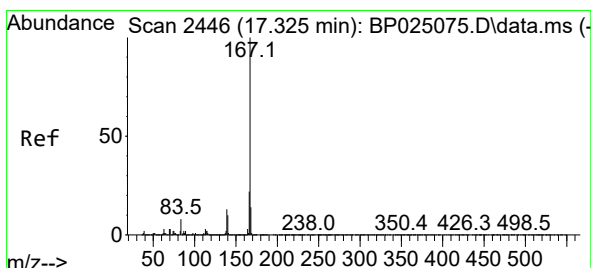
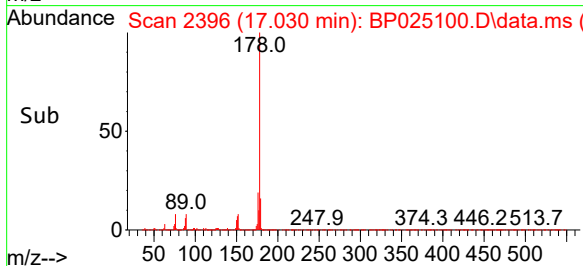
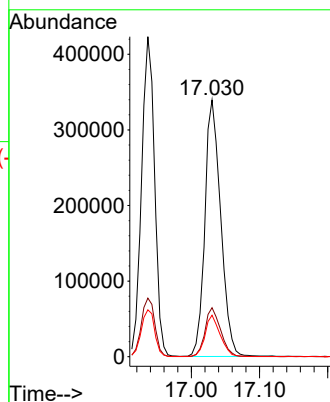
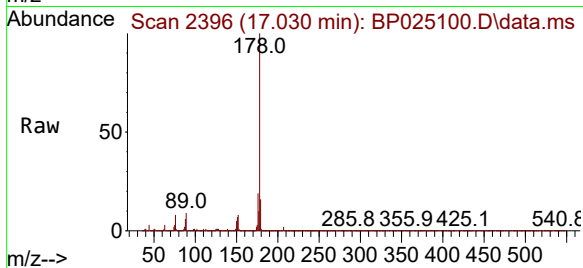
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	16.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#73

Carbazole

Concen: 4.333 ng

RT: 17.313 min Scan# 2444

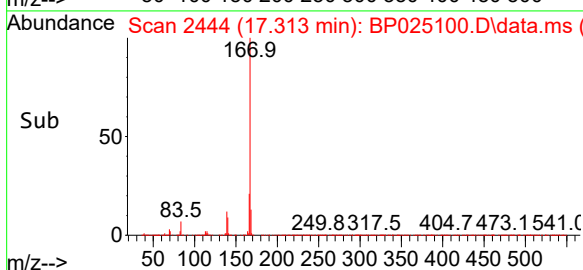
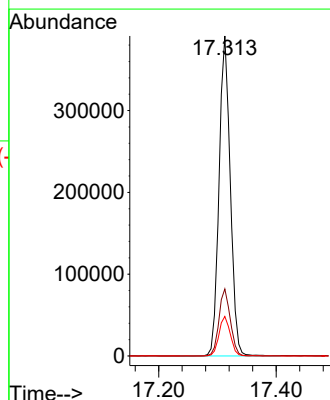
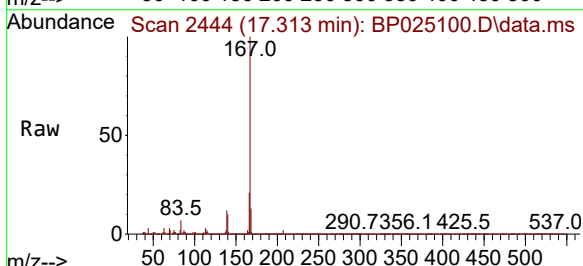
Delta R.T. -0.012 min

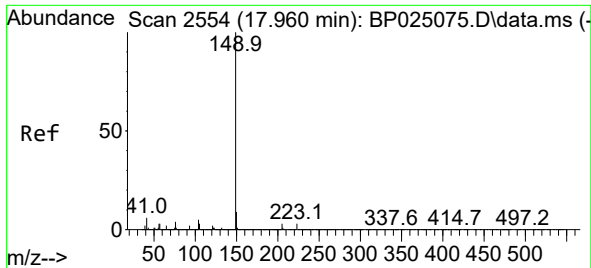
Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Tgt Ion:167 Resp: 516915

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.0
139	12.4	10.4	15.6





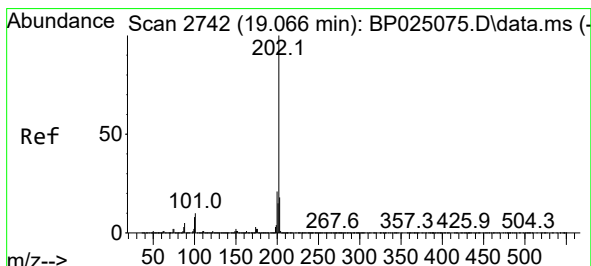
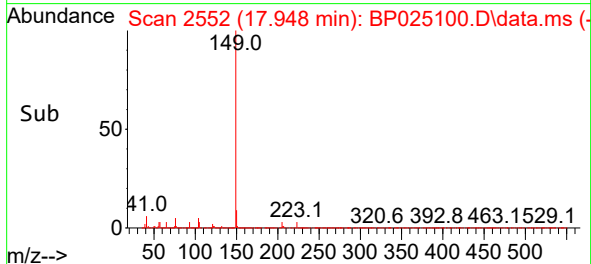
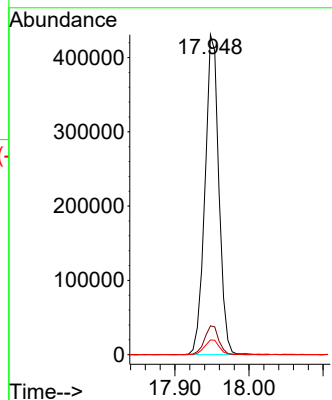
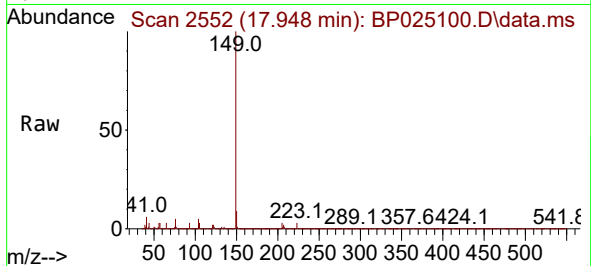
#74
Di-n-butylphthalate
Concen: 4.210 ng
RT: 17.948 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT2-2025

Tgt Ion:149 Resp: 559360
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.6 3.8 5.6

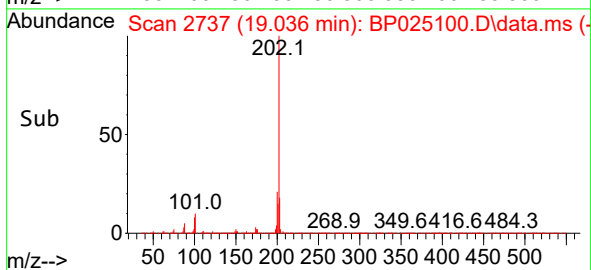
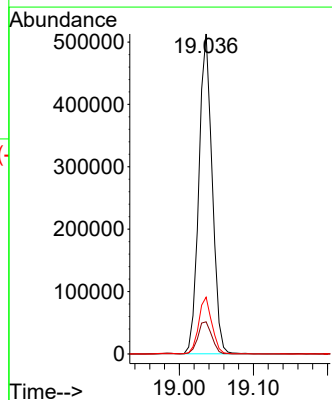
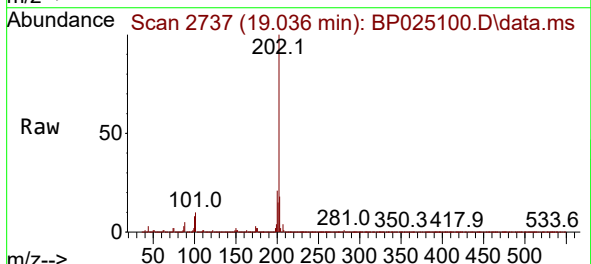
Manual Integrations
APPROVED

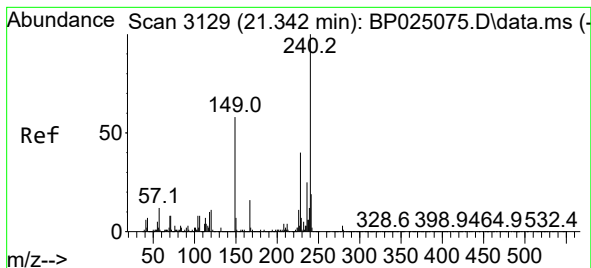
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#75
Fluoranthene
Concen: 4.298 ng
RT: 19.036 min Scan# 2737
Delta R.T. -0.030 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Tgt Ion:202 Resp: 638930
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.4
203 17.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.324 min Scan# 3129

Delta R.T. -0.018 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:240 Resp: 2671410

Ion Ratio Lower Upper

240 100

120 10.1 9.0 13.4

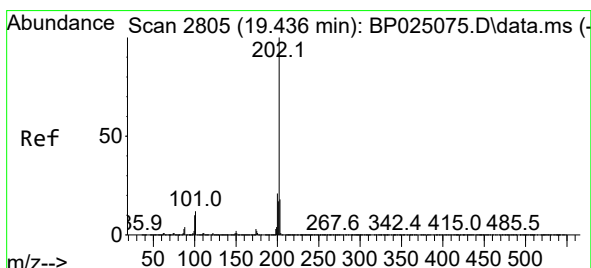
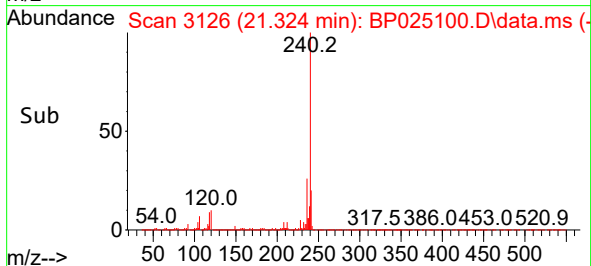
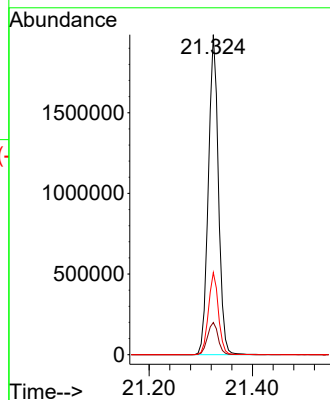
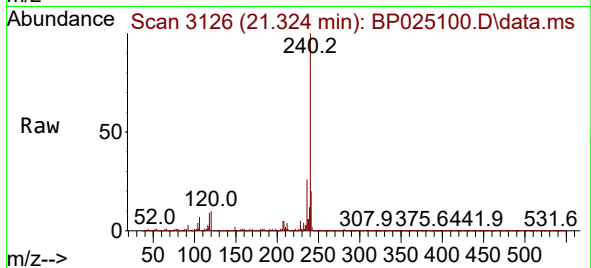
236 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#78

Pyrene

Concen: 4.095 ng

RT: 19.413 min Scan# 2801

Delta R.T. -0.024 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

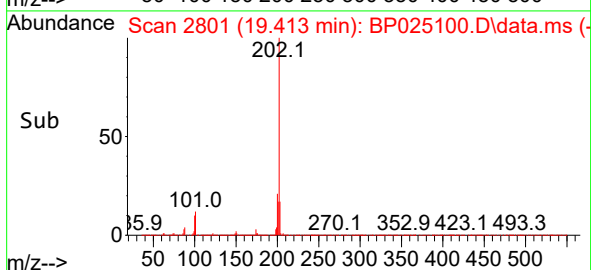
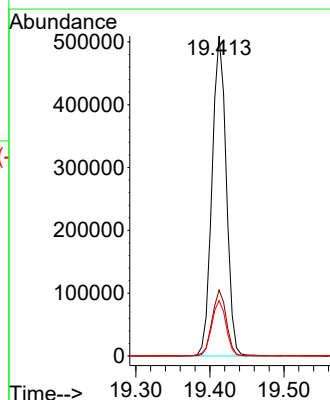
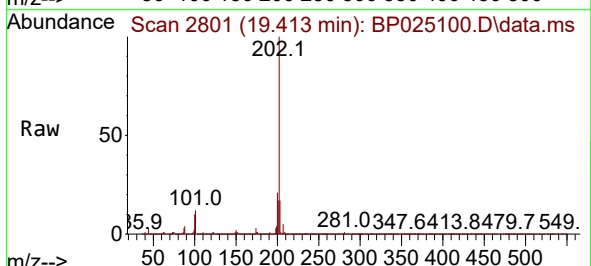
Tgt Ion:202 Resp: 677518

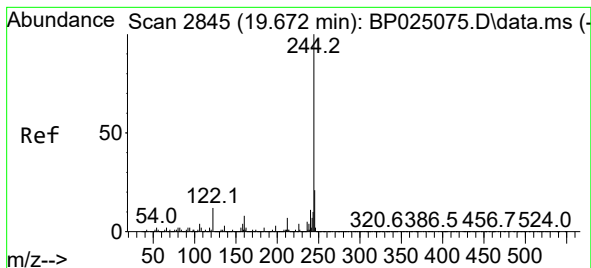
Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 85.966 ng

RT: 19.665 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:244 Resp:1044920

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

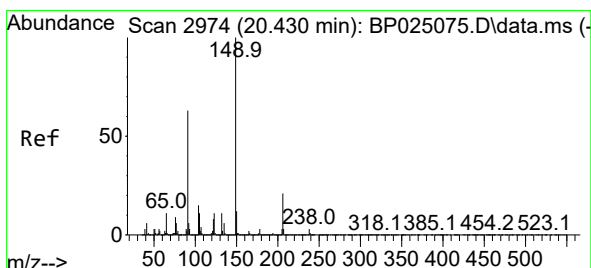
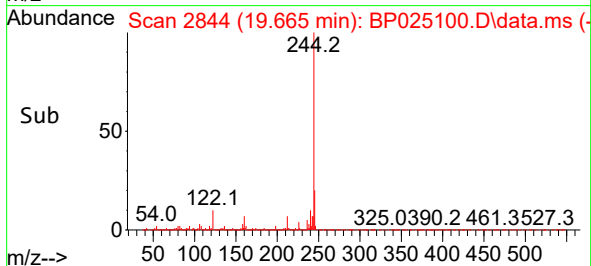
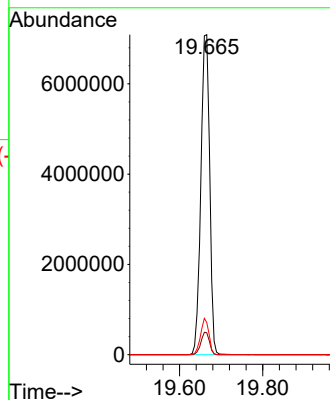
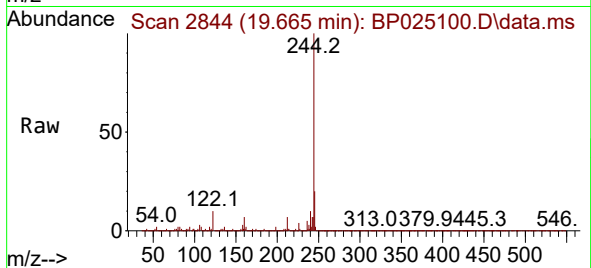
122 10.1 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#80

Butylbenzylphthalate

Concen: 7.160 ng

RT: 20.412 min Scan# 2971

Delta R.T. -0.018 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

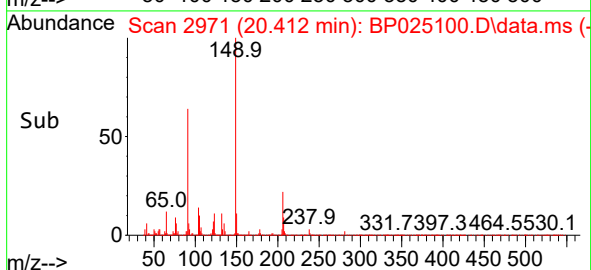
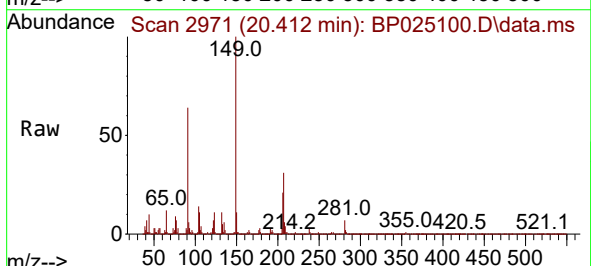
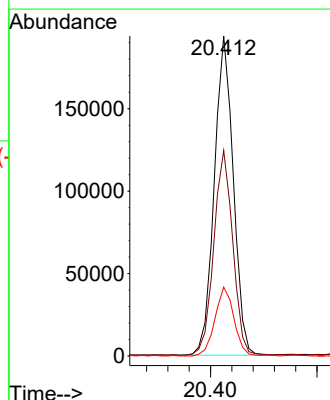
Tgt Ion:149 Resp: 240119

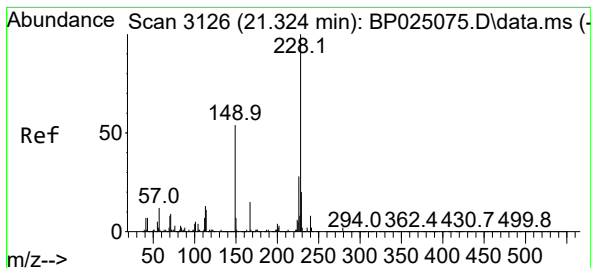
Ion Ratio Lower Upper

149 100

91 64.2 50.6 76.0

206 21.5 17.2 25.8





#81

Benzo(a)anthracene

Concen: 4.354 ng

RT: 21.307 min Scan# 3126

Delta R.T. -0.018 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:228 Resp: 704940

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

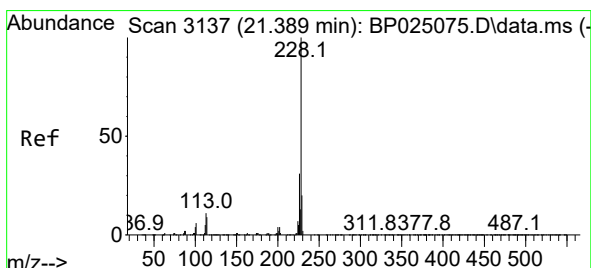
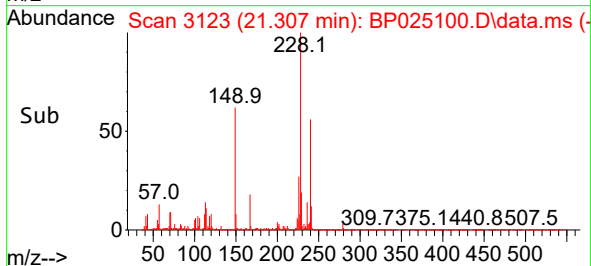
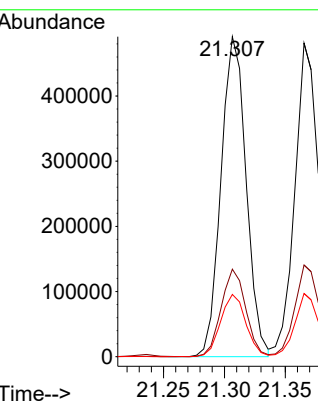
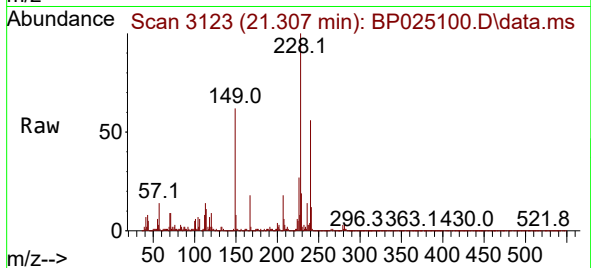
229 19.5 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#83

Chrysene

Concen: 4.291 ng

RT: 21.365 min Scan# 3133

Delta R.T. -0.024 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

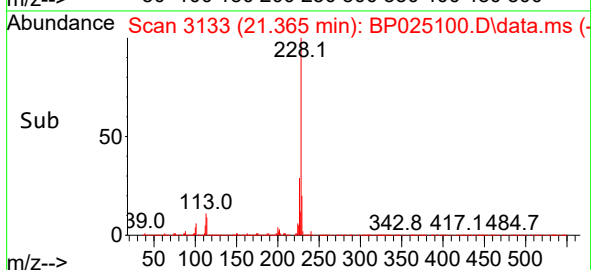
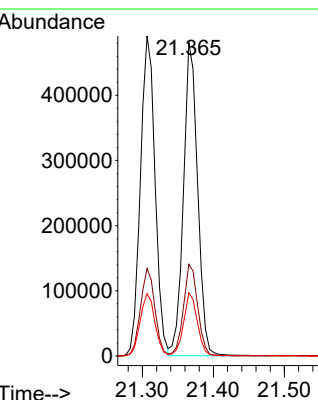
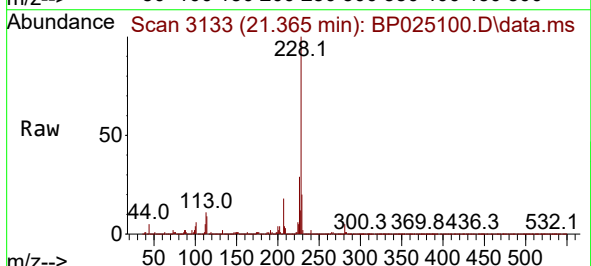
Tgt Ion:228 Resp: 668534

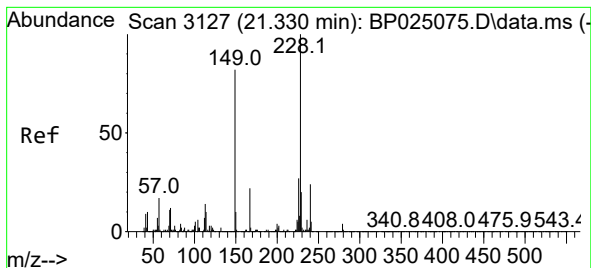
Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

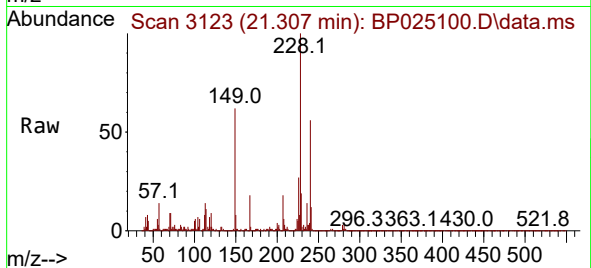
229 20.2 16.0 24.0





#84
Bis(2-ethylhexyl)phthalate
Concen: 4.264 ng
RT: 21.307 min Scan# 3127
Delta R.T. -0.024 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

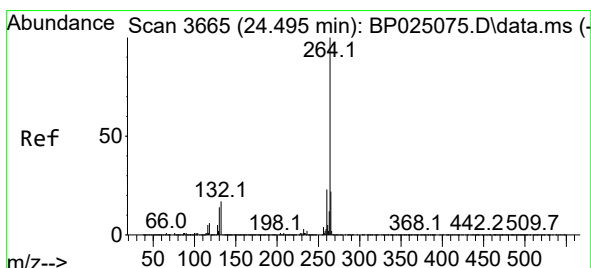
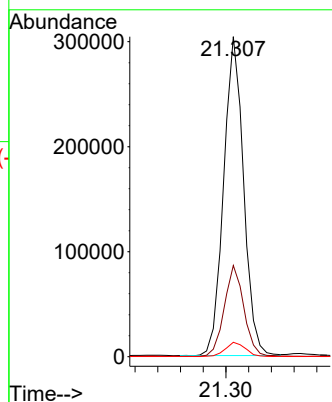
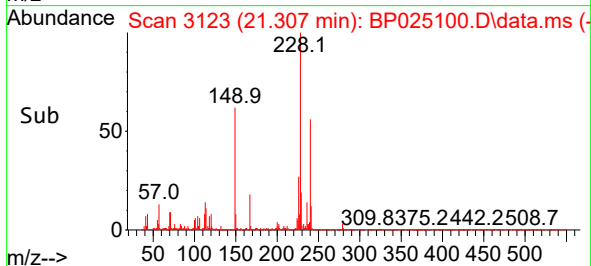
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



Tgt Ion:149 Resp: 37026
Ion Ratio Lower Upper
149 100
167 28.5 21.9 32.9
279 4.5 3.5 5.3

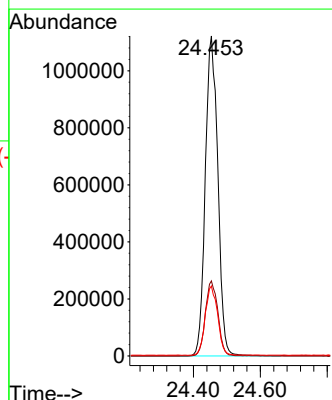
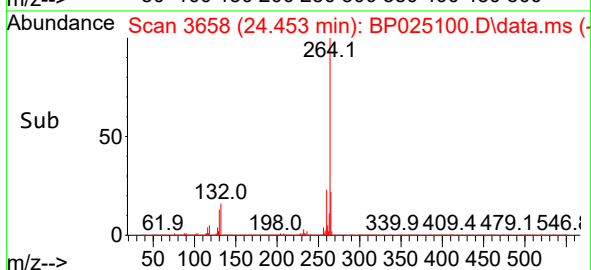
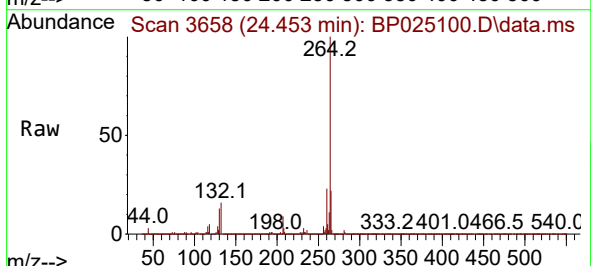
Manual Integrations
APPROVED

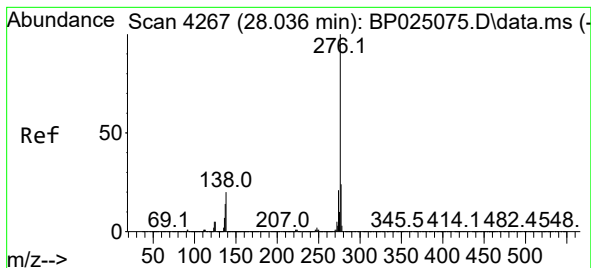
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 3658
Delta R.T. -0.041 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

Tgt Ion:264 Resp: 2913884
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.9 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.285 ng m

RT: 27.965 min Scan# 41

Delta R.T. -0.071 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

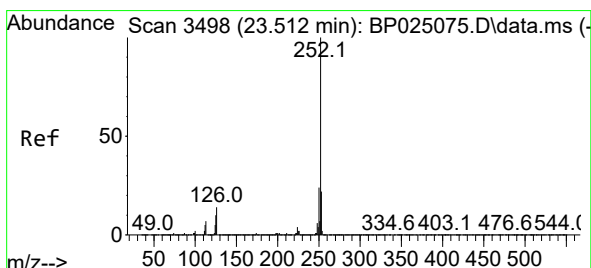
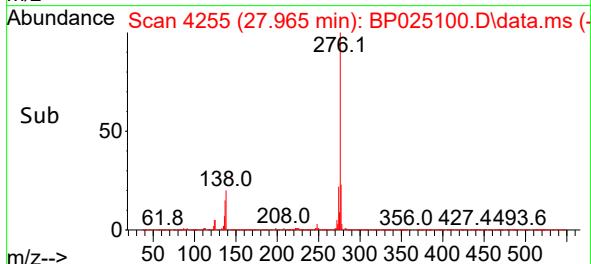
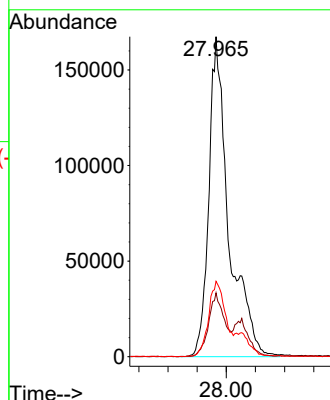
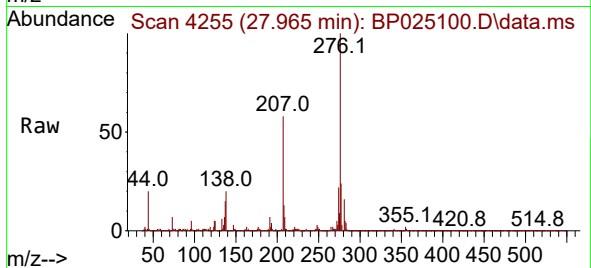
Tgt Ion:	276	Resp:	79545
Ion Ratio	Lower	Upper	
276	100		
138	16.1	13.0	19.6
277	20.0	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#88

Benzo(b)fluoranthene

Concen: 3.969 ng

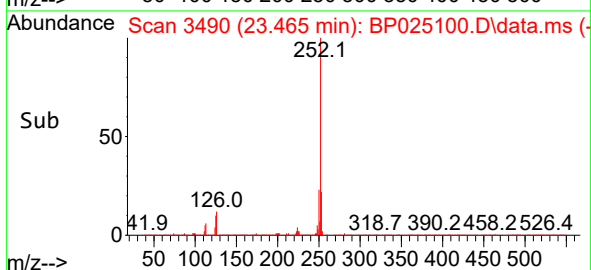
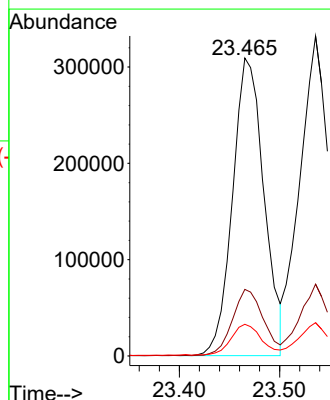
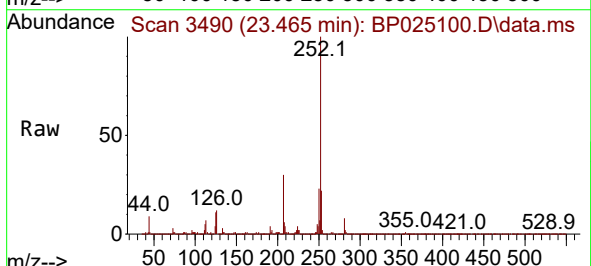
RT: 23.465 min Scan# 3490

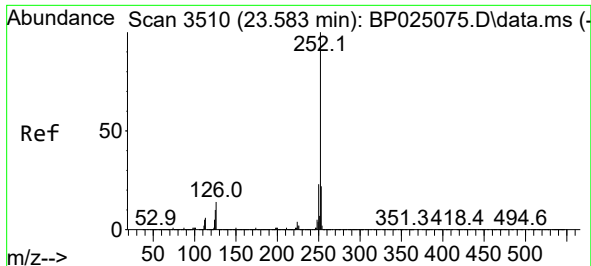
Delta R.T. -0.047 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

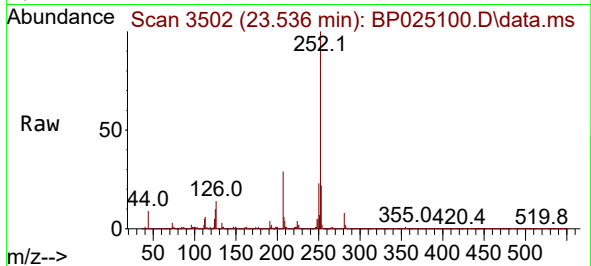
Tgt Ion:	252	Resp:	673144
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.7	26.5
125	10.6	8.1	12.1





#89
Benzo(k)fluoranthene
Concen: 4.044 ng
RT: 23.536 min Scan# 3510
Delta R.T. -0.047 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50

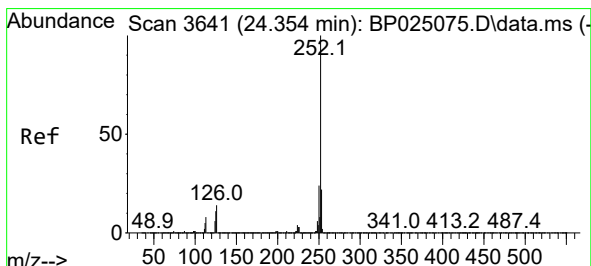
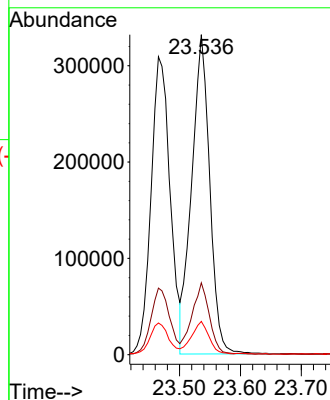
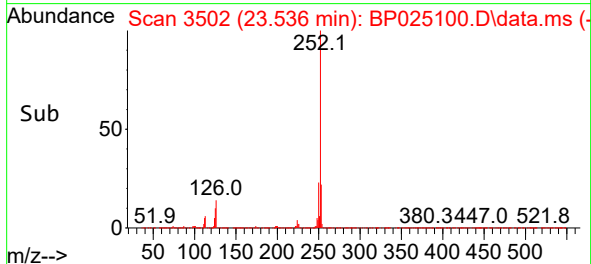
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2025



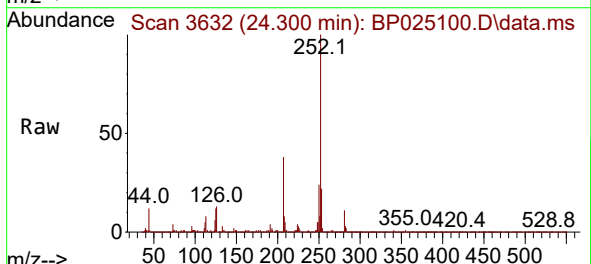
Tgt Ion:252 Resp: 68241
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 10.4 8.2 12.2

Manual Integrations
APPROVED

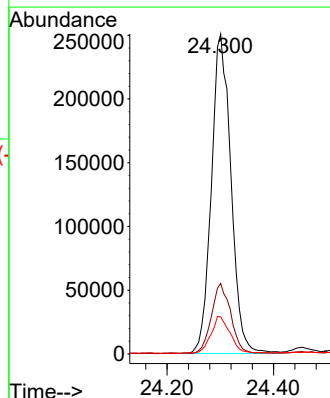
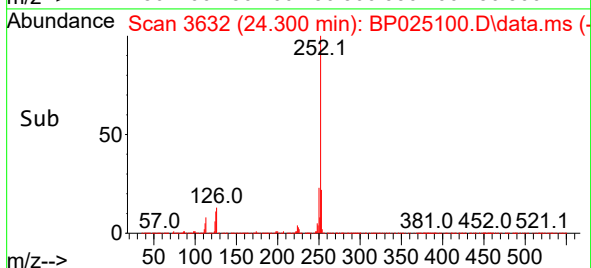
Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

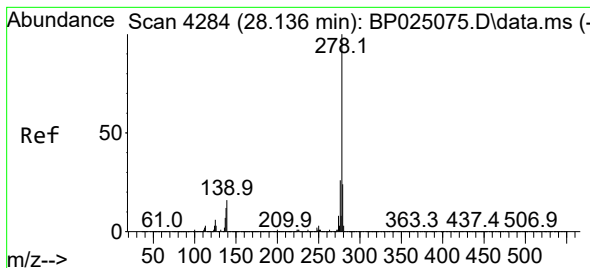


#90
Benzo(a)pyrene
Concen: 4.419 ng
RT: 24.300 min Scan# 3632
Delta R.T. -0.053 min
Lab File: BP025100.D
Acq: 11 Jul 2025 11:50



Tgt Ion:252 Resp: 637839
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.6 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 4.281 ng

RT: 28.053 min Scan# 41

Delta R.T. -0.083 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT2-2025

Tgt Ion:278 Resp: 656958

Ion Ratio Lower Upper

278 100

139 14.7 13.1 19.7

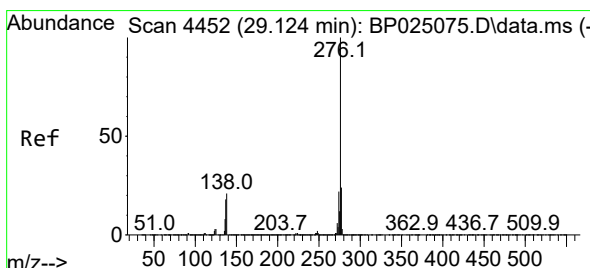
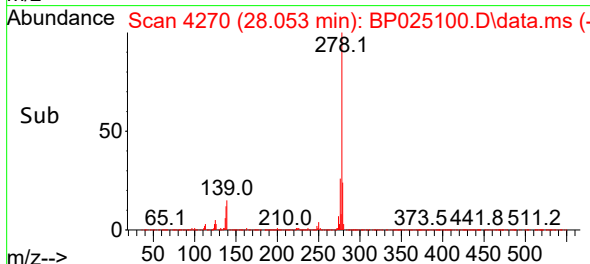
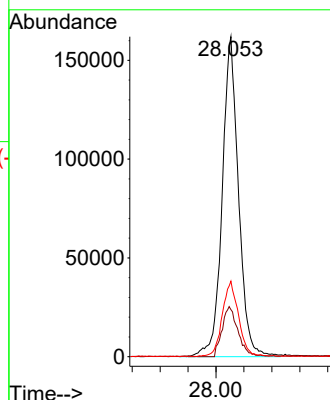
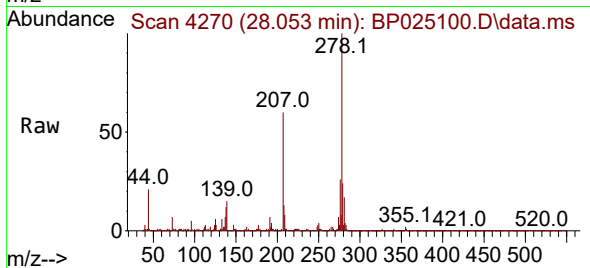
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/14/2025

Supervised By :Jagrut Upadhyay 07/14/2025



#92

Benzo(g,h,i)perylene

Concen: 4.156 ng

RT: 29.053 min Scan# 4440

Delta R.T. -0.071 min

Lab File: BP025100.D

Acq: 11 Jul 2025 11:50

Tgt Ion:276 Resp: 658715

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 20.8 16.9 25.3

