

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
 Data File : BP025659.D
 Acq On : 04 Sep 2025 14:06
 Operator : CG/JU
 Sample : Q2893-02
 Misc : LOQ-SOIL 5PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

Quant Time: Sep 04 14:56:47 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 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	159542	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	639022	20.000	ng	-0.02
39) Acenaphthene-d10	14.384	164	426175	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	858681	20.000	ng	#-0.01
76) Chrysene-d12	21.648	240	928786	20.000	ng	0.00
86) Perylene-d12	25.013	264	995879	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.390	112	1123788	116.977	ng	-0.02
7) Phenol-d6	6.961	99	1456954	118.289	ng	0.00
23) Nitrobenzene-d5	8.913	82	1001690	79.295	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	721182	125.721	ng	0.00
45) 2-Fluorobiphenyl	12.996	172	2312066	74.145	ng	-0.02
79) Terphenyl-d14	19.913	244	3981185	78.424	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	17402	4.624	ng	# 89
3) Pyridine	3.725	79	43007	4.176	ng	94
6) Aniline	7.102	93	72069	4.343	ng	99
8) 2-Chlorophenol	7.343	128	49223	4.540	ng	89
10) Phenol	6.984	94	55795	4.317	ng	86
11) bis(2-Chloroethyl)ether	7.196	93	44462	4.414	ng	98
12) 1,3-Dichlorobenzene	7.661	146	53905	4.509	ng	97
13) 1,4-Dichlorobenzene	7.802	146	55096	4.509	ng	98
14) 1,2-Dichlorobenzene	8.119	146	53336	4.510	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	65622	4.863	ng	94
17) 2-Methylphenol	8.213	107	37698	4.200	ng	99
18) Hexachloroethane	8.837	117	20408	4.543	ng	98
22) Acetophenone	8.584	105	72370	4.516	ng	# 95
24) Nitrobenzene	8.955	77	55843	4.946	ng	98
25) Isophorone	9.478	82	96345	4.310	ng	97
26) 2-Nitrophenol	9.666	139	23147	3.995	ng	94
27) 2,4-Dimethylphenol	9.737	122	38534	3.867	ng	96
28) bis(2-Chloroethoxy)met...	9.955	93	57689	4.269	ng	93
29) 2,4-Dichlorophenol	10.225	162	36209	3.658	ng	93
30) 1,2,4-Trichlorobenzene	10.402	180	49009	4.517	ng	96
31) Naphthalene	10.590	128	151717	4.568	ng	99
33) 4-Chloroaniline	10.713	127	55676	3.795	ng	97
34) Hexachlorobutadiene	10.872	225	30308	4.485	ng	96
36) 4-Chloro-3-methylphenol	11.843	107	47369	4.171	ng	99
37) 2-Methylnaphthalene	12.201	142	93240	4.314	ng	98
38) 1-Methylnaphthalene	12.413	142	100047	4.353	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	55992	4.549	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	32044	3.856	ng	94
44) 2,4,5-Trichlorophenol	12.907	196	36449	4.002	ng	91
46) 1,1'-Biphenyl	13.213	154	141937	4.586	ng	96
47) 2-Chloronaphthalene	13.254	162	107810	4.474	ng	99
48) 2-Nitroaniline	13.466	65	29072	4.141	ng	95
49) Acenaphthylene	14.107	152	177187	4.444	ng	97
50) Dimethylphthalate	13.843	163	143413	4.595	ng	98
51) 2,6-Dinitrotoluene	13.960	165	27759	4.220	ng	# 77
52) Acenaphthene	14.448	154	102960	4.399	ng	96

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 Misc : LOQ-SOIL 5PPM
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Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025

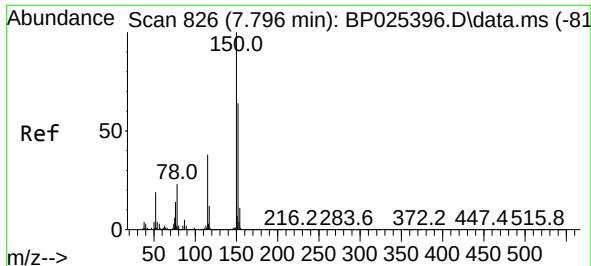
Quant Time: Sep 04 14:56:47 2025
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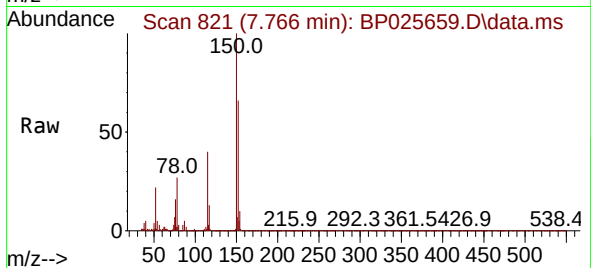
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) 3-Nitroaniline	14.301	138	25824	3.489	ng	97
55) Dibenzofuran	14.790	168	168370	4.550	ng	97
57) 2,4-Dinitrotoluene	14.760	165	37687	4.016	ng #	94
58) Fluorene	15.454	166	135196	4.631	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.031	232	32797	4.079	ng	96
60) Diethylphthalate	15.225	149	148274	4.676	ng	98
61) 4-Chlorophenyl-phenyle...	15.448	204	68751	4.735	ng	96
62) 4-Nitroaniline	15.501	138	25302m	3.335	ng	
63) Azobenzene	15.742	77	127483	4.695	ng	96
66) n-Nitrosodiphenylamine	15.666	169	118451	4.524	ng	100
67) 4-Bromophenyl-phenylether	16.366	248	43159	4.570	ng	93
68) Hexachlorobenzene	16.484	284	50252	4.590	ng	96
69) Atrazine	16.648	200	43134	4.399	ng	98
71) Phenanthrene	17.236	178	214879	4.555	ng	97
72) Anthracene	17.331	178	214393	4.451	ng	100
73) Carbazole	17.613	167	190582	4.200	ng	97
74) Di-n-butylphthalate	18.201	149	245902	4.405	ng	100
75) Fluoranthene	19.331	202	248530	4.417	ng	98
78) Pyrene	19.701	202	262575	4.350	ng	98
80) Butylbenzylphthalate	20.642	149	115848	4.234	ng	99
81) Benzo(a)anthracene	21.625	228	268429	4.382	ng	97
83) Chrysene	21.695	228	264349	4.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.560	149	175341	4.354	ng	98
87) Indeno(1,2,3-cd)pyrene	28.842	276	296458	4.059	ng #	91
88) Benzo(b)fluoranthene	23.948	252	258604	4.404	ng	98
89) Benzo(k)fluoranthene	24.013	252	263611	4.486	ng	99
90) Benzo(a)pyrene	24.854	252	249774	4.369	ng	98
91) Dibenzo(a,h)anthracene	28.930	278	244483	4.096	ng	99
92) Benzo(g,h,i)perylene	30.053	276	242472	4.133	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025659.D
 Acq: 04 Sep 2025 14:06

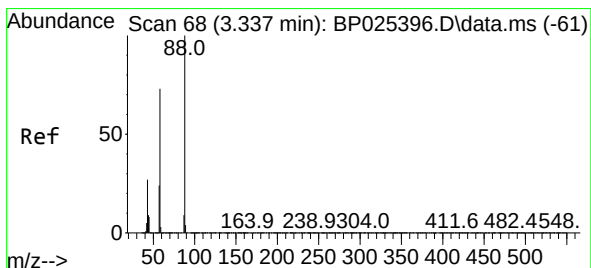
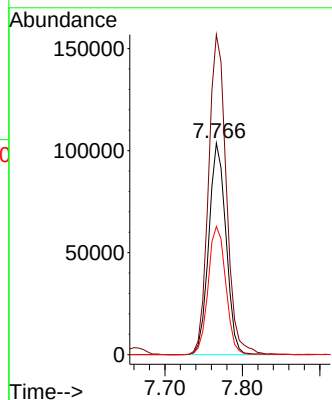
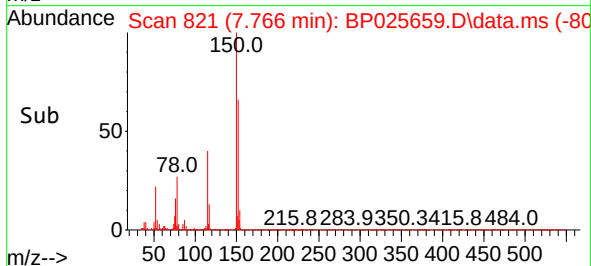
Instrument :
 BNA_P
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 LOQ-SOIL-02-QT3-2025



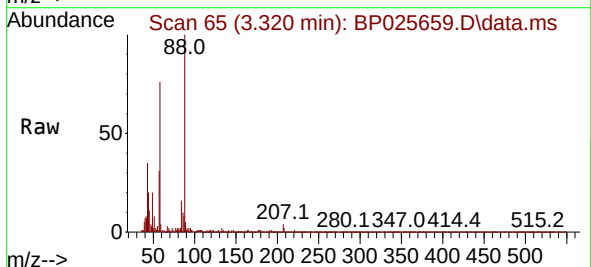
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 Ion Ratio Lower Upper
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 150 151.2 125.9 188.9
 115 60.6 48.5 72.7

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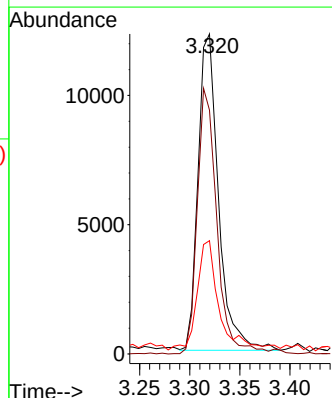
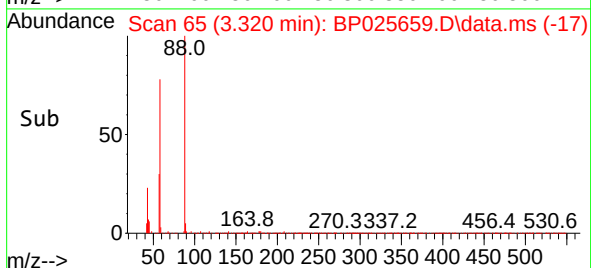
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

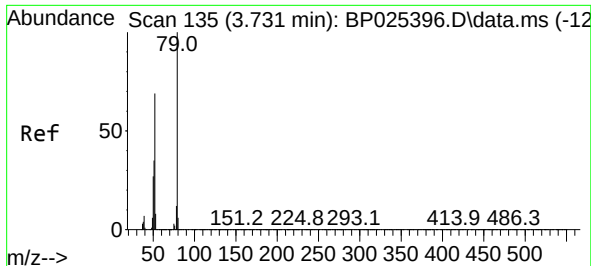


#2
 1,4-Dioxane
 Concen: 4.624 ng
 RT: 3.320 min Scan# 65
 Delta R.T. -0.017 min
 Lab File: BP025659.D
 Acq: 04 Sep 2025 14:06



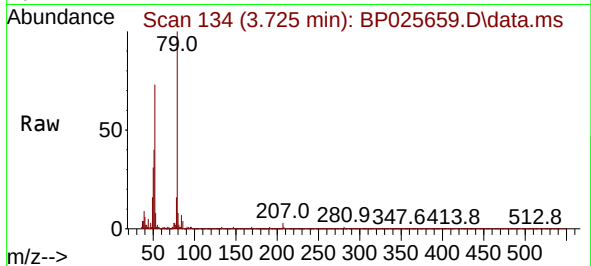
Tgt Ion: 88 Resp: 17402
 Ion Ratio Lower Upper
 88 100
 58 80.9 59.2 88.8
 43 37.2 21.7 32.5





#3
Pyridine
Concen: 4.176 ng
RT: 3.725 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

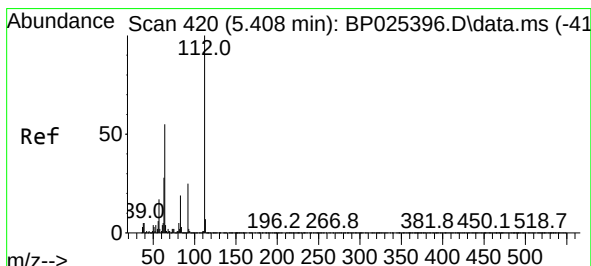
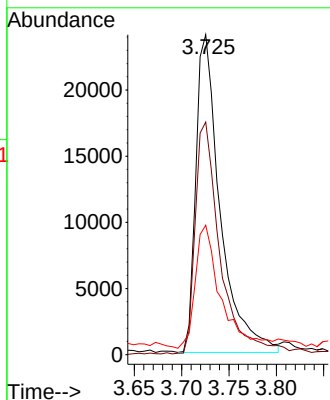
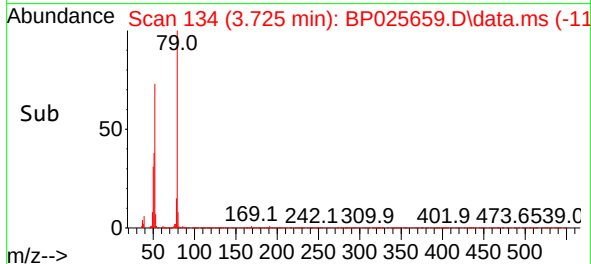
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 79 Resp: 4300
Ion Ratio Lower Upper
79 100
52 72.7 55.5 83.3
51 40.4 28.3 42.5

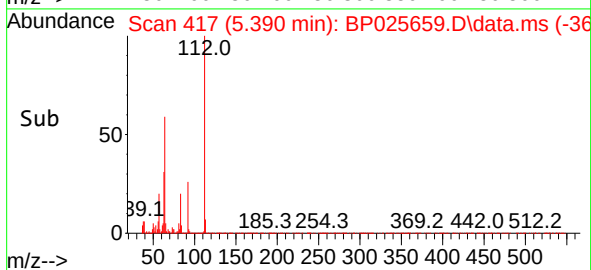
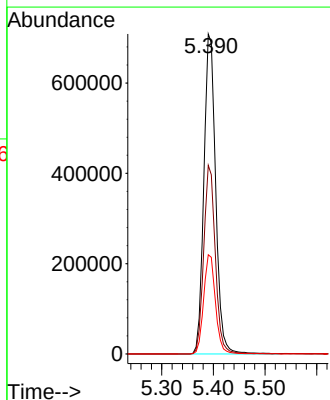
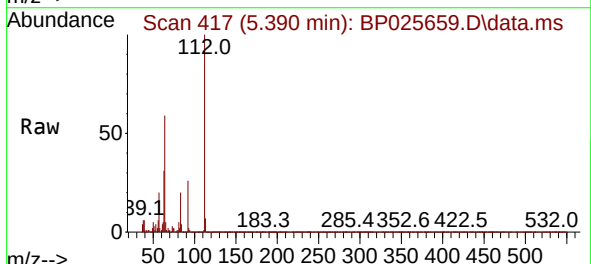
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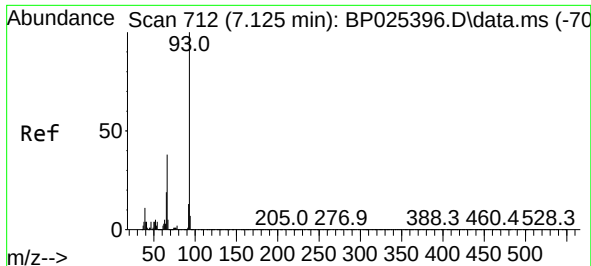
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#5
2-Fluorophenol
Concen: 116.977 ng
RT: 5.390 min Scan# 417
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

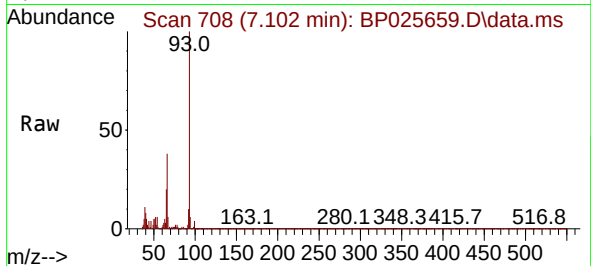
Tgt Ion:112 Resp: 1123788
Ion Ratio Lower Upper
112 100
64 59.0 43.8 65.8
63 31.0 22.7 34.1





#6
Aniline
Concen: 4.343 ng
RT: 7.102 min Scan# 708
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

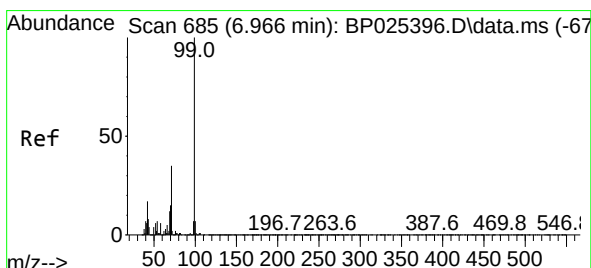
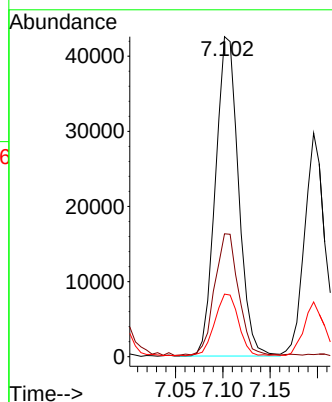
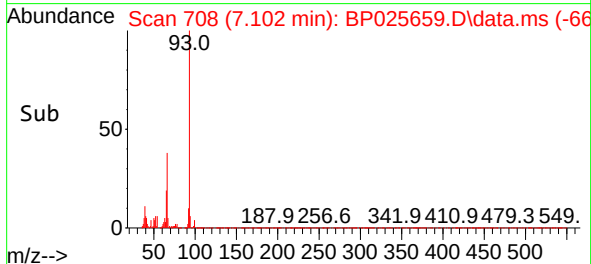
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion: 93 Resp: 72069
Ion Ratio Lower Upper
93 100
66 38.4 30.4 45.6
65 19.6 15.3 22.9

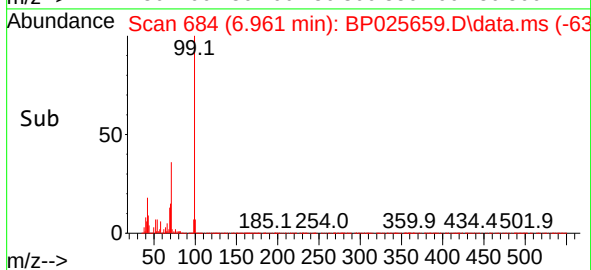
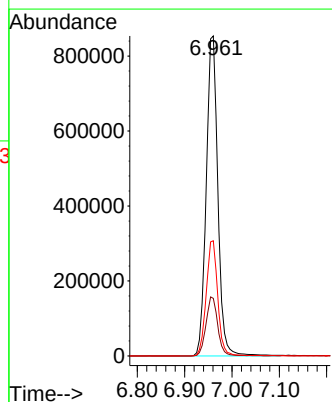
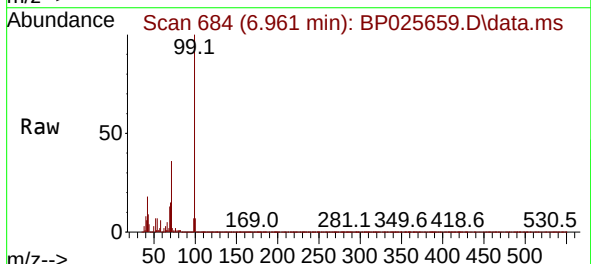
Manual Integrations
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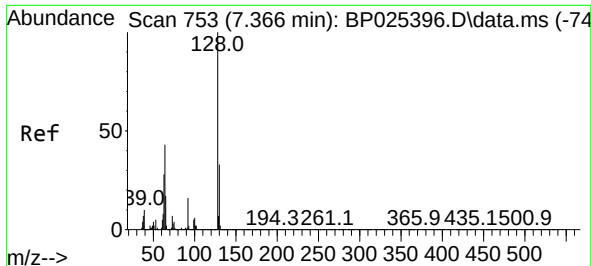
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#7
Phenol-d6
Concen: 118.289 ng
RT: 6.961 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion: 99 Resp: 1456954
Ion Ratio Lower Upper
99 100
42 18.0 13.7 20.5
71 36.0 28.2 42.4





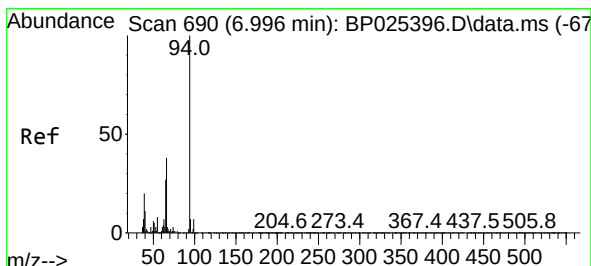
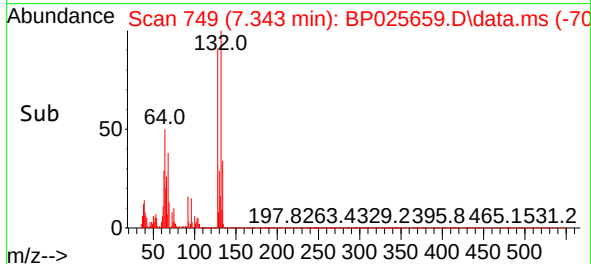
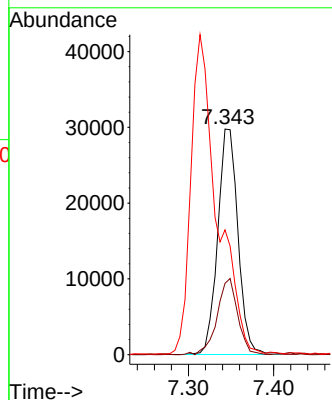
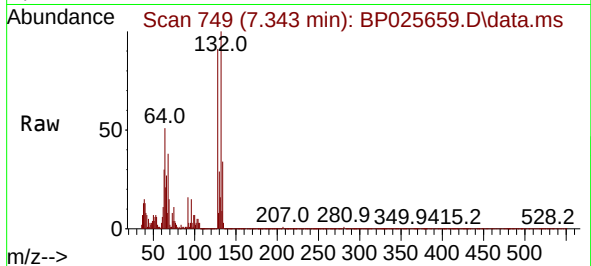
#8
2-Chlorophenol
Concen: 4.540 ng
RT: 7.343 min Scan# 74
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:128 Resp: 4922
Ion Ratio Lower Upper
128 100
130 31.6 12.6 52.6
64 55.3 23.4 63.4

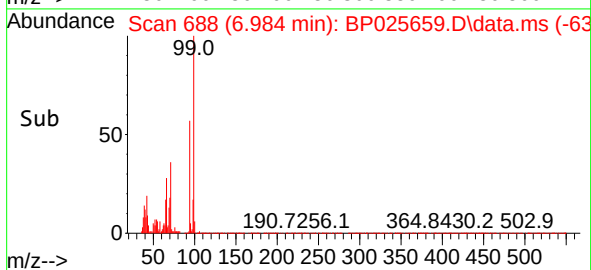
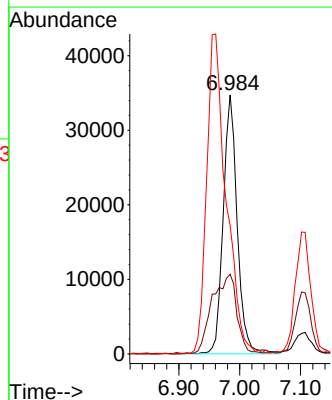
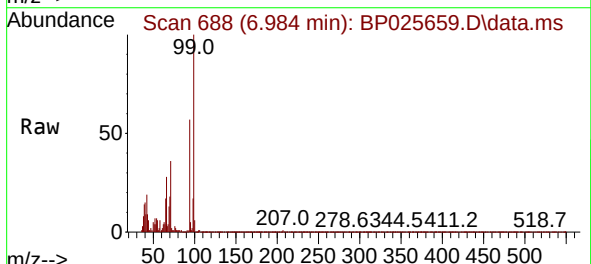
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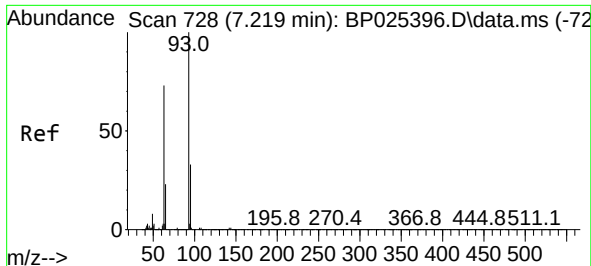
Reviewed By :Rahul Chavli 09/08/2025
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#10
Phenol
Concen: 4.317 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

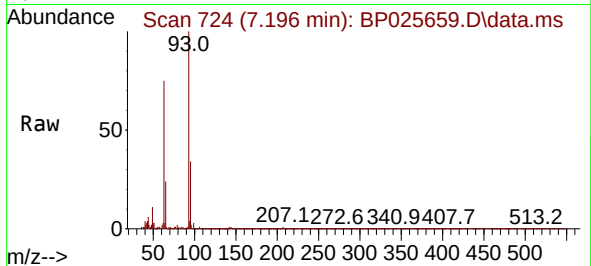
Tgt Ion: 94 Resp: 55795
Ion Ratio Lower Upper
94 100
65 30.8 6.8 46.8
66 49.6 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 4.414 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

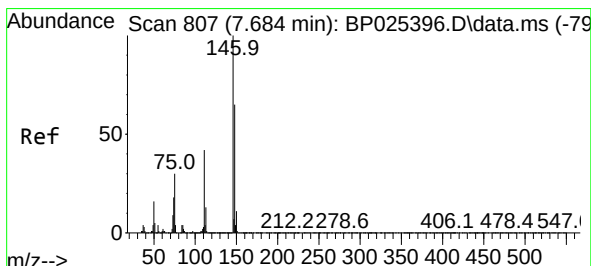
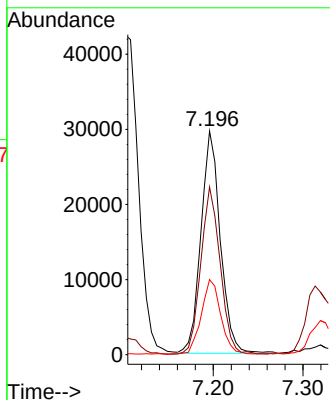
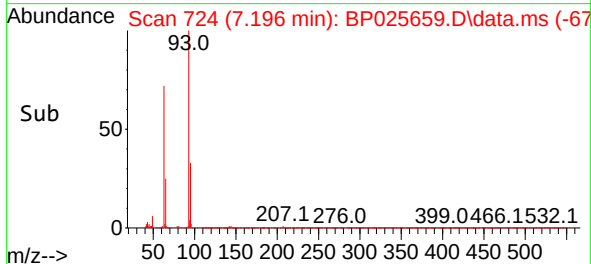
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



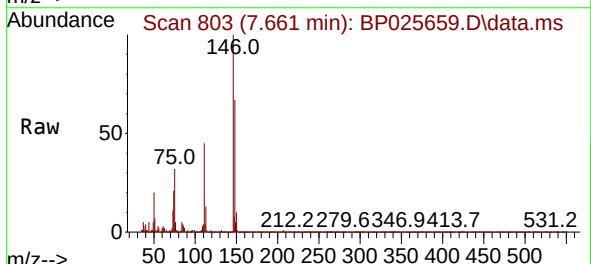
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Ion Ratio Lower Upper
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63 75.0 52.6 92.6
95 33.6 12.7 52.7

Manual Integrations
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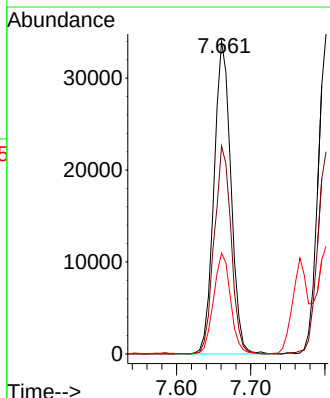
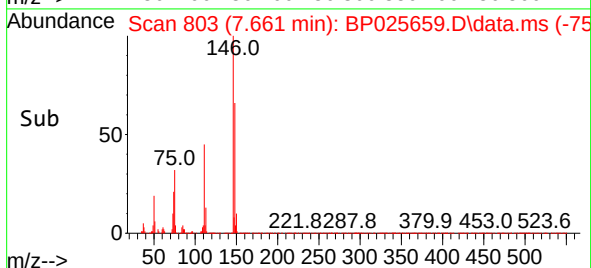
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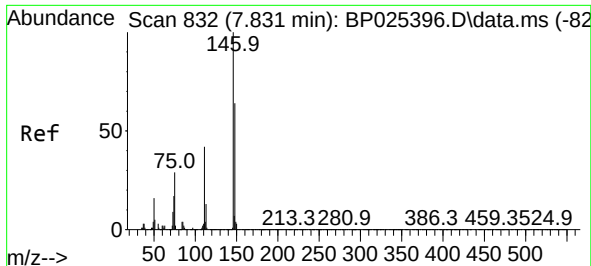


#12
1,3-Dichlorobenzene
Concen: 4.509 ng
RT: 7.661 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



Tgt Ion:146 Resp: 53905
Ion Ratio Lower Upper
146 100
148 66.5 51.9 77.9
75 32.2 23.7 35.5





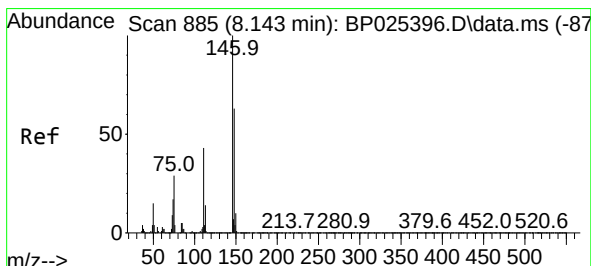
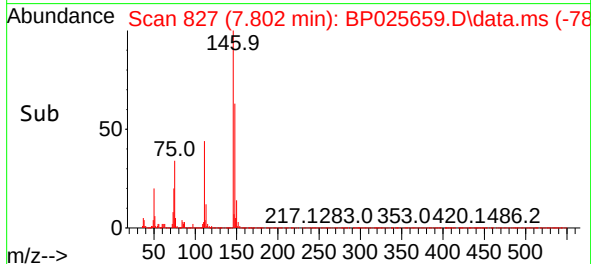
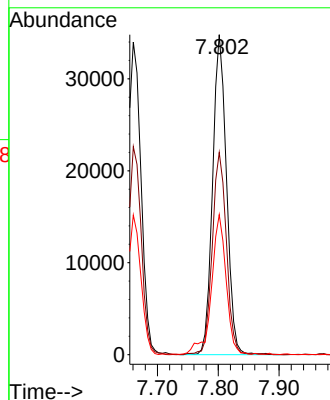
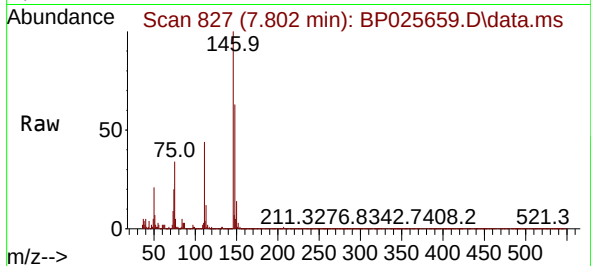
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1,4-Dichlorobenzene
Concen: 4.509 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:146 Resp: 55090
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 43.7 33.4 50.0

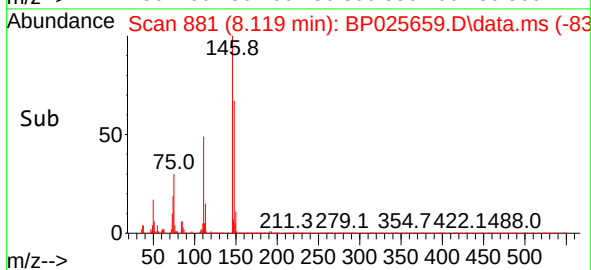
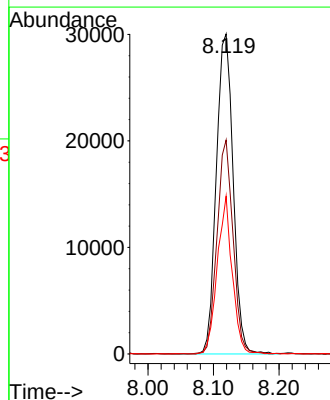
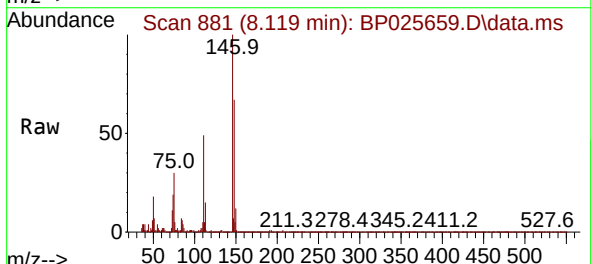
Manual Integrations
APPROVED

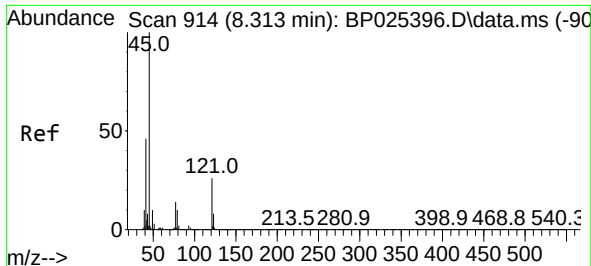
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#14
1,2-Dichlorobenzene
Concen: 4.510 ng
RT: 8.119 min Scan# 881
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:146 Resp: 53336
Ion Ratio Lower Upper
146 100
148 66.8 50.4 75.6
111 49.3 34.5 51.7





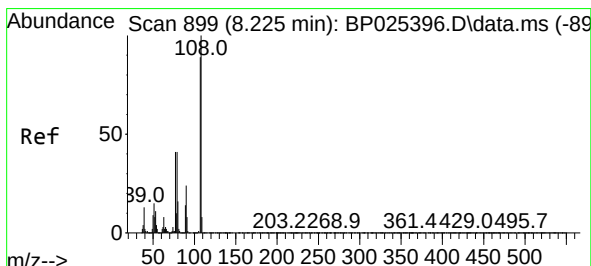
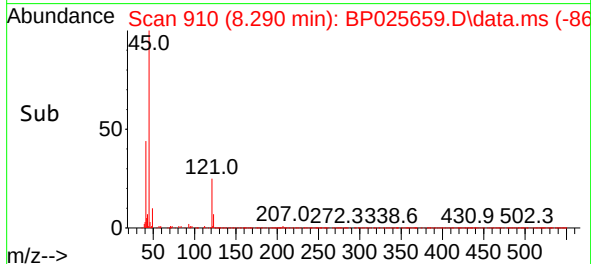
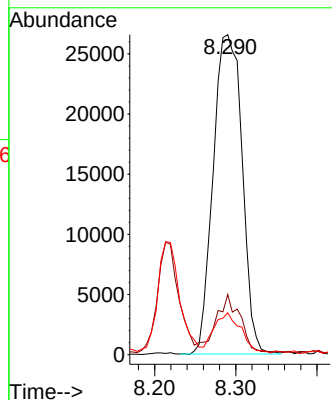
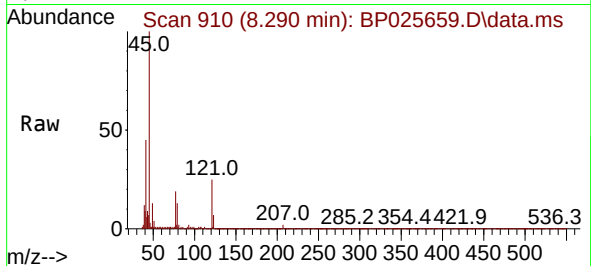
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.863 ng
RT: 8.290 min Scan# 914
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 45 Resp: 6562
Ion Ratio Lower Upper
45 100
77 18.8 0.0 35.3
79 13.1 0.0 31.8

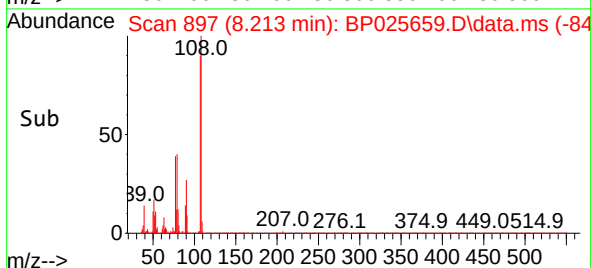
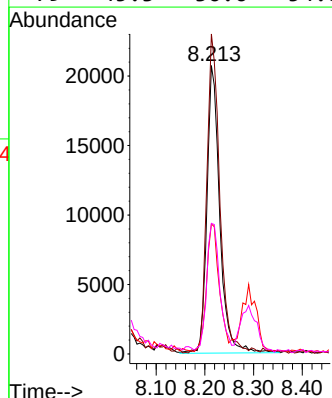
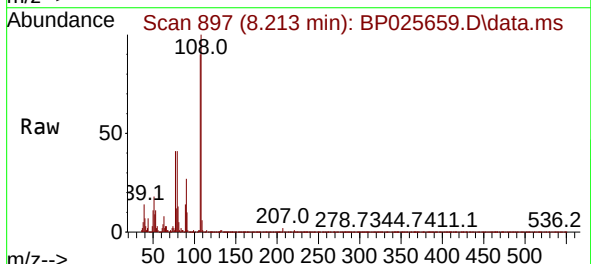
Manual Integrations
APPROVED

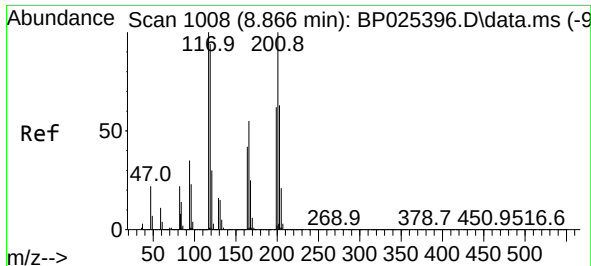
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#17
2-Methylphenol
Concen: 4.200 ng
RT: 8.213 min Scan# 897
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

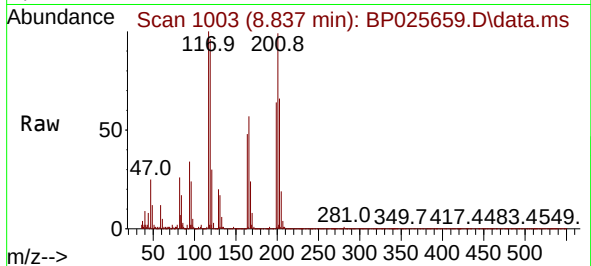
Tgt Ion:107 Resp: 37698
Ion Ratio Lower Upper
107 100
108 111.0 89.4 134.0
77 45.1 36.3 54.5
79 45.3 36.6 54.8





#18
Hexachloroethane
Concen: 4.543 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

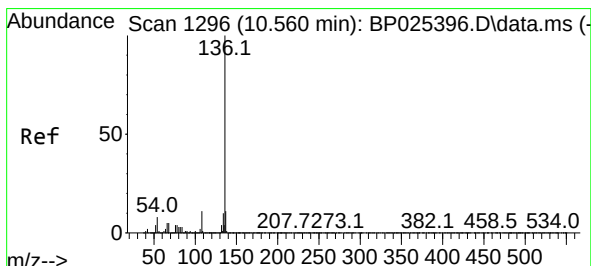
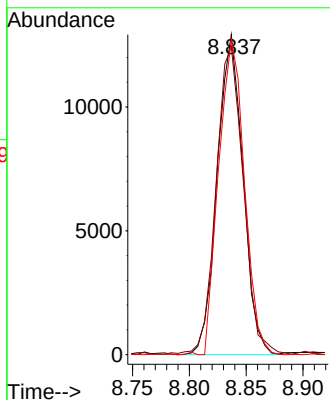
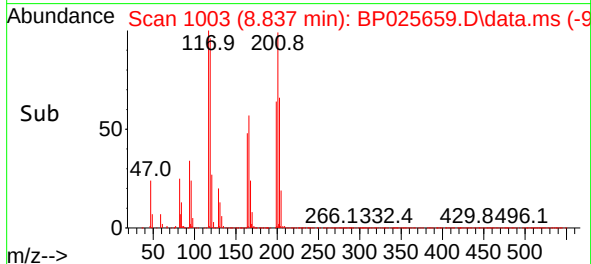
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:117 Resp: 20408
Ion Ratio Lower Upper
117 100
119 96.2 75.1 112.7
201 98.5 80.1 120.1

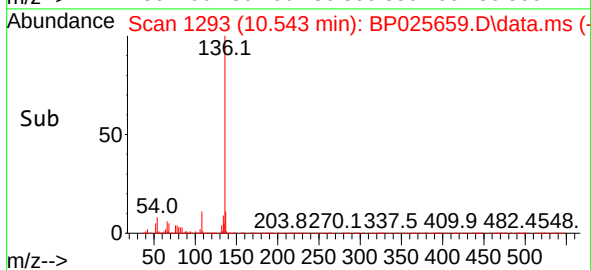
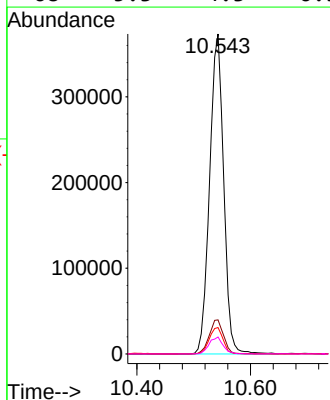
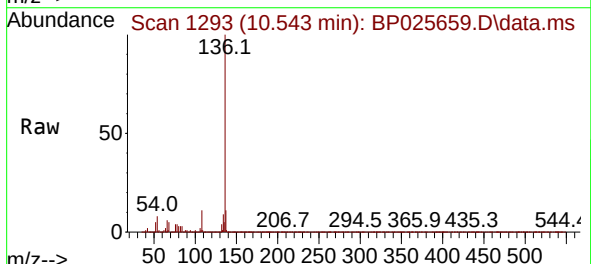
Manual Integrations
APPROVED

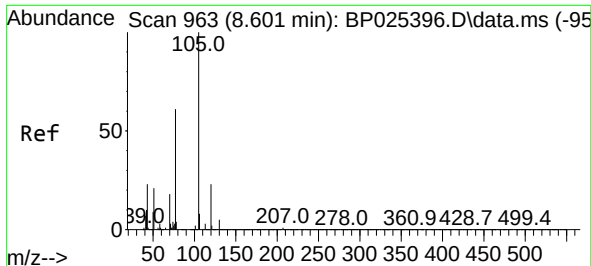
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:136 Resp: 639022
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 8.2 6.0 9.0
68 5.3 4.3 6.5





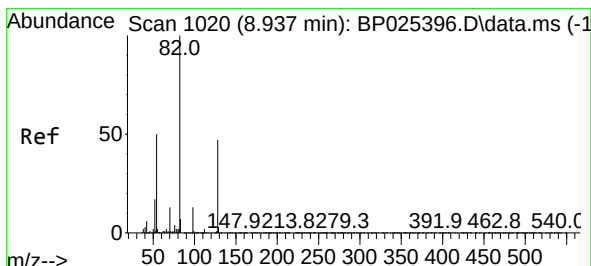
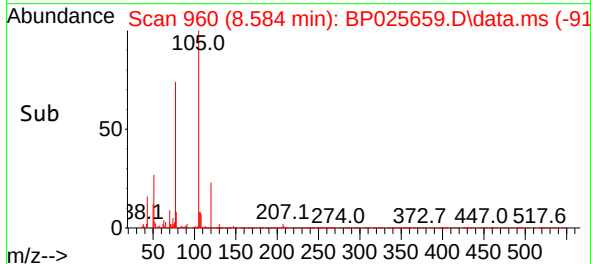
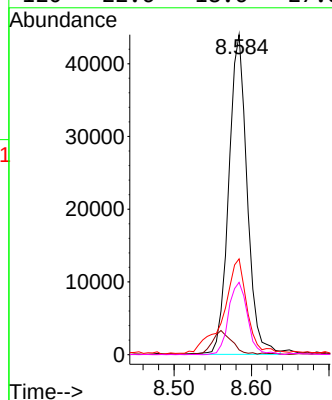
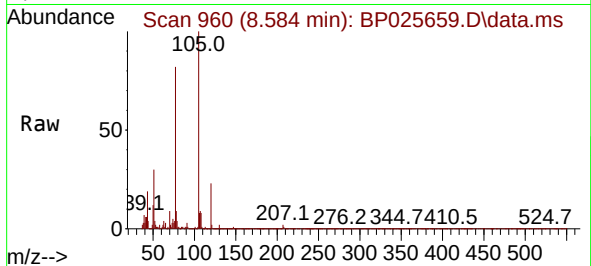
#22
Acetophenone
Concen: 4.516 ng
RT: 8.584 min Scan# 90
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:105 Resp: 72370
Ion Ratio Lower Upper
105 100
71 1.5 2.6 4.0
51 29.9 20.6 30.8
120 22.6 18.6 27.8

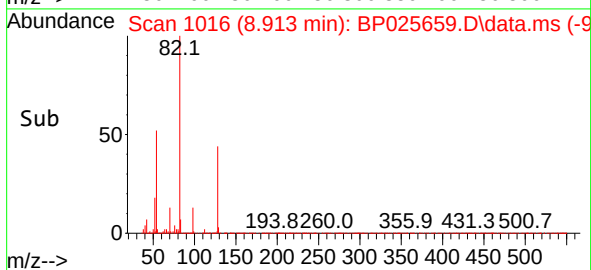
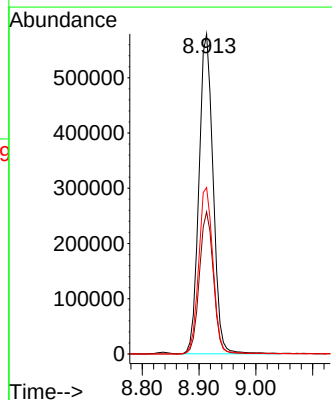
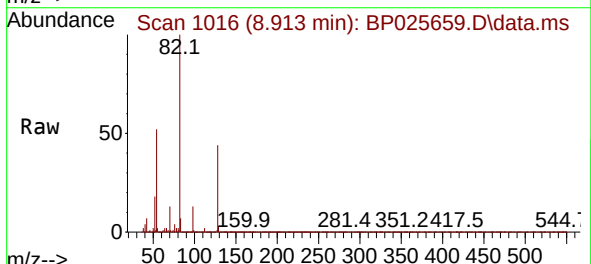
Manual Integrations
APPROVED

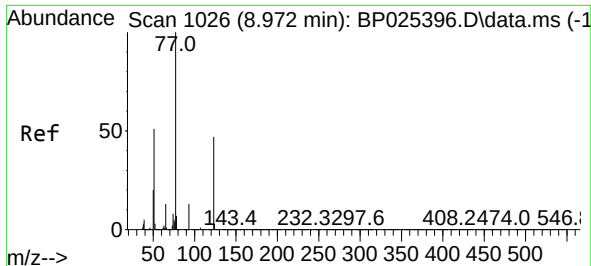
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#23
Nitrobenzene-d5
Concen: 79.295 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion: 82 Resp: 1001690
Ion Ratio Lower Upper
82 100
128 44.4 37.7 56.5
54 52.0 39.8 59.6





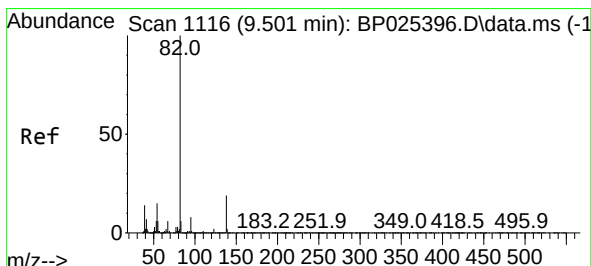
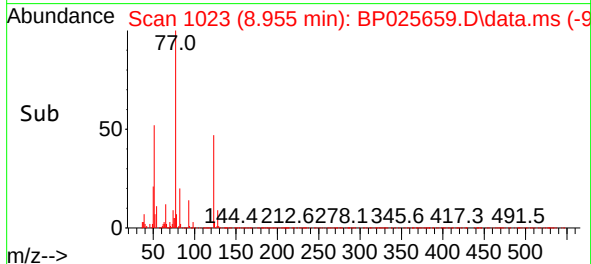
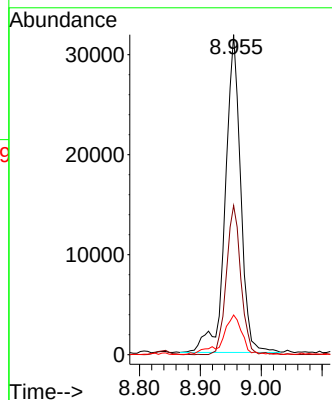
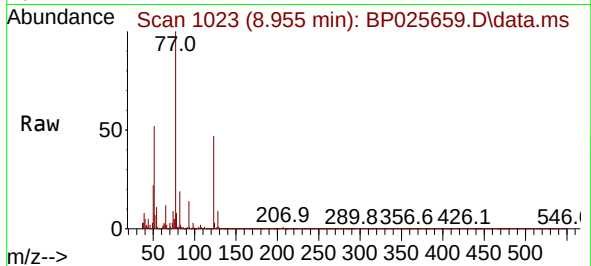
#24
Nitrobenzene
Concen: 4.946 ng
RT: 8.955 min Scan# 1023
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 77 Resp: 5584
Ion Ratio Lower Upper
77 100
123 46.6 38.6 58.0
65 12.4 10.6 15.8

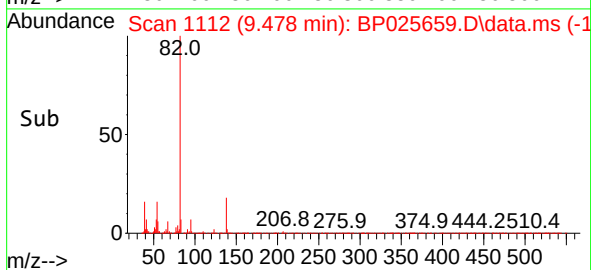
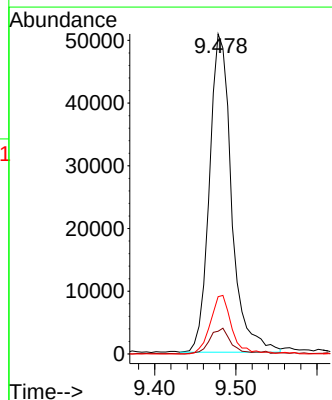
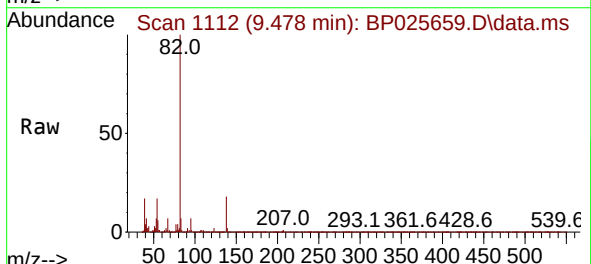
Manual Integrations
APPROVED

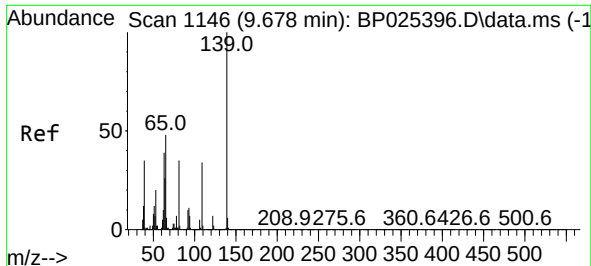
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#25
Isophorone
Concen: 4.310 ng
RT: 9.478 min Scan# 1112
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

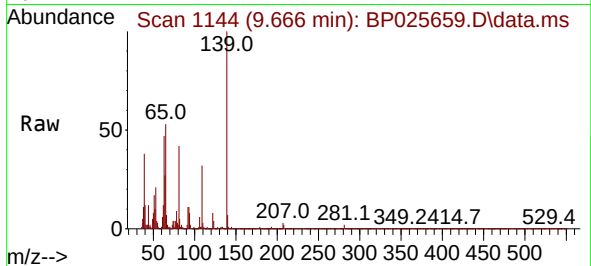
Tgt Ion: 82 Resp: 96345
Ion Ratio Lower Upper
82 100
95 7.1 6.4 9.6
138 17.9 15.4 23.0





#26
2-Nitrophenol
Concen: 3.995 ng
RT: 9.666 min Scan# 1144
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

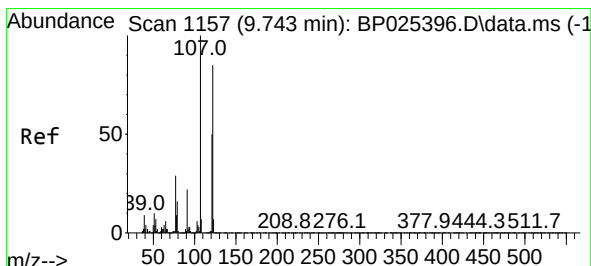
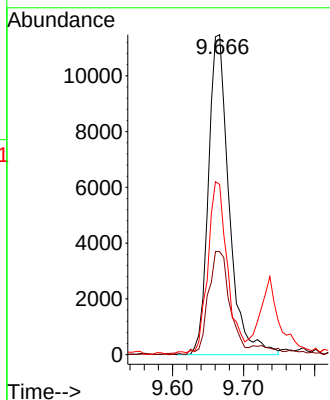
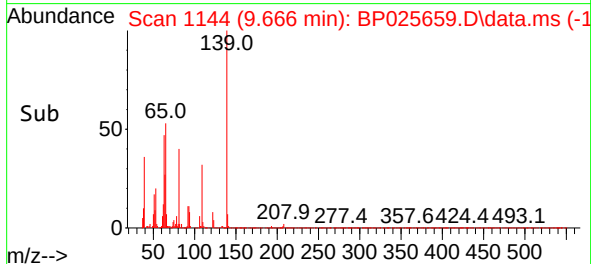
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



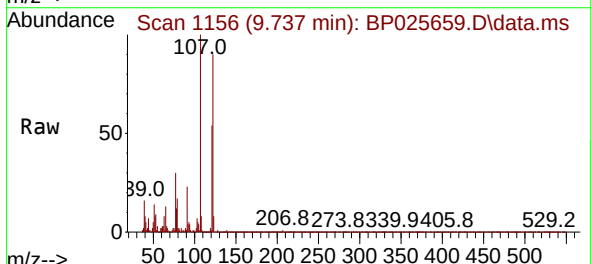
Tgt Ion:139 Resp: 2314
Ion Ratio Lower Upper
139 100
109 32.2 26.9 40.3
65 53.2 38.3 57.5

Manual Integrations
APPROVED

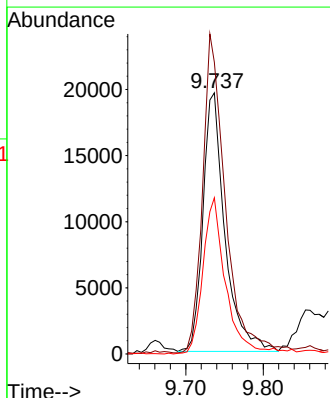
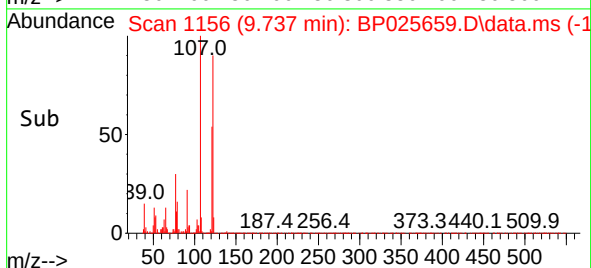
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

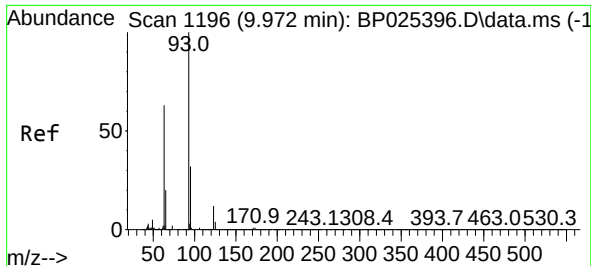


#27
2,4-Dimethylphenol
Concen: 3.867 ng
RT: 9.737 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



Tgt Ion:122 Resp: 38534
Ion Ratio Lower Upper
122 100
107 111.7 93.7 140.5
121 59.8 46.6 69.8





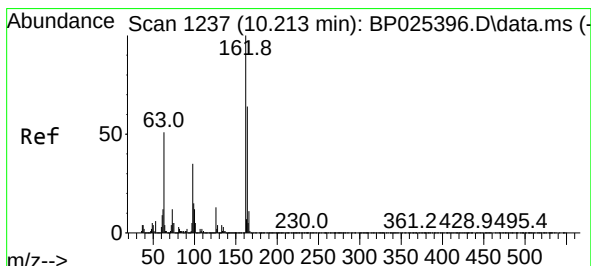
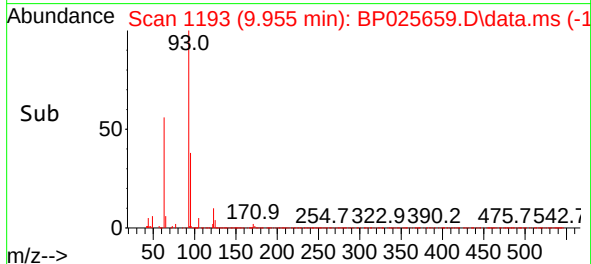
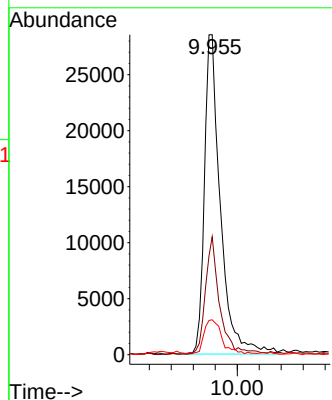
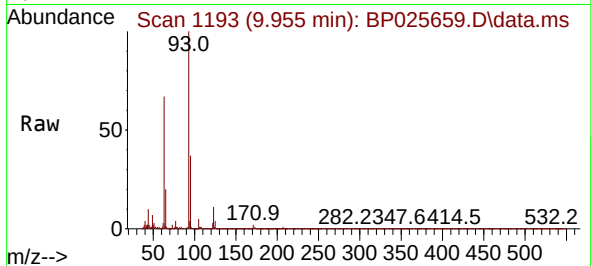
#28
bis(2-Chloroethoxy)methane
Concen: 4.269 ng
RT: 9.955 min Scan# 1196
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion: 93 Resp: 57689
Ion Ratio Lower Upper
93 100
95 36.8 25.4 38.0
123 10.9 9.4 14.0

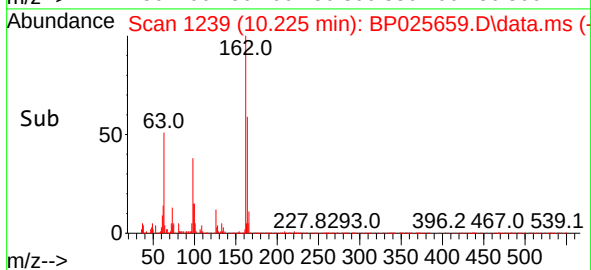
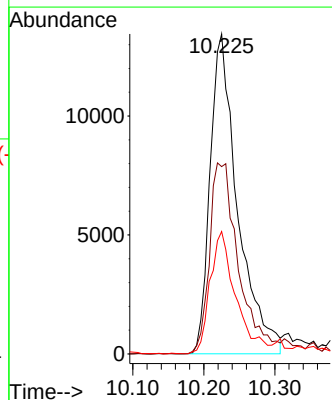
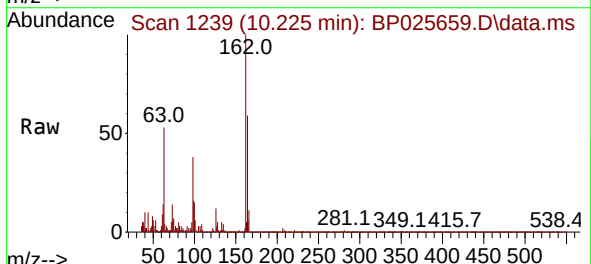
Manual Integrations
APPROVED

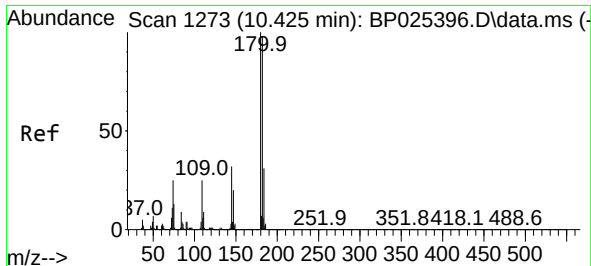
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#29
2,4-Dichlorophenol
Concen: 3.658 ng
RT: 10.225 min Scan# 1239
Delta R.T. 0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:162 Resp: 36209
Ion Ratio Lower Upper
162 100
164 58.6 44.4 84.4
98 38.2 14.9 54.9





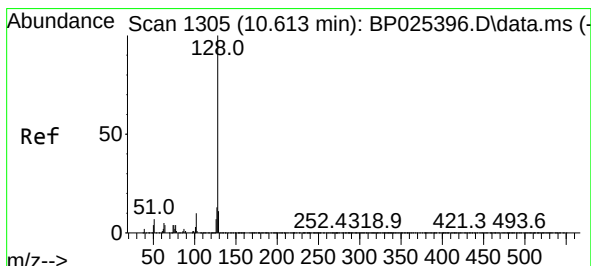
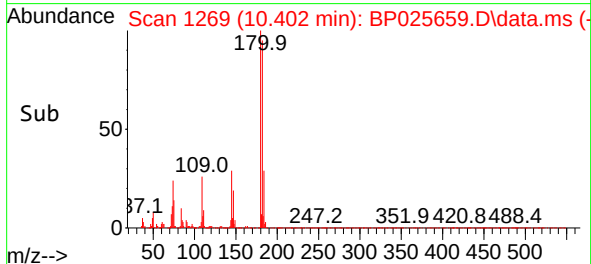
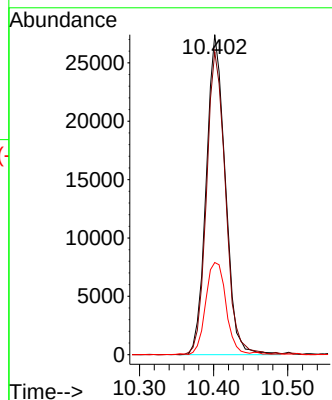
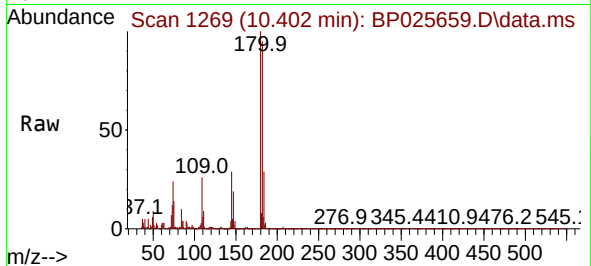
#30
1,2,4-Trichlorobenzene
Concen: 4.517 ng
RT: 10.402 min Scan# 1269
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025

Tgt Ion:180 Resp: 49009
Ion Ratio Lower Upper
180 100
182 94.6 78.0 117.0
145 28.8 25.9 38.9

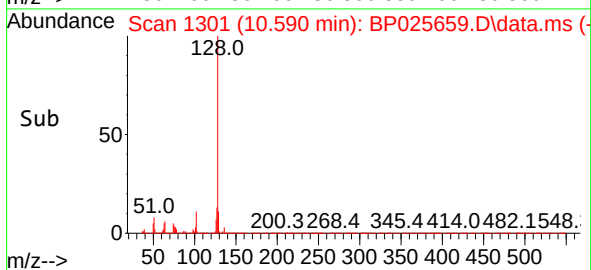
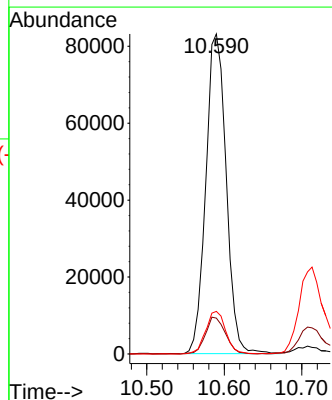
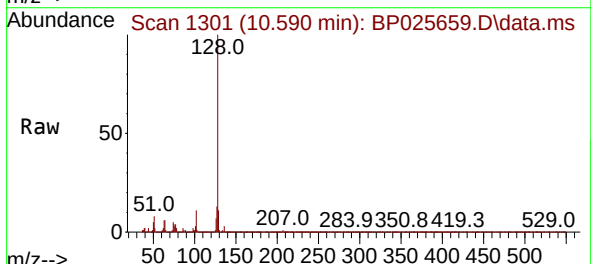
Manual Integrations
APPROVED

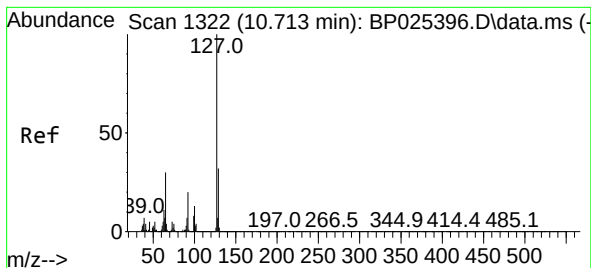
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#31
Naphthalene
Concen: 4.568 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:128 Resp: 151717
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 10.7 16.1





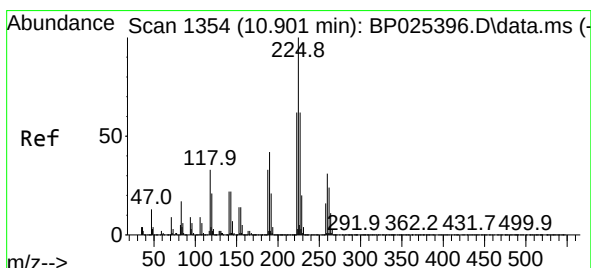
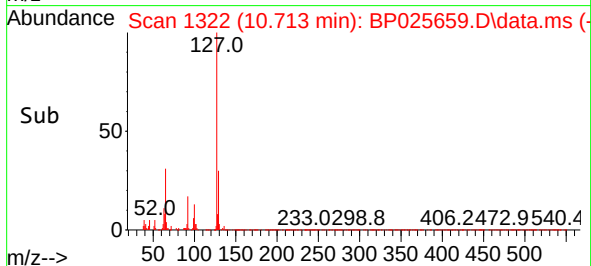
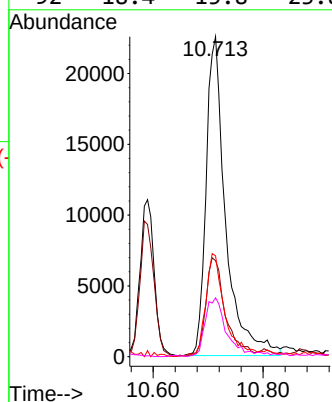
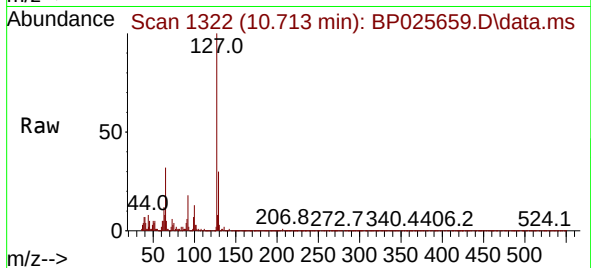
#33
4-Chloroaniline
Concen: 3.795 ng
RT: 10.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.4	38.2
65	31.5	23.8	35.6
92	18.4	15.8	23.8

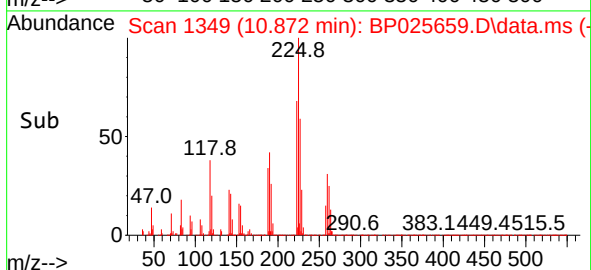
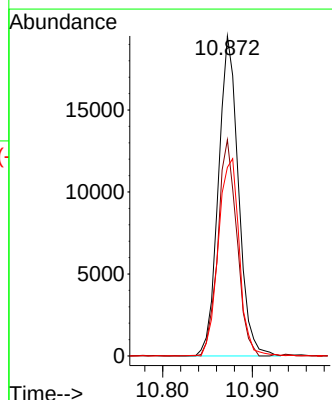
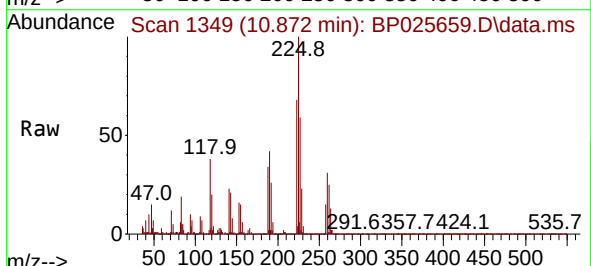
Manual Integrations
APPROVED

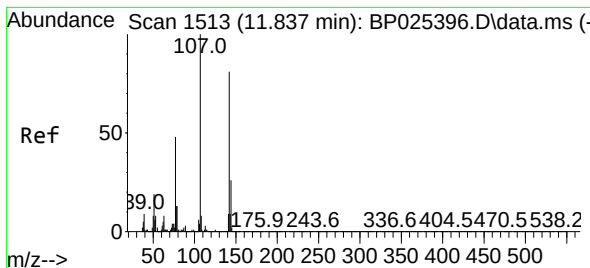
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#34
Hexachlorobutadiene
Concen: 4.485 ng
RT: 10.872 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	50.0	75.0
227	61.4	49.7	74.5





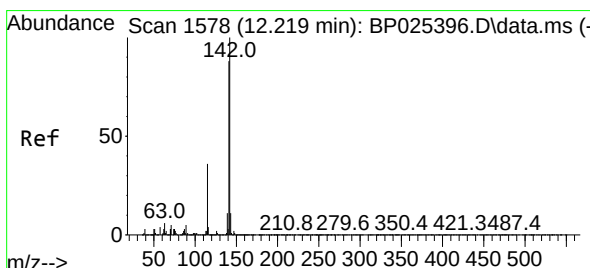
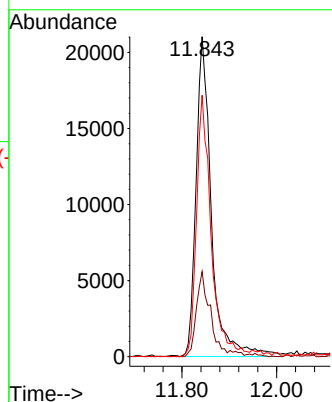
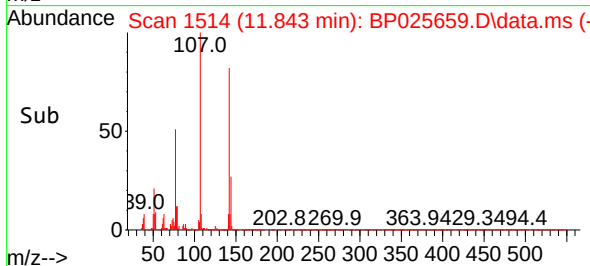
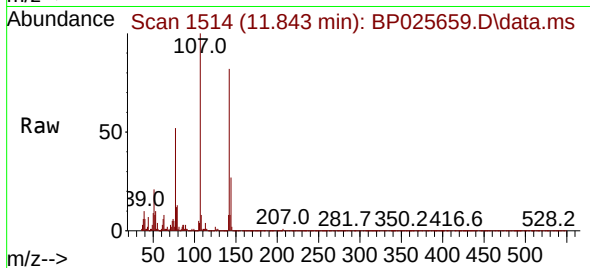
#36
4-Chloro-3-methylphenol
Concen: 4.171 ng
RT: 11.843 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Tgt Ion:107 Resp: 47369
Ion Ratio Lower Upper
107 100
144 26.6 21.0 31.4
142 81.7 64.6 97.0

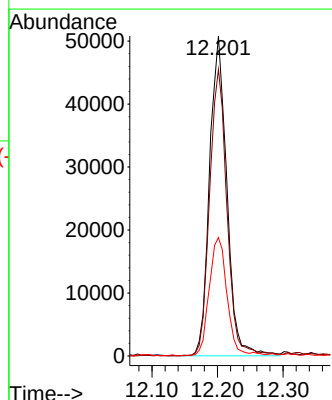
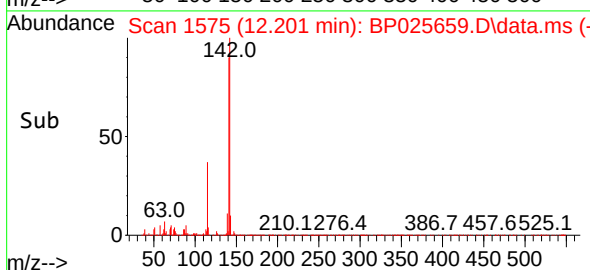
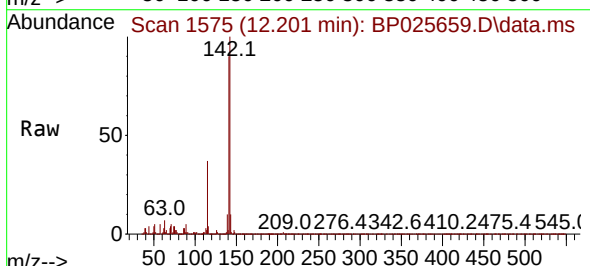
Manual Integrations
APPROVED

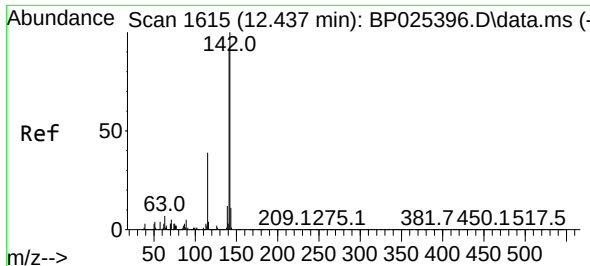
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#37
2-Methylnaphthalene
Concen: 4.314 ng
RT: 12.201 min Scan# 1575
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

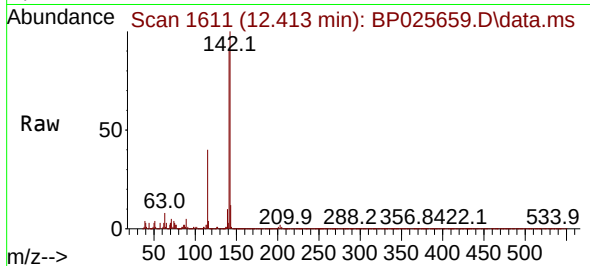
Tgt Ion:142 Resp: 93240
Ion Ratio Lower Upper
142 100
141 89.5 70.3 105.5
115 37.0 28.9 43.3





#38
1-Methylnaphthalene
Concen: 4.353 ng
RT: 12.413 min Scan# 1611
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

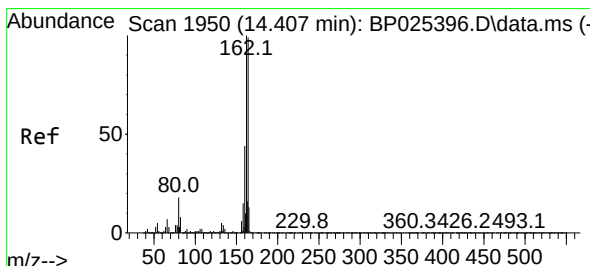
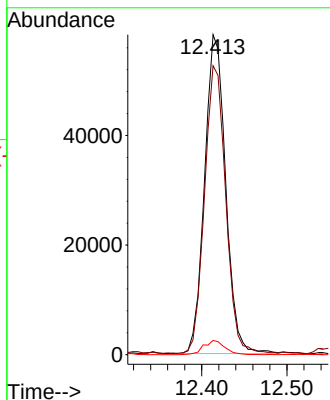
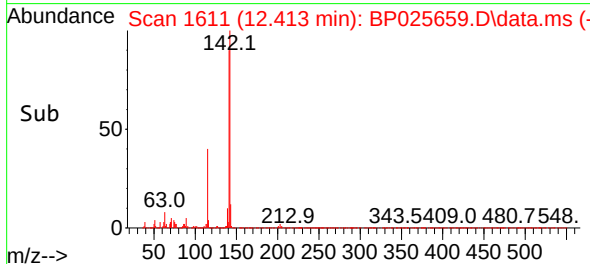
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:142 Resp: 10004
Ion Ratio Lower Upper
142 100
141 90.3 73.1 109.7
116 4.4 3.2 4.8

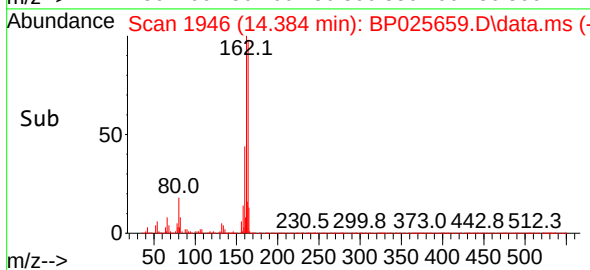
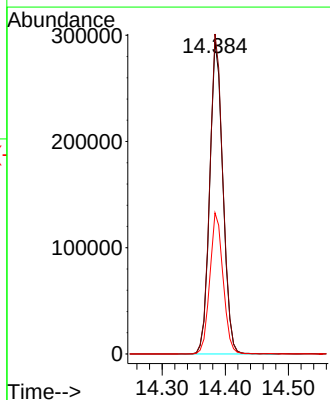
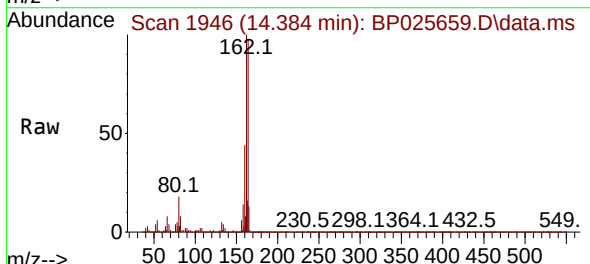
Manual Integrations
APPROVED

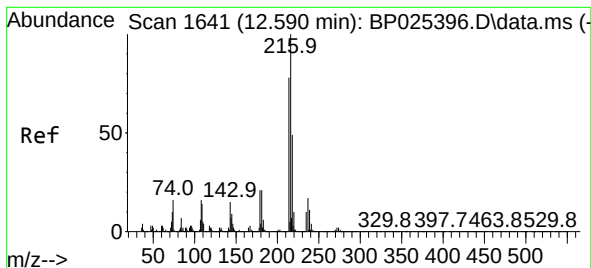
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.384 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:164 Resp: 426175
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.6
160 45.2 35.4 53.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.549 ng

RT: 12.572 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:216 Resp: 55992

Ion Ratio Lower Upper

216 100

214 78.5 63.0 94.4

179 22.1 17.1 25.7

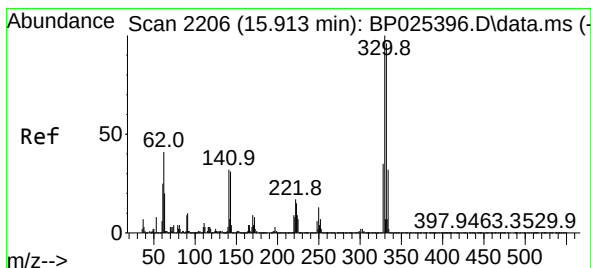
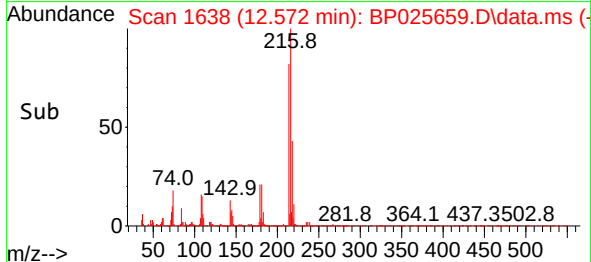
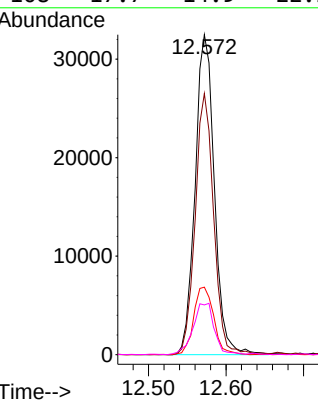
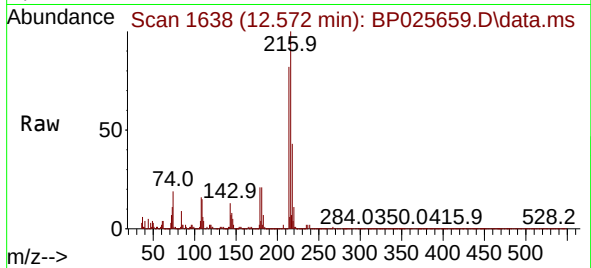
108 17.7 14.9 22.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#42

2,4,6-Tribromophenol

Concen: 125.721 ng

RT: 15.913 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

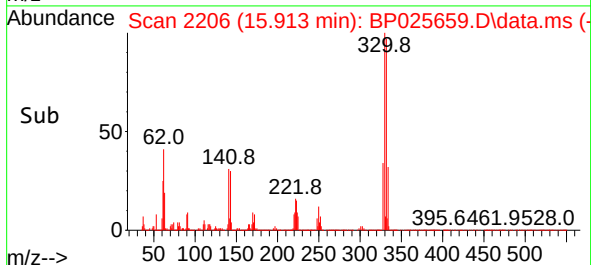
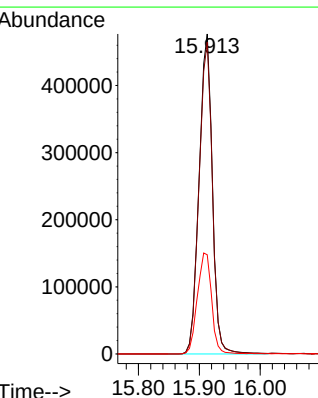
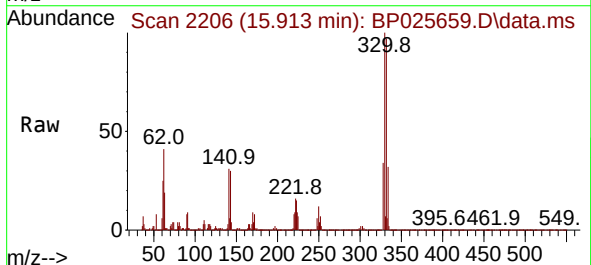
Tgt Ion:330 Resp: 721182

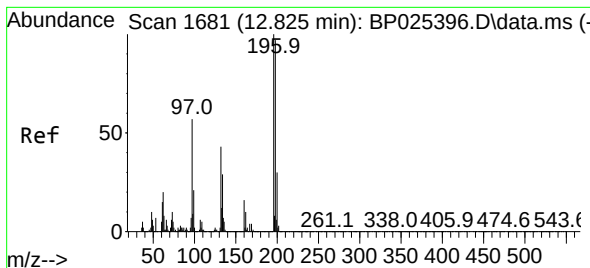
Ion Ratio Lower Upper

330 100

332 97.8 77.3 115.9

141 33.8 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 3.856 ng

RT: 12.819 min Scan# 1680

Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

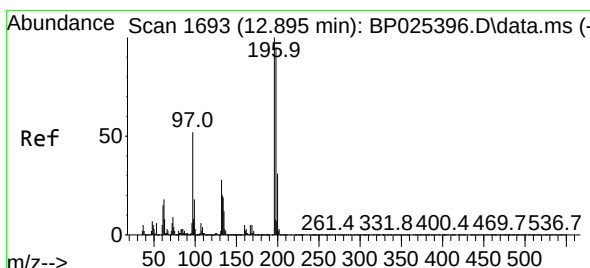
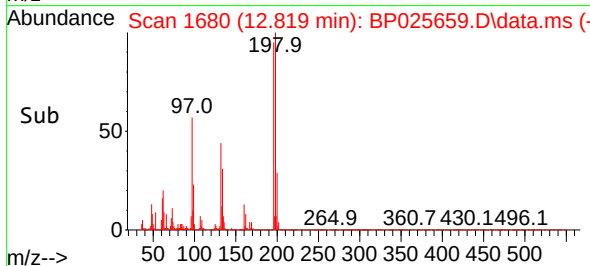
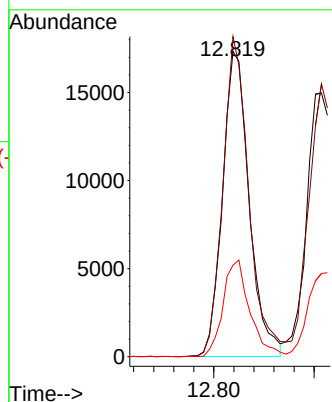
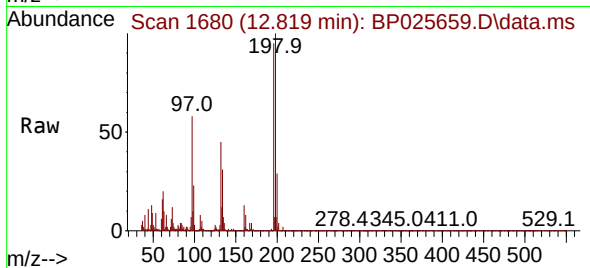
Tgt Ion:	196	Resp:	3204
Ion Ratio	Lower	Upper	
196	100		
198	104.8	77.2	115.8
200	29.9	23.9	35.9

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/08/2025



#44

2,4,5-Trichlorophenol

Concen: 4.002 ng

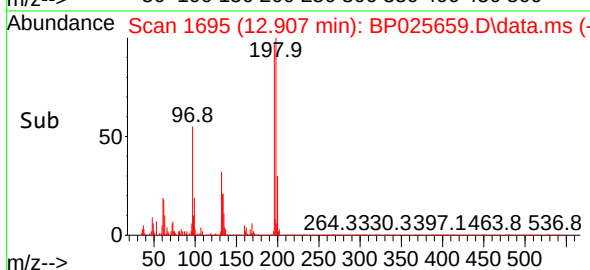
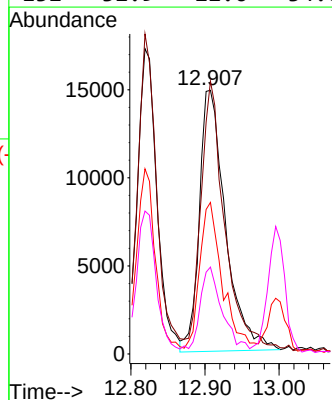
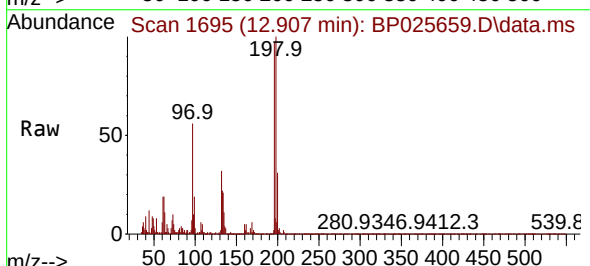
RT: 12.907 min Scan# 1695

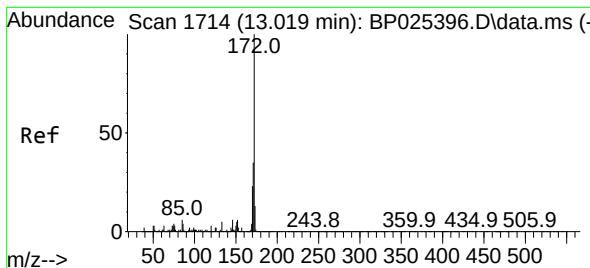
Delta R.T. 0.012 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

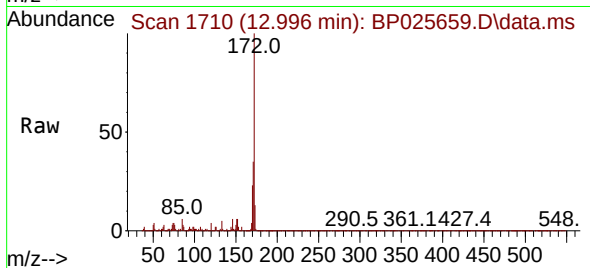
Tgt Ion:	196	Resp:	36449
Ion Ratio	Lower	Upper	
196	100		
198	103.4	76.2	114.2
97	57.5	41.2	61.8
132	32.9	22.6	34.0





#45
2-Fluorobiphenyl
Concen: 74.145 ng
RT: 12.996 min Scan# 1710
Delta R.T. -0.023 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

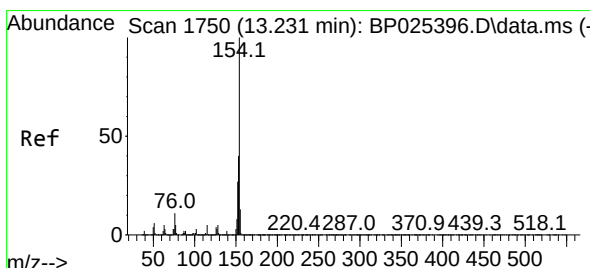
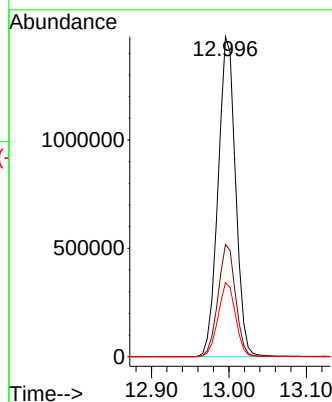
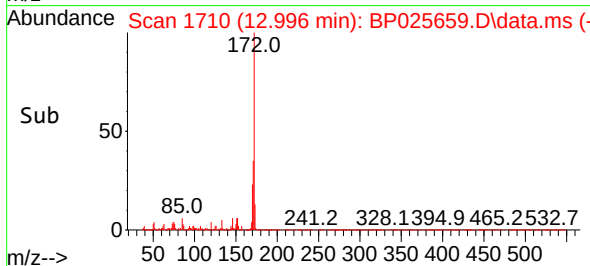
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



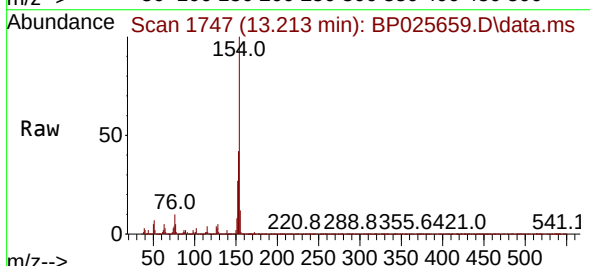
Tgt Ion:172 Resp: 231206
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.1 18.6 28.0

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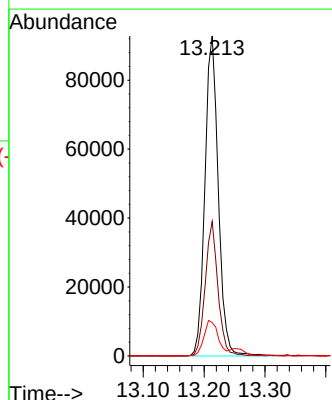
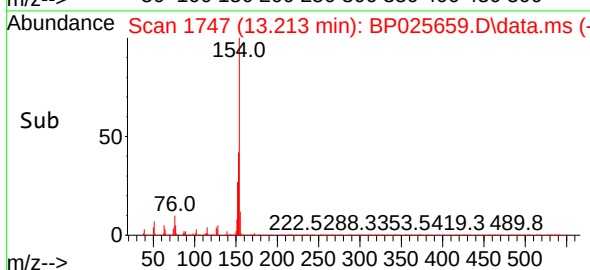
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

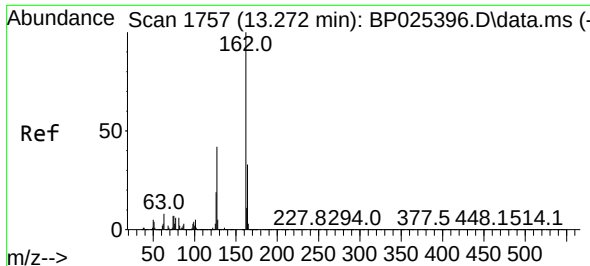


#46
1,1'-Biphenyl
Concen: 4.586 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



Tgt Ion:154 Resp: 141937
Ion Ratio Lower Upper
154 100
153 42.0 19.5 59.5
76 10.5 0.0 31.1





#47

2-Chloronaphthalene

Concen: 4.474 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

Tgt Ion:162 Resp: 107810

Ion Ratio Lower Upper

162 100

127 41.8 33.4 50.2

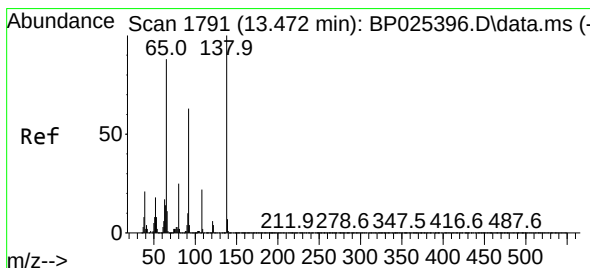
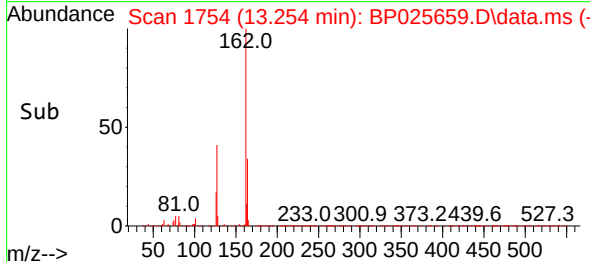
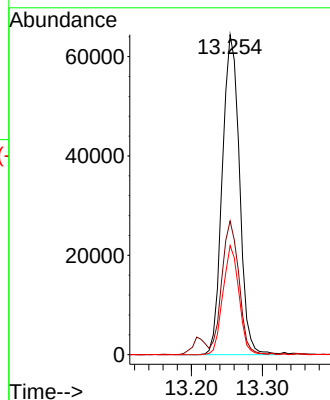
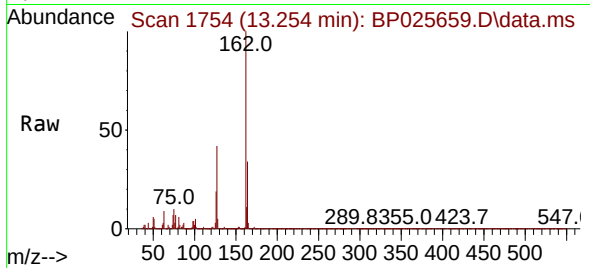
164 34.1 26.2 39.2

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#48

2-Nitroaniline

Concen: 4.141 ng

RT: 13.466 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

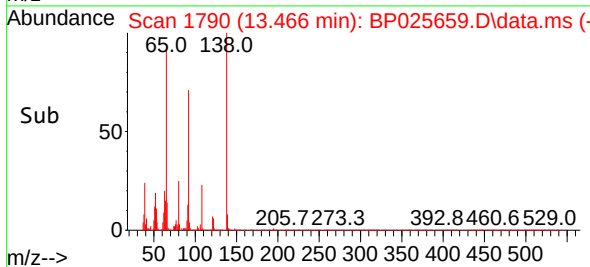
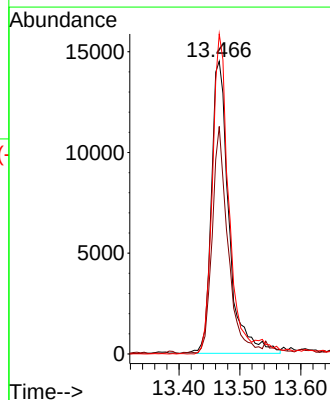
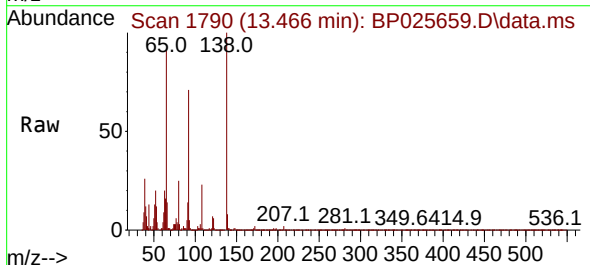
Tgt Ion: 65 Resp: 29072

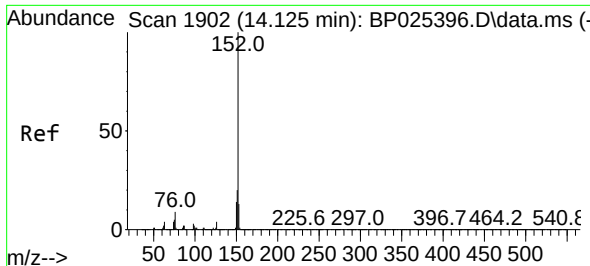
Ion Ratio Lower Upper

65 100

92 77.8 57.6 86.4

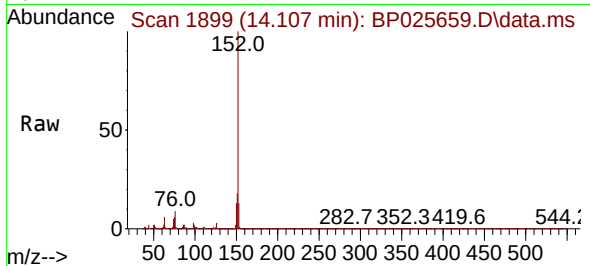
138 109.4 91.0 136.6





#49
Acenaphthylene
Concen: 4.444 ng
RT: 14.107 min Scan# 1899
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

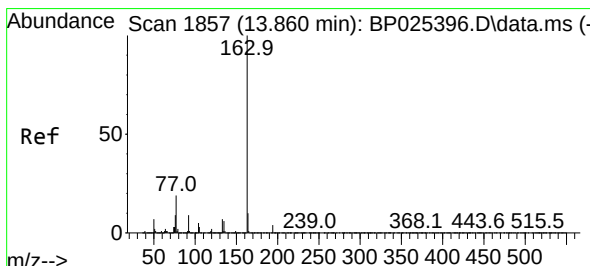
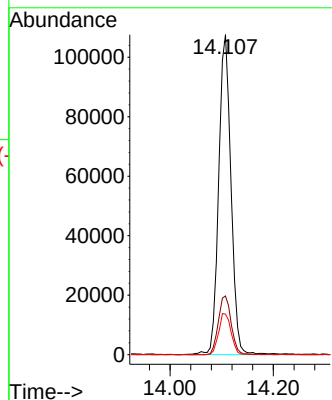
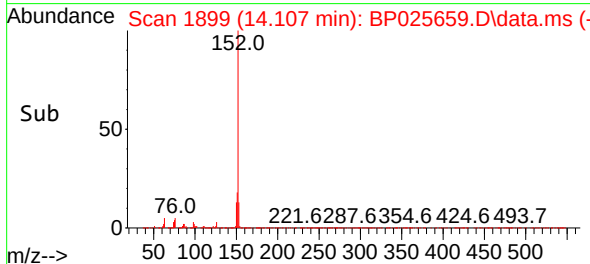
Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



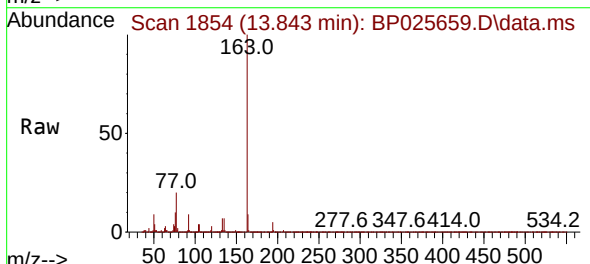
Tgt Ion:152 Resp: 17718
Ion Ratio Lower Upper
152 100
151 18.3 16.0 24.0
153 12.7 10.6 15.8

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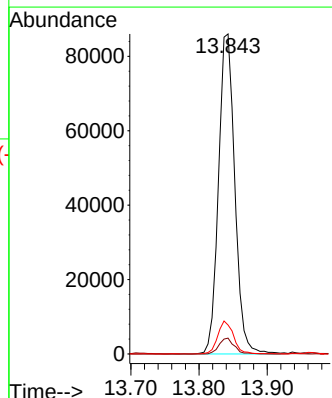
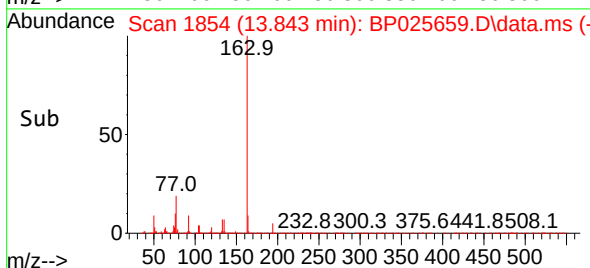
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

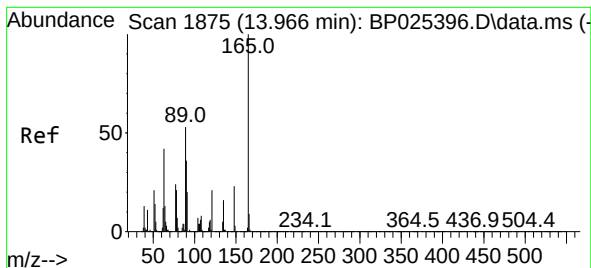


#50
Dimethylphthalate
Concen: 4.595 ng
RT: 13.843 min Scan# 1854
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



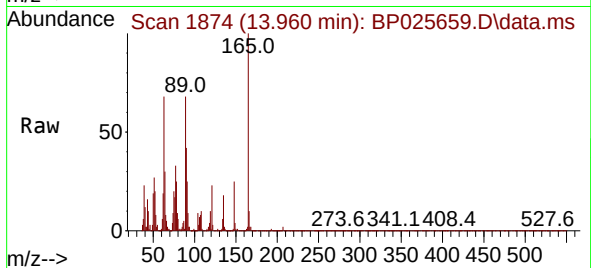
Tgt Ion:163 Resp: 143413
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.0
164 9.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 4.220 ng
RT: 13.960 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

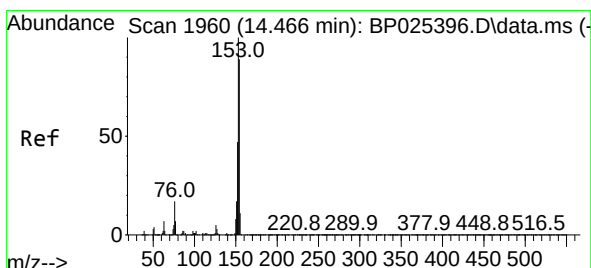
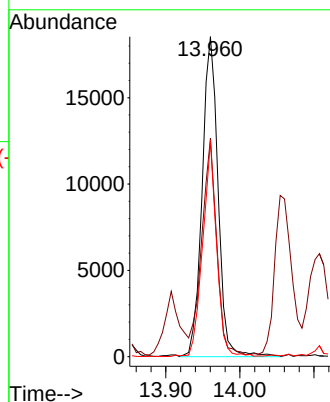
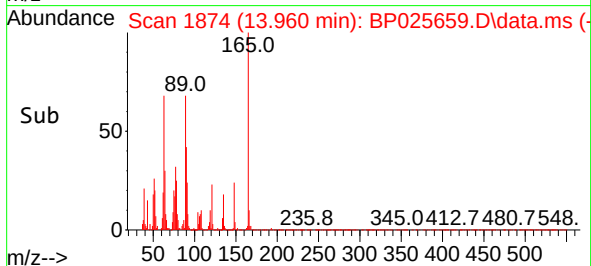
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion:165 Resp: 27759
Ion Ratio Lower Upper
165 100
63 68.3 40.9 61.3
89 67.6 42.1 63.1

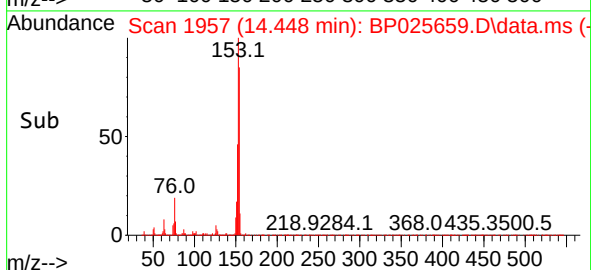
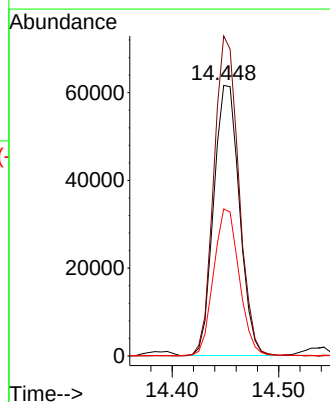
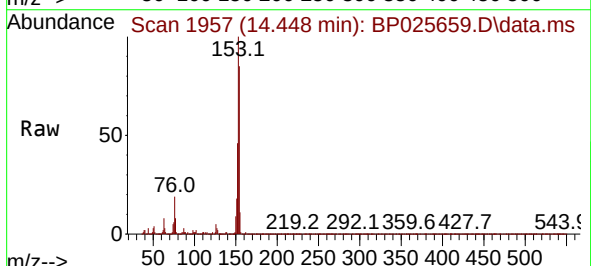
Manual Integrations
APPROVED

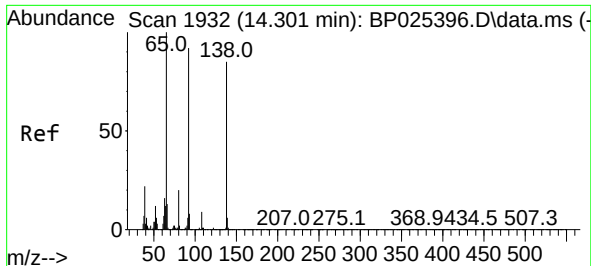
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#52
Acenaphthene
Concen: 4.399 ng
RT: 14.448 min Scan# 1957
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

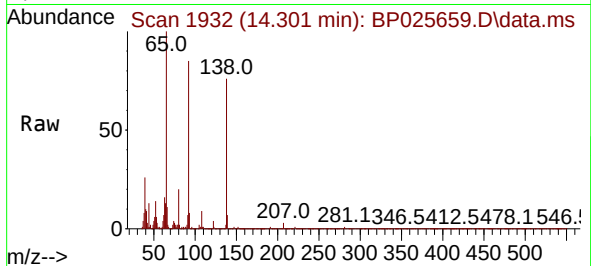
Tgt Ion:154 Resp: 102960
Ion Ratio Lower Upper
154 100
153 118.3 90.2 135.2
152 54.4 42.1 63.1





#53
3-Nitroaniline
Concen: 3.489 ng
RT: 14.301 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

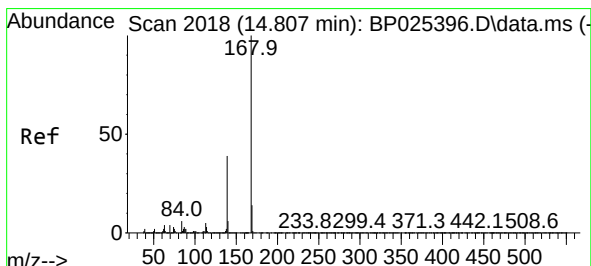
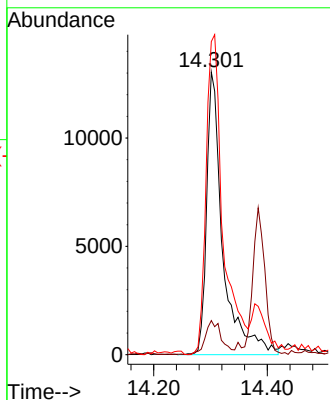
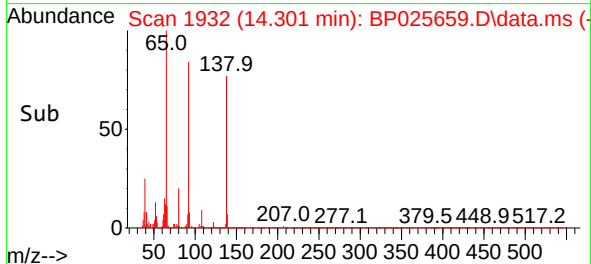
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:138 Resp: 25824
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 110.8 86.2 129.2

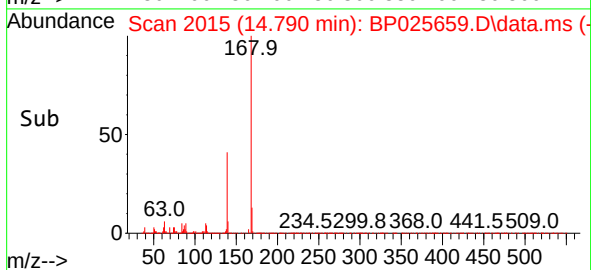
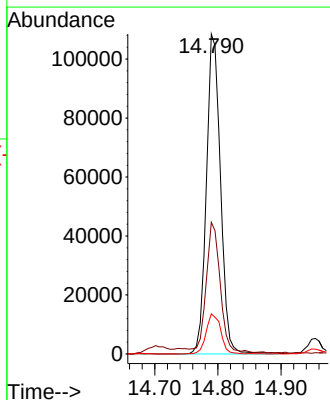
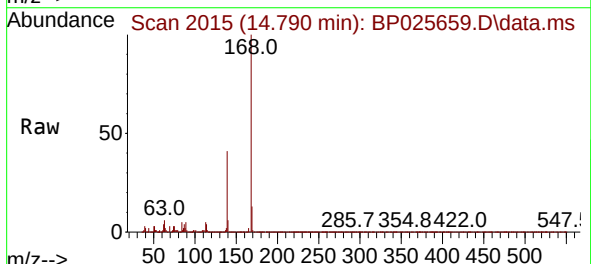
Manual Integrations
APPROVED

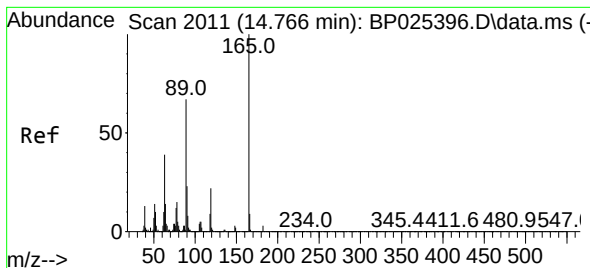
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#55
Dibenzofuran
Concen: 4.550 ng
RT: 14.790 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

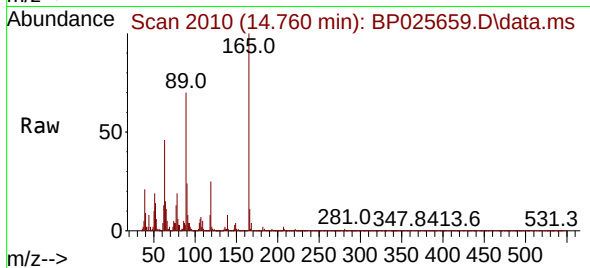
Tgt Ion:168 Resp: 168370
Ion Ratio Lower Upper
168 100
139 41.2 31.5 47.3
169 12.5 10.9 16.3





#57
2,4-Dinitrotoluene
Concen: 4.016 ng
RT: 14.760 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

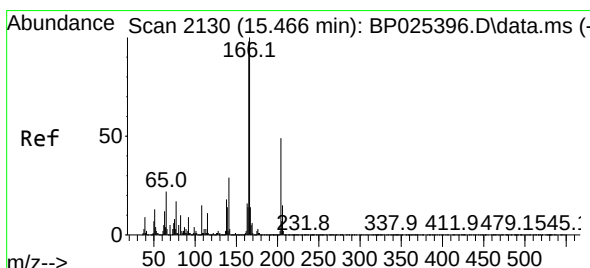
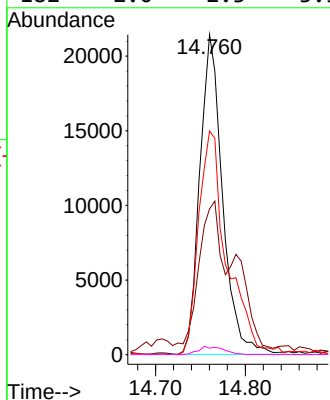
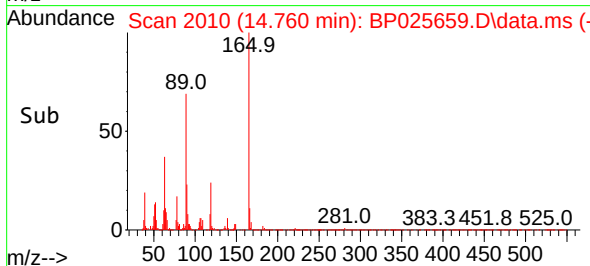
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025



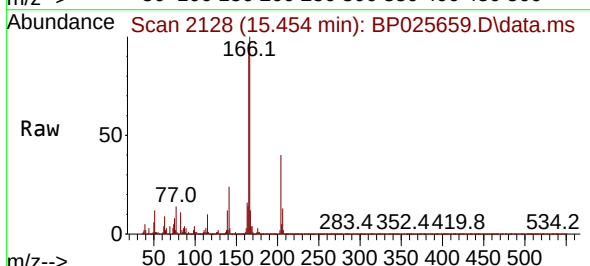
Tgt Ion:165 Resp: 3768
Ion Ratio Lower Upper
165 100
63 45.6 31.4 47.2
89 69.9 53.3 79.9
182 2.0 2.3 3.5#

Manual Integrations
APPROVED

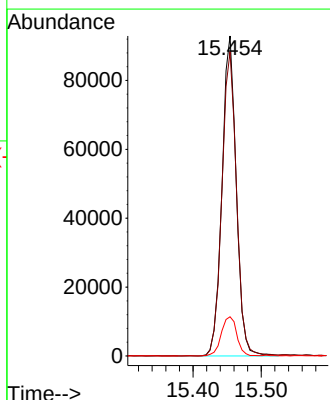
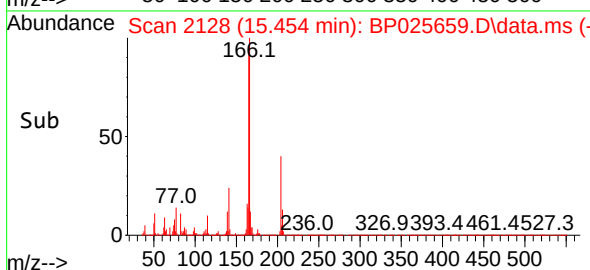
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

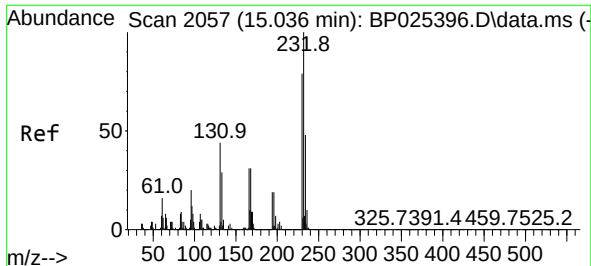


#58
Fluorene
Concen: 4.631 ng
RT: 15.454 min Scan# 2128
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



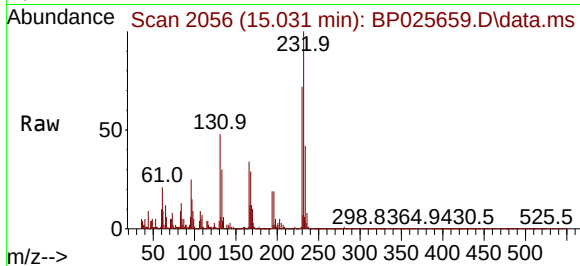
Tgt Ion:166 Resp: 135196
Ion Ratio Lower Upper
166 100
165 95.1 78.8 118.2
167 12.2 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.079 ng
RT: 15.031 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

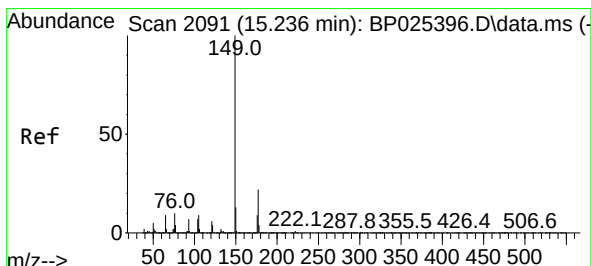
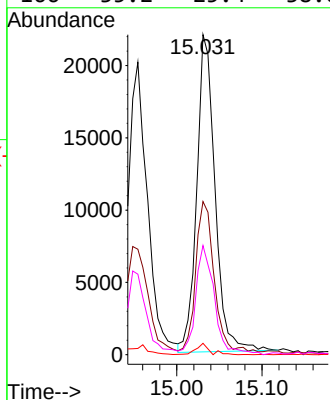
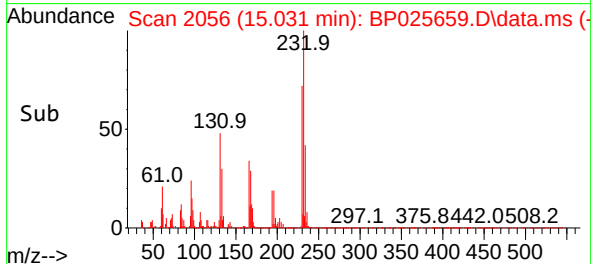
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:232 Resp: 32791
Ion Ratio Lower Upper
232 100
131 47.8 37.0 55.6
130 2.7 1.9 2.9
166 35.2 25.4 38.0

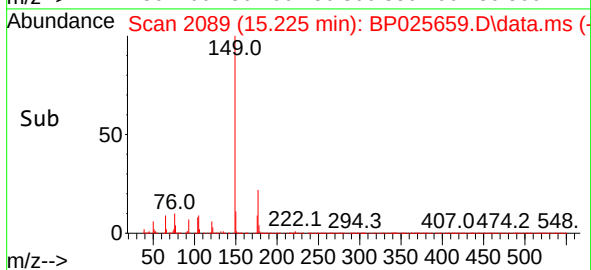
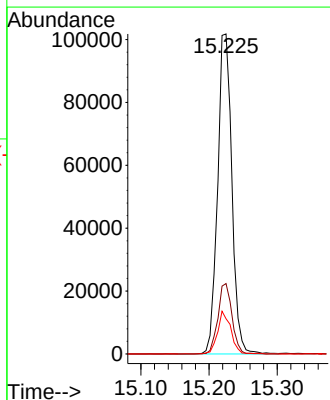
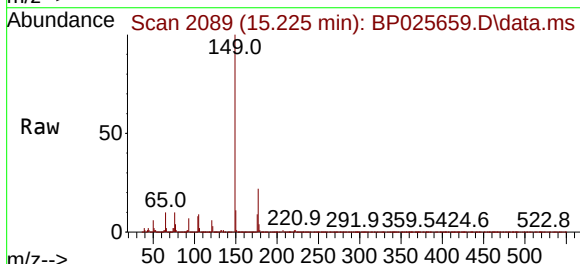
Manual Integrations
APPROVED

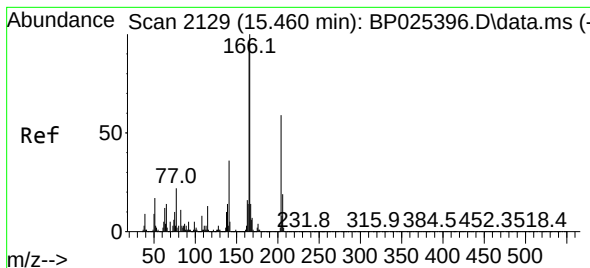
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#60
Diethylphthalate
Concen: 4.676 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

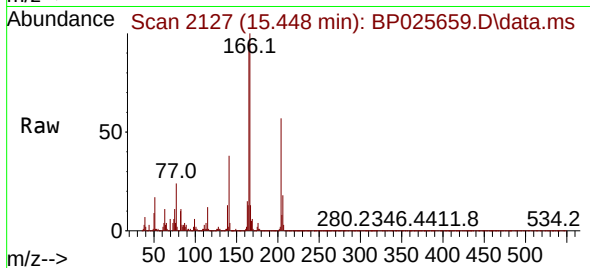
Tgt Ion:149 Resp: 148274
Ion Ratio Lower Upper
149 100
177 22.0 17.3 25.9
150 11.0 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 4.735 ng
RT: 15.448 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

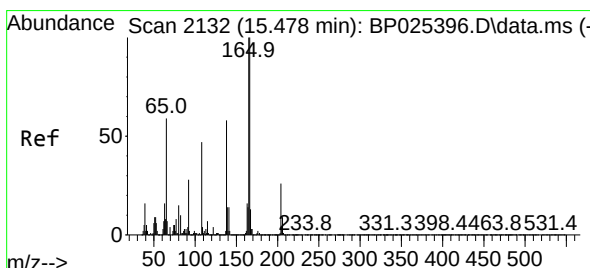
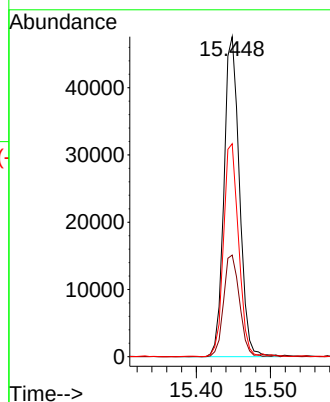
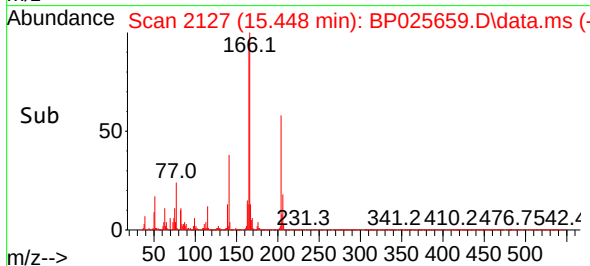
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



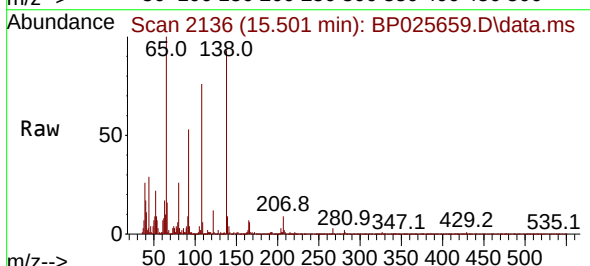
Tgt Ion: 204 Resp: 6875
Ion Ratio Lower Upper
204 100
206 31.8 25.8 38.8
141 66.6 49.4 74.2

Manual Integrations
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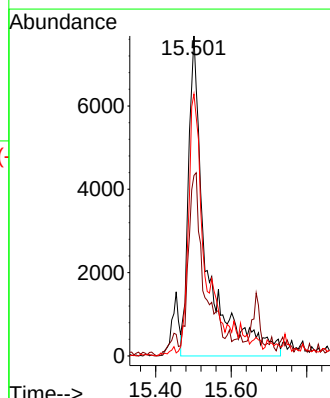
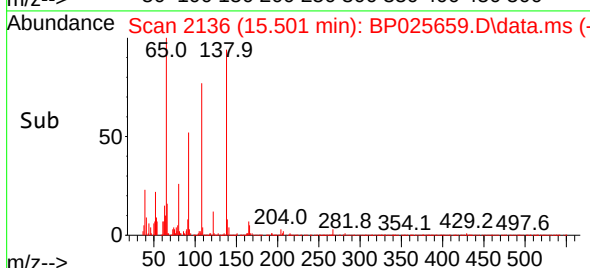
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

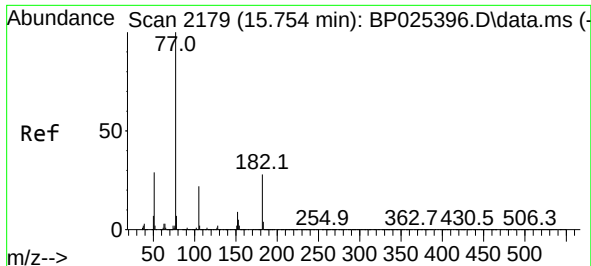


#62
4-Nitroaniline
Concen: 3.335 ng m
RT: 15.501 min Scan# 2136
Delta R.T. 0.024 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



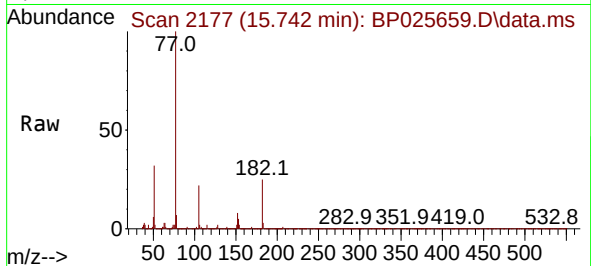
Tgt Ion: 138 Resp: 25302
Ion Ratio Lower Upper
138 100
92 56.4 29.1 69.1
108 81.9 61.5 101.5





#63
Azobenzene
Concen: 4.695 ng
RT: 15.742 min Scan# 2179
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

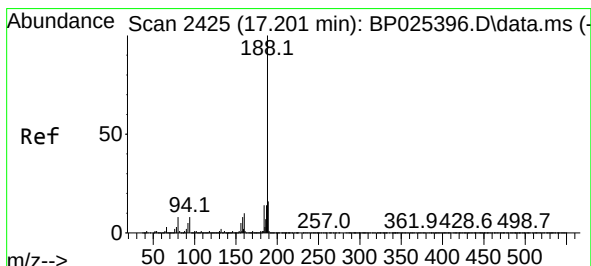
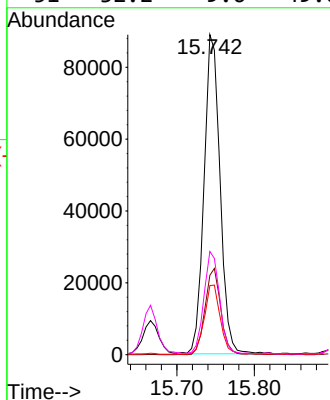
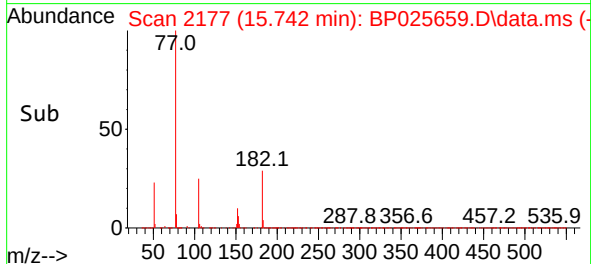
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion: 77 Resp: 12748
Ion Ratio Lower Upper
77 100
182 24.8 7.5 47.5
105 21.6 2.1 42.1
51 32.2 9.6 49.6

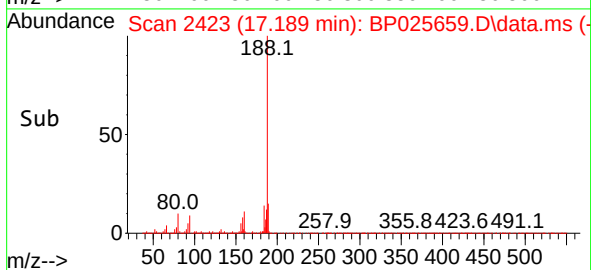
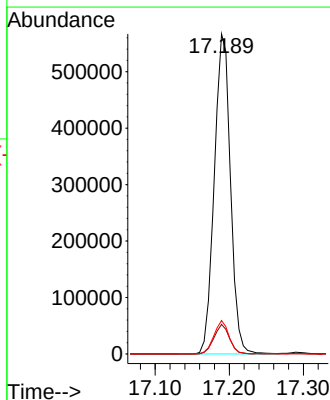
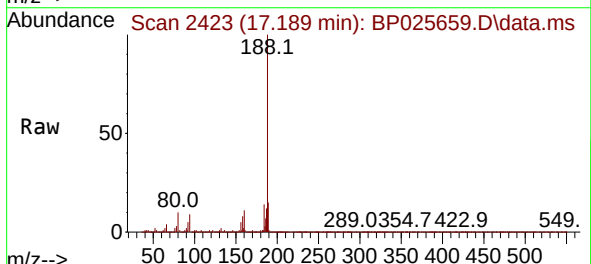
Manual Integrations
APPROVED

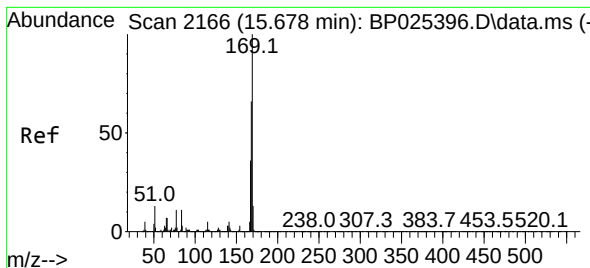
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2423
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

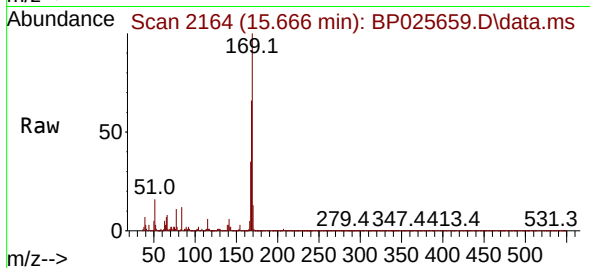
Tgt Ion:188 Resp: 858681
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 10.5 6.7 10.1





#66
n-Nitrosodiphenylamine
Concen: 4.524 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.012 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

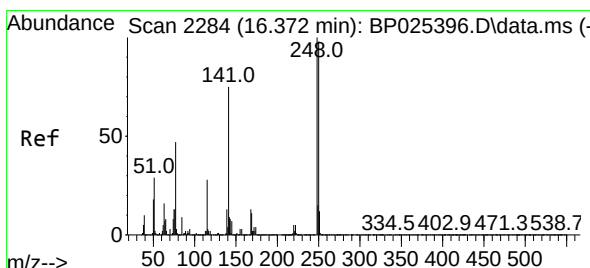
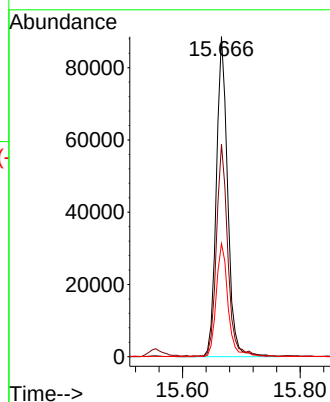
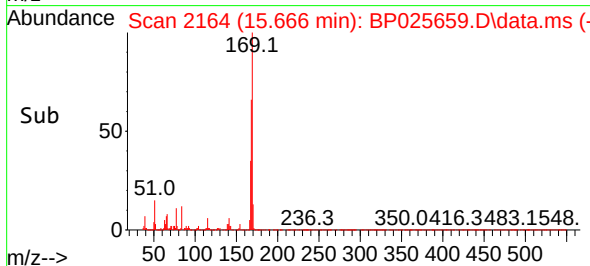
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025



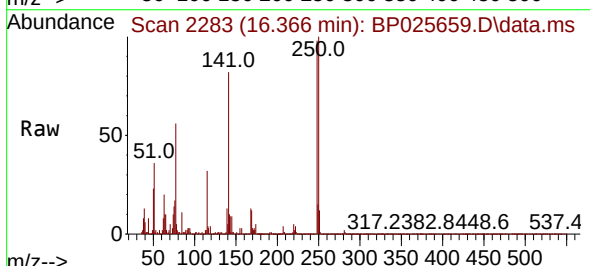
Tgt Ion:169 Resp: 11845
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 35.3 28.7 43.1

Manual Integrations
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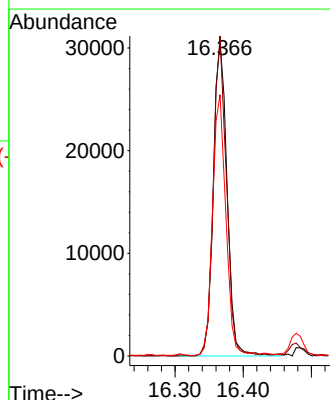
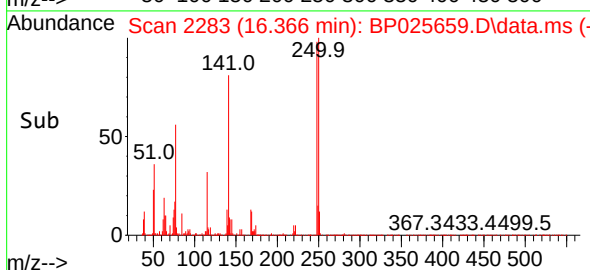
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

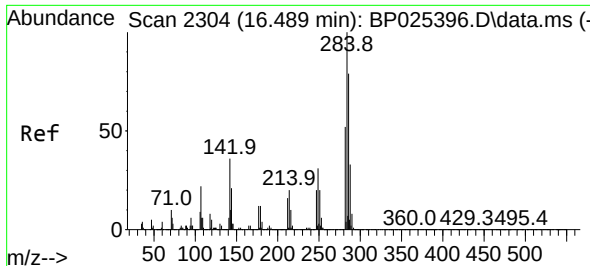


#67
4-Bromophenyl-phenylether
Concen: 4.570 ng
RT: 16.366 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06



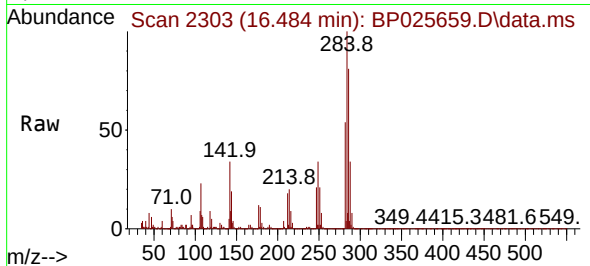
Tgt Ion:248 Resp: 43159
Ion Ratio Lower Upper
248 100
250 102.1 78.2 117.2
141 83.4 59.6 89.4





#68
Hexachlorobenzene
Concen: 4.590 ng
RT: 16.484 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

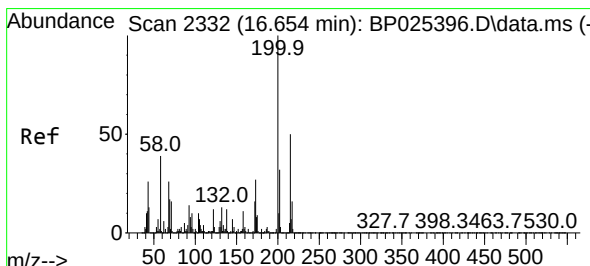
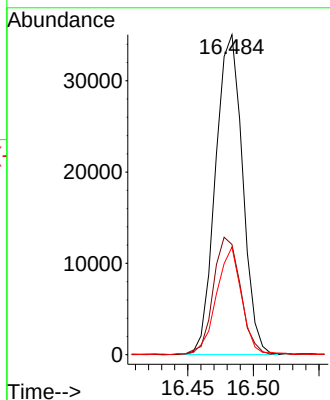
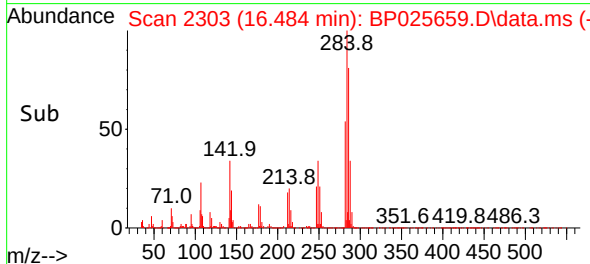
Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025



Tgt Ion:284 Resp: 5025
Ion Ratio Lower Upper
284 100
142 34.5 29.1 43.7
249 33.6 25.0 37.4

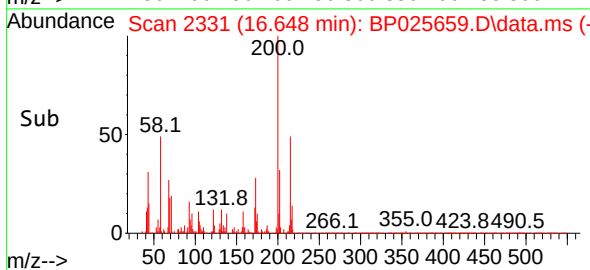
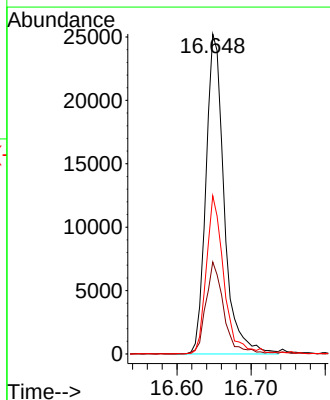
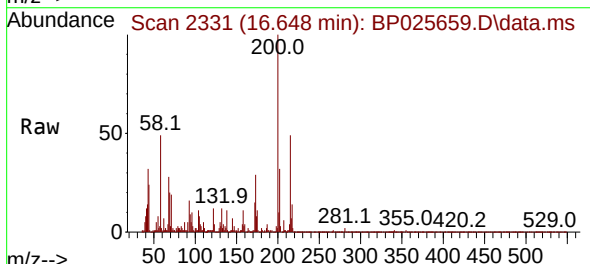
Manual Integrations
APPROVED

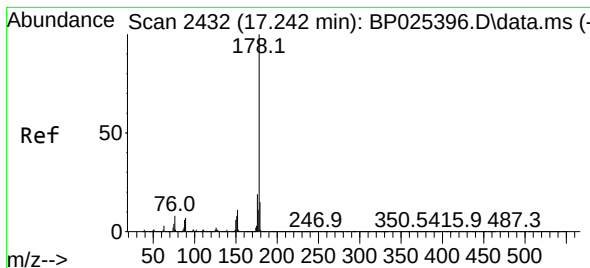
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#69
Atrazine
Concen: 4.399 ng
RT: 16.648 min Scan# 2331
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:200 Resp: 43134
Ion Ratio Lower Upper
200 100
173 28.7 6.7 46.7
215 49.4 29.7 69.7





#71

Phenanthrene

Concen: 4.555 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

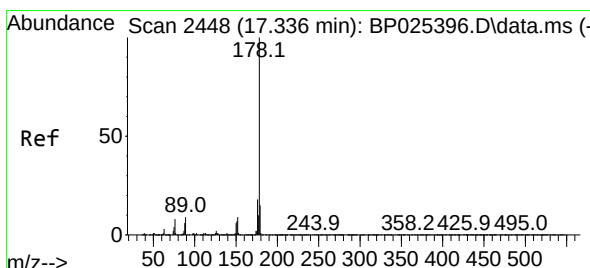
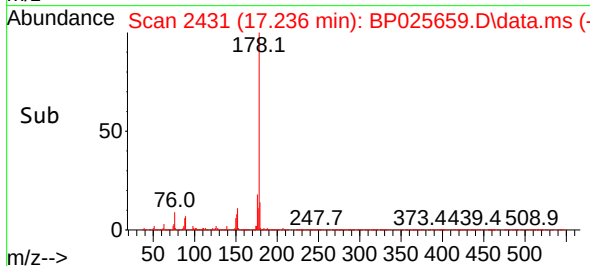
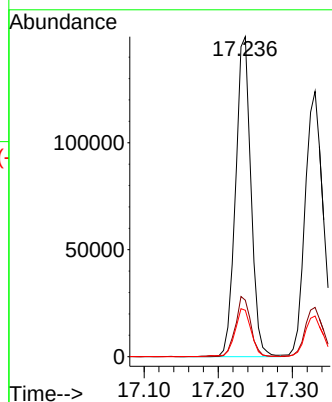
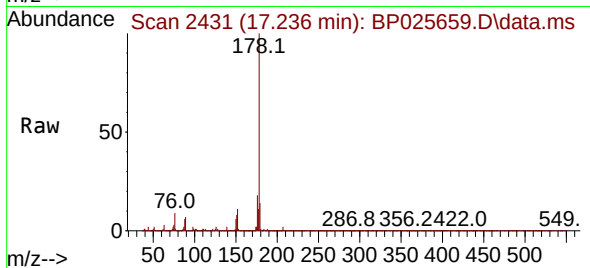
Tgt Ion:178 Resp: 214879
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.5 23.3
 179 14.5 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#72

Anthracene

Concen: 4.451 ng

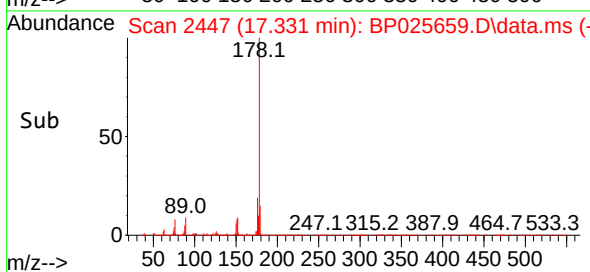
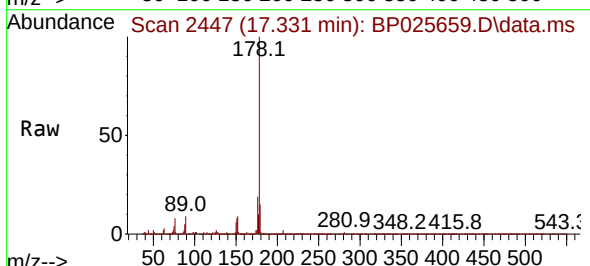
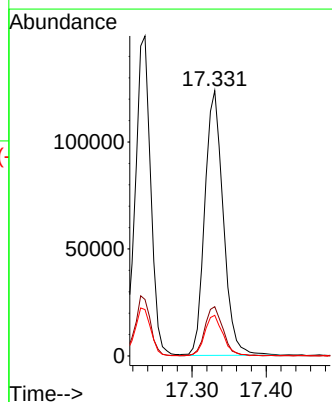
RT: 17.331 min Scan# 2447

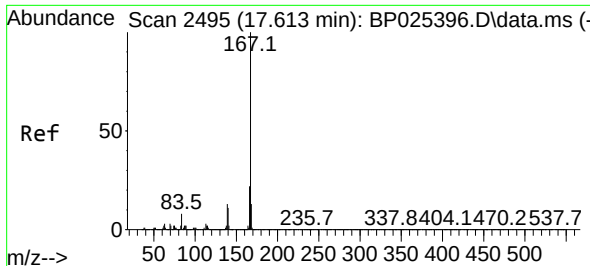
Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

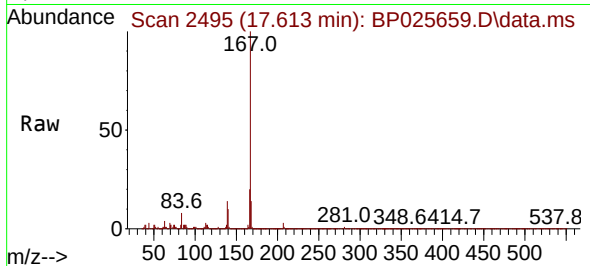
Tgt Ion:178 Resp: 214393
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.7 22.1
 179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 4.200 ng
 RT: 17.613 min Scan# 2495
 Delta R.T. 0.000 min
 Lab File: BP025659.D
 Acq: 04 Sep 2025 14:06

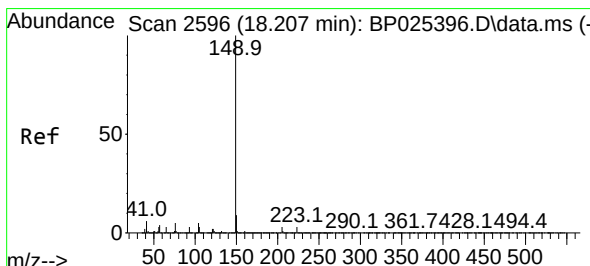
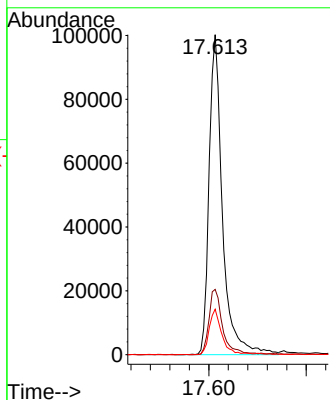
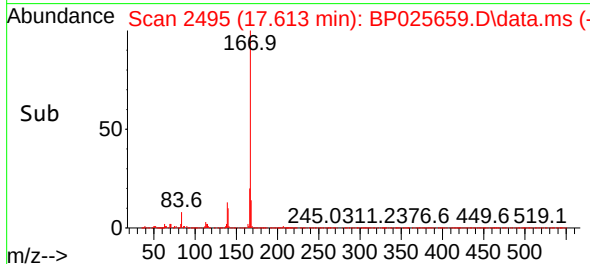
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



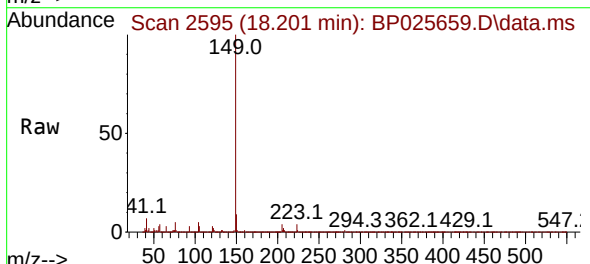
Tgt Ion:167 Resp: 190582
 Ion Ratio Lower Upper
 167 100
 166 20.4 17.5 26.3
 139 14.2 10.6 16.0

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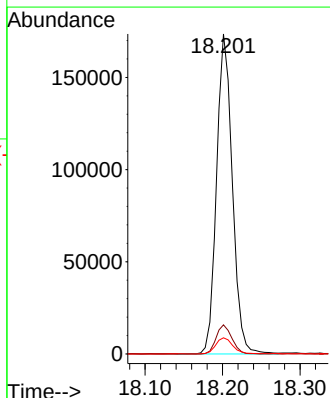
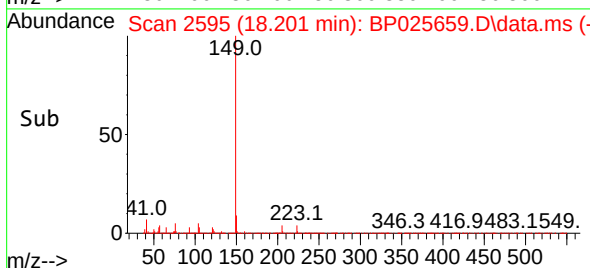
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

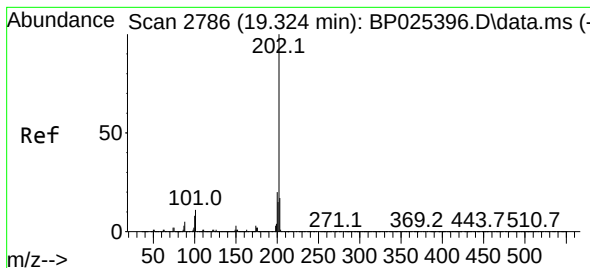


#74
 Di-n-butylphthalate
 Concen: 4.405 ng
 RT: 18.201 min Scan# 2595
 Delta R.T. -0.006 min
 Lab File: BP025659.D
 Acq: 04 Sep 2025 14:06



Tgt Ion:149 Resp: 245902
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.1 4.2 6.2





#75

Fluoranthene

Concen: 4.417 ng

RT: 19.331 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

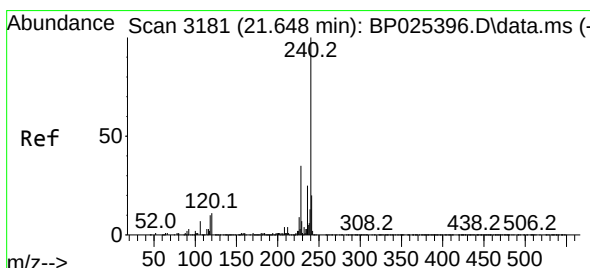
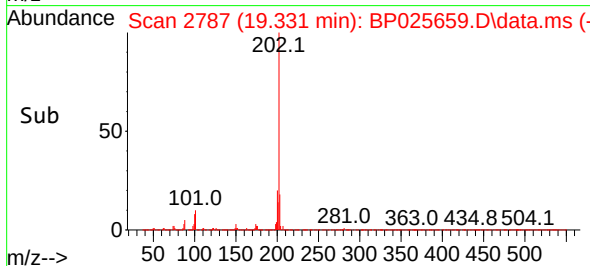
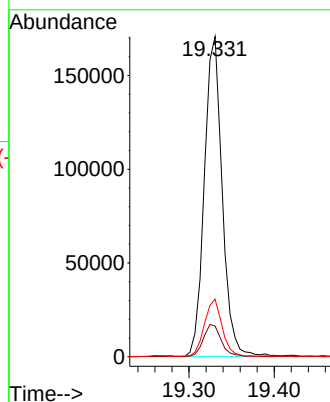
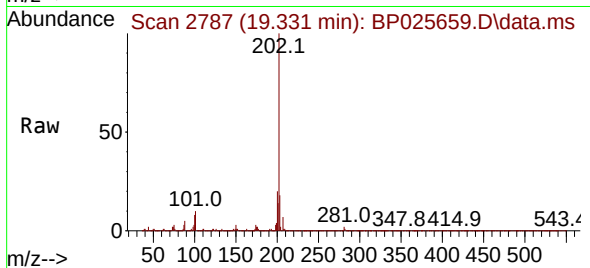
Tgt Ion:	202	Resp:	248530
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	31.1
203	18.0	0.0	37.3

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#76

Chrysene-d12

Concen: 20.000 ng

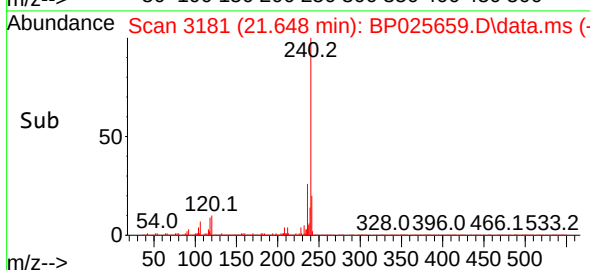
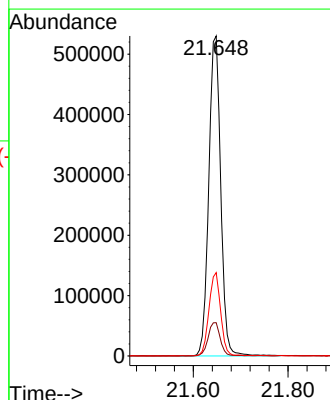
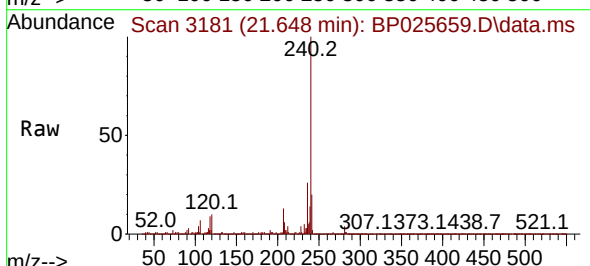
RT: 21.648 min Scan# 3181

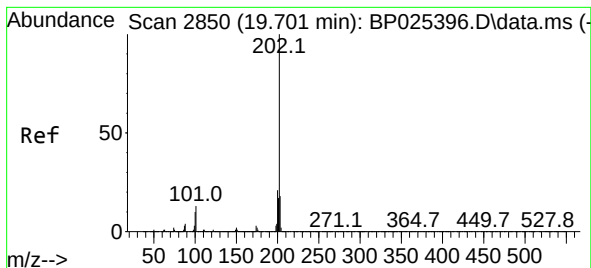
Delta R.T. 0.000 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Tgt Ion:	240	Resp:	928786
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.9	13.3
236	26.1	19.8	29.8





#78

Pyrene

Concen: 4.350 ng

RT: 19.701 min Scan# 2850

Delta R.T. 0.000 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

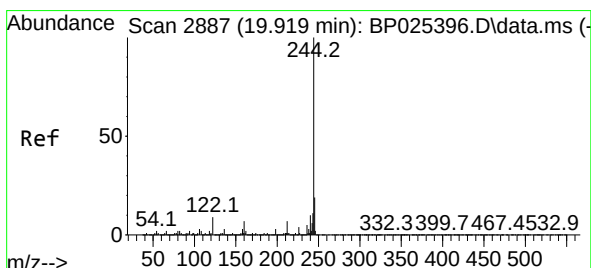
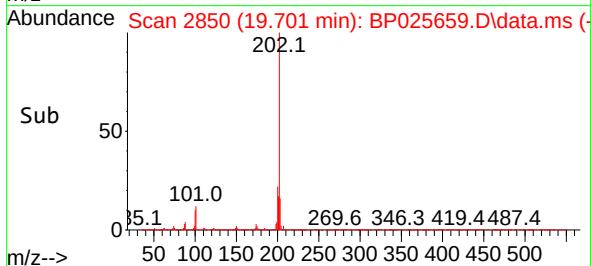
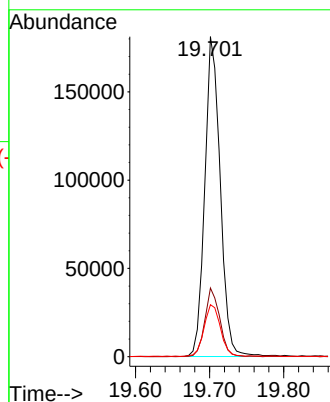
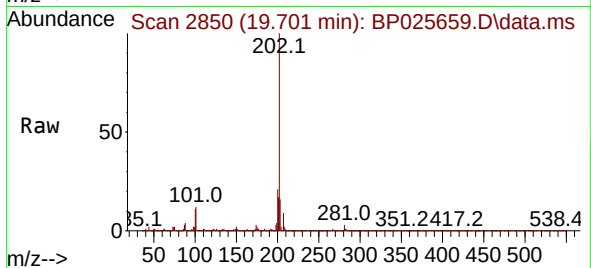
Tgt Ion:	202	Resp:	26257
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	16.3	14.2	21.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#79

Terphenyl-d14

Concen: 78.424 ng

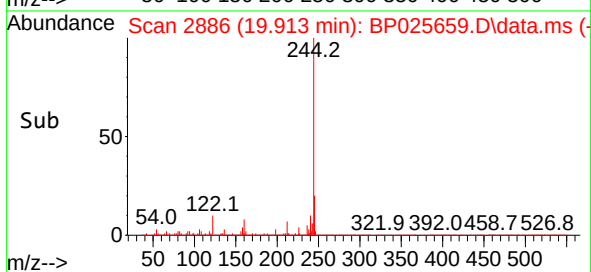
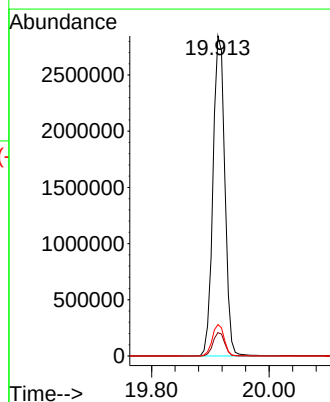
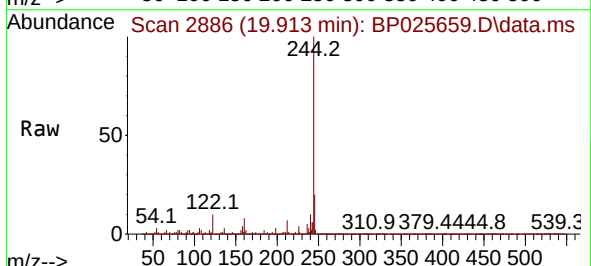
RT: 19.913 min Scan# 2886

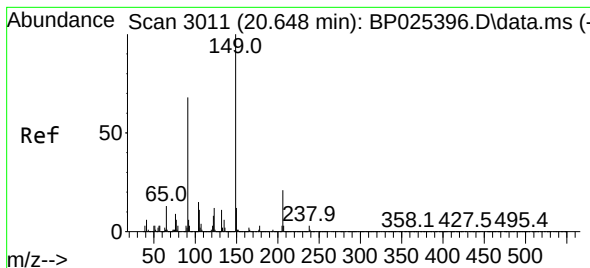
Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Tgt Ion:	244	Resp:	3981185
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.8	8.6
122	9.8	7.4	11.2





#80

Butylbenzylphthalate

Concen: 4.234 ng

RT: 20.642 min Scan# 3011

Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

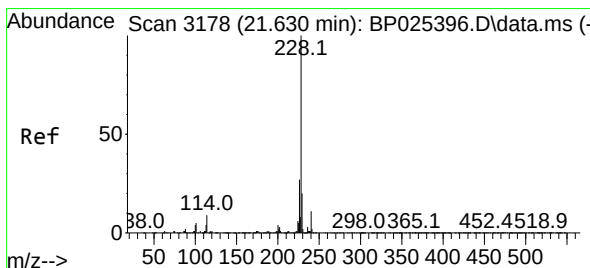
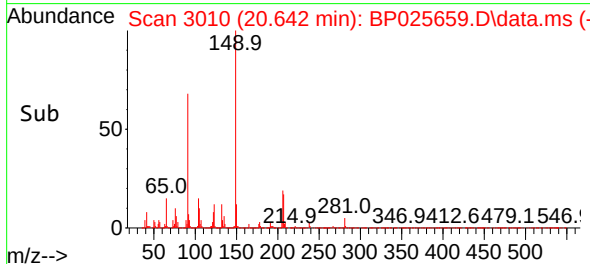
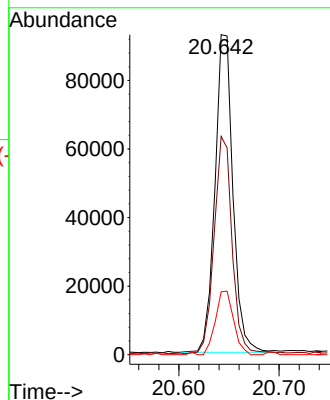
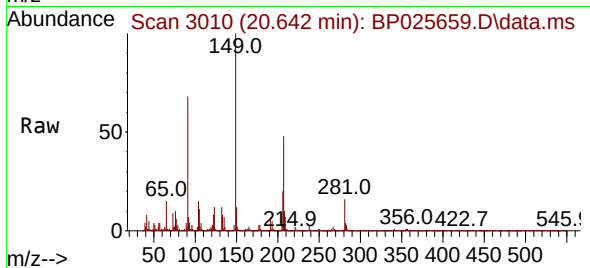
Tgt Ion:149	Resp: 11584
Ion Ratio	Lower Upper
149 100	
91 68.2	54.2 81.2
206 19.6	16.6 24.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#81

Benzo(a)anthracene

Concen: 4.382 ng

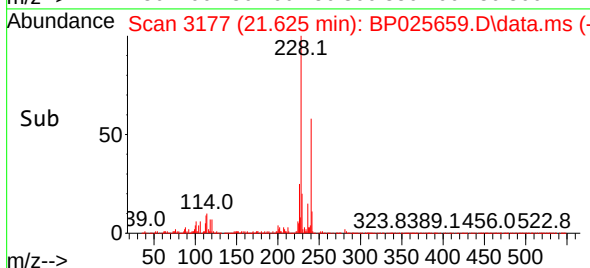
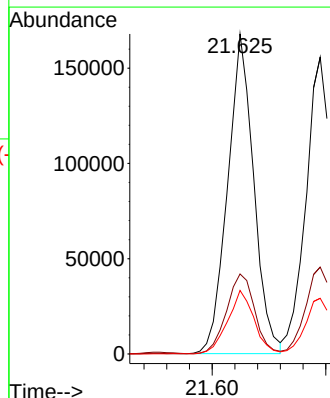
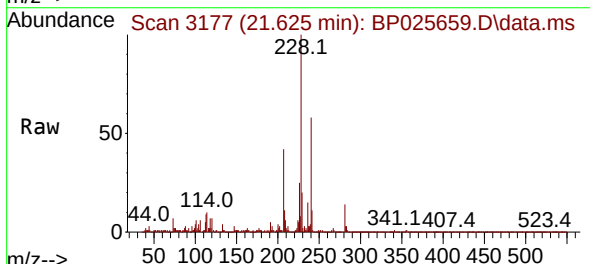
RT: 21.625 min Scan# 3177

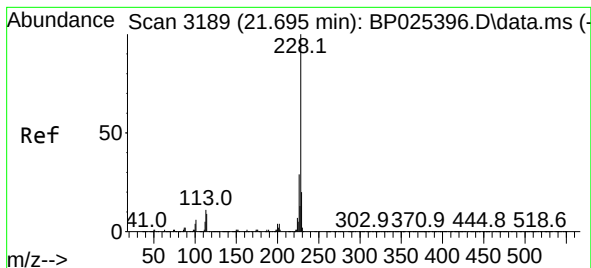
Delta R.T. -0.006 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Tgt Ion:228	Resp: 268429
Ion Ratio	Lower Upper
228 100	
226 25.0	21.7 32.5
229 19.9	15.6 23.4





#83

Chrysene

Concen: 4.608 ng

RT: 21.695 min Scan# 3189

Delta R.T. 0.000 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

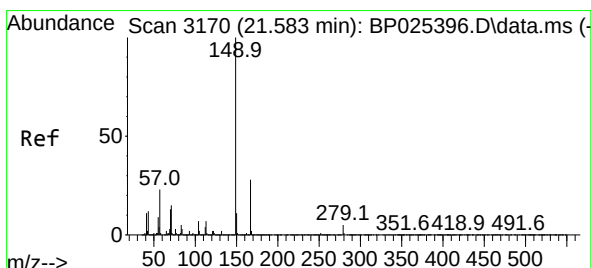
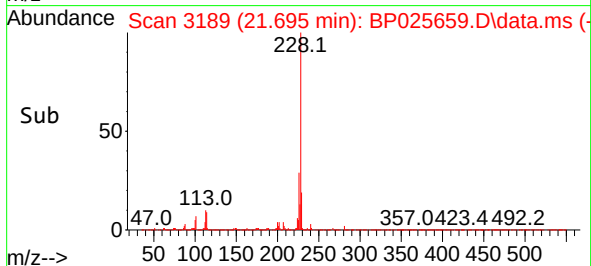
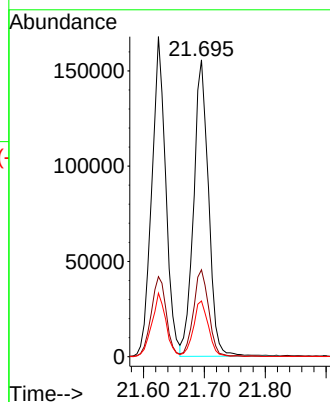
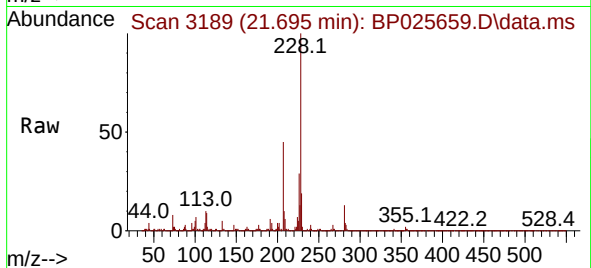
Tgt Ion:228	Resp: 264349
Ion Ratio	Lower Upper
228 100	
226 29.3	23.2 34.8
229 18.8	15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.354 ng

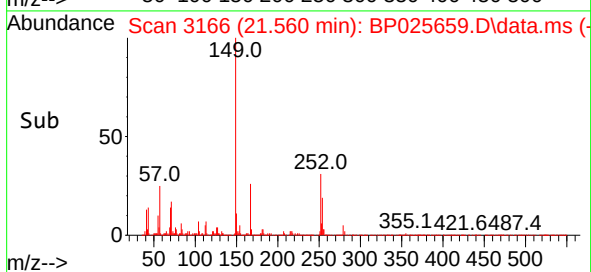
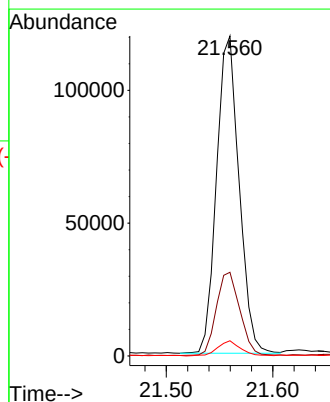
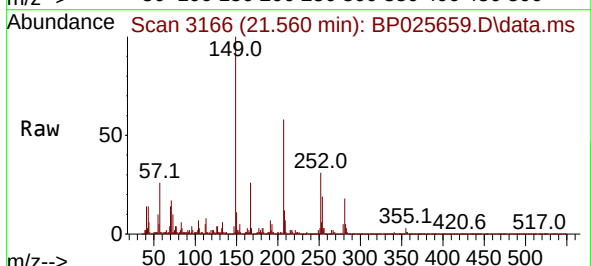
RT: 21.560 min Scan# 3166

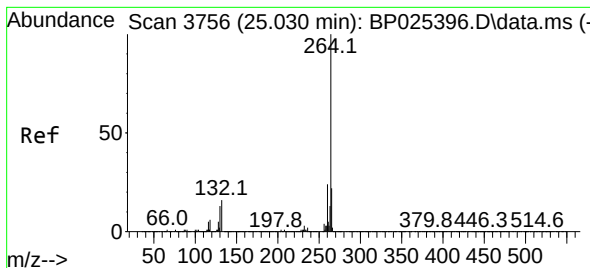
Delta R.T. -0.023 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Tgt Ion:149	Resp: 175341
Ion Ratio	Lower Upper
149 100	
167 26.2	22.1 33.1
279 4.8	3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.013 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

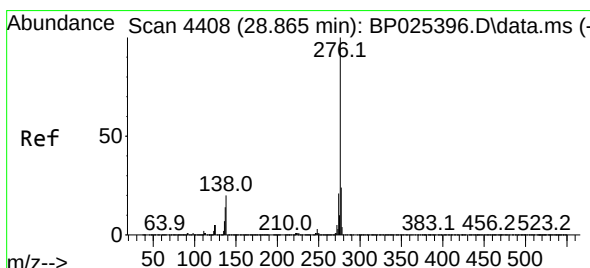
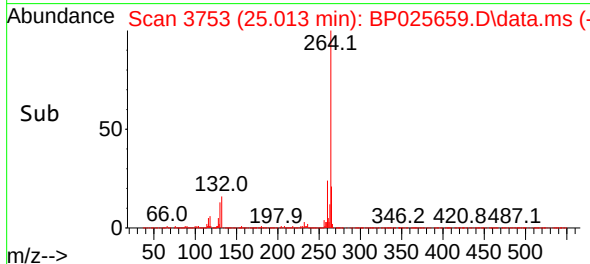
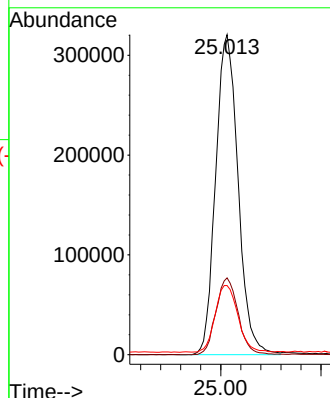
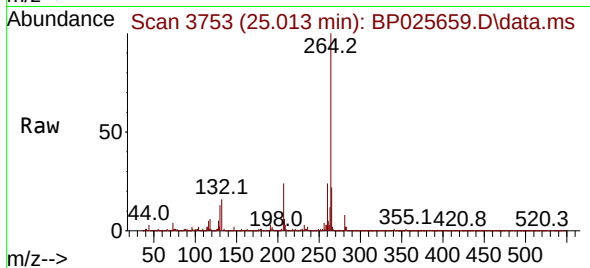
Tgt Ion:264	Resp: 995879
Ion Ratio	Lower Upper
264 100	
260 24.0	19.3 28.9
265 21.6	17.4 26.0

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.059 ng

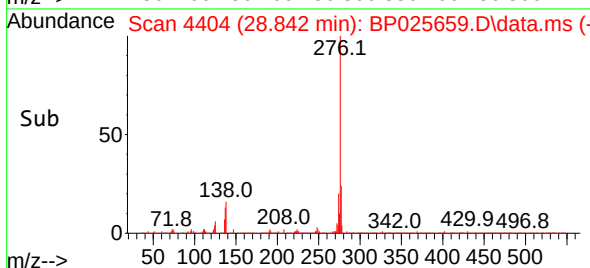
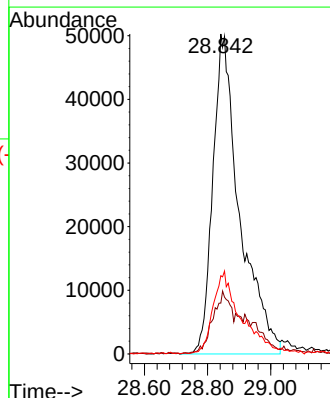
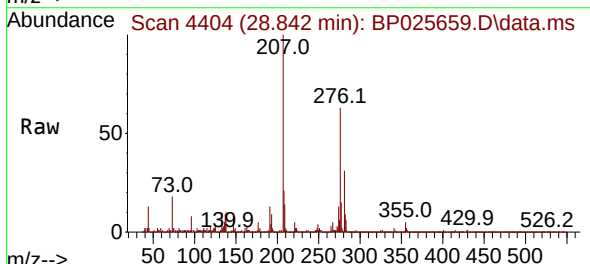
RT: 28.842 min Scan# 4404

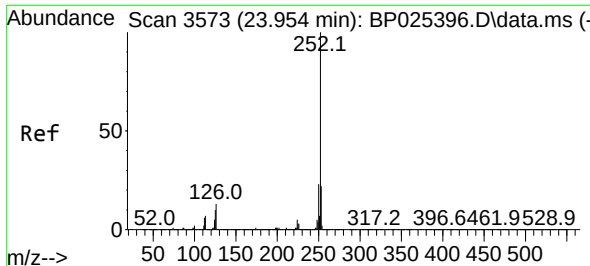
Delta R.T. -0.023 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

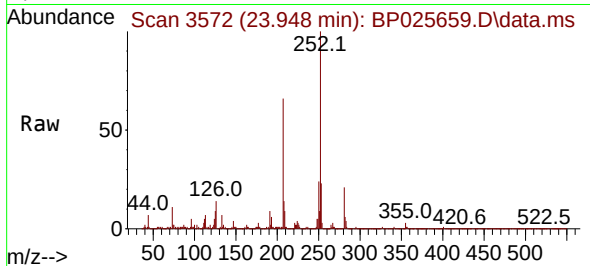
Tgt Ion:276	Resp: 296458
Ion Ratio	Lower Upper
276 100	
138 13.0	12.9 19.3
277 26.1	17.0 25.6





#88
Benzo(b)fluoranthene
Concen: 4.404 ng
RT: 23.948 min Scan# 3572
Delta R.T. -0.006 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

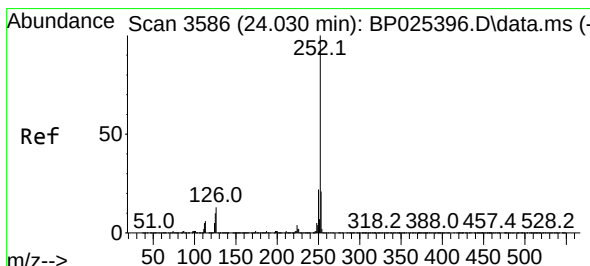
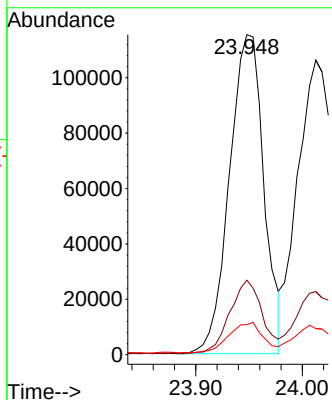
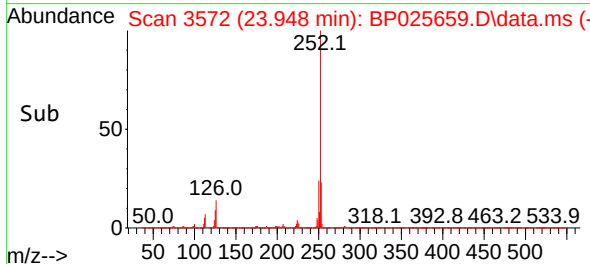
Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT3-2025



Tgt Ion:252 Resp: 258604
Ion Ratio Lower Upper
252 100
253 23.3 17.7 26.5
125 9.4 7.9 11.9

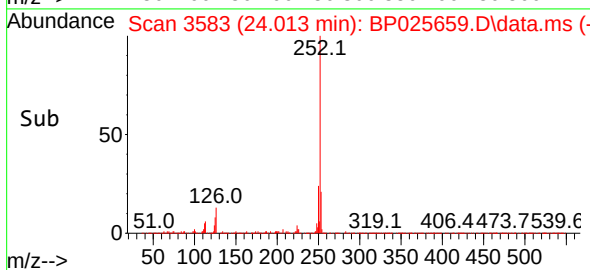
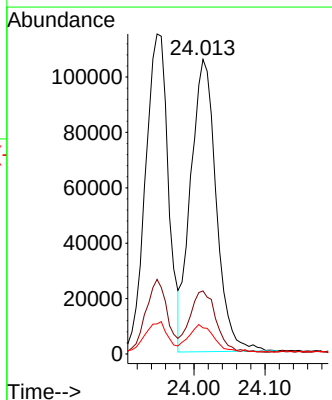
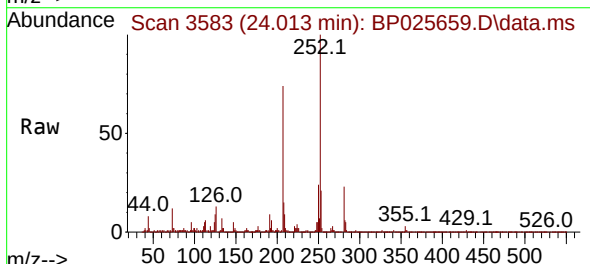
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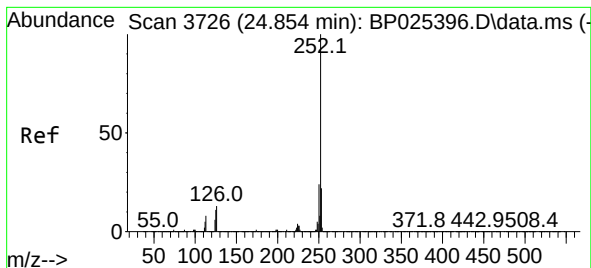
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#89
Benzo(k)fluoranthene
Concen: 4.486 ng
RT: 24.013 min Scan# 3583
Delta R.T. -0.018 min
Lab File: BP025659.D
Acq: 04 Sep 2025 14:06

Tgt Ion:252 Resp: 263611
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 8.8 7.8 11.6





#90

Benzo(a)pyrene

Concen: 4.369 ng

RT: 24.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT3-2025

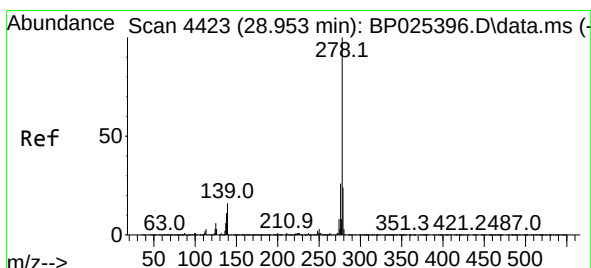
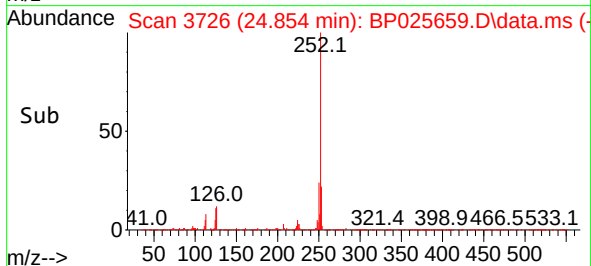
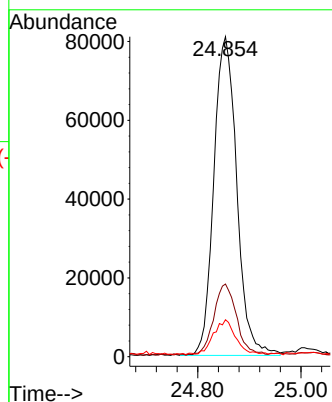
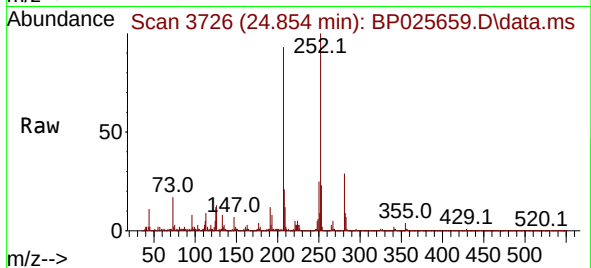
Tgt Ion:	252	Resp:	249774
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	11.6	8.7	13.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#91

Dibenzo(a,h)anthracene

Concen: 4.096 ng

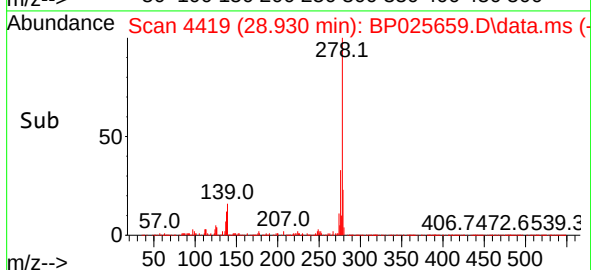
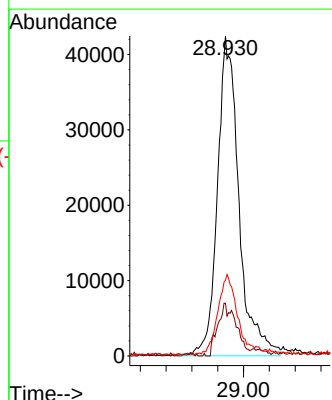
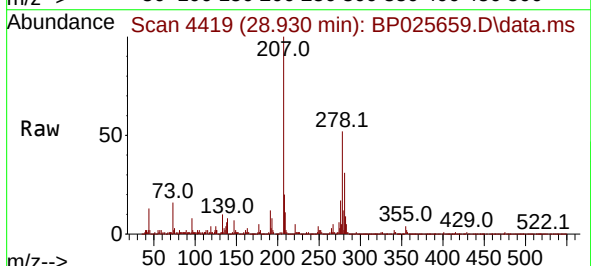
RT: 28.930 min Scan# 4419

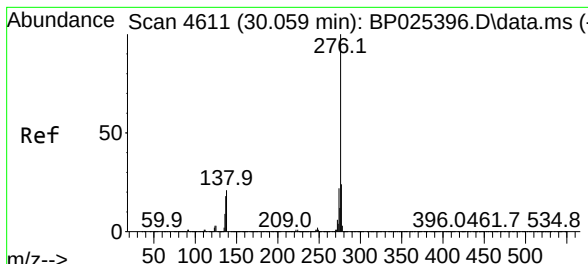
Delta R.T. -0.023 min

Lab File: BP025659.D

Acq: 04 Sep 2025 14:06

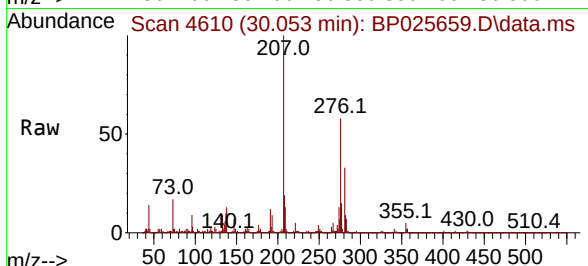
Tgt Ion:	278	Resp:	244483
Ion Ratio	Lower	Upper	
278	100		
139	16.4	13.0	19.4
279	23.7	19.4	29.2





#92
 Benzo(g,h,i)perylene
 Concen: 4.133 ng
 RT: 30.053 min Scan# 40
 Delta R.T. -0.006 min
 Lab File: BP025659.D
 Acq: 04 Sep 2025 14:06

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT3-2025



Tgt Ion:	276	Resp:	24247
Ion Ratio	Lower	Upper	
276	100		
277	25.1	19.4	29.0
138	22.6	16.7	25.1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

