

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
 Data File : BP026157.D
 Acq On : 19 Nov 2025 12:57
 Operator : RC/JU
 Sample : Q3530-02
 Misc : LOQ-SOIL- 5ng
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-SOIL-02-QT4-2025

Quant Time: Nov 19 13:17:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 01:25:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

11/20/2025
 Supervised By :Sohil
 Jodhani

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	245508	20.000	ng	0.00
21) Naphthalene-d8	10.443	136	1010254	20.000	ng	0.00
39) Acenaphthene-d10	14.301	164	680254	20.000	ng	-0.02
64) Phenanthrene-d10	17.113	188	1433456	20.000	ng	-0.02
76) Chrysene-d12	21.566	240	1573718	20.000	ng	0.00
86) Perylene-d12	24.895	264	1721658	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1730129	113.113	ng	0.00
7) Phenol-d6	6.849	99	2224992	114.263	ng	0.00
23) Nitrobenzene-d5	8.807	82	1442111	81.084	ng	0.00
42) 2,4,6-Tribromophenol	15.819	330	1005804	113.978	ng	-0.02
45) 2-Fluorobiphenyl	12.913	172	3658758	78.827	ng	-0.02
79) Terphenyl-d14	19.860	244	6108373	79.146	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.225	88	28952	4.667	ng	92
3) Pyridine	3.619	79	71403	3.983	ng	97
6) Aniline	7.002	93	109174	4.246	ng	98
8) 2-Chlorophenol	7.243	128	72636	4.172	ng	91
10) Phenol	6.872	94	87538	4.173	ng	82
11) bis(2-Chloroethyl)ether	7.102	93	66765	4.065	ng	99
12) 1,3-Dichlorobenzene	7.560	146	81284	4.333	ng	98
13) 1,4-Dichlorobenzene	7.707	146	81999	4.338	ng	98
14) 1,2-Dichlorobenzene	8.019	146	79993	4.407	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.190	45	96666	4.191	ng	99
17) 2-Methylphenol	8.113	107	54341	3.805	ng	97
18) Hexachloroethane	8.737	117	28223	4.104	ng	96
19) n-Nitroso-di-n-propyla...	8.460	70	50305	4.158	ng	99
22) Acetophenone	8.478	105	107884	4.201	ng	# 99
24) Nitrobenzene	8.849	77	80565	4.478	ng	97
25) Isophorone	9.378	82	144472	4.097	ng	99
26) 2-Nitrophenol	9.554	139	29789	3.272	ng	# 90
27) 2,4-Dimethylphenol	9.619	122	61872	3.769	ng	96
28) bis(2-Chloroethoxy)met...	9.854	93	91087	4.125	ng	96
29) 2,4-Dichlorophenol	10.090	162	61394	3.742	ng	97
30) 1,2,4-Trichlorobenzene	10.301	180	73209	4.382	ng	99
31) Naphthalene	10.490	128	228784	4.190	ng	98
33) 4-Chloroaniline	10.590	127	92553	3.986	ng	98
34) Hexachlorobutadiene	10.784	225	44393	4.086	ng	99
36) 4-Chloro-3-methylphenol	11.725	107	65217	3.740	ng	95
37) 2-Methylnaphthalene	12.107	142	146141	3.776	ng	99
38) 1-Methylnaphthalene	12.325	142	154822	4.092	ng	97
40) 1,2,4,5-Tetrachloroben...	12.472	216	85300	4.147	ng	99
43) 2,4,6-Trichlorophenol	12.719	196	51280	3.636	ng	100
44) 2,4,5-Trichlorophenol	12.790	196	58587	3.722	ng	98
46) 1,1'-Biphenyl	13.125	154	220083	4.297	ng	99
47) 2-Chloronaphthalene	13.160	162	165114	4.099	ng	99
48) 2-Nitroaniline	13.360	65	37906	3.384	ng	90
49) Acenaphthylene	14.019	152	263981	3.973	ng	99
50) Dimethylphthalate	13.754	163	207373	4.082	ng	99
51) 2,6-Dinitrotoluene	13.866	165	37948	3.769	ng	91

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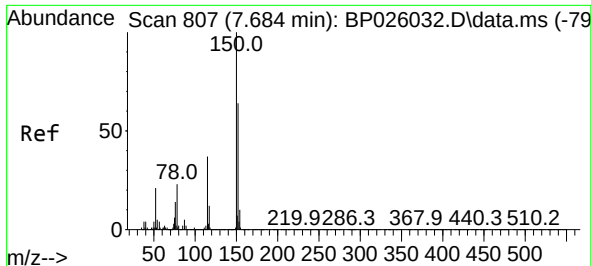
Manual Integrations APPROVED

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 Upadhyay

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 Jodhani

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.372	154	161328	4.143	ng	97
53) 3-Nitroaniline	14.201	138	40504	3.417	ng	# 96
55) Dibenzofuran	14.707	168	260083	4.313	ng	99
57) 2,4-Dinitrotoluene	14.666	165	47835	3.182	ng	# 94
58) Fluorene	15.372	166	212122	4.450	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.942	232	52103	3.902	ng	99
60) Diethylphthalate	15.142	149	207369	4.052	ng	98
61) 4-Chlorophenyl-phenyle...	15.366	204	103310	4.356	ng	97
62) 4-Nitroaniline	15.378	138	40838	3.318	ng	97
63) Azobenzene	15.666	77	173349	4.017	ng	99
66) n-Nitrosodiphenylamine	15.583	169	181116	4.084	ng	99
67) 4-Bromophenyl-phenylether	16.278	248	61699	3.887	ng	99
68) Hexachlorobenzene	16.395	284	74289	4.033	ng	97
69) Atrazine	16.560	200	62490	3.737	ng	99
71) Phenanthrene	17.148	178	339008	4.198	ng	100
72) Anthracene	17.242	178	332681	4.039	ng	100
73) Carbazole	17.525	167	317809	4.063	ng	98
74) Di-n-butylphthalate	18.130	149	334178	3.603	ng	99
75) Fluoranthene	19.248	202	401728	4.095	ng	98
78) Pyrene	19.630	202	431040	4.177	ng	98
80) Butylbenzylphthalate	20.601	149	149385	3.287	ng	97
81) Benzo(a)anthracene	21.542	228	450071	4.164	ng	99
83) Chrysene	21.613	228	435769	4.278	ng	99
84) Bis(2-ethylhexyl)phtha...	21.513	149	231702	3.368	ng	98
87) Indeno(1,2,3-cd)pyrene	28.659	276	502050m	3.888	ng	
88) Benzo(b)fluoranthene	23.848	252	428132	4.083	ng	99
89) Benzo(k)fluoranthene	23.918	252	431716	4.122	ng	99
90) Benzo(a)pyrene	24.742	252	402917	4.057	ng	99
91) Dibenzo(a,h)anthracene	28.753	278	409616	3.875	ng	98
92) Benzo(g,h,i)perylene	29.812	276	409345	3.896	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. 0.000 min
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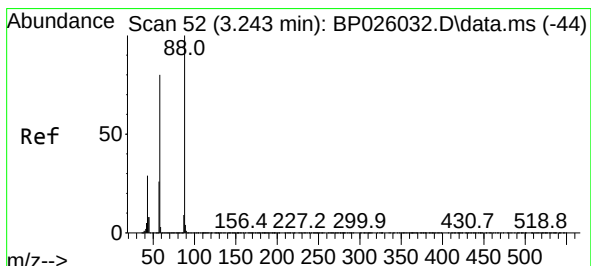
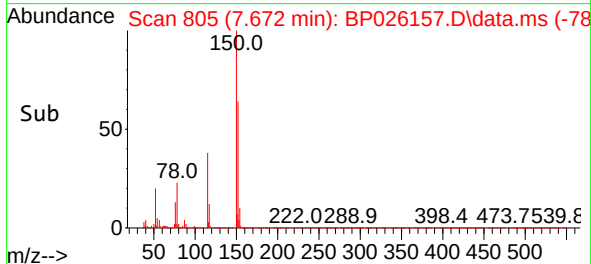
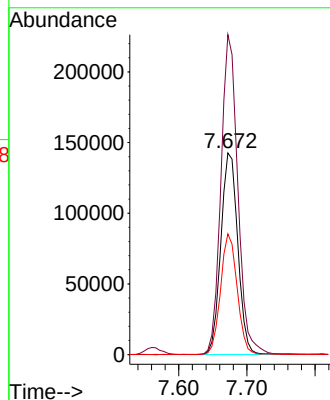
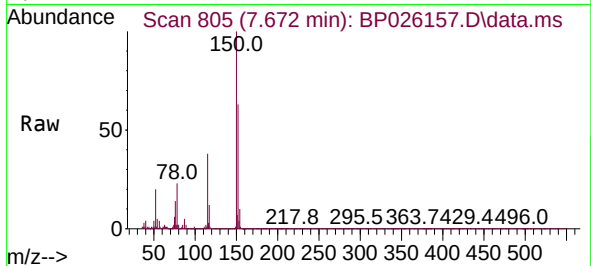
Tgt Ion:152 Resp: 245508
Ion Ratio Lower Upper
152 100
150 158.6 123.0 184.6
115 59.8 46.3 69.5

Manual Integrations
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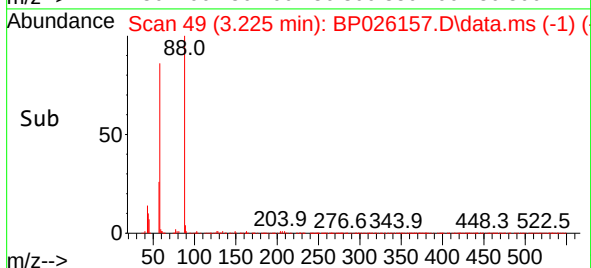
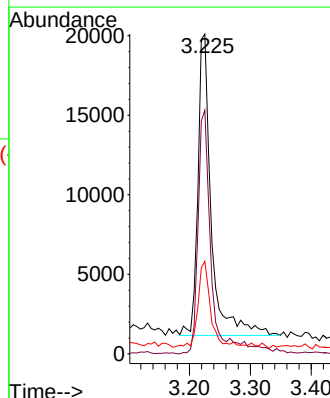
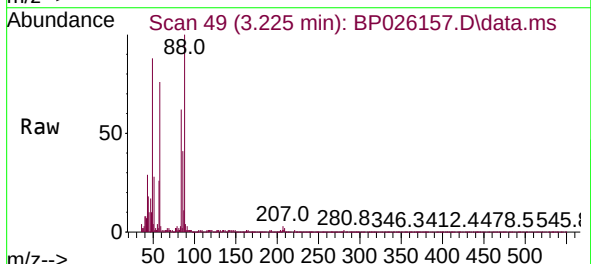
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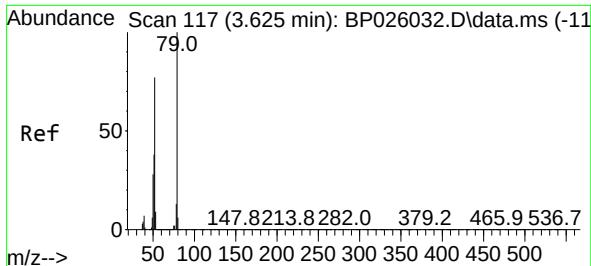
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#2
1,4-Dioxane
Concen: 4.667 ng
RT: 3.225 min Scan# 49
Delta R.T. 0.000 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

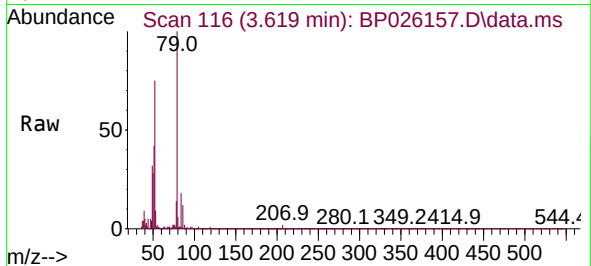
Tgt Ion: 88 Resp: 28952
Ion Ratio Lower Upper
88 100
58 71.5 64.2 96.4
43 25.6 21.5 32.3





#3
Pyridine
Concen: 3.983 ng
RT: 3.619 min Scan# 117
Delta R.T. 0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



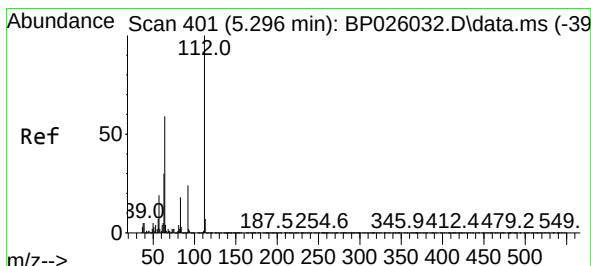
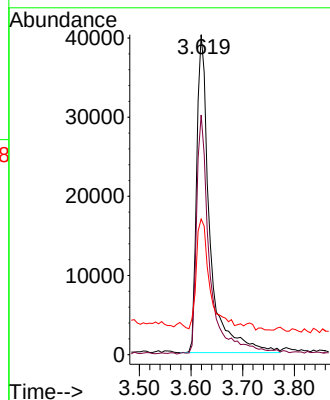
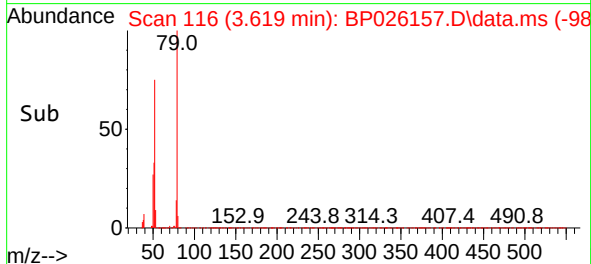
Tgt Ion: 79 Resp: 71403
Ion Ratio Lower Upper
79 100
52 74.9 60.2 90.2
51 42.4 29.5 44.3

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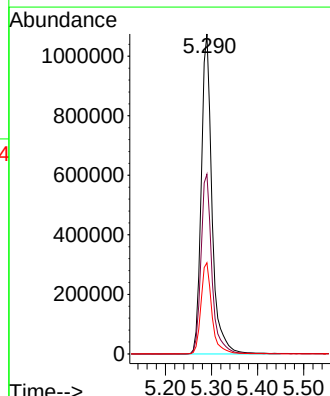
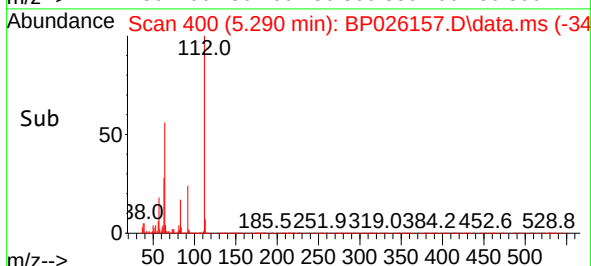
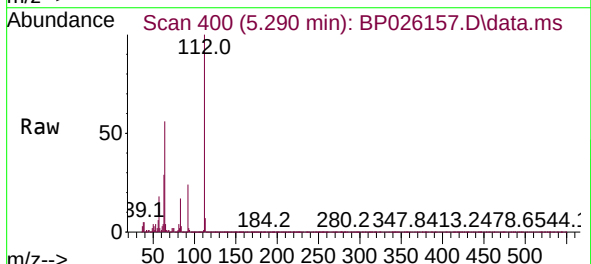
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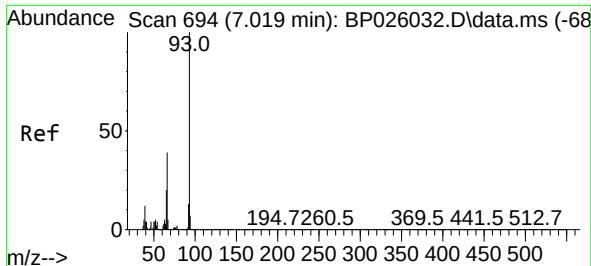
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#5
2-Fluorophenol
Concen: 113.113 ng
RT: 5.290 min Scan# 400
Delta R.T. 0.000 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

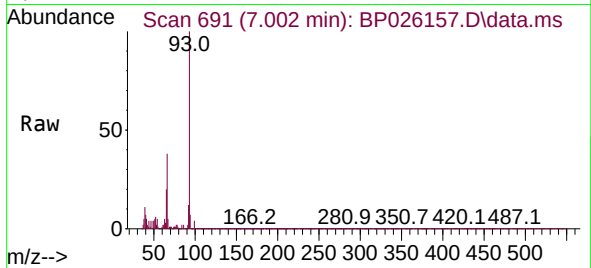
Tgt Ion:112 Resp: 1730129
Ion Ratio Lower Upper
112 100
64 56.1 45.8 68.6
63 28.5 23.5 35.3





#6
Aniline
Concen: 4.246 ng
RT: 7.002 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



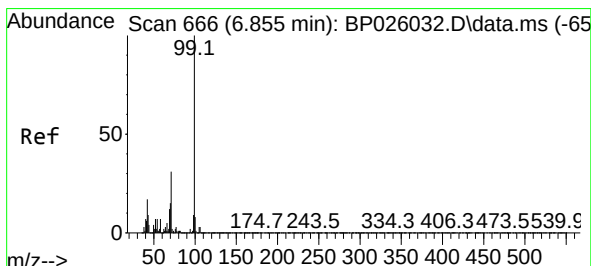
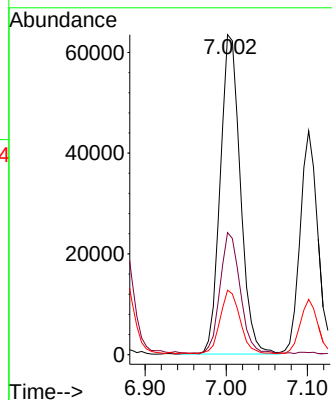
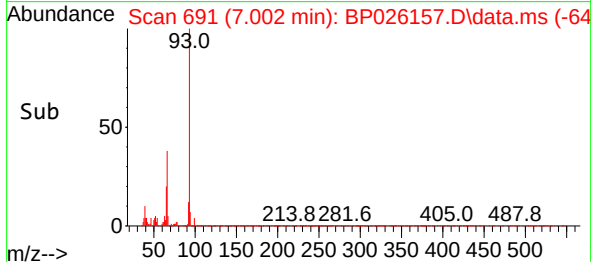
Tgt Ion: 93 Resp: 109174
Ion Ratio Lower Upper
93 100
66 38.1 31.7 47.5
65 20.1 15.8 23.6

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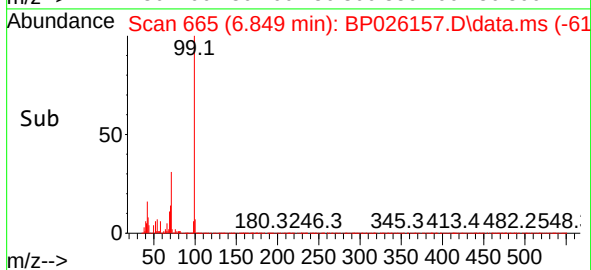
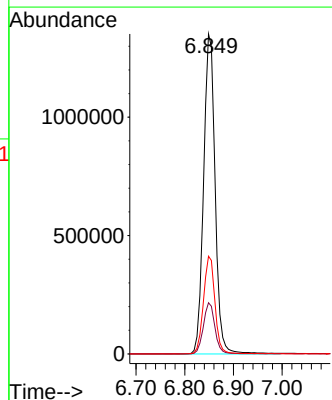
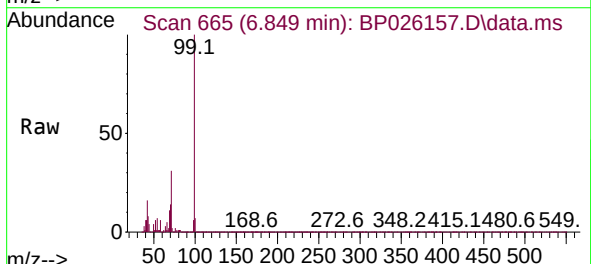
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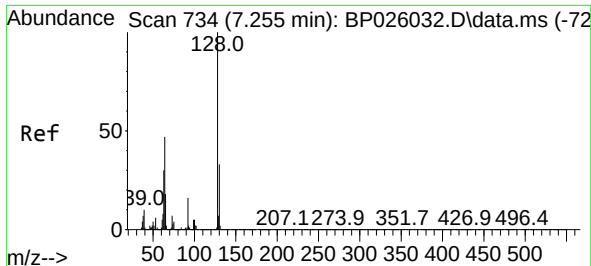
11/20/2025



#7
Phenol-d6
Concen: 114.263 ng
RT: 6.849 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion: 99 Resp: 2224992
Ion Ratio Lower Upper
99 100
42 16.0 12.9 19.3
71 30.5 24.8 37.2





#8
2-Chlorophenol
Concen: 4.172 ng
RT: 7.243 min Scan# 734
Delta R.T. 0.000 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

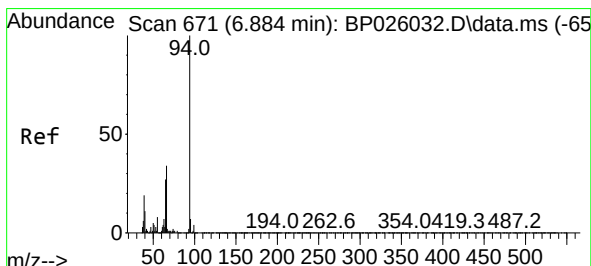
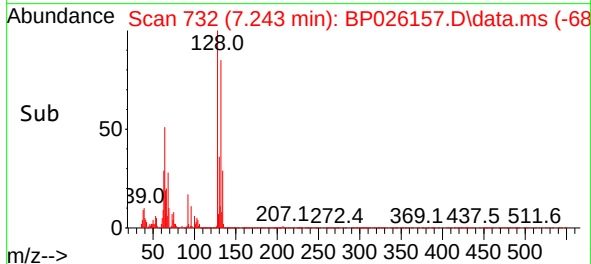
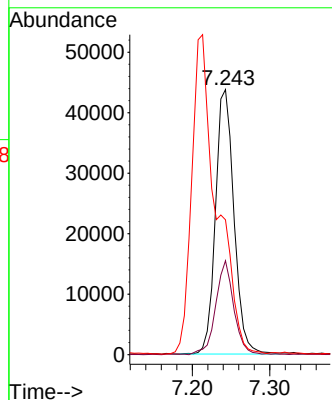
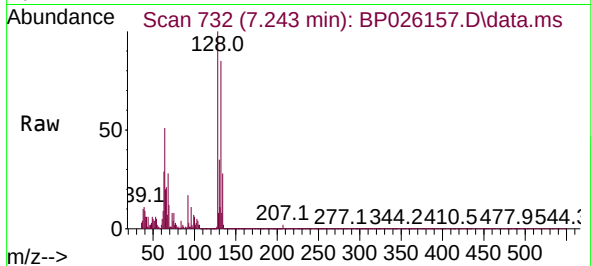
Tgt Ion:128 Resp: 72636
Ion Ratio Lower Upper
128 100
130 35.4 12.4 52.4
64 50.9 23.9 63.9

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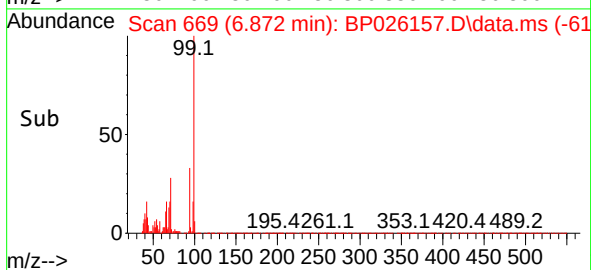
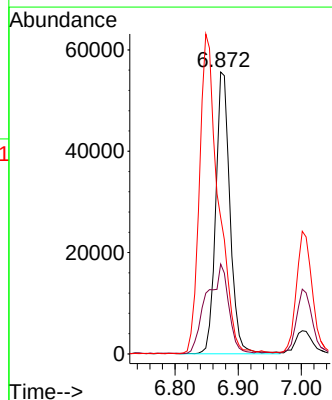
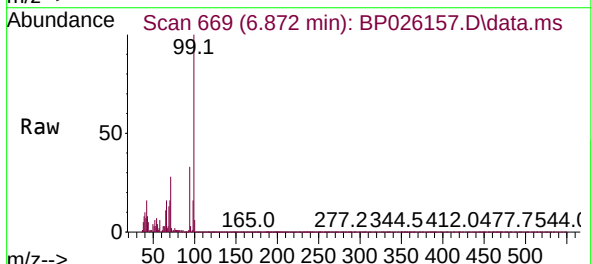
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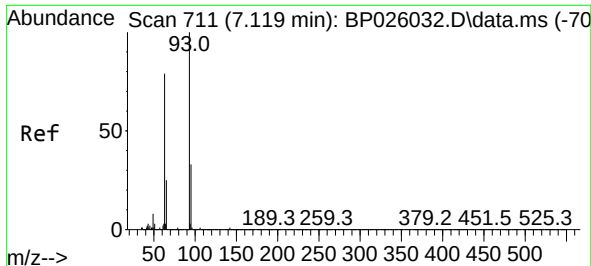
11/20/2025



#10
Phenol
Concen: 4.173 ng
RT: 6.872 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion: 94 Resp: 87538
Ion Ratio Lower Upper
94 100
65 31.9 7.0 47.0
66 48.4 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 4.065 ng
RT: 7.102 min Scan# 708
Delta R.T. 0.006 min
Lab File: BP026157.D
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LOQ-SOIL-02-QT4-2025

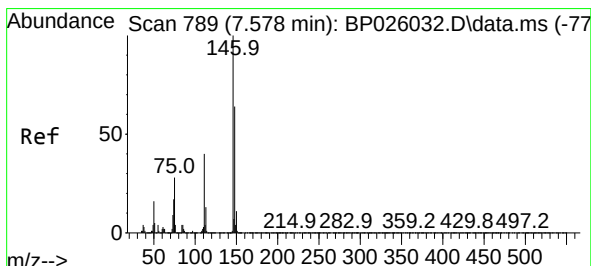
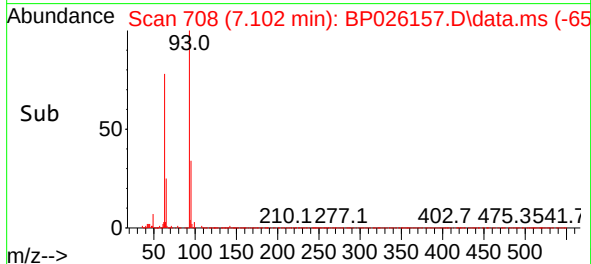
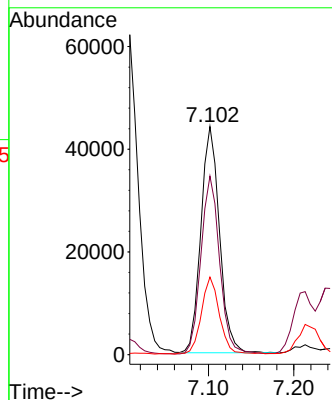
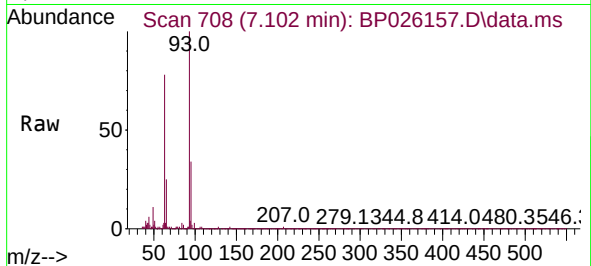
Tgt Ion: 93 Resp: 66765
Ion Ratio Lower Upper
93 100
63 78.2 58.8 98.8
95 34.0 12.1 52.1

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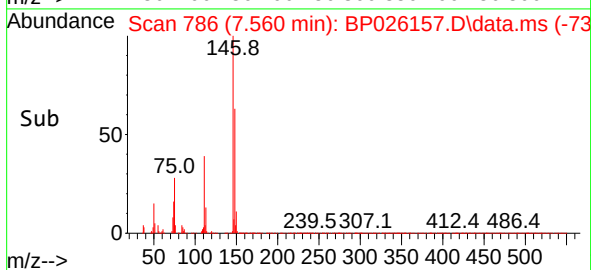
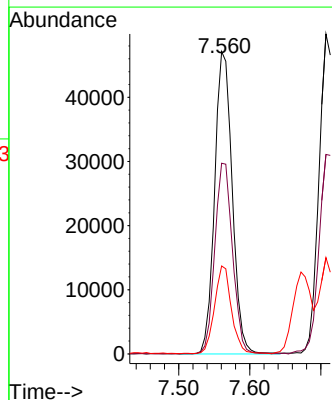
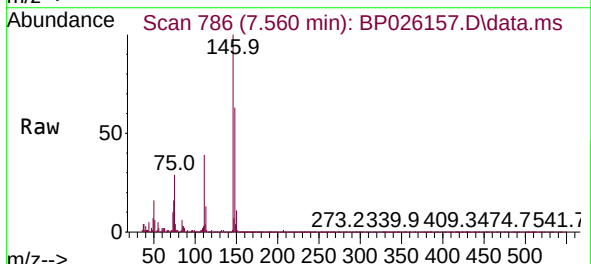
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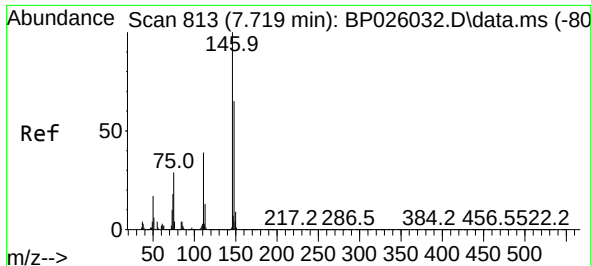
11/20/2025



#12
1,3-Dichlorobenzene
Concen: 4.333 ng
RT: 7.560 min Scan# 786
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:146 Resp: 81284
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.8
75 29.1 22.2 33.2





#13
1,4-Dichlorobenzene
Concen: 4.338 ng
RT: 7.707 min Scan# 811
Delta R.T. 0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
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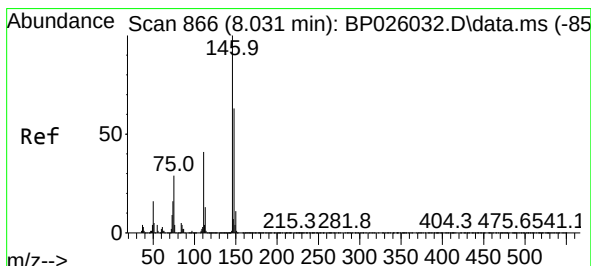
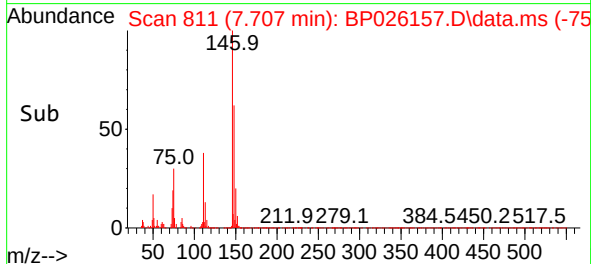
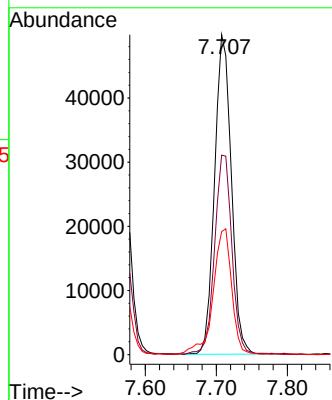
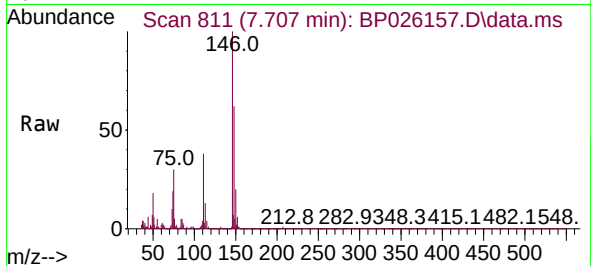
Tgt Ion:146 Resp: 81999
Ion Ratio Lower Upper
146 100
148 62.3 51.4 77.2
111 38.4 31.7 47.5

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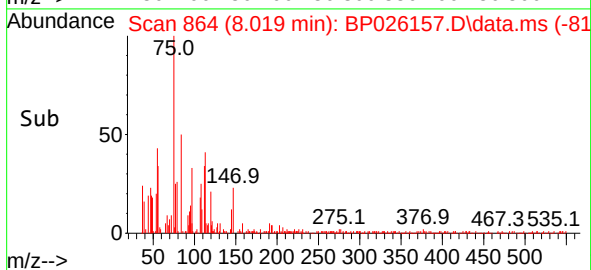
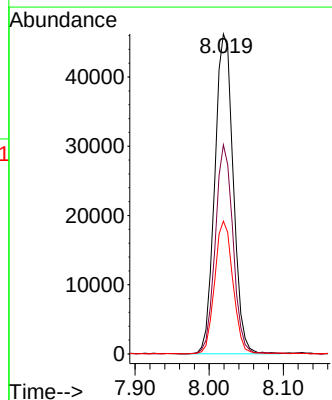
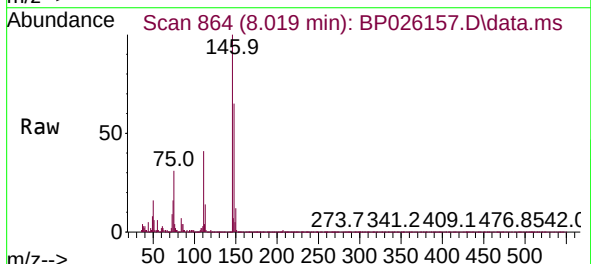
11/20/2025
Supervised By :Sohil
Jodhani

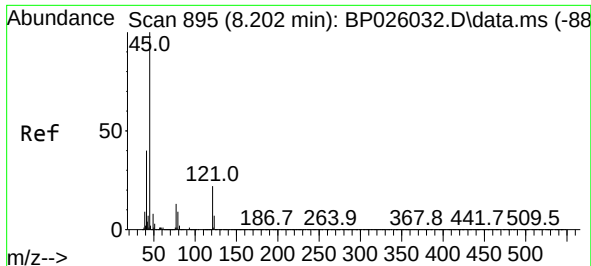
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#14
1,2-Dichlorobenzene
Concen: 4.407 ng
RT: 8.019 min Scan# 864
Delta R.T. 0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:146 Resp: 79993
Ion Ratio Lower Upper
146 100
148 65.3 51.0 76.6
111 41.5 33.0 49.4





#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.191 ng
RT: 8.190 min Scan# 895
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

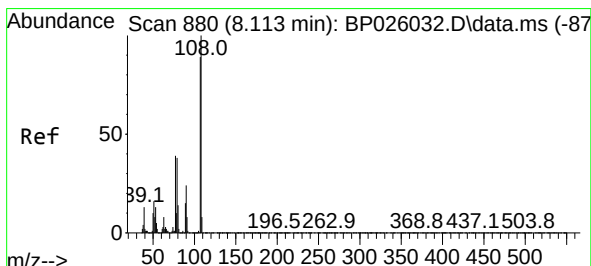
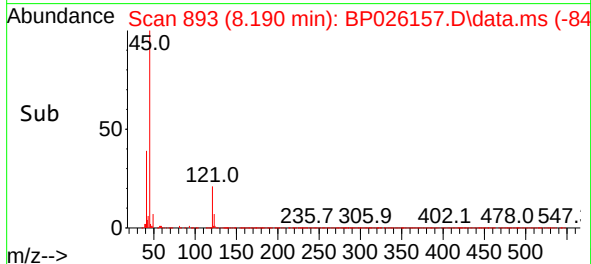
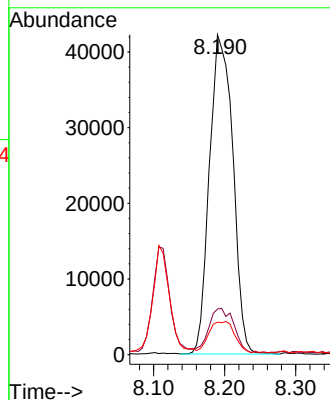
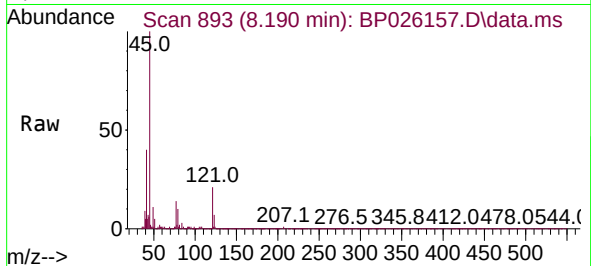
Tgt Ion: 45 Resp: 96666
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.9
79 10.1 0.0 30.4

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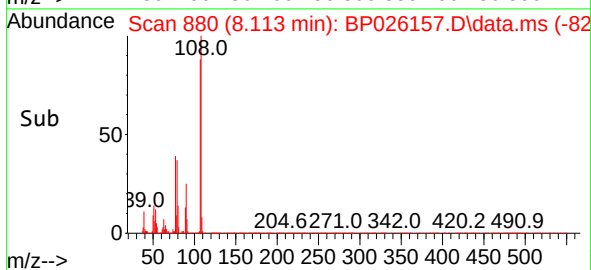
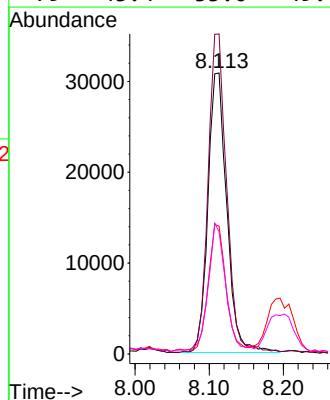
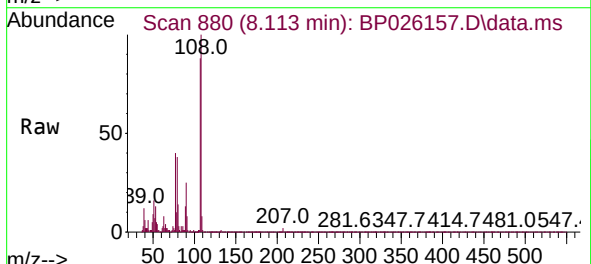
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Supervised By :Sohil
Jodhani

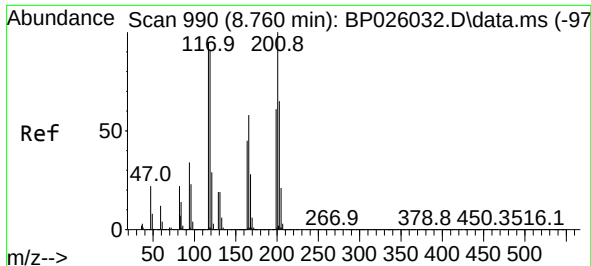
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#17
2-Methylphenol
Concen: 3.805 ng
RT: 8.113 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

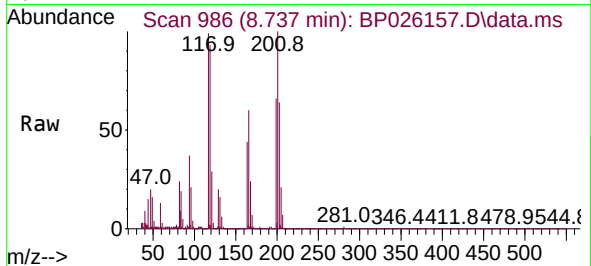
Tgt Ion:107 Resp: 54341
Ion Ratio Lower Upper
107 100
108 113.9 89.7 134.5
77 45.5 33.9 50.9
79 43.4 33.0 49.4





#18
Hexachloroethane
Concen: 4.104 ng
RT: 8.737 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



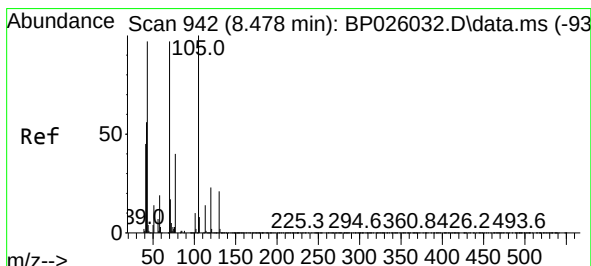
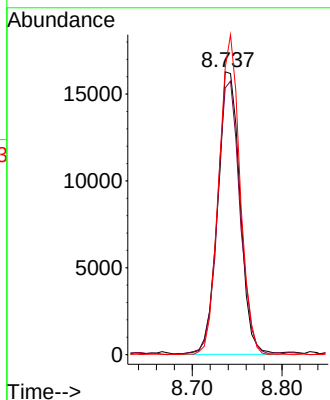
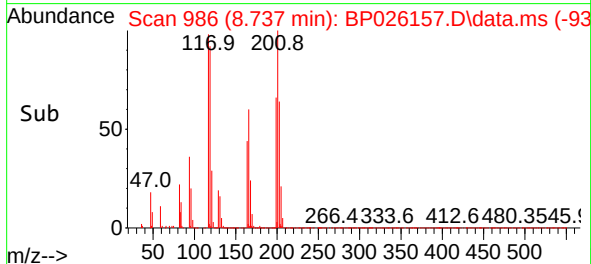
Tgt Ion: 117 Resp: 28223
Ion Ratio Lower Upper
117 100
119 94.3 78.7 118.1
201 101.4 85.1 127.7

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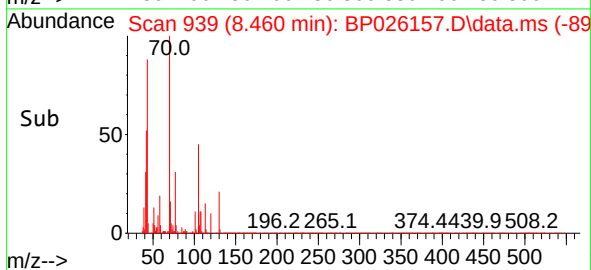
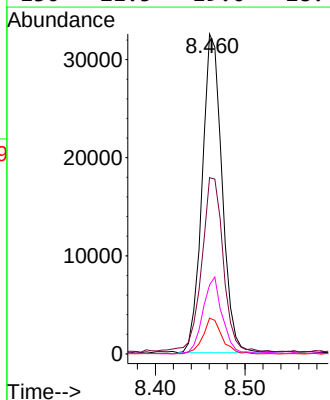
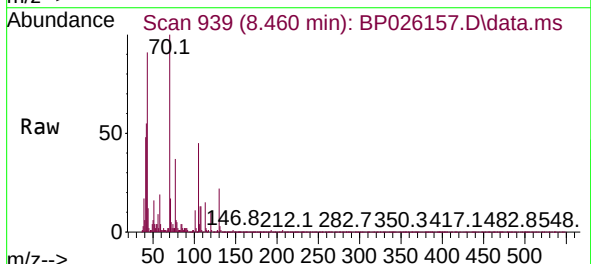
11/20/2025
Supervised By :Sohil
Jodhani

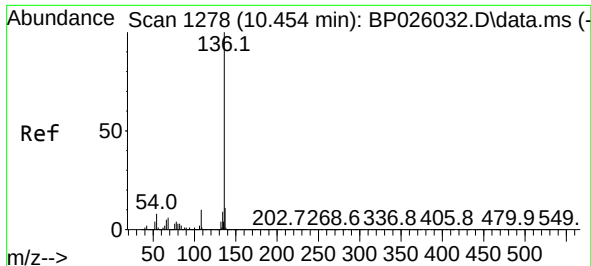
11/20/2025



#19
n-Nitroso-di-n-propylamine
Concen: 4.158 ng
RT: 8.460 min Scan# 939
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

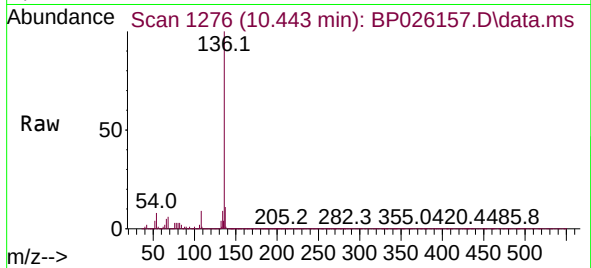
Tgt Ion: 70 Resp: 50305
Ion Ratio Lower Upper
70 100
42 55.1 44.1 66.1
101 11.2 8.2 12.4
130 21.5 19.0 28.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



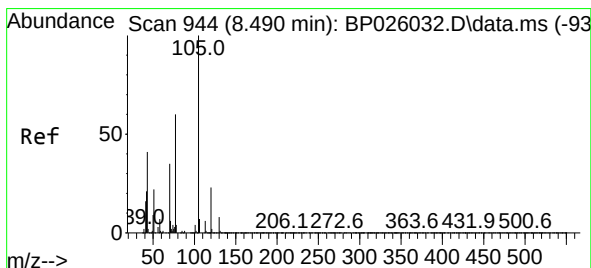
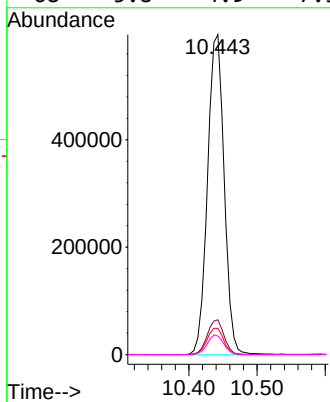
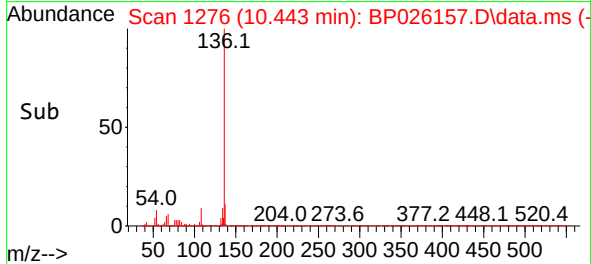
Tgt Ion:136 Resp: 1010254
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.4 9.6
68 5.8 4.9 7.3

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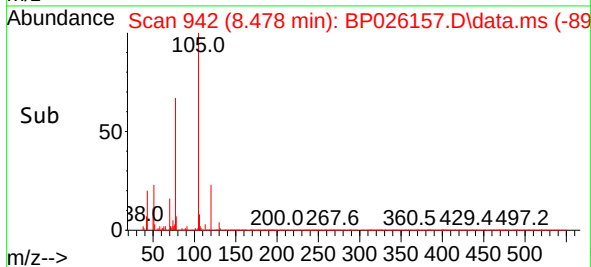
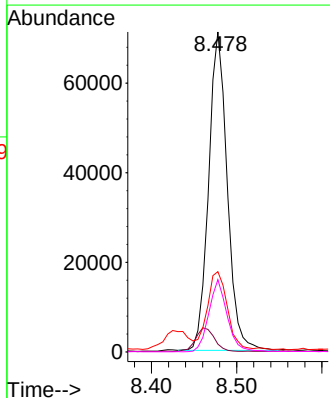
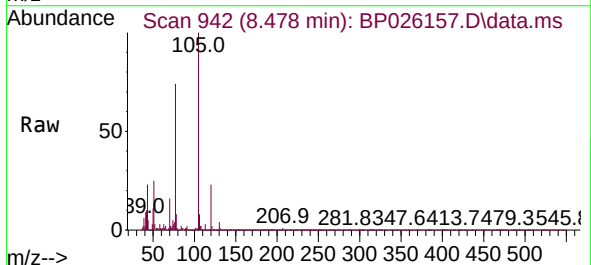
11/20/2025
Supervised By :Sohil
Jodhani

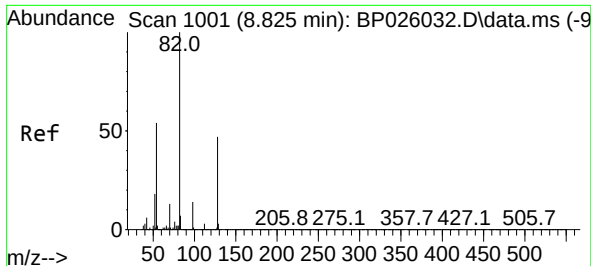
11/20/2025



#22
Acetophenone
Concen: 4.201 ng
RT: 8.478 min Scan# 942
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

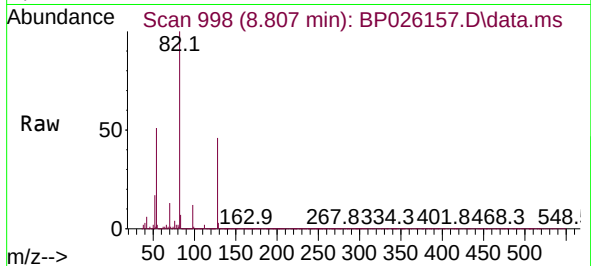
Tgt Ion:105 Resp: 107884
Ion Ratio Lower Upper
105 100
71 2.4 3.0 4.4#
51 25.1 20.5 30.7
120 22.6 18.2 27.2





#23
Nitrobenzene-d5
Concen: 81.084 ng
RT: 8.807 min Scan# 998
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



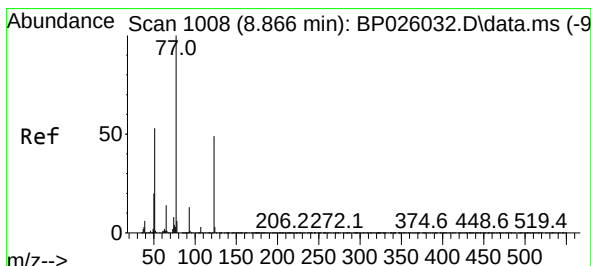
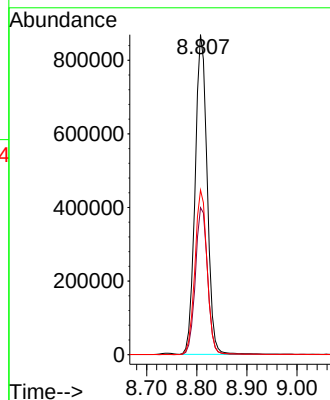
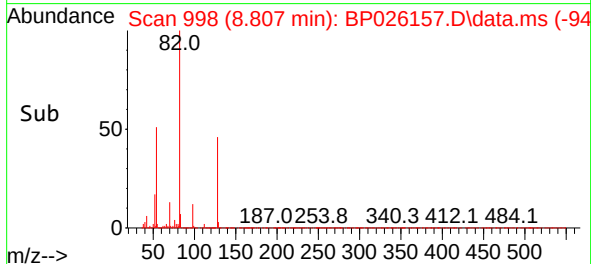
Tgt Ion: 82 Resp: 144211
Ion Ratio Lower Upper
82 100
128 45.9 37.4 56.0
54 51.4 41.6 62.4

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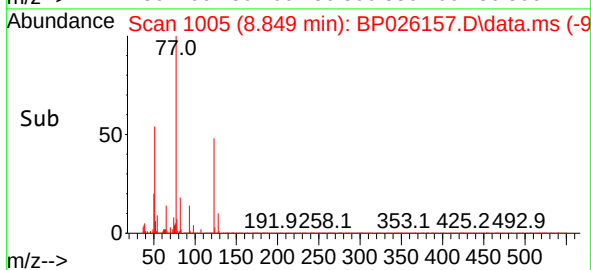
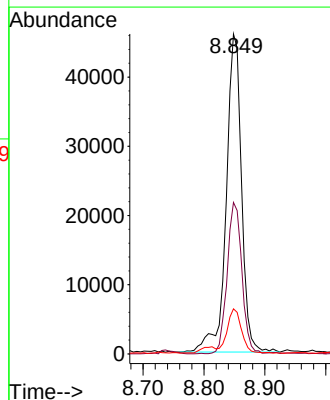
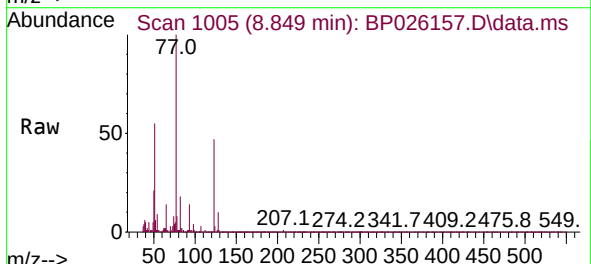
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Supervised By :Sohil
Jodhani

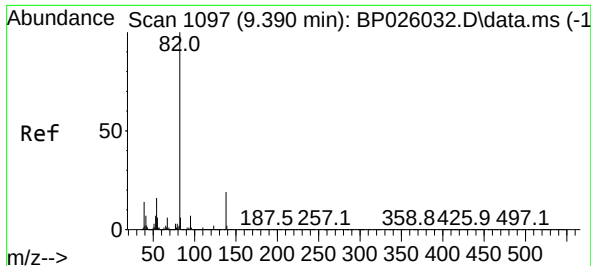
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#24
Nitrobenzene
Concen: 4.478 ng
RT: 8.849 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion: 77 Resp: 80565
Ion Ratio Lower Upper
77 100
123 47.3 39.8 59.8
65 14.1 11.2 16.8





#25
Isophorone
Concen: 4.097 ng
RT: 9.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025

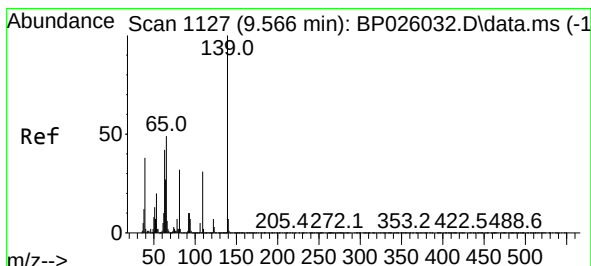
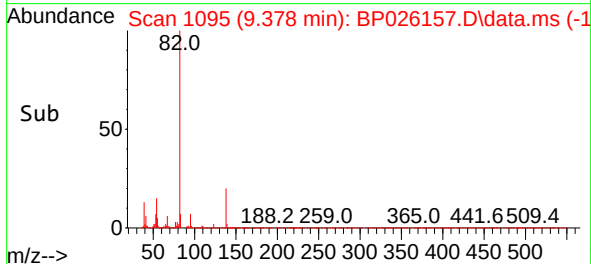
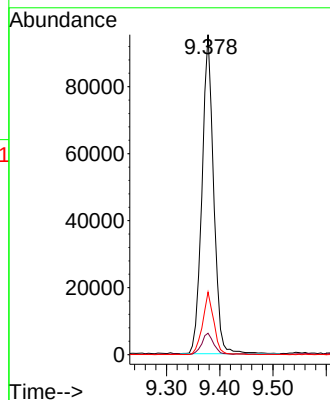
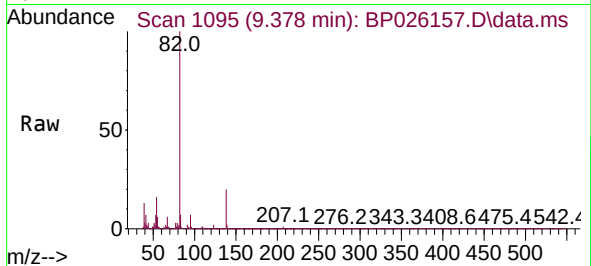
Tgt Ion: 82 Resp: 144472
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 19.5 15.4 23.0

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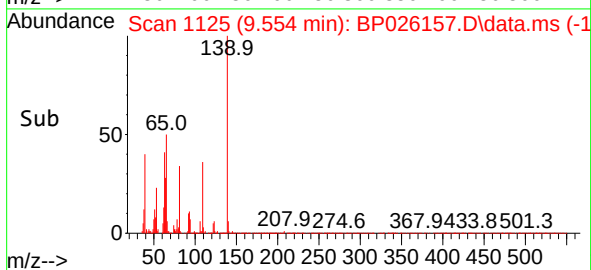
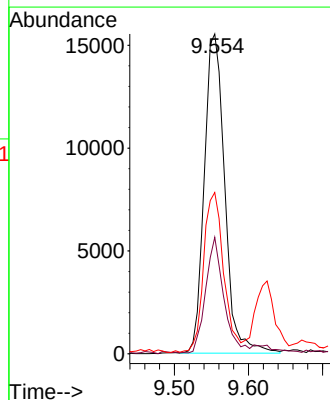
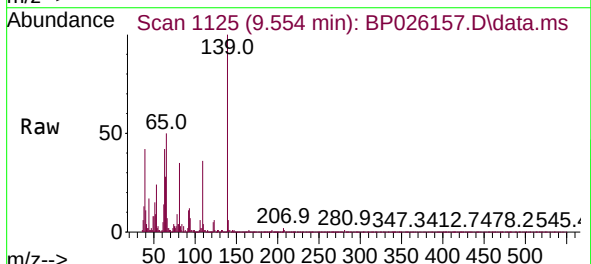
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Supervised By :Sohil
Jodhani

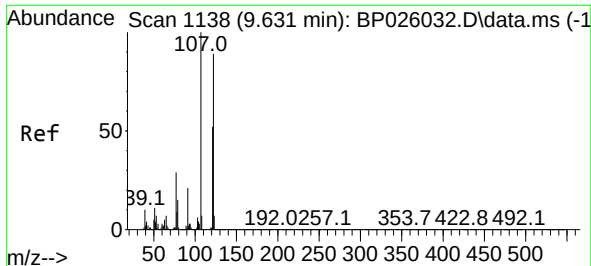
11/20/2025



#26
2-Nitrophenol
Concen: 3.272 ng
RT: 9.554 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

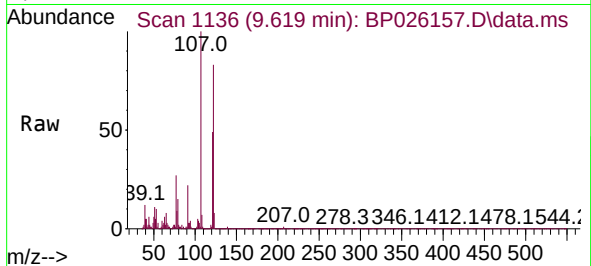
Tgt Ion:139 Resp: 29789
Ion Ratio Lower Upper
139 100
109 36.4 22.3 33.5#
65 50.4 37.2 55.8





#27
2,4-Dimethylphenol
Concen: 3.769 ng
RT: 9.619 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



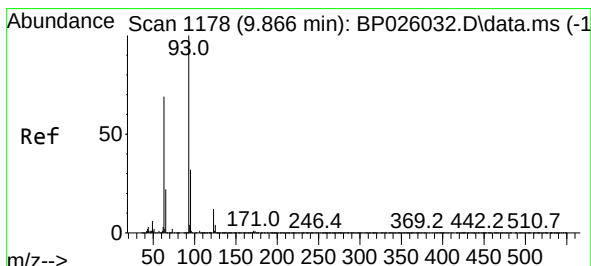
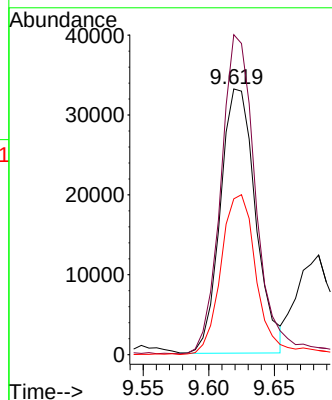
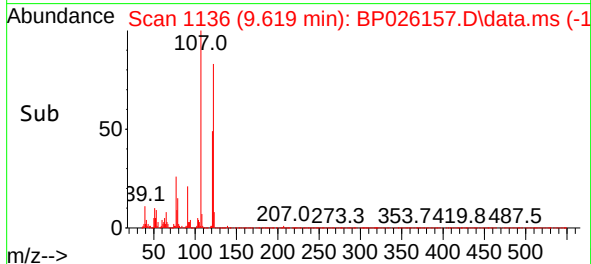
Tgt Ion: 122 Resp: 61872
Ion Ratio Lower Upper
122 100
107 120.5 91.0 136.6
121 58.6 47.0 70.6

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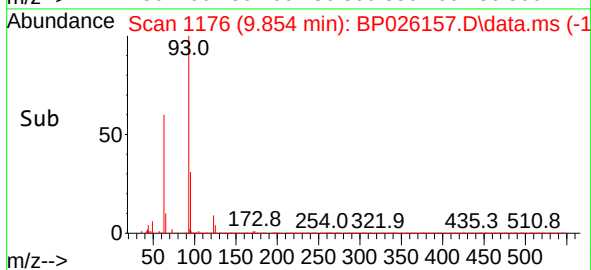
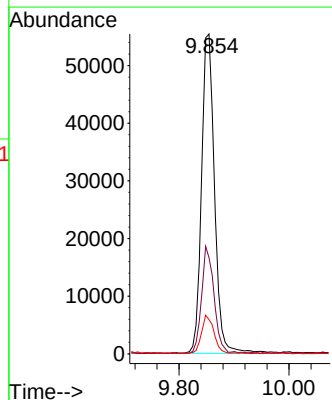
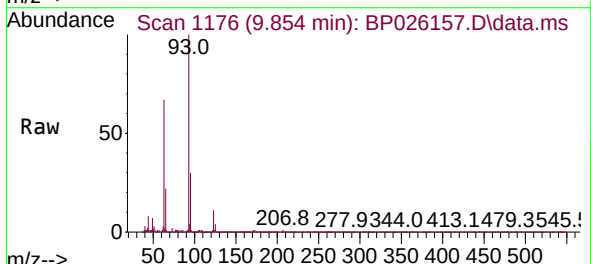
11/20/2025
Supervised By :Sohil
Jodhani

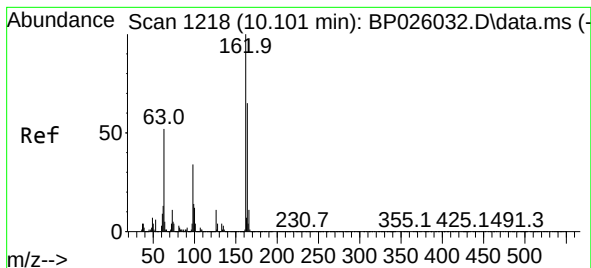
11/20/2025



#28
bis(2-Chloroethoxy)methane
Concen: 4.125 ng
RT: 9.854 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion: 93 Resp: 91087
Ion Ratio Lower Upper
93 100
95 30.1 26.4 39.6
123 10.7 9.4 14.0





#29
2,4-Dichlorophenol
Concen: 3.742 ng
RT: 10.090 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

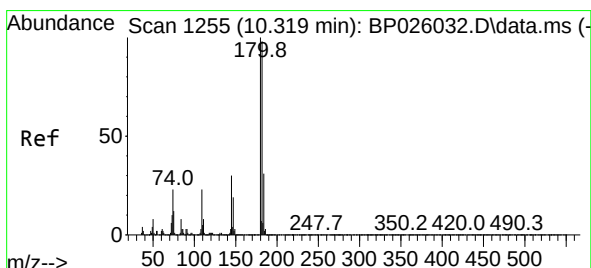
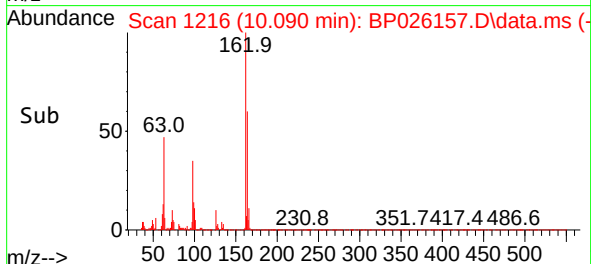
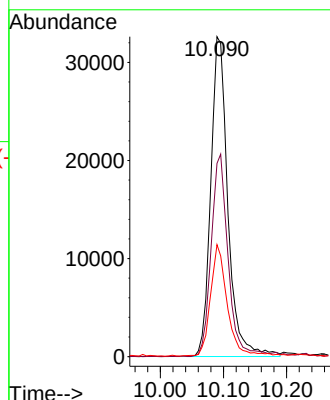
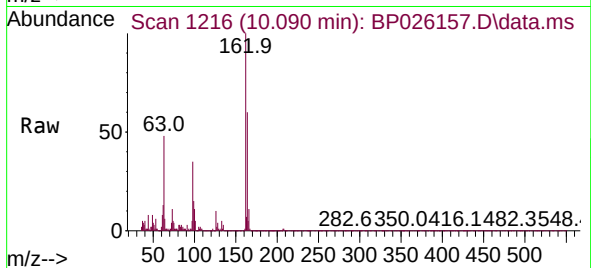
Tgt Ion:162 Resp: 61394
Ion Ratio Lower Upper
162 100
164 60.4 43.8 83.8
98 35.0 14.1 54.1

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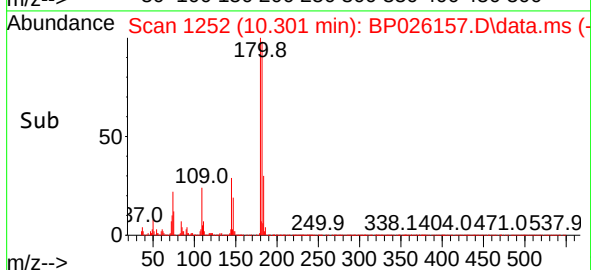
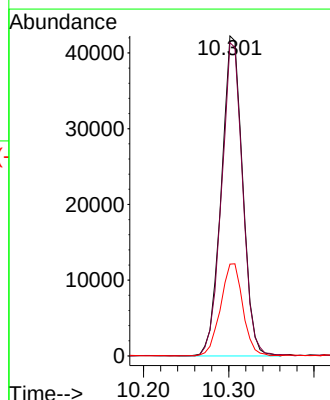
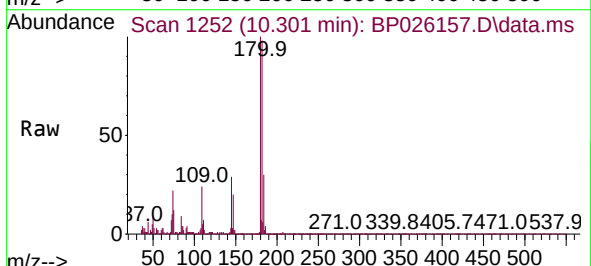
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Supervised By :Sohil
Jodhani

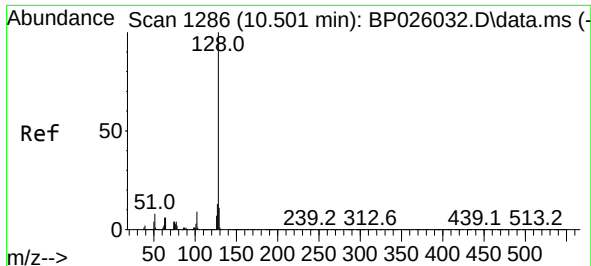
11/20/2025



#30
1,2,4-Trichlorobenzene
Concen: 4.382 ng
RT: 10.301 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

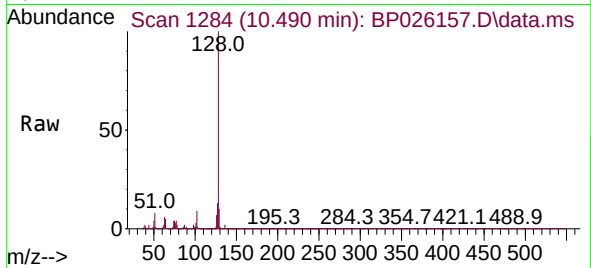
Tgt Ion:180 Resp: 73209
Ion Ratio Lower Upper
180 100
182 97.9 78.1 117.1
145 28.7 24.2 36.4





#31
Naphthalene
Concen: 4.190 ng
RT: 10.490 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



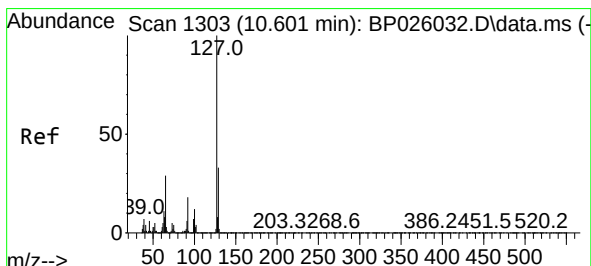
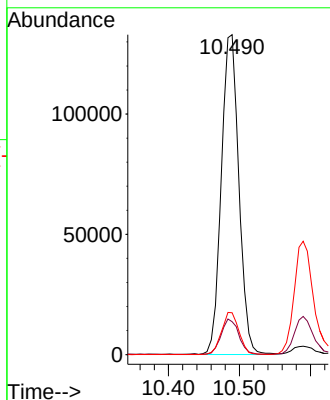
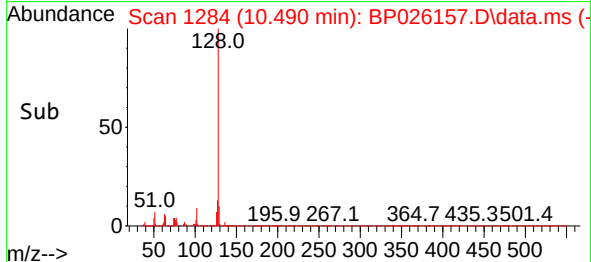
Tgt Ion:128 Resp: 228784
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.1 10.2 15.4

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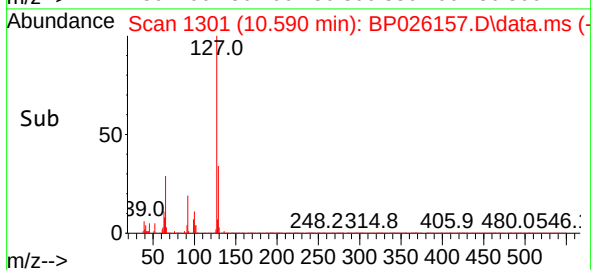
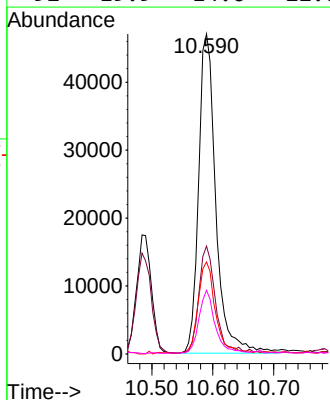
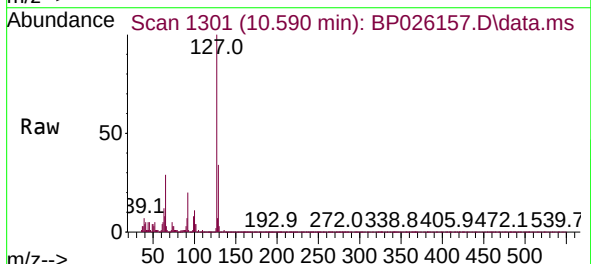
11/20/2025
Supervised By :Sohil
Jodhani

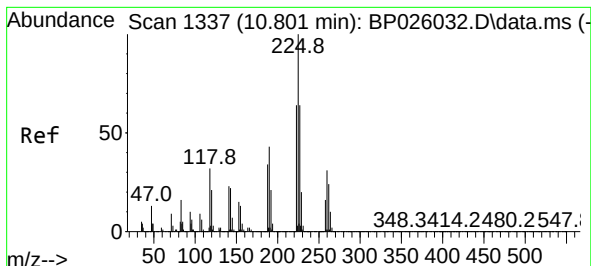
11/20/2025



#33
4-Chloroaniline
Concen: 3.986 ng
RT: 10.590 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

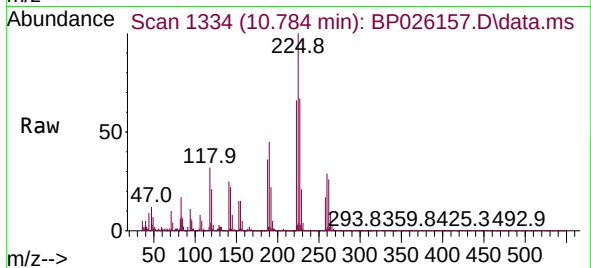
Tgt Ion:127 Resp: 92553
Ion Ratio Lower Upper
127 100
129 33.7 25.8 38.8
65 28.7 22.7 34.1
92 19.9 14.6 22.0





#34
Hexachlorobutadiene
Concen: 4.086 ng
RT: 10.784 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



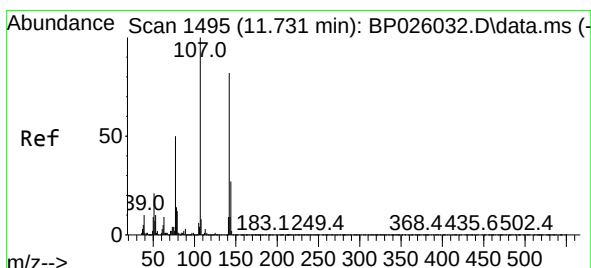
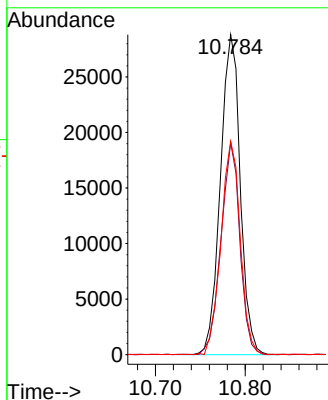
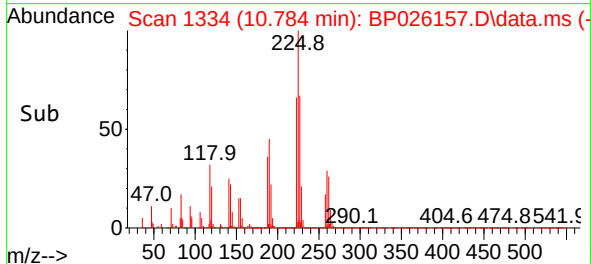
Tgt Ion:225 Resp: 44393
Ion Ratio Lower Upper
225 100
223 63.6 49.6 74.4
227 64.0 51.2 76.8

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Upadhyay

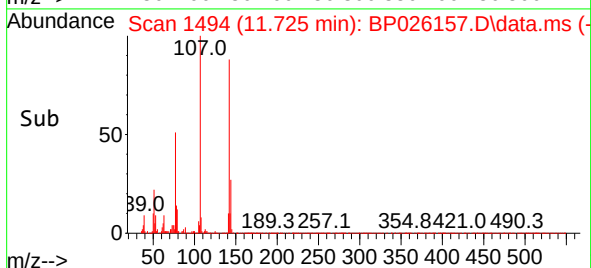
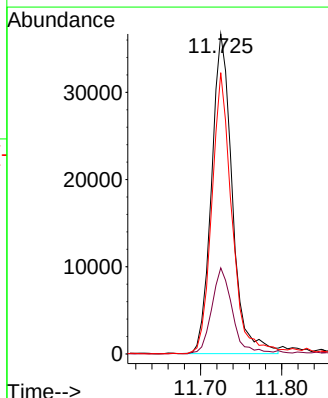
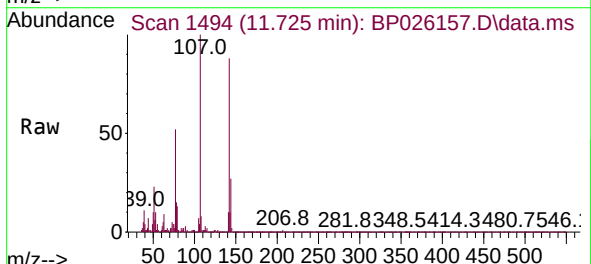
11/20/2025
Supervised By :Sohil
Jodhani

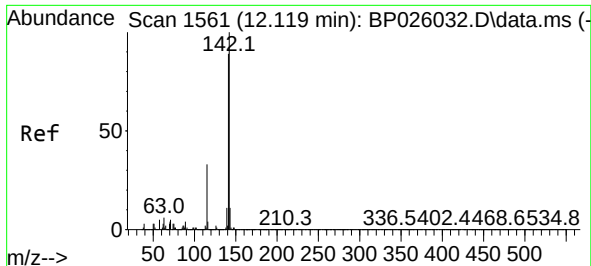
11/20/2025



#36
4-Chloro-3-methylphenol
Concen: 3.740 ng
RT: 11.725 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

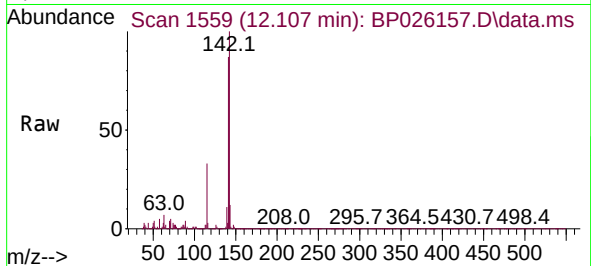
Tgt Ion:107 Resp: 65217
Ion Ratio Lower Upper
107 100
144 26.9 21.6 32.4
142 87.9 65.6 98.4





#37
2-Methylnaphthalene
Concen: 3.776 ng
RT: 12.107 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



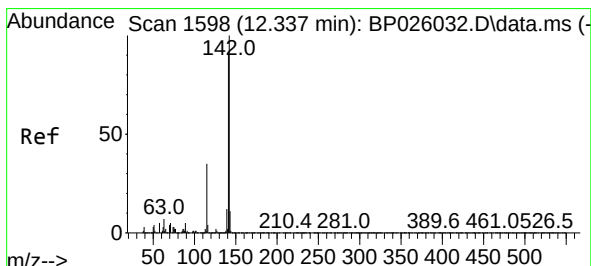
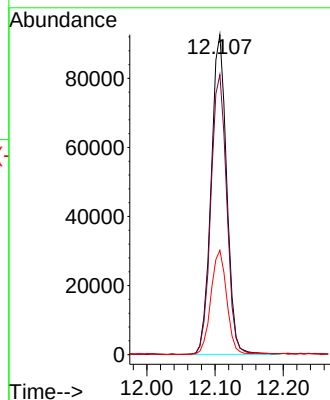
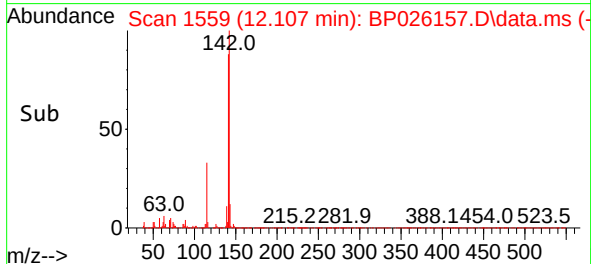
Tgt Ion:142 Resp: 14614
Ion Ratio Lower Upper
142 100
141 87.5 71.0 106.6
115 32.6 26.6 39.8

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Upadhyay

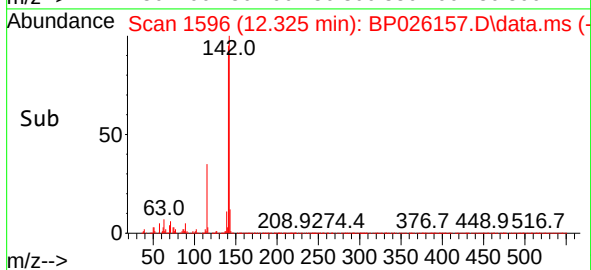
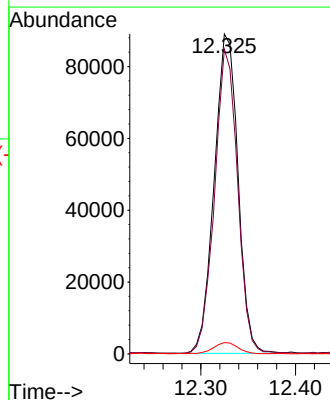
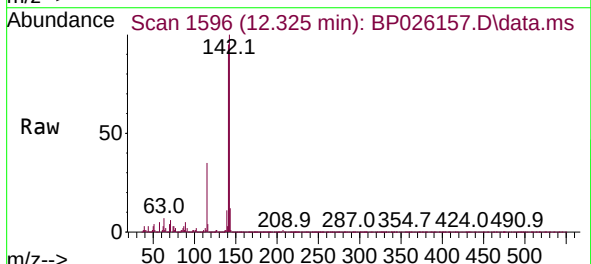
11/20/2025
Supervised By :Sohil
Jodhani

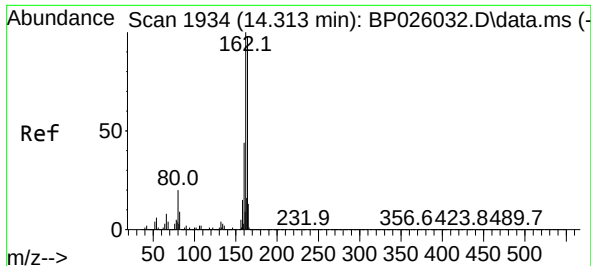
11/20/2025



#38
1-Methylnaphthalene
Concen: 4.092 ng
RT: 12.325 min Scan# 1596
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

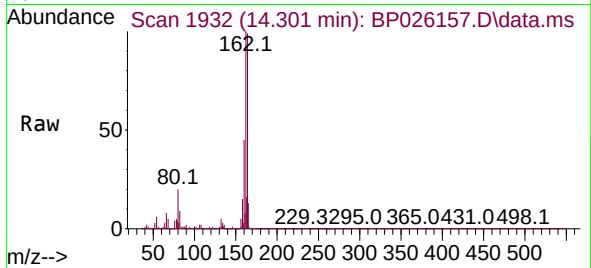
Tgt Ion:142 Resp: 154822
Ion Ratio Lower Upper
142 100
141 95.2 73.5 110.3
116 3.6 3.0 4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.301 min Scan# 1934
Delta R.T. -0.023 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



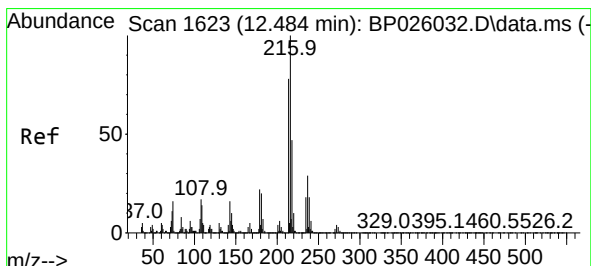
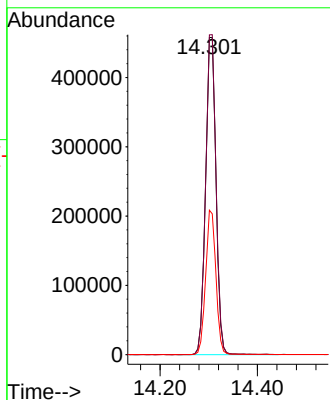
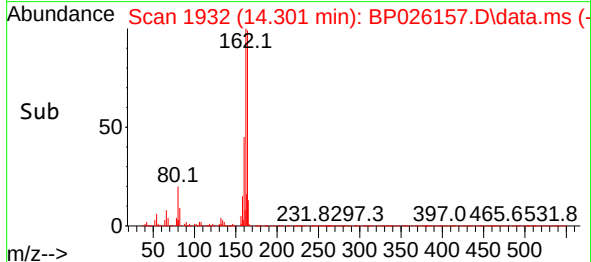
Tgt Ion:164 Resp: 680254
Ion Ratio Lower Upper
164 100
162 100.8 80.3 120.5
160 45.5 35.2 52.8

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Upadhyay

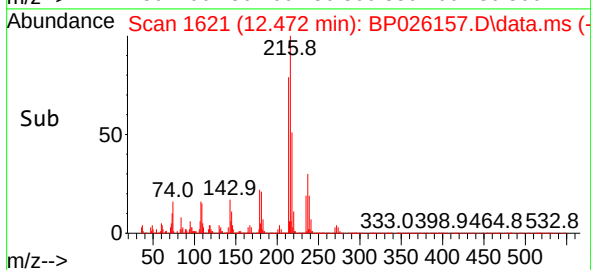
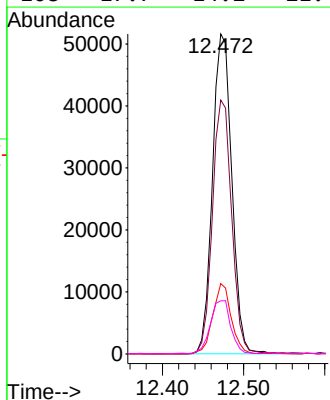
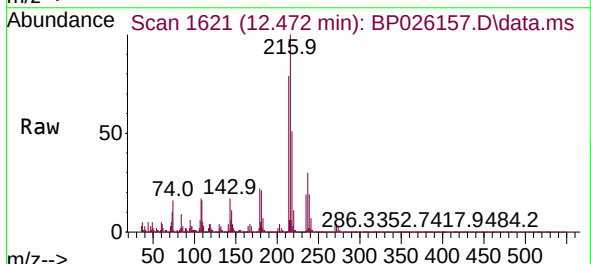
11/20/2025
Supervised By :Sohil
Jodhani

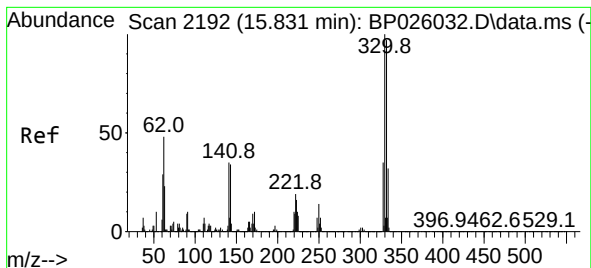
11/20/2025



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.147 ng
RT: 12.472 min Scan# 1621
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

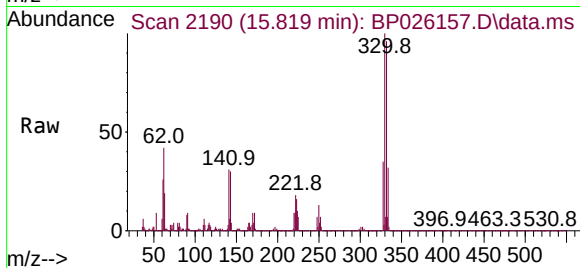
Tgt Ion:216 Resp: 85300
Ion Ratio Lower Upper
216 100
214 79.0 62.6 94.0
179 21.1 16.6 25.0
108 17.7 14.2 21.4





#42
2,4,6-Tribromophenol
Concen: 113.978 ng
RT: 15.819 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



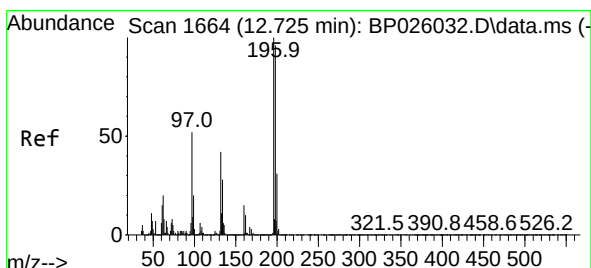
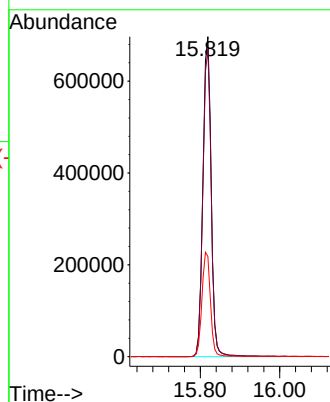
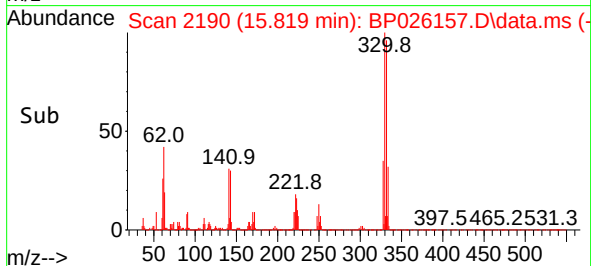
Tgt Ion:330 Resp: 1005804
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.6 26.8 40.2

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Upadhyay

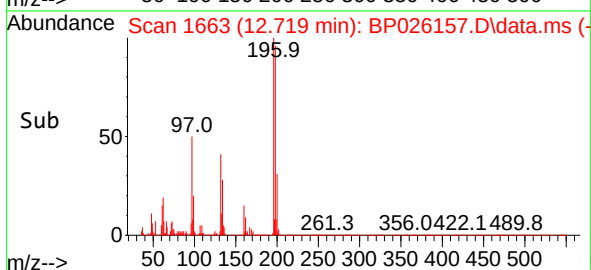
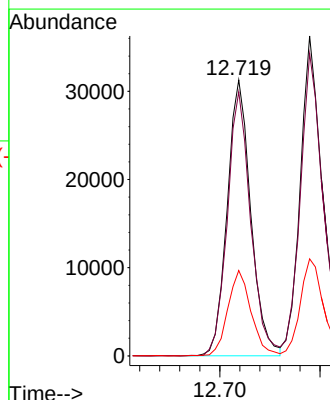
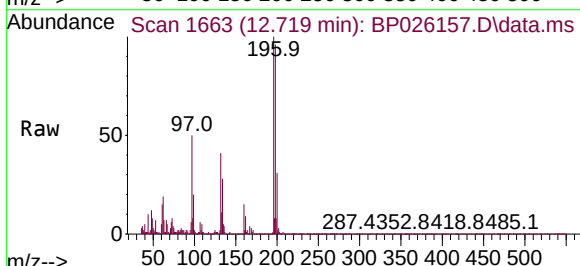
11/20/2025
Supervised By :Sohil
Jodhani

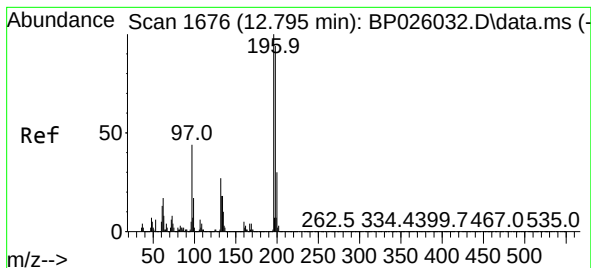
11/20/2025



#43
2,4,6-Trichlorophenol
Concen: 3.636 ng
RT: 12.719 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:196 Resp: 51280
Ion Ratio Lower Upper
196 100
198 95.7 76.9 115.3
200 31.0 24.6 37.0





#44

2,4,5-Trichlorophenol

Concen: 3.722 ng

RT: 12.790 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:196 Resp: 5858

Ion Ratio Lower Upper

196 100

198 94.5 76.4 114.6

97 42.7 35.7 53.5

132 26.6 20.8 31.2

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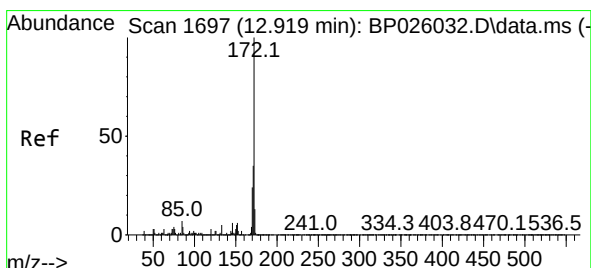
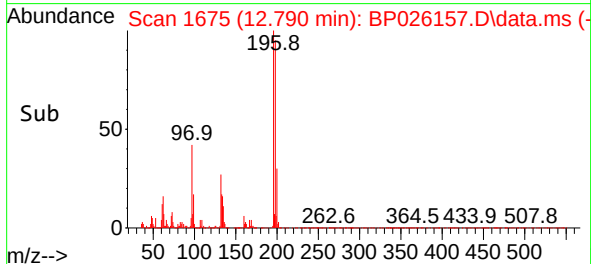
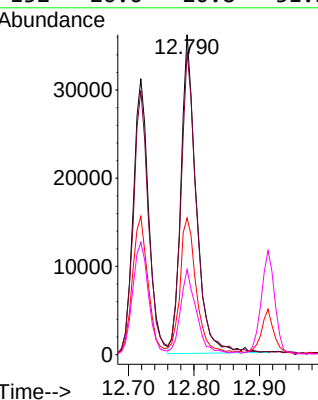
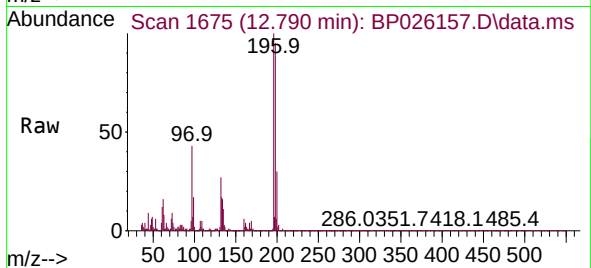
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Reviewed By :Jagrut
Upadhyay

11/20/2025

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Jodhani

11/20/2025



#45

2-Fluorobiphenyl

Concen: 78.827 ng

RT: 12.913 min Scan# 1696

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

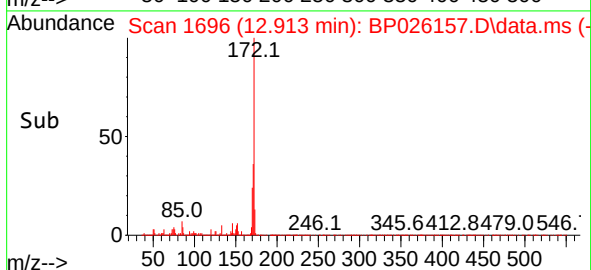
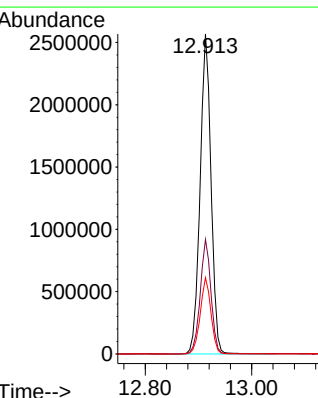
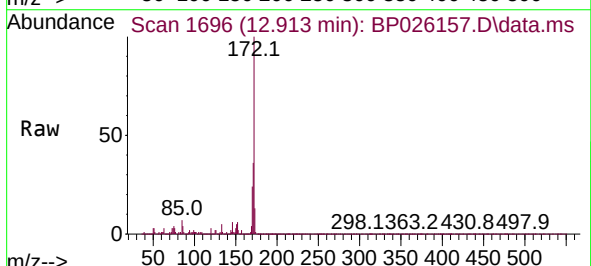
Tgt Ion:172 Resp: 3658758

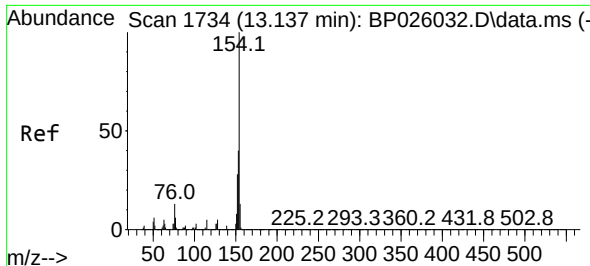
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 23.8 18.7 28.1





#46
1,1'-Biphenyl
Concen: 4.297 ng
RT: 13.125 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025

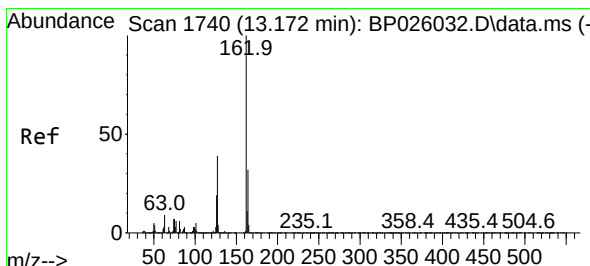
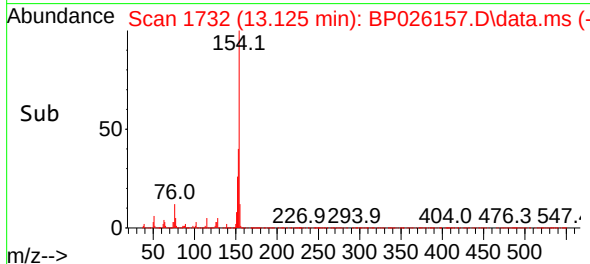
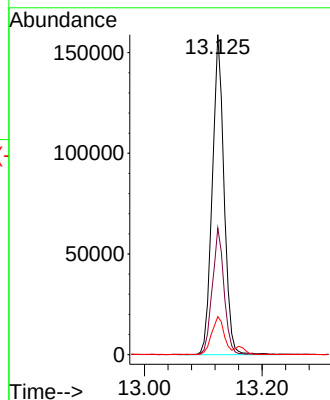
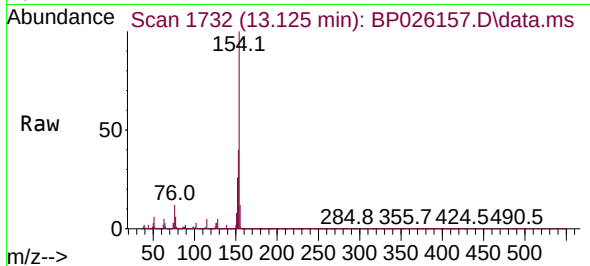
Tgt Ion:154 Resp: 220083
Ion Ratio Lower Upper
154 100
153 39.6 20.3 60.3
76 11.9 0.0 32.3

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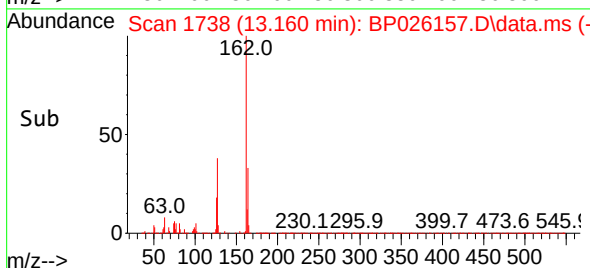
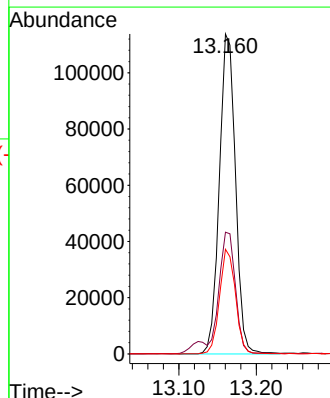
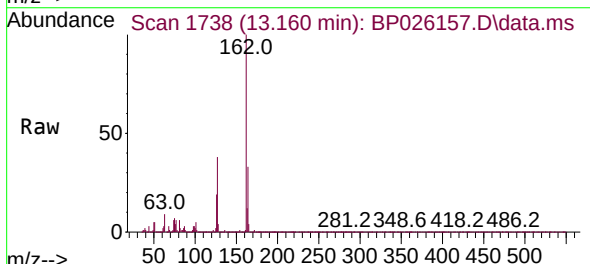
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Supervised By :Sohil
Jodhani

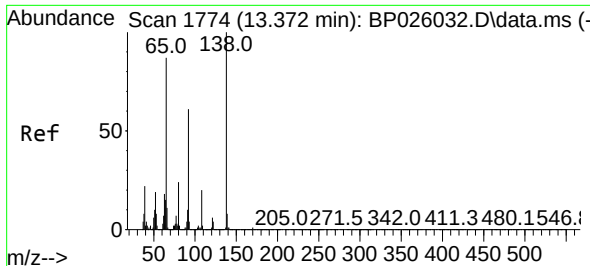
11/20/2025



#47
2-Chloronaphthalene
Concen: 4.099 ng
RT: 13.160 min Scan# 1738
Delta R.T. -0.023 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

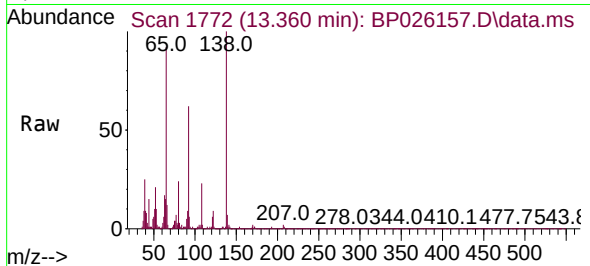
Tgt Ion:162 Resp: 165114
Ion Ratio Lower Upper
162 100
127 38.0 30.9 46.3
164 32.7 26.4 39.6





#48
2-Nitroaniline
Concen: 3.384 ng
RT: 13.360 min Scan# 1774
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



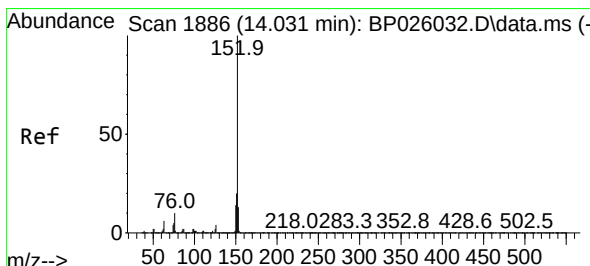
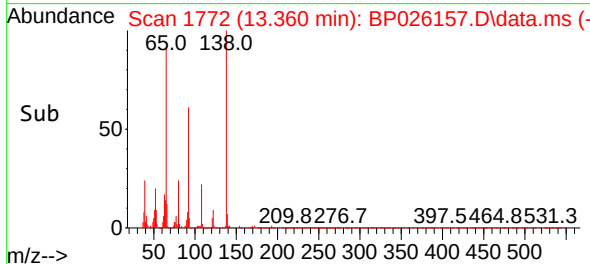
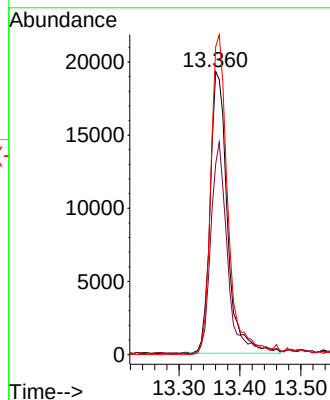
Tgt Ion: 65 Resp: 37906
Ion Ratio Lower Upper
65 100
92 67.5 59.1 88.7
138 108.9 96.6 145.0

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Upadhyay

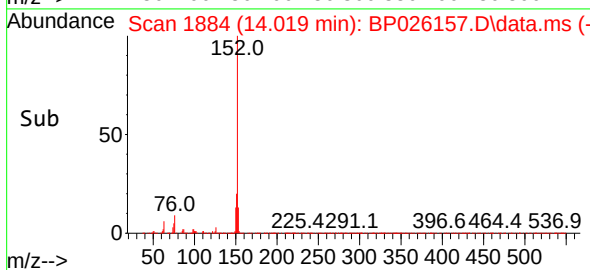
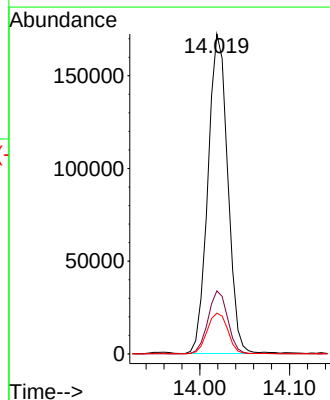
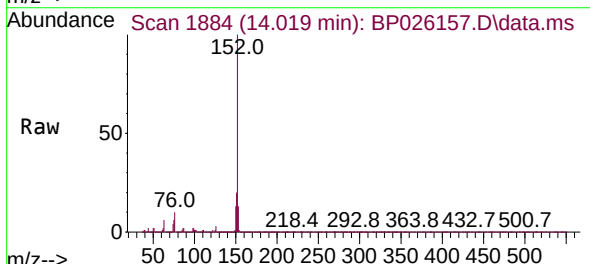
11/20/2025
Supervised By :Sohil
Jodhani

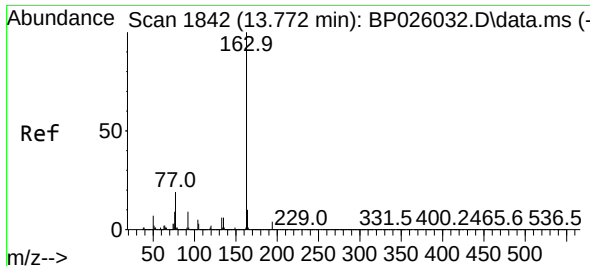
11/20/2025



#49
Acenaphthylene
Concen: 3.973 ng
RT: 14.019 min Scan# 1884
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:152 Resp: 263981
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.7 10.6 16.0





#50
Dimethylphthalate
Concen: 4.082 ng
RT: 13.754 min Scan# 1839
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025

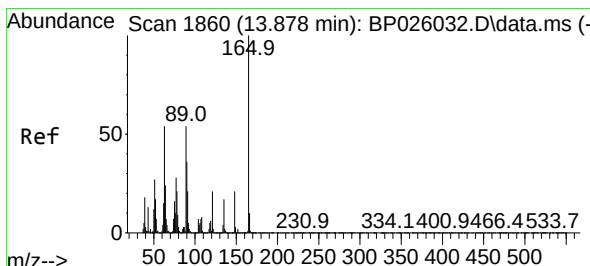
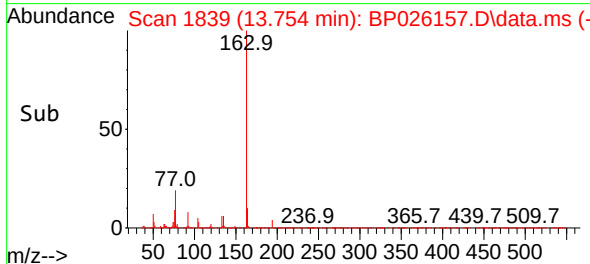
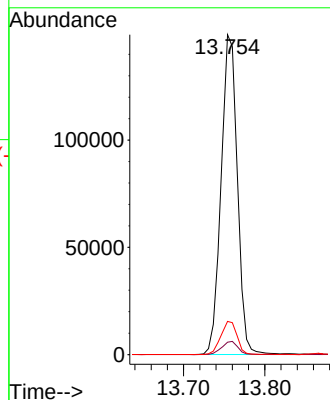
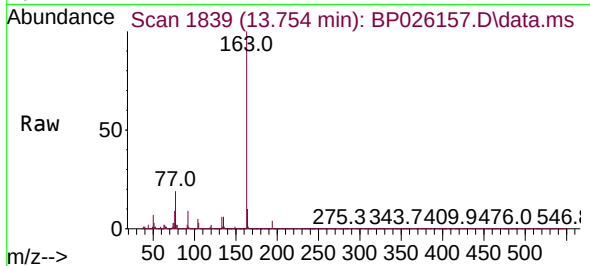
Tgt Ion:163 Resp: 207373
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.4 8.2 12.2

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Reviewed By :Jagrut
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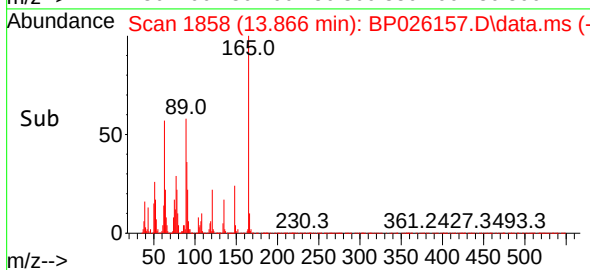
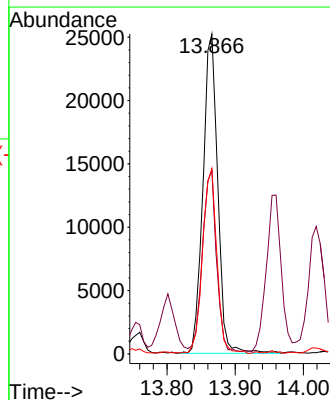
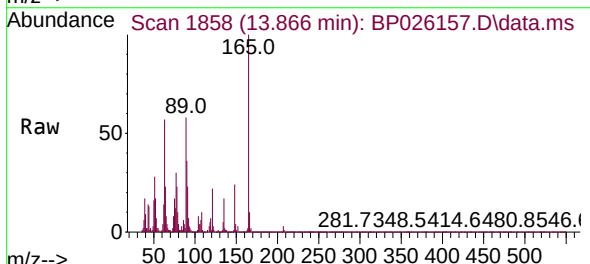
11/20/2025
Supervised By :Sohil
Jodhani

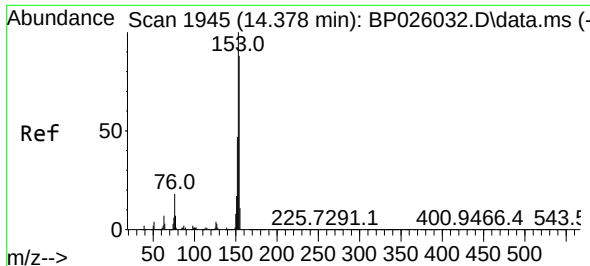
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#51
2,6-Dinitrotoluene
Concen: 3.769 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

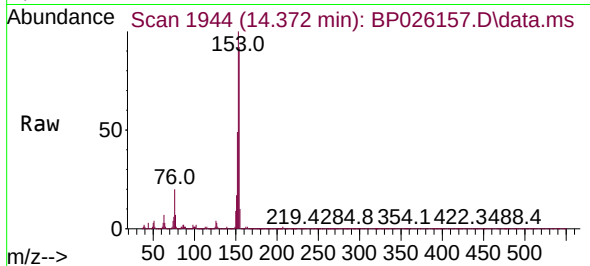
Tgt Ion:165 Resp: 37948
Ion Ratio Lower Upper
165 100
63 57.3 40.5 60.7
89 57.9 41.3 61.9





#52
Acenaphthene
Concen: 4.143 ng
RT: 14.372 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



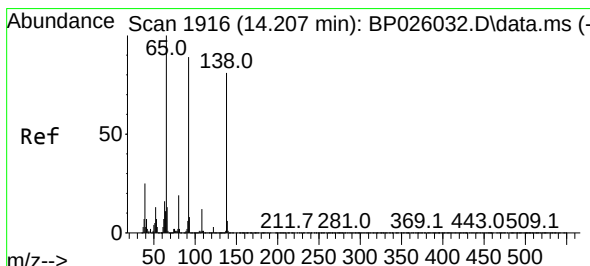
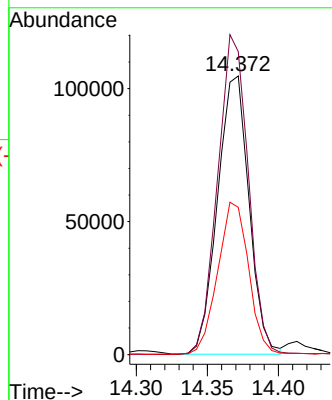
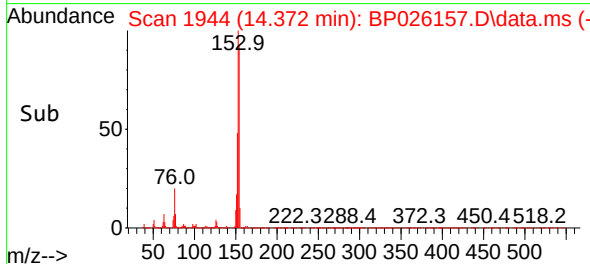
Tgt Ion:154 Resp: 161328
Ion Ratio Lower Upper
154 100
153 108.7 90.7 136.1
152 52.8 42.8 64.2

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Upadhyay

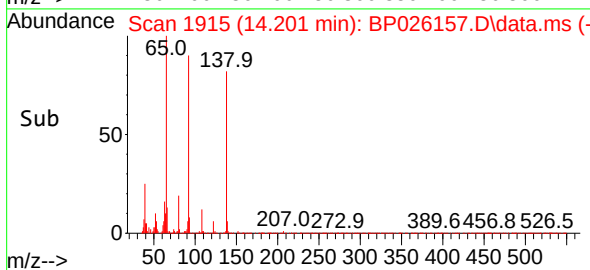
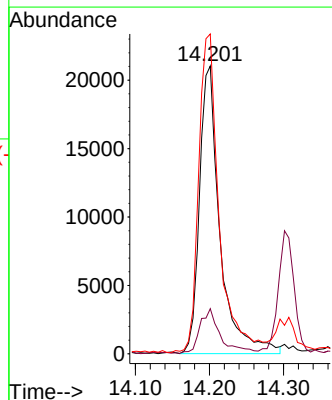
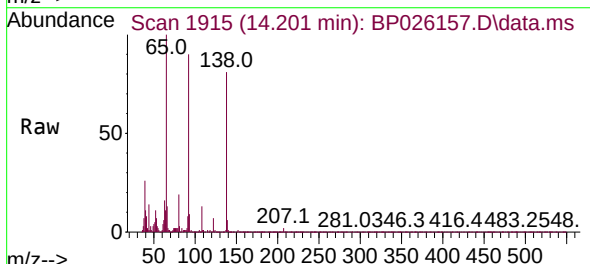
11/20/2025
Supervised By :Sohil
Jodhani

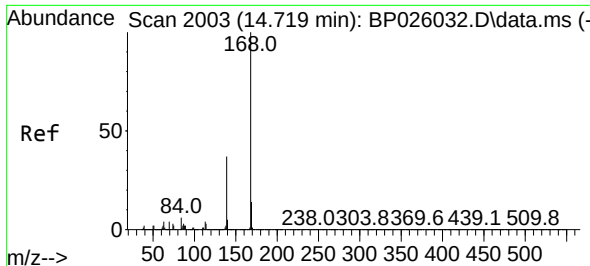
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#53
3-Nitroaniline
Concen: 3.417 ng
RT: 14.201 min Scan# 1915
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

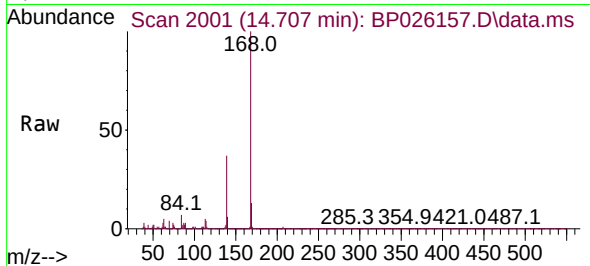
Tgt Ion:138 Resp: 40504
Ion Ratio Lower Upper
138 100
108 15.7 8.9 13.3#
92 111.1 86.3 129.5





#55
Dibenzenofuran
Concen: 4.313 ng
RT: 14.707 min Scan# 2003
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025



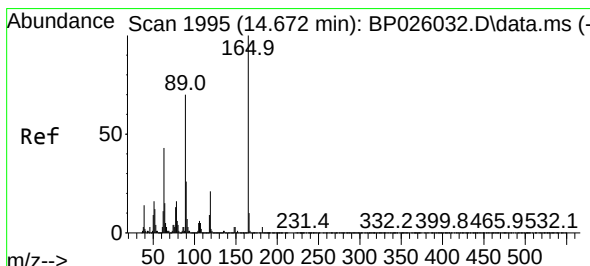
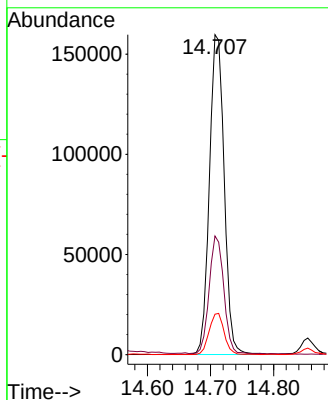
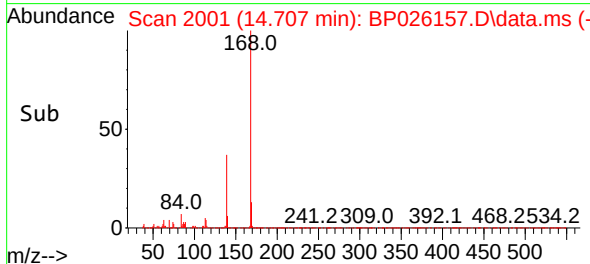
Tgt Ion:168 Resp: 260083
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.6
169 12.6 10.9 16.3

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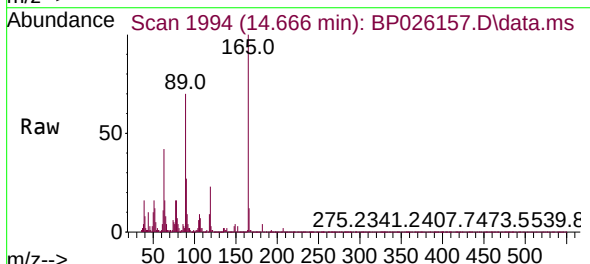
Reviewed By :Jagrut
Upadhyay

11/20/2025
Supervised By :Sohil
Jodhani

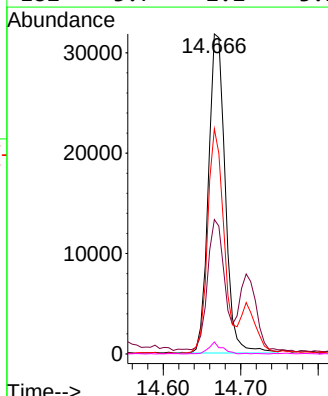
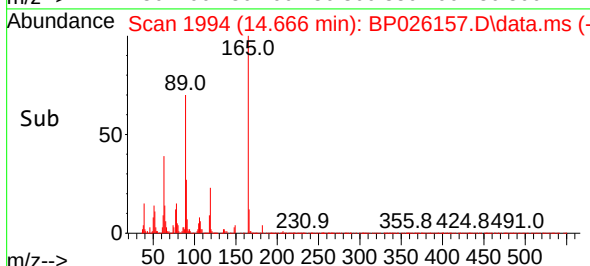
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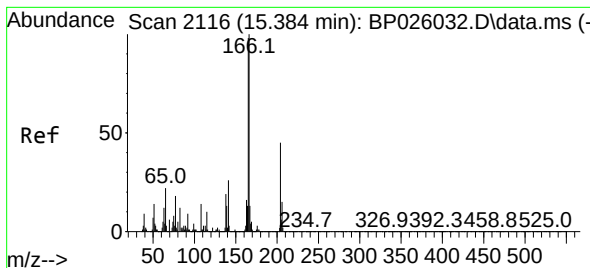


#57
2,4-Dinitrotoluene
Concen: 3.182 ng
RT: 14.666 min Scan# 1994
Delta R.T. -0.024 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57



Tgt Ion:165 Resp: 47835
Ion Ratio Lower Upper
165 100
63 42.0 31.0 46.6
89 70.3 51.7 77.5
182 3.7 2.2 3.2#





#58

Fluorene

Concen: 4.450 ng

RT: 15.372 min Scan# 2112

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:	166	Resp:	21212
Ion Ratio	Lower	Upper	
166	100		
165	97.3	77.9	116.9
167	12.8	11.0	16.4

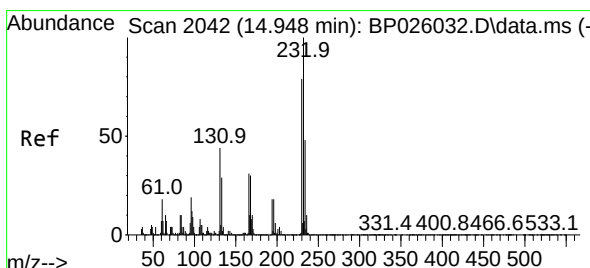
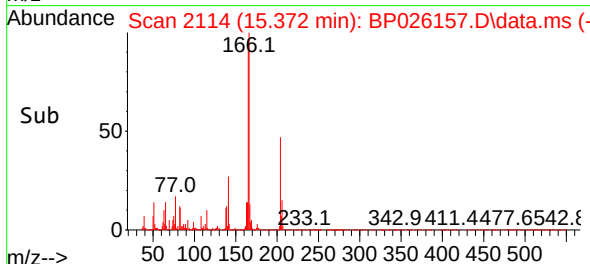
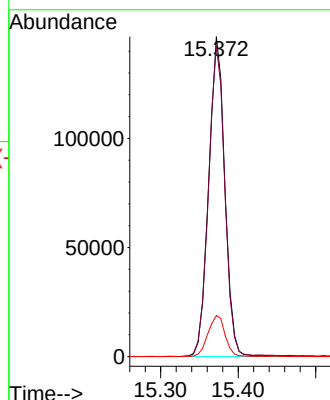
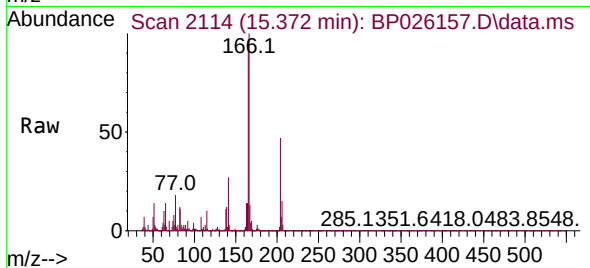
Manual Integrations
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Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.902 ng

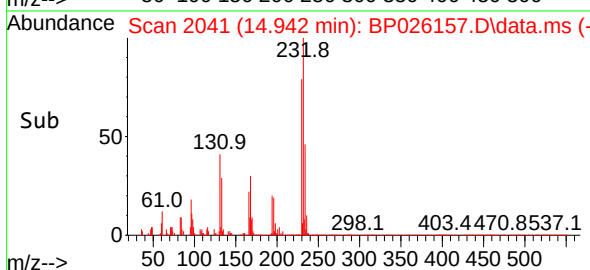
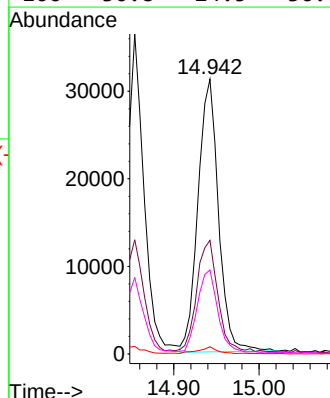
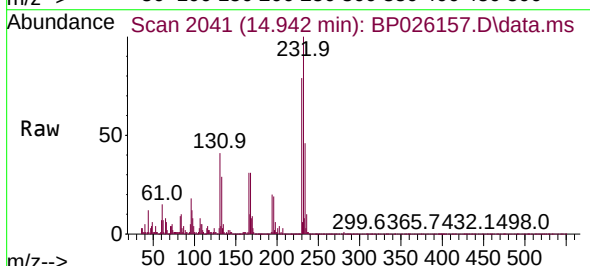
RT: 14.942 min Scan# 2041

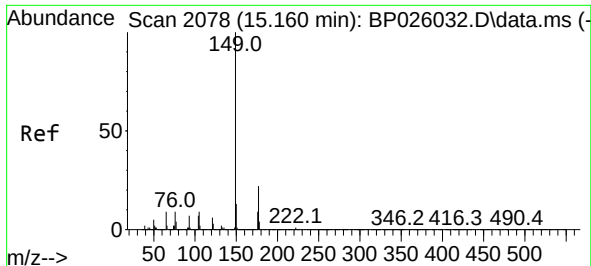
Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:	232	Resp:	52103
Ion Ratio	Lower	Upper	
232	100		
131	42.4	34.8	52.2
130	2.1	1.8	2.8
166	30.8	24.5	36.7





#60
Diethylphthalate
Concen: 4.052 ng
RT: 15.142 min Scan# 207369
Delta R.T. -0.029 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT4-2025

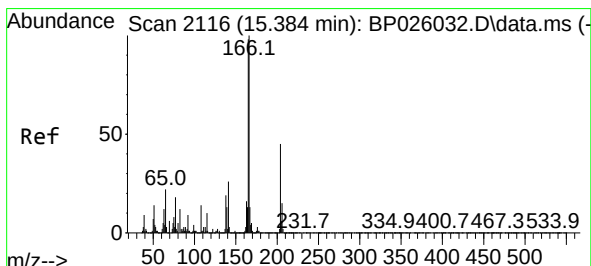
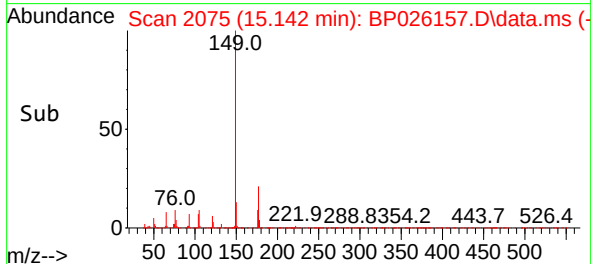
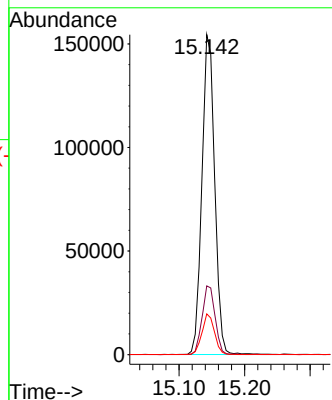
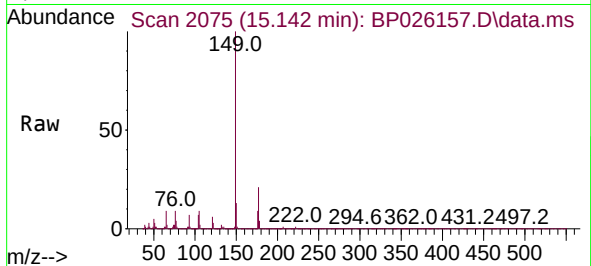
Tgt Ion:149 Resp: 207369
Ion Ratio Lower Upper
149 100
177 21.5 17.9 26.9
150 12.7 9.9 14.9

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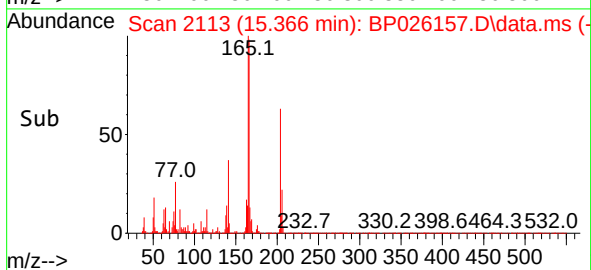
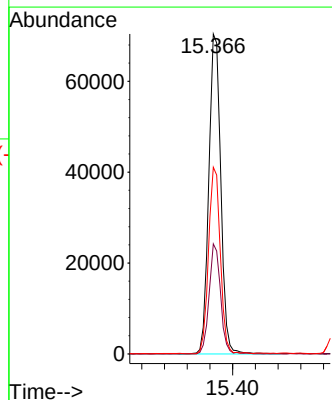
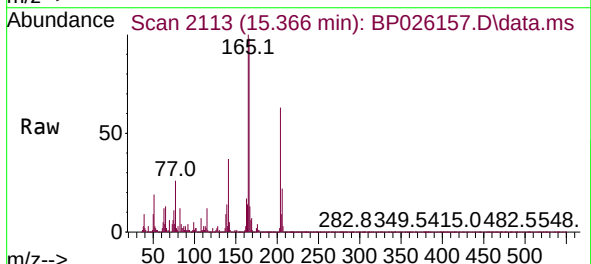
11/20/2025
Supervised By :Sohil
Jodhani

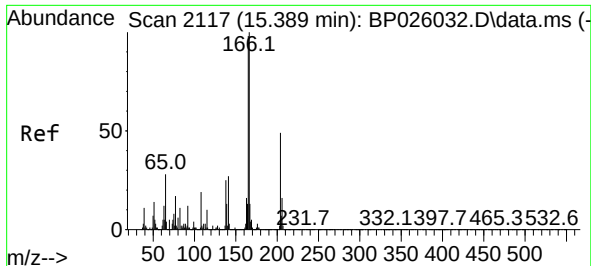
11/20/2025



#61
4-Chlorophenyl-phenylether
Concen: 4.356 ng
RT: 15.366 min Scan# 2113
Delta R.T. -0.023 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:204 Resp: 103310
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 58.3 48.1 72.1





#62
4-Nitroaniline
Concen: 3.318 ng
RT: 15.378 min Scan# 2115
Delta R.T. -0.024 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

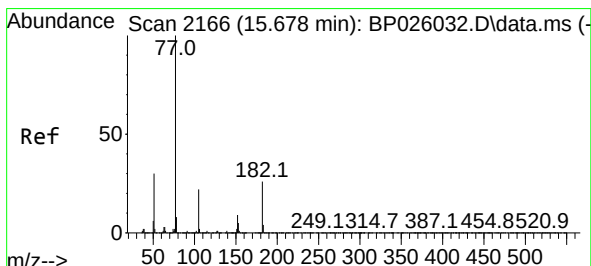
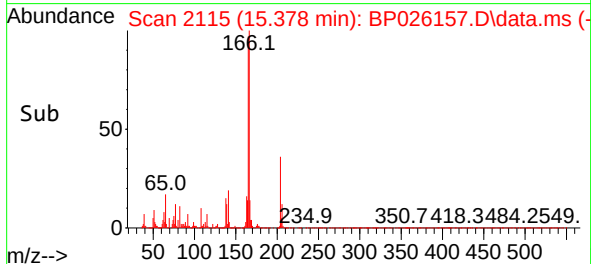
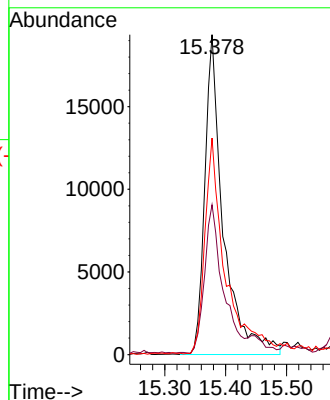
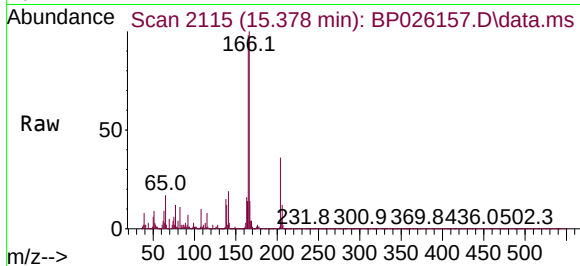
Tgt Ion:138 Resp: 40838
Ion Ratio Lower Upper
138 100
92 46.8 27.5 67.5
108 67.7 51.1 91.1

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Upadhyay

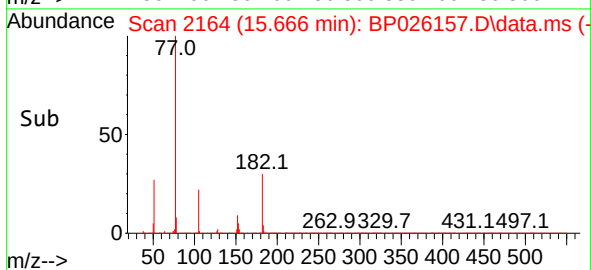
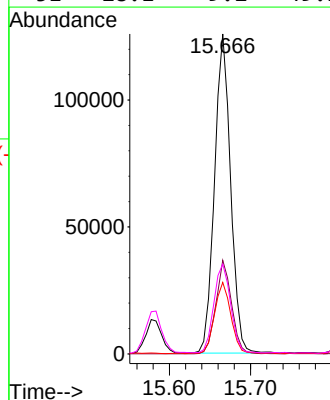
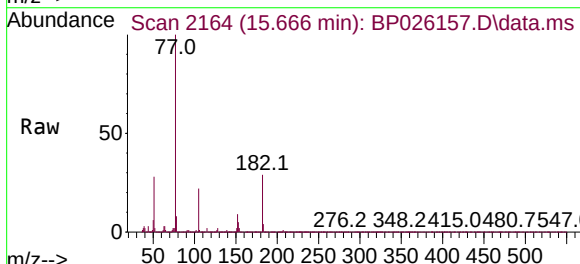
11/20/2025
Supervised By :Sohil
Jodhani

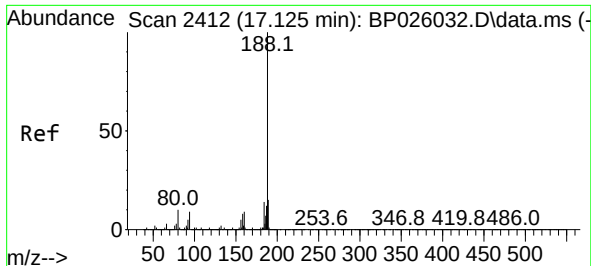
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#63
Azobenzene
Concen: 4.017 ng
RT: 15.666 min Scan# 2164
Delta R.T. -0.023 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion: 77 Resp: 173349
Ion Ratio Lower Upper
77 100
182 29.2 8.8 48.8
105 22.3 2.6 42.6
51 28.1 9.2 49.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.113 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

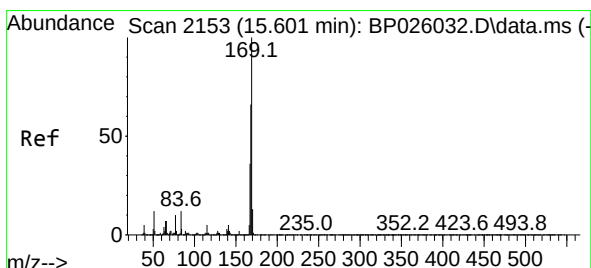
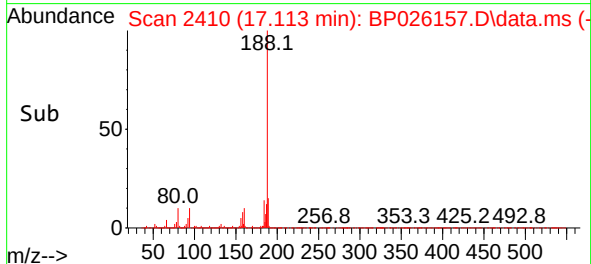
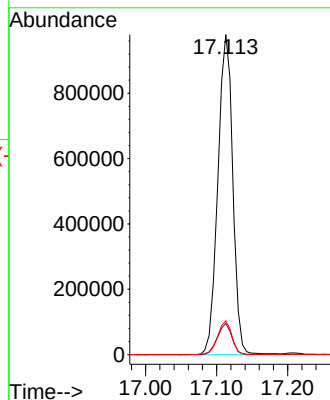
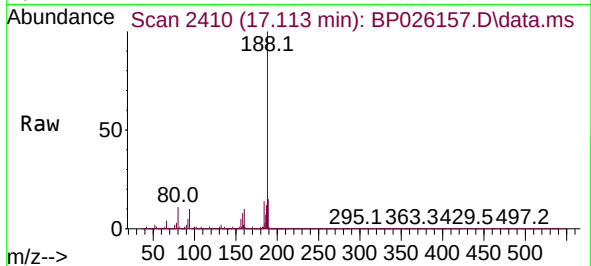
Tgt Ion:188 Resp: 1433456
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 10.5 8.2 12.2

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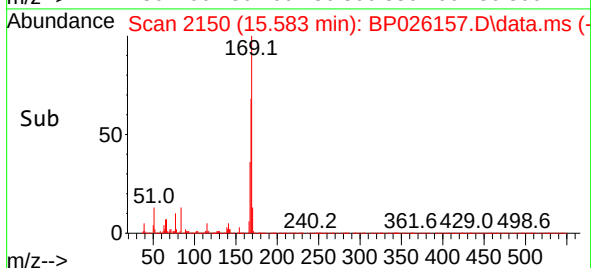
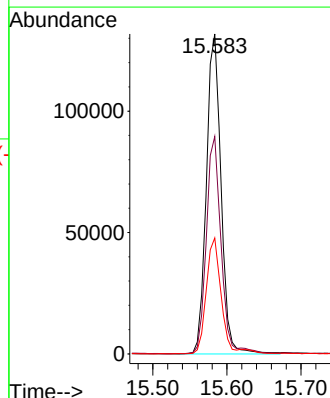
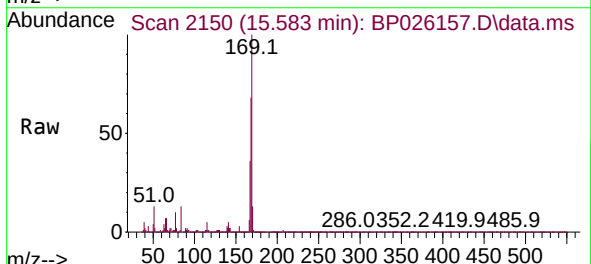
11/20/2025
Supervised By :Sohil
Jodhani

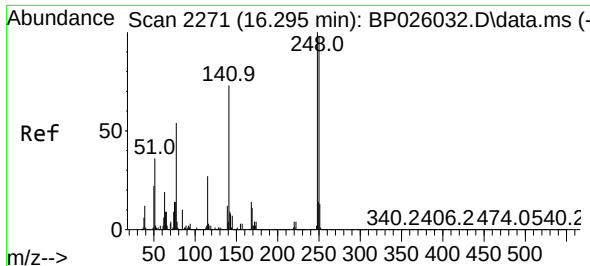
11/20/2025



#66
n-Nitrosodiphenylamine
Concen: 4.084 ng
RT: 15.583 min Scan# 2150
Delta R.T. -0.024 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:169 Resp: 181116
Ion Ratio Lower Upper
169 100
168 67.9 53.1 79.7
167 36.2 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 3.887 ng
RT: 16.278 min Scan# 2271
Delta R.T. -0.029 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025

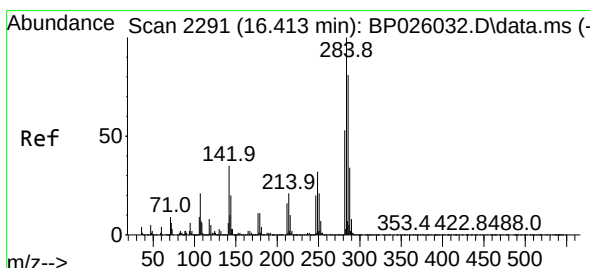
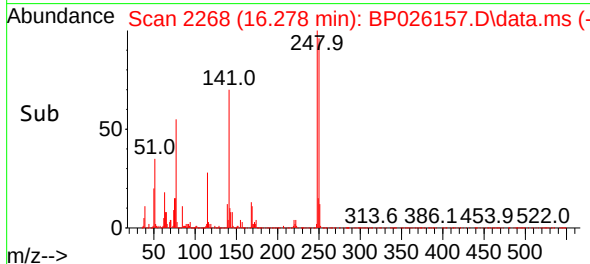
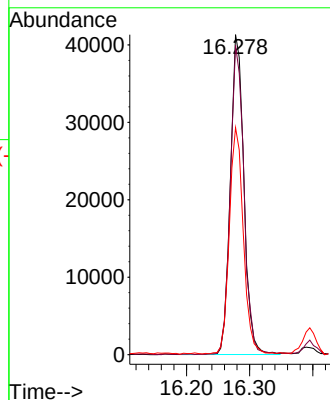
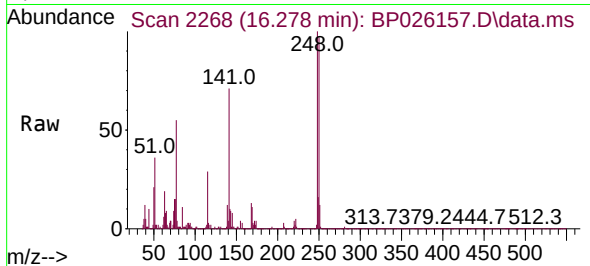
Tgt Ion:248 Resp: 61699
Ion Ratio Lower Upper
248 100
250 96.7 77.8 116.6
141 71.0 55.4 83.0

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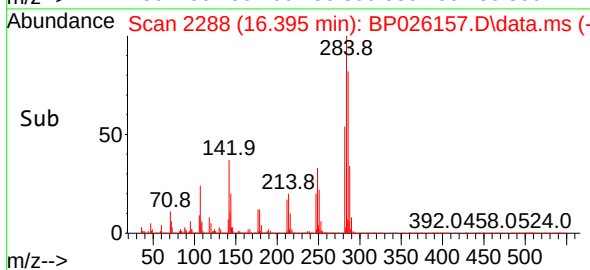
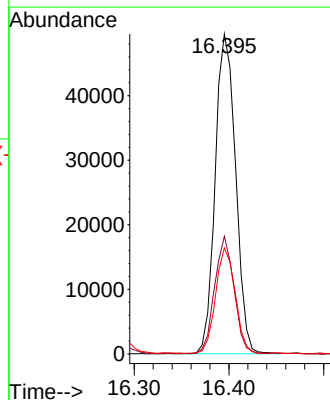
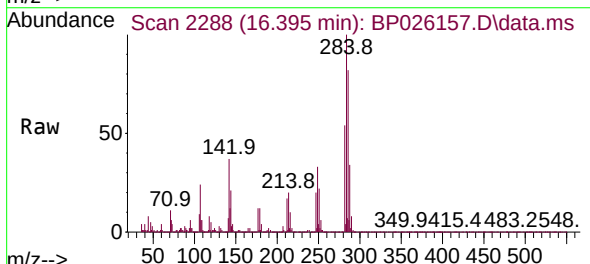
11/20/2025
Supervised By :Sohil
Jodhani

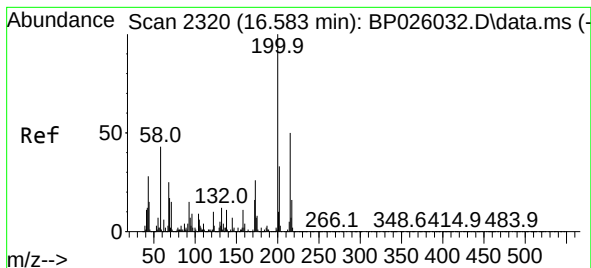
11/20/2025



#68
Hexachlorobenzene
Concen: 4.033 ng
RT: 16.395 min Scan# 2288
Delta R.T. -0.029 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:284 Resp: 74289
Ion Ratio Lower Upper
284 100
142 36.7 28.0 42.0
249 33.1 25.0 37.4





#69

Atrazine

Concen: 3.737 ng

RT: 16.560 min Scan# 2416

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:200	Resp: 62490
Ion Ratio	Lower Upper
200 100	
173 26.5	6.7 46.7
215 48.0	27.4 67.4

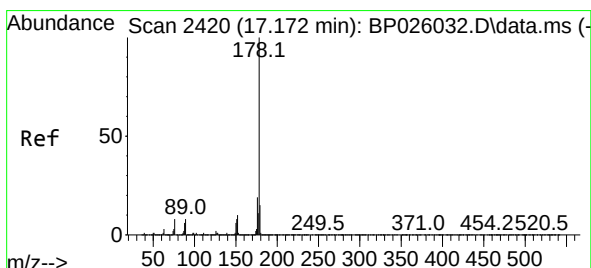
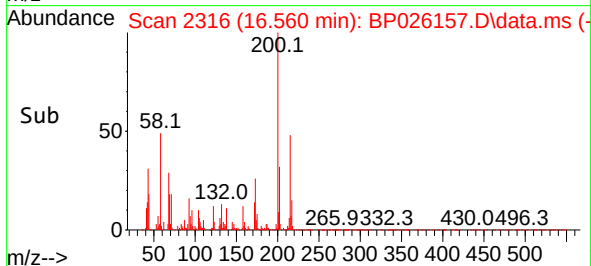
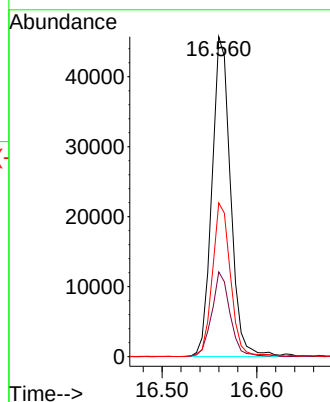
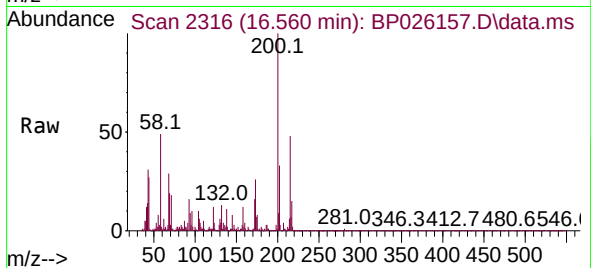
Manual Integrations
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Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#71

Phenanthrene

Concen: 4.198 ng

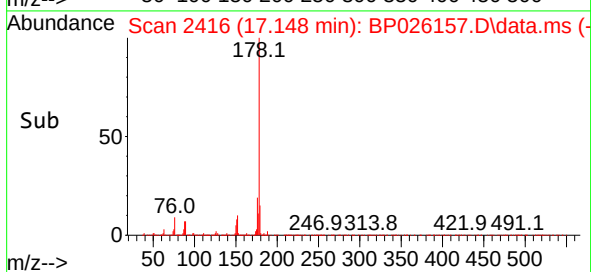
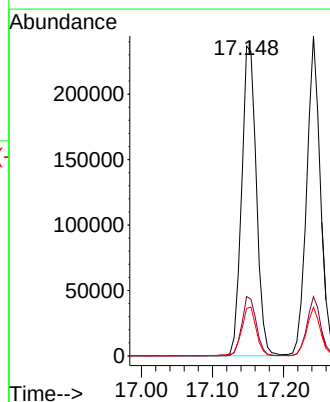
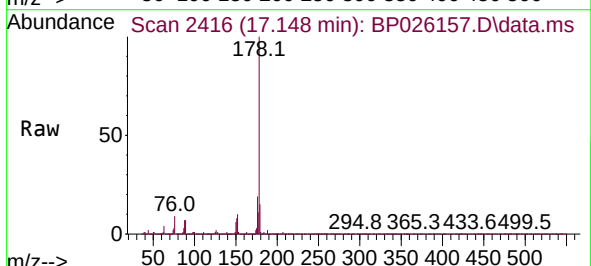
RT: 17.148 min Scan# 2416

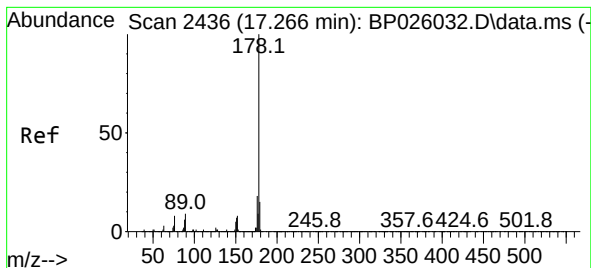
Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:178	Resp: 339008
Ion Ratio	Lower Upper
178 100	
176 19.1	15.4 23.2
179 15.3	12.4 18.6





#72

Anthracene

Concen: 4.039 ng

RT: 17.242 min Scan# 2436

Delta R.T. -0.029 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:178	Resp: 332681
Ion Ratio	Lower Upper
178 100	
176 18.5	14.8 22.2
179 15.2	12.2 18.4

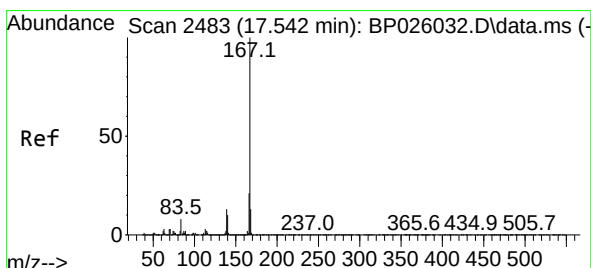
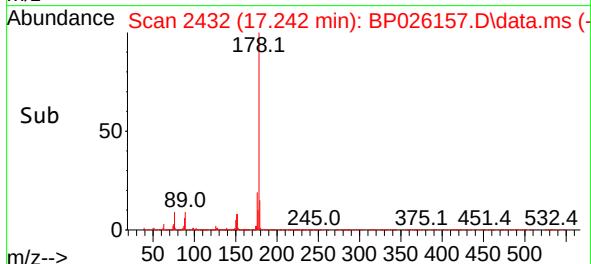
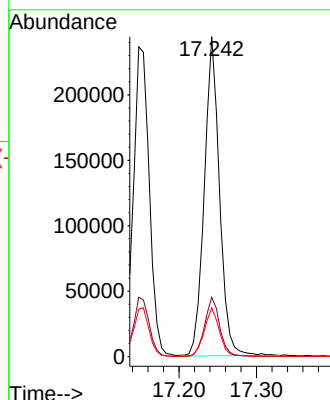
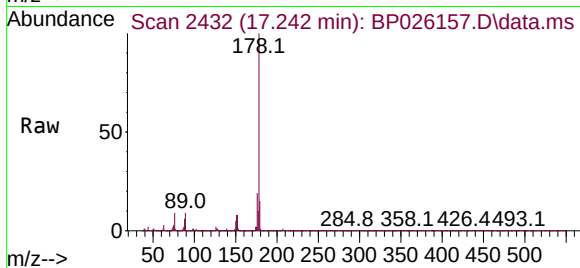
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#73

Carbazole

Concen: 4.063 ng

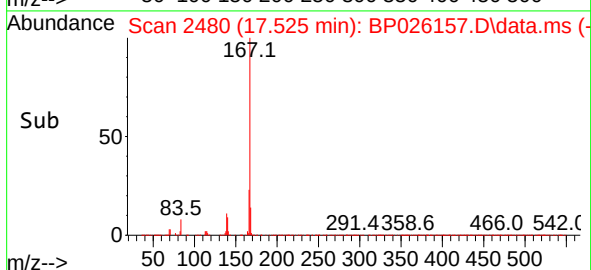
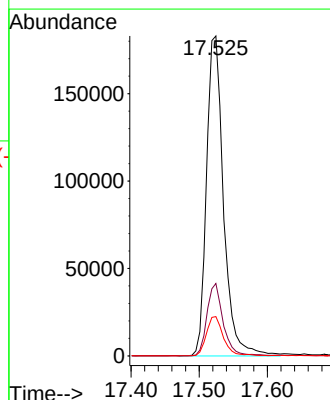
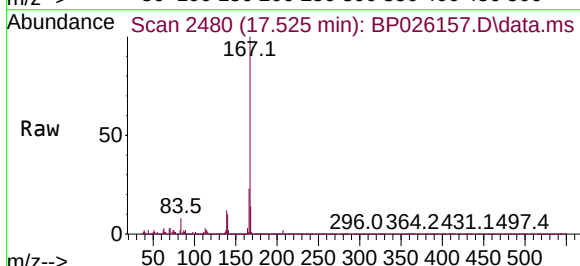
RT: 17.525 min Scan# 2480

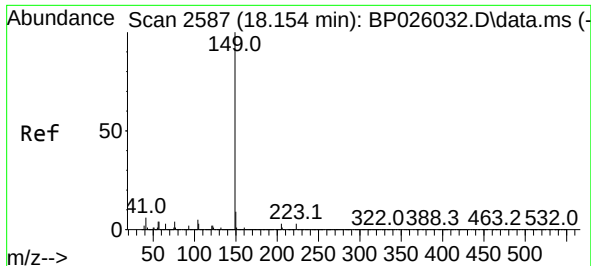
Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

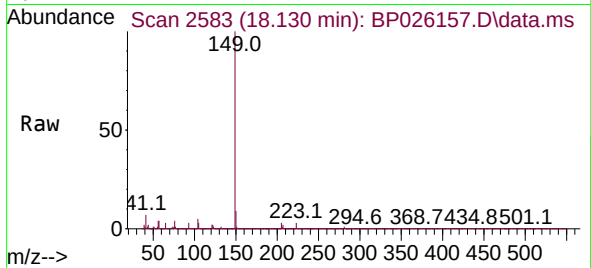
Tgt Ion:167	Resp: 317809
Ion Ratio	Lower Upper
167 100	
166 22.6	17.1 25.7
139 12.3	10.2 15.4





#74
Di-n-butylphthalate
Concen: 3.603 ng
RT: 18.130 min Scan# 2587
Delta R.T. -0.029 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



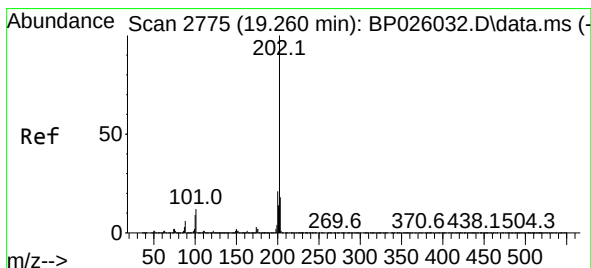
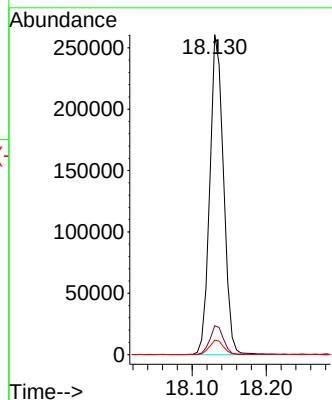
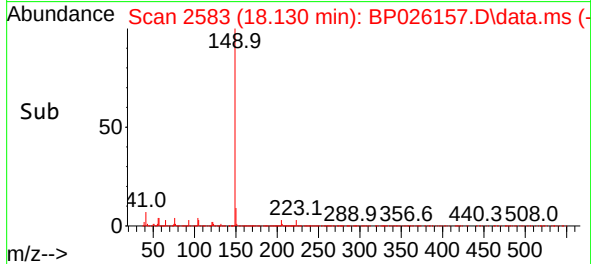
Tgt Ion:149 Resp: 334178
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 4.5 3.6 5.4

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

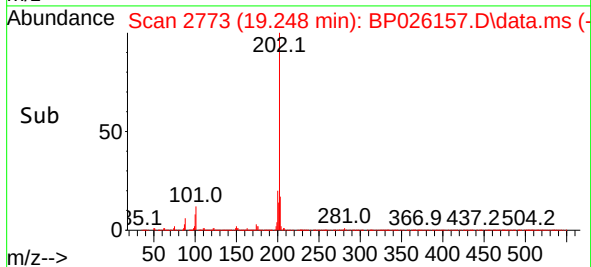
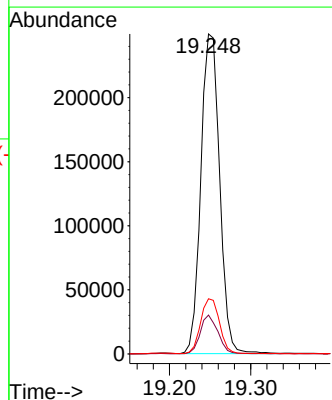
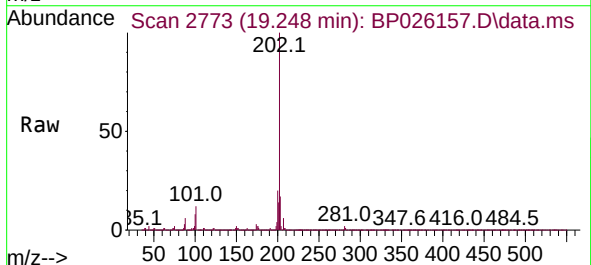
11/20/2025
Supervised By :Sohil
Jodhani

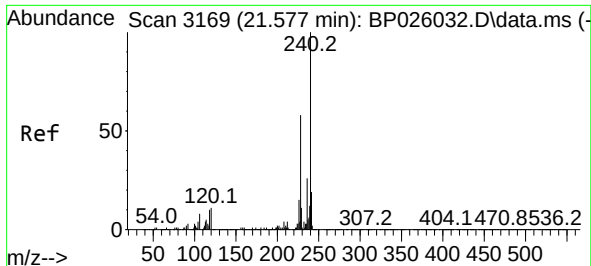
11/20/2025



#75
Fluoranthene
Concen: 4.095 ng
RT: 19.248 min Scan# 2773
Delta R.T. -0.018 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

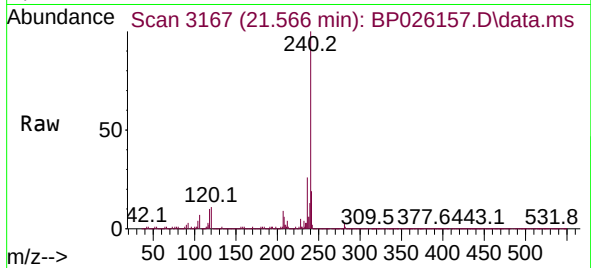
Tgt Ion:202 Resp: 401728
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.2
203 17.2 0.0 37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3169
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



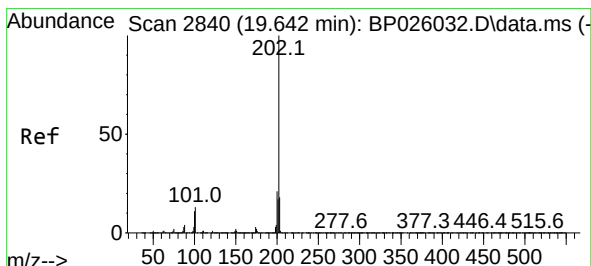
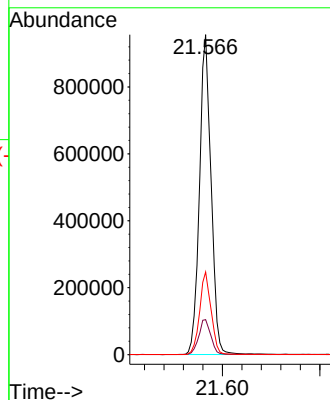
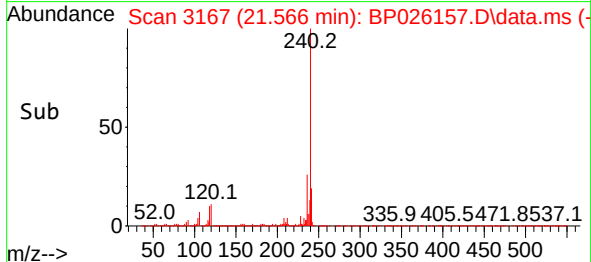
Tgt Ion:240 Resp: 1573718
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 25.8 20.4 30.6

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Reviewed By :Jagrut
Upadhyay

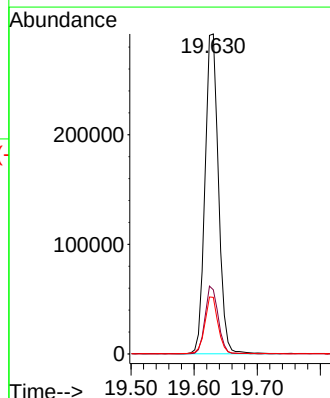
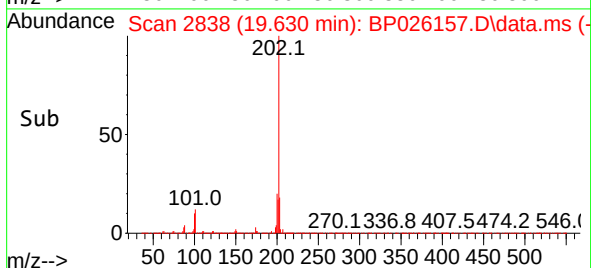
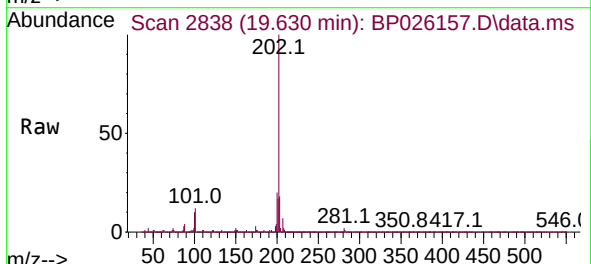
11/20/2025
Supervised By :Sohil
Jodhani

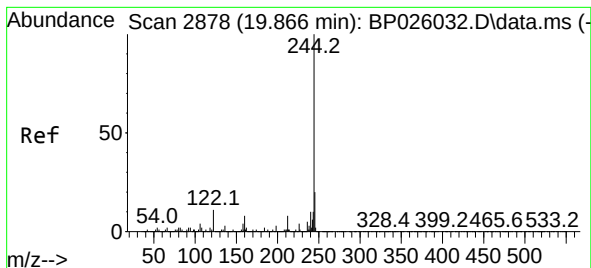
11/20/2025



#78
Pyrene
Concen: 4.177 ng
RT: 19.630 min Scan# 2838
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:202 Resp: 431040
Ion Ratio Lower Upper
202 100
200 20.0 16.9 25.3
203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 79.146 ng

RT: 19.860 min Scan# 2878

Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:244 Resp: 6108373

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.5 8.2 12.2

Manual Integrations

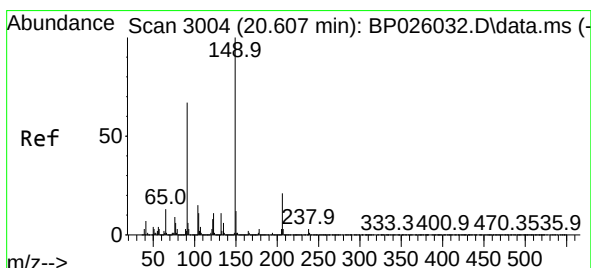
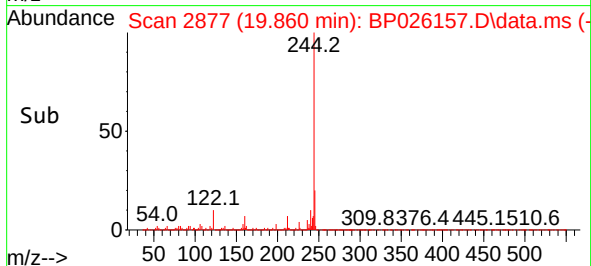
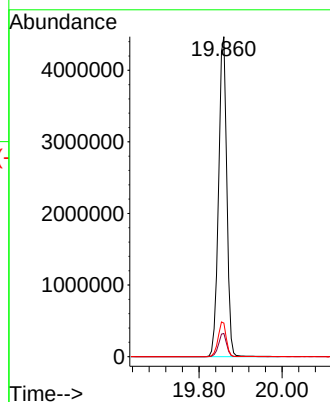
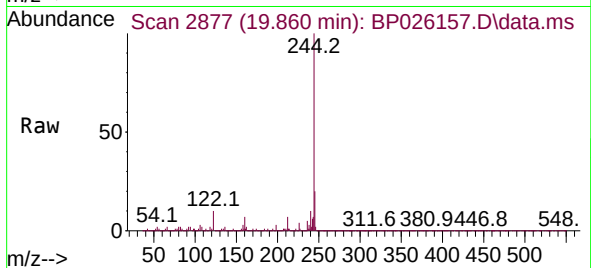
APPROVED

Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#80

Butylbenzylphthalate

Concen: 3.287 ng

RT: 20.601 min Scan# 3003

Delta R.T. -0.006 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

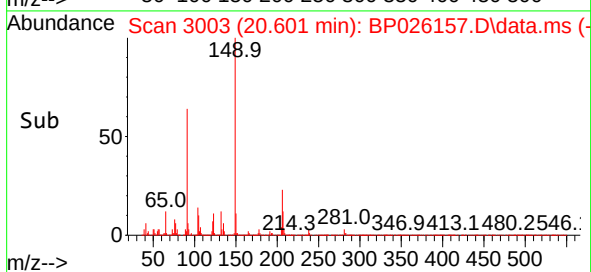
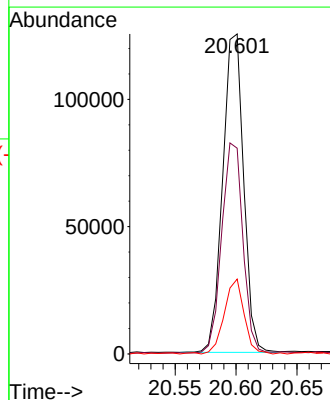
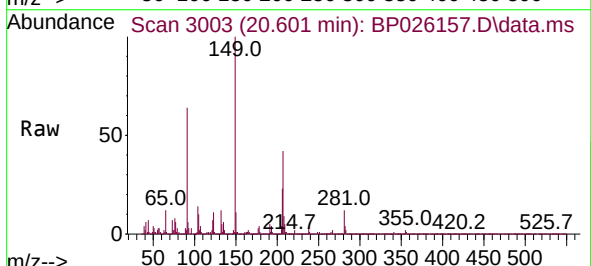
Tgt Ion:149 Resp: 149385

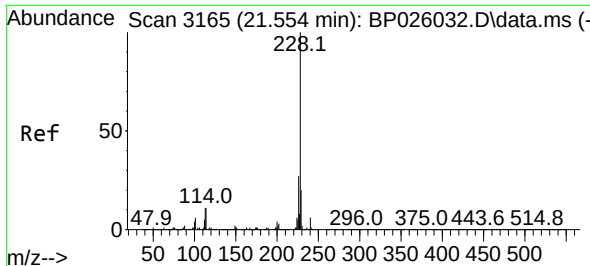
Ion Ratio Lower Upper

149 100

91 64.3 52.6 79.0

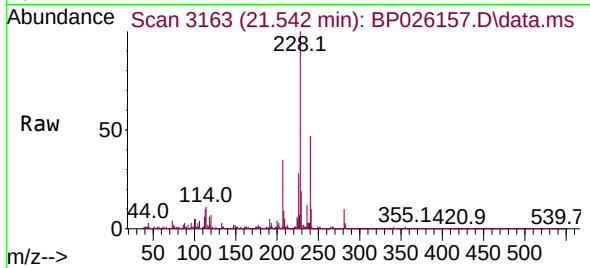
206 23.4 16.9 25.3





#81
Benzo(a)anthracene
Concen: 4.164 ng
RT: 21.542 min Scan# 3163
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument : BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



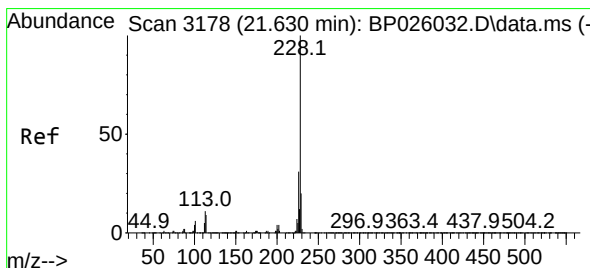
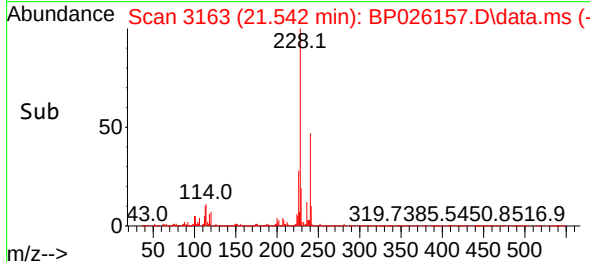
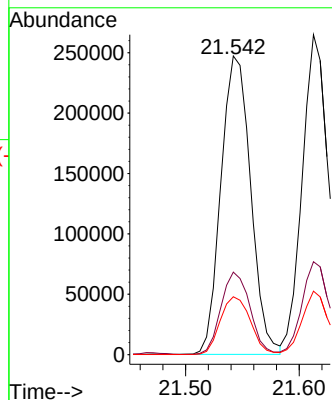
Tgt Ion:228 Resp: 450071
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.4 15.9 23.9

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Reviewed By :Jagrut
Upadhyay

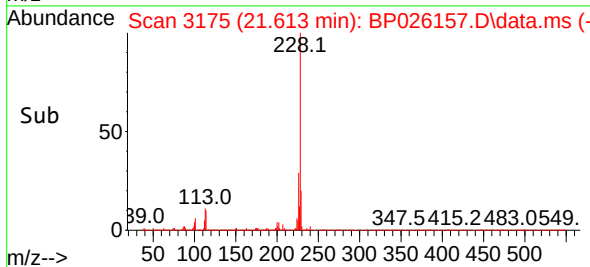
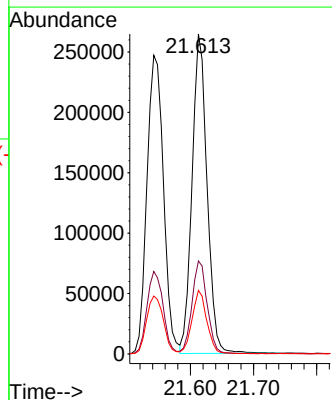
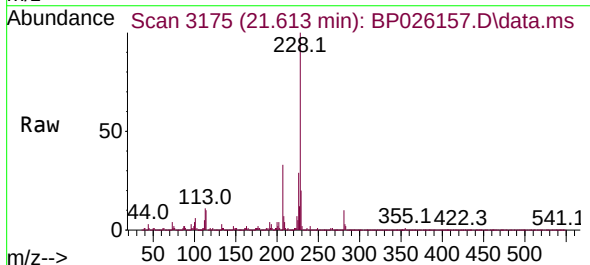
11/20/2025
Supervised By :Sohil
Jodhani

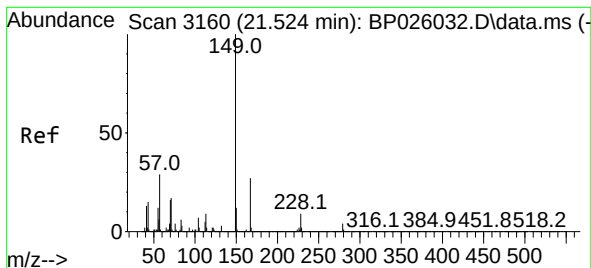
11/20/2025



#83
Chrysene
Concen: 4.278 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

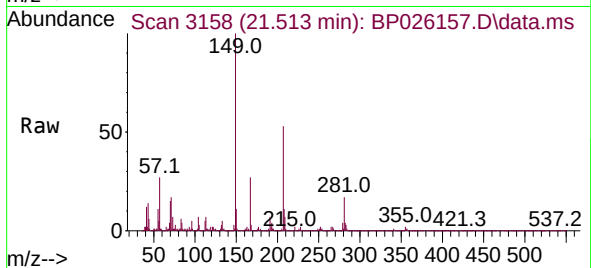
Tgt Ion:228 Resp: 435769
Ion Ratio Lower Upper
228 100
226 29.0 23.9 35.9
229 19.8 15.9 23.9





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.368 ng
RT: 21.513 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT4-2025



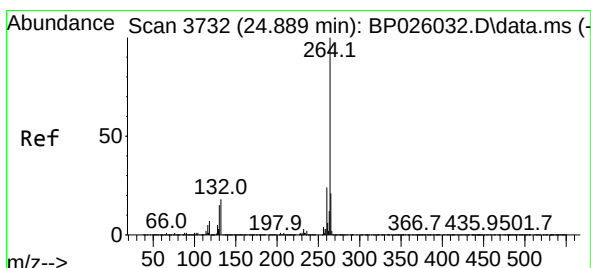
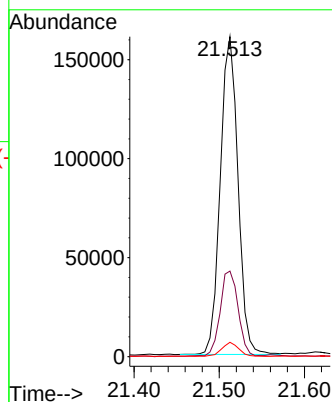
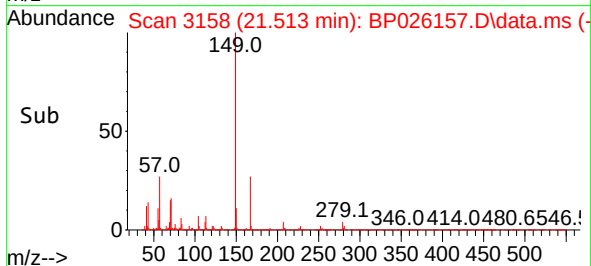
Tgt Ion:149 Resp: 231702
Ion Ratio Lower Upper
149 100
167 26.7 22.1 33.1
279 4.5 3.3 4.9

Manual Integrations
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Reviewed By :Jagrut
Upadhyay

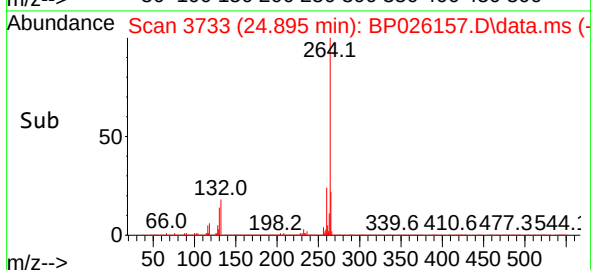
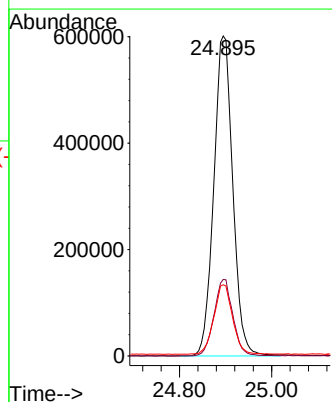
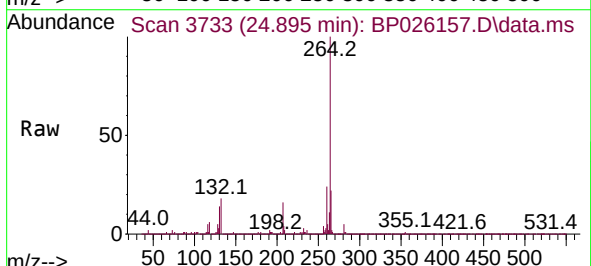
11/20/2025
Supervised By :Sohil
Jodhani

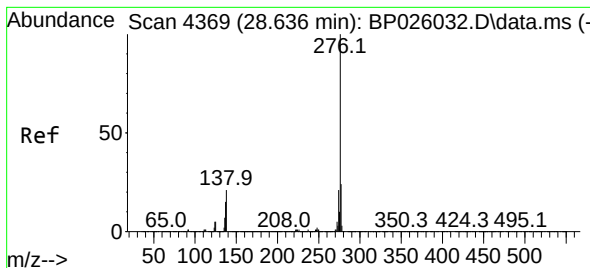
11/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.895 min Scan# 3733
Delta R.T. -0.012 min
Lab File: BP026157.D
Acq: 19 Nov 2025 12:57

Tgt Ion:264 Resp: 1721658
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.888 ng m

RT: 28.659 min Scan# 4369

Delta R.T. -0.047 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:	276	Resp:	502050
Ion Ratio	Lower	Upper	
276	100		
138	16.8	13.8	20.8
277	19.5	16.7	25.1

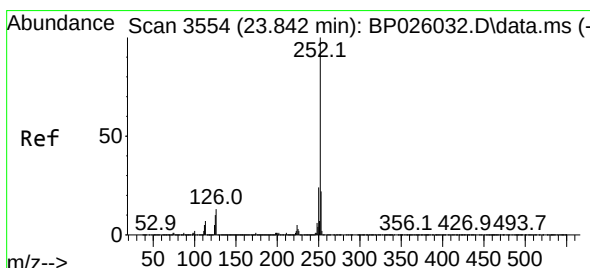
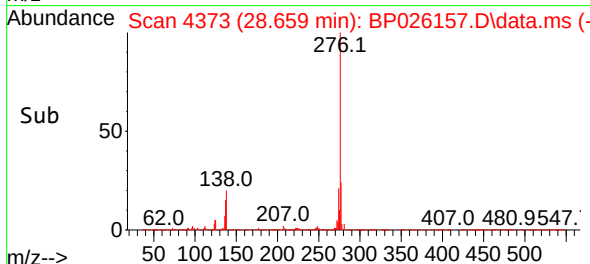
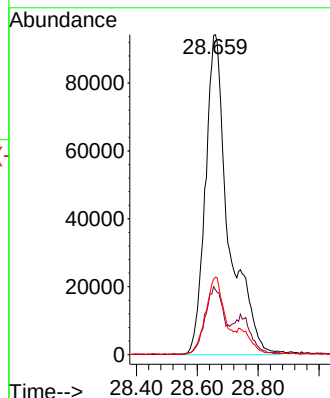
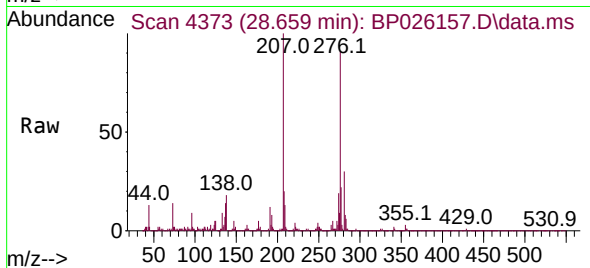
Manual Integrations
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Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#88

Benzo(b)fluoranthene

Concen: 4.083 ng

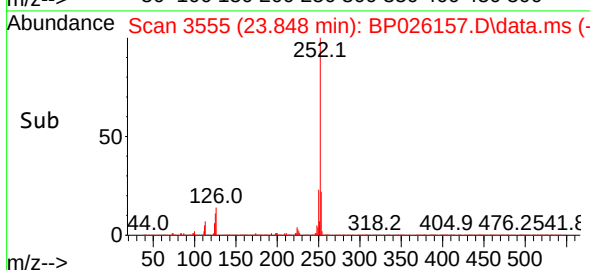
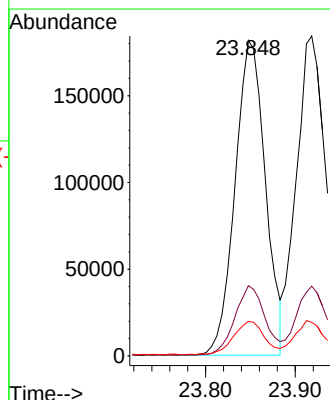
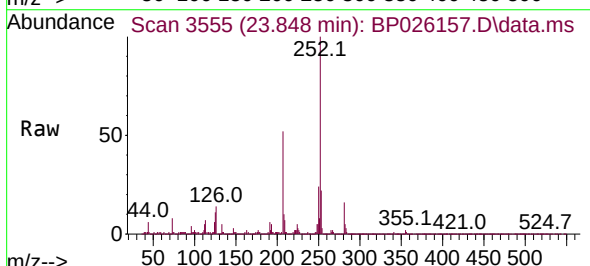
RT: 23.848 min Scan# 3555

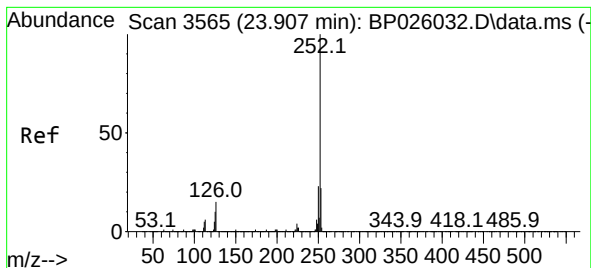
Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:	252	Resp:	428132
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.6	26.4
125	11.0	8.2	12.4





#89

Benzo(k)fluoranthene

Concen: 4.122 ng

RT: 23.918 min Scan# 3565

Delta R.T. -0.018 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:	252	Resp:	431716
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	10.5	7.5	11.3

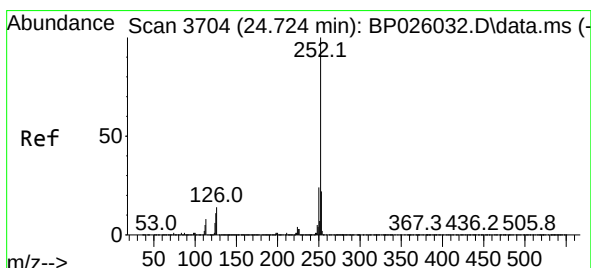
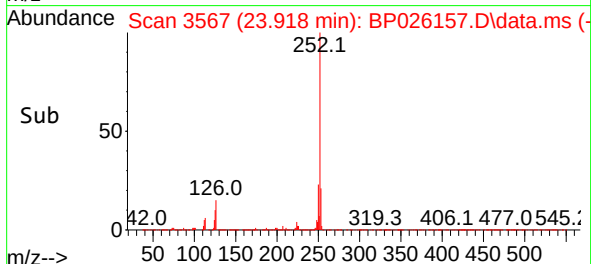
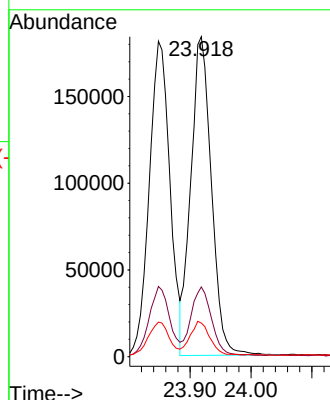
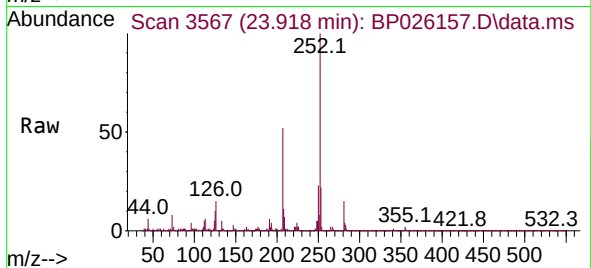
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#90

Benzo(a)pyrene

Concen: 4.057 ng

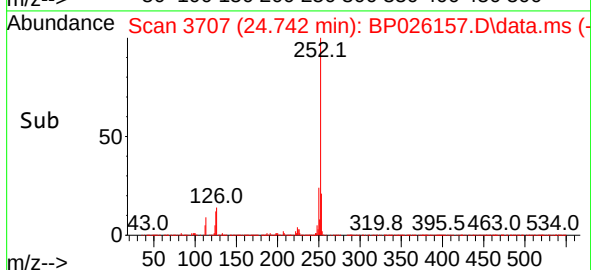
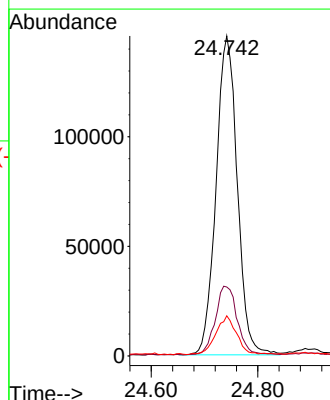
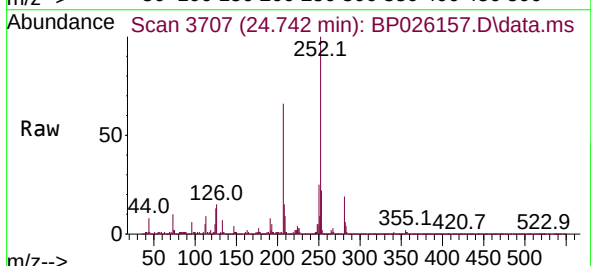
RT: 24.742 min Scan# 3707

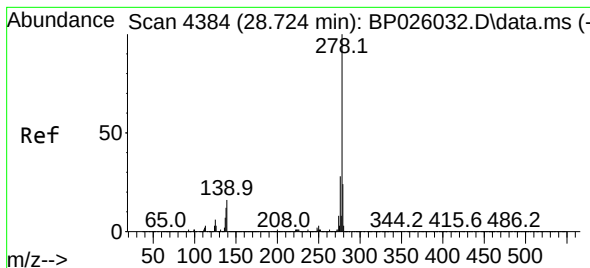
Delta R.T. -0.012 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:	252	Resp:	402917
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.2
125	12.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 3.875 ng

RT: 28.753 min Scan# 4389

Delta R.T. -0.041 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Instrument :

BNA_P

ClientSampleId :

LOQ-SOIL-02-QT4-2025

Tgt Ion:	278	Resp:	409616
Ion Ratio	Lower	Upper	
278	100		
139	17.4	13.2	19.8
279	22.7	19.2	28.8

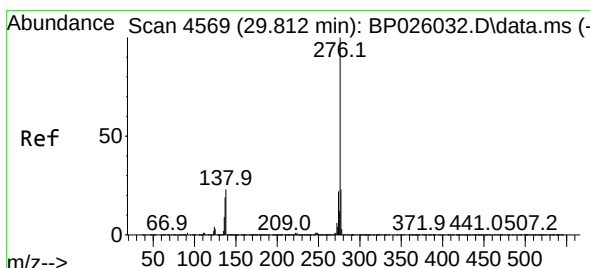
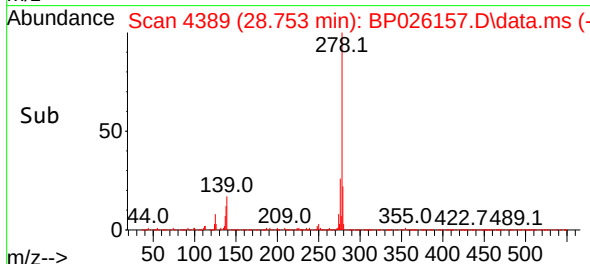
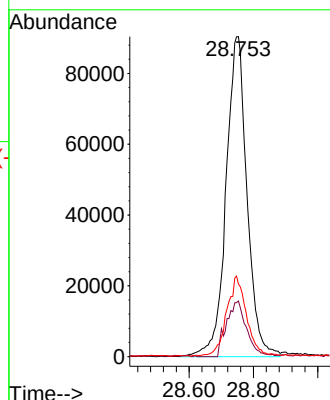
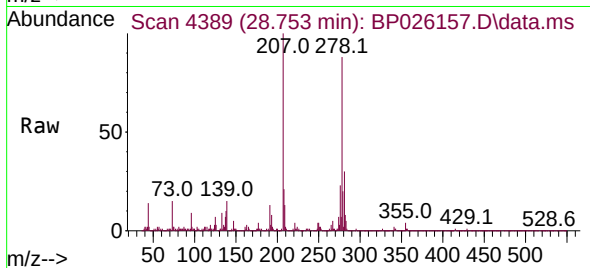
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay

11/20/2025

Supervised By :Sohil
Jodhani

11/20/2025



#92

Benzo(g,h,i)perylene

Concen: 3.896 ng

RT: 29.812 min Scan# 4569

Delta R.T. -0.071 min

Lab File: BP026157.D

Acq: 19 Nov 2025 12:57

Tgt Ion:	276	Resp:	409345
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.8	28.2
138	21.5	17.8	26.6

