

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
 Data File : BP025672.D
 Acq On : 05 Sep 2025 10:40
 Operator : CG/JU
 Sample : Q2893-03
 Misc : MDL-SOIL 4PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

Quant Time: Sep 06 05:16:09 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	160894	20.000	ng	-0.03
21) Naphthalene-d8	10.543	136	637019	20.000	ng	-0.02
39) Acenaphthene-d10	14.395	164	427145	20.000	ng	-0.01
64) Phenanthrene-d10	17.195	188	847120	20.000	ng	0.00
76) Chrysene-d12	21.630	240	935440	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1018028	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.396	112	1082453	111.727	ng	-0.01
7) Phenol-d6	6.955	99	1383728	111.400	ng	-0.01
23) Nitrobenzene-d5	8.913	82	967950	76.865	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	698986	121.575	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2264183	72.444	ng	-0.01
79) Terphenyl-d14	19.913	244	3985376	77.948	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	14573	3.840	ng	96
3) Pyridine	3.731	79	34553	3.327	ng	92
4) n-Nitrosodimethylamine	3.631	42	17256	4.030	ng	# 78
6) Aniline	7.108	93	56249	3.361	ng	# 95
8) 2-Chlorophenol	7.343	128	39632	3.625	ng	91
9) Benzaldehyde	6.925	77	35200	4.045	ng	97
10) Phenol	6.984	94	45333	3.478	ng	79
11) bis(2-Chloroethyl)ether	7.196	93	36842	3.627	ng	98
12) 1,3-Dichlorobenzene	7.660	146	43572	3.614	ng	97
13) 1,4-Dichlorobenzene	7.802	146	44814	3.637	ng	92
14) 1,2-Dichlorobenzene	8.113	146	44183	3.704	ng	98
15) Benzyl Alcohol	8.013	79	31103	3.151	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.290	45	51864	3.811	ng	98
17) 2-Methylphenol	8.213	107	29229	3.229	ng	95
18) Hexachloroethane	8.837	117	16818	3.712	ng	96
19) n-Nitroso-di-n-propyla...	8.560	70	29500	3.585	ng	94
20) 3+4-Methylphenols	8.555	107	39872	3.178	ng	94
22) Acetophenone	8.584	105	58712	3.675	ng	# 97
24) Nitrobenzene	8.949	77	45371	4.031	ng	93
25) Isophorone	9.484	82	78632	3.528	ng	97
26) 2-Nitrophenol	9.660	139	17416	3.015	ng	# 86
27) 2,4-Dimethylphenol	9.737	122	33055	3.328	ng	97
28) bis(2-Chloroethoxy)met...	9.954	93	46307	3.437	ng	98
29) 2,4-Dichlorophenol	10.231	162	28387	2.877	ng	98
30) 1,2,4-Trichlorobenzene	10.402	180	39013	3.607	ng	95
31) Naphthalene	10.590	128	118751	3.587	ng	99
32) Benzoic acid	9.866	122	9249m	1.261	ng	
33) 4-Chloroaniline	10.713	127	43182	2.953	ng	96
34) Hexachlorobutadiene	10.878	225	25100	3.726	ng	95
35) Caprolactam	11.490	113	10940	3.024	ng	# 86
36) 4-Chloro-3-methylphenol	11.843	107	37848	3.343	ng	88
37) 2-Methylnaphthalene	12.207	142	75784	3.517	ng	96
38) 1-Methylnaphthalene	12.419	142	82776	3.612	ng	99
40) 1,2,4,5-Tetrachloroben...	12.572	216	44627	3.617	ng	99
41) Hexachlorocyclopentadiene	12.554	237	11192	1.502	ng	91
43) 2,4,6-Trichlorophenol	12.831	196	25631	3.078	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.913	196	29670	3.251	ng	95
46) 1,1'-Biphenyl	13.213	154	113881	3.671	ng	96
47) 2-Chloronaphthalene	13.254	162	85999	3.561	ng	98
48) 2-Nitroaniline	13.472	65	22538	3.203	ng	85
49) Acenaphthylene	14.119	152	138405	3.463	ng	99
50) Dimethylphthalate	13.842	163	114308	3.654	ng	98
51) 2,6-Dinitrotoluene	13.966	165	21956	3.330	ng	# 84
52) Acenaphthene	14.460	154	83426	3.557	ng	99
53) 3-Nitroaniline	14.313	138	21151	2.851	ng	96
54) 2,4-Dinitrophenol	14.537	184	5872m	1.668	ng	
55) Dibenzofuran	14.801	168	134617	3.630	ng	97
56) 4-Nitrophenol	14.719	139	5689m	0.933	ng	
57) 2,4-Dinitrotoluene	14.772	165	29287	3.114	ng	# 90
58) Fluorene	15.460	166	108259	3.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.042	232	27588m	3.423	ng	
60) Diethylphthalate	15.225	149	118406	3.725	ng	98
61) 4-Chlorophenyl-phenyle...	15.460	204	55222	3.794	ng	97
62) 4-Nitroaniline	15.513	138	17143m	2.254	ng	
63) Azobenzene	15.754	77	102606	3.770	ng	98
65) 4,6-Dinitro-2-methylph...	15.566	198	12439	2.356	ng	93
66) n-Nitrosodiphenylamine	15.672	169	93959	3.637	ng	98
67) 4-Bromophenyl-phenylether	16.372	248	35291	3.788	ng	96
68) Hexachlorobenzene	16.495	284	41324	3.826	ng	98
69) Atrazine	16.648	200	34308	3.546	ng	94
70) Pentachlorophenol	16.860	266	18340	2.690	ng	94
71) Phenanthrene	17.236	178	176814	3.800	ng	100
72) Anthracene	17.336	178	171351	3.606	ng	99
73) Carbazole	17.625	167	153413	3.427	ng	98
74) Di-n-butylphthalate	18.207	149	193312	3.510	ng	100
75) Fluoranthene	19.319	202	204431	3.683	ng	99
77) Benzidine	19.530	184	81210	2.544	ng	99
78) Pyrene	19.695	202	212513	3.495	ng	99
80) Butylbenzylphthalate	20.630	149	90901	3.299	ng	93
81) Benzo(a)anthracene	21.613	228	219298	3.555	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	73034	3.141	ng	97
83) Chrysene	21.677	228	211723	3.665	ng	98
84) Bis(2-ethylhexyl)phtha...	21.548	149	141335	3.484	ng	99
85) Di-n-octyl phthalate	22.830	149	232705	3.335	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.836	276	250847	3.360	ng	93
88) Benzo(b)fluoranthene	23.936	252	208755	3.478	ng	99
89) Benzo(k)fluoranthene	24.007	252	218273m	3.634	ng	
90) Benzo(a)pyrene	24.836	252	203799	3.488	ng	98
91) Dibenzo(a,h)anthracene	28.912	278	199309	3.267	ng	99
92) Benzo(g,h,i)perylene	30.024	276	199611	3.328	ng	# 94

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

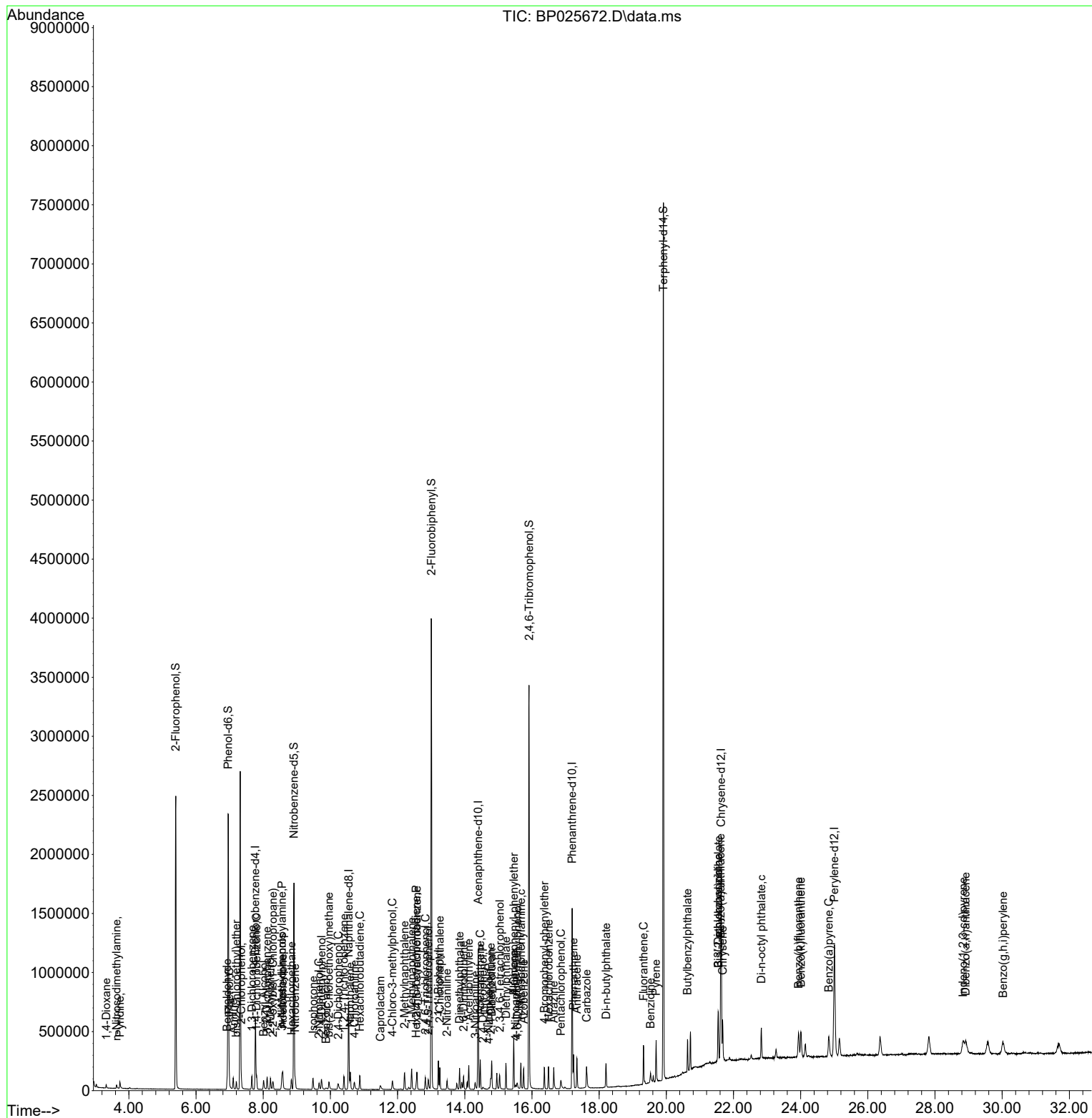
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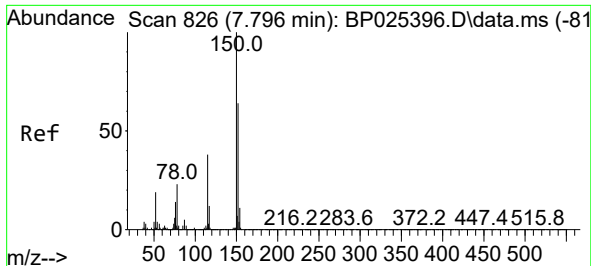
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025

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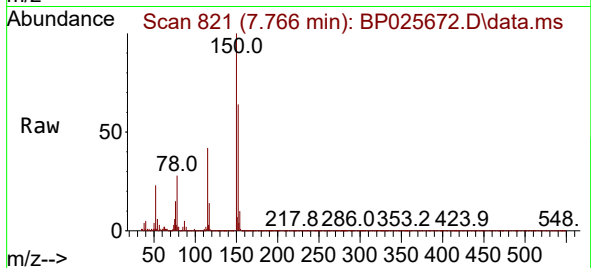
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.766 min Scan# 81
 Delta R.T. -0.030 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

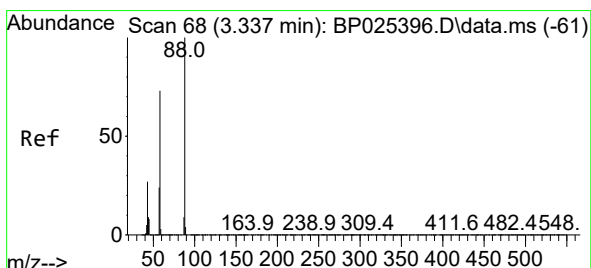
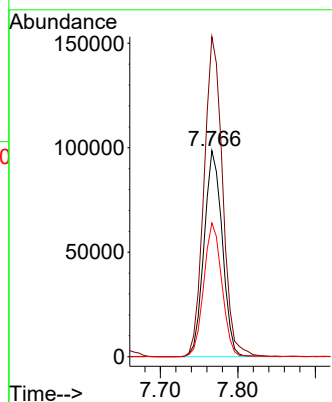
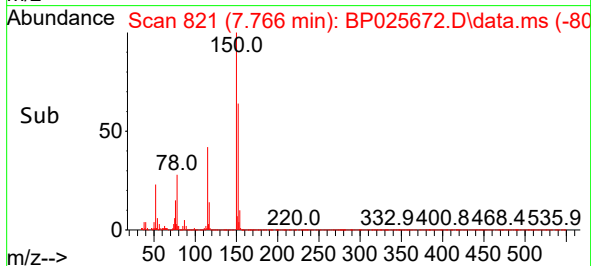
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 ClientSampleId :
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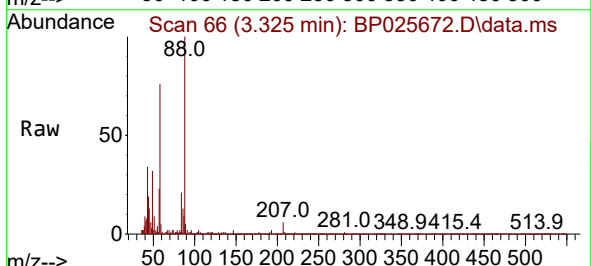
Tgt Ion: 152 Resp: 160894
 Ion Ratio Lower Upper
 152 100
 150 155.3 125.9 188.9
 115 64.9 48.5 72.7

Manual Integrations
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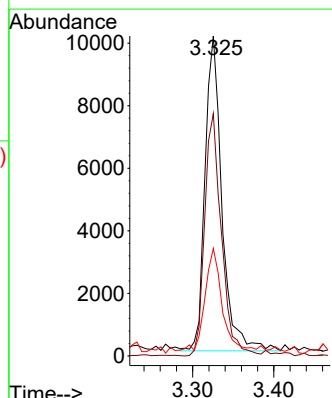
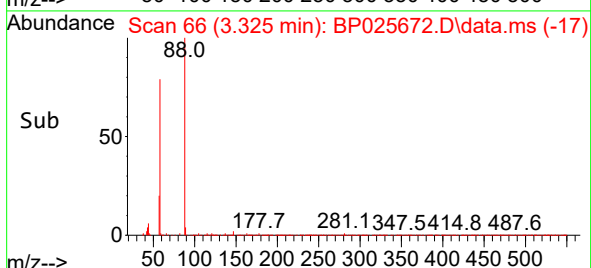
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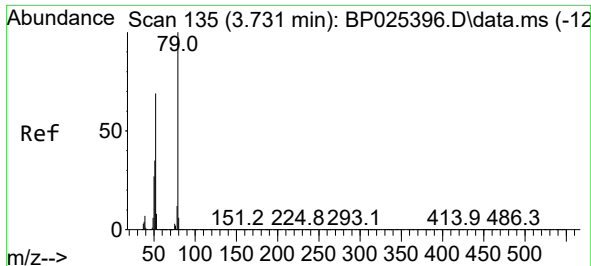


#2
 1,4-Dioxane
 Concen: 3.840 ng
 RT: 3.325 min Scan# 66
 Delta R.T. -0.012 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40



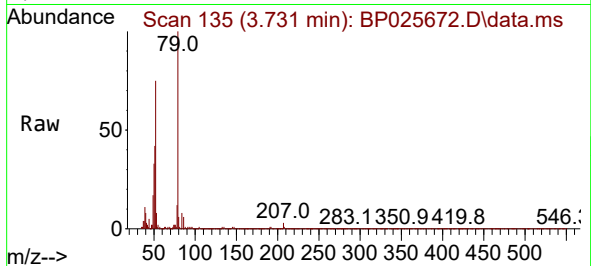
Tgt Ion: 88 Resp: 14573
 Ion Ratio Lower Upper
 88 100
 58 76.3 59.2 88.8
 43 31.9 21.7 32.5





#3
Pyridine
Concen: 3.327 ng
RT: 3.731 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

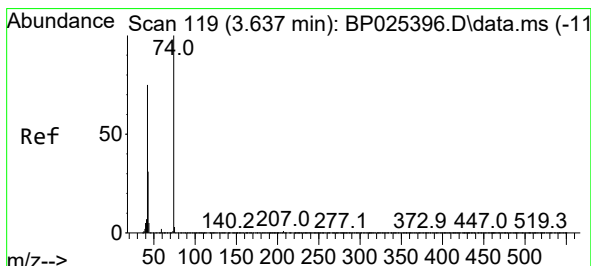
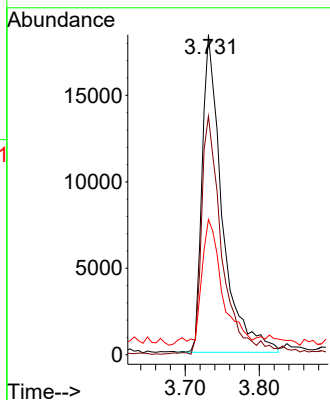
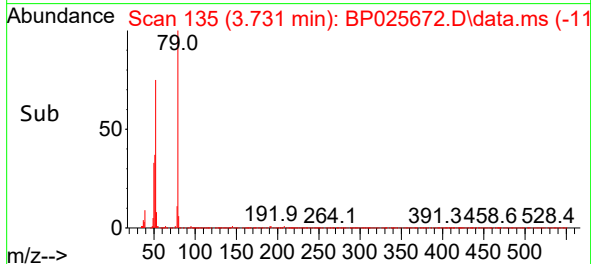
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



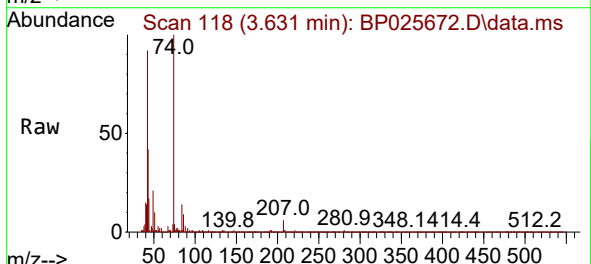
Tgt Ion: 79 Resp: 3455
Ion Ratio Lower Upper
79 100
52 74.5 55.5 83.3
51 42.3 28.3 42.5

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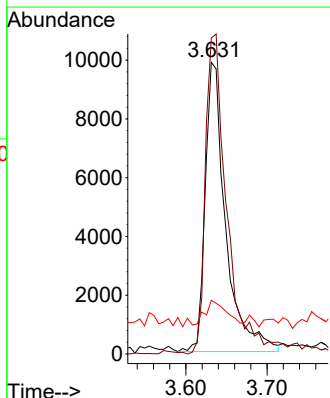
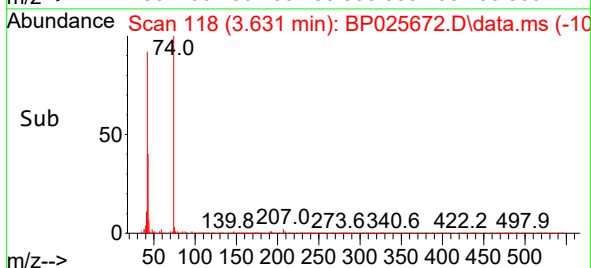
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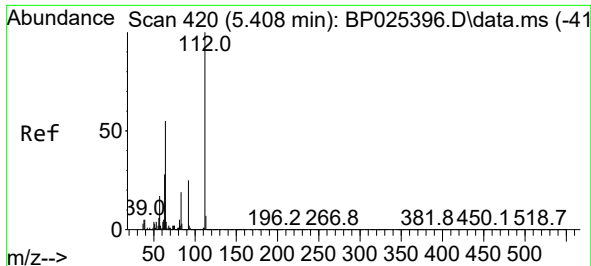


#4
n-Nitrosodimethylamine
Concen: 4.030 ng
RT: 3.631 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion: 42 Resp: 17256
Ion Ratio Lower Upper
42 100
74 108.3 107.0 160.4
44 18.4 6.2 9.4





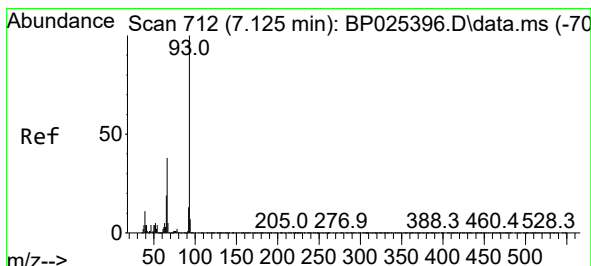
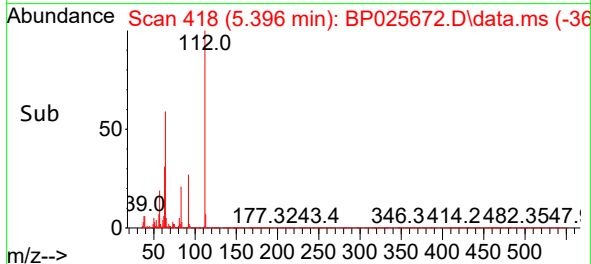
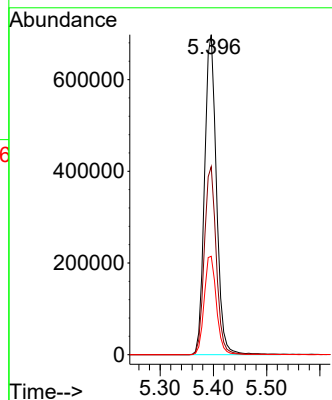
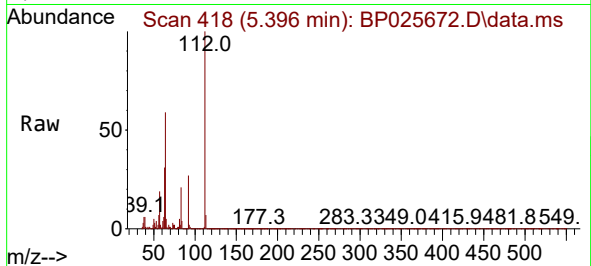
#5
2-Fluorophenol
Concen: 111.727 ng
RT: 5.396 min Scan# 41
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:112 Resp: 108245
Ion Ratio Lower Upper
112 100
64 58.7 43.8 65.8
63 30.8 22.7 34.1

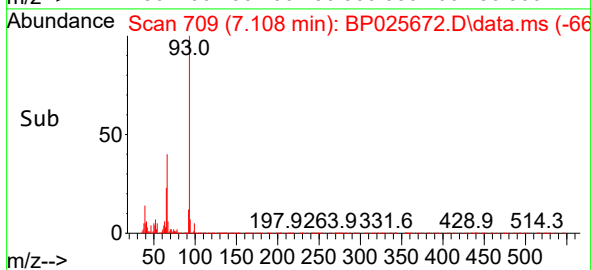
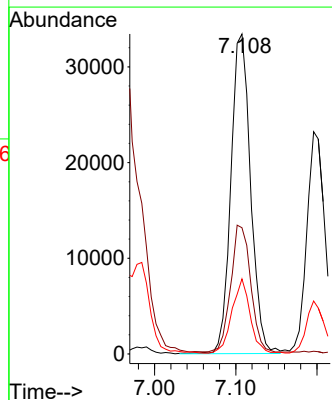
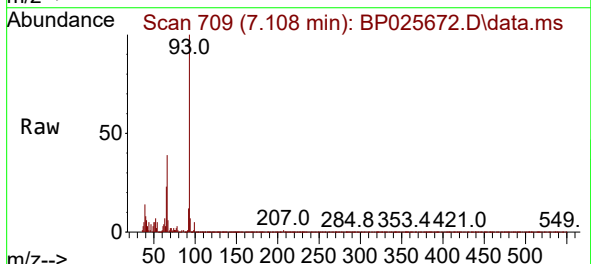
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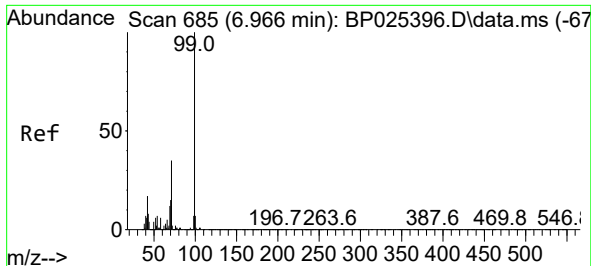
Reviewed By :Rahul Chavli 09/08/2025
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#6
Aniline
Concen: 3.361 ng
RT: 7.108 min Scan# 709
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

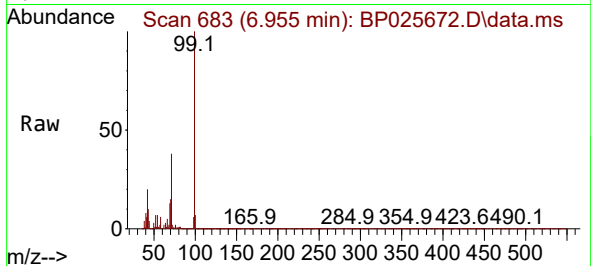
Tgt Ion: 93 Resp: 56249
Ion Ratio Lower Upper
93 100
66 39.5 30.4 45.6
65 23.5 15.3 22.9#





#7
Phenol-d6
Concen: 111.400 ng
RT: 6.955 min Scan# 683
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

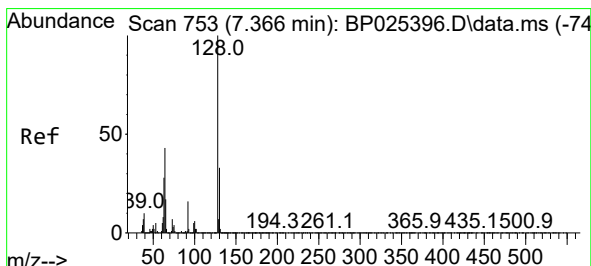
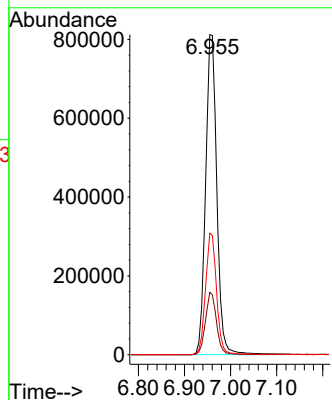
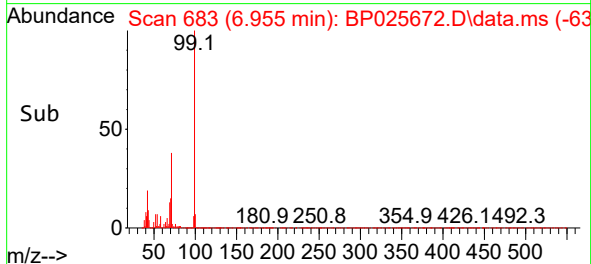
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Tgt Ion: 99 Resp: 1383728
Ion Ratio Lower Upper
99 100
42 19.5 13.7 20.5
71 38.0 28.2 42.4

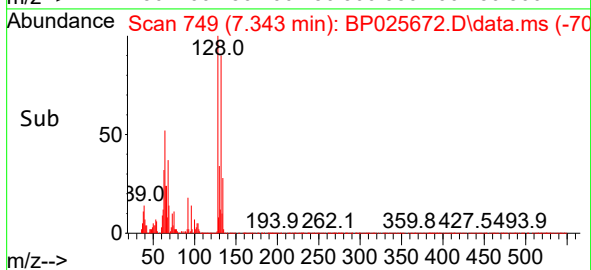
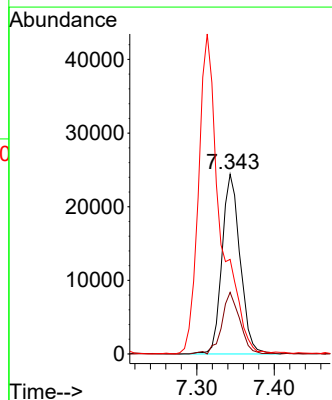
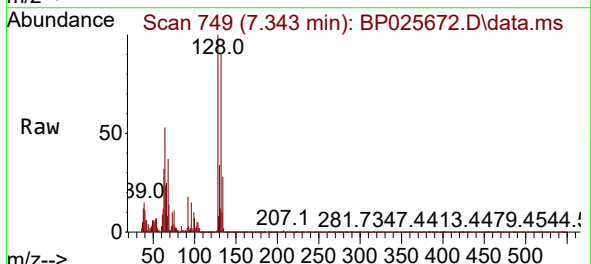
Manual Integrations
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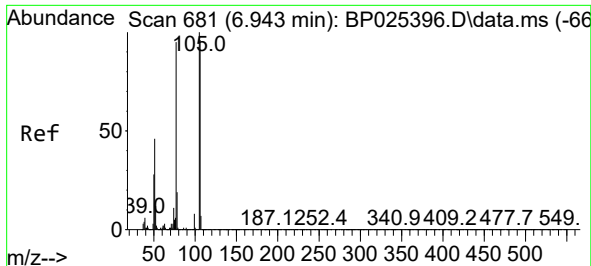
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#8
2-Chlorophenol
Concen: 3.625 ng
RT: 7.343 min Scan# 749
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:128 Resp: 39632
Ion Ratio Lower Upper
128 100
130 34.3 12.6 52.6
64 52.6 23.4 63.4





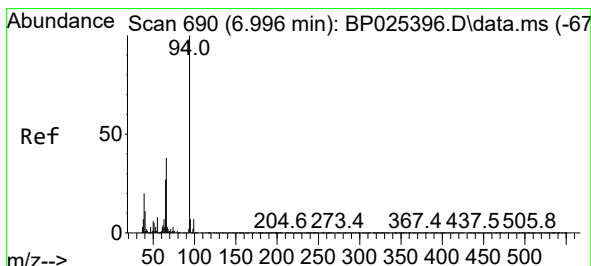
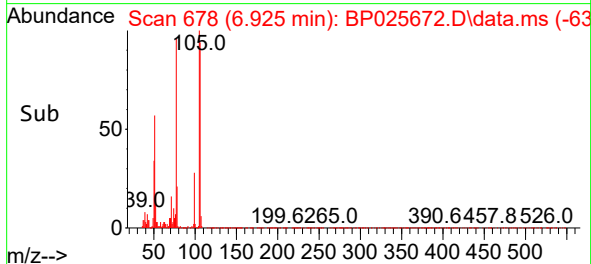
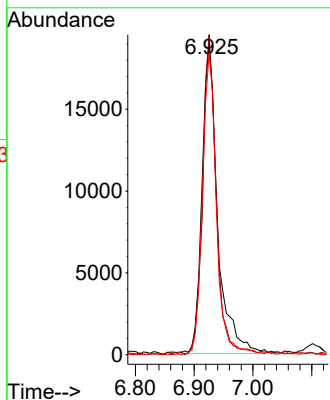
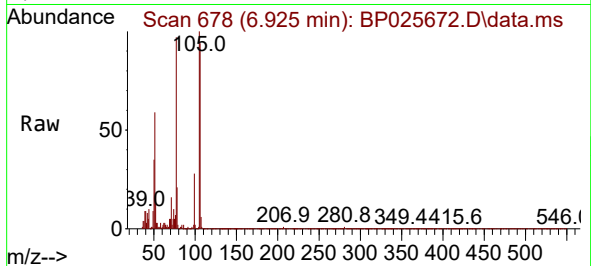
#9
Benzaldehyde
Concen: 4.045 ng
RT: 6.925 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 35200
Ion Ratio Lower Upper
77 100
105 102.9 84.8 124.8
106 96.9 80.5 120.5

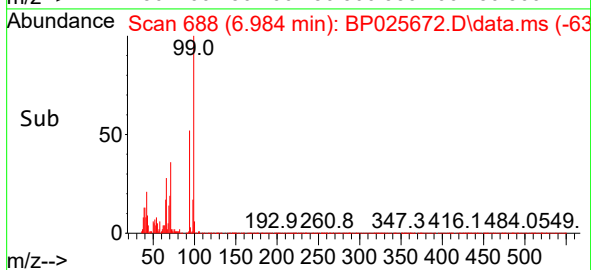
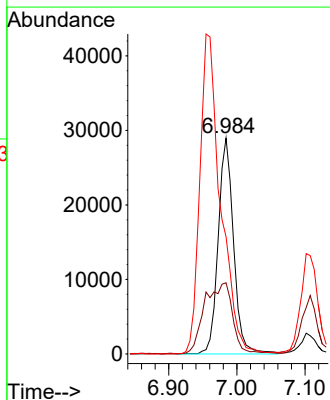
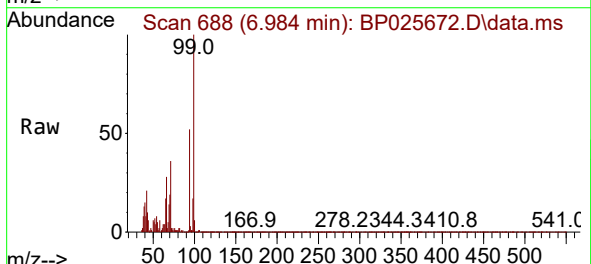
Manual Integrations
APPROVED

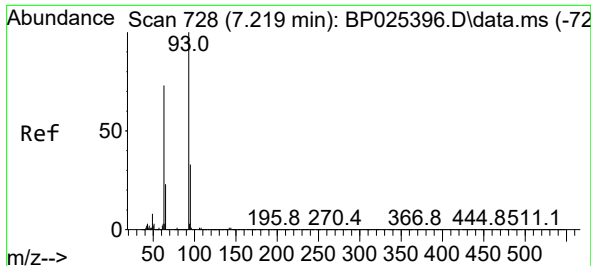
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#10
Phenol
Concen: 3.478 ng
RT: 6.984 min Scan# 688
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

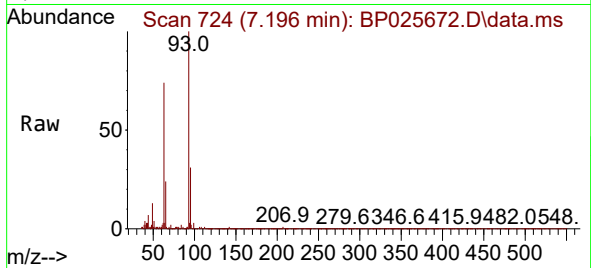
Tgt Ion: 94 Resp: 45333
Ion Ratio Lower Upper
94 100
65 33.0 6.8 46.8
66 54.4 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 3.627 ng
RT: 7.196 min Scan# 71
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

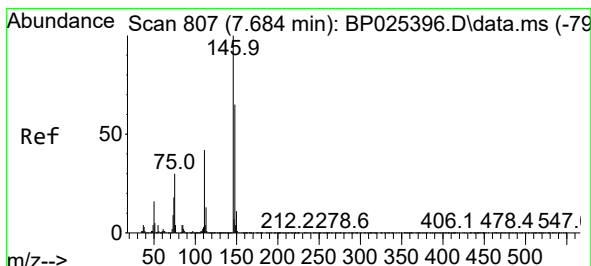
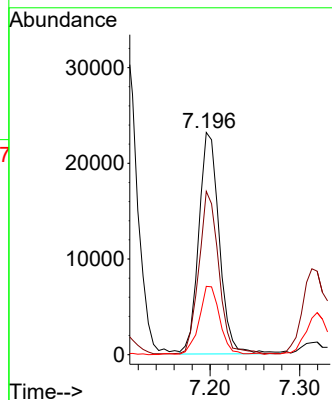
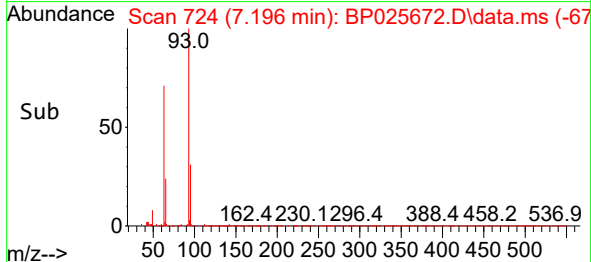
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



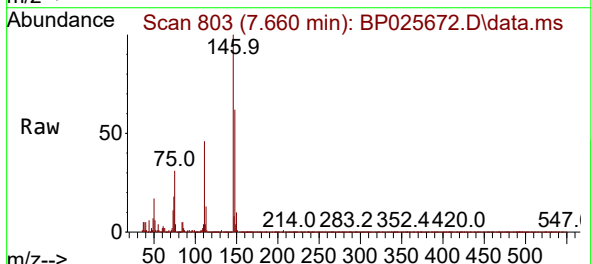
Tgt Ion: 93 Resp: 3684
Ion Ratio Lower Upper
93 100
63 73.5 52.6 92.6
95 30.8 12.7 52.7

Manual Integrations
APPROVED

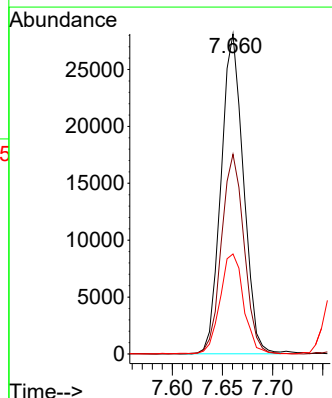
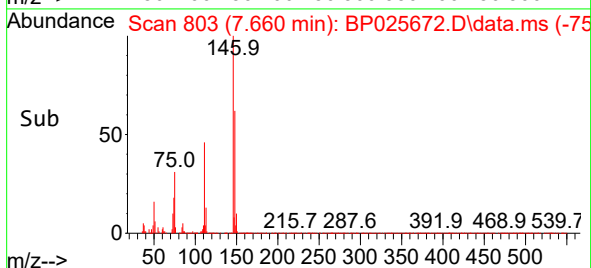
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

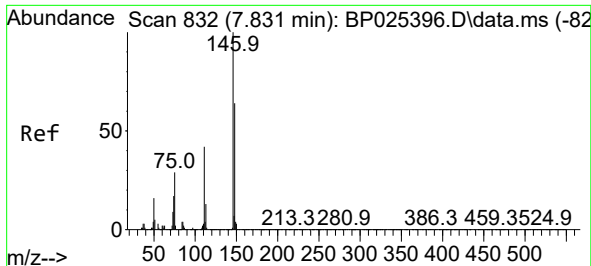


#12
1,3-Dichlorobenzene
Concen: 3.614 ng
RT: 7.660 min Scan# 803
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion:146 Resp: 43572
Ion Ratio Lower Upper
146 100
148 62.4 51.9 77.9
75 31.2 23.7 35.5





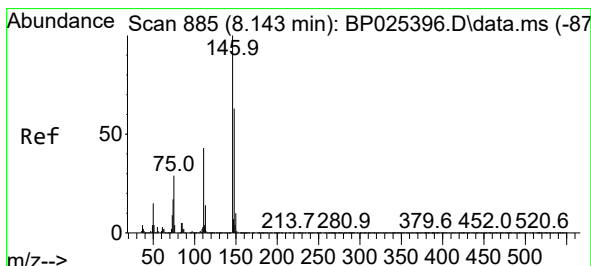
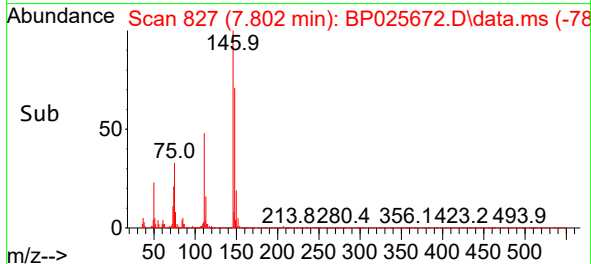
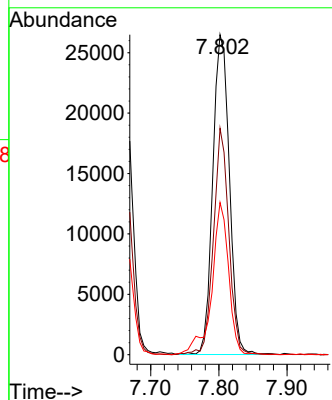
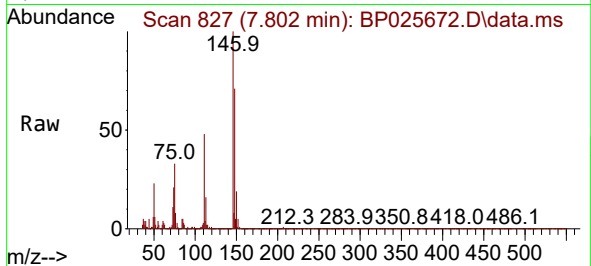
#13
1,4-Dichlorobenzene
Concen: 3.637 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:146 Resp: 44814
Ion Ratio Lower Upper
146 100
148 70.8 51.6 77.4
111 47.6 33.4 50.0

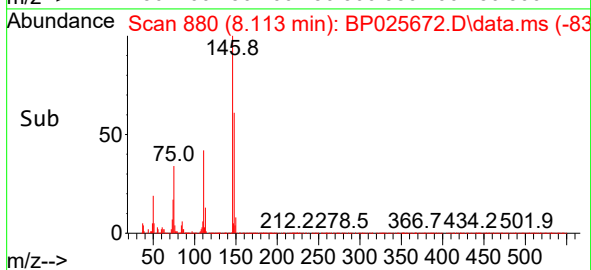
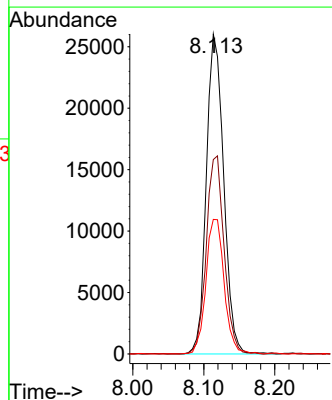
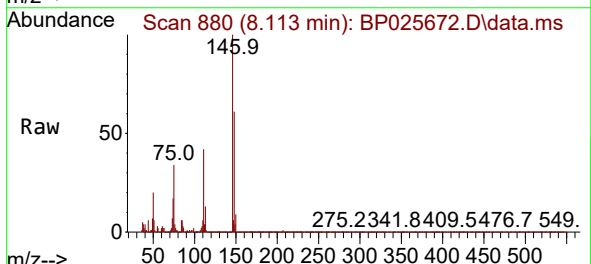
Manual Integrations
APPROVED

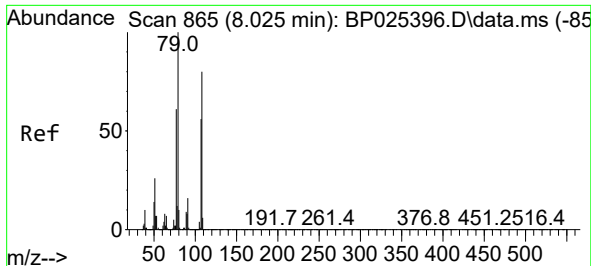
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#14
1,2-Dichlorobenzene
Concen: 3.704 ng
RT: 8.113 min Scan# 880
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

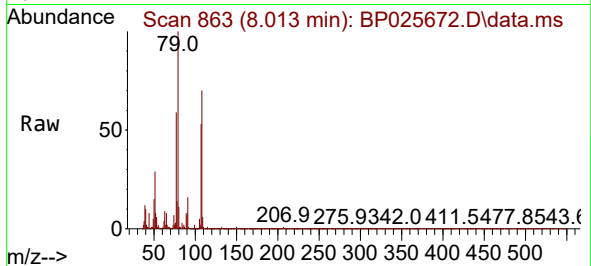
Tgt Ion:146 Resp: 44183
Ion Ratio Lower Upper
146 100
148 60.7 50.4 75.6
111 42.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 3.151 ng
RT: 8.013 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

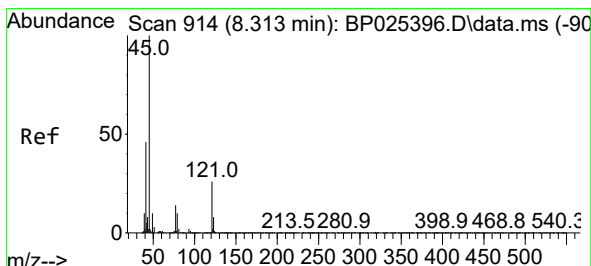
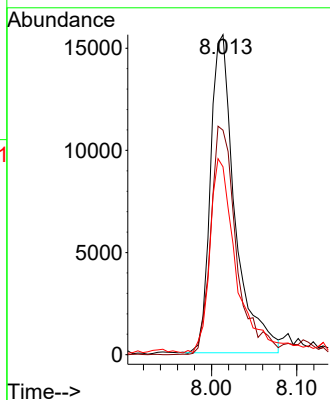
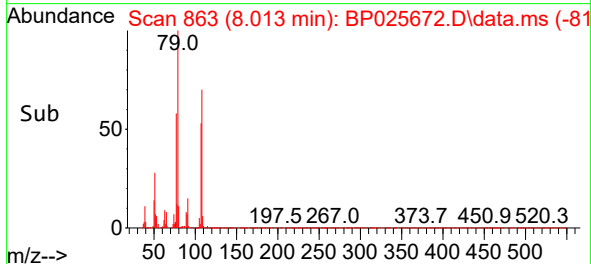
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



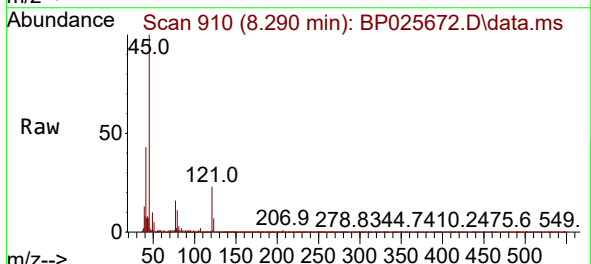
Tgt Ion: 79 Resp: 3110
Ion Ratio Lower Upper
79 100
108 70.2 63.8 95.6
77 58.7 49.0 73.4

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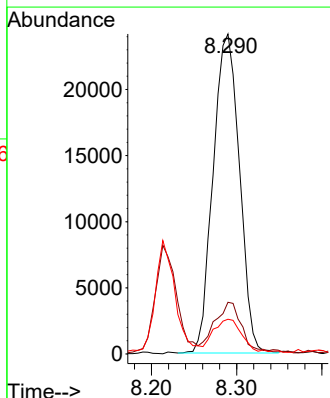
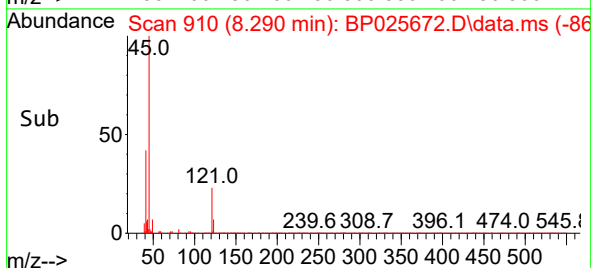
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

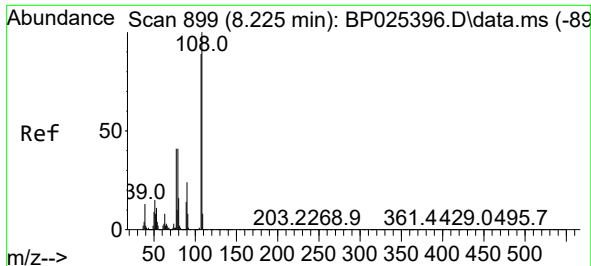


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.811 ng
RT: 8.290 min Scan# 910
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion: 45 Resp: 51864
Ion Ratio Lower Upper
45 100
77 16.2 0.0 35.3
79 10.9 0.0 31.8





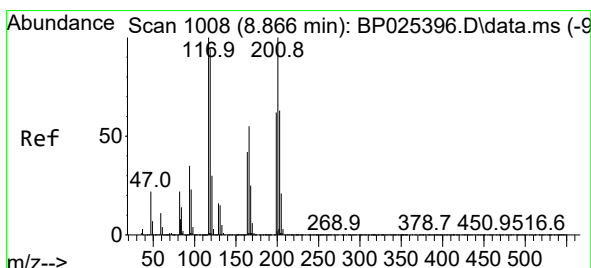
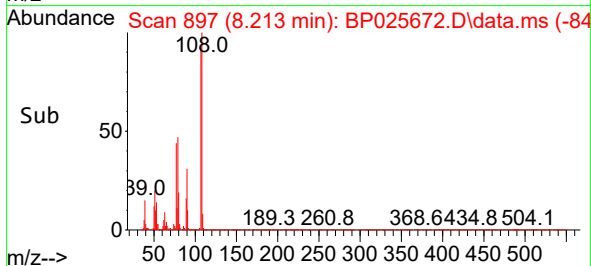
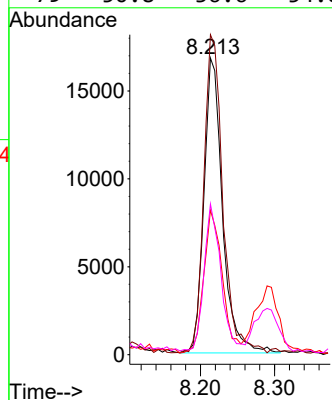
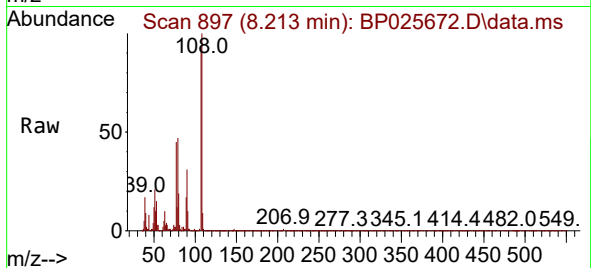
#17
2-Methylphenol
Concen: 3.229 ng
RT: 8.213 min Scan# 899
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:	107	Resp:	29229
Ion	Ratio	Lower	Upper
107	100		
108	107.9	89.4	134.0
77	48.7	36.3	54.5
79	50.8	36.6	54.8

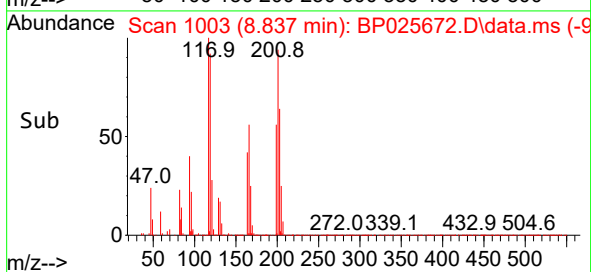
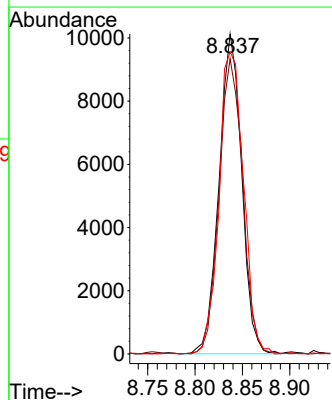
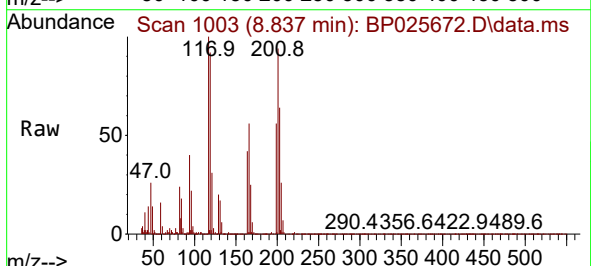
Manual Integrations
APPROVED

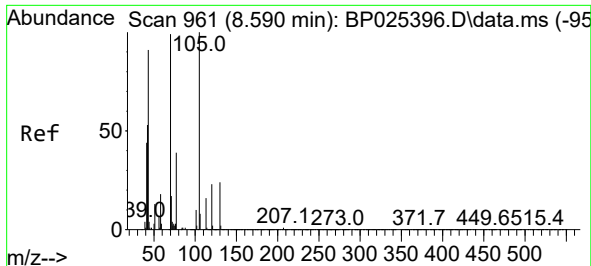
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#18
Hexachloroethane
Concen: 3.712 ng
RT: 8.837 min Scan# 1003
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

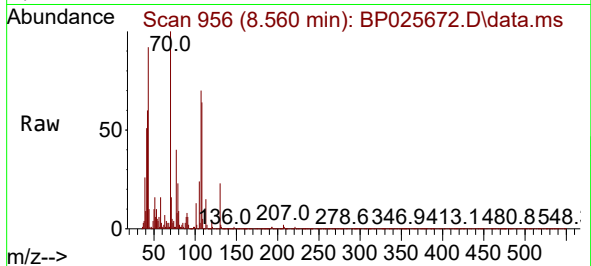
Tgt Ion:	117	Resp:	16818
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.1	112.7
201	94.4	80.1	120.1





#19
n-Nitroso-di-n-propylamine
Concen: 3.585 ng
RT: 8.560 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

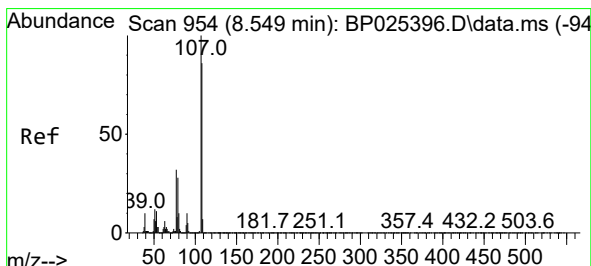
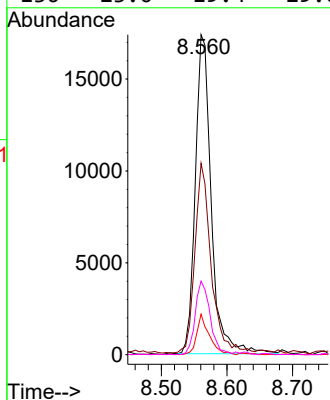
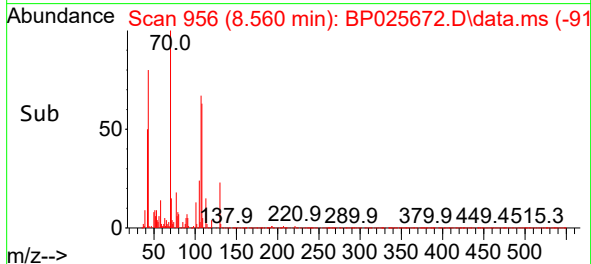
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



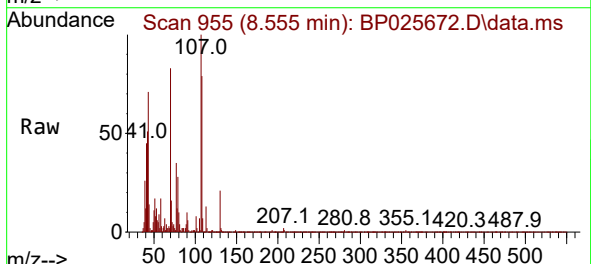
Tgt Ion: 70 Resp: 29500
Ion Ratio Lower Upper
70 100
42 59.8 43.8 65.6
101 12.7 8.5 12.7
130 23.0 19.4 29.0

Manual Integrations
APPROVED

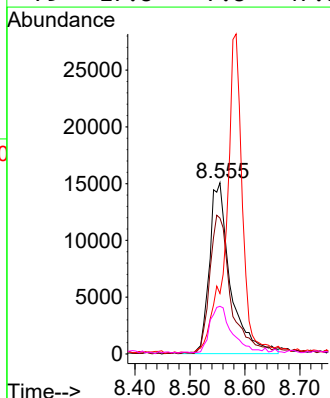
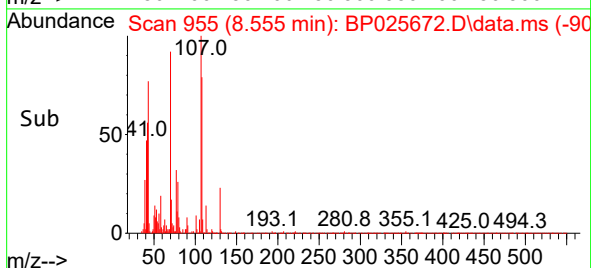
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

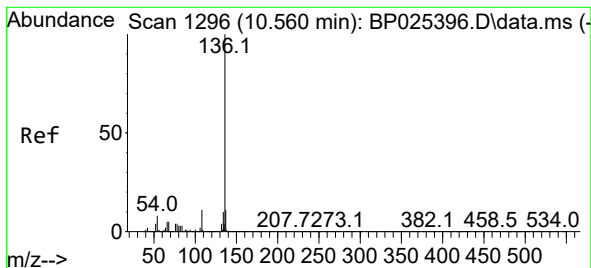


#20
3+4-Methylphenols
Concen: 3.178 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



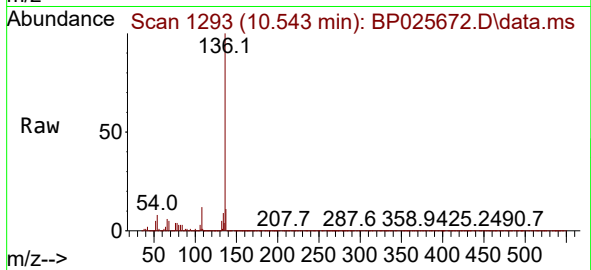
Tgt Ion:107 Resp: 39872
Ion Ratio Lower Upper
107 100
108 79.4 66.3 106.3
77 35.3 12.3 52.3
79 27.8 7.8 47.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

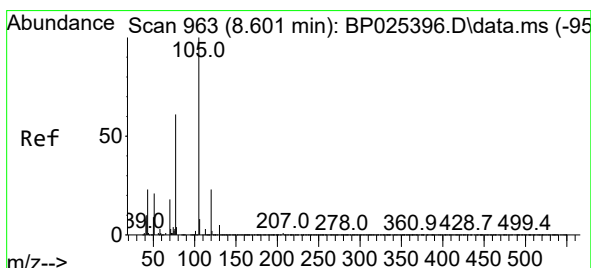
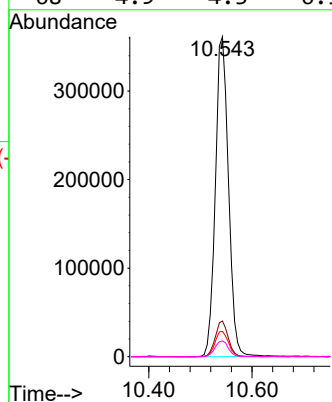
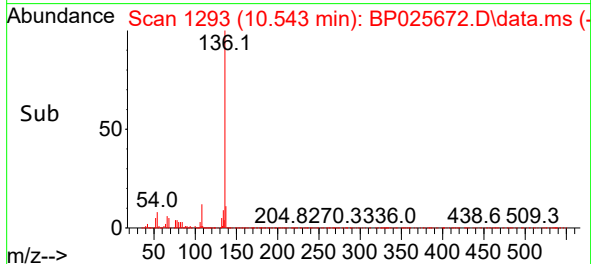
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion:136 Resp: 637019
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 7.9 6.0 9.0
68 4.9 4.3 6.5

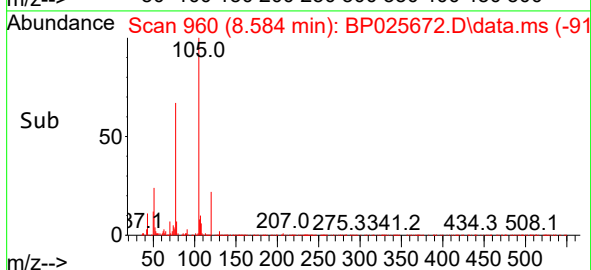
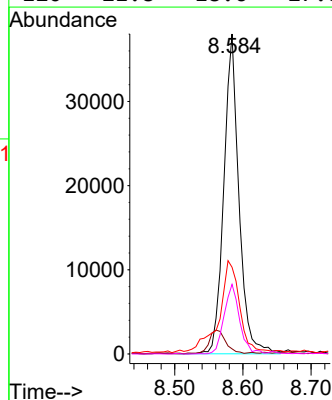
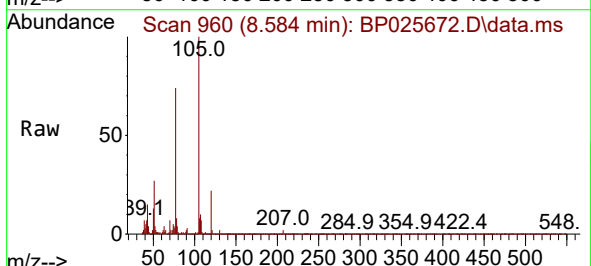
Manual Integrations
APPROVED

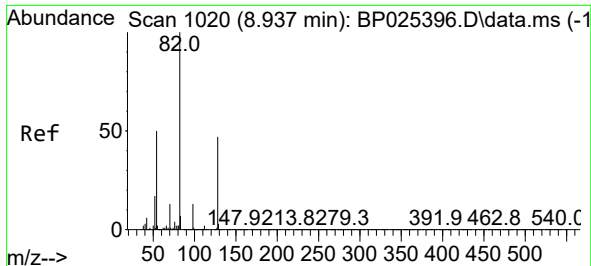
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#22
Acetophenone
Concen: 3.675 ng
RT: 8.584 min Scan# 960
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

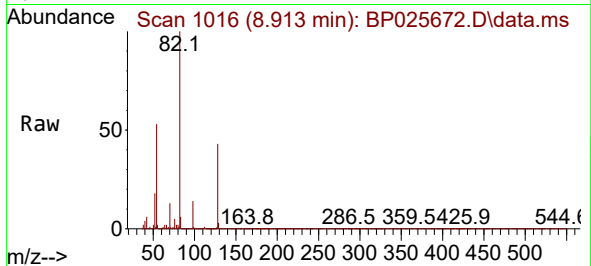
Tgt Ion:105 Resp: 58712
Ion Ratio Lower Upper
105 100
71 1.6 2.6 4.0#
51 27.1 20.6 30.8
120 21.8 18.6 27.8





#23
Nitrobenzene-d5
Concen: 76.865 ng
RT: 8.913 min Scan# 1016
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

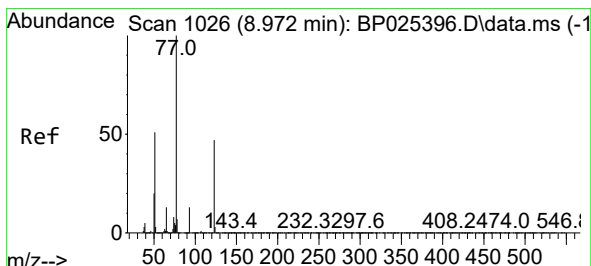
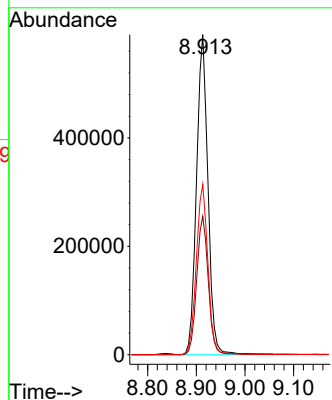
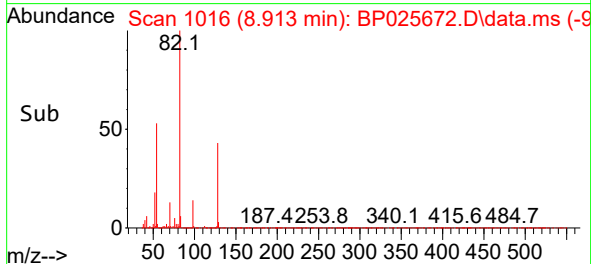
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



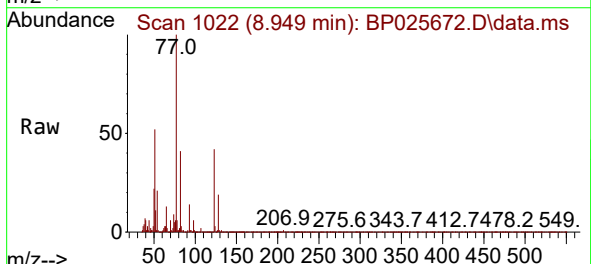
Tgt Ion: 82 Resp: 967950
Ion Ratio Lower Upper
82 100
128 43.2 37.7 56.5
54 53.2 39.8 59.6

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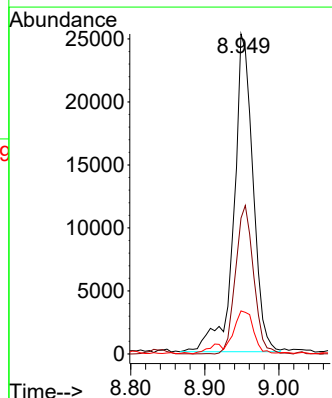
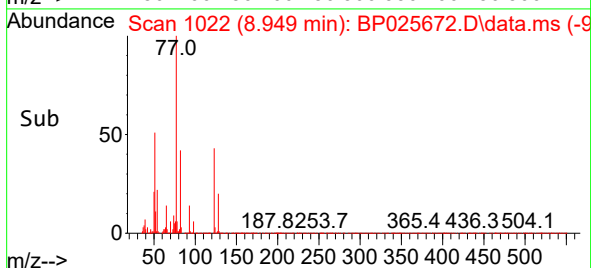
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

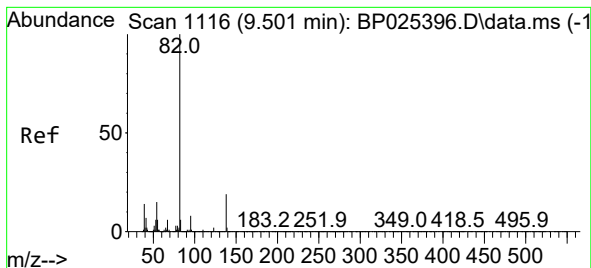


#24
Nitrobenzene
Concen: 4.031 ng
RT: 8.949 min Scan# 1022
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion: 77 Resp: 45371
Ion Ratio Lower Upper
77 100
123 42.5 38.6 58.0
65 13.5 10.6 15.8





#25

Isophorone

Concen: 3.528 ng

RT: 9.484 min Scan# 1116

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

Tgt Ion: 82 Resp: 7863

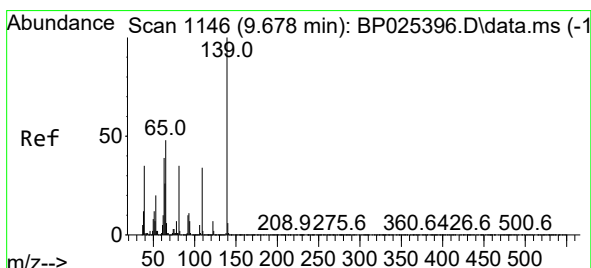
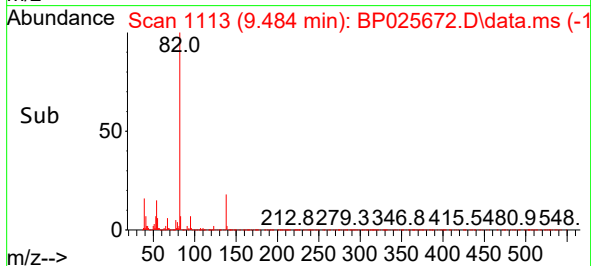
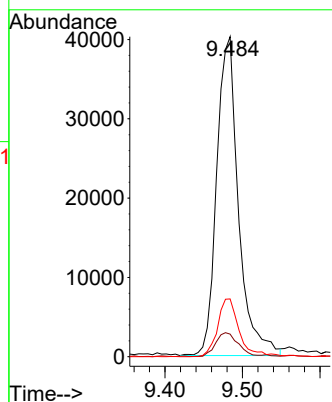
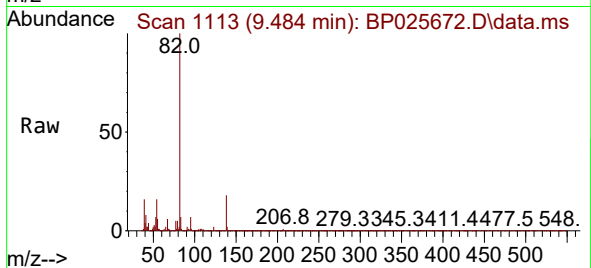
Ion	Ratio	Lower	Upper
82	100		
95	7.1	6.4	9.6
138	18.1	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#26

2-Nitrophenol

Concen: 3.015 ng

RT: 9.660 min Scan# 1143

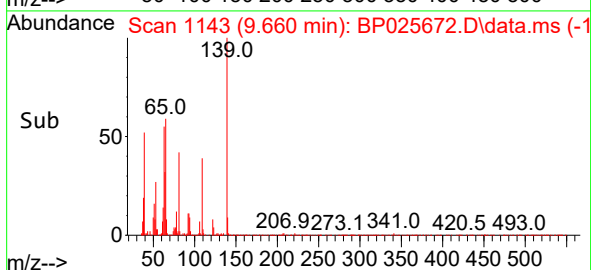
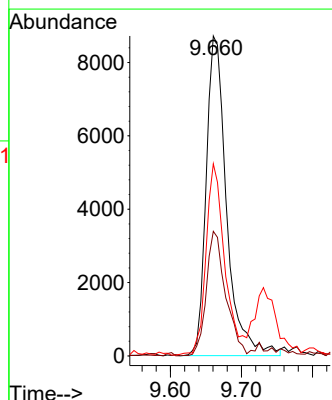
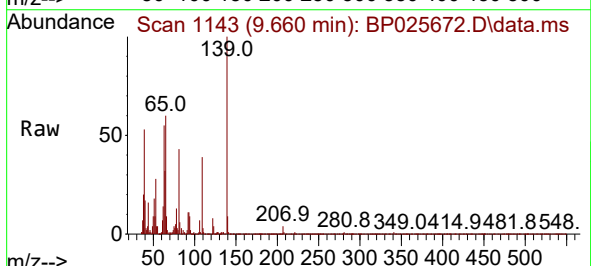
Delta R.T. -0.018 min

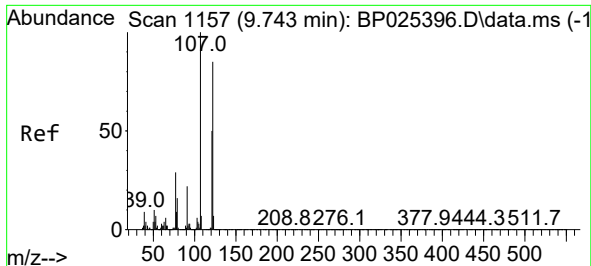
Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:139 Resp: 17416

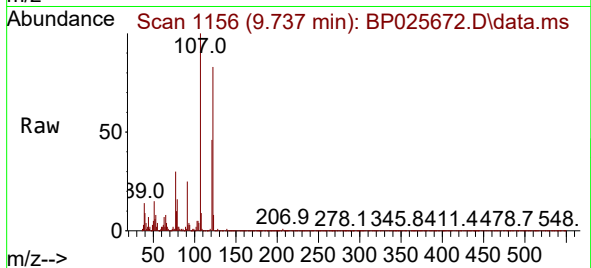
Ion	Ratio	Lower	Upper
139	100		
109	38.9	26.9	40.3
65	60.1	38.3	57.5





#27
2,4-Dimethylphenol
Concen: 3.328 ng
RT: 9.737 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

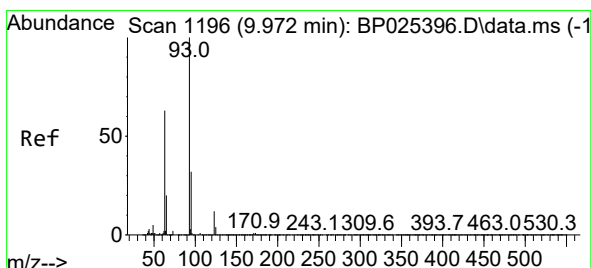
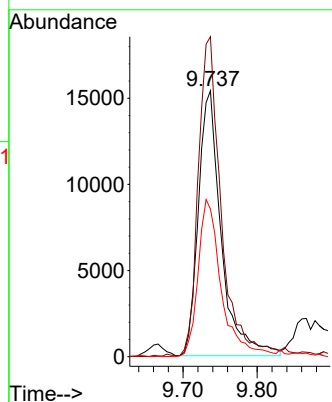
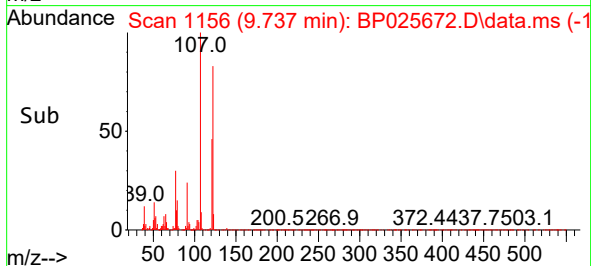
Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2025



Tgt Ion: 122 Resp: 3305
Ion Ratio Lower Upper
122 100
107 120.3 93.7 140.5
121 55.5 46.6 69.8

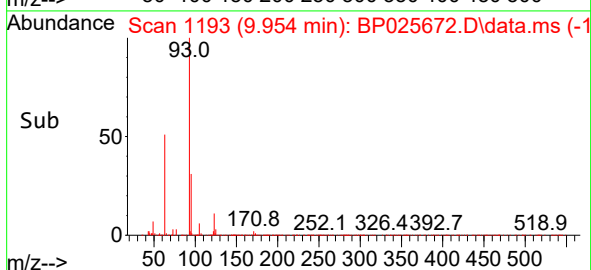
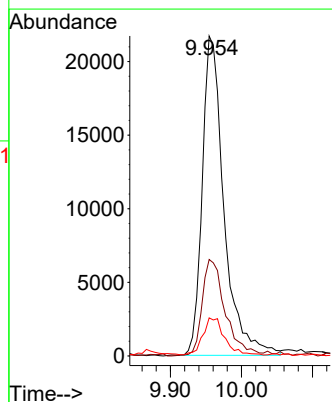
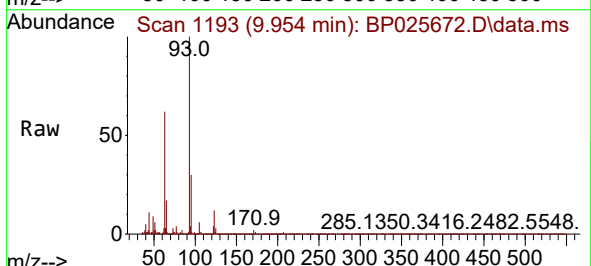
Manual Integrations
APPROVED

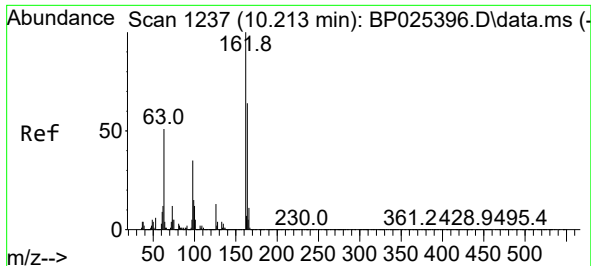
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#28
bis(2-Chloroethoxy)methane
Concen: 3.437 ng
RT: 9.954 min Scan# 1193
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 93 Resp: 46307
Ion Ratio Lower Upper
93 100
95 30.1 25.4 38.0
123 11.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 2.877 ng

RT: 10.231 min Scan# 1269

Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

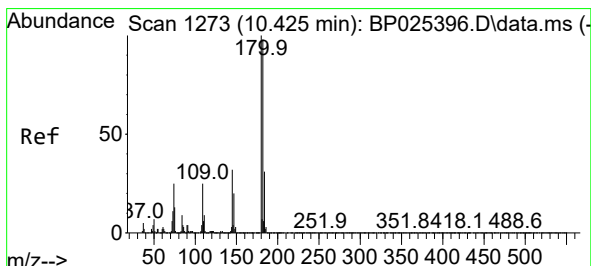
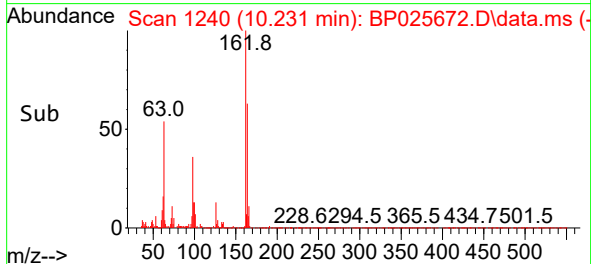
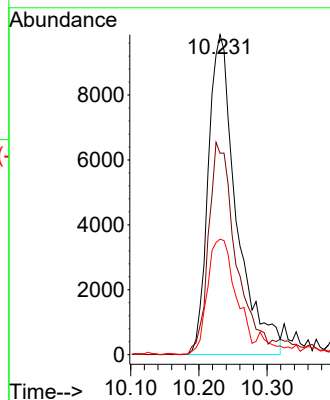
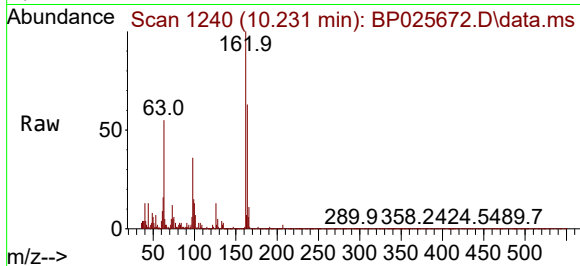
Tgt Ion:	162	Resp:	2838
Ion Ratio	Lower	Upper	
162	100		
164	62.9	44.4	84.4
98	36.1	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#30

1,2,4-Trichlorobenzene

Concen: 3.607 ng

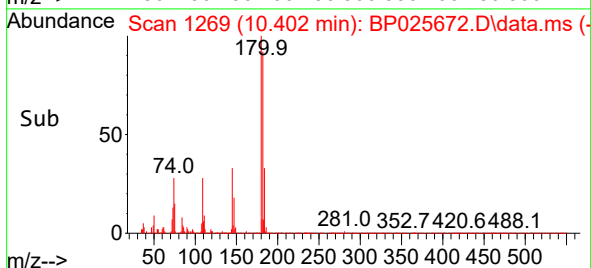
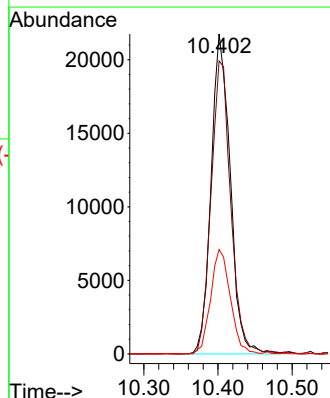
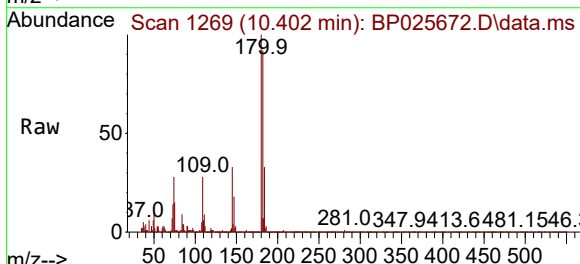
RT: 10.402 min Scan# 1269

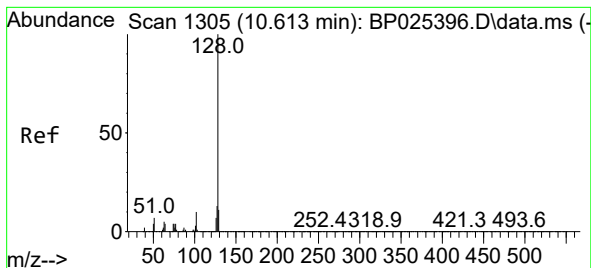
Delta R.T. -0.023 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

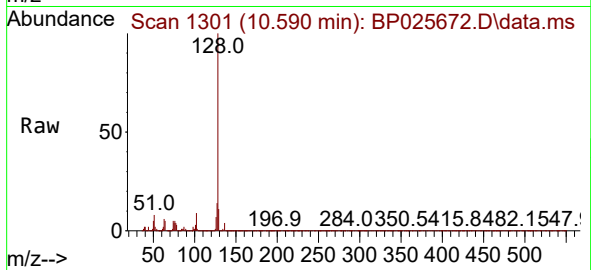
Tgt Ion:	180	Resp:	39013
Ion Ratio	Lower	Upper	
180	100		
182	91.5	78.0	117.0
145	32.6	25.9	38.9





#31
Naphthalene
Concen: 3.587 ng
RT: 10.590 min Scan# 11875
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

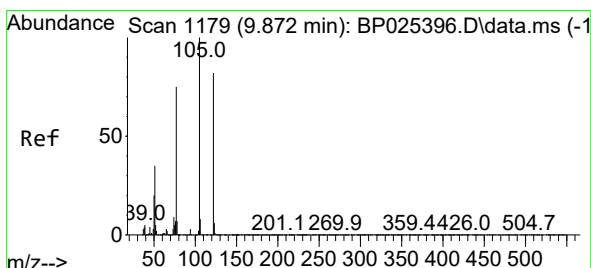
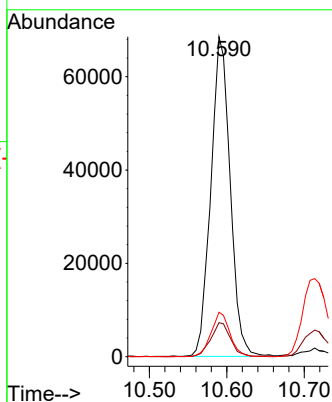
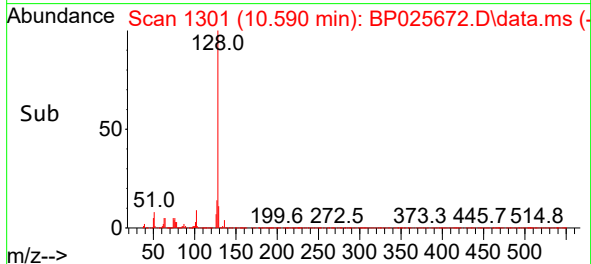
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:128 Resp: 11875
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 13.9 10.7 16.1

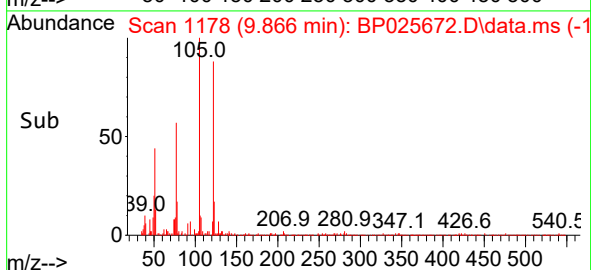
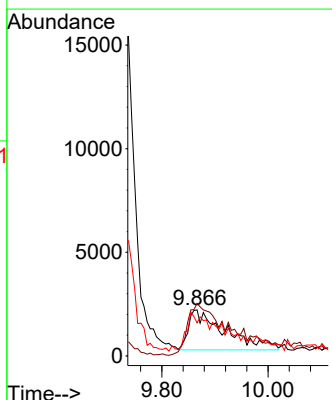
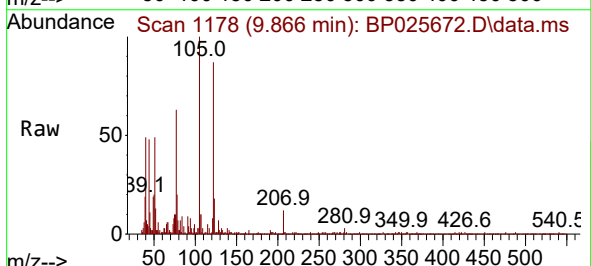
Manual Integrations
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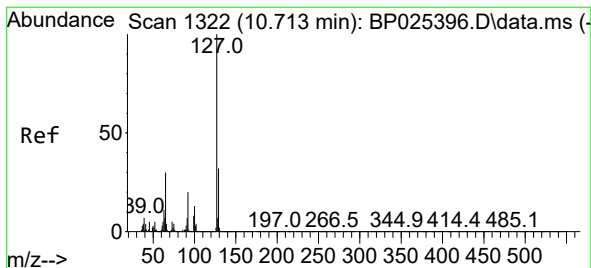
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#32
Benzoic acid
Concen: 1.261 ng m
RT: 9.866 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:122 Resp: 9249
Ion Ratio Lower Upper
122 100
105 114.5 100.6 140.6
77 72.1 71.5 111.5





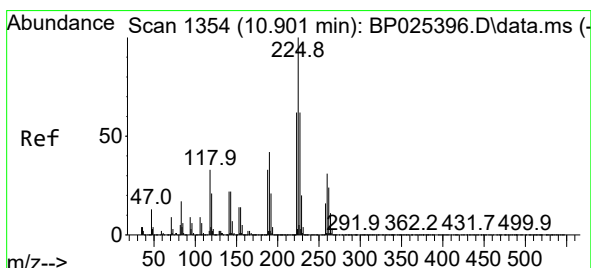
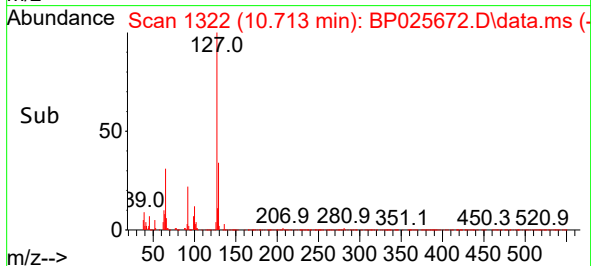
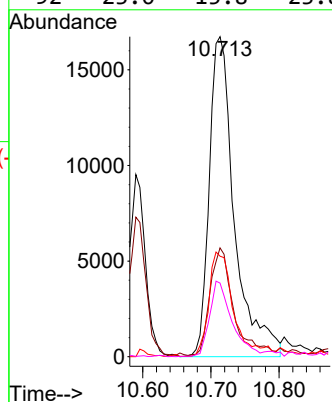
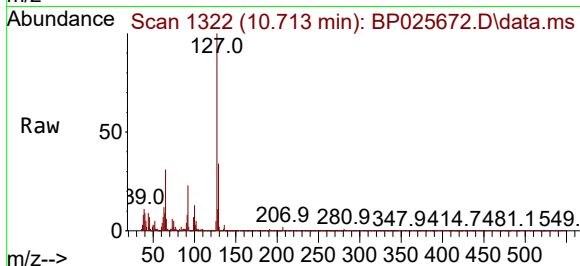
#33
4-Chloroaniline
Concen: 2.953 ng
RT: 10.713 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.2
65	31.4	23.8	35.6
92	23.0	15.8	23.8

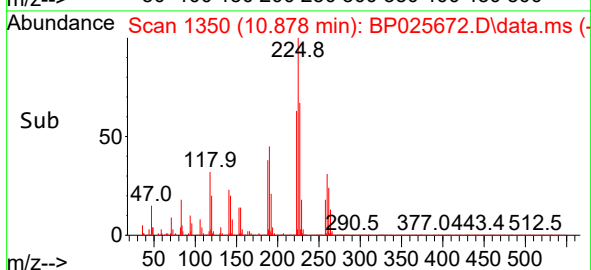
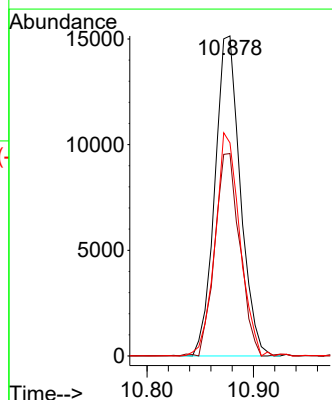
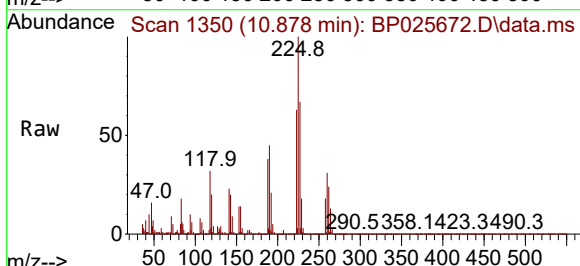
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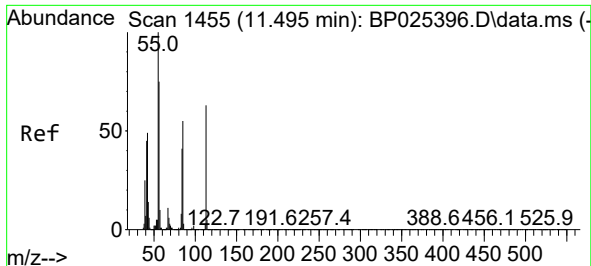
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#34
Hexachlorobutadiene
Concen: 3.726 ng
RT: 10.878 min Scan# 1350
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

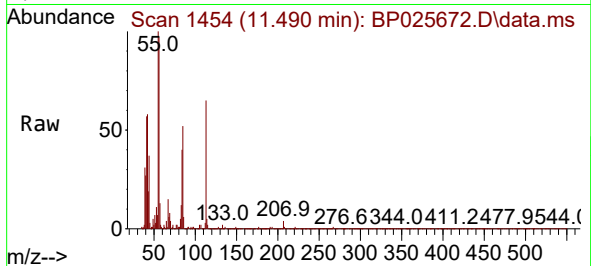
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.0	75.0
227	69.3	49.7	74.5





#35
Caprolactam
Concen: 3.024 ng
RT: 11.490 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

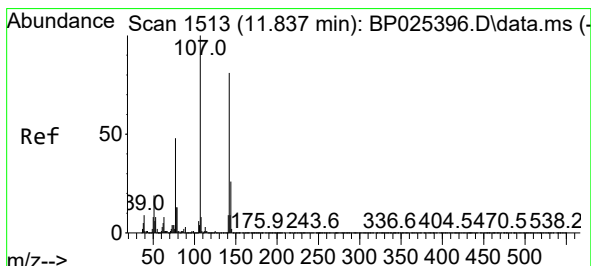
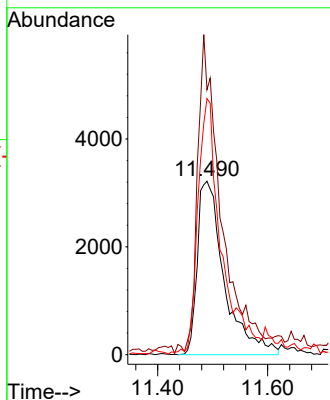
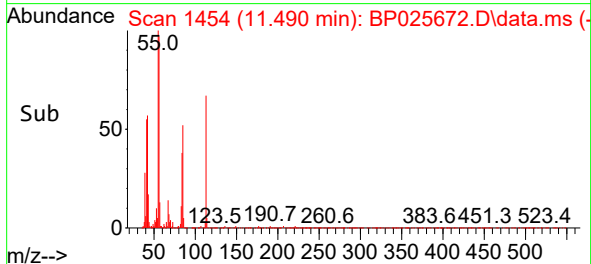
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:113 Resp: 10940
Ion Ratio Lower Upper
113 100
55 152.8 140.0 180.0
56 147.7 100.0 140.0

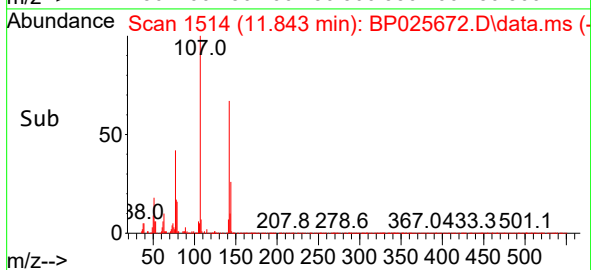
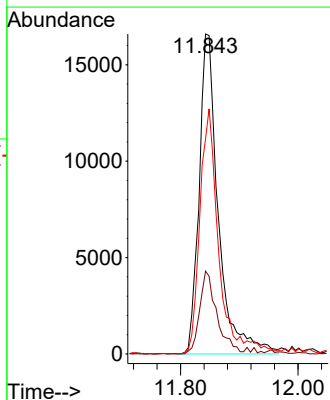
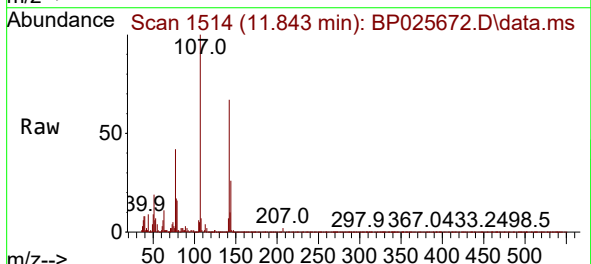
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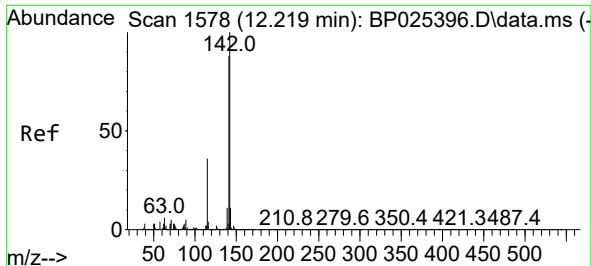
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#36
4-Chloro-3-methylphenol
Concen: 3.343 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:107 Resp: 37848
Ion Ratio Lower Upper
107 100
144 25.9 21.0 31.4
142 67.2 64.6 97.0





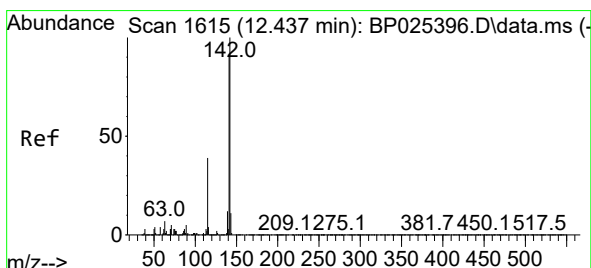
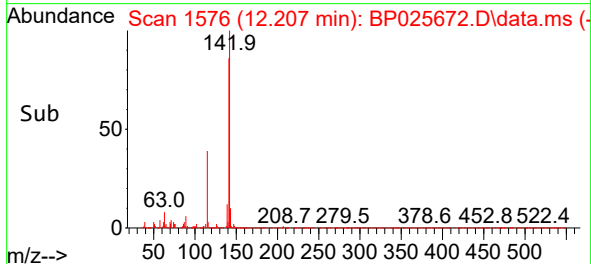
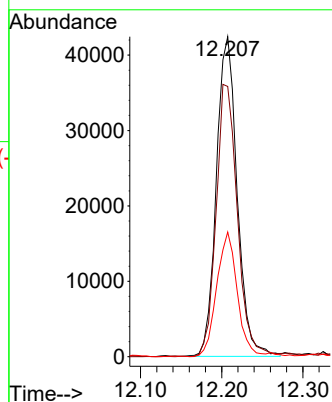
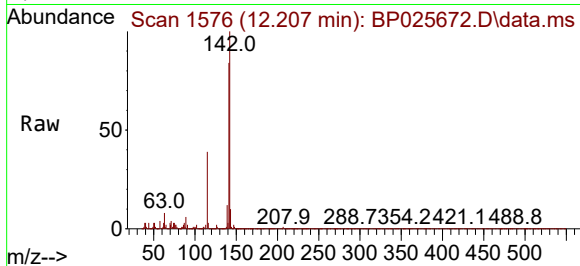
#37
2-Methylnaphthalene
Concen: 3.517 ng
RT: 12.207 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:142 Resp: 75784
Ion Ratio Lower Upper
142 100
141 84.5 70.3 105.5
115 39.0 28.9 43.3

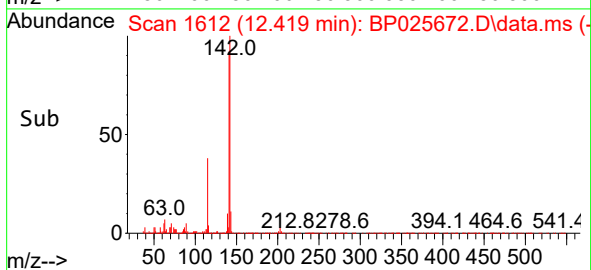
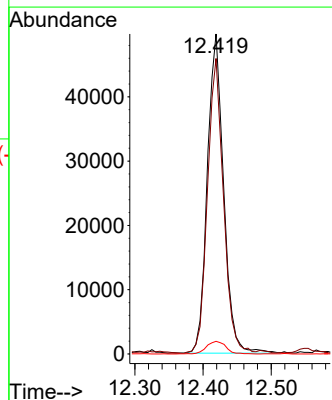
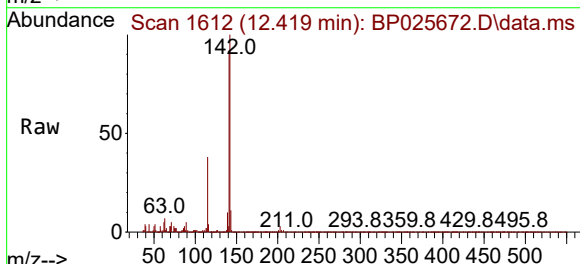
Manual Integrations
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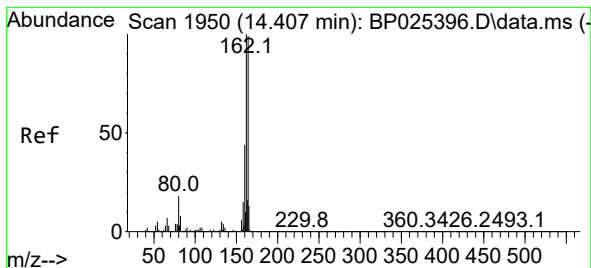
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#38
1-Methylnaphthalene
Concen: 3.612 ng
RT: 12.419 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:142 Resp: 82776
Ion Ratio Lower Upper
142 100
141 92.4 73.1 109.7
116 4.0 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.395 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP025672.D

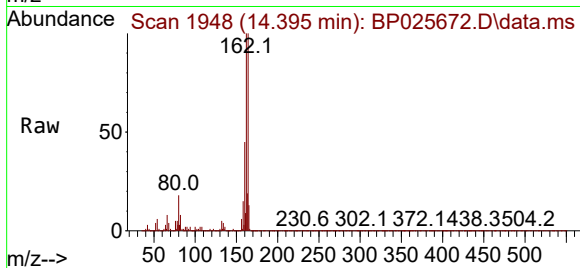
Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025



Tgt Ion:164 Resp: 42714

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.6

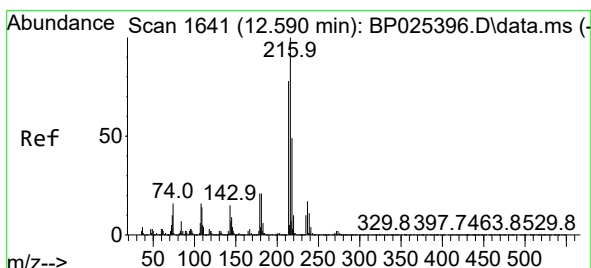
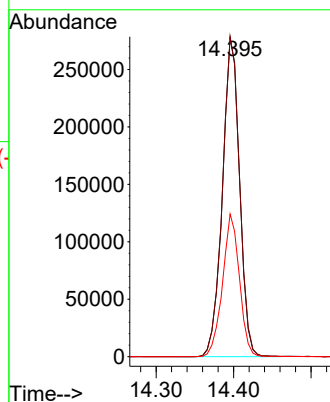
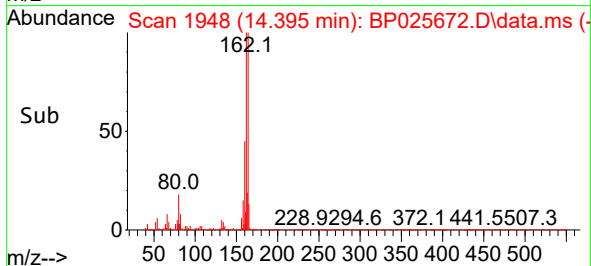
160 44.8 35.4 53.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.617 ng

RT: 12.572 min Scan# 1638

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:216 Resp: 44627

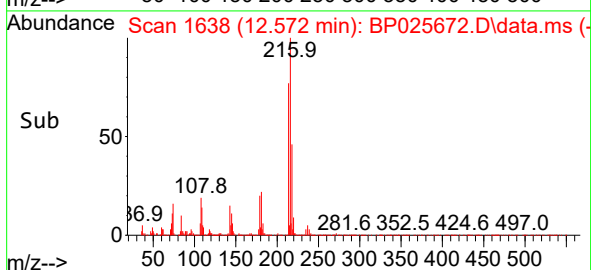
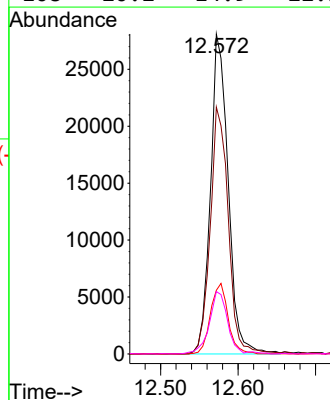
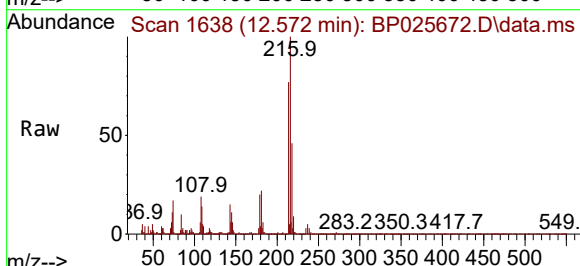
Ion Ratio Lower Upper

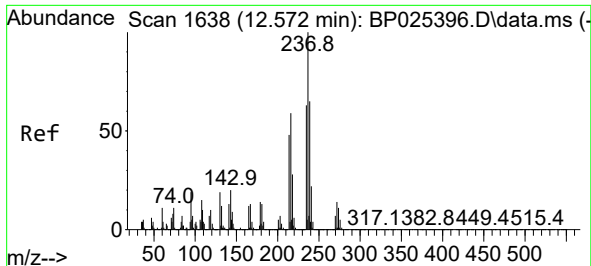
216 100

214 78.6 63.0 94.4

179 21.9 17.1 25.7

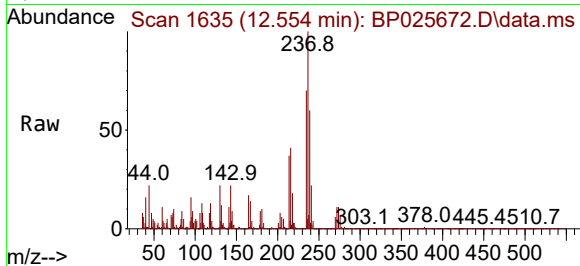
108 20.2 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 1.502 ng
RT: 12.554 min Scan# 1635
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

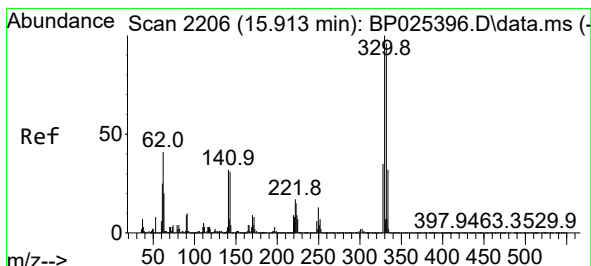
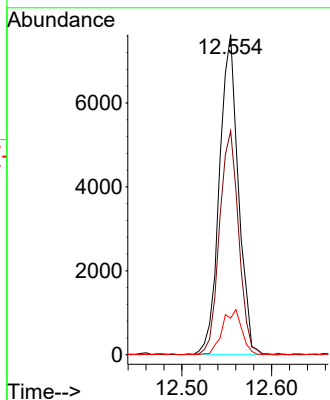
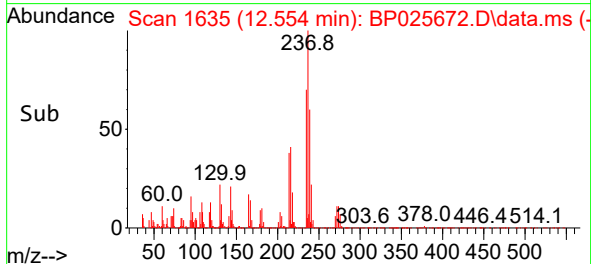
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion: 237 Resp: 11192
Ion Ratio Lower Upper
237 100
235 70.0 42.7 82.7
272 11.4 0.0 34.0

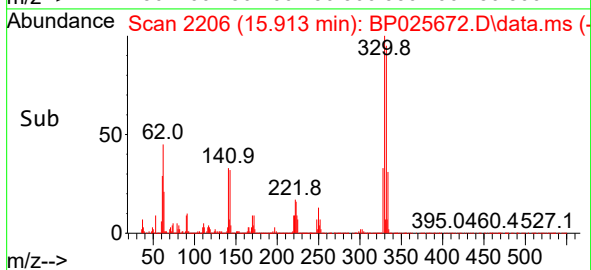
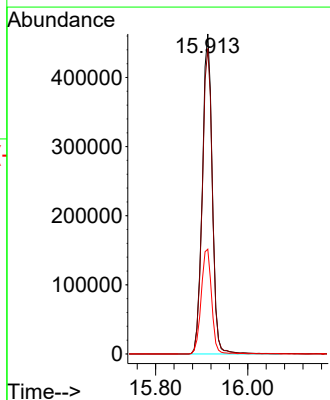
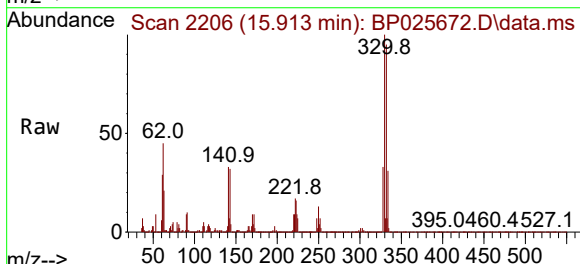
Manual Integrations
APPROVED

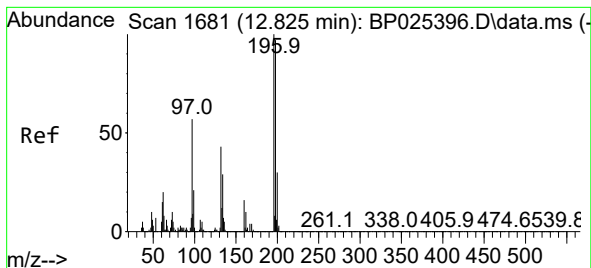
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#42
2,4,6-Tribromophenol
Concen: 121.575 ng
RT: 15.913 min Scan# 2206
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion: 330 Resp: 698986
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.3 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 3.078 ng

RT: 12.831 min Scan# 1681

Delta R.T. 0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

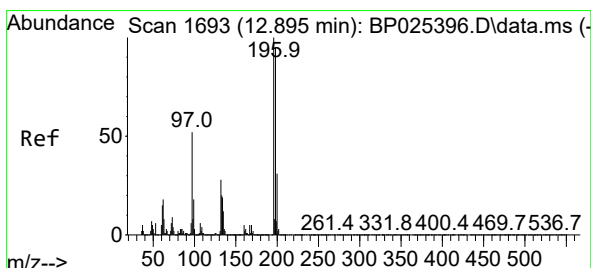
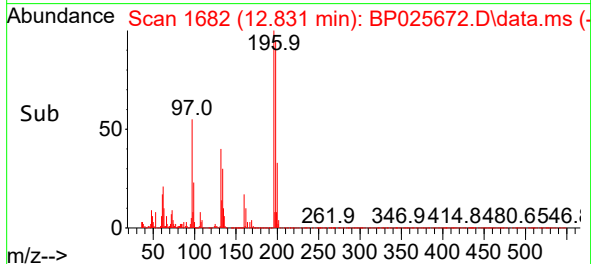
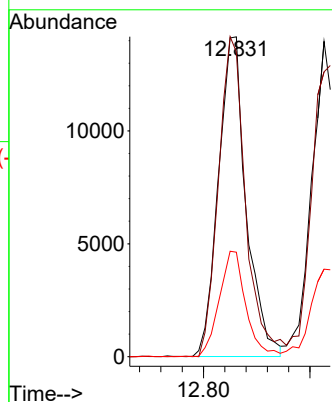
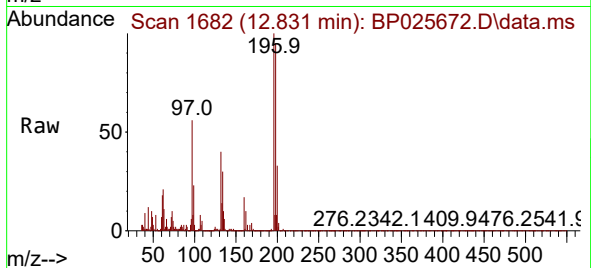
Tgt Ion:196	Resp:	2563
Ion Ratio	Lower	Upper
196	100	
198	95.3	77.2 115.8
200	32.7	23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#44

2,4,5-Trichlorophenol

Concen: 3.251 ng

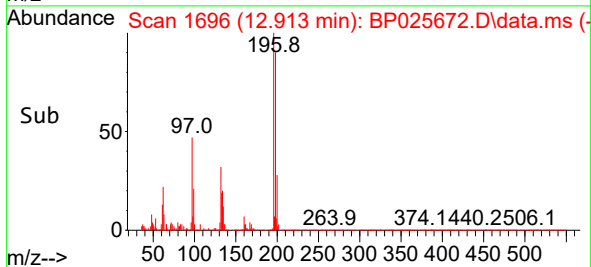
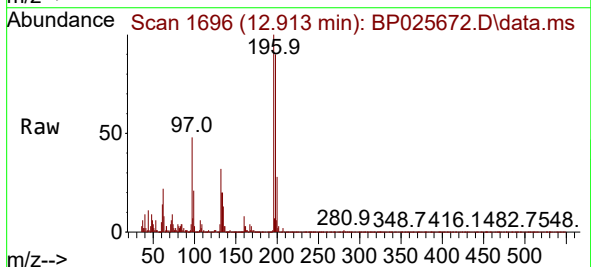
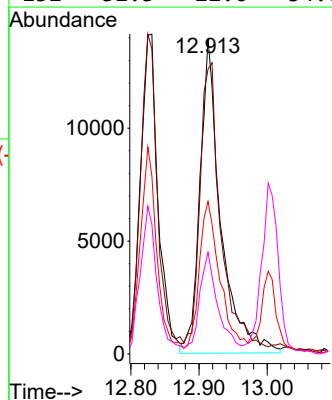
RT: 12.913 min Scan# 1696

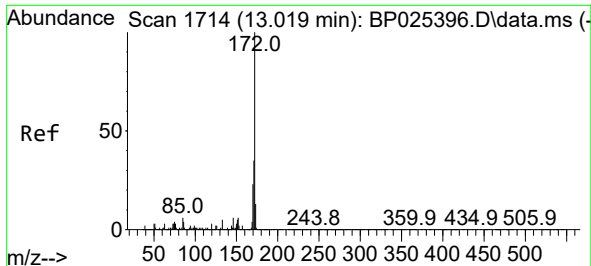
Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

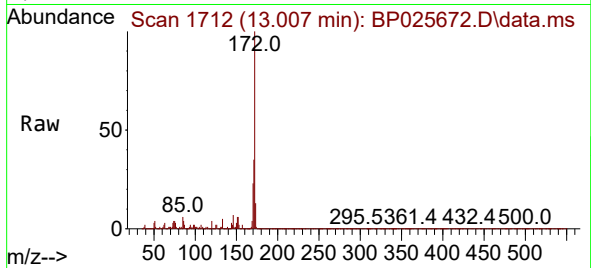
Tgt Ion:196	Resp:	29670
Ion Ratio	Lower	Upper
196	100	
198	90.3	76.2 114.2
97	48.4	41.2 61.8
132	32.3	22.6 34.0





#45
2-Fluorobiphenyl
Concen: 72.444 ng
RT: 13.007 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

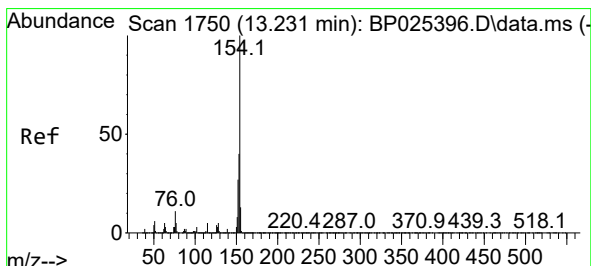
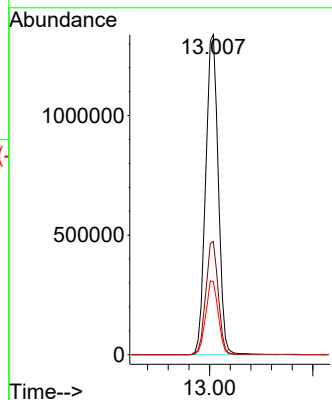
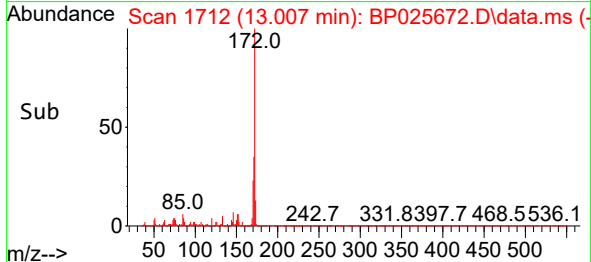
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



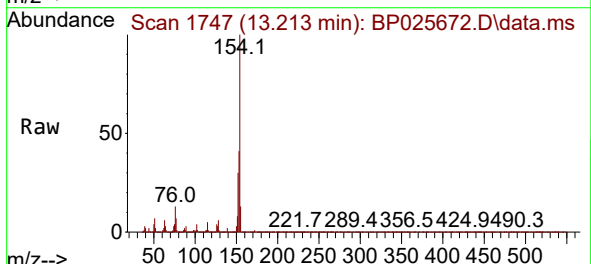
Tgt Ion:172 Resp: 226418
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.8 18.6 28.0

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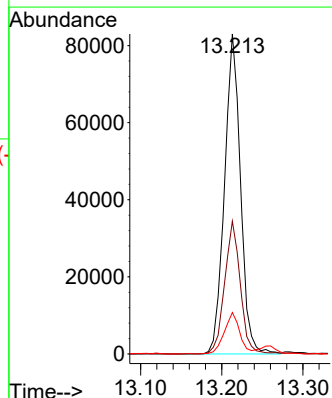
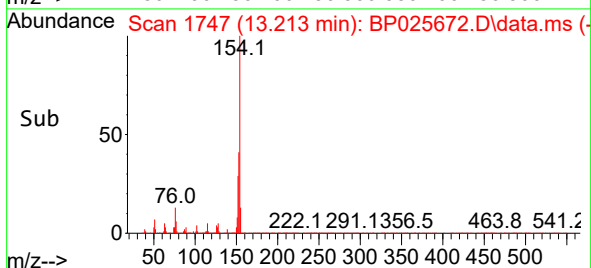
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

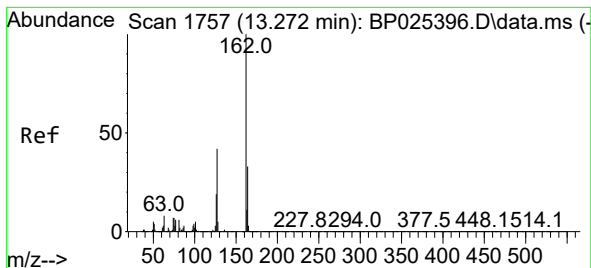


#46
1,1'-Biphenyl
Concen: 3.671 ng
RT: 13.213 min Scan# 1747
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion:154 Resp: 113881
Ion Ratio Lower Upper
154 100
153 41.5 19.5 59.5
76 13.0 0.0 31.1





#47

2-Chloronaphthalene

Concen: 3.561 ng

RT: 13.254 min Scan# 1754

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

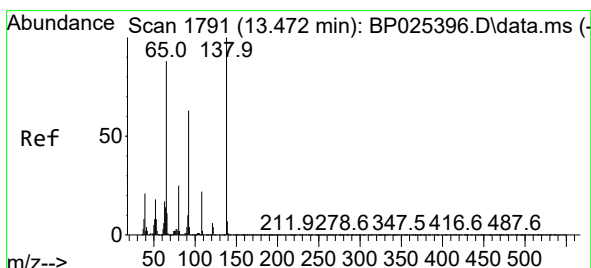
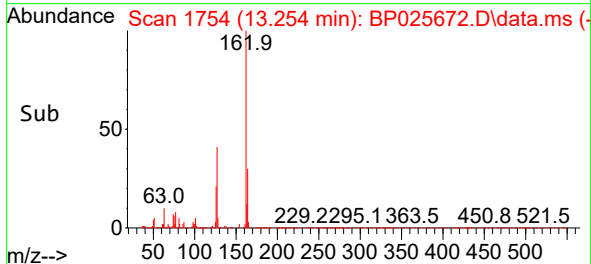
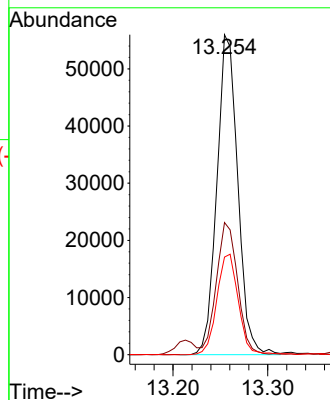
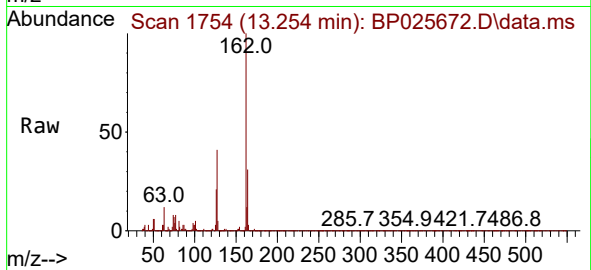
Tgt Ion:162	Resp:	8599
Ion Ratio	Lower	Upper
162	100	
127	41.3	33.4 50.2
164	30.5	26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#48

2-Nitroaniline

Concen: 3.203 ng

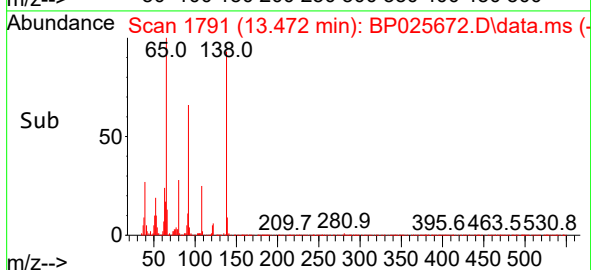
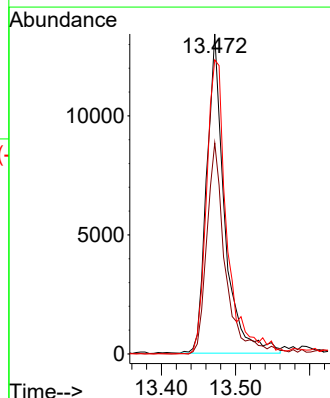
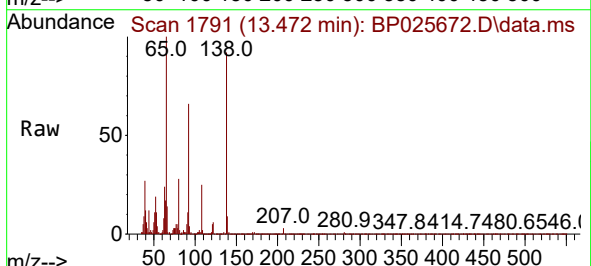
RT: 13.472 min Scan# 1791

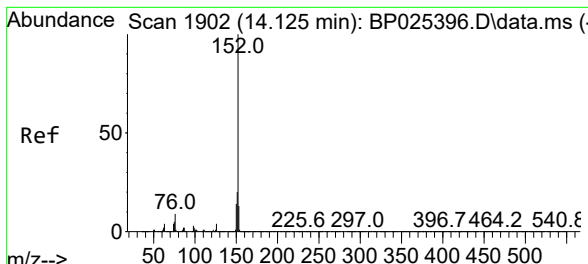
Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion: 65	Resp:	22538
Ion Ratio	Lower	Upper
65	100	
92	65.9	57.6 86.4
138	91.9	91.0 136.6



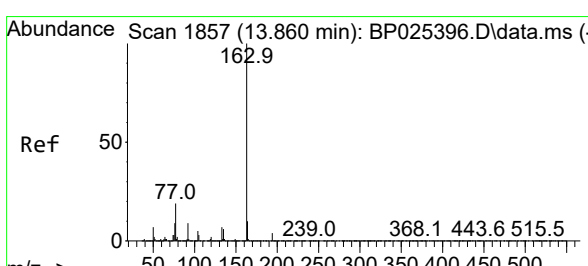
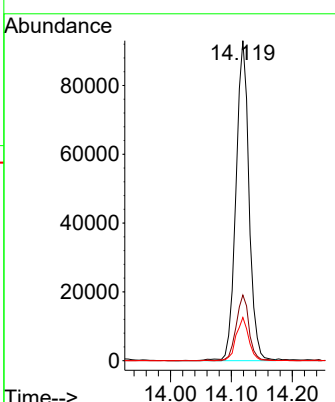
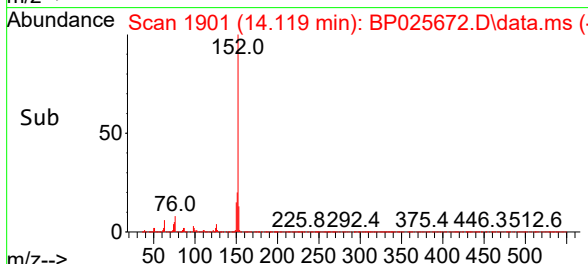
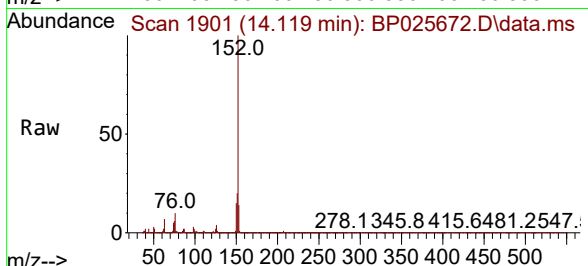


#49
 Acenaphthylene
 Concen: 3.463 ng
 RT: 14.119 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

Instrument : BNA_P
 ClientSampleId : MDL-SOIL-03-QT3-2025

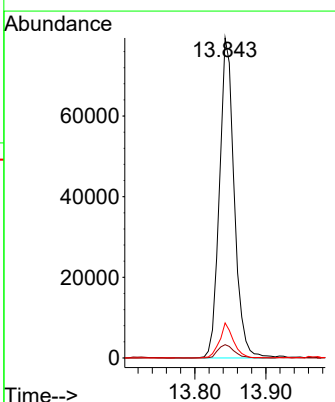
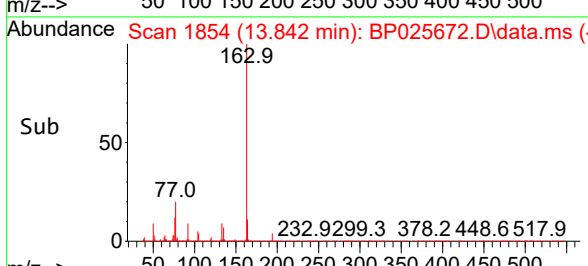
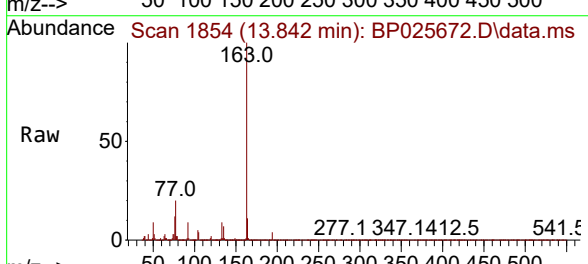
Tgt Ion:	152	Resp:	13840
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.0	24.0
153	13.5	10.6	15.8

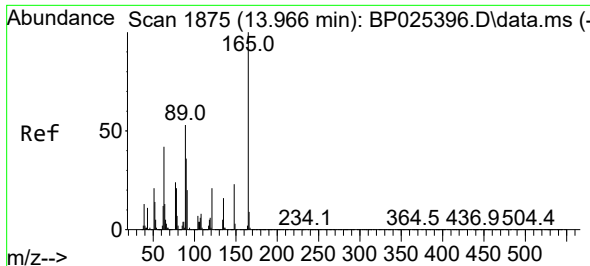
Manual Integrations
APPROVED
 Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025



#50
 Dimethylphthalate
 Concen: 3.654 ng
 RT: 13.842 min Scan# 1854
 Delta R.T. -0.018 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

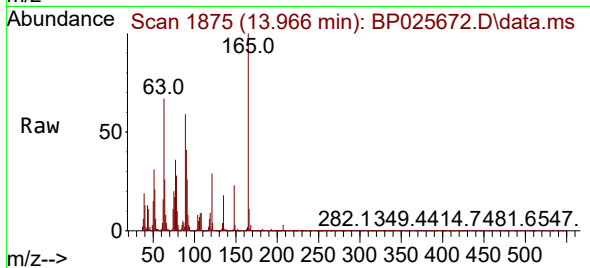
Tgt Ion:	163	Resp:	114308
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.4	5.0
164	10.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 3.330 ng
RT: 13.966 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

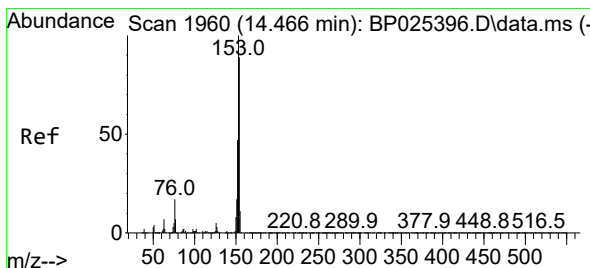
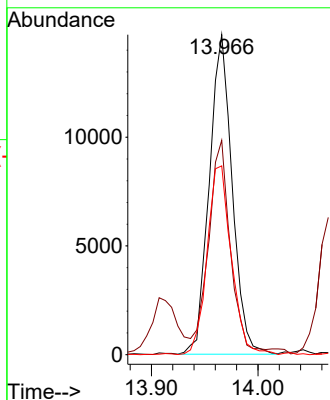
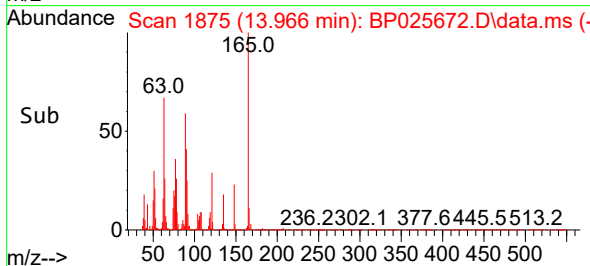
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



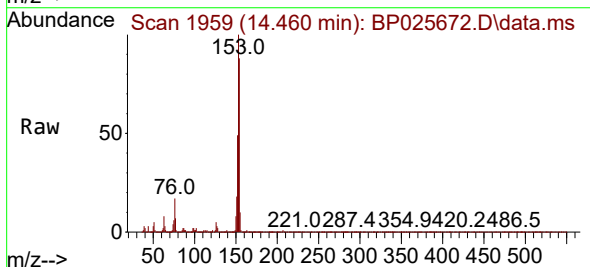
Tgt Ion:165 Resp: 21950
Ion Ratio Lower Upper
165 100
63 67.0 40.9 61.3
89 59.0 42.1 63.1

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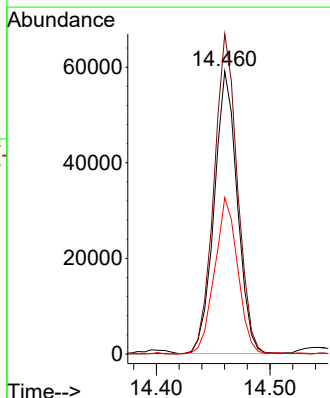
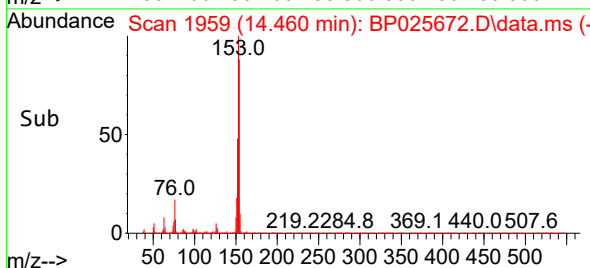
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

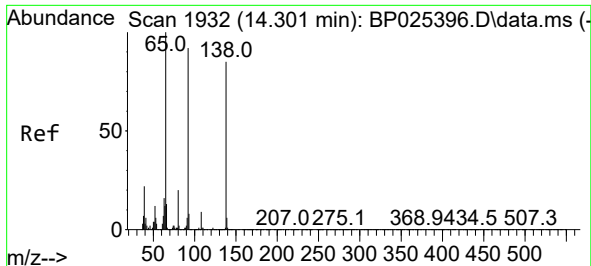


#52
Acenaphthene
Concen: 3.557 ng
RT: 14.460 min Scan# 1959
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



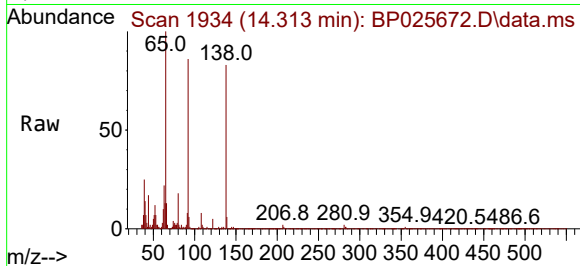
Tgt Ion:154 Resp: 83426
Ion Ratio Lower Upper
154 100
153 113.1 90.2 135.2
152 55.3 42.1 63.1





#53
3-Nitroaniline
Concen: 2.851 ng
RT: 14.313 min Scan# 1932
Delta R.T. 0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

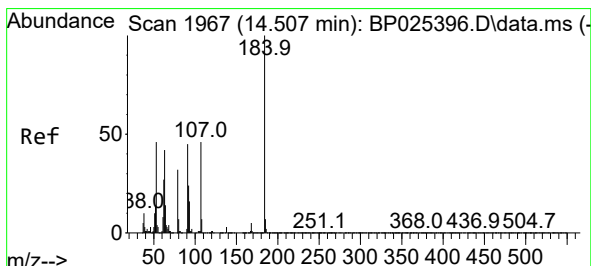
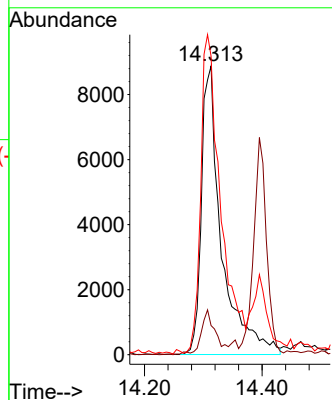
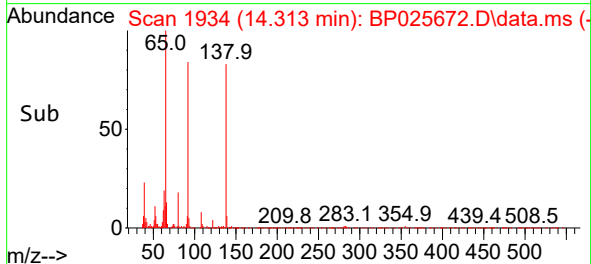
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:138 Resp: 2115
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 103.4 86.2 129.2

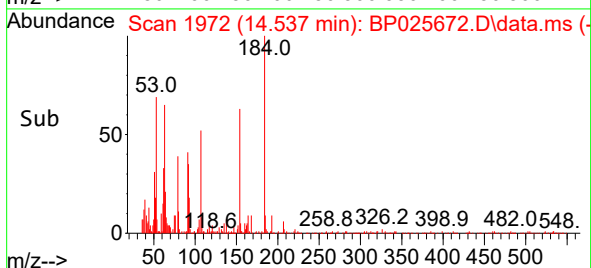
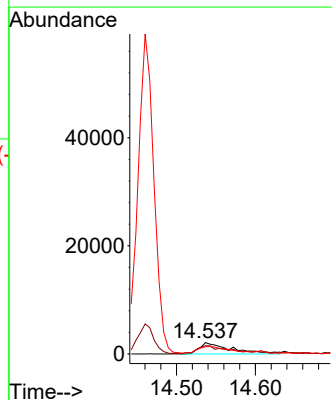
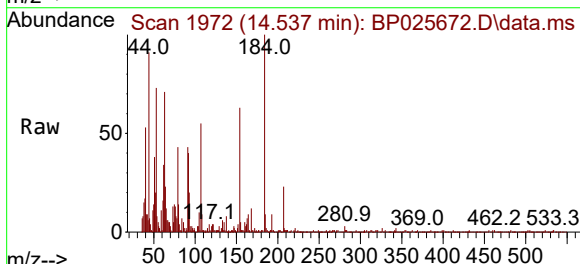
Manual Integrations
APPROVED

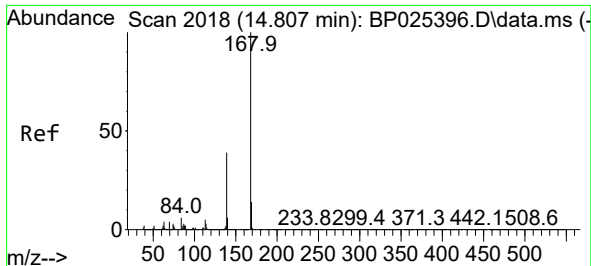
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#54
2,4-Dinitrophenol
Concen: 1.668 ng m
RT: 14.537 min Scan# 1972
Delta R.T. 0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

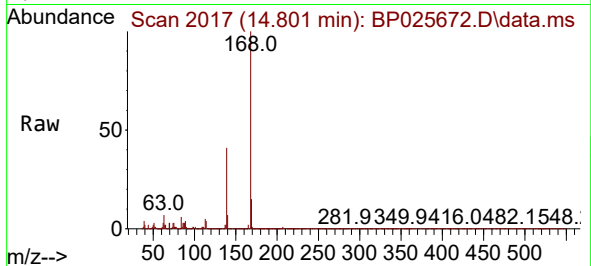
Tgt Ion:184 Resp: 5872
Ion Ratio Lower Upper
184 100
63 71.0 49.4 74.2
154 62.9 54.6 82.0





#55
Dibenzenofuran
Concen: 3.630 ng
RT: 14.801 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

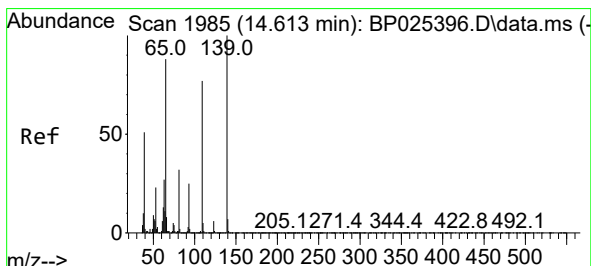
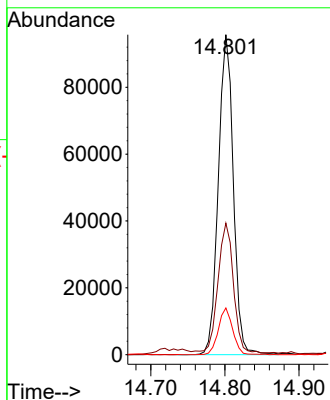
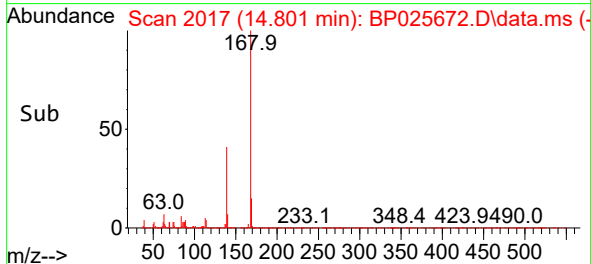
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



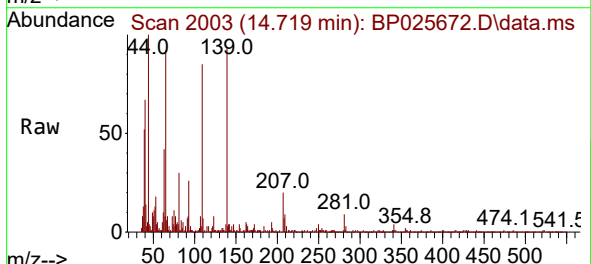
Tgt Ion:168 Resp: 13461
Ion Ratio Lower Upper
168 100
139 41.1 31.5 47.3
169 14.6 10.9 16.3

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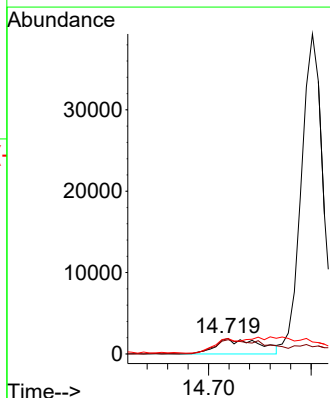
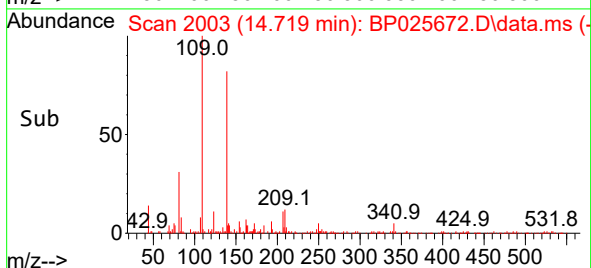
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

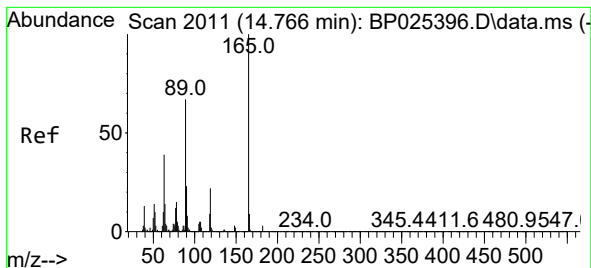


#56
4-Nitrophenol
Concen: 0.933 ng m
RT: 14.719 min Scan# 2003
Delta R.T. 0.106 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



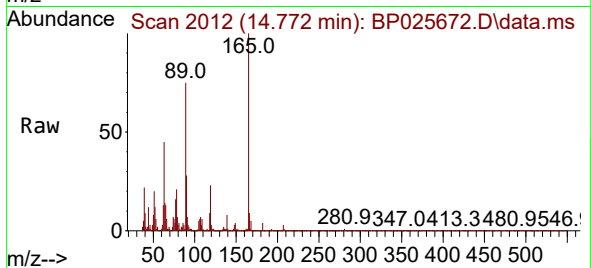
Tgt Ion:139 Resp: 5689
Ion Ratio Lower Upper
139 100
109 91.2 56.6 96.6
65 98.8 68.2 108.2





#57
2,4-Dinitrotoluene
Concen: 3.114 ng
RT: 14.772 min Scan# 2011
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

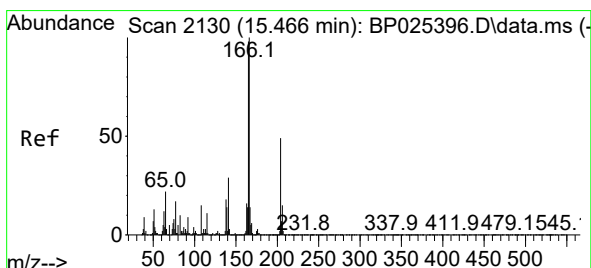
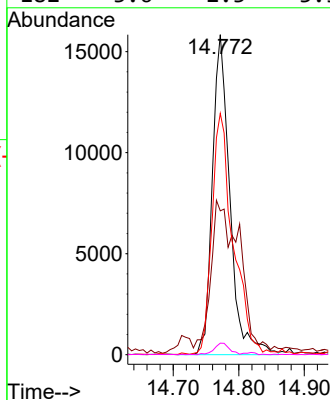
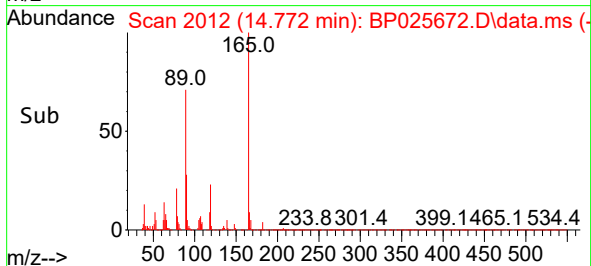
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:165 Resp: 2928
Ion Ratio Lower Upper
165 100
63 44.9 31.4 47.2
89 75.4 53.3 79.9
182 3.6 2.3 3.5#

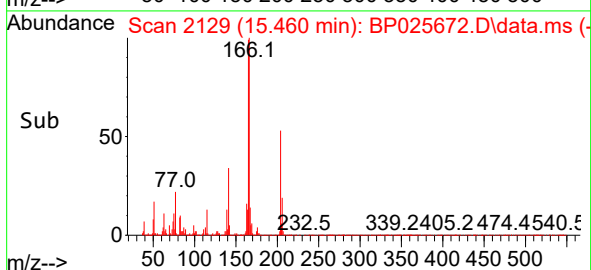
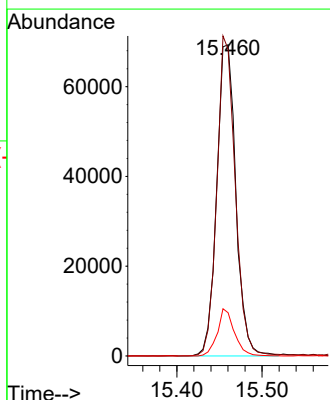
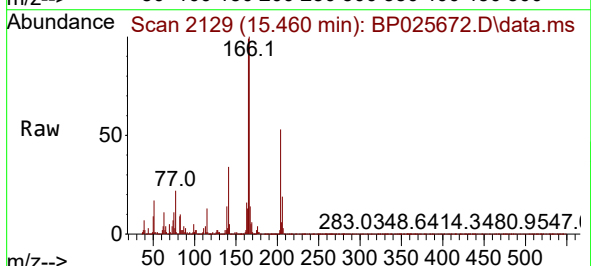
Manual Integrations
APPROVED

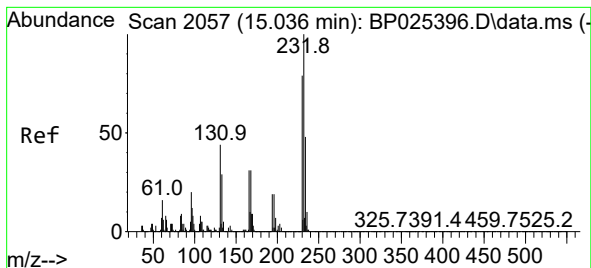
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#58
Fluorene
Concen: 3.700 ng
RT: 15.460 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

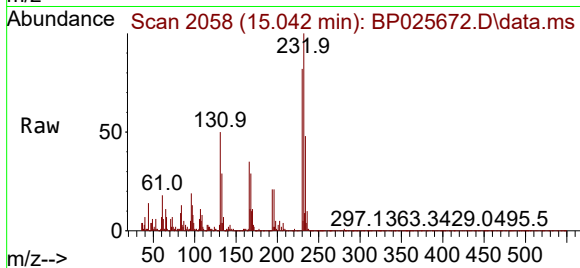
Tgt Ion:166 Resp: 108259
Ion Ratio Lower Upper
166 100
165 98.5 78.8 118.2
167 13.9 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.423 ng m
RT: 15.042 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

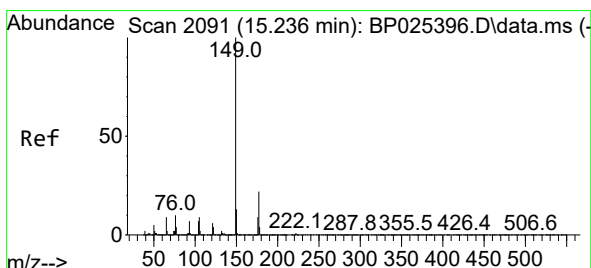
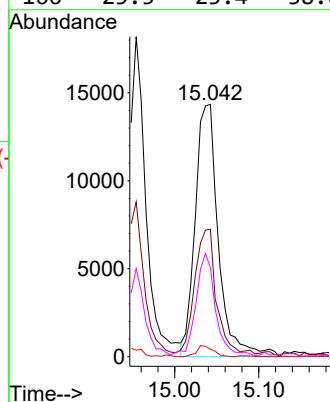
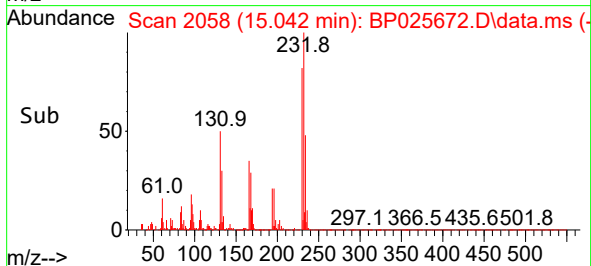
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:232 Resp: 2758
Ion Ratio Lower Upper
232 100
131 43.6 37.0 55.6
130 2.4 1.9 2.9
166 25.5 25.4 38.0

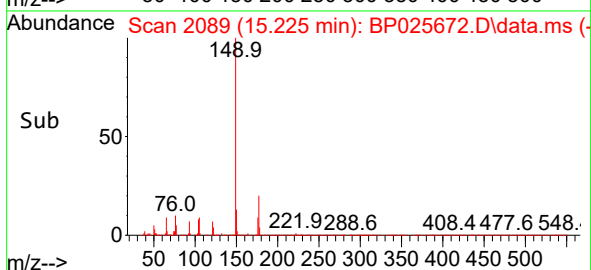
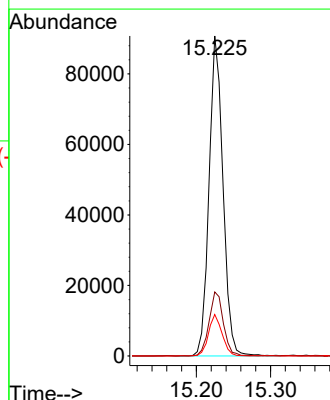
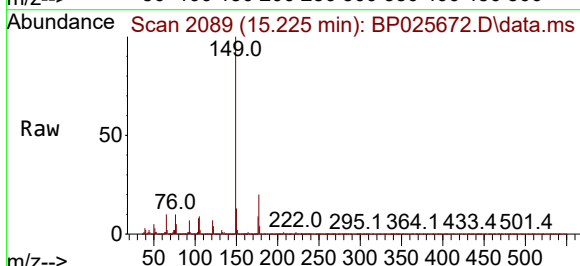
Manual Integrations
APPROVED

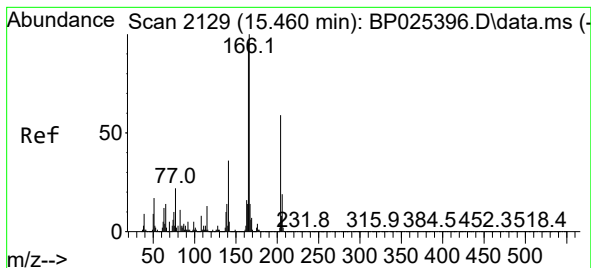
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#60
Diethylphthalate
Concen: 3.725 ng
RT: 15.225 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

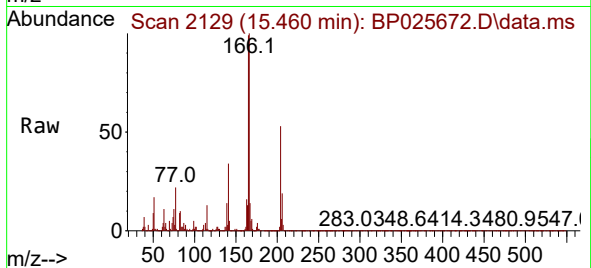
Tgt Ion:149 Resp: 118406
Ion Ratio Lower Upper
149 100
177 20.0 17.3 25.9
150 12.9 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 3.794 ng
RT: 15.460 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

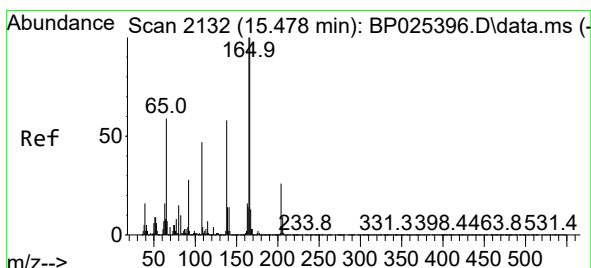
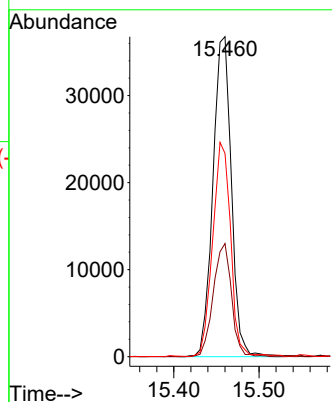
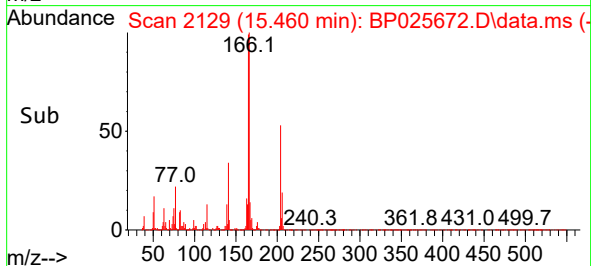
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



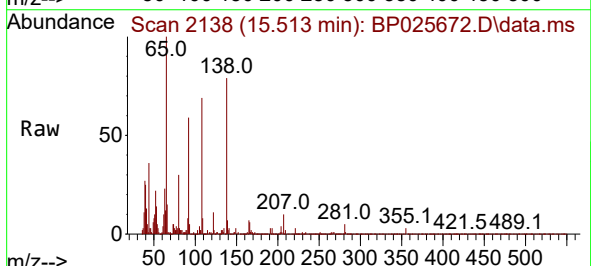
Tgt Ion: 204 Resp: 5522
Ion Ratio Lower Upper
204 100
206 35.4 25.8 38.8
141 63.6 49.4 74.2

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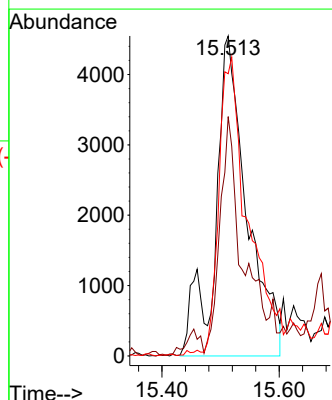
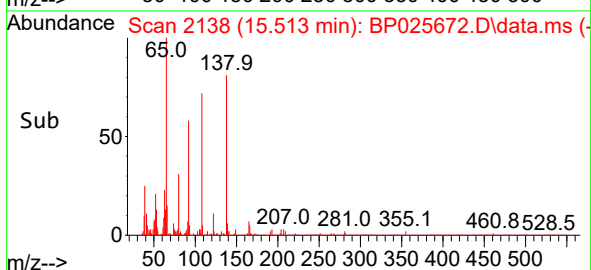
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

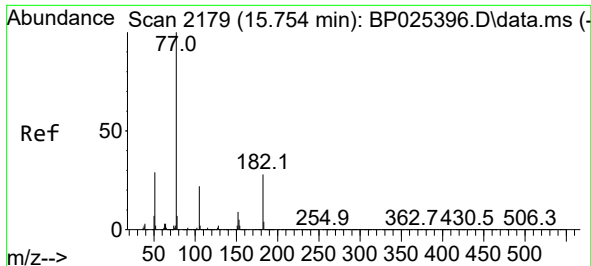


#62
4-Nitroaniline
Concen: 2.254 ng m
RT: 15.513 min Scan# 2138
Delta R.T. 0.035 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



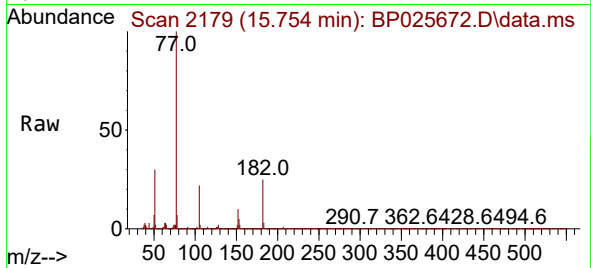
Tgt Ion: 138 Resp: 17143
Ion Ratio Lower Upper
138 100
92 74.8 29.1 69.1#
108 88.2 61.5 101.5





#63
Azobenzene
Concen: 3.770 ng
RT: 15.754 min Scan# 2179
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

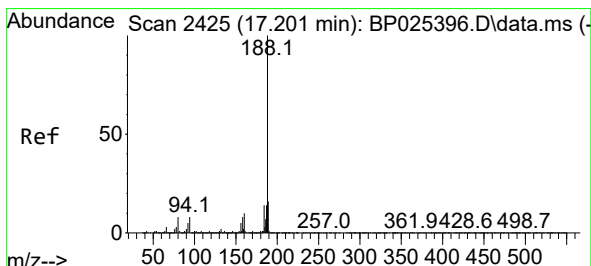
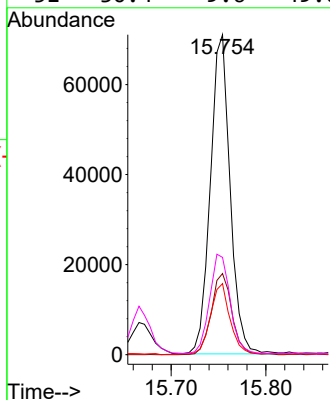
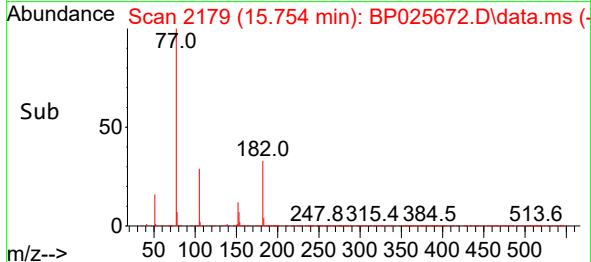
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



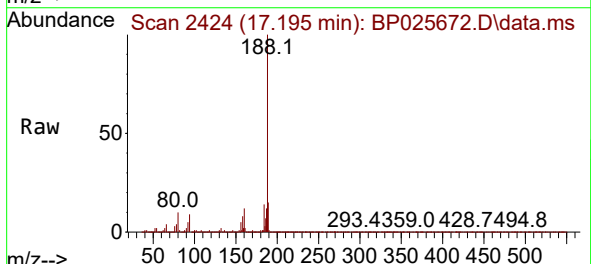
Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	7.5	47.5
105	22.2	2.1	42.1
51	30.4	9.6	49.6

Manual Integrations
APPROVED

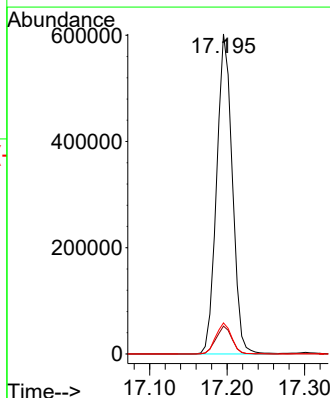
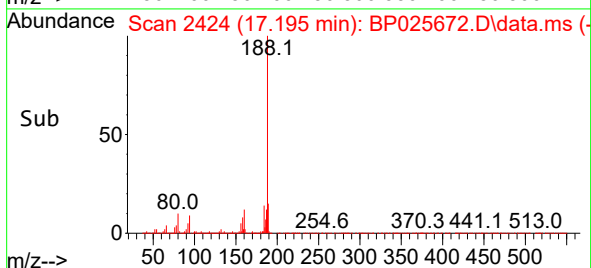
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

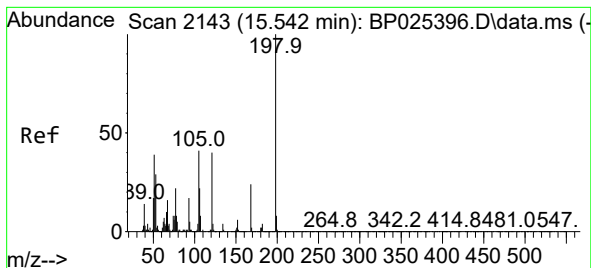


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.7	6.7	10.1





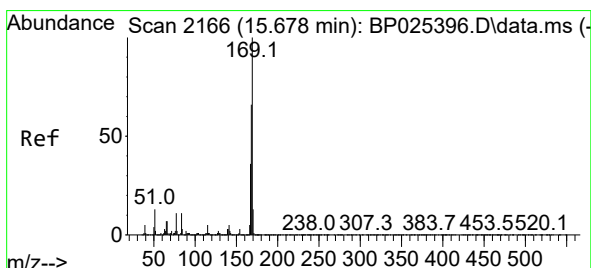
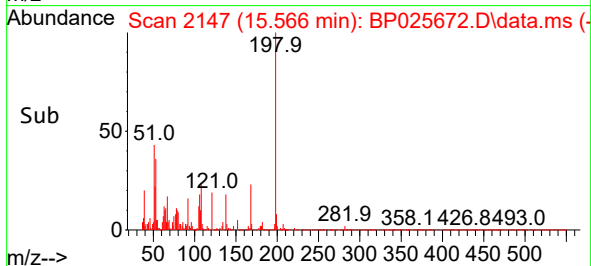
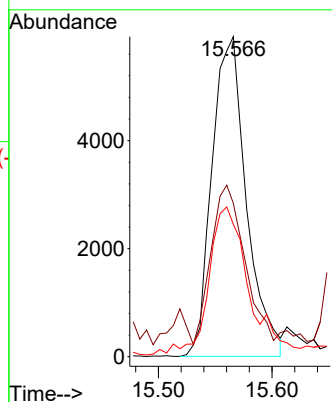
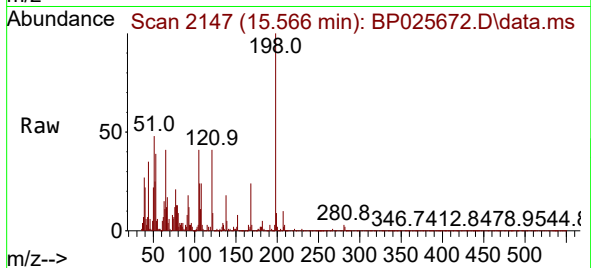
#65
4,6-Dinitro-2-methylphenol
Concen: 2.356 ng
RT: 15.566 min Scan# 2143
Delta R.T. 0.024 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Tgt Ion:198 Resp: 12439
Ion Ratio Lower Upper
198 100
51 47.9 19.6 59.6
105 41.4 20.9 60.9

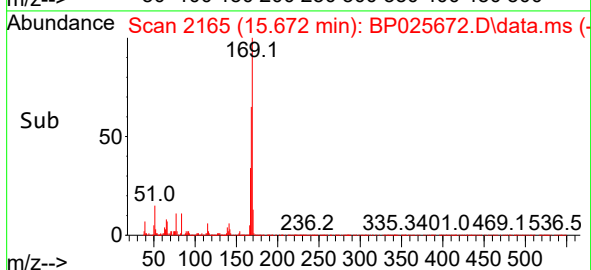
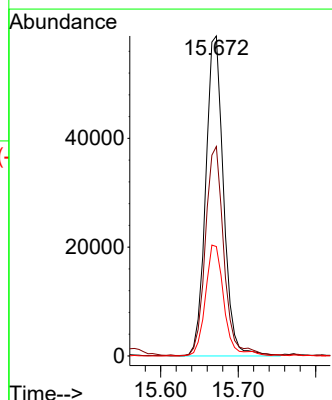
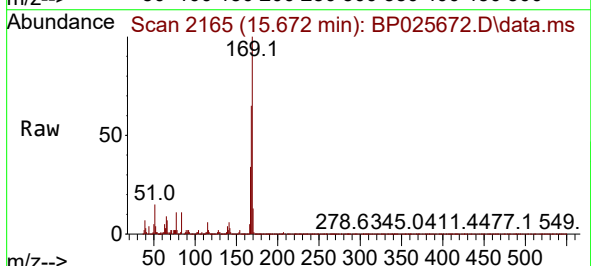
Manual Integrations
APPROVED

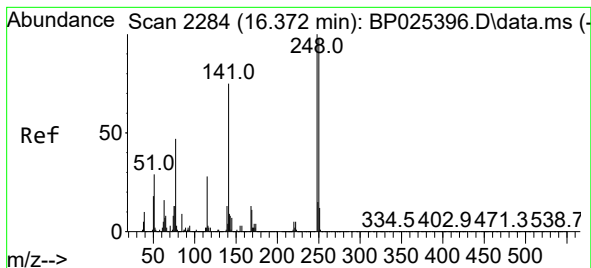
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#66
n-Nitrosodiphenylamine
Concen: 3.637 ng
RT: 15.672 min Scan# 2165
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

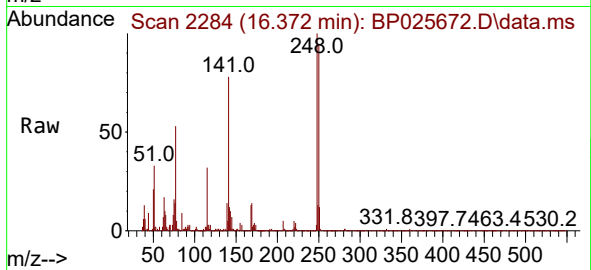
Tgt Ion:169 Resp: 93959
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 34.2 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 3.788 ng
RT: 16.372 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

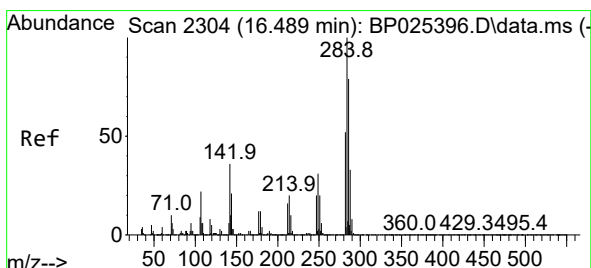
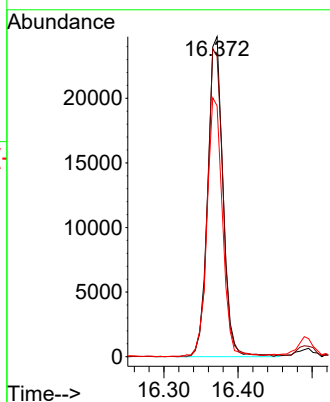
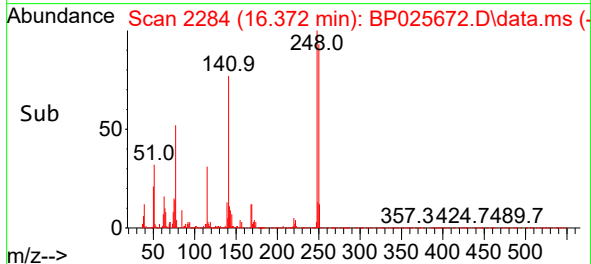
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



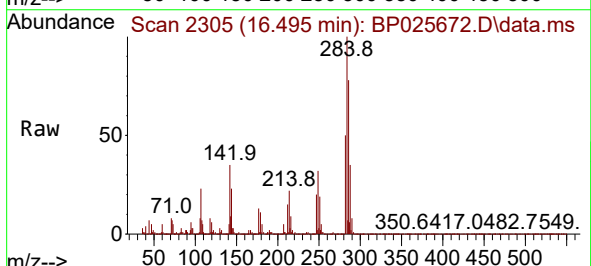
Tgt Ion:248 Resp: 3529
Ion Ratio Lower Upper
248 100
250 93.8 78.2 117.2
141 78.4 59.6 89.4

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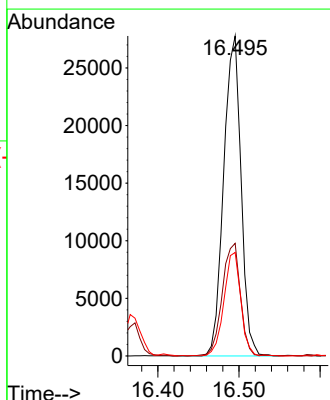
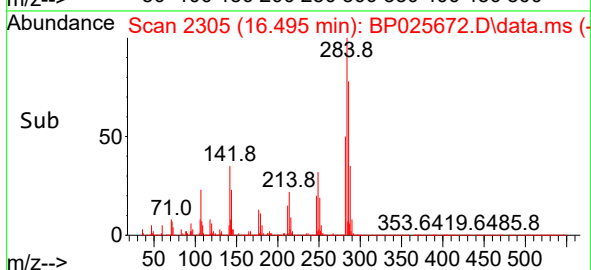
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

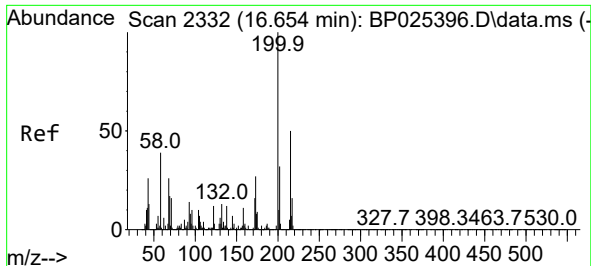


#68
Hexachlorobenzene
Concen: 3.826 ng
RT: 16.495 min Scan# 2305
Delta R.T. 0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



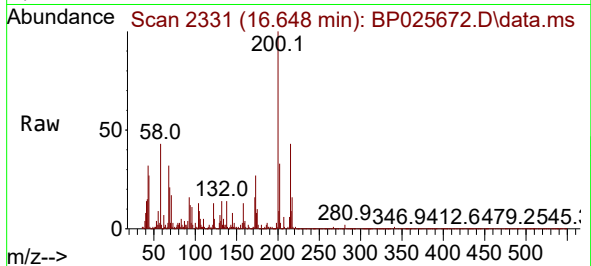
Tgt Ion:284 Resp: 41324
Ion Ratio Lower Upper
284 100
142 35.2 29.1 43.7
249 32.3 25.0 37.4





#69
Atrazine
Concen: 3.546 ng
RT: 16.648 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

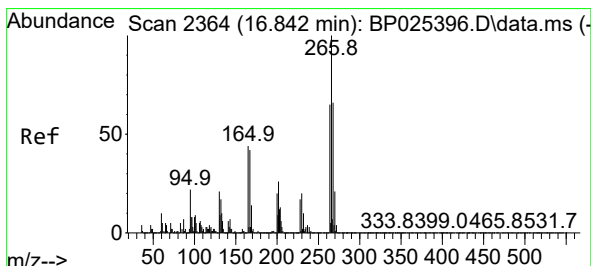
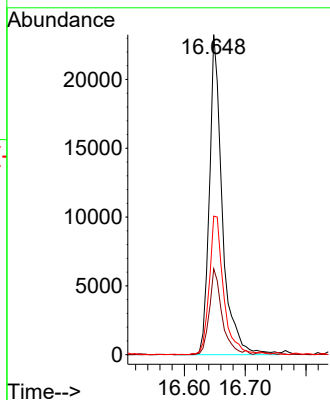
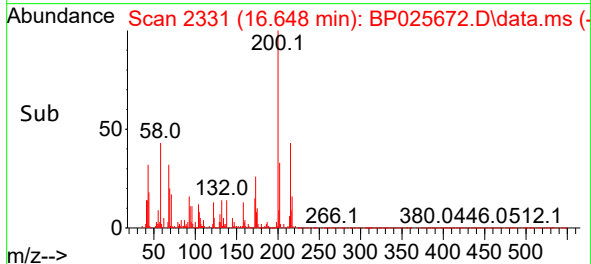
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:200 Resp: 34308
Ion Ratio Lower Upper
200 100
173 26.9 6.7 46.7
215 43.3 29.7 69.7

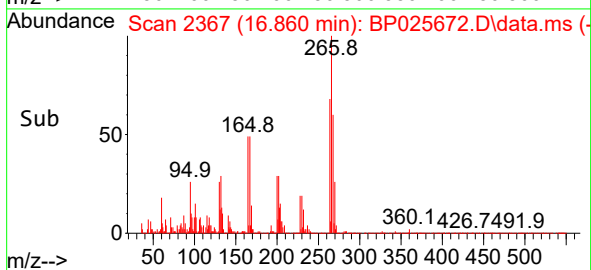
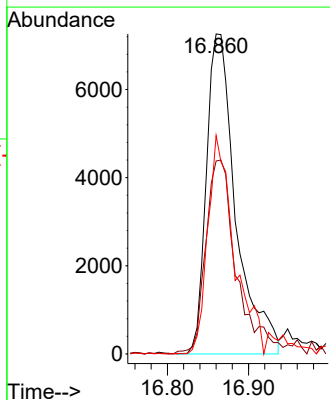
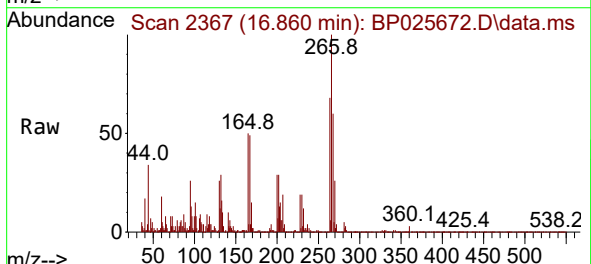
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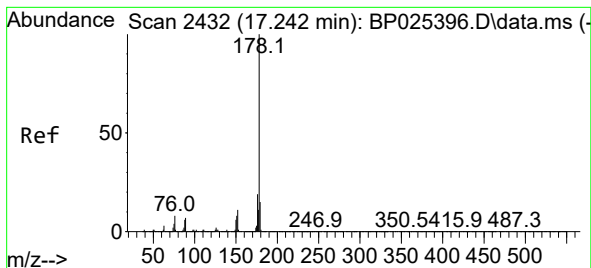
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#70
Pentachlorophenol
Concen: 2.690 ng
RT: 16.860 min Scan# 2367
Delta R.T. 0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:266 Resp: 18340
Ion Ratio Lower Upper
266 100
268 60.3 52.6 79.0
264 68.3 52.0 78.0





#71

Phenanthrene

Concen: 3.800 ng

RT: 17.236 min Scan# 2432

Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

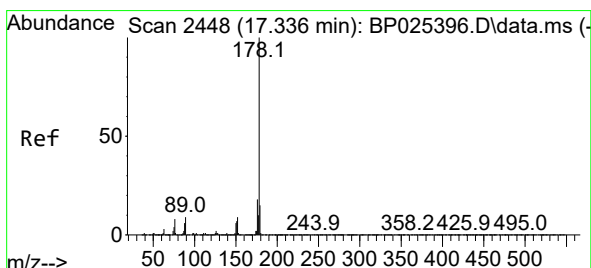
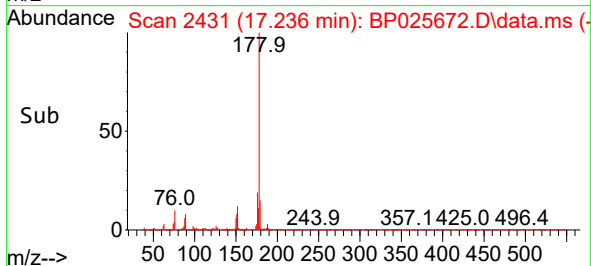
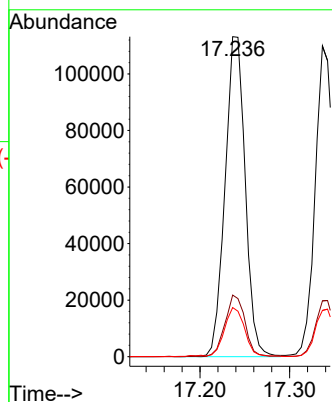
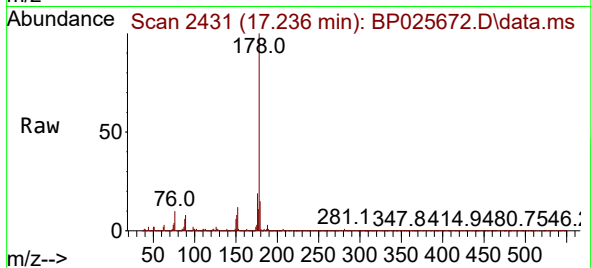
Tgt Ion:178 Resp: 176814
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.4 12.2 18.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#72

Anthracene

Concen: 3.606 ng

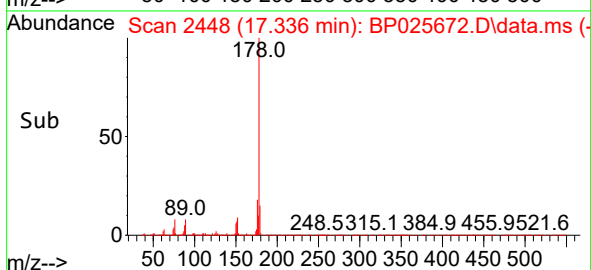
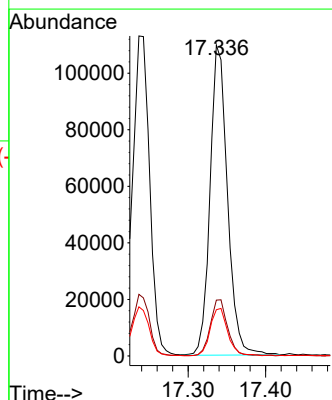
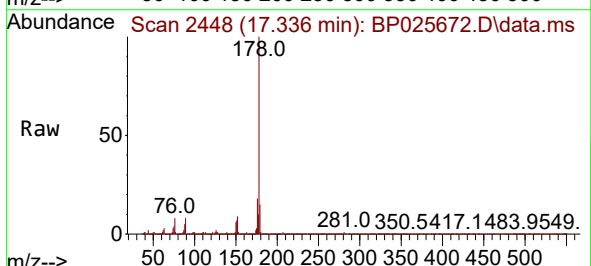
RT: 17.336 min Scan# 2448

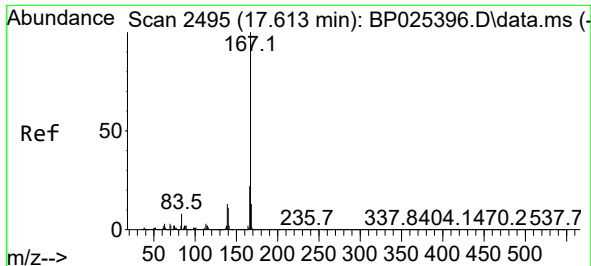
Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

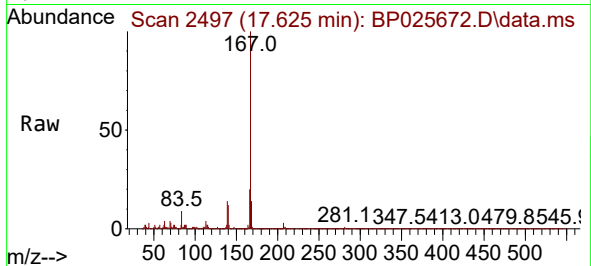
Tgt Ion:178 Resp: 171351
 Ion Ratio Lower Upper
 178 100
 176 18.0 14.7 22.1
 179 14.9 12.2 18.2





#73
 Carbazole
 Concen: 3.427 ng
 RT: 17.625 min Scan# 2495
 Delta R.T. 0.012 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40

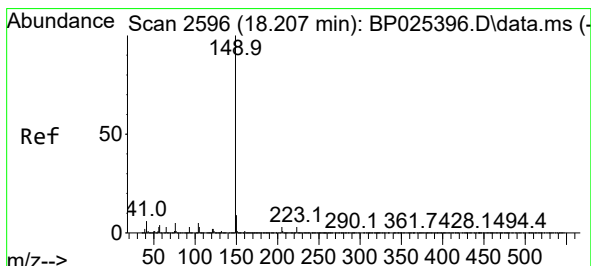
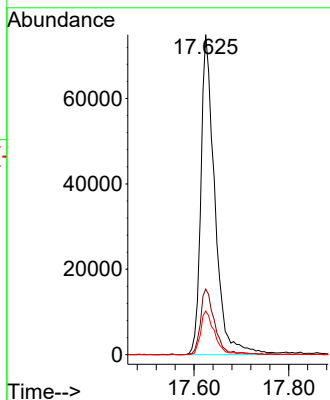
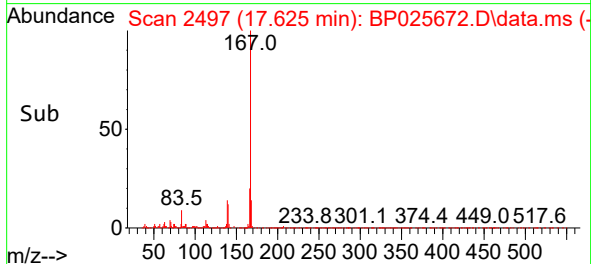
Instrument :
 BNA_P
 ClientSampleId :
 MDL-SOIL-03-QT3-2025



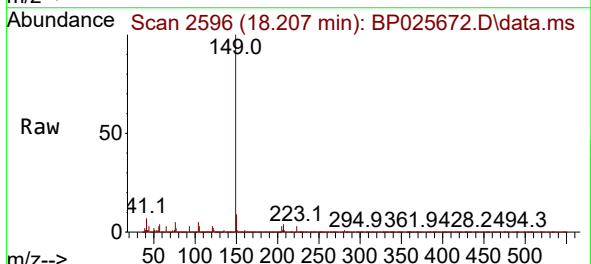
Tgt Ion:167 Resp: 15341
 Ion Ratio Lower Upper
 167 100
 166 20.5 17.5 26.3
 139 13.7 10.6 16.0

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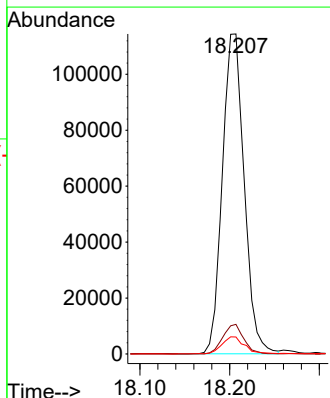
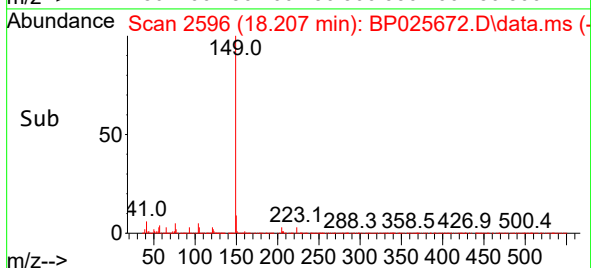
Reviewed By :Rahul Chavli 09/08/2025
 Supervised By :Jagrut Upadhyay 09/08/2025

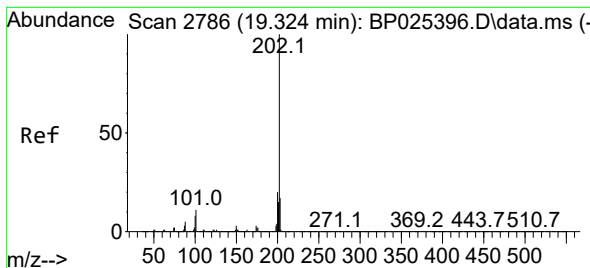


#74
 Di-n-butylphthalate
 Concen: 3.510 ng
 RT: 18.207 min Scan# 2596
 Delta R.T. 0.000 min
 Lab File: BP025672.D
 Acq: 05 Sep 2025 10:40



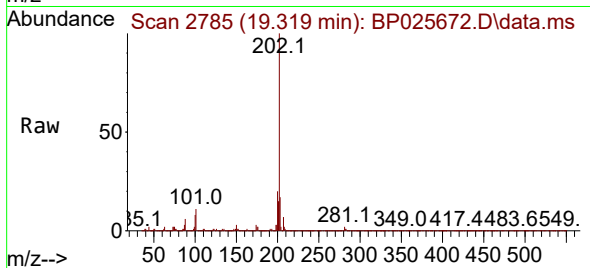
Tgt Ion:149 Resp: 193312
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 5.3 4.2 6.2





#75
Fluoranthene
Concen: 3.683 ng
RT: 19.319 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

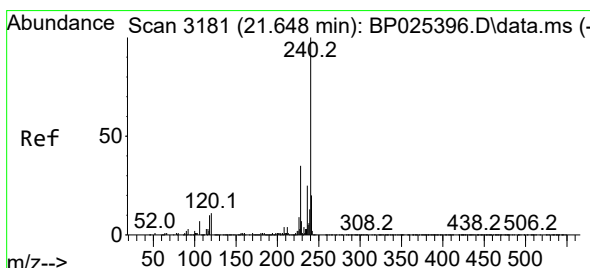
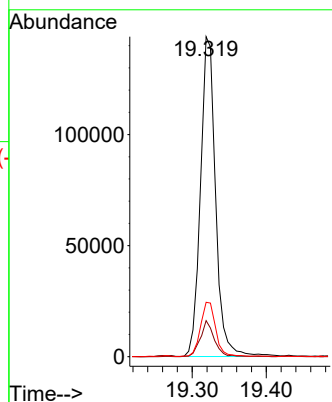
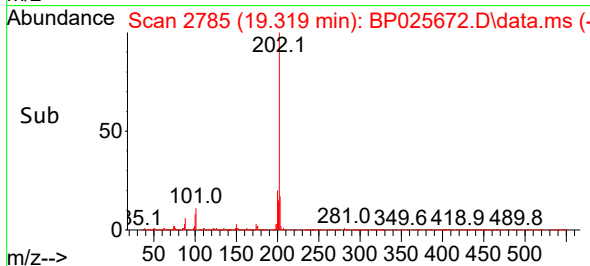
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:202 Resp: 20443
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.1
203 17.0 0.0 37.3

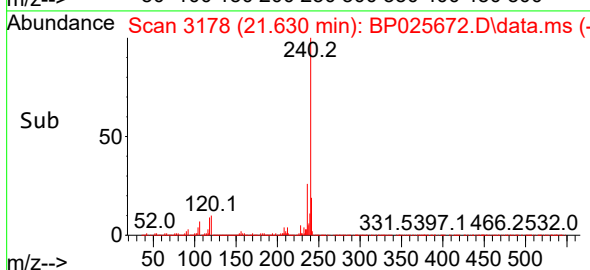
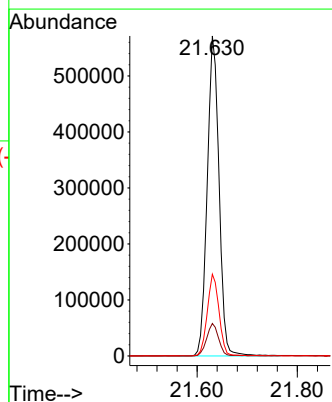
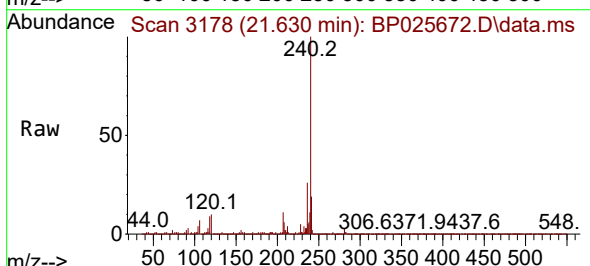
Manual Integrations
APPROVED

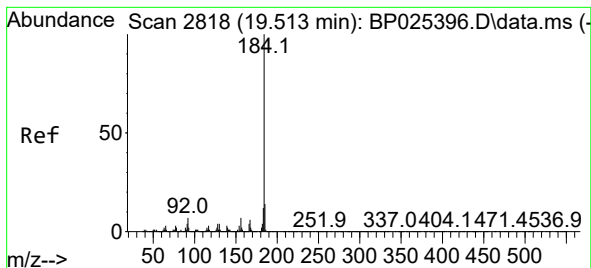
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:240 Resp: 935440
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 25.6 19.8 29.8





#77

Benzidine

Concen: 2.544 ng

RT: 19.530 min Scan# 2818

Delta R.T. 0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

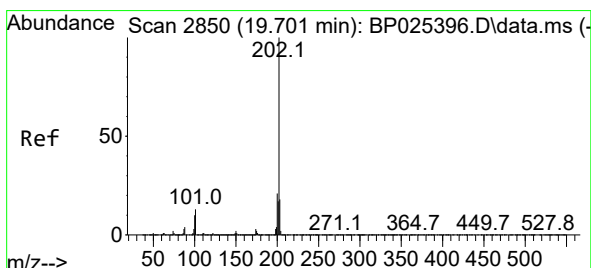
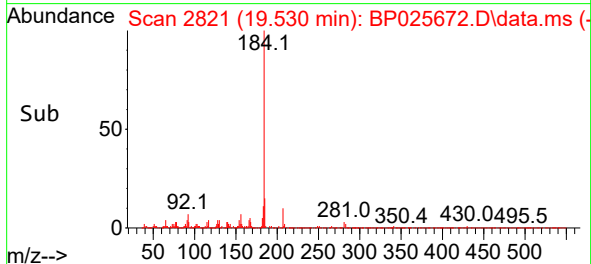
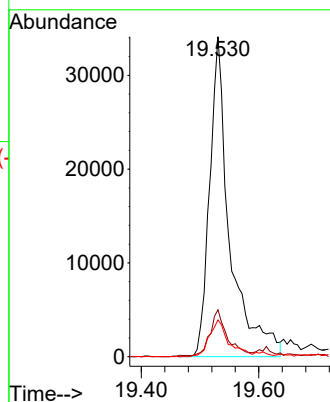
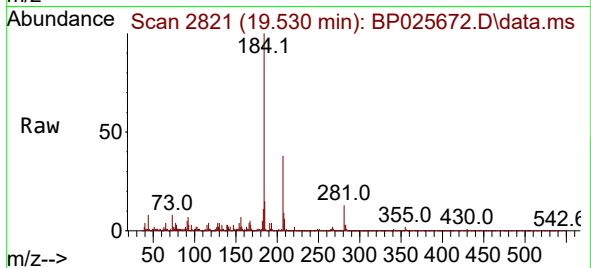
Tgt Ion:	184	Resp:	81210
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.5	17.3
183	11.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#78

Pyrene

Concen: 3.495 ng

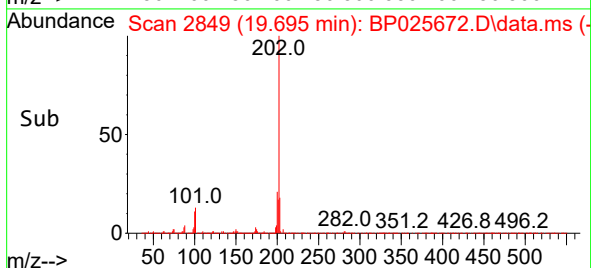
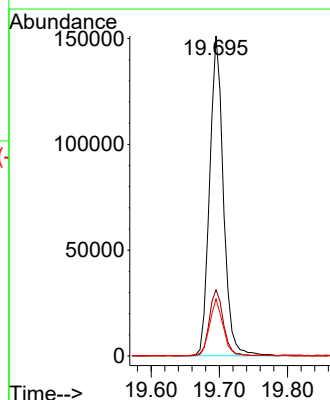
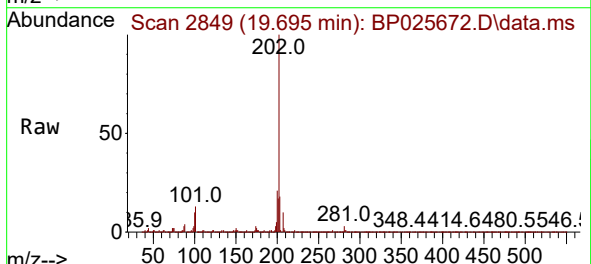
RT: 19.695 min Scan# 2849

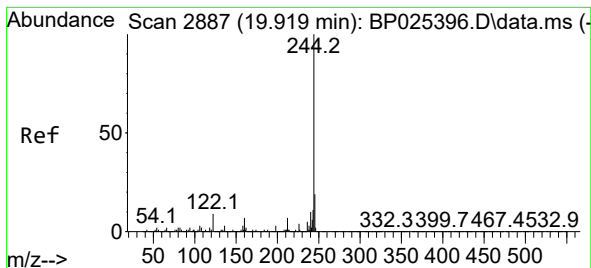
Delta R.T. -0.006 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:	202	Resp:	212513
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.9	25.3
203	17.8	14.2	21.2





#79

Terphenyl-d14

Concen: 77.948 ng

RT: 19.913 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025672.D

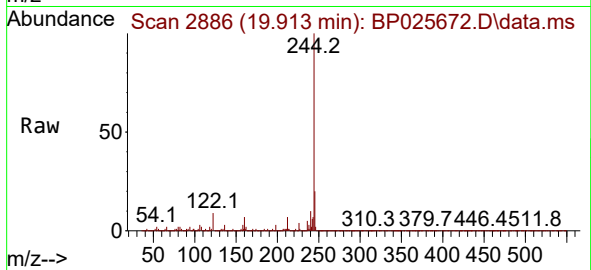
Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025



Tgt Ion:244 Resp: 3985370

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

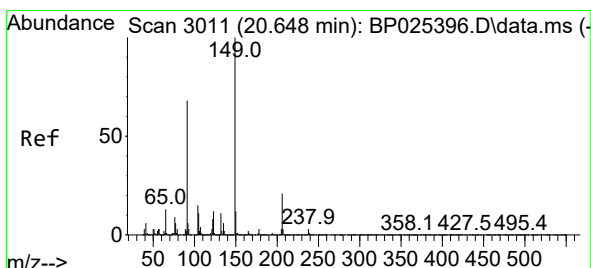
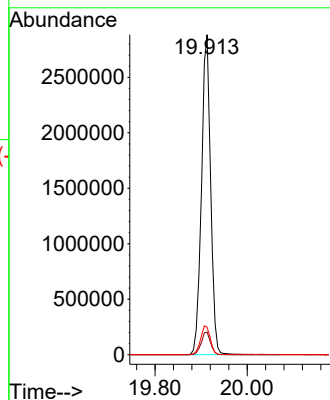
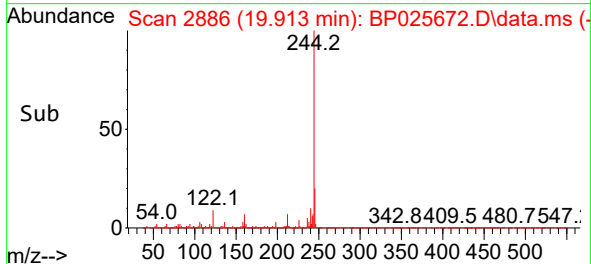
122 8.6 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#80

Butylbenzylphthalate

Concen: 3.299 ng

RT: 20.630 min Scan# 3008

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

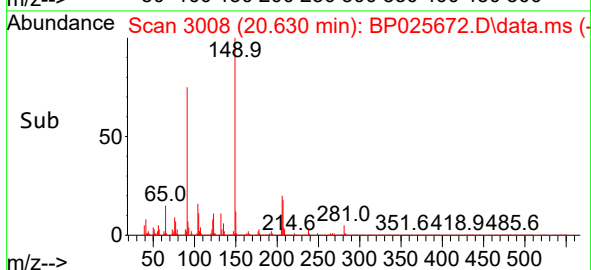
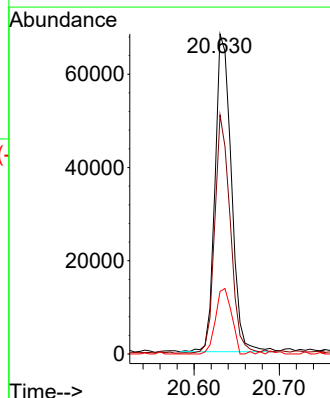
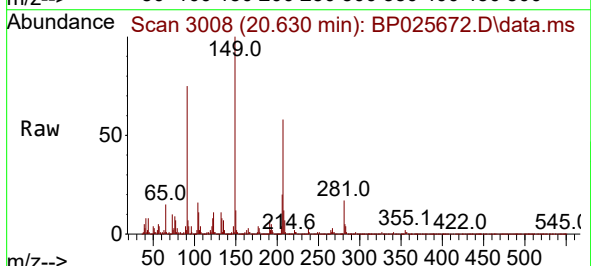
Tgt Ion:149 Resp: 90901

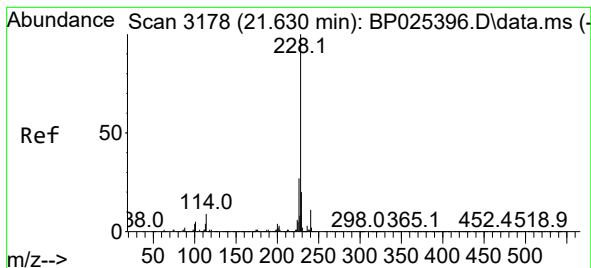
Ion Ratio Lower Upper

149 100

91 74.7 54.2 81.2

206 19.5 16.6 24.8





#81

Benzo(a)anthracene

Concen: 3.555 ng

RT: 21.613 min Scan# 3175

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

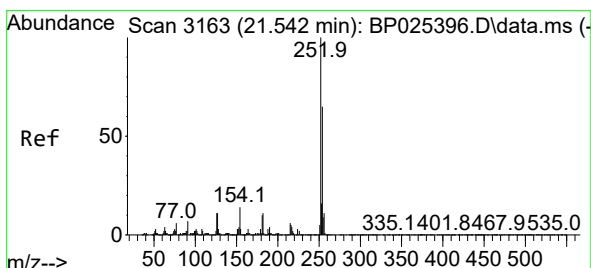
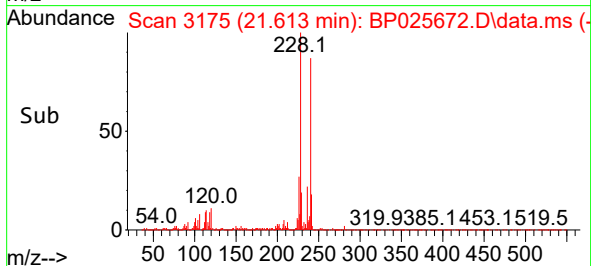
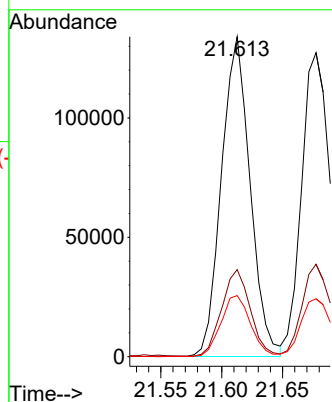
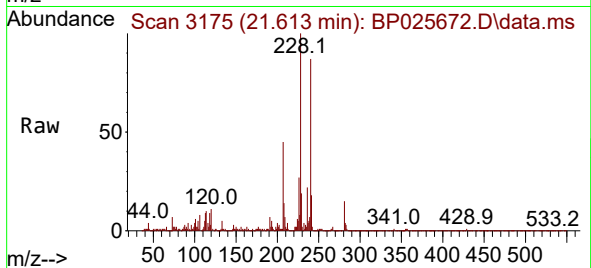
Tgt Ion:228 Resp: 219298
 Ion Ratio Lower Upper
 228 100
 226 27.2 21.7 32.5
 229 19.1 15.6 23.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#82

3,3'-Dichlorobenzidine

Concen: 3.141 ng

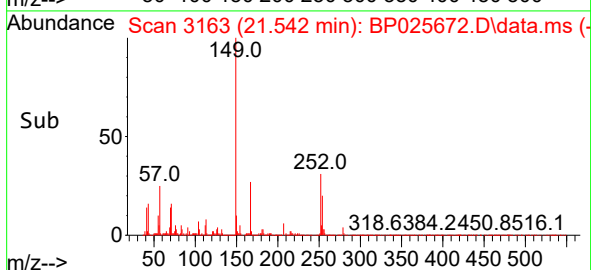
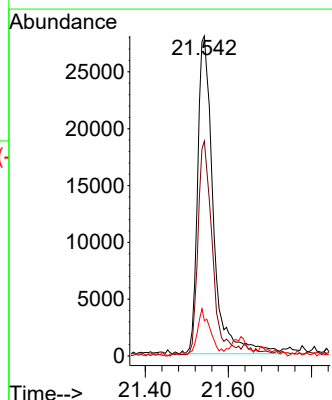
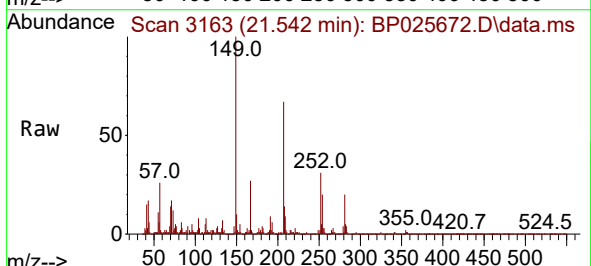
RT: 21.542 min Scan# 3163

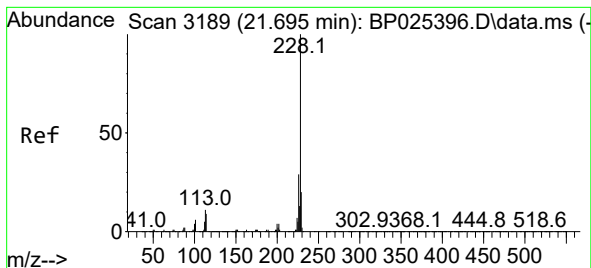
Delta R.T. 0.000 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:252 Resp: 73034
 Ion Ratio Lower Upper
 252 100
 254 67.1 51.8 77.6
 126 11.0 9.1 13.7





#83

Chrysene

Concen: 3.665 ng

RT: 21.677 min Scan# 3189

Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

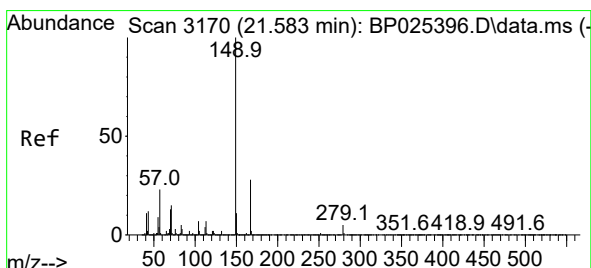
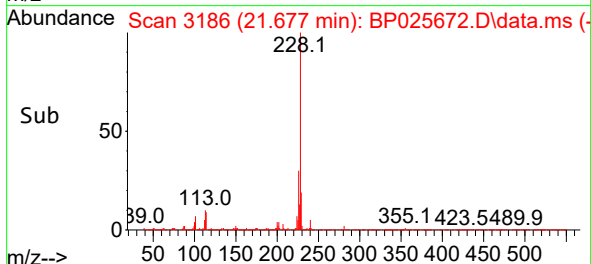
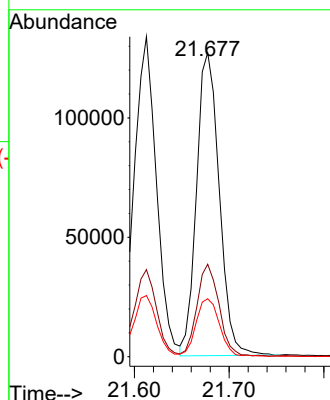
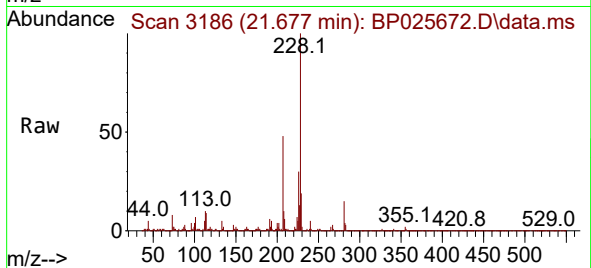
Tgt Ion:	228	Resp:	21172
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.2	34.8
229	19.0	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.484 ng

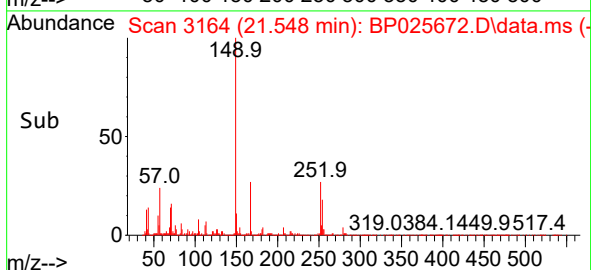
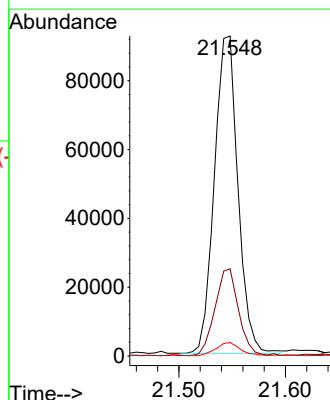
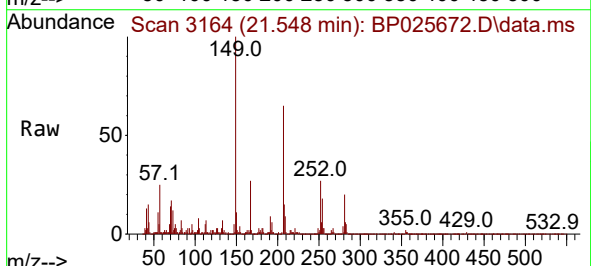
RT: 21.548 min Scan# 3164

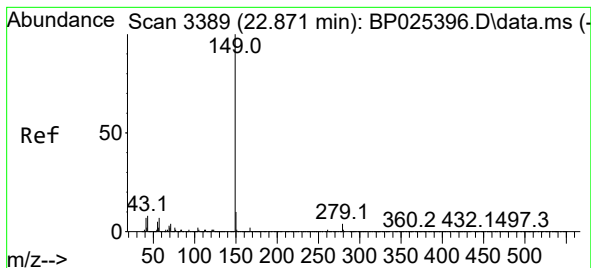
Delta R.T. -0.035 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

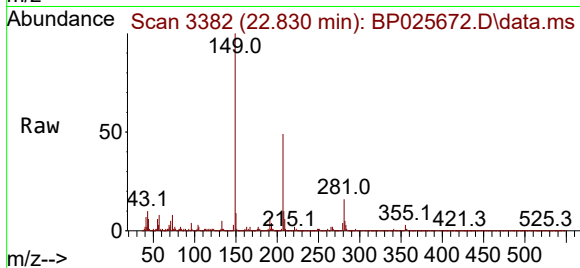
Tgt Ion:	149	Resp:	141335
Ion Ratio	Lower	Upper	
149	100		
167	27.3	22.1	33.1
279	4.2	3.8	5.6





#85
Di-n-octyl phthalate
Concen: 3.335 ng
RT: 22.830 min Scan# 31
Delta R.T. -0.041 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

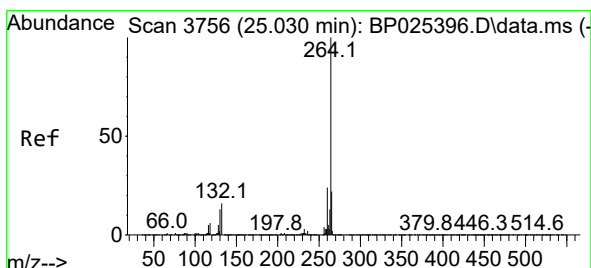
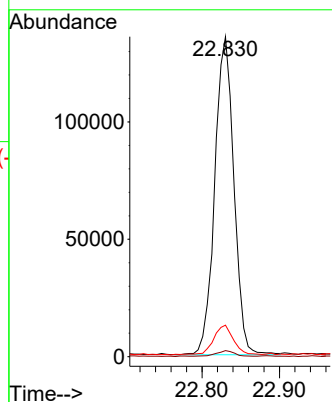
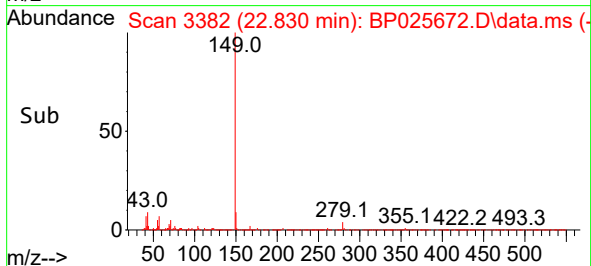
Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



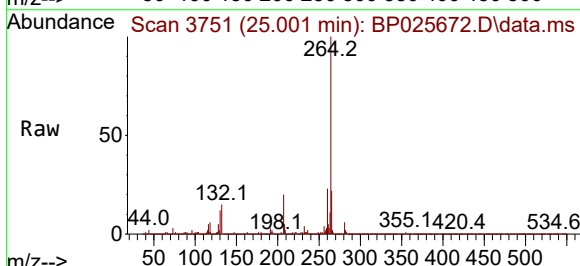
Tgt Ion:149 Resp: 23270
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 6.3 9.5

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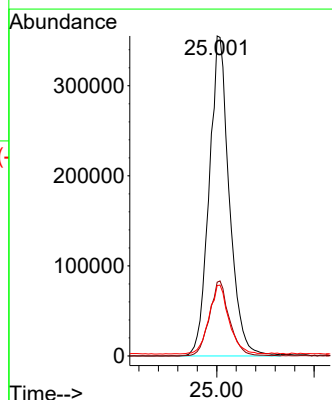
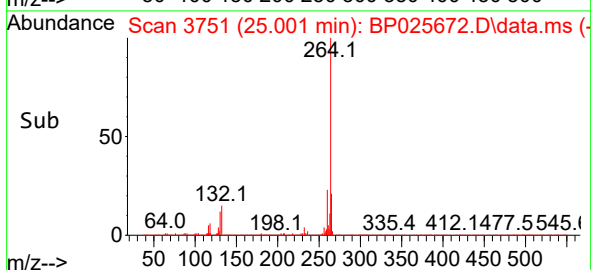
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

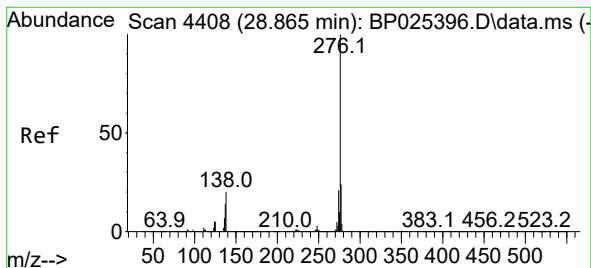


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40



Tgt Ion:264 Resp: 1018028
Ion Ratio Lower Upper
264 100
260 23.0 19.3 28.9
265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.360 ng

RT: 28.836 min Scan# 4408

Delta R.T. -0.029 min

Lab File: BP025672.D

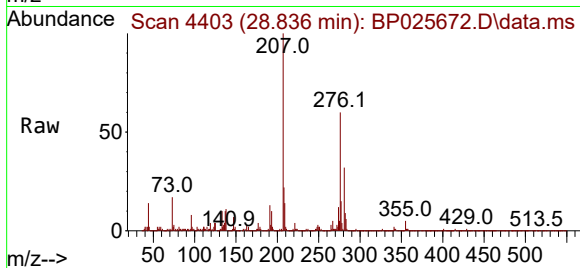
Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025



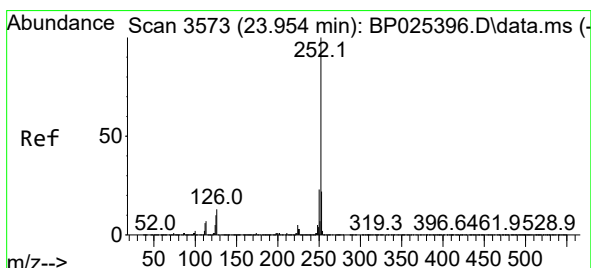
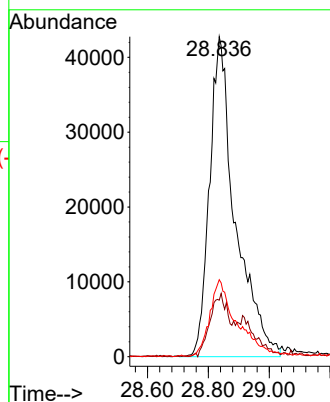
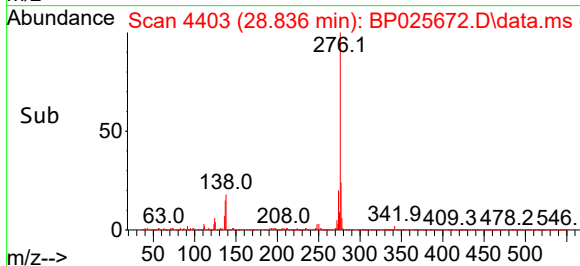
Tgt Ion:	276	Resp:	25084
Ion Ratio	Lower	Upper	
276	100		
138	13.8	12.9	19.3
277	25.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#88

Benzo(b)fluoranthene

Concen: 3.478 ng

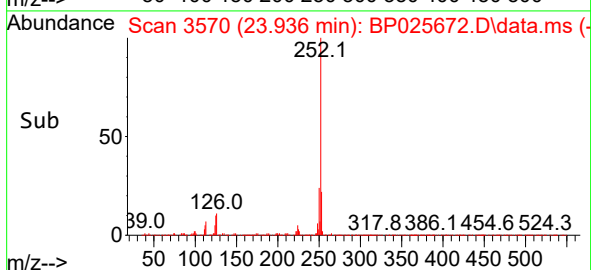
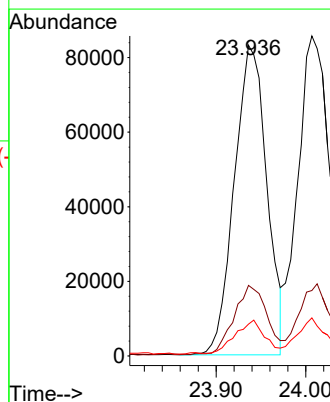
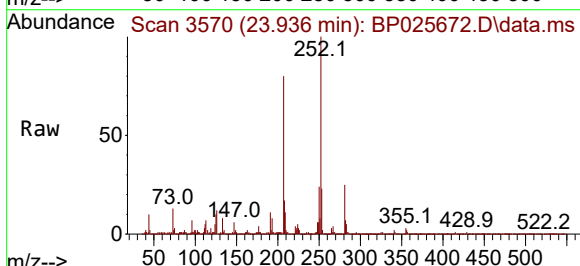
RT: 23.936 min Scan# 3570

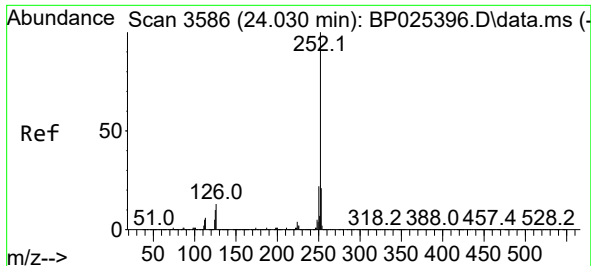
Delta R.T. -0.018 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

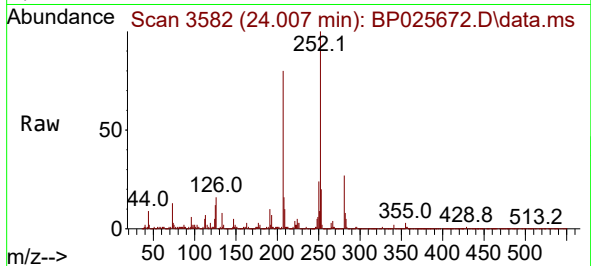
Tgt Ion:	252	Resp:	208755
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	10.3	7.9	11.9





#89
Benzo(k)fluoranthene
Concen: 3.634 ng m
RT: 24.007 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

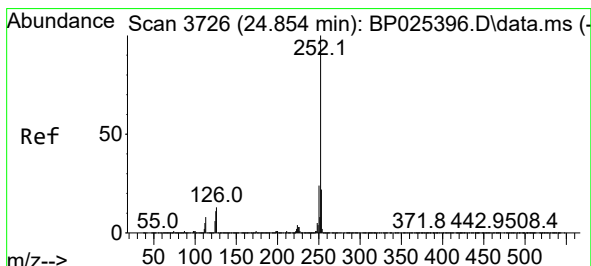
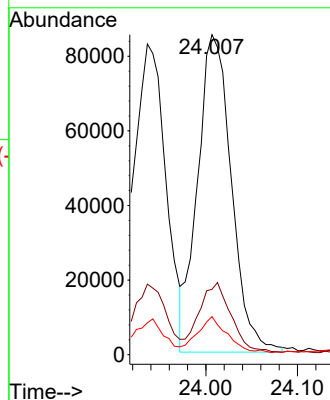
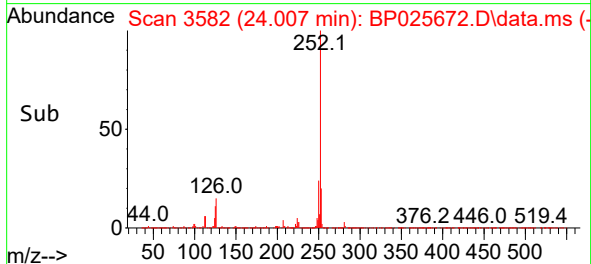
Instrument : BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025



Tgt Ion:252 Resp: 21827
Ion Ratio Lower Upper
252 100
253 20.4 17.1 25.7
125 11.9 7.8 11.6

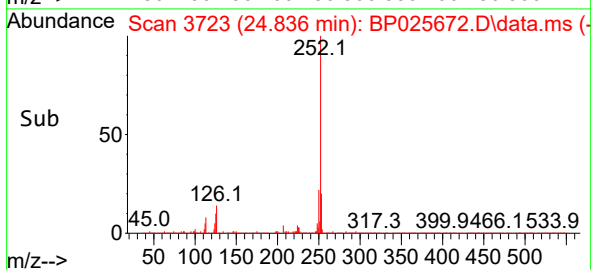
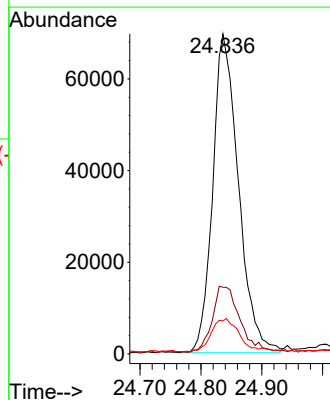
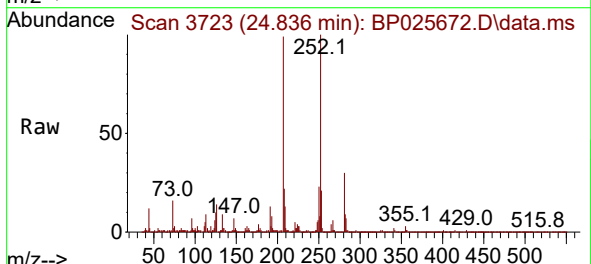
Manual Integrations
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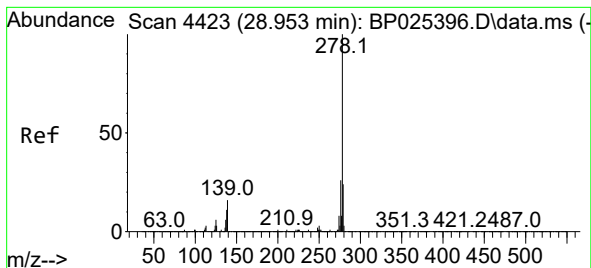
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025



#90
Benzo(a)pyrene
Concen: 3.488 ng
RT: 24.836 min Scan# 3723
Delta R.T. -0.018 min
Lab File: BP025672.D
Acq: 05 Sep 2025 10:40

Tgt Ion:252 Resp: 203799
Ion Ratio Lower Upper
252 100
253 20.8 17.5 26.3
125 10.4 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.267 ng

RT: 28.912 min Scan# 44

Delta R.T. -0.041 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Instrument :

BNA_P

ClientSampleId :

MDL-SOIL-03-QT3-2025

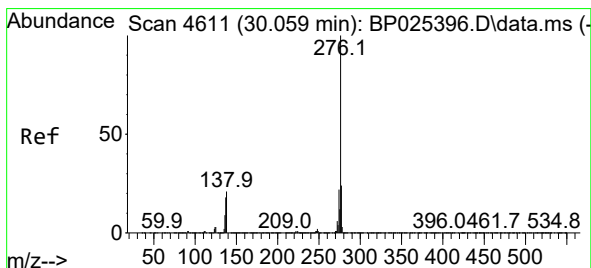
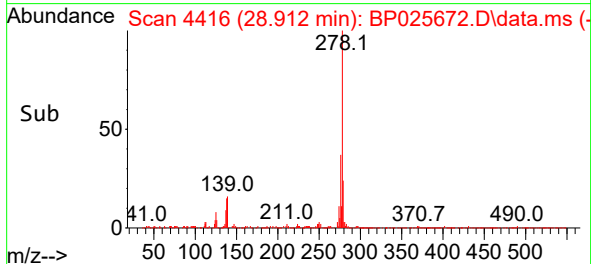
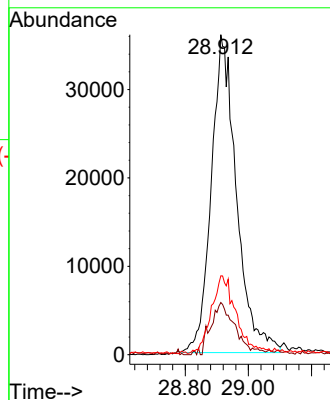
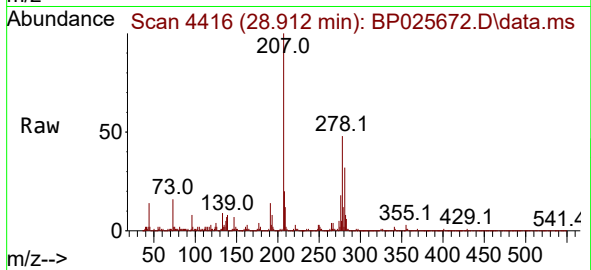
Tgt Ion:	278	Resp:	199309
Ion Ratio	Lower	Upper	
278	100		
139	16.3	13.0	19.4
279	24.7	19.4	29.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/08/2025

Supervised By :Jagrut Upadhyay 09/08/2025



#92

Benzo(g,h,i)perylene

Concen: 3.328 ng

RT: 30.024 min Scan# 4605

Delta R.T. -0.035 min

Lab File: BP025672.D

Acq: 05 Sep 2025 10:40

Tgt Ion:	276	Resp:	199611
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.4	29.0
138	15.9	16.7	25.1

