

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072925\
 Data File : BP025263.D
 Acq On : 29 Jul 2025 15:57
 Operator : CG/JU
 Sample : PB169045BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169045BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/30/2025
 Supervised By :Jagrut Upadhyay 07/30/2025

Quant Time: Jul 29 16:25:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 29 15:28:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.402	152	395184	20.000	ng	0.00
21) Naphthalene-d8	10.143	136	1597487	20.000	ng	0.00
39) Acenaphthene-d10	14.043	164	1063390	20.000	ng	0.00
64) Phenanthrene-d10	16.878	188	2167842	20.000	ng	0.00
76) Chrysene-d12	21.301	240	2293729	20.000	ng	0.00
86) Perylene-d12	24.418	264	2662274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2955585	126.368	ng	0.00
7) Phenol-d6	6.649	99	3710808	128.101	ng	0.00
23) Nitrobenzene-d5	8.537	82	2195474	76.376	ng	0.00
42) 2,4,6-Tribromophenol	15.584	330	1880267	119.940	ng	0.00
45) 2-Fluorobiphenyl	12.643	172	5792118	76.790	ng	0.00
79) Terphenyl-d14	19.630	244	9813270	84.455	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.102	88	302701	34.532	ng	97
3) Pyridine	3.496	79	825944	35.199	ng	97
4) n-Nitrosodimethylamine	3.390	42	405085	43.532	ng	# 90
6) Aniline	6.772	93	676805	17.874	ng	99
8) 2-Chlorophenol	6.996	128	1229504	46.331	ng	98
9) Benzaldehyde	6.572	77	556900	28.355	ng	99
10) Phenol	6.672	94	1406906	46.832	ng	97
11) bis(2-Chloroethyl)ether	6.855	93	1284489	55.771	ng	95
12) 1,3-Dichlorobenzene	7.290	146	1273297	42.667	ng	99
13) 1,4-Dichlorobenzene	7.437	146	1287789	42.751	ng	100
14) 1,2-Dichlorobenzene	7.743	146	1234555	42.603	ng	99
15) Benzyl Alcohol	7.666	79	819370	39.213	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.925	45	1337065	45.371	ng	98
17) 2-Methylphenol	7.878	107	976380	46.880	ng	98
18) Hexachloroethane	8.449	117	438956	42.373	ng	99
19) n-Nitroso-di-n-propyla...	8.213	70	764789	43.886	ng	97
20) 3+4-Methylphenols	8.208	107	1312023	46.182	ng	# 62
22) Acetophenone	8.219	105	1633333	43.939	ng	# 94
24) Nitrobenzene	8.578	77	1159599	45.253	ng	95
25) Isophorone	9.119	82	2151369	42.559	ng	99
26) 2-Nitrophenol	9.278	139	630121	42.822	ng	98
27) 2,4-Dimethylphenol	9.378	122	1138276	46.229	ng	98
28) bis(2-Chloroethoxy)met...	9.578	93	1427060	45.133	ng	99
29) 2,4-Dichlorophenol	9.849	162	1185398	46.861	ng	99
30) 1,2,4-Trichlorobenzene	10.007	180	1199047	43.398	ng	99
31) Naphthalene	10.190	128	3577245	43.761	ng	100
32) Benzoic acid	9.584	122	609061	32.401	ng	97
33) 4-Chloroaniline	10.354	127	910884	25.349	ng	98
34) Hexachlorobutadiene	10.484	225	697594	41.949	ng	99
35) Caprolactam	11.219	113	367841	43.814	ng	95
36) 4-Chloro-3-methylphenol	11.501	107	1177950	46.583	ng	99
37) 2-Methylnaphthalene	11.819	142	2370160	44.652	ng	100
38) 1-Methylnaphthalene	12.037	142	2487135	44.606	ng	99
40) 1,2,4,5-Tetrachloroben...	12.201	216	1369601	42.968	ng	99
41) Hexachlorocyclopentadiene	12.184	237	1796272	94.403	ng	100
43) 2,4,6-Trichlorophenol	12.466	196	975232	44.778	ng	99

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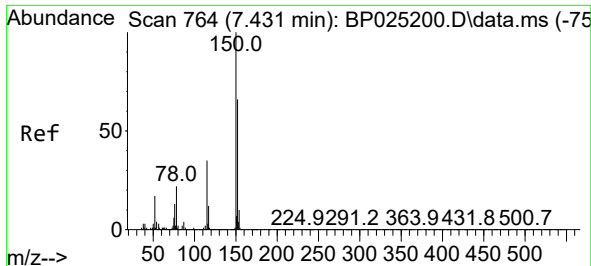
Manual Integrations
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 Supervised By :Jagrut Upadhyay 07/30/2025

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1067909	44.557	ng	98
46) 1,1'-Biphenyl	12.866	154	3478907	45.129	ng	99
47) 2-Chloronaphthalene	12.901	162	2673539	44.423	ng	100
48) 2-Nitroaniline	13.131	65	718641	46.758	ng	97
49) Acenaphthylene	13.754	152	4461361	45.831	ng	100
50) Dimethylphthalate	13.525	163	3485584	45.833	ng	99
51) 2,6-Dinitrotoluene	13.637	165	773989	46.839	ng	93
52) Acenaphthene	14.107	154	2503893	44.482	ng	99
53) 3-Nitroaniline	13.990	138	692503	37.162	ng	98
54) 2,4-Dinitrophenol	14.190	184	963644	98.424	ng	98
55) Dibenzofuran	14.460	168	4088599	44.967	ng	97
56) 4-Nitrophenol	14.378	139	934838	58.626	ng	95
57) 2,4-Dinitrotoluene	14.442	165	1112768	48.107	ng	93
58) Fluorene	15.131	166	3353179	46.453	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.719	232	963998	45.449	ng	99
60) Diethylphthalate	14.931	149	3517931	46.933	ng	99
61) 4-Chlorophenyl-phenyle...	15.131	204	1678699	46.023	ng	100
62) 4-Nitroaniline	15.178	138	728115	38.420	ng	93
63) Azobenzene	15.431	77	2936436	48.074	ng	96
65) 4,6-Dinitro-2-methylph...	15.231	198	661853	47.308	ng	98
66) n-Nitrosodiphenylamine	15.360	169	3037516	46.163	ng	100
67) 4-Bromophenyl-phenylether	16.054	248	1103254	43.607	ng	100
68) Hexachlorobenzene	16.160	284	1337847	44.528	ng	96
69) Atrazine	16.360	200	1013652	41.631	ng	99
70) Pentachlorophenol	16.531	266	1668273	81.653	ng	99
71) Phenanthrene	16.919	178	5397957	46.167	ng	100
72) Anthracene	17.001	178	5551682	47.133	ng	100
73) Carbazole	17.301	167	5224148	46.461	ng	100
74) Di-n-butylphthalate	17.919	149	6202495	47.808	ng	99
75) Fluoranthene	19.019	202	6462389	46.963	ng	99
77) Benzidine	19.242	184	2891155	35.902	ng	99
78) Pyrene	19.401	202	6648277	47.008	ng	99
80) Butylbenzylphthalate	20.383	149	2947236	46.036	ng	96
81) Benzo(a)anthracene	21.283	228	6742573	46.549	ng	100
82) 3,3'-Dichlorobenzidine	21.230	252	2064178	34.378	ng	99
83) Chrysene	21.348	228	6323741	46.767	ng	99
84) Bis(2-ethylhexyl)phtha...	21.260	149	4213555	46.029	ng	100
85) Di-n-octyl phthalate	22.466	149	7162351	45.310	ng	100
87) Indeno(1,2,3-cd)pyrene	27.924	276	8735277	44.899	ng	99
88) Benzo(b)fluoranthene	23.442	252	7222114	47.392	ng	99
89) Benzo(k)fluoranthene	23.513	252	6975768	46.368	ng	99
90) Benzo(a)pyrene	24.271	252	6892794	46.358	ng	100
91) Dibenzo(a,h)anthracene	27.995	278	7198071	45.349	ng	99
92) Benzo(g,h,i)perylene	28.989	276	7209603m	46.219	ng	

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



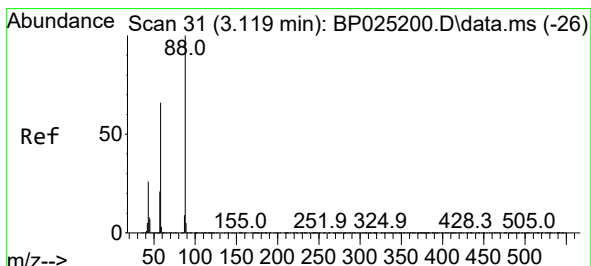
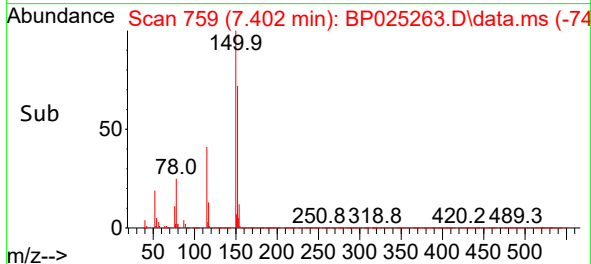
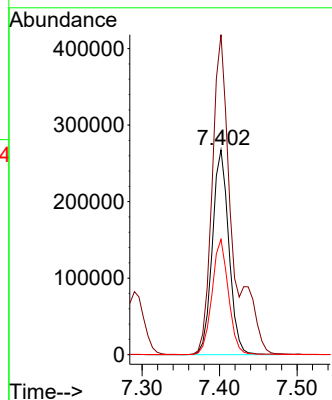
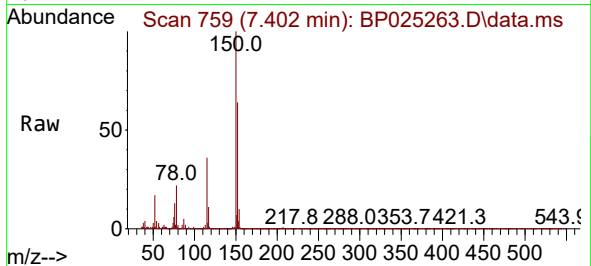
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.402 min Scan# 7
Delta R.T. -0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Tgt Ion:152 Resp: 395184
Ion Ratio Lower Upper
152 100
150 156.2 121.9 182.9
115 56.3 43.0 64.6

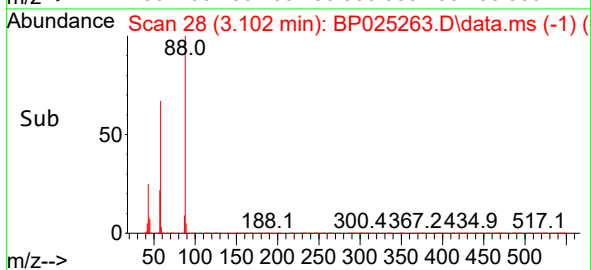
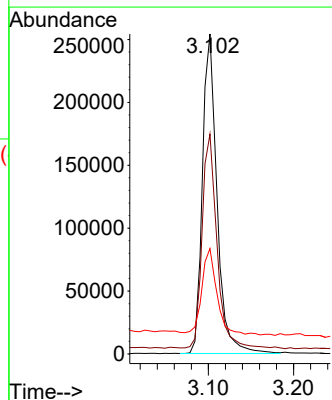
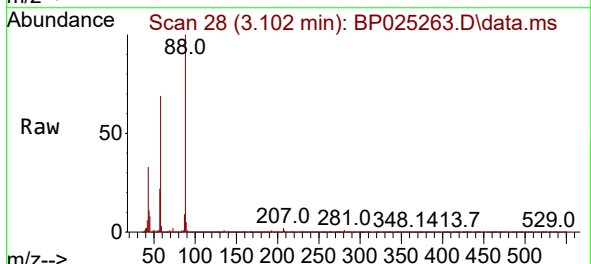
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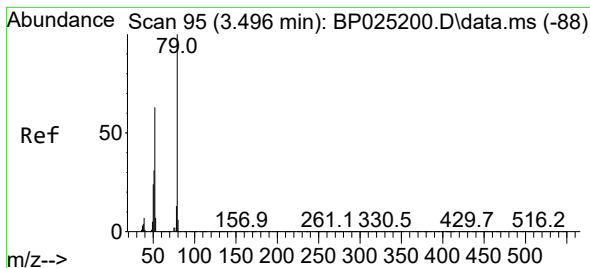
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#2
1,4-Dioxane
Concen: 34.532 ng
RT: 3.102 min Scan# 28
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 88 Resp: 302701
Ion Ratio Lower Upper
88 100
58 68.6 53.5 80.3
43 29.0 20.8 31.2





#3

Pyridine

Concen: 35.199 ng

RT: 3.496 min Scan# 91

Delta R.T. -0.012 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

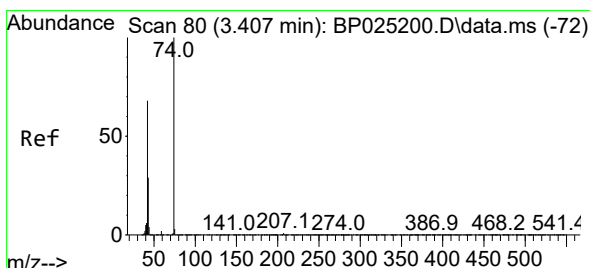
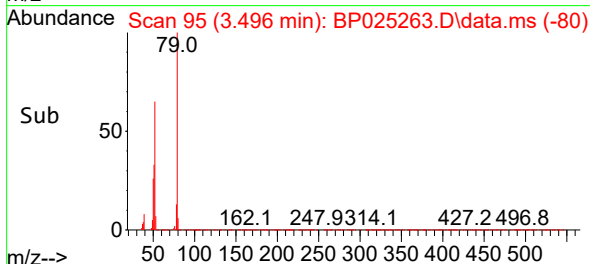
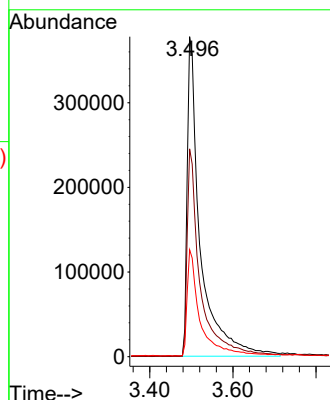
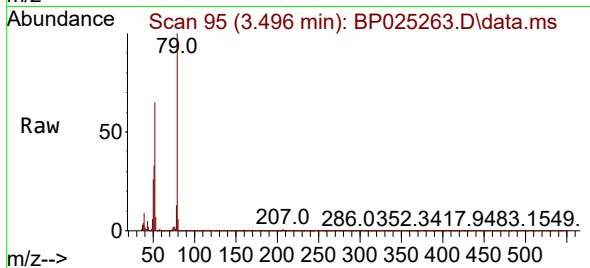
Tgt Ion: 79 Resp: 825944
 Ion Ratio Lower Upper
 79 100
 52 65.0 50.2 75.4
 51 33.4 25.0 37.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 43.532 ng

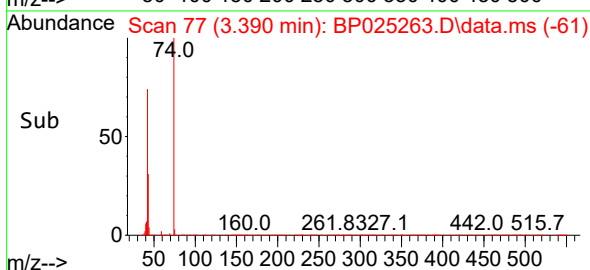
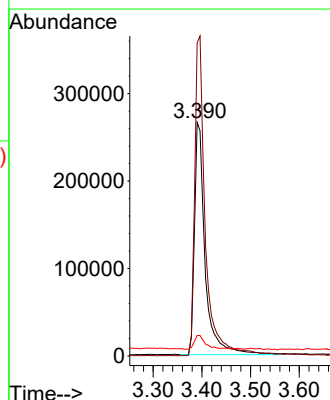
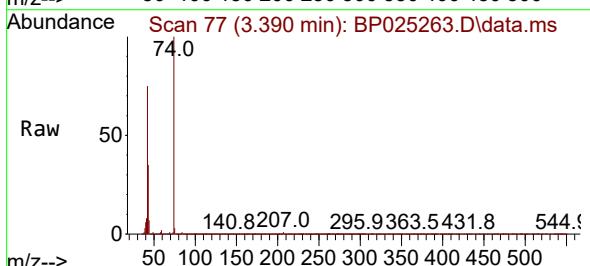
RT: 3.390 min Scan# 77

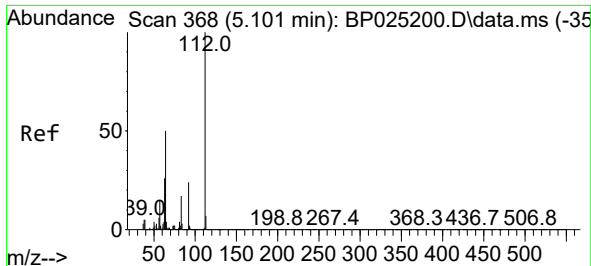
Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Tgt Ion: 42 Resp: 405085
 Ion Ratio Lower Upper
 42 100
 74 134.1 118.0 177.0
 44 8.8 5.5 8.3





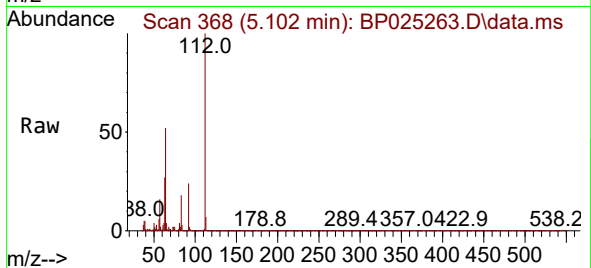
#5
2-Fluorophenol
Concen: 126.368 ng
RT: 5.102 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



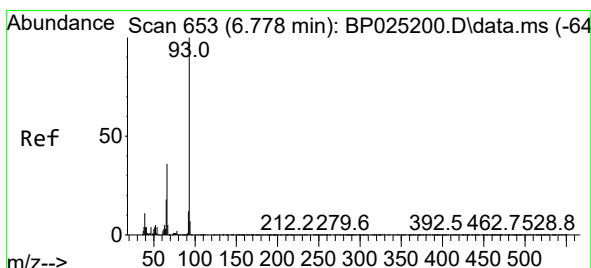
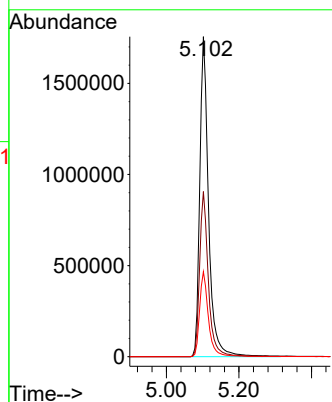
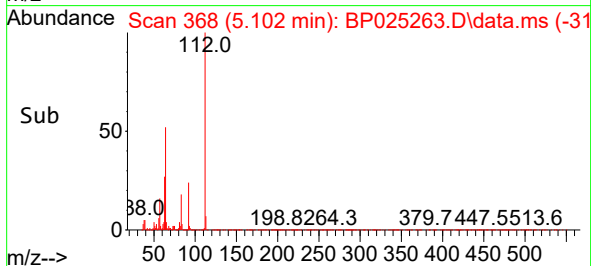
Tgt Ion:112 Resp: 295558
Ion Ratio Lower Upper
112 100
64 51.6 39.8 59.6
63 26.5 20.5 30.7

Manual Integrations

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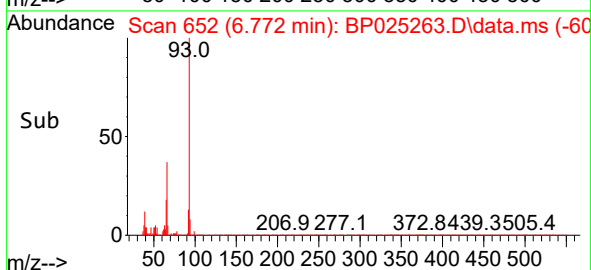
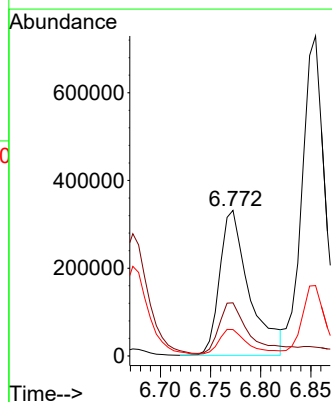
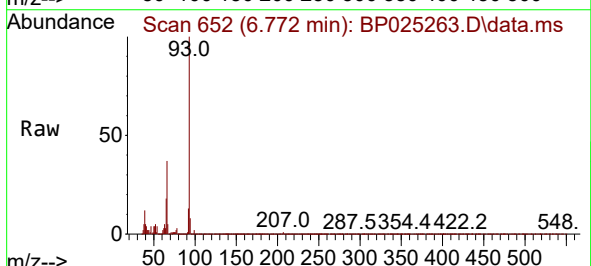
Reviewed By :Rahul Chavli 07/30/2025

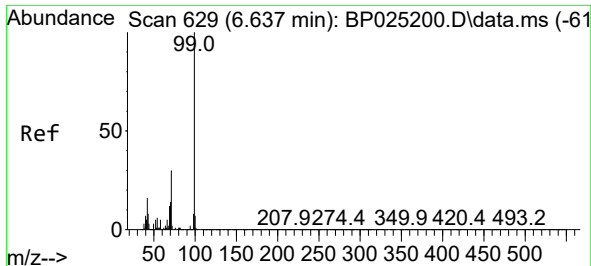
Supervised By :Jagrut Upadhyay 07/30/2025



#6
Aniline
Concen: 17.874 ng
RT: 6.772 min Scan# 652
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 93 Resp: 676805
Ion Ratio Lower Upper
93 100
66 36.5 28.6 43.0
65 18.1 14.6 21.8





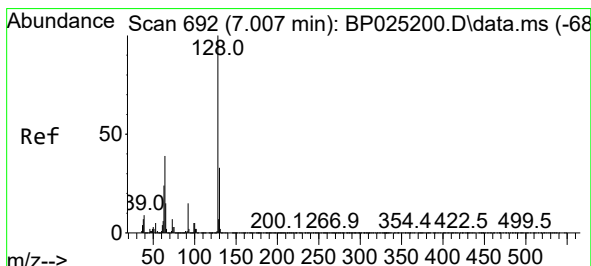
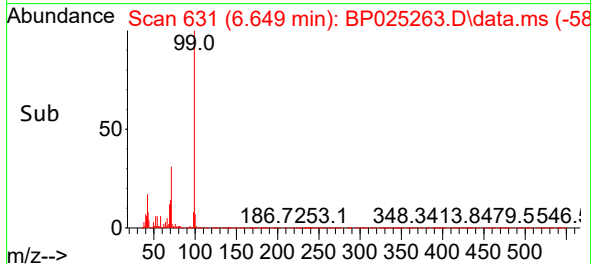
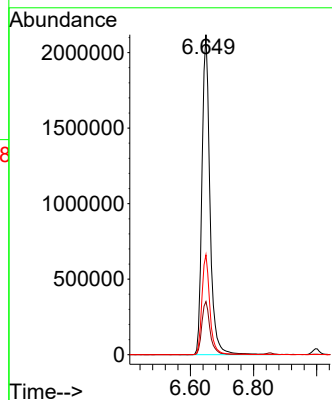
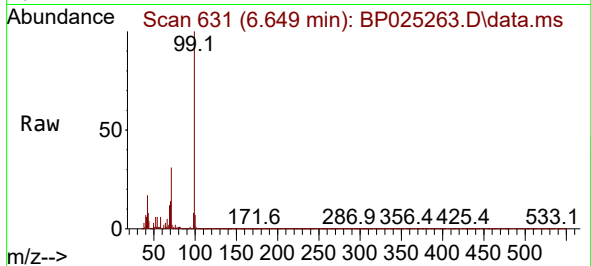
#7
Phenol-d6
Concen: 128.101 ng
RT: 6.649 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Tgt Ion: 99 Resp: 3710808
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 31.2 24.2 36.2

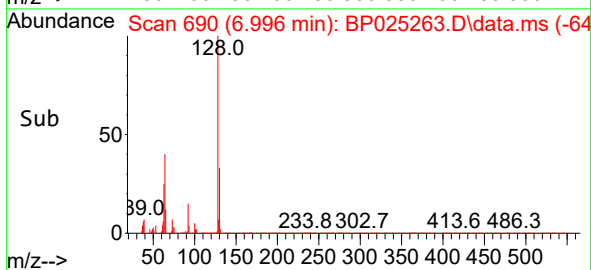
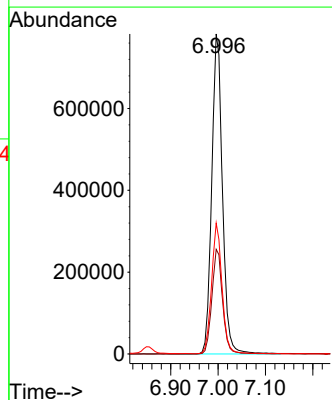
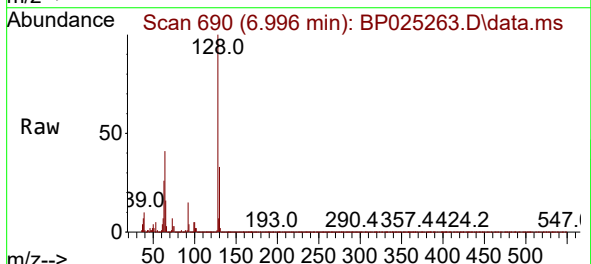
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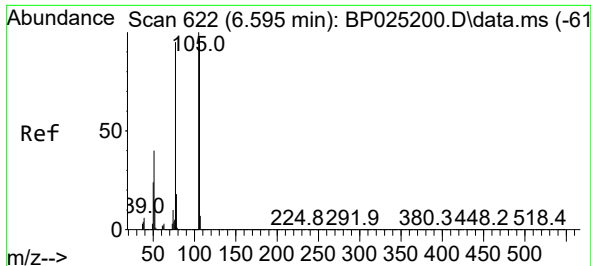
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#8
2-Chlorophenol
Concen: 46.331 ng
RT: 6.996 min Scan# 690
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

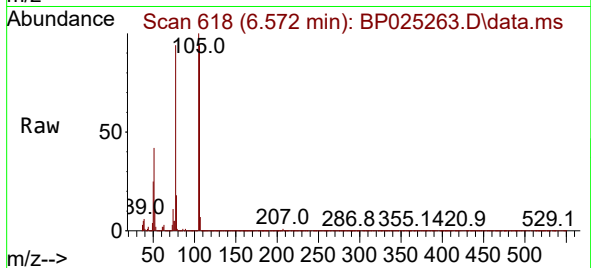
Tgt Ion:128 Resp: 1229504
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 40.9 19.2 59.2





#9
Benzaldehyde
Concen: 28.355 ng
RT: 6.572 min Scan# 618
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

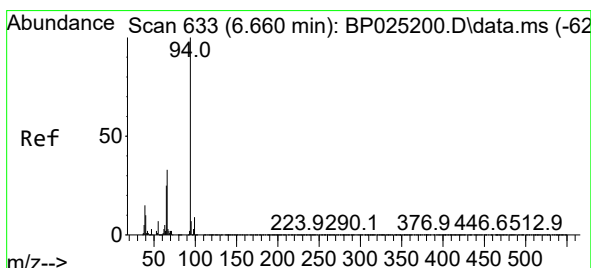
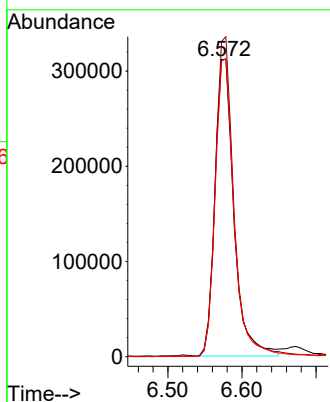
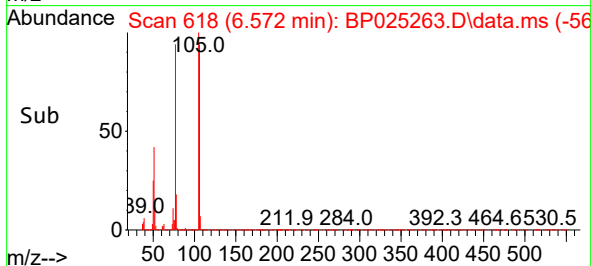
Instrument :
BNA_P
ClientSampleId :
PB169045BS



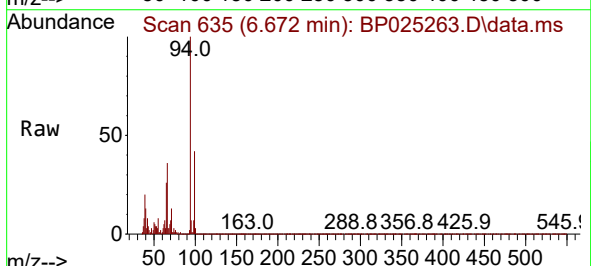
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Ion Ratio Lower Upper
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105 106.0 85.5 125.5
106 99.4 81.9 121.9

Manual Integrations
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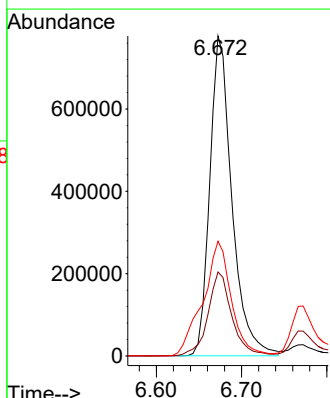
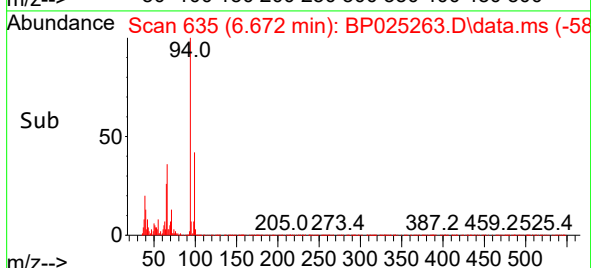
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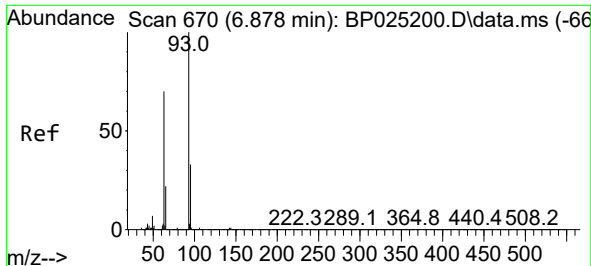


#10
Phenol
Concen: 46.832 ng
RT: 6.672 min Scan# 635
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



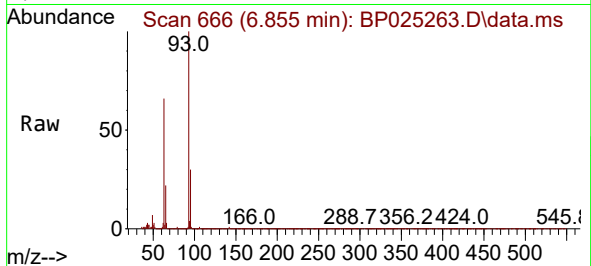
Tgt Ion: 94 Resp: 1406906
Ion Ratio Lower Upper
94 100
65 26.3 5.4 45.4
66 35.8 13.5 53.5





#11
bis(2-Chloroethyl)ether
Concen: 55.771 ng
RT: 6.855 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

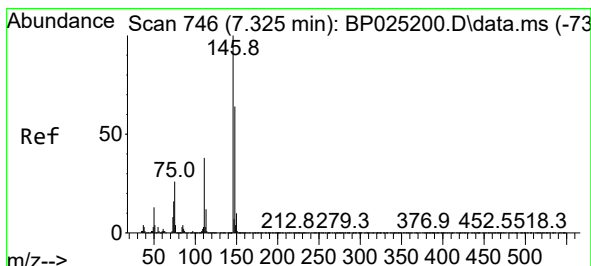
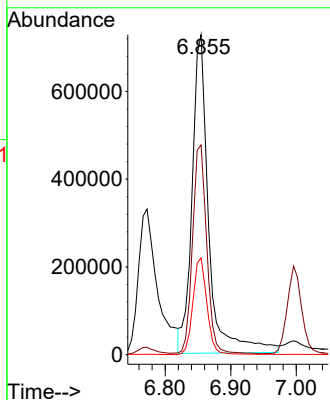
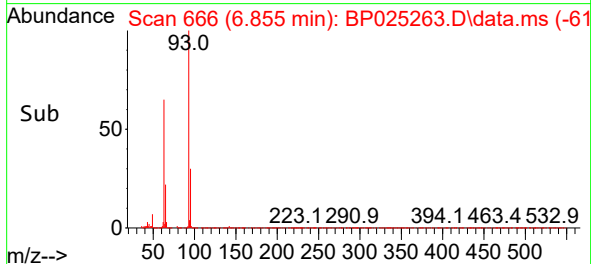
Instrument :
BNA_P
ClientSampleId :
PB169045BS



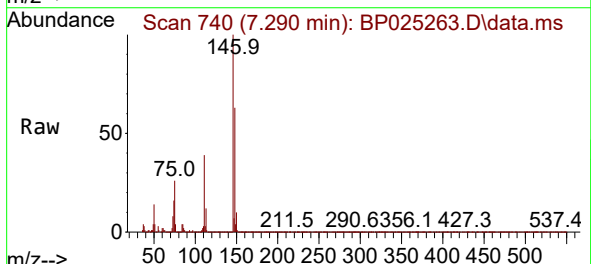
Tgt Ion: 93 Resp: 1284489
Ion Ratio Lower Upper
93 100
63 65.5 50.0 90.0
95 30.2 12.9 52.9

Manual Integrations
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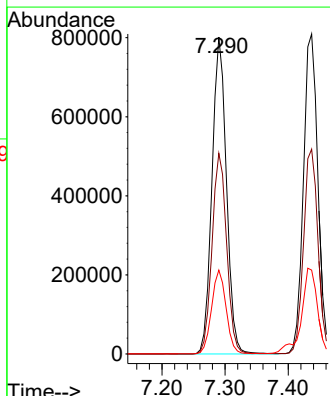
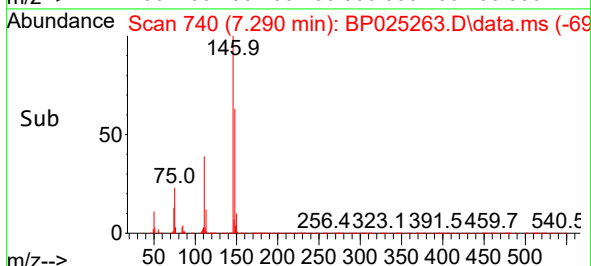
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

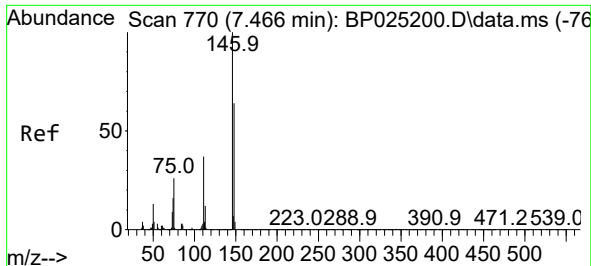


#12
1,3-Dichlorobenzene
Concen: 42.667 ng
RT: 7.290 min Scan# 740
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



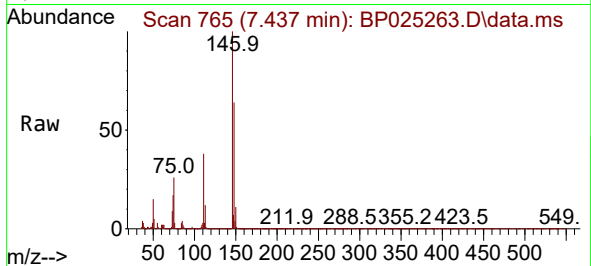
Tgt Ion:146 Resp: 1273297
Ion Ratio Lower Upper
146 100
148 63.3 51.4 77.0
75 26.5 20.6 31.0





#13
1,4-Dichlorobenzene
Concen: 42.751 ng
RT: 7.437 min Scan# 70
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

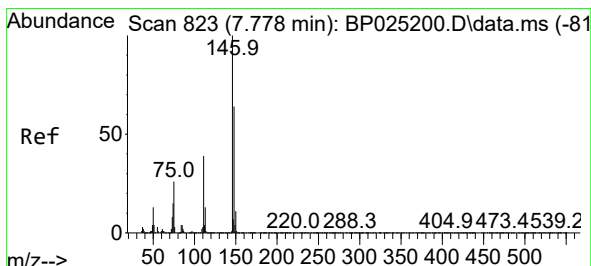
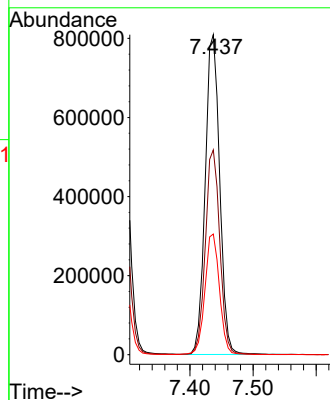
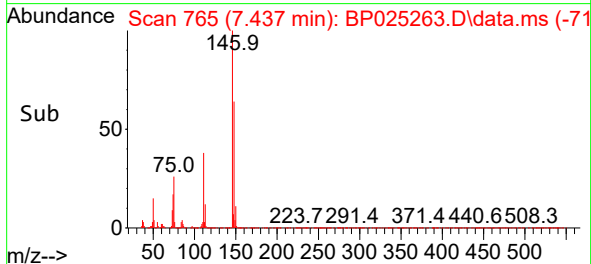
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:146 Resp: 1287789
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 37.7 29.9 44.9

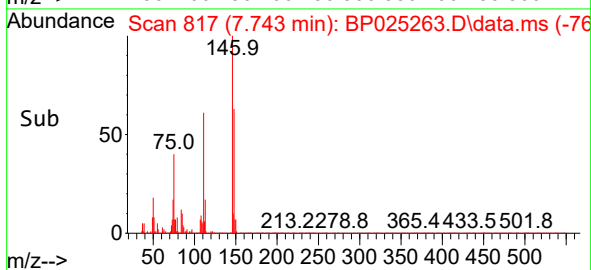
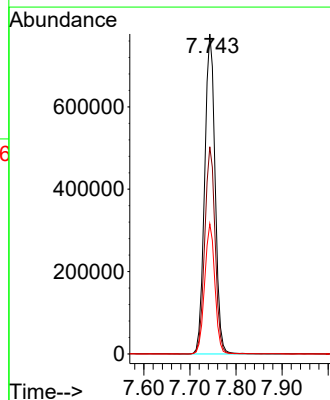
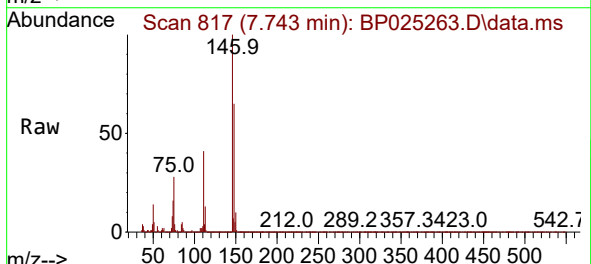
Manual Integrations
APPROVED

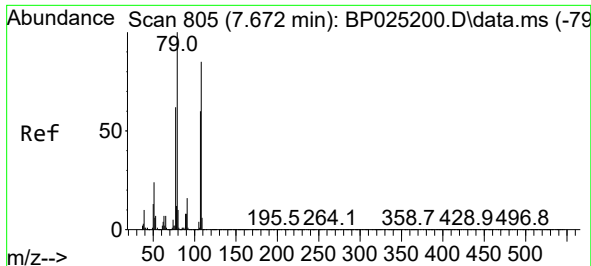
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#14
1,2-Dichlorobenzene
Concen: 42.603 ng
RT: 7.743 min Scan# 817
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

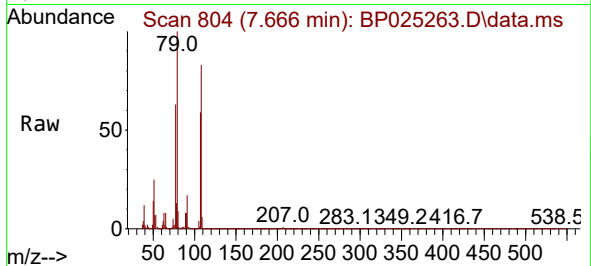
Tgt Ion:146 Resp: 1234555
Ion Ratio Lower Upper
146 100
148 64.8 51.5 77.3
111 40.7 31.3 46.9





#15
Benzyl Alcohol
Concen: 39.213 ng
RT: 7.666 min Scan# 804
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

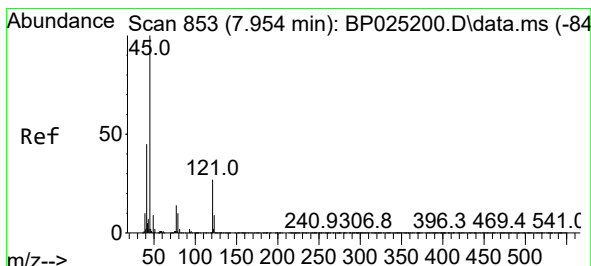
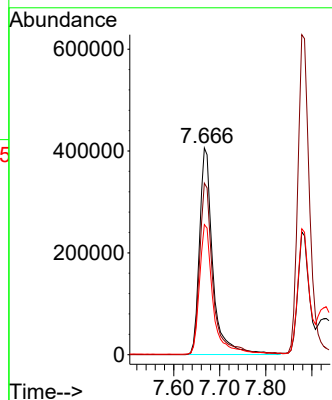
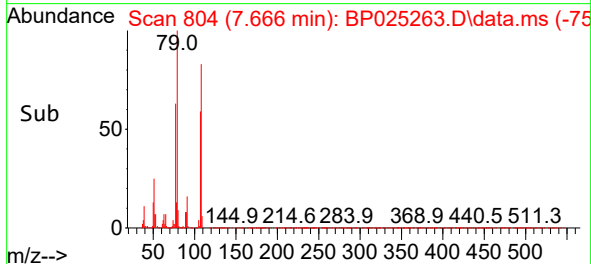
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion: 79 Resp: 819370
Ion Ratio Lower Upper
79 100
108 82.9 67.8 101.6
77 62.9 49.9 74.9

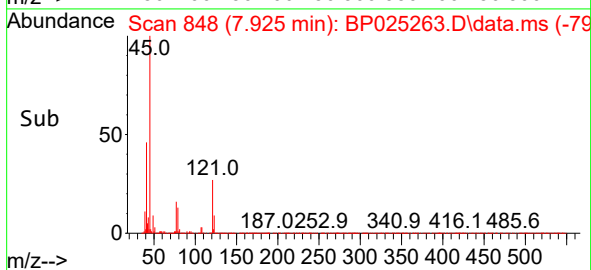
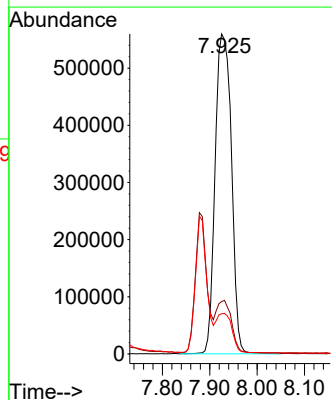
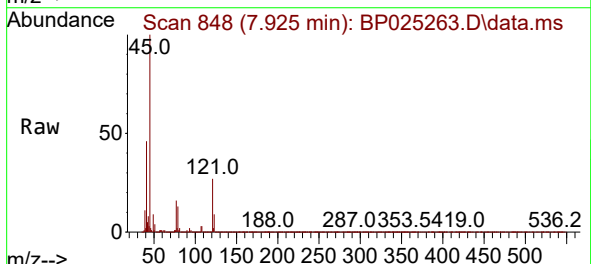
Manual Integrations
APPROVED

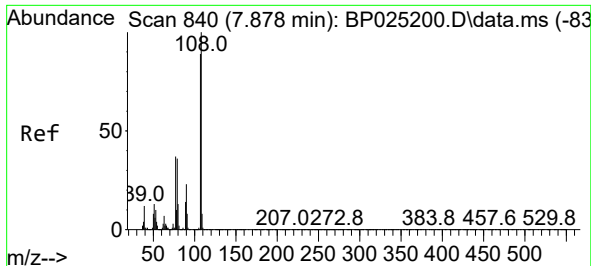
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.371 ng
RT: 7.925 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 45 Resp: 1337065
Ion Ratio Lower Upper
45 100
77 16.4 0.0 36.0
79 12.6 0.0 31.7





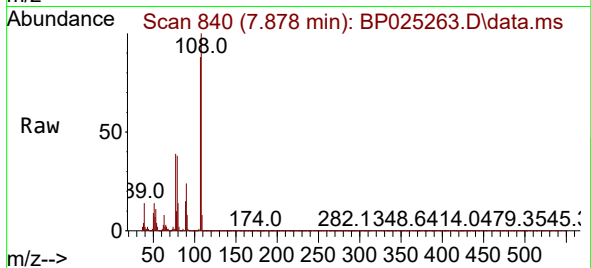
#17
2-Methylphenol
Concen: 46.880 ng
RT: 7.878 min Scan# 840
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



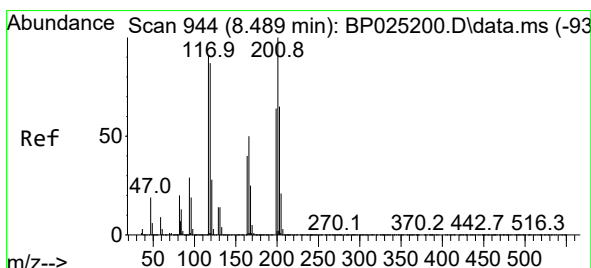
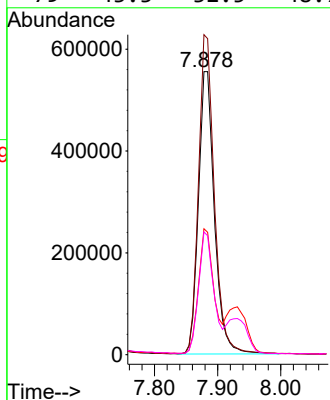
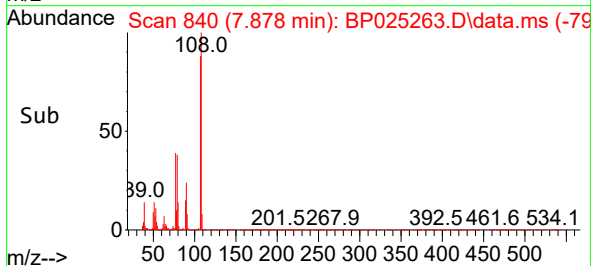
Tgt Ion:107 Resp: 976380
Ion Ratio Lower Upper
107 100
108 113.0 89.8 134.8
77 44.5 33.2 49.8
79 43.3 32.5 48.7

Manual Integrations

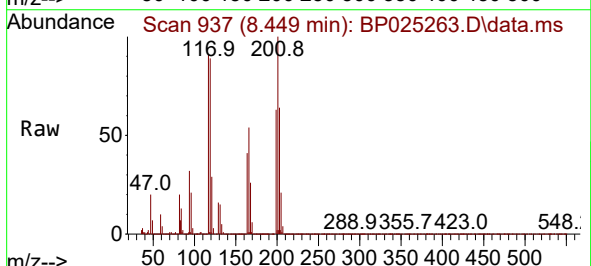
APPROVED

Reviewed By :Rahul Chavli 07/30/2025

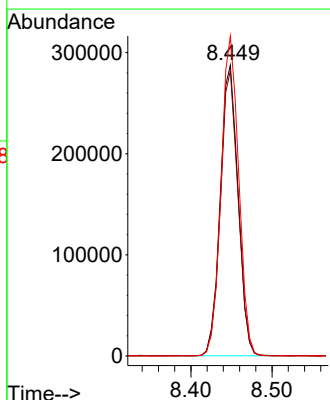
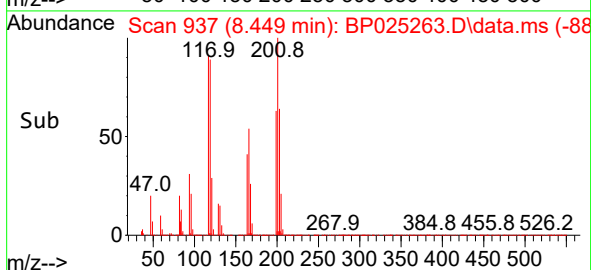
Supervised By :Jagrut Upadhyay 07/30/2025

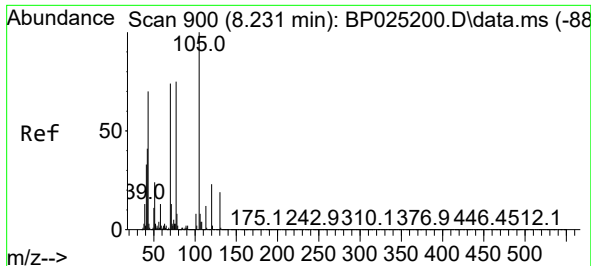


#18
Hexachloroethane
Concen: 42.373 ng
RT: 8.449 min Scan# 937
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



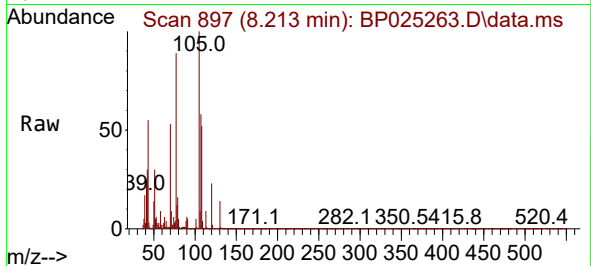
Tgt Ion:117 Resp: 438956
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.6
201 110.0 88.3 132.5





#19
n-Nitroso-di-n-propylamine
Concen: 43.886 ng
RT: 8.213 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

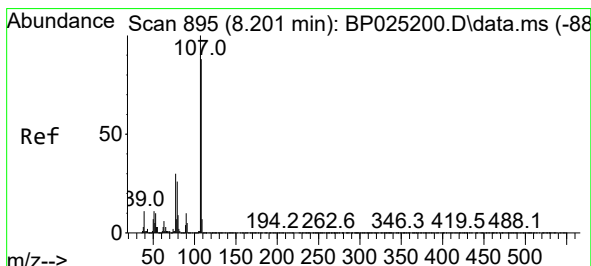
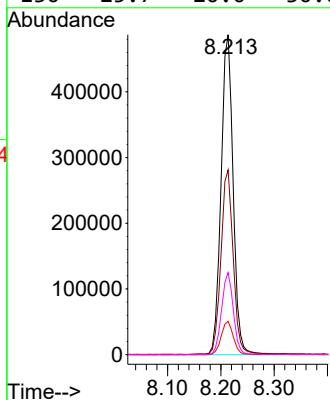
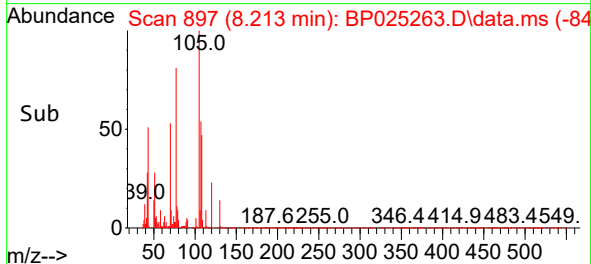
Instrument :
BNA_P
ClientSampleId :
PB169045BS



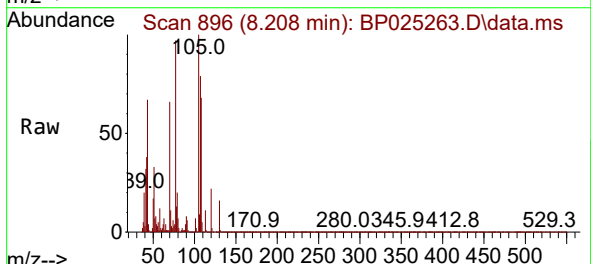
Tgt Ion: 70 Resp: 764789
Ion Ratio Lower Upper
70 100
42 57.7 44.2 66.2
101 10.4 8.6 12.8
130 25.7 20.0 30.0

Manual Integrations
APPROVED

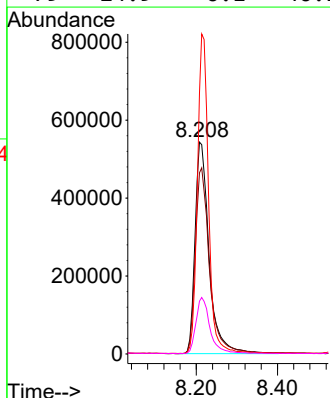
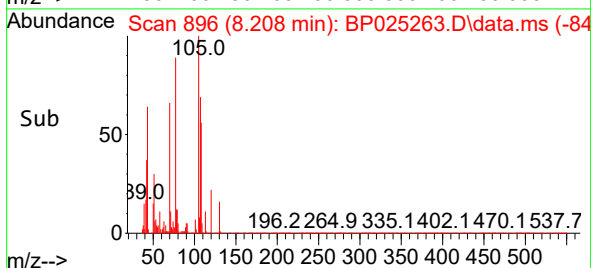
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

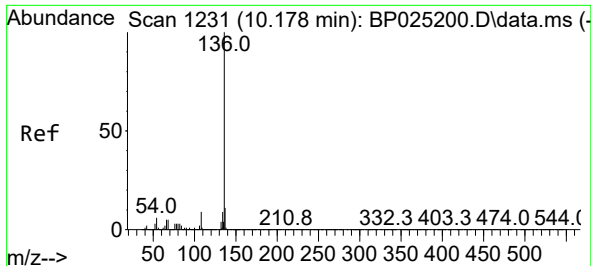


#20
3+4-Methylphenols
Concen: 46.182 ng
RT: 8.208 min Scan# 896
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



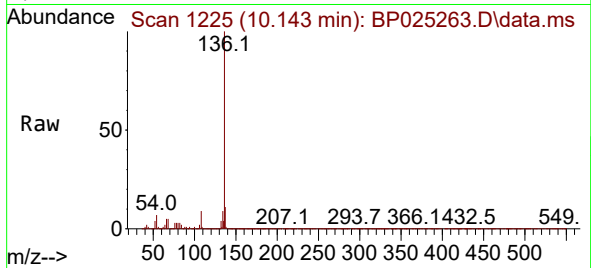
Tgt Ion:107 Resp: 1312023
Ion Ratio Lower Upper
107 100
108 85.5 67.8 107.8
77 123.1 10.3 50.3#
79 24.9 6.1 46.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.143 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

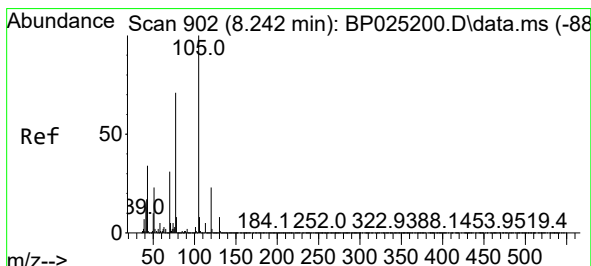
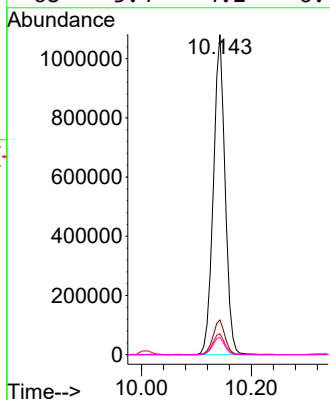
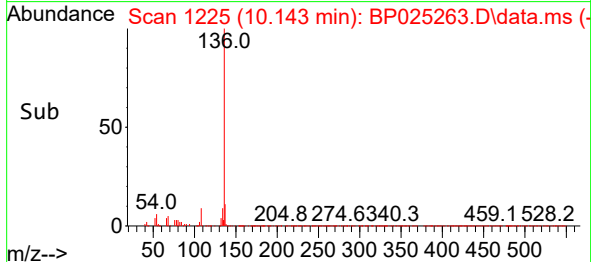
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:136 Resp: 159748
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.5 5.1 7.7
68 5.4 4.2 6.4

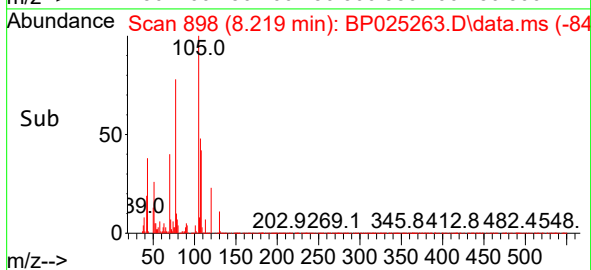
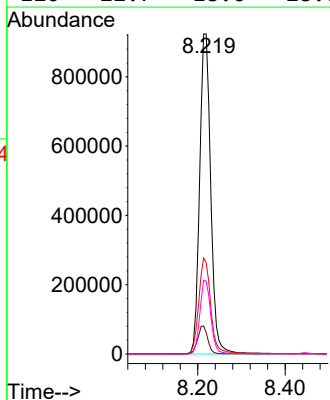
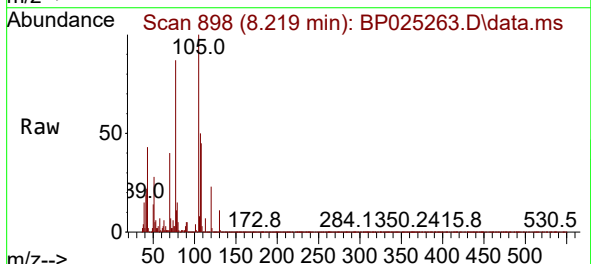
Manual Integrations
APPROVED

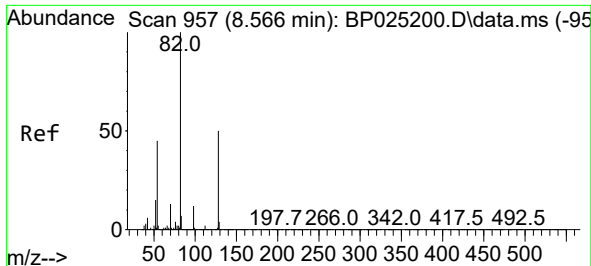
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#22
Acetophenone
Concen: 43.939 ng
RT: 8.219 min Scan# 898
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:105 Resp: 1633333
Ion Ratio Lower Upper
105 100
71 6.7 4.1 6.1#
51 28.5 18.5 27.7#
120 22.7 18.6 28.0





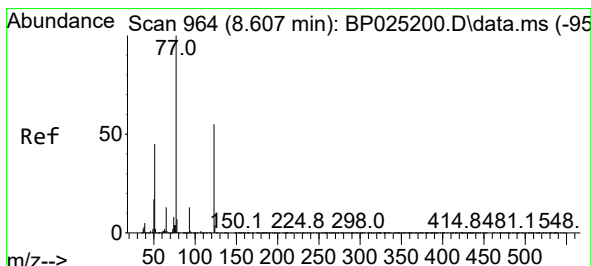
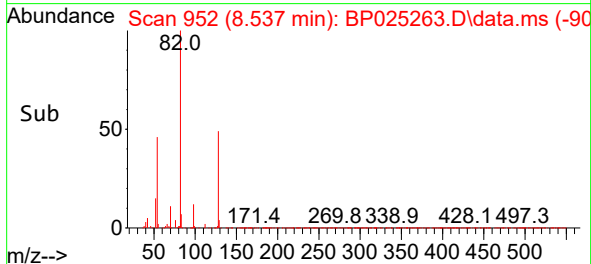
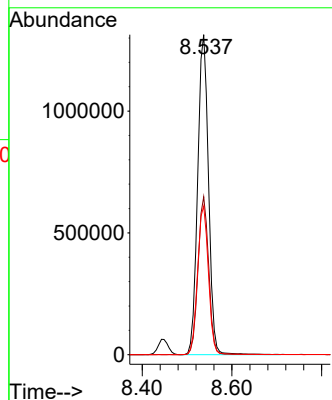
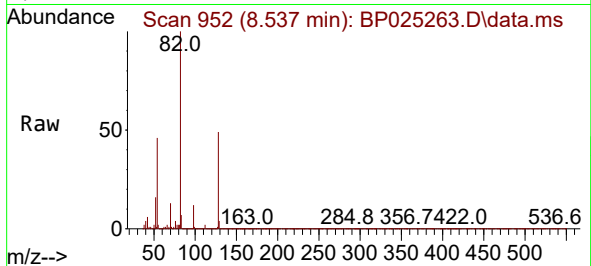
#23
Nitrobenzene-d5
Concen: 76.376 ng
RT: 8.537 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Tgt Ion: 82 Resp: 2195474
Ion Ratio Lower Upper
82 100
128 49.3 40.2 60.4
54 46.5 36.3 54.5

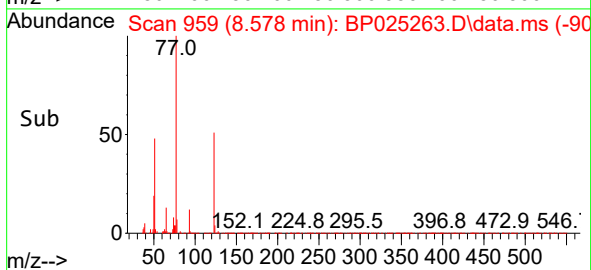
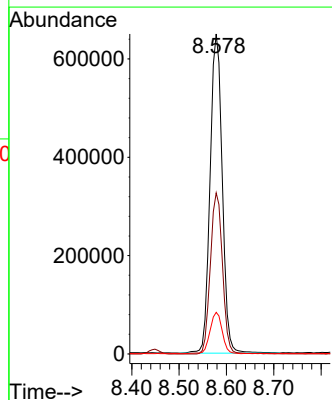
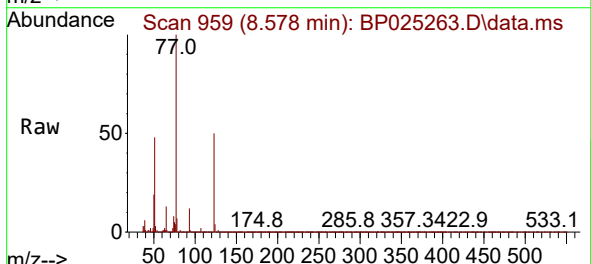
Manual Integrations
APPROVED

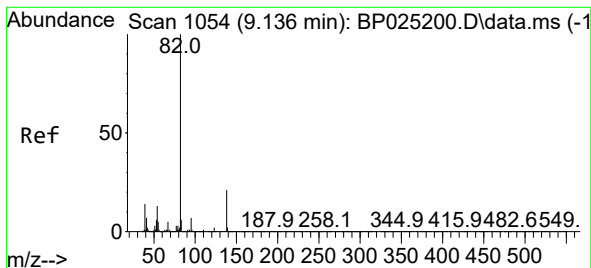
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#24
Nitrobenzene
Concen: 45.253 ng
RT: 8.578 min Scan# 959
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion: 77 Resp: 1159599
Ion Ratio Lower Upper
77 100
123 50.3 43.6 65.4
65 13.0 10.2 15.2





#25

Isophorone

Concen: 42.559 ng

RT: 9.119 min Scan# 1051

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion: 82 Resp: 215136

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

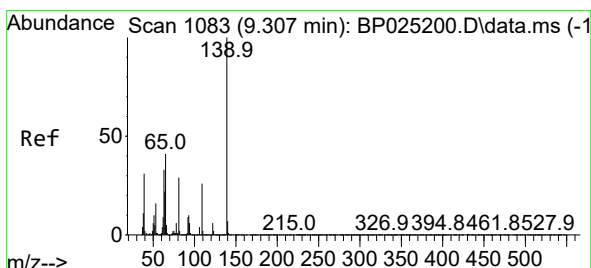
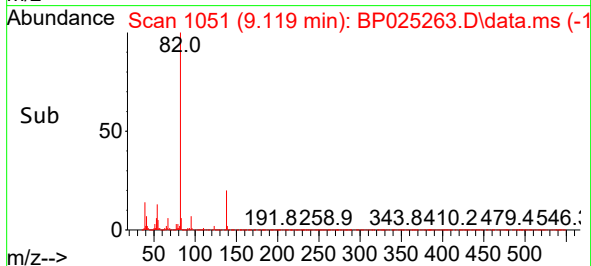
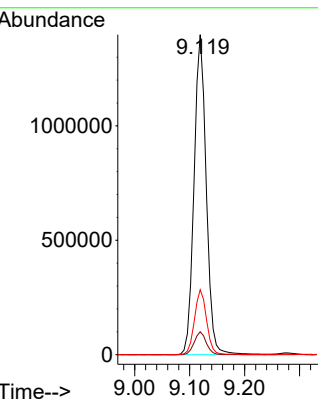
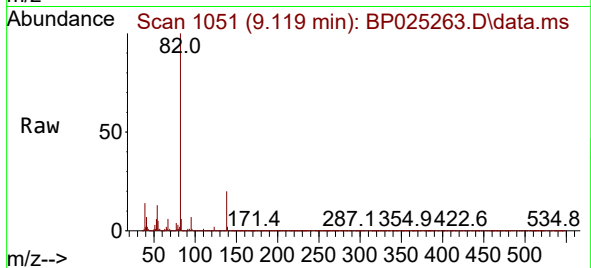
138 20.3 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#26

2-Nitrophenol

Concen: 42.822 ng

RT: 9.278 min Scan# 1078

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

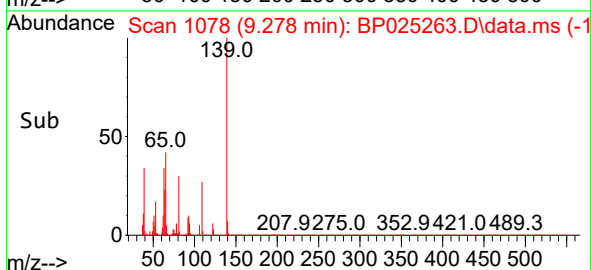
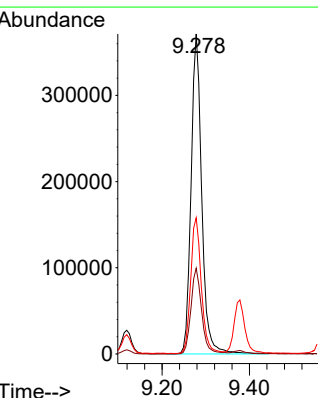
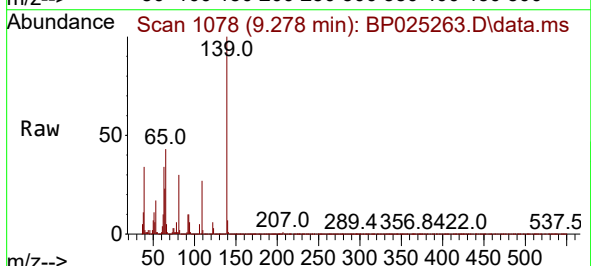
Tgt Ion:139 Resp: 630121

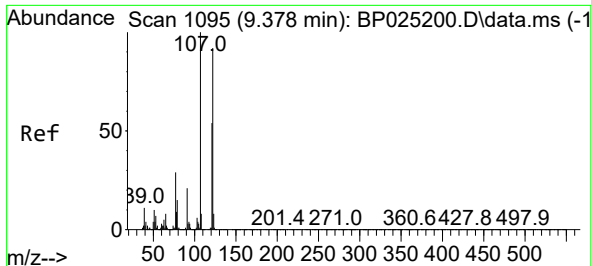
Ion Ratio Lower Upper

139 100

109 26.8 21.0 31.6

65 42.6 32.7 49.1





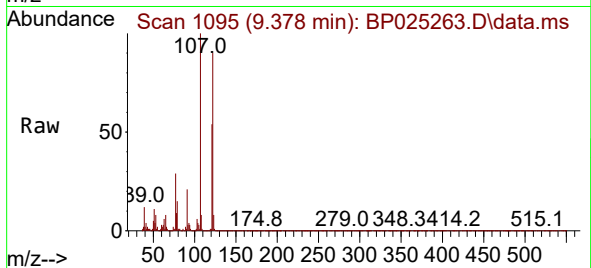
#27
2,4-Dimethylphenol
Concen: 46.229 ng
RT: 9.378 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



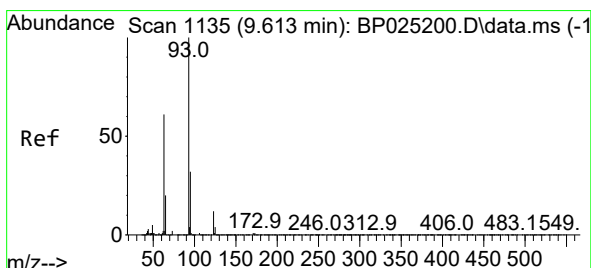
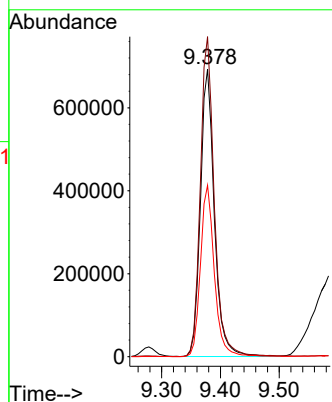
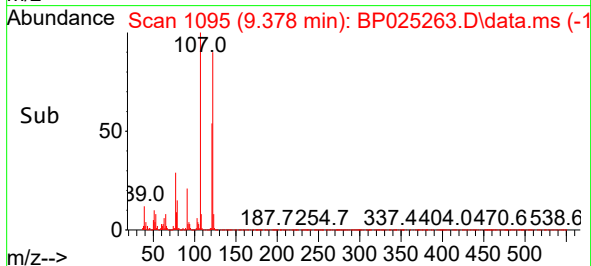
Tgt Ion:122 Resp: 1138270
Ion Ratio Lower Upper
122 100
107 111.3 87.0 130.4
121 59.6 46.7 70.1

Manual Integrations

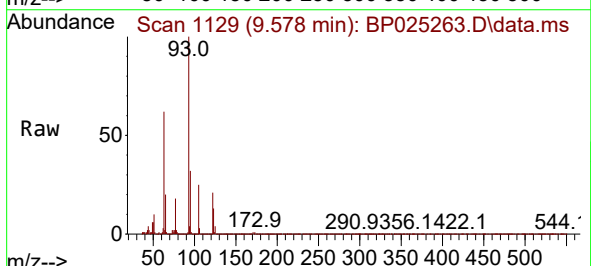
APPROVED

Reviewed By :Rahul Chavli 07/30/2025

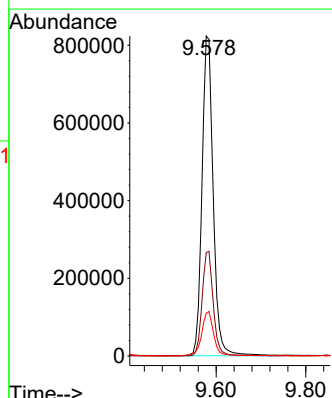
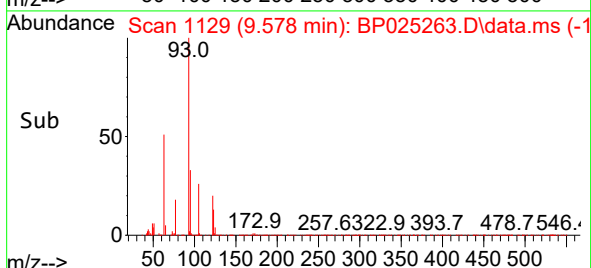
Supervised By :Jagrut Upadhyay 07/30/2025

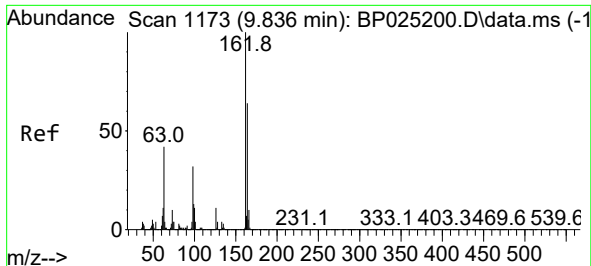


#28
bis(2-Chloroethoxy)methane
Concen: 45.133 ng
RT: 9.578 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



Tgt Ion: 93 Resp: 1427060
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 13.4 9.8 14.6





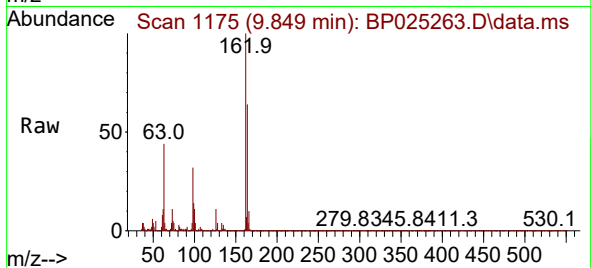
#29
2,4-Dichlorophenol
Concen: 46.861 ng
RT: 9.849 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



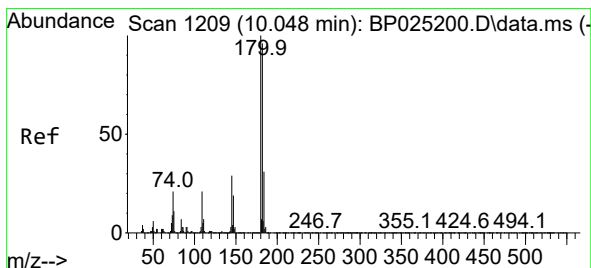
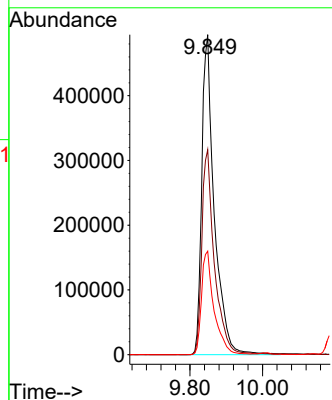
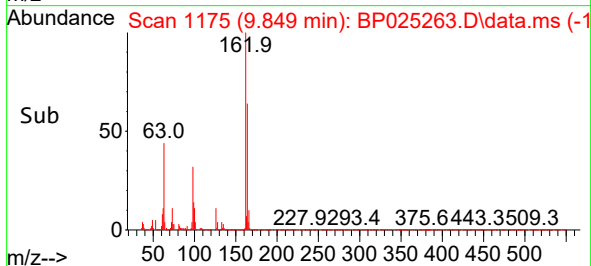
Tgt Ion:162 Resp: 1185398
Ion Ratio Lower Upper
162 100
164 64.0 44.2 84.2
98 32.3 11.7 51.7

Manual Integrations

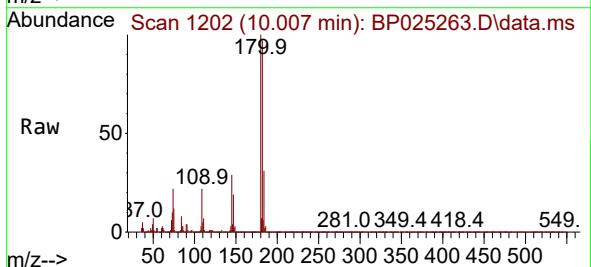
APPROVED

Reviewed By :Rahul Chavli 07/30/2025

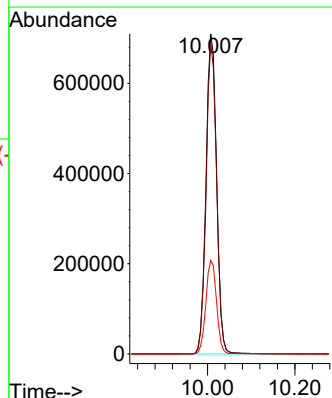
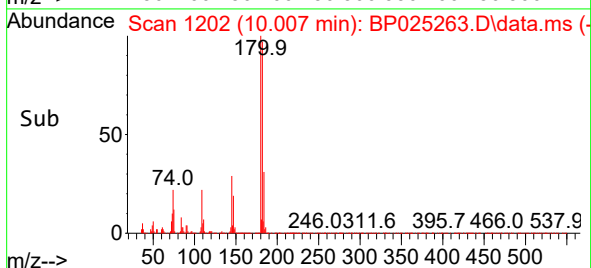
Supervised By :Jagrut Upadhyay 07/30/2025

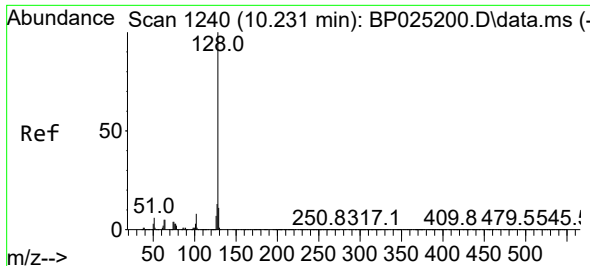


#30
1,2,4-Trichlorobenzene
Concen: 43.398 ng
RT: 10.007 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



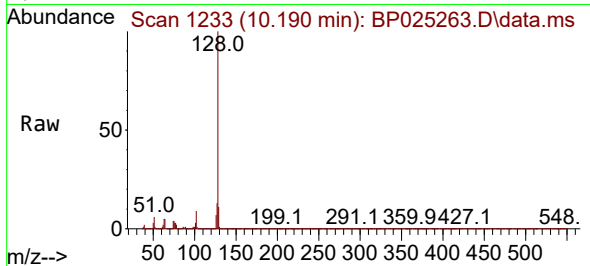
Tgt Ion:180 Resp: 1199047
Ion Ratio Lower Upper
180 100
182 97.2 76.7 115.1
145 29.2 23.5 35.3





#31
Naphthalene
Concen: 43.761 ng
RT: 10.190 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

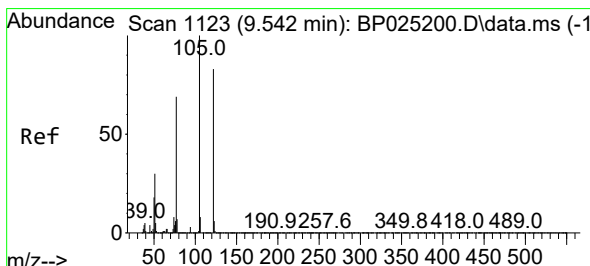
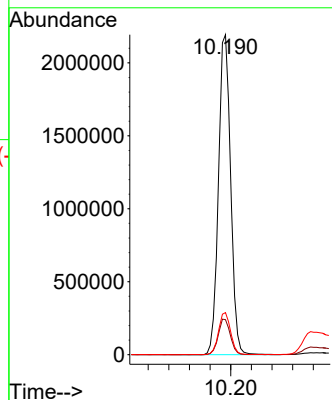
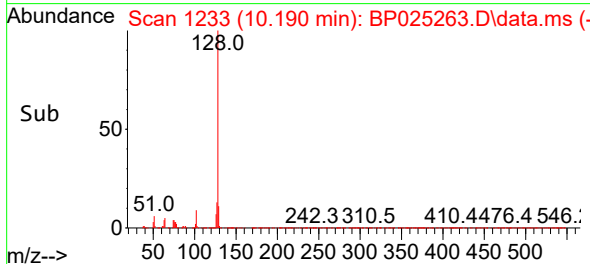
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:128 Resp: 3577245
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.2 10.4 15.6

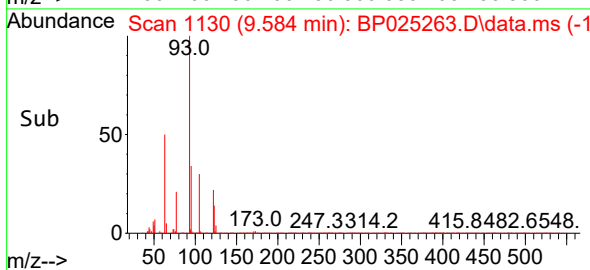
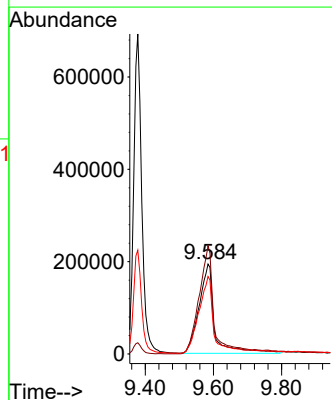
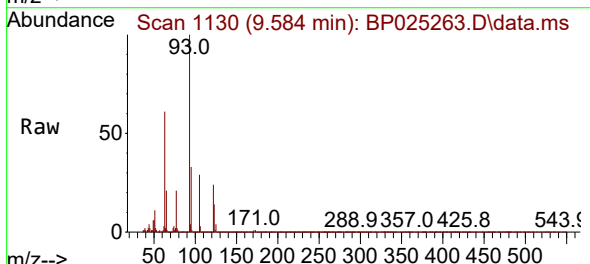
Manual Integrations
APPROVED

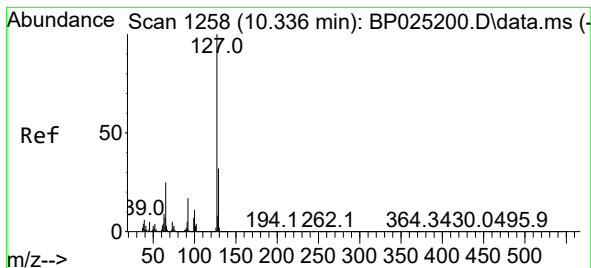
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#32
Benzoic acid
Concen: 32.401 ng
RT: 9.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:122 Resp: 609061
Ion Ratio Lower Upper
122 100
105 120.1 98.1 138.1
77 86.1 62.7 102.7





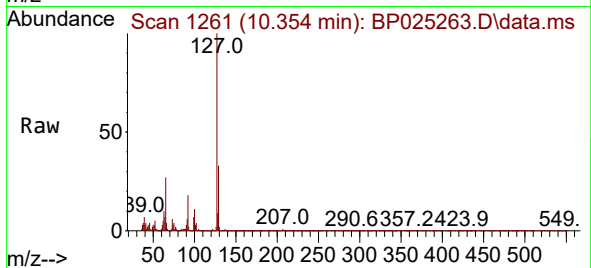
#33
4-Chloroaniline
Concen: 25.349 ng
RT: 10.354 min Scan# 1258
Delta R.T. 0.024 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



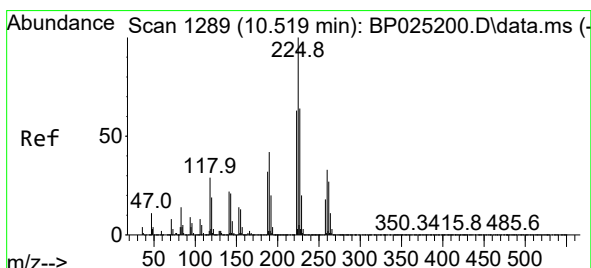
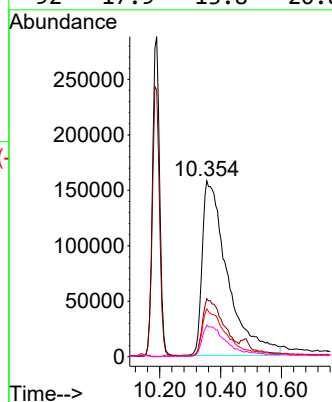
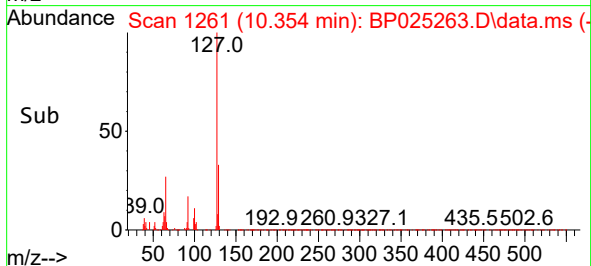
Tgt Ion:127 Resp: 910884
Ion Ratio Lower Upper
127 100
129 32.9 25.9 38.9
65 27.1 20.2 30.4
92 17.9 13.8 20.8

Manual Integrations

APPROVED

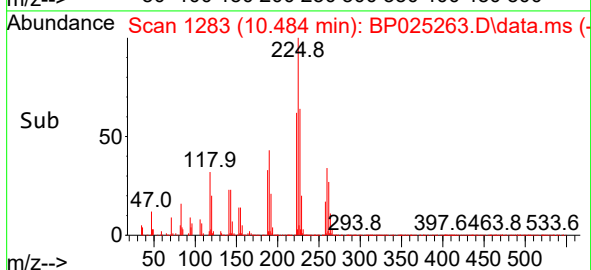
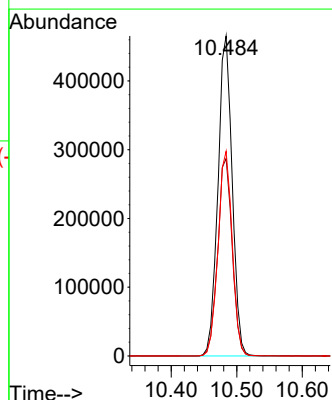
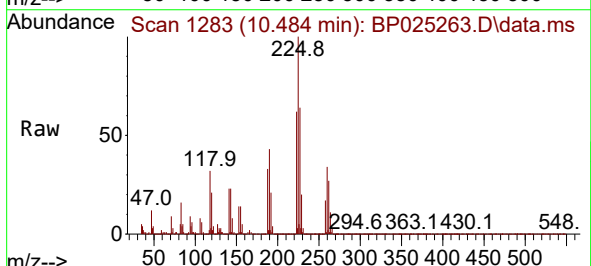
Reviewed By :Rahul Chavli 07/30/2025

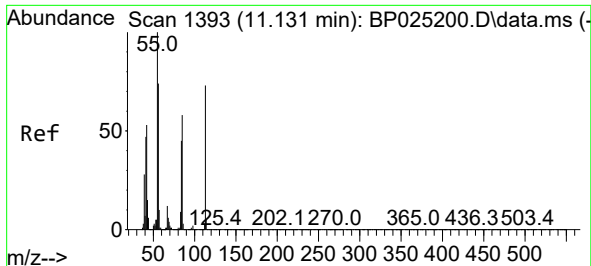
Supervised By :Jagrut Upadhyay 07/30/2025



#34
Hexachlorobutadiene
Concen: 41.949 ng
RT: 10.484 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

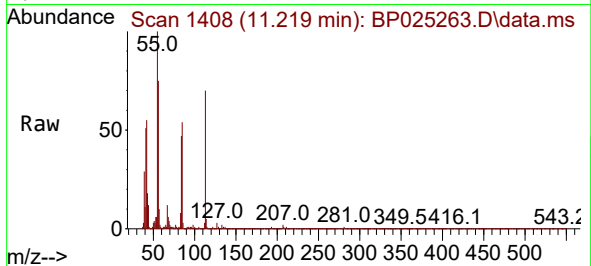
Tgt Ion:225 Resp: 697594
Ion Ratio Lower Upper
225 100
223 61.7 50.1 75.1
227 64.0 51.4 77.0





#35
Caprolactam
Concen: 43.814 ng
RT: 11.219 min Scan# 1408
Delta R.T. 0.018 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

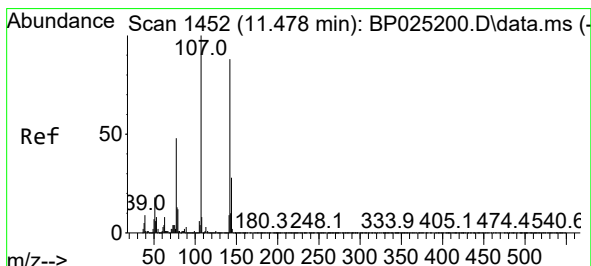
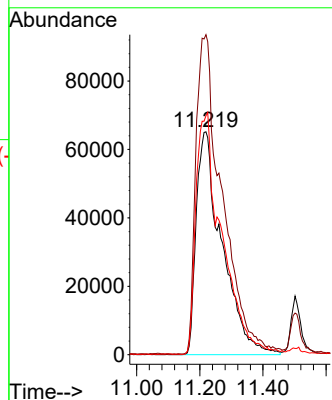
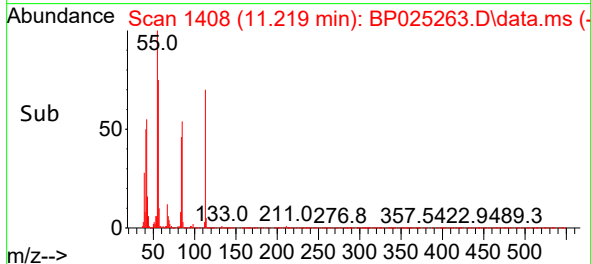
Instrument :
BNA_P
ClientSampleId :
PB169045BS



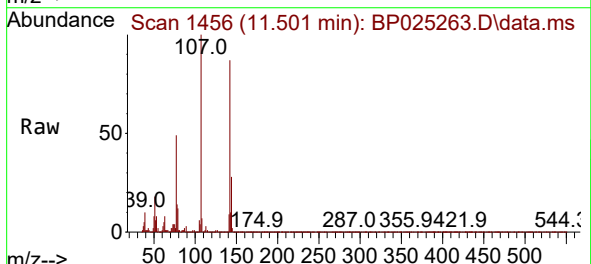
Tgt Ion:113 Resp: 36784
Ion Ratio Lower Upper
113 100
55 143.6 117.6 157.6
56 107.2 82.4 122.4

Manual Integrations
APPROVED

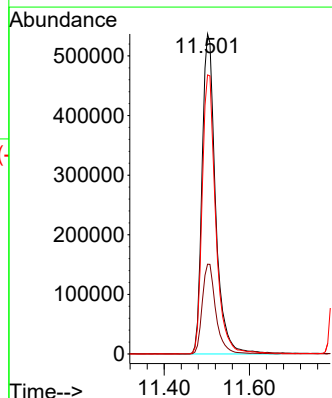
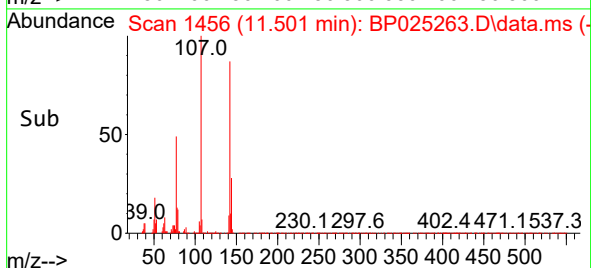
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

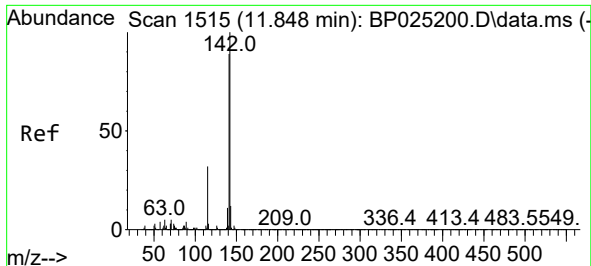


#36
4-Chloro-3-methylphenol
Concen: 46.583 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



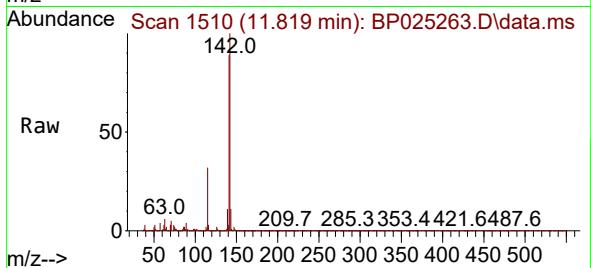
Tgt Ion:107 Resp: 1177950
Ion Ratio Lower Upper
107 100
144 28.0 22.5 33.7
142 87.2 70.6 105.8





#37
2-Methylnaphthalene
Concen: 44.652 ng
RT: 11.819 min Scan# 1510
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

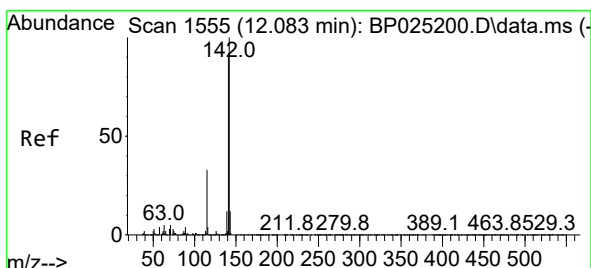
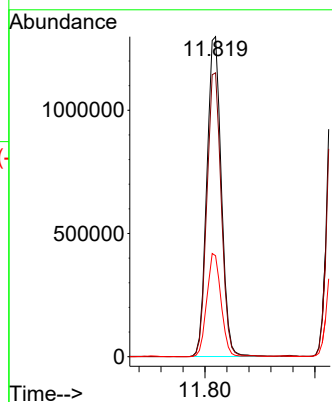
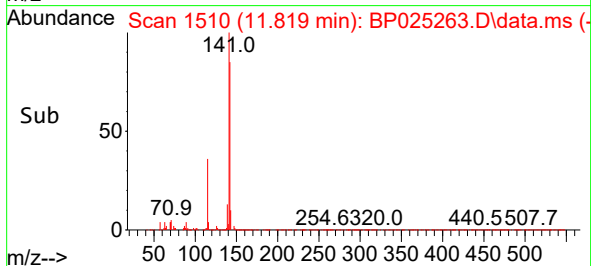
Instrument :
BNA_P
ClientSampleId :
PB169045BS



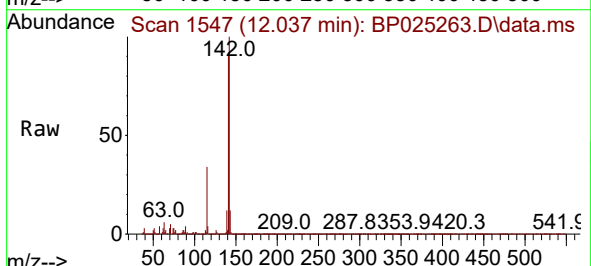
Tgt Ion:142 Resp: 2370160
Ion Ratio Lower Upper
142 100
141 88.7 71.2 106.8
115 31.6 25.3 37.9

Manual Integrations
APPROVED

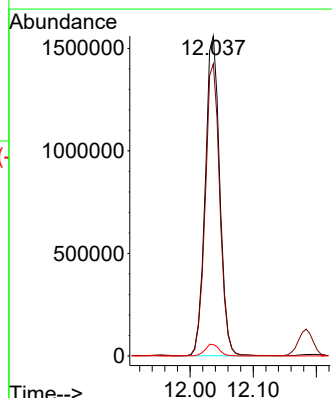
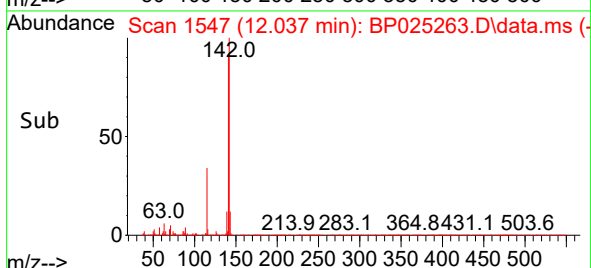
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

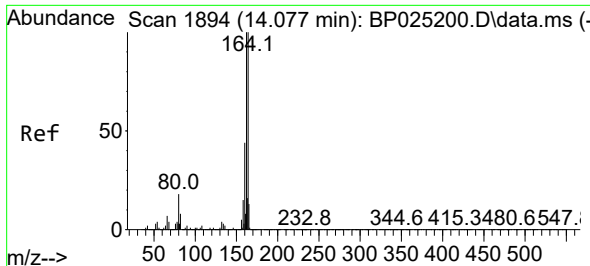


#38
1-Methylnaphthalene
Concen: 44.606 ng
RT: 12.037 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



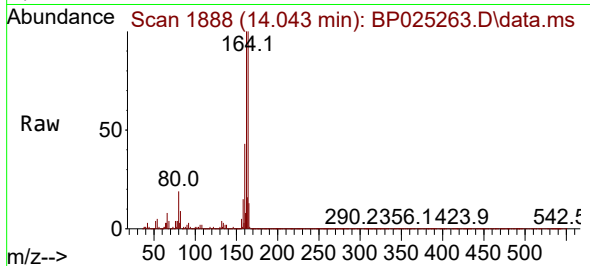
Tgt Ion:142 Resp: 2487135
Ion Ratio Lower Upper
142 100
141 91.3 73.8 110.8
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.043 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

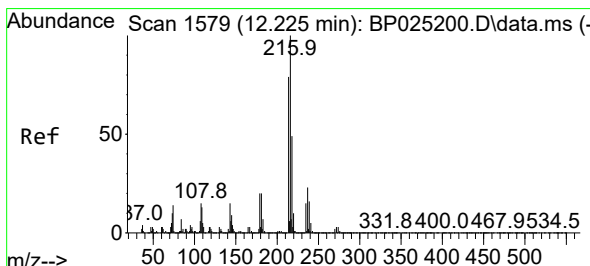
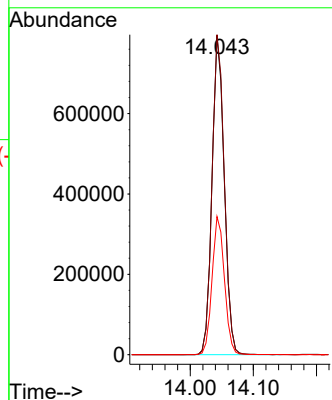
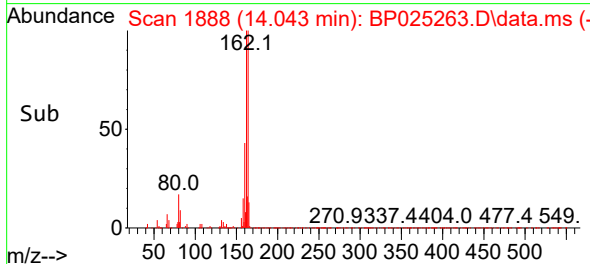
Instrument :
BNA_P
ClientSampleId :
PB169045BS



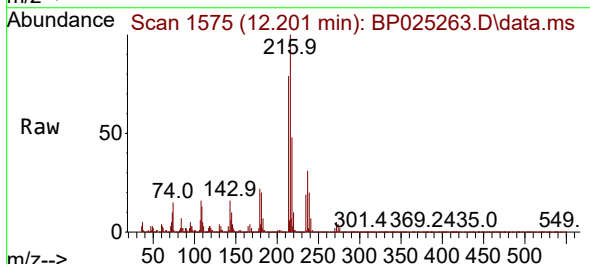
Tgt Ion:164 Resp: 1063390
Ion Ratio Lower Upper
164 100
162 100.3 80.3 120.5
160 43.3 35.7 53.5

Manual Integrations
APPROVED

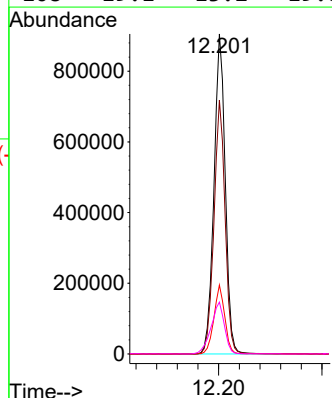
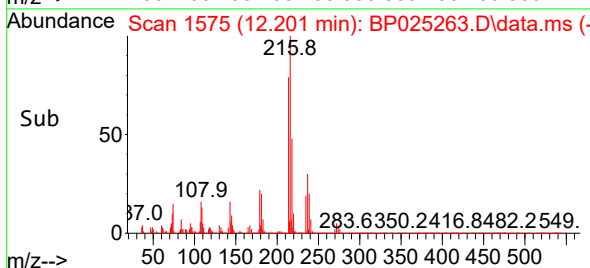
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

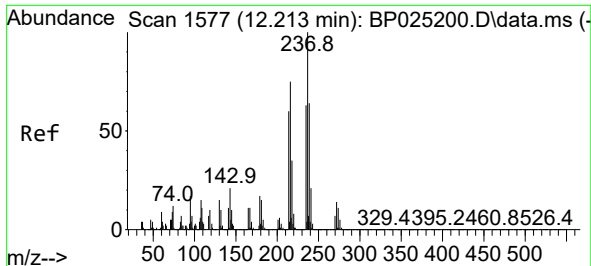


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.968 ng
RT: 12.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



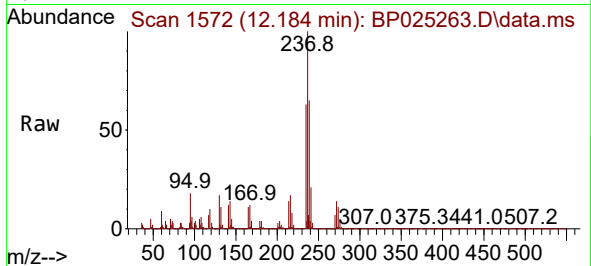
Tgt Ion:216 Resp: 1369601
Ion Ratio Lower Upper
216 100
214 78.6 62.7 94.1
179 20.7 16.2 24.4
108 19.1 13.2 19.8





#41
Hexachlorocyclopentadiene
Concen: 94.403 ng
RT: 12.184 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

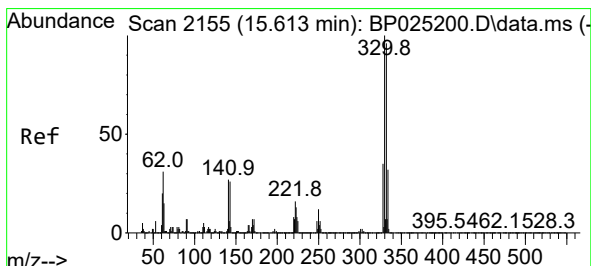
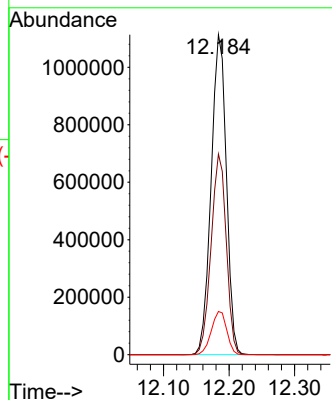
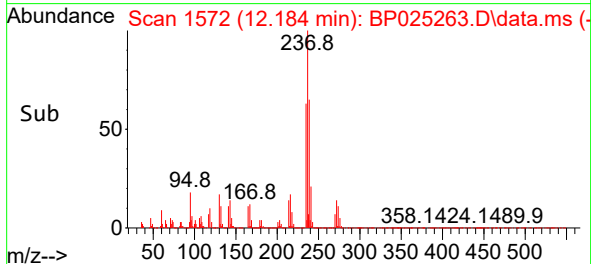
Instrument :
BNA_P
ClientSampleId :
PB169045BS



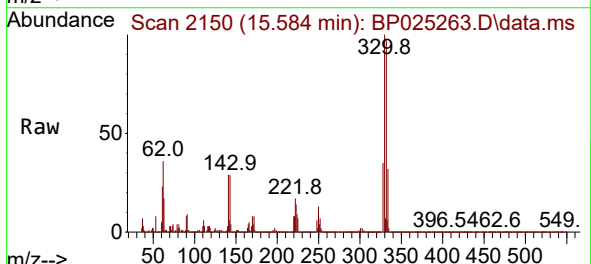
Tgt Ion:237 Resp: 1796272
Ion Ratio Lower Upper
237 100
235 62.7 42.7 82.7
272 13.5 0.0 33.6

Manual Integrations
APPROVED

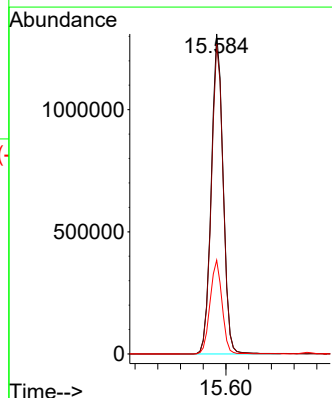
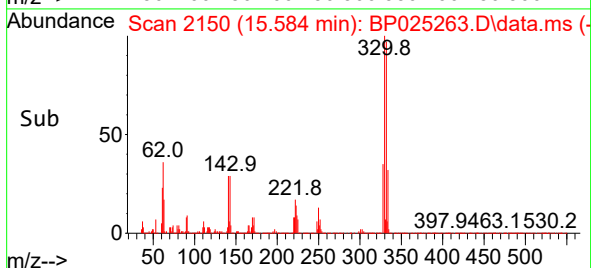
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

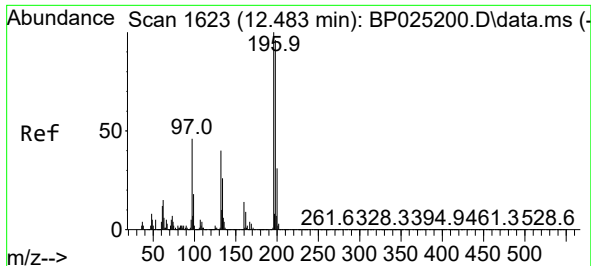


#42
2,4,6-Tribromophenol
Concen: 119.940 ng
RT: 15.584 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



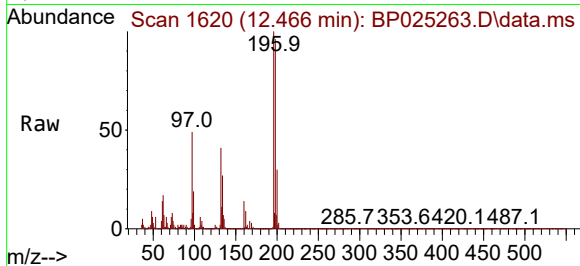
Tgt Ion:330 Resp: 1880267
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 29.6 22.4 33.6





#43
2,4,6-Trichlorophenol
Concen: 44.778 ng
RT: 12.466 min Scan# 1620
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

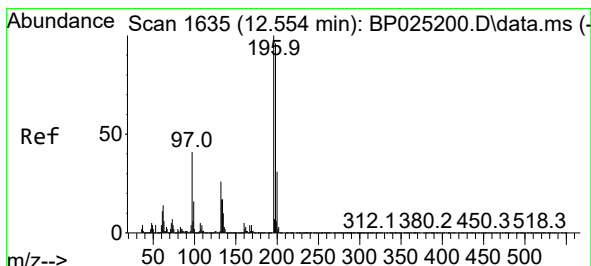
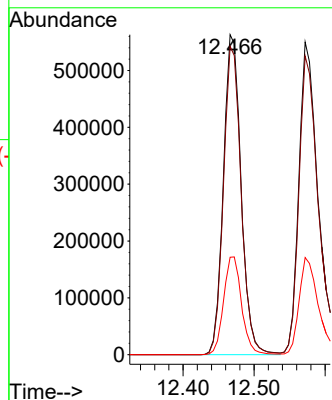
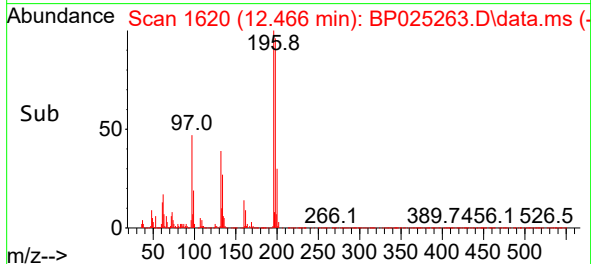
Instrument :
BNA_P
ClientSampleId :
PB169045BS



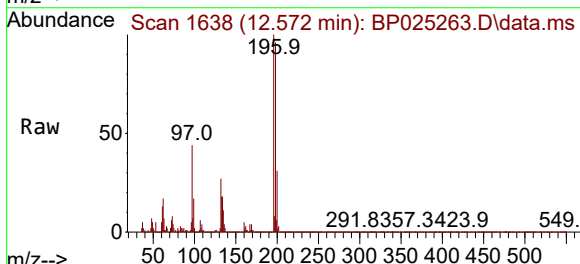
Tgt Ion:196 Resp: 97523
Ion Ratio Lower Upper
196 100
198 96.4 76.6 114.8
200 30.5 24.7 37.1

Manual Integrations
APPROVED

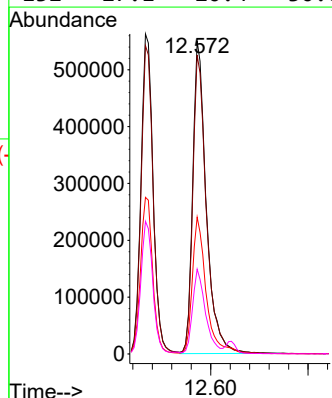
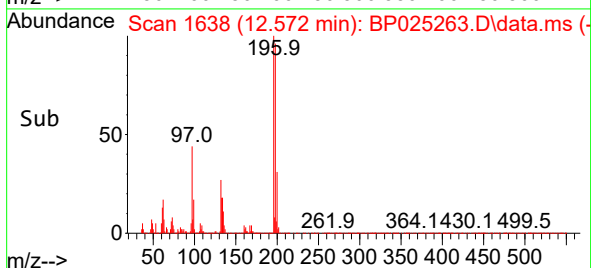
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

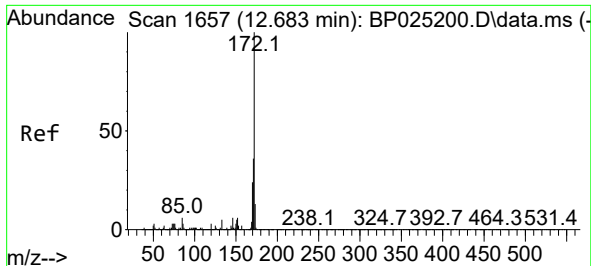


#44
2,4,5-Trichlorophenol
Concen: 44.557 ng
RT: 12.572 min Scan# 1638
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



Tgt Ion:196 Resp: 1067909
Ion Ratio Lower Upper
196 100
198 95.6 76.7 115.1
97 43.8 33.0 49.4
132 27.1 20.4 30.6





#45
2-Fluorobiphenyl
Concen: 76.790 ng
RT: 12.643 min Scan# 1650
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

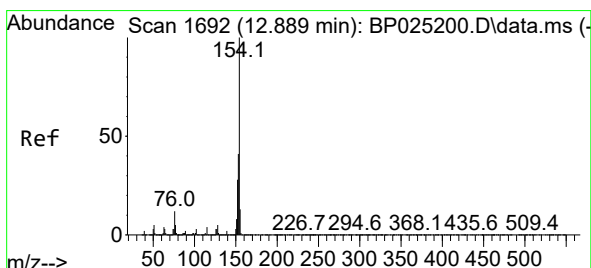
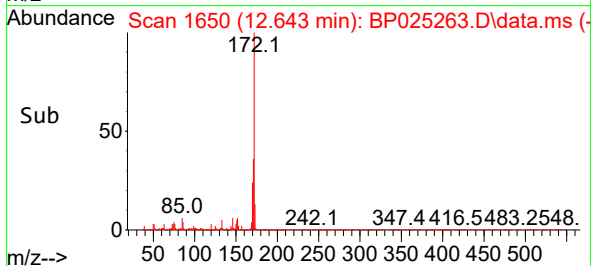
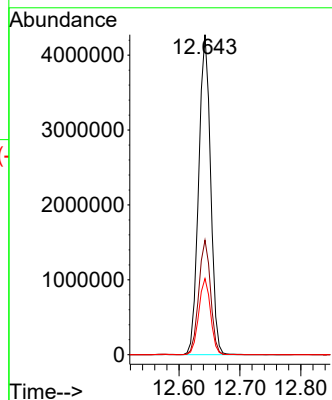
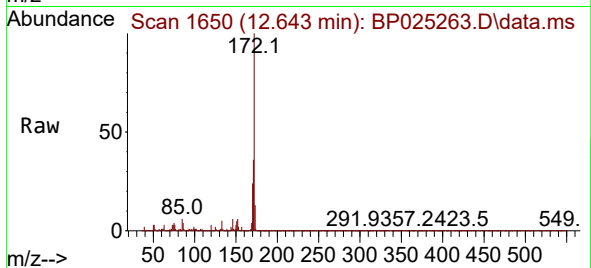
Tgt Ion:172 Resp: 5792118
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.8 19.2 28.8

Manual Integrations

APPROVED

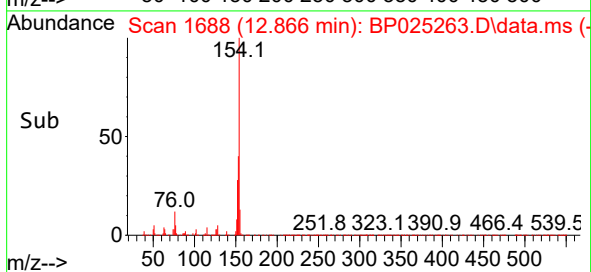
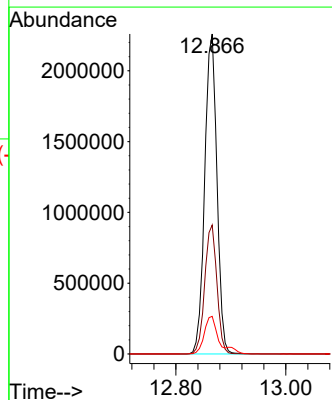
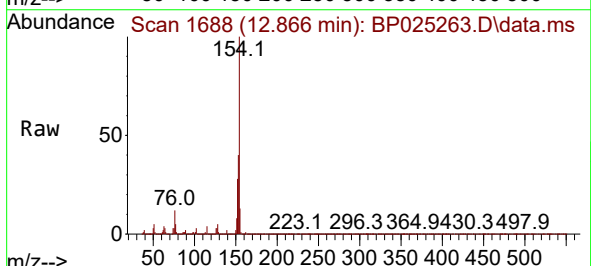
Reviewed By :Rahul Chavli 07/30/2025

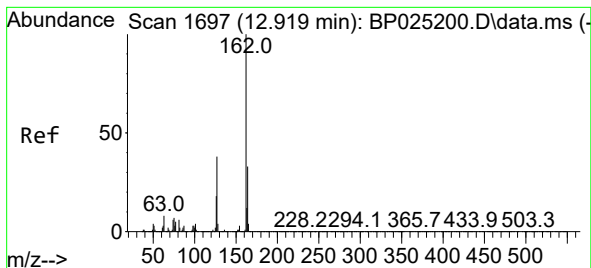
Supervised By :Jagrut Upadhyay 07/30/2025



#46
1,1'-Biphenyl
Concen: 45.129 ng
RT: 12.866 min Scan# 1688
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:154 Resp: 3478907
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.8 0.0 31.6





#47
2-Chloronaphthalene
Concen: 44.423 ng
RT: 12.901 min Scan# 1697
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

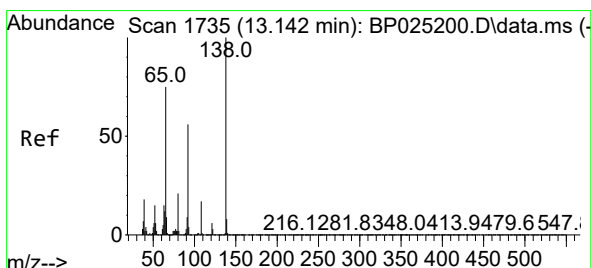
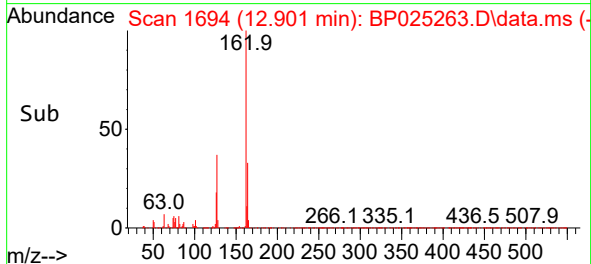
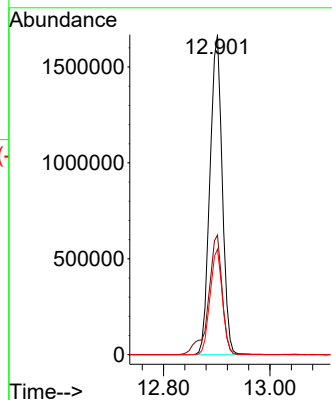
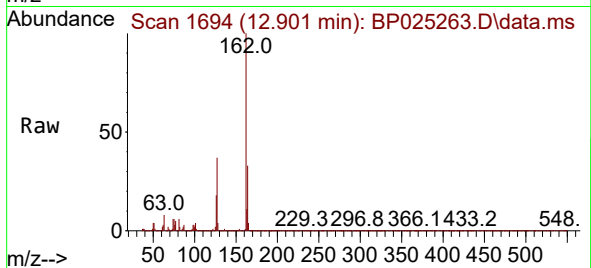
Tgt Ion:162 Resp: 2673539
Ion Ratio Lower Upper
162 100
127 37.4 30.1 45.1
164 33.0 26.5 39.7

Manual Integrations

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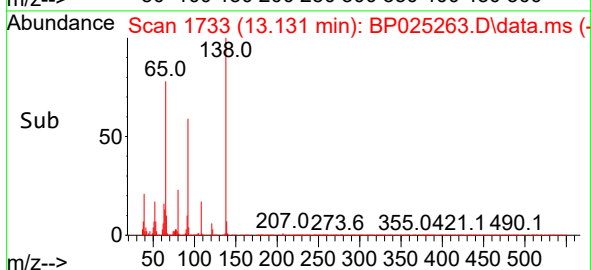
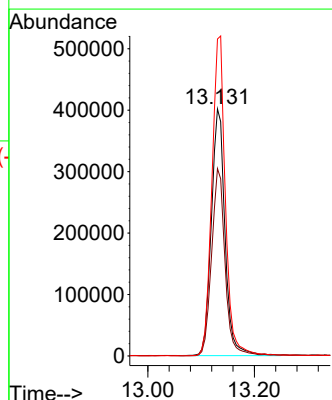
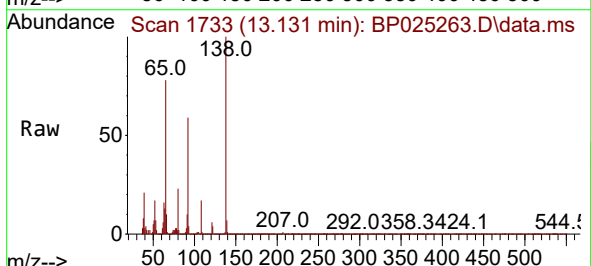
Reviewed By :Rahul Chavli 07/30/2025

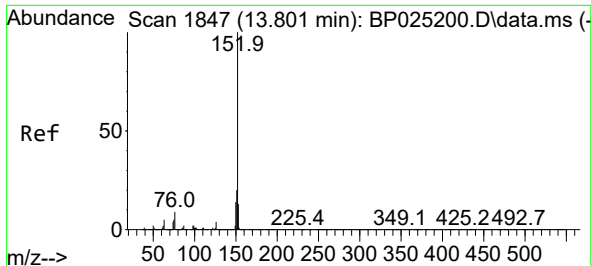
Supervised By :Jagrut Upadhyay 07/30/2025



#48
2-Nitroaniline
Concen: 46.758 ng
RT: 13.131 min Scan# 1733
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

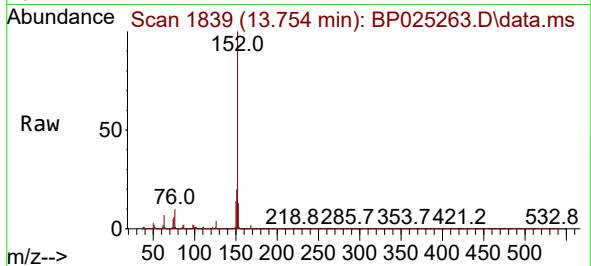
Tgt Ion: 65 Resp: 718641
Ion Ratio Lower Upper
65 100
92 75.8 59.9 89.9
138 128.3 107.1 160.7





#49
Acenaphthylene
Concen: 45.831 ng
RT: 13.754 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

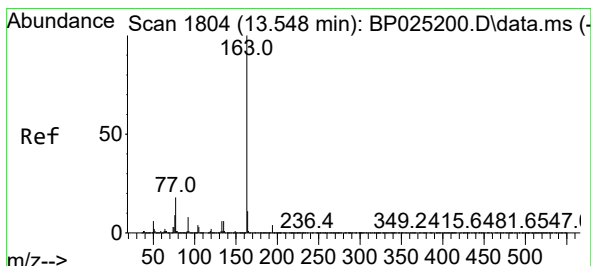
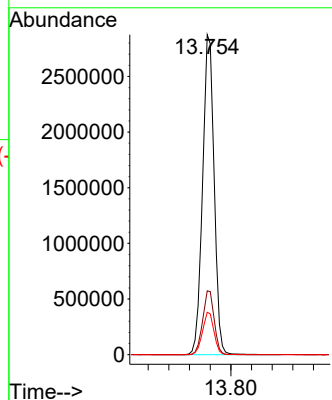
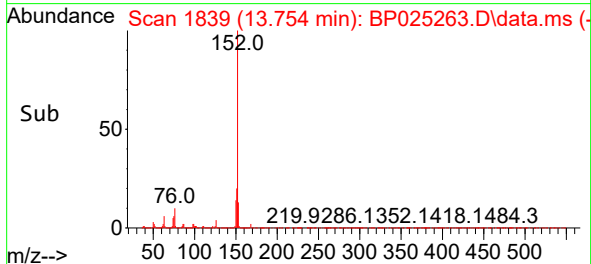
Instrument :
BNA_P
ClientSampleId :
PB169045BS



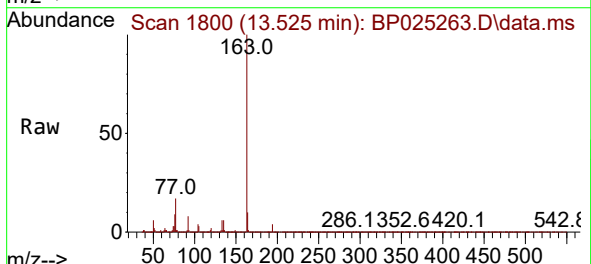
Tgt Ion:152 Resp: 446136
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 13.3 10.6 15.8

Manual Integrations
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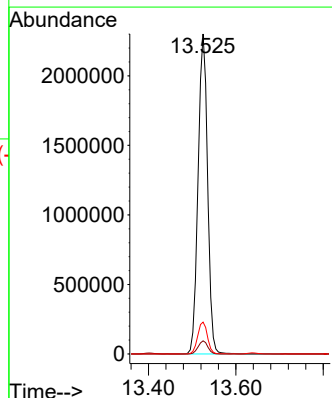
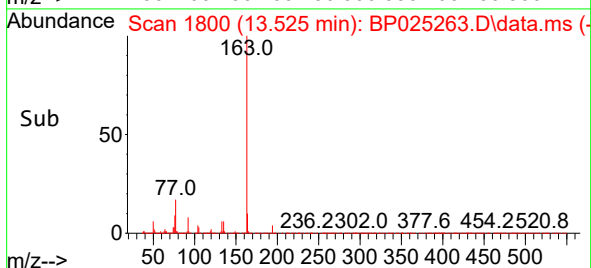
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

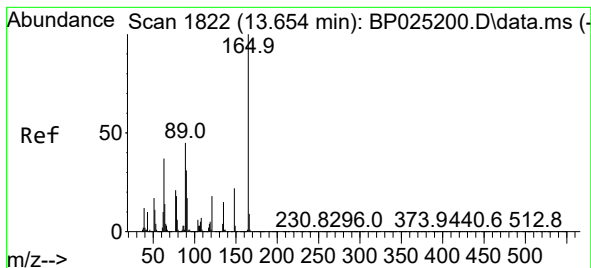


#50
Dimethylphthalate
Concen: 45.833 ng
RT: 13.525 min Scan# 1800
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



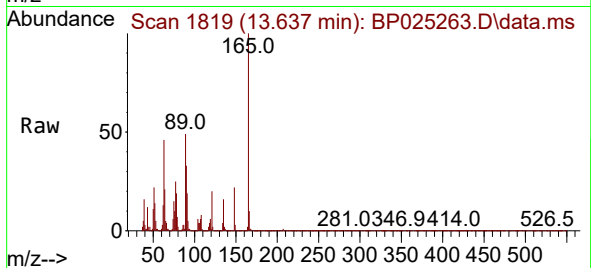
Tgt Ion:163 Resp: 3485584
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.839 ng
RT: 13.637 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

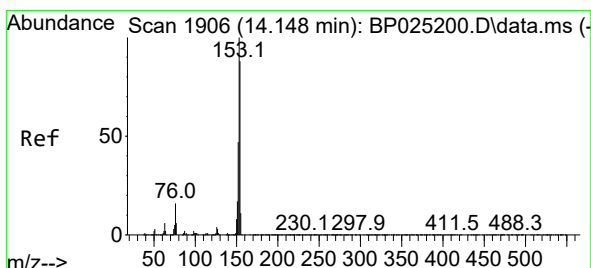
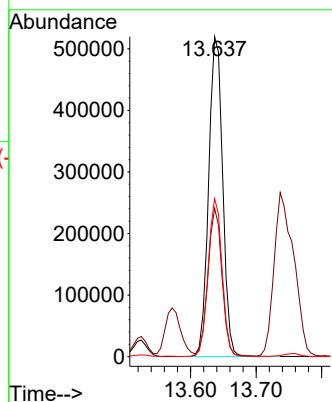
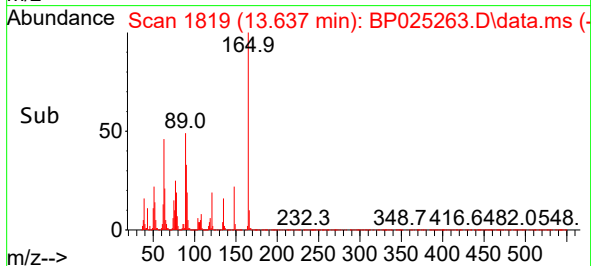
Instrument :
BNA_P
ClientSampleId :
PB169045BS



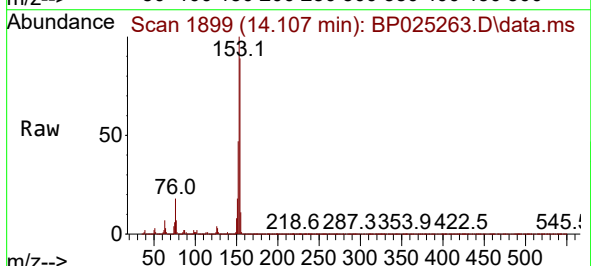
Tgt Ion:165 Resp: 773989
Ion Ratio Lower Upper
165 100
63 46.4 33.4 50.2
89 49.4 36.3 54.5

Manual Integrations
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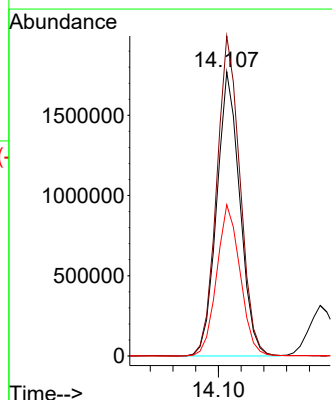
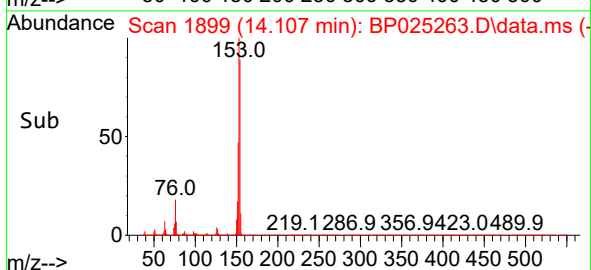
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

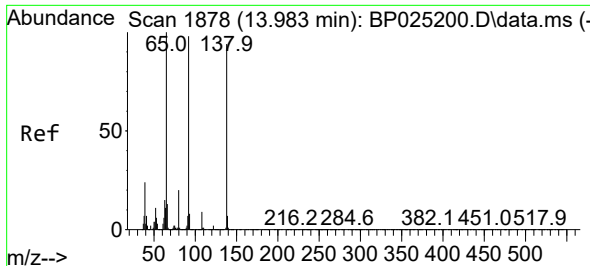


#52
Acenaphthene
Concen: 44.482 ng
RT: 14.107 min Scan# 1899
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



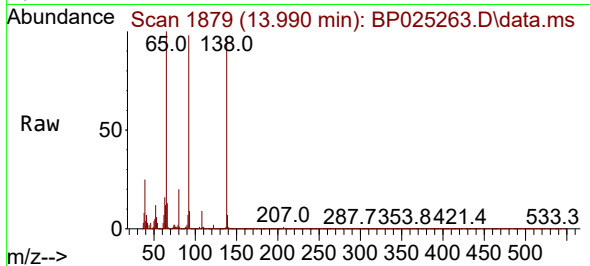
Tgt Ion:154 Resp: 2503893
Ion Ratio Lower Upper
154 100
153 112.6 90.7 136.1
152 53.2 42.9 64.3





#53
3-Nitroaniline
Concen: 37.162 ng
RT: 13.990 min Scan# 1878
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

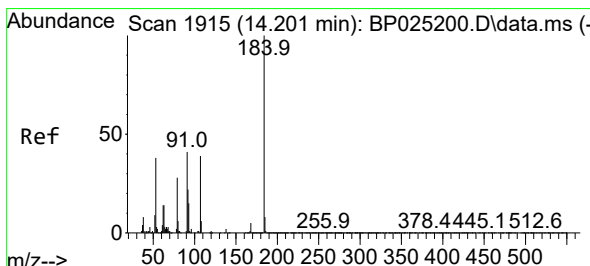
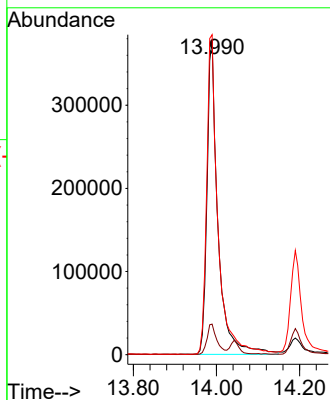
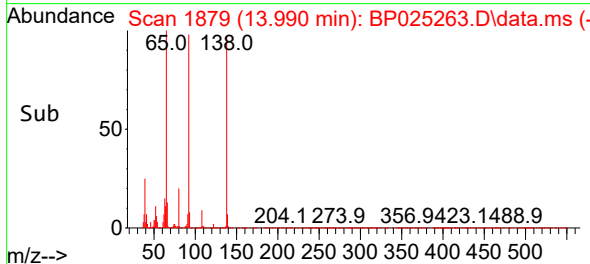
Instrument :
BNA_P
ClientSampleId :
PB169045BS



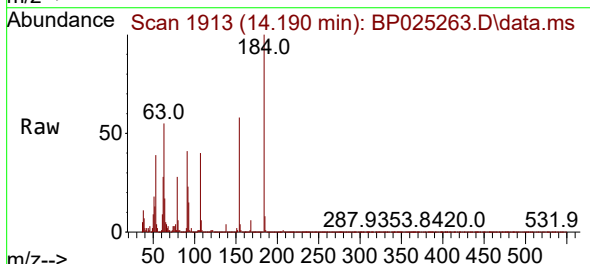
Tgt Ion:138 Resp: 69250
Ion Ratio Lower Upper
138 100
108 9.7 7.5 11.3
92 101.6 83.2 124.8

Manual Integrations
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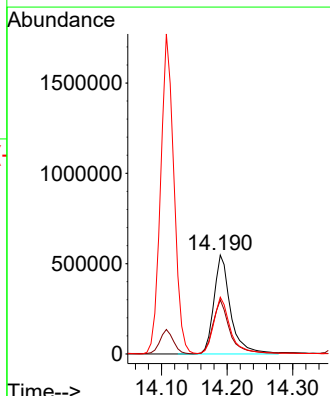
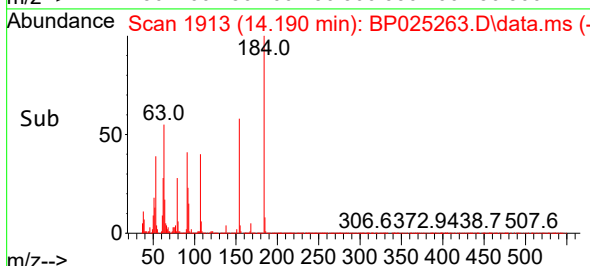
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

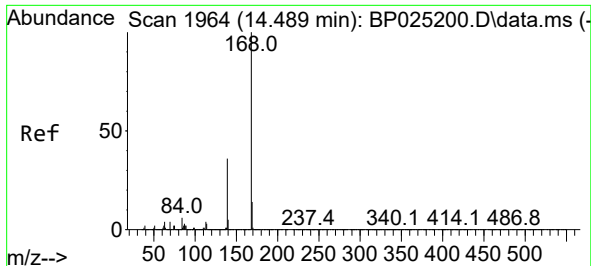


#54
2,4-Dinitrophenol
Concen: 98.424 ng
RT: 14.190 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



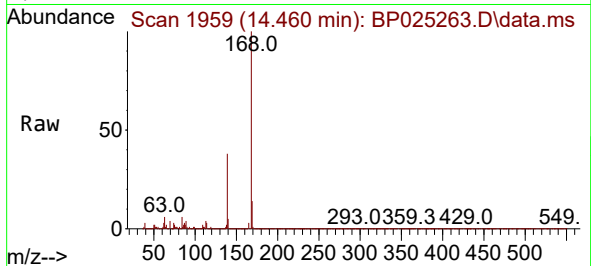
Tgt Ion:184 Resp: 963644
Ion Ratio Lower Upper
184 100
63 54.7 41.8 62.8
154 57.5 45.7 68.5





#55
Dibenzenofuran
Concen: 44.967 ng
RT: 14.460 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

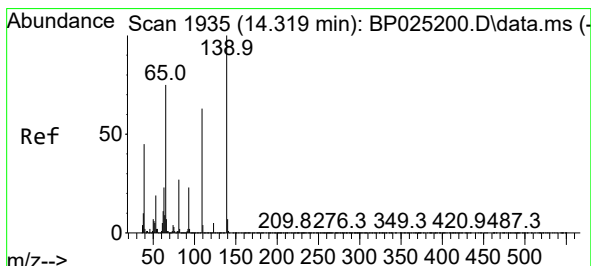
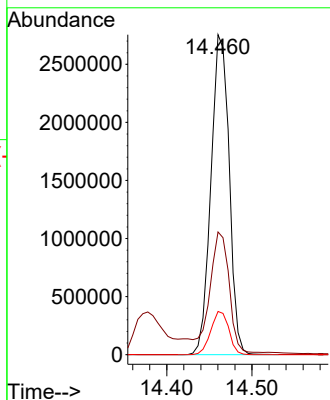
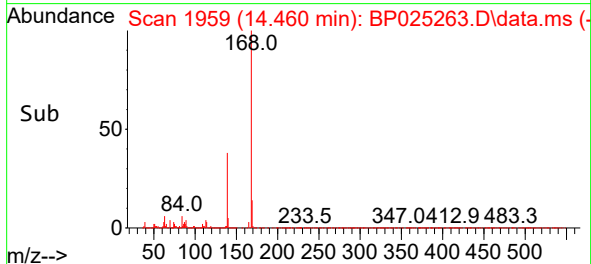
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:168 Resp: 408859
Ion Ratio Lower Upper
168 100
139 38.3 28.7 43.1
169 13.5 10.9 16.3

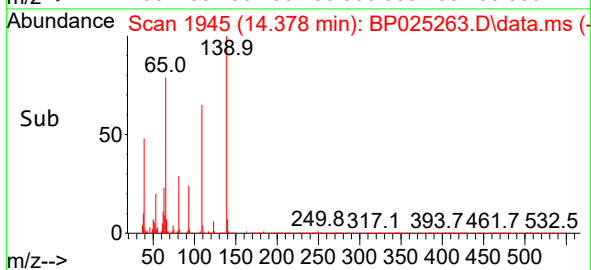
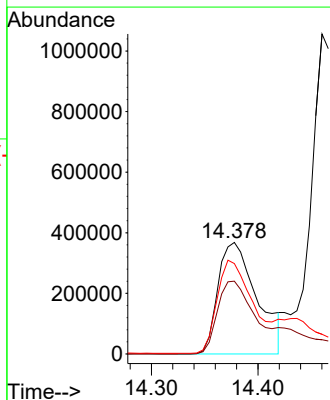
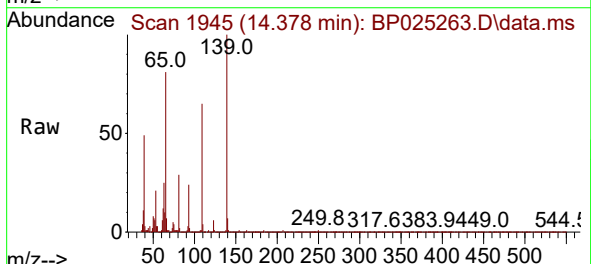
Manual Integrations
APPROVED

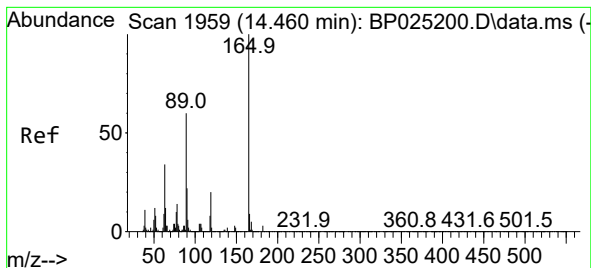
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#56
4-Nitrophenol
Concen: 58.626 ng
RT: 14.378 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

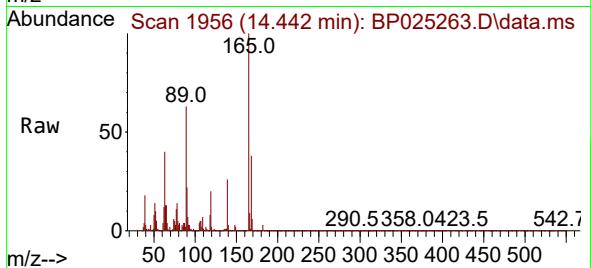
Tgt Ion:139 Resp: 934838
Ion Ratio Lower Upper
139 100
109 65.2 42.6 82.6
65 81.1 55.4 95.4





#57
2,4-Dinitrotoluene
Concen: 48.107 ng
RT: 14.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

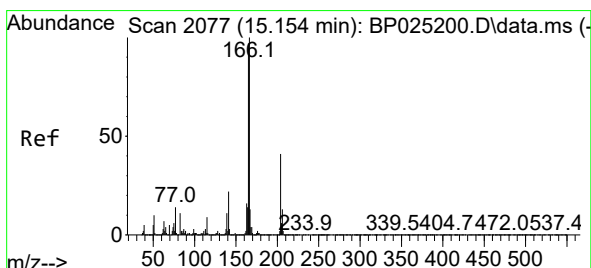
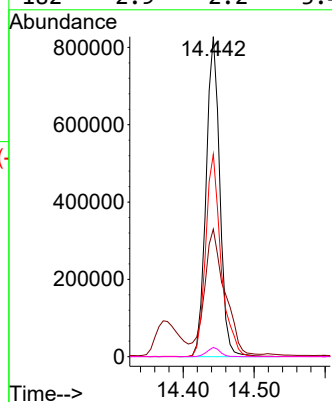
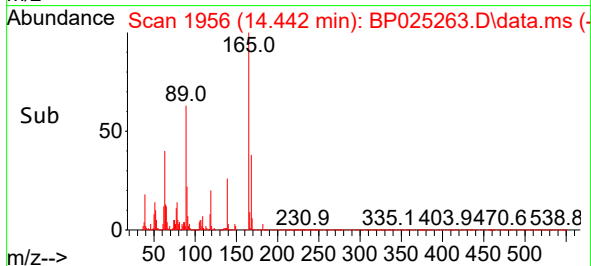
Instrument :
BNA_P
ClientSampleId :
PB169045BS



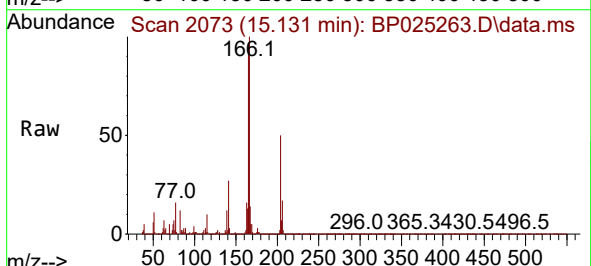
Tgt Ion:165 Resp: 1112768
Ion Ratio Lower Upper
165 100
63 39.9 27.0 40.4
89 63.3 47.8 71.6
182 2.9 2.2 3.4

Manual Integrations
APPROVED

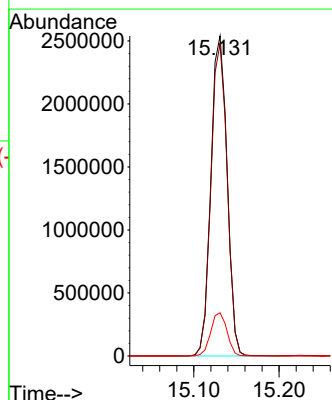
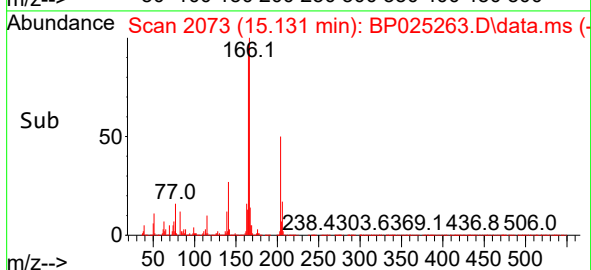
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

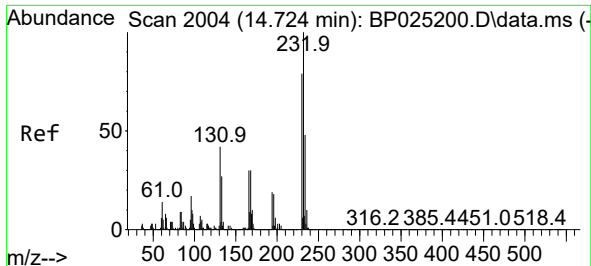


#58
Fluorene
Concen: 46.453 ng
RT: 15.131 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



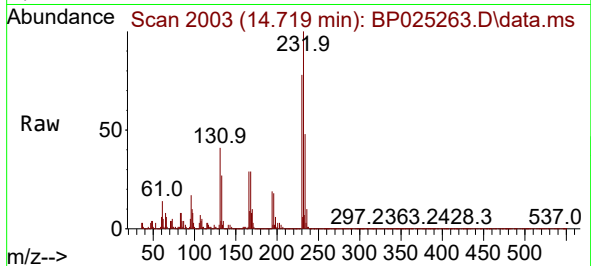
Tgt Ion:166 Resp: 3353179
Ion Ratio Lower Upper
166 100
165 97.5 78.0 117.0
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.449 ng
RT: 14.719 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

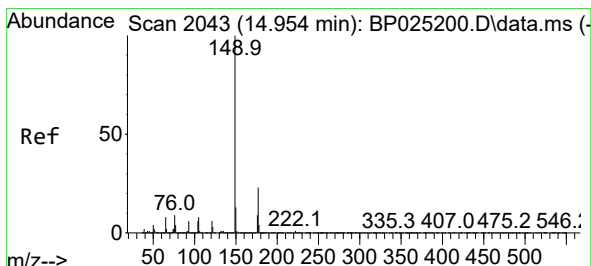
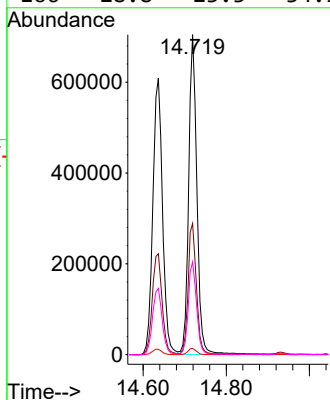
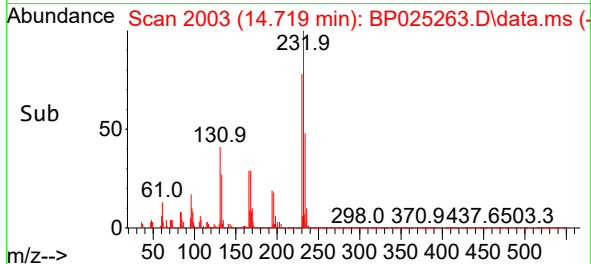
Instrument :
BNA_P
ClientSampleId :
PB169045BS



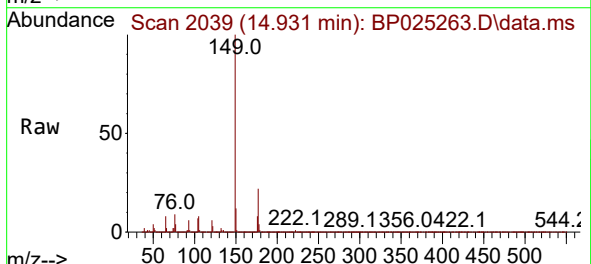
Tgt Ion:232 Resp: 963998
Ion Ratio Lower Upper
232 100
131 41.4 32.6 48.8
130 2.0 1.6 2.4
166 28.8 23.3 34.9

Manual Integrations
APPROVED

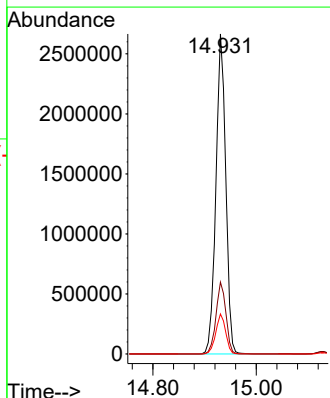
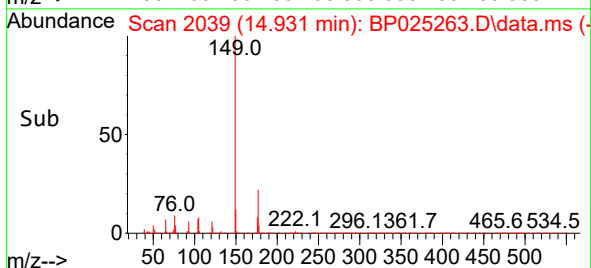
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

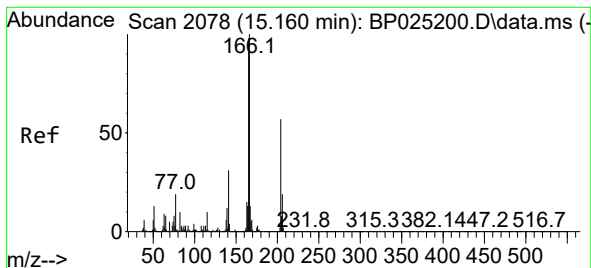


#60
Diethylphthalate
Concen: 46.933 ng
RT: 14.931 min Scan# 2039
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



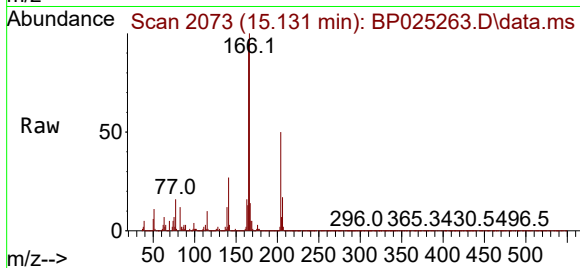
Tgt Ion:149 Resp: 3517931
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.023 ng
RT: 15.131 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

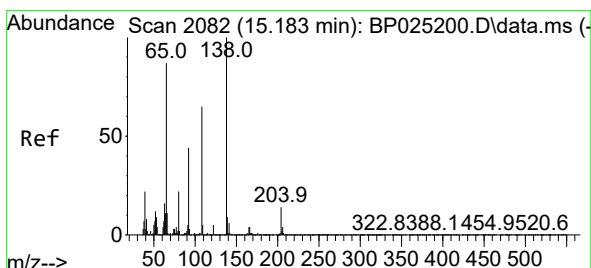
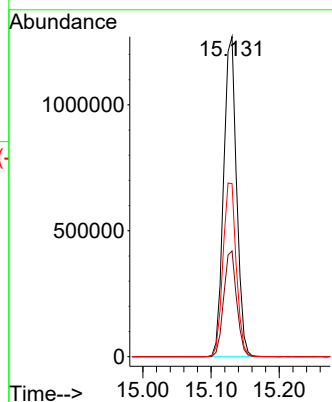
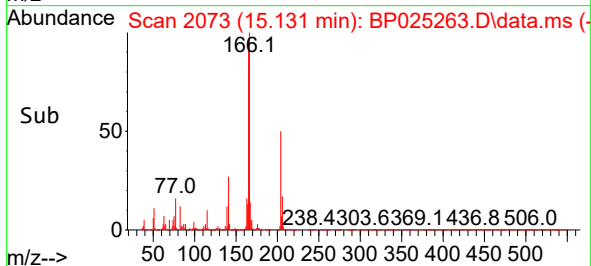
Instrument :
BNA_P
ClientSampleId :
PB169045BS



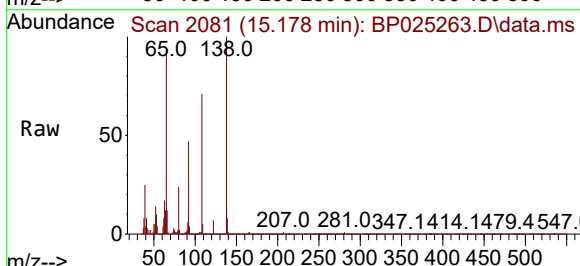
Tgt Ion:204 Resp: 167869
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 54.1 43.0 64.6

Manual Integrations
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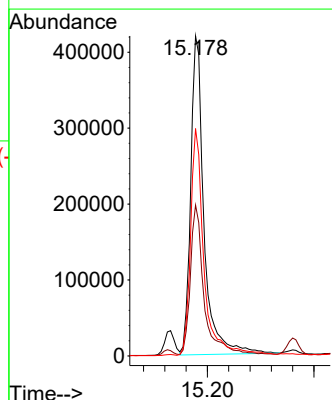
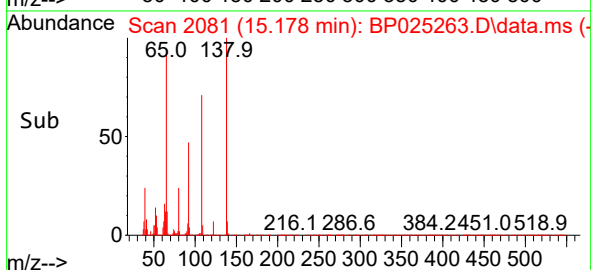
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

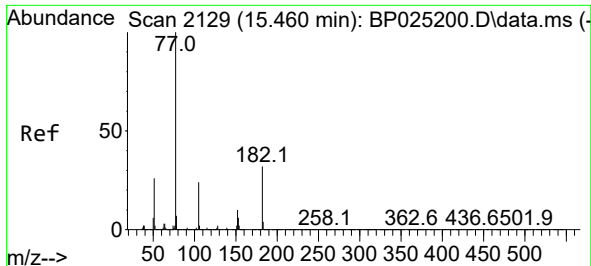


#62
4-Nitroaniline
Concen: 38.420 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



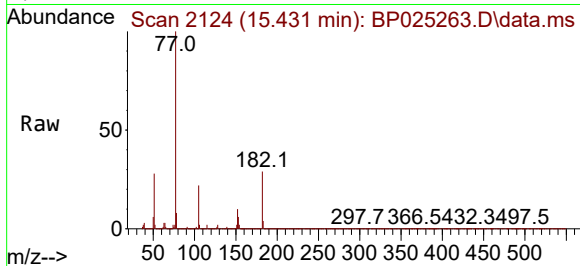
Tgt Ion:138 Resp: 728115
Ion Ratio Lower Upper
138 100
92 47.2 24.0 64.0
108 71.1 44.9 84.9





#63
Azobenzene
Concen: 48.074 ng
RT: 15.431 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

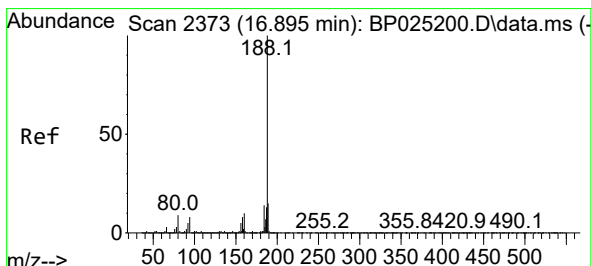
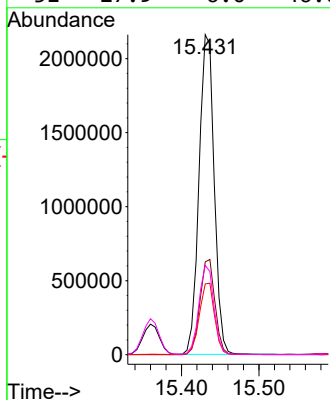
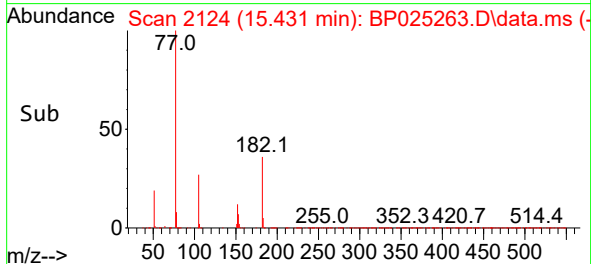
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion: 77 Resp: 2936430
Ion Ratio Lower Upper
77 100
182 29.0 12.0 52.0
105 22.1 3.6 43.6
51 27.9 6.0 46.0

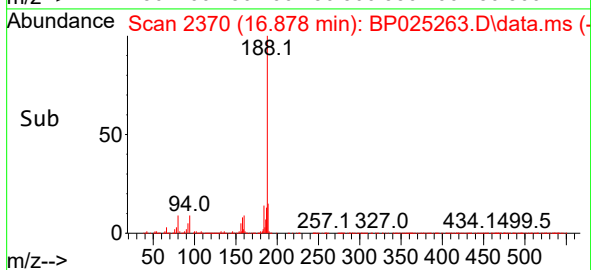
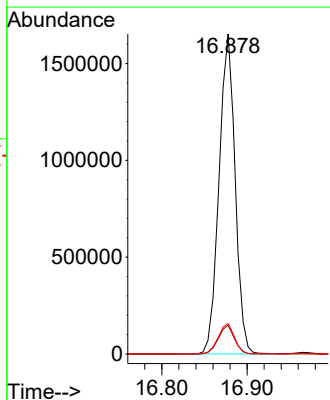
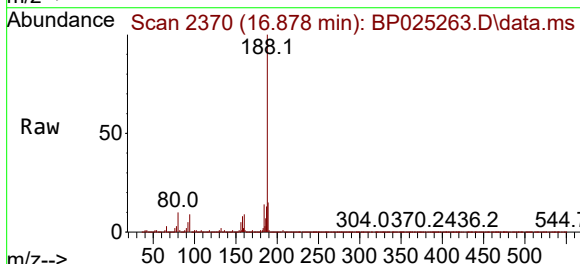
Manual Integrations
APPROVED

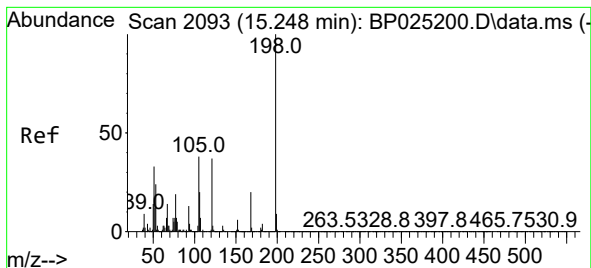
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.878 min Scan# 2370
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:188 Resp: 2167842
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.5 7.3 10.9





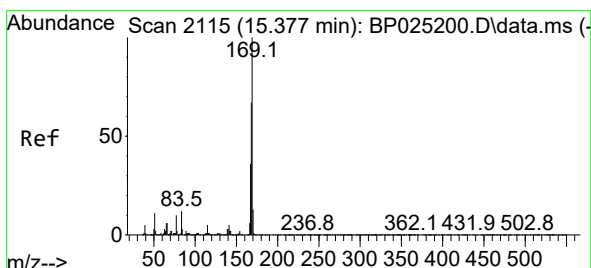
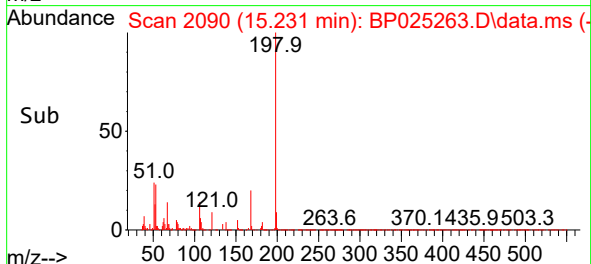
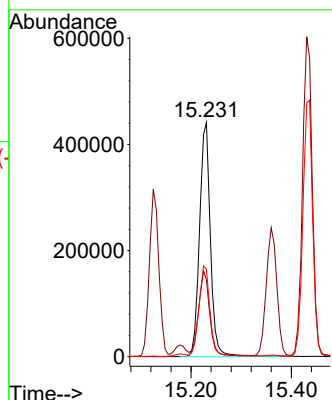
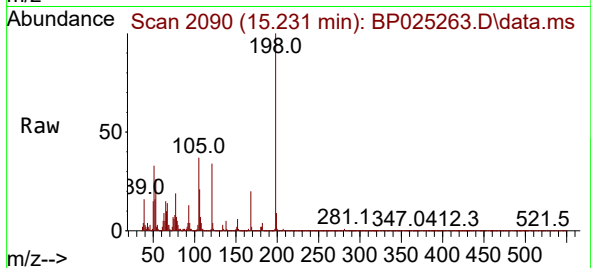
#65
4,6-Dinitro-2-methylphenol
Concen: 47.308 ng
RT: 15.231 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Instrument :
BNA_P
ClientSampleId :
PB169045BS

Tgt Ion:198 Resp: 66185
Ion Ratio Lower Upper
198 100
51 32.9 14.6 54.6
105 37.3 18.3 58.3

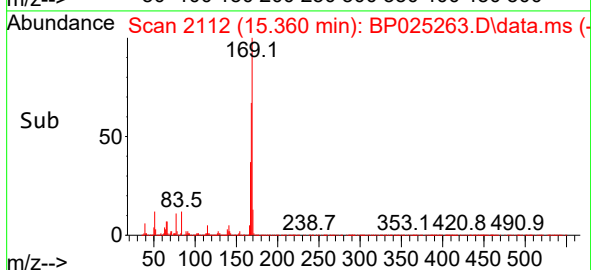
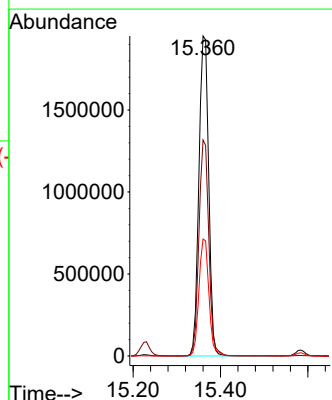
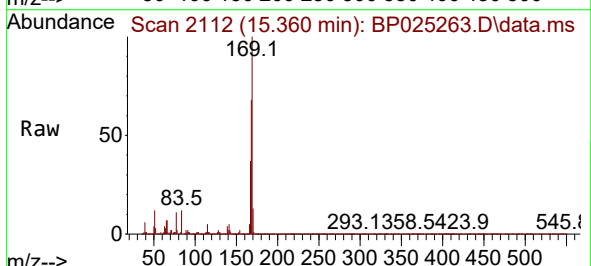
Manual Integrations
APPROVED

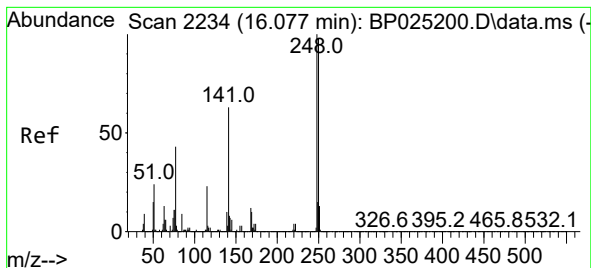
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#66
n-Nitrosodiphenylamine
Concen: 46.163 ng
RT: 15.360 min Scan# 2112
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

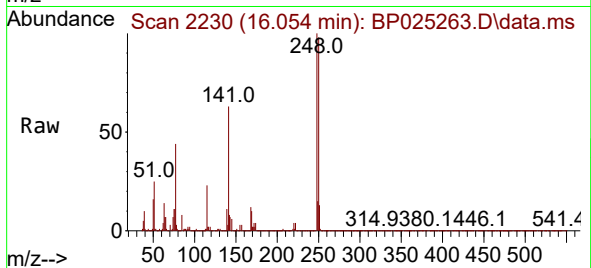
Tgt Ion:169 Resp: 3037516
Ion Ratio Lower Upper
169 100
168 67.5 53.7 80.5
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 43.607 ng
RT: 16.054 min Scan# 211
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

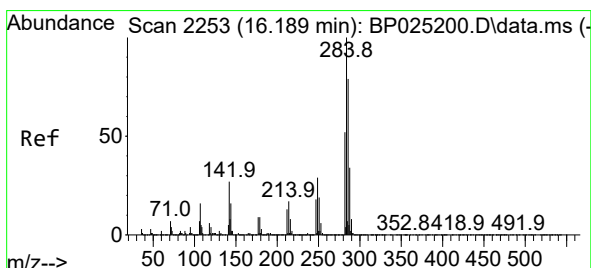
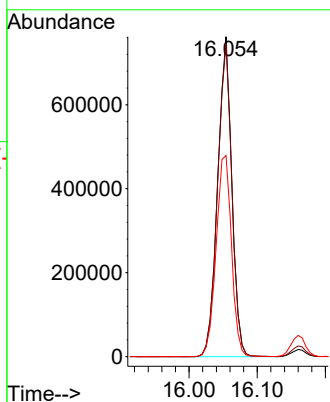
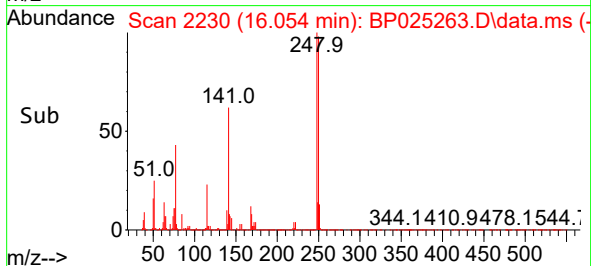
Instrument :
BNA_P
ClientSampleId :
PB169045BS



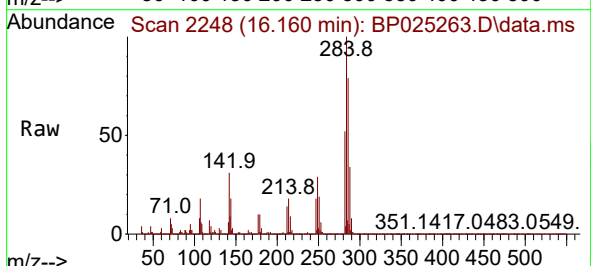
Tgt Ion:248 Resp: 1103254
Ion Ratio Lower Upper
248 100
250 97.8 78.5 117.7
141 62.8 50.5 75.7

Manual Integrations
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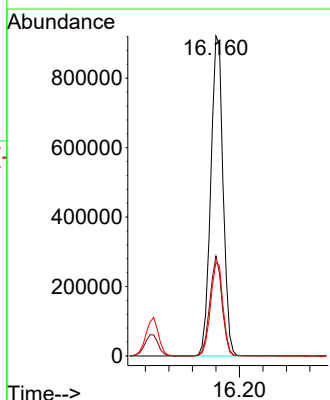
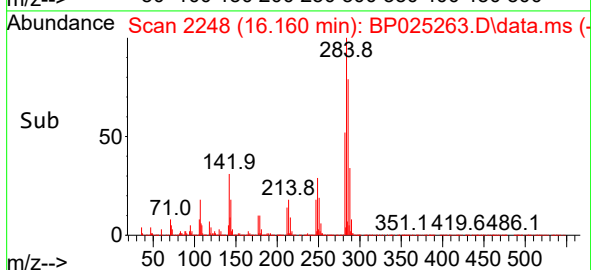
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

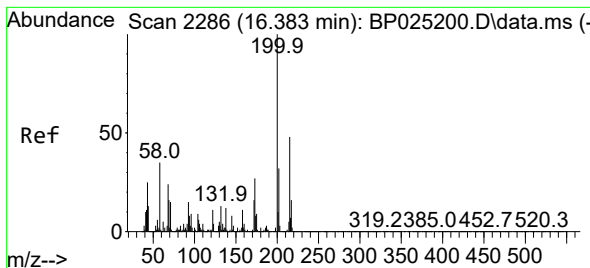


#68
Hexachlorobenzene
Concen: 44.528 ng
RT: 16.160 min Scan# 2248
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



Tgt Ion:284 Resp: 1337847
Ion Ratio Lower Upper
284 100
142 31.2 21.5 32.3
249 29.3 23.4 35.0





#69

Atrazine

Concen: 41.631 ng

RT: 16.360 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:200 Resp: 101365

Ion Ratio Lower Upper

200 100

173 26.5 7.4 47.4

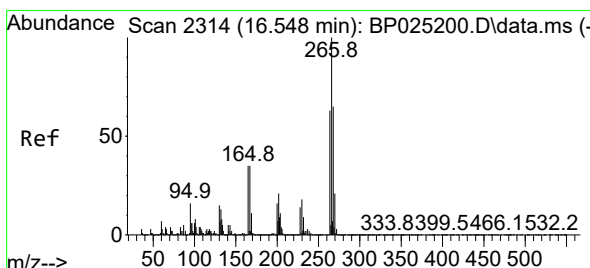
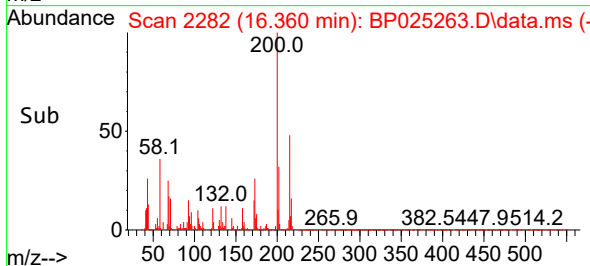
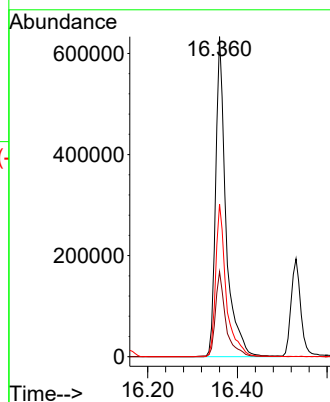
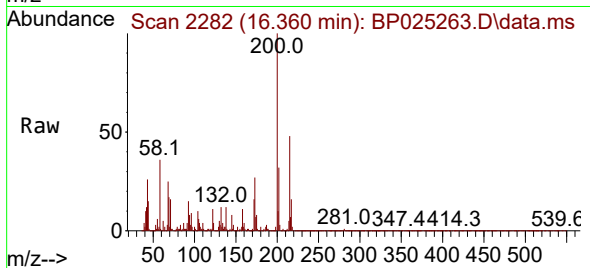
215 47.7 28.5 68.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#70

Pentachlorophenol

Concen: 81.653 ng

RT: 16.531 min Scan# 2311

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

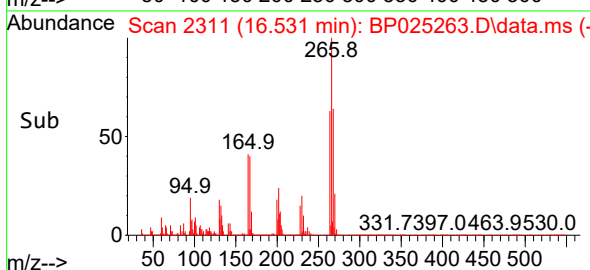
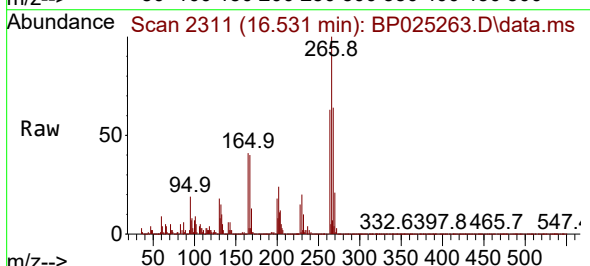
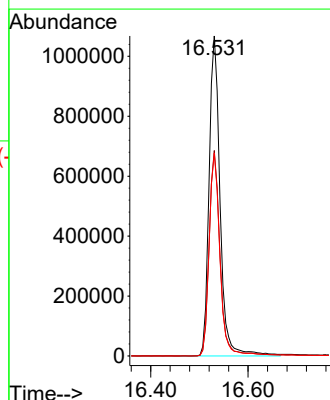
Tgt Ion:266 Resp: 1668273

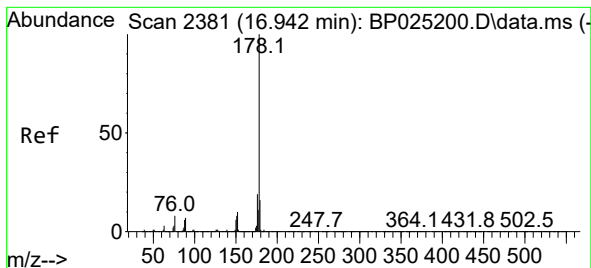
Ion Ratio Lower Upper

266 100

268 64.2 51.8 77.6

264 63.5 50.3 75.5





#71

Phenanthrene

Concen: 46.167 ng

RT: 16.919 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:178 Resp: 539795

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

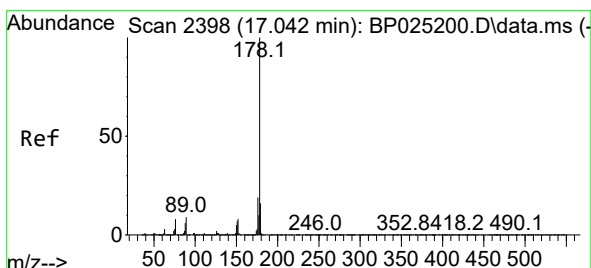
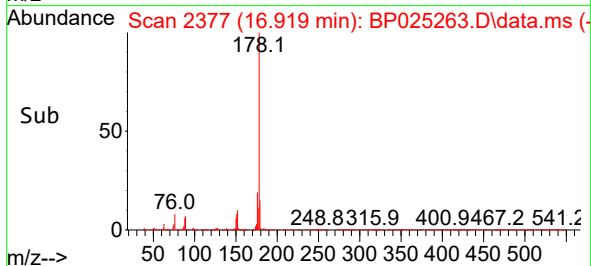
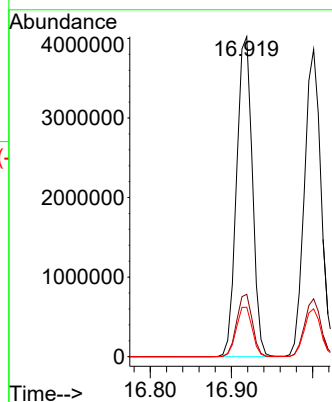
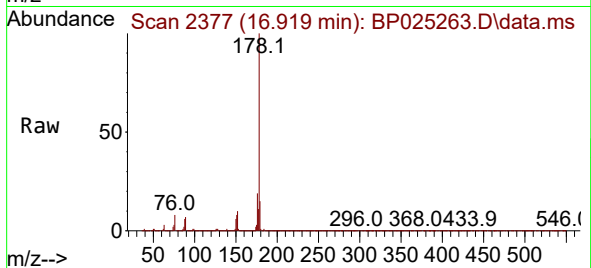
179 15.5 12.5 18.7

Manual Integrations

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Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#72

Anthracene

Concen: 47.133 ng

RT: 17.001 min Scan# 2391

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

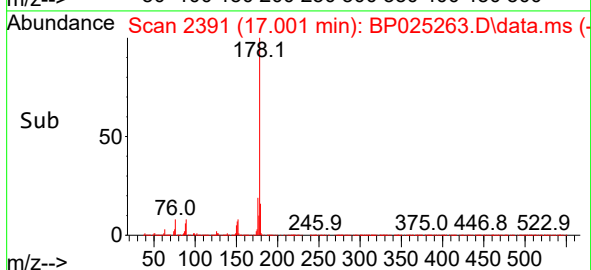
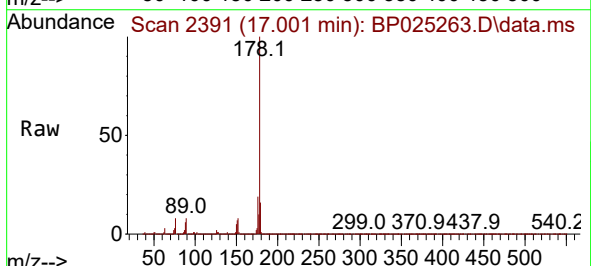
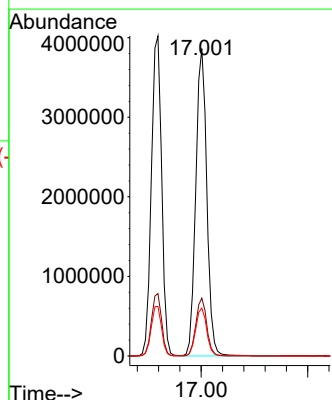
Tgt Ion:178 Resp: 5551682

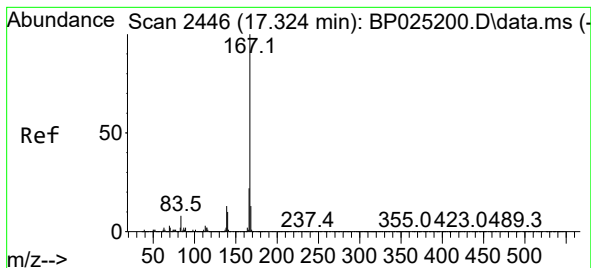
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

179 15.6 12.5 18.7





#73

Carbazole

Concen: 46.461 ng

RT: 17.301 min Scan# 2446

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:167 Resp: 522414

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

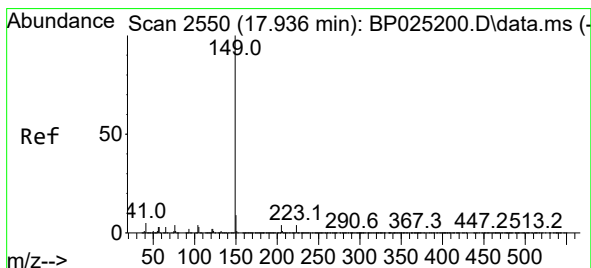
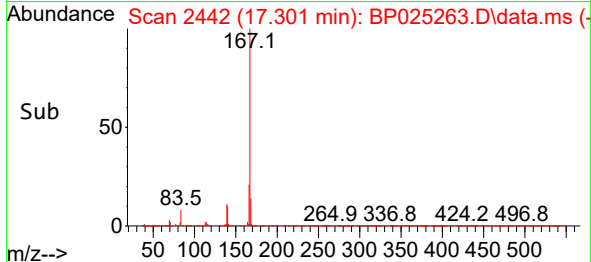
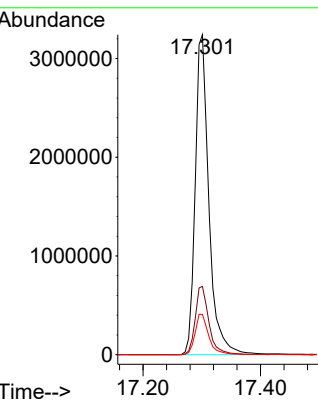
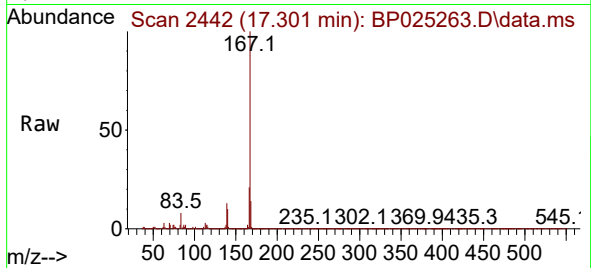
139 12.6 10.1 15.1

Manual Integrations

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Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#74

Di-n-butylphthalate

Concen: 47.808 ng

RT: 17.919 min Scan# 2547

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

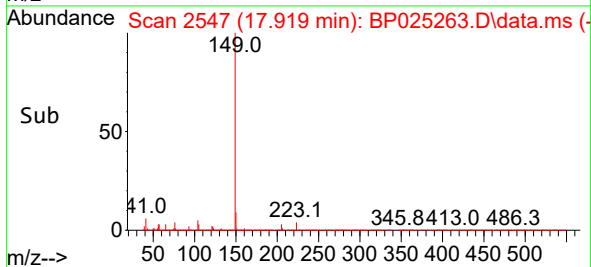
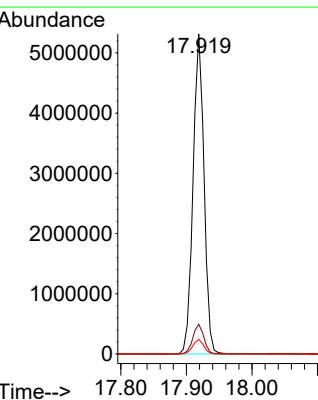
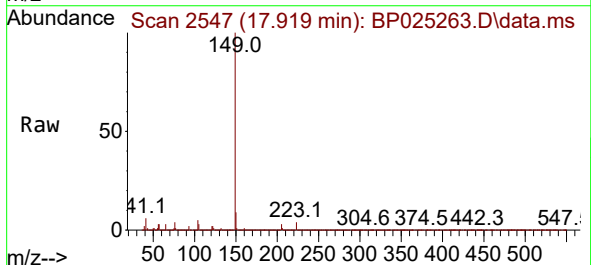
Tgt Ion:149 Resp: 6202495

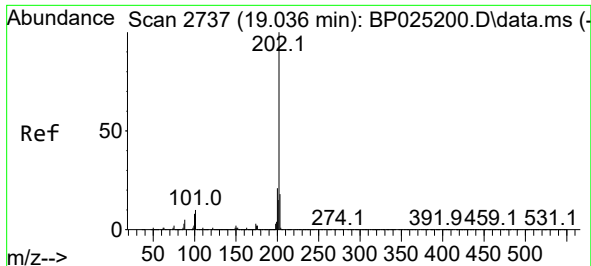
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

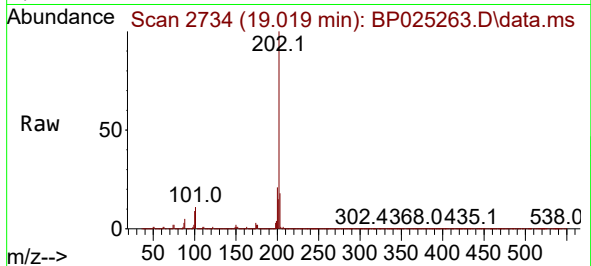
104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 46.963 ng
RT: 19.019 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

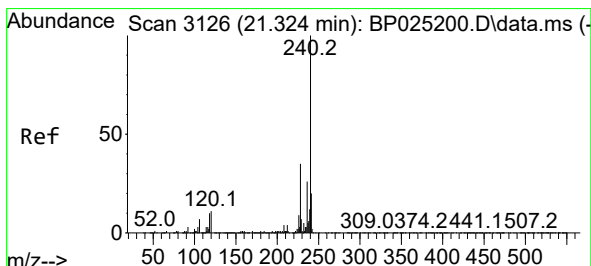
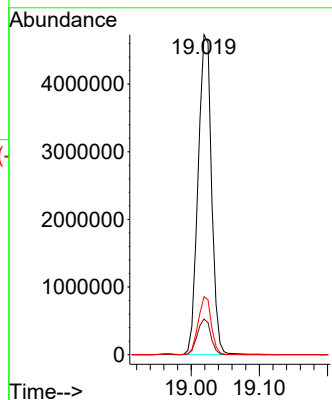
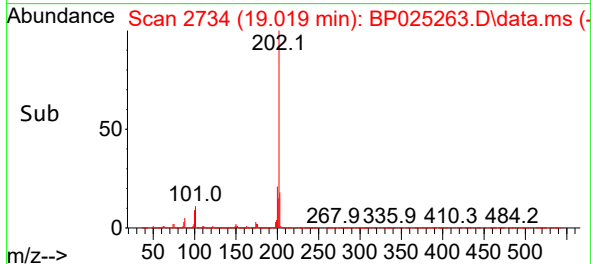
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:202 Resp: 6462389
Ion Ratio Lower Upper
202 100
101 11.1 0.0 30.3
203 18.1 0.0 38.0

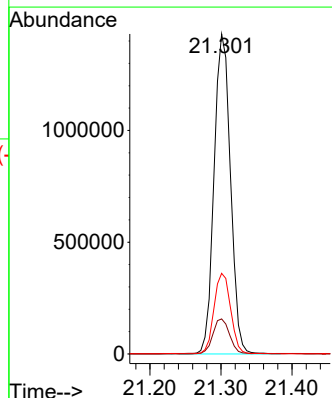
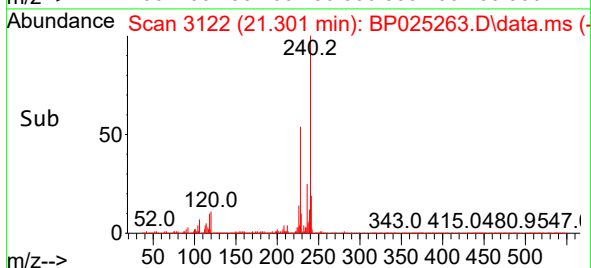
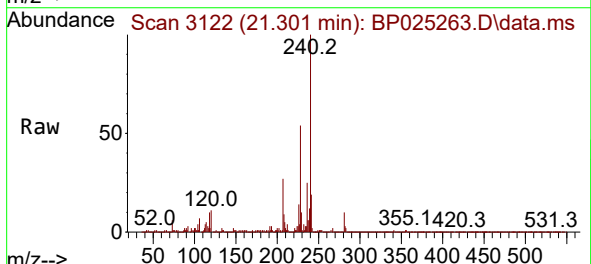
Manual Integrations
APPROVED

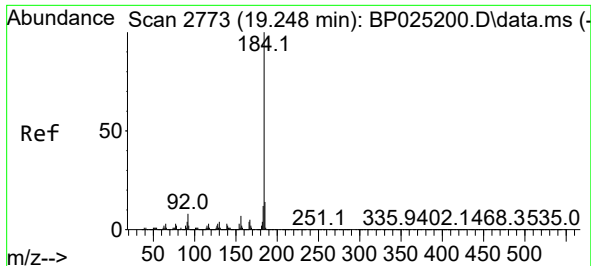
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.301 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

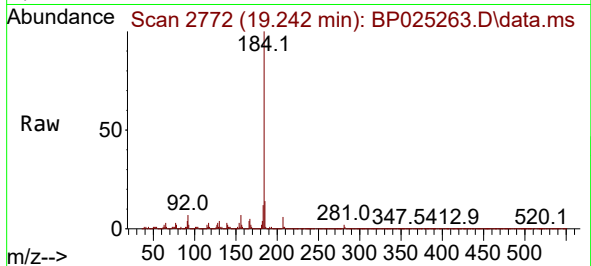
Tgt Ion:240 Resp: 2293729
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.2 20.9 31.3





#77
Benzidine
Concen: 35.902 ng
RT: 19.242 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

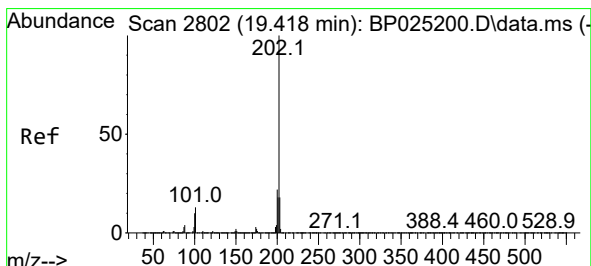
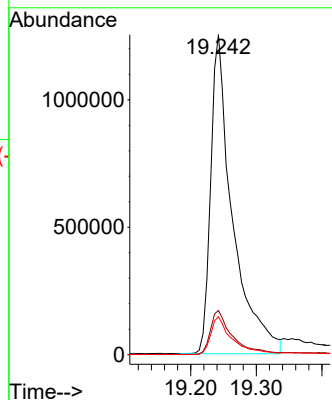
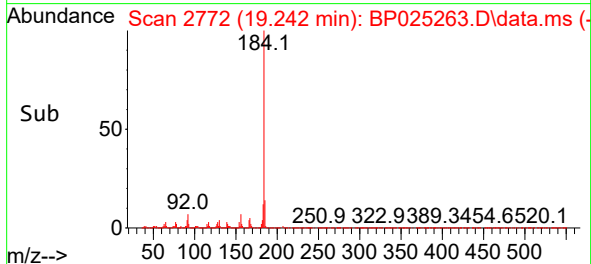
Instrument :
BNA_P
ClientSampleId :
PB169045BS



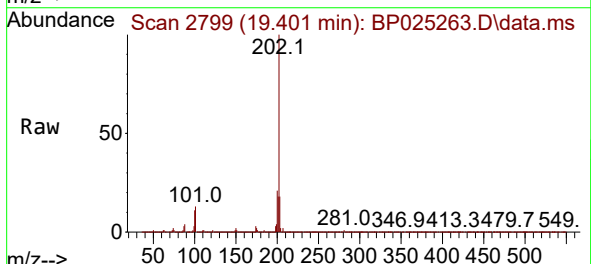
Tgt Ion:184 Resp: 289115
Ion Ratio Lower Upper
184 100
185 13.8 11.5 17.3
183 11.9 9.6 14.4

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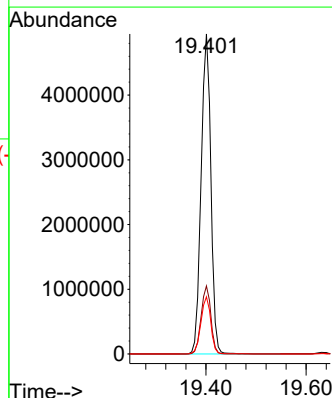
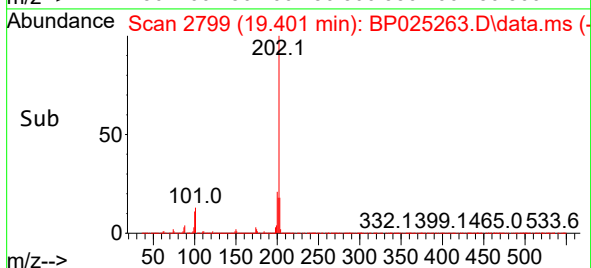
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

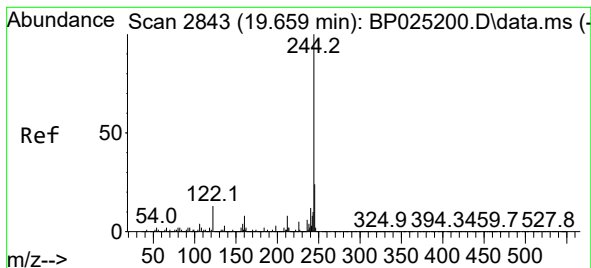


#78
Pyrene
Concen: 47.008 ng
RT: 19.401 min Scan# 2799
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



Tgt Ion:202 Resp: 6648277
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 84.455 ng

RT: 19.630 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:244 Resp: 9813270

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

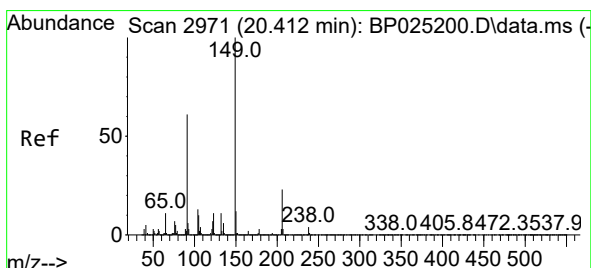
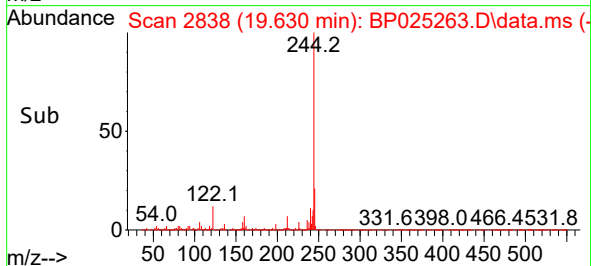
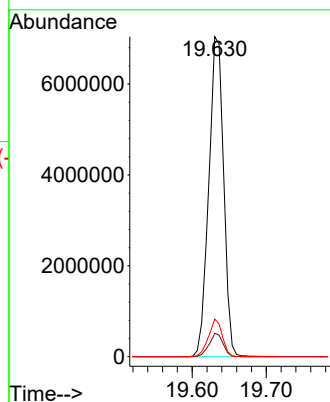
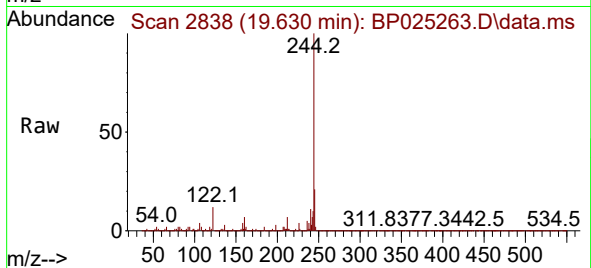
122 11.7 10.3 15.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#80

Butylbenzylphthalate

Concen: 46.036 ng

RT: 20.383 min Scan# 2966

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

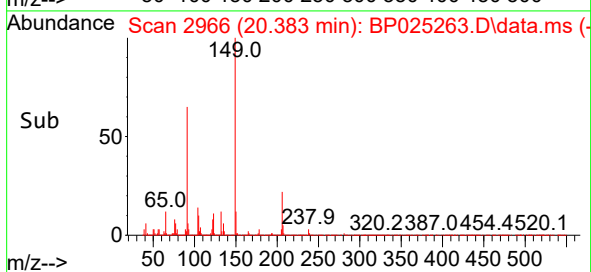
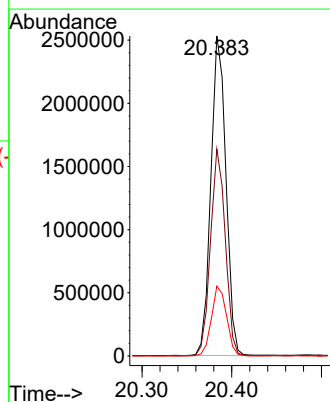
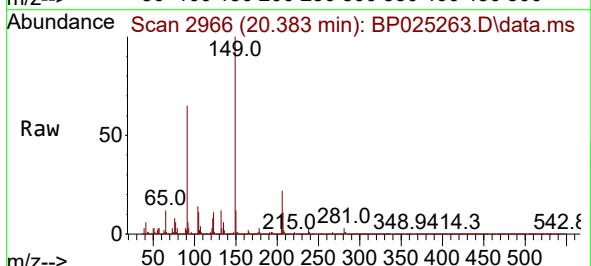
Tgt Ion:149 Resp: 2947236

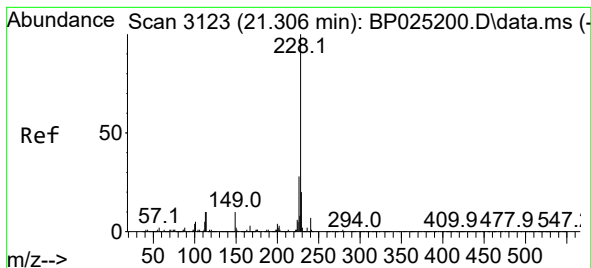
Ion Ratio Lower Upper

149 100

91 64.7 48.8 73.2

206 21.8 18.4 27.6





#81

Benzo(a)anthracene

Concen: 46.549 ng

RT: 21.283 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:228 Resp: 674257

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

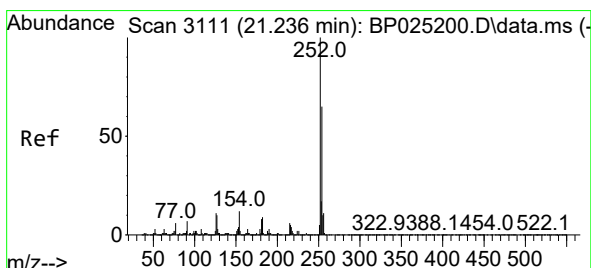
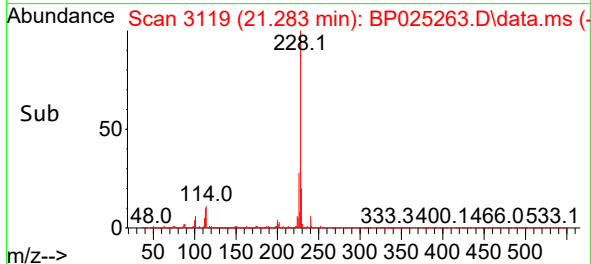
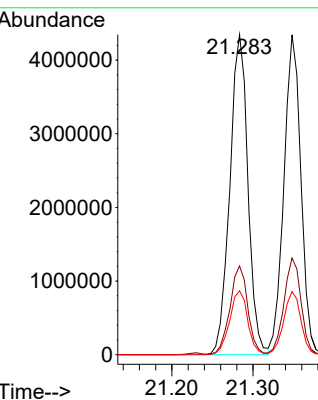
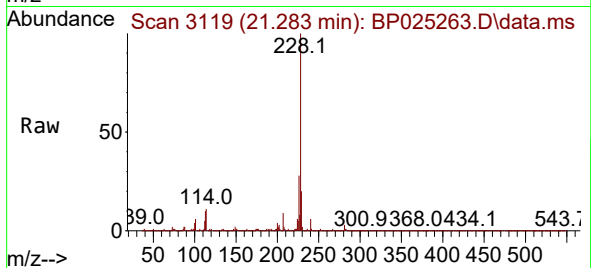
229 20.0 16.2 24.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#82

3,3'-Dichlorobenzidine

Concen: 34.378 ng

RT: 21.230 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

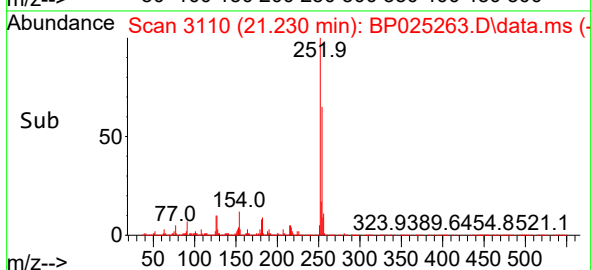
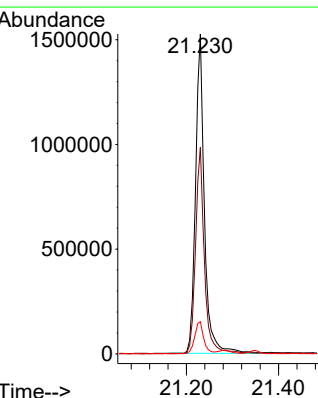
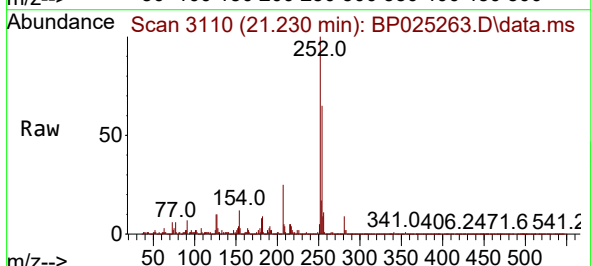
Tgt Ion:252 Resp: 2064178

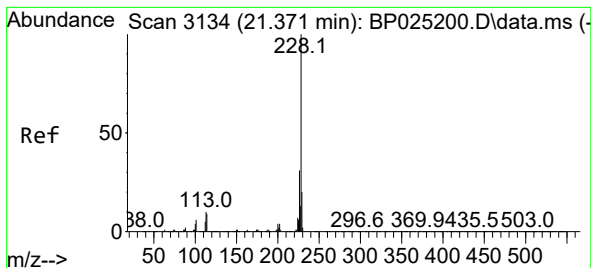
Ion Ratio Lower Upper

252 100

254 64.6 52.1 78.1

126 10.1 8.6 12.8





#83

Chrysene

Concen: 46.767 ng

RT: 21.348 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP025263.D

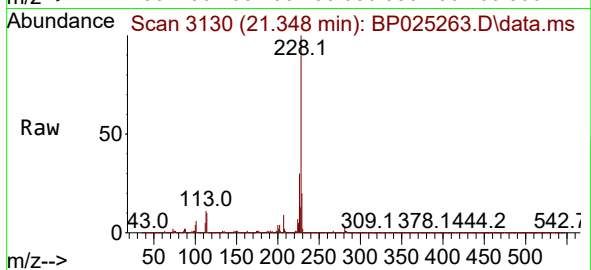
Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS



Tgt Ion:228 Resp: 632374

Ion Ratio Lower Upper

228 100

226 30.2 24.6 37.0

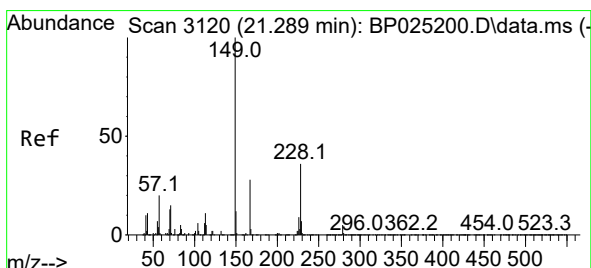
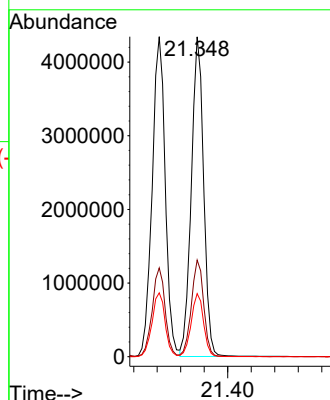
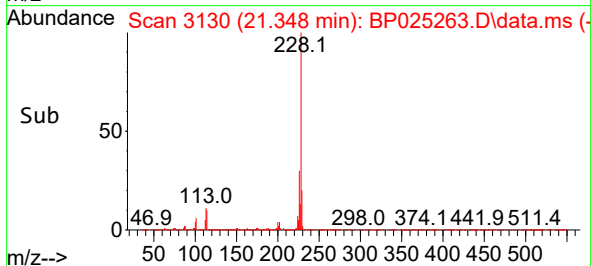
229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.029 ng

RT: 21.260 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

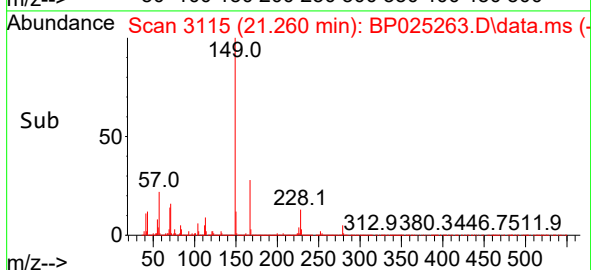
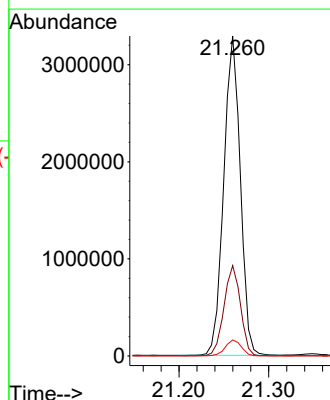
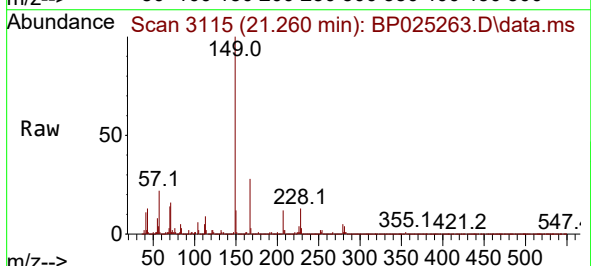
Tgt Ion:149 Resp: 4213555

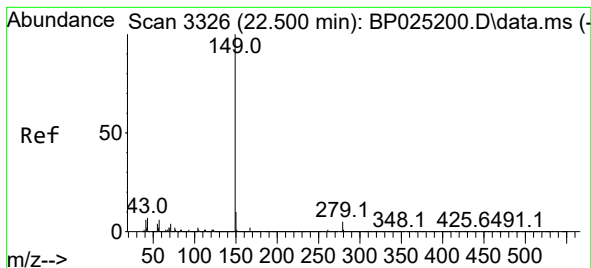
Ion Ratio Lower Upper

149 100

167 28.2 22.6 34.0

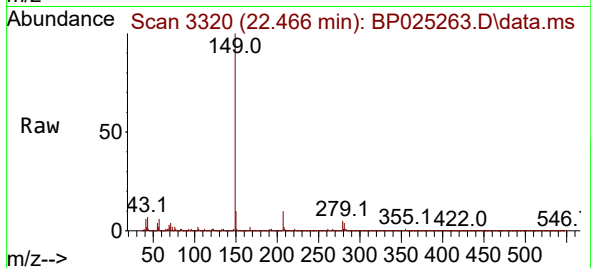
279 5.0 4.0 6.0





#85
Di-n-octyl phthalate
Concen: 45.310 ng
RT: 22.466 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

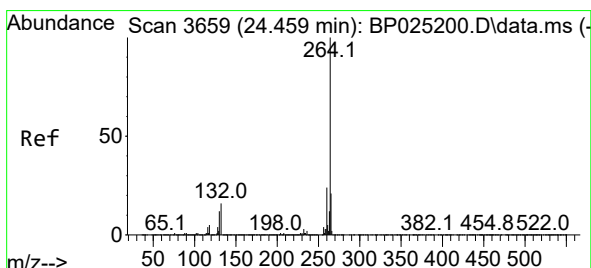
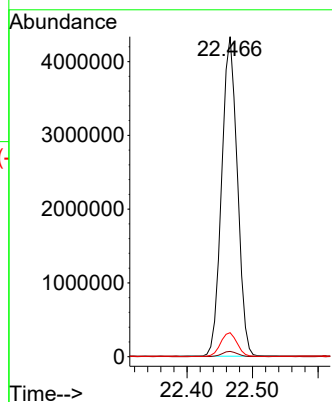
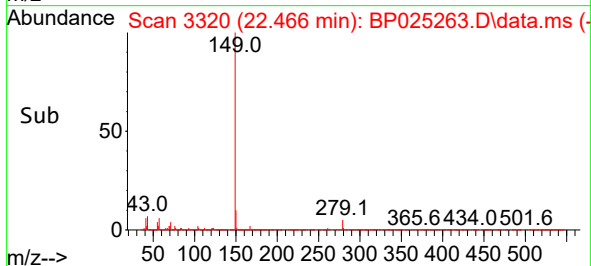
Instrument :
BNA_P
ClientSampleId :
PB169045BS



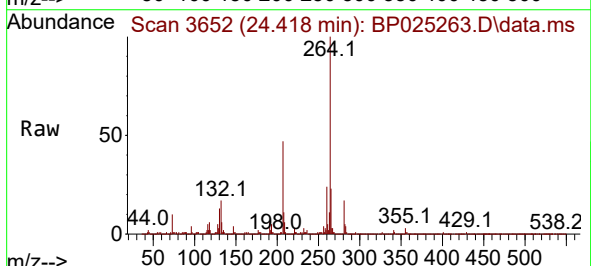
Tgt Ion:149 Resp: 716235
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.7 6.1 9.1

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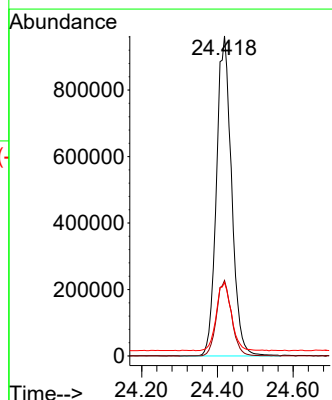
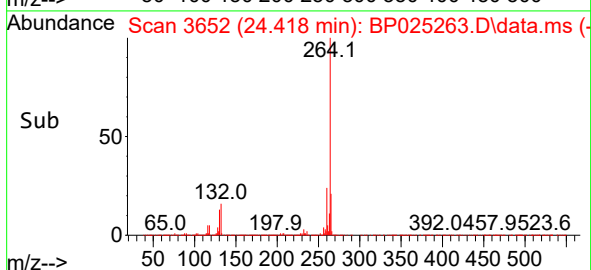
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025

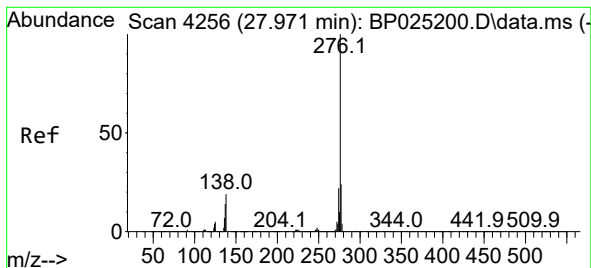


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.418 min Scan# 3652
Delta R.T. 0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57



Tgt Ion:264 Resp: 2662274
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 23.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.899 ng

RT: 27.924 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:276 Resp: 873527

Ion Ratio Lower Upper

276 100

138 17.0 12.8 19.2

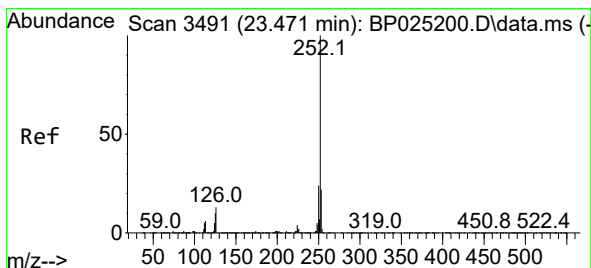
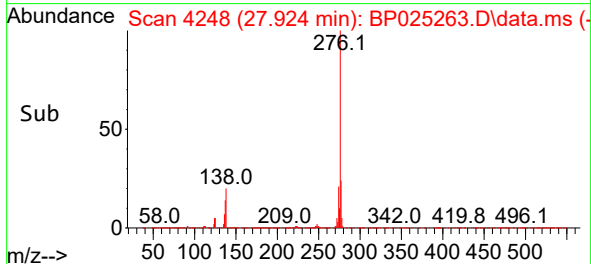
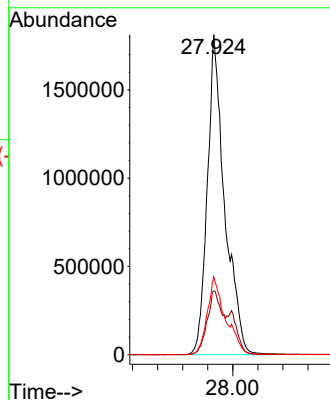
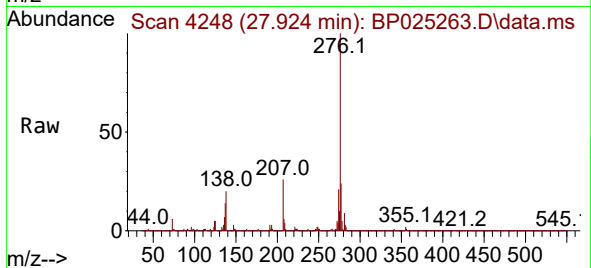
277 25.4 20.3 30.5

Manual Integrations

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Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#88

Benzo(b)fluoranthene

Concen: 47.392 ng

RT: 23.442 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

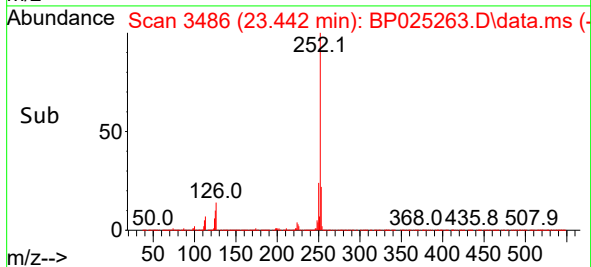
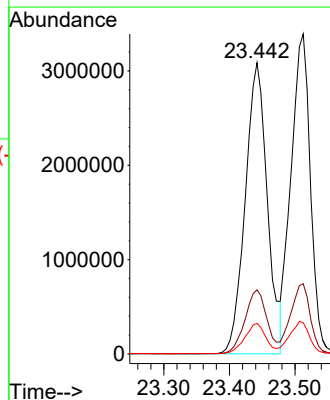
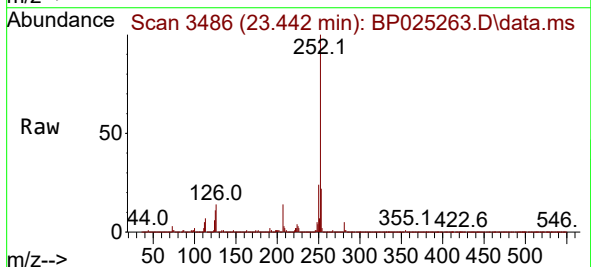
Tgt Ion:252 Resp: 7222114

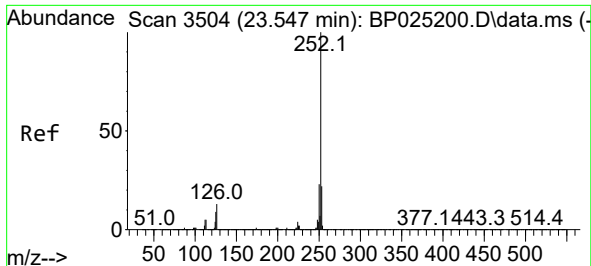
Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

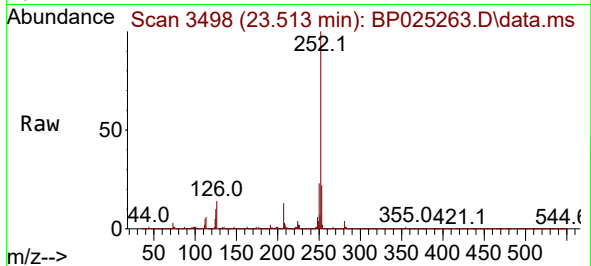
125 10.5 7.8 11.8





#89
Benzo(k)fluoranthene
Concen: 46.368 ng
RT: 23.513 min Scan# 34
Delta R.T. 0.012 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

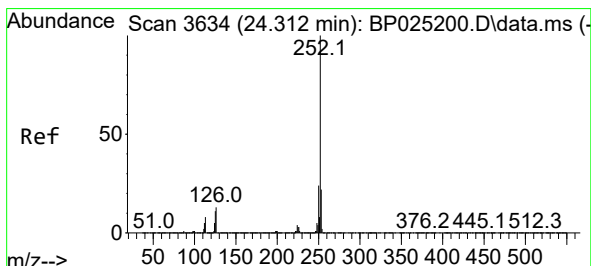
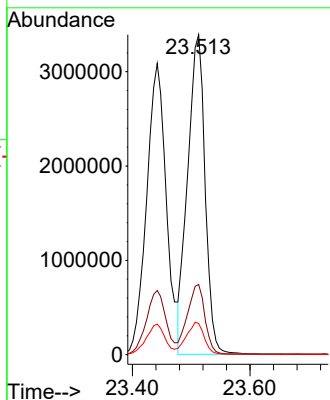
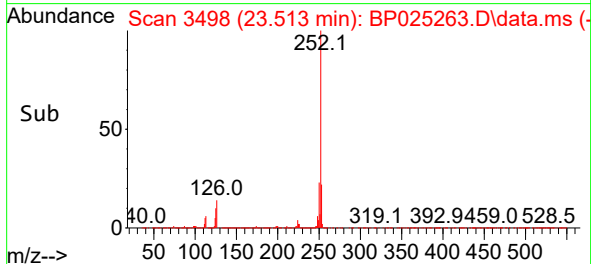
Instrument :
BNA_P
ClientSampleId :
PB169045BS



Tgt Ion:252 Resp: 6975768
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.8 7.5 11.3

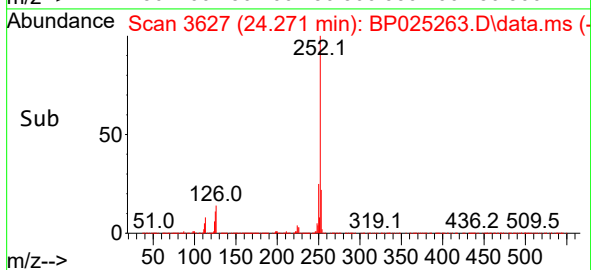
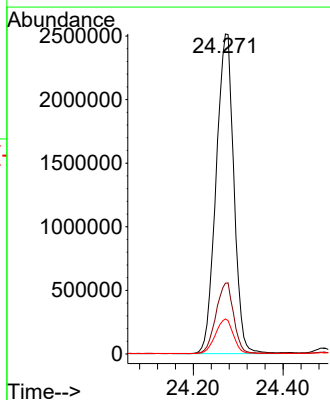
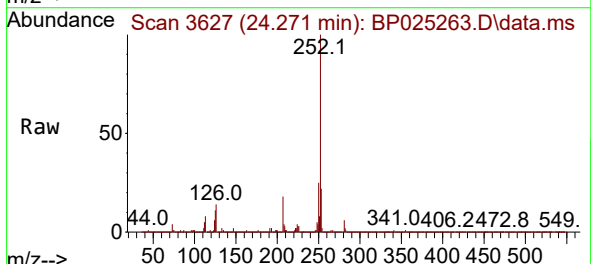
Manual Integrations
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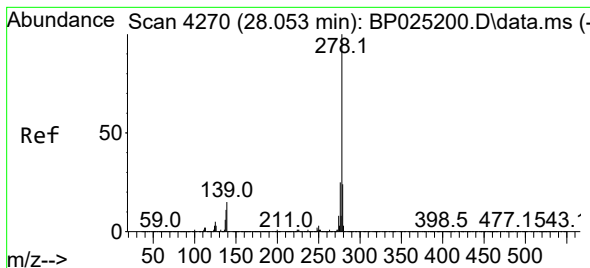
Reviewed By :Rahul Chavli 07/30/2025
Supervised By :Jagrut Upadhyay 07/30/2025



#90
Benzo(a)pyrene
Concen: 46.358 ng
RT: 24.271 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BP025263.D
Acq: 29 Jul 2025 15:57

Tgt Ion:252 Resp: 6892794
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 10.9 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 45.349 ng

RT: 27.995 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Instrument :

BNA_P

ClientSampleId :

PB169045BS

Tgt Ion:278 Resp: 719807

Ion Ratio Lower Upper

278 100

139 16.0 12.0 18.0

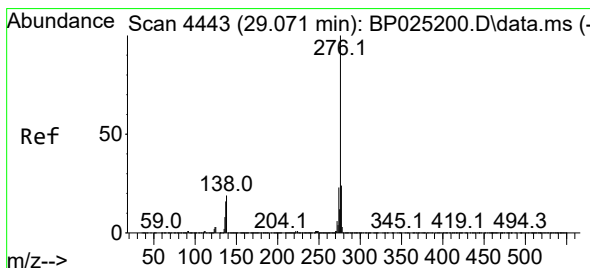
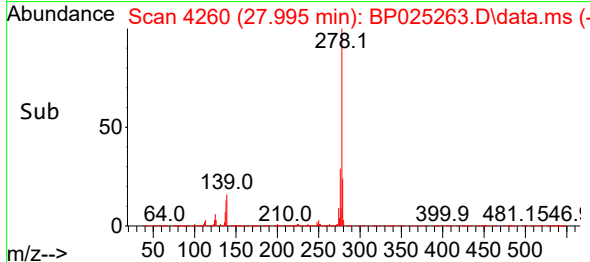
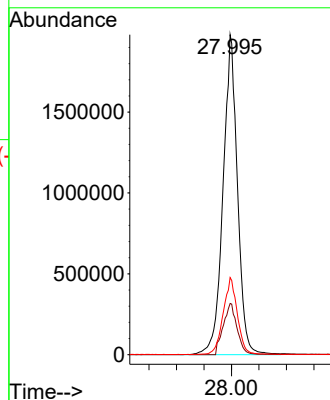
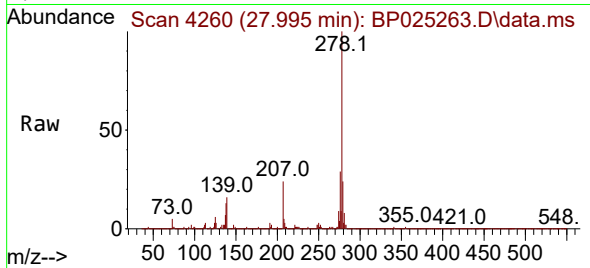
279 24.1 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/30/2025

Supervised By :Jagrut Upadhyay 07/30/2025



#92

Benzo(g,h,i)perylene

Concen: 46.219 ng m

RT: 28.989 min Scan# 4429

Delta R.T. -0.006 min

Lab File: BP025263.D

Acq: 29 Jul 2025 15:57

Tgt Ion:276 Resp: 7209603

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 20.9 15.4 23.2

