

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
 Data File : BP025157.D
 Acq On : 16 Jul 2025 14:05
 Operator : CG/JU
 Sample : PB168832BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168832BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

Quant Time: Jul 16 14:42:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 03 16:05:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.443	152	599543	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2380990	20.000	ng	0.01
39) Acenaphthene-d10	14.101	164	1505370	20.000	ng	0.01
64) Phenanthrene-d10	16.925	188	2956416	20.000	ng	0.02
76) Chrysene-d12	21.354	240	3025641	20.000	ng	0.01
86) Perylene-d12	24.483	264	3509061	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	4440478	131.231	ng	0.00
7) Phenol-d6	6.643	99	5470339	123.884	ng	0.01
23) Nitrobenzene-d5	8.572	82	3206940	89.575	ng	0.00
42) 2,4,6-Tribromophenol	15.625	330	2720501	152.979	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	8220370	84.595	ng	0.00
79) Terphenyl-d14	19.672	244	12137383	88.165	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.119	88	466985	35.491	ng	98
3) Pyridine	3.490	79	1316993	36.560	ng	97
4) n-Nitrosodimethylamine	3.402	42	602171	39.480	ng	91
6) Aniline	6.778	93	1801789	43.673	ng	100
8) 2-Chlorophenol	7.019	128	1813260	47.895	ng	99
9) Benzaldehyde	6.596	77	999104	43.325	ng	98
10) Phenol	6.672	94	2066418	46.057	ng	96
11) bis(2-Chloroethyl)ether	6.878	93	1500174	43.445	ng	98
12) 1,3-Dichlorobenzene	7.337	146	1888719	44.576	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1918806	44.729	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1844302	44.692	ng	99
15) Benzyl Alcohol	7.678	79	1366188	46.356	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.960	45	1888644	42.065	ng	98
17) 2-Methylphenol	7.878	107	1417360	49.041	ng	99
18) Hexachloroethane	8.496	117	644931	46.148	ng	96
19) n-Nitroso-di-n-propyla...	8.237	70	1097879	41.924	ng	98
20) 3+4-Methylphenols	8.202	107	1925172	47.556	ng	98
22) Acetophenone	8.249	105	2383114	42.322	ng	# 98
24) Nitrobenzene	8.613	77	1638981	44.944	ng	95
25) Isophorone	9.143	82	3106777	46.435	ng	99
26) 2-Nitrophenol	9.313	139	939921	52.763	ng	97
27) 2,4-Dimethylphenol	9.390	122	1643549	65.852	ng	99
28) bis(2-Chloroethoxy)met...	9.625	93	1997066	43.960	ng	99
29) 2,4-Dichlorophenol	9.849	162	1717493	49.628	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1759162	45.902	ng	99
31) Naphthalene	10.243	128	5182334	42.270	ng	100
32) Benzoic acid	9.543	122	1289049	51.221	ng	97
33) 4-Chloroaniline	10.349	127	1038461	22.697	ng	98
34) Hexachlorobutadiene	10.543	225	1026447	46.672	ng	99
35) Caprolactam	11.143	113	537393	45.391	ng	94
36) 4-Chloro-3-methylphenol	11.501	107	1665252	46.046	ng	98
37) 2-Methylnaphthalene	11.872	142	3349313	38.718	ng	99
38) 1-Methylnaphthalene	12.084	142	3531714	41.862	ng	99
40) 1,2,4,5-Tetrachloroben...	12.260	216	1944208	44.938	ng	99
41) Hexachlorocyclopentadiene	12.243	237	2430394	215.065	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1391227	53.106	ng	98

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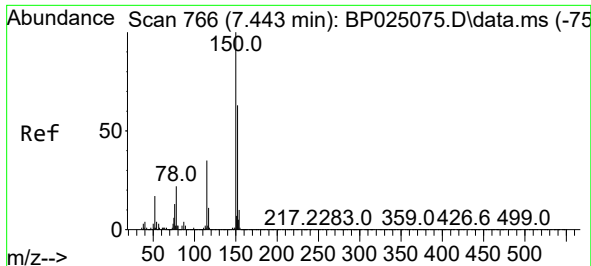
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1532573	51.621	ng	97
46) 1,1'-Biphenyl	12.919	154	4791436	43.746	ng	100
47) 2-Chloronaphthalene	12.948	162	3724693	45.245	ng	99
48) 2-Nitroaniline	13.148	65	962855	47.761	ng	96
49) Acenaphthylene	13.807	152	6130128	48.653	ng	100
50) Dimethylphthalate	13.560	163	4662478	44.246	ng	100
51) 2,6-Dinitrotoluene	13.672	165	1030912	50.162	ng	95
52) Acenaphthene	14.166	154	3459820	42.604	ng	99
53) 3-Nitroaniline	14.001	138	731919	33.232	ng	97
54) 2,4-Dinitrophenol	14.213	184	1238167	120.361	ng	# 89
55) Dibenzofuran	14.513	168	5588298	41.697	ng	99
56) 4-Nitrophenol	14.342	139	2033217	100.034	ng	94
57) 2,4-Dinitrotoluene	14.478	165	1473546	48.807	ng	92
58) Fluorene	15.178	166	4423171	42.669	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1350633	50.237	ng	95
60) Diethylphthalate	14.972	149	4649591	43.931	ng	98
61) 4-Chlorophenyl-phenyle...	15.184	204	2238377	43.632	ng	95
62) 4-Nitroaniline	15.189	138	1106760	47.923	ng	95
63) Azobenzene	15.484	77	3811190	40.439	ng	98
65) 4,6-Dinitro-2-methylph...	15.254	198	800336	58.153	ng	97
66) n-Nitrosodiphenylamine	15.407	169	4054993	47.927	ng	99
67) 4-Bromophenyl-phenylether	16.101	248	1515543	50.066	ng	99
68) Hexachlorobenzene	16.213	284	1827080	49.382	ng	98
69) Atrazine	16.395	200	1463517	59.030	ng	99
70) Pentachlorophenol	16.566	266	2512163	100.538	ng	99
71) Phenanthrene	16.966	178	6852958	43.380	ng	99
72) Anthracene	17.042	178	7161364	47.252	ng	100
73) Carbazole	17.331	167	6751488	45.562	ng	99
74) Di-n-butylphthalate	17.960	149	8027950	48.650	ng	99
75) Fluoranthene	19.066	202	8188178	44.343	ng	99
77) Benzidine	19.260	184	4202932	78.652	ng	98
78) Pyrene	19.442	202	8411953	44.887	ng	99
80) Butylbenzylphthalate	20.424	149	3693389	50.911	ng	98
81) Benzo(a)anthracene	21.336	228	8593126	46.865	ng	100
82) 3,3'-Dichlorobenzidine	21.266	252	2387316	43.250	ng	100
83) Chrysene	21.401	228	7852519	44.502	ng	99
84) Bis(2-ethylhexyl)phtha...	21.313	149	5368859	54.588	ng	99
85) Di-n-octyl phthalate	22.536	149	9377271	51.490	ng	97
87) Indeno(1,2,3-cd)pyrene	28.024	276	11202143m	50.111	ng	
88) Benzo(b)fluoranthene	23.501	252	9026669	44.195	ng	99
89) Benzo(k)fluoranthene	23.571	252	8796629	43.286	ng	99
90) Benzo(a)pyrene	24.336	252	8544493	49.153	ng	99
91) Dibenzo(a,h)anthracene	28.101	278	9223891	49.917	ng	98
92) Benzo(g,h,i)perylene	29.100	276	9081442	47.575	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.443 min Scan# 70
Delta R.T. -0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

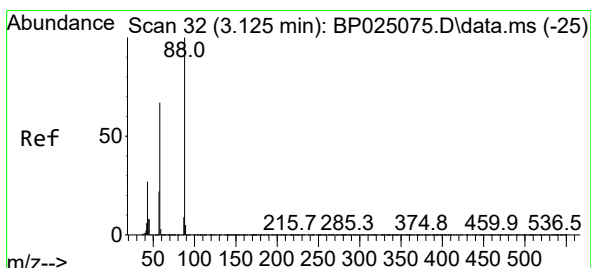
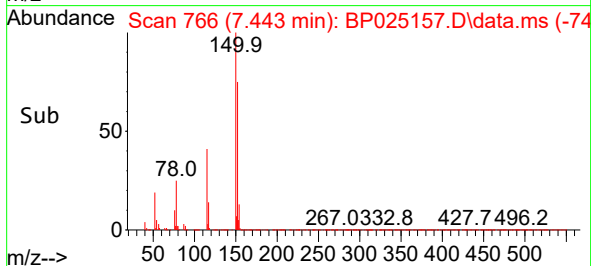
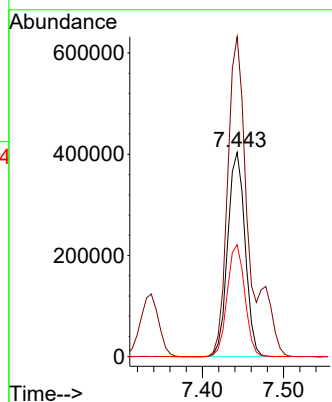
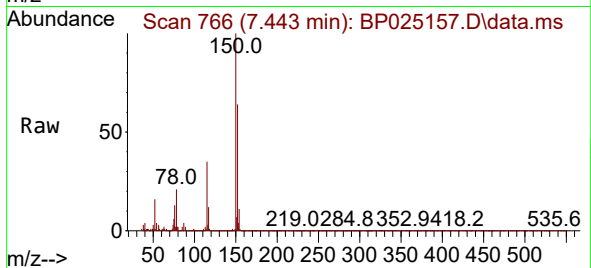
PB168832BS

Tgt Ion:152 Resp: 59954
Ion Ratio Lower Upper
152 100
150 156.6 126.1 189.1
115 54.8 44.3 66.5

Manual Integrations

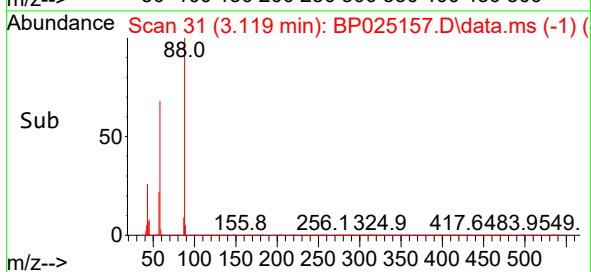
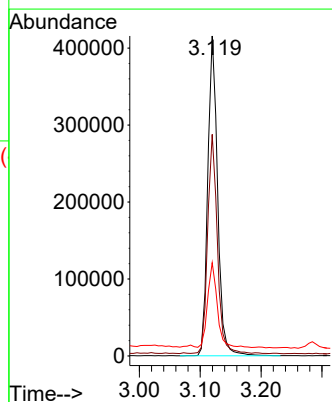
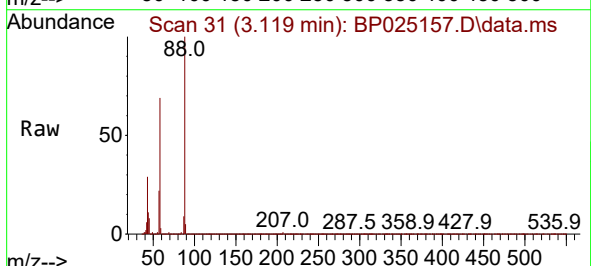
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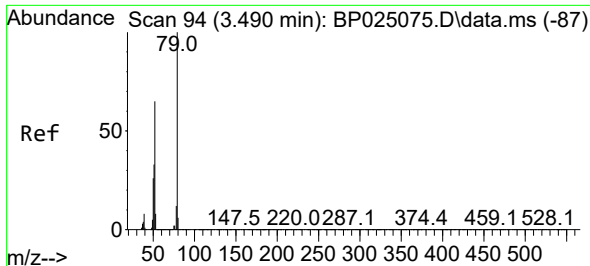
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#2
1,4-Dioxane
Concen: 35.491 ng
RT: 3.119 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

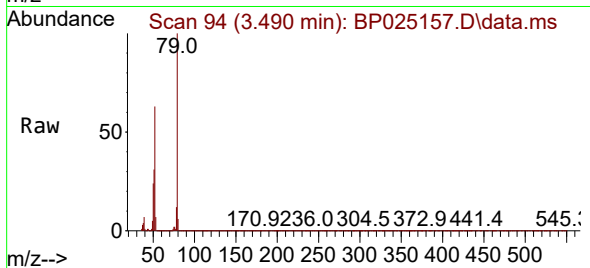
Tgt Ion: 88 Resp: 466985
Ion Ratio Lower Upper
88 100
58 66.9 55.0 82.4
43 26.0 21.9 32.9





#3
 Pyridine
 Concen: 36.560 ng
 RT: 3.490 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05

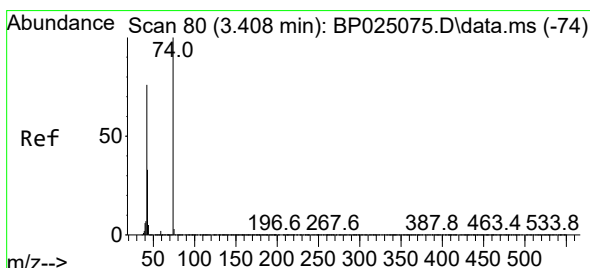
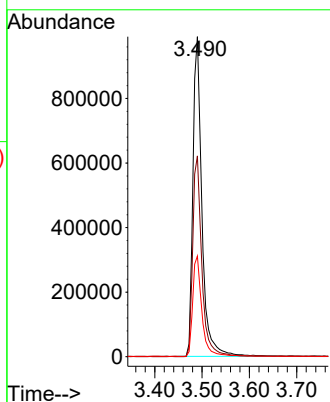
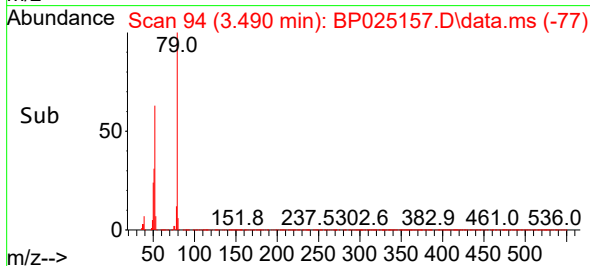
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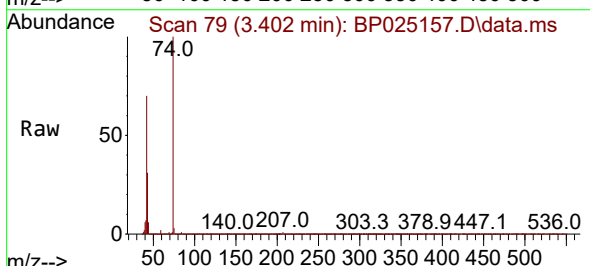
Tgt Ion: 79 Resp: 131699
 Ion Ratio Lower Upper
 79 100
 52 62.8 52.2 78.4
 51 31.4 26.8 40.2

Manual Integrations
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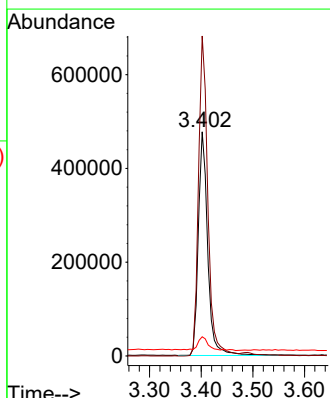
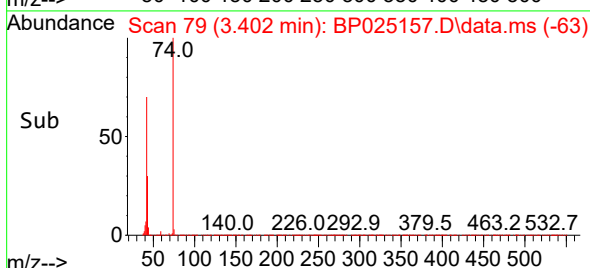
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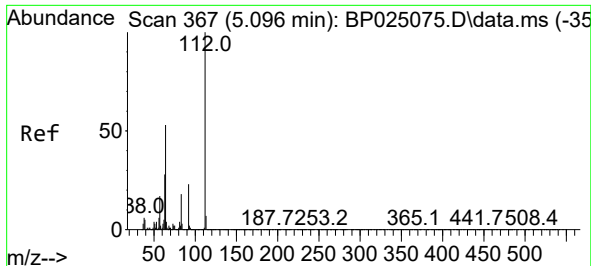


#4
 n-Nitrosodimethylamine
 Concen: 39.480 ng
 RT: 3.402 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05



Tgt Ion: 42 Resp: 602171
 Ion Ratio Lower Upper
 42 100
 74 142.8 105.2 157.8
 44 8.6 6.6 9.8





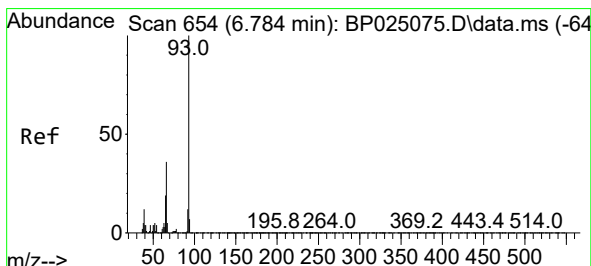
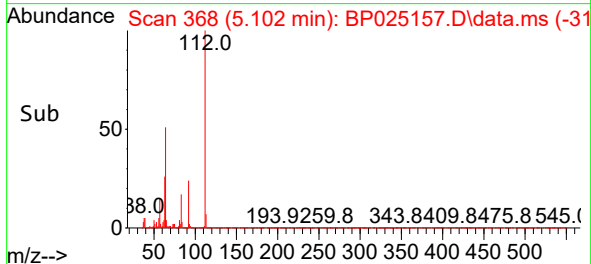
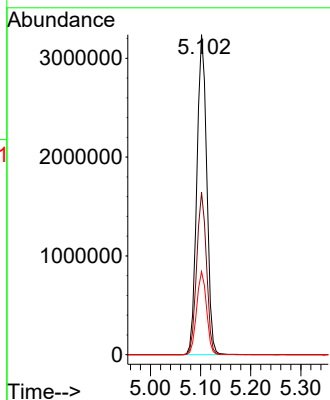
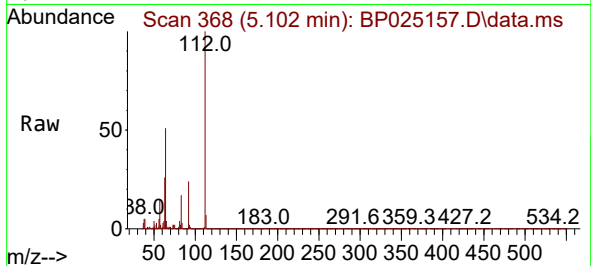
#5
2-Fluorophenol
Concen: 131.231 ng
RT: 5.102 min Scan# 30
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :
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ClientSampleId :
PB168832BS

Tgt Ion:112 Resp: 4440478
Ion Ratio Lower Upper
112 100
64 50.7 42.0 63.0
63 25.9 22.2 33.2

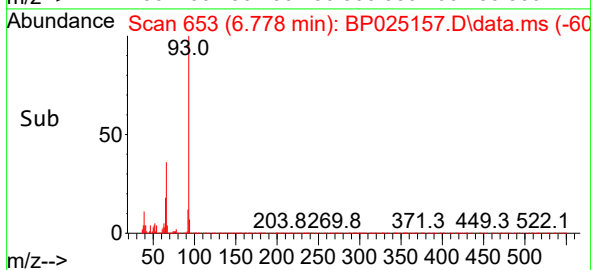
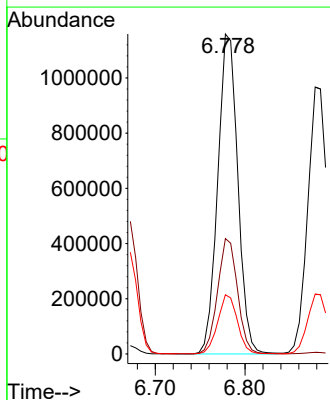
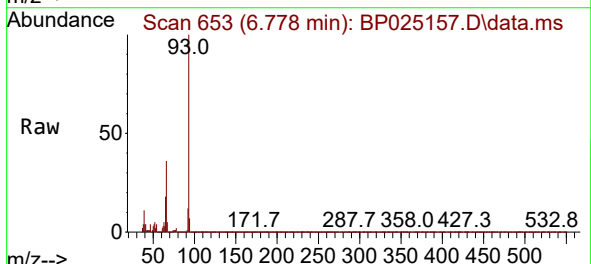
Manual Integrations
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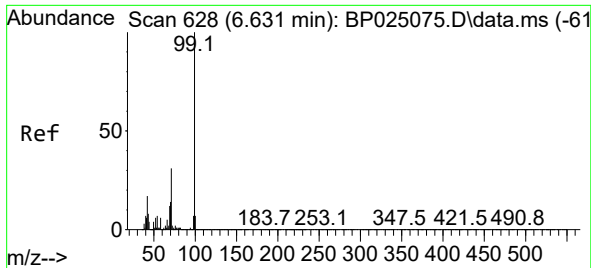
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#6
Aniline
Concen: 43.673 ng
RT: 6.778 min Scan# 653
Delta R.T. -0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

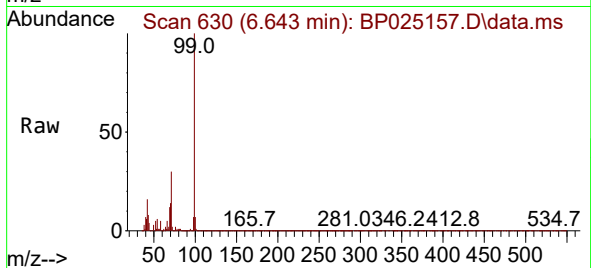
Tgt Ion: 93 Resp: 1801789
Ion Ratio Lower Upper
93 100
66 36.0 28.9 43.3
65 18.5 15.2 22.8





#7
Phenol-d6
Concen: 123.884 ng
RT: 6.643 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

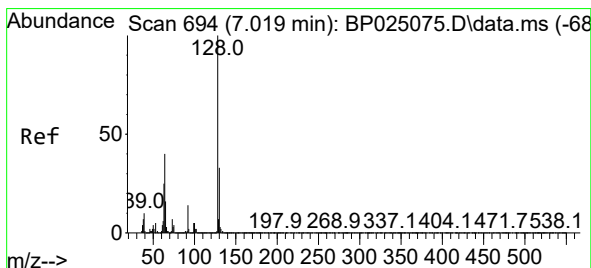
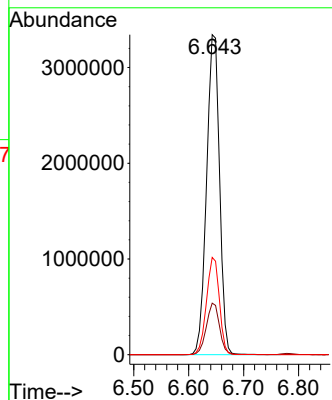
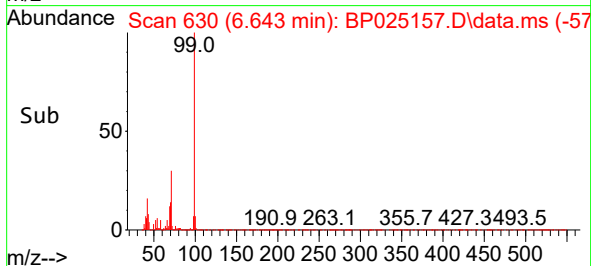
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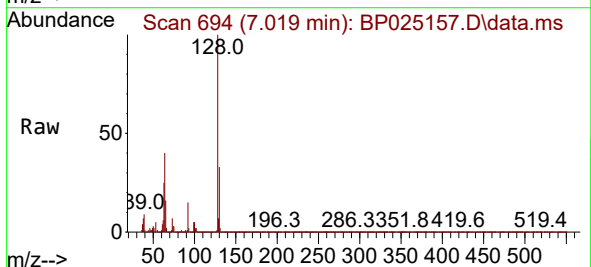
Tgt Ion: 99 Resp: 5470339
Ion Ratio Lower Upper
99 100
42 16.1 13.6 20.4
71 30.4 24.4 36.6

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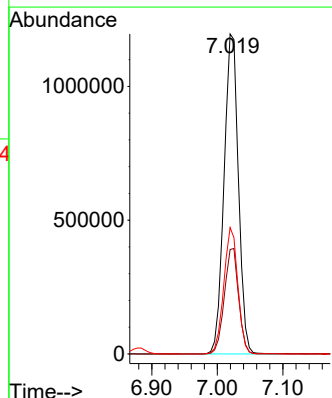
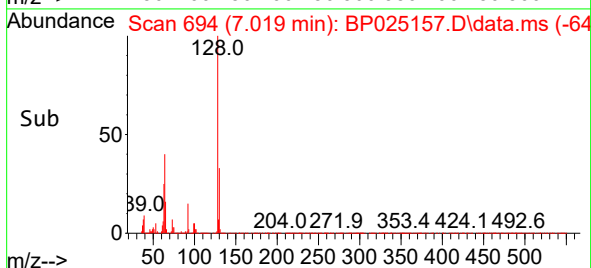
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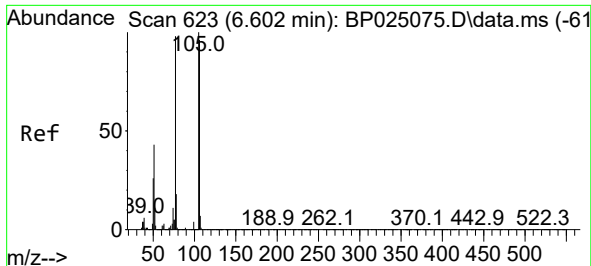


#8
2-Chlorophenol
Concen: 47.895 ng
RT: 7.019 min Scan# 694
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion:128 Resp: 1813260
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 39.5 20.3 60.3





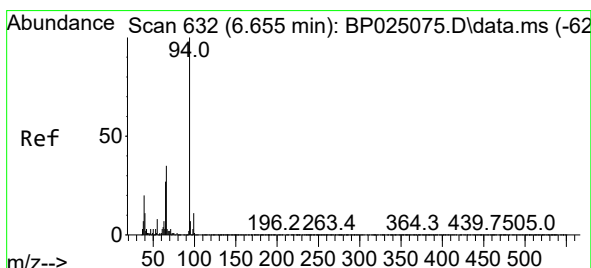
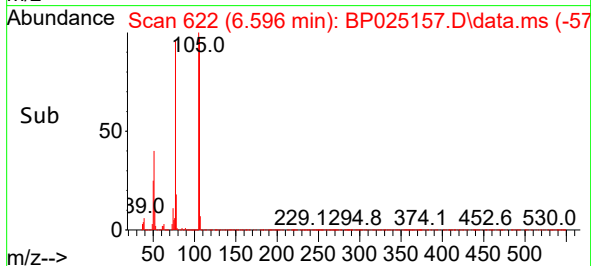
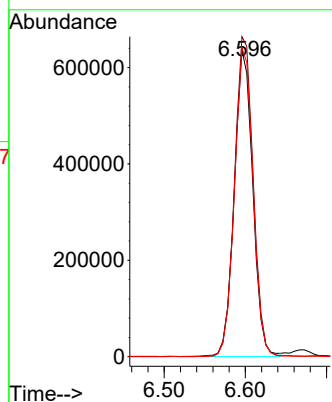
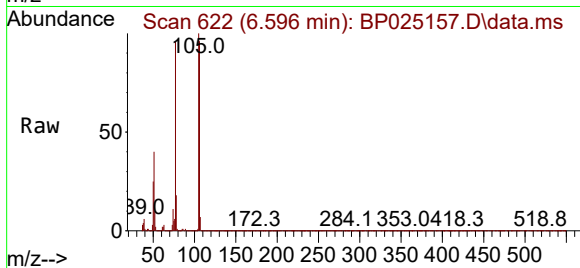
#9
Benzaldehyde
Concen: 43.325 ng
RT: 6.596 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
PB168832BS

Tgt Ion: 77 Resp: 999104
Ion Ratio Lower Upper
77 100
105 104.3 82.4 122.4
106 100.7 78.3 118.3

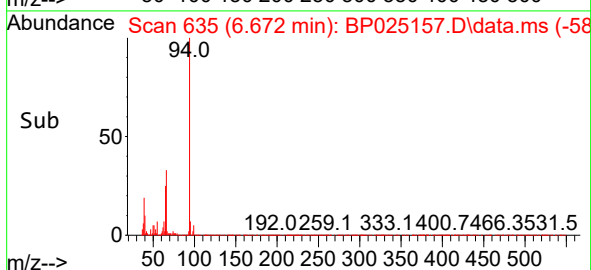
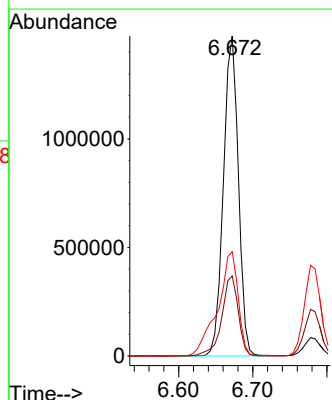
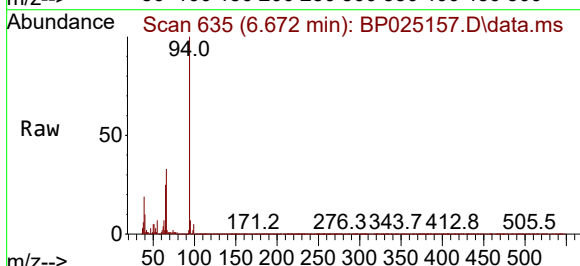
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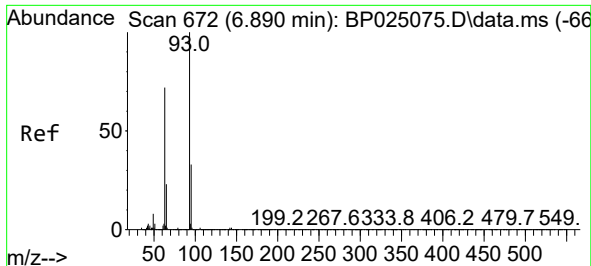
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#10
Phenol
Concen: 46.057 ng
RT: 6.672 min Scan# 635
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

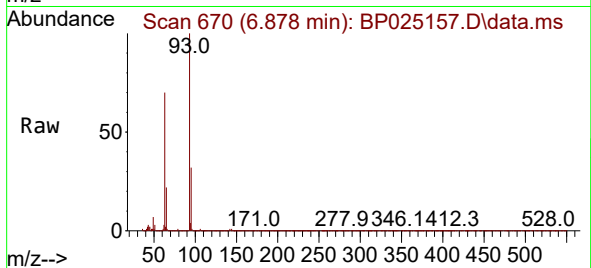
Tgt Ion: 94 Resp: 2066418
Ion Ratio Lower Upper
94 100
65 25.0 6.9 46.9
66 32.6 14.6 54.6





#11
bis(2-Chloroethyl)ether
Concen: 43.445 ng
RT: 6.878 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

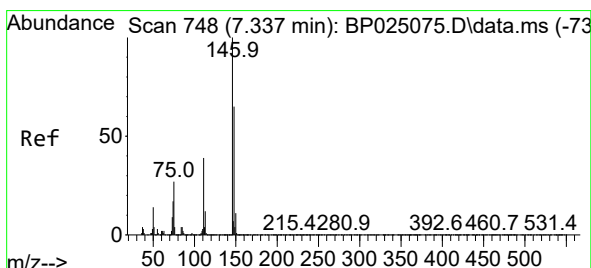
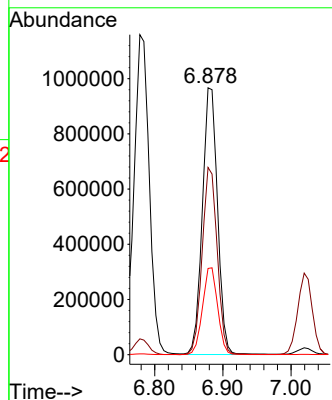
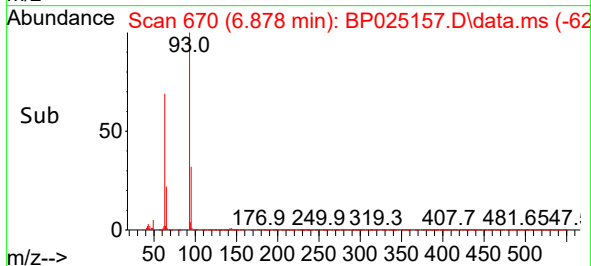
Instrument :
BNA_P
ClientSampleId :
PB168832BS



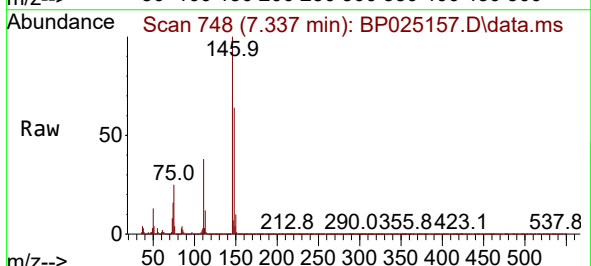
Tgt Ion: 93 Resp: 1500174
Ion Ratio Lower Upper
93 100
63 70.1 51.9 91.9
95 32.3 12.4 52.4

Manual Integrations
APPROVED

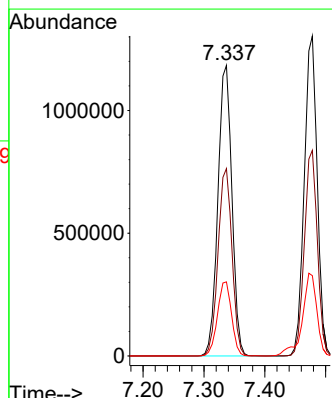
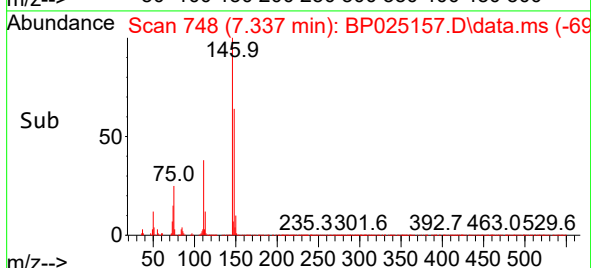
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

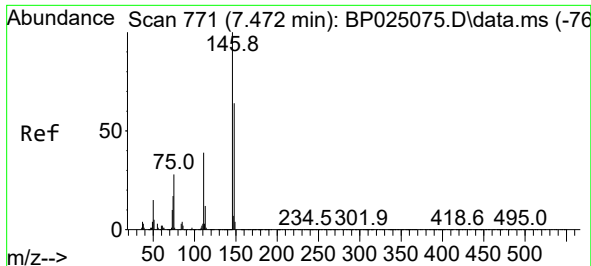


#12
1,3-Dichlorobenzene
Concen: 44.576 ng
RT: 7.337 min Scan# 748
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion:146 Resp: 1888719
Ion Ratio Lower Upper
146 100
148 64.5 51.9 77.9
75 25.5 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 44.729 ng

RT: 7.478 min Scan# 771

Delta R.T. 0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:146 Resp: 1918800

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

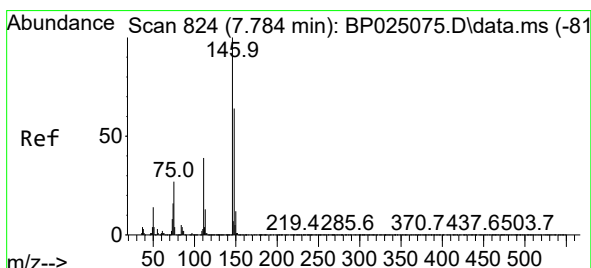
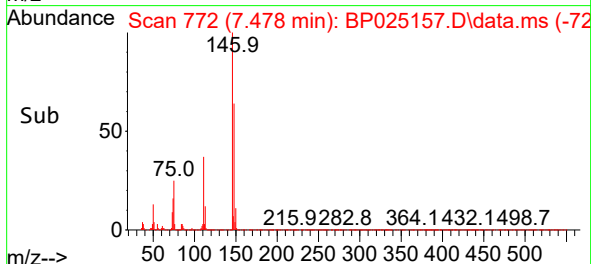
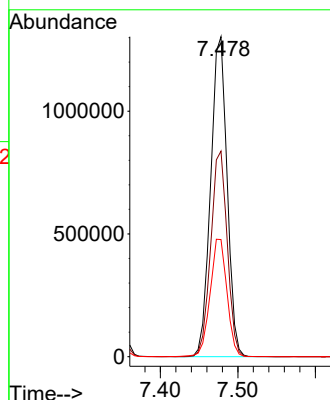
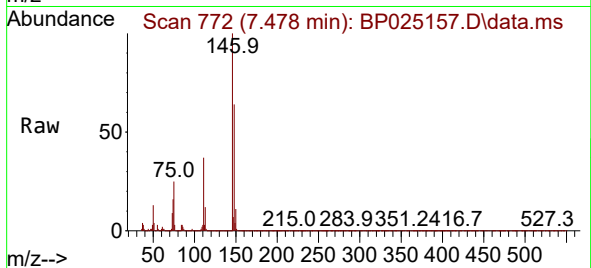
111 36.6 31.2 46.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#14

1,2-Dichlorobenzene

Concen: 44.692 ng

RT: 7.784 min Scan# 824

Delta R.T. 0.000 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

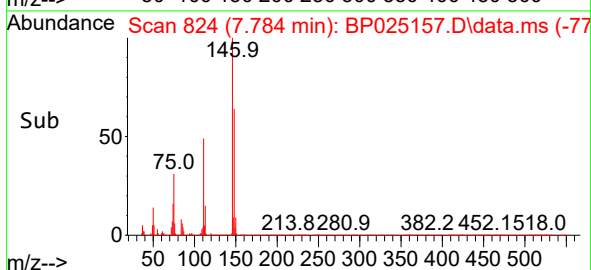
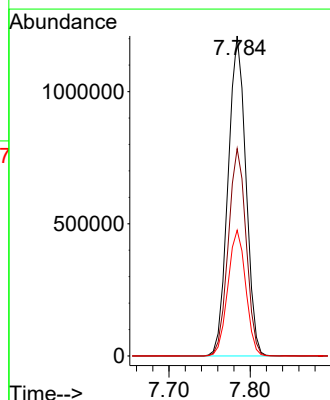
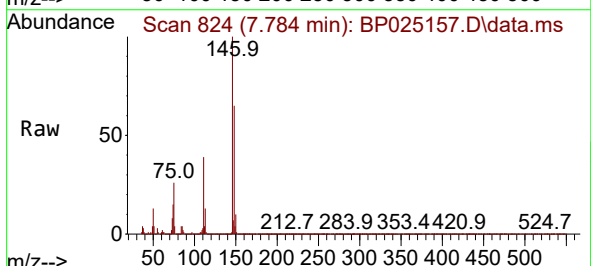
Tgt Ion:146 Resp: 1844302

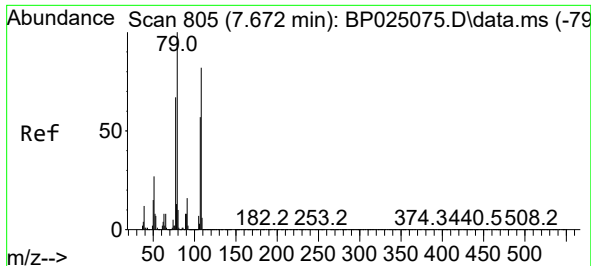
Ion Ratio Lower Upper

146 100

148 64.8 51.1 76.7

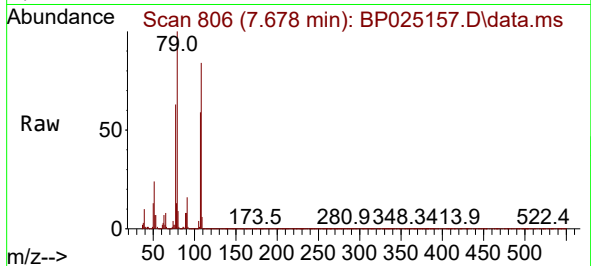
111 39.3 31.2 46.8





#15
Benzyl Alcohol
Concen: 46.356 ng
RT: 7.678 min Scan# 805
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

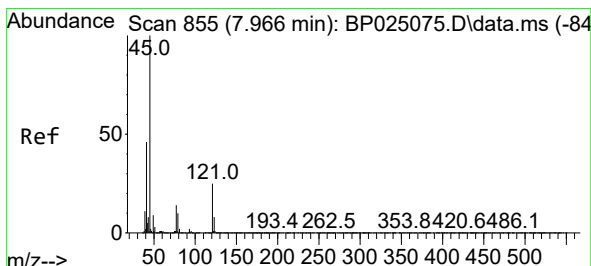
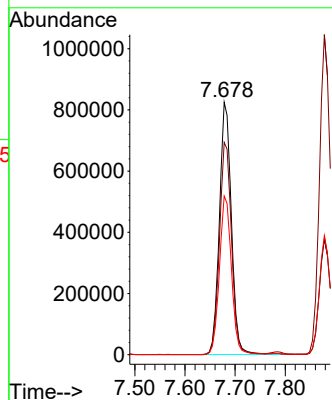
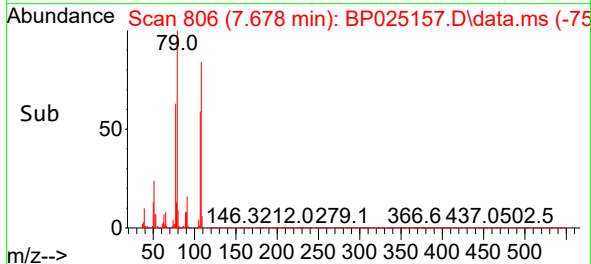
Instrument :
BNA_P
ClientSampleId :
PB168832BS



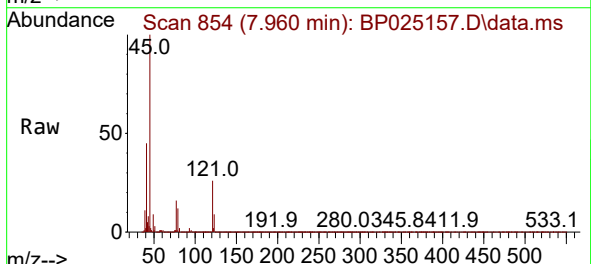
Tgt Ion: 79 Resp: 136618
Ion Ratio Lower Upper
79 100
108 84.1 66.0 99.0
77 62.9 53.4 80.2

Manual Integrations
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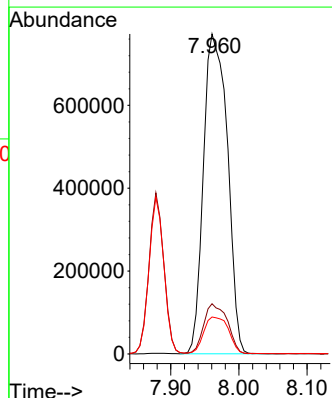
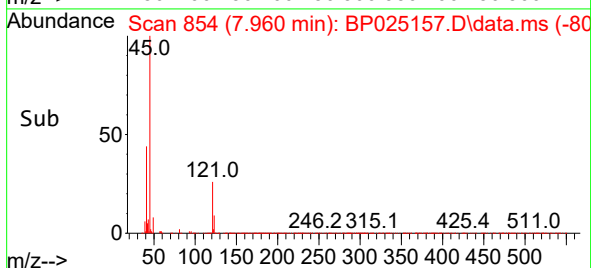
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

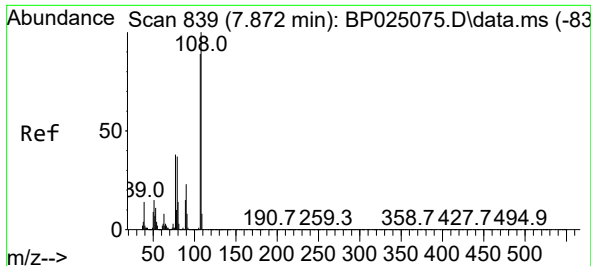


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.065 ng
RT: 7.960 min Scan# 854
Delta R.T. -0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion: 45 Resp: 1888644
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.8
79 11.6 0.0 30.7





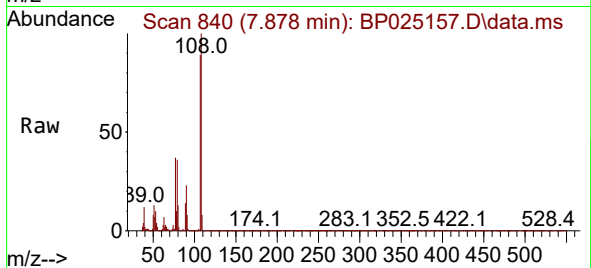
#17
2-Methylphenol
Concen: 49.041 ng
RT: 7.878 min Scan# 840
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



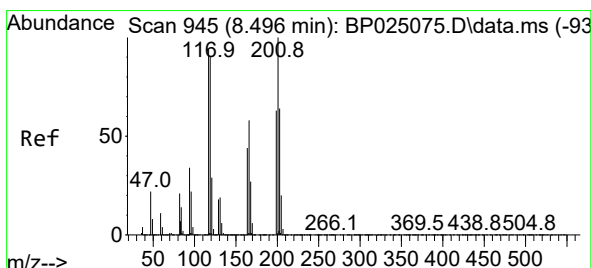
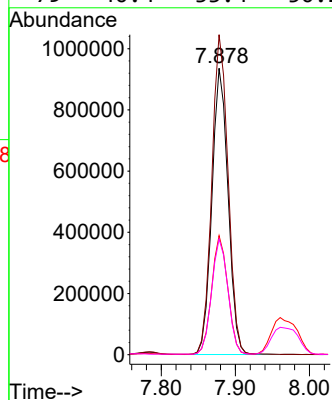
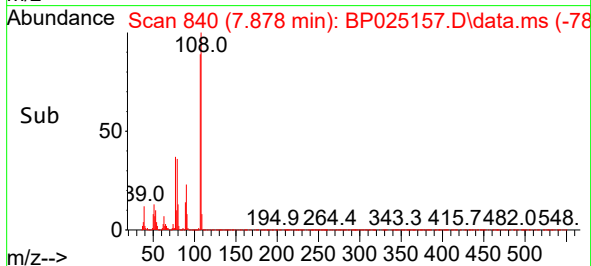
Tgt Ion:107 Resp: 1417360
Ion Ratio Lower Upper
107 100
108 111.8 89.7 134.5
77 41.6 34.2 51.4
79 40.4 33.4 50.2

Manual Integrations

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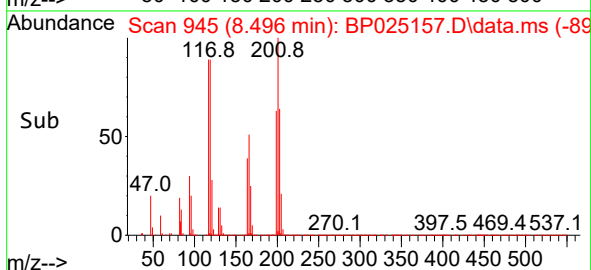
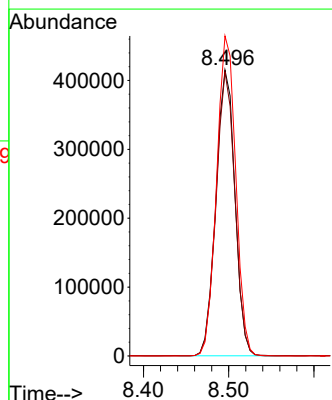
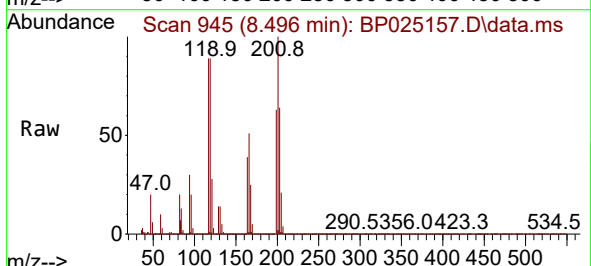
Reviewed By :Rahul Chavli 07/17/2025

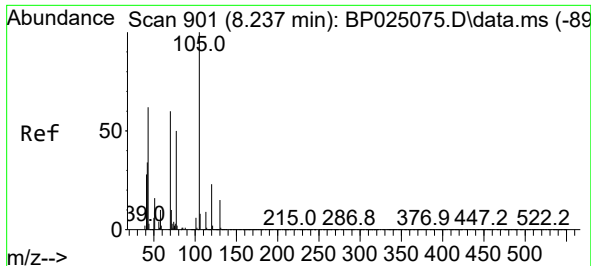
Supervised By :Jagrut Upadhyay 07/17/2025



#18
Hexachloroethane
Concen: 46.148 ng
RT: 8.496 min Scan# 945
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

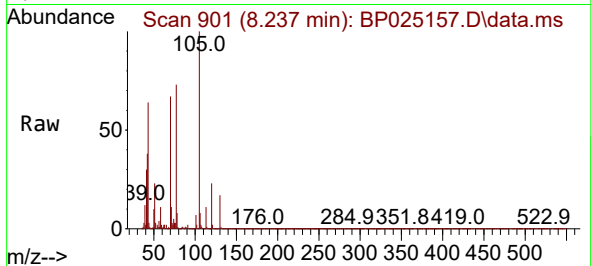
Tgt Ion:117 Resp: 644931
Ion Ratio Lower Upper
117 100
119 99.4 76.6 115.0
201 112.0 85.4 128.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.924 ng
RT: 8.237 min Scan# 901
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

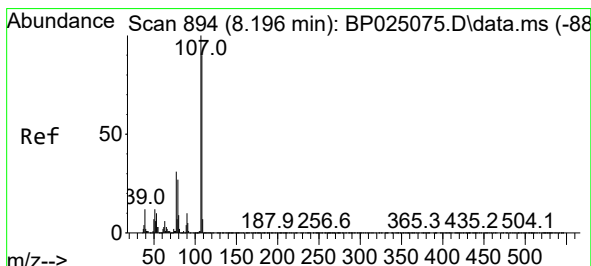
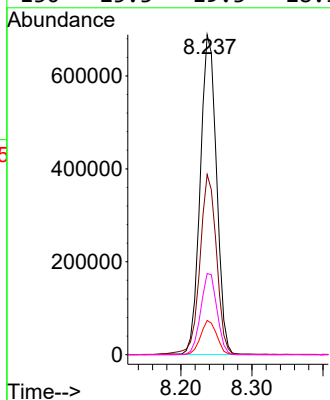
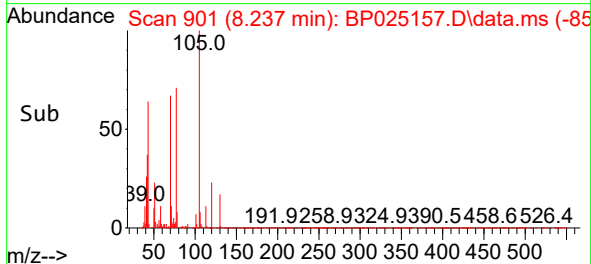
Instrument :
BNA_P
ClientSampleId :
PB168832BS



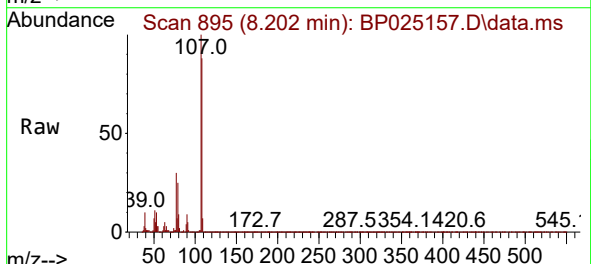
Tgt Ion: 70 Resp: 1097879
Ion Ratio Lower Upper
70 100
42 56.3 46.5 69.7
101 10.7 7.9 11.9
130 25.3 19.3 28.9

Manual Integrations
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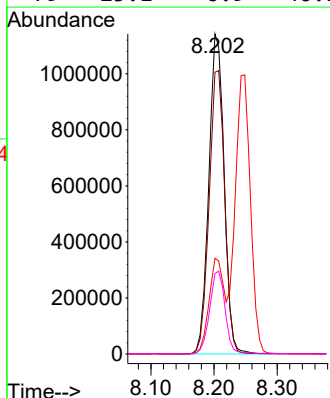
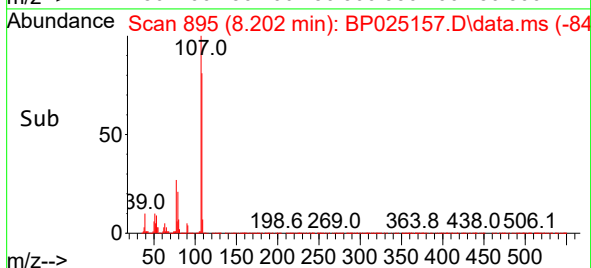
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

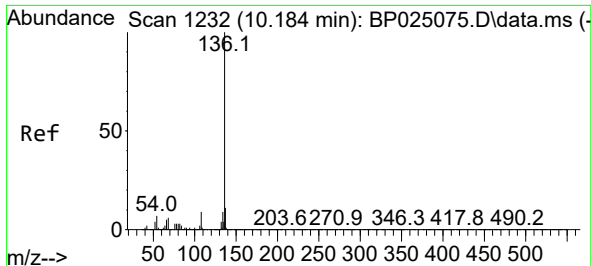


#20
3+4-Methylphenols
Concen: 47.556 ng
RT: 8.202 min Scan# 895
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



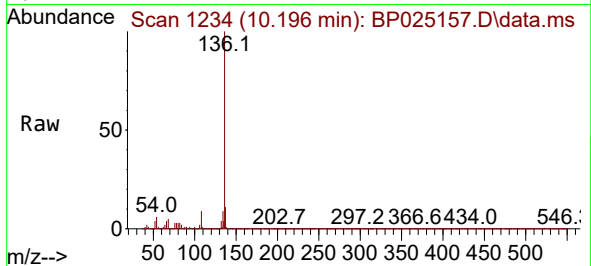
Tgt Ion:107 Resp: 1925172
Ion Ratio Lower Upper
107 100
108 88.0 69.5 109.5
77 29.9 11.4 51.4
79 25.1 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.196 min Scan# 1234
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

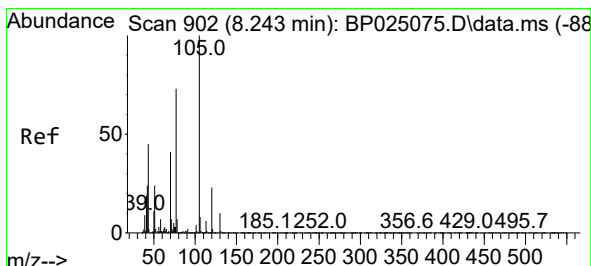
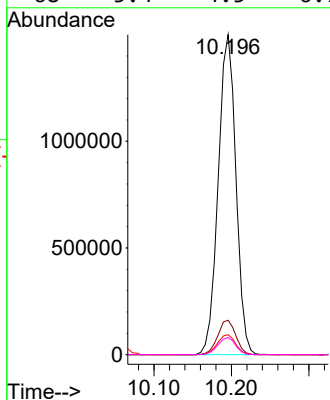
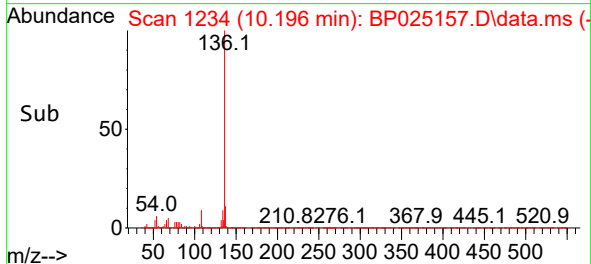
Instrument :
BNA_P
ClientSampleId :
PB168832BS



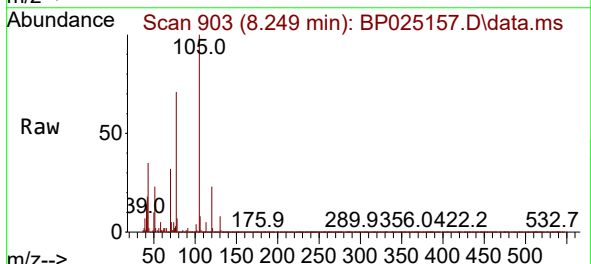
Tgt Ion:136 Resp: 2380990
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 6.2 5.4 8.2
68 5.4 4.5 6.7

Manual Integrations
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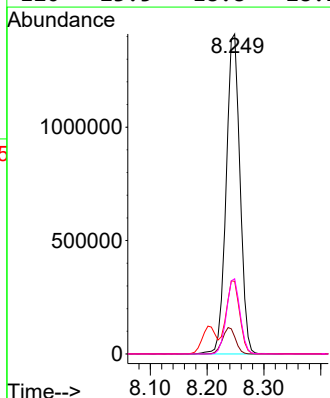
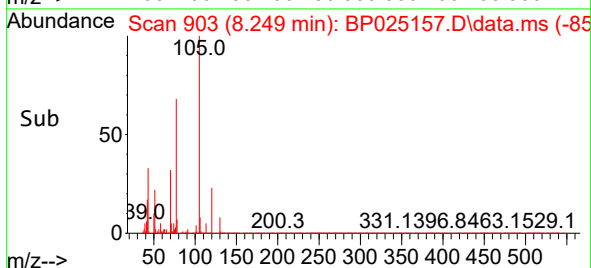
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

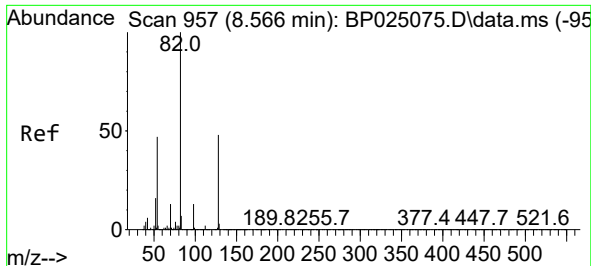


#22
Acetophenone
Concen: 42.322 ng
RT: 8.249 min Scan# 903
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



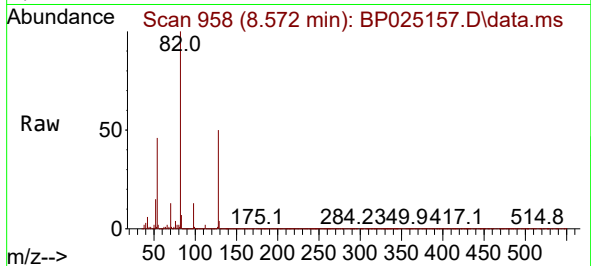
Tgt Ion:105 Resp: 2383114
Ion Ratio Lower Upper
105 100
71 5.3 5.4 8.2#
51 22.7 19.6 29.4
120 23.5 18.8 28.2





#23
Nitrobenzene-d5
Concen: 89.575 ng
RT: 8.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

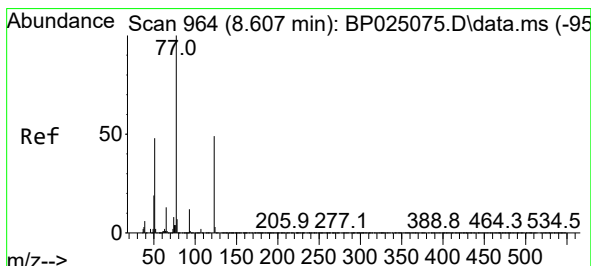
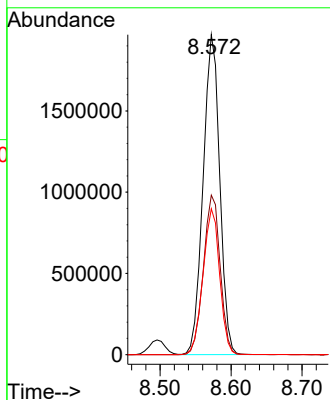
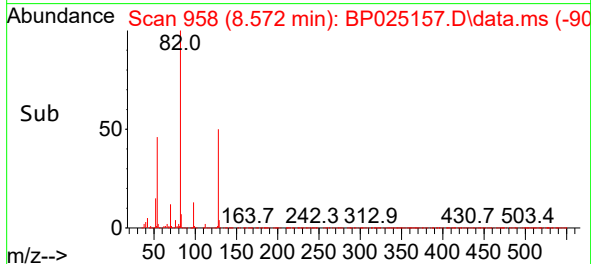
Instrument :
BNA_P
ClientSampleId :
PB168832BS



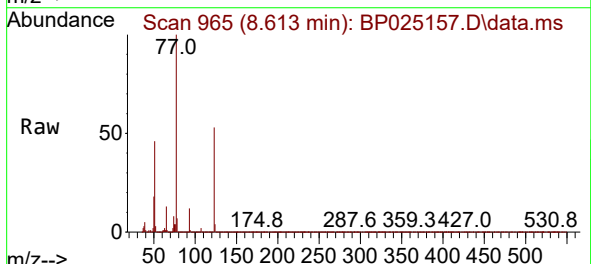
Tgt Ion: 82 Resp: 3206940
Ion Ratio Lower Upper
82 100
128 49.9 38.4 57.6
54 45.6 37.8 56.6

Manual Integrations
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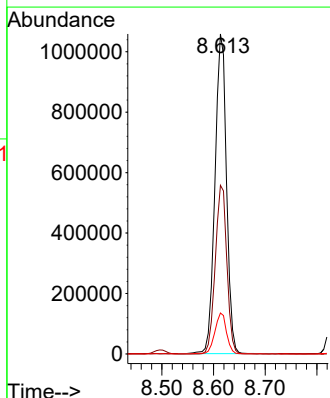
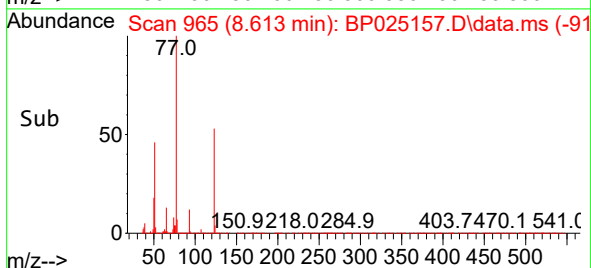
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

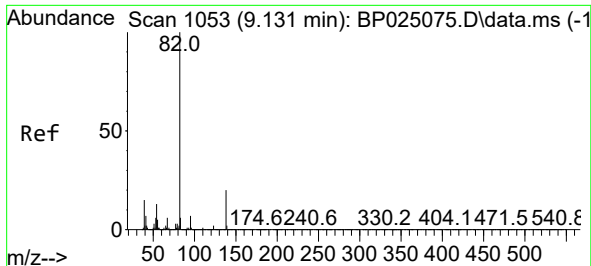


#24
Nitrobenzene
Concen: 44.944 ng
RT: 8.613 min Scan# 965
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion: 77 Resp: 1638981
Ion Ratio Lower Upper
77 100
123 52.7 39.0 58.6
65 12.8 10.7 16.1





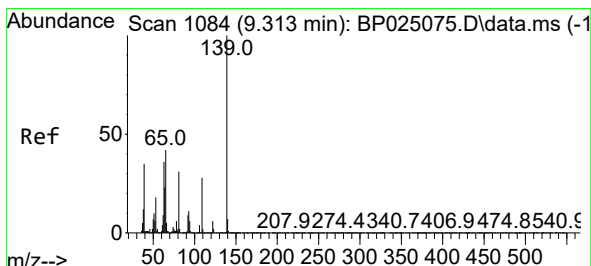
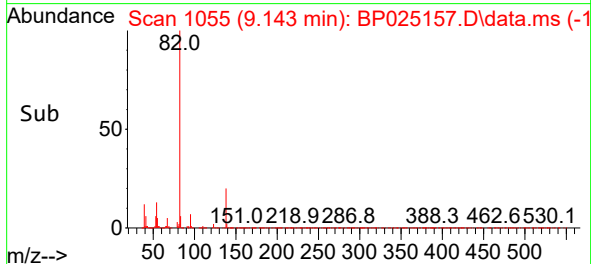
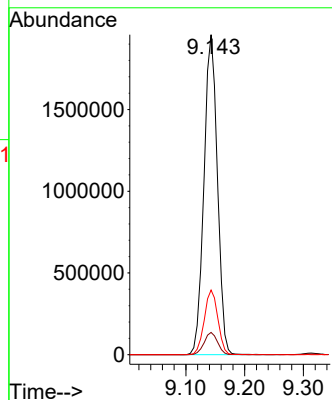
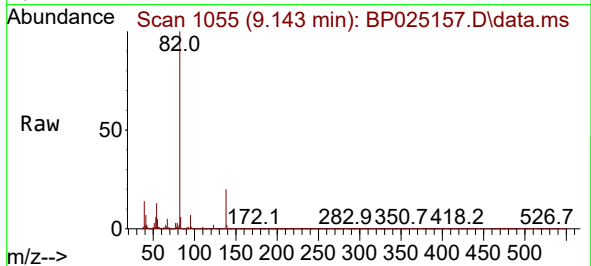
#25
Isophorone
Concen: 46.435 ng
RT: 9.143 min Scan# 1055
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :
BNA_P
ClientSampleId :
PB168832BS

Tgt Ion: 82 Resp: 310677
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.6
138 20.2 15.7 23.5

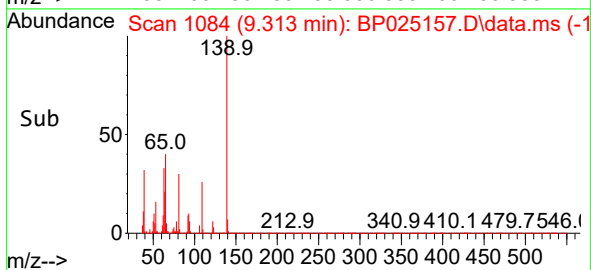
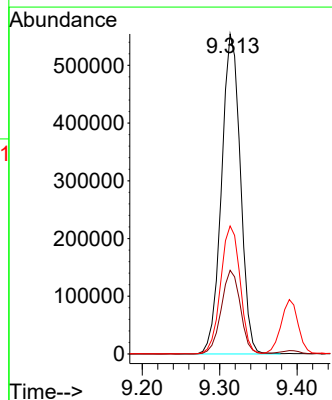
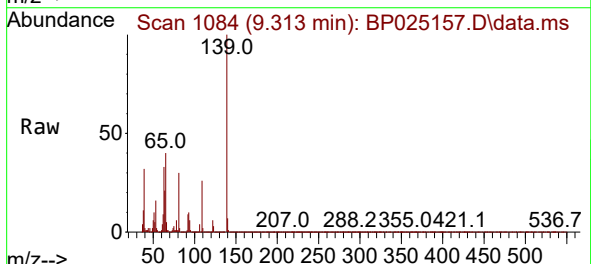
Manual Integrations
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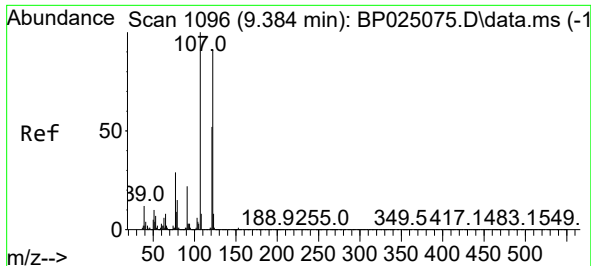
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#26
2-Nitrophenol
Concen: 52.763 ng
RT: 9.313 min Scan# 1084
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:139 Resp: 939921
Ion Ratio Lower Upper
139 100
109 26.2 22.3 33.5
65 40.0 33.8 50.8





#27

2,4-Dimethylphenol

Concen: 65.852 ng

RT: 9.390 min Scan# 1096

Delta R.T. 0.006 min

Lab File: BP025157.D

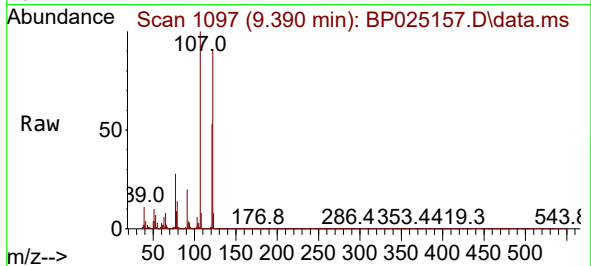
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



Tgt Ion:122 Resp: 1643549

Ion Ratio Lower Upper

122 100

107 110.1 88.2 132.2

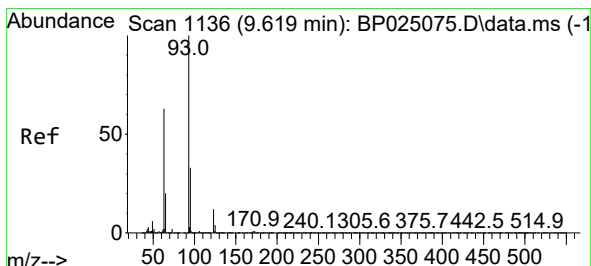
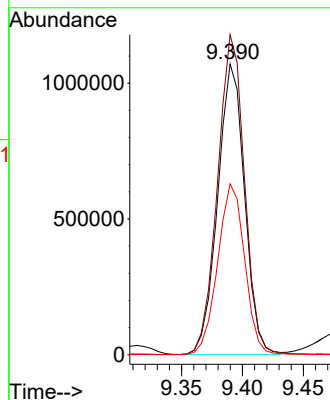
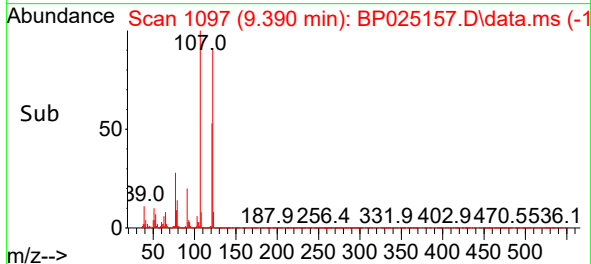
121 58.8 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.960 ng

RT: 9.625 min Scan# 1137

Delta R.T. 0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

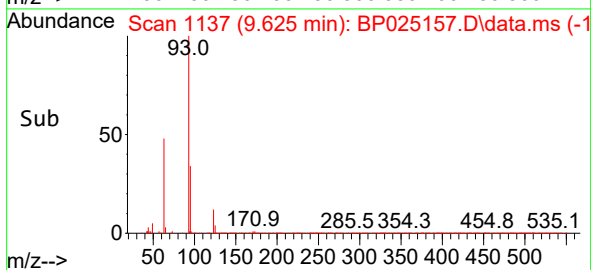
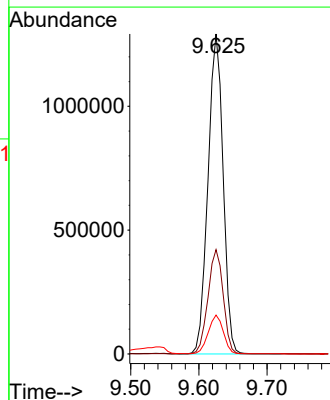
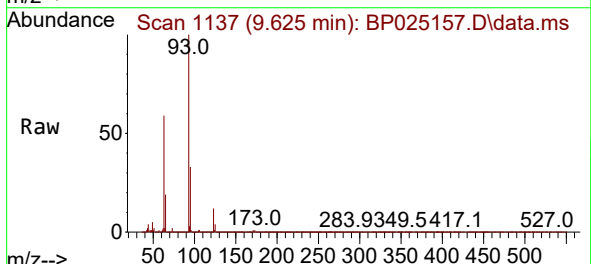
Tgt Ion: 93 Resp: 1997066

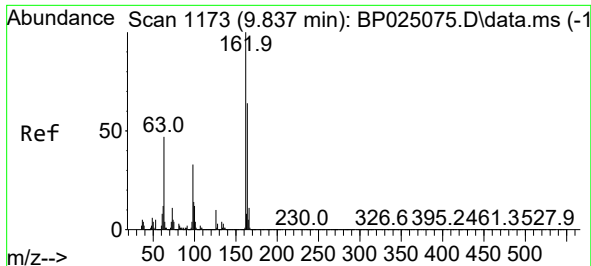
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 10.1 15.1





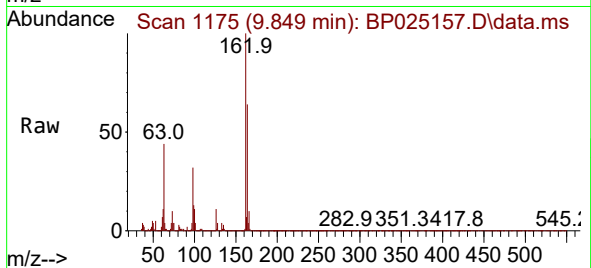
#29
2,4-Dichlorophenol
Concen: 49.628 ng
RT: 9.849 min Scan# 1173
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



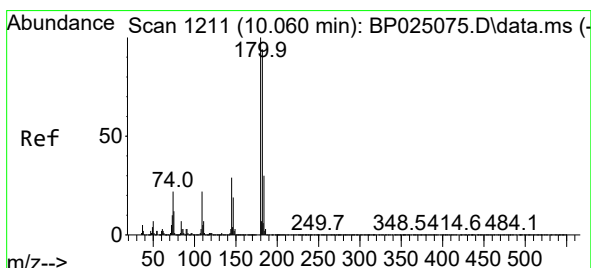
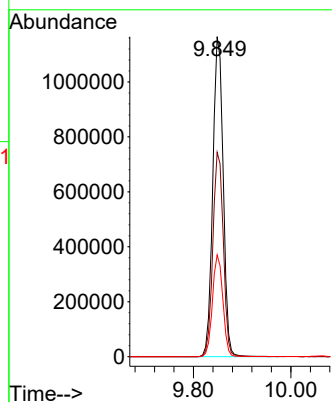
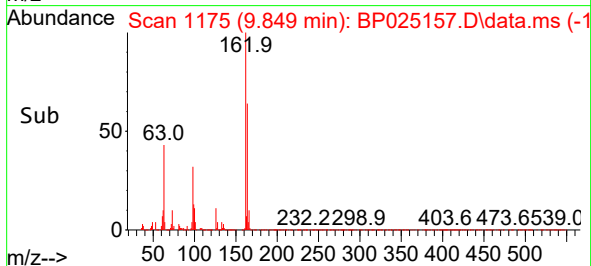
Tgt Ion:162 Resp: 171749
Ion Ratio Lower Upper
162 100
164 63.9 44.1 84.1
98 31.8 13.1 53.1

Manual Integrations

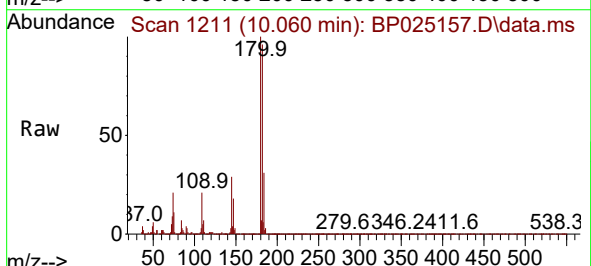
APPROVED

Reviewed By :Rahul Chavli 07/17/2025

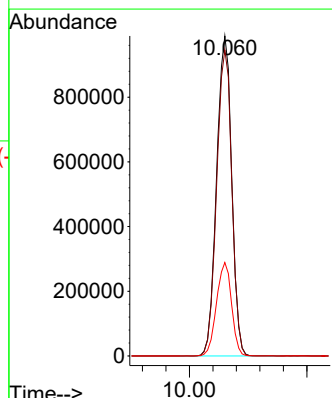
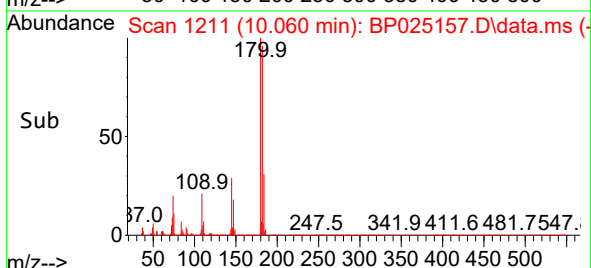
Supervised By :Jagrut Upadhyay 07/17/2025

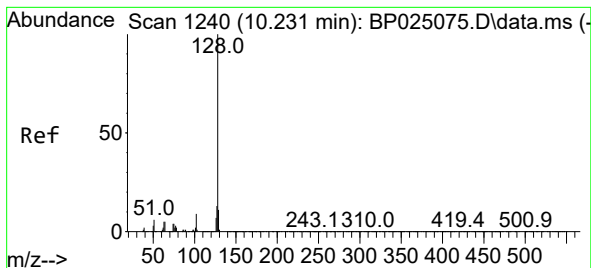


#30
1,2,4-Trichlorobenzene
Concen: 45.902 ng
RT: 10.060 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



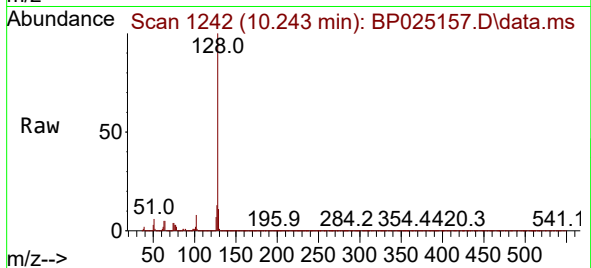
Tgt Ion:180 Resp: 1759162
Ion Ratio Lower Upper
180 100
182 95.6 75.1 112.7
145 29.2 23.3 34.9





#31
Naphthalene
Concen: 42.270 ng
RT: 10.243 min Scan# 1123
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

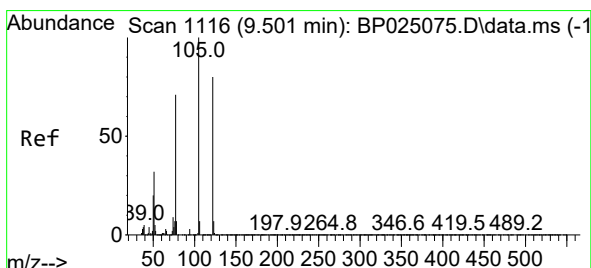
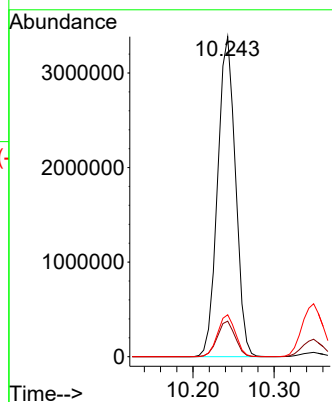
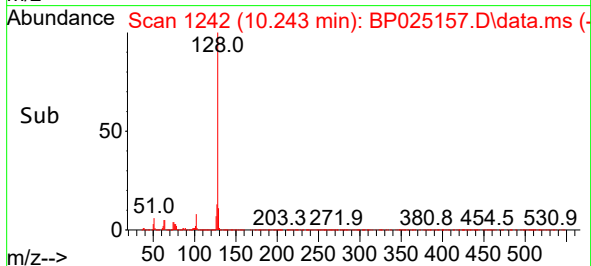
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:128 Resp: 5182334
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.4 15.6

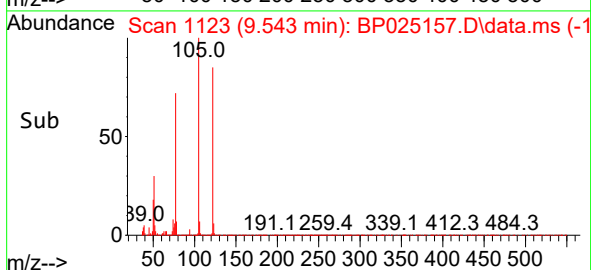
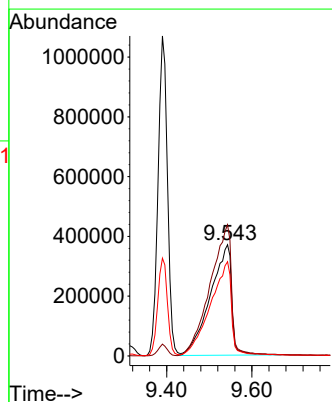
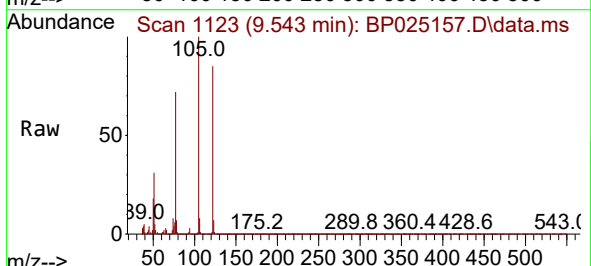
Manual Integrations
APPROVED

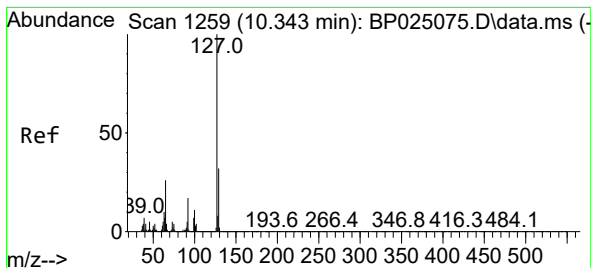
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#32
Benzoic acid
Concen: 51.221 ng
RT: 9.543 min Scan# 1123
Delta R.T. 0.042 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:122 Resp: 1289049
Ion Ratio Lower Upper
122 100
105 117.9 101.0 141.0
77 84.7 67.6 107.6





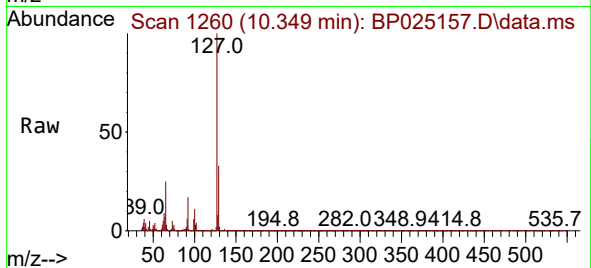
#33
4-Chloroaniline
Concen: 22.697 ng
RT: 10.349 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



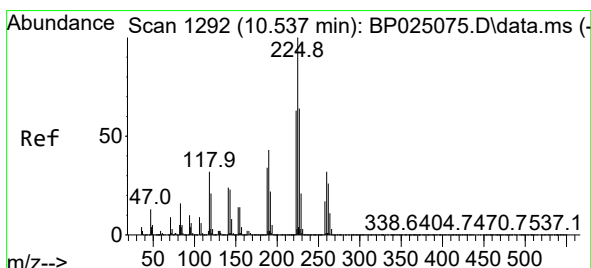
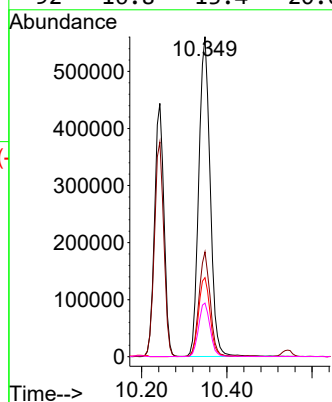
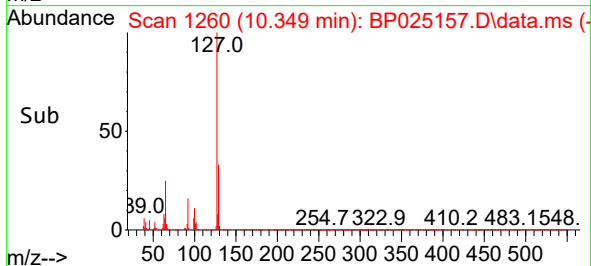
Tgt Ion:127 Resp: 103846
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2
65 24.7 21.0 31.6
92 16.8 13.4 20.0

Manual Integrations

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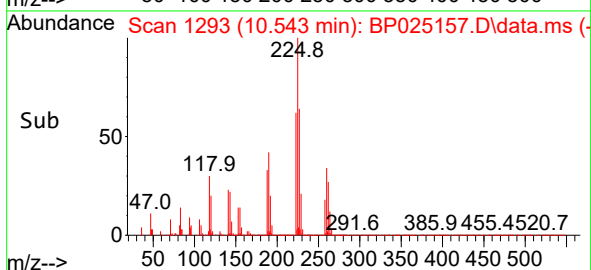
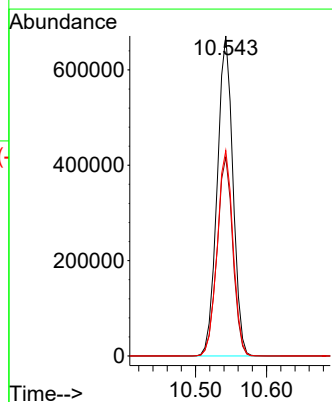
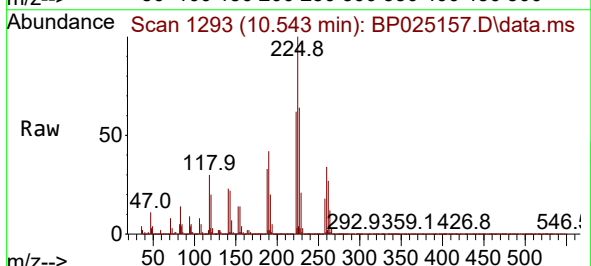
Reviewed By :Rahul Chavli 07/17/2025

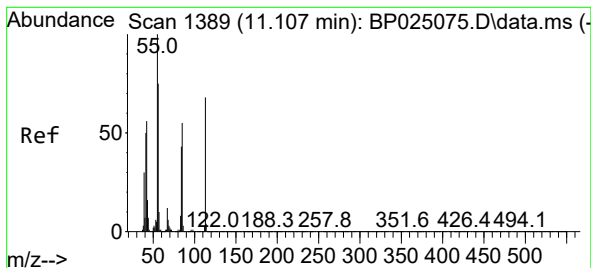
Supervised By :Jagrut Upadhyay 07/17/2025



#34
Hexachlorobutadiene
Concen: 46.672 ng
RT: 10.543 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

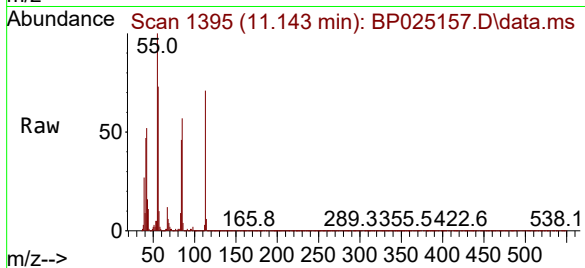
Tgt Ion:225 Resp: 1026447
Ion Ratio Lower Upper
225 100
223 62.1 50.3 75.5
227 64.2 51.3 76.9





#35
Caprolactam
Concen: 45.391 ng
RT: 11.143 min Scan# 111
Delta R.T. 0.035 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

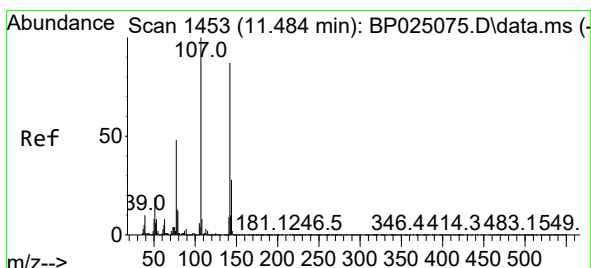
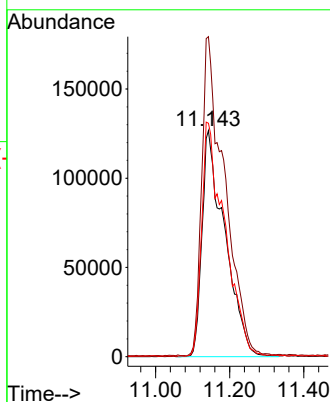
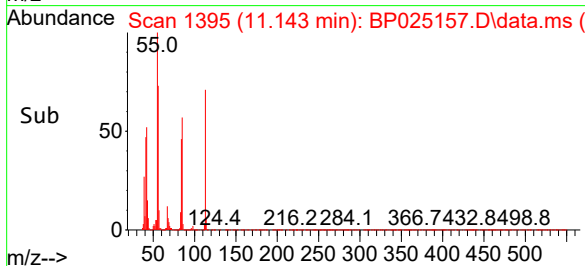
Instrument :
BNA_P
ClientSampleId :
PB168832BS



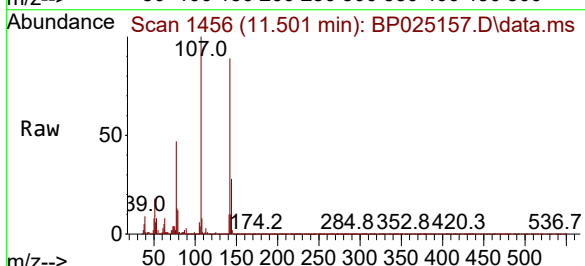
Tgt Ion:113 Resp: 53739
Ion Ratio Lower Upper
113 100
55 141.6 128.1 168.1
56 103.3 90.7 130.7

Manual Integrations
APPROVED

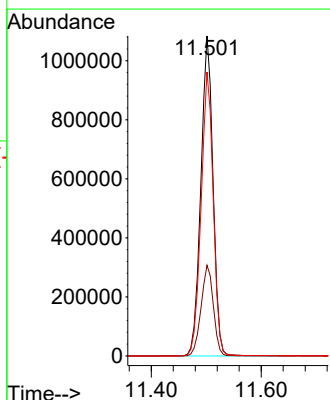
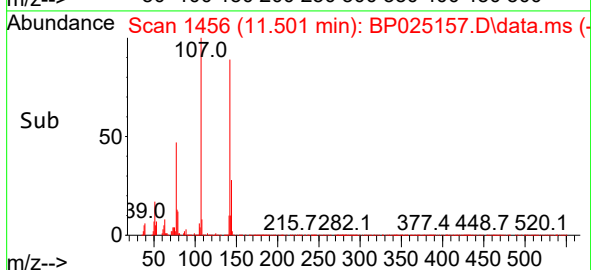
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

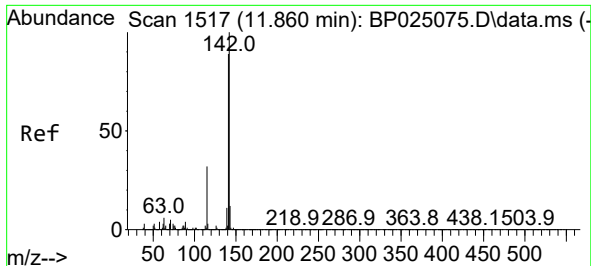


#36
4-Chloro-3-methylphenol
Concen: 46.046 ng
RT: 11.501 min Scan# 1456
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



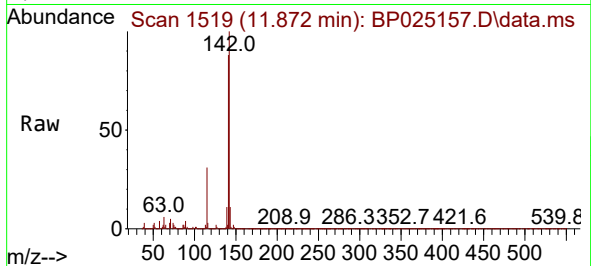
Tgt Ion:107 Resp: 1665252
Ion Ratio Lower Upper
107 100
144 28.3 22.4 33.6
142 88.8 69.6 104.4





#37
2-Methylnaphthalene
Concen: 38.718 ng
RT: 11.872 min Scan# 1519
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

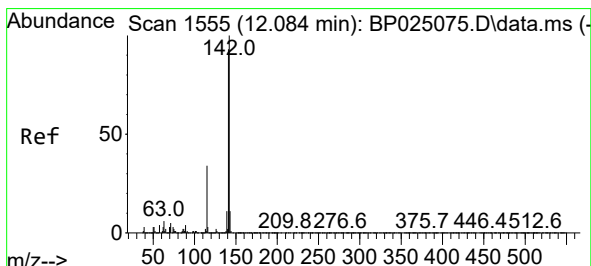
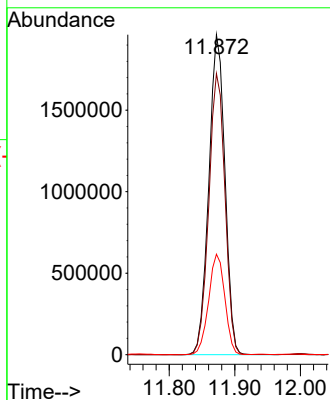
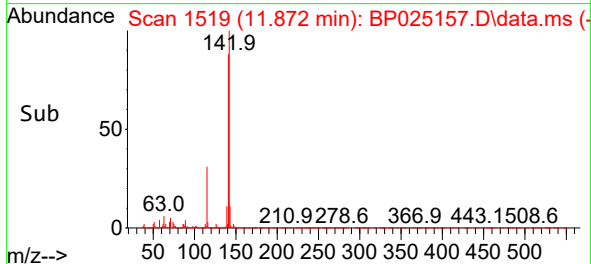
Instrument :
BNA_P
ClientSampleId :
PB168832BS



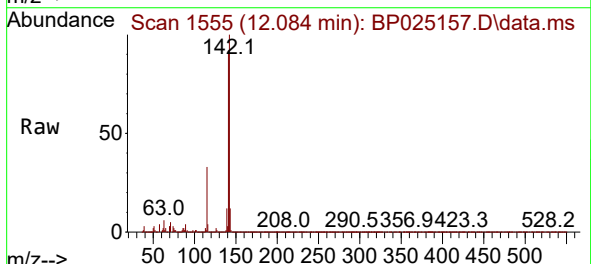
Tgt Ion:142 Resp: 334931
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8
115 31.4 25.9 38.9

Manual Integrations
APPROVED

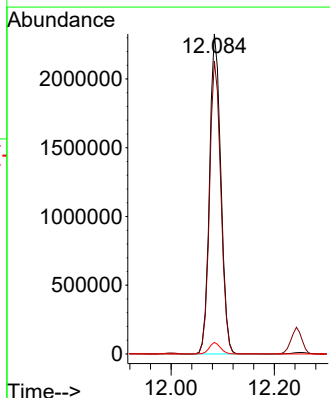
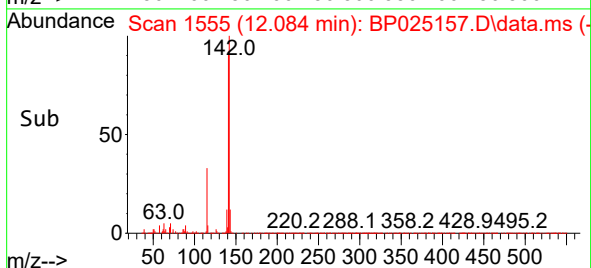
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

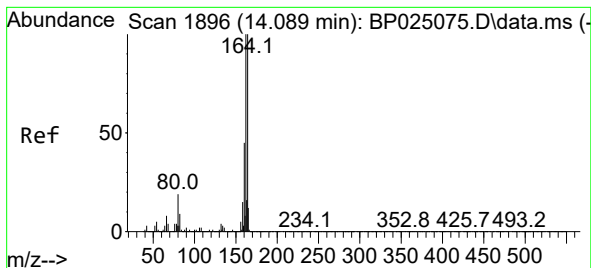


#38
1-Methylnaphthalene
Concen: 41.862 ng
RT: 12.084 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion:142 Resp: 3531714
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1
116 3.6 2.7 4.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.101 min Scan# 1896

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:164 Resp: 1505370

Ion Ratio Lower Upper

164 100

162 101.2 80.3 120.5

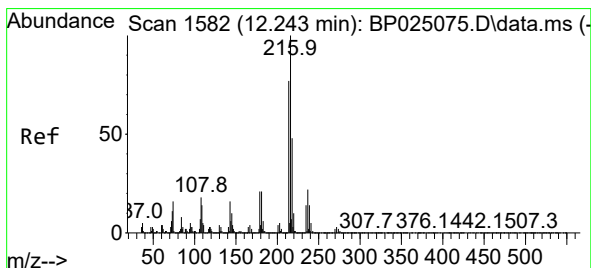
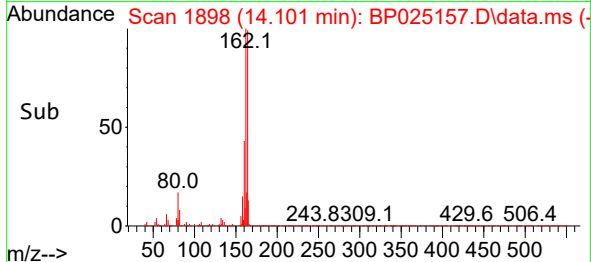
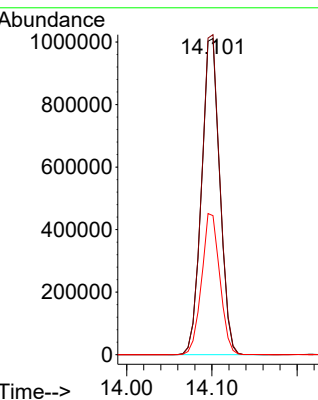
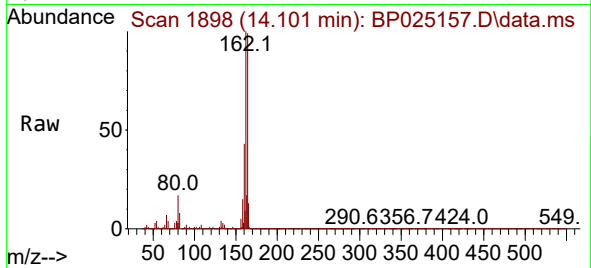
160 44.0 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.938 ng

RT: 12.260 min Scan# 1585

Delta R.T. 0.018 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Tgt Ion:216 Resp: 1944208

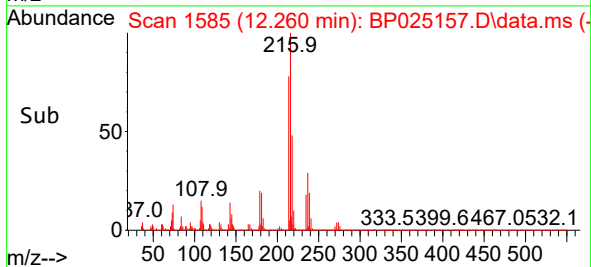
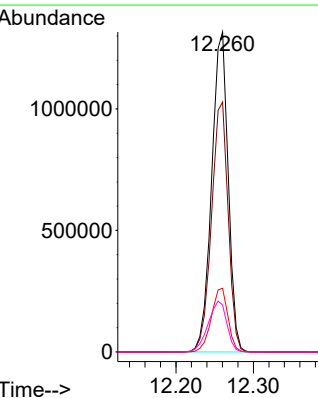
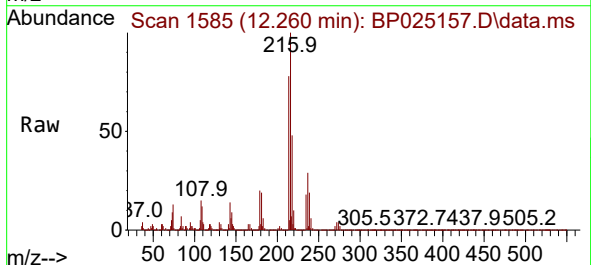
Ion Ratio Lower Upper

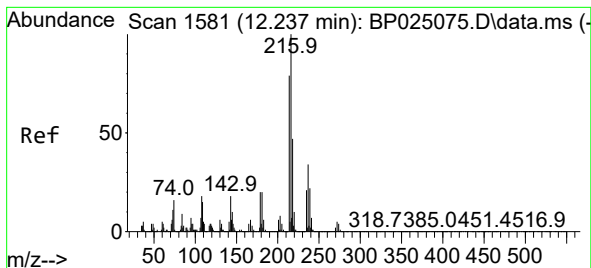
216 100

214 78.8 62.4 93.6

179 20.1 16.5 24.7

108 18.1 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 215.065 ng

RT: 12.243 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:237 Resp: 2430394

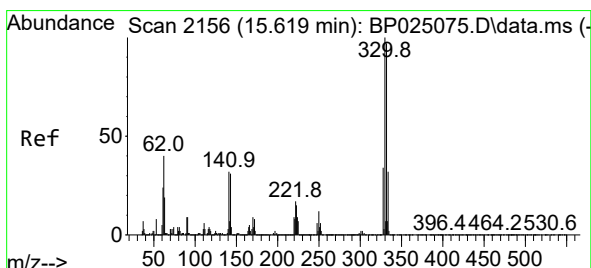
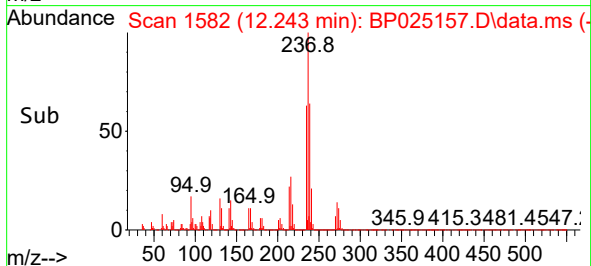
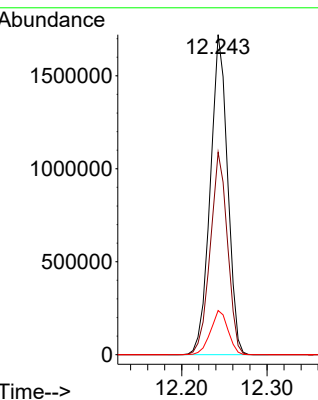
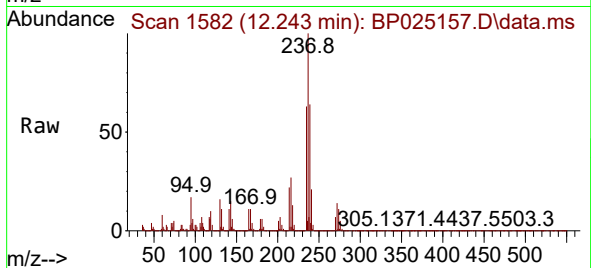
Ion	Ratio	Lower	Upper
237	100		
235	63.3	41.6	81.6
272	13.8	0.0	33.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#42

2,4,6-Tribromophenol

Concen: 152.979 ng

RT: 15.625 min Scan# 2157

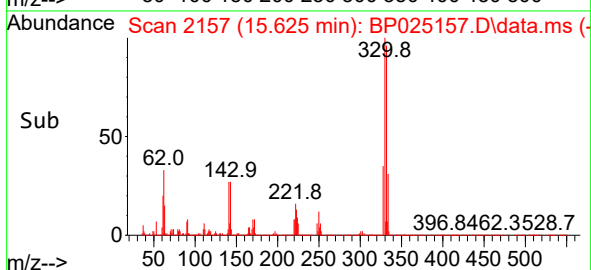
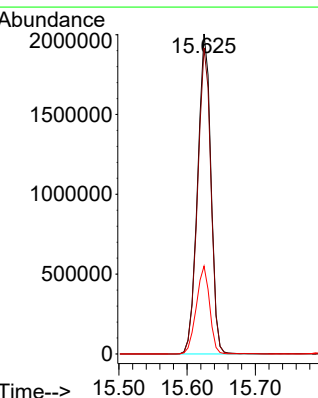
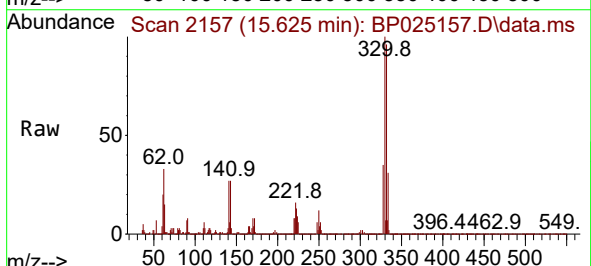
Delta R.T. 0.006 min

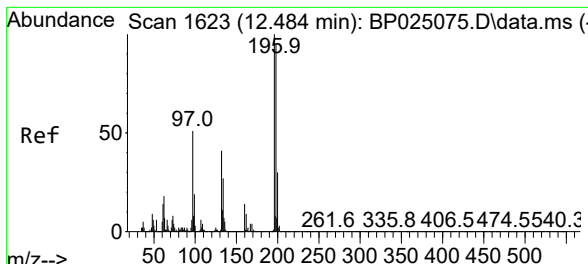
Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Tgt Ion:330 Resp: 2720501

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.7	116.5
141	27.4	26.0	39.0





#43
 2,4,6-Trichlorophenol
 Concen: 53.106 ng
 RT: 12.501 min Scan# 1626
 Delta R.T. 0.018 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

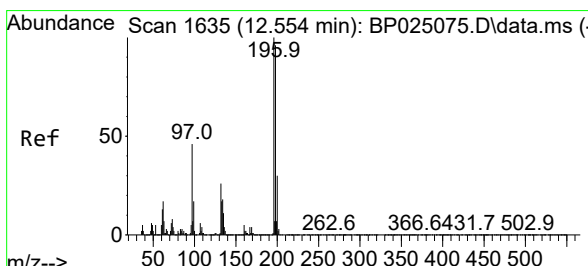
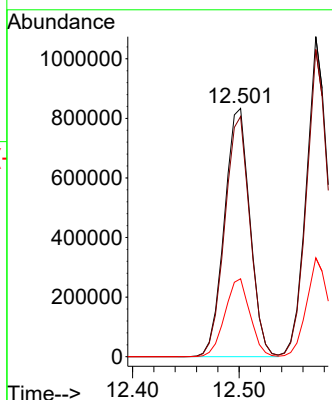
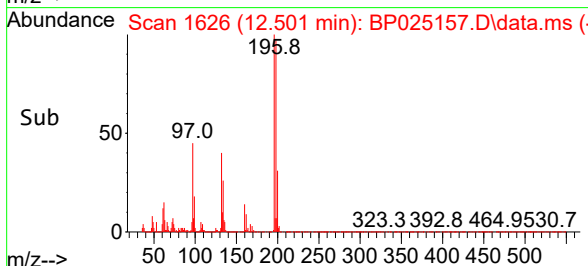
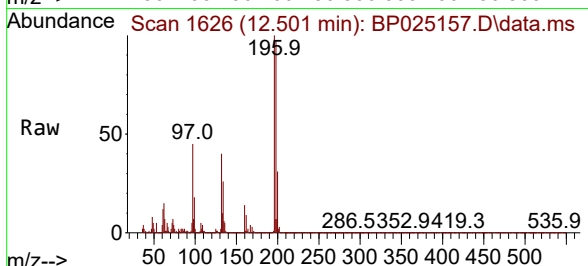
ClientSampleId :

PB168832BS

Tgt Ion:196 Resp: 139122
 Ion Ratio Lower Upper
 196 100
 198 96.7 76.2 114.2
 200 31.4 24.3 36.5

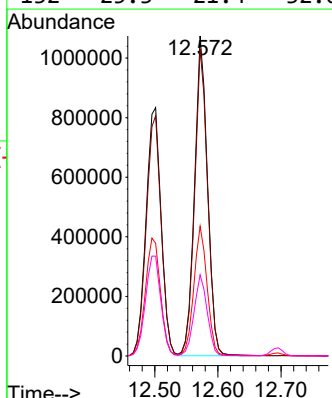
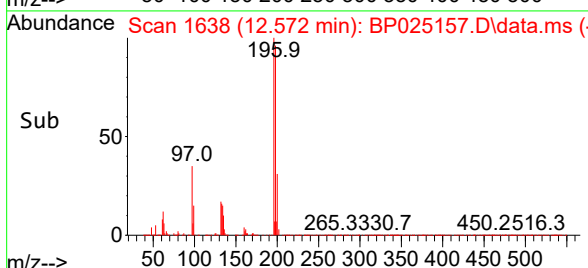
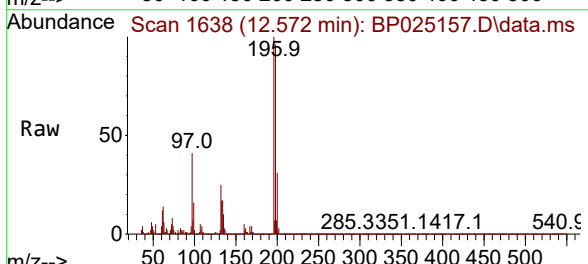
Manual Integrations
 APPROVED

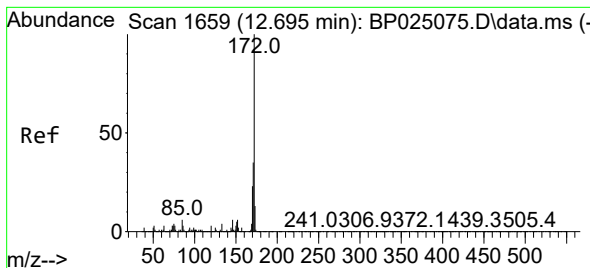
Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025



#44
 2,4,5-Trichlorophenol
 Concen: 51.621 ng
 RT: 12.572 min Scan# 1638
 Delta R.T. 0.018 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05

Tgt Ion:196 Resp: 1532573
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 115.0
 97 40.6 36.6 55.0
 132 25.3 21.4 32.0





#45
2-Fluorobiphenyl
Concen: 84.595 ng
RT: 12.695 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

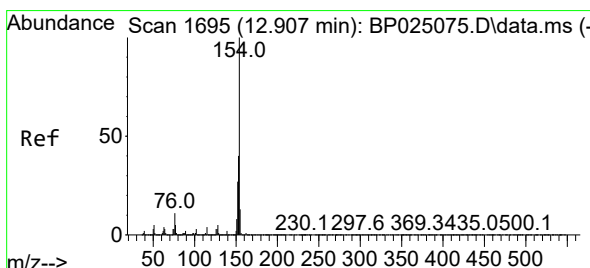
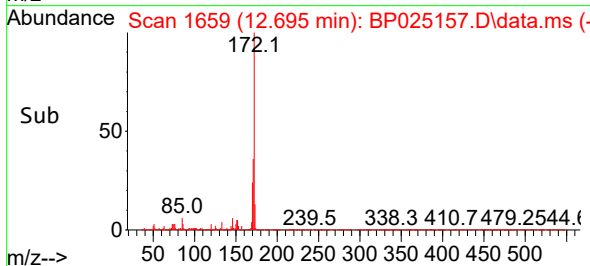
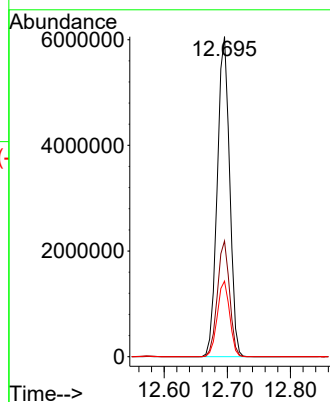
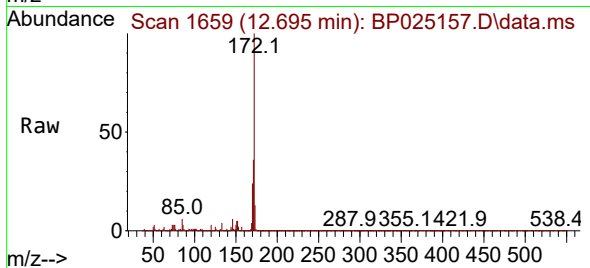
Tgt Ion:172 Resp: 8220370
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 23.6 18.7 28.1

Manual Integrations

APPROVED

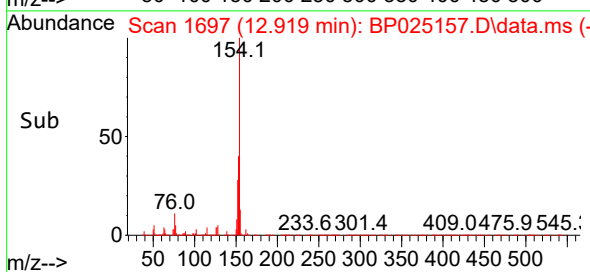
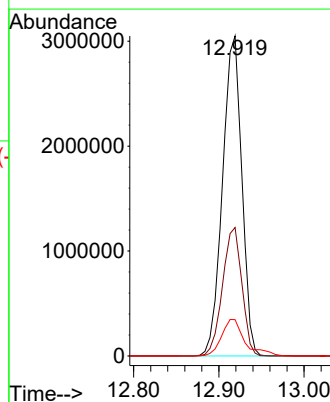
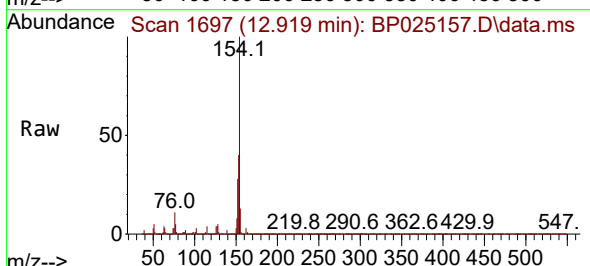
Reviewed By :Rahul Chavli 07/17/2025

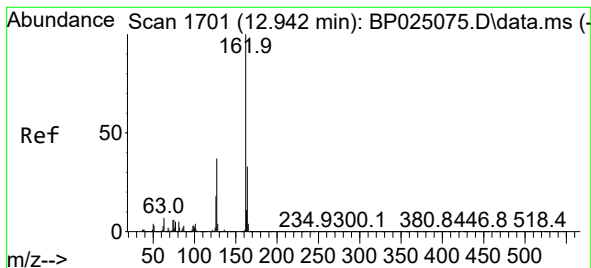
Supervised By :Jagrut Upadhyay 07/17/2025



#46
1,1'-Biphenyl
Concen: 43.746 ng
RT: 12.919 min Scan# 1697
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:154 Resp: 4791436
Ion Ratio Lower Upper
154 100
153 40.2 20.2 60.2
76 11.4 0.0 31.5





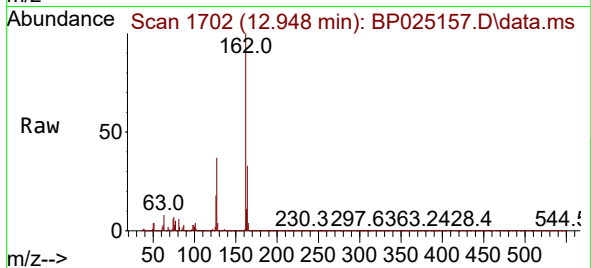
#47
2-Chloronaphthalene
Concen: 45.245 ng
RT: 12.948 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



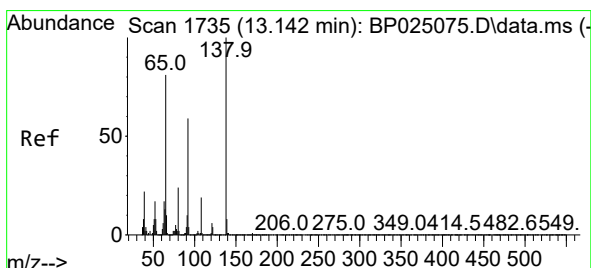
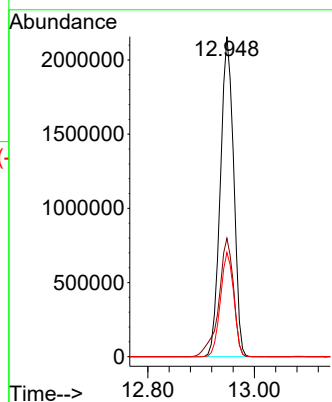
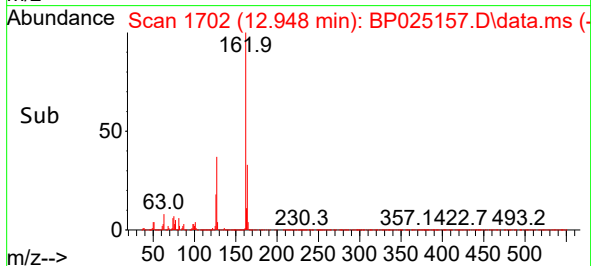
Tgt Ion:162 Resp: 372469
Ion Ratio Lower Upper
162 100
127 37.0 29.4 44.2
164 32.5 26.4 39.6

Manual Integrations

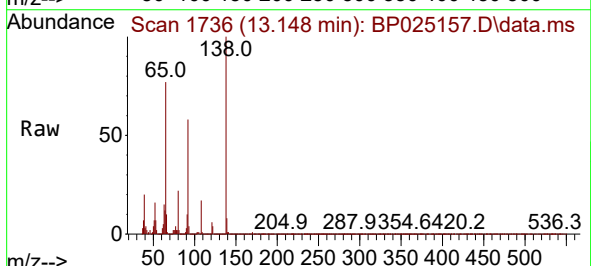
APPROVED

Reviewed By :Rahul Chavli 07/17/2025

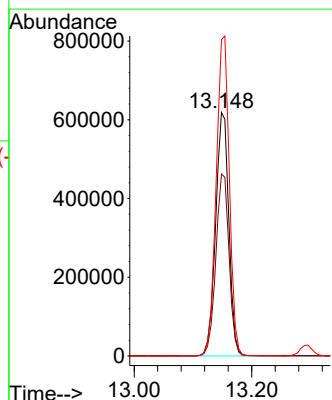
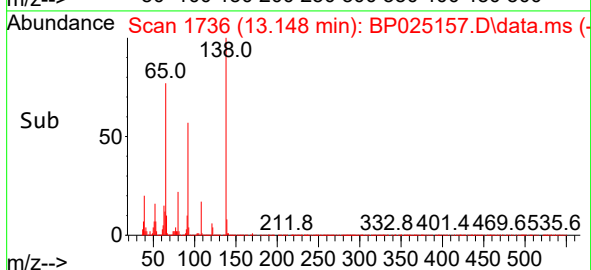
Supervised By :Jagrut Upadhyay 07/17/2025

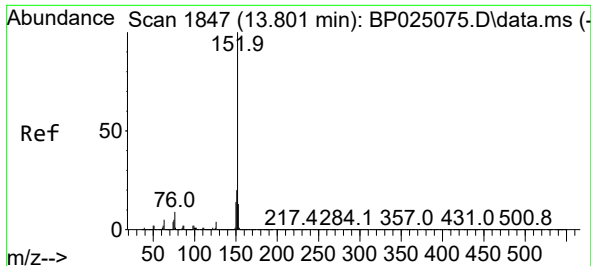


#48
2-Nitroaniline
Concen: 47.761 ng
RT: 13.148 min Scan# 1736
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



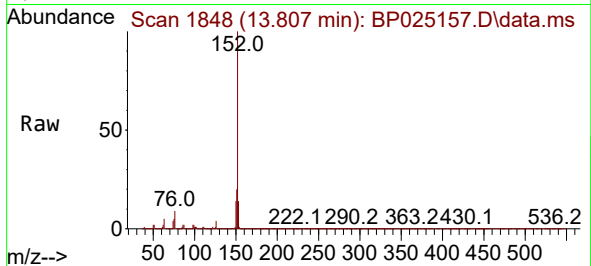
Tgt Ion: 65 Resp: 962855
Ion Ratio Lower Upper
65 100
92 74.7 58.7 88.1
138 129.9 99.0 148.4





#49
Acenaphthylene
Concen: 48.653 ng
RT: 13.807 min Scan# 1847
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

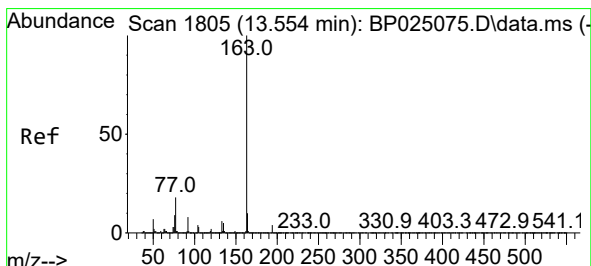
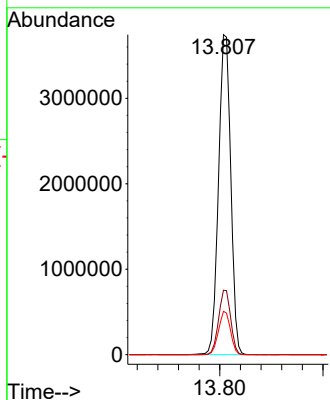
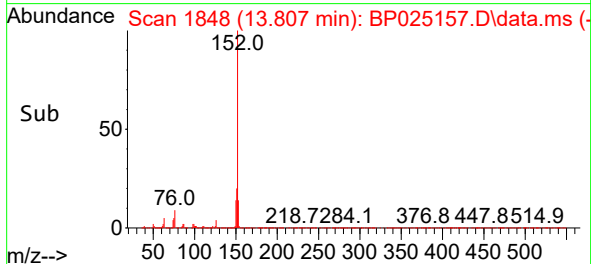
Instrument :
BNA_P
ClientSampleId :
PB168832BS



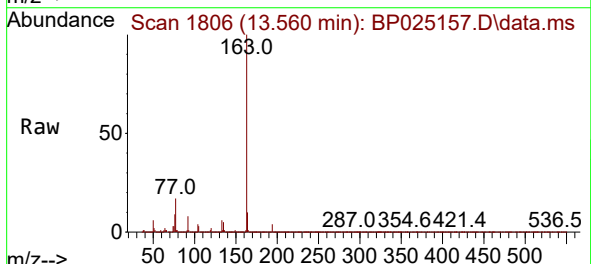
Tgt Ion:152 Resp: 6130128
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.5 10.7 16.1

Manual Integrations
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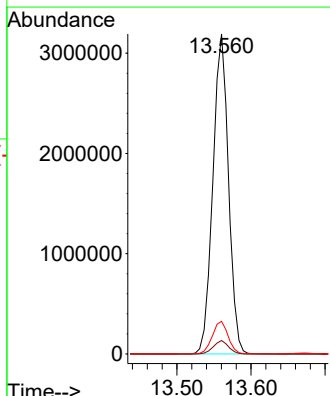
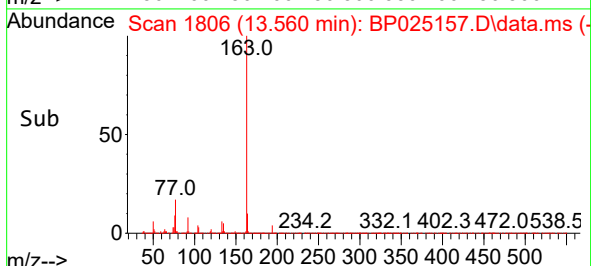
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

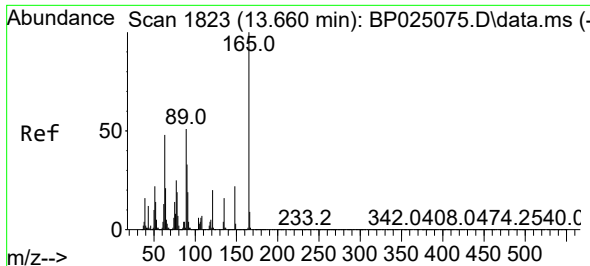


#50
Dimethylphthalate
Concen: 44.246 ng
RT: 13.560 min Scan# 1806
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



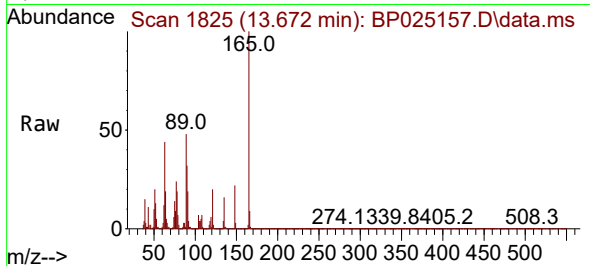
Tgt Ion:163 Resp: 4662478
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 50.162 ng
RT: 13.672 min Scan# 1825
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

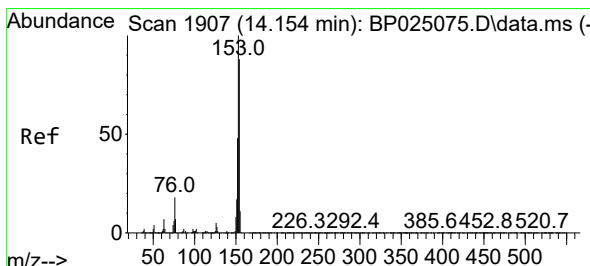
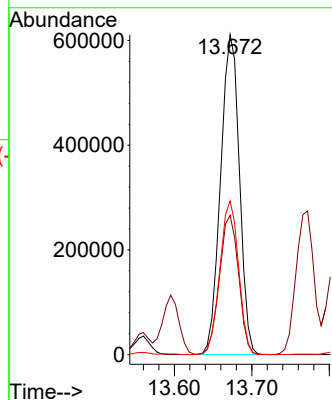
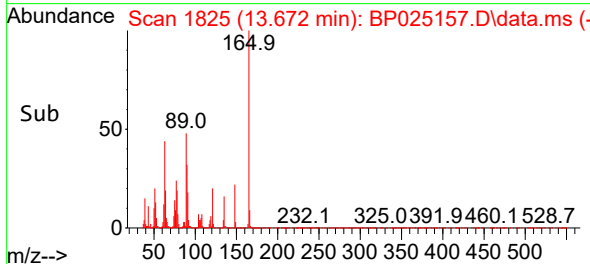
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:165 Resp: 103091
Ion Ratio Lower Upper
165 100
63 43.5 38.5 57.7
89 48.1 40.6 61.0

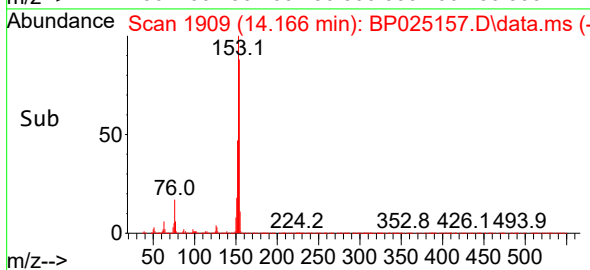
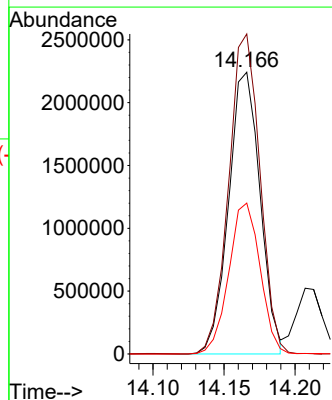
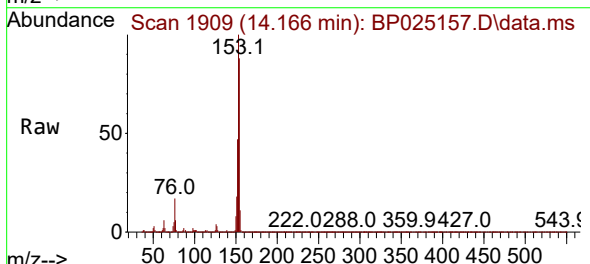
Manual Integrations
APPROVED

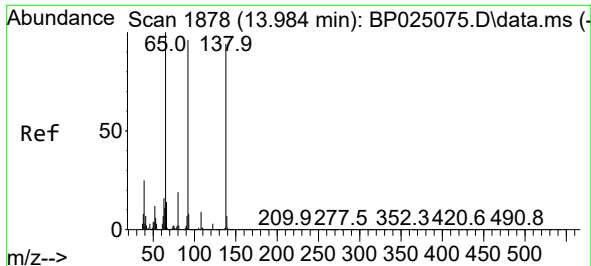
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#52
Acenaphthene
Concen: 42.604 ng
RT: 14.166 min Scan# 1909
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

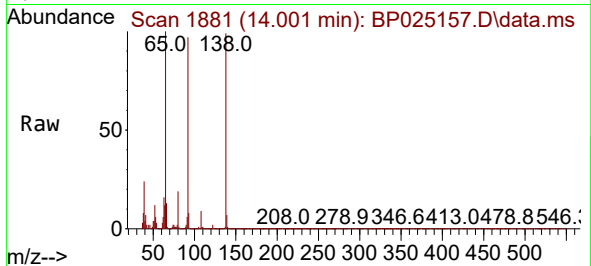
Tgt Ion:154 Resp: 3459820
Ion Ratio Lower Upper
154 100
153 113.6 90.6 136.0
152 53.5 43.8 65.8





#53
3-Nitroaniline
Concen: 33.232 ng
RT: 14.001 min Scan# 1881
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

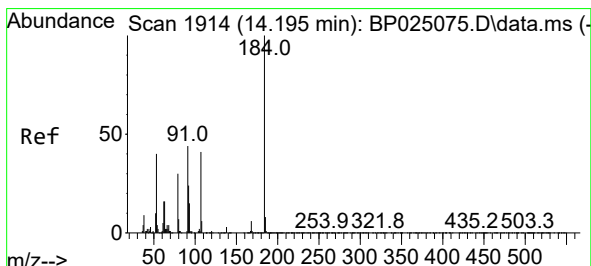
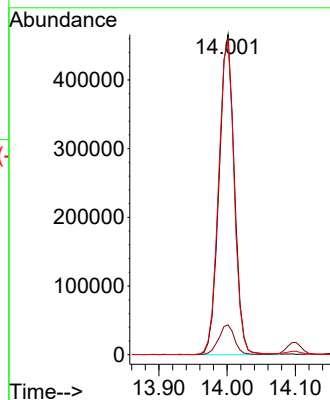
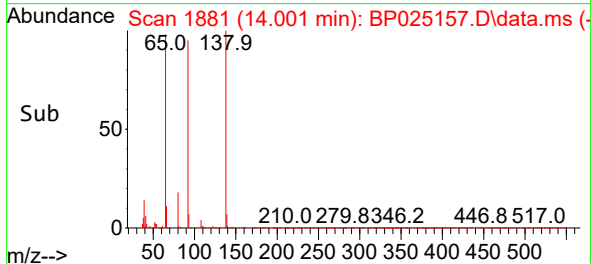
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:138 Resp: 731919
Ion Ratio Lower Upper
138 100
108 9.3 7.8 11.8
92 98.3 81.0 121.4

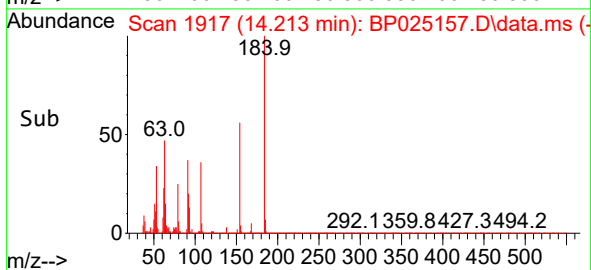
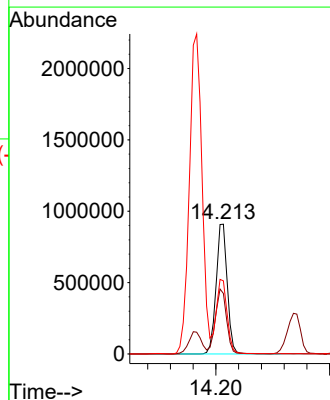
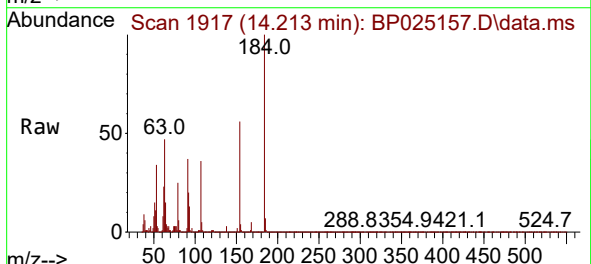
Manual Integrations
APPROVED

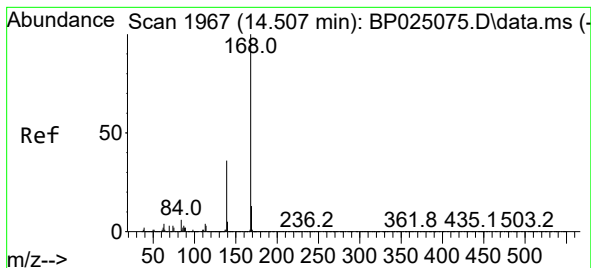
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#54
2,4-Dinitrophenol
Concen: 120.361 ng
RT: 14.213 min Scan# 1917
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:184 Resp: 1238167
Ion Ratio Lower Upper
184 100
63 46.6 47.4 71.0#
154 56.4 47.8 71.8





#55

Dibenzenofuran

Concen: 41.697 ng

RT: 14.513 min Scan# 1968

Delta R.T. 0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:168 Resp: 5588298

Ion Ratio Lower Upper

168 100

139 35.3 28.6 43.0

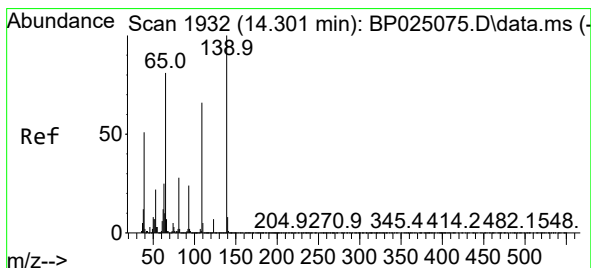
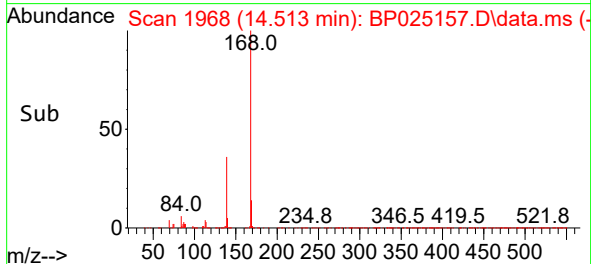
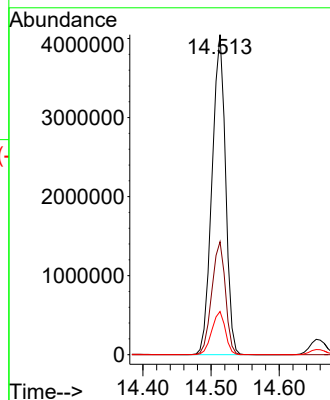
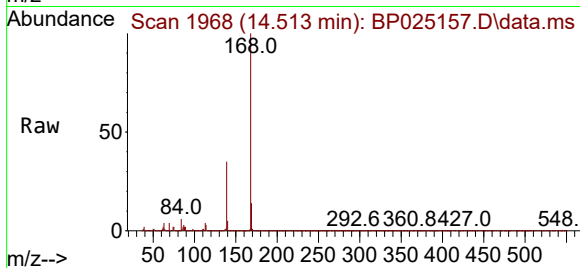
169 13.5 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#56

4-Nitrophenol

Concen: 100.034 ng

RT: 14.342 min Scan# 1939

Delta R.T. 0.041 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

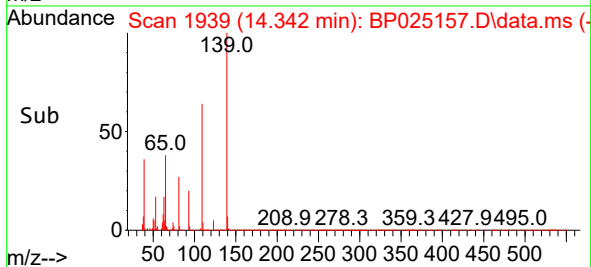
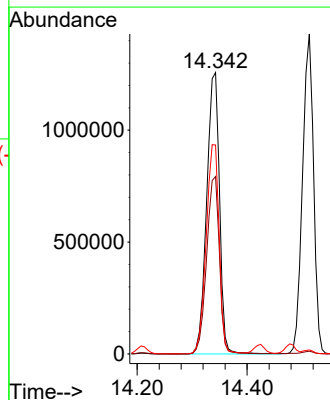
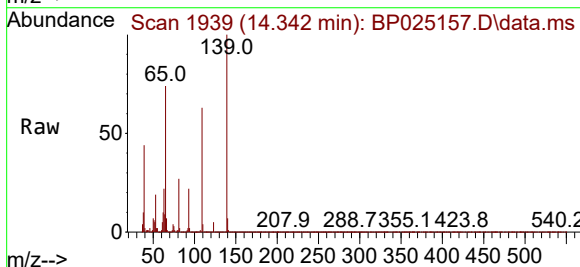
Tgt Ion:139 Resp: 2033217

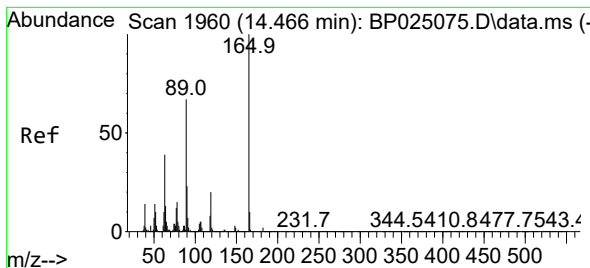
Ion Ratio Lower Upper

139 100

109 63.0 45.9 85.9

65 74.3 61.4 101.4





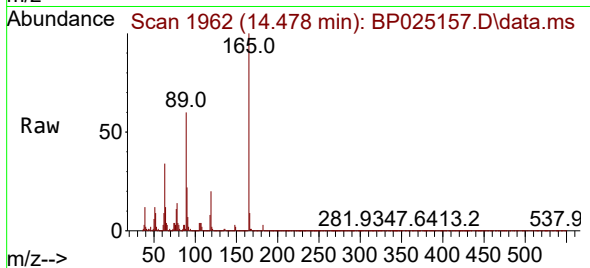
#57
2,4-Dinitrotoluene
Concen: 48.807 ng
RT: 14.478 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS



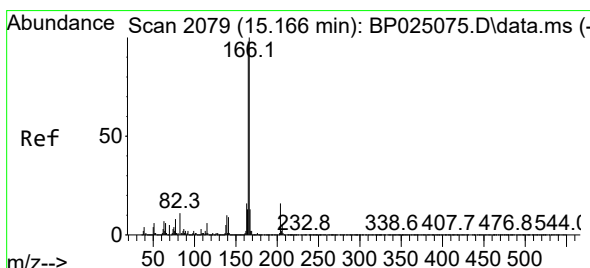
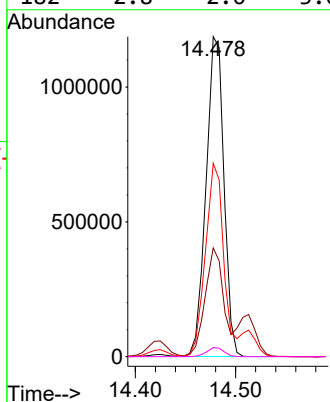
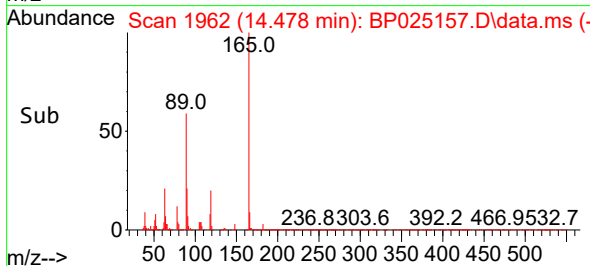
Tgt Ion:165 Resp: 1473540
Ion Ratio Lower Upper
165 100
63 34.0 31.0 46.4
89 60.4 53.4 80.0
182 2.8 2.0 3.0

Manual Integrations

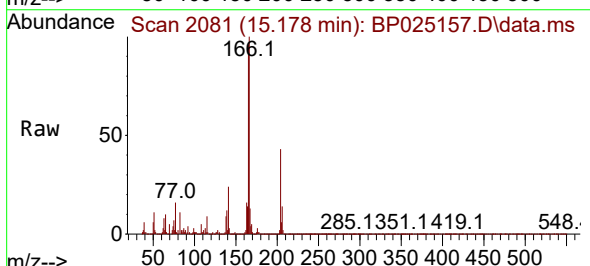
APPROVED

Reviewed By :Rahul Chavli 07/17/2025

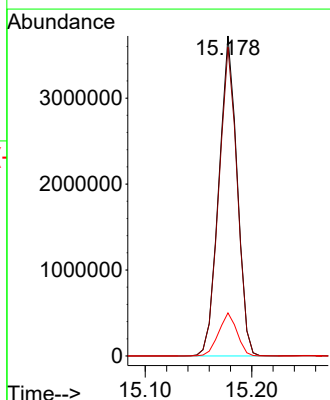
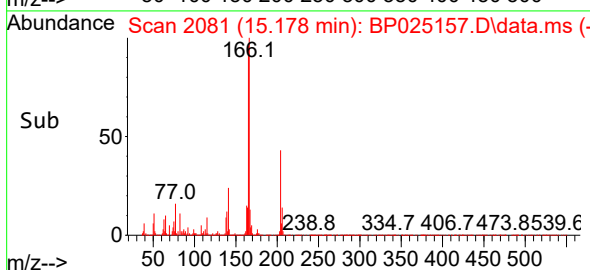
Supervised By :Jagrut Upadhyay 07/17/2025

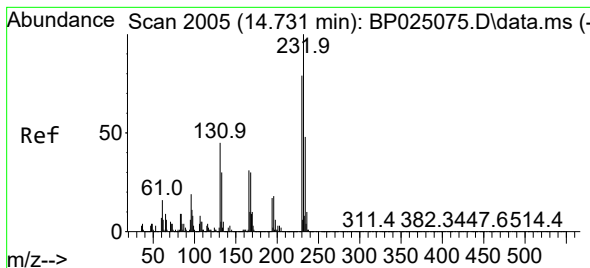


#58
Fluorene
Concen: 42.669 ng
RT: 15.178 min Scan# 2081
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



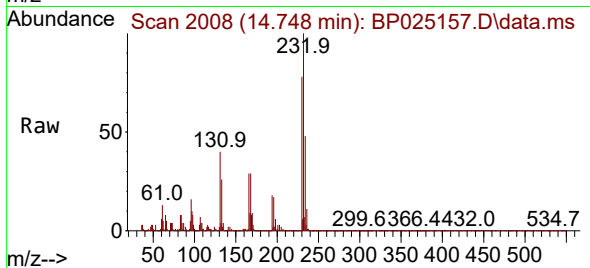
Tgt Ion:166 Resp: 4423171
Ion Ratio Lower Upper
166 100
165 96.5 78.6 117.8
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.237 ng
RT: 14.748 min Scan# 2008
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

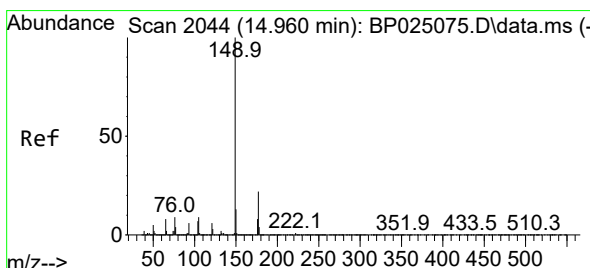
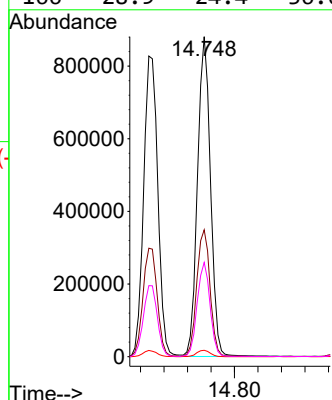
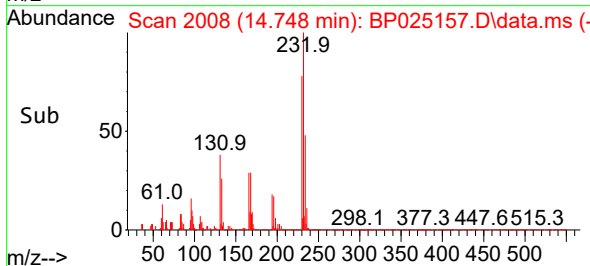
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:232 Resp: 135063
Ion Ratio Lower Upper
232 100
131 40.6 35.7 53.5
130 2.1 1.8 2.6
166 28.9 24.4 36.6

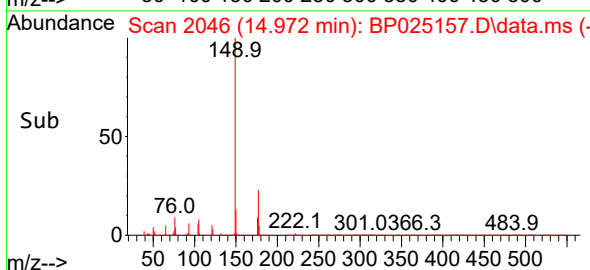
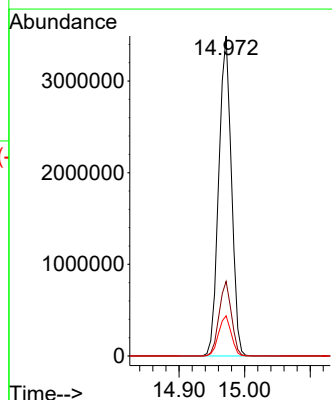
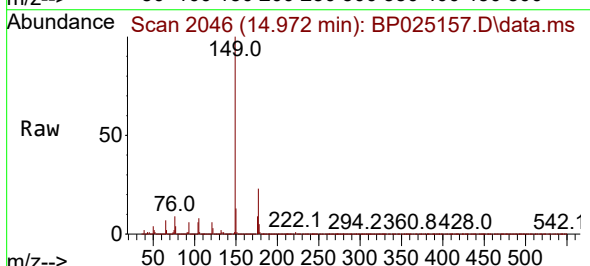
Manual Integrations
APPROVED

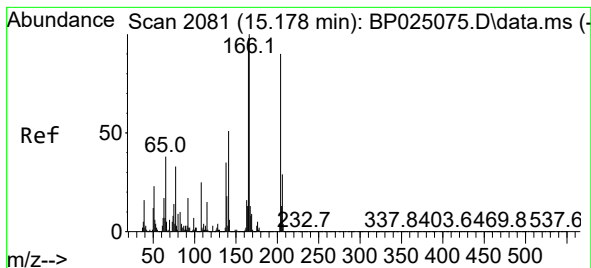
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#60
Diethylphthalate
Concen: 43.931 ng
RT: 14.972 min Scan# 2046
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

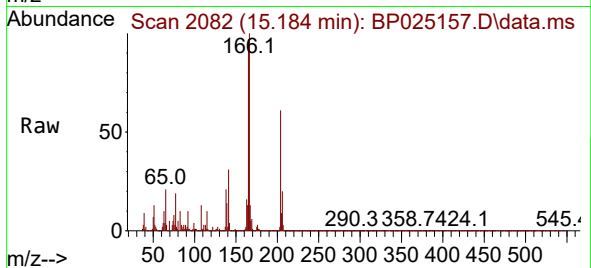
Tgt Ion:149 Resp: 4649591
Ion Ratio Lower Upper
149 100
177 23.3 17.8 26.8
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.632 ng
RT: 15.184 min Scan# 2082
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

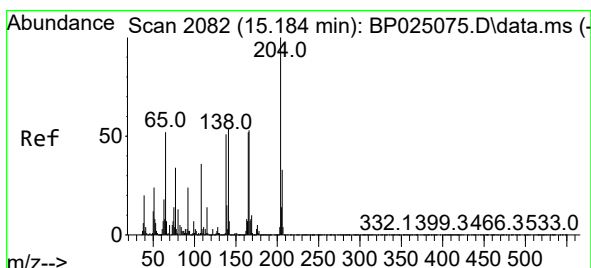
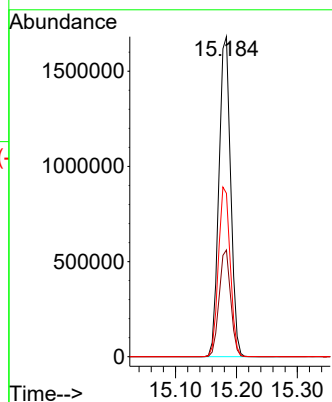
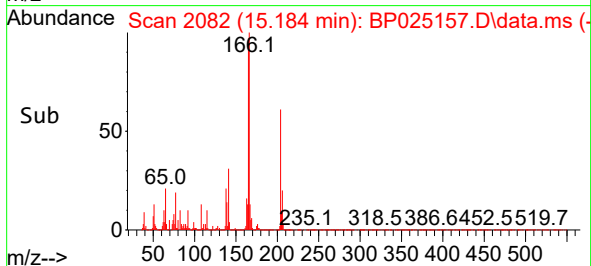
Instrument :
BNA_P
ClientSampleId :
PB168832BS



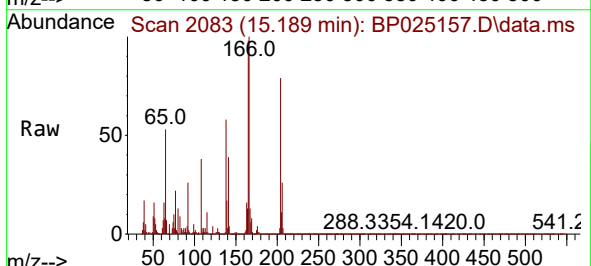
Tgt Ion:204 Resp: 223837
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 51.1 45.1 67.7

Manual Integrations
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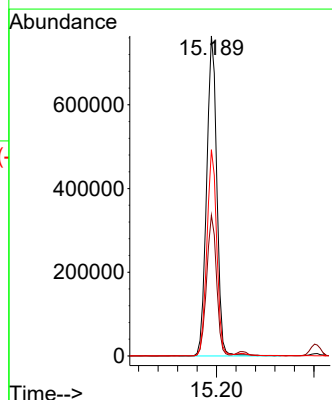
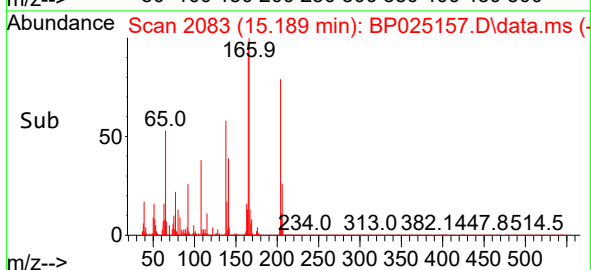
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

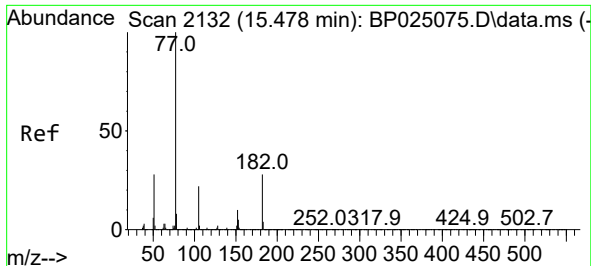


#62
4-Nitroaniline
Concen: 47.923 ng
RT: 15.189 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



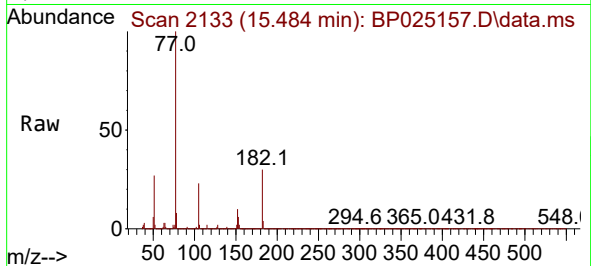
Tgt Ion:138 Resp: 1106760
Ion Ratio Lower Upper
138 100
92 44.0 26.0 66.0
108 64.4 50.0 90.0





#63
Azobenzene
Concen: 40.439 ng
RT: 15.484 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

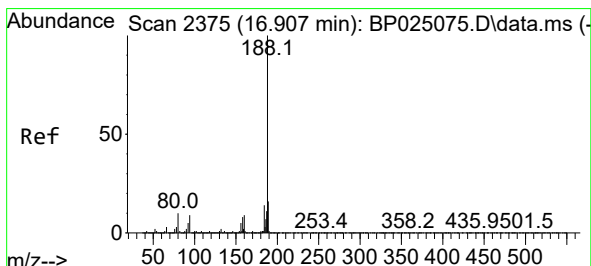
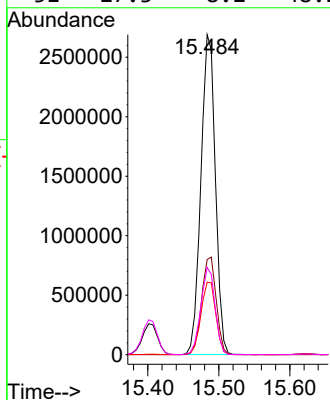
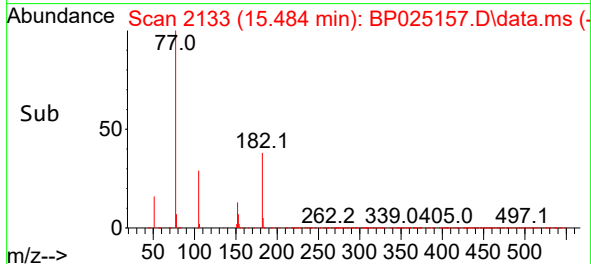
Instrument :
BNA_P
ClientSampleId :
PB168832BS



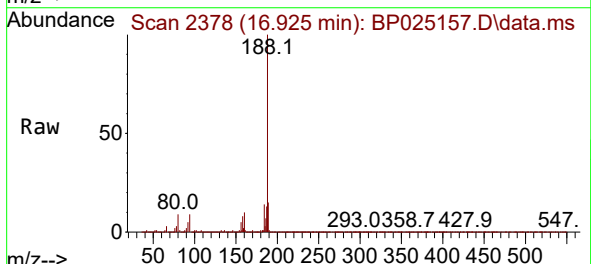
Tgt Ion: 77 Resp: 3811190
Ion Ratio Lower Upper
77 100
182 29.8 7.7 47.7
105 22.7 1.9 41.9
51 27.3 8.2 48.2

Manual Integrations
APPROVED

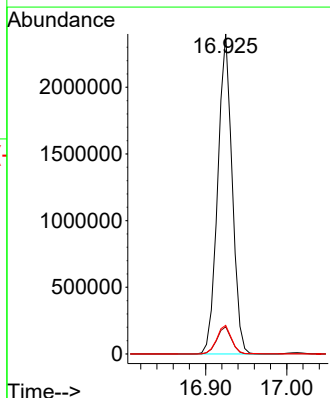
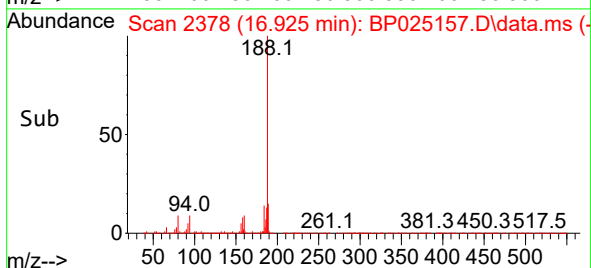
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

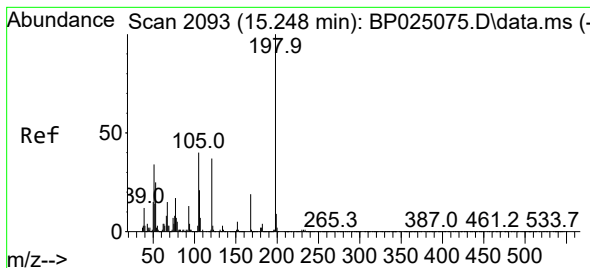


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.925 min Scan# 2378
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



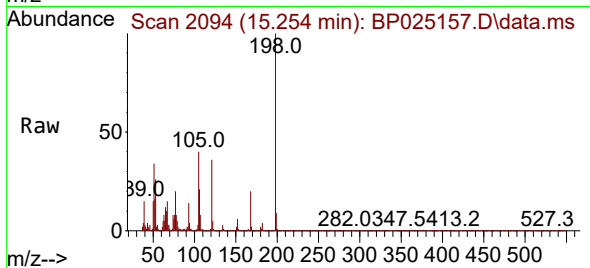
Tgt Ion:188 Resp: 2956416
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.0 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 58.153 ng
RT: 15.254 min Scan# 2094
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

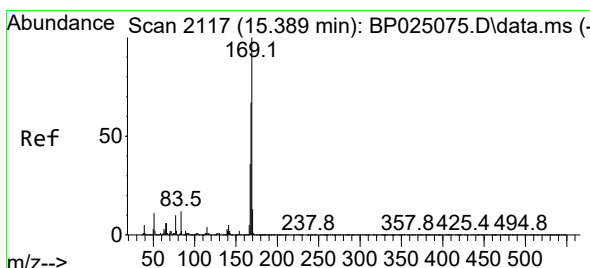
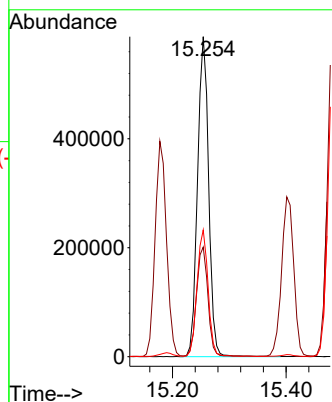
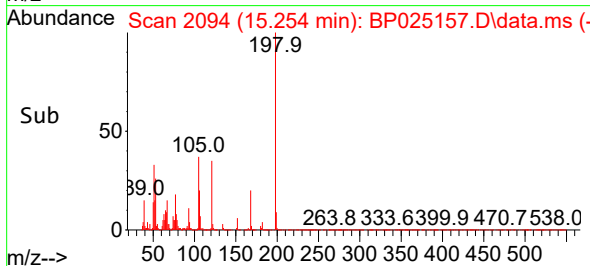
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:198 Resp: 800330
Ion Ratio Lower Upper
198 100
51 34.2 16.8 56.8
105 39.6 20.8 60.8

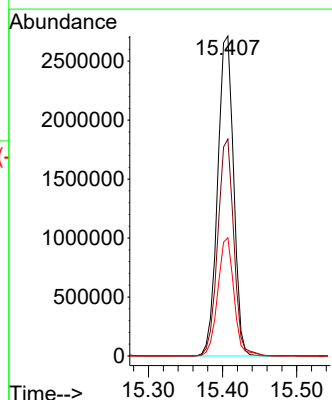
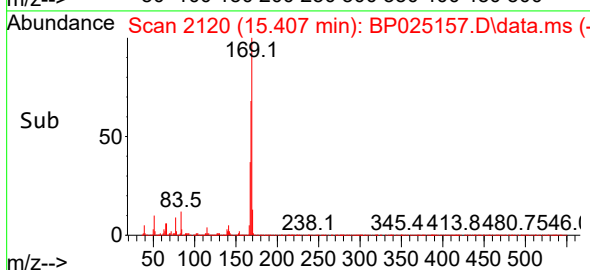
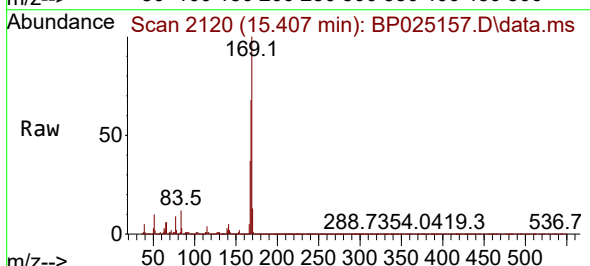
Manual Integrations
APPROVED

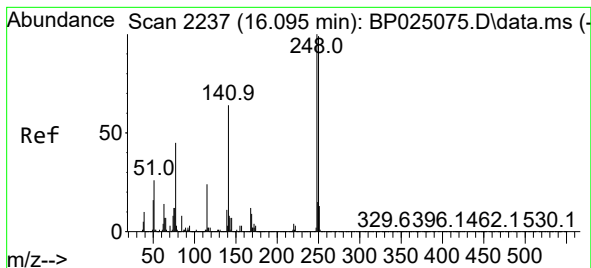
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#66
n-Nitrosodiphenylamine
Concen: 47.927 ng
RT: 15.407 min Scan# 2120
Delta R.T. 0.018 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:169 Resp: 4054993
Ion Ratio Lower Upper
169 100
168 67.8 54.1 81.1
167 37.0 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 50.066 ng

RT: 16.101 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:248 Resp: 151554

Ion Ratio Lower Upper

248 100

250 98.1 79.4 119.2

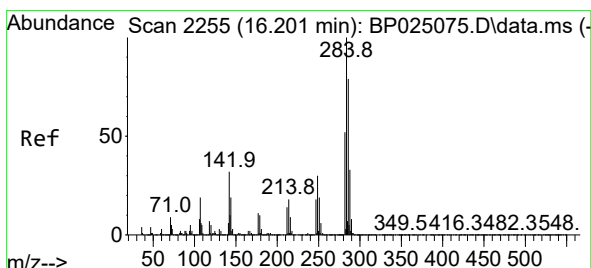
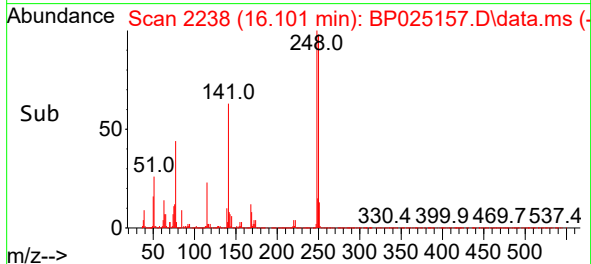
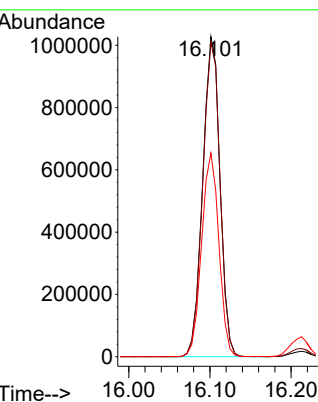
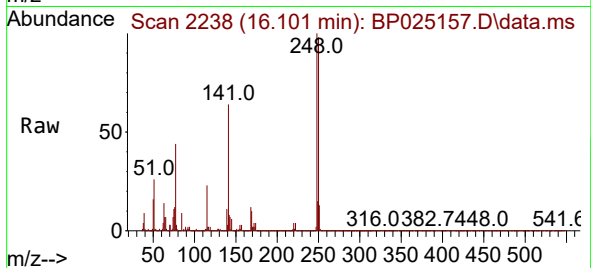
141 63.6 51.4 77.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#68

Hexachlorobenzene

Concen: 49.382 ng

RT: 16.213 min Scan# 2257

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

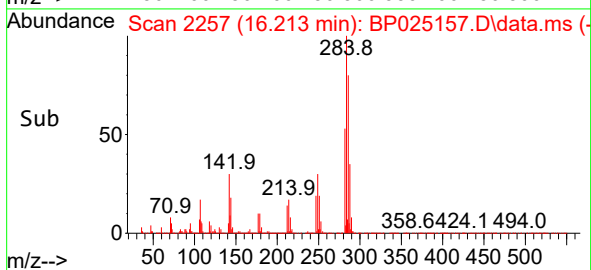
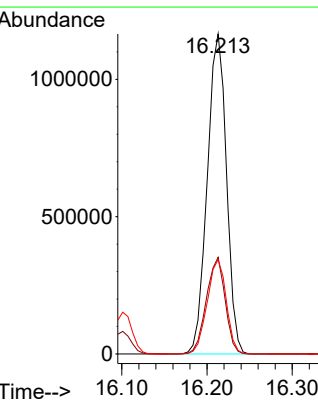
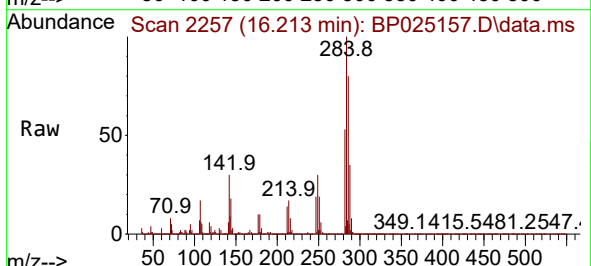
Tgt Ion:284 Resp: 1827080

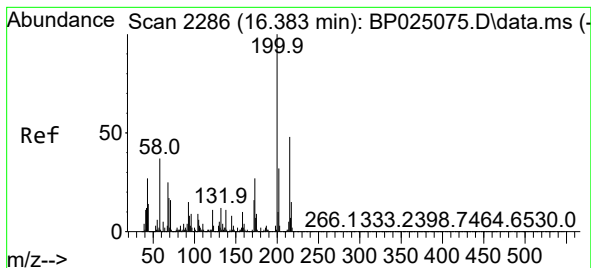
Ion Ratio Lower Upper

284 100

142 30.2 25.9 38.9

249 29.5 23.8 35.8





#69

Atrazine

Concen: 59.030 ng

RT: 16.395 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:200 Resp: 146351

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

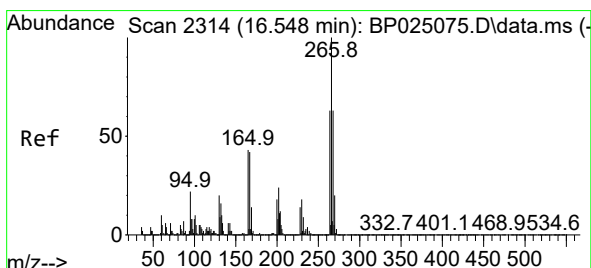
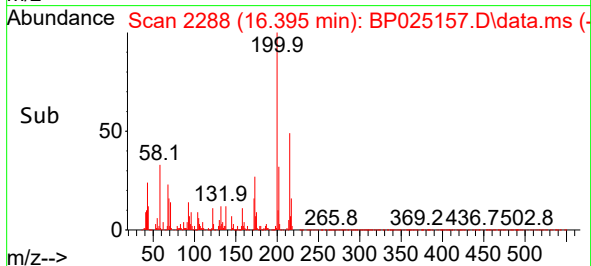
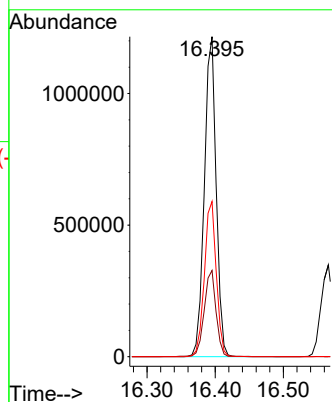
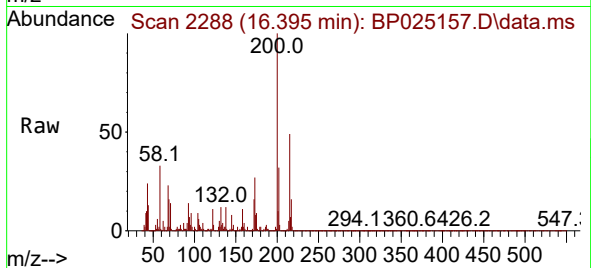
215 48.5 28.0 68.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#70

Pentachlorophenol

Concen: 100.538 ng

RT: 16.566 min Scan# 2317

Delta R.T. 0.018 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

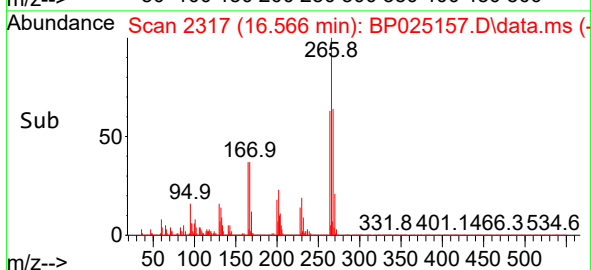
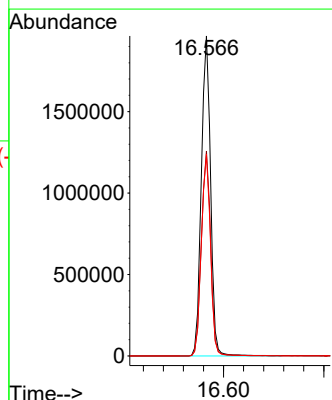
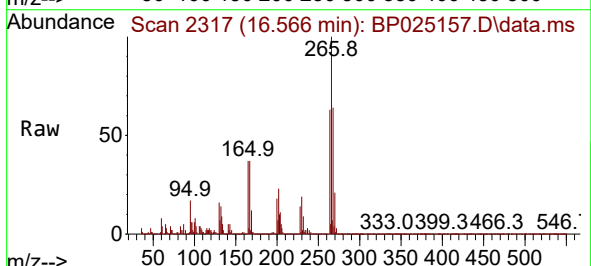
Tgt Ion:266 Resp: 2512163

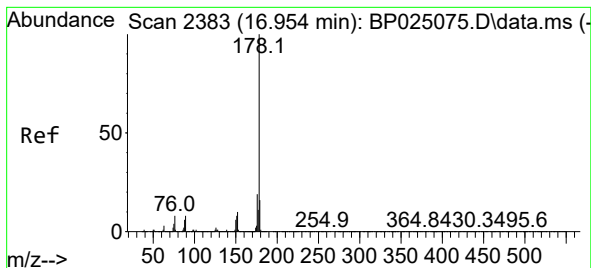
Ion Ratio Lower Upper

266 100

268 64.0 50.4 75.6

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 43.380 ng

RT: 16.966 min Scan# 2385

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:178 Resp: 6852958

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

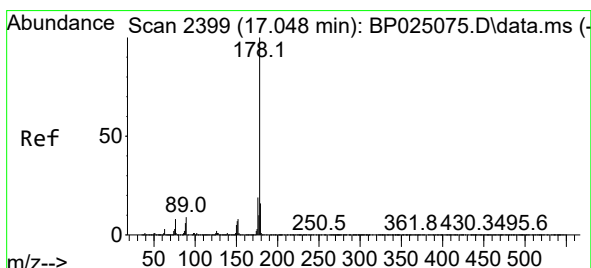
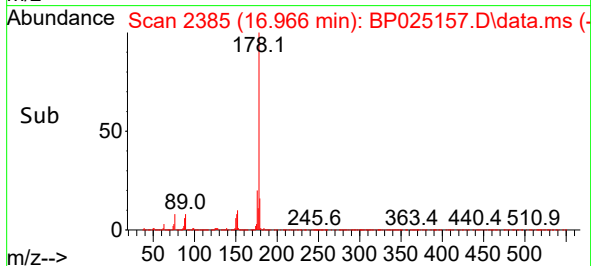
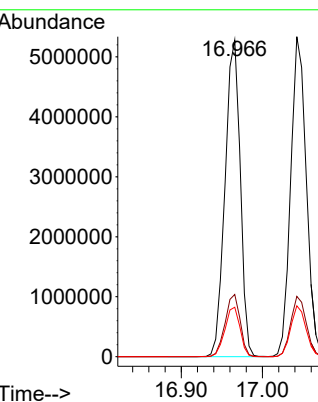
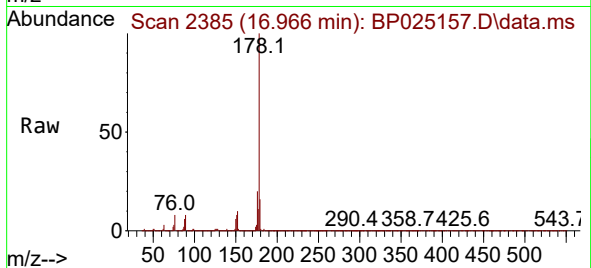
179 15.6 12.6 19.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#72

Anthracene

Concen: 47.252 ng

RT: 17.042 min Scan# 2398

Delta R.T. -0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

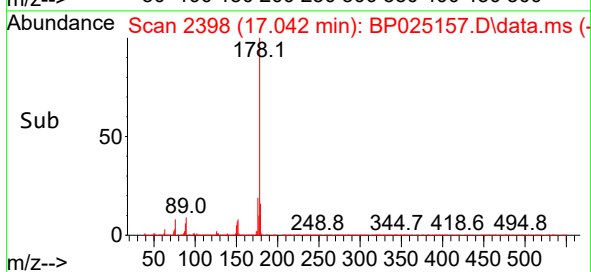
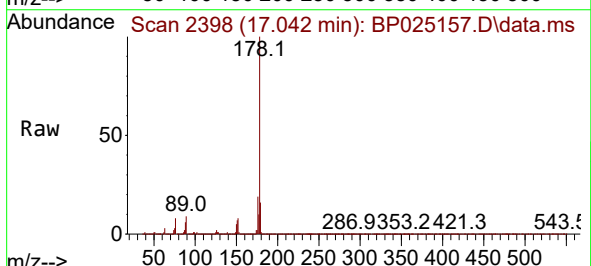
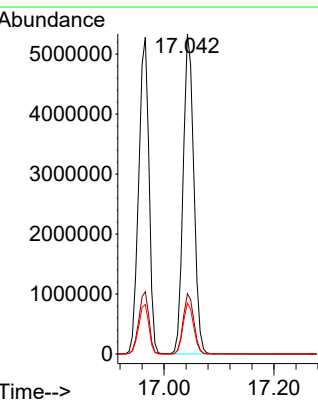
Tgt Ion:178 Resp: 7161364

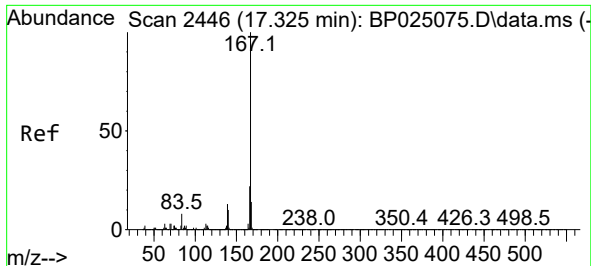
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

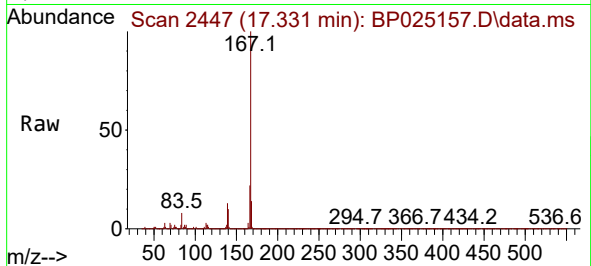
179 15.9 12.5 18.7





#73
 Carbazole
 Concen: 45.562 ng
 RT: 17.331 min Scan# 2447
 Delta R.T. 0.006 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05

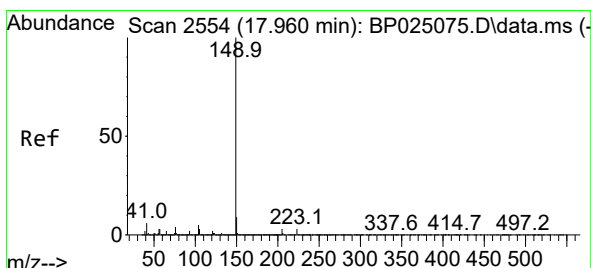
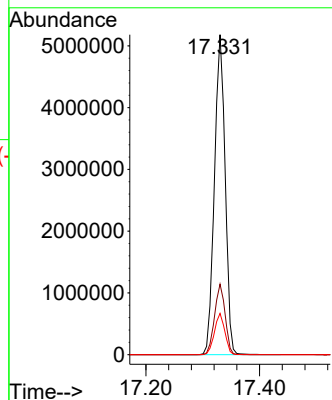
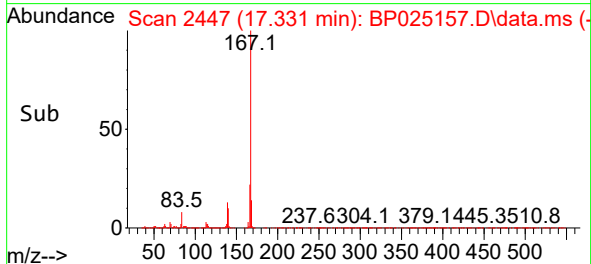
Instrument :
 BNA_P
 ClientSampleId :
 PB168832BS



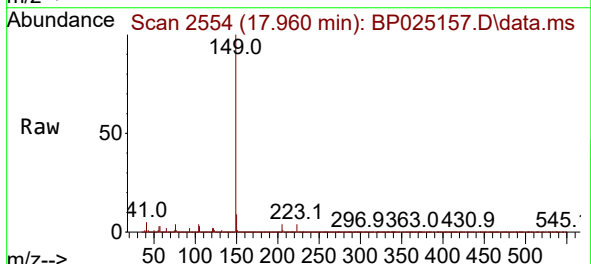
Tgt Ion:167 Resp: 6751488
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.0
 139 12.9 10.4 15.6

Manual Integrations
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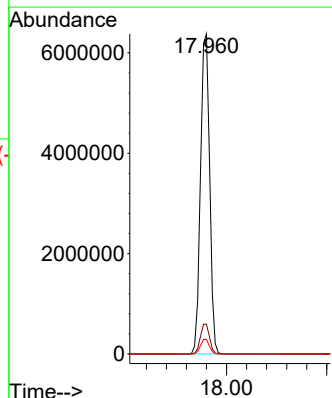
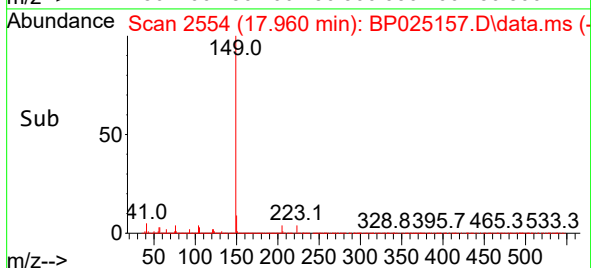
Reviewed By :Rahul Chavli 07/17/2025
 Supervised By :Jagrut Upadhyay 07/17/2025

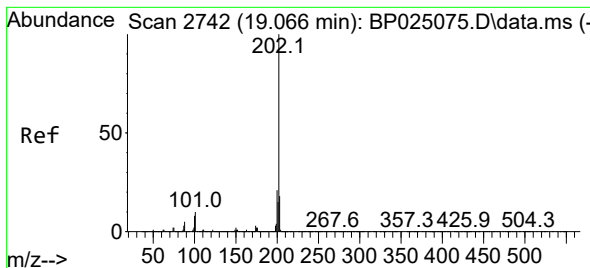


#74
 Di-n-butylphthalate
 Concen: 48.650 ng
 RT: 17.960 min Scan# 2554
 Delta R.T. 0.000 min
 Lab File: BP025157.D
 Acq: 16 Jul 2025 14:05



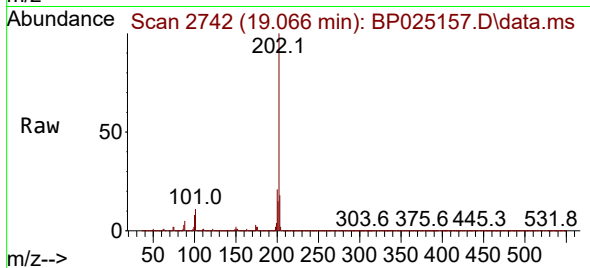
Tgt Ion:149 Resp: 8027950
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 44.343 ng
RT: 19.066 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

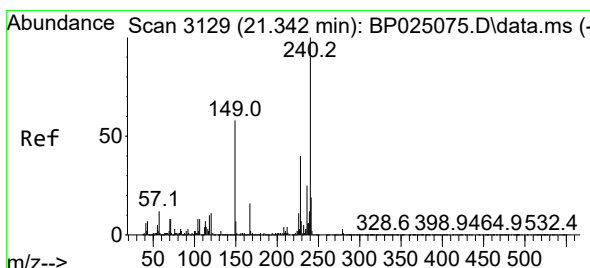
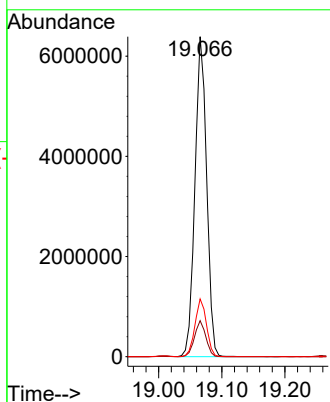
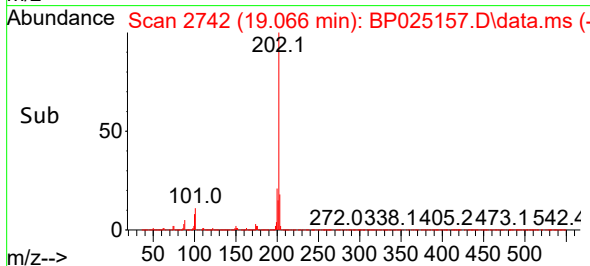
Instrument :
BNA_P
ClientSampleId :
PB168832BS



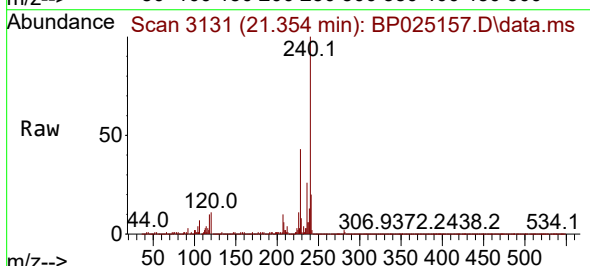
Tgt Ion:202 Resp: 8188178
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.4
203 18.0 0.0 37.6

Manual Integrations
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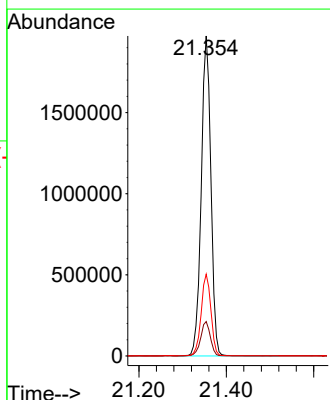
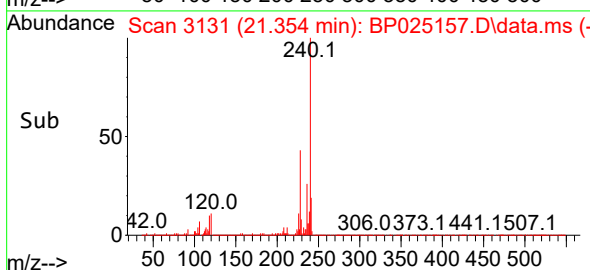
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

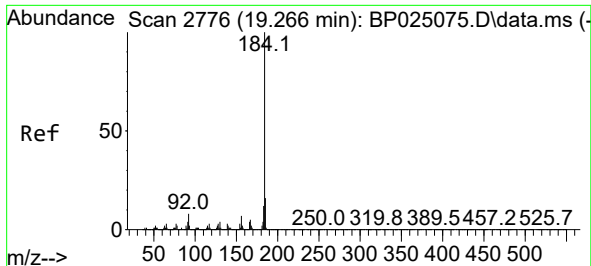


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.354 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



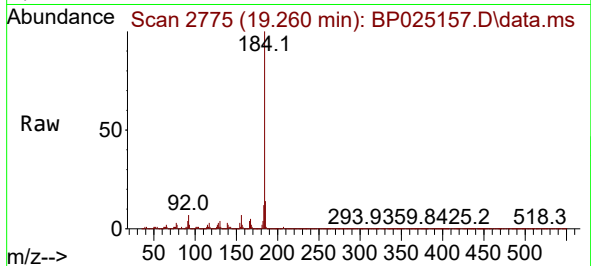
Tgt Ion:240 Resp: 3025641
Ion Ratio Lower Upper
240 100
120 10.8 9.0 13.4
236 25.5 20.3 30.5





#77
Benzidine
Concen: 78.652 ng
RT: 19.260 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

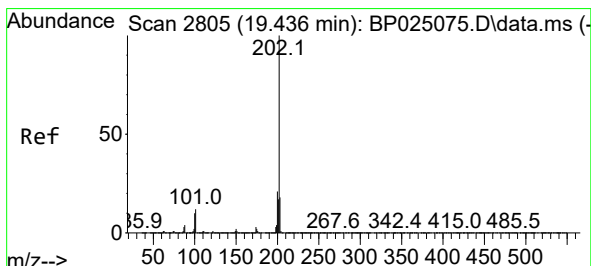
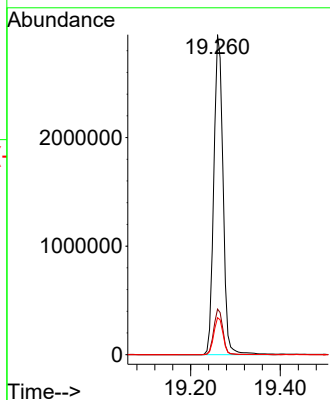
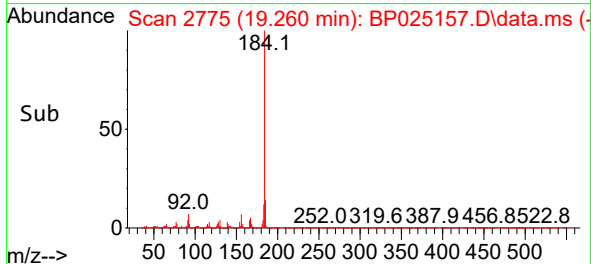
Instrument :
BNA_P
ClientSampleId :
PB168832BS



Tgt Ion:184 Resp: 420293
Ion Ratio Lower Upper
184 100
185 14.3 12.6 18.8
183 11.6 9.4 14.2

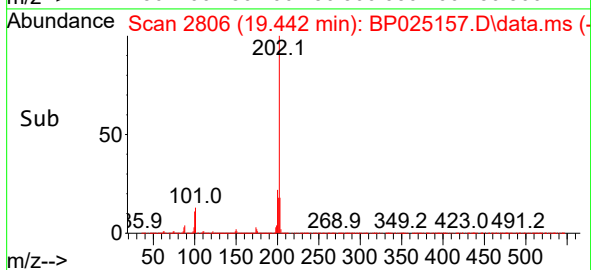
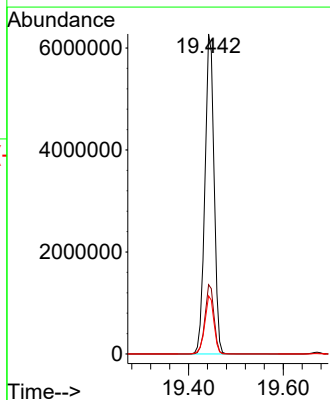
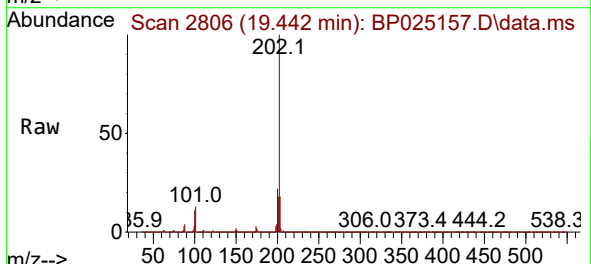
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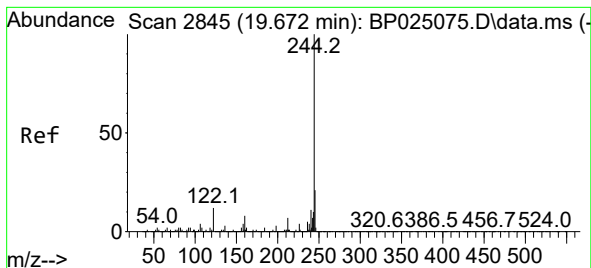
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#78
Pyrene
Concen: 44.887 ng
RT: 19.442 min Scan# 2806
Delta R.T. 0.006 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

Tgt Ion:202 Resp: 8411953
Ion Ratio Lower Upper
202 100
200 21.6 17.1 25.7
203 18.1 14.1 21.1





#79

Terphenyl-d14

Concen: 88.165 ng

RT: 19.672 min Scan# 2845

Delta R.T. 0.000 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:244 Resp:1213738

Ion Ratio Lower Upper

244 100

212 8.6 5.9 8.9

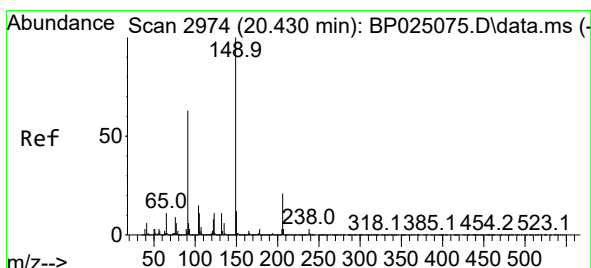
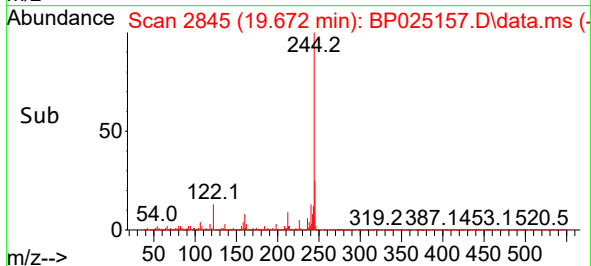
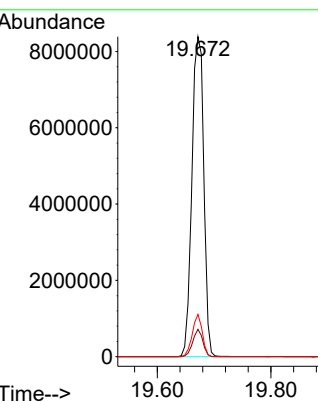
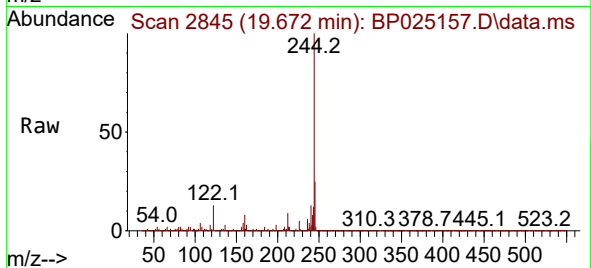
122 13.2 9.4 14.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#80

Butylbenzylphthalate

Concen: 50.911 ng

RT: 20.424 min Scan# 2973

Delta R.T. -0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

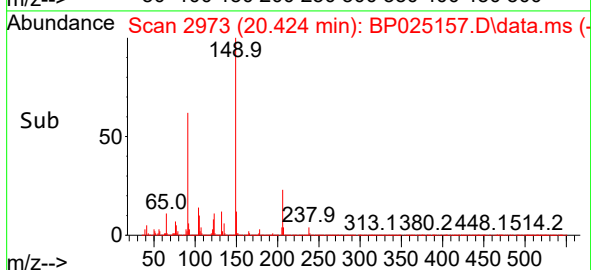
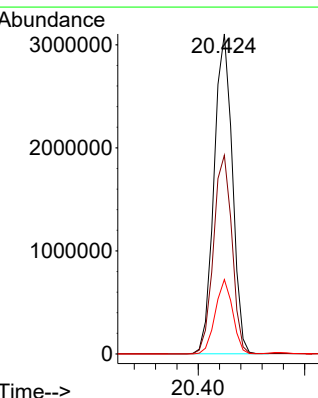
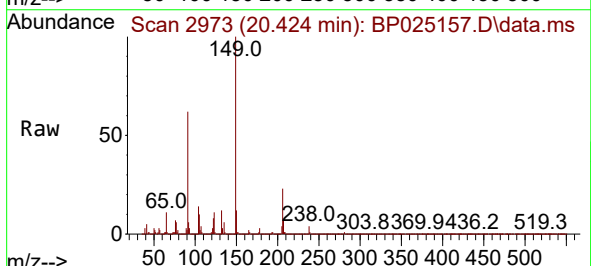
Tgt Ion:149 Resp: 3693389

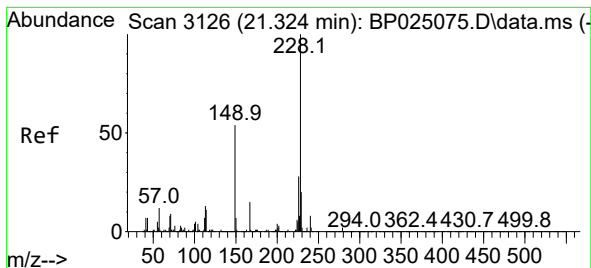
Ion Ratio Lower Upper

149 100

91 62.1 50.6 76.0

206 23.3 17.2 25.8





#81

Benzo(a)anthracene

Concen: 46.865 ng

RT: 21.336 min Scan# 3116

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:228 Resp: 8593120

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

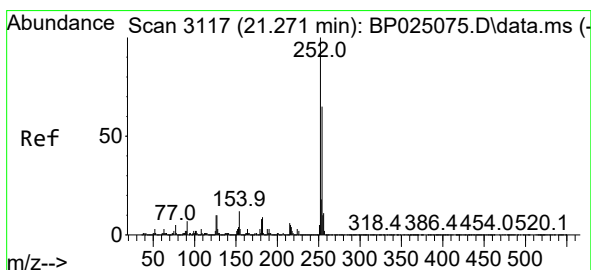
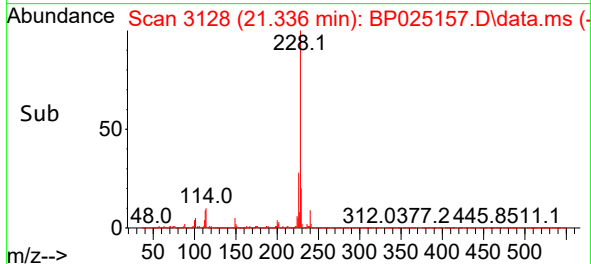
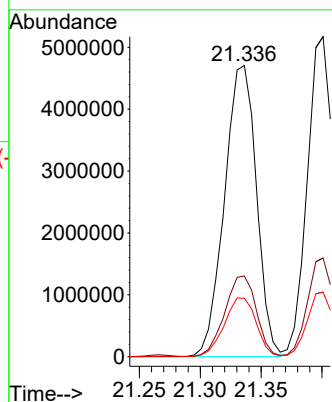
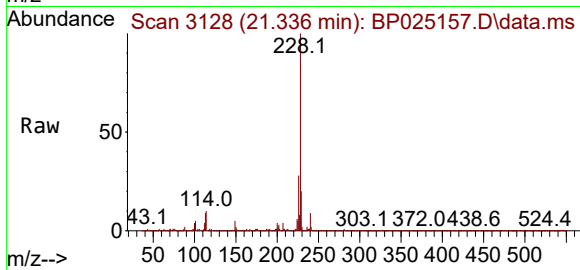
229 20.1 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#82

3,3'-Dichlorobenzidine

Concen: 43.250 ng

RT: 21.266 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

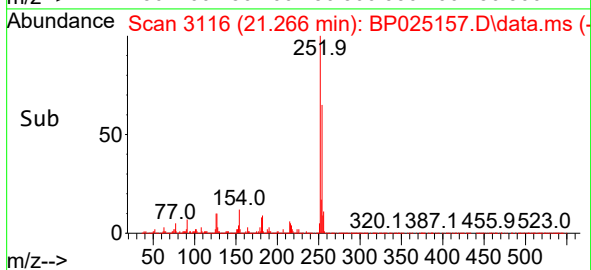
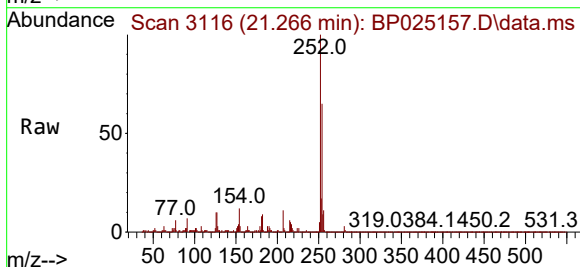
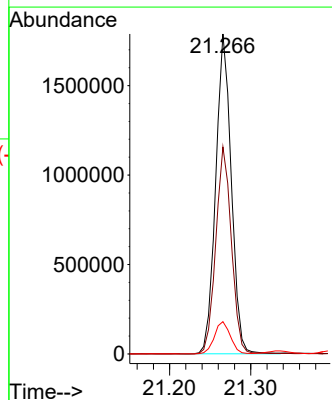
Tgt Ion:252 Resp: 2387316

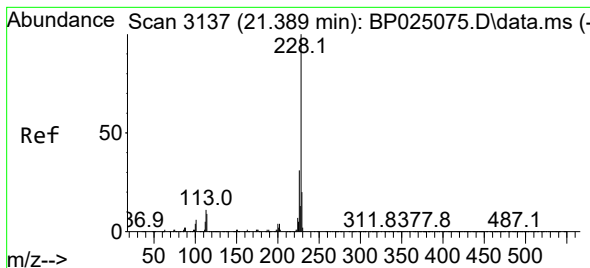
Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

126 10.1 8.1 12.1





#83

Chrysene

Concen: 44.502 ng

RT: 21.401 min Scan# 3139

Delta R.T. 0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:228 Resp: 7852519

Ion Ratio Lower Upper

228 100

226 30.8 24.4 36.6

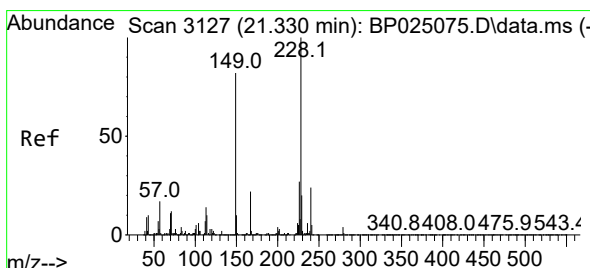
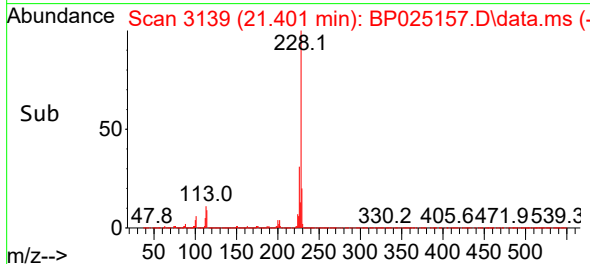
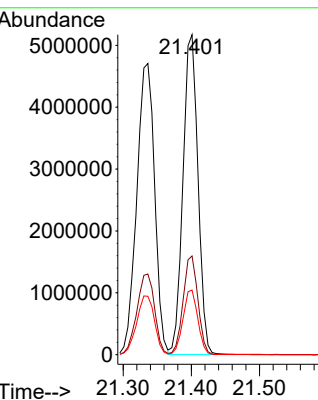
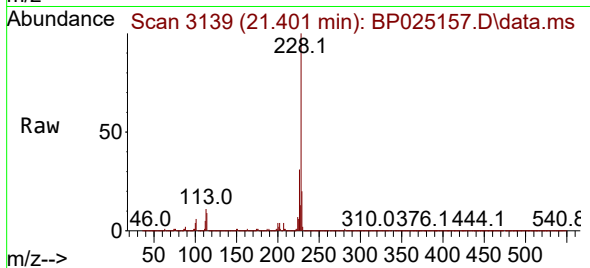
229 20.2 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.588 ng

RT: 21.313 min Scan# 3124

Delta R.T. -0.018 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

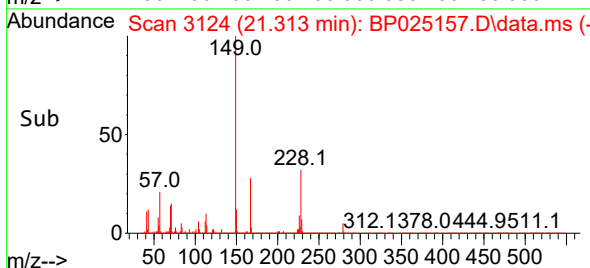
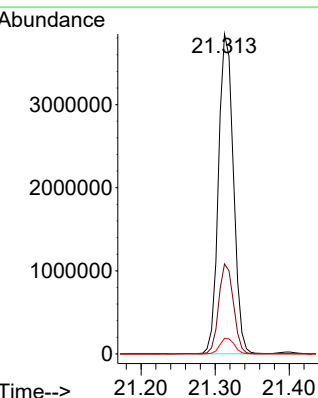
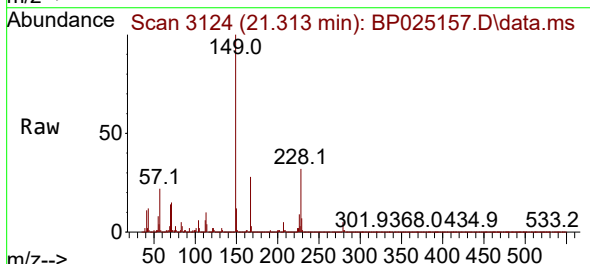
Tgt Ion:149 Resp: 5368859

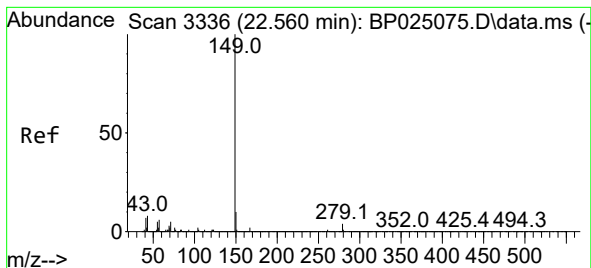
Ion Ratio Lower Upper

149 100

167 28.1 21.9 32.9

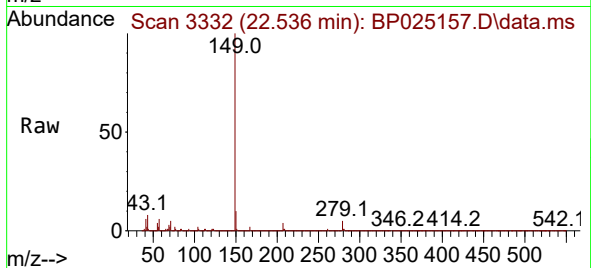
279 4.9 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 51.490 ng
RT: 22.536 min Scan# 31
Delta R.T. -0.024 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

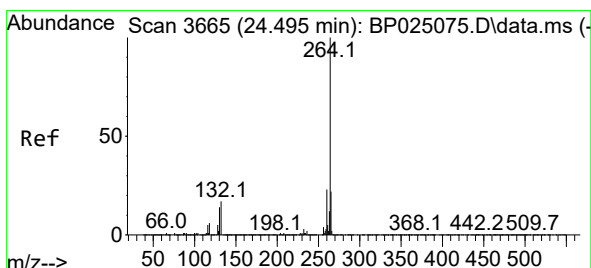
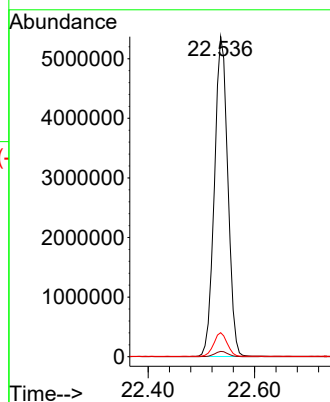
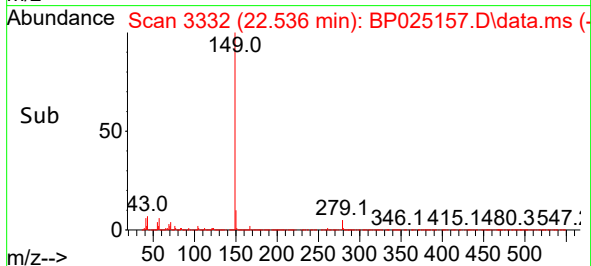
Instrument :
BNA_P
ClientSampleId :
PB168832BS



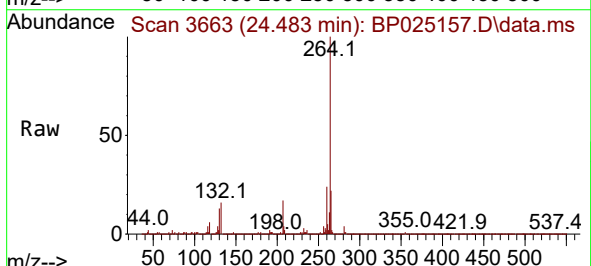
Tgt Ion:149 Resp: 937727
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.9 10.3

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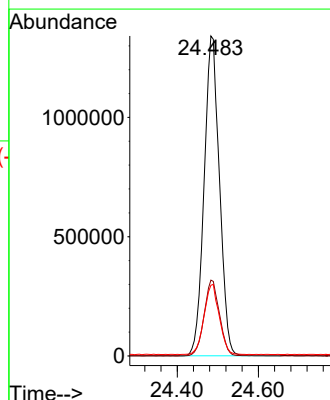
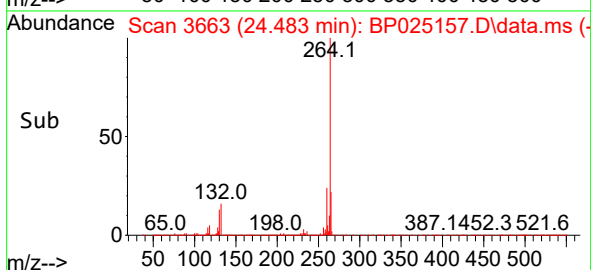
Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025

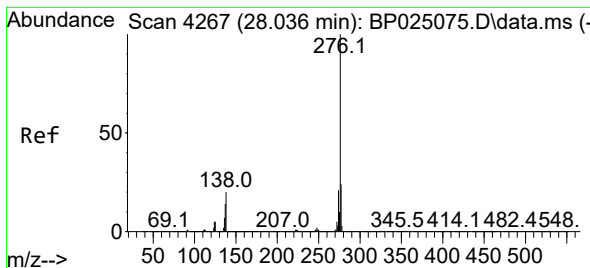


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.483 min Scan# 3663
Delta R.T. -0.012 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion:264 Resp: 3509061
Ion Ratio Lower Upper
264 100
260 23.7 18.6 28.0
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.111 ng m

RT: 28.024 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:276 Resp:1120214

Ion Ratio Lower Upper

276 100

138 17.0 13.0 19.6

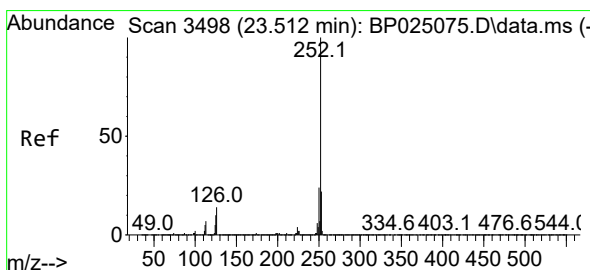
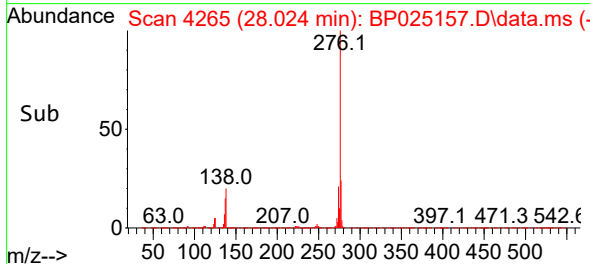
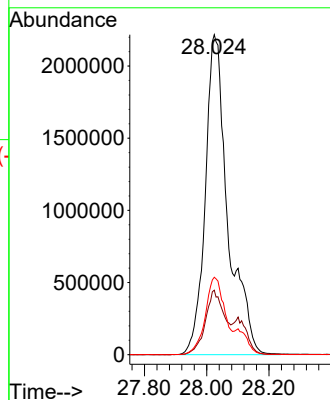
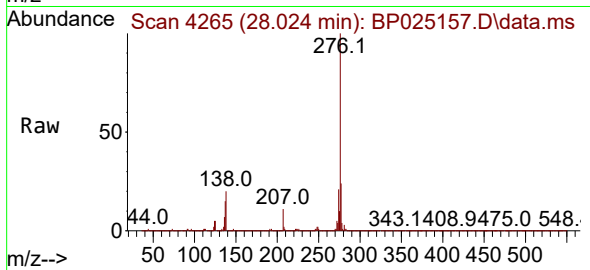
277 20.7 15.9 23.9

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#88

Benzo(b)fluoranthene

Concen: 44.195 ng

RT: 23.501 min Scan# 3496

Delta R.T. -0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

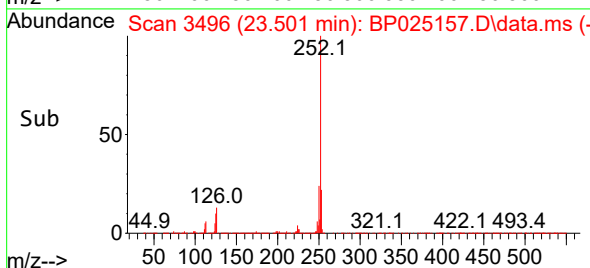
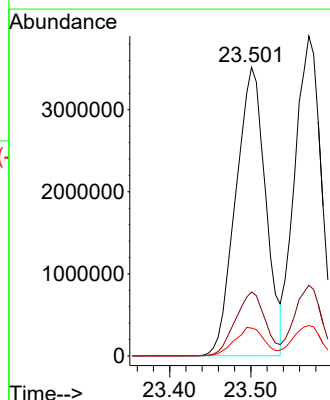
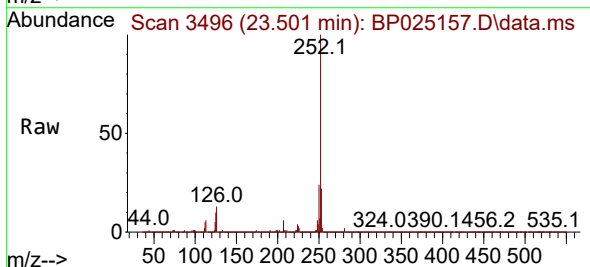
Tgt Ion:252 Resp: 9026669

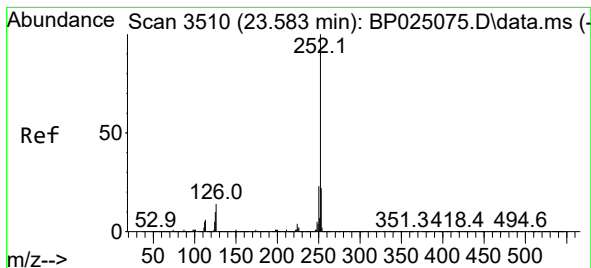
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 9.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 43.286 ng

RT: 23.571 min Scan# 3510

Delta R.T. -0.012 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

Instrument :

BNA_P

ClientSampleId :

PB168832BS

Tgt Ion:252 Resp: 8796629

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

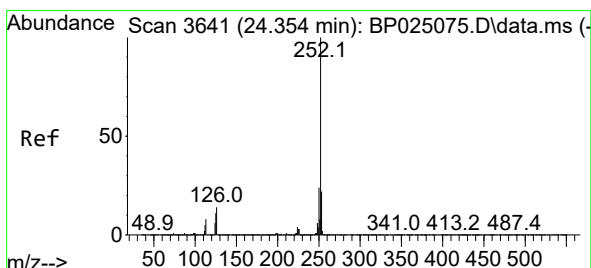
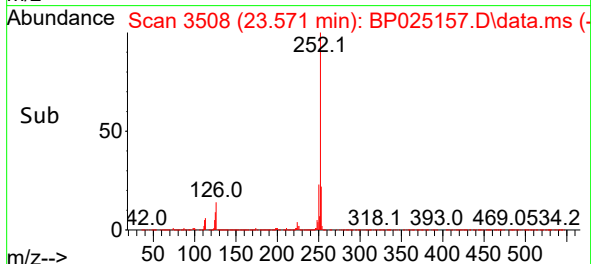
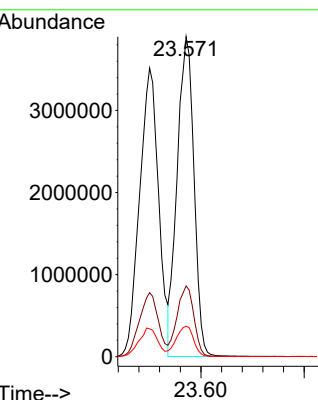
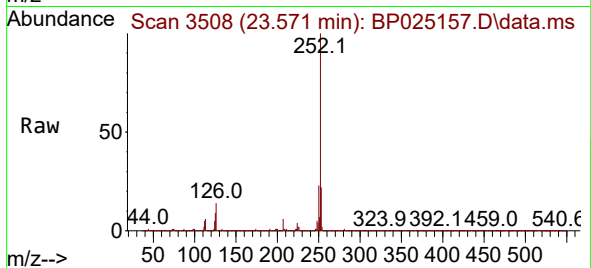
125 9.5 8.2 12.2

Manual Integrations

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Reviewed By :Rahul Chavli 07/17/2025

Supervised By :Jagrut Upadhyay 07/17/2025



#90

Benzo(a)pyrene

Concen: 49.153 ng

RT: 24.336 min Scan# 3638

Delta R.T. -0.018 min

Lab File: BP025157.D

Acq: 16 Jul 2025 14:05

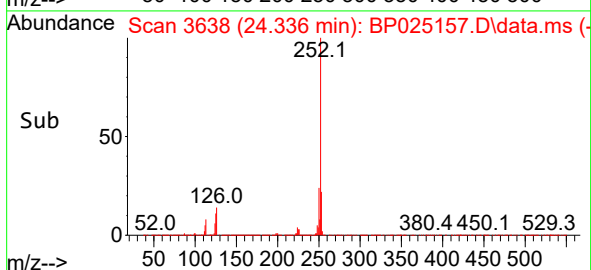
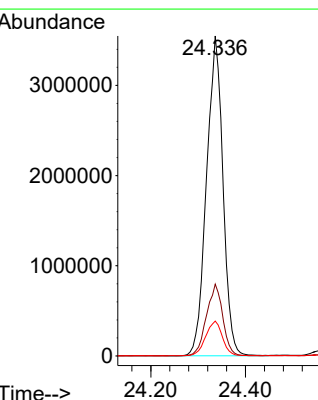
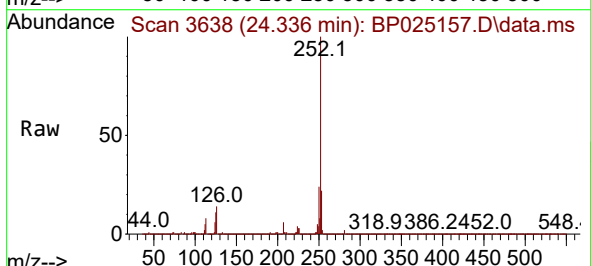
Tgt Ion:252 Resp: 8544493

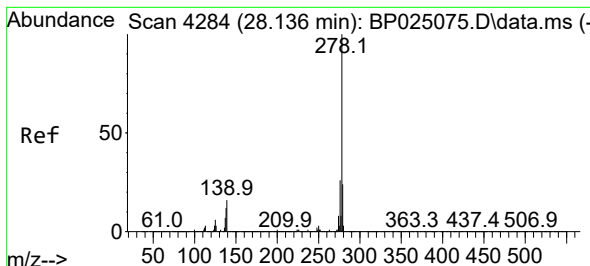
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

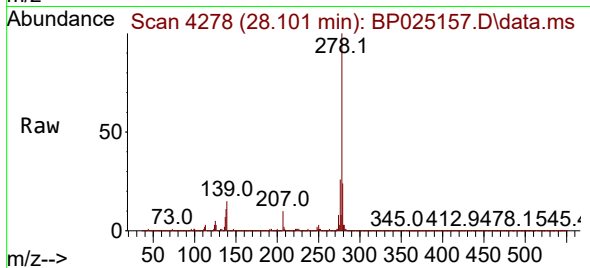
125 10.9 9.0 13.4





#91
Dibenzo(a,h)anthracene
Concen: 49.917 ng
RT: 28.101 min Scan# 41
Delta R.T. -0.035 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05

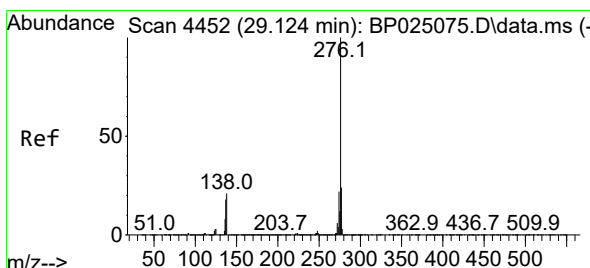
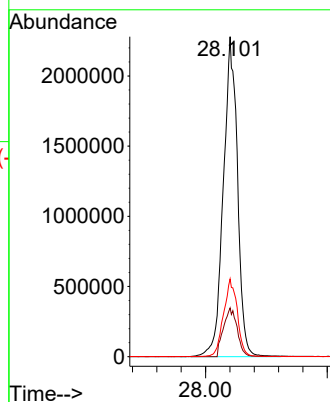
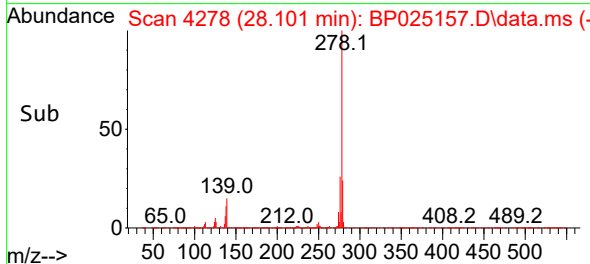
Instrument :
BNA_P
ClientSampleId :
PB168832BS



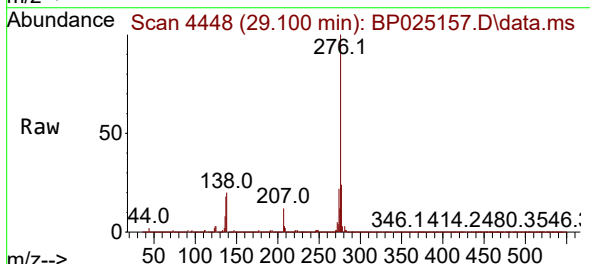
Tgt Ion:278 Resp: 922389
Ion Ratio Lower Upper
278 100
139 15.3 13.1 19.7
279 24.3 18.9 28.3

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Reviewed By :Rahul Chavli 07/17/2025
Supervised By :Jagrut Upadhyay 07/17/2025



#92
Benzo(g,h,i)perylene
Concen: 47.575 ng
RT: 29.100 min Scan# 4448
Delta R.T. -0.023 min
Lab File: BP025157.D
Acq: 16 Jul 2025 14:05



Tgt Ion:276 Resp: 9081442
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 20.5 16.9 25.3

