

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081125\
 Data File : BP025345.D
 Acq On : 11 Aug 2025 12:32
 Operator : CG/JU
 Sample : PB169159BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169159BS

Quant Time: Aug 11 13:17:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 06 06:41:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/12/2025
 Supervised By :Jagrut Upadhyay 08/12/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	248392	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	966218	20.000	ng	0.00
39) Acenaphthene-d10	14.413	164	568608	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	1069056	20.000	ng	0.00
76) Chrysene-d12	21.672	240	1126319	20.000	ng	0.01
86) Perylene-d12	25.042	264	1290720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1886354	122.143	ng	0.00
7) Phenol-d6	6.972	99	2236890	110.055	ng	0.00
23) Nitrobenzene-d5	8.943	82	1411634	80.940	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	821094	144.749	ng	0.00
45) 2-Fluorobiphenyl	13.025	172	3196597	77.649	ng	0.00
79) Terphenyl-d14	19.942	244	4732683	79.365	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	229076	37.587	ng	95
3) Pyridine	3.725	79	618730	36.541	ng	94
4) n-Nitrosodimethylamine	3.631	42	293444	37.329	ng	91
6) Aniline	7.131	93	808179	28.965	ng	97
8) 2-Chlorophenol	7.372	128	736595	43.573	ng	97
9) Benzaldehyde	6.943	77	380221m	26.339	ng	
10) Phenol	6.996	94	859666	39.530	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	675256	39.629	ng	98
12) 1,3-Dichlorobenzene	7.696	146	805012	42.381	ng	99
13) 1,4-Dichlorobenzene	7.837	146	822065	42.778	ng	98
14) 1,2-Dichlorobenzene	8.149	146	791287	42.506	ng	99
15) Benzyl Alcohol	8.031	79	578940	36.746	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	945370	35.121	ng	98
17) 2-Methylphenol	8.231	107	572200	39.322	ng	100
18) Hexachloroethane	8.872	117	304451	44.300	ng	99
19) n-Nitroso-di-n-propyla...	8.596	70	488515	36.582	ng	94
20) 3+4-Methylphenols	8.549	107	748832	37.371	ng	99
22) Acetophenone	8.607	105	1020170	42.059	ng	98
24) Nitrobenzene	8.984	77	728903	44.151	ng	96
25) Isophorone	9.507	82	1370466	39.476	ng	99
26) 2-Nitrophenol	9.690	139	361921	50.149	ng	96
27) 2,4-Dimethylphenol	9.749	122	647013	40.424	ng	98
28) bis(2-Chloroethoxy)met...	9.984	93	867186	41.062	ng	99
29) 2,4-Dichlorophenol	10.219	162	630178	44.972	ng	98
30) 1,2,4-Trichlorobenzene	10.437	180	699038	45.218	ng	100
31) Naphthalene	10.625	128	2187072	43.603	ng	100
32) Benzoic acid	9.866	122	460840	49.731	ng	96
33) 4-Chloroaniline	10.725	127	441658	19.798	ng	98
34) Hexachlorobutadiene	10.913	225	414592	46.719	ng	98
35) Caprolactam	11.490	113	211523	38.911	ng	88
36) 4-Chloro-3-methylphenol	11.843	107	655915	40.454	ng	97
37) 2-Methylnaphthalene	12.225	142	1342634	41.356	ng	99
38) 1-Methylnaphthalene	12.448	142	1397083	41.242	ng	100
40) 1,2,4,5-Tetrachloroben...	12.601	216	716195	46.135	ng	99
41) Hexachlorocyclopentadiene	12.590	237	994817	103.831	ng	100
43) 2,4,6-Trichlorophenol	12.837	196	483119	48.175	ng	99

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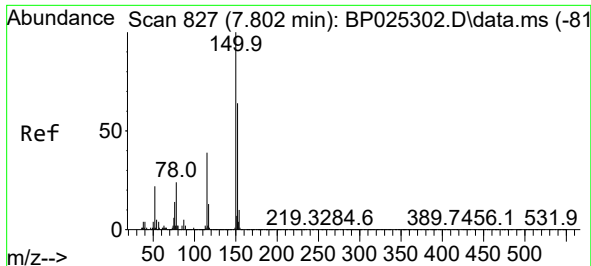
Manual Integrations
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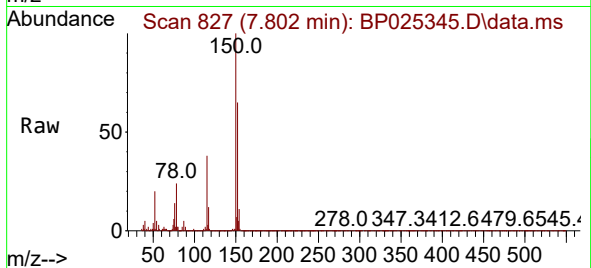
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	536369	47.679	ng	98
46) 1,1'-Biphenyl	13.243	154	1836973	43.838	ng	99
47) 2-Chloronaphthalene	13.284	162	1429637	44.719	ng	99
48) 2-Nitroaniline	13.478	65	406168	43.657	ng	94
49) Acenaphthylene	14.137	152	2349085	44.052	ng	100
50) Dimethylphthalate	13.866	163	1738518	41.942	ng	99
51) 2,6-Dinitrotoluene	13.972	165	376862	49.290	ng	93
52) Acenaphthene	14.484	154	1621672	49.856	ng	98
53) 3-Nitroaniline	14.301	138	276762	30.935	ng #	93
54) 2,4-Dinitrophenol	14.519	184	413757	90.074	ng #	48
55) Dibenzofuran	14.825	168	2111067	43.431	ng	99
56) 4-Nitrophenol	14.613	139	703497	89.097	ng	95
57) 2,4-Dinitrotoluene	14.778	165	536110	45.420	ng	95
58) Fluorene	15.484	166	1701727	44.574	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.048	232	453616	48.272	ng	98
60) Diethylphthalate	15.254	149	1774150	42.454	ng	99
61) 4-Chlorophenyl-phenyle...	15.478	204	813979	44.974	ng	99
62) 4-Nitroaniline	15.489	138	416619	46.997	ng	93
63) Azobenzene	15.778	77	1584150	40.805	ng	97
65) 4,6-Dinitro-2-methylph...	15.554	198	278520	55.529	ng	95
66) n-Nitrosodiphenylamine	15.689	169	1468662	45.119	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	511858	47.586	ng	96
68) Hexachlorobenzene	16.513	284	571390	47.342	ng	96
69) Atrazine	16.666	200	540143	47.185	ng	99
70) Pentachlorophenol	16.860	266	786980	102.344	ng	99
71) Phenanthrene	17.260	178	2633568	44.977	ng	99
72) Anthracene	17.354	178	2703803	45.797	ng	100
73) Carbazole	17.631	167	2545815	44.921	ng	100
74) Di-n-butylphthalate	18.236	149	3196716	46.625	ng	100
75) Fluoranthene	19.348	202	3114329	45.946	ng	99
77) Benzidine	19.530	184	1121795	27.518	ng	99
78) Pyrene	19.725	202	3263515	43.573	ng	100
80) Butylbenzylphthalate	20.677	149	1579543	52.000	ng	98
81) Benzo(a)anthracene	21.654	228	3351579	44.779	ng	100
82) 3,3'-Dichlorobenzidine	21.566	252	924778	35.019	ng	100
83) Chrysene	21.713	228	3150557	45.384	ng	100
84) Bis(2-ethylhexyl)phtha...	21.607	149	2433433	50.170	ng	99
85) Di-n-octyl phthalate	22.913	149	4279195	52.709	ng	97
87) Indeno(1,2,3-cd)pyrene	28.901	276	4280339m	46.267	ng	
88) Benzo(b)fluoranthene	23.995	252	3489752	45.166	ng	99
89) Benzo(k)fluoranthene	24.071	252	3543475	46.263	ng	99
90) Benzo(a)pyrene	24.901	252	3422279	45.994	ng	100
91) Dibenzo(a,h)anthracene	29.001	278	3511958	46.352	ng	98
92) Benzo(g,h,i)perylene	30.095	276	3420865	46.004	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.802 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

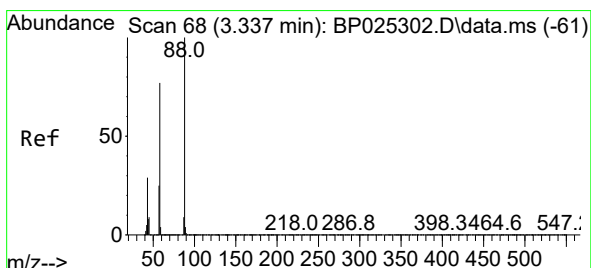
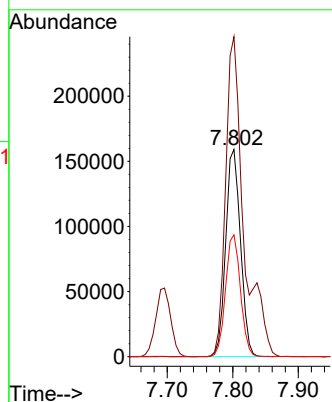
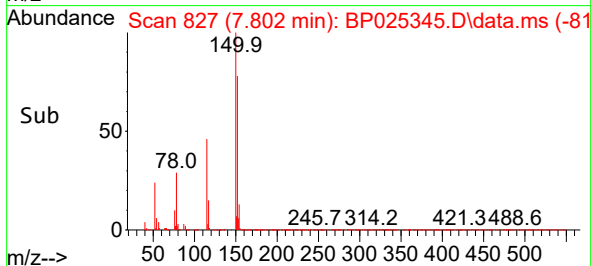
Instrument :
BNA_P
ClientSampleId :
PB169159BS



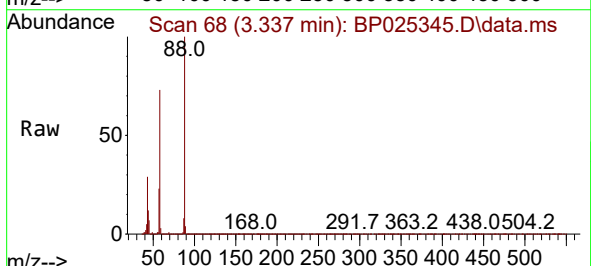
Tgt Ion:152 Resp: 248392
Ion Ratio Lower Upper
152 100
150 154.4 125.1 187.7
115 58.9 48.4 72.6

Manual Integrations
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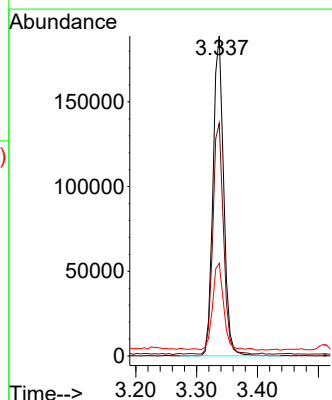
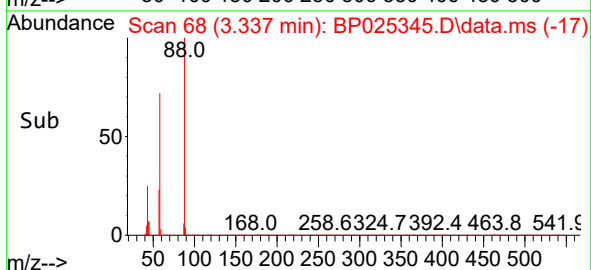
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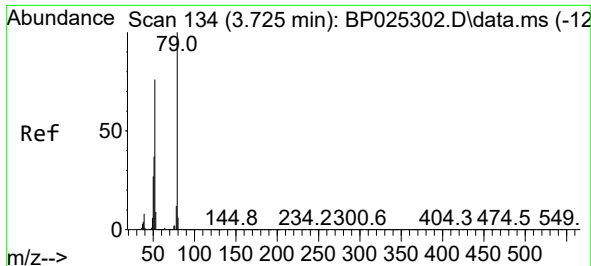


#2
1,4-Dioxane
Concen: 37.587 ng
RT: 3.337 min Scan# 68
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



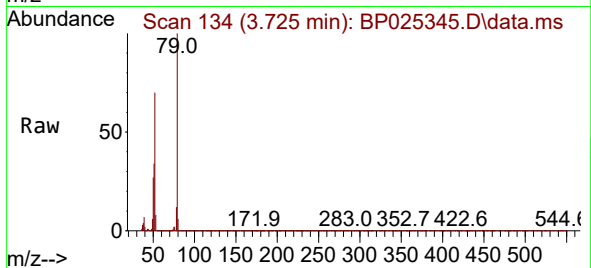
Tgt Ion: 88 Resp: 229076
Ion Ratio Lower Upper
88 100
58 72.2 61.9 92.9
43 28.4 24.2 36.2





#3
Pyridine
Concen: 36.541 ng
RT: 3.725 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

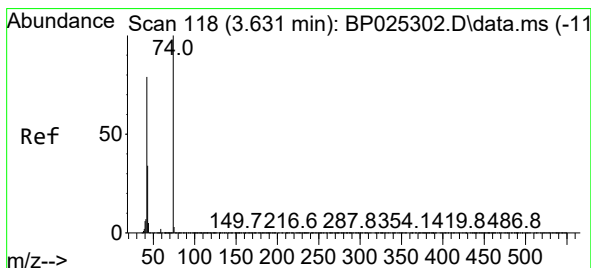
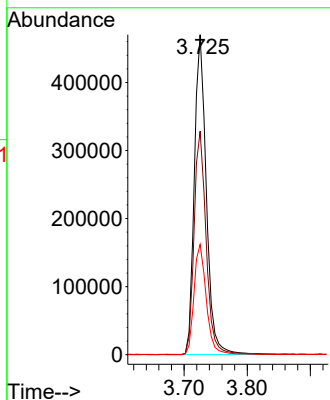
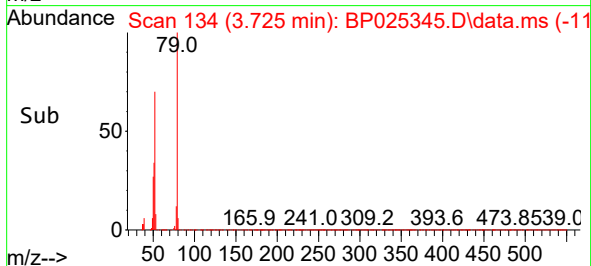
Instrument :
BNA_P
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Tgt Ion: 79 Resp: 618730
Ion Ratio Lower Upper
79 100
52 69.8 60.5 90.7
51 34.4 30.2 45.2

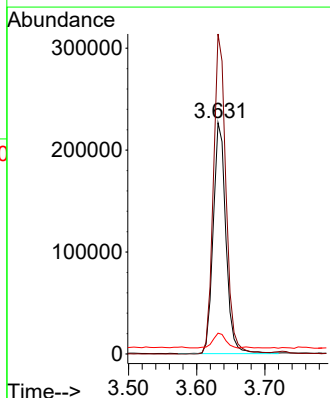
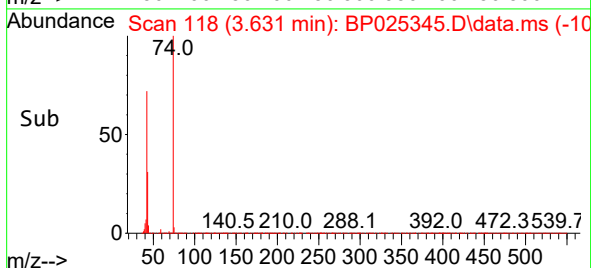
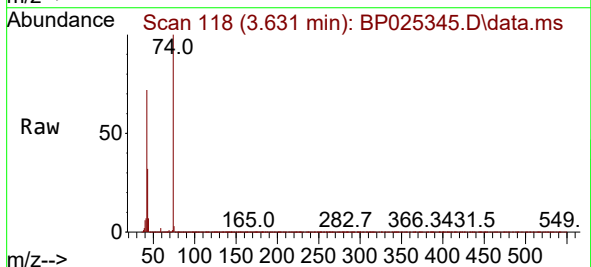
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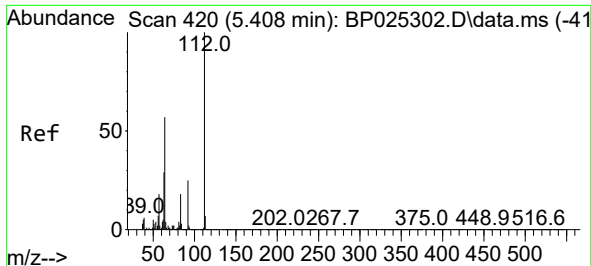
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Supervised By :Jagrut Upadhyay 08/12/2025



#4
n-Nitrosodimethylamine
Concen: 37.329 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

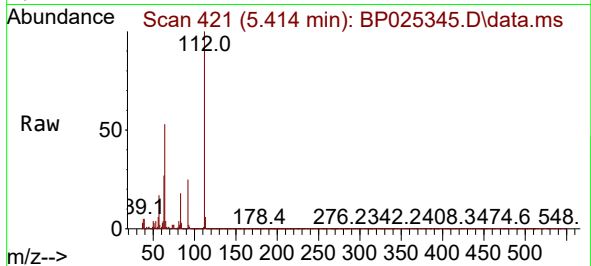
Tgt Ion: 42 Resp: 293444
Ion Ratio Lower Upper
42 100
74 138.4 101.4 152.2
44 9.0 7.6 11.4





#5
2-Fluorophenol
Concen: 122.143 ng
RT: 5.414 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

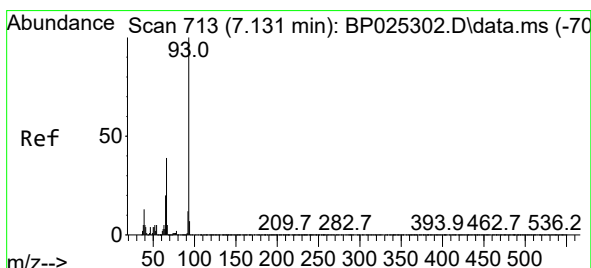
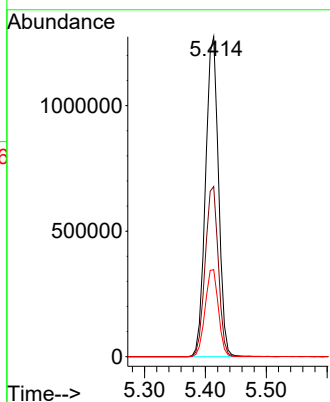
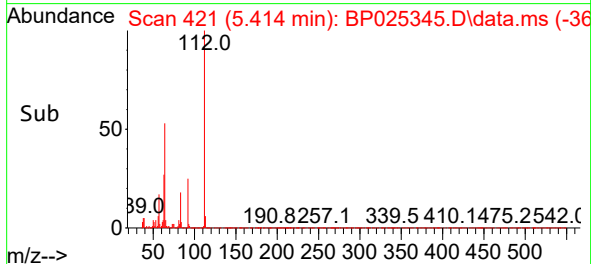
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ClientSampleId :
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Tgt Ion:112 Resp: 1886354
Ion Ratio Lower Upper
112 100
64 53.1 45.3 67.9
63 27.2 23.0 34.6

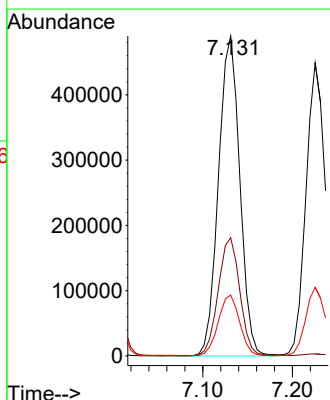
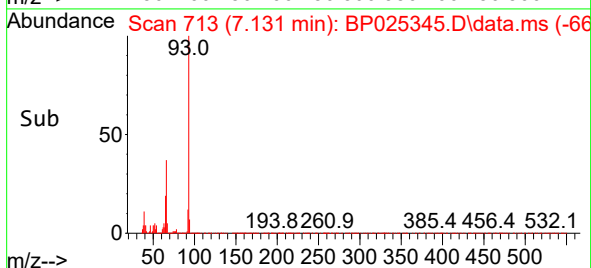
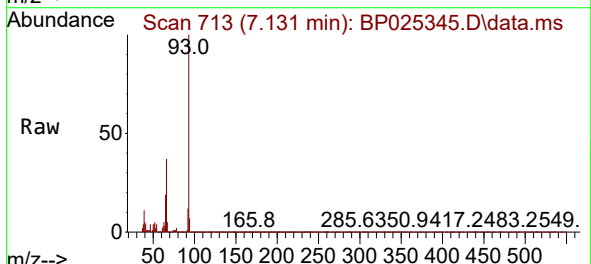
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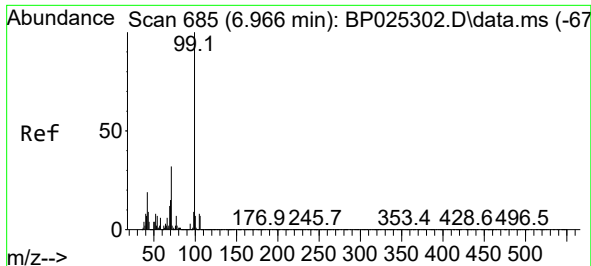
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#6
Aniline
Concen: 28.965 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

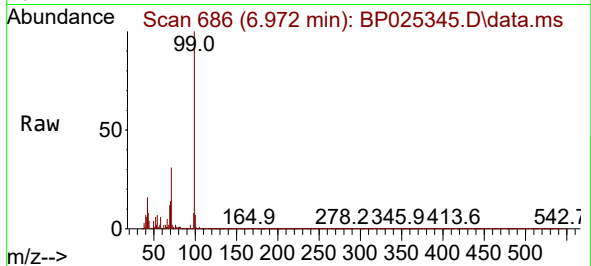
Tgt Ion: 93 Resp: 808179
Ion Ratio Lower Upper
93 100
66 36.9 31.1 46.7
65 19.1 15.8 23.8





#7
Phenol-d6
Concen: 110.055 ng
RT: 6.972 min Scan# 685
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

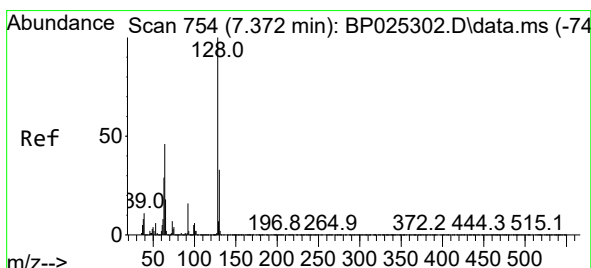
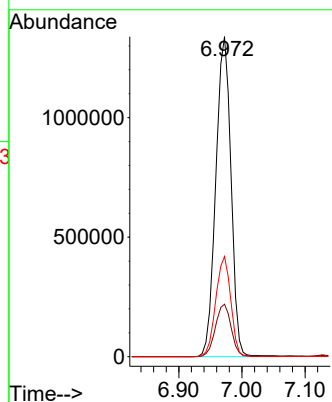
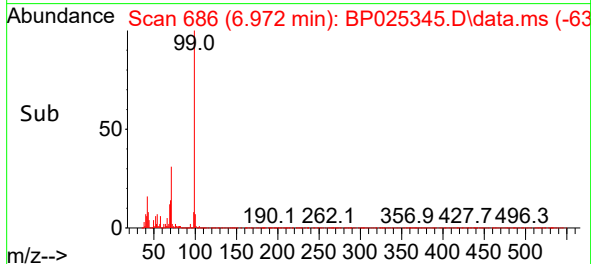
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Tgt Ion: 99 Resp: 2236890
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 31.3 25.5 38.3

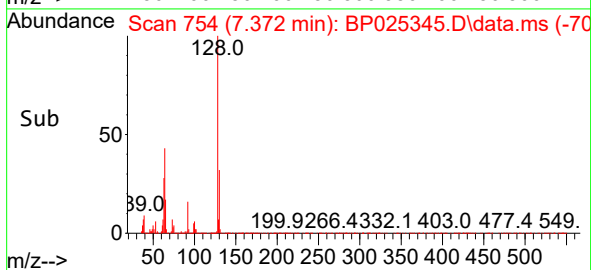
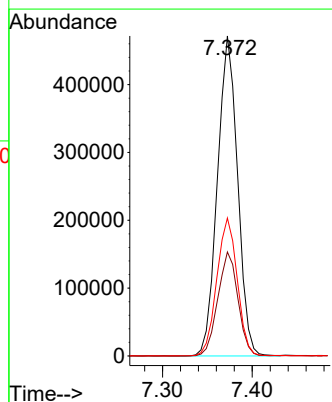
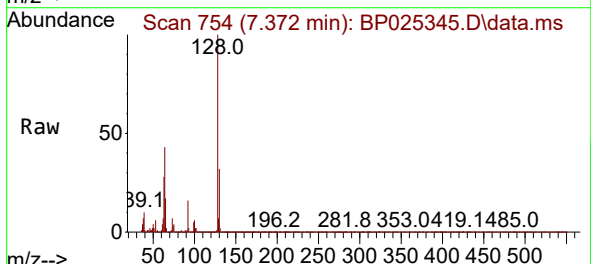
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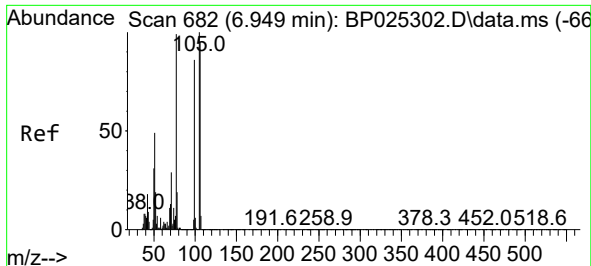
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#8
2-Chlorophenol
Concen: 43.573 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

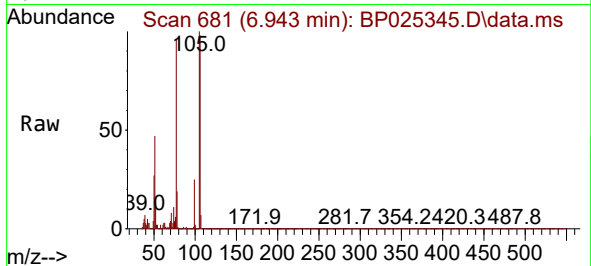
Tgt Ion:128 Resp: 736595
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 43.1 26.1 66.1





#9
Benzaldehyde
Concen: 26.339 ng m
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

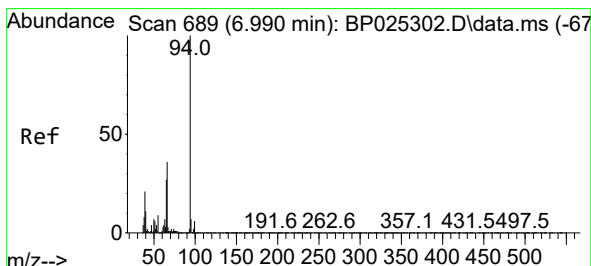
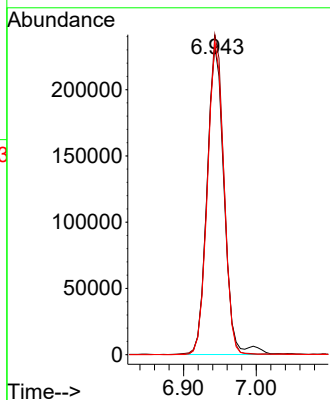
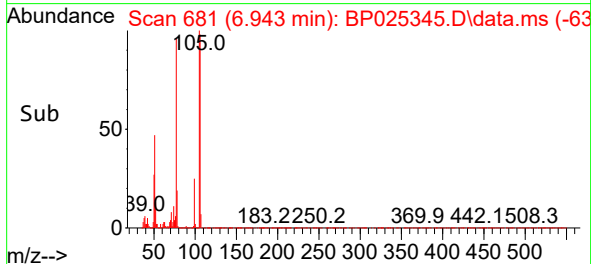
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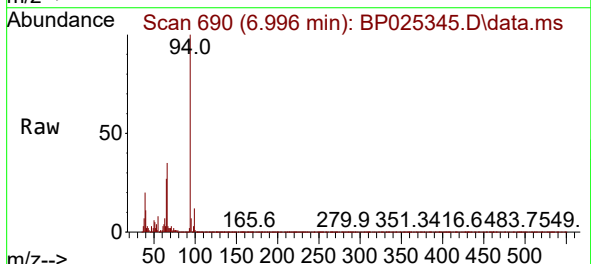
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Ion Ratio Lower Upper
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105 103.7 81.4 121.4
106 101.2 76.2 116.2

Manual Integrations
APPROVED

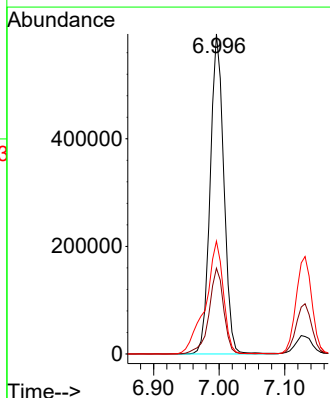
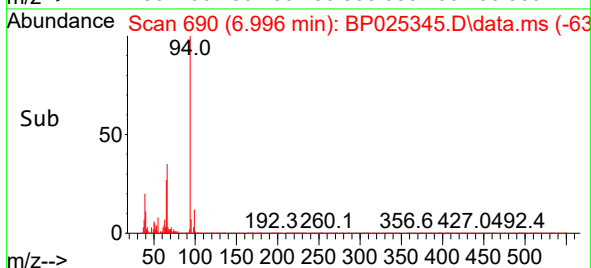
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

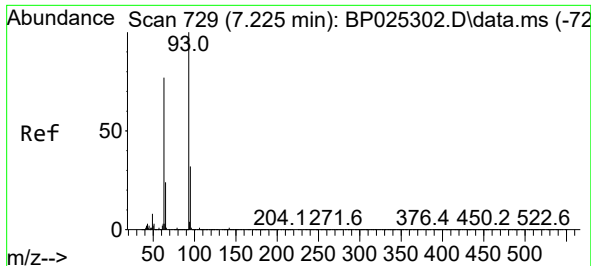


#10
Phenol
Concen: 39.530 ng
RT: 6.996 min Scan# 690
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



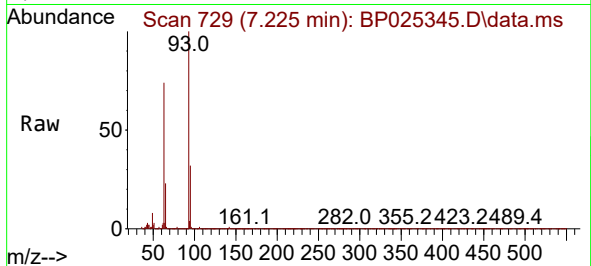
Tgt Ion: 94 Resp: 859666
Ion Ratio Lower Upper
94 100
65 26.8 7.3 47.3
66 35.2 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 39.629 ng
RT: 7.225 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

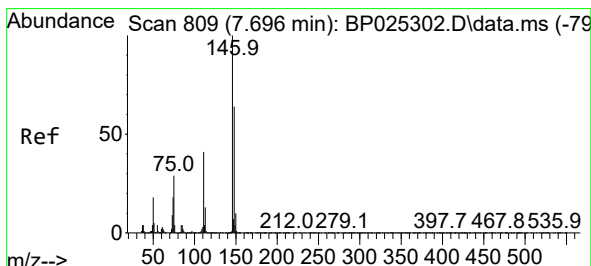
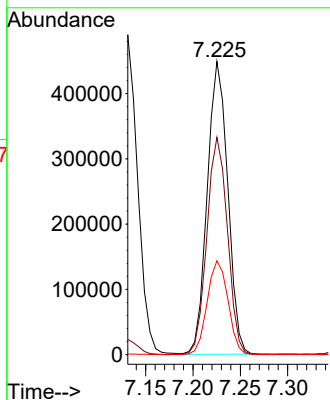
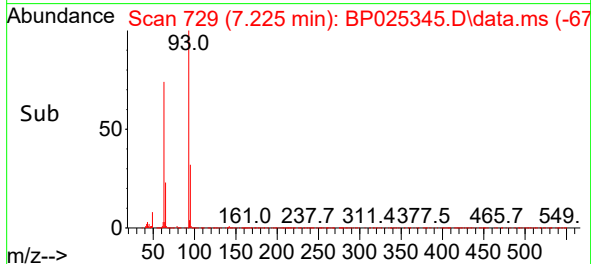
Instrument :
BNA_P
ClientSampleId :
PB169159BS



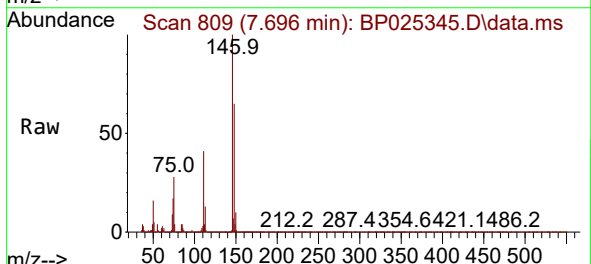
Tgt Ion: 93 Resp: 675250
Ion Ratio Lower Upper
93 100
63 74.2 57.0 97.0
95 32.0 12.1 52.1

Manual Integrations
APPROVED

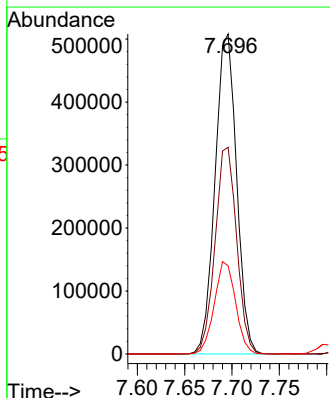
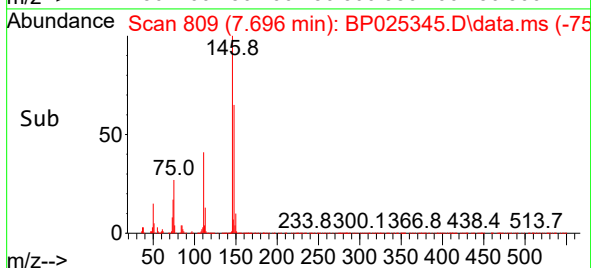
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

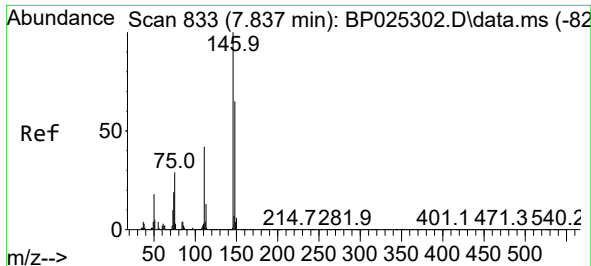


#12
1,3-Dichlorobenzene
Concen: 42.381 ng
RT: 7.696 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:146 Resp: 805012
Ion Ratio Lower Upper
146 100
148 64.6 51.1 76.7
75 27.6 23.2 34.8





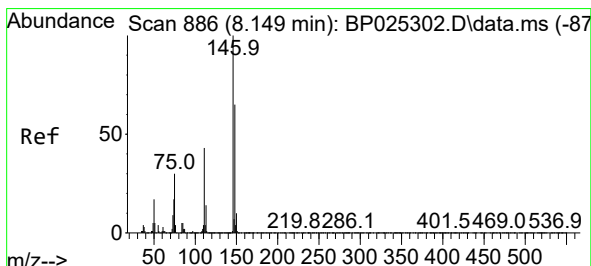
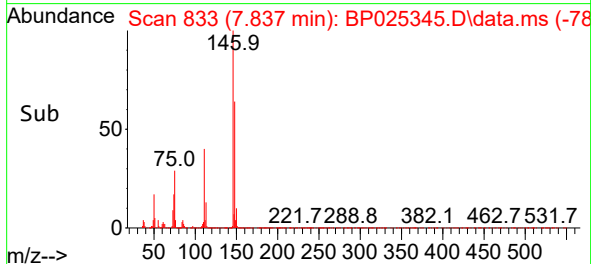
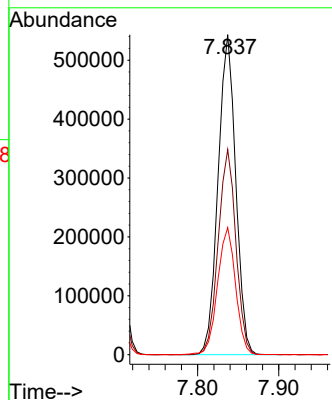
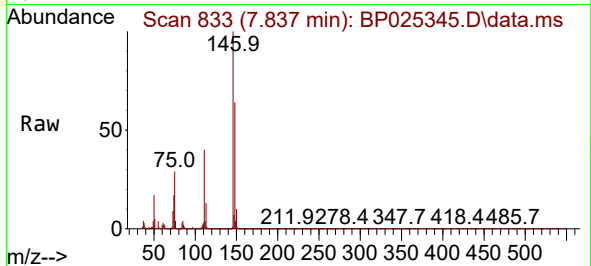
#13
1,4-Dichlorobenzene
Concen: 42.778 ng
RT: 7.837 min Scan# 833
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :
BNA_P
ClientSampleId :
PB169159BS

Tgt Ion:146 Resp: 82206
Ion Ratio Lower Upper
146 100
148 64.1 52.0 78.0
111 39.7 33.2 49.8

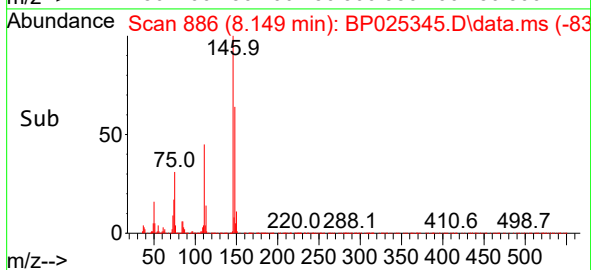
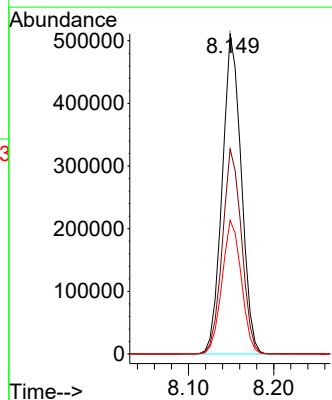
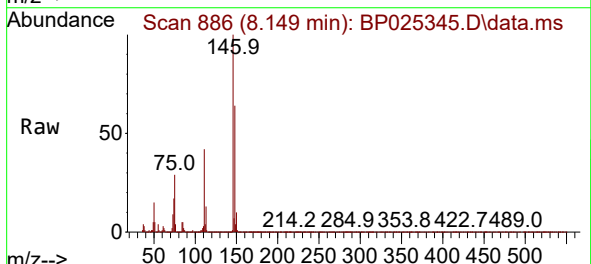
Manual Integrations
APPROVED

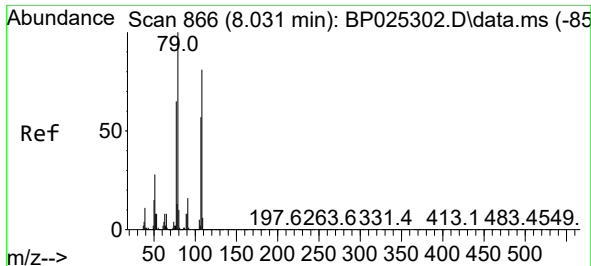
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#14
1,2-Dichlorobenzene
Concen: 42.506 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

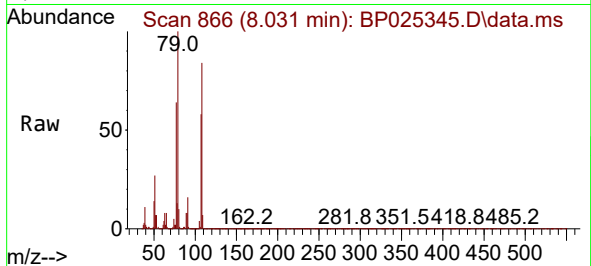
Tgt Ion:146 Resp: 791287
Ion Ratio Lower Upper
146 100
148 64.1 51.9 77.9
111 41.8 34.4 51.6





#15
Benzyl Alcohol
Concen: 36.746 ng
RT: 8.031 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

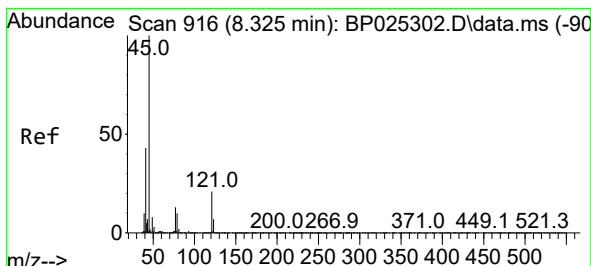
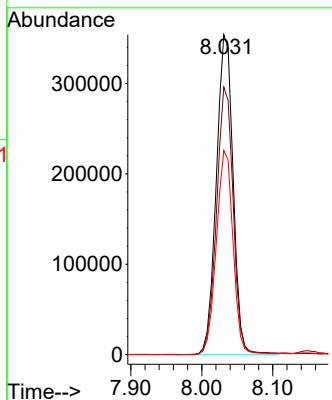
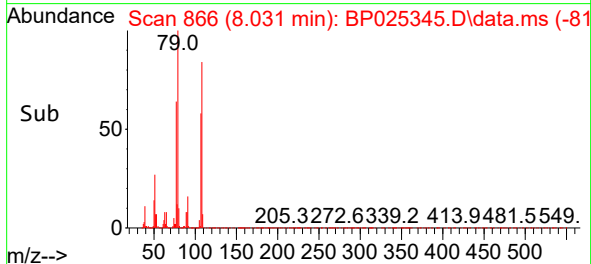
Instrument :
BNA_P
ClientSampleId :
PB169159BS



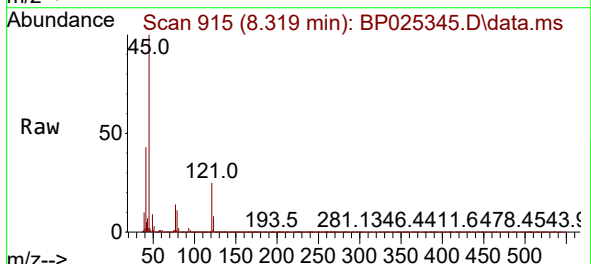
Tgt Ion: 79 Resp: 578940
Ion Ratio Lower Upper
79 100
108 83.6 64.5 96.7
77 63.8 51.9 77.9

Manual Integrations
APPROVED

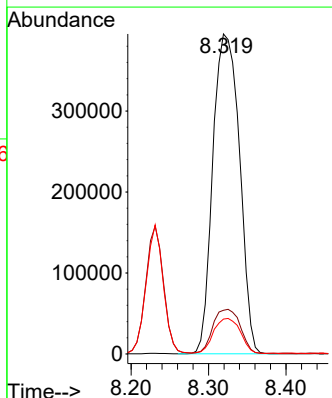
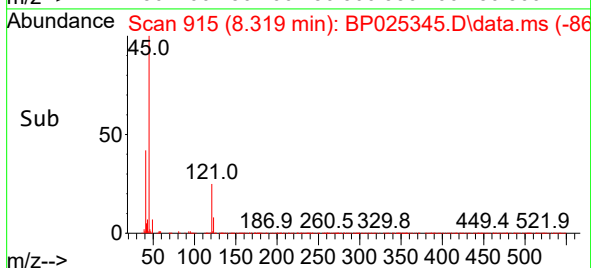
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

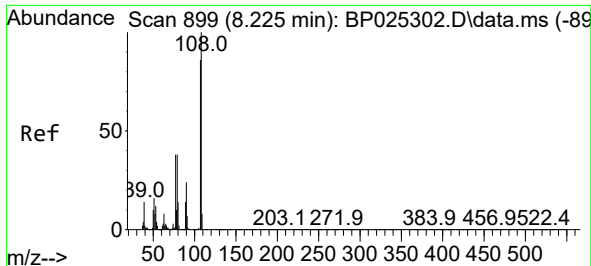


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.121 ng
RT: 8.319 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion: 45 Resp: 945370
Ion Ratio Lower Upper
45 100
77 13.6 0.0 33.0
79 10.9 0.0 29.8





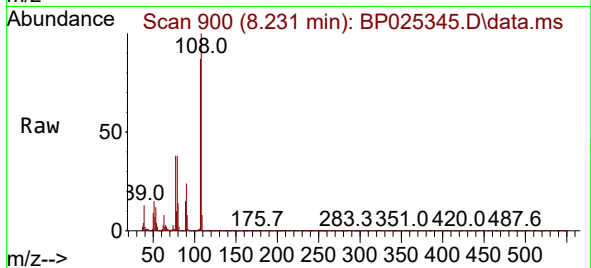
#17
2-Methylphenol
Concen: 39.322 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS



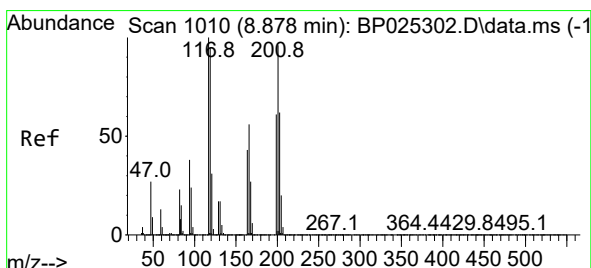
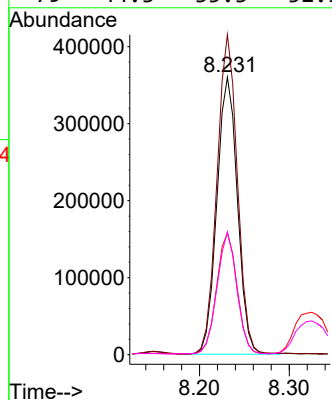
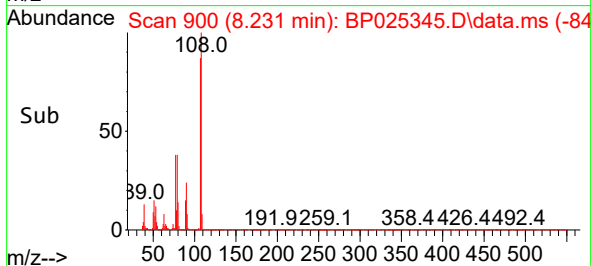
Tgt Ion:107 Resp: 572200
Ion Ratio Lower Upper
107 100
108 115.4 92.6 139.0
77 43.9 35.4 53.2
79 44.3 35.3 52.9

Manual Integrations

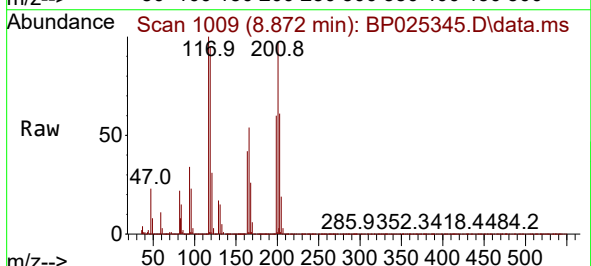
APPROVED

Reviewed By :Rahul Chavli 08/12/2025

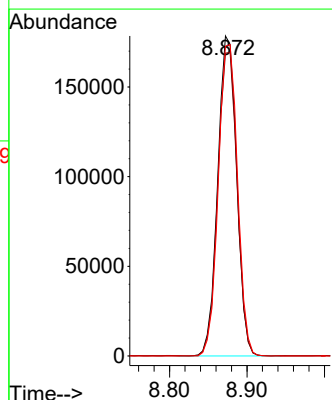
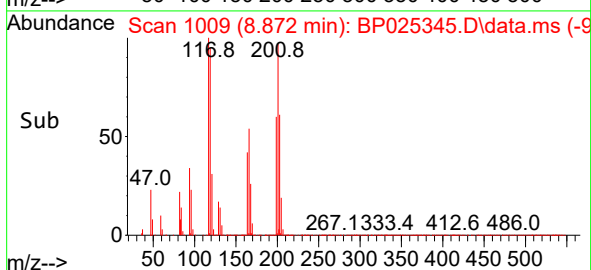
Supervised By :Jagrut Upadhyay 08/12/2025

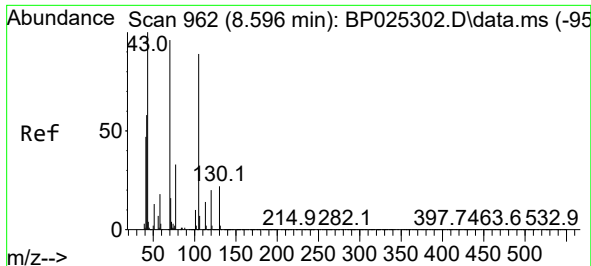


#18
Hexachloroethane
Concen: 44.300 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:117 Resp: 304451
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 96.8 76.6 114.8





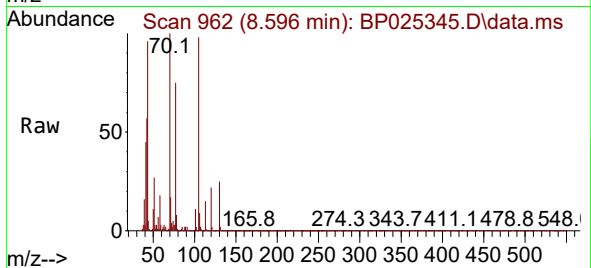
#19
n-Nitroso-di-n-propylamine
Concen: 36.582 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS



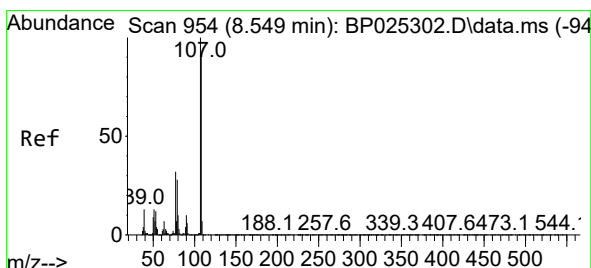
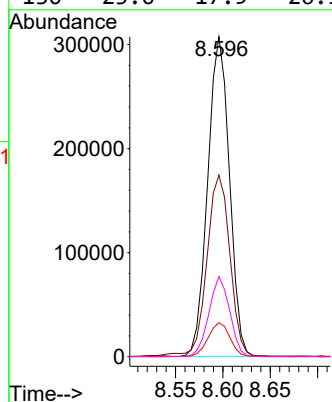
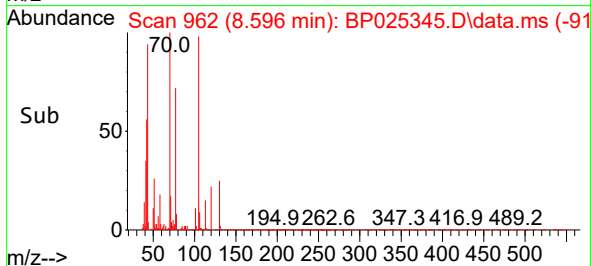
Tgt Ion: 70 Resp: 48851
Ion Ratio Lower Upper
70 100
42 56.7 49.4 74.0
101 10.7 7.9 11.9
130 25.0 17.9 26.9

Manual Integrations

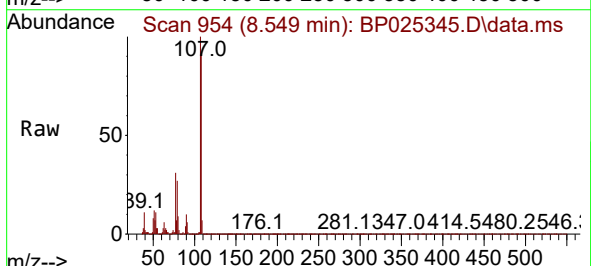
APPROVED

Reviewed By :Rahul Chavli 08/12/2025

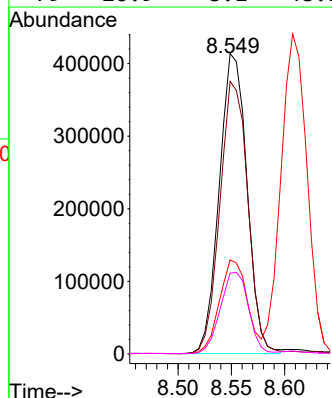
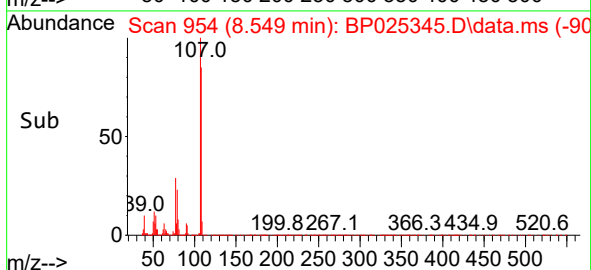
Supervised By :Jagrut Upadhyay 08/12/2025

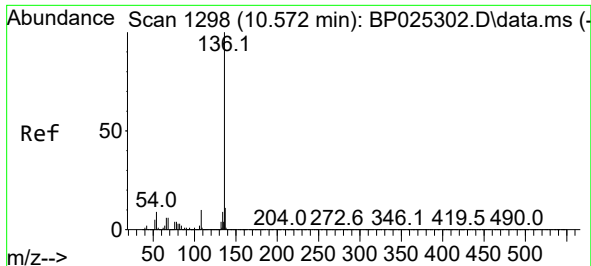


#20
3+4-Methylphenols
Concen: 37.371 ng
RT: 8.549 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



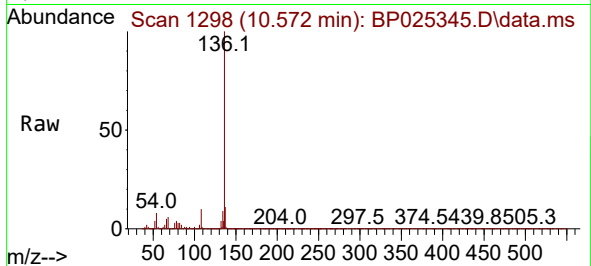
Tgt Ion:107 Resp: 748832
Ion Ratio Lower Upper
107 100
108 90.7 71.9 111.9
77 31.3 12.0 52.0
79 26.9 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

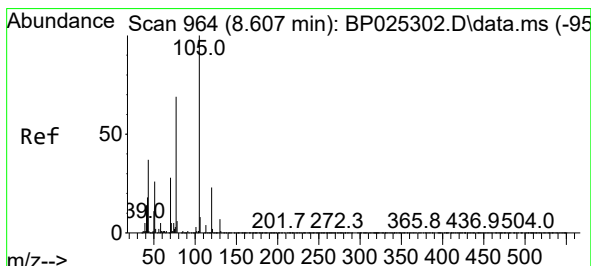
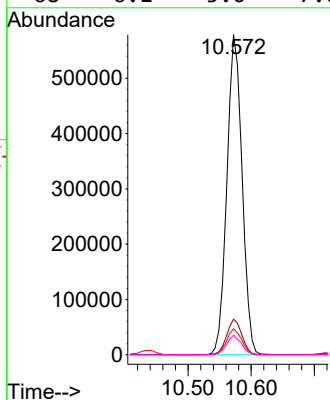
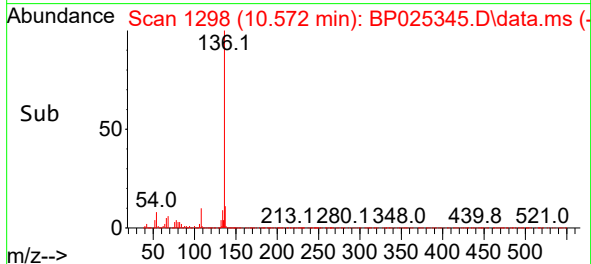
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:136 Resp: 966218
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.1 7.0 10.6
68 6.1 5.0 7.6

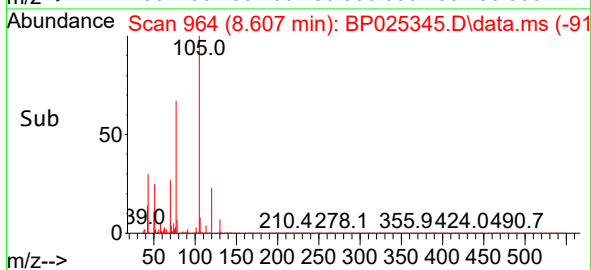
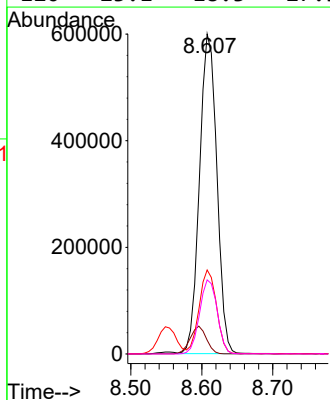
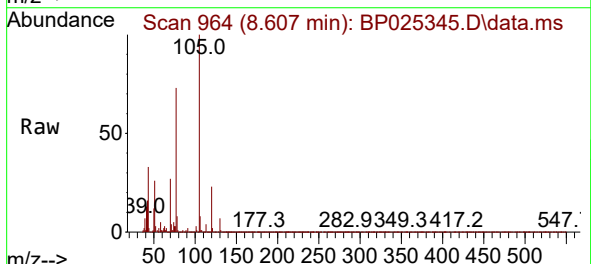
Manual Integrations
APPROVED

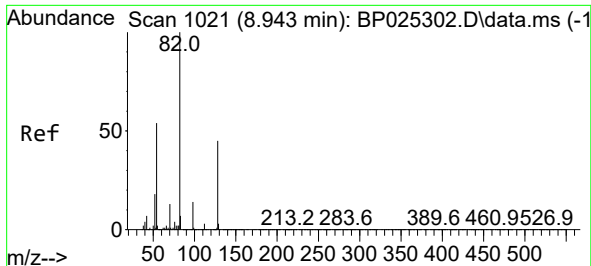
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#22
Acetophenone
Concen: 42.059 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.001 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

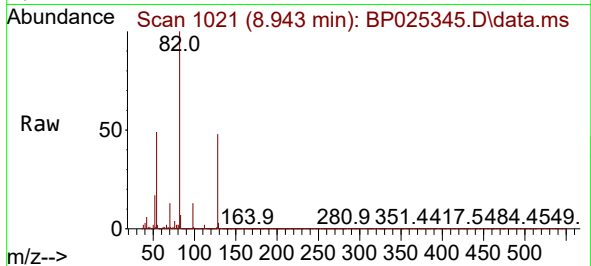
Tgt Ion:105 Resp: 1020170
Ion Ratio Lower Upper
105 100
71 4.3 4.1 6.1
51 26.3 22.7 34.1
120 23.1 18.3 27.5





#23
Nitrobenzene-d5
Concen: 80.940 ng
RT: 8.943 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

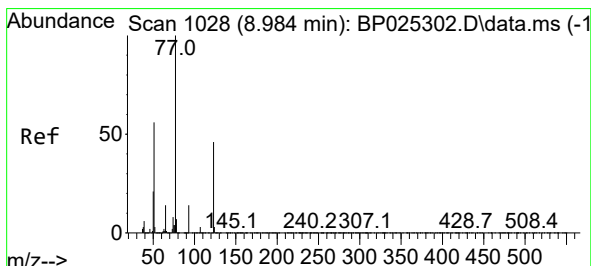
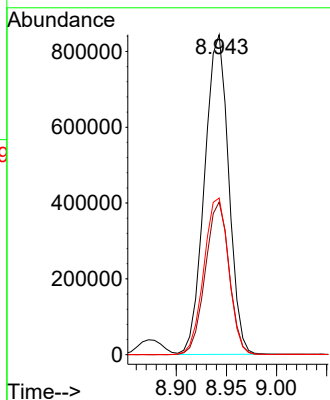
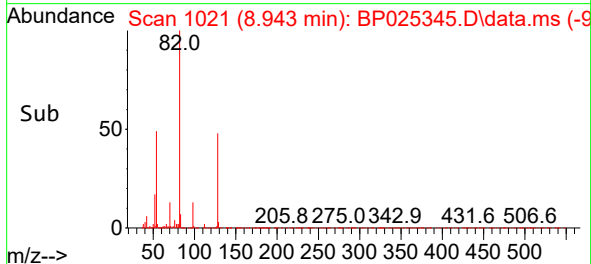
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion: 82 Resp: 1411634
Ion Ratio Lower Upper
82 100
128 47.7 35.4 53.2
54 49.0 42.9 64.3

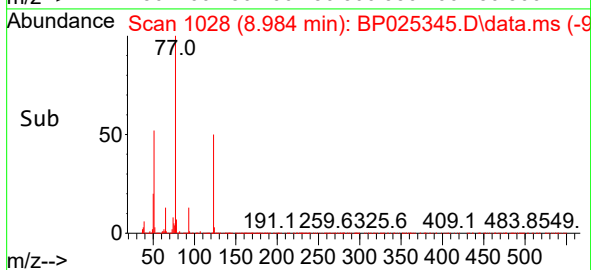
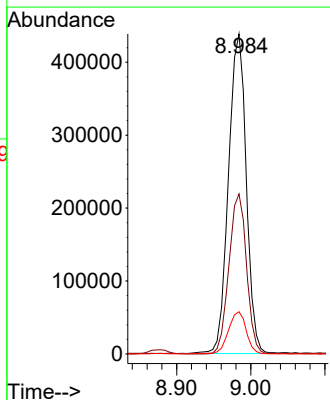
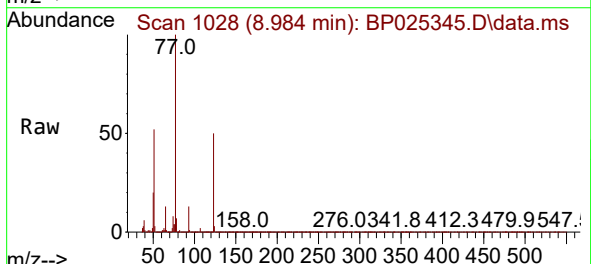
Manual Integrations
APPROVED

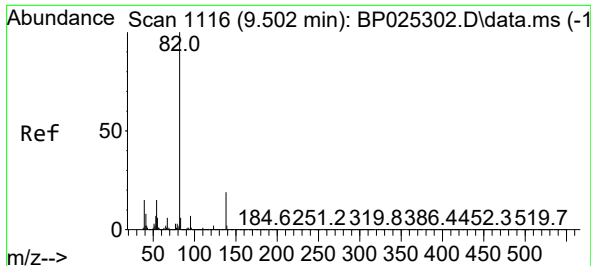
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#24
Nitrobenzene
Concen: 44.151 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

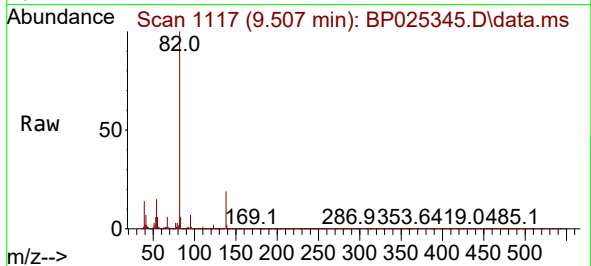
Tgt Ion: 77 Resp: 728903
Ion Ratio Lower Upper
77 100
123 50.0 37.4 56.2
65 13.2 11.1 16.7





#25
Isophorone
Concen: 39.476 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

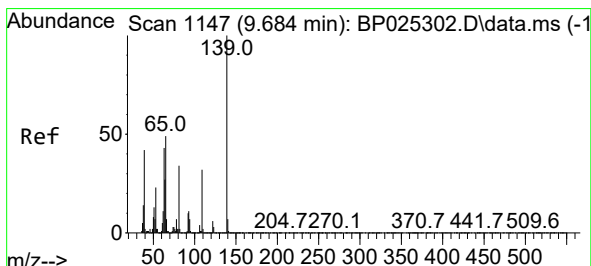
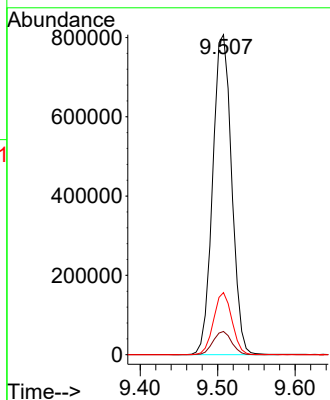
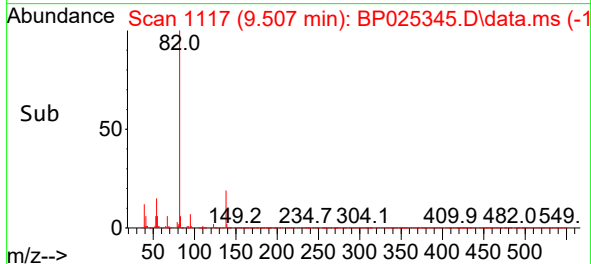
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion: 82 Resp: 1370460
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.4 15.0 22.6

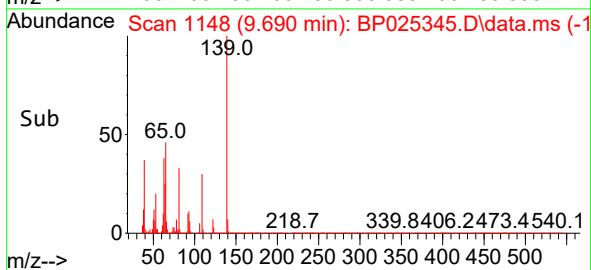
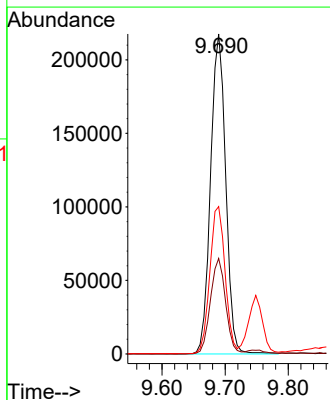
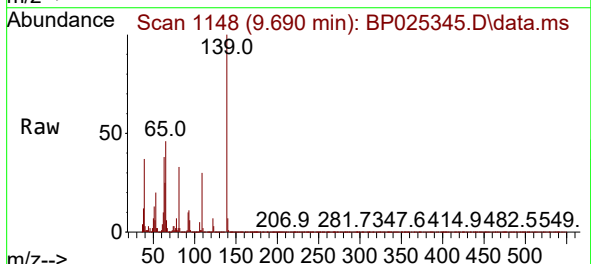
Manual Integrations
APPROVED

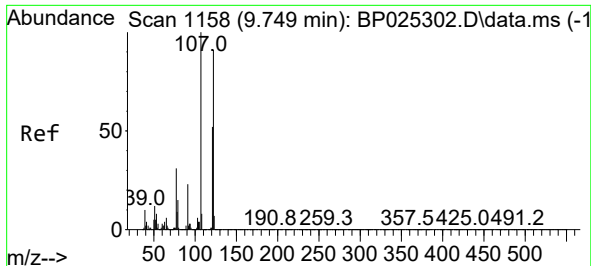
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#26
2-Nitrophenol
Concen: 50.149 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

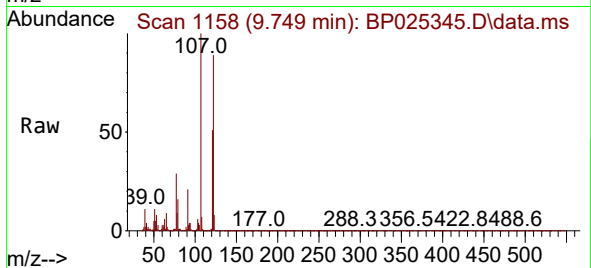
Tgt Ion:139 Resp: 361921
Ion Ratio Lower Upper
139 100
109 29.9 25.2 37.8
65 46.1 39.6 59.4





#27
2,4-Dimethylphenol
Concen: 40.424 ng
RT: 9.749 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

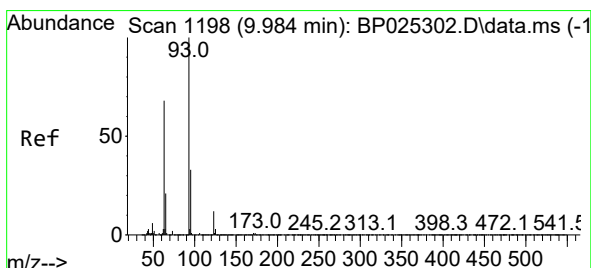
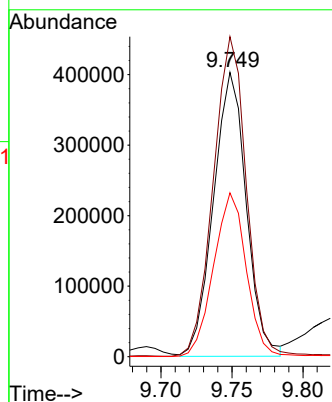
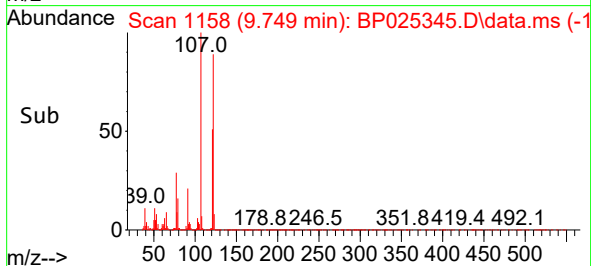
Instrument :
BNA_P
ClientSampleId :
PB169159BS



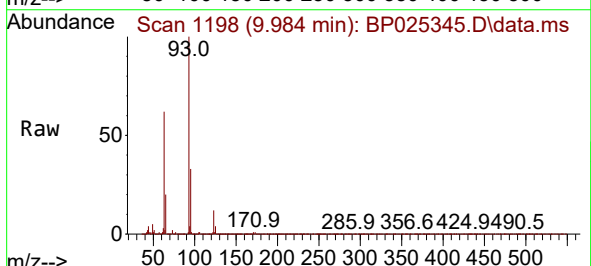
Tgt Ion:122 Resp: 647011
Ion Ratio Lower Upper
122 100
107 112.5 87.4 131.0
121 57.6 45.8 68.8

Manual Integrations
APPROVED

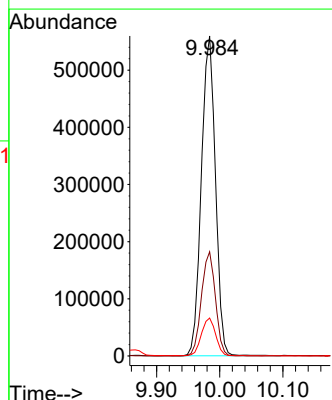
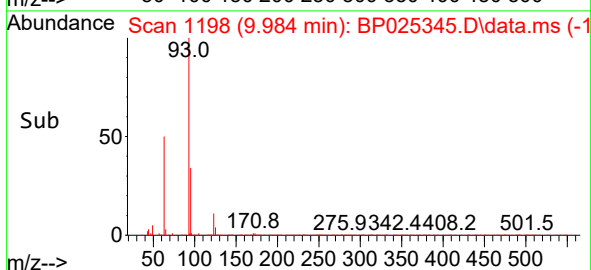
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

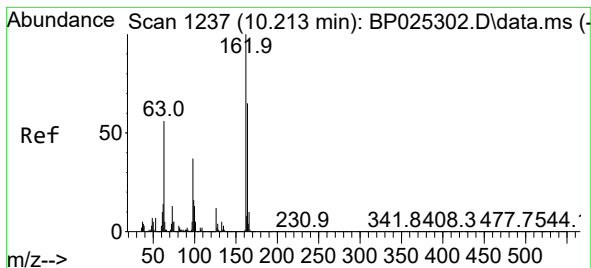


#28
bis(2-Chloroethoxy)methane
Concen: 41.062 ng
RT: 9.984 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



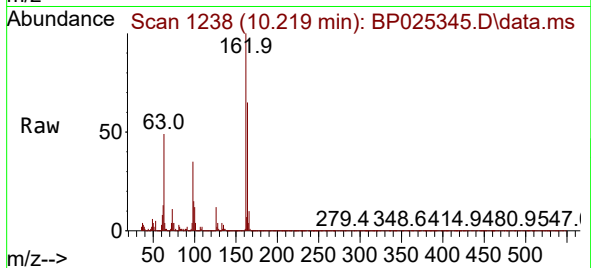
Tgt Ion: 93 Resp: 867186
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.8 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 44.972 ng
RT: 10.219 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

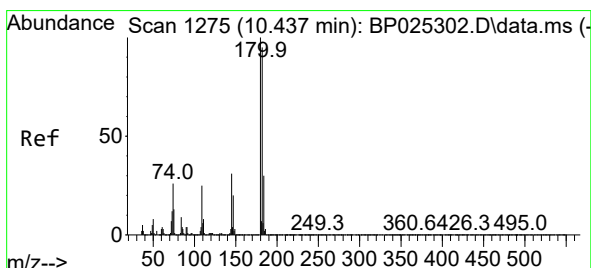
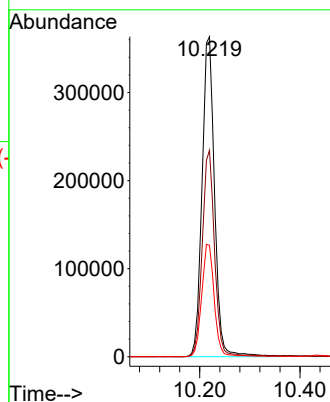
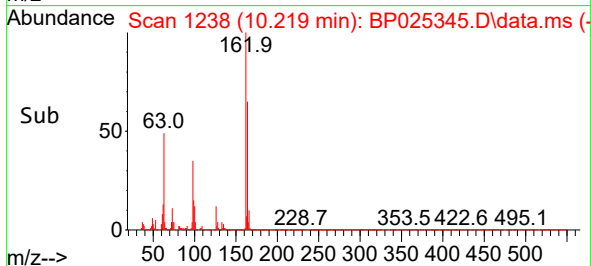
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:162 Resp: 630178
Ion Ratio Lower Upper
162 100
164 64.5 45.2 85.2
98 34.8 17.5 57.5

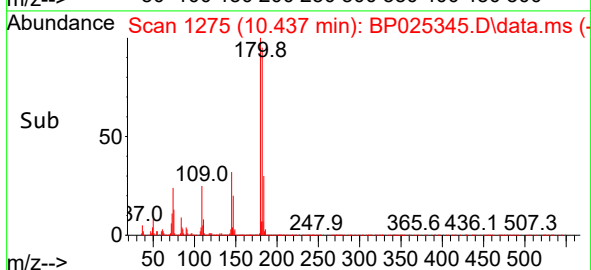
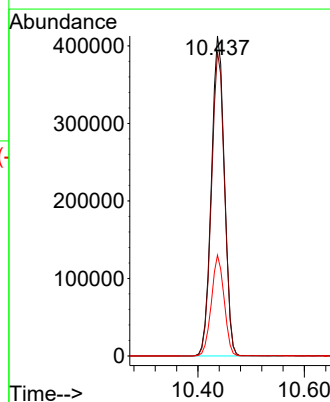
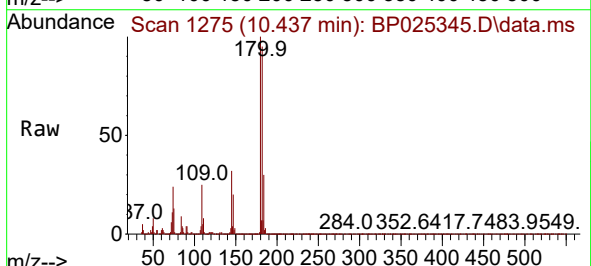
Manual Integrations
APPROVED

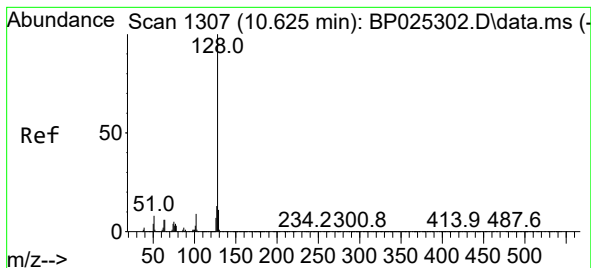
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.218 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

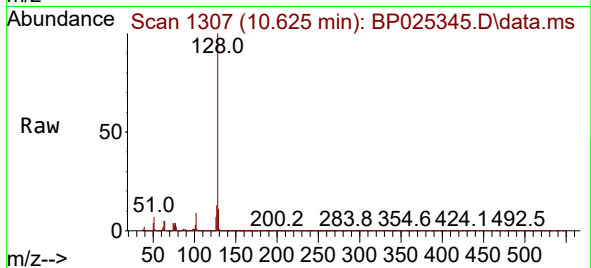
Tgt Ion:180 Resp: 699038
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 31.5 25.0 37.4





#31
Naphthalene
Concen: 43.603 ng
RT: 10.625 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

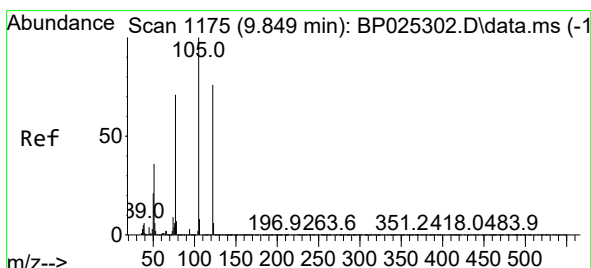
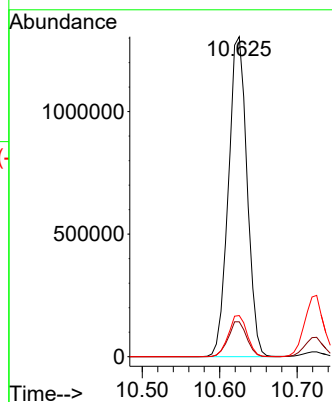
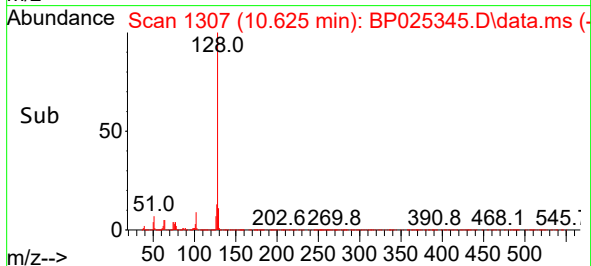
Instrument :
BNA_P
ClientSampleId :
PB169159BS



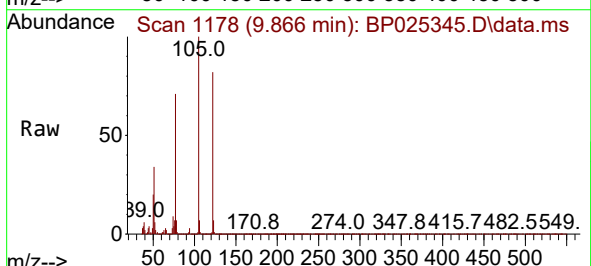
Tgt Ion:128 Resp: 2187072
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.8 10.4 15.6

Manual Integrations
APPROVED

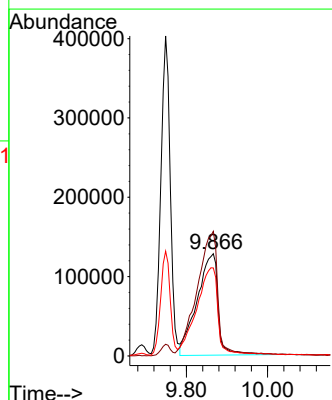
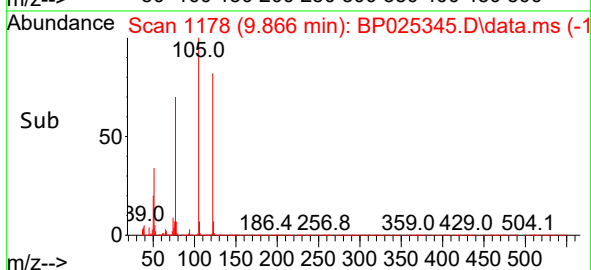
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

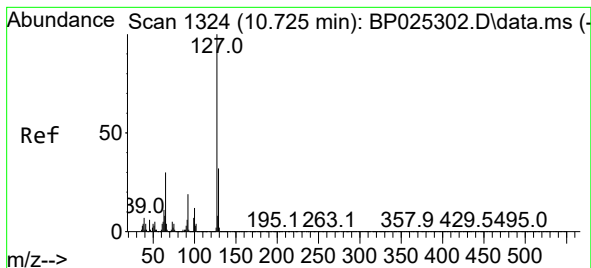


#32
Benzoic acid
Concen: 49.731 ng
RT: 9.866 min Scan# 1178
Delta R.T. 0.017 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:122 Resp: 460840
Ion Ratio Lower Upper
122 100
105 122.0 104.0 144.0
77 86.2 71.8 111.8





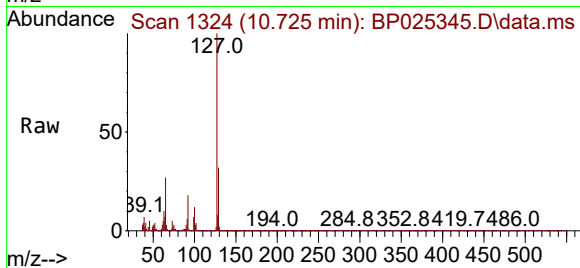
#33
4-Chloroaniline
Concen: 19.798 ng
RT: 10.725 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS



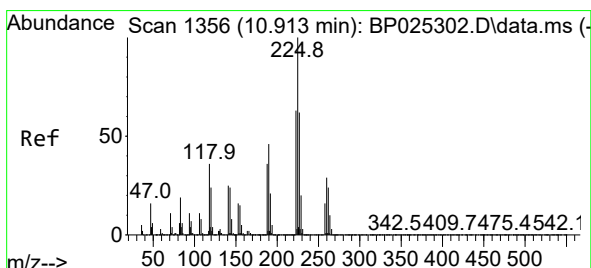
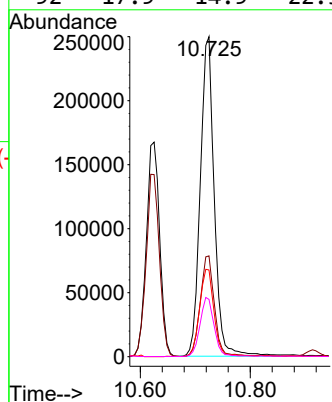
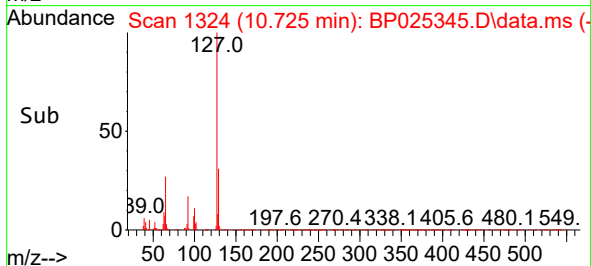
Tgt Ion:127 Resp: 441658
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.6
65 27.1 23.6 35.4
92 17.9 14.9 22.3

Manual Integrations

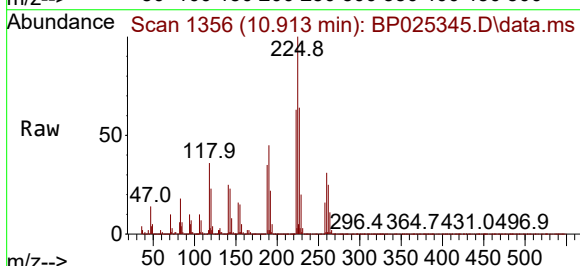
APPROVED

Reviewed By :Rahul Chavli 08/12/2025

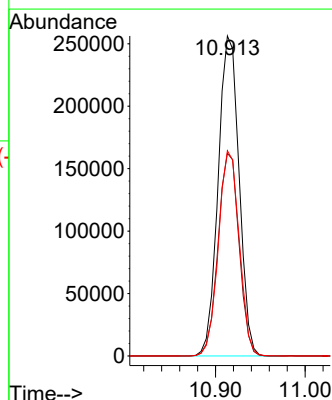
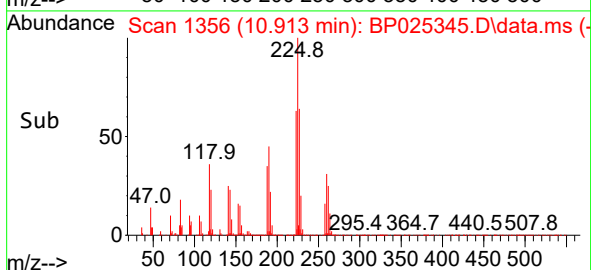
Supervised By :Jagrut Upadhyay 08/12/2025

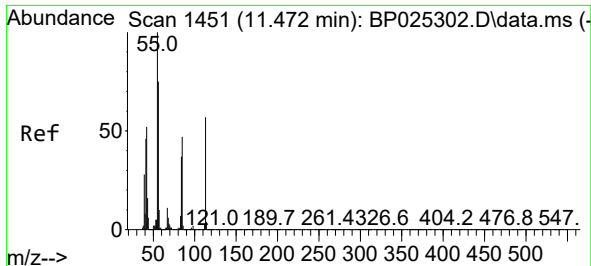


#34
Hexachlorobutadiene
Concen: 46.719 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



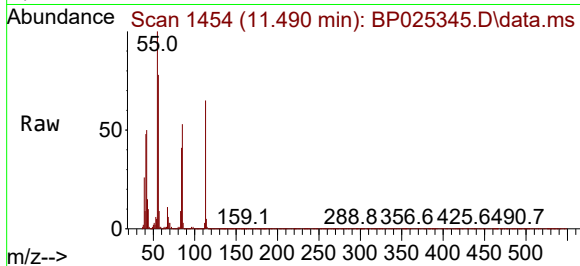
Tgt Ion:225 Resp: 414592
Ion Ratio Lower Upper
225 100
223 63.4 50.3 75.5
227 64.2 49.7 74.5





#35
Caprolactam
Concen: 38.911 ng
RT: 11.490 min Scan# 1451
Delta R.T. 0.018 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

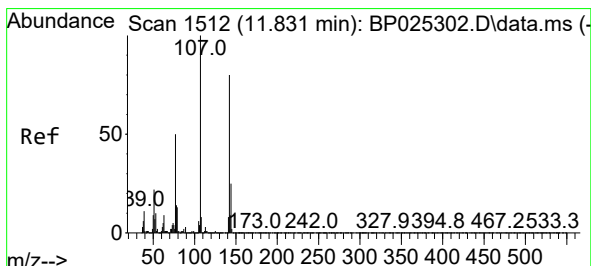
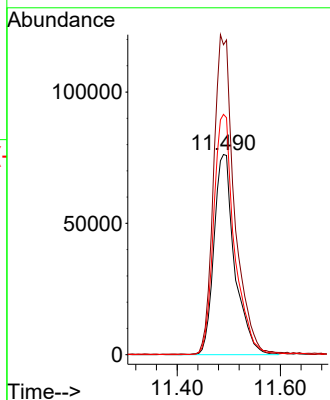
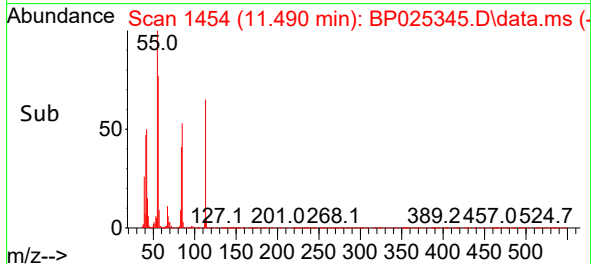
Instrument :
BNA_P
ClientSampleId :
PB169159BS



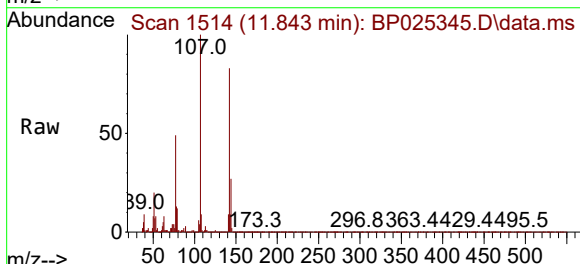
Tgt Ion:113 Resp: 21152
Ion Ratio Lower Upper
113 100
55 154.8 154.4 194.4
56 120.0 110.9 150.9

Manual Integrations
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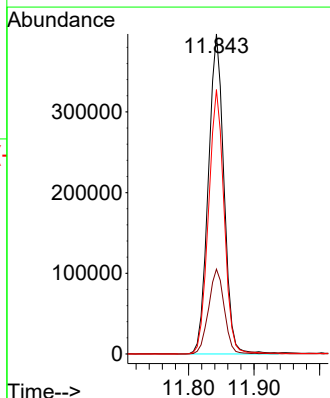
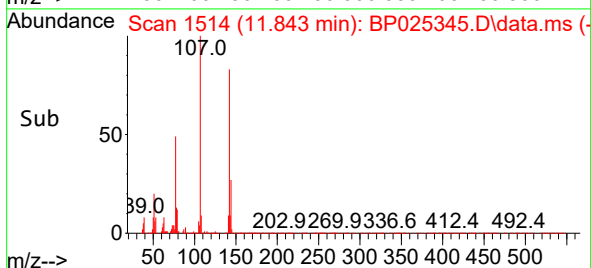
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

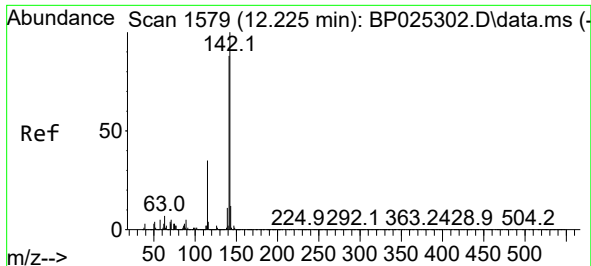


#36
4-Chloro-3-methylphenol
Concen: 40.454 ng
RT: 11.843 min Scan# 1514
Delta R.T. 0.012 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



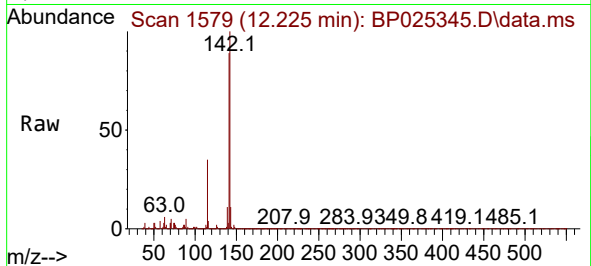
Tgt Ion:107 Resp: 655915
Ion Ratio Lower Upper
107 100
144 26.5 20.4 30.6
142 82.6 63.7 95.5





#37
2-Methylnaphthalene
Concen: 41.356 ng
RT: 12.225 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

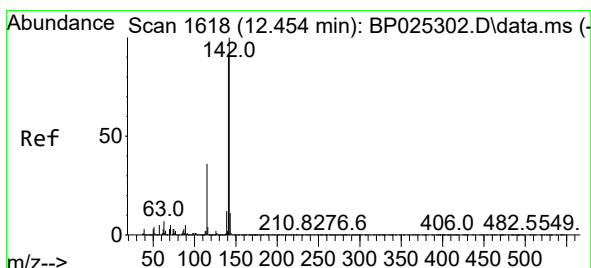
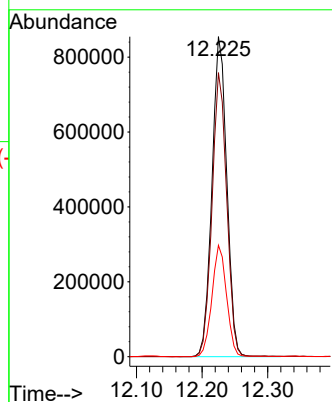
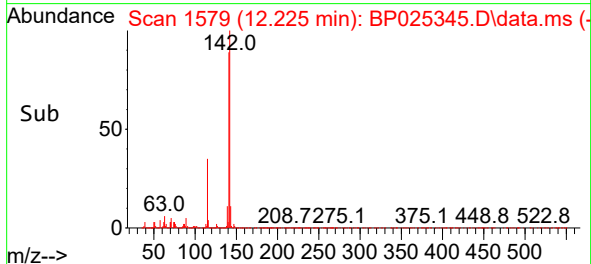
Instrument :
BNA_P
ClientSampleId :
PB169159BS



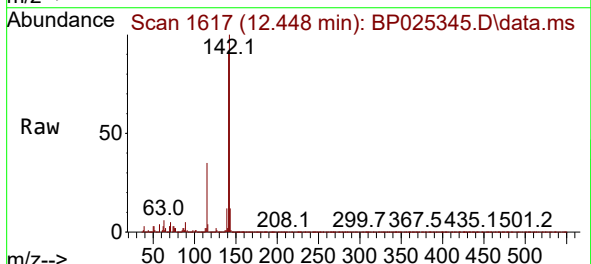
Tgt Ion:142 Resp: 1342634
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6
115 34.8 28.0 42.0

Manual Integrations
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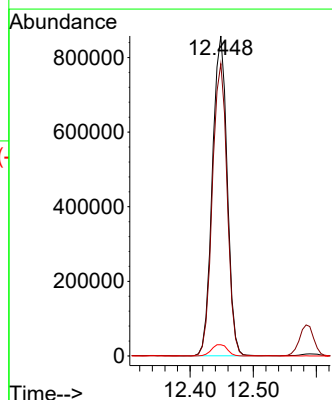
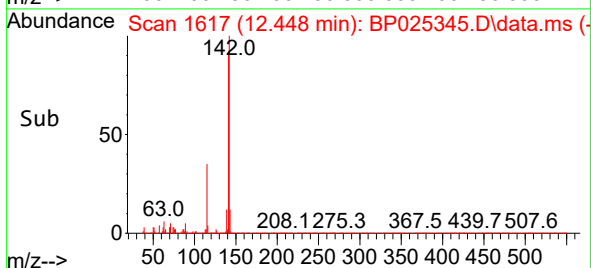
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

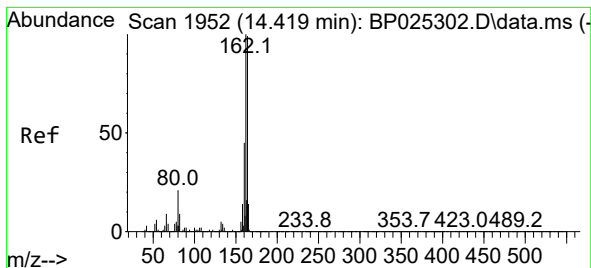


#38
1-Methylnaphthalene
Concen: 41.242 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:142 Resp: 1397083
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.6
116 3.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.413 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:164 Resp: 568608

Ion Ratio Lower Upper

164 100

162 98.3 80.6 120.8

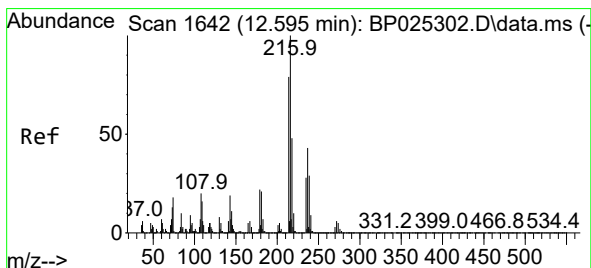
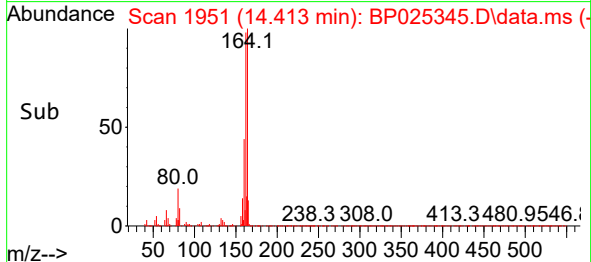
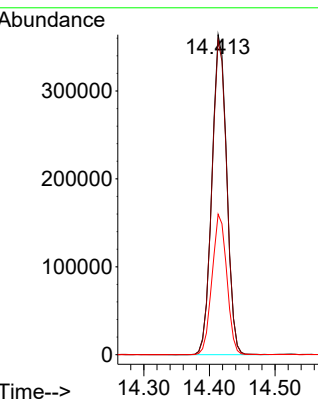
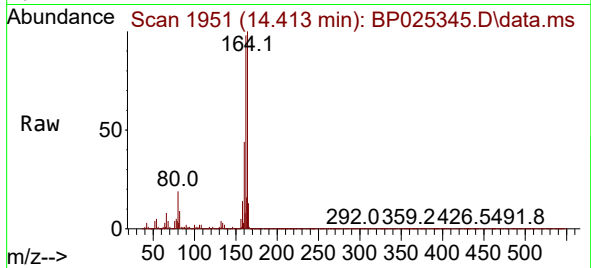
160 43.9 35.9 53.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.135 ng

RT: 12.601 min Scan# 1643

Delta R.T. 0.006 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Tgt Ion:216 Resp: 716195

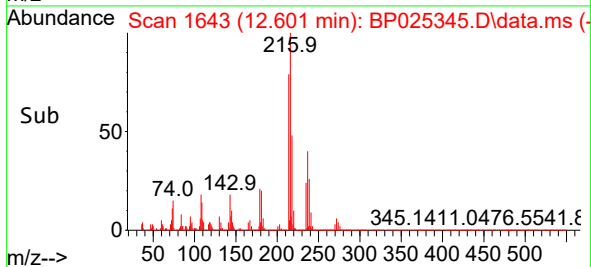
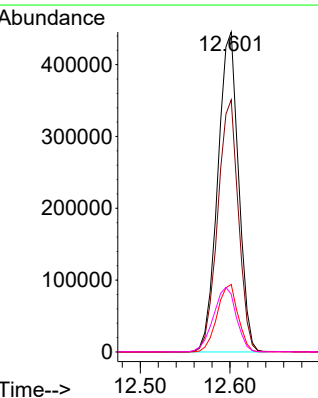
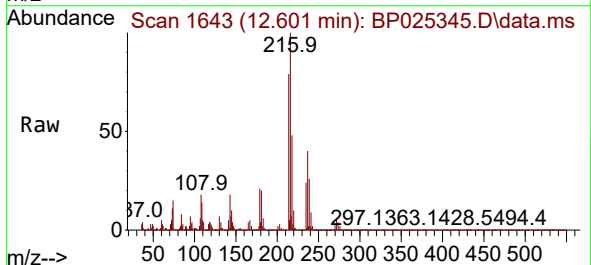
Ion Ratio Lower Upper

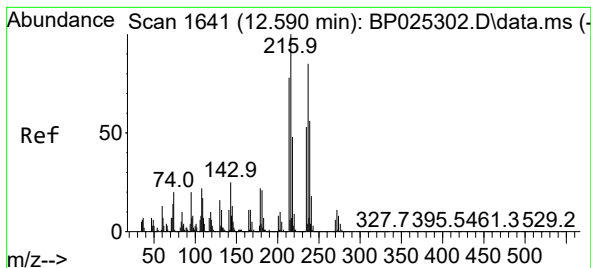
216 100

214 78.4 62.4 93.6

179 21.2 17.5 26.3

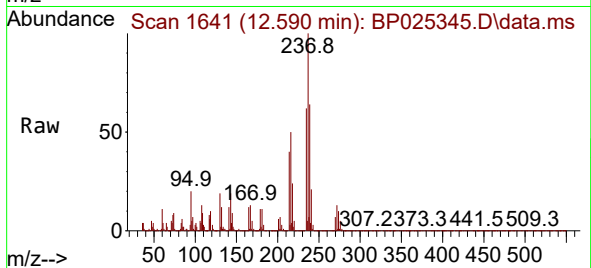
108 22.3 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 103.831 ng
RT: 12.590 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

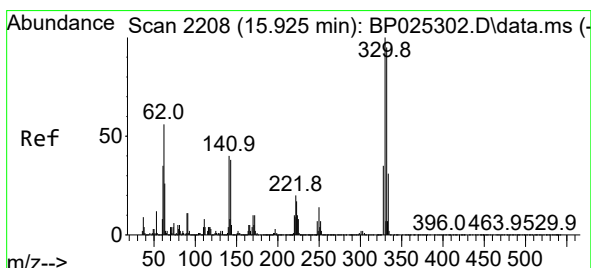
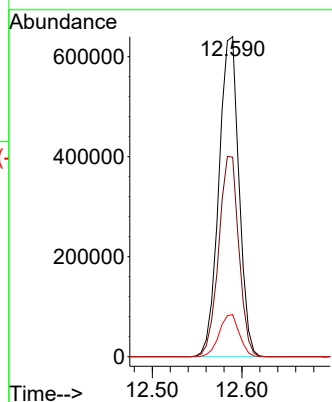
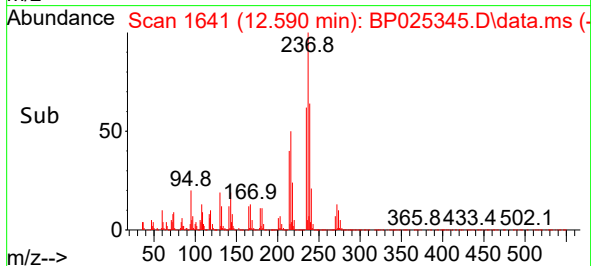
Instrument :
BNA_P
ClientSampleId :
PB169159BS



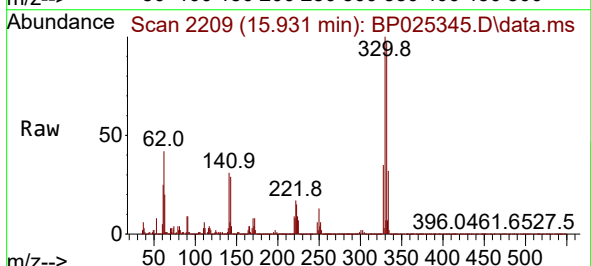
Tgt Ion: 237 Resp: 99481
Ion Ratio Lower Upper
237 100
235 62.3 42.2 82.2
272 13.2 0.0 32.8

Manual Integrations
APPROVED

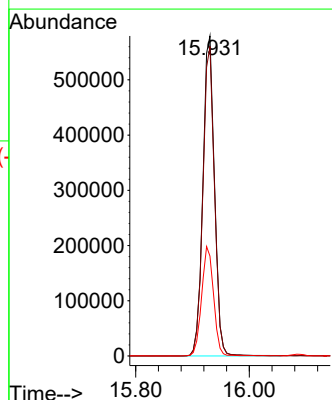
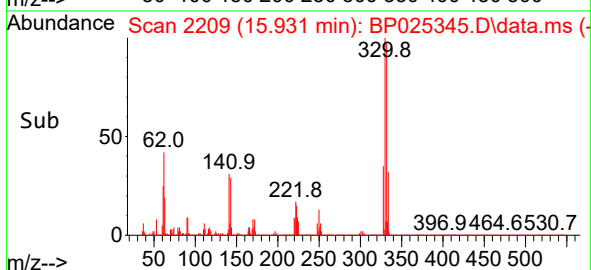
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

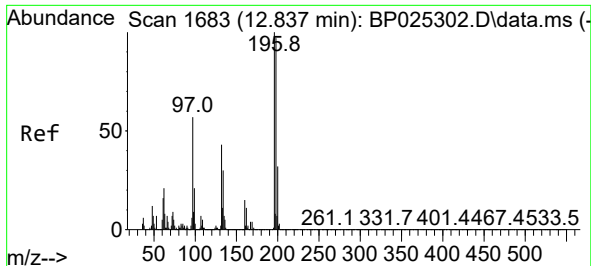


#42
2,4,6-Tribromophenol
Concen: 144.749 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



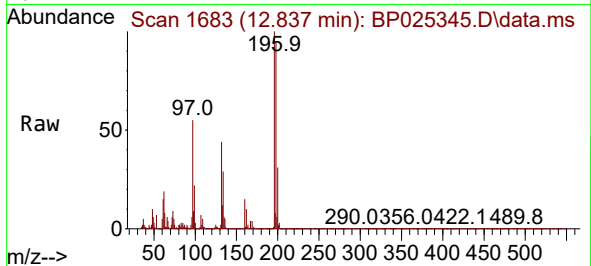
Tgt Ion: 330 Resp: 821094
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 35.2 31.7 47.5





#43
2,4,6-Trichlorophenol
Concen: 48.175 ng
RT: 12.837 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

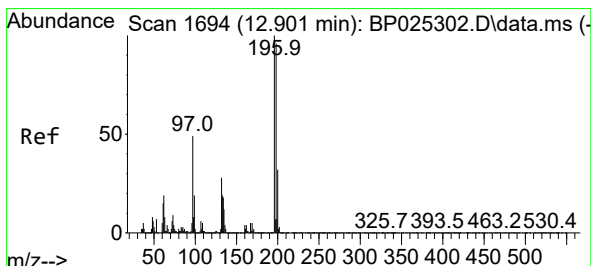
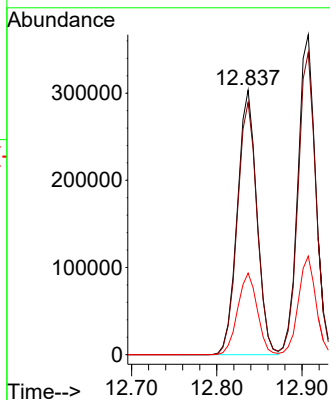
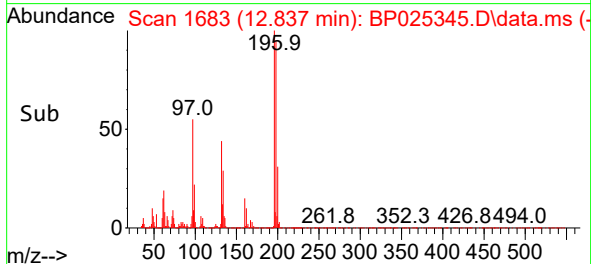
Instrument :
BNA_P
ClientSampleId :
PB169159BS



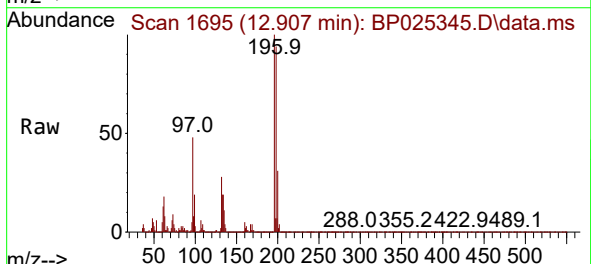
Tgt Ion:196 Resp: 483119
Ion Ratio Lower Upper
196 100
198 95.4 77.3 115.9
200 30.8 25.4 38.2

Manual Integrations
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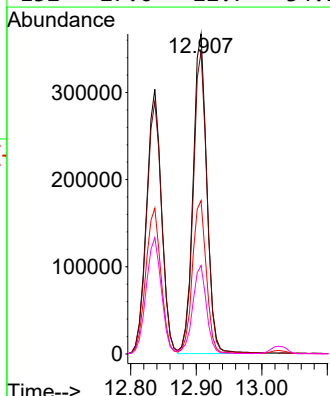
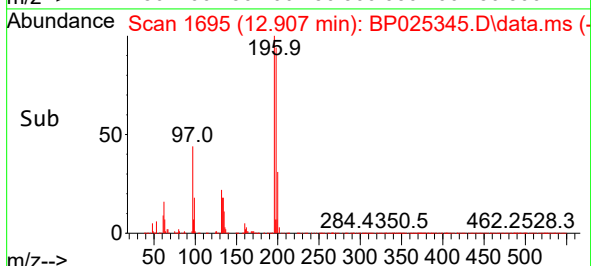
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

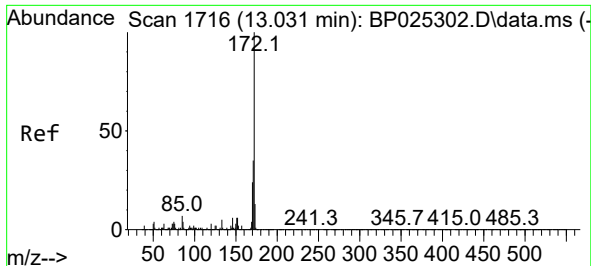


#44
2,4,5-Trichlorophenol
Concen: 47.679 ng
RT: 12.907 min Scan# 1695
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:196 Resp: 536369
Ion Ratio Lower Upper
196 100
198 94.5 76.6 114.8
97 47.9 39.5 59.3
132 27.6 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 77.649 ng
RT: 13.025 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

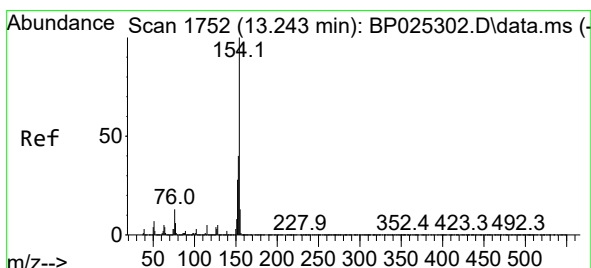
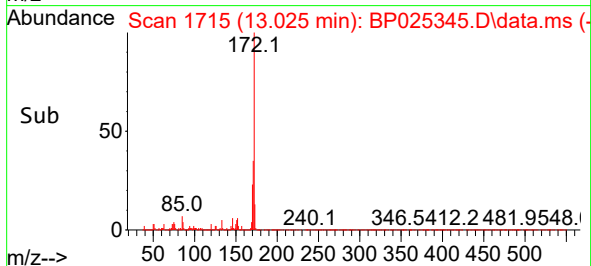
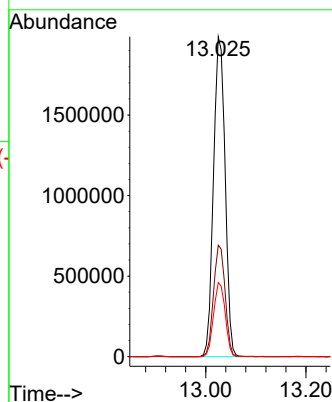
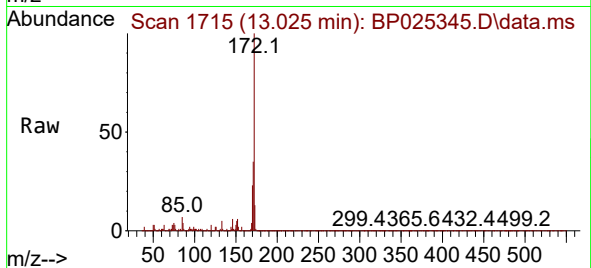
Tgt Ion:172 Resp: 319659
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.9 28.3

Manual Integrations

APPROVED

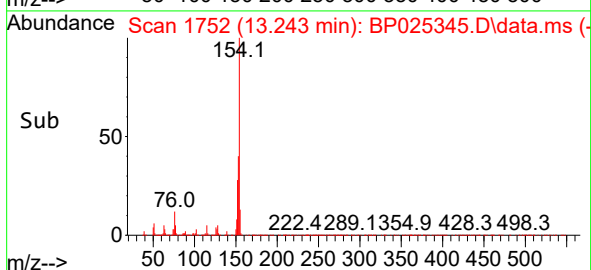
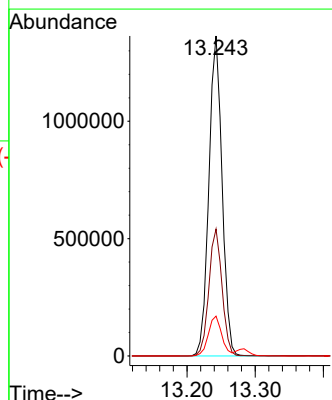
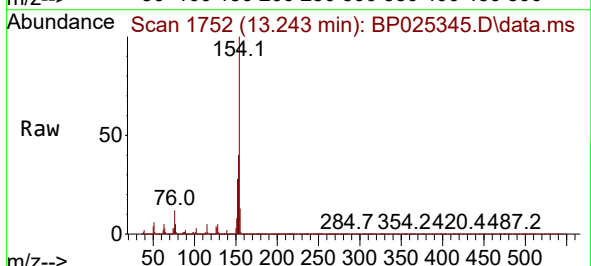
Reviewed By :Rahul Chavli 08/12/2025

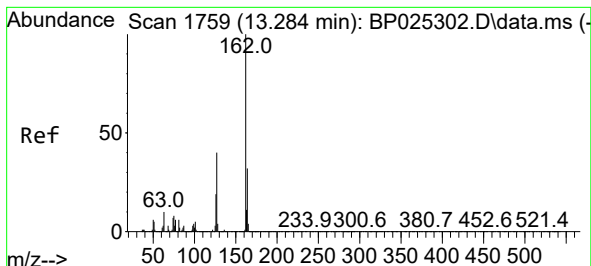
Supervised By :Jagrut Upadhyay 08/12/2025



#46
1,1'-Biphenyl
Concen: 43.838 ng
RT: 13.243 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

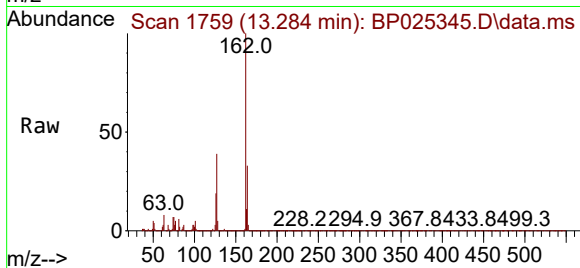
Tgt Ion:154 Resp: 1836973
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 12.5 0.0 33.2





#47
2-Chloronaphthalene
Concen: 44.719 ng
RT: 13.284 min Scan# 1759
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

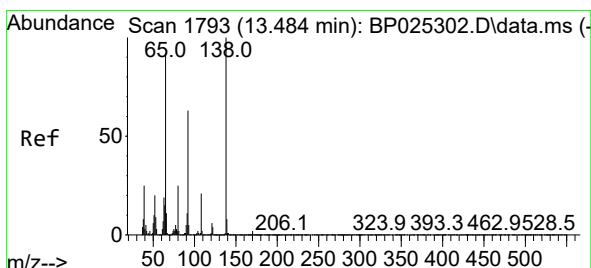
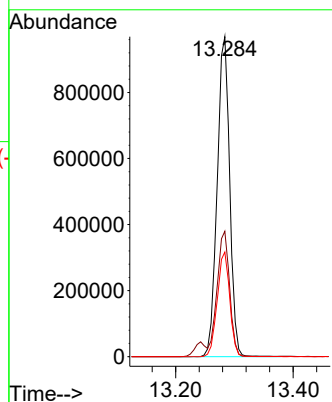
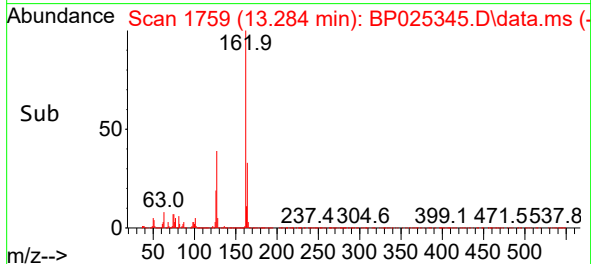
Instrument :
BNA_P
ClientSampleId :
PB169159BS



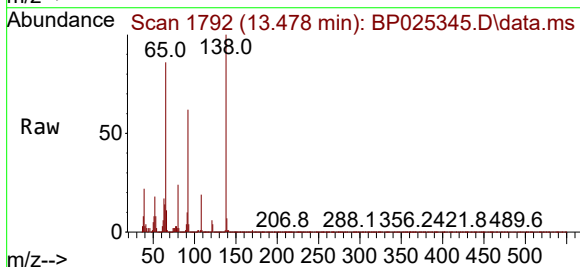
Tgt Ion:162 Resp: 142963
Ion Ratio Lower Upper
162 100
127 39.2 32.2 48.2
164 32.7 25.9 38.9

Manual Integrations
APPROVED

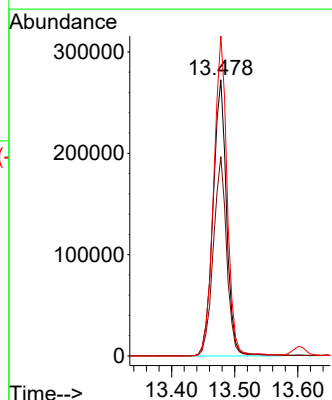
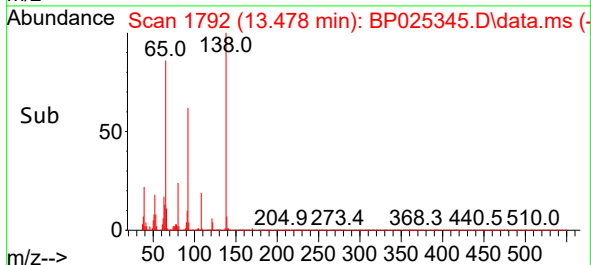
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

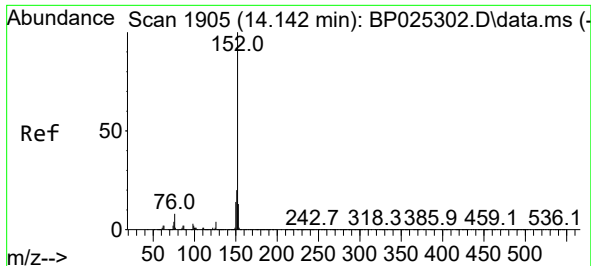


#48
2-Nitroaniline
Concen: 43.657 ng
RT: 13.478 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion: 65 Resp: 406168
Ion Ratio Lower Upper
65 100
92 72.2 54.4 81.6
138 115.9 87.0 130.4





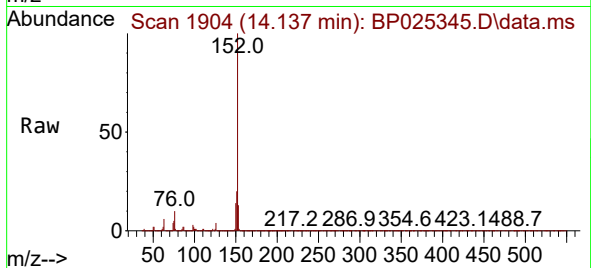
#49
Acenaphthylene
Concen: 44.052 ng
RT: 14.137 min Scan# 1904
Delta R.T. -0.005 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS



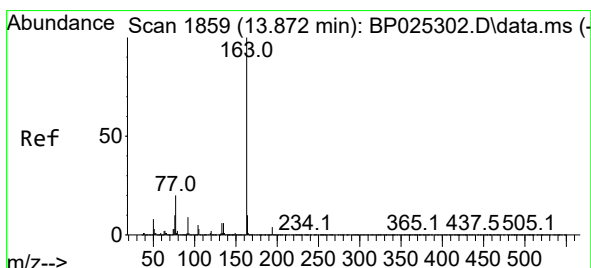
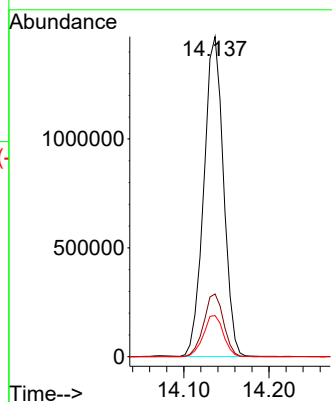
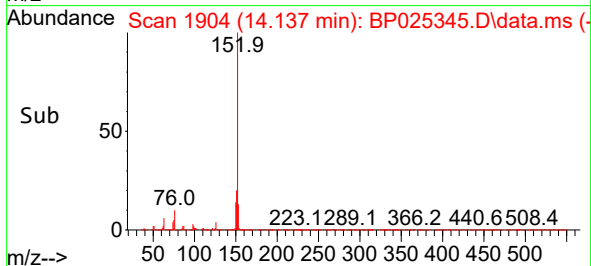
Tgt Ion:152 Resp: 2349085
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.9 10.4 15.6

Manual Integrations

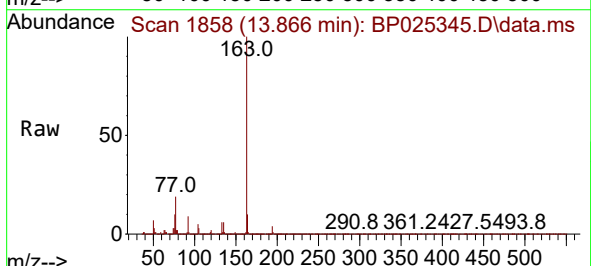
APPROVED

Reviewed By :Rahul Chavli 08/12/2025

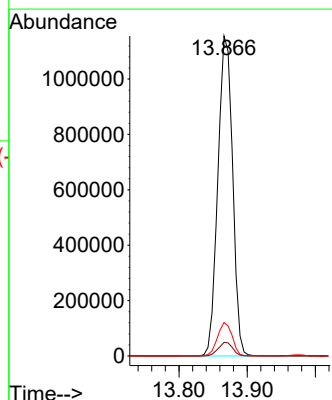
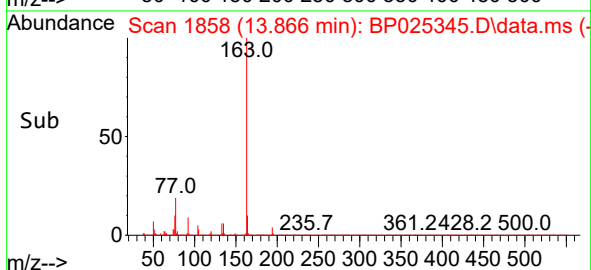
Supervised By :Jagrut Upadhyay 08/12/2025

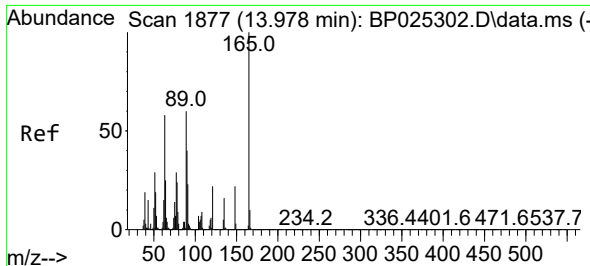


#50
Dimethylphthalate
Concen: 41.942 ng
RT: 13.866 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:163 Resp: 1738518
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.5 8.0 12.0





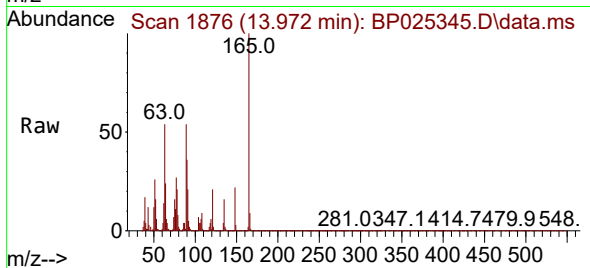
#51
2,6-Dinitrotoluene
Concen: 49.290 ng
RT: 13.972 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

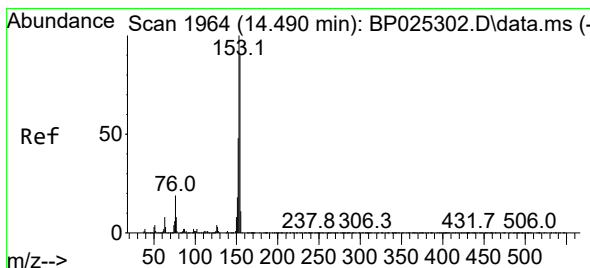
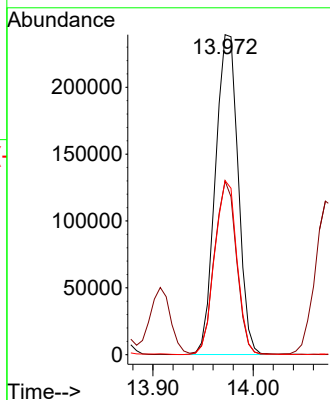
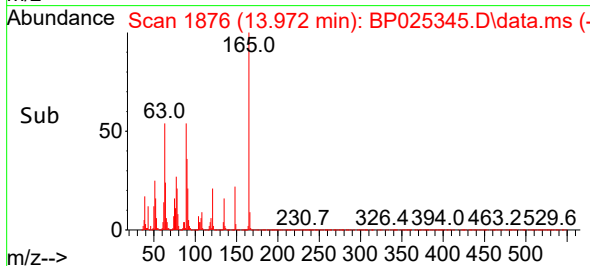
PB169159BS



Tgt Ion:165 Resp: 376862
Ion Ratio Lower Upper
165 100
63 54.2 47.6 71.4
89 54.4 47.8 71.8

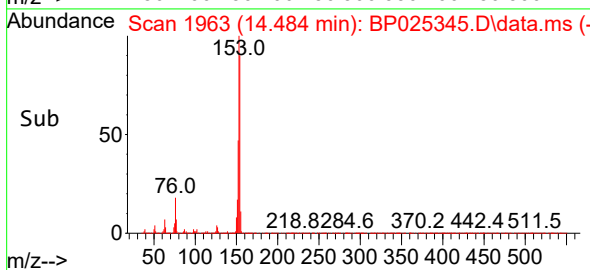
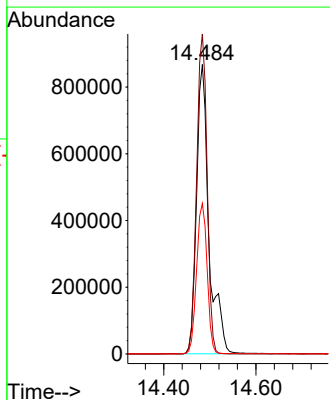
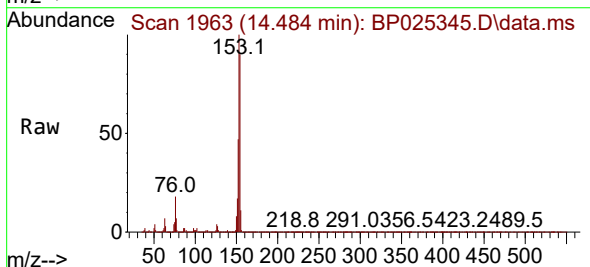
Manual Integrations
APPROVED

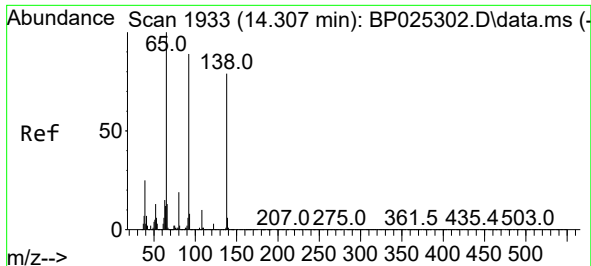
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#52
Acenaphthene
Concen: 49.856 ng
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

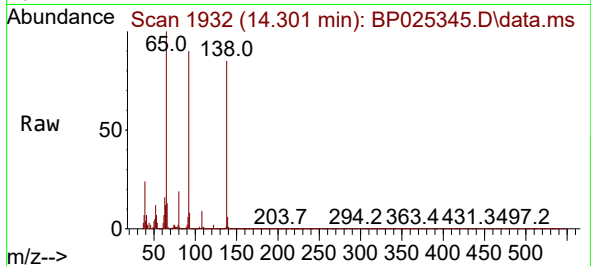
Tgt Ion:154 Resp: 1621672
Ion Ratio Lower Upper
154 100
153 110.5 89.4 134.0
152 52.0 43.0 64.6





#53
3-Nitroaniline
Concen: 30.935 ng
RT: 14.301 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

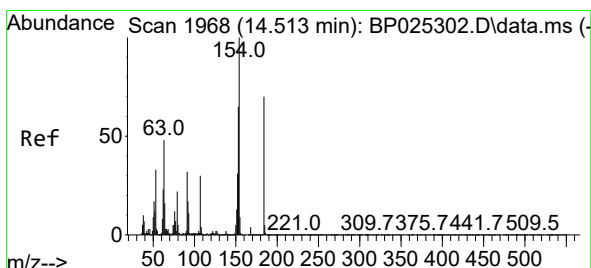
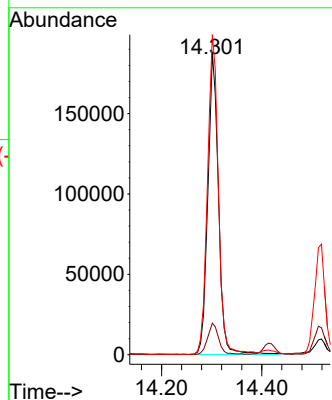
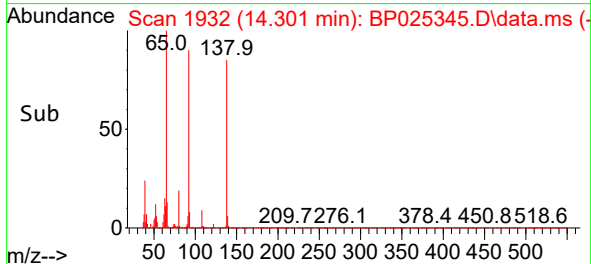
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:138 Resp: 276762
Ion Ratio Lower Upper
138 100
108 10.4 10.5 15.7
92 106.1 90.9 136.3

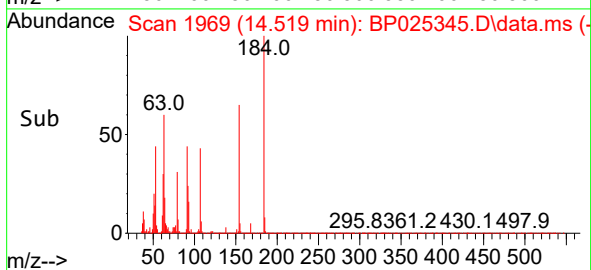
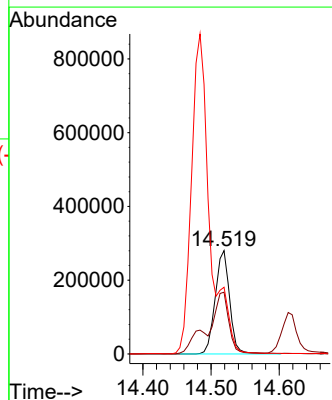
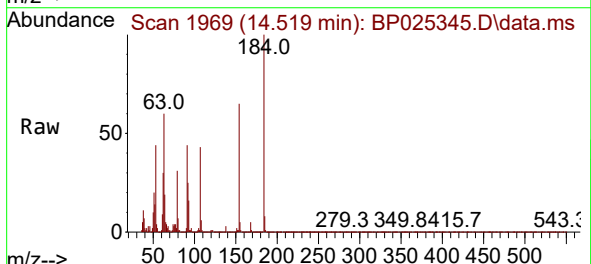
Manual Integrations
APPROVED

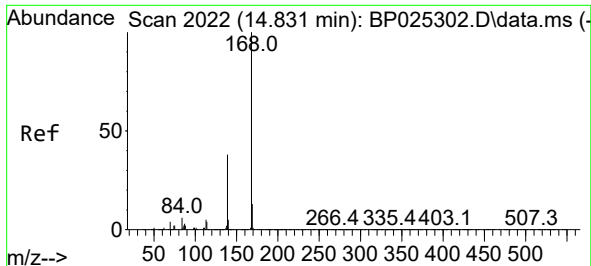
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#54
2,4-Dinitrophenol
Concen: 90.074 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

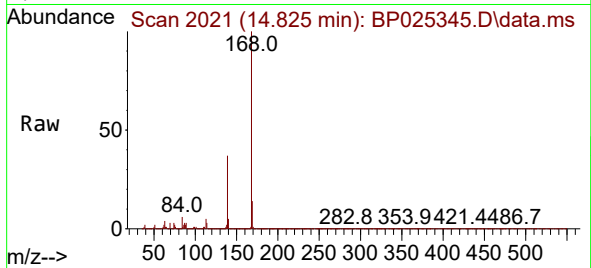
Tgt Ion:184 Resp: 413757
Ion Ratio Lower Upper
184 100
63 59.8 56.3 84.5
154 64.6 124.5 186.7#





#55
Dibenzenofuran
Concen: 43.431 ng
RT: 14.825 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

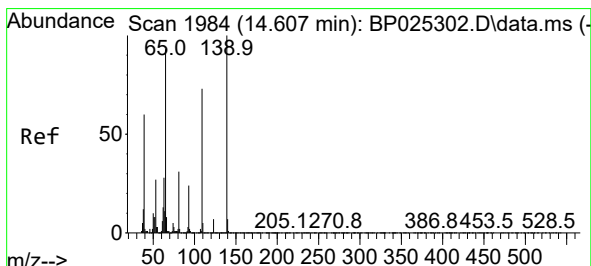
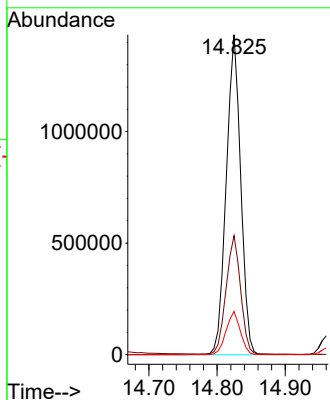
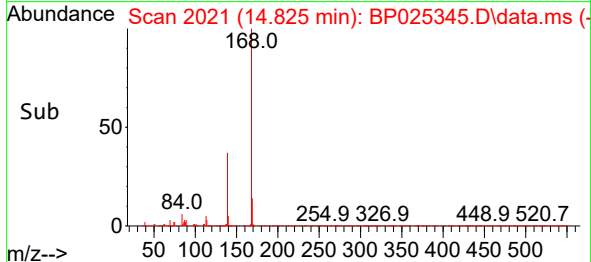
Instrument :
BNA_P
ClientSampleId :
PB169159BS



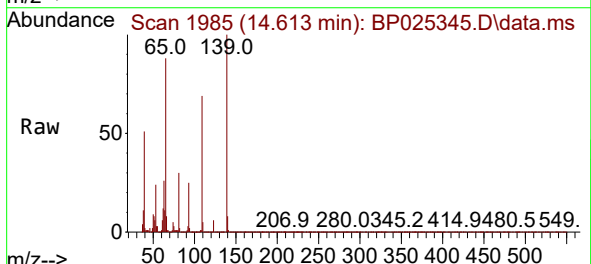
Tgt Ion:168 Resp: 211106
Ion Ratio Lower Upper
168 100
139 37.2 30.5 45.7
169 13.5 10.6 15.8

Manual Integrations
APPROVED

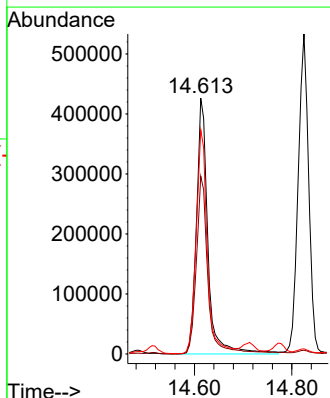
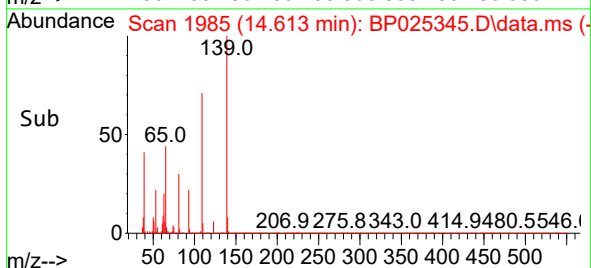
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

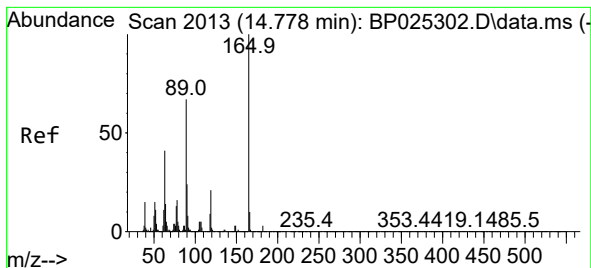


#56
4-Nitrophenol
Concen: 89.097 ng
RT: 14.613 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:139 Resp: 703497
Ion Ratio Lower Upper
139 100
109 69.5 52.7 92.7
65 87.6 73.4 113.4





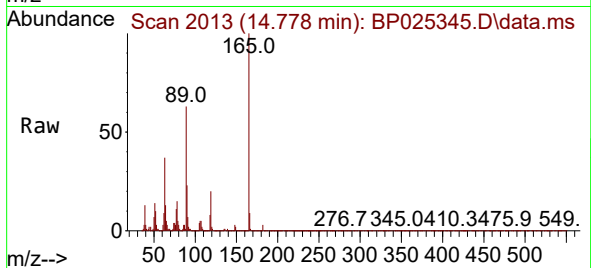
#57
2,4-Dinitrotoluene
Concen: 45.420 ng
RT: 14.778 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

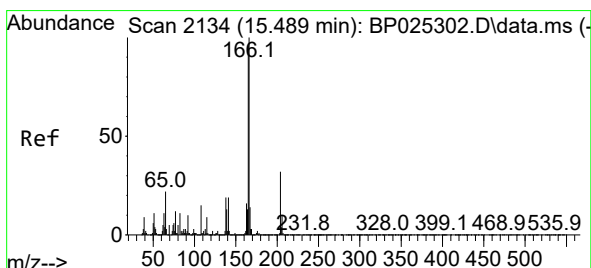
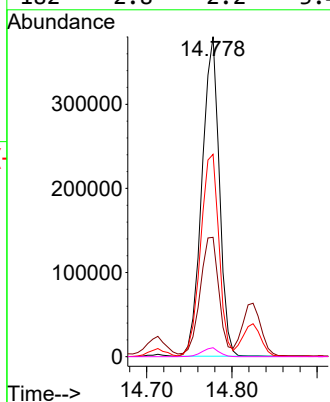
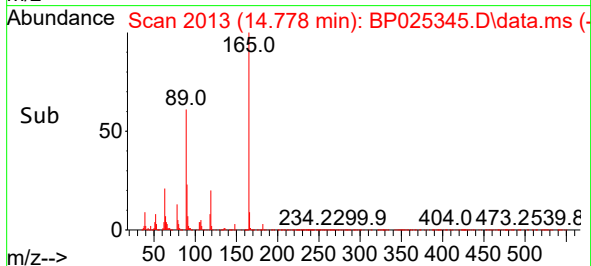


Tgt Ion:165 Resp: 536110
Ion Ratio Lower Upper
165 100
63 37.3 33.2 49.8
89 63.3 53.5 80.3
182 2.8 2.2 3.4

Manual Integrations

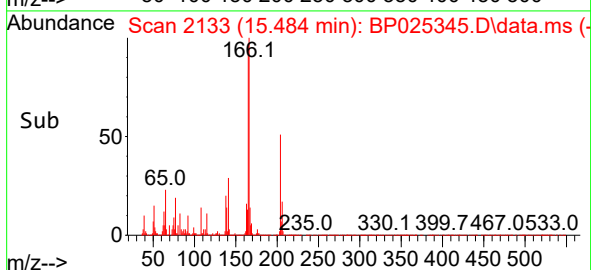
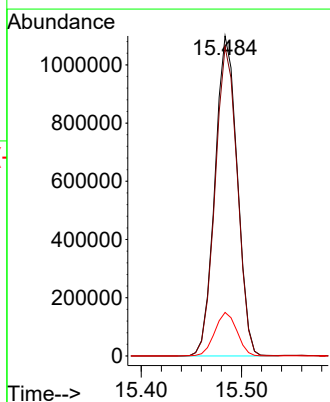
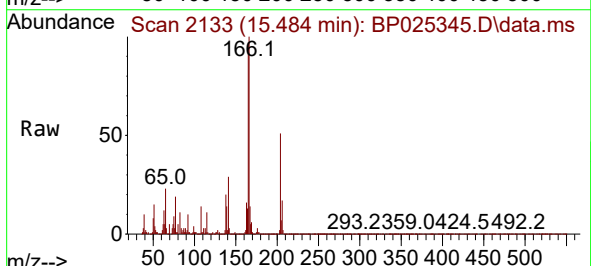
APPROVED

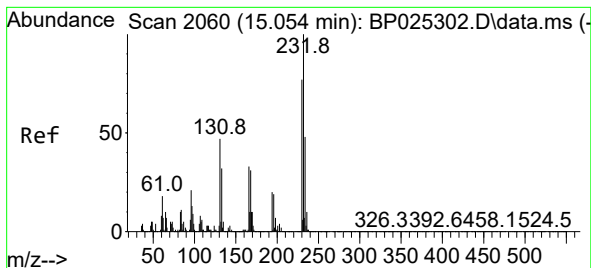
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#58
Fluorene
Concen: 44.574 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.005 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

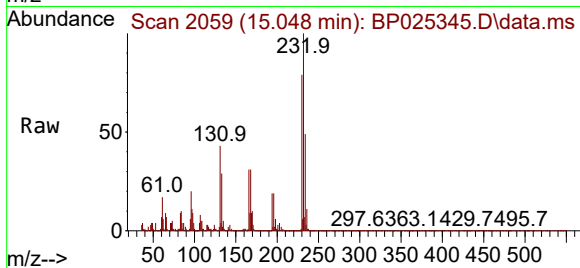
Tgt Ion:166 Resp: 1701727
Ion Ratio Lower Upper
166 100
165 96.6 76.7 115.1
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.272 ng
RT: 15.048 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

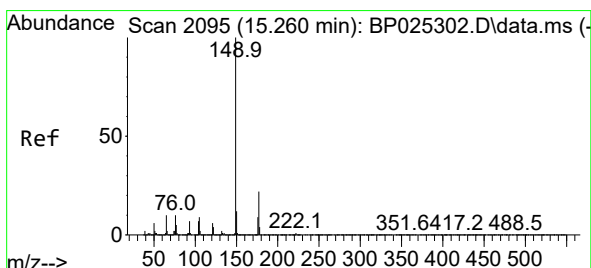
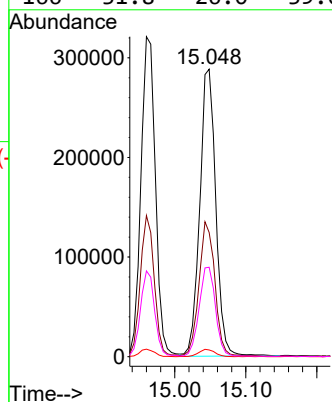
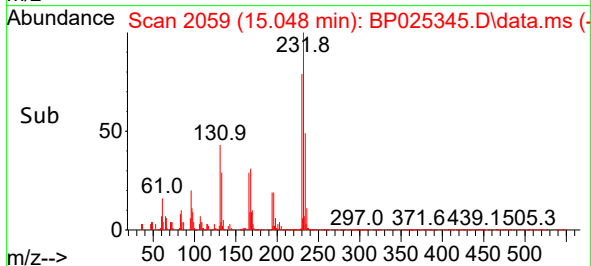
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:232 Resp: 453610
Ion Ratio Lower Upper
232 100
131 46.7 39.3 58.9
130 2.6 2.2 3.2
166 31.8 26.0 39.0

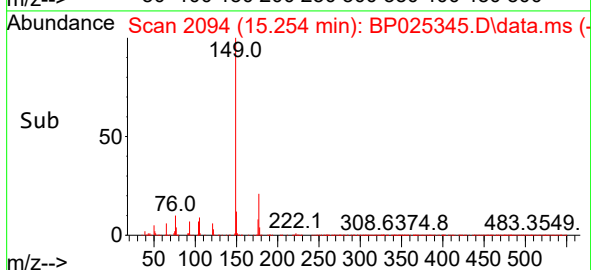
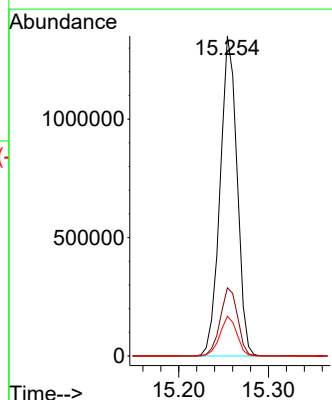
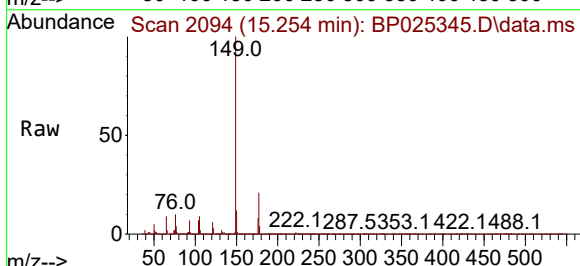
Manual Integrations
APPROVED

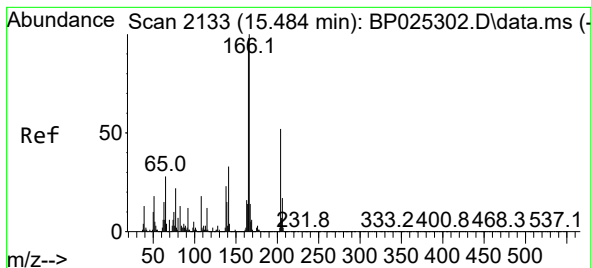
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#60
Diethylphthalate
Concen: 42.454 ng
RT: 15.254 min Scan# 2094
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

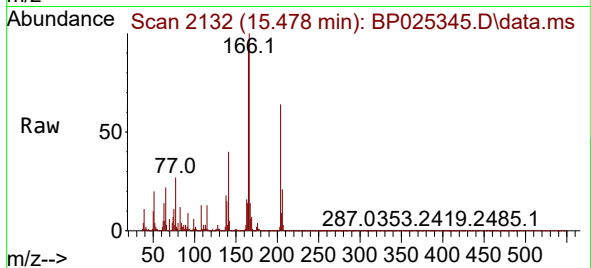
Tgt Ion:149 Resp: 1774150
Ion Ratio Lower Upper
149 100
177 21.3 17.4 26.2
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 44.974 ng
RT: 15.478 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

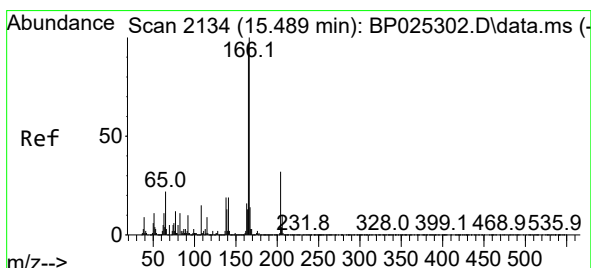
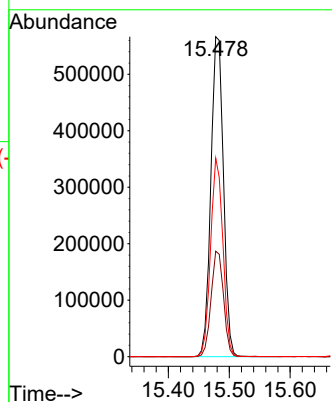
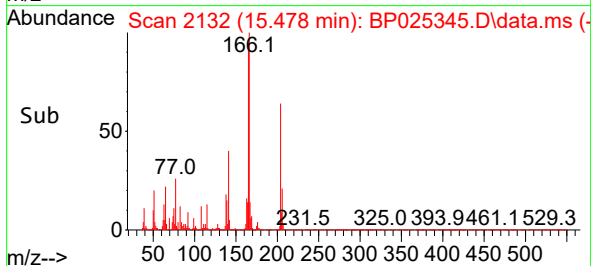
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:204 Resp: 813979
Ion Ratio Lower Upper
204 100
206 32.9 27.0 40.4
141 62.0 50.3 75.5

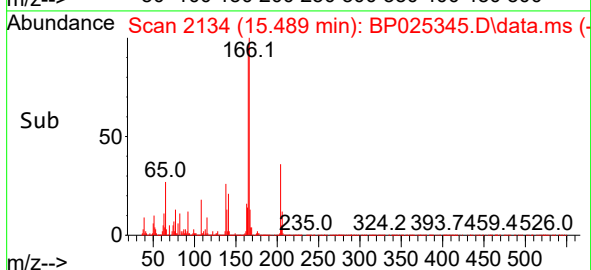
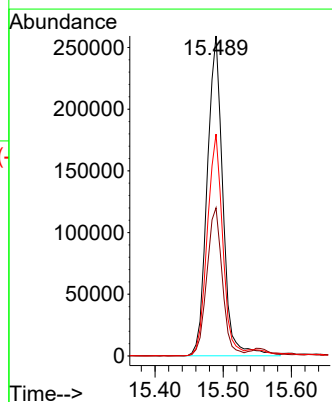
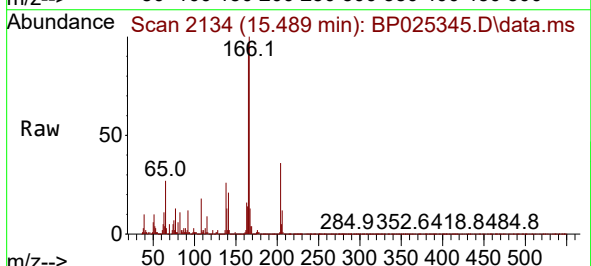
Manual Integrations
APPROVED

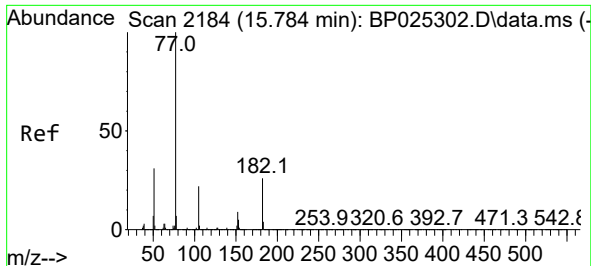
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#62
4-Nitroaniline
Concen: 46.997 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

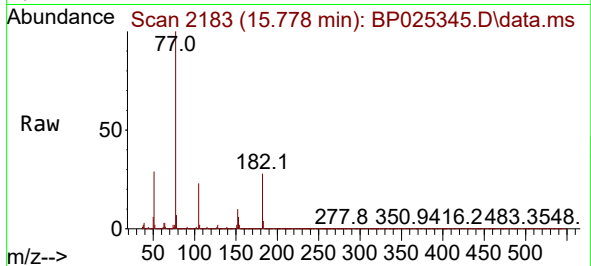
Tgt Ion:138 Resp: 416619
Ion Ratio Lower Upper
138 100
92 46.3 29.8 69.8
108 69.4 56.6 96.6





#63
Azobenzene
Concen: 40.805 ng
RT: 15.778 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

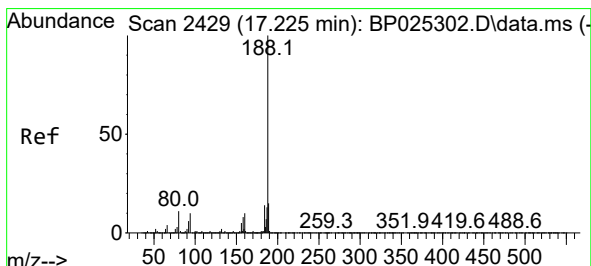
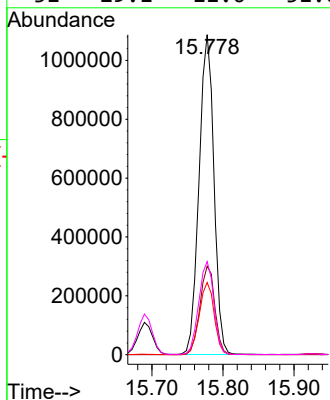
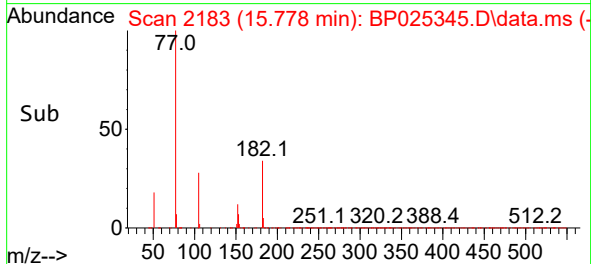
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion: 77 Resp: 1584150
Ion Ratio Lower Upper
77 100
182 27.7 6.0 46.0
105 22.6 2.1 42.1
51 29.1 11.0 51.0

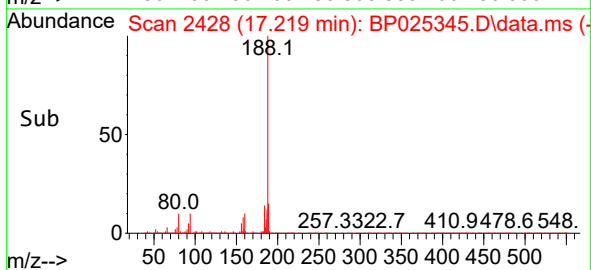
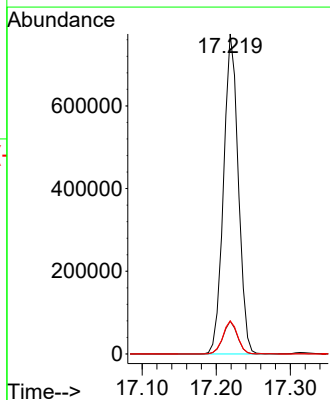
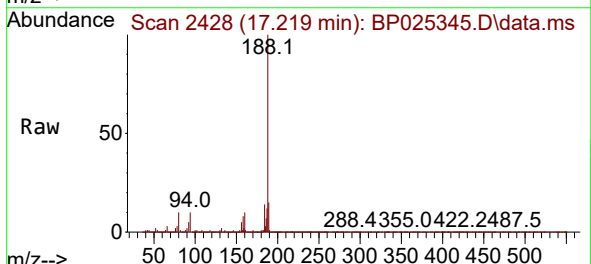
Manual Integrations
APPROVED

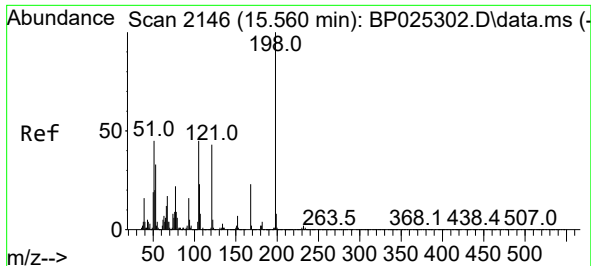
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

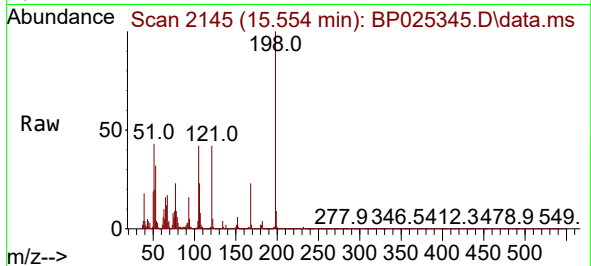
Tgt Ion:188 Resp: 1069056
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 10.3 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 55.529 ng
RT: 15.554 min Scan# 2145
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

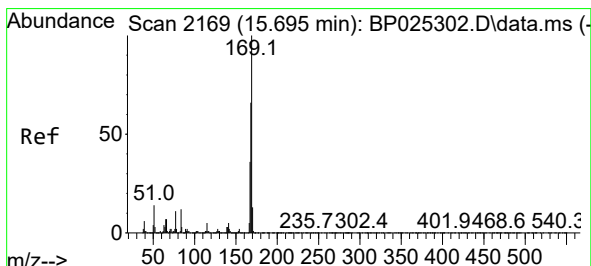
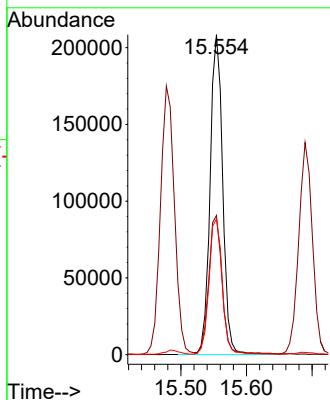
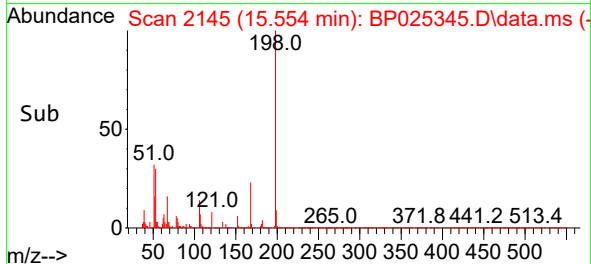
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:198 Resp: 278520
Ion Ratio Lower Upper
198 100
51 43.5 26.7 66.7
105 42.5 25.6 65.6

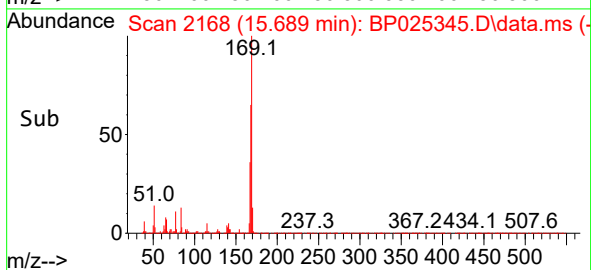
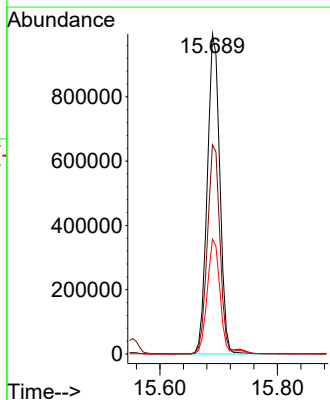
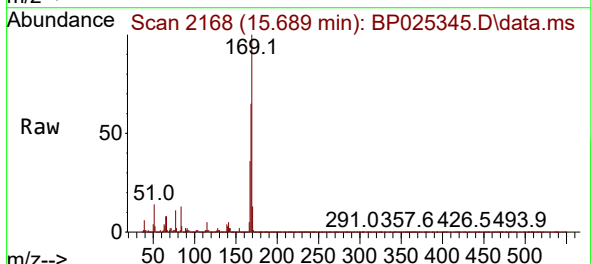
Manual Integrations
APPROVED

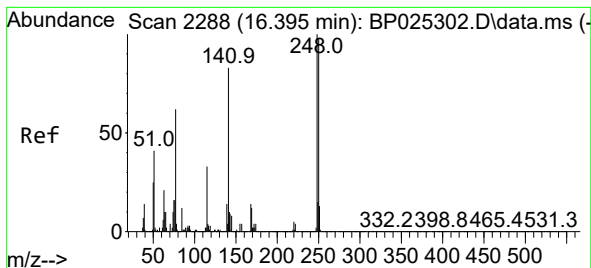
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#66
n-Nitrosodiphenylamine
Concen: 45.119 ng
RT: 15.689 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Tgt Ion:169 Resp: 1468662
Ion Ratio Lower Upper
169 100
168 65.3 52.8 79.2
167 35.9 28.5 42.7





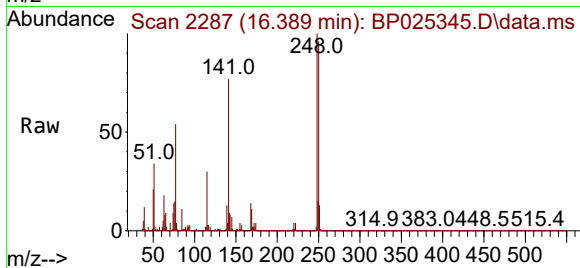
#67
4-Bromophenyl-phenylether
Concen: 47.586 ng
RT: 16.389 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

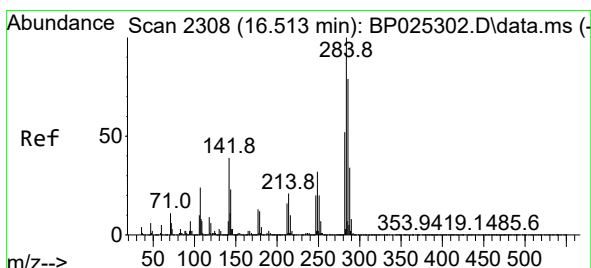
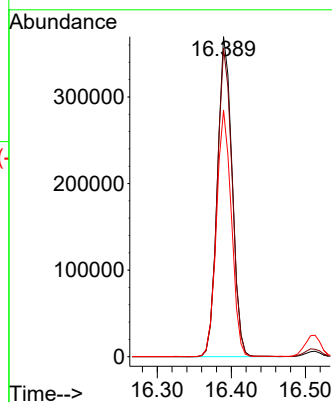
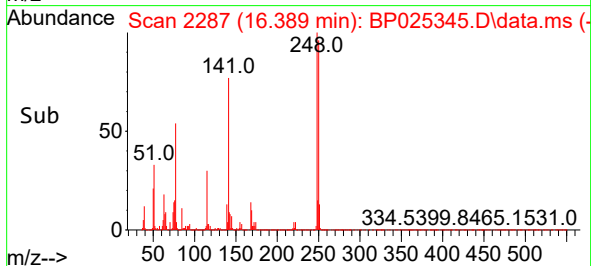
PB169159BS



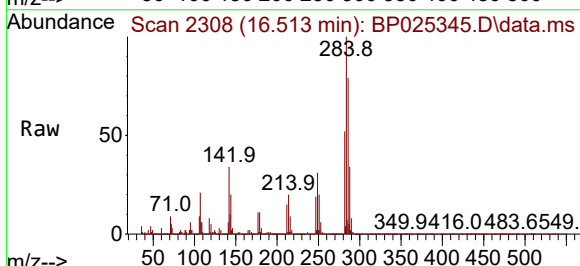
Tgt Ion:248 Resp: 511858
Ion Ratio Lower Upper
248 100
250 96.3 78.6 117.8
141 77.1 66.6 99.8

Manual Integrations
APPROVED

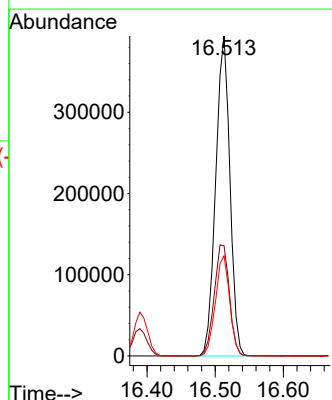
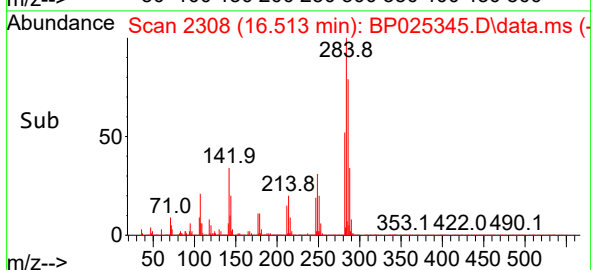
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

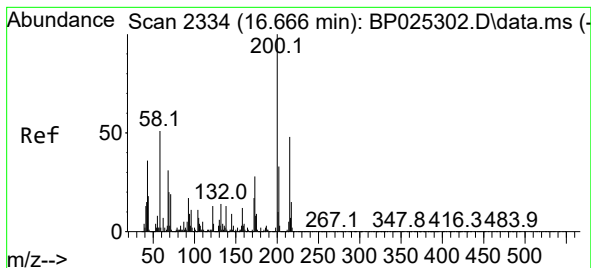


#68
Hexachlorobenzene
Concen: 47.342 ng
RT: 16.513 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:284 Resp: 571390
Ion Ratio Lower Upper
284 100
142 34.4 30.8 46.2
249 31.3 25.4 38.0





#69

Atrazine

Concen: 47.185 ng

RT: 16.666 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

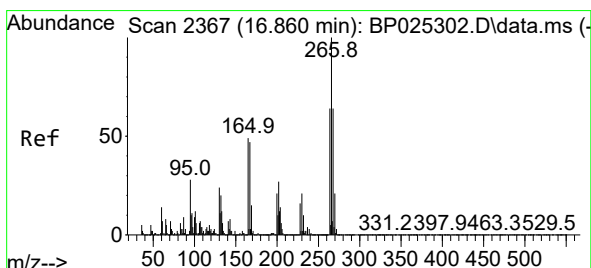
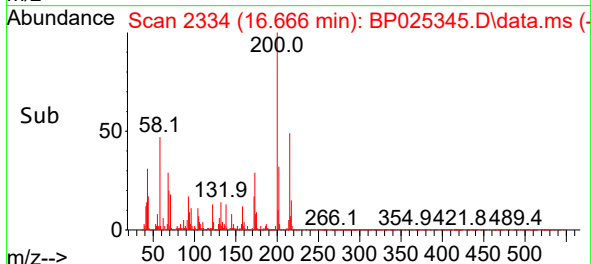
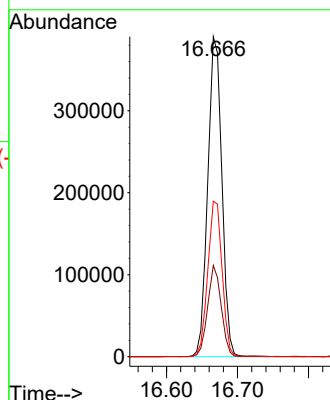
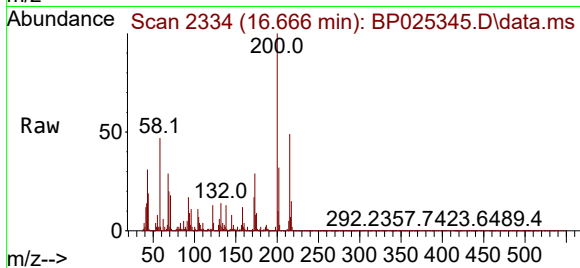
Tgt Ion:	200	Resp:	54014
Ion Ratio	Lower	Upper	
200	100		
173	28.5	8.2	48.2
215	48.6	28.1	68.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#70

Pentachlorophenol

Concen: 102.344 ng

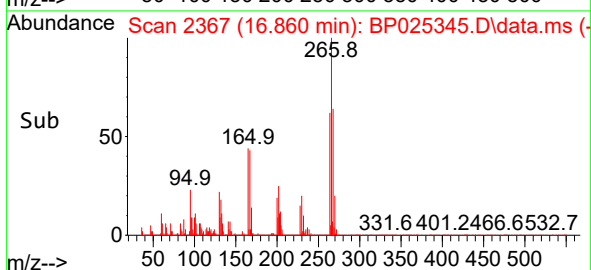
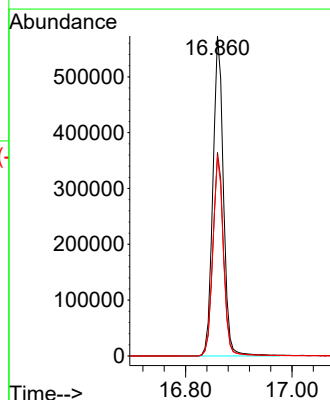
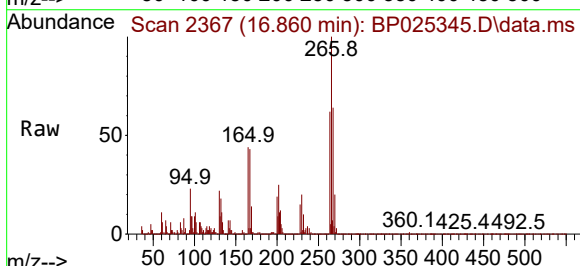
RT: 16.860 min Scan# 2367

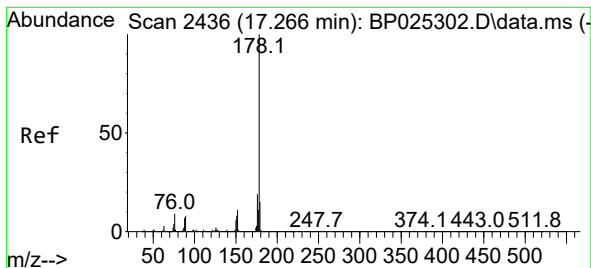
Delta R.T. 0.000 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Tgt Ion:	266	Resp:	786980
Ion Ratio	Lower	Upper	
266	100		
268	63.6	51.4	77.0
264	62.3	51.1	76.7





#71

Phenanthrene

Concen: 44.977 ng

RT: 17.260 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:178 Resp: 263356

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

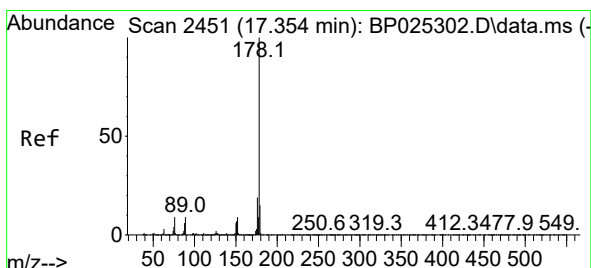
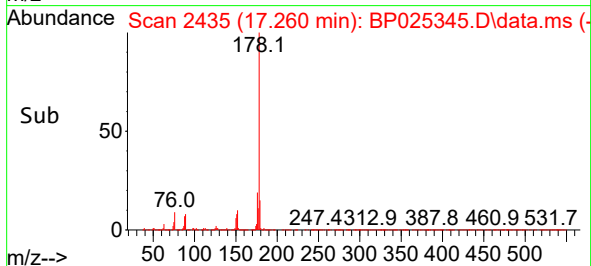
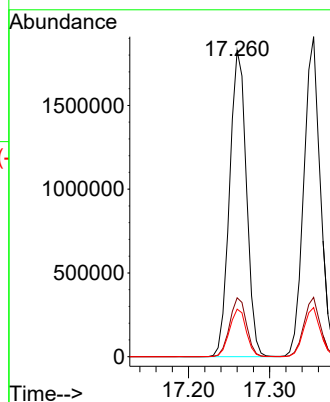
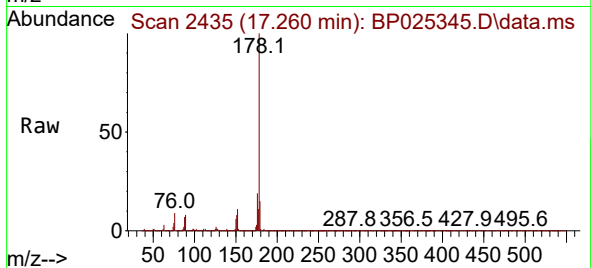
179 15.5 12.1 18.1

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#72

Anthracene

Concen: 45.797 ng

RT: 17.354 min Scan# 2451

Delta R.T. 0.000 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

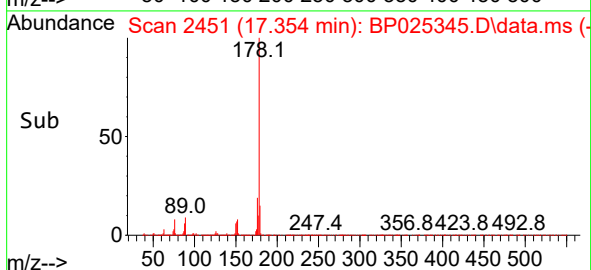
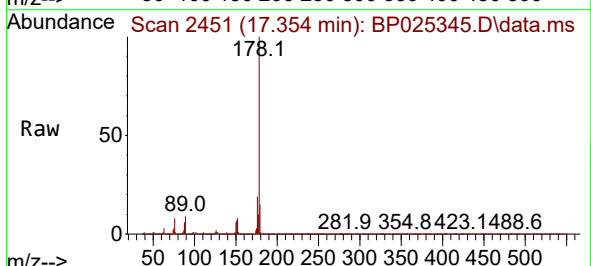
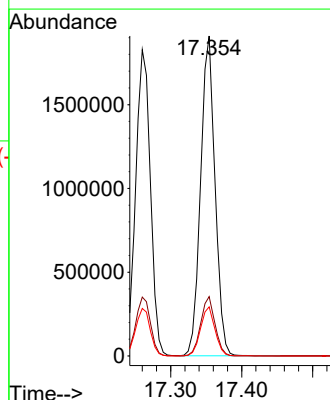
Tgt Ion:178 Resp: 2703803

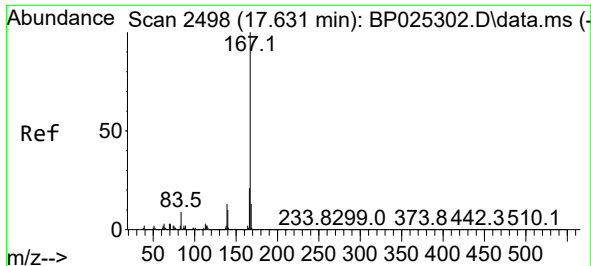
Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.3 12.3 18.5





#73
 Carbazole
 Concen: 44.921 ng
 RT: 17.631 min Scan# 2498
 Delta R.T. -0.000 min
 Lab File: BP025345.D
 Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

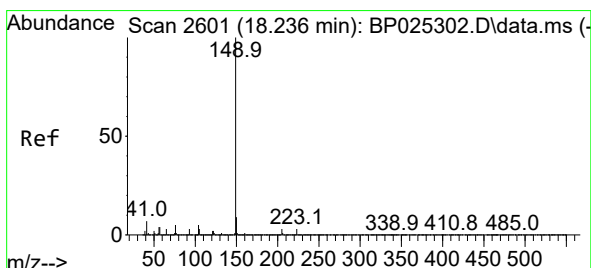
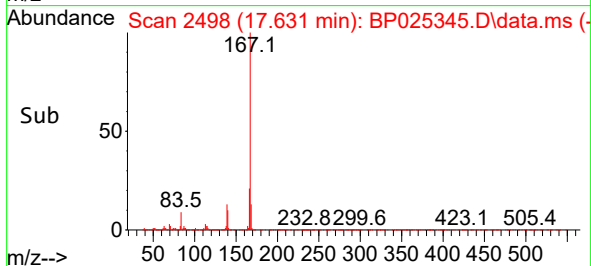
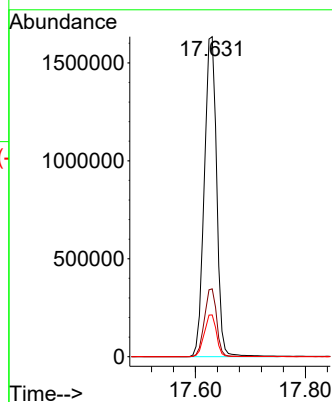
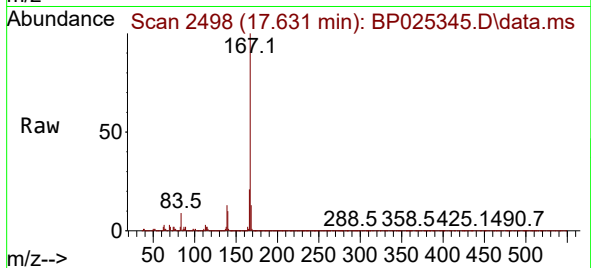
PB169159BS

Tgt Ion:167 Resp: 254581
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 13.1 10.6 16.0

Manual Integrations

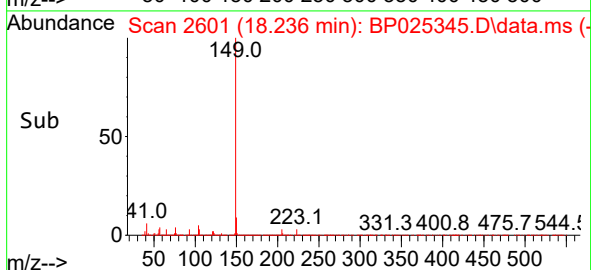
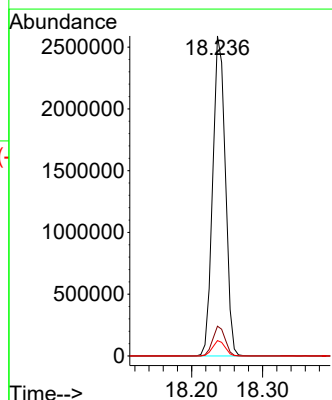
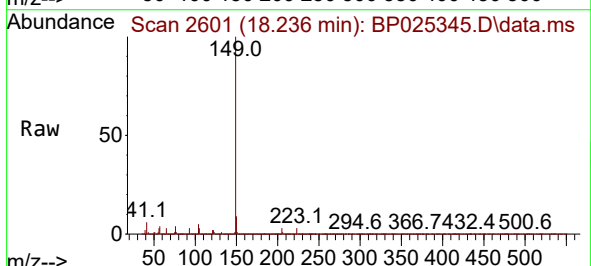
APPROVED

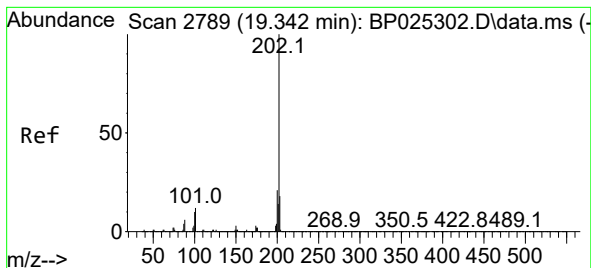
Reviewed By :Rahul Chavli 08/12/2025
 Supervised By :Jagrut Upadhyay 08/12/2025



#74
 Di-n-butylphthalate
 Concen: 46.625 ng
 RT: 18.236 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: BP025345.D
 Acq: 11 Aug 2025 12:32

Tgt Ion:149 Resp: 3196716
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 45.946 ng

RT: 19.348 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:202 Resp: 3114329

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.5

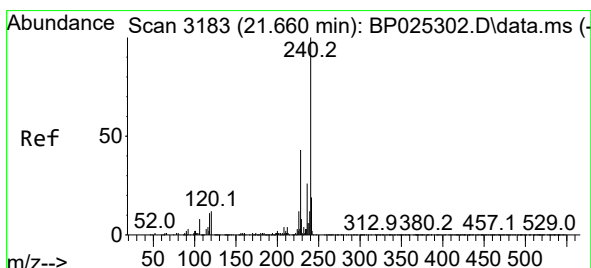
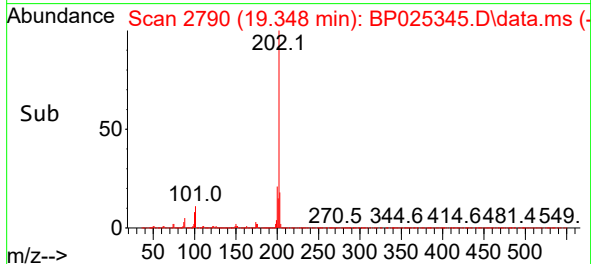
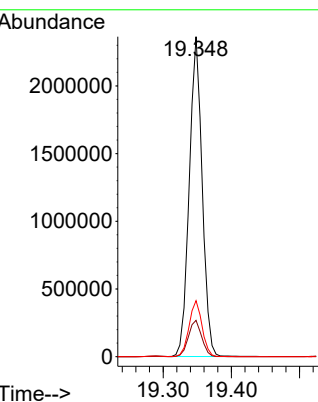
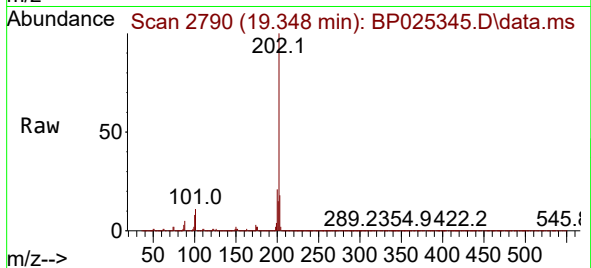
203 17.5 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.672 min Scan# 3185

Delta R.T. 0.012 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

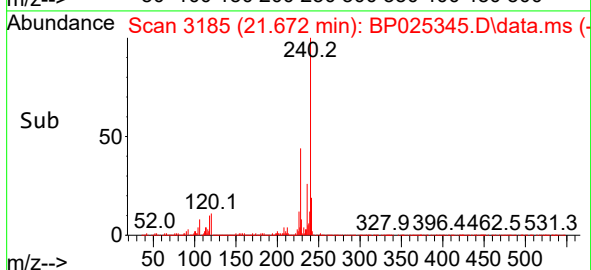
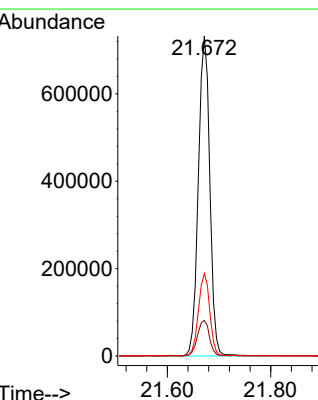
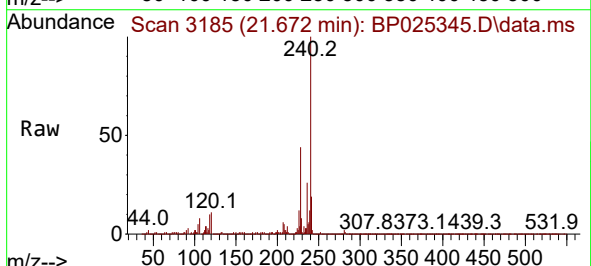
Tgt Ion:240 Resp: 1126319

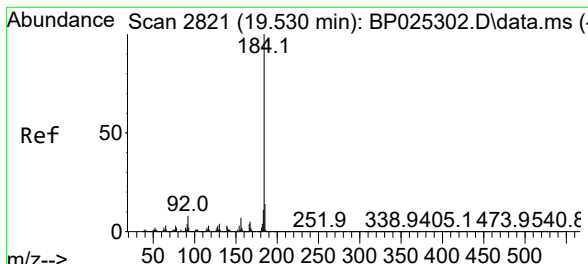
Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

236 25.8 20.4 30.6





#77
Benzidine
Concen: 27.518 ng
RT: 19.530 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

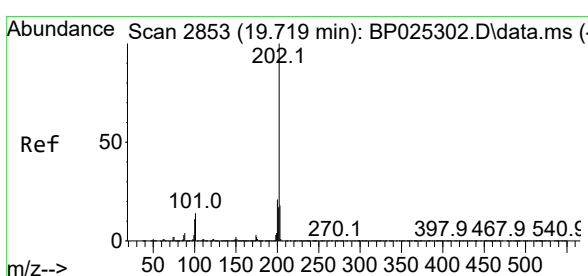
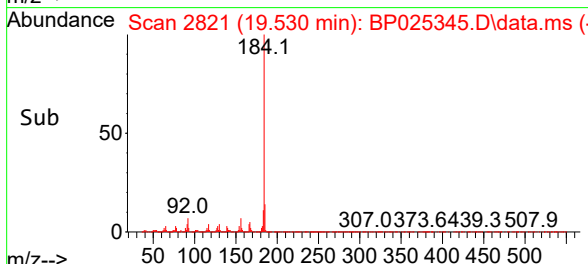
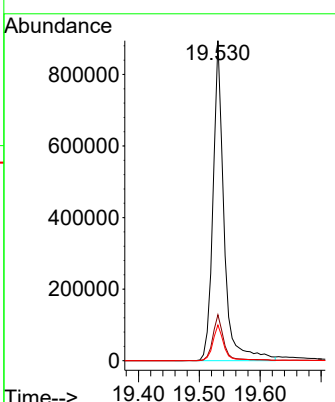
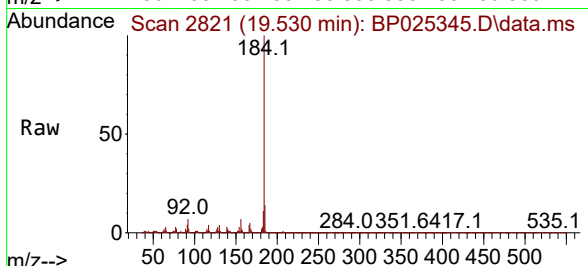
PB169159BS

Tgt Ion:184 Resp: 112179

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.0	16.6
183	11.1	9.2	13.8

Manual Integrations
APPROVED

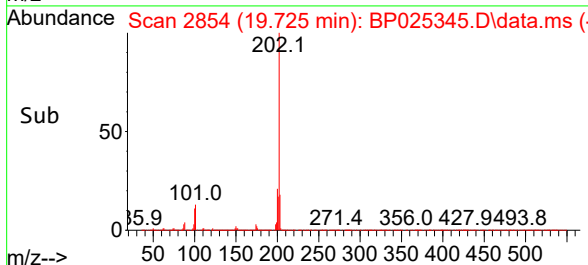
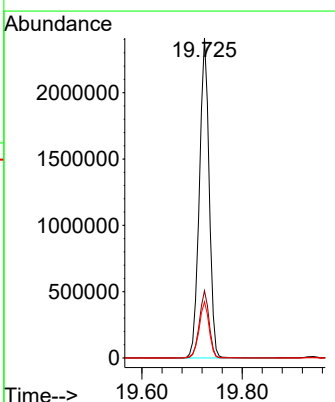
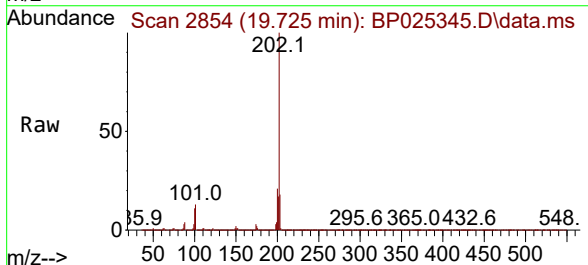
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

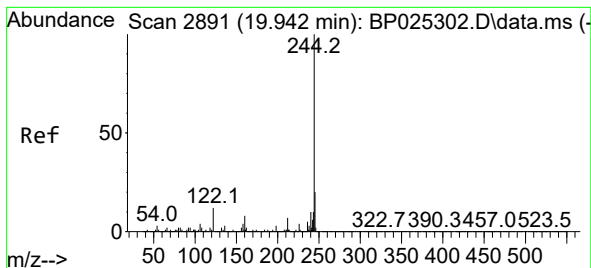


#78
Pyrene
Concen: 43.573 ng
RT: 19.725 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Tgt Ion:202 Resp: 3263515

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.6	14.1	21.1





#79

Terphenyl-d14

Concen: 79.365 ng

RT: 19.942 min Scan# 2891

Delta R.T. 0.000 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:244 Resp: 473268

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

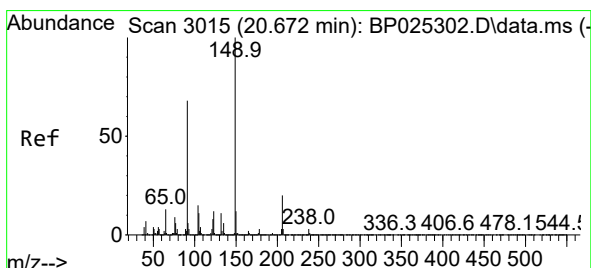
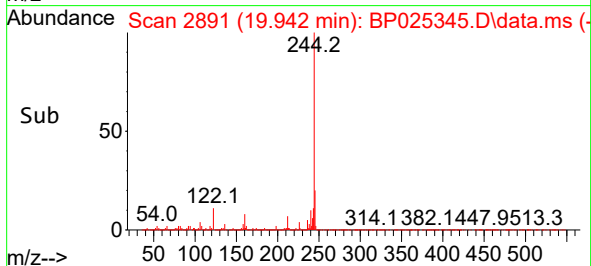
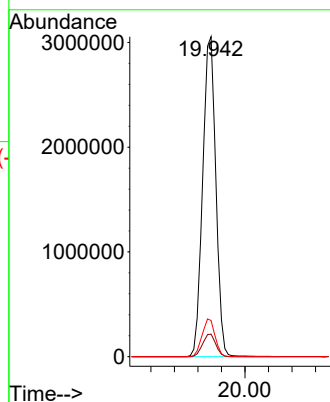
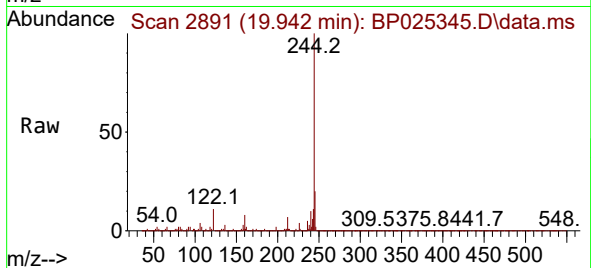
122 11.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#80

Butylbenzylphthalate

Concen: 52.000 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

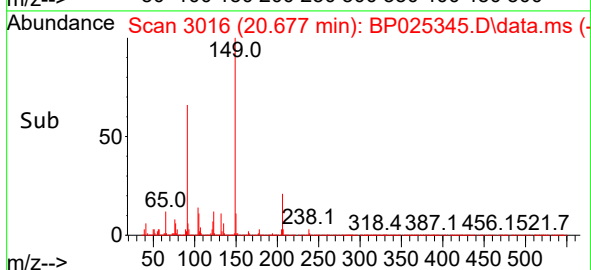
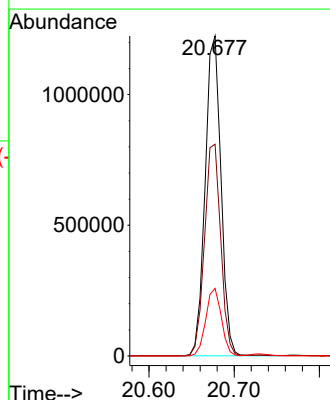
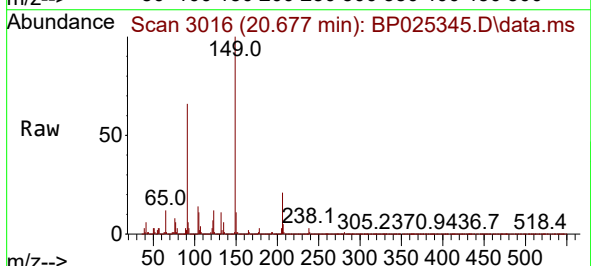
Tgt Ion:149 Resp: 1579543

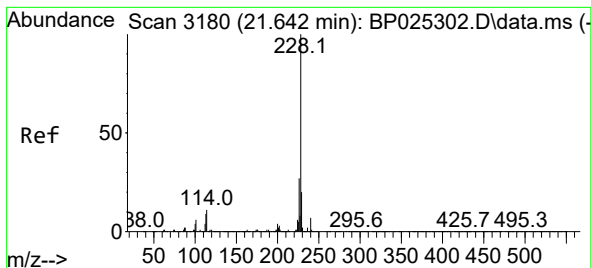
Ion Ratio Lower Upper

149 100

91 66.2 54.7 82.1

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 44.779 ng

RT: 21.654 min Scan# 3182

Delta R.T. 0.012 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:228 Resp: 3351579

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

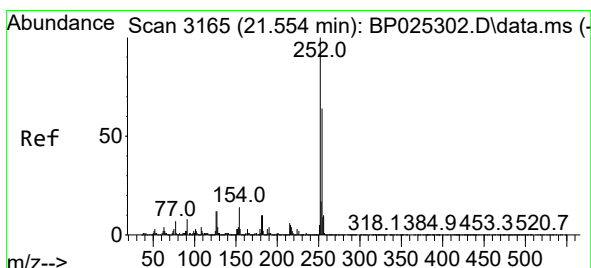
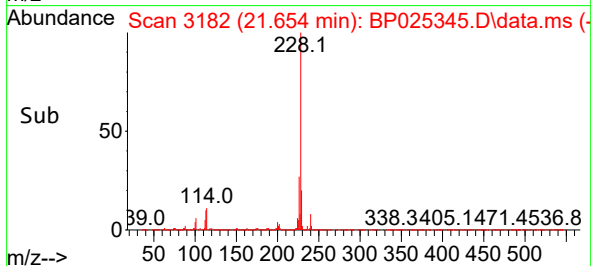
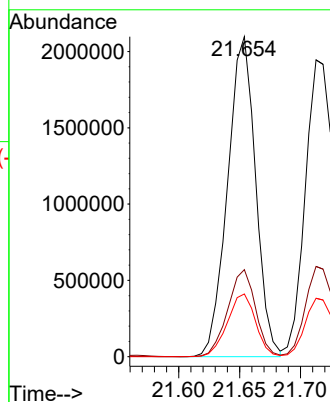
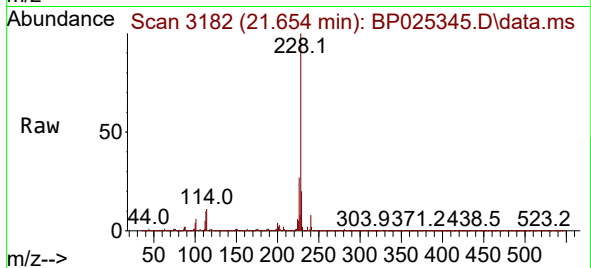
229 19.6 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#82

3,3'-Dichlorobenzidine

Concen: 35.019 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

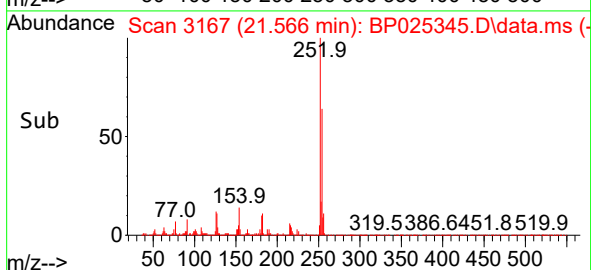
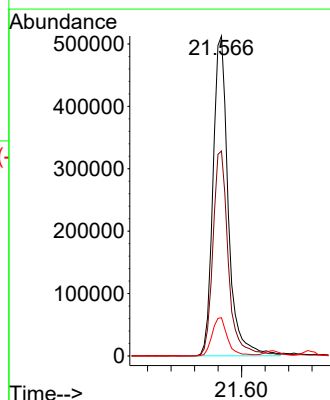
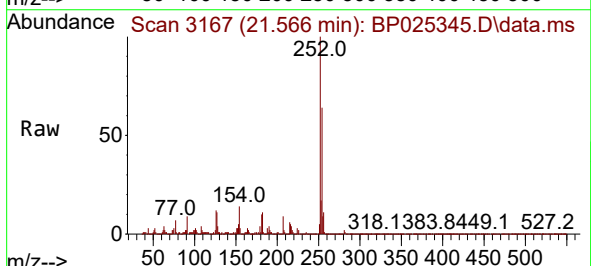
Tgt Ion:252 Resp: 924778

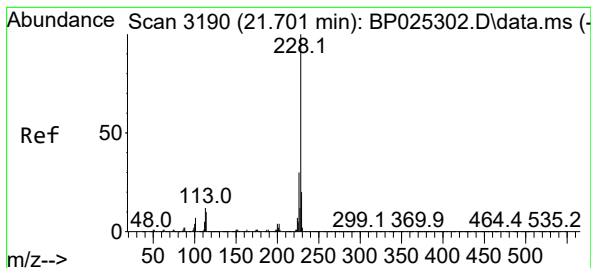
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 12.0 9.4 14.2





#83

Chrysene

Concen: 45.384 ng

RT: 21.713 min Scan# 3192

Delta R.T. 0.012 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:228 Resp: 315055

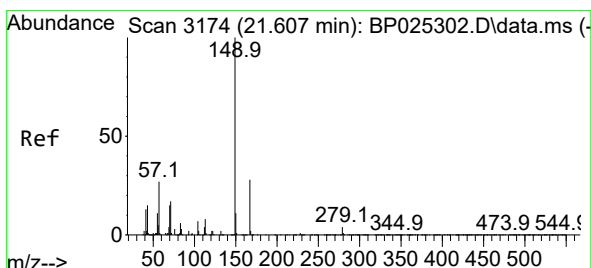
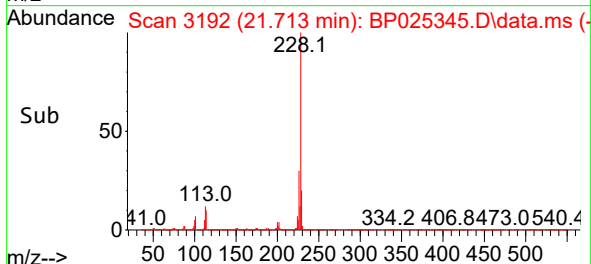
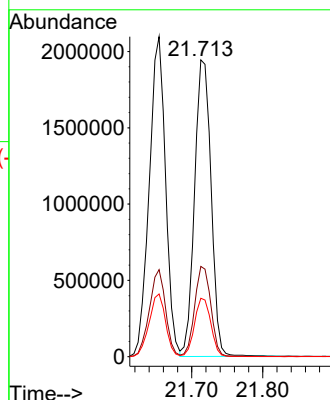
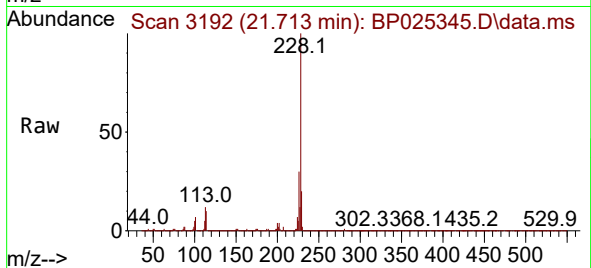
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	19.7	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.170 ng

RT: 21.607 min Scan# 3174

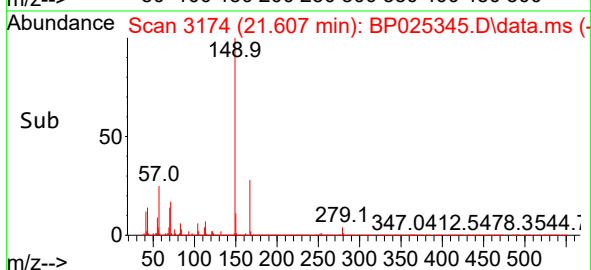
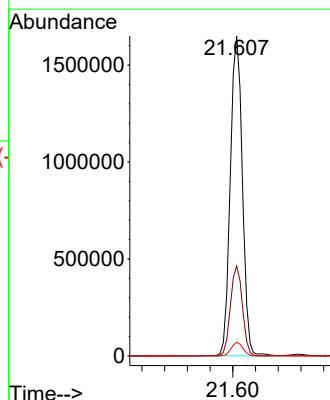
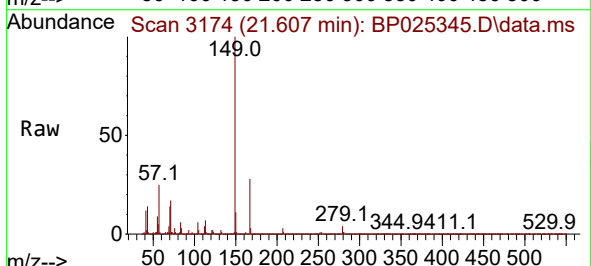
Delta R.T. -0.000 min

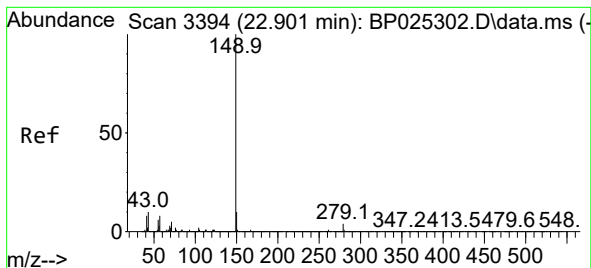
Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Tgt Ion:149 Resp: 2433433

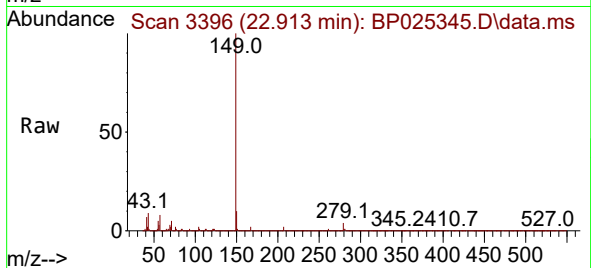
Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.1	33.1
279	4.3	3.4	5.2





#85
Di-n-octyl phthalate
Concen: 52.709 ng
RT: 22.913 min Scan# 31
Delta R.T. 0.012 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

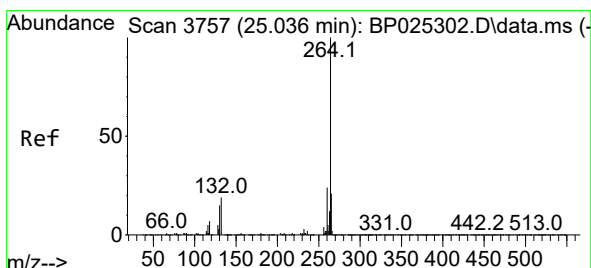
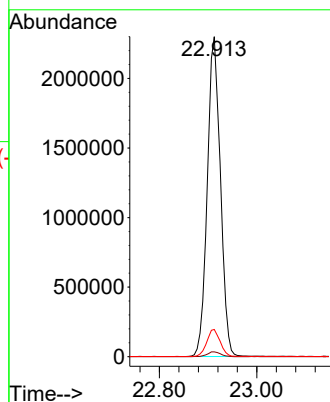
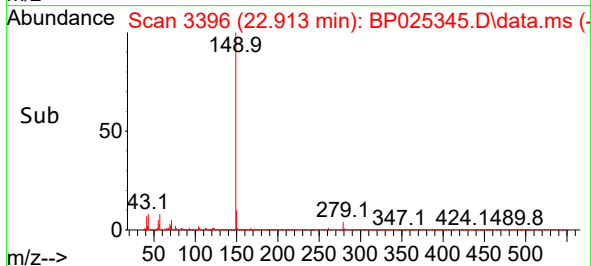
Instrument :
BNA_P
ClientSampleId :
PB169159BS



Tgt Ion:149 Resp: 427919
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.6 7.9 11.9

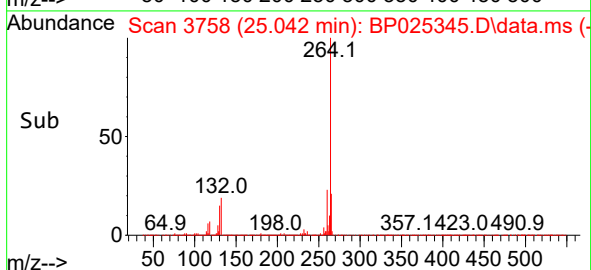
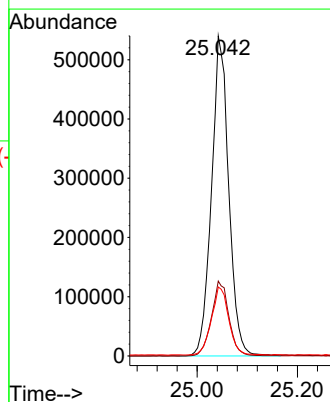
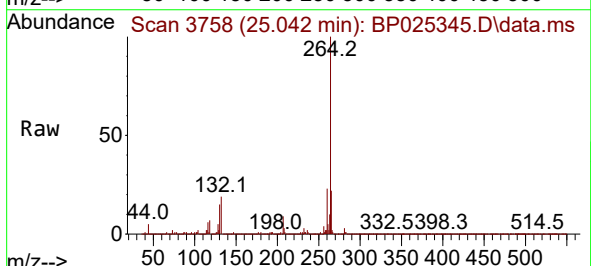
Manual Integrations
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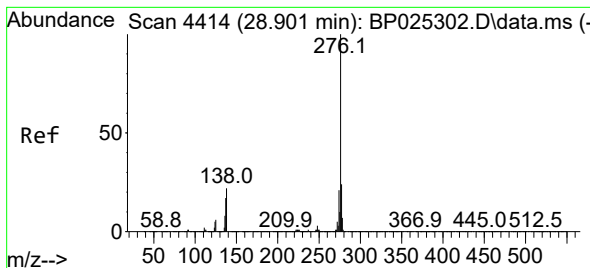
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.042 min Scan# 3758
Delta R.T. 0.006 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

Tgt Ion:264 Resp: 1290720
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.6 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.267 ng m

RT: 28.901 min Scan# 4414

Delta R.T. -0.000 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:276 Resp: 4280339

Ion Ratio Lower Upper

276 100

138 18.0 14.6 22.0

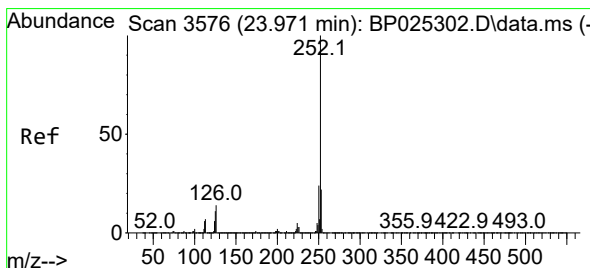
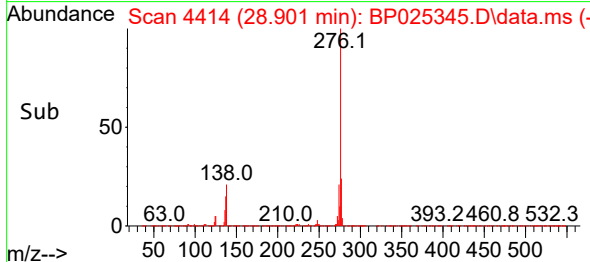
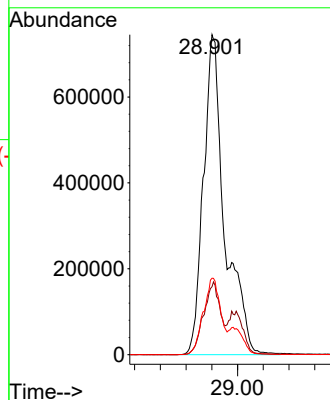
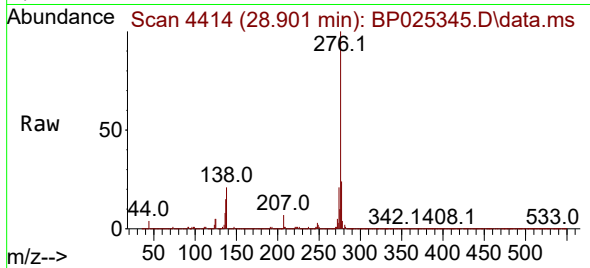
277 19.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#88

Benzo(b)fluoranthene

Concen: 45.166 ng

RT: 23.995 min Scan# 3580

Delta R.T. 0.024 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

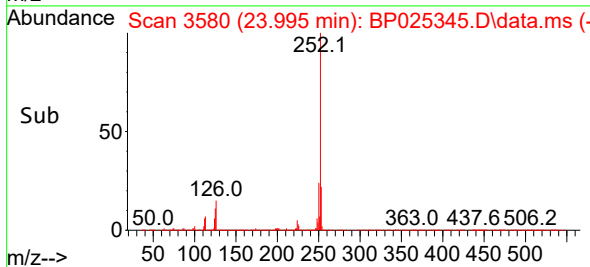
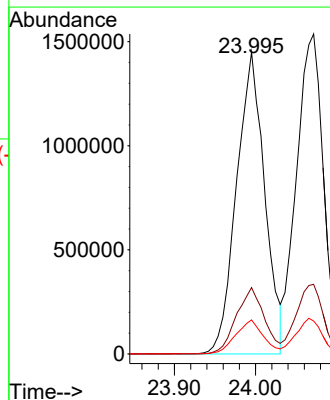
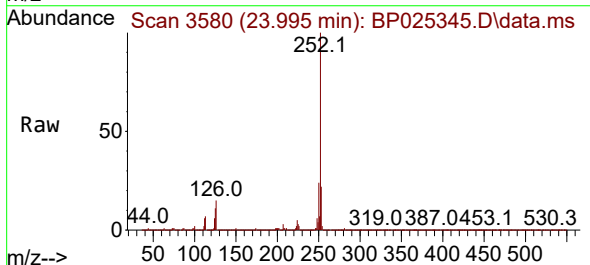
Tgt Ion:252 Resp: 3489752

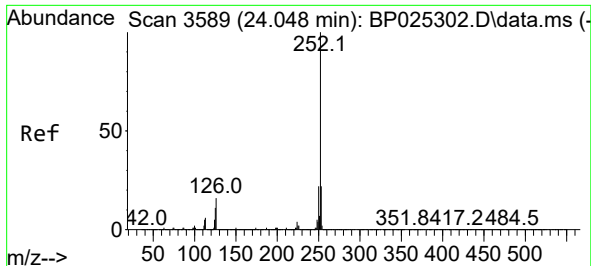
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

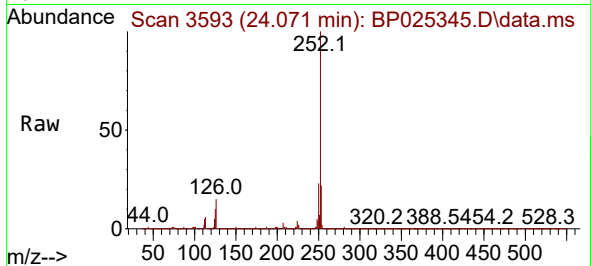
125 11.3 8.5 12.7





#89
Benzo(k)fluoranthene
Concen: 46.263 ng
RT: 24.071 min Scan# 3589
Delta R.T. 0.023 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32

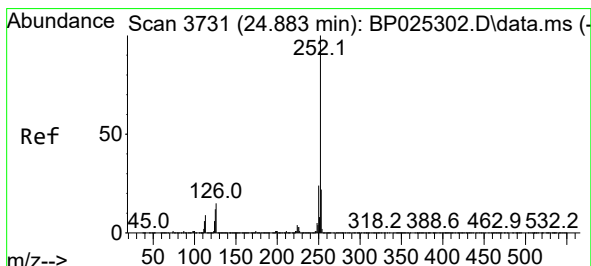
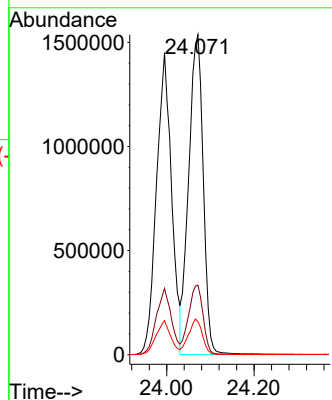
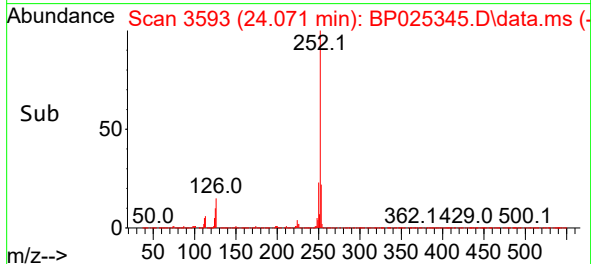
Instrument :
BNA_P
ClientSampleId :
PB169159BS



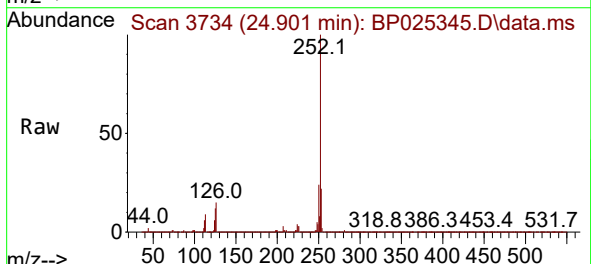
Tgt Ion:252 Resp: 3543479
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.5 12.7

Manual Integrations
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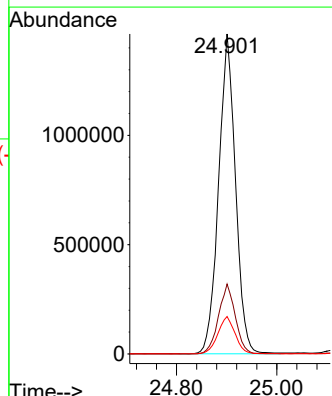
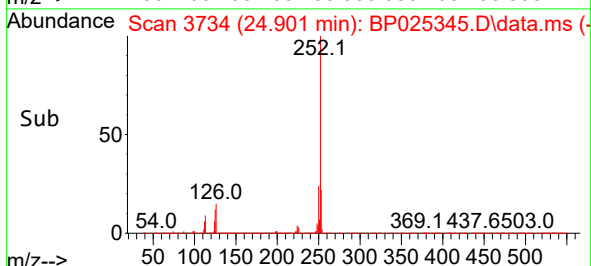
Reviewed By :Rahul Chavli 08/12/2025
Supervised By :Jagrut Upadhyay 08/12/2025

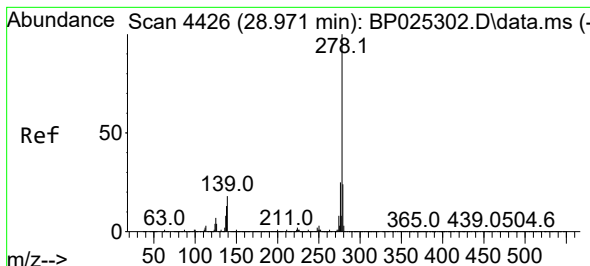


#90
Benzo(a)pyrene
Concen: 45.994 ng
RT: 24.901 min Scan# 3734
Delta R.T. 0.018 min
Lab File: BP025345.D
Acq: 11 Aug 2025 12:32



Tgt Ion:252 Resp: 3422279
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 11.7 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 46.352 ng

RT: 29.001 min Scan# 4426

Delta R.T. 0.030 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Instrument :

BNA_P

ClientSampleId :

PB169159BS

Tgt Ion:278 Resp: 351195

Ion Ratio Lower Upper

278 100

139 16.7 14.6 22.0

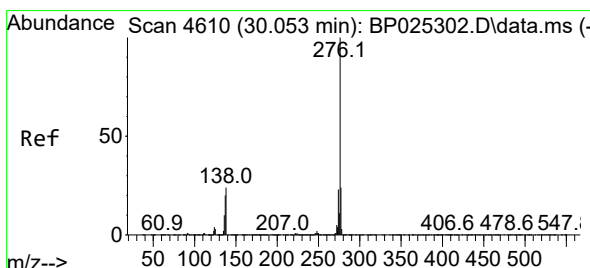
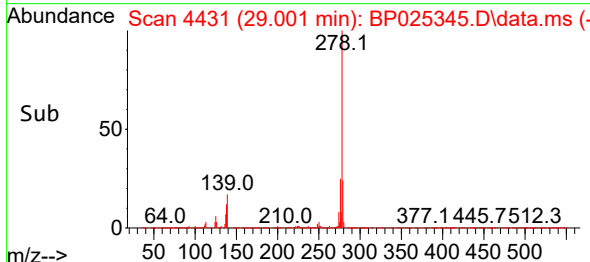
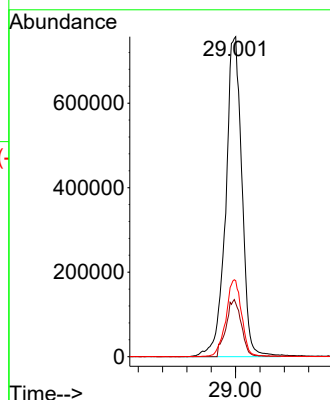
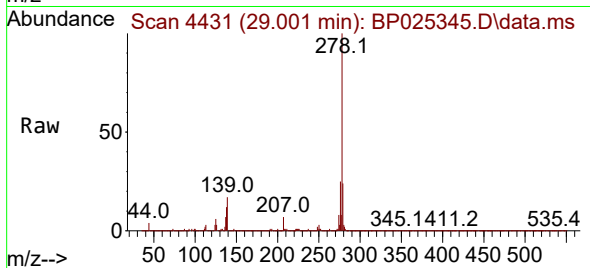
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/12/2025

Supervised By :Jagrut Upadhyay 08/12/2025



#92

Benzo(g,h,i)perylene

Concen: 46.004 ng

RT: 30.095 min Scan# 4617

Delta R.T. 0.042 min

Lab File: BP025345.D

Acq: 11 Aug 2025 12:32

Tgt Ion:276 Resp: 3420865

Ion Ratio Lower Upper

276 100

277 23.6 19.3 28.9

138 23.9 19.1 28.7

