

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
 Data File : BP025362.D
 Acq On : 12 Aug 2025 11:30
 Operator : CG/JU
 Sample : PB169176BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169176BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

Quant Time: Aug 12 11:51:55 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	223200	20.000	ng	0.00
21) Naphthalene-d8	10.572	136	886480	20.000	ng	0.00
39) Acenaphthene-d10	14.425	164	559934	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	1136515	20.000	ng	0.00
76) Chrysene-d12	21.666	240	1132010	20.000	ng	0.00
86) Perylene-d12	25.054	264	1223220	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1742569	125.568	ng	0.00
7) Phenol-d6	6.978	99	2158841	118.204	ng	0.01
23) Nitrobenzene-d5	8.937	82	1345724	84.102	ng	0.00
42) 2,4,6-Tribromophenol	15.931	330	889948	159.318	ng	0.00
45) 2-Fluorobiphenyl	13.037	172	3120279	76.969	ng	0.00
79) Terphenyl-d14	19.948	244	5091486	84.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.337	88	206812	37.764	ng	96
3) Pyridine	3.725	79	576424	37.885	ng	95
4) n-Nitrosodimethylamine	3.631	42	265691	37.613	ng	93
6) Aniline	7.131	93	788062	31.432	ng	98
8) 2-Chlorophenol	7.372	128	695681	45.798	ng	98
9) Benzaldehyde	6.943	77	342372m	26.394	ng	
10) Phenol	7.002	94	831451	42.548	ng	99
11) bis(2-Chloroethyl)ether	7.225	93	626969	40.948	ng	97
12) 1,3-Dichlorobenzene	7.690	146	742731	43.515	ng	100
13) 1,4-Dichlorobenzene	7.837	146	751047	43.493	ng	98
14) 1,2-Dichlorobenzene	8.149	146	717536	42.894	ng	99
15) Benzyl Alcohol	8.031	79	572996	40.474	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	870361	35.984	ng	97
17) 2-Methylphenol	8.231	107	564530	43.174	ng	98
18) Hexachloroethane	8.872	117	275372	44.591	ng	99
19) n-Nitroso-di-n-propyla...	8.596	70	473576	39.466	ng	94
20) 3+4-Methylphenols	8.555	107	765532	42.516	ng	98
22) Acetophenone	8.607	105	967849	43.491	ng	# 95
24) Nitrobenzene	8.984	77	697056	46.020	ng	97
25) Isophorone	9.507	82	1354401	42.523	ng	99
26) 2-Nitrophenol	9.690	139	360082	54.075	ng	97
27) 2,4-Dimethylphenol	9.749	122	646859	44.050	ng	98
28) bis(2-Chloroethoxy)met...	9.984	93	841710	43.441	ng	99
29) 2,4-Dichlorophenol	10.219	162	630757	49.063	ng	97
30) 1,2,4-Trichlorobenzene	10.437	180	644021	45.406	ng	99
31) Naphthalene	10.625	128	2046658	44.474	ng	99
32) Benzoic acid	9.878	122	490093	55.174	ng	97
33) 4-Chloroaniline	10.725	127	537124	26.243	ng	98
34) Hexachlorobutadiene	10.913	225	387739	47.623	ng	98
35) Caprolactam	11.501	113	235976	47.314	ng	88
36) 4-Chloro-3-methylphenol	11.848	107	705454	47.423	ng	98
37) 2-Methylnaphthalene	12.237	142	1315226	44.155	ng	99
38) 1-Methylnaphthalene	12.448	142	1381648	44.455	ng	99
40) 1,2,4,5-Tetrachloroben...	12.607	216	712479	46.607	ng	99
41) Hexachlorocyclopentadiene	12.590	237	944964	100.155	ng	99
43) 2,4,6-Trichlorophenol	12.837	196	510019	51.646	ng	99

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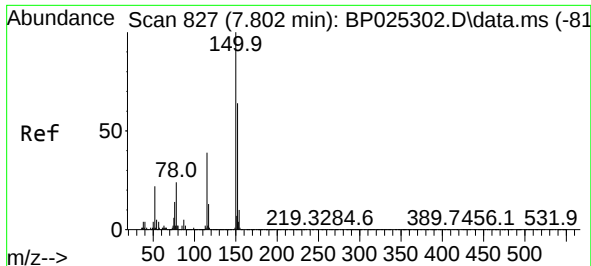
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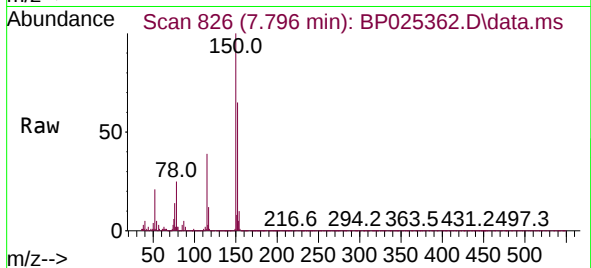
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.919	196	565361	51.035	ng	99
46) 1,1'-Biphenyl	13.248	154	1895189	45.928	ng	98
47) 2-Chloronaphthalene	13.290	162	1425474	45.280	ng	99
48) 2-Nitroaniline	13.484	65	439377	47.666	ng	91
49) Acenaphthylene	14.142	152	2405072	45.800	ng	99
50) Dimethylphthalate	13.872	163	1915246	46.921	ng	99
51) 2,6-Dinitrotoluene	13.990	165	414015	54.988	ng	91
52) Acenaphthene	14.484	154	1666870m	52.039	ng	
53) 3-Nitroaniline	14.313	138	339554	38.541	ng	# 98
54) 2,4-Dinitrophenol	14.519	184	477041	99.036	ng	# 50
55) Dibenzofuran	14.825	168	2195907	45.876	ng	99
56) 4-Nitrophenol	14.631	139	794482	102.178	ng	95
57) 2,4-Dinitrotoluene	14.784	165	592279	50.560	ng	97
58) Fluorene	15.489	166	1713488	45.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.060	232	485805	52.498	ng	98
60) Diethylphthalate	15.260	149	1964959	47.748	ng	99
61) 4-Chlorophenyl-phenyle...	15.484	204	837336	46.981	ng	98
62) 4-Nitroaniline	15.501	138	462742	53.009	ng	96
63) Azobenzene	15.784	77	1700864	44.490	ng	98
65) 4,6-Dinitro-2-methylph...	15.560	198	332908	60.351	ng	92
66) n-Nitrosodiphenylamine	15.701	169	1607766	46.461	ng	99
67) 4-Bromophenyl-phenylether	16.395	248	550321	48.125	ng	96
68) Hexachlorobenzene	16.519	284	620802	48.382	ng	96
69) Atrazine	16.672	200	606431	49.832	ng	98
70) Pentachlorophenol	16.866	266	870458	106.481	ng	98
71) Phenanthrene	17.266	178	2888692	46.406	ng	100
72) Anthracene	17.360	178	2957986	47.128	ng	100
73) Carbazole	17.636	167	2837889	47.102	ng	100
74) Di-n-butylphthalate	18.242	149	3644409	50.000	ng	99
75) Fluoranthene	19.348	202	3411266	47.339	ng	99
77) Benzidine	19.536	184	1349937	32.947	ng	99
78) Pyrene	19.724	202	3544570	47.087	ng	100
80) Butylbenzylphthalate	20.677	149	1703505	55.799	ng	98
81) Benzo(a)anthracene	21.648	228	3487864	46.366	ng	99
82) 3,3'-Dichlorobenzidine	21.566	252	989290	37.274	ng	99
83) Chrysene	21.719	228	3322383	47.618	ng	99
84) Bis(2-ethylhexyl)phtha...	21.601	149	2470691	50.682	ng	99
85) Di-n-octyl phthalate	22.901	149	4122164	50.519	ng	97
87) Indeno(1,2,3-cd)pyrene	28.918	276	4205037m	47.961	ng	
88) Benzo(b)fluoranthene	23.989	252	3481057	47.540	ng	99
89) Benzo(k)fluoranthene	24.071	252	3427390	47.216	ng	99
90) Benzo(a)pyrene	24.907	252	3354897	47.576	ng	99
91) Dibenzo(a,h)anthracene	29.006	278	3437751	47.876	ng	98
92) Benzo(g,h,i)perylene	30.106	276	3339547	47.388	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.796 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30

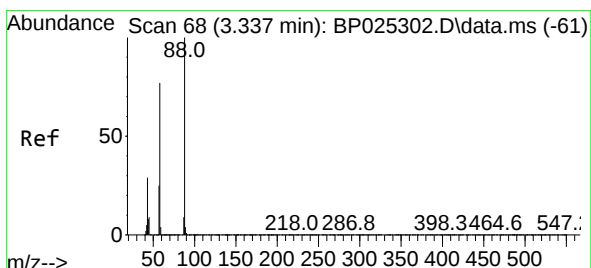
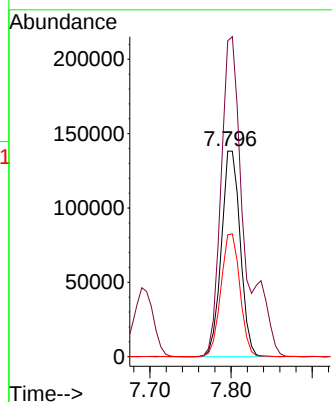
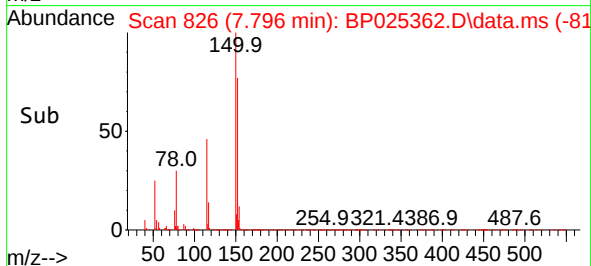
Instrument :
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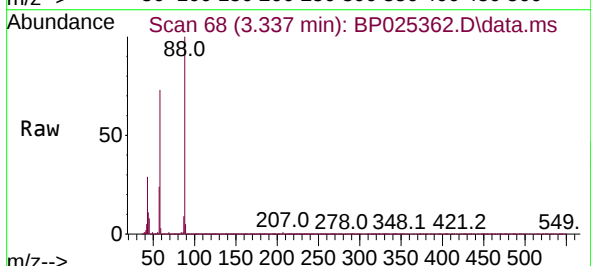
Tgt Ion: 152 Resp: 223200
 Ion Ratio Lower Upper
 152 100
 150 153.6 125.1 187.7
 115 59.3 48.4 72.6

Manual Integrations
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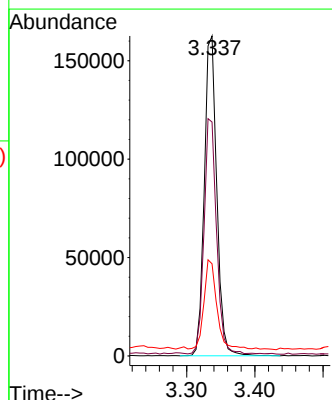
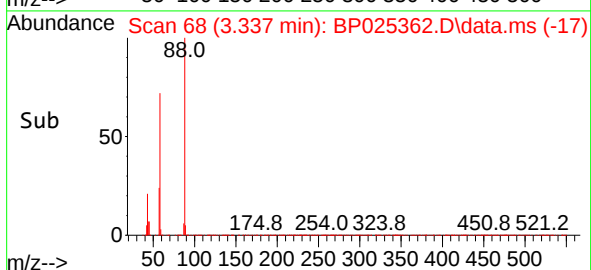
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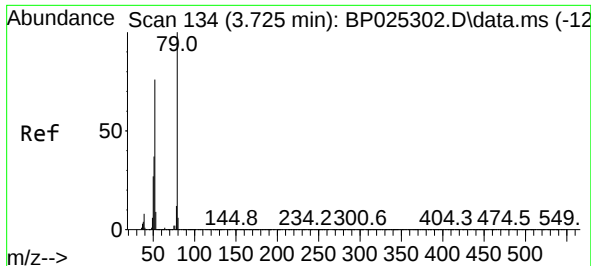


#2
 1,4-Dioxane
 Concen: 37.764 ng
 RT: 3.337 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30



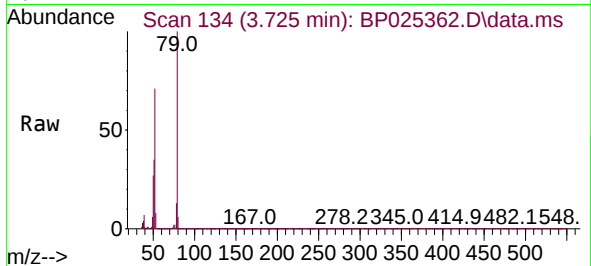
Tgt Ion: 88 Resp: 206812
 Ion Ratio Lower Upper
 88 100
 58 73.6 61.9 92.9
 43 28.3 24.2 36.2





#3
Pyridine
Concen: 37.885 ng
RT: 3.725 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

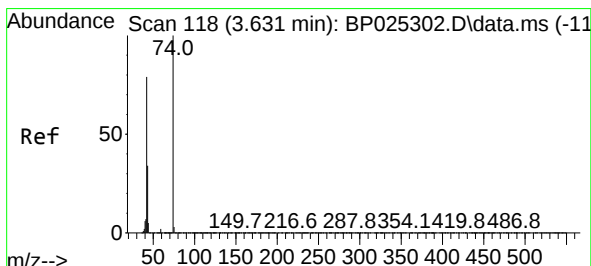
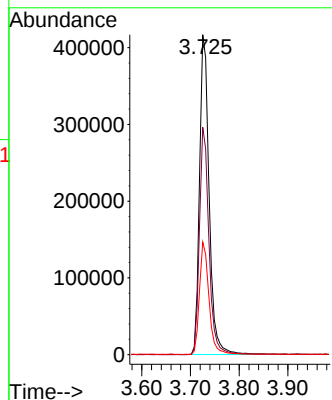
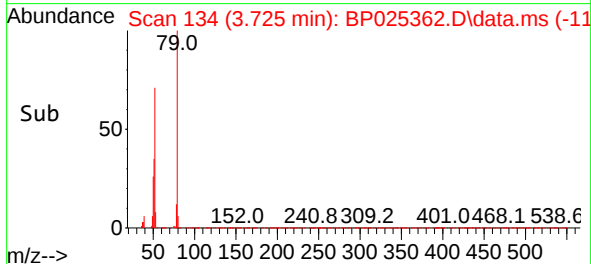
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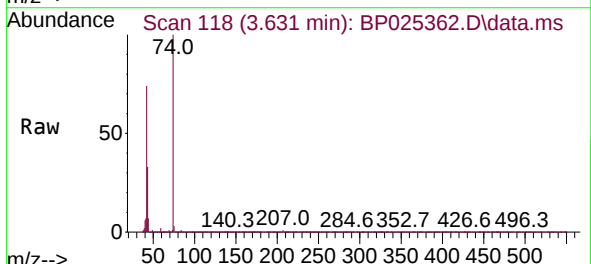
Tgt Ion: 79 Resp: 576424
Ion Ratio Lower Upper
79 100
52 71.0 60.5 90.7
51 35.2 30.2 45.2

Manual Integrations
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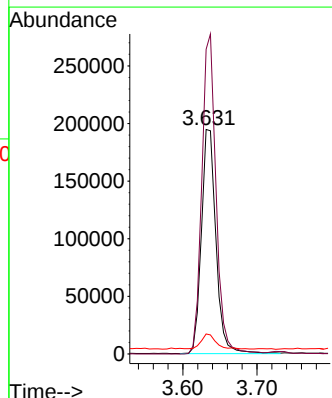
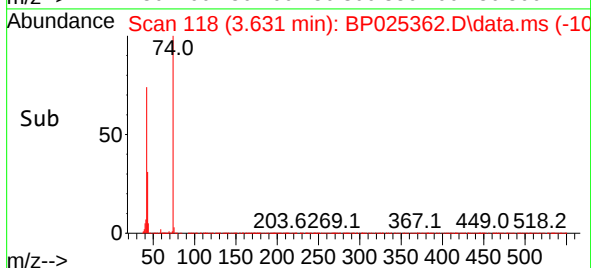
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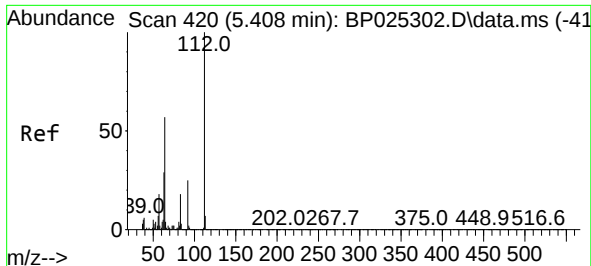


#4
n-Nitrosodimethylamine
Concen: 37.613 ng
RT: 3.631 min Scan# 118
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion: 42 Resp: 265691
Ion Ratio Lower Upper
42 100
74 135.6 101.4 152.2
44 8.9 7.6 11.4





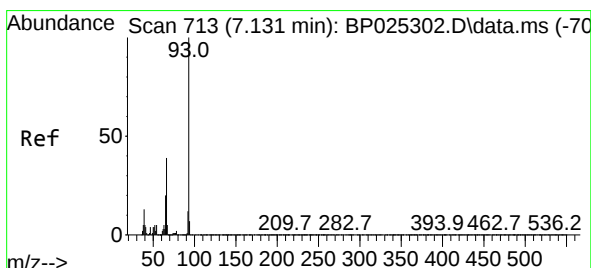
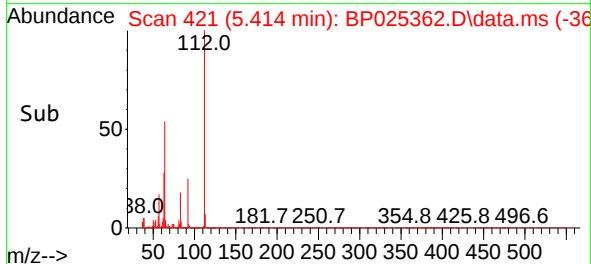
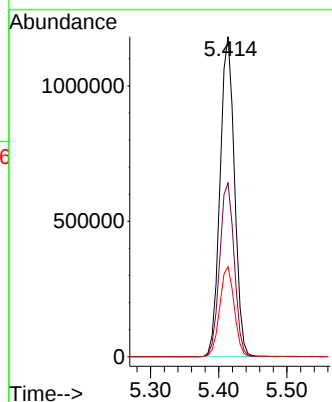
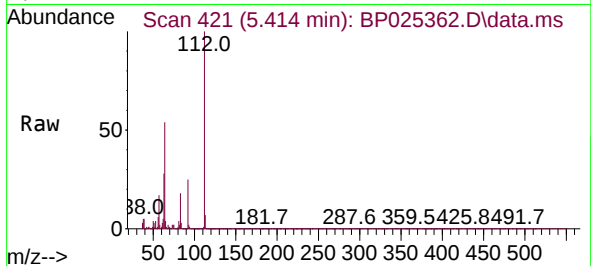
#5
2-Fluorophenol
Concen: 125.568 ng
RT: 5.414 min Scan# 421
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 1742569
Ion Ratio Lower Upper
112 100
64 54.2 45.3 67.9
63 28.1 23.0 34.6

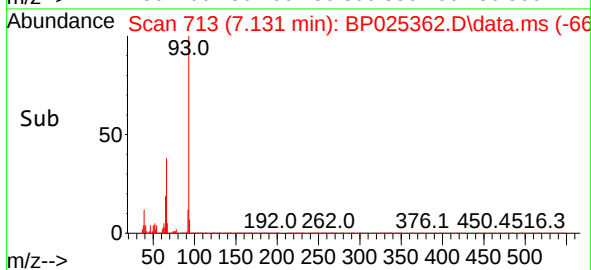
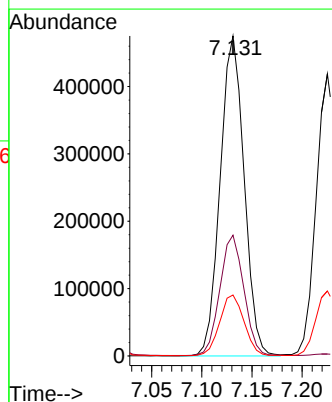
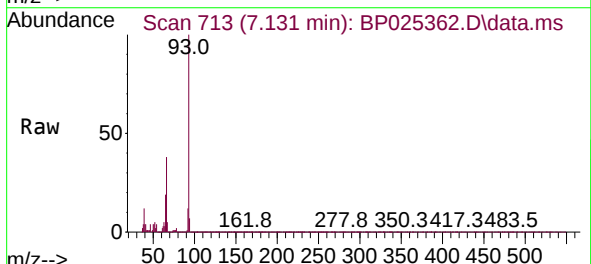
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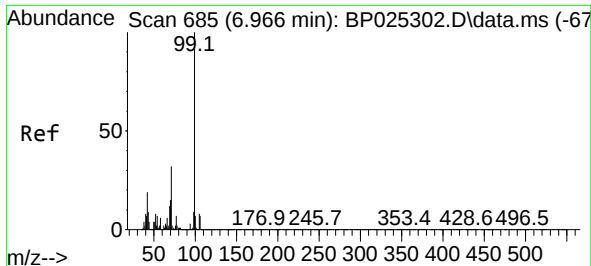
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#6
Aniline
Concen: 31.432 ng
RT: 7.131 min Scan# 713
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

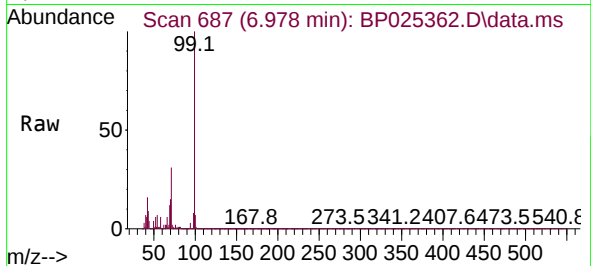
Tgt Ion: 93 Resp: 788062
Ion Ratio Lower Upper
93 100
66 37.7 31.1 46.7
65 19.1 15.8 23.8





#7
Phenol-d6
Concen: 118.204 ng
RT: 6.978 min Scan# 687
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

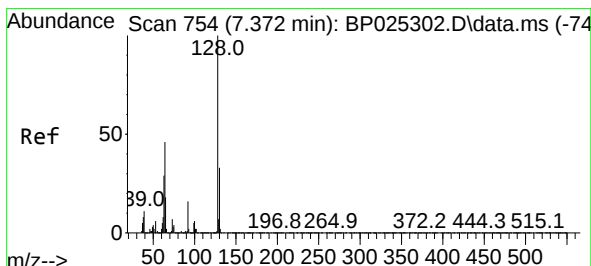
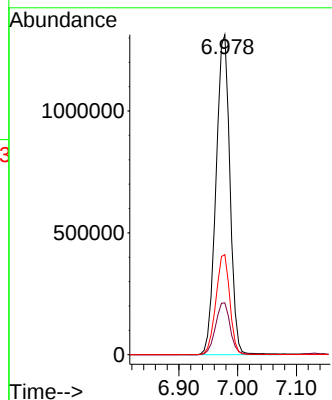
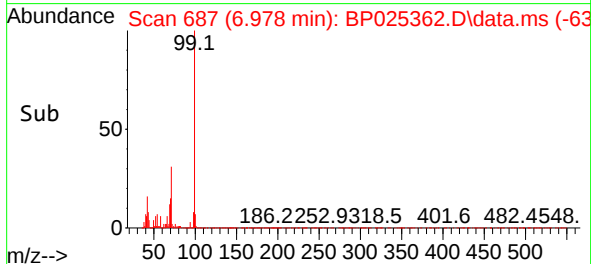
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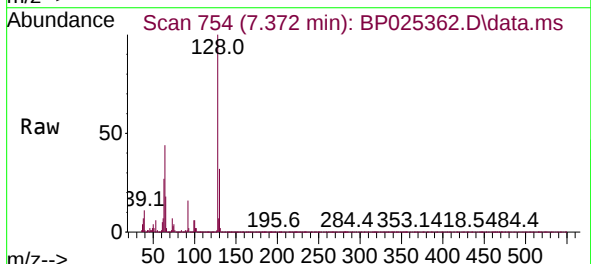
Tgt Ion: 99 Resp: 215884
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 31.2 25.5 38.3

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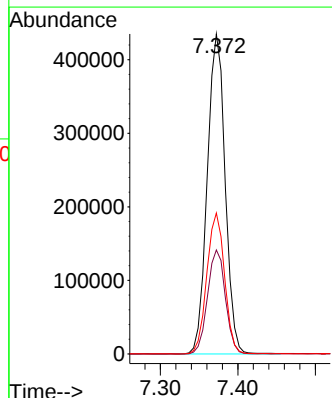
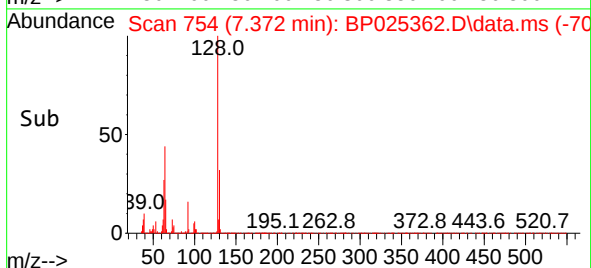
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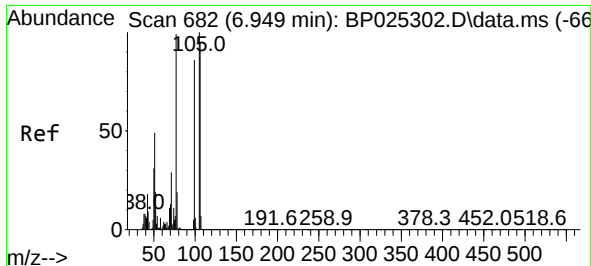


#8
2-Chlorophenol
Concen: 45.798 ng
RT: 7.372 min Scan# 754
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:128 Resp: 695681
Ion Ratio Lower Upper
128 100
130 32.5 13.1 53.1
64 44.1 26.1 66.1





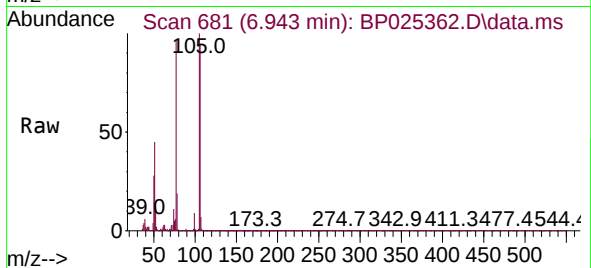
#9
Benzaldehyde
Concen: 26.394 ng m
RT: 6.943 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS



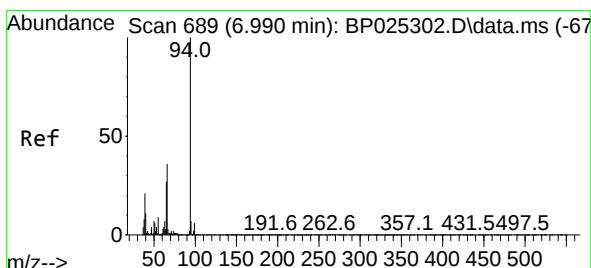
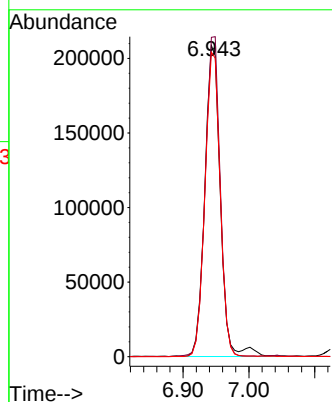
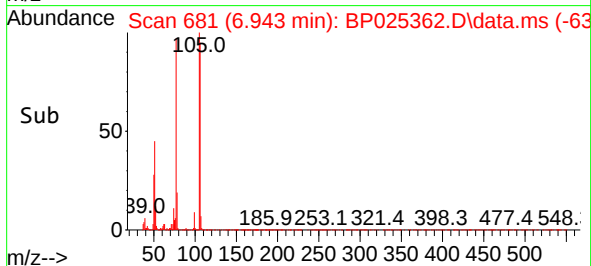
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Ion Ratio Lower Upper
77 100
105 102.6 81.4 121.4
106 97.9 76.2 116.2

Manual Integrations

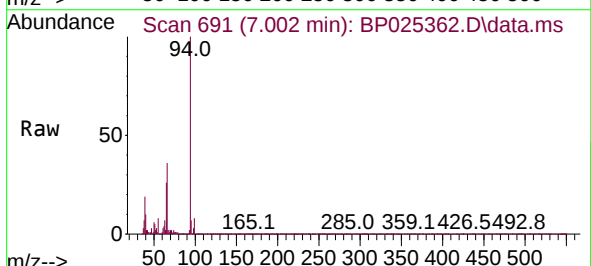
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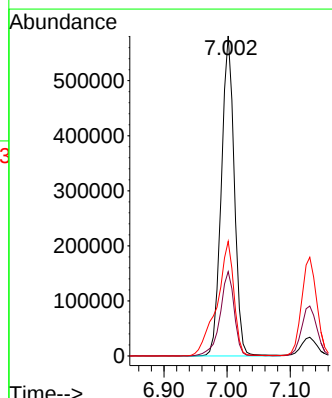
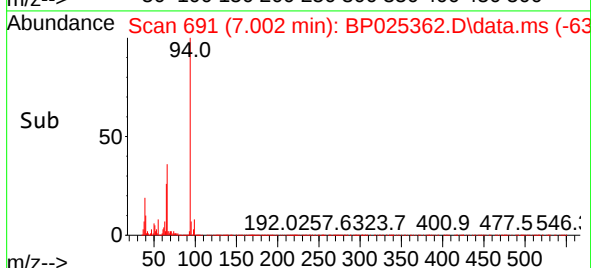
Supervised By :Jagrut Upadhyay 08/13/2025

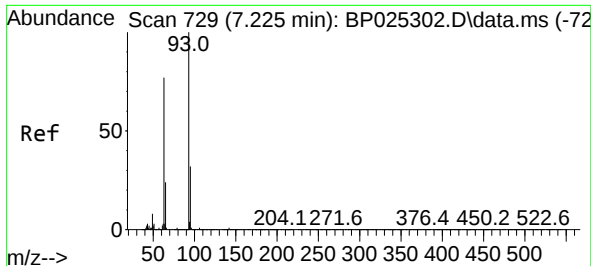


#10
Phenol
Concen: 42.548 ng
RT: 7.002 min Scan# 691
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



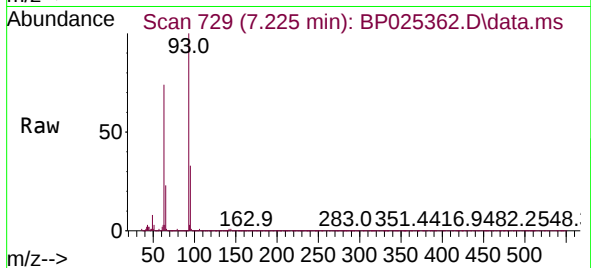
Tgt Ion: 94 Resp: 831451
Ion Ratio Lower Upper
94 100
65 26.4 7.3 47.3
66 35.8 15.7 55.7





#11
bis(2-Chloroethyl)ether
Concen: 40.948 ng
RT: 7.225 min Scan# 729
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

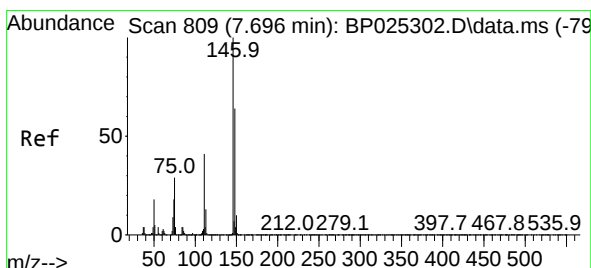
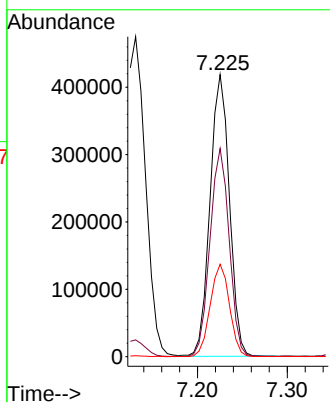
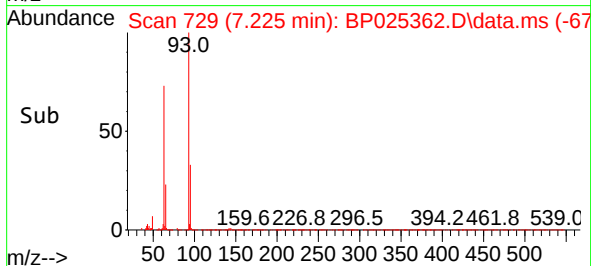
Instrument :
BNA_P
ClientSampleId :
PB169176BS



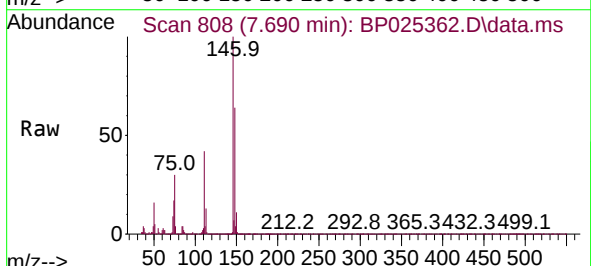
Tgt Ion: 93 Resp: 626969
Ion Ratio Lower Upper
93 100
63 73.8 57.0 97.0
95 32.8 12.1 52.1

Manual Integrations
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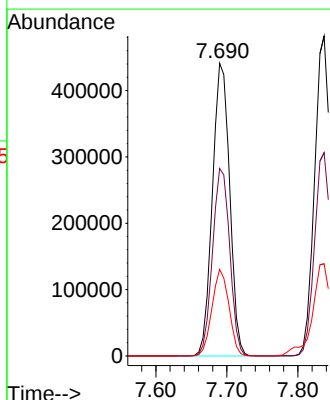
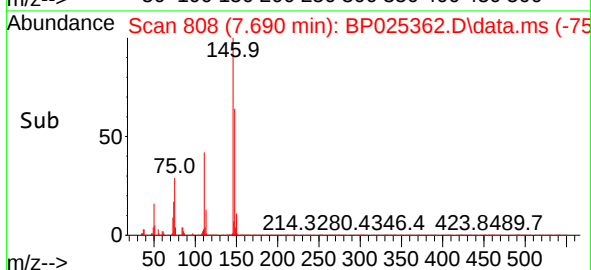
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

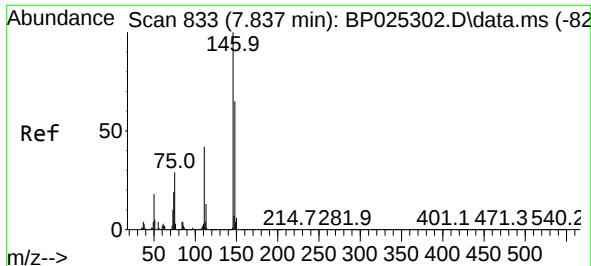


#12
1,3-Dichlorobenzene
Concen: 43.515 ng
RT: 7.690 min Scan# 808
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:146 Resp: 742731
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 29.6 23.2 34.8





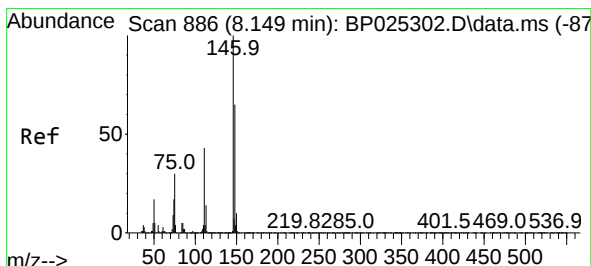
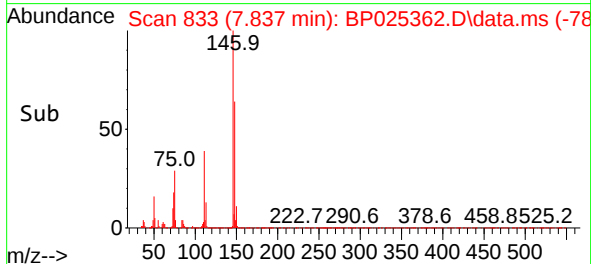
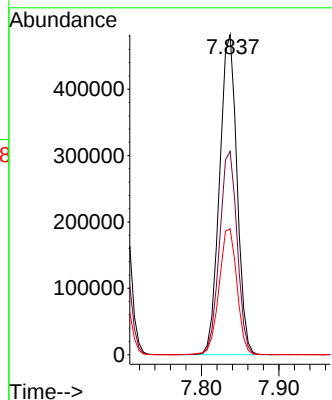
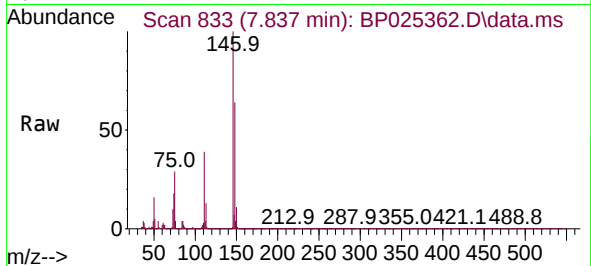
#13
1,4-Dichlorobenzene
Concen: 43.493 ng
RT: 7.837 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Tgt Ion:146 Resp: 75104
Ion Ratio Lower Upper
146 100
148 63.5 52.0 78.0
111 39.4 33.2 49.8

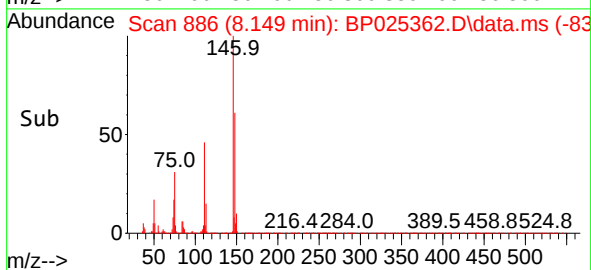
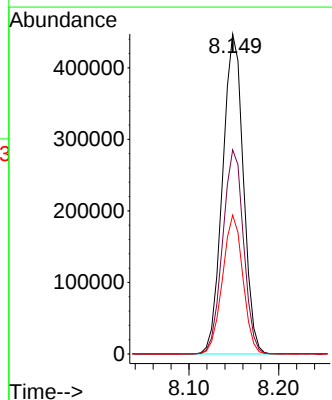
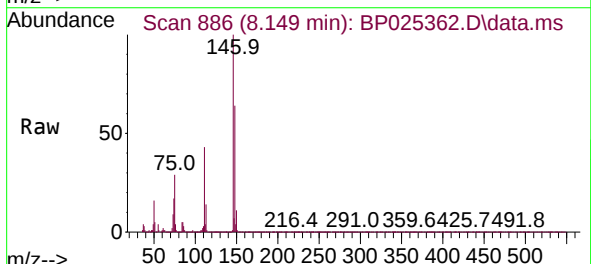
Manual Integrations
APPROVED

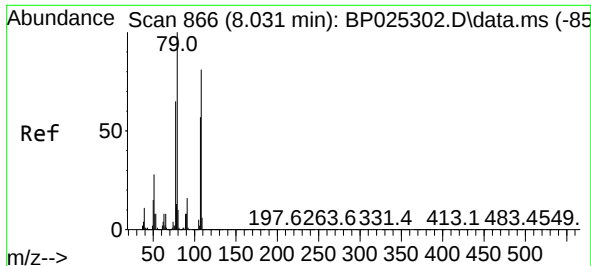
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#14
1,2-Dichlorobenzene
Concen: 42.894 ng
RT: 8.149 min Scan# 886
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

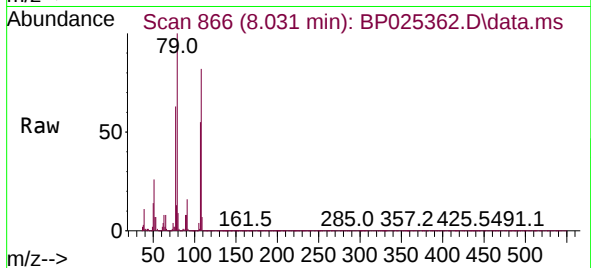
Tgt Ion:146 Resp: 717536
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
111 43.4 34.4 51.6





#15
Benzyl Alcohol
Concen: 40.474 ng
RT: 8.031 min Scan# 866
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

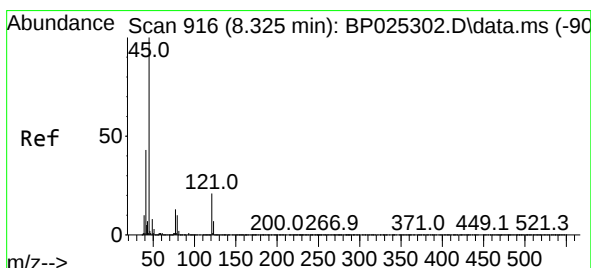
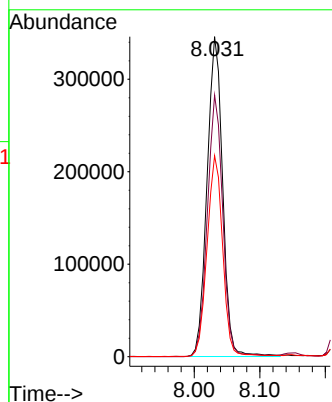
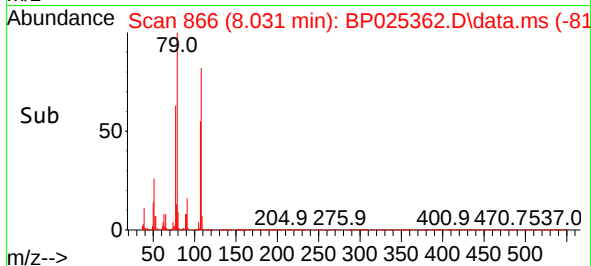
Instrument :
BNA_P
ClientSampleId :
PB169176BS



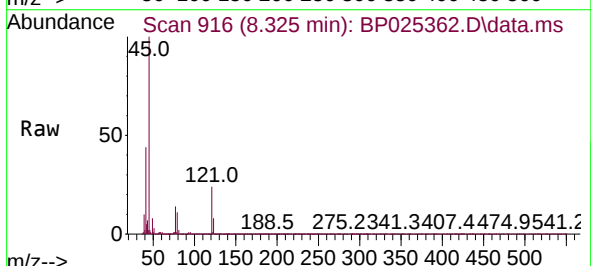
Tgt Ion: 79 Resp: 572990
Ion Ratio Lower Upper
79 100
108 81.7 64.5 96.7
77 62.8 51.9 77.9

Manual Integrations
APPROVED

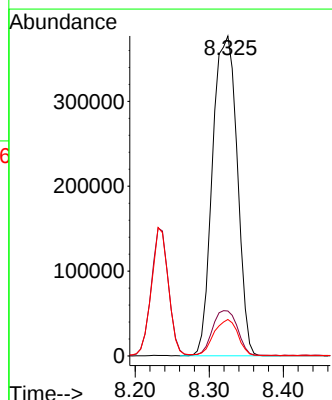
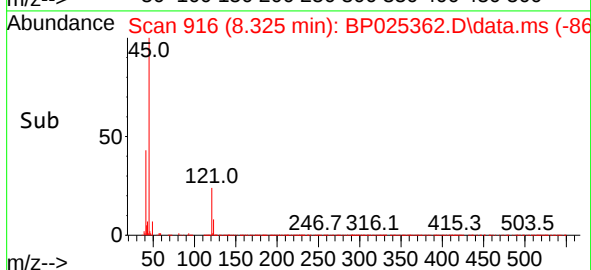
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

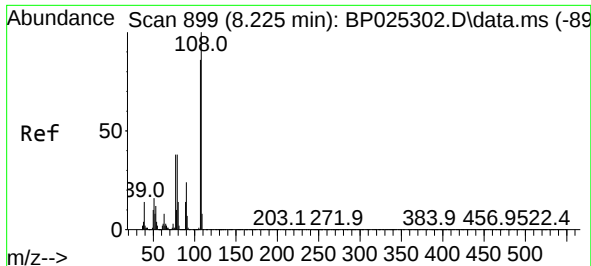


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.984 ng
RT: 8.325 min Scan# 916
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



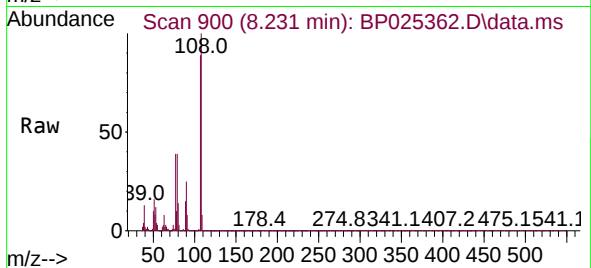
Tgt Ion: 45 Resp: 870361
Ion Ratio Lower Upper
45 100
77 14.1 0.0 33.0
79 11.4 0.0 29.8





#17
2-Methylphenol
Concen: 43.174 ng
RT: 8.231 min Scan# 900
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

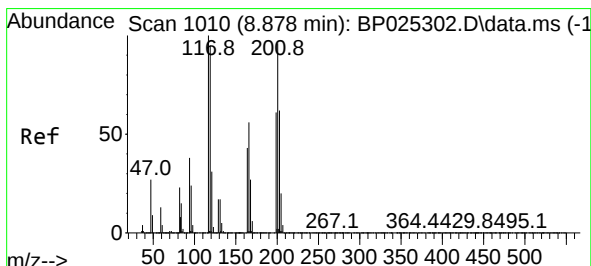
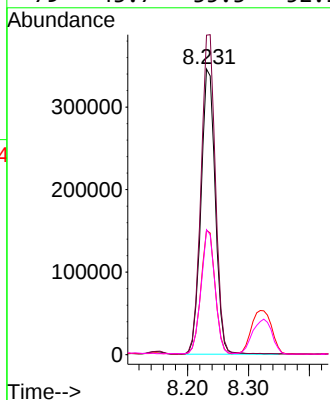
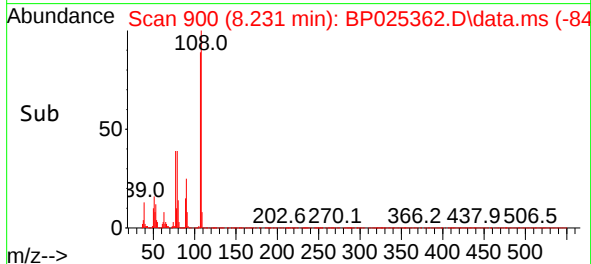
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:107 Resp: 564530
Ion Ratio Lower Upper
107 100
108 111.9 92.6 139.0
77 43.6 35.4 53.2
79 43.7 35.3 52.9

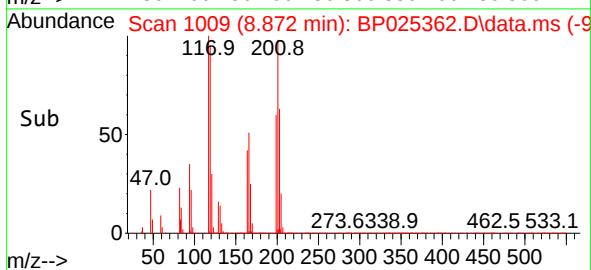
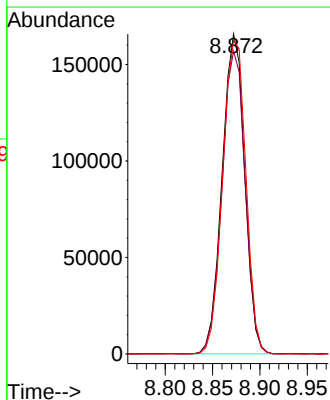
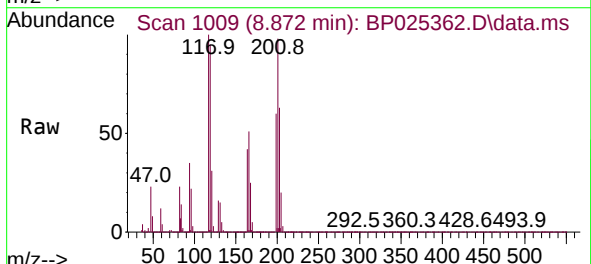
Manual Integrations
APPROVED

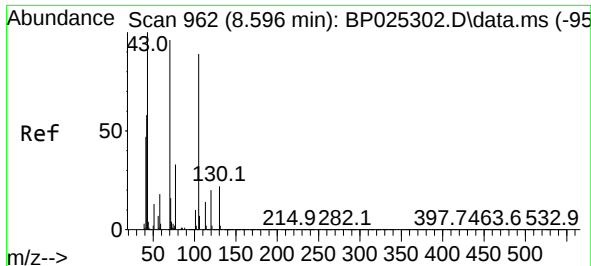
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#18
Hexachloroethane
Concen: 44.591 ng
RT: 8.872 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:117 Resp: 275372
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 98.0 76.6 114.8





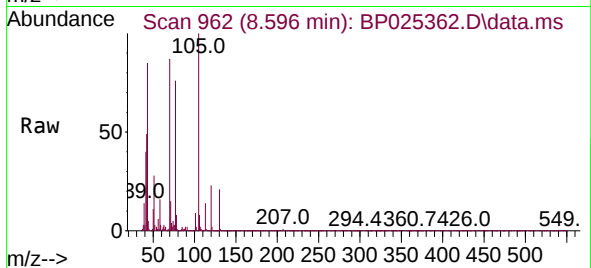
#19
n-Nitroso-di-n-propylamine
Concen: 39.466 ng
RT: 8.596 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

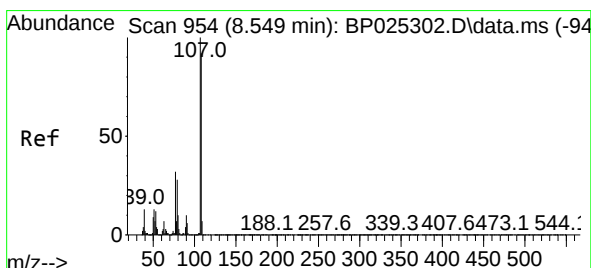
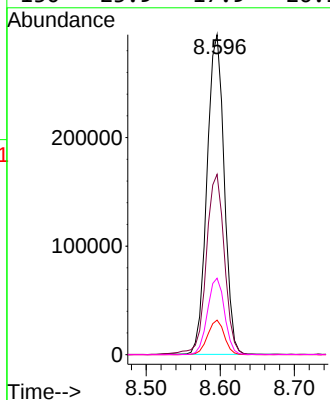
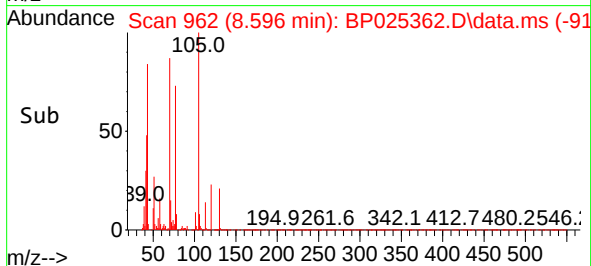


Tgt Ion: 70 Resp: 473570
Ion Ratio Lower Upper
70 100
42 56.3 49.4 74.0
101 10.8 7.9 11.9
130 23.9 17.9 26.9

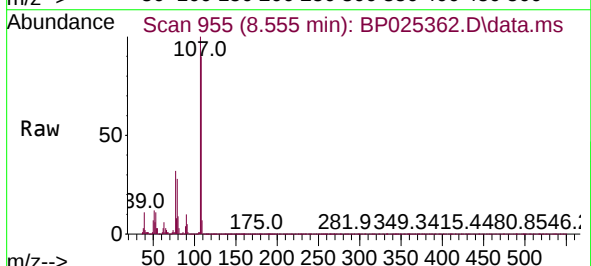
Manual Integrations

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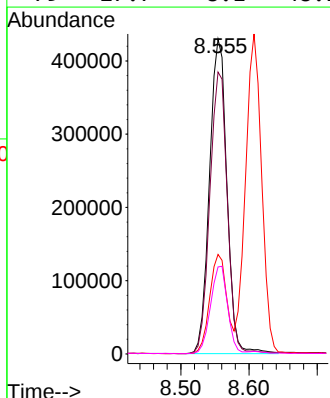
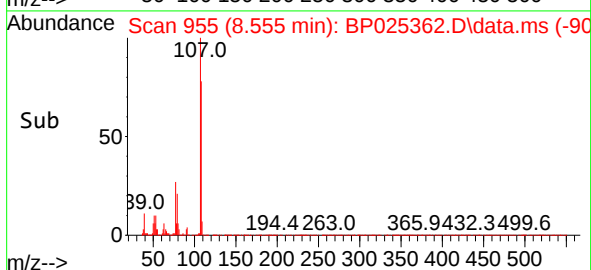
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

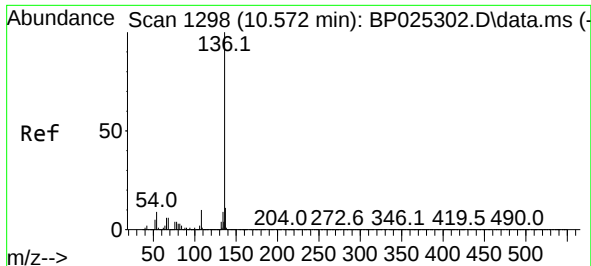


#20
3+4-Methylphenols
Concen: 42.516 ng
RT: 8.555 min Scan# 955
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



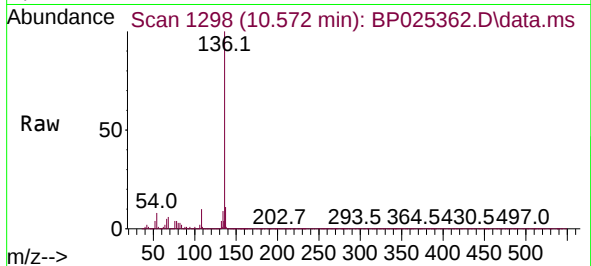
Tgt Ion:107 Resp: 765532
Ion Ratio Lower Upper
107 100
108 89.5 71.9 111.9
77 31.6 12.0 52.0
79 27.7 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.572 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

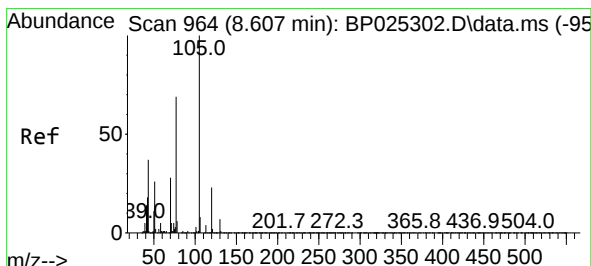
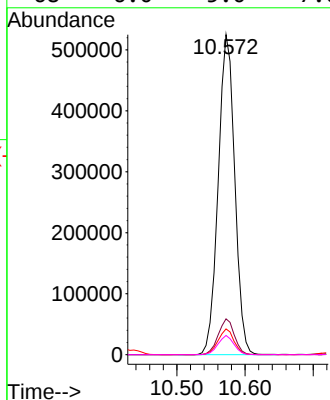
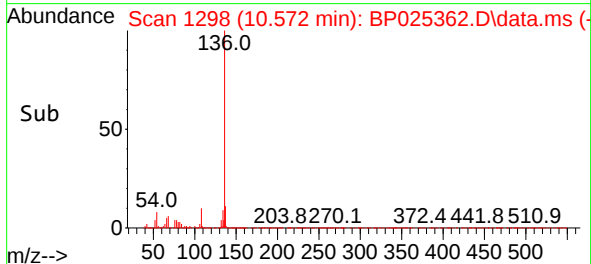
Instrument :
BNA_P
ClientSampleId :
PB169176BS



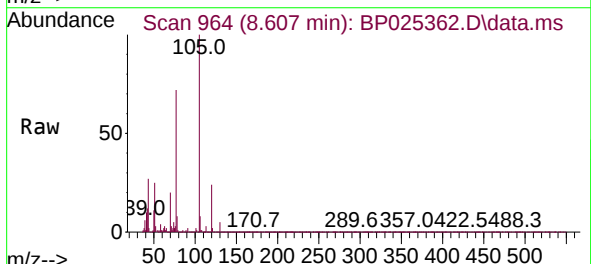
Tgt Ion:136 Resp: 886480
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.0 7.0 10.6
68 6.0 5.0 7.6

Manual Integrations
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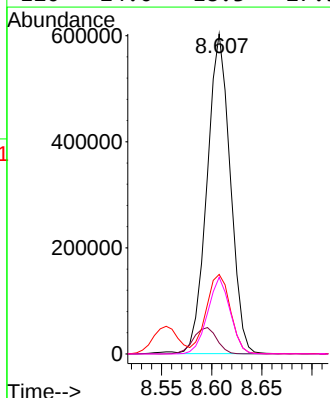
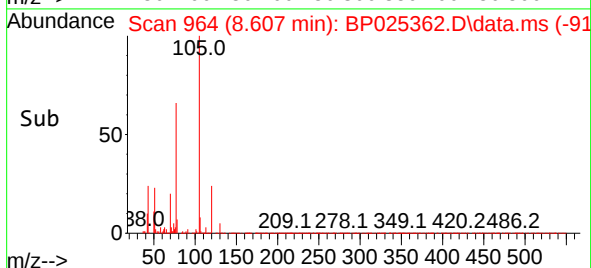
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

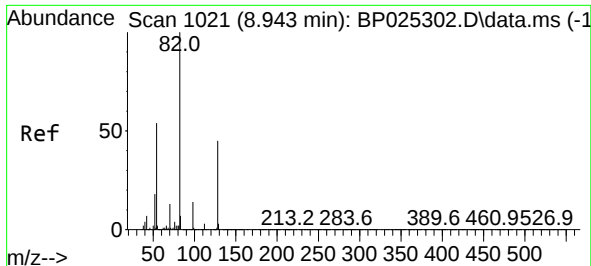


#22
Acetophenone
Concen: 43.491 ng
RT: 8.607 min Scan# 964
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:105 Resp: 967849
Ion Ratio Lower Upper
105 100
71 3.5 4.1 6.1#
51 24.8 22.7 34.1
120 24.0 18.3 27.5





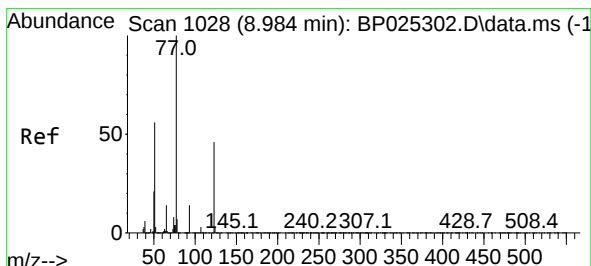
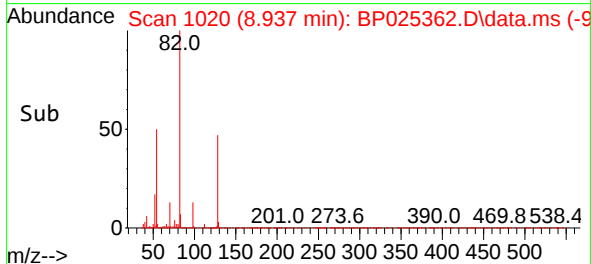
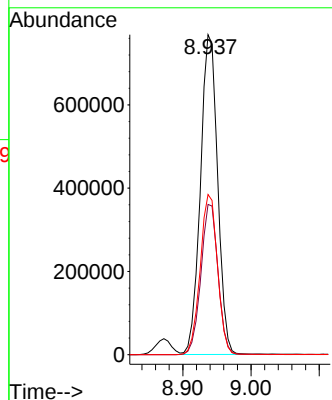
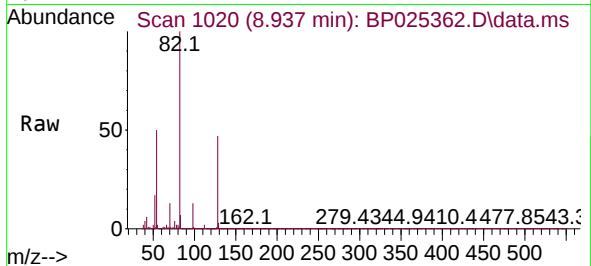
#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 8.937 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Tgt Ion: 82 Resp: 1345724
Ion Ratio Lower Upper
82 100
128 46.9 35.4 53.2
54 50.1 42.9 64.3

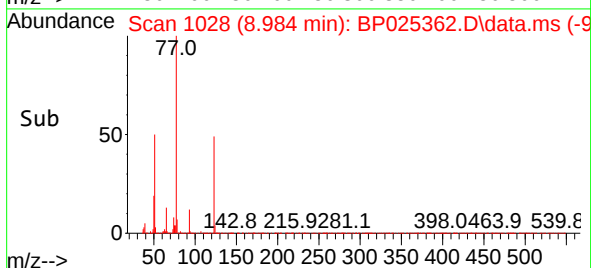
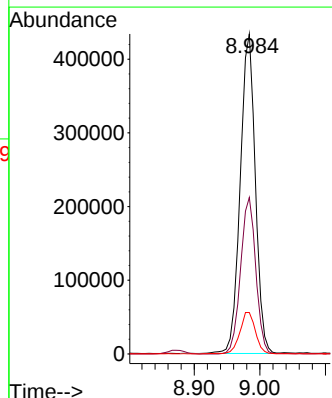
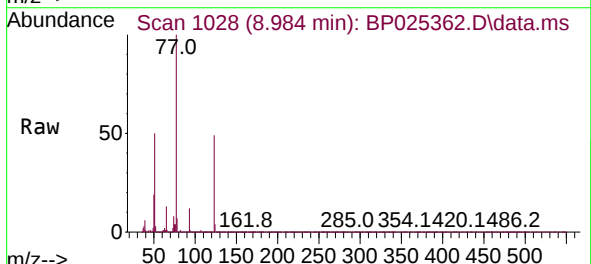
Manual Integrations
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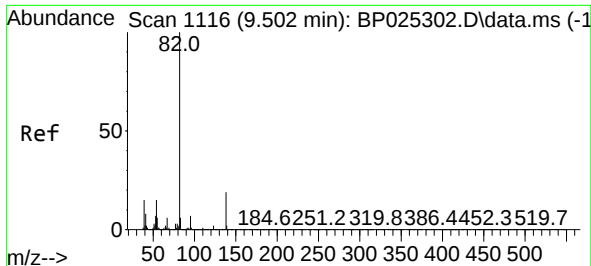
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#24
Nitrobenzene
Concen: 46.020 ng
RT: 8.984 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

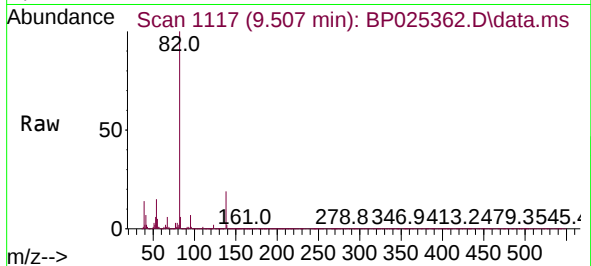
Tgt Ion: 77 Resp: 697056
Ion Ratio Lower Upper
77 100
123 48.9 37.4 56.2
65 13.0 11.1 16.7





#25
Isophorone
Concen: 42.523 ng
RT: 9.507 min Scan# 1116
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

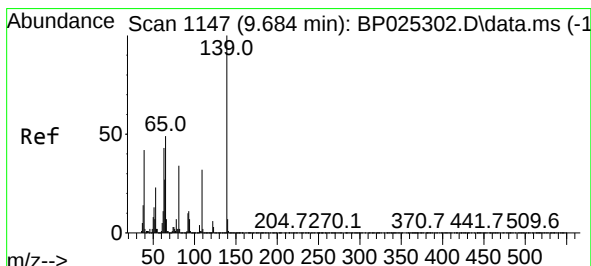
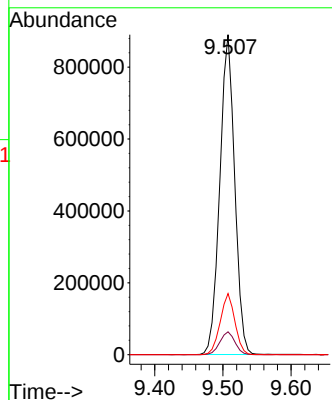
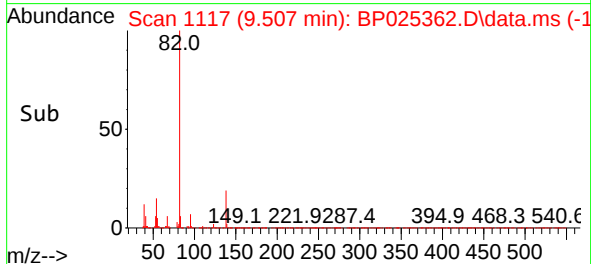
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion: 82 Resp: 135440
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.1 15.0 22.6

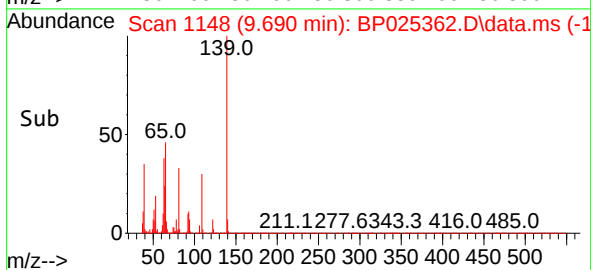
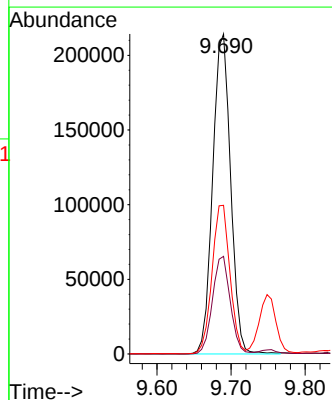
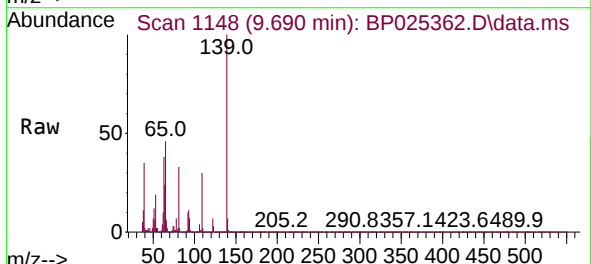
Manual Integrations
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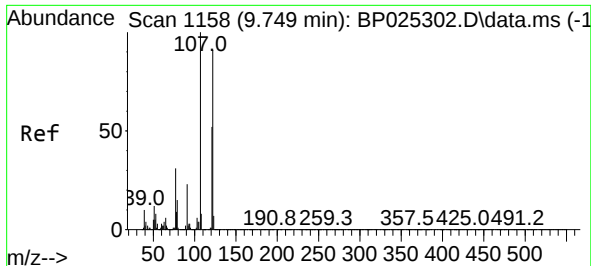
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#26
2-Nitrophenol
Concen: 54.075 ng
RT: 9.690 min Scan# 1148
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:139 Resp: 360082
Ion Ratio Lower Upper
139 100
109 30.5 25.2 37.8
65 46.4 39.6 59.4





#27

2,4-Dimethylphenol

Concen: 44.050 ng

RT: 9.749 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:122 Resp: 64685

Ion Ratio Lower Upper

122 100

107 112.7 87.4 131.0

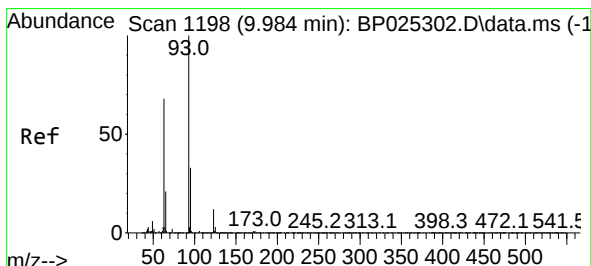
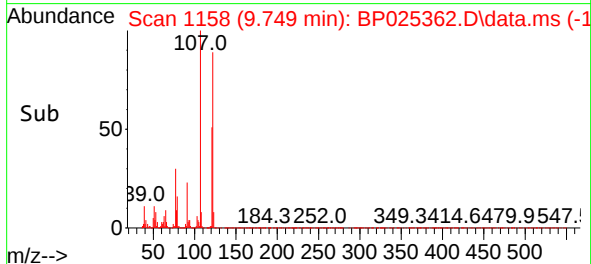
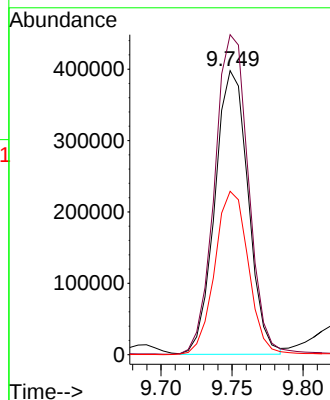
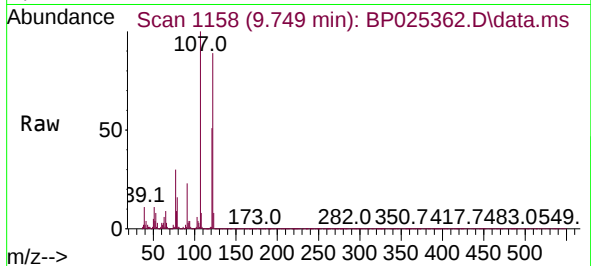
121 57.5 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#28

bis(2-Chloroethoxy)methane

Concen: 43.441 ng

RT: 9.984 min Scan# 1198

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

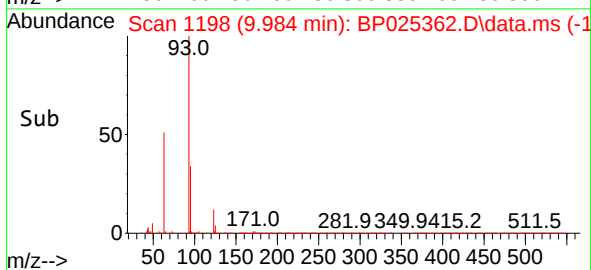
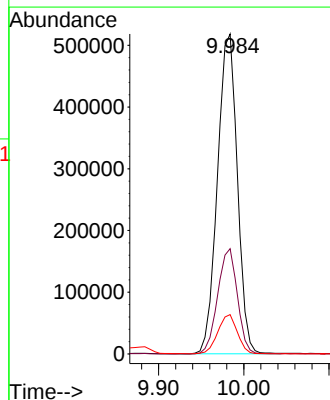
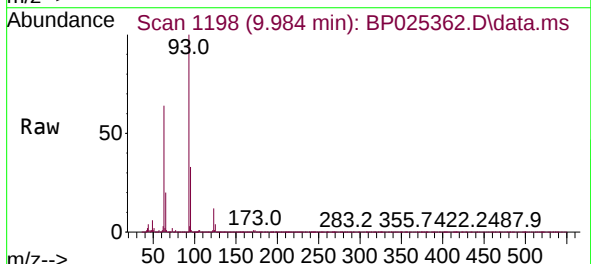
Tgt Ion: 93 Resp: 841710

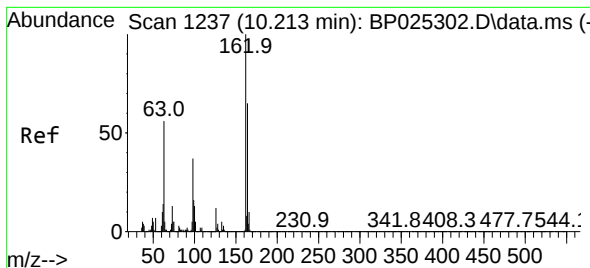
Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

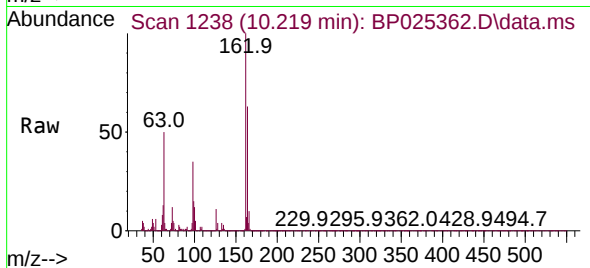
123 12.3 9.4 14.2





#29
2,4-Dichlorophenol
Concen: 49.063 ng
RT: 10.219 min Scan# 1238
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

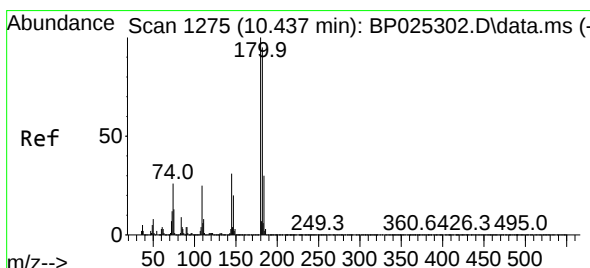
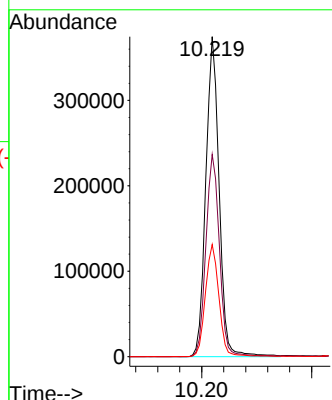
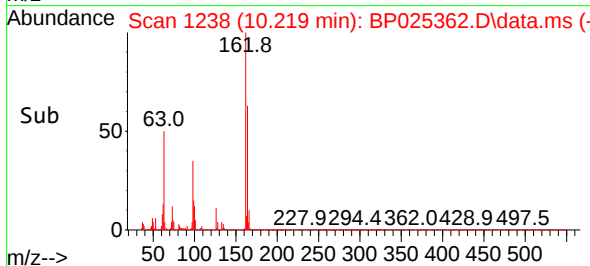
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:162 Resp: 63075
Ion Ratio Lower Upper
162 100
164 63.2 45.2 85.2
98 35.1 17.5 57.5

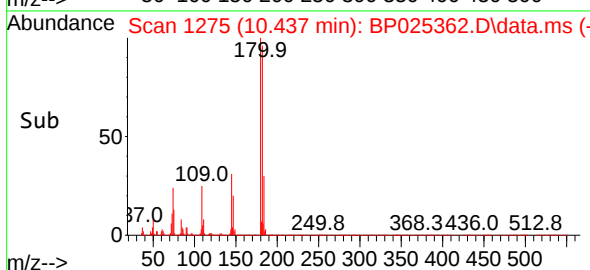
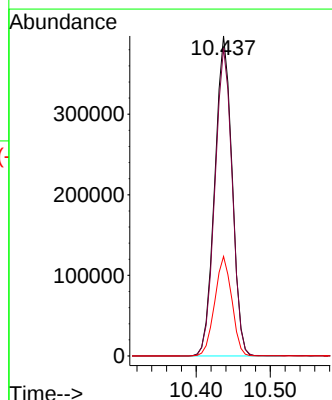
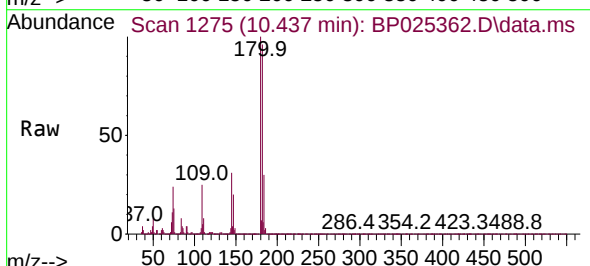
Manual Integrations
APPROVED

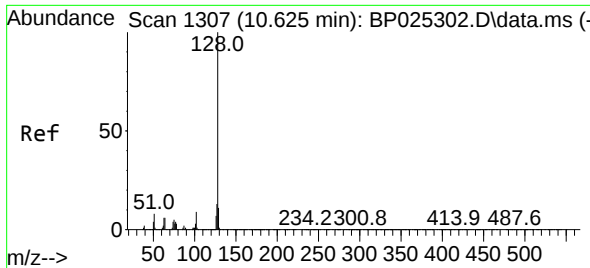
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#30
1,2,4-Trichlorobenzene
Concen: 45.406 ng
RT: 10.437 min Scan# 1275
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

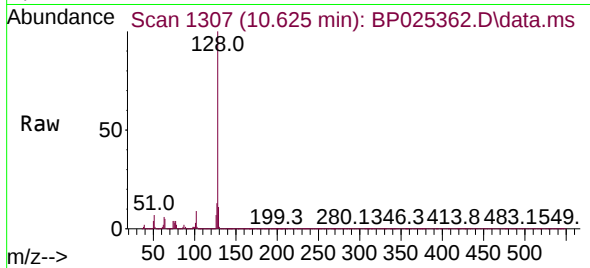
Tgt Ion:180 Resp: 644021
Ion Ratio Lower Upper
180 100
182 96.3 75.8 113.8
145 31.1 25.0 37.4





#31
Naphthalene
Concen: 44.474 ng
RT: 10.625 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

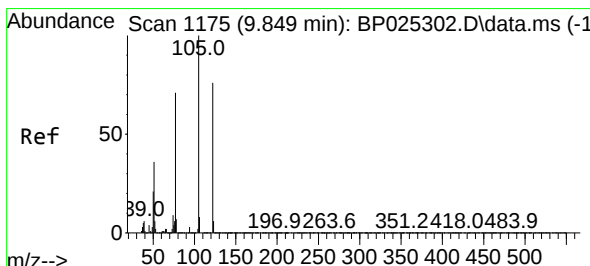
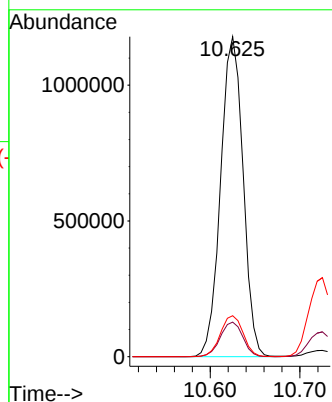
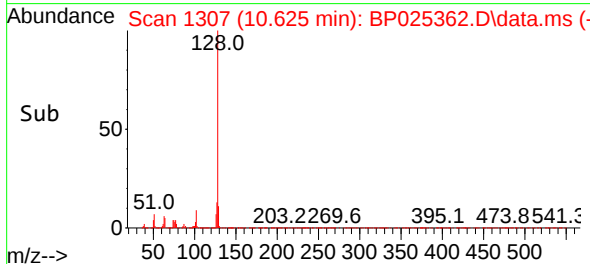
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:128 Resp: 2046658
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6

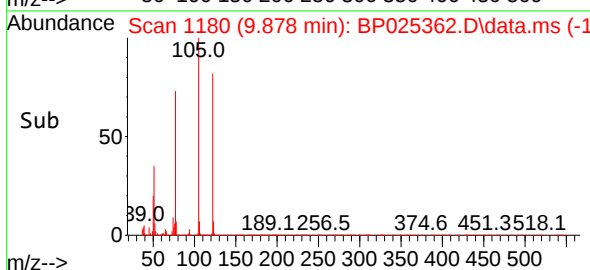
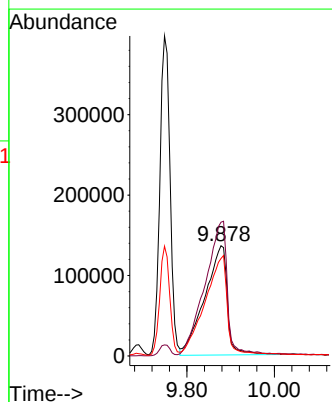
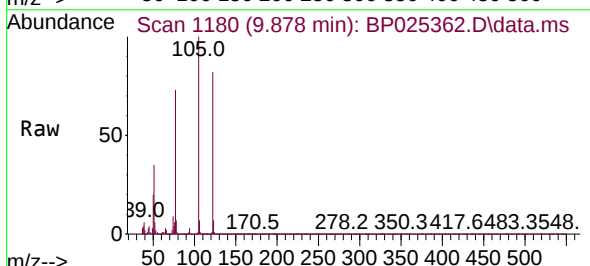
Manual Integrations
APPROVED

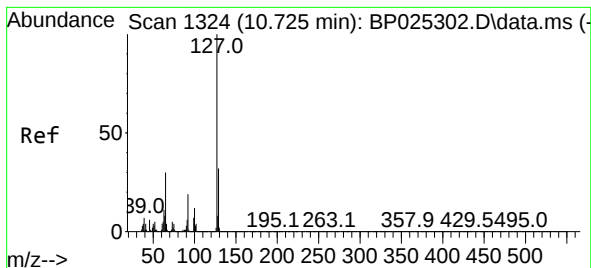
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#32
Benzoic acid
Concen: 55.174 ng
RT: 9.878 min Scan# 1180
Delta R.T. 0.029 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:122 Resp: 490093
Ion Ratio Lower Upper
122 100
105 121.4 104.0 144.0
77 88.4 71.8 111.8





#33
4-Chloroaniline
Concen: 26.243 ng
RT: 10.725 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

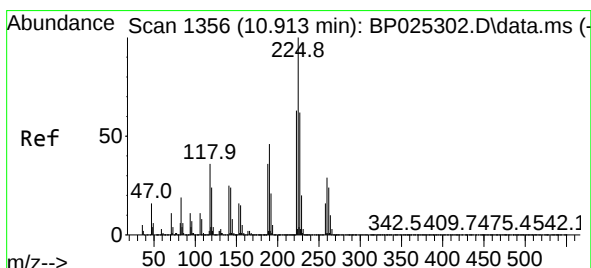
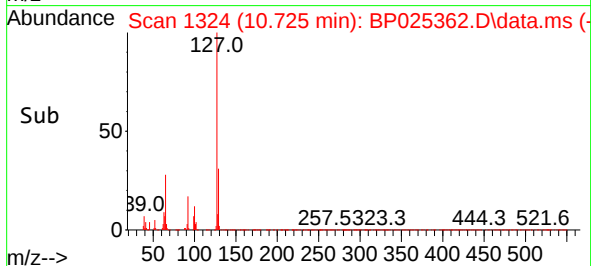
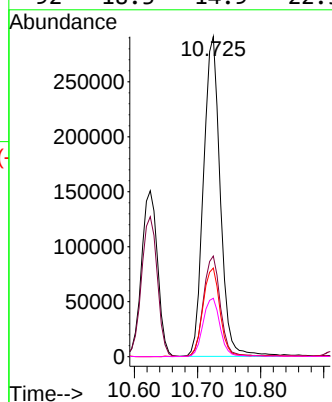
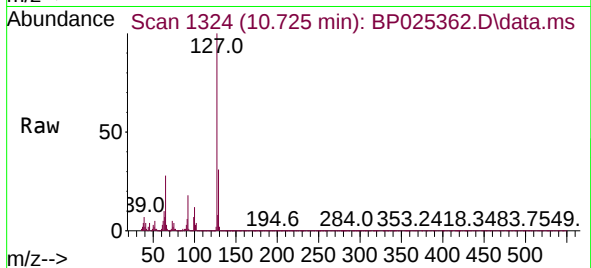
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.6
65	27.7	23.6	35.4
92	18.3	14.9	22.3

Manual Integrations

APPROVED

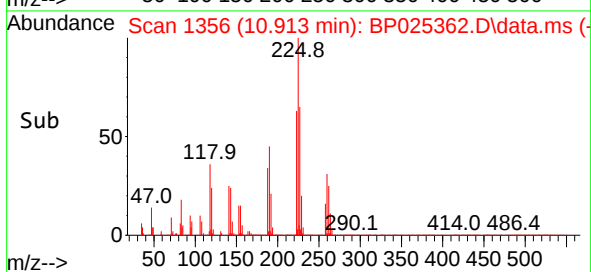
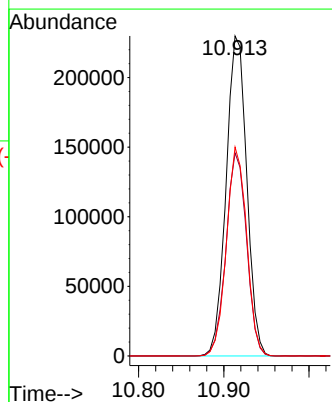
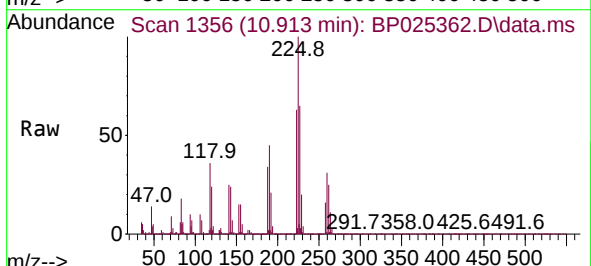
Reviewed By :Rahul Chavli 08/13/2025

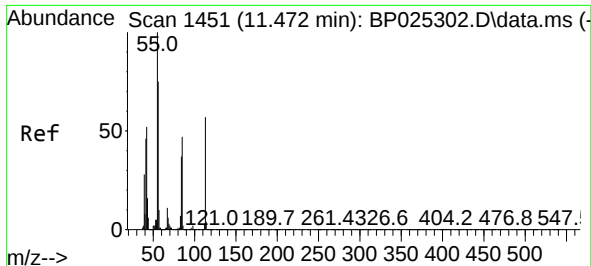
Supervised By :Jagrut Upadhyay 08/13/2025



#34
Hexachlorobutadiene
Concen: 47.623 ng
RT: 10.913 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

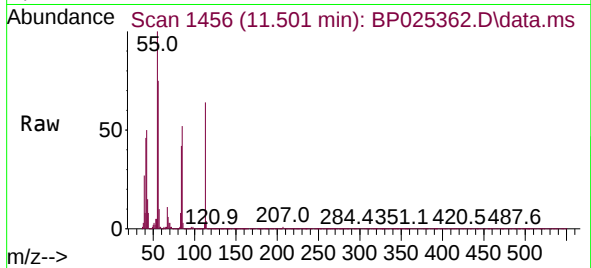
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.3	75.5
227	65.3	49.7	74.5





#35
Caprolactam
Concen: 47.314 ng
RT: 11.501 min Scan# 1451
Delta R.T. 0.029 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

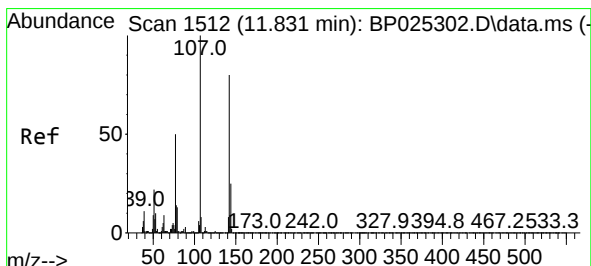
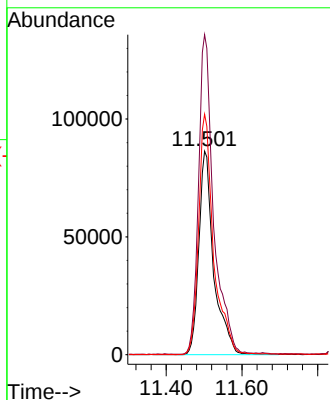
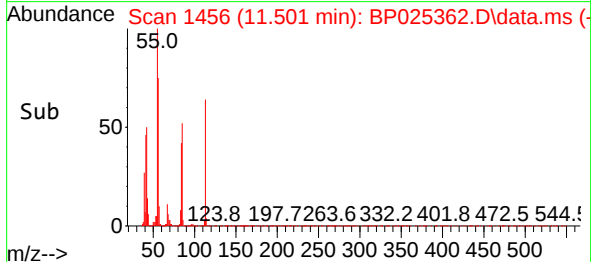
Instrument :
BNA_P
ClientSampleId :
PB169176BS



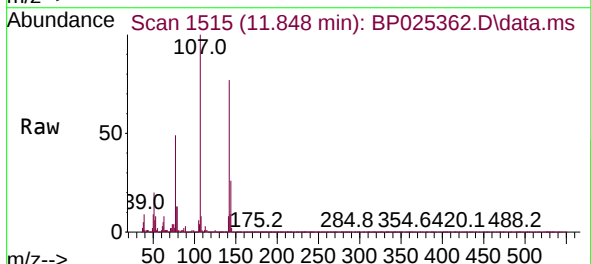
Tgt Ion:113 Resp: 235970
Ion Ratio Lower Upper
113 100
55 157.3 154.4 194.4
56 118.2 110.9 150.9

Manual Integrations
APPROVED

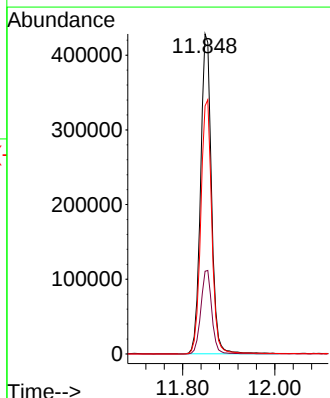
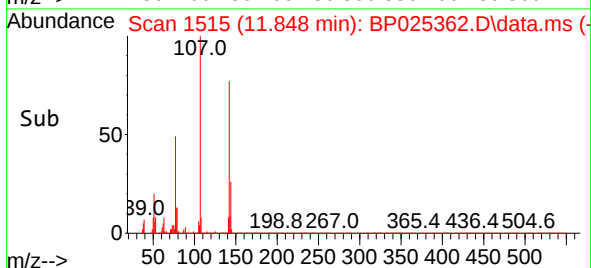
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

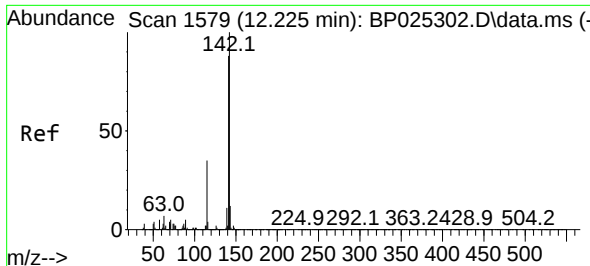


#36
4-Chloro-3-methylphenol
Concen: 47.423 ng
RT: 11.848 min Scan# 1515
Delta R.T. 0.017 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



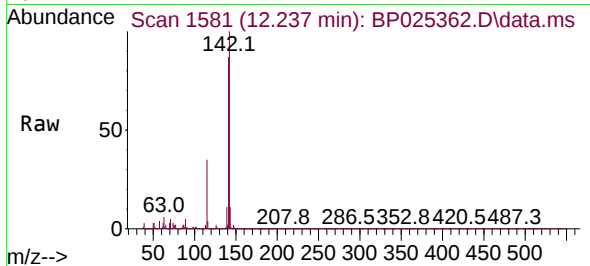
Tgt Ion:107 Resp: 705454
Ion Ratio Lower Upper
107 100
144 25.9 20.4 30.6
142 77.5 63.7 95.5





#37
2-Methylnaphthalene
Concen: 44.155 ng
RT: 12.237 min Scan# 1581
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

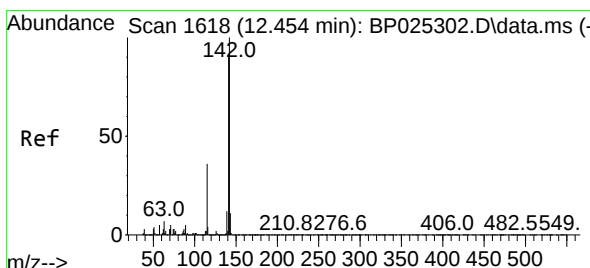
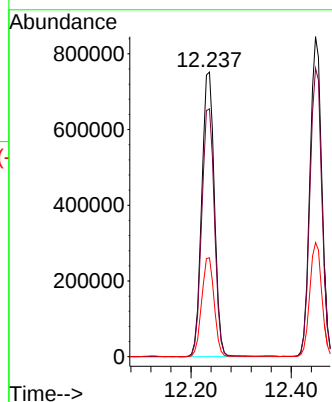
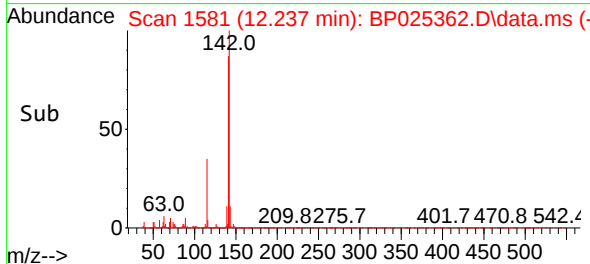
Instrument :
BNA_P
ClientSampleId :
PB169176BS



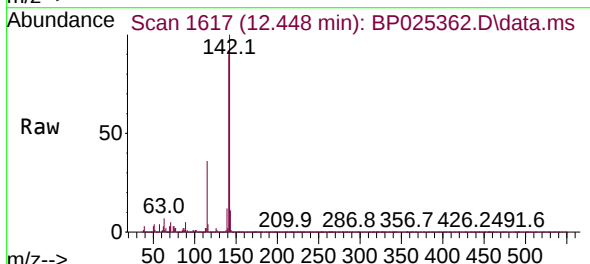
Tgt Ion:142 Resp: 1315220
Ion Ratio Lower Upper
142 100
141 87.1 70.4 105.6
115 34.7 28.0 42.0

Manual Integrations
APPROVED

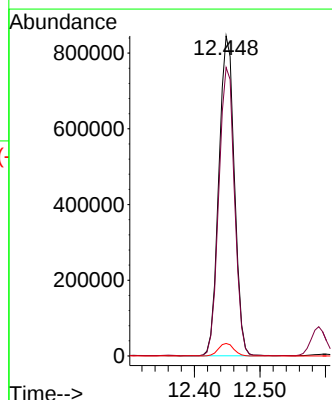
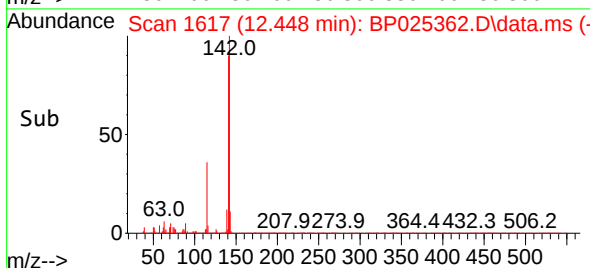
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

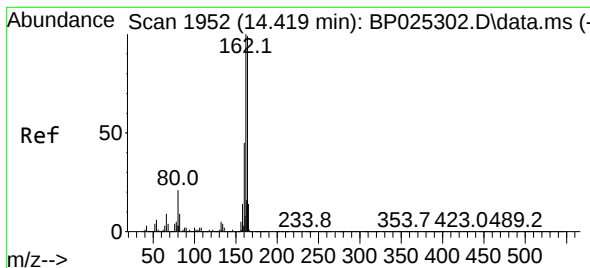


#38
1-Methylnaphthalene
Concen: 44.455 ng
RT: 12.448 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:142 Resp: 1381648
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.6
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.425 min Scan# 1953

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

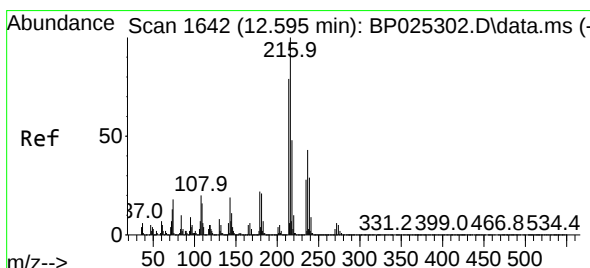
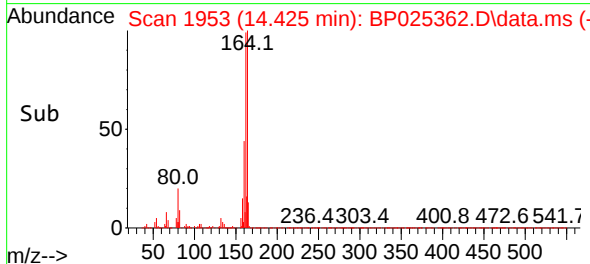
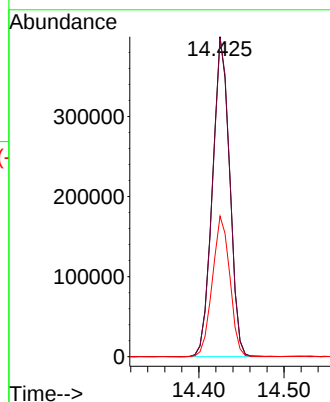
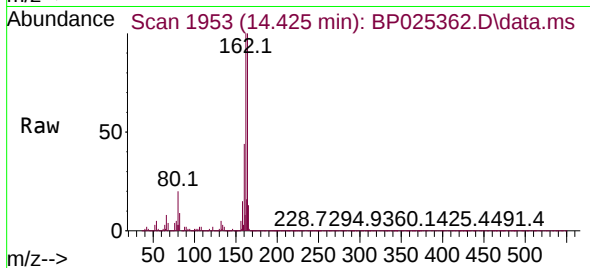
Tgt Ion:	164	Resp:	559934
Ion Ratio	Lower	Upper	
164	100		
162	99.6	80.6	120.8
160	43.9	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.607 ng

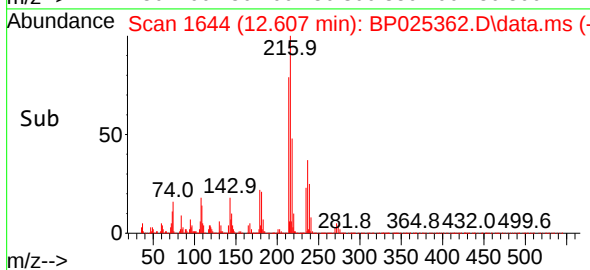
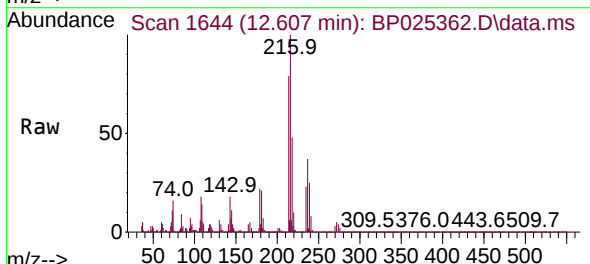
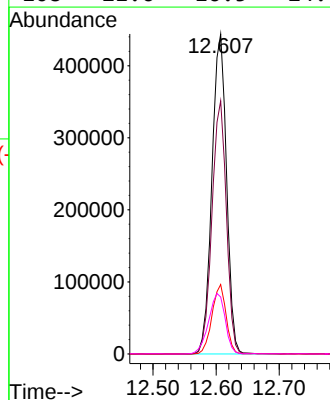
RT: 12.607 min Scan# 1644

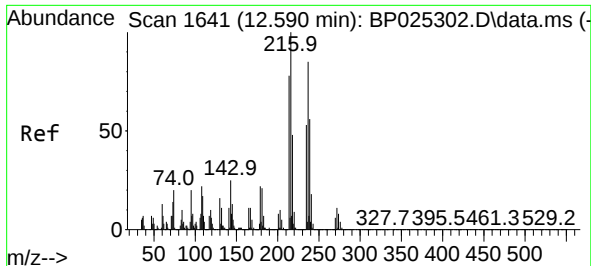
Delta R.T. 0.012 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

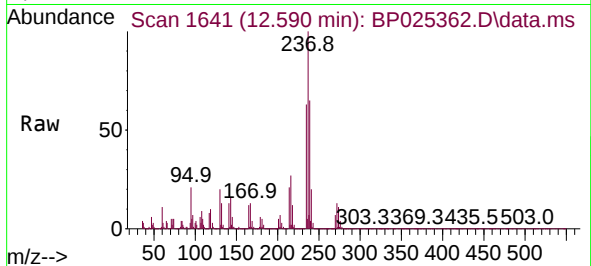
Tgt Ion:	216	Resp:	712479
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.4	93.6
179	21.1	17.5	26.3
108	21.6	16.5	24.7





#41
Hexachlorocyclopentadiene
Concen: 100.155 ng
RT: 12.590 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

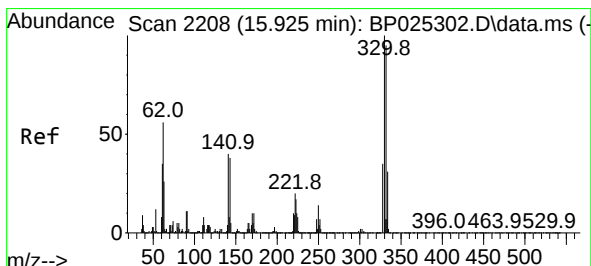
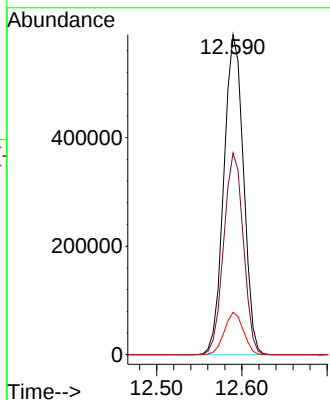
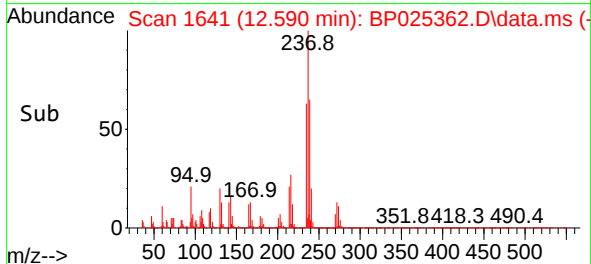
Instrument :
BNA_P
ClientSampleId :
PB169176BS



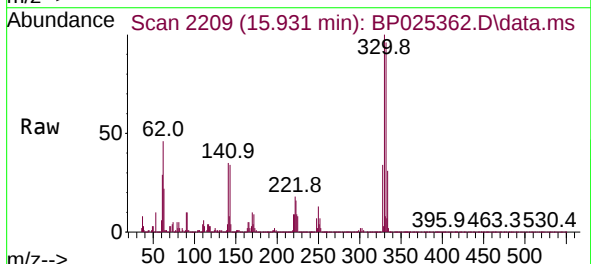
Tgt Ion:237 Resp: 944964
Ion Ratio Lower Upper
237 100
235 63.1 42.2 82.2
272 13.3 0.0 32.8

Manual Integrations
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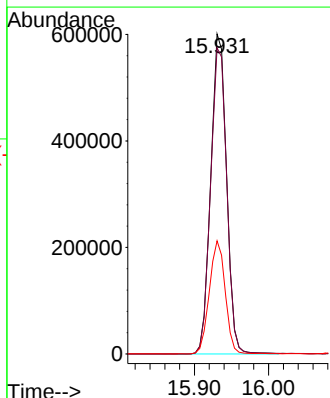
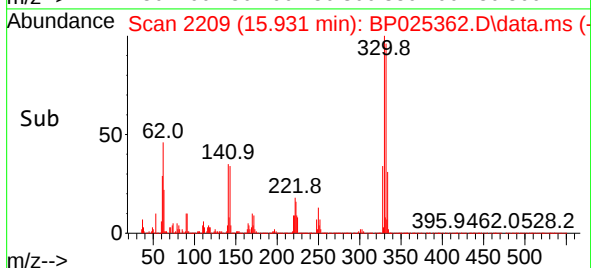
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

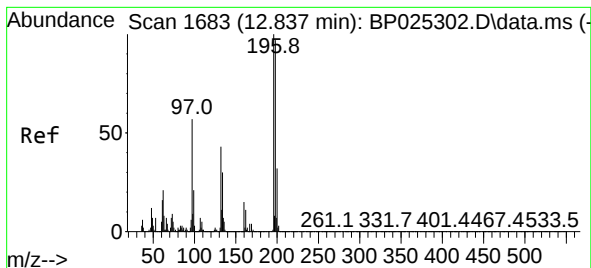


#42
2,4,6-Tribromophenol
Concen: 159.318 ng
RT: 15.931 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:330 Resp: 889948
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 35.4 31.7 47.5





#43

2,4,6-Trichlorophenol

Concen: 51.646 ng

RT: 12.837 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:196 Resp: 510019

Ion Ratio Lower Upper

196 100

198 96.8 77.3 115.9

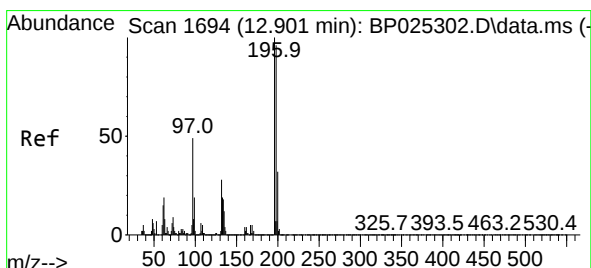
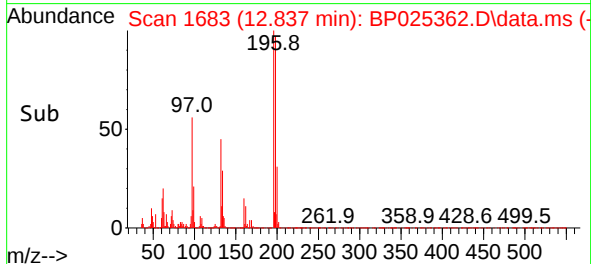
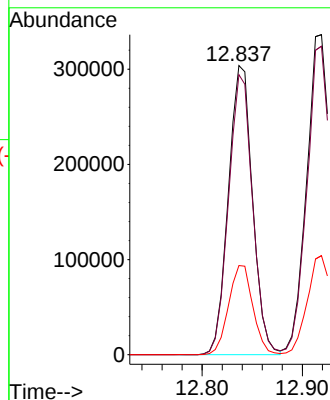
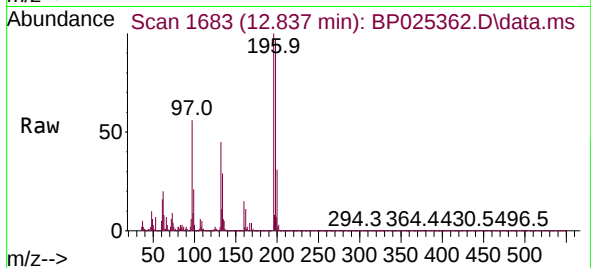
200 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#44

2,4,5-Trichlorophenol

Concen: 51.035 ng

RT: 12.919 min Scan# 1697

Delta R.T. 0.018 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Tgt Ion:196 Resp: 565361

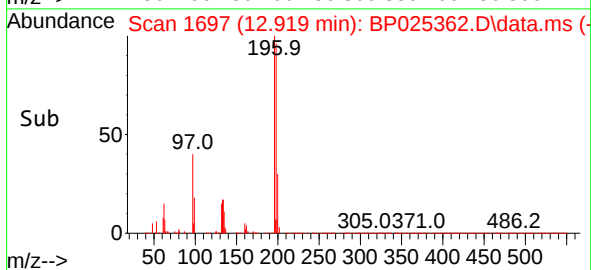
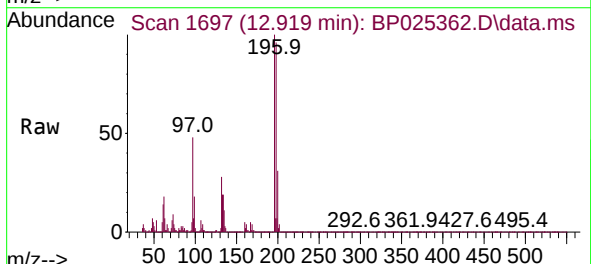
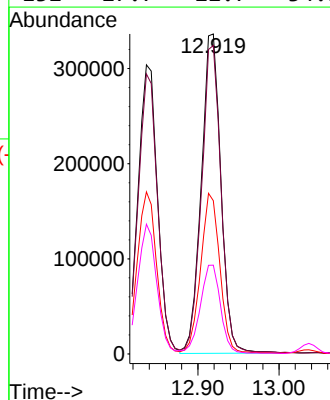
Ion Ratio Lower Upper

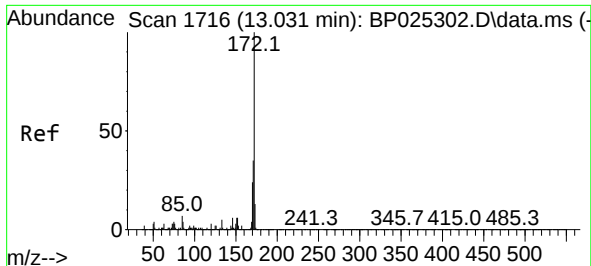
196 100

198 96.4 76.6 114.8

97 47.9 39.5 59.3

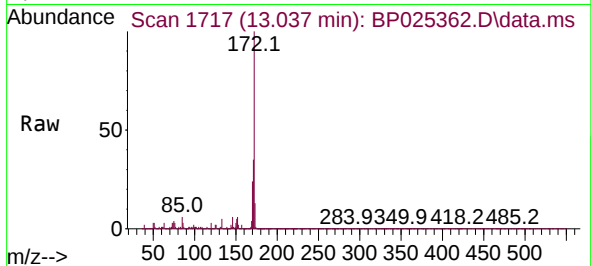
132 27.7 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 76.969 ng
RT: 13.037 min Scan# 1716
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

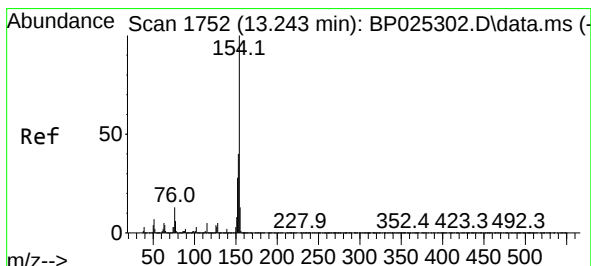
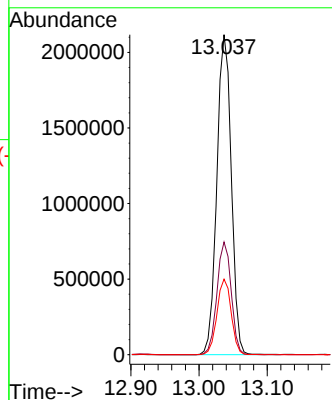
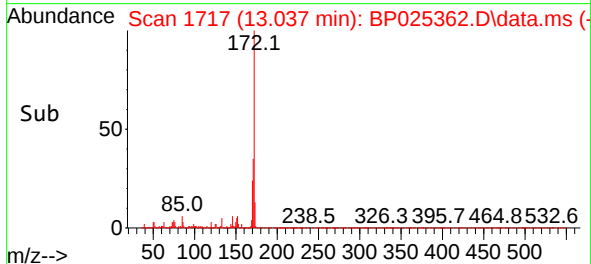
Instrument :
BNA_P
ClientSampleId :
PB169176BS



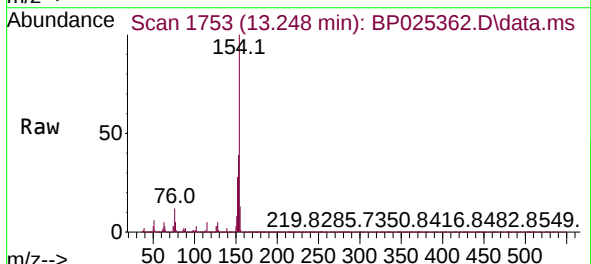
Tgt Ion:172 Resp: 3120279
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.6 18.9 28.3

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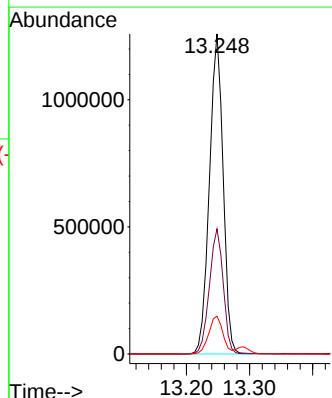
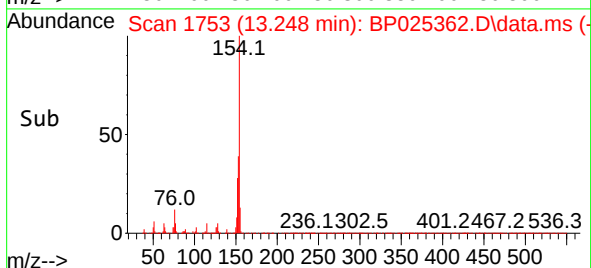
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

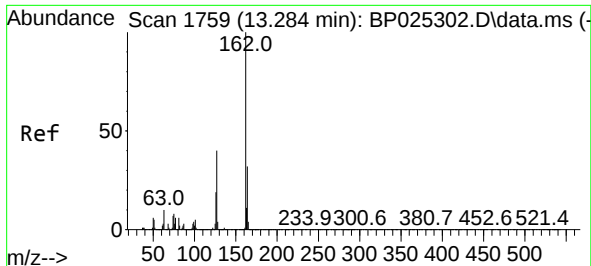


#46
1,1'-Biphenyl
Concen: 45.928 ng
RT: 13.248 min Scan# 1753
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



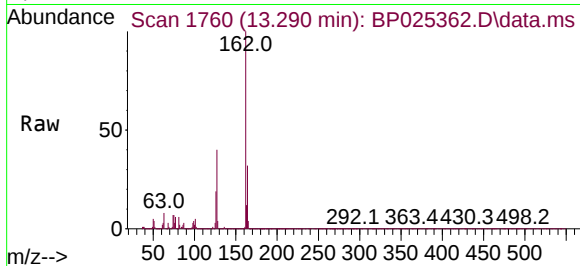
Tgt Ion:154 Resp: 1895189
Ion Ratio Lower Upper
154 100
153 39.1 19.9 59.9
76 11.8 0.0 33.2





#47
2-Chloronaphthalene
Concen: 45.280 ng
RT: 13.290 min Scan# 1760
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

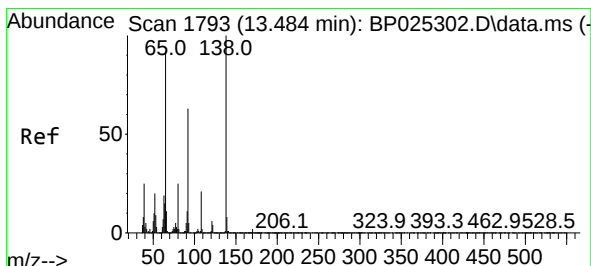
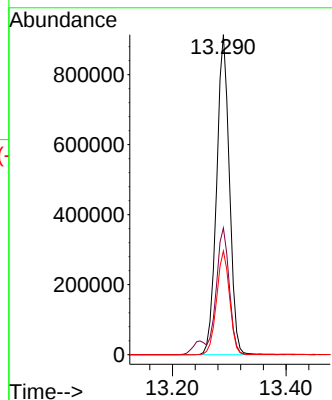
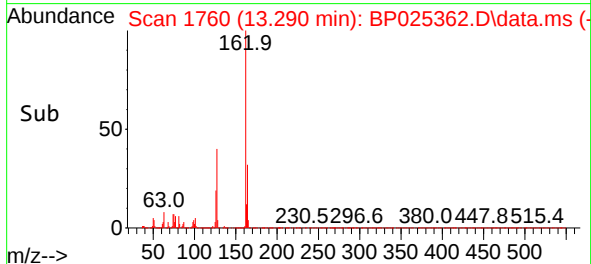
Instrument :
BNA_P
ClientSampleId :
PB169176BS



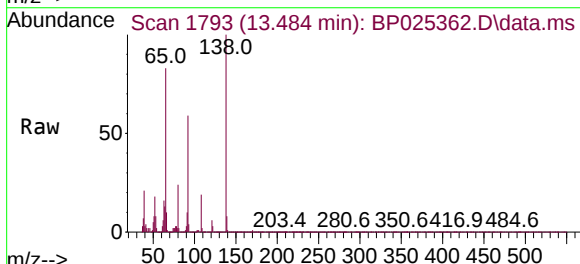
Tgt Ion:162 Resp: 1425474
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.4 25.9 38.9

Manual Integrations
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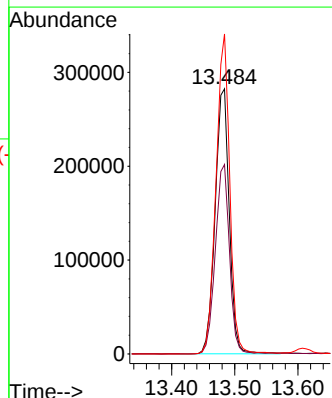
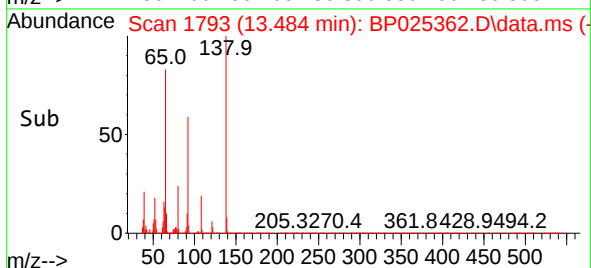
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

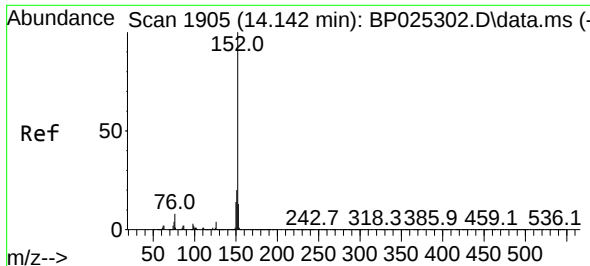


#48
2-Nitroaniline
Concen: 47.666 ng
RT: 13.484 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion: 65 Resp: 439377
Ion Ratio Lower Upper
65 100
92 71.4 54.4 81.6
138 120.7 87.0 130.4





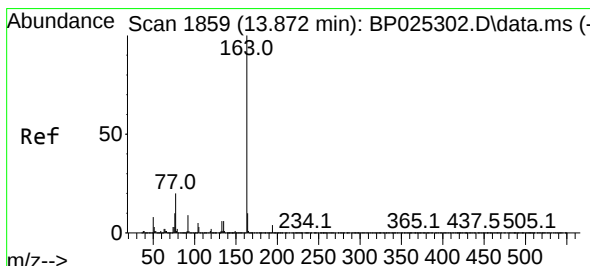
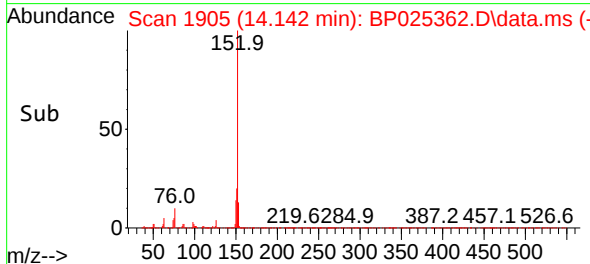
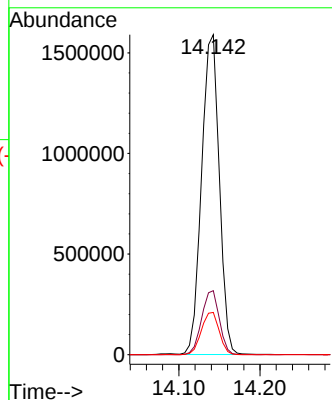
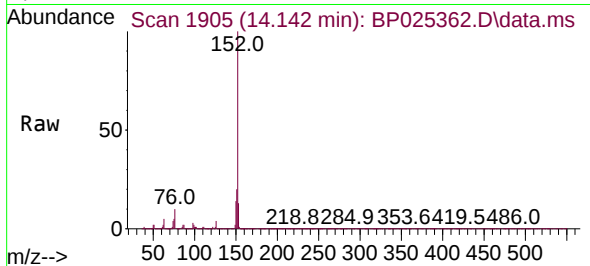
#49
Acenaphthylene
Concen: 45.800 ng
RT: 14.142 min Scan# 1905
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Tgt Ion:152 Resp: 2405072
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.6
153 13.2 10.4 15.6

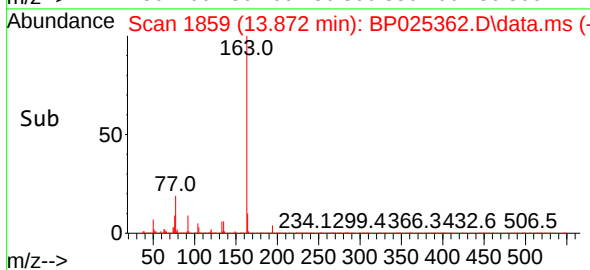
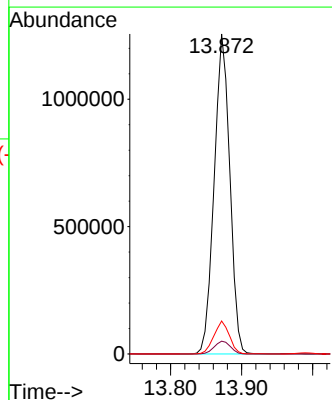
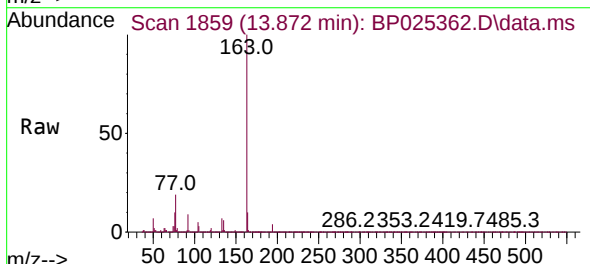
Manual Integrations
APPROVED

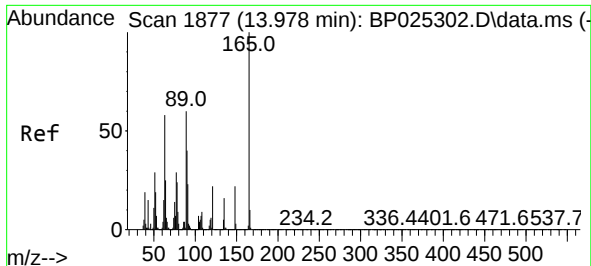
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#50
Dimethylphthalate
Concen: 46.921 ng
RT: 13.872 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:163 Resp: 1915246
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.0 12.0





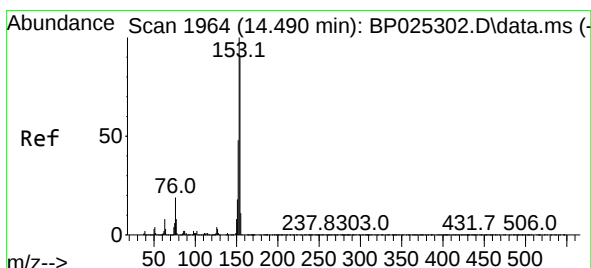
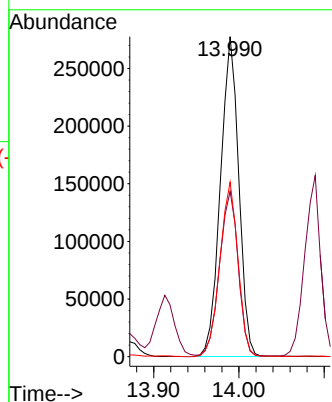
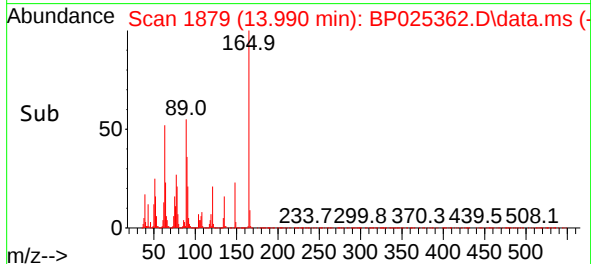
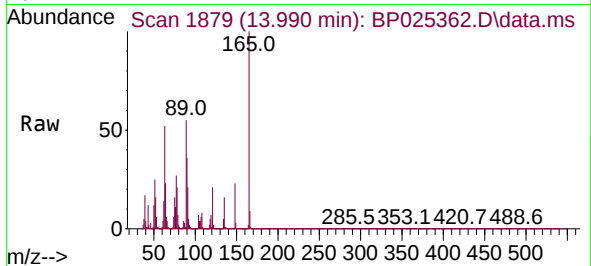
#51
2,6-Dinitrotoluene
Concen: 54.988 ng
RT: 13.990 min Scan# 1879
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Tgt Ion:165 Resp: 414015
Ion Ratio Lower Upper
165 100
63 51.7 47.6 71.4
89 54.6 47.8 71.8

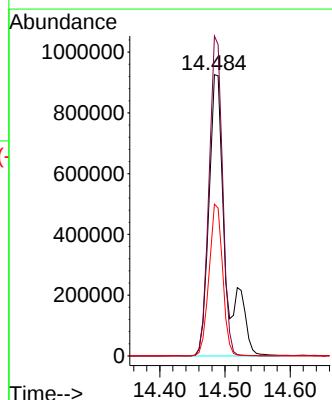
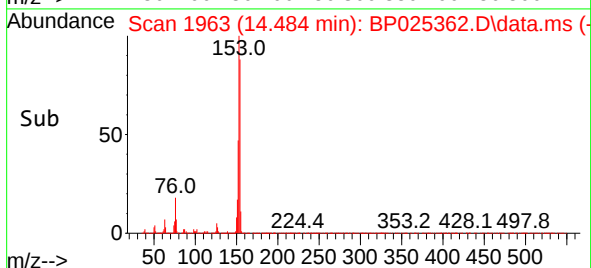
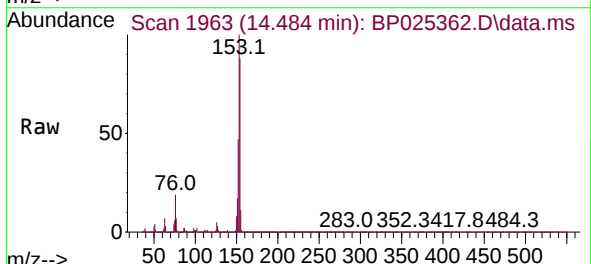
Manual Integrations
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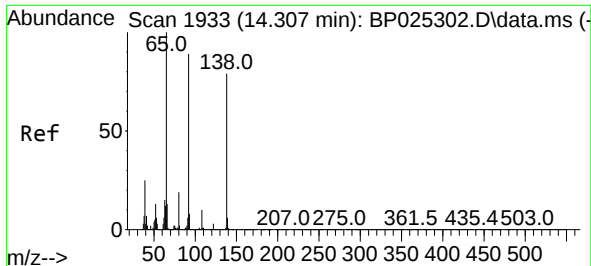
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#52
Acenaphthene
Concen: 52.039 ng m
RT: 14.484 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

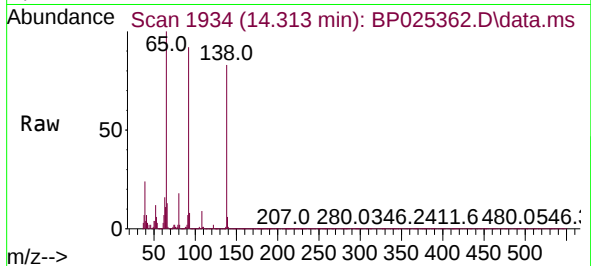
Tgt Ion:154 Resp: 1666870
Ion Ratio Lower Upper
154 100
153 113.7 89.4 134.0
152 54.0 43.0 64.6





#53
3-Nitroaniline
Concen: 38.541 ng
RT: 14.313 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

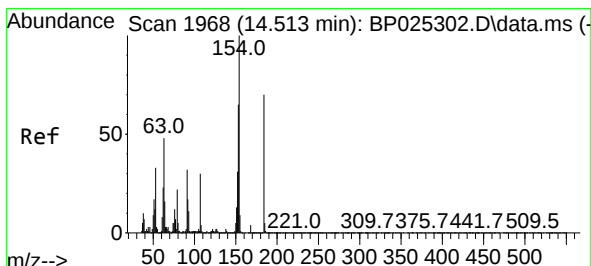
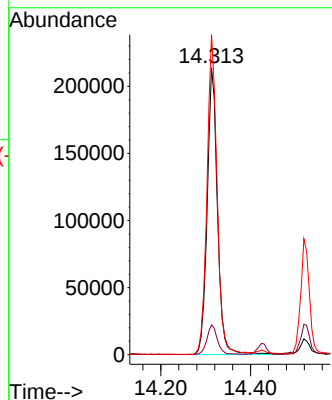
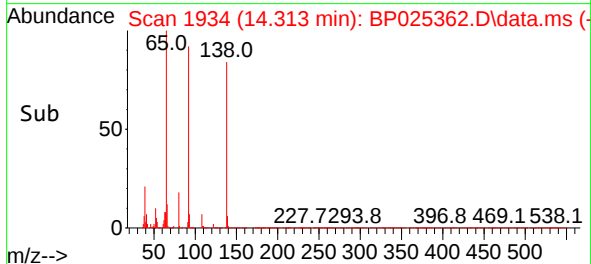
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:138 Resp: 339554
Ion Ratio Lower Upper
138 100
108 10.4 10.5 15.7
92 111.5 90.9 136.3

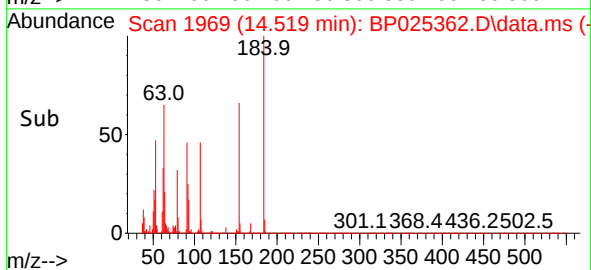
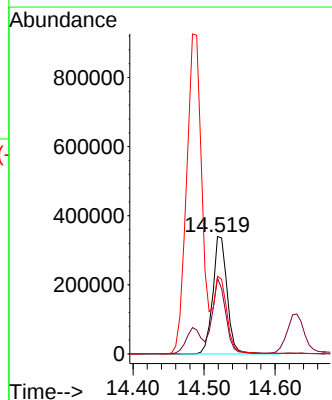
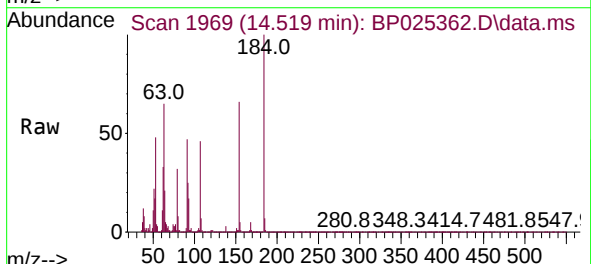
Manual Integrations
APPROVED

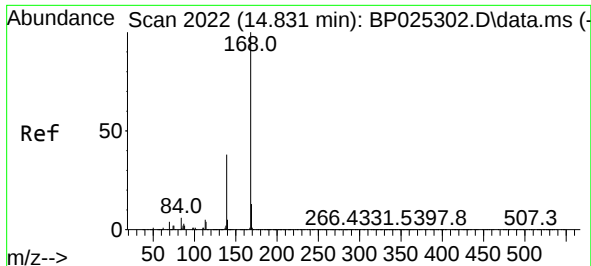
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#54
2,4-Dinitrophenol
Concen: 99.036 ng
RT: 14.519 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

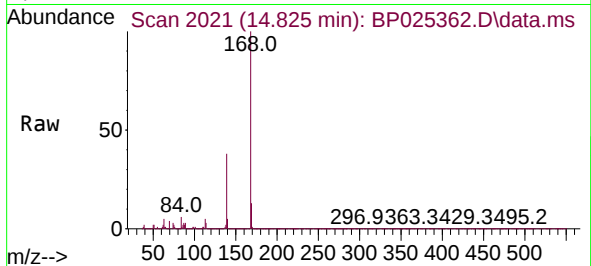
Tgt Ion:184 Resp: 477041
Ion Ratio Lower Upper
184 100
63 64.7 56.3 84.5
154 66.2 124.5 186.7#





#55
Dibenzenofuran
Concen: 45.876 ng
RT: 14.825 min Scan# 20
Delta R.T. -0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

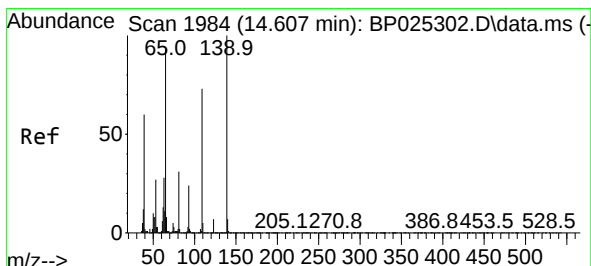
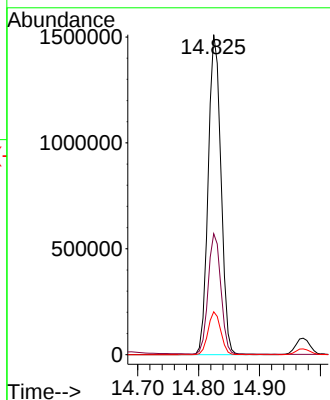
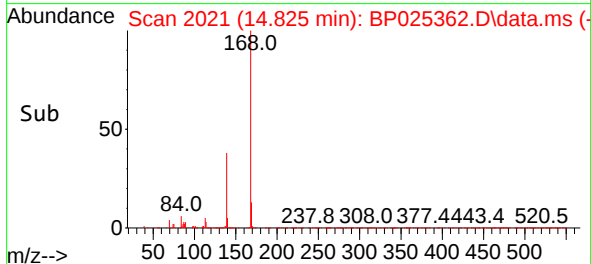
Instrument :
BNA_P
ClientSampleId :
PB169176BS



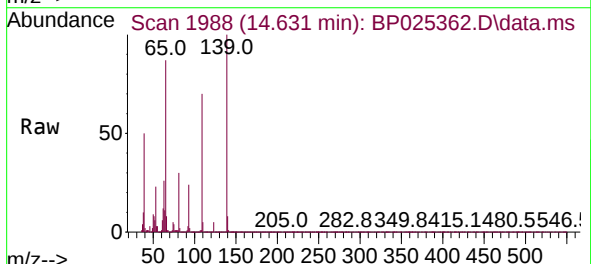
Tgt Ion:168 Resp: 219590
Ion Ratio Lower Upper
168 100
139 37.8 30.5 45.7
169 13.4 10.6 15.8

Manual Integrations
APPROVED

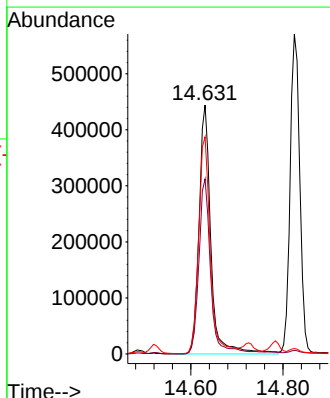
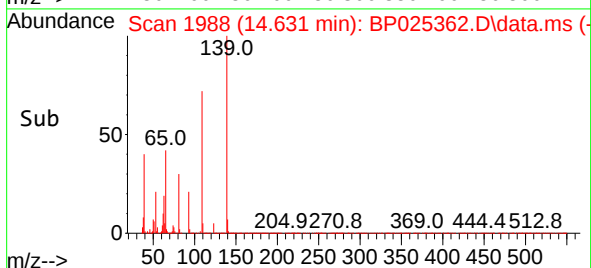
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

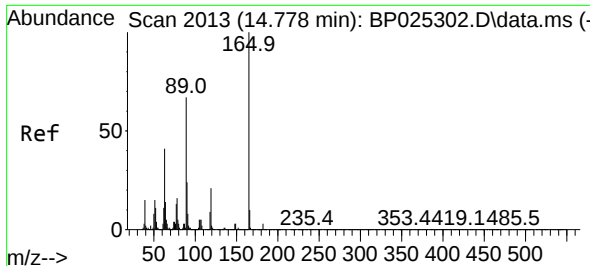


#56
4-Nitrophenol
Concen: 102.178 ng
RT: 14.631 min Scan# 1988
Delta R.T. 0.024 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



Tgt Ion:139 Resp: 794482
Ion Ratio Lower Upper
139 100
109 70.3 52.7 92.7
65 87.2 73.4 113.4





#57
2,4-Dinitrotoluene
Concen: 50.560 ng
RT: 14.784 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

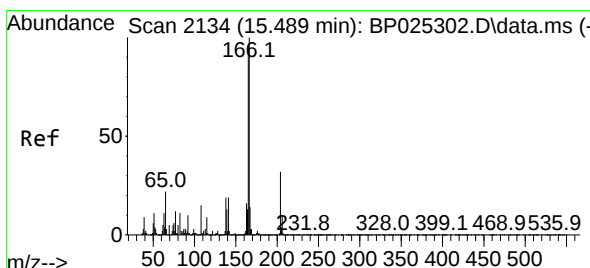
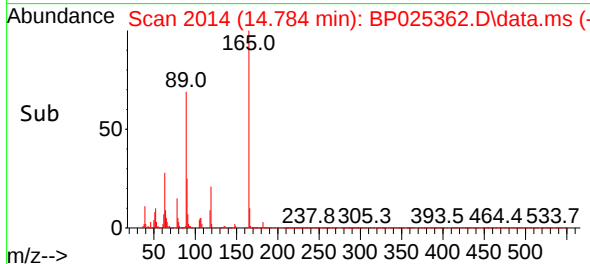
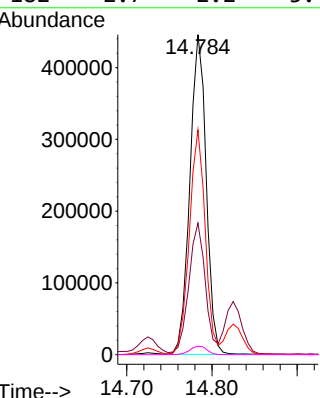
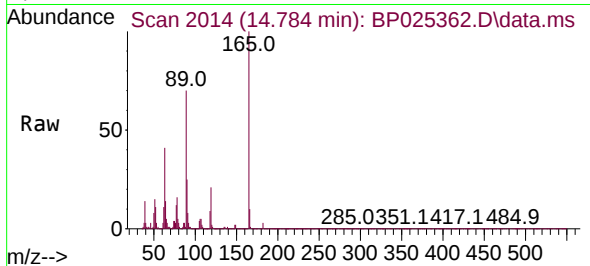
ClientSampleId :

PB169176BS

Tgt Ion:165 Resp: 592279
Ion Ratio Lower Upper
165 100
63 41.1 33.2 49.8
89 70.3 53.5 80.3
182 2.7 2.2 3.4

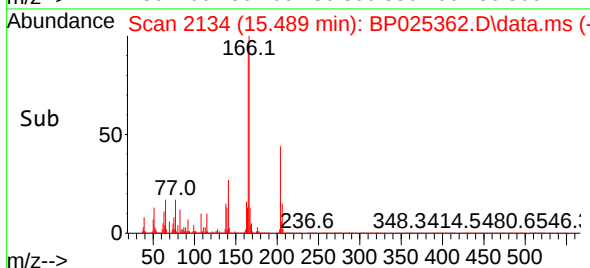
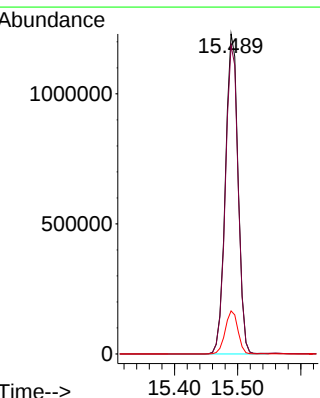
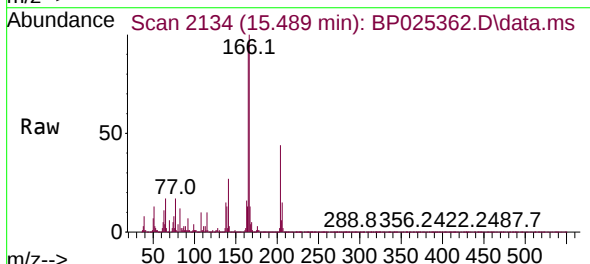
Manual Integrations
APPROVED

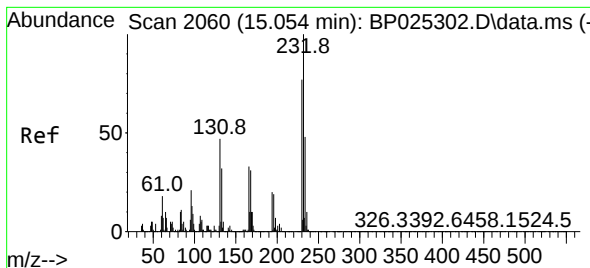
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#58
Fluorene
Concen: 45.578 ng
RT: 15.489 min Scan# 2134
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

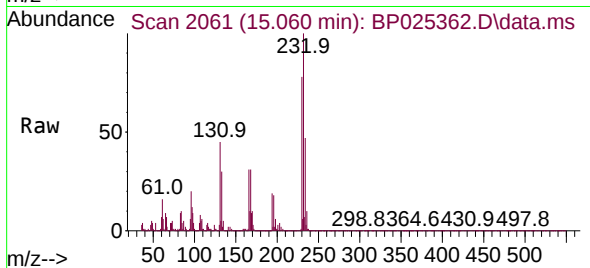
Tgt Ion:166 Resp: 1713488
Ion Ratio Lower Upper
166 100
165 96.4 76.7 115.1
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.498 ng
RT: 15.060 min Scan# 2061
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

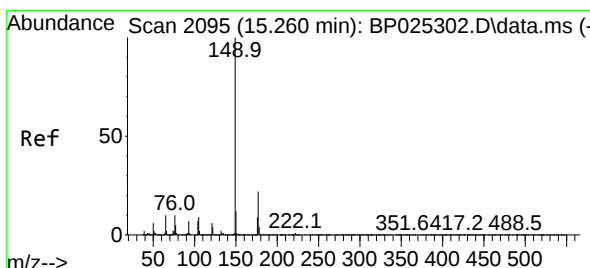
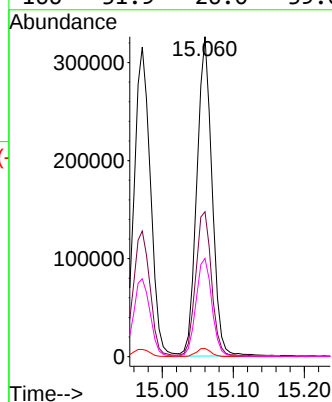
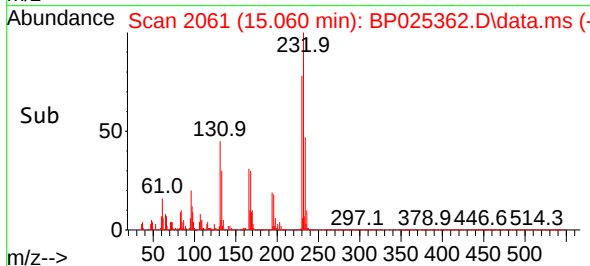
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:232 Resp: 48580
Ion Ratio Lower Upper
232 100
131 47.3 39.3 58.9
130 2.5 2.2 3.2
166 31.9 26.0 39.0

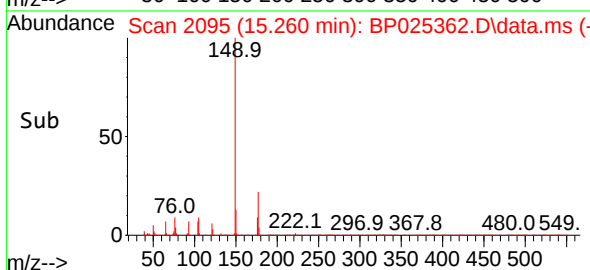
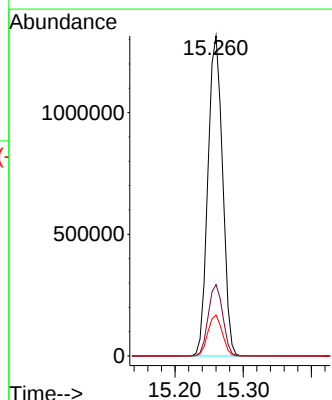
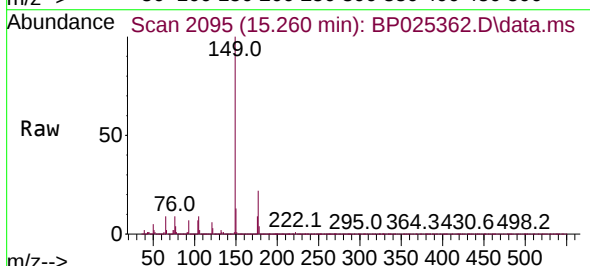
Manual Integrations
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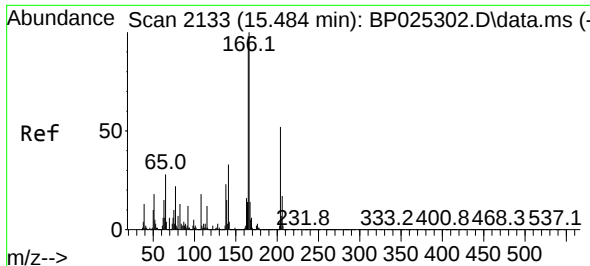
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#60
Diethylphthalate
Concen: 47.748 ng
RT: 15.260 min Scan# 2095
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

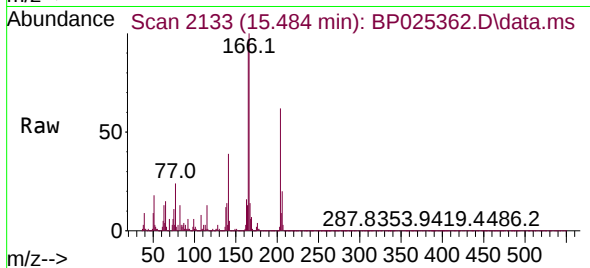
Tgt Ion:149 Resp: 1964959
Ion Ratio Lower Upper
149 100
177 22.3 17.4 26.2
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 46.981 ng
RT: 15.484 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

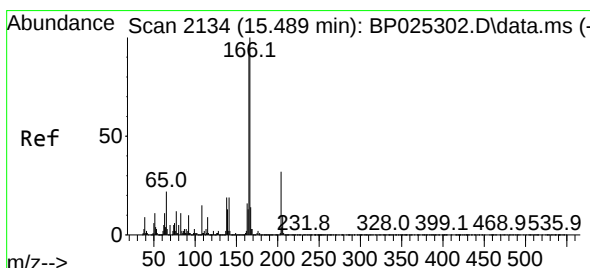
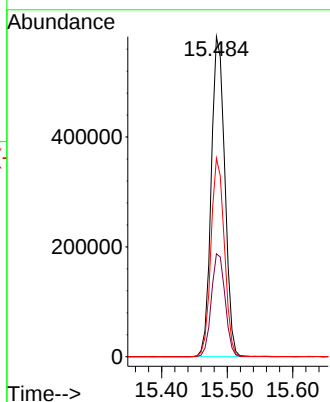
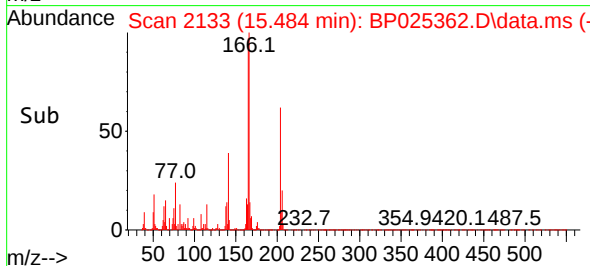
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:204 Resp: 837330
Ion Ratio Lower Upper
204 100
206 32.2 27.0 40.4
141 62.1 50.3 75.5

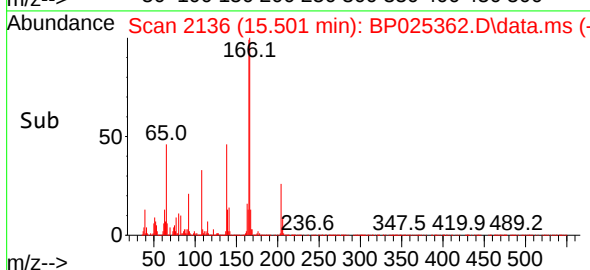
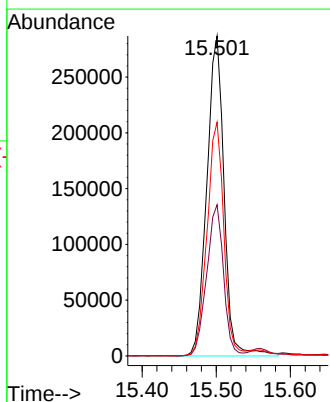
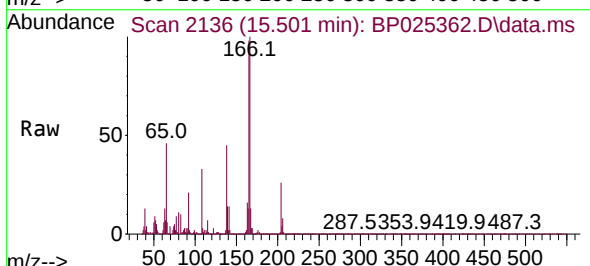
Manual Integrations
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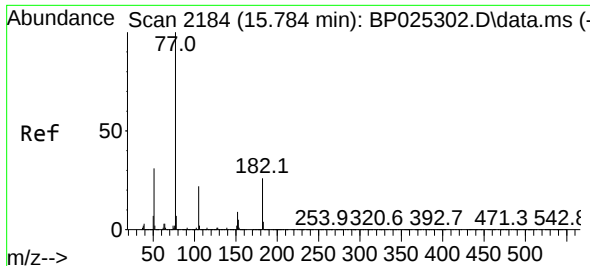
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#62
4-Nitroaniline
Concen: 53.009 ng
RT: 15.501 min Scan# 2136
Delta R.T. 0.012 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

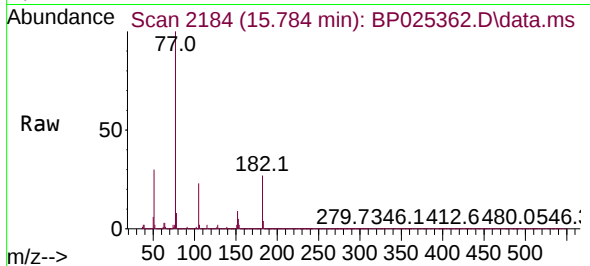
Tgt Ion:138 Resp: 462742
Ion Ratio Lower Upper
138 100
92 47.3 29.8 69.8
108 73.1 56.6 96.6





#63
Azobenzene
Concen: 44.490 ng
RT: 15.784 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

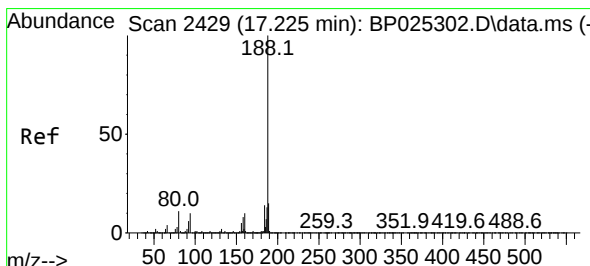
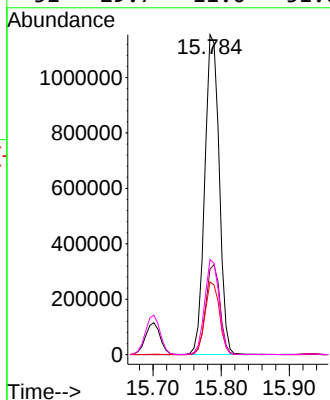
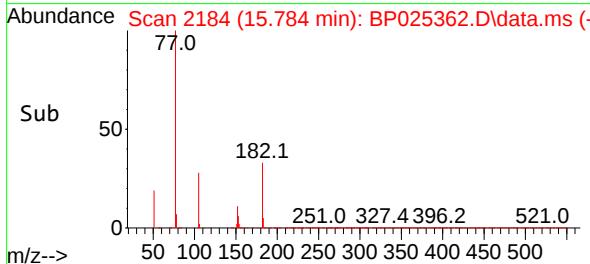
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion: 77 Resp: 1700864
Ion Ratio Lower Upper
77 100
182 26.8 6.0 46.0
105 22.8 2.1 42.1
51 29.7 11.0 51.0

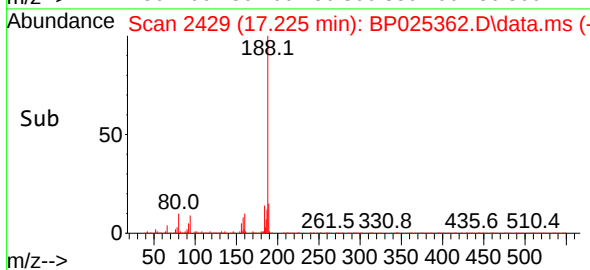
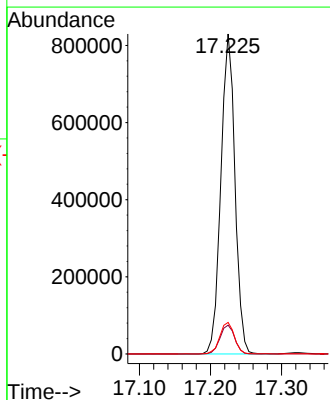
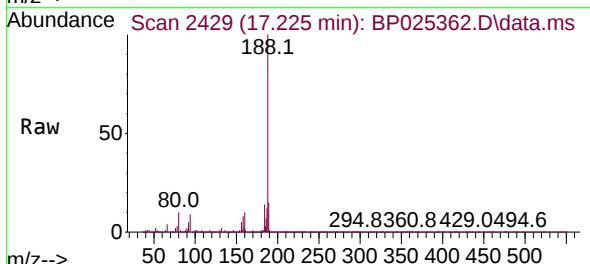
Manual Integrations
APPROVED

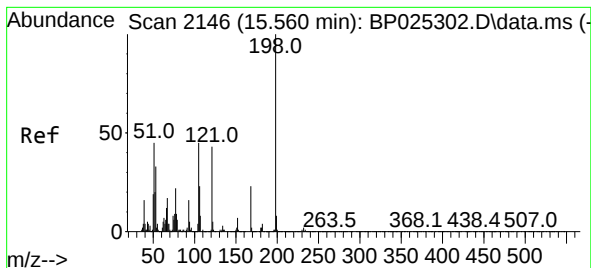
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.225 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

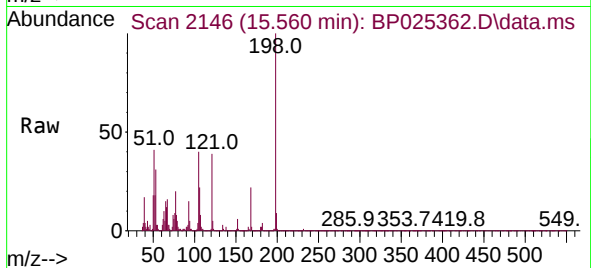
Tgt Ion:188 Resp: 1136515
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 9.9 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 60.351 ng
RT: 15.560 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

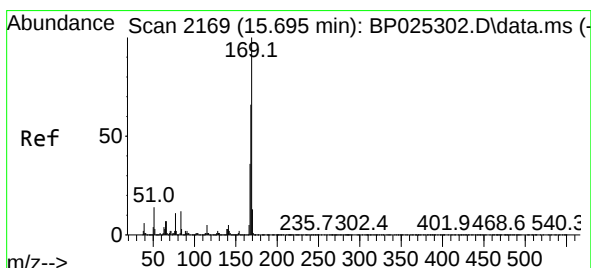
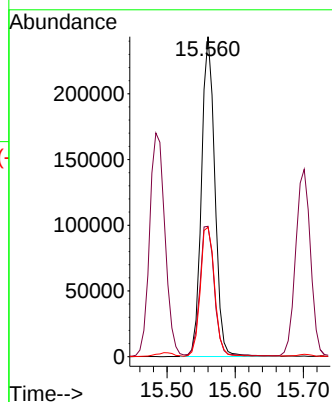
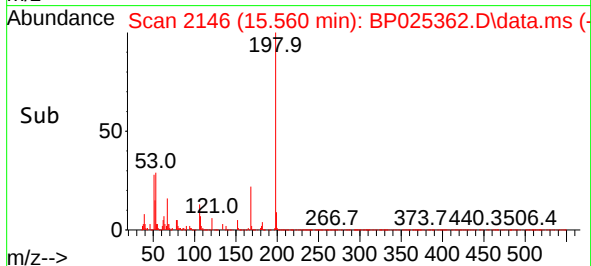
Instrument :
BNA_P
ClientSampleId :
PB169176BS



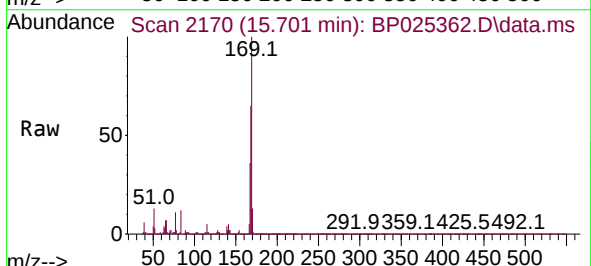
Tgt Ion:198 Resp: 332908
Ion Ratio Lower Upper
198 100
51 40.7 26.7 66.7
105 40.4 25.6 65.6

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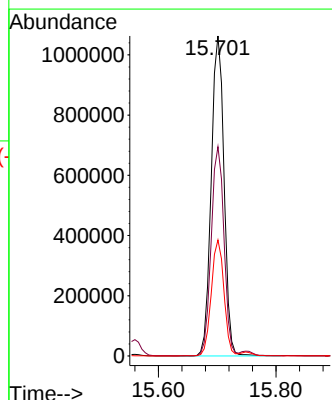
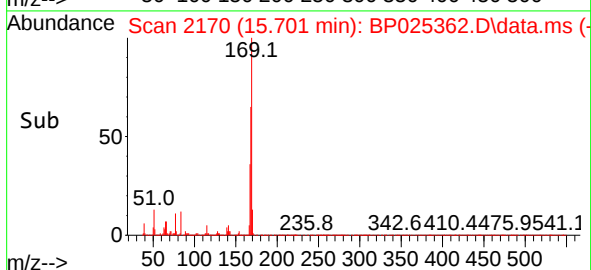
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025

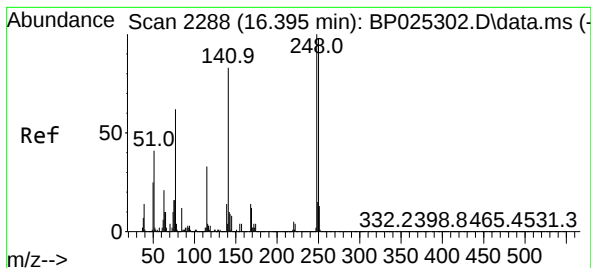


#66
n-Nitrosodiphenylamine
Concen: 46.461 ng
RT: 15.701 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30



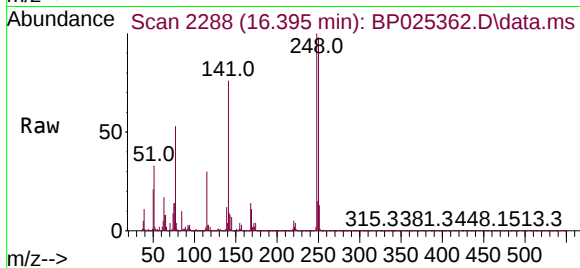
Tgt Ion:169 Resp: 1607766
Ion Ratio Lower Upper
169 100
168 65.4 52.8 79.2
167 36.2 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 48.125 ng
RT: 16.395 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

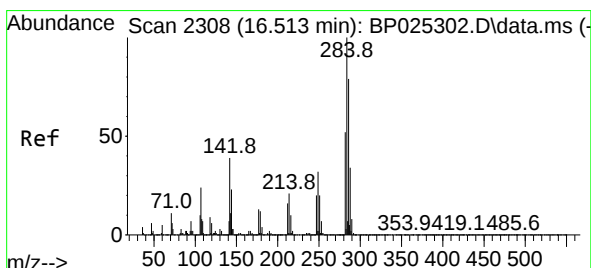
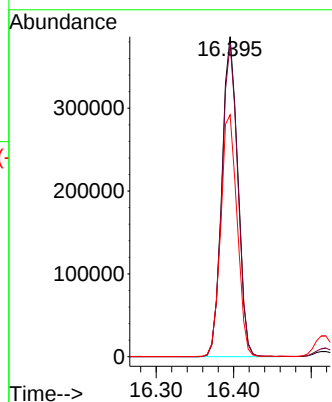
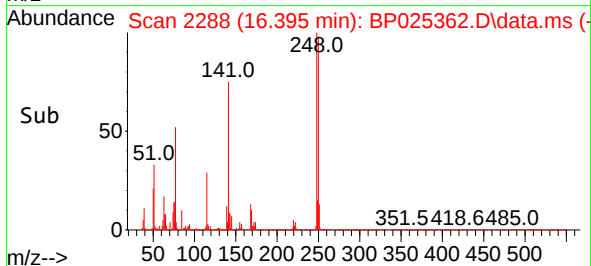
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:248 Resp: 55032
Ion Ratio Lower Upper
248 100
250 97.8 78.6 117.8
141 75.6 66.6 99.8

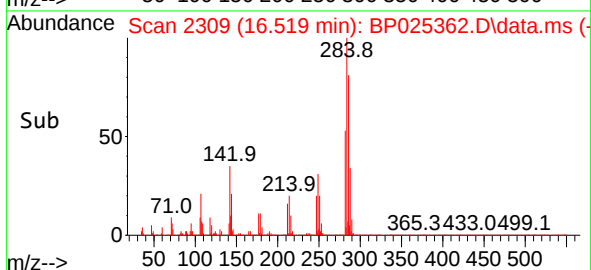
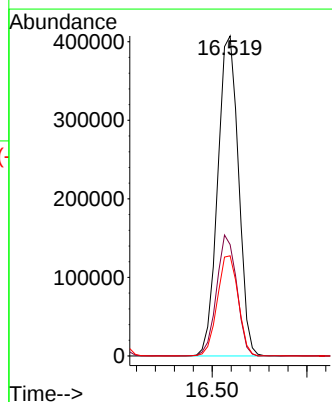
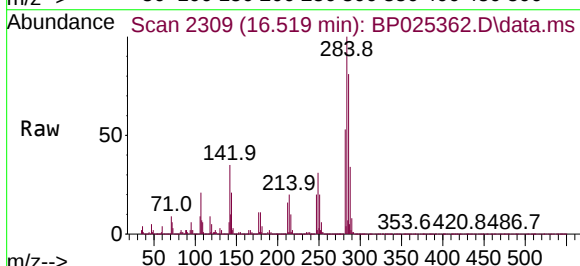
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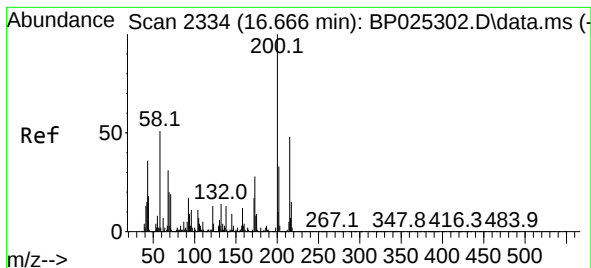
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#68
Hexachlorobenzene
Concen: 48.382 ng
RT: 16.519 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:284 Resp: 620802
Ion Ratio Lower Upper
284 100
142 34.8 30.8 46.2
249 31.3 25.4 38.0





#69

Atrazine

Concen: 49.832 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:200 Resp: 60643

Ion Ratio Lower Upper

200 100

173 26.9 8.2 48.2

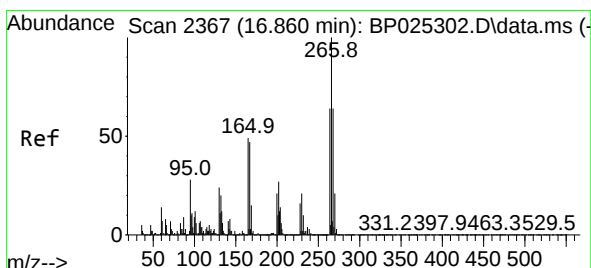
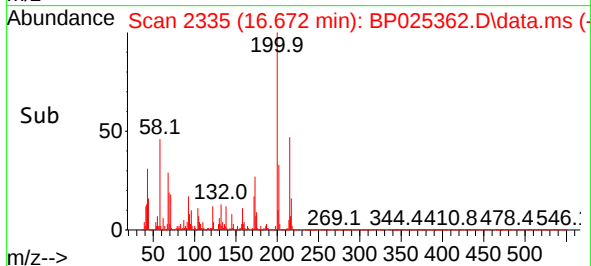
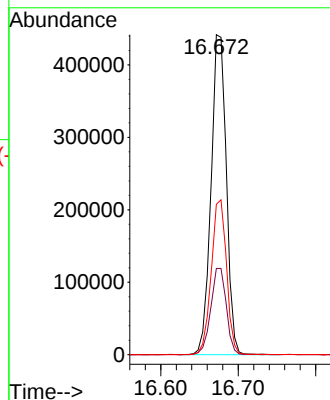
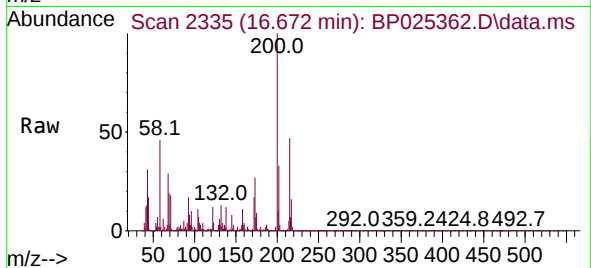
215 47.0 28.1 68.1

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#70

Pentachlorophenol

Concen: 106.481 ng

RT: 16.866 min Scan# 2368

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

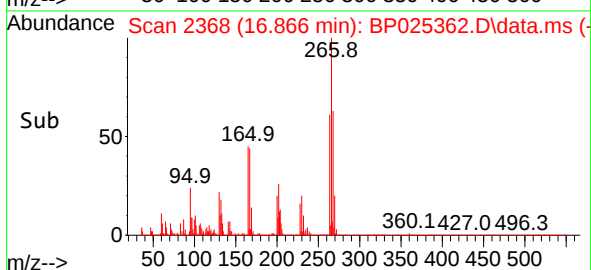
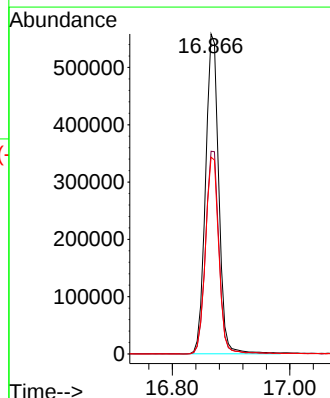
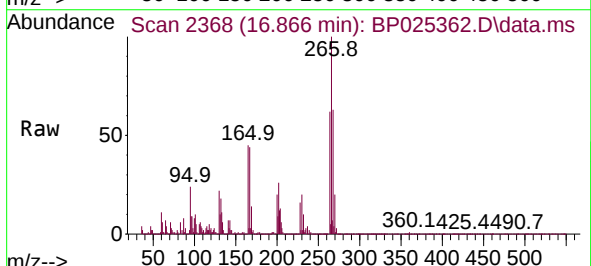
Tgt Ion:266 Resp: 870458

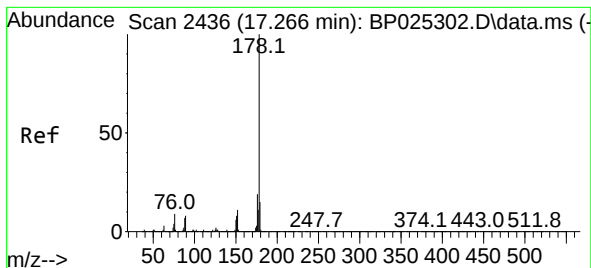
Ion Ratio Lower Upper

266 100

268 63.4 51.4 77.0

264 61.5 51.1 76.7





#71

Phenanthrene

Concen: 46.406 ng

RT: 17.266 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:178 Resp: 288869

Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

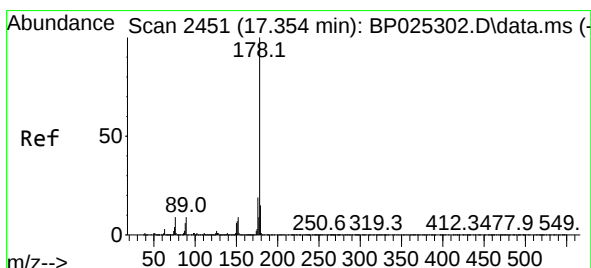
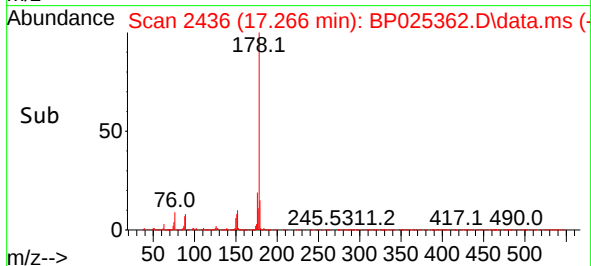
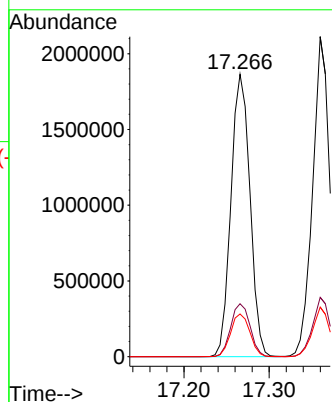
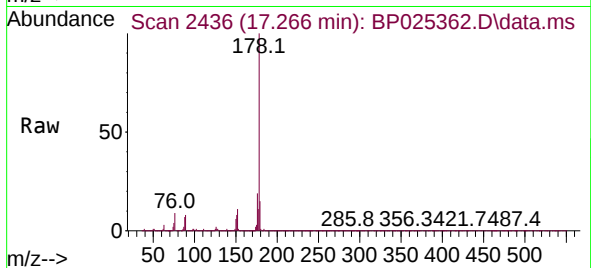
179 15.2 12.1 18.1

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#72

Anthracene

Concen: 47.128 ng

RT: 17.360 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

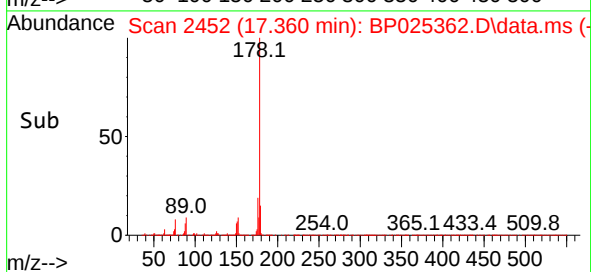
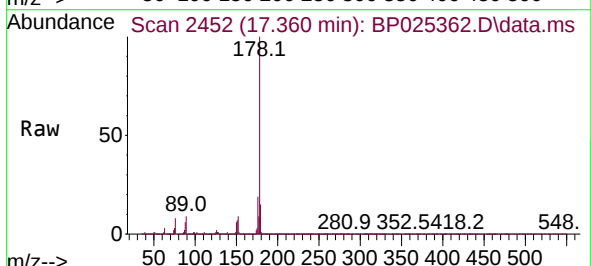
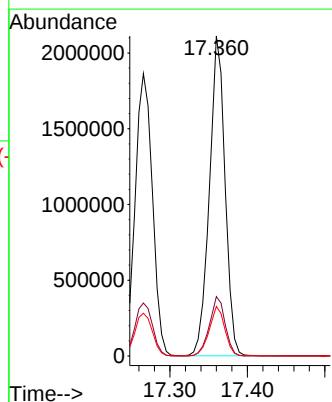
Tgt Ion:178 Resp: 2957986

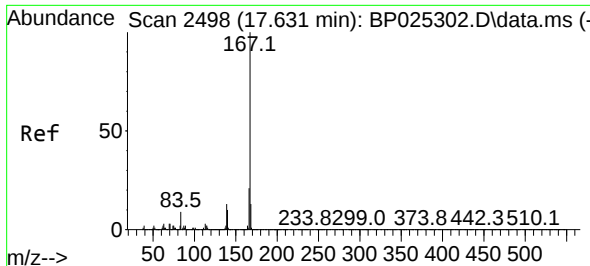
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

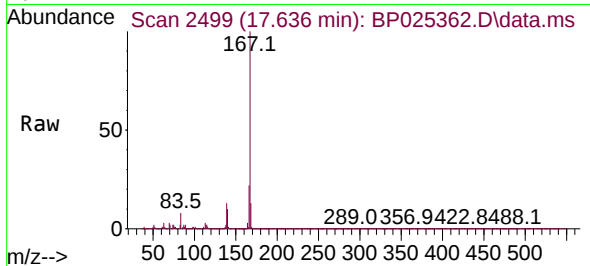
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 47.102 ng
 RT: 17.636 min Scan# 2498
 Delta R.T. 0.005 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30

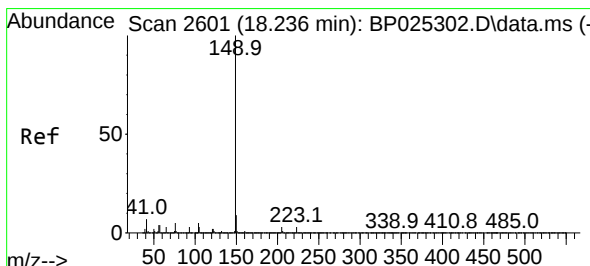
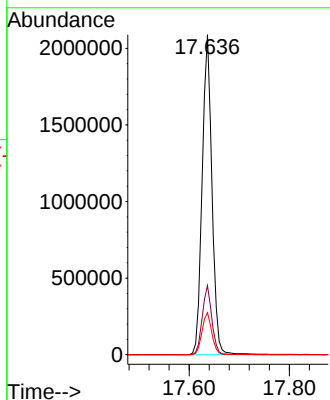
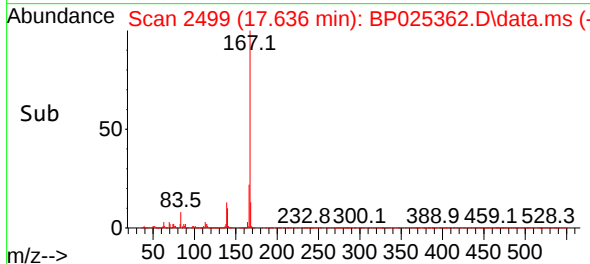
Instrument :
 BNA_P
 ClientSampleId :
 PB169176BS



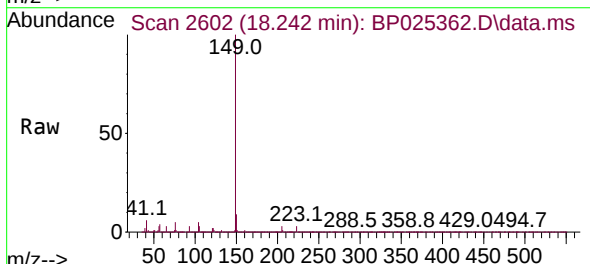
Tgt Ion:167 Resp: 2837889
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.6 16.0

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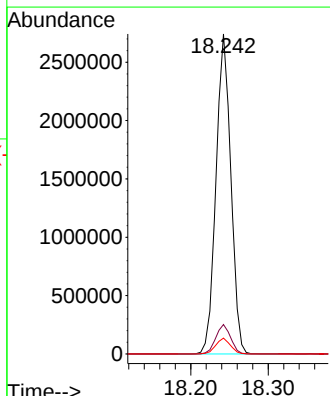
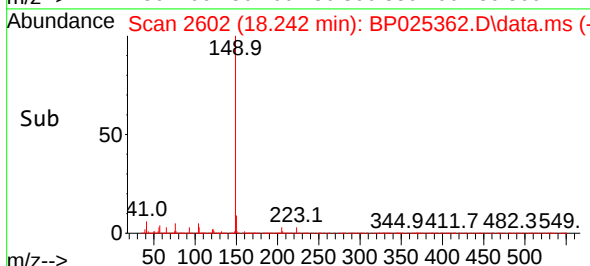
Reviewed By :Rahul Chavli 08/13/2025
 Supervised By :Jagrut Upadhyay 08/13/2025

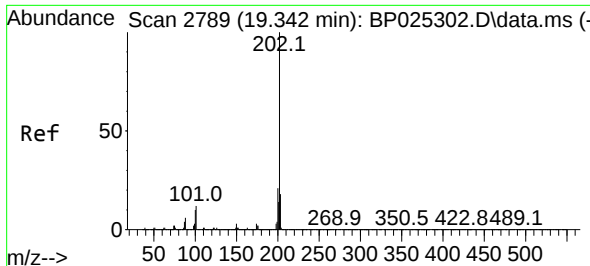


#74
 Di-n-butylphthalate
 Concen: 50.000 ng
 RT: 18.242 min Scan# 2602
 Delta R.T. 0.006 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30



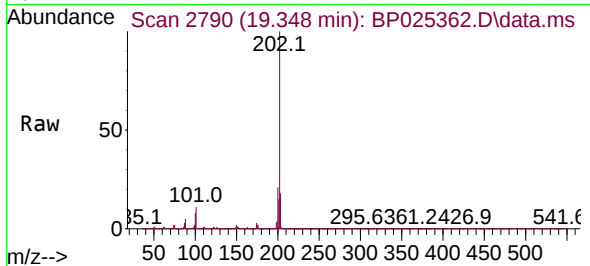
Tgt Ion:149 Resp: 3644409
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 47.339 ng
RT: 19.348 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

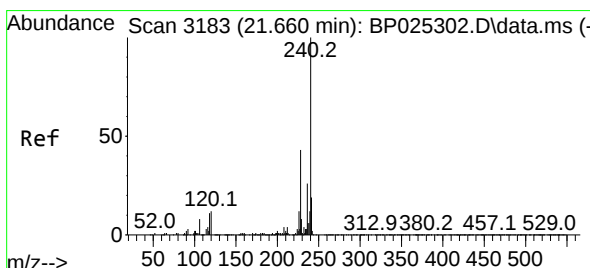
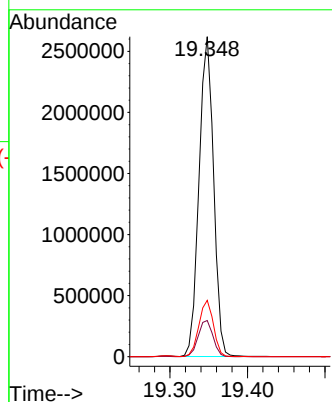
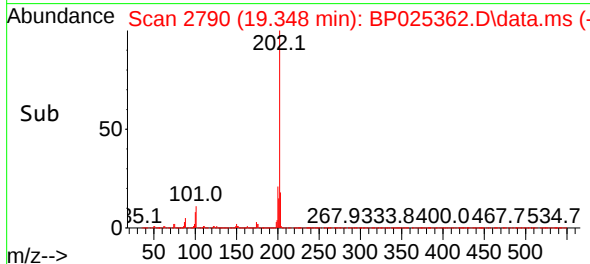
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:202 Resp: 3411260
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.5
203 17.6 0.0 37.6

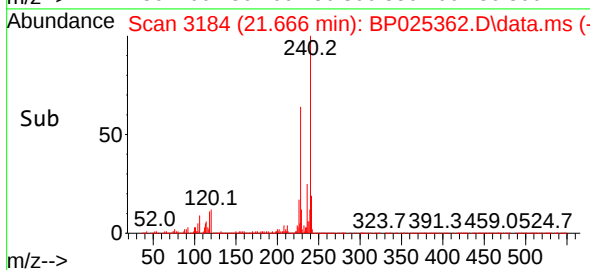
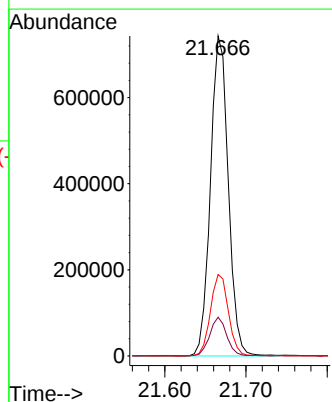
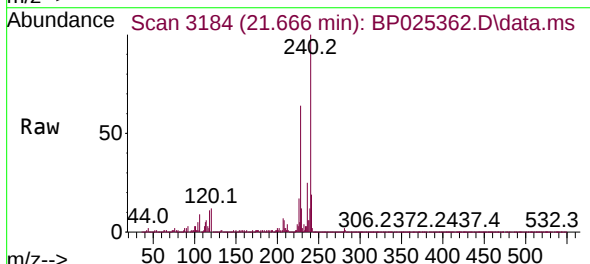
Manual Integrations
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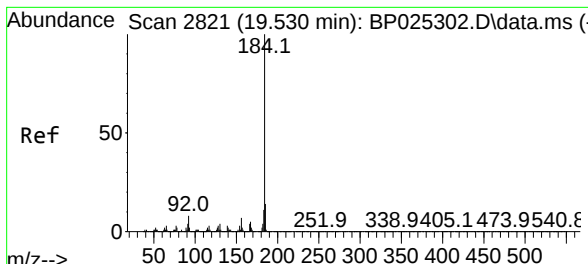
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.666 min Scan# 3184
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:240 Resp: 1132010
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 25.5 20.4 30.6





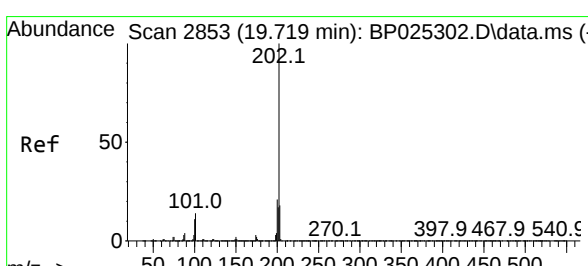
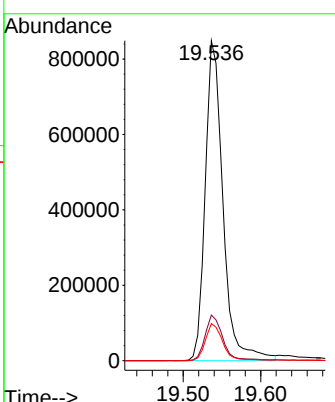
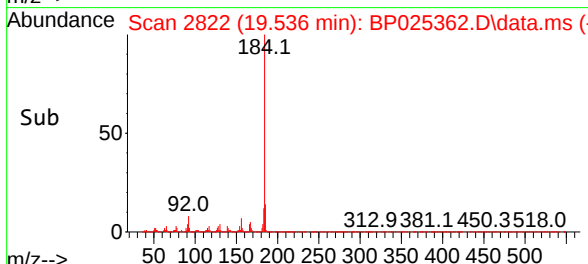
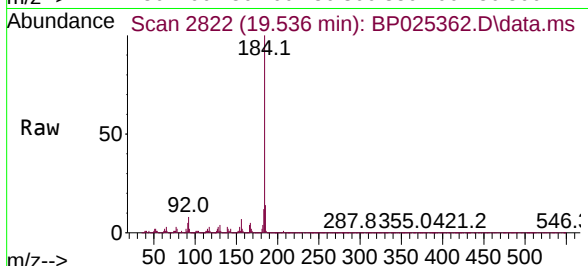
#77
Benzidine
Concen: 32.947 ng
RT: 19.536 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument : BNA_P
ClientSampleId : PB169176BS

Tgt Ion:184 Resp: 134993

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.0	16.6
183	11.6	9.2	13.8

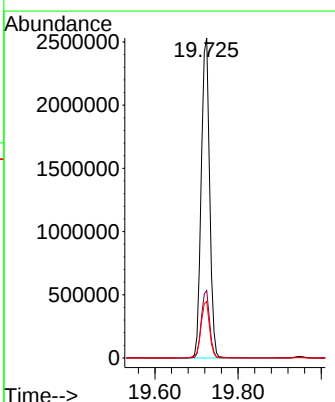
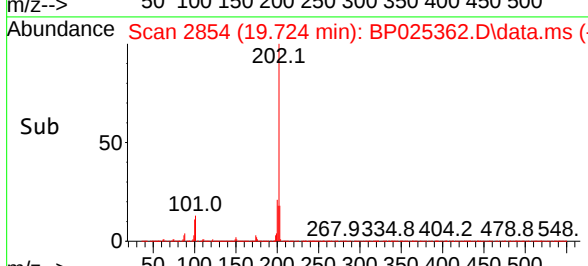
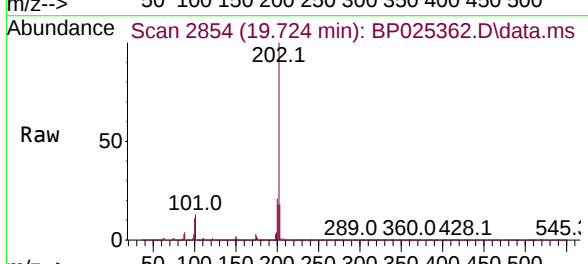
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Supervised By :Jagrut Upadhyay 08/13/2025

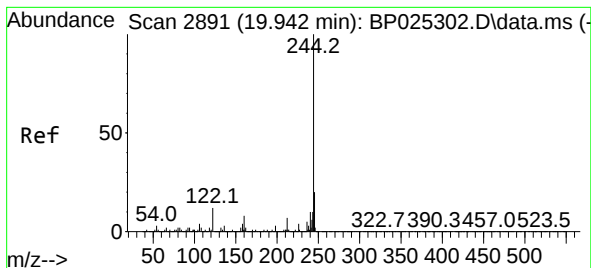


#78
Pyrene
Concen: 47.087 ng
RT: 19.724 min Scan# 2854
Delta R.T. 0.005 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:202 Resp: 3544570

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.1	21.1





#79

Terphenyl-d14

Concen: 84.953 ng

RT: 19.948 min Scan# 2891

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:244 Resp: 5091486

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

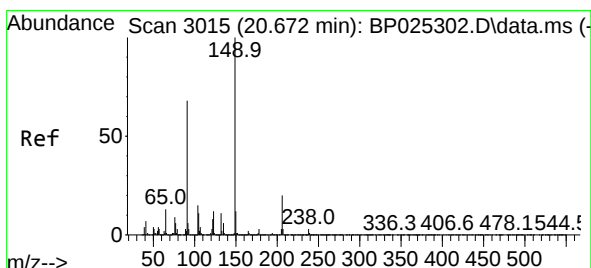
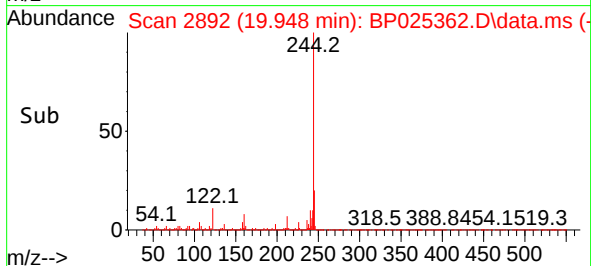
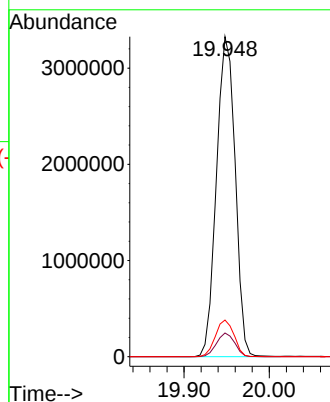
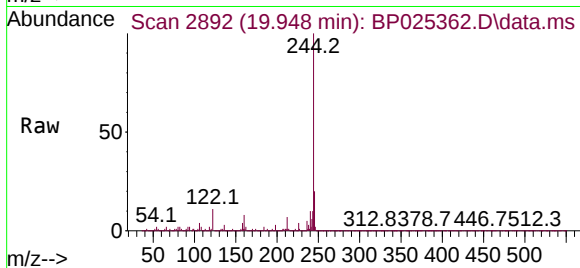
122 11.5 9.5 14.3

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#80

Butylbenzylphthalate

Concen: 55.799 ng

RT: 20.677 min Scan# 3016

Delta R.T. 0.005 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

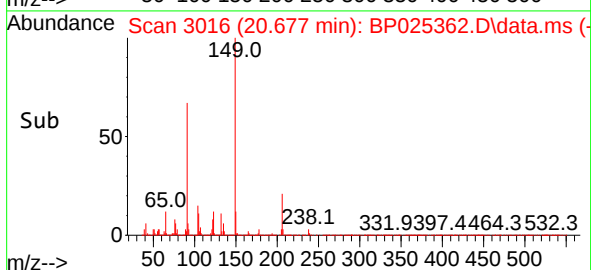
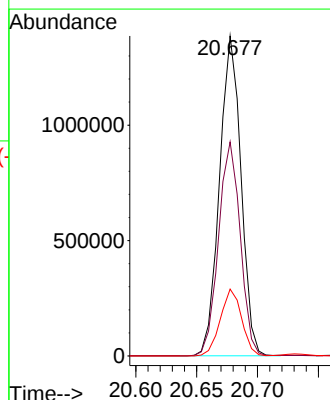
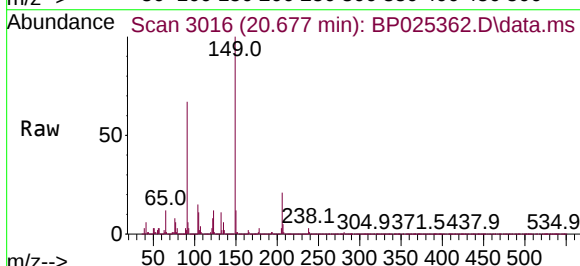
Tgt Ion:149 Resp: 1703505

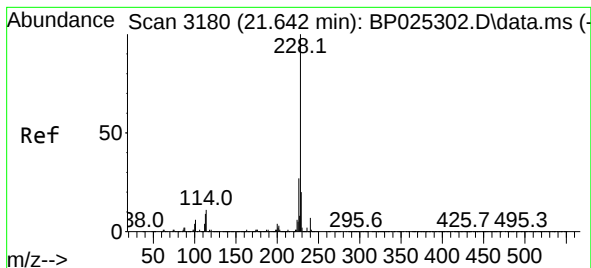
Ion Ratio Lower Upper

149 100

91 66.9 54.7 82.1

206 20.9 16.4 24.6





#81

Benzo(a)anthracene

Concen: 46.366 ng

RT: 21.648 min Scan# 3180

Delta R.T. 0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:228 Resp: 348786

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

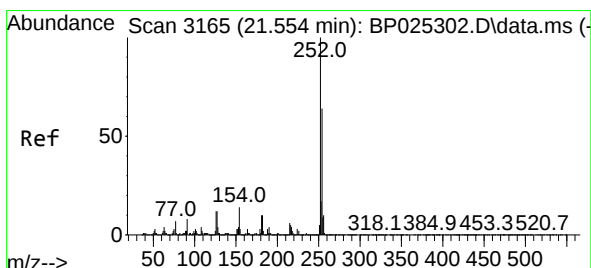
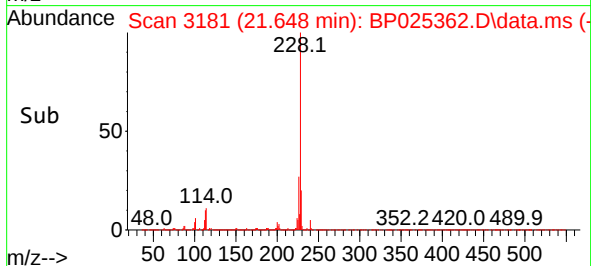
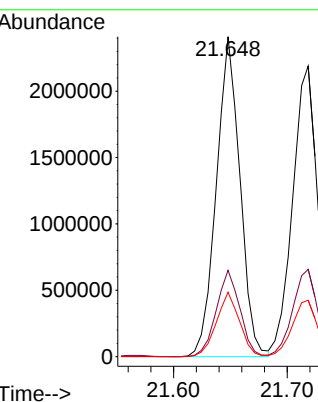
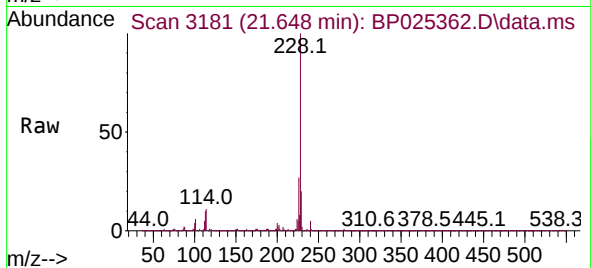
229 20.2 16.0 24.0

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#82

3,3'-Dichlorobenzidine

Concen: 37.274 ng

RT: 21.566 min Scan# 3167

Delta R.T. 0.012 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

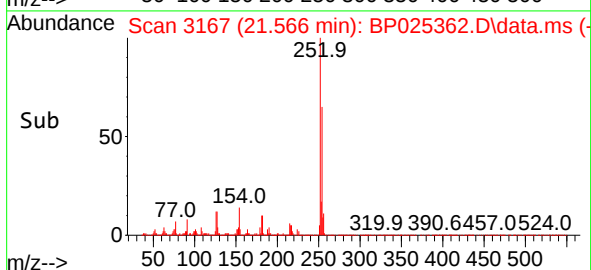
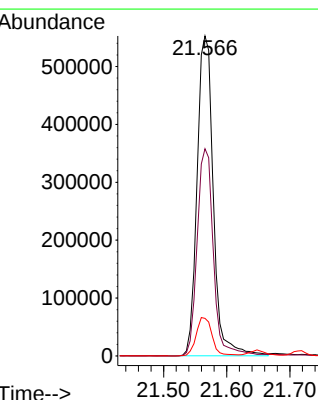
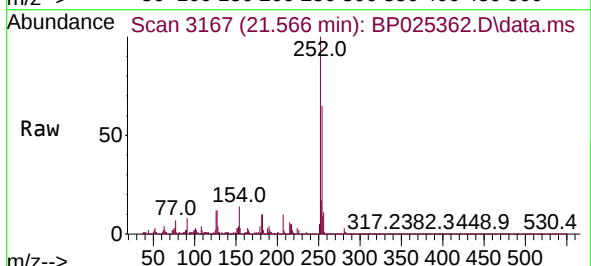
Tgt Ion:252 Resp: 989290

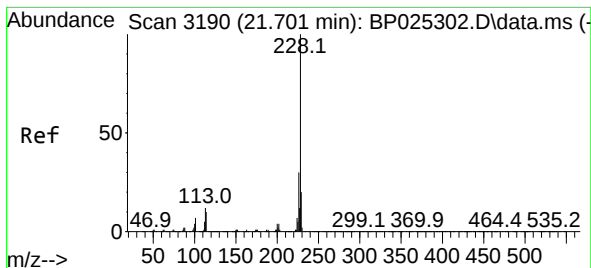
Ion Ratio Lower Upper

252 100

254 64.8 51.0 76.6

126 11.7 9.4 14.2





#83

Chrysene

Concen: 47.618 ng

RT: 21.719 min Scan# 3190

Delta R.T. 0.018 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:228 Resp: 332238

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

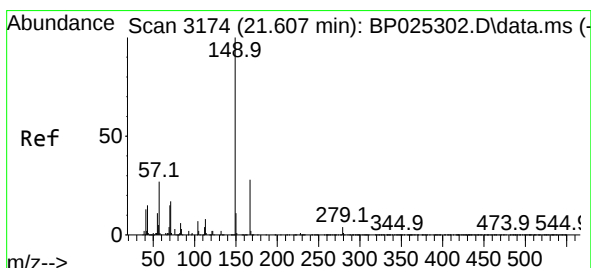
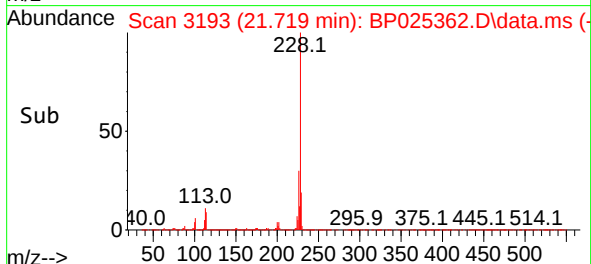
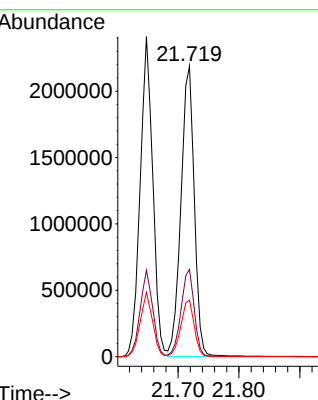
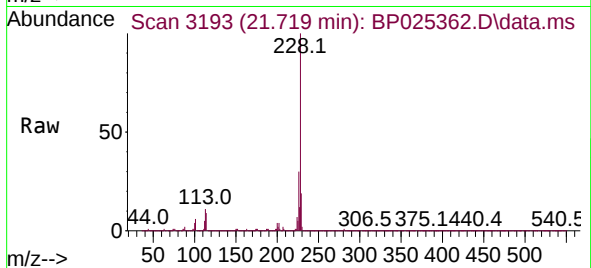
229 19.4 15.9 23.9

Manual Integrations

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Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.682 ng

RT: 21.601 min Scan# 3173

Delta R.T. -0.006 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

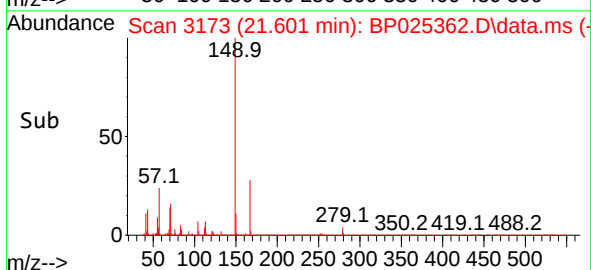
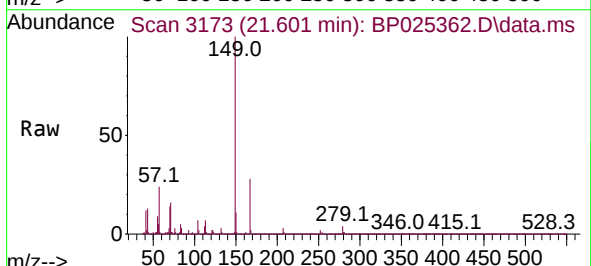
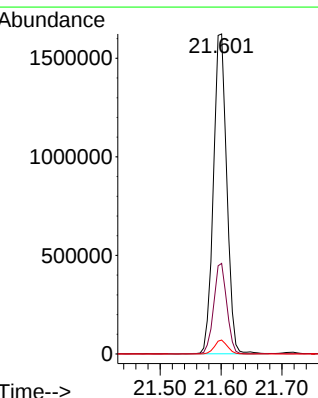
Tgt Ion:149 Resp: 2470691

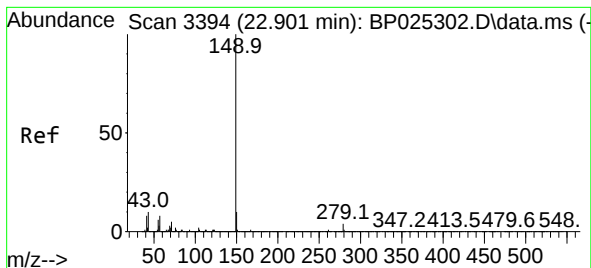
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

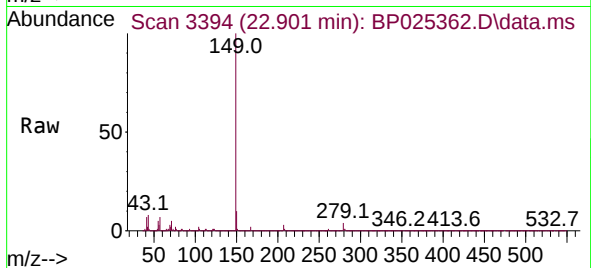
279 4.4 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 50.519 ng
RT: 22.901 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

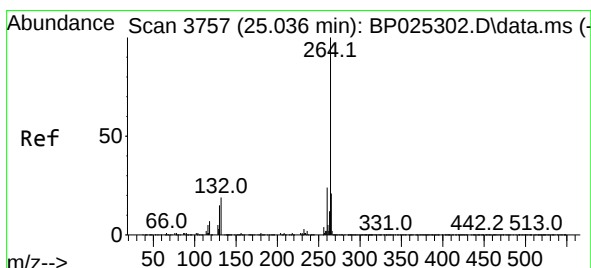
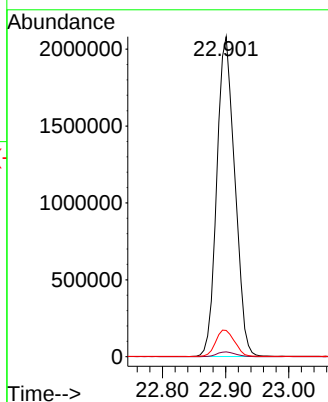
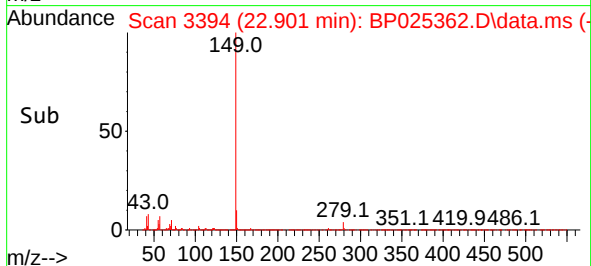
Instrument :
BNA_P
ClientSampleId :
PB169176BS



Tgt Ion:149 Resp: 4122164
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.6 7.9 11.9

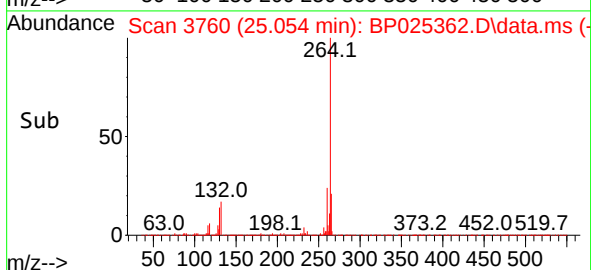
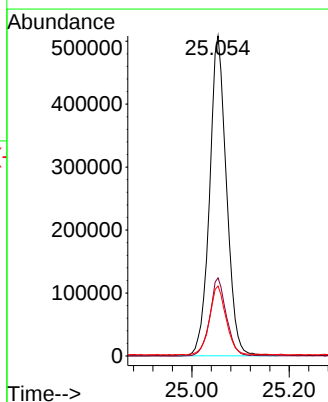
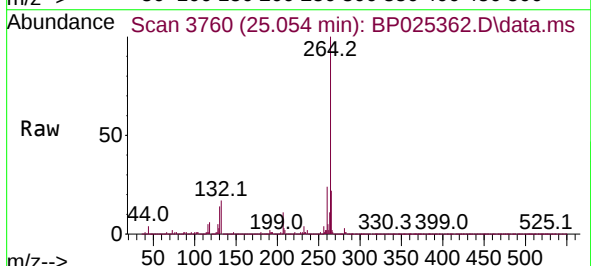
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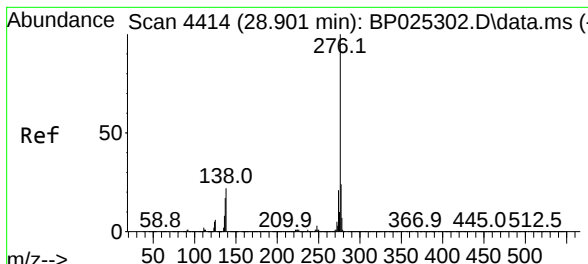
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.054 min Scan# 3760
Delta R.T. 0.018 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:264 Resp: 1223220
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.8 17.1 25.7





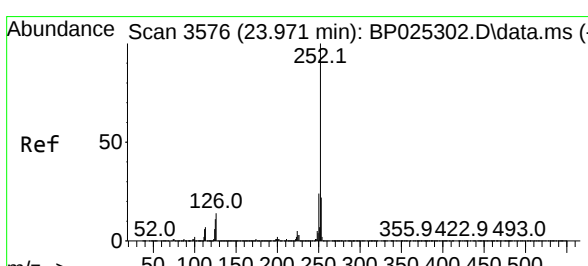
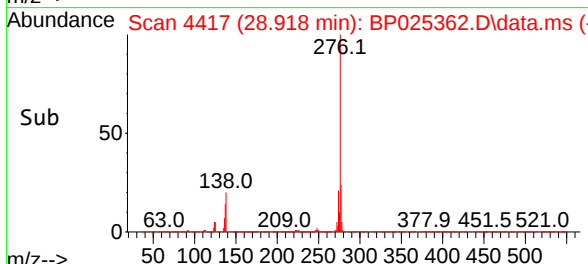
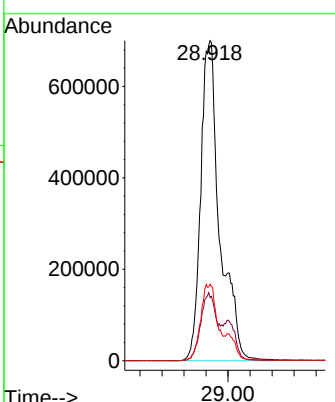
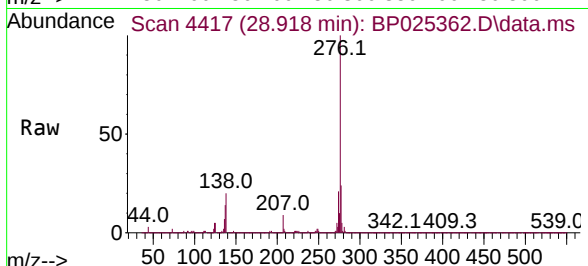
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.961 ng m
 RT: 28.918 min Scan# 4417
 Delta R.T. 0.017 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30

Instrument : BNA_P
 ClientSampleId : PB169176BS

Tgt Ion: 276 Resp: 420503

Ion	Ratio	Lower	Upper
276	100		
138	18.8	14.6	22.0
277	21.2	16.8	25.2

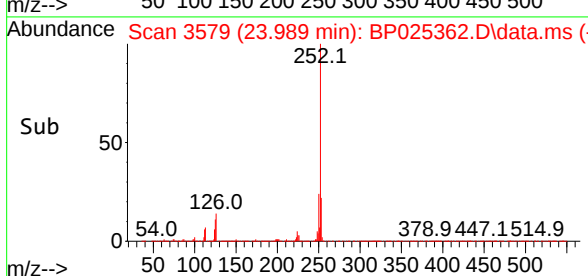
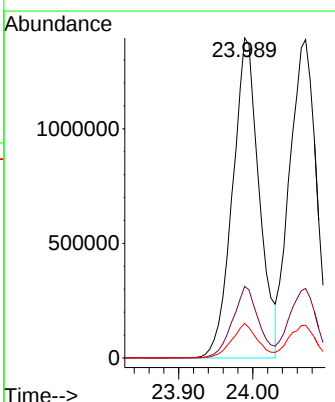
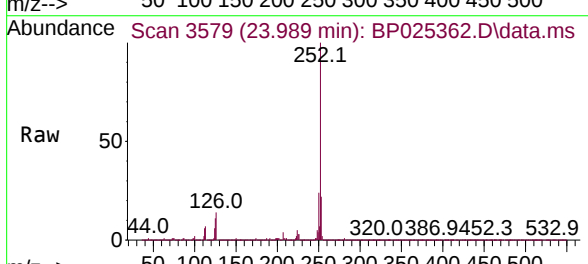
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 Supervised By :Jagrut Upadhyay 08/13/2025

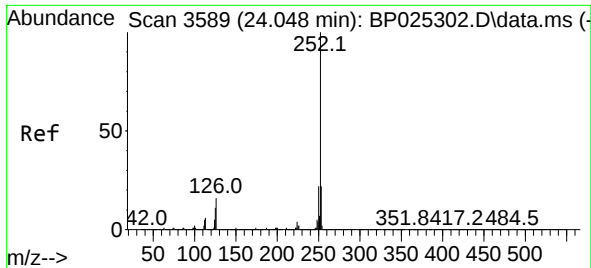


#88
 Benzo(b)fluoranthene
 Concen: 47.540 ng
 RT: 23.989 min Scan# 3579
 Delta R.T. 0.018 min
 Lab File: BP025362.D
 Acq: 12 Aug 2025 11:30

Tgt Ion: 252 Resp: 3481057

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	10.8	8.5	12.7





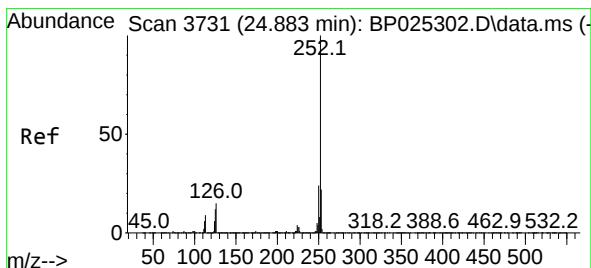
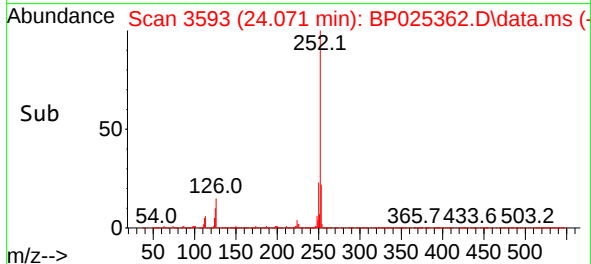
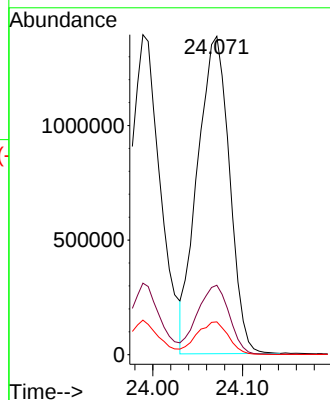
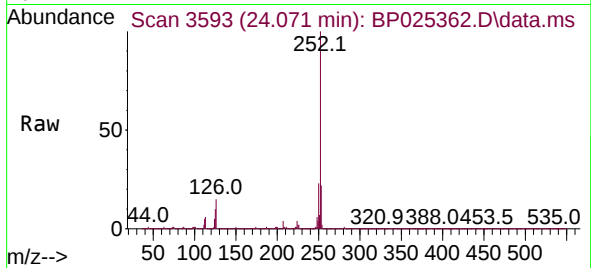
#89
Benzo(k)fluoranthene
Concen: 47.216 ng
RT: 24.071 min Scan# 31
Delta R.T. 0.023 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Instrument :
BNA_P
ClientSampleId :
PB169176BS

Tgt Ion:252 Resp: 3427390
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 10.3 8.5 12.7

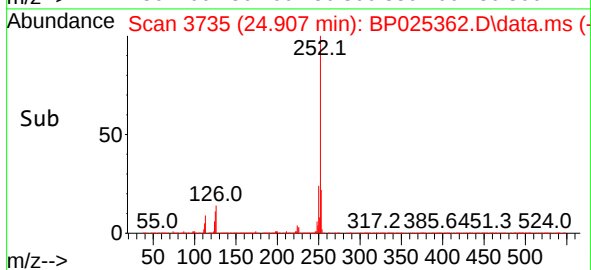
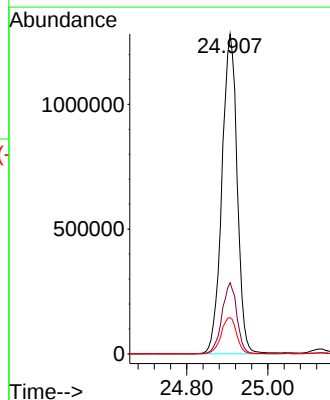
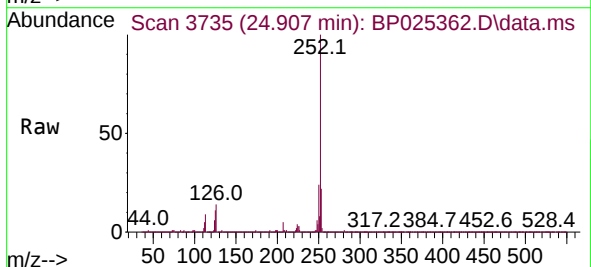
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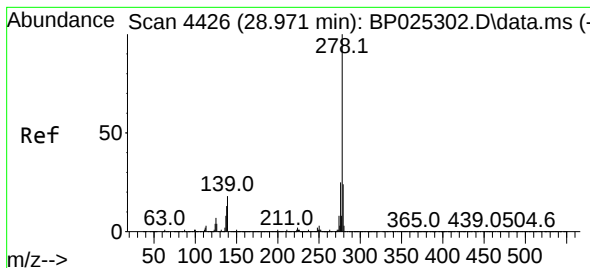
Reviewed By :Rahul Chavli 08/13/2025
Supervised By :Jagrut Upadhyay 08/13/2025



#90
Benzo(a)pyrene
Concen: 47.576 ng
RT: 24.907 min Scan# 3735
Delta R.T. 0.024 min
Lab File: BP025362.D
Acq: 12 Aug 2025 11:30

Tgt Ion:252 Resp: 3354897
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.3 9.4 14.0





#91

Dibenzo(a,h)anthracene

Concen: 47.876 ng

RT: 29.006 min Scan# 4426

Delta R.T. 0.035 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB169176BS

Tgt Ion:278 Resp: 343775

Ion Ratio Lower Upper

278 100

139 16.0 14.6 22.0

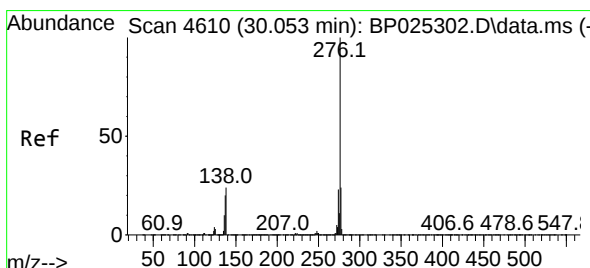
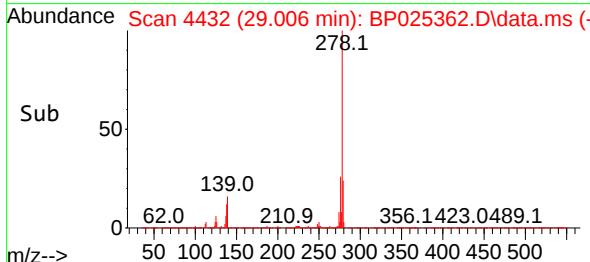
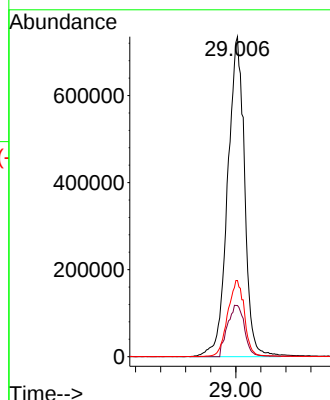
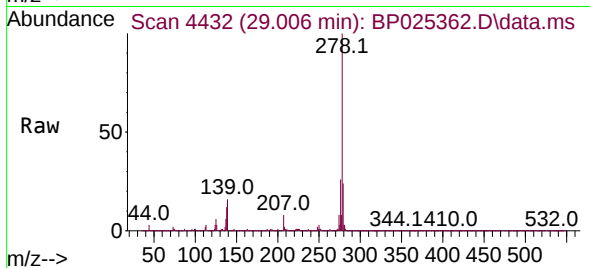
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 08/13/2025

Supervised By :Jagrut Upadhyay 08/13/2025



#92

Benzo(g,h,i)perylene

Concen: 47.388 ng

RT: 30.106 min Scan# 4619

Delta R.T. 0.053 min

Lab File: BP025362.D

Acq: 12 Aug 2025 11:30

Tgt Ion:276 Resp: 3339547

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 23.4 19.1 28.7

